

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011623\
 Data File : VX033742.D
 Acq On : 16 Jan 2023 11:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 01:51:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	155644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	223305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86536	52.805	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.600%			
35) Dibromofluoromethane	5.379	113	69430	49.110	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.220%			
50) Toluene-d8	8.647	98	263281	51.112	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.220%			
62) 4-Bromofluorobenzene	11.079	95	106142	55.499	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	51877	42.177	ug/l	99
3) Chloromethane	1.295	50	61048	44.934	ug/l	98
4) Vinyl Chloride	1.374	62	65529	49.700	ug/l	99
5) Bromomethane	1.618	94	48348	63.820	ug/l	97
6) Chloroethane	1.691	64	48107	59.016	ug/l	99
7) Trichlorofluoromethane	1.886	101	114915	53.743	ug/l	99
8) Diethyl Ether	2.130	74	47180	67.389	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	64811	52.559	ug/l	99
10) Methyl Iodide	2.453	142	89235	51.616	ug/l	100
11) Tert butyl alcohol	3.081	59	70602m	247.997	ug/l	
12) 1,1-Dichloroethene	2.319	96	59819	47.234	ug/l	99
13) Acrolein	2.239	56	74877	285.060	ug/l	99
14) Allyl chloride	2.666	41	116674	48.845	ug/l	99
15) Acrylonitrile	3.069	53	179690	239.830	ug/l	98
16) Acetone	2.398	43	173350	293.210	ug/l	100
17) Carbon Disulfide	2.514	76	151758	47.446	ug/l	98
18) Methyl Acetate	2.703	43	112547	49.210	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	236256	53.712	ug/l	100
20) Methylene Chloride	2.788	84	70503	49.451	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	69587	47.002	ug/l	94
22) Diisopropyl ether	3.751	45	257727	53.627	ug/l	88
23) Vinyl Acetate	3.721	43	1024713	283.235	ug/l	98
24) 1,1-Dichloroethane	3.605	63	127445	48.469	ug/l	100
25) 2-Butanone	4.562	43	270715	252.825	ug/l	99
26) 2,2-Dichloropropane	4.471	77	101967	54.138	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	81933	48.136	ug/l	96
28) Bromochloromethane	4.891	49	57892	48.336	ug/l	96
29) Tetrahydrofuran	5.007	42	174074	257.940	ug/l	99
30) Chloroform	5.087	83	140229	52.070	ug/l	97
31) Cyclohexane	5.465	56	120489	49.965	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	123463	53.695	ug/l	98
36) 1,1-Dichloropropene	5.690	75	102875	49.859	ug/l	98
37) Ethyl Acetate	4.709	43	111912	57.258	ug/l	98
38) Carbon Tetrachloride	5.672	117	111441	52.148	ug/l	95
39) Methylcyclohexane	7.379	83	126308	49.571	ug/l	99
40) Benzene	6.031	78	288661	47.998	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
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 Supervised By : Mahesh Dadoda 01/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	63878	56.180	ug/l	97
42) 1,2-Dichloroethane	6.080	62	119111	55.886	ug/l	96
43) Isopropyl Acetate	6.336	43	178674	54.853	ug/l	98
44) Trichloroethene	7.123	130	81455	48.434	ug/l	95
45) 1,2-Dichloropropane	7.428	63	75949	50.412	ug/l	98
46) Dibromomethane	7.580	93	55096	52.357	ug/l	94
47) Bromodichloromethane	7.818	83	111770	55.114	ug/l	98
48) Methyl methacrylate	7.690	41	92811	56.563	ug/l	95
49) 1,4-Dioxane	7.739	88	36540	1006.750	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	576231	288.046	ug/l	97
52) Toluene	8.714	92	203732	52.457	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	123774	61.029	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	128894	56.719	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	83186	54.110	ug/l	99
56) Ethyl methacrylate	9.116	69	128039	59.180	ug/l	94
57) 1,3-Dichloropropane	9.305	76	138703	55.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	298185	279.848	ug/l	98
59) 2-Hexanone	9.427	43	429951	308.791	ug/l	97
60) Dibromochloromethane	9.519	129	95493	59.914	ug/l	99
61) 1,2-Dibromoethane	9.610	107	90384	58.910	ug/l	99
64) Tetrachloroethene	9.275	164	77513	49.281	ug/l	98
65) Chlorobenzene	10.080	112	227216	49.151	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	87011	51.144	ug/l	99
67) Ethyl Benzene	10.189	91	402129	50.664	ug/l	97
68) m/p-Xylenes	10.299	106	321449	103.542	ug/l	98
69) o-Xylene	10.640	106	158102	51.352	ug/l	97
70) Styrene	10.653	104	269378	53.799	ug/l	99
71) Bromoform	10.799	173	74471	52.238	ug/l #	100
73) Isopropylbenzene	10.964	105	423074	50.472	ug/l	99
74) N-amyl acetate	10.842	43	170271	50.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	126919	51.890	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	118579m	50.640	ug/l	
77) Bromobenzene	11.195	156	112213	49.569	ug/l	98
78) n-propylbenzene	11.305	91	487639	46.891	ug/l	99
79) 2-Chlorotoluene	11.366	91	288242	51.389	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	357693	46.643	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	37568	49.862	ug/l	99
82) 4-Chlorotoluene	11.451	91	332874	51.881	ug/l	100
83) tert-Butylbenzene	11.713	119	365828	48.044	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	355800	49.047	ug/l	99
85) sec-Butylbenzene	11.890	105	452179	49.649	ug/l	100
86) p-Isopropyltoluene	12.006	119	392160	50.294	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	210283	48.832	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	210157	47.907	ug/l	100
89) n-Butylbenzene	12.329	91	331117	51.908	ug/l	99
90) Hexachloroethane	12.536	117	63261	49.322	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	202767	48.796	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26525	51.004	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	145604	52.018	ug/l	99
94) Hexachlorobutadiene	13.725	225	70601	51.491	ug/l	99
95) Naphthalene	13.774	128	415560	51.604	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	140700	50.235	ug/l	99

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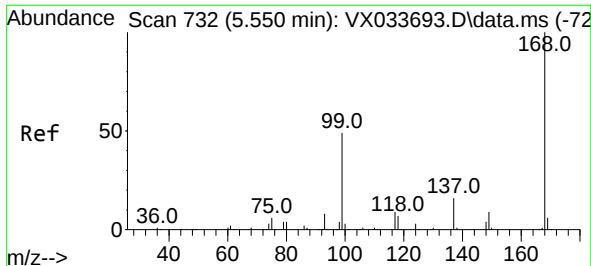
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

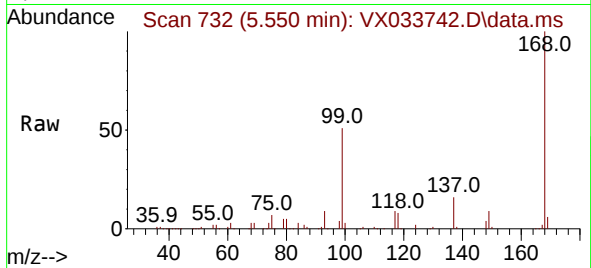
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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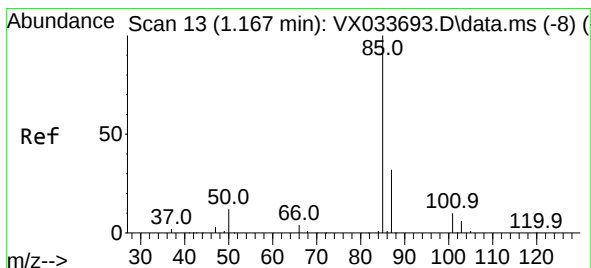
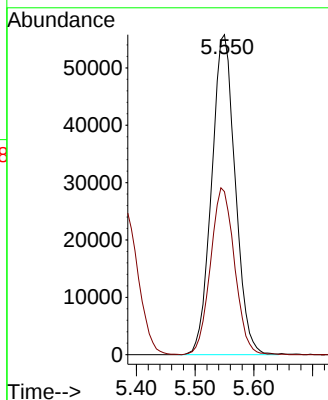
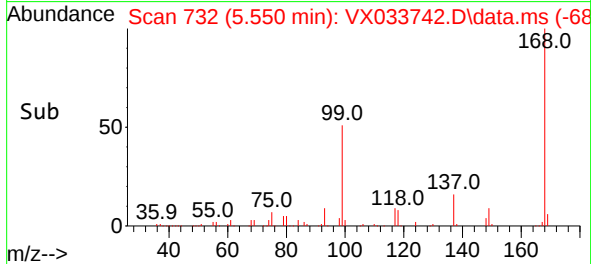
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 155644
Ion Ratio Lower Upper
168 100
99 50.9 39.6 59.4

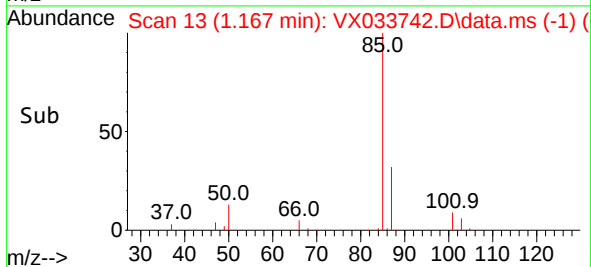
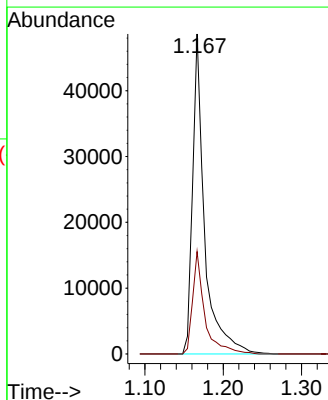
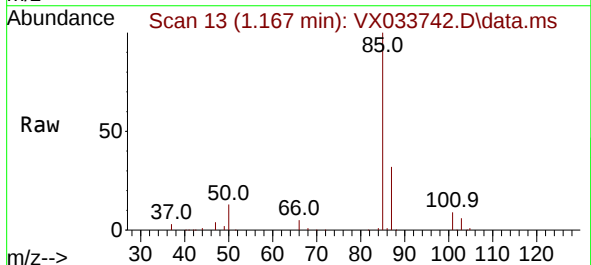
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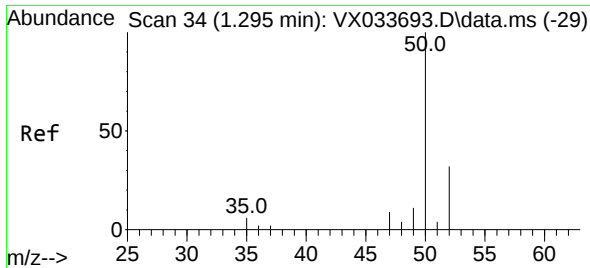
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#2
Dichlorodifluoromethane
Concen: 42.177 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion: 85 Resp: 51877
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





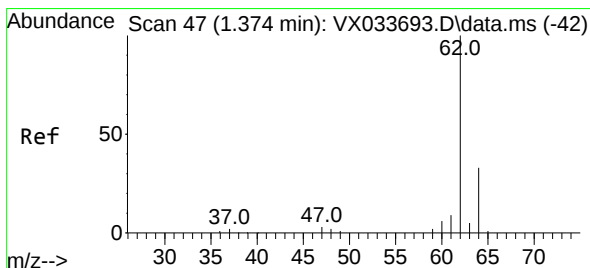
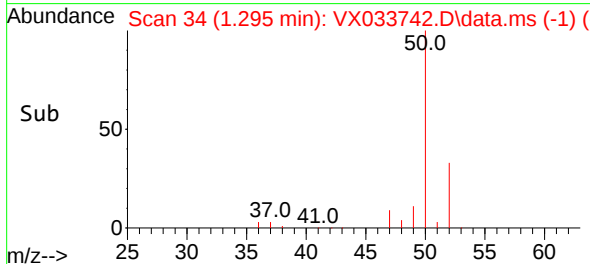
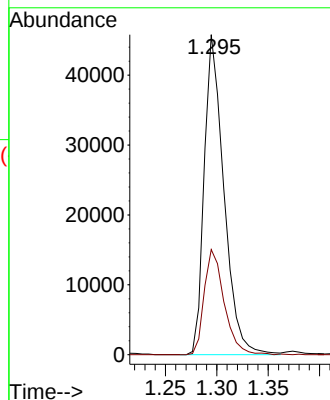
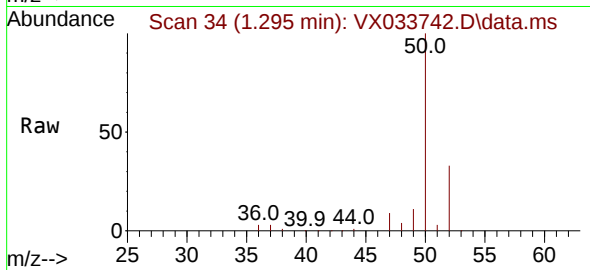
#3
Chloromethane
Concen: 44.934 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

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Tgt Ion: 50 Resp: 61044
Ion Ratio Lower Upper
50 100
52 32.8 25.2 37.8

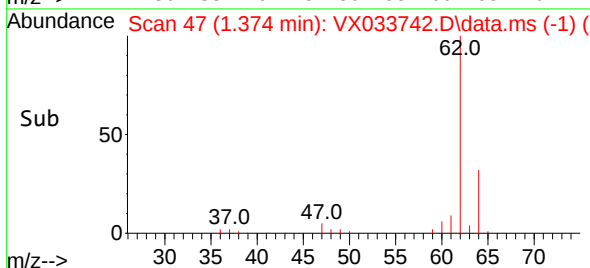
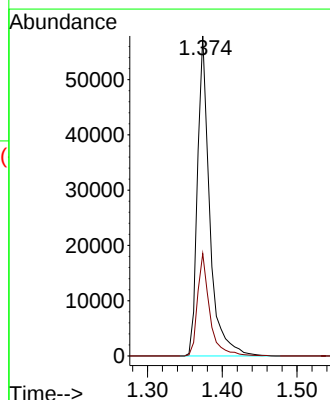
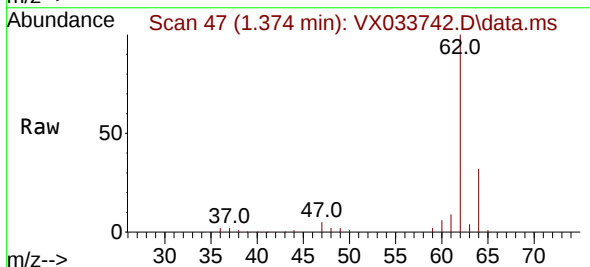
Manual Integrations
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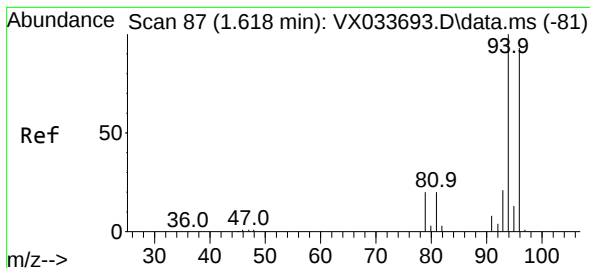
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#4
Vinyl Chloride
Concen: 49.700 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion: 62 Resp: 65529
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





#5

Bromomethane

Concen: 63.820 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 4834

Ion Ratio Lower Upper

94 100

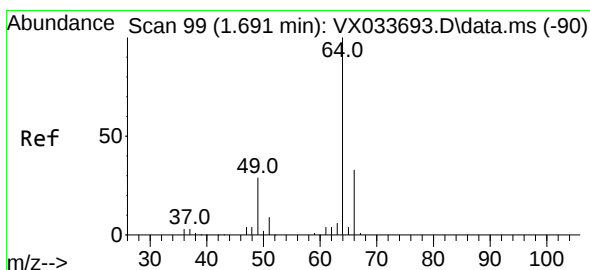
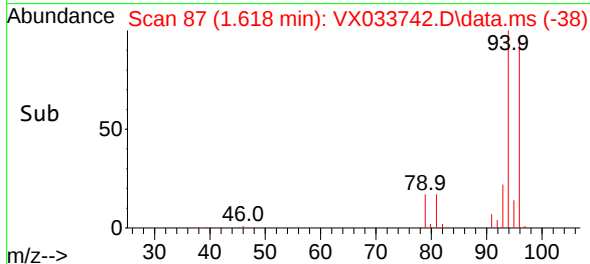
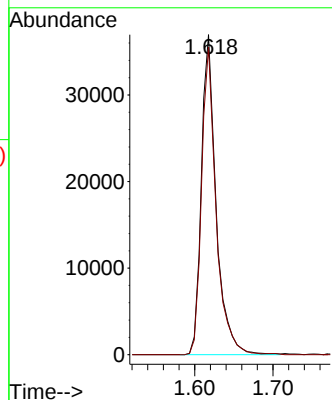
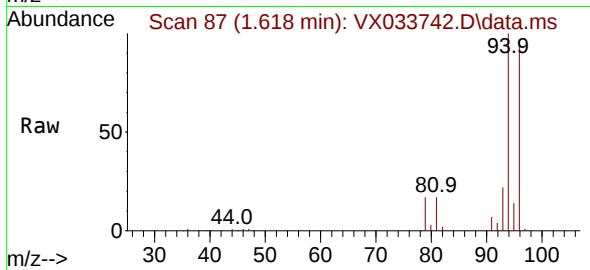
96 96.1 74.3 111.5

Manual Integrations

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Supervised By :Mahesh Dadoda 01/17/2023



#6

Chloroethane

Concen: 59.016 ug/l

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX033742.D

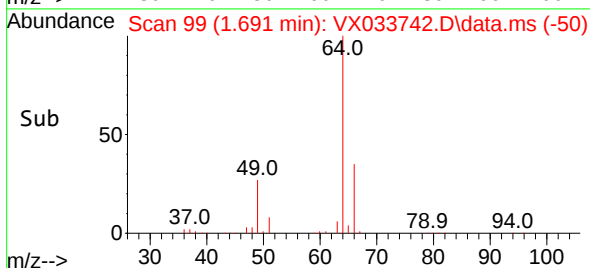
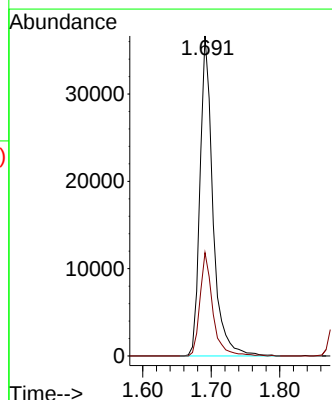
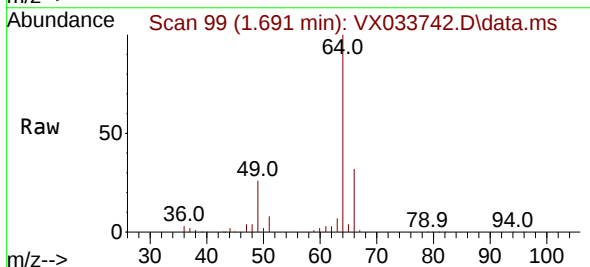
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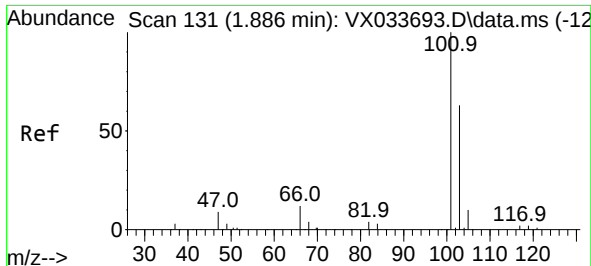
Tgt Ion: 64 Resp: 48107

Ion Ratio Lower Upper

64 100

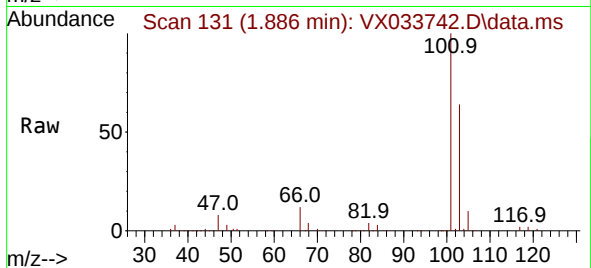
66 32.3 26.1 39.1





#7
Trichlorofluoromethane
Concen: 53.743 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033742.D
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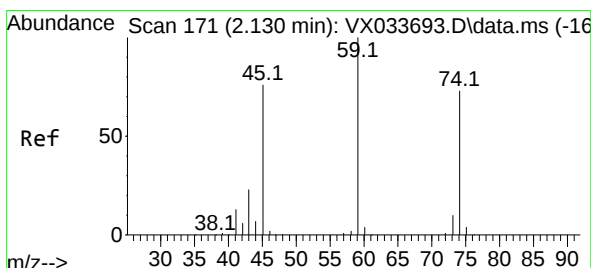
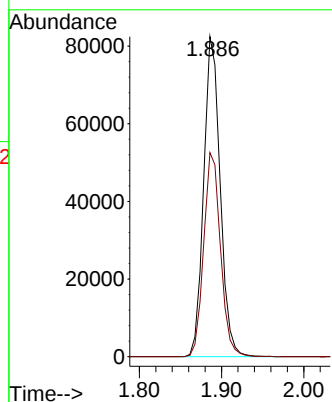
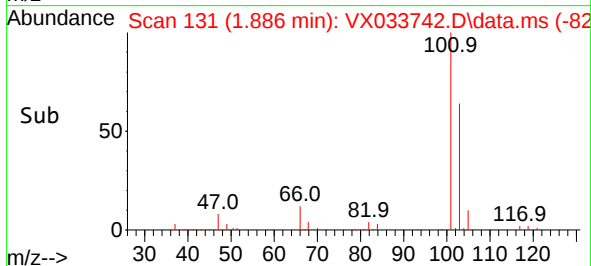
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 114915
Ion Ratio Lower Upper
101 100
103 63.7 50.6 75.8

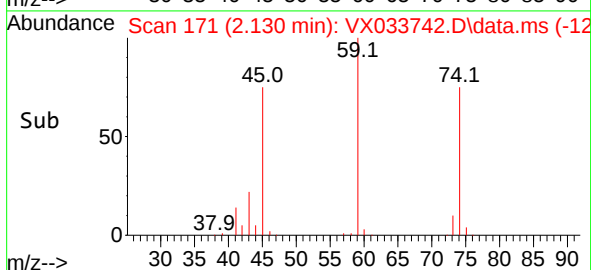
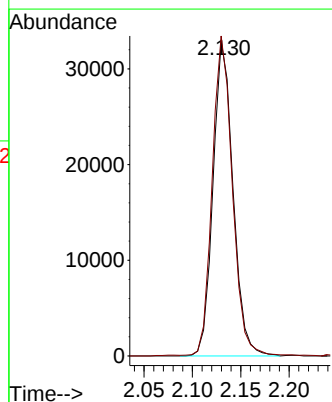
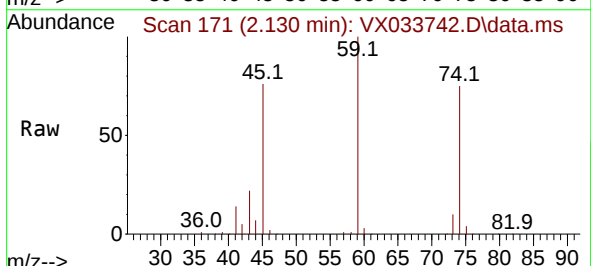
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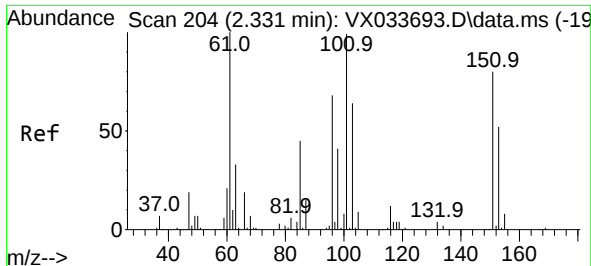
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#8
Diethyl Ether
Concen: 67.389 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion: 74 Resp: 47180
Ion Ratio Lower Upper
74 100
45 103.0 51.5 154.5





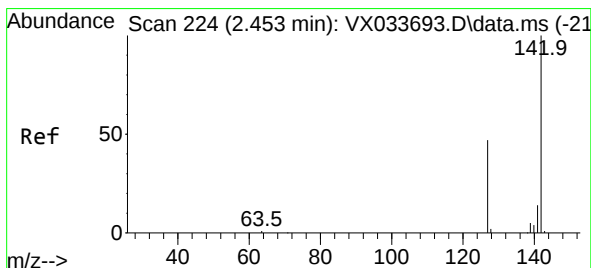
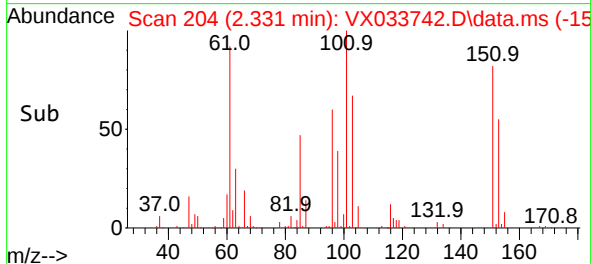
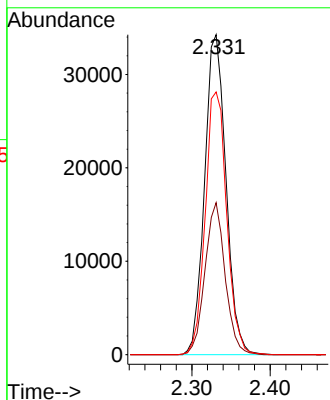
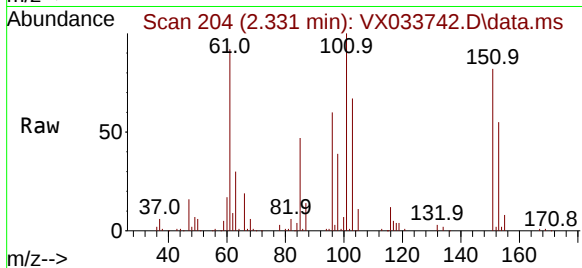
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.559 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6481
Ion Ratio Lower Upper
101 100
85 45.1 36.7 55.1
151 82.7 66.5 99.7

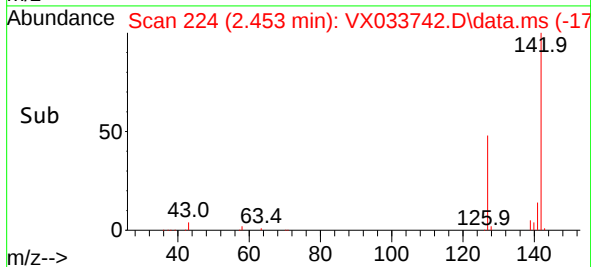
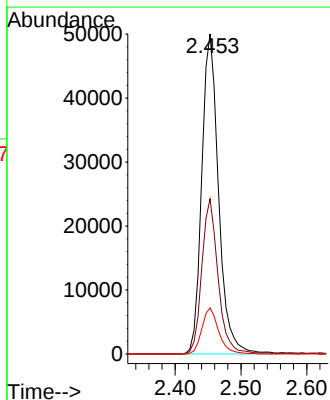
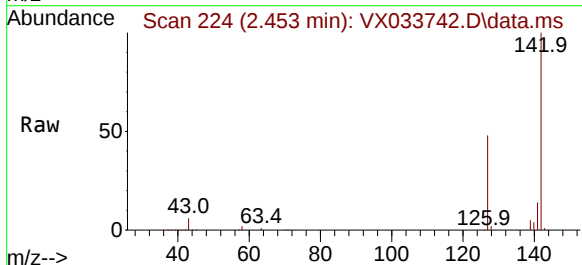
Manual Integrations
APPROVED

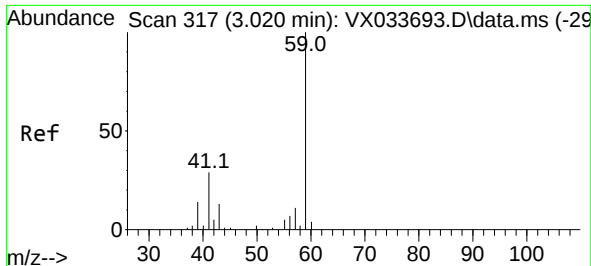
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#10
Methyl Iodide
Concen: 51.616 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion:142 Resp: 89235
Ion Ratio Lower Upper
142 100
127 46.9 37.3 55.9
141 14.3 11.5 17.3





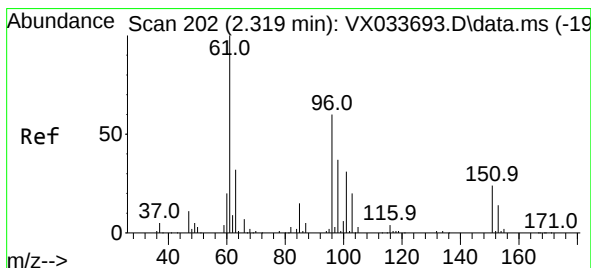
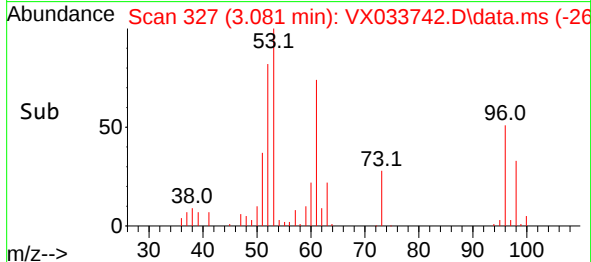
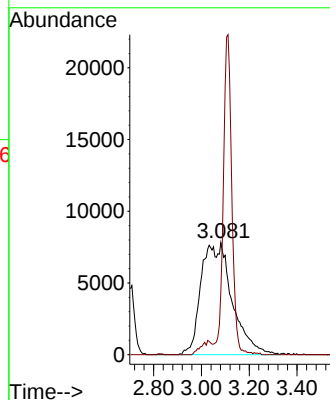
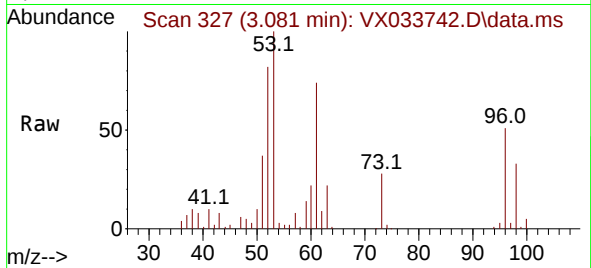
#11
Tert butyl alcohol
Concen: 247.997 ug/l m
RT: 3.081 min Scan# 317
Delta R.T. 0.061 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 70602
Ion Ratio Lower Upper
59 100
57 4.3 3.7 5.5

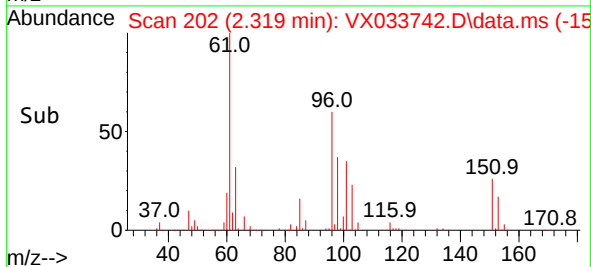
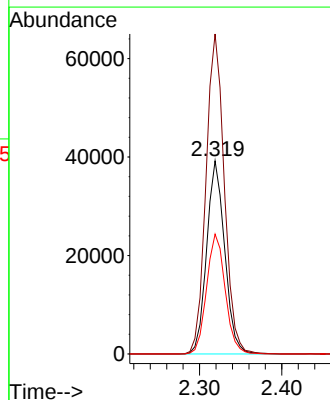
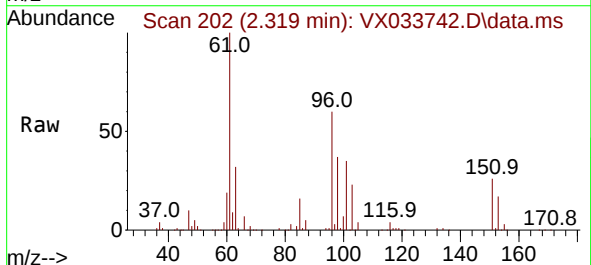
Manual Integrations
APPROVED

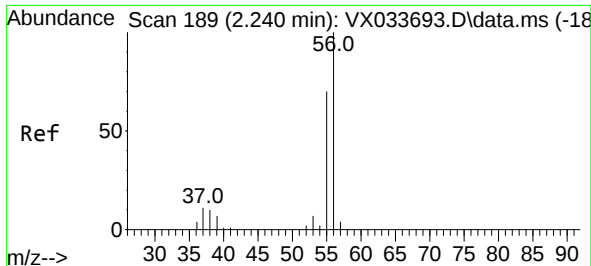
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#12
1,1-Dichloroethene
Concen: 47.234 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

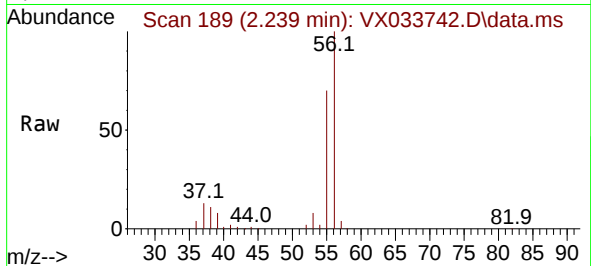
Tgt Ion: 96 Resp: 59819
Ion Ratio Lower Upper
96 100
61 165.6 134.2 201.4
98 62.1 50.2 75.2





#13
Acrolein
Concen: 285.060 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

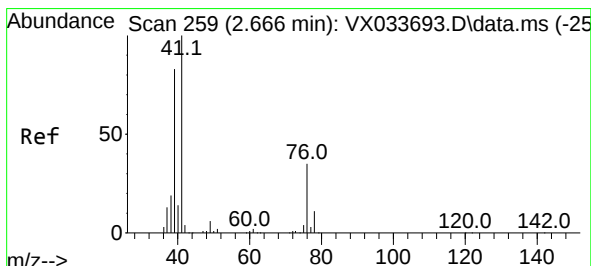
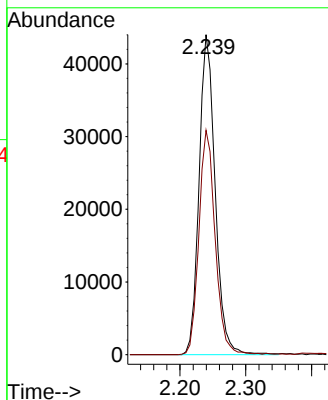
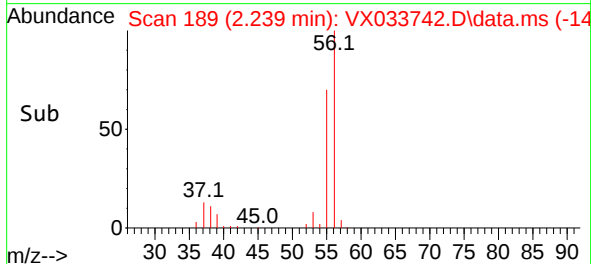
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7487
Ion Ratio Lower Upper
56 100
55 71.2 56.3 84.5

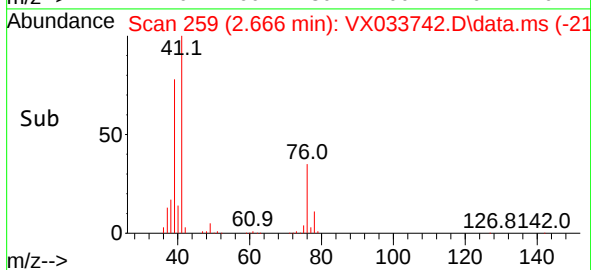
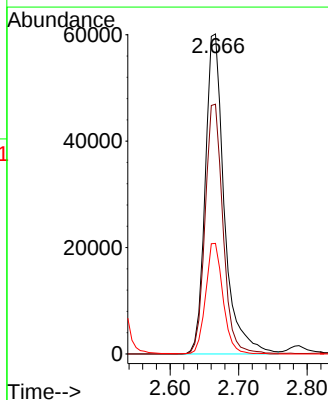
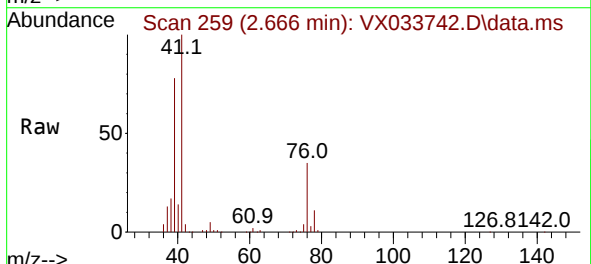
Manual Integrations
APPROVED

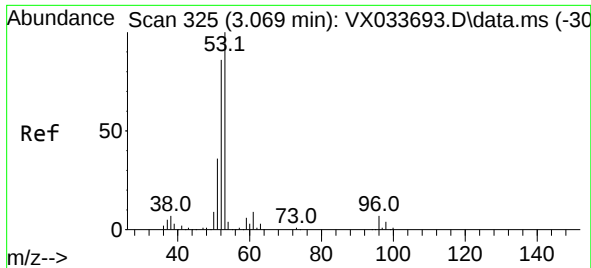
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#14
Allyl chloride
Concen: 48.845 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

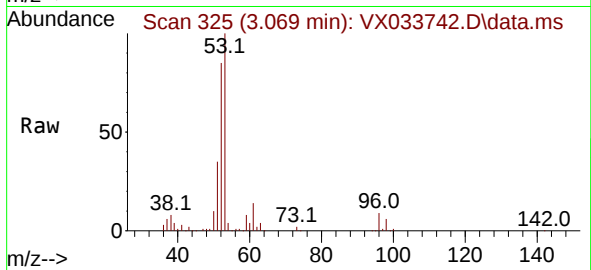
Tgt Ion: 41 Resp: 116674
Ion Ratio Lower Upper
41 100
39 73.3 59.0 88.4
76 31.5 24.6 37.0





#15
Acrylonitrile
Concen: 239.830 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

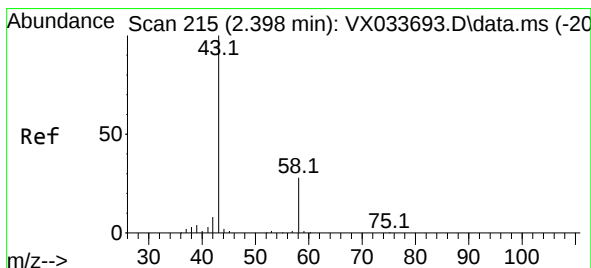
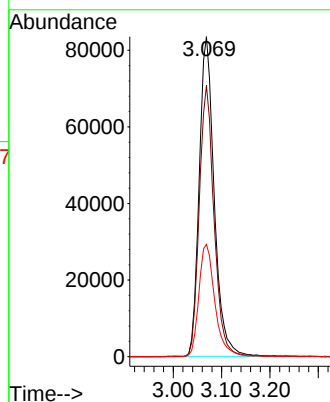
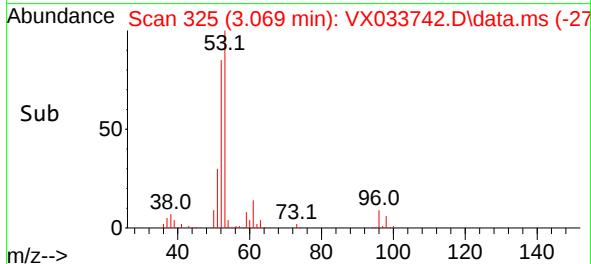
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 179690
Ion Ratio Lower Upper
53 100
52 83.5 65.7 98.5
51 37.9 29.0 43.4

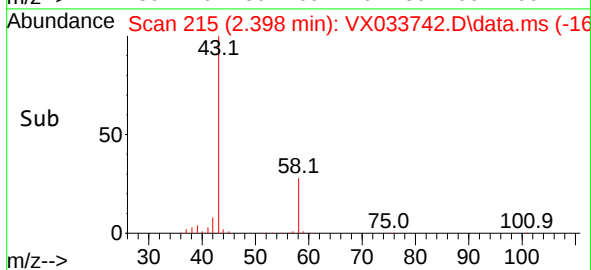
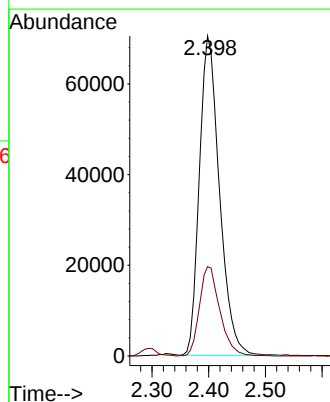
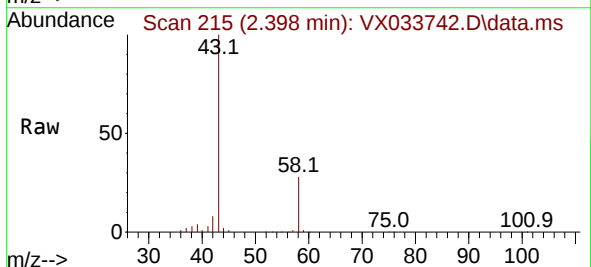
Manual Integrations
APPROVED

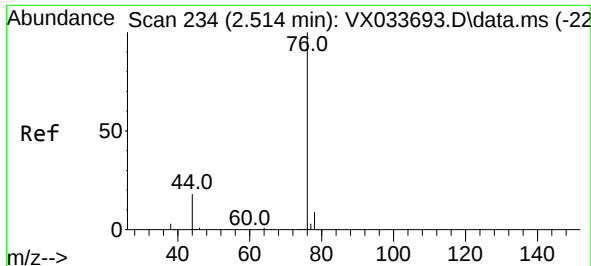
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#16
Acetone
Concen: 293.210 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

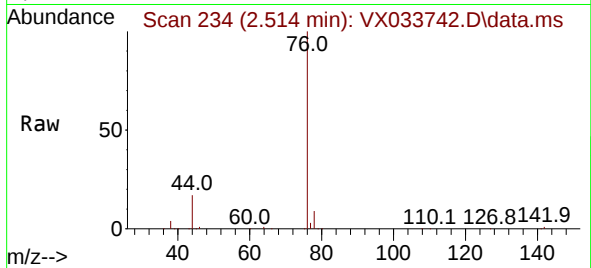
Tgt Ion: 43 Resp: 173350
Ion Ratio Lower Upper
43 100
58 28.0 22.6 33.8





#17
Carbon Disulfide
Concen: 47.446 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

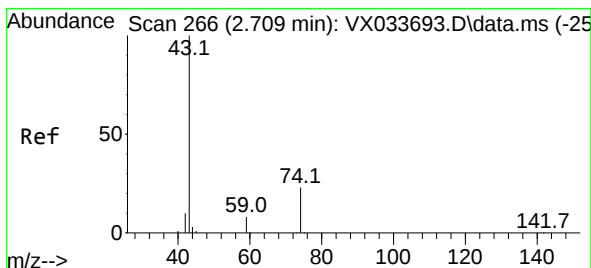
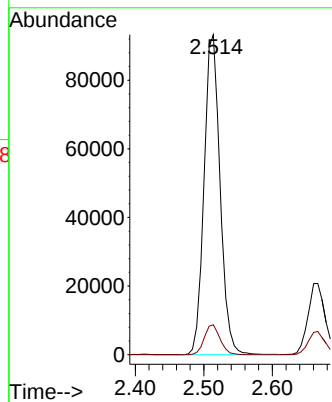
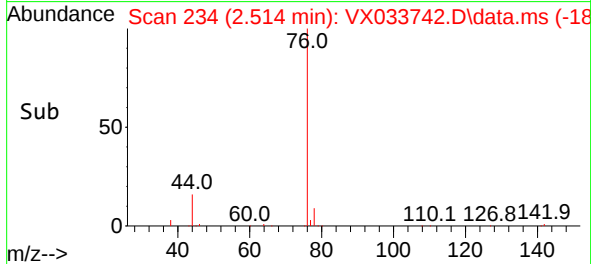
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 151758
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

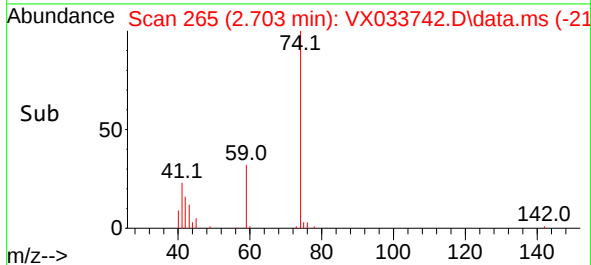
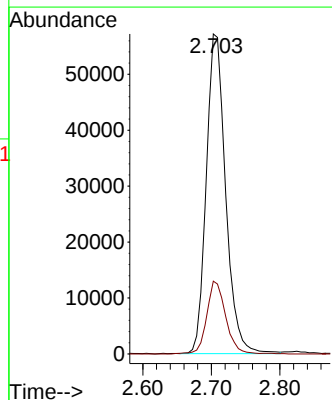
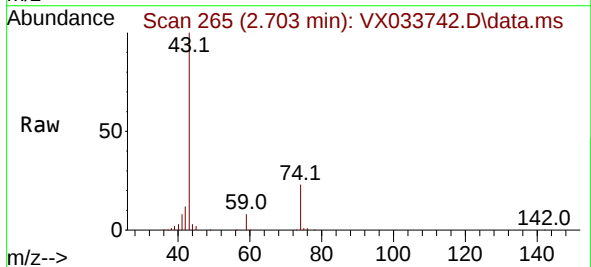
Manual Integrations
APPROVED

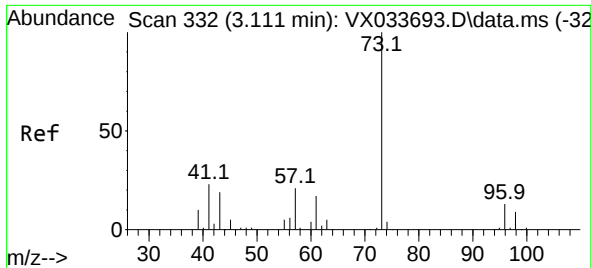
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#18
Methyl Acetate
Concen: 49.210 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion: 43 Resp: 112547
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.4





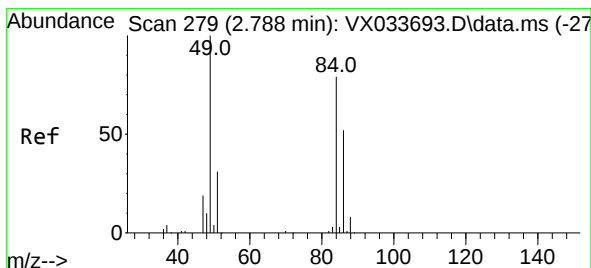
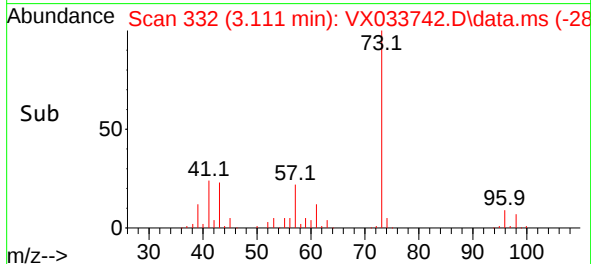
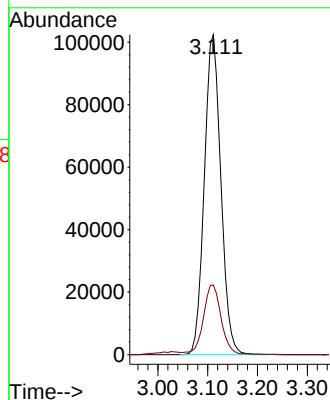
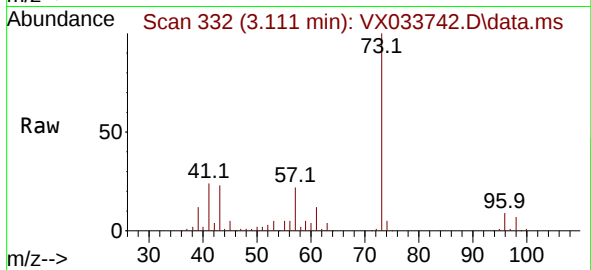
#19
Methyl tert-butyl Ether
Concen: 53.712 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 236250
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

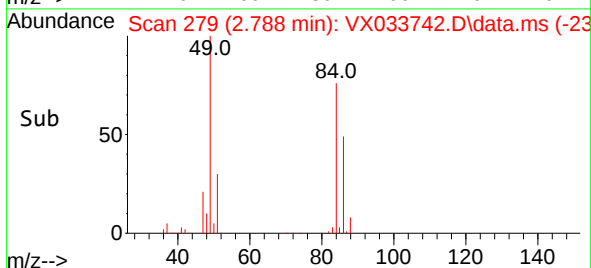
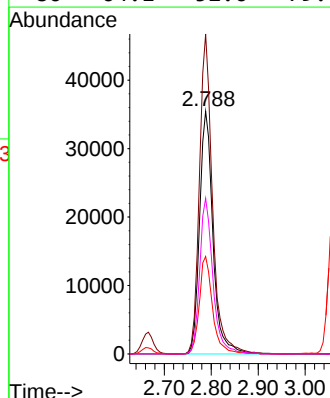
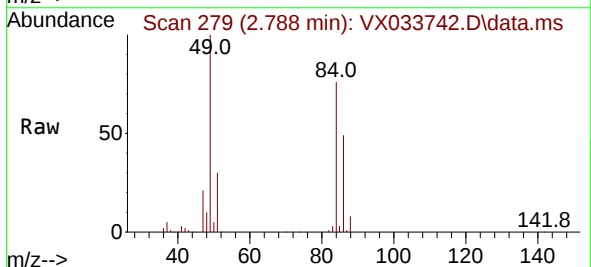
Manual Integrations
APPROVED

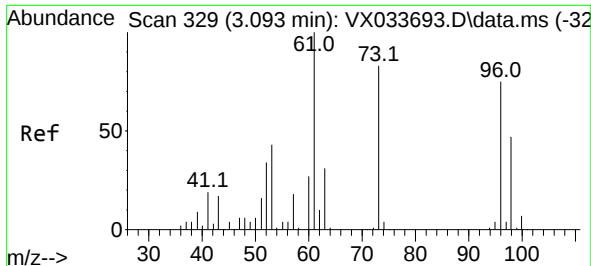
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#20
Methylene Chloride
Concen: 49.451 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

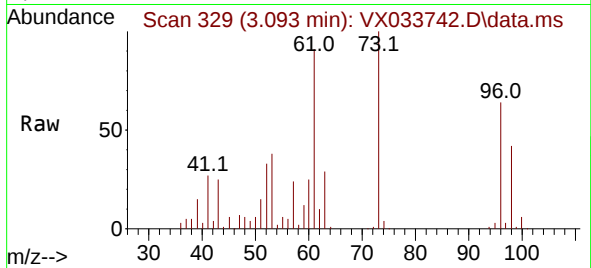
Tgt Ion: 84 Resp: 70503
Ion Ratio Lower Upper
84 100
49 131.8 101.1 151.7
51 40.1 31.0 46.6
86 64.1 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 47.002 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

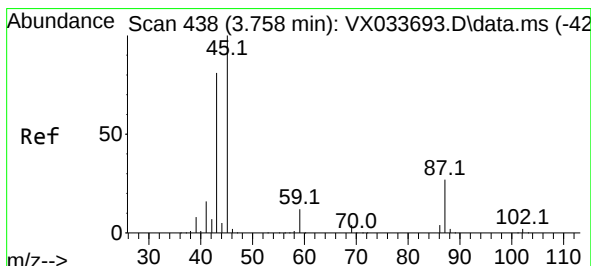
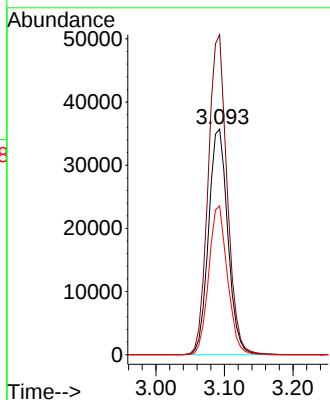
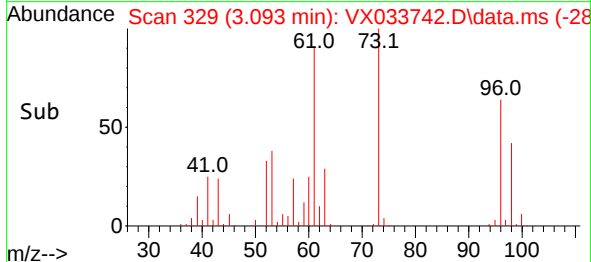
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



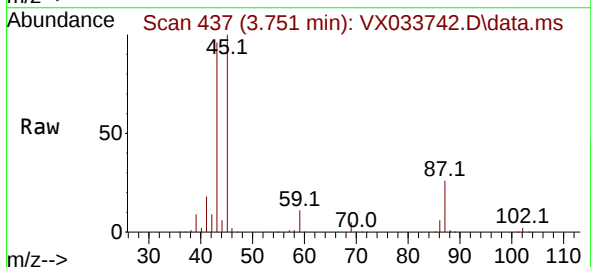
Tgt Ion: 96 Resp: 6958
Ion Ratio Lower Upper
96 100
61 141.9 106.7 160.1
98 66.0 50.0 75.0

Manual Integrations
APPROVED

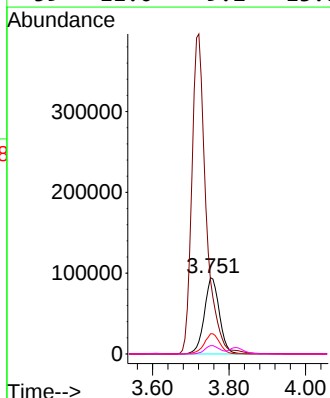
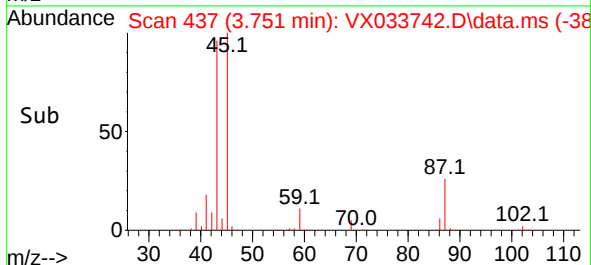
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

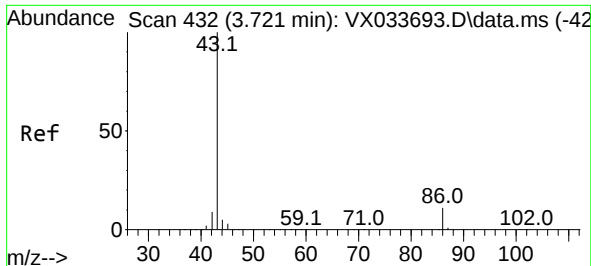


#22
Diisopropyl ether
Concen: 53.627 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32



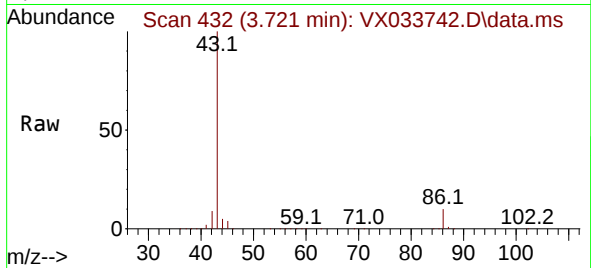
Tgt Ion: 45 Resp: 257727
Ion Ratio Lower Upper
45 100
43 96.3 64.6 97.0
87 26.3 21.9 32.9
59 11.0 9.2 13.8





#23
 Vinyl Acetate
 Concen: 283.235 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX033742.D
 Acq: 16 Jan 2023 11:32

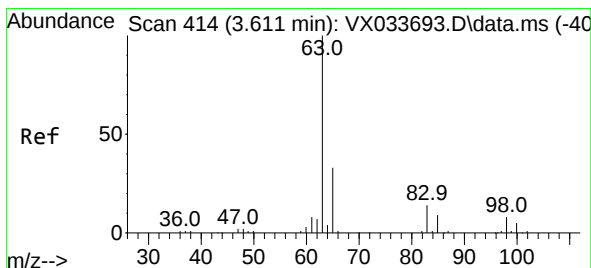
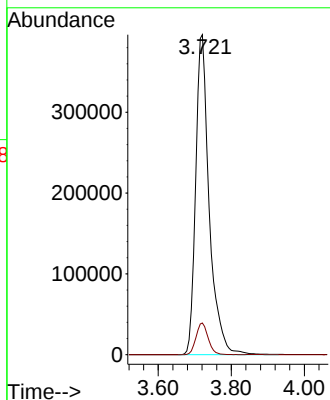
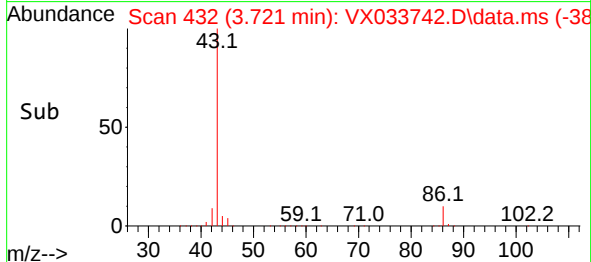
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



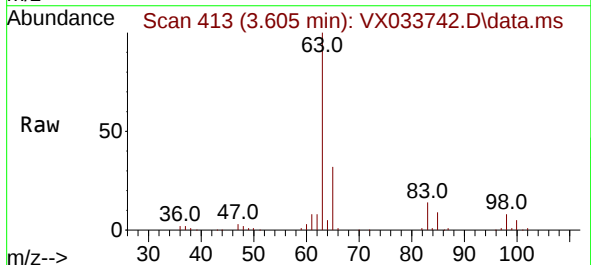
Tgt Ion: 43 Resp: 102471
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.4 12.6

Manual Integrations
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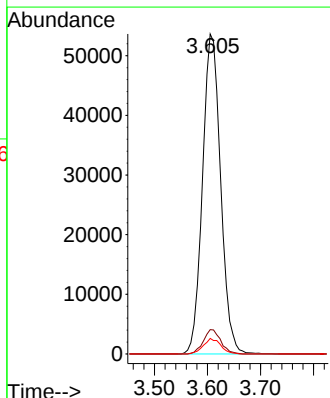
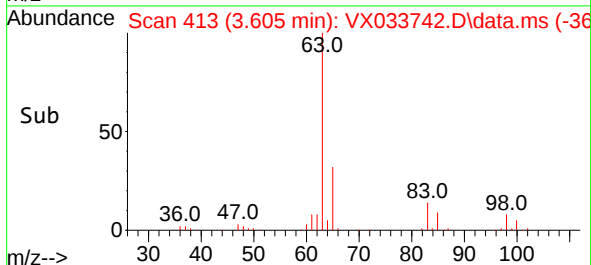
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

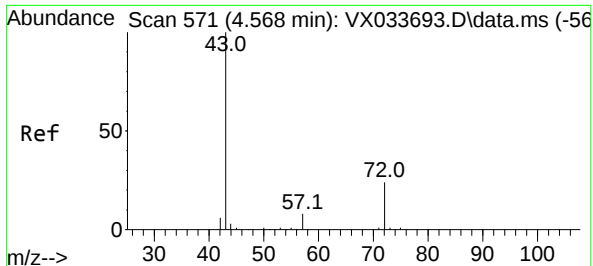


#24
 1,1-Dichloroethane
 Concen: 48.469 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033742.D
 Acq: 16 Jan 2023 11:32



Tgt Ion: 63 Resp: 127445
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 4.9 2.4 7.2





#25

2-Butanone

Concen: 252.825 ug/l

RT: 4.562 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 270715

Ion Ratio Lower Upper

43 100

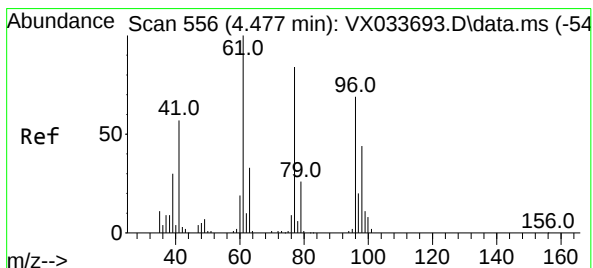
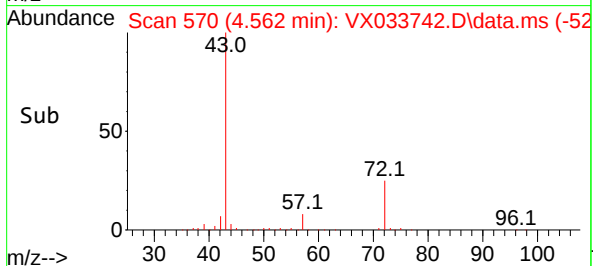
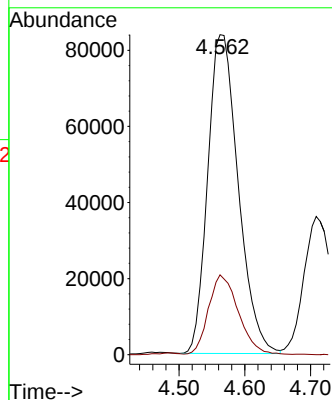
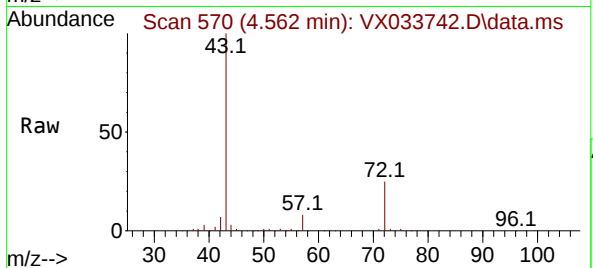
72 24.8 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#26

2,2-Dichloropropane

Concen: 54.138 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX033742.D

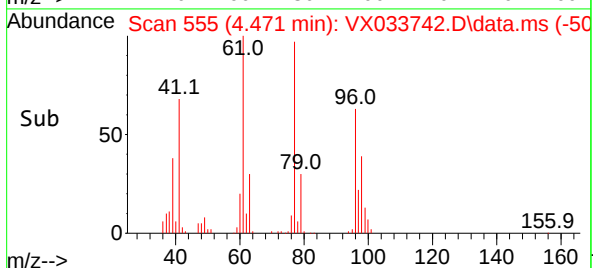
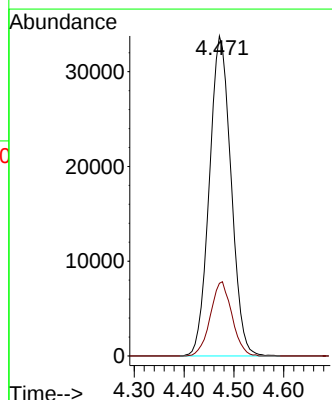
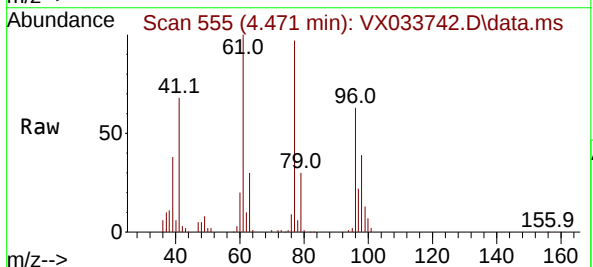
Acq: 16 Jan 2023 11:32

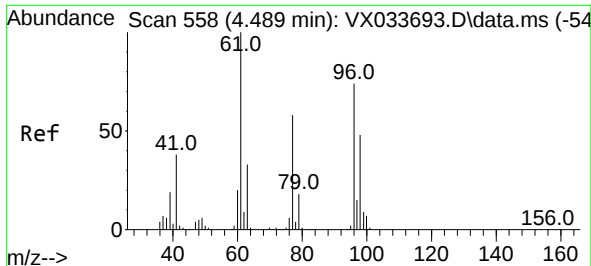
Tgt Ion: 77 Resp: 101967

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.136 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

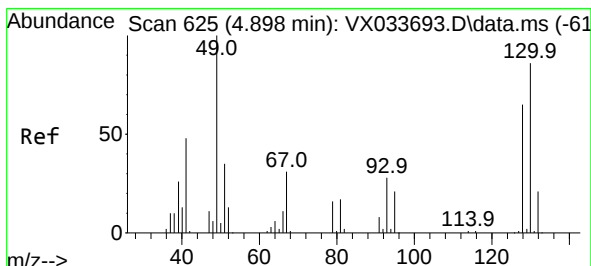
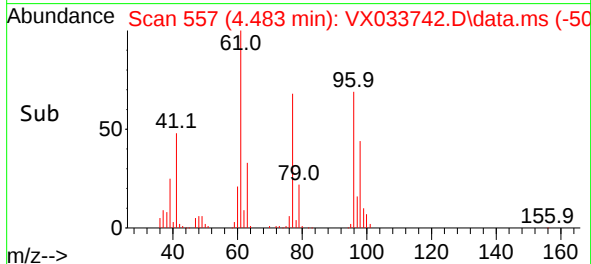
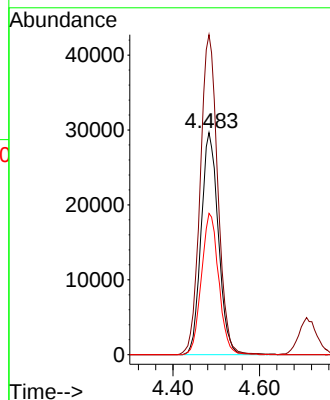
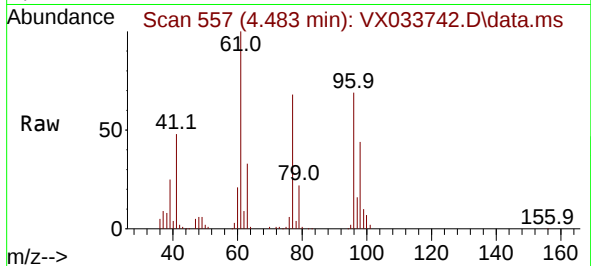
Tgt Ion: 96	Resp: 8193
Ion Ratio	Lower Upper
96 100	
61 146.5	0.0 277.6
98 63.8	0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#28

Bromochloromethane

Concen: 48.336 ug/l

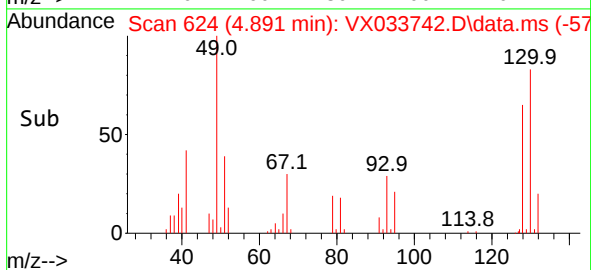
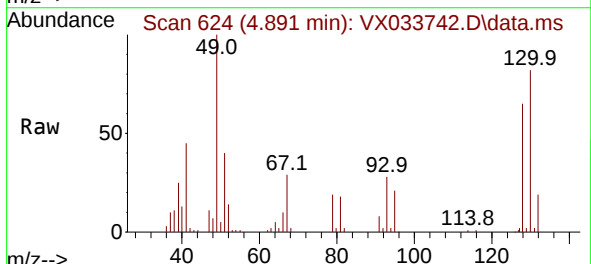
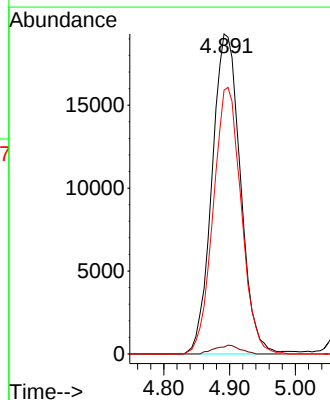
RT: 4.891 min Scan# 624

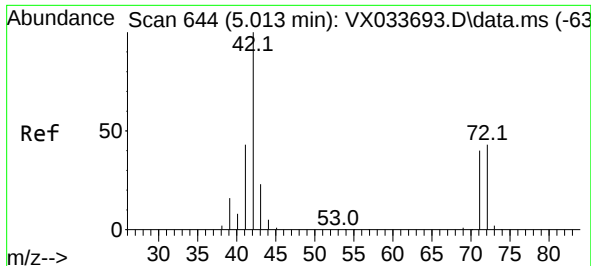
Delta R.T. -0.006 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Tgt Ion: 49	Resp: 57892
Ion Ratio	Lower Upper
49 100	
129 2.4	0.0 4.6
130 82.2	68.5 102.7





#29

Tetrahydrofuran

Concen: 257.940 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 174074

Ion Ratio Lower Upper

42 100

72 42.6 34.8 52.2

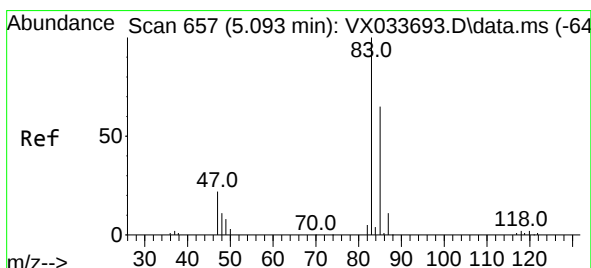
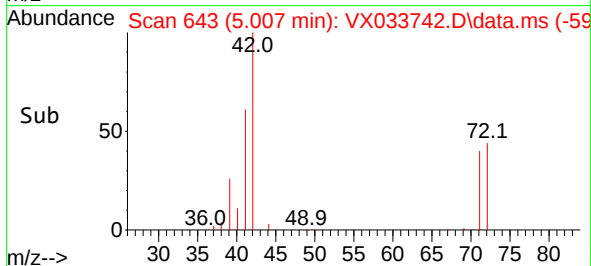
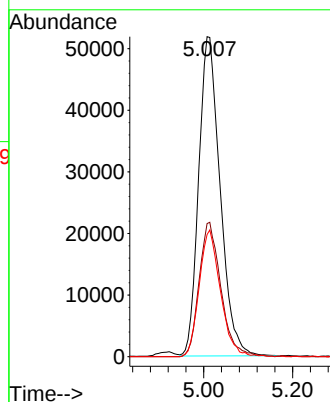
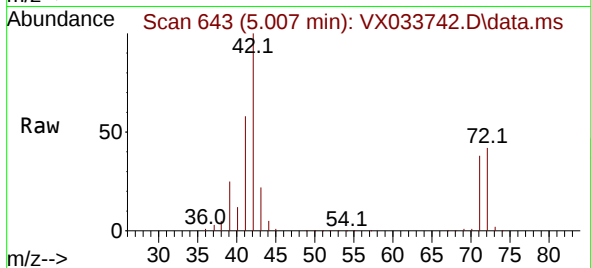
71 39.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#30

Chloroform

Concen: 52.070 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX033742.D

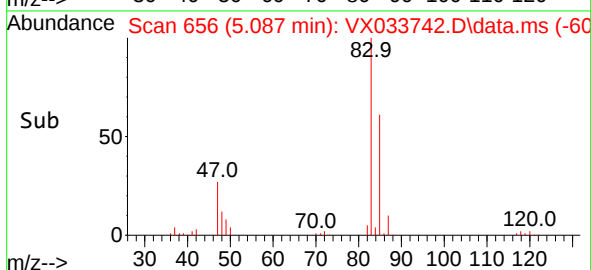
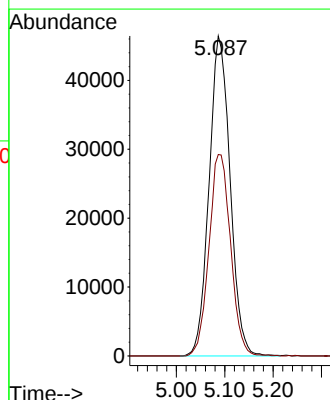
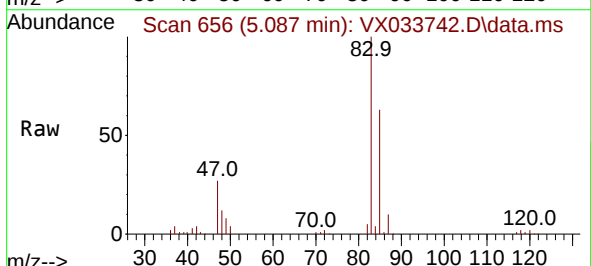
Acq: 16 Jan 2023 11:32

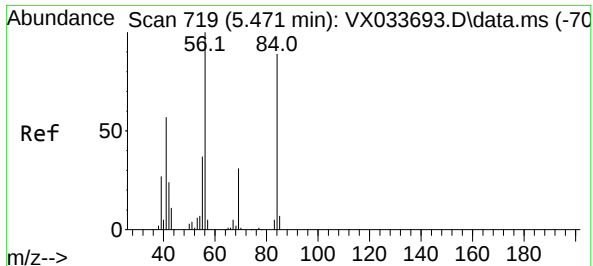
Tgt Ion: 83 Resp: 140229

Ion Ratio Lower Upper

83 100

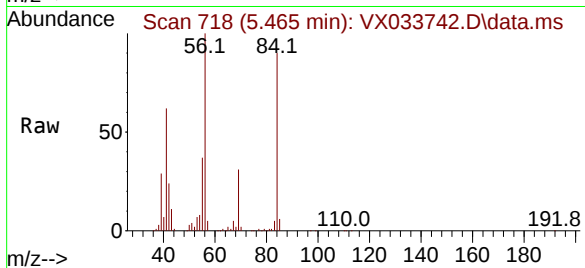
85 63.0 52.1 78.1





#31
Cyclohexane
Concen: 49.965 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

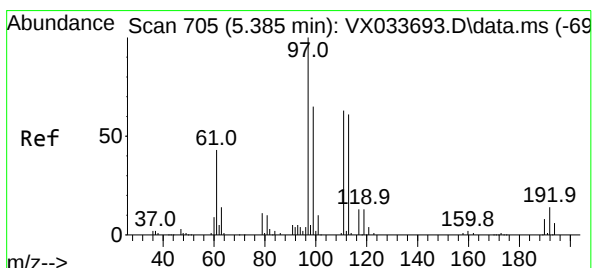
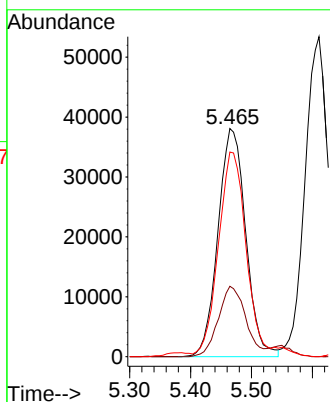
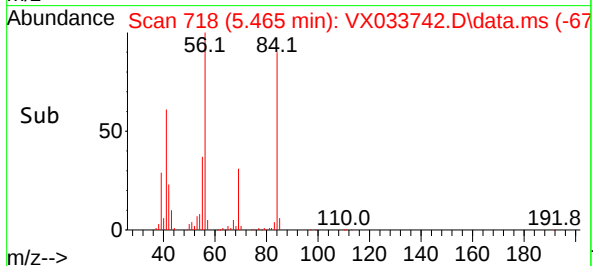
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



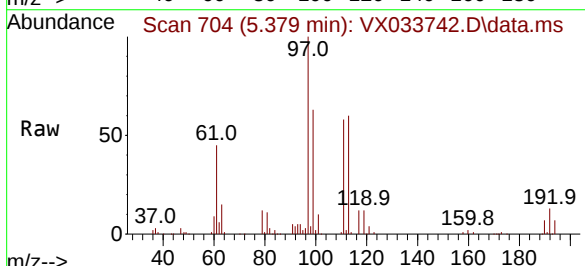
Tgt Ion: 56 Resp: 120489
Ion Ratio Lower Upper
56 100
69 30.9 24.6 37.0
84 88.0 71.0 106.6

Manual Integrations
APPROVED

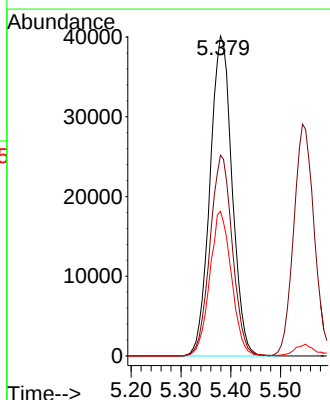
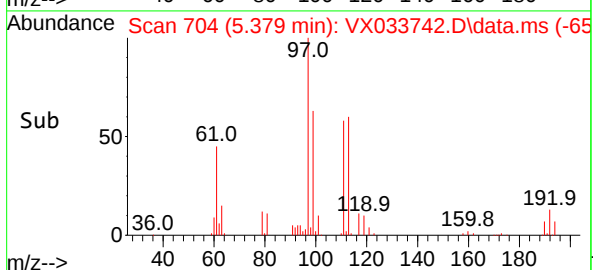
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

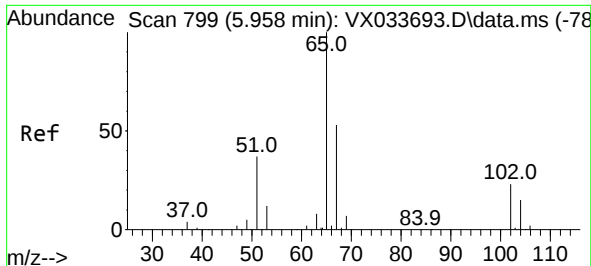


#32
1,1,1-Trichloroethane
Concen: 53.695 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32



Tgt Ion: 97 Resp: 123463
Ion Ratio Lower Upper
97 100
99 63.6 52.3 78.5
61 44.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.805 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 86530

Ion Ratio Lower Upper

65 100

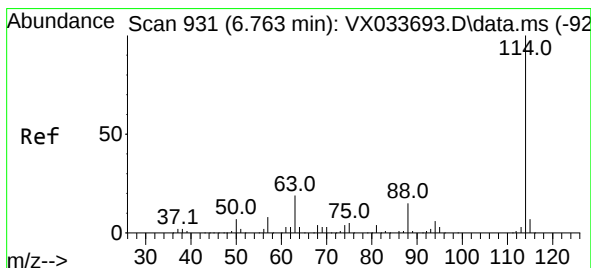
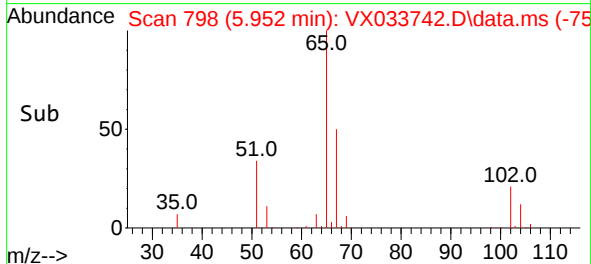
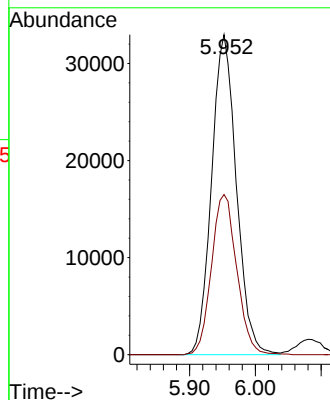
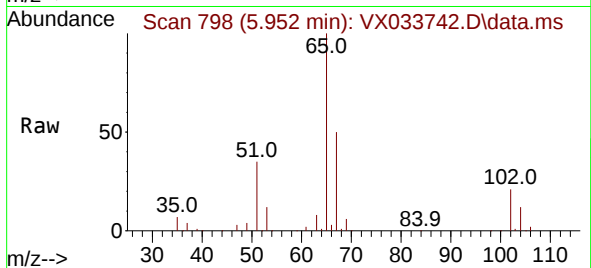
67 51.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

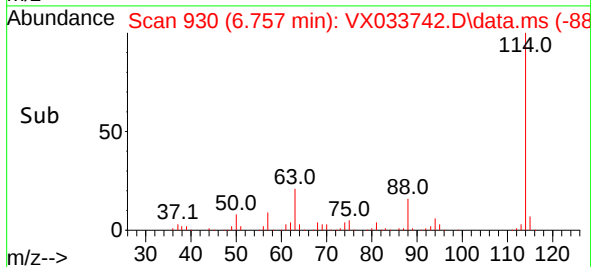
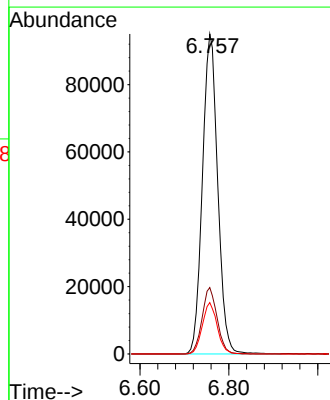
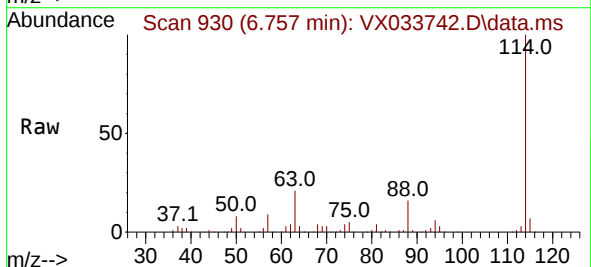
Tgt Ion:114 Resp: 227678

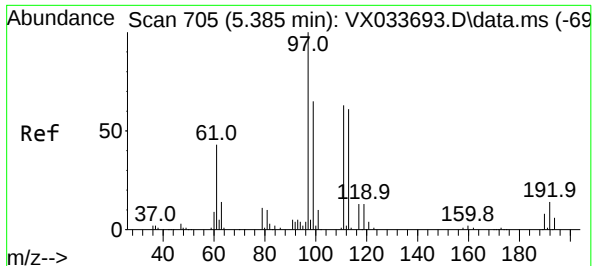
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.110 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 69430

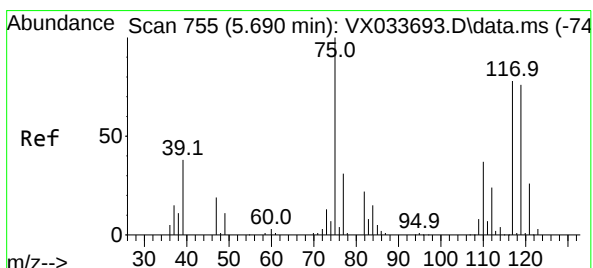
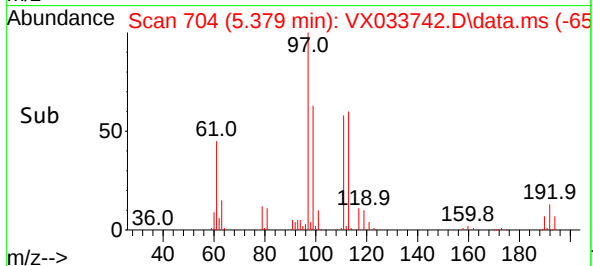
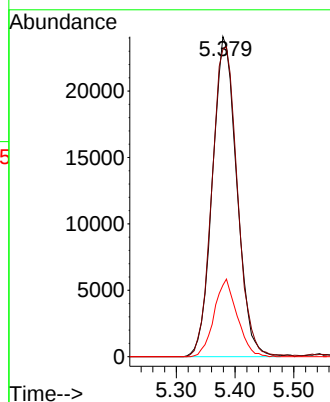
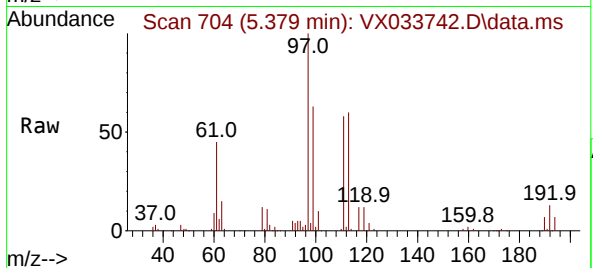
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.6
192	22.9	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#36

1,1-Dichloropropene

Concen: 49.859 ug/l

RT: 5.690 min Scan# 755

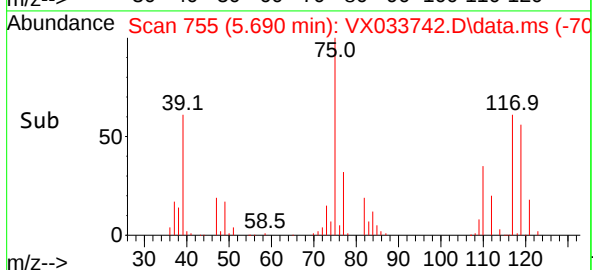
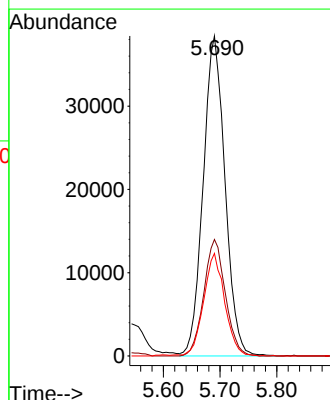
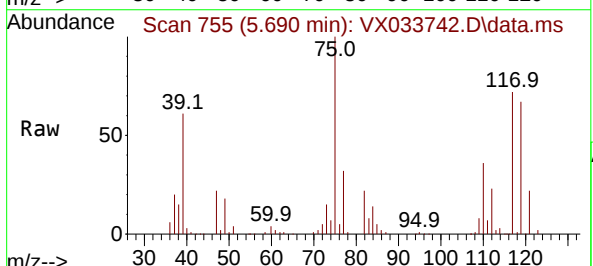
Delta R.T. -0.000 min

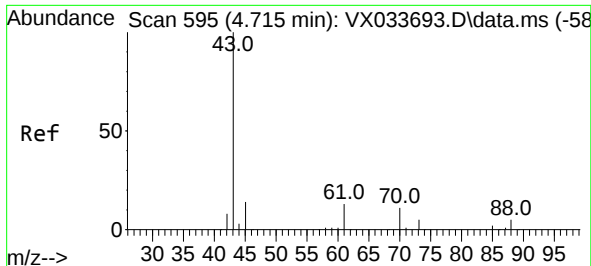
Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Tgt Ion: 75 Resp: 102875

Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.8	56.4
77	31.0	25.1	37.7





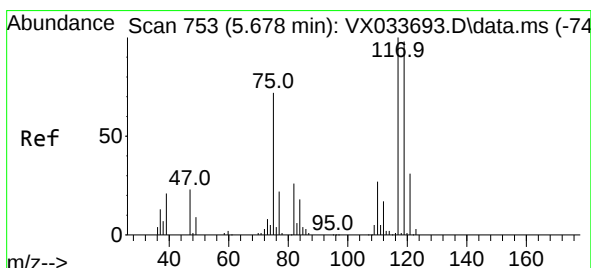
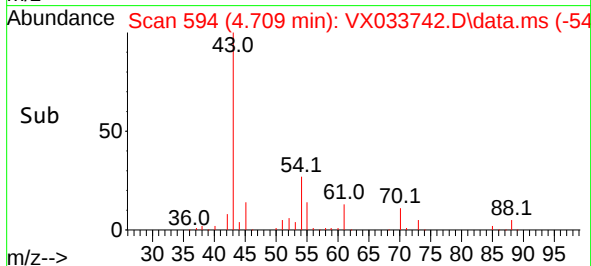
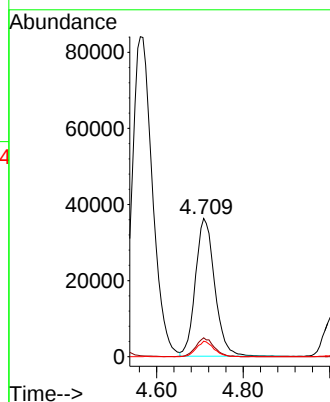
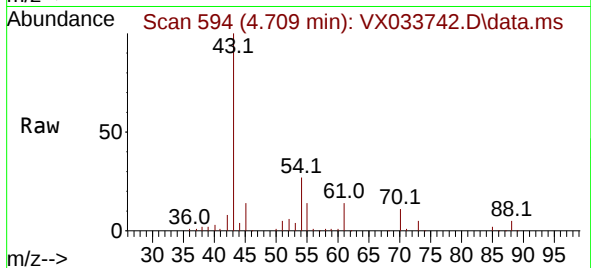
#37
Ethyl Acetate
Concen: 57.258 ug/l
RT: 4.709 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 111912
Ion Ratio Lower Upper
43 100
61 12.9 11.1 16.7
70 10.1 8.5 12.7

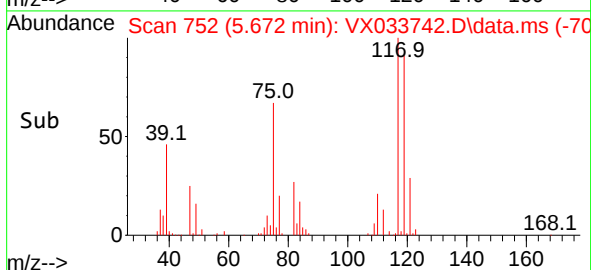
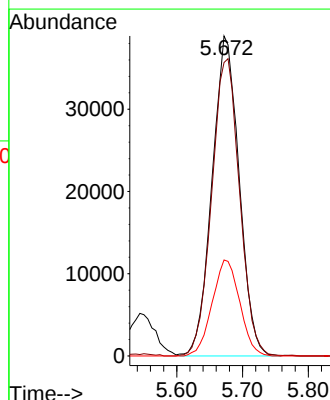
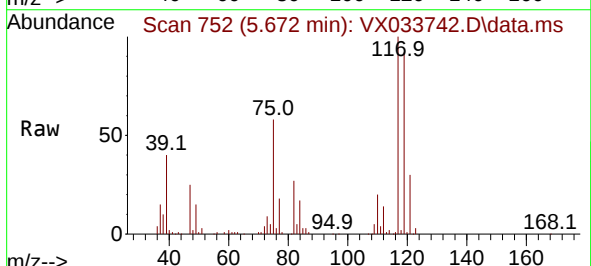
Manual Integrations
APPROVED

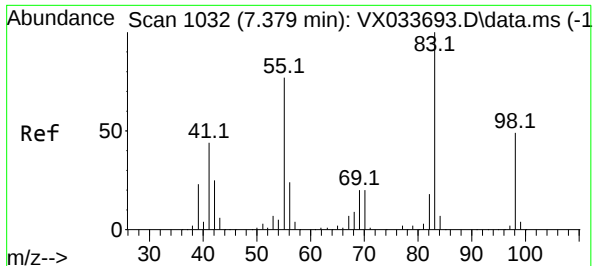
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#38
Carbon Tetrachloride
Concen: 52.148 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion:117 Resp: 111441
Ion Ratio Lower Upper
117 100
119 91.5 78.0 117.0
121 30.0 24.4 36.6





#39

Methylcyclohexane

Concen: 49.571 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 126308

Ion Ratio Lower Upper

83 100

55 78.7 61.8 92.6

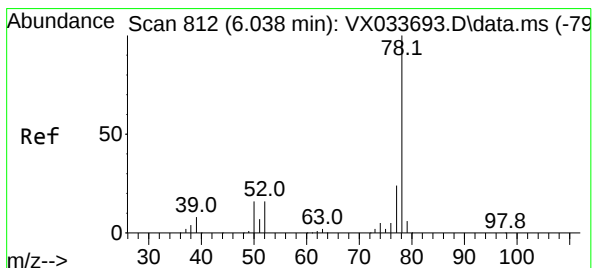
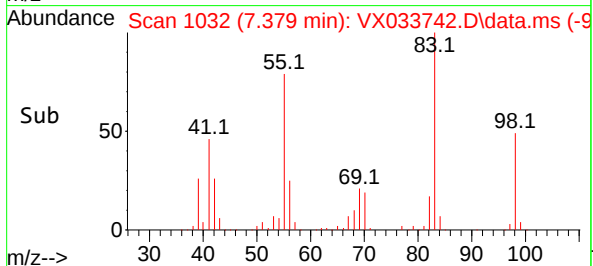
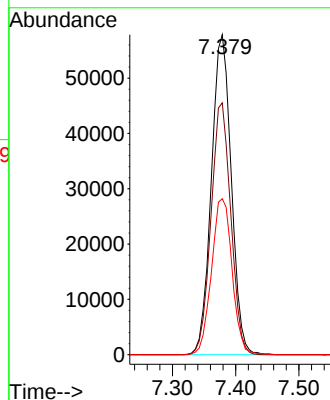
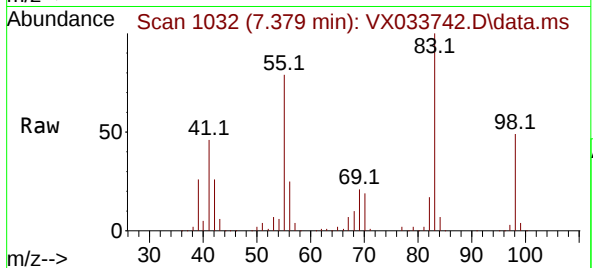
98 48.8 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#40

Benzene

Concen: 47.998 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX033742.D

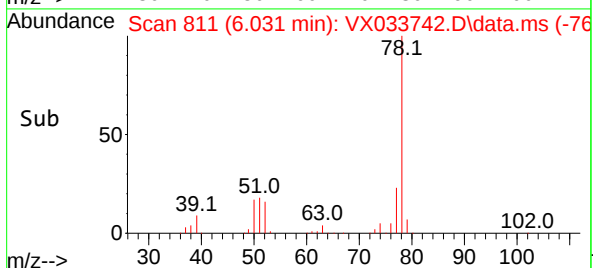
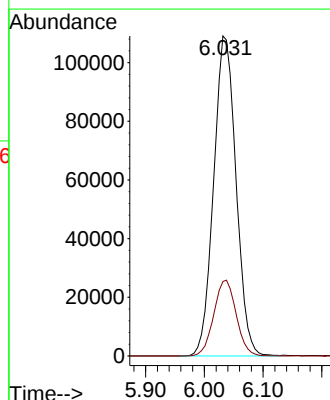
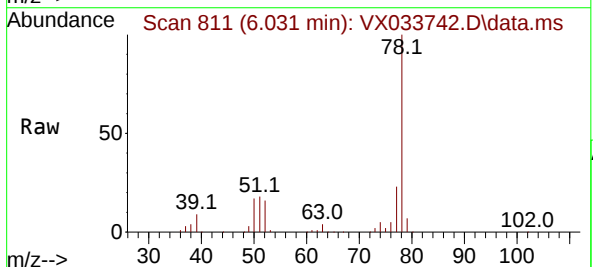
Acq: 16 Jan 2023 11:32

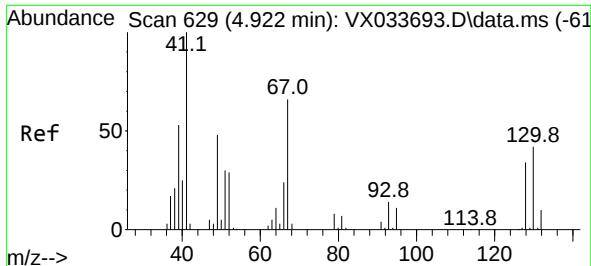
Tgt Ion: 78 Resp: 288661

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4





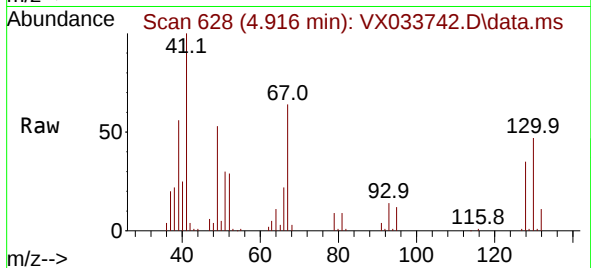
#41
Methacrylonitrile
Concen: 56.180 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



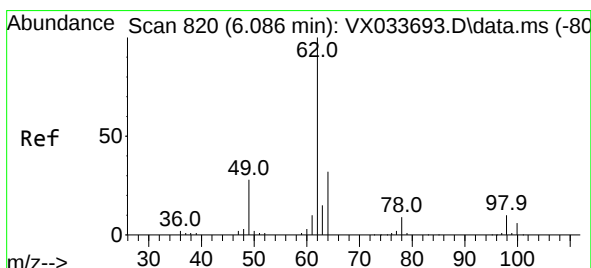
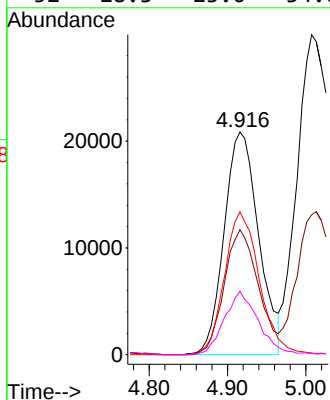
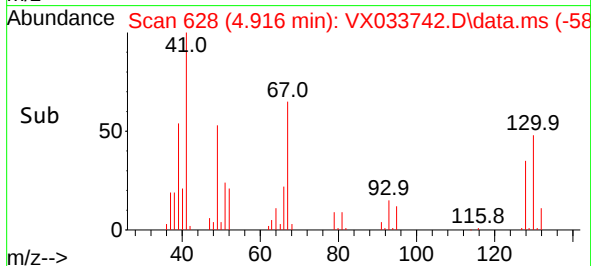
Tgt Ion: 41 Resp: 63878
Ion Ratio Lower Upper
41 100
39 55.8 43.8 65.6
67 65.1 54.8 82.2
52 28.3 23.0 34.6

Manual Integrations

APPROVED

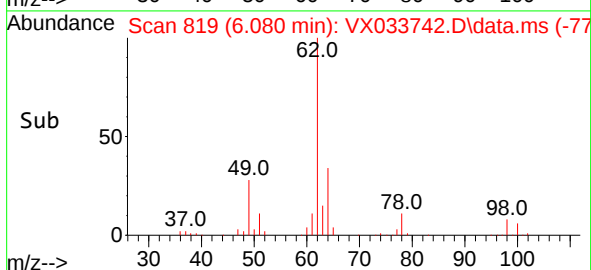
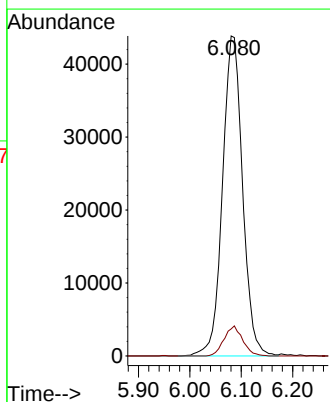
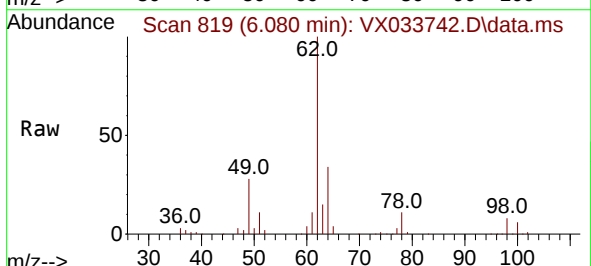
Reviewed By :John Carlone 01/17/2023

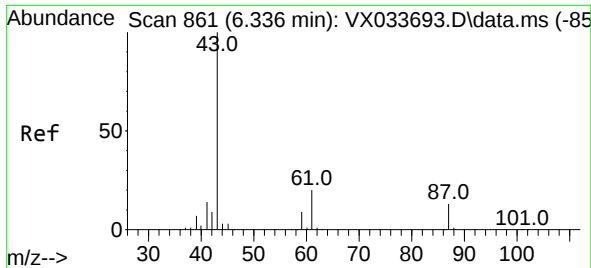
Supervised By :Mahesh Dadoda 01/17/2023



#42
1,2-Dichloroethane
Concen: 55.886 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion: 62 Resp: 119111
Ion Ratio Lower Upper
62 100
98 8.7 0.0 20.2





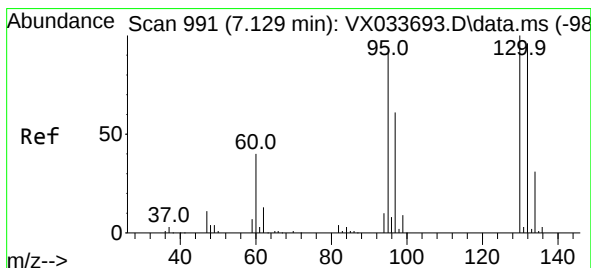
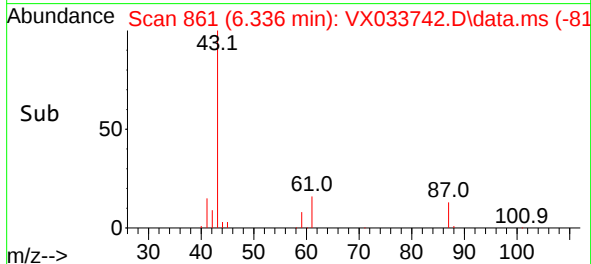
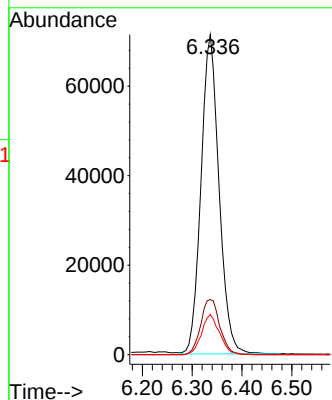
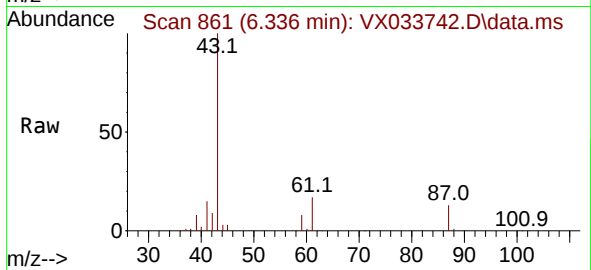
#43
Isopropyl Acetate
Concen: 54.853 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 178674
Ion Ratio Lower Upper
43 100
61 18.4 15.7 23.5
87 12.6 10.6 15.8

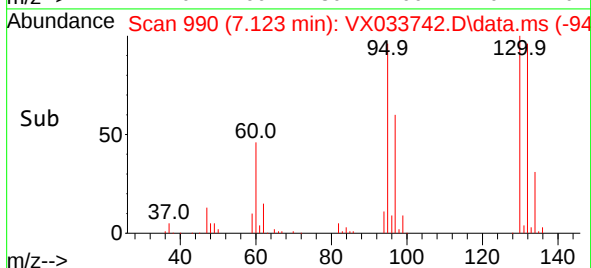
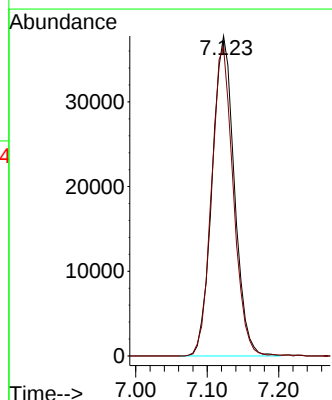
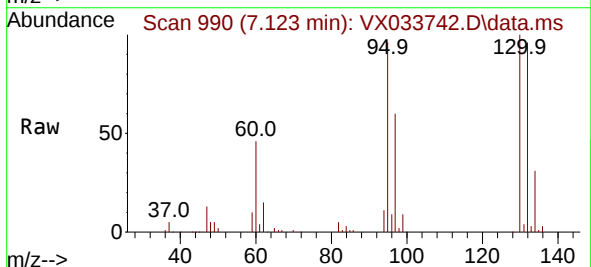
Manual Integrations
APPROVED

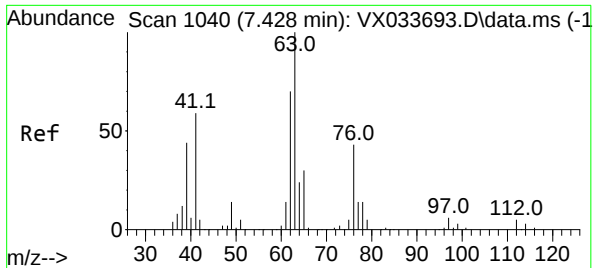
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#44
Trichloroethene
Concen: 48.434 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion:130 Resp: 81455
Ion Ratio Lower Upper
130 100
95 96.4 0.0 182.6





#45

1,2-Dichloropropane

Concen: 50.412 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 75949

Ion Ratio Lower Upper

63 100

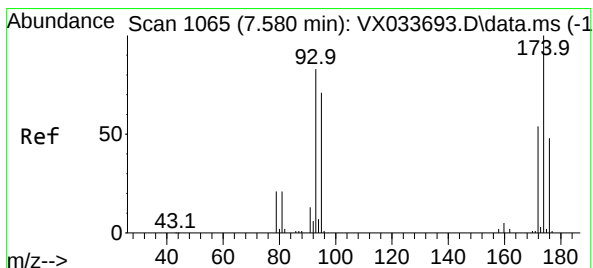
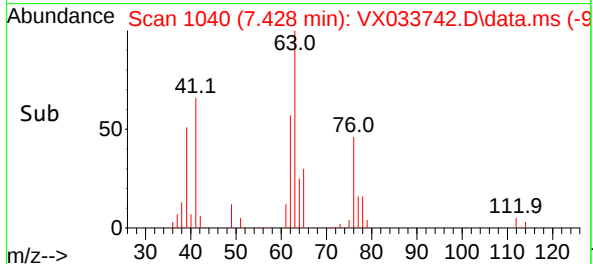
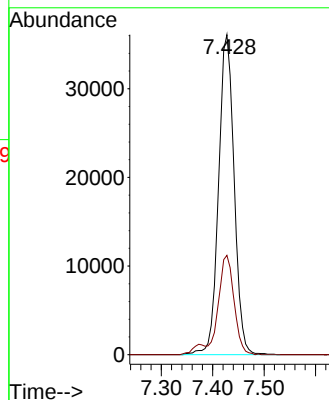
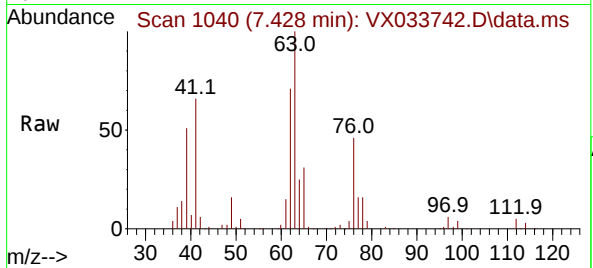
65 31.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#46

Dibromomethane

Concen: 52.357 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

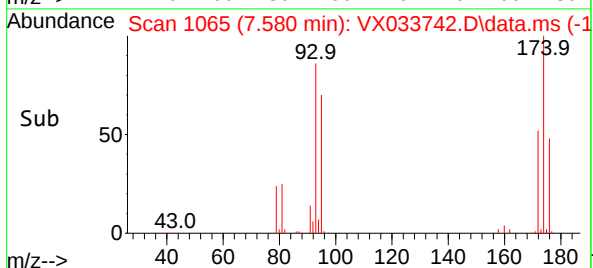
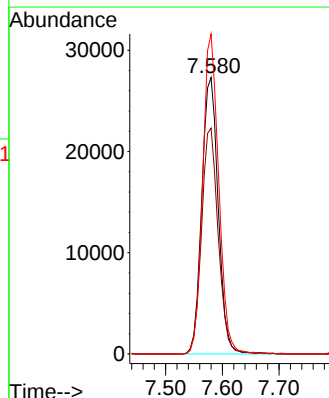
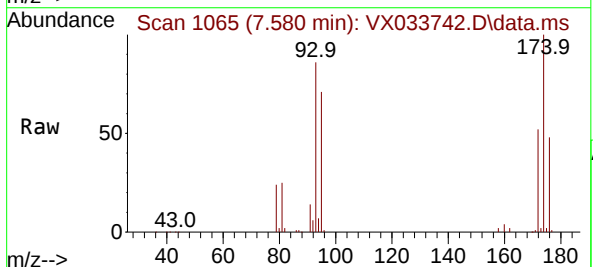
Tgt Ion: 93 Resp: 55096

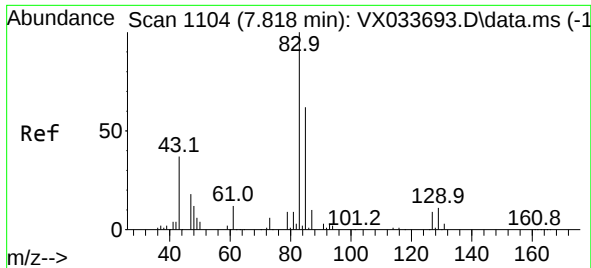
Ion Ratio Lower Upper

93 100

95 82.2 67.6 101.4

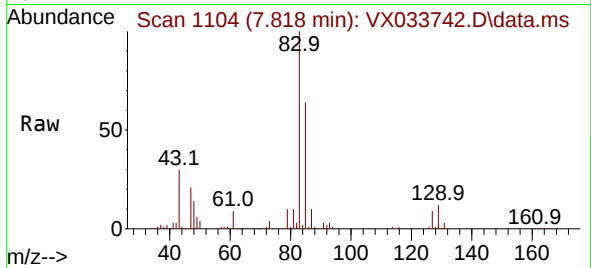
174 112.6 97.4 146.0





#47
Bromodichloromethane
Concen: 55.114 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

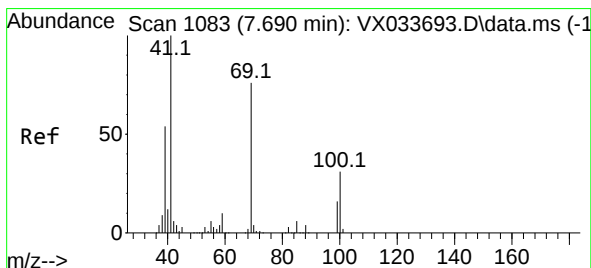
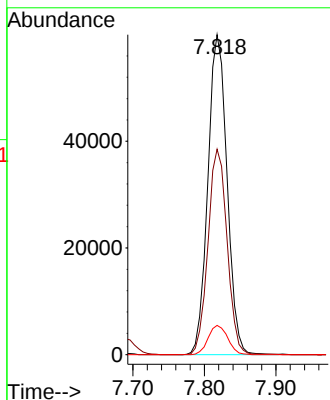
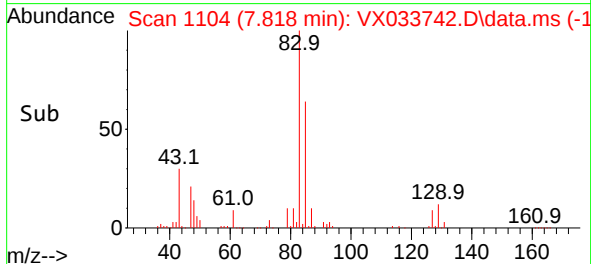
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 111770
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 9.2 7.0 10.4

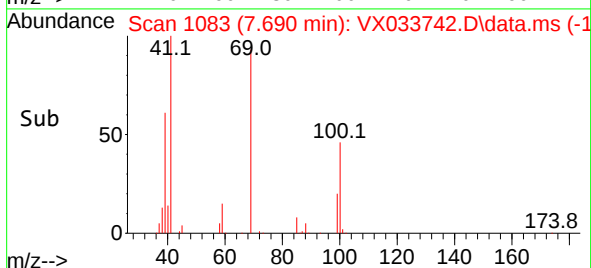
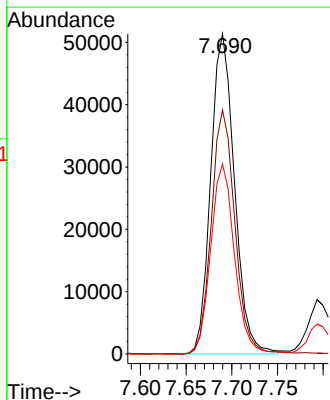
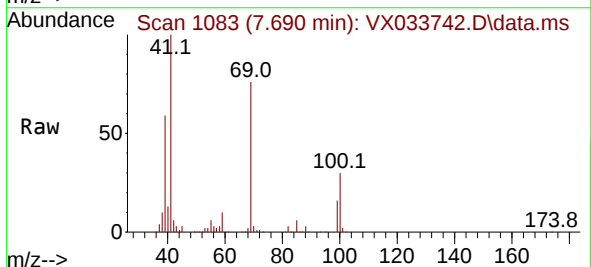
Manual Integrations
APPROVED

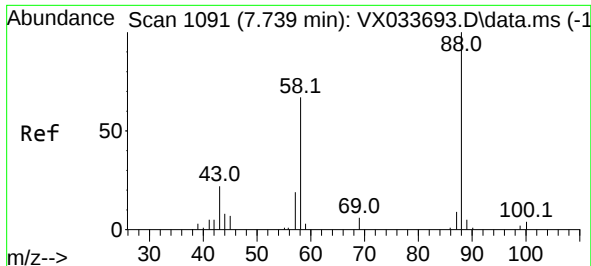
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#48
Methyl methacrylate
Concen: 56.563 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion: 41 Resp: 92811
Ion Ratio Lower Upper
41 100
69 76.1 63.1 94.7
39 59.5 43.2 64.8





#49

1,4-Dioxane

Concen: 1006.750 ug/l

RT: 7.739 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

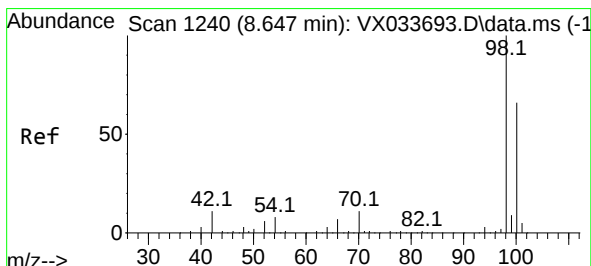
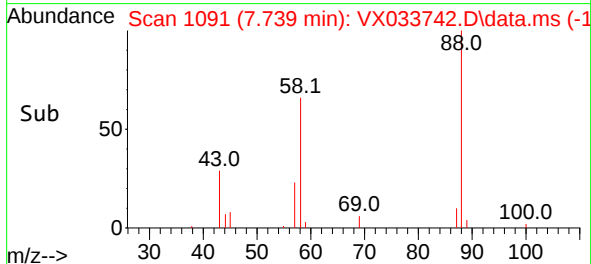
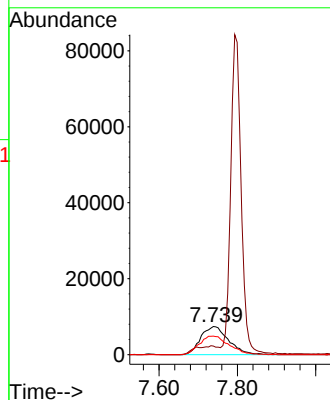
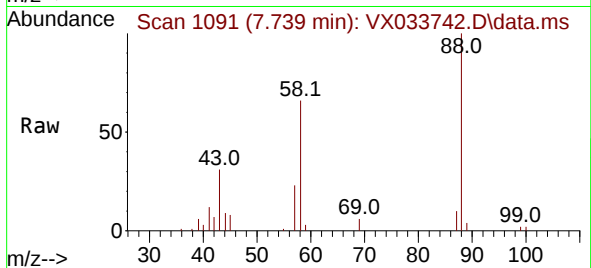
Tgt Ion: 88 Resp: 36540
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 70.4 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#50

Toluene-d8

Concen: 51.112 ug/l

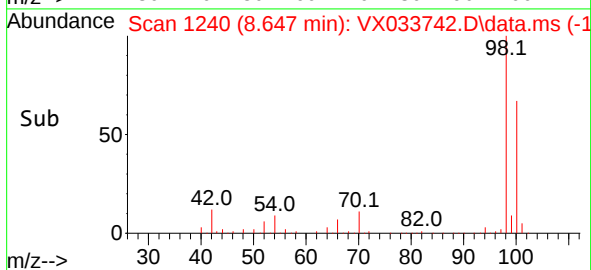
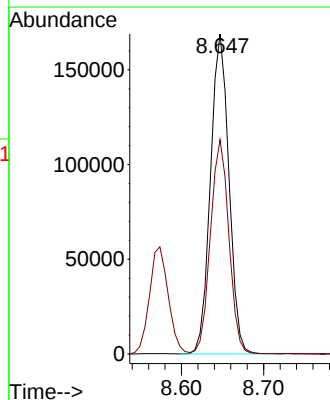
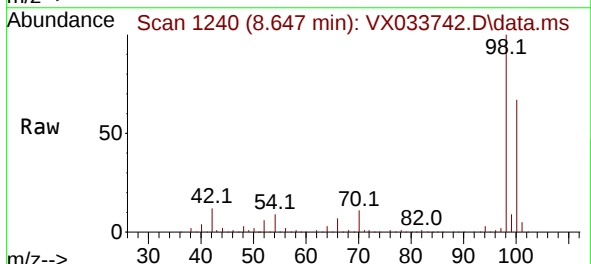
RT: 8.647 min Scan# 1240

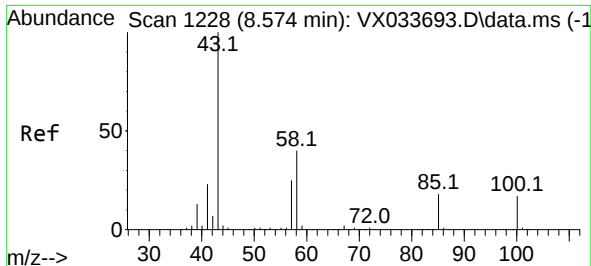
Delta R.T. -0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Tgt Ion: 98 Resp: 263281
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.6 80.4





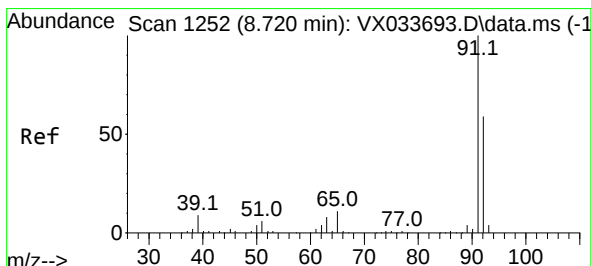
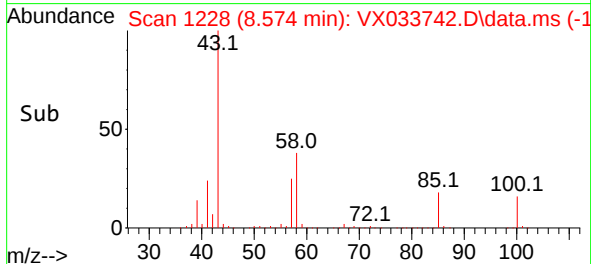
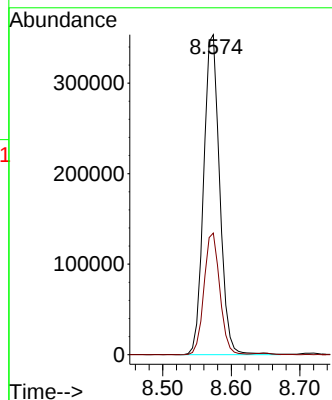
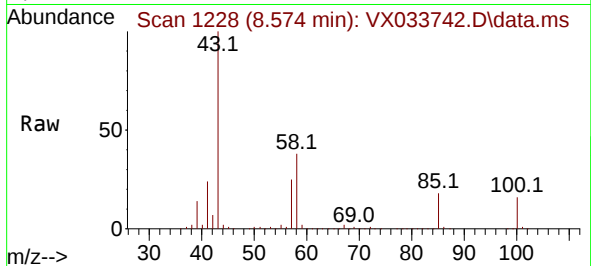
#51
4-Methyl-2-Pentanone
Concen: 288.046 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 57623
Ion Ratio Lower Upper
43 100
58 37.4 31.2 46.8

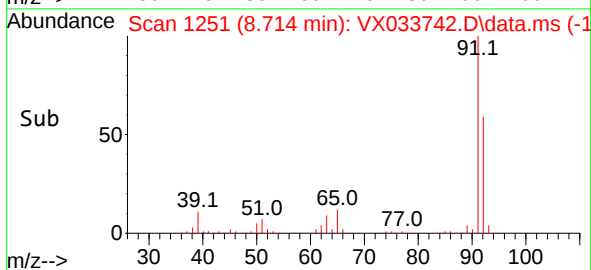
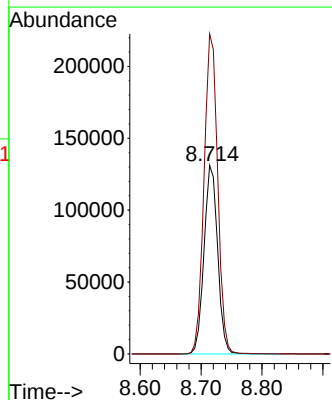
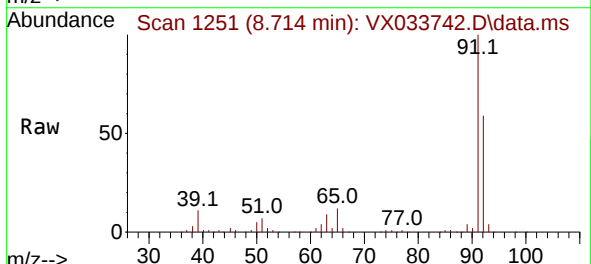
Manual Integrations
APPROVED

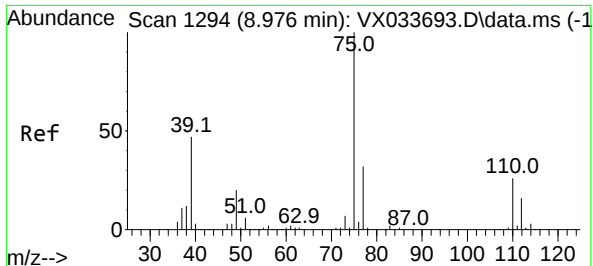
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#52
Toluene
Concen: 52.457 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion: 92 Resp: 203732
Ion Ratio Lower Upper
92 100
91 170.2 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 61.029 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 123774

Ion Ratio Lower Upper

75 100

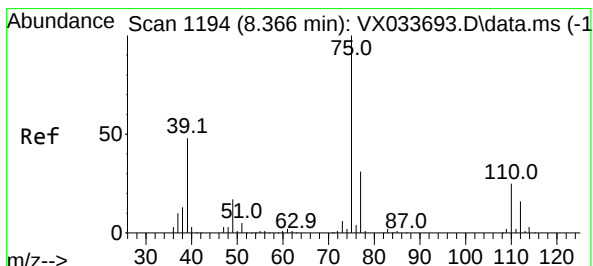
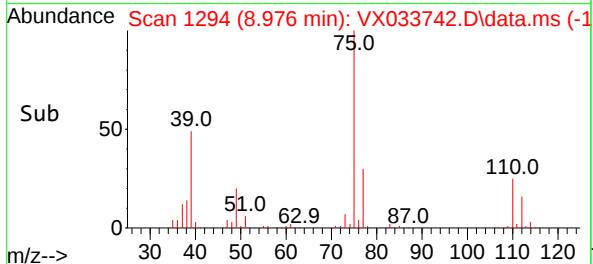
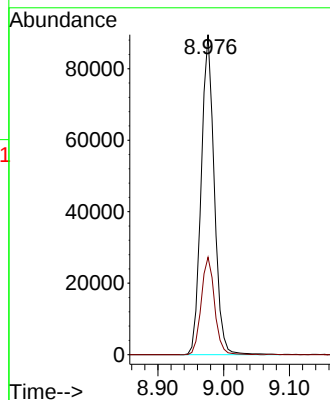
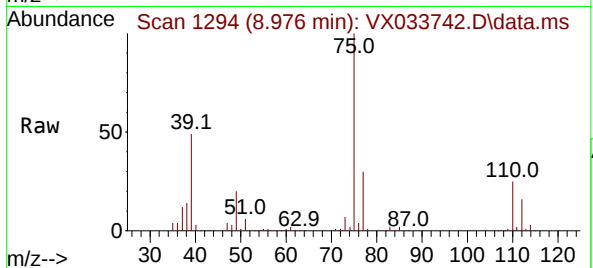
77 30.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#54

cis-1,3-Dichloropropene

Concen: 56.719 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

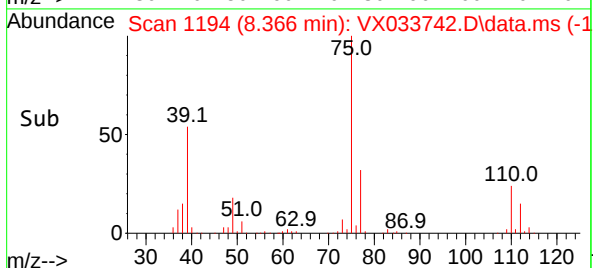
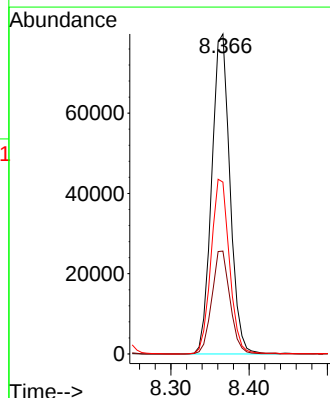
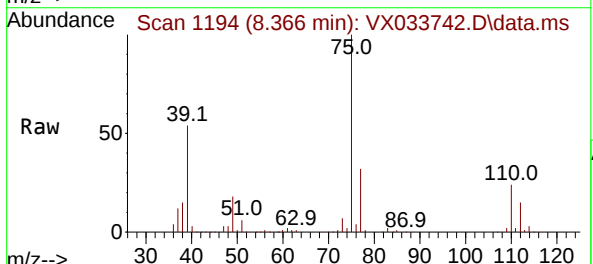
Tgt Ion: 75 Resp: 128894

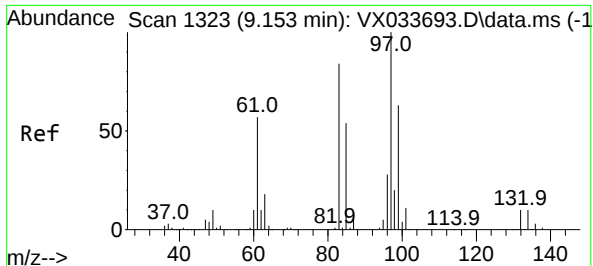
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

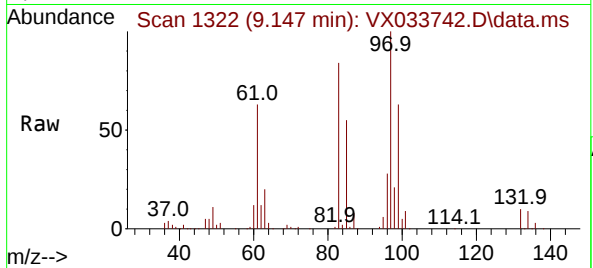
39 53.7 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 54.110 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

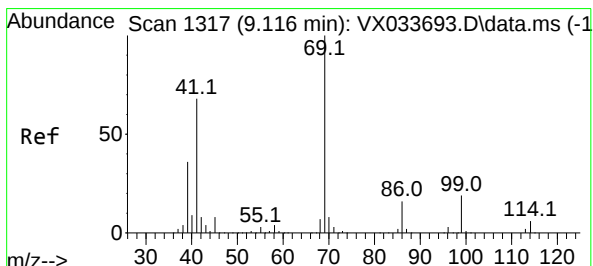
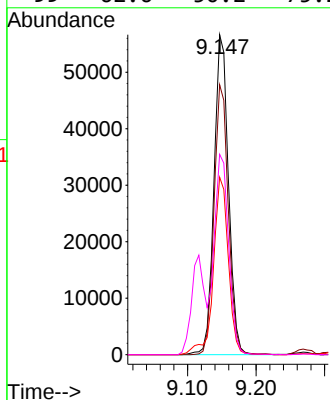
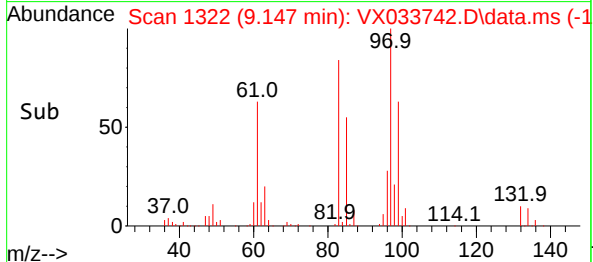
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.0
85	55.4	43.2	64.8
99	62.6	50.2	75.2

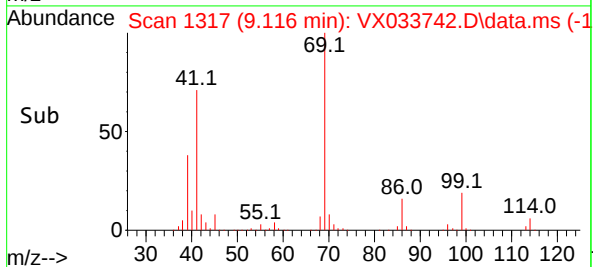
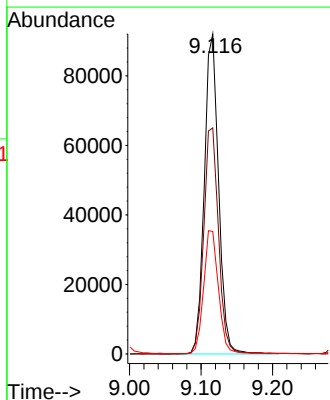
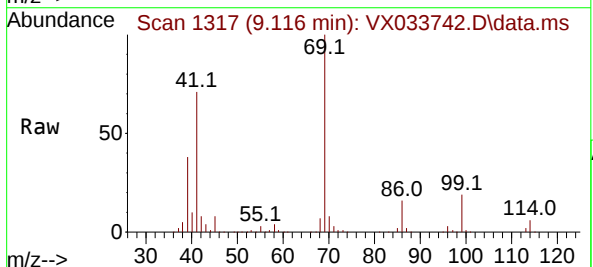
Manual Integrations
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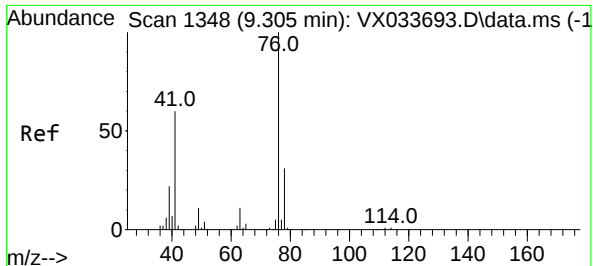
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#56
Ethyl methacrylate
Concen: 59.180 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.4	55.1	82.7
39	39.9	28.5	42.7





#57

1,3-Dichloropropane

Concen: 55.641 ug/l

RT: 9.305 min Scan# 113870

Delta R.T. -0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 13870

Ion Ratio Lower Upper

76 100

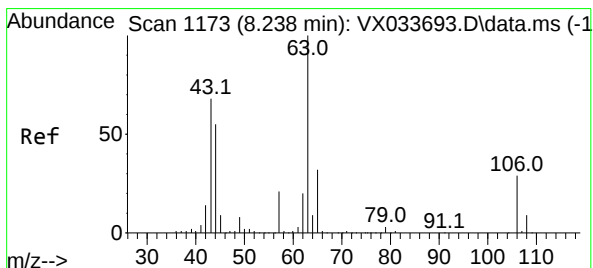
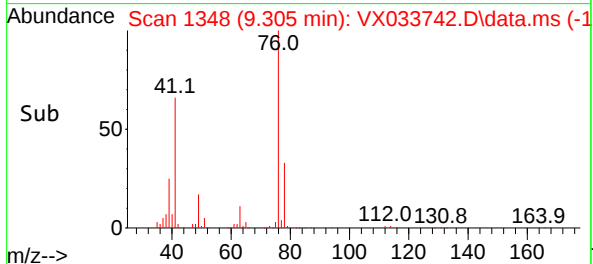
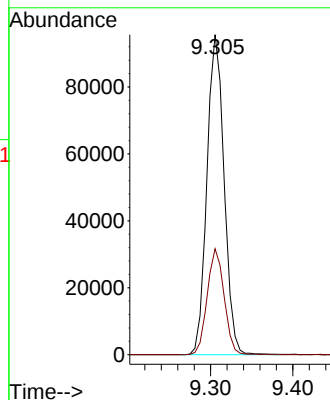
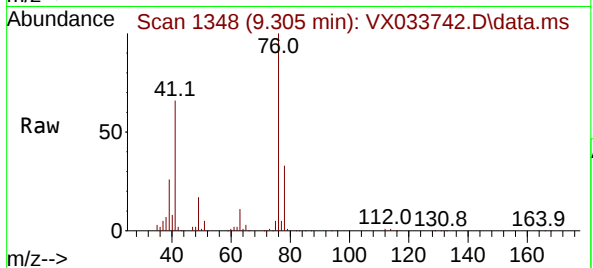
78 32.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 279.848 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033742.D

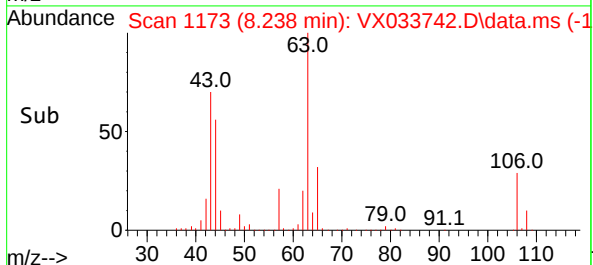
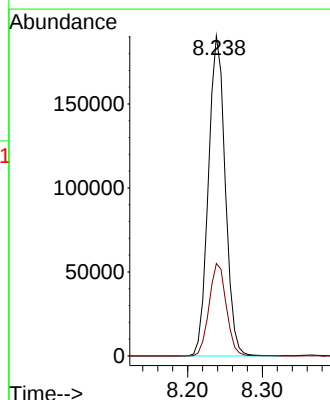
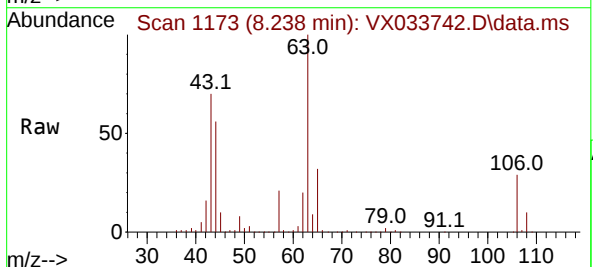
Acq: 16 Jan 2023 11:32

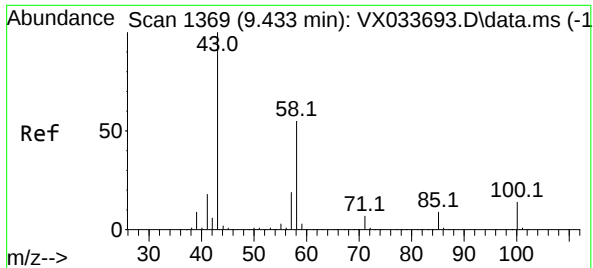
Tgt Ion: 63 Resp: 298185

Ion Ratio Lower Upper

63 100

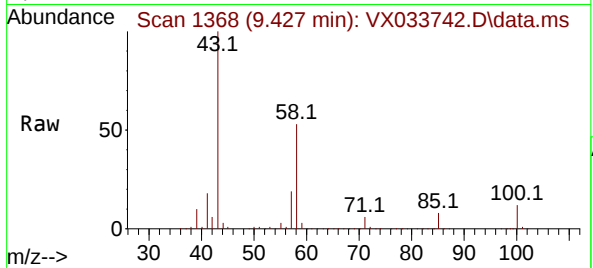
106 29.4 24.5 36.7





#59
2-Hexanone
Concen: 308.791 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

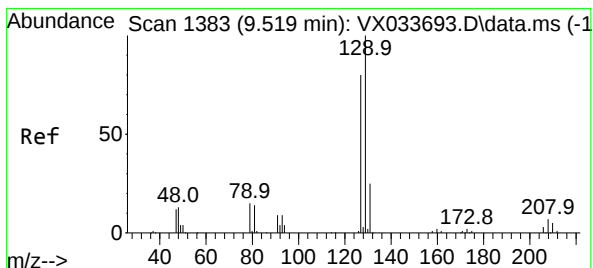
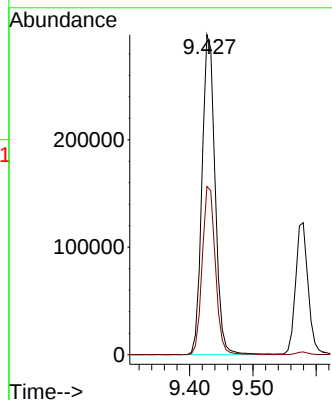
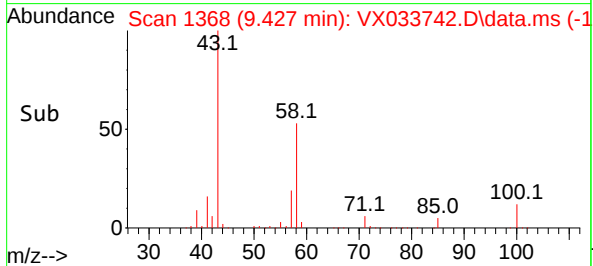
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



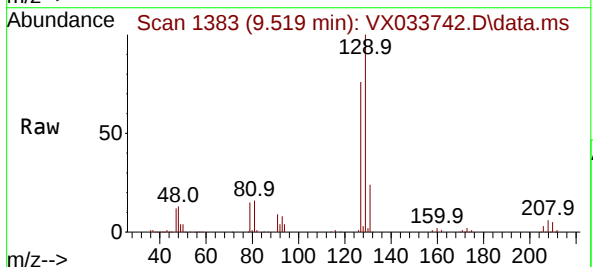
Tgt Ion: 43 Resp: 42995
Ion Ratio Lower Upper
43 100
58 52.8 27.4 82.0

Manual Integrations
APPROVED

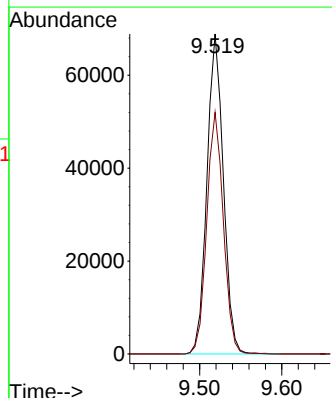
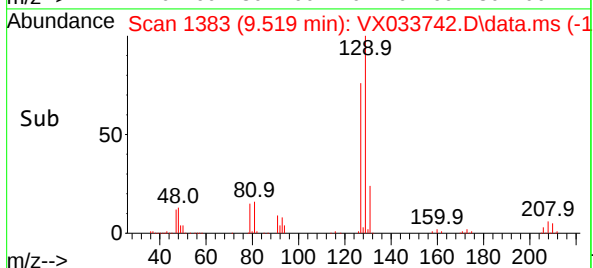
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

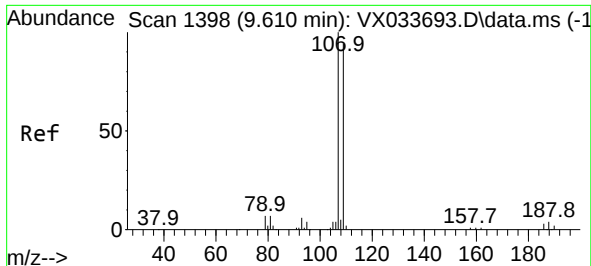


#60
Dibromochloromethane
Concen: 59.914 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32



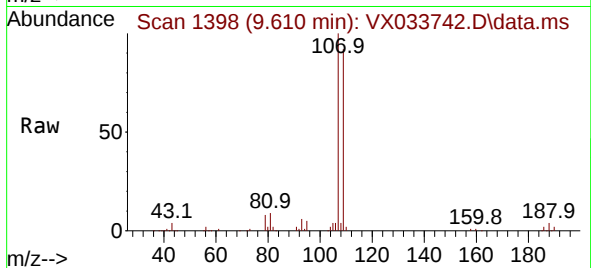
Tgt Ion:129 Resp: 95493
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61
1,2-Dibromoethane
Concen: 58.910 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

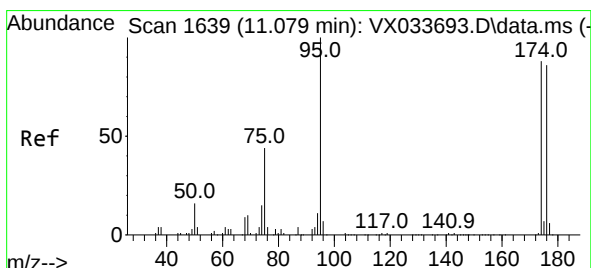
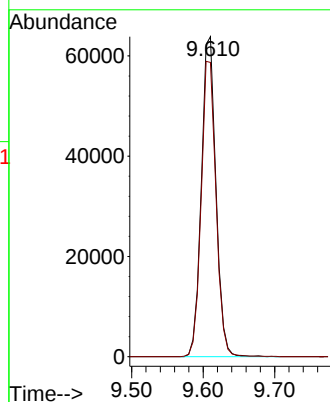
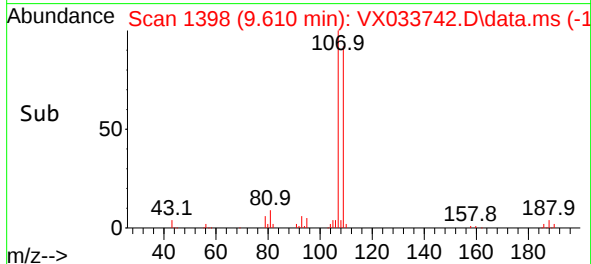
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



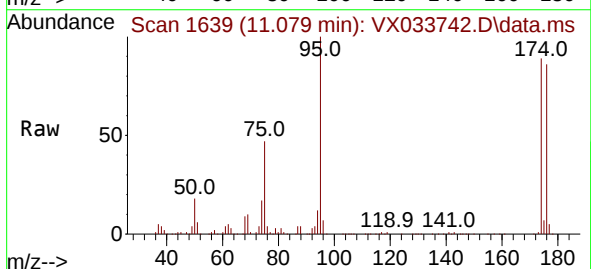
Tgt Ion:107 Resp: 90384
Ion Ratio Lower Upper
107 100
109 93.8 74.2 111.2

Manual Integrations
APPROVED

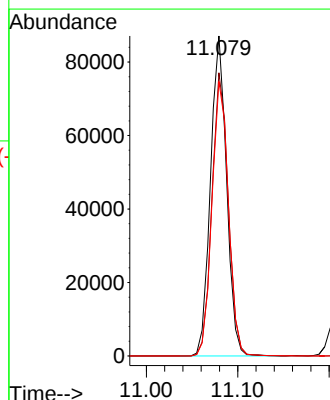
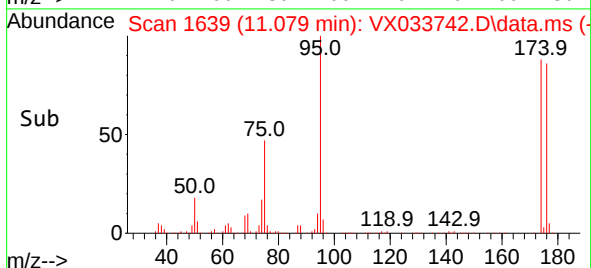
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

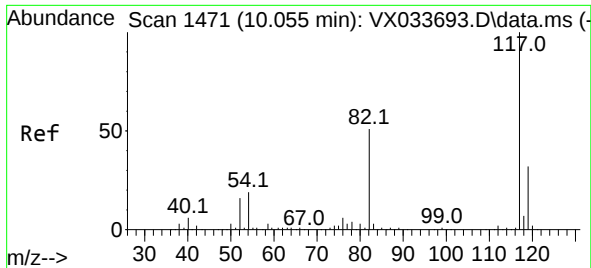


#62
4-Bromofluorobenzene
Concen: 55.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32



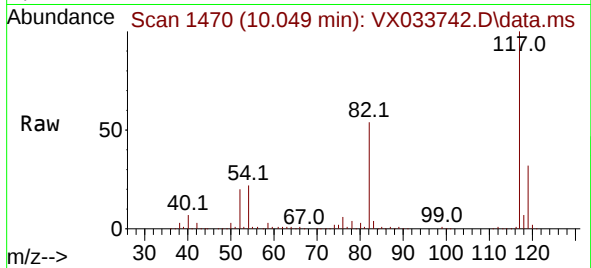
Tgt Ion: 95 Resp: 106142
Ion Ratio Lower Upper
95 100
174 89.7 0.0 184.4
176 88.0 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

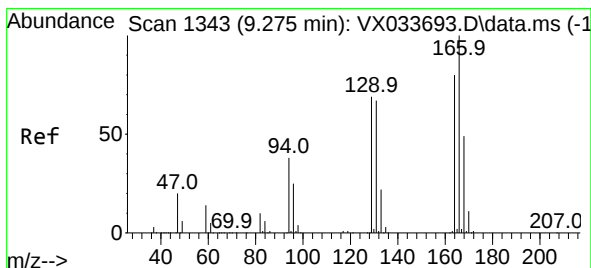
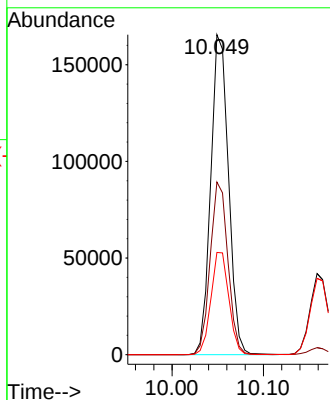
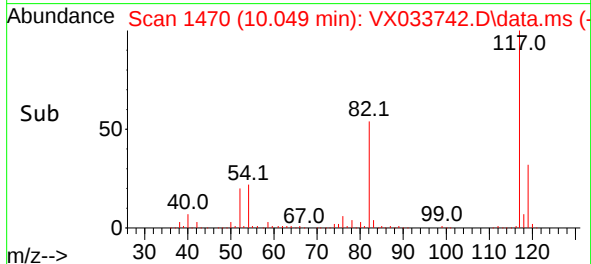
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 22330
Ion Ratio Lower Upper
117 100
82 53.9 40.6 60.8
119 32.0 25.6 38.4

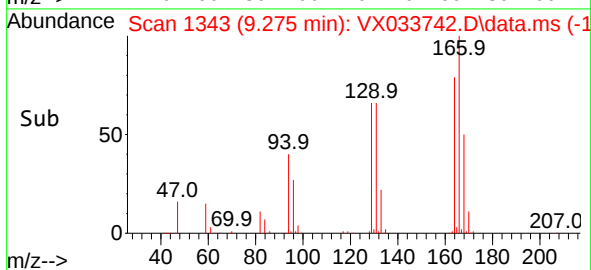
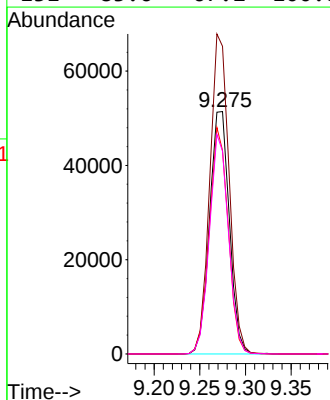
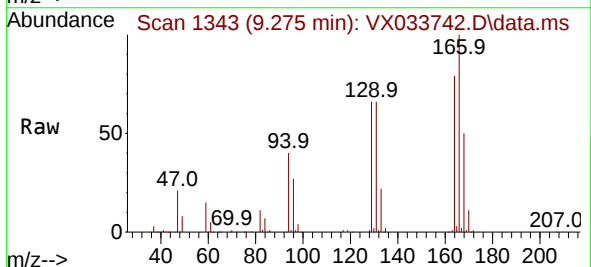
Manual Integrations
APPROVED

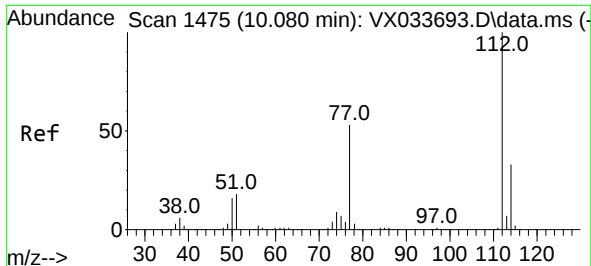
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#64
Tetrachloroethene
Concen: 49.281 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion:164 Resp: 77513
Ion Ratio Lower Upper
164 100
166 126.9 100.2 150.2
129 83.9 69.2 103.8
131 83.6 67.2 100.8





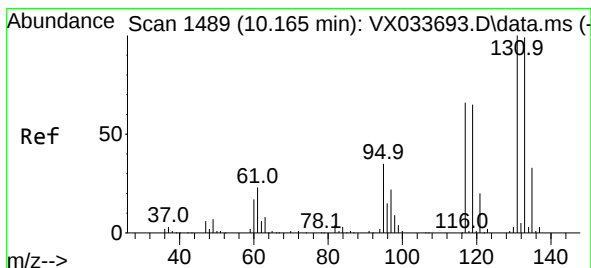
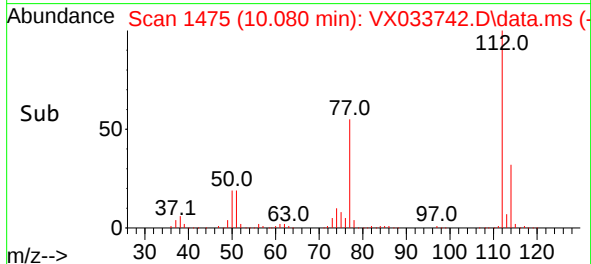
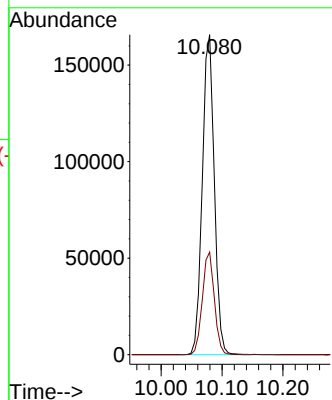
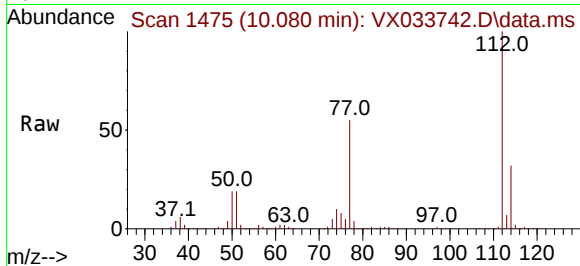
#65
Chlorobenzene
Concen: 49.151 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 227210
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4

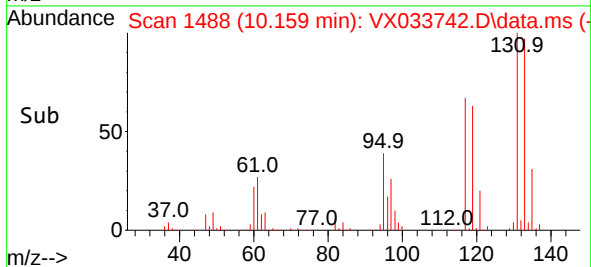
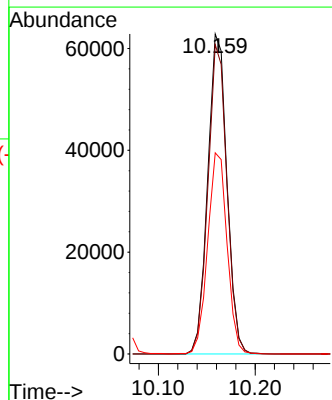
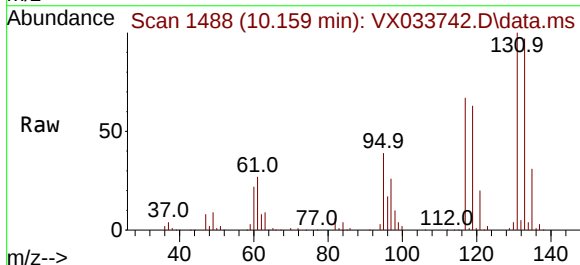
Manual Integrations
APPROVED

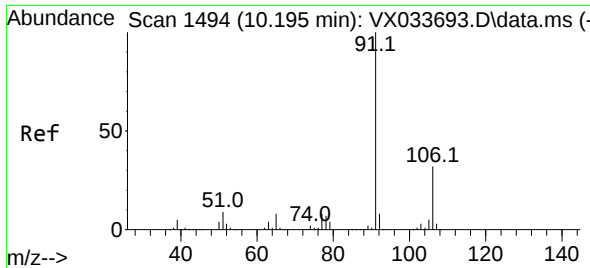
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.144 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

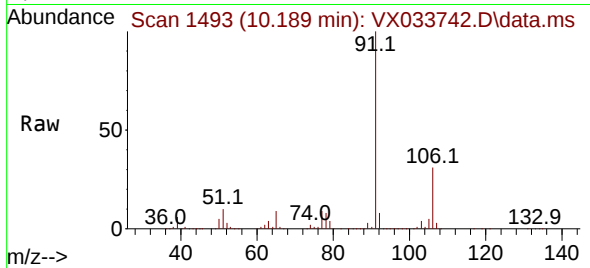
Tgt Ion:131 Resp: 87011
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 63.5 31.9 95.7





#67
Ethyl Benzene
Concen: 50.664 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

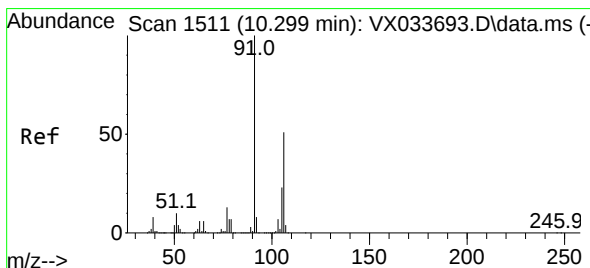
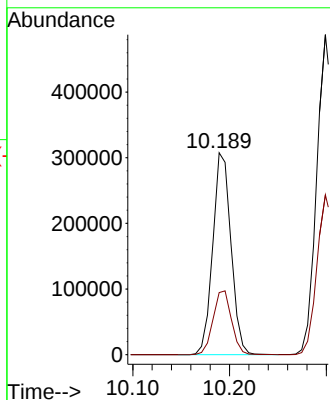
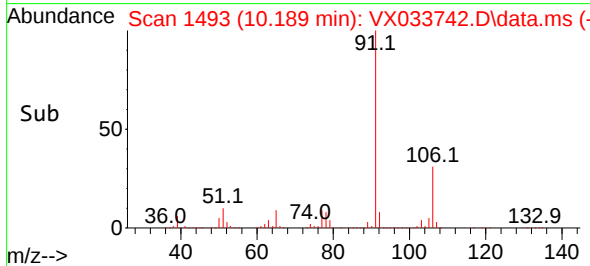
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 402129
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.8

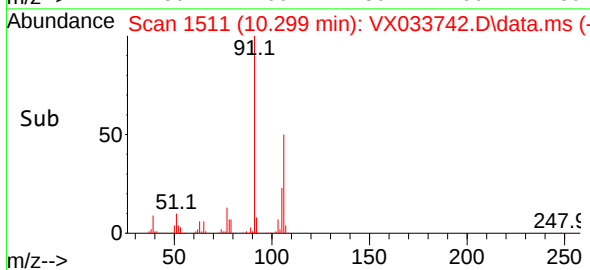
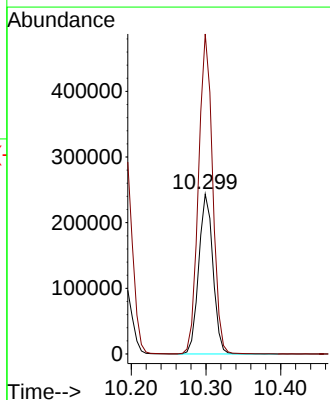
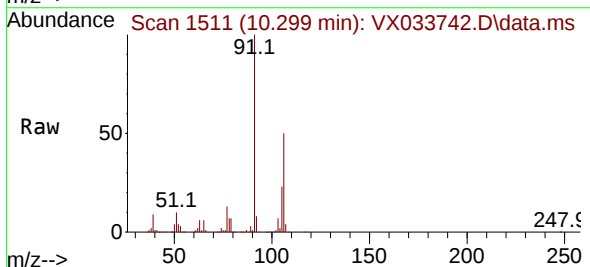
Manual Integrations
APPROVED

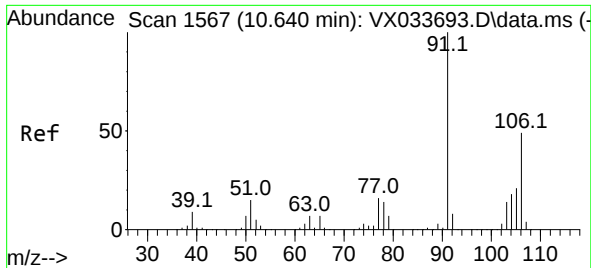
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#68
m/p-Xylenes
Concen: 103.542 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion:106 Resp: 321449
Ion Ratio Lower Upper
106 100
91 198.5 156.4 234.6





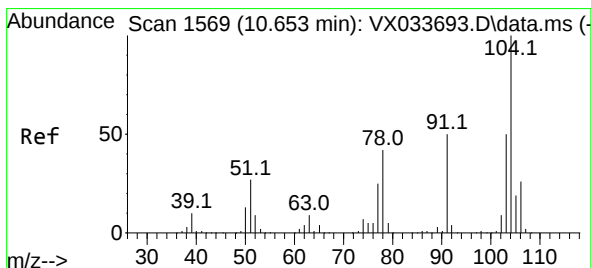
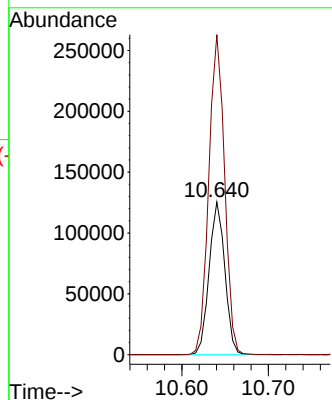
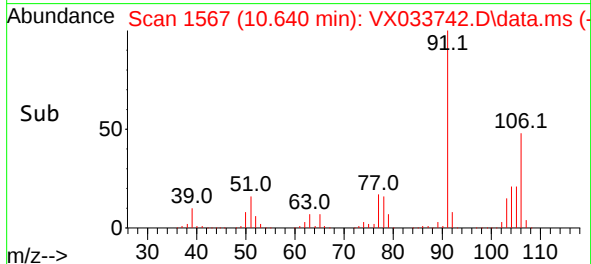
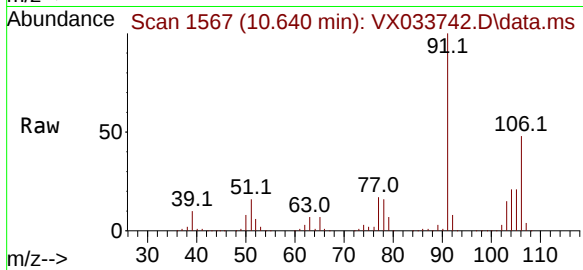
#69
o-Xylene
Concen: 51.352 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 15810
Ion Ratio Lower Upper
106 100
91 210.8 103.1 309.3

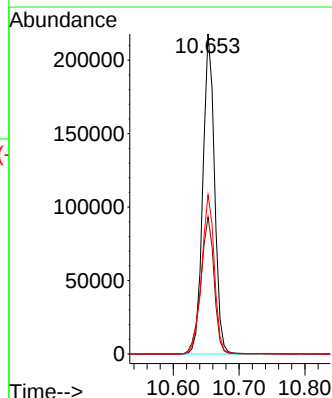
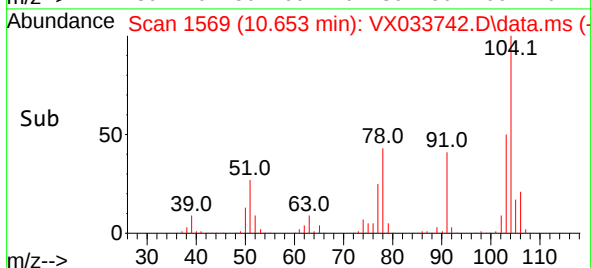
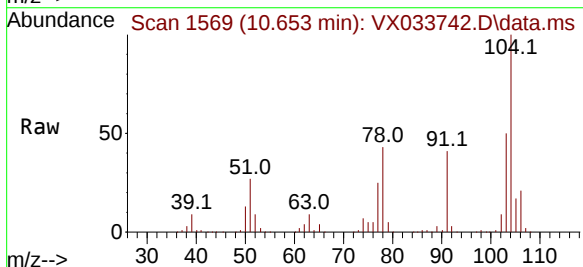
Manual Integrations
APPROVED

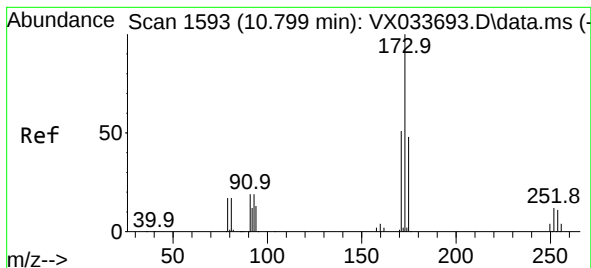
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#70
Styrene
Concen: 53.799 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion:104 Resp: 269378
Ion Ratio Lower Upper
104 100
78 48.4 37.5 56.3
103 54.3 43.3 64.9





#71

Bromoform

Concen: 52.238 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

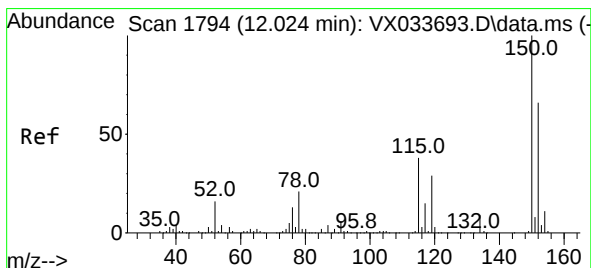
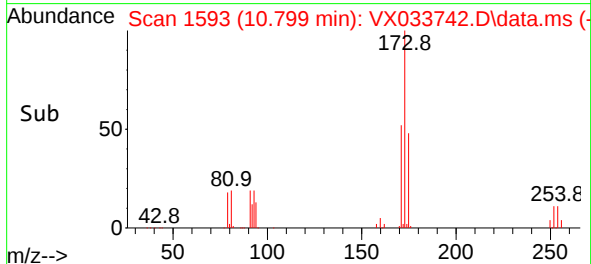
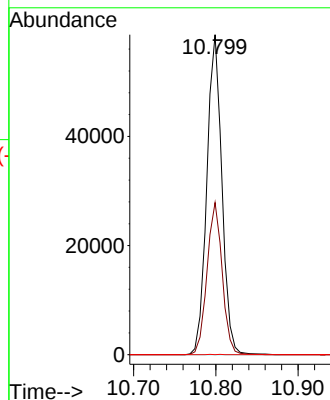
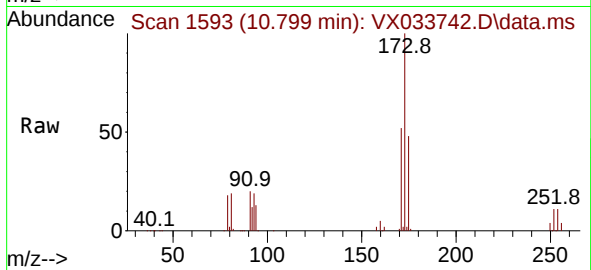
Tgt Ion:173	Resp:	7447
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.1 72.3
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

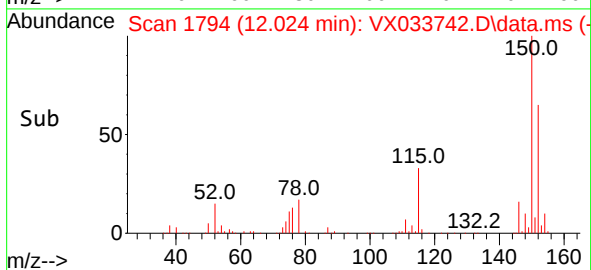
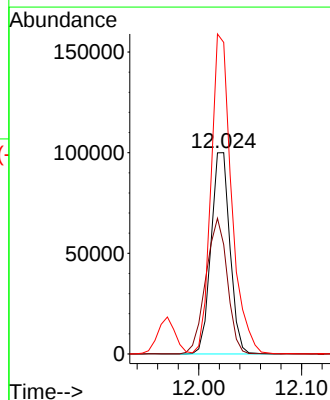
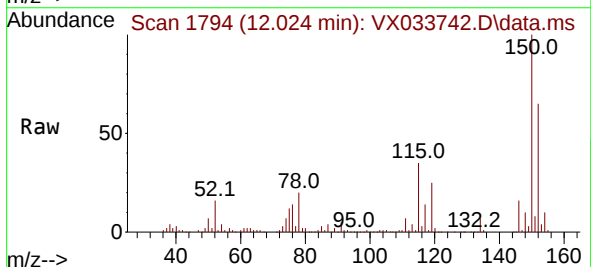
RT: 12.024 min Scan# 1794

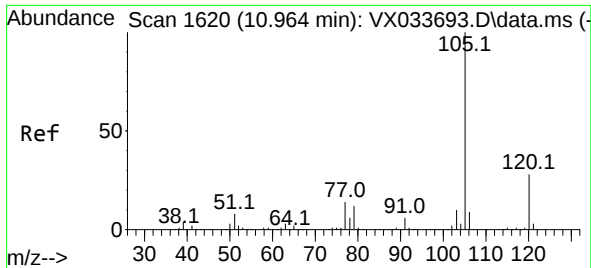
Delta R.T. 0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

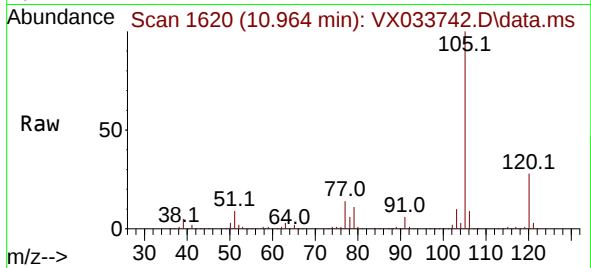
Tgt Ion:152	Resp:	127445
Ion Ratio	Lower	Upper
152	100	
115	76.8	38.7 116.1
150	172.5	0.0 348.2





#73
Isopropylbenzene
Concen: 50.472 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

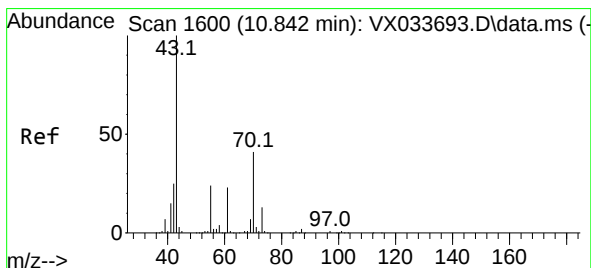
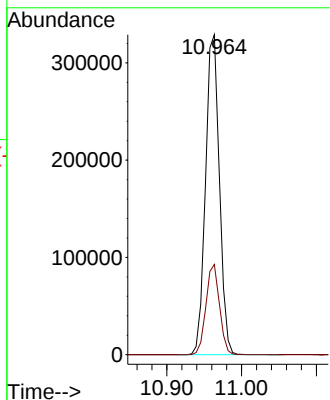
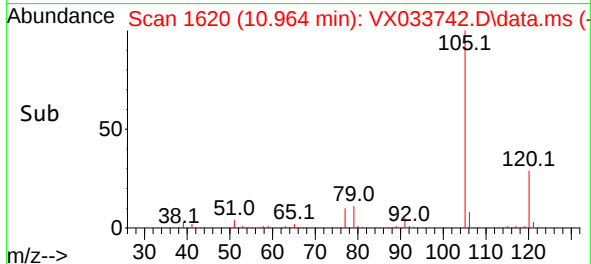
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



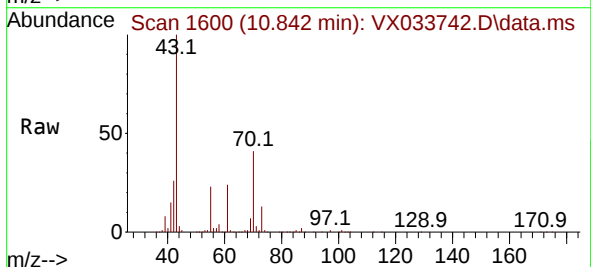
Tgt Ion:105 Resp: 423074
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.8

Manual Integrations
APPROVED

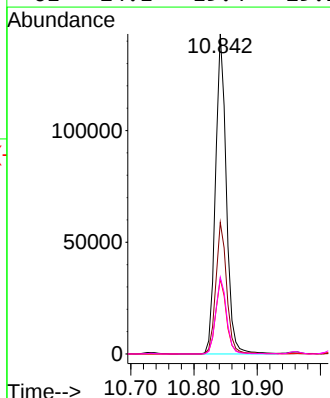
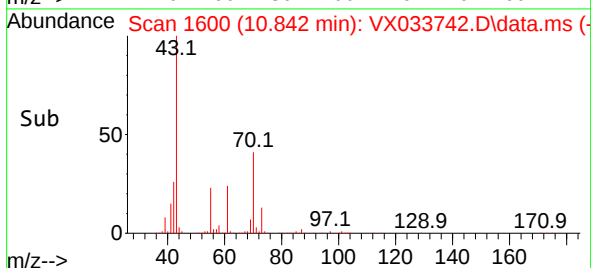
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

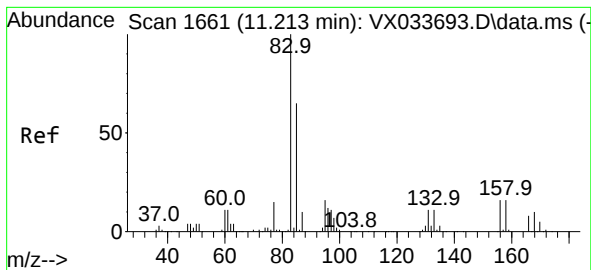


#74
N-ethyl acetate
Concen: 50.878 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32



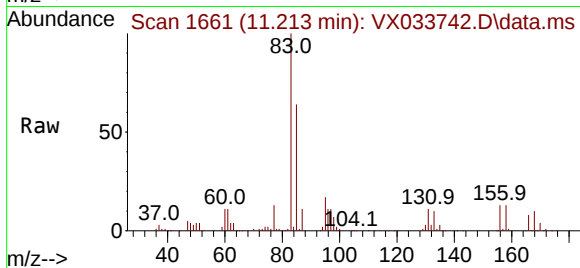
Tgt Ion: 43 Resp: 170271
Ion Ratio Lower Upper
43 100
70 41.4 34.8 52.2
55 23.5 19.4 29.0
61 24.1 19.4 29.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.890 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

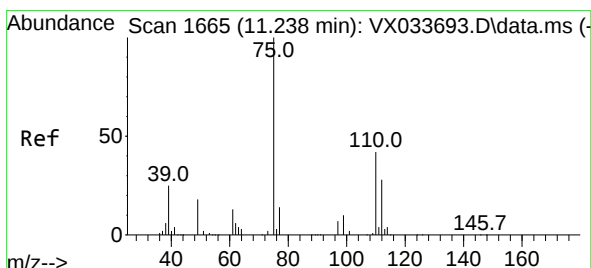
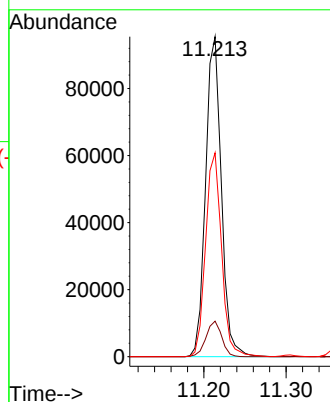
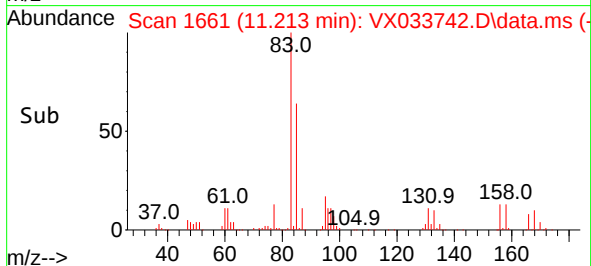
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



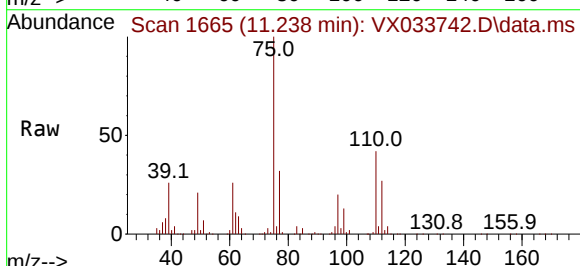
Tgt Ion: 83 Resp: 126919
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.7
85 64.7 32.3 96.9

Manual Integrations
APPROVED

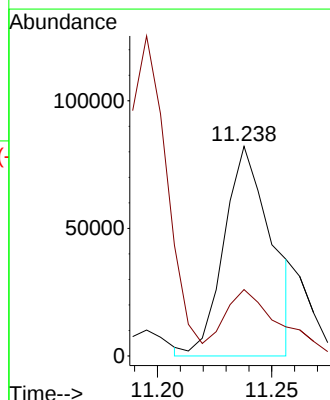
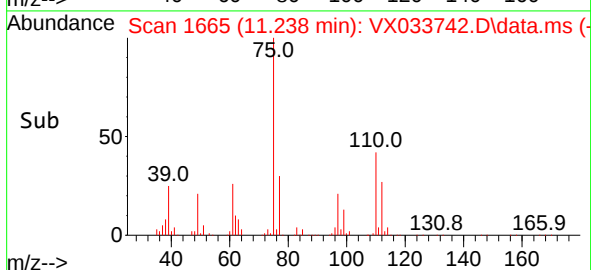
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

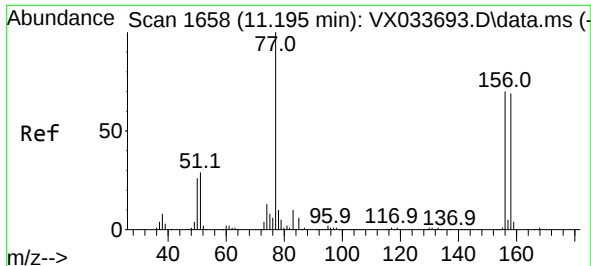


#76
1,2,3-Trichloropropane
Concen: 50.640 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32



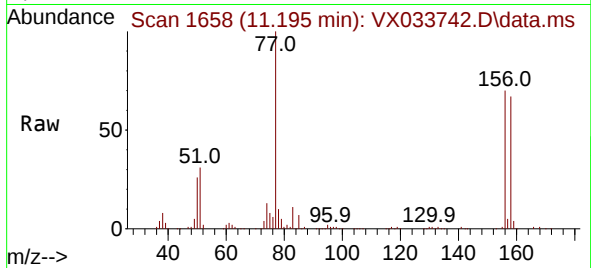
Tgt Ion: 75 Resp: 118579
Ion Ratio Lower Upper
75 100
77 37.1 21.8 65.4





#77
Bromobenzene
Concen: 49.569 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

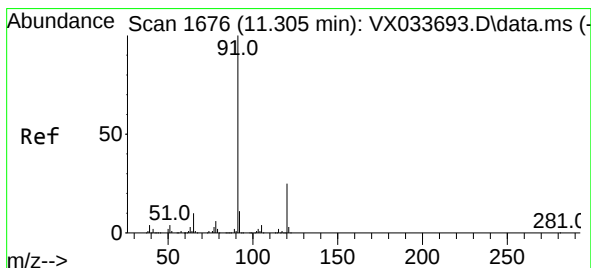
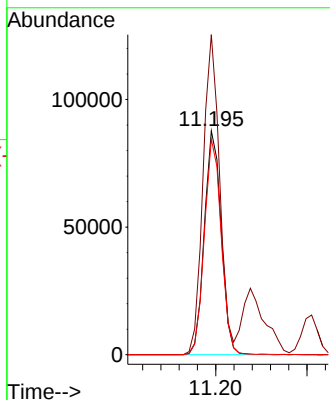
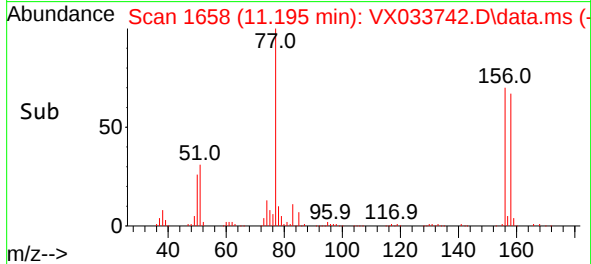
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



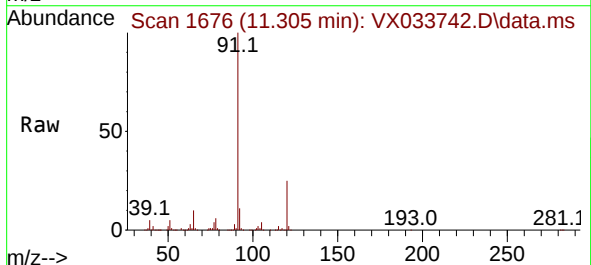
Tgt Ion:156 Resp: 11221
Ion Ratio Lower Upper
156 100
77 140.3 68.1 204.3
158 96.0 48.0 144.2

Manual Integrations
APPROVED

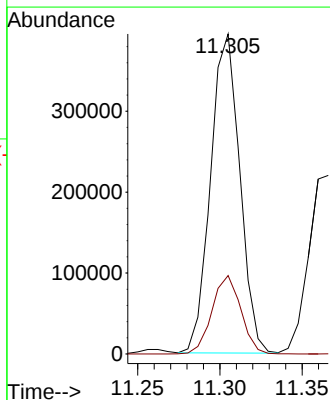
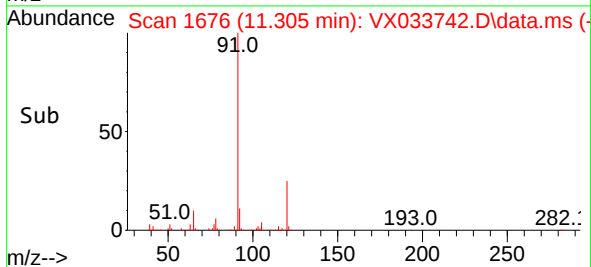
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

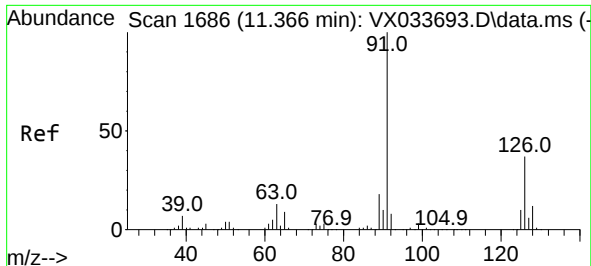


#78
n-propylbenzene
Concen: 46.891 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32



Tgt Ion: 91 Resp: 487639
Ion Ratio Lower Upper
91 100
120 24.2 12.3 36.8





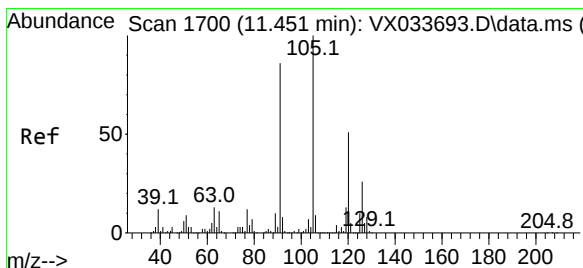
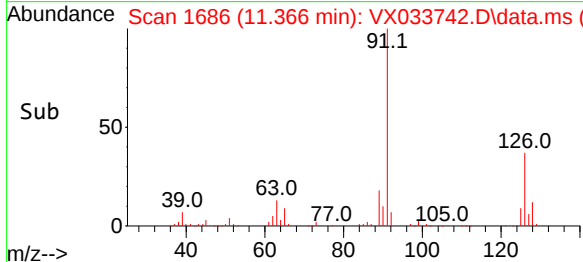
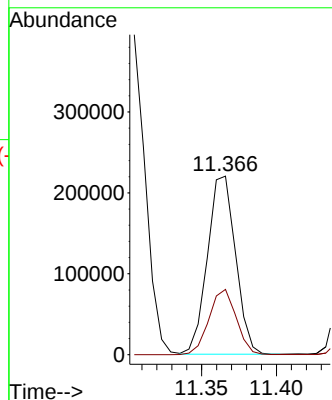
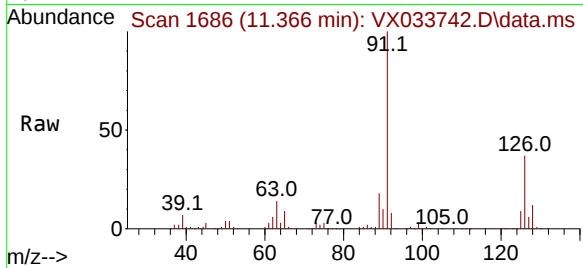
#79
2-Chlorotoluene
Concen: 51.389 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 28824
Ion Ratio Lower Upper
91 100
126 35.6 18.1 54.1

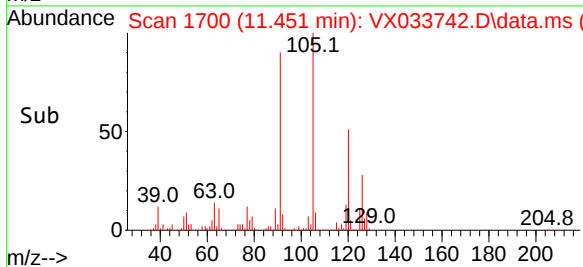
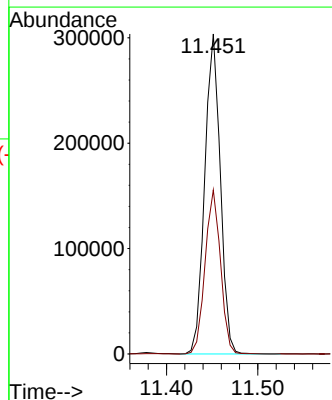
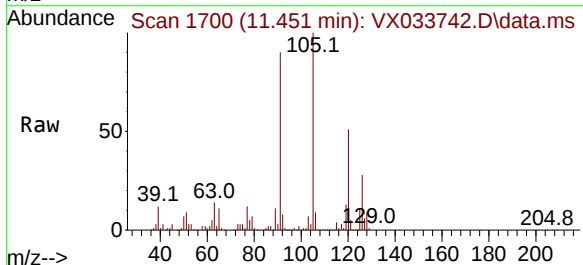
Manual Integrations
APPROVED

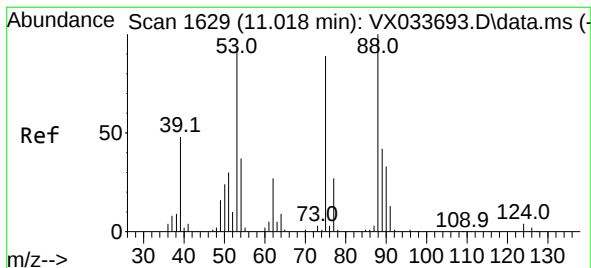
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.643 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Tgt Ion:105 Resp: 357693
Ion Ratio Lower Upper
105 100
120 50.8 25.6 76.8





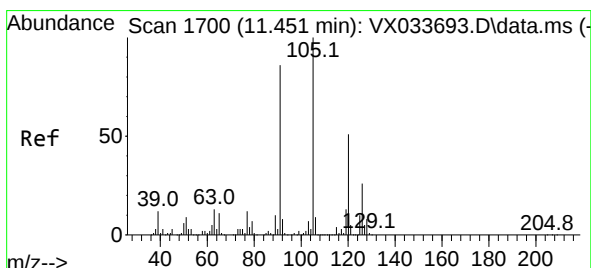
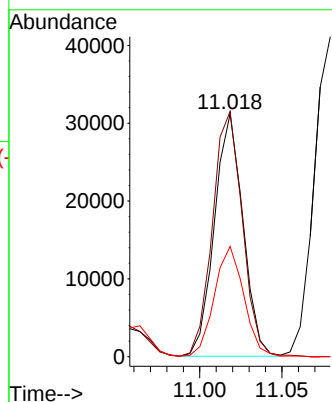
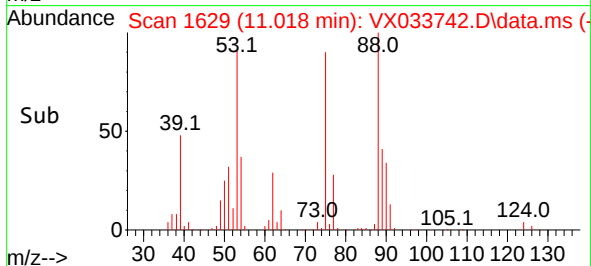
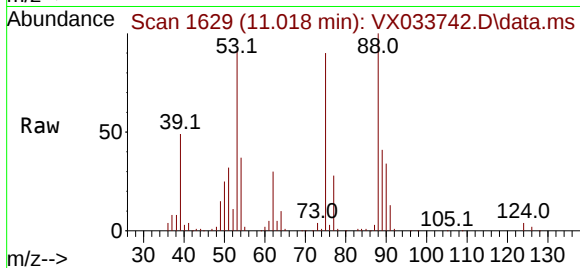
#81
trans-1,4-Dichloro-2-butene
Concen: 49.862 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 37568
Ion Ratio Lower Upper
75 100
53 105.9 83.0 124.6
89 47.1 37.7 56.5

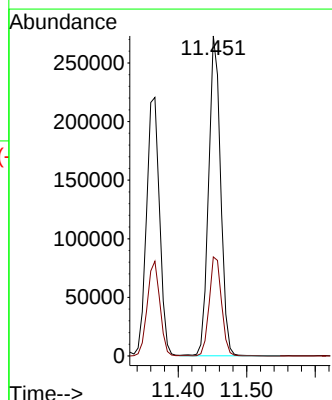
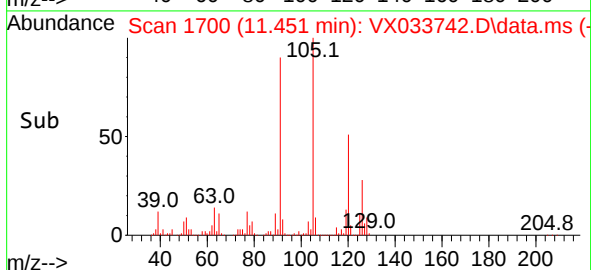
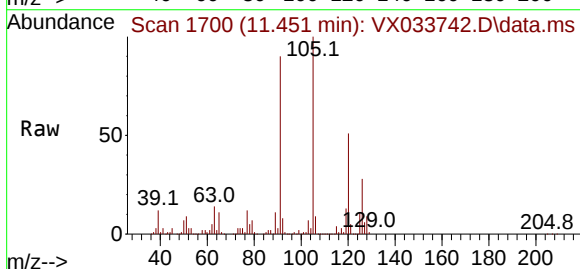
Manual Integrations
APPROVED

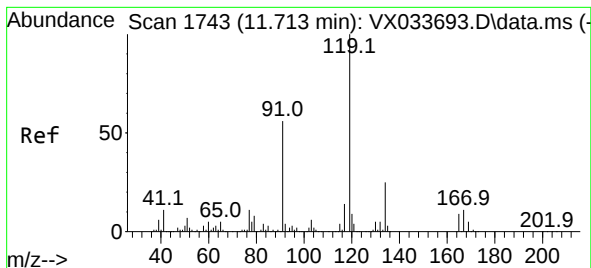
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#82
4-Chlorotoluene
Concen: 51.881 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

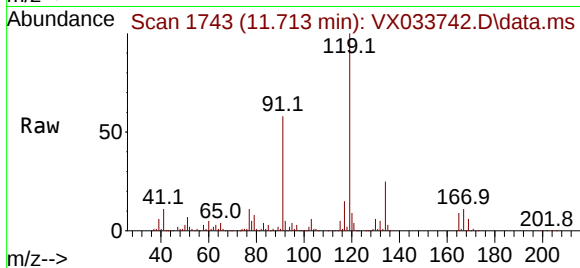
Tgt Ion: 91 Resp: 332874
Ion Ratio Lower Upper
91 100
126 31.7 15.8 47.4





#83
tert-Butylbenzene
Concen: 48.044 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

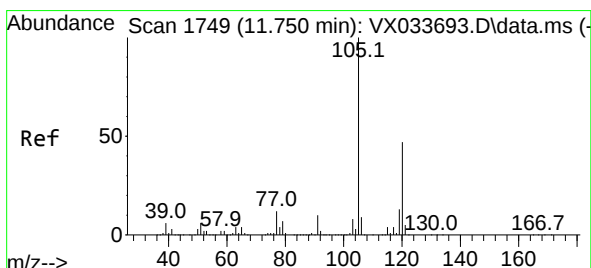
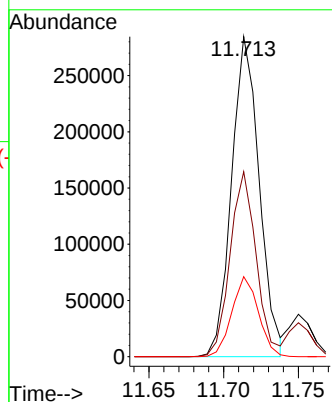
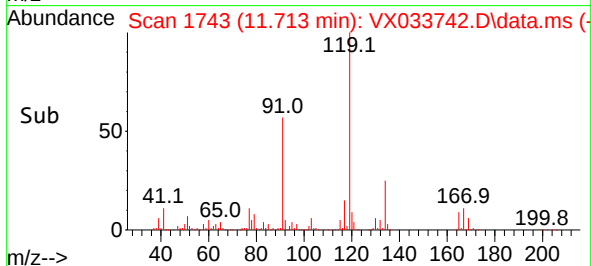
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



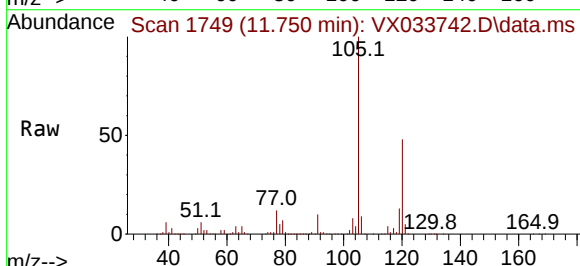
Tgt Ion:119 Resp: 365828
Ion Ratio Lower Upper
119 100
91 54.7 26.9 80.7
134 24.1 12.3 36.8

Manual Integrations
APPROVED

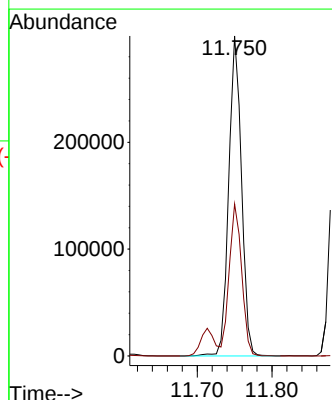
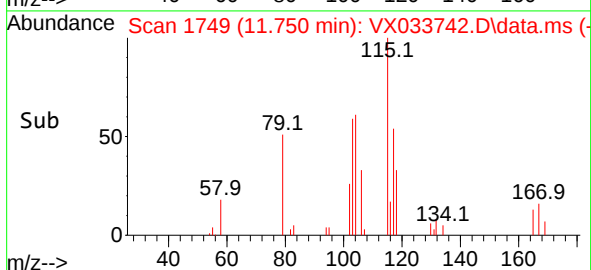
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

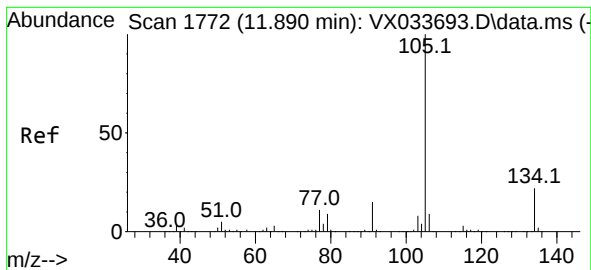


#84
1,2,4-Trimethylbenzene
Concen: 49.047 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32



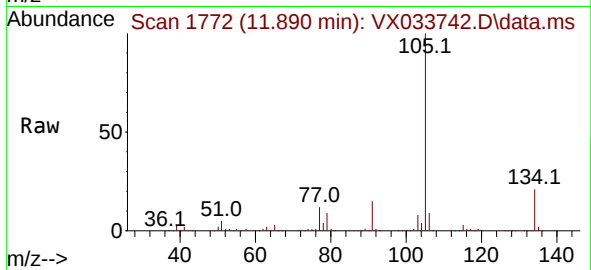
Tgt Ion:105 Resp: 355800
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 49.649 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033742.D
 Acq: 16 Jan 2023 11:32

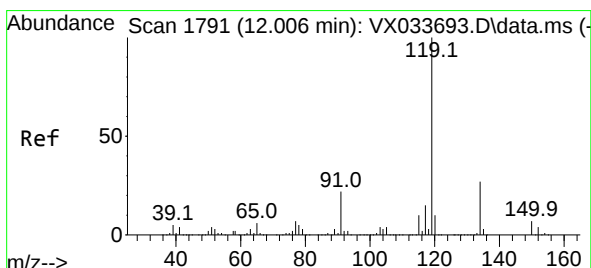
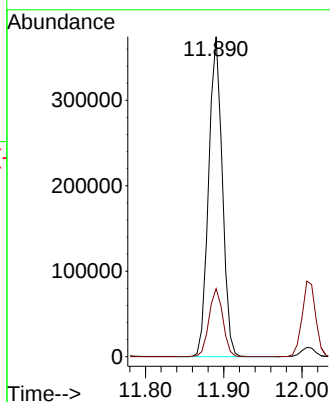
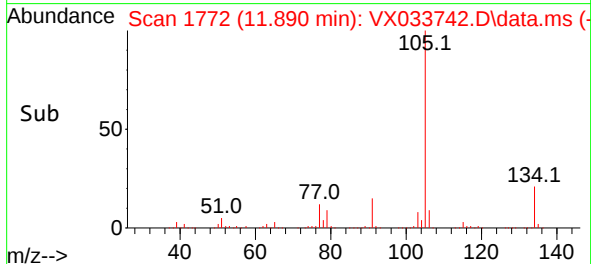
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



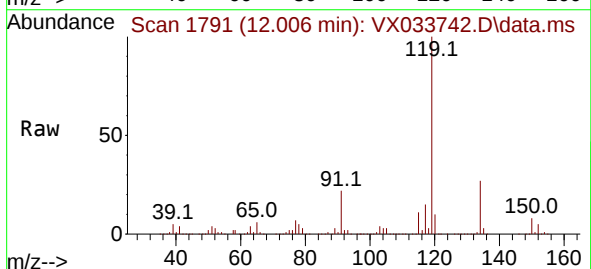
Tgt Ion:105 Resp: 452179
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.3

Manual Integrations
 APPROVED

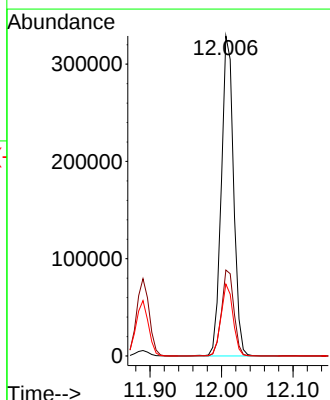
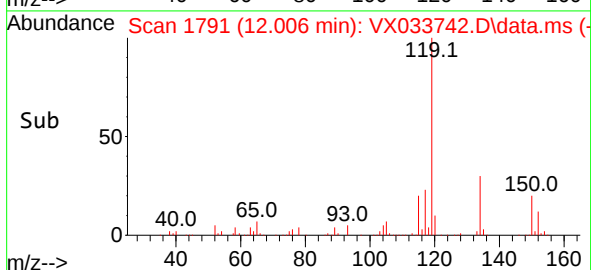
Reviewed By :John Carlone 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

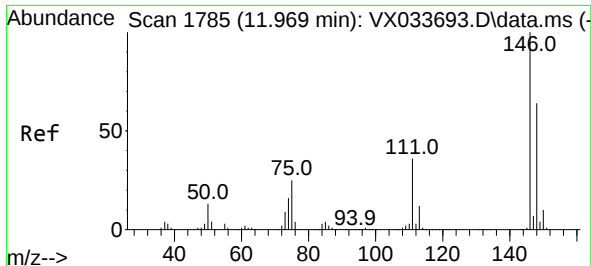


#86
 p-Isopropyltoluene
 Concen: 50.294 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033742.D
 Acq: 16 Jan 2023 11:32



Tgt Ion:119 Resp: 392160
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.8
 91 22.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 48.832 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 21028

Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.6

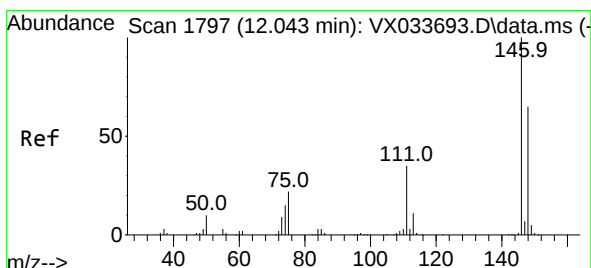
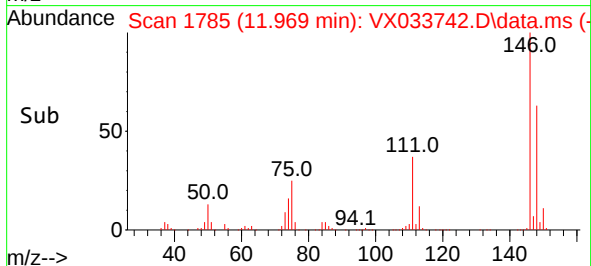
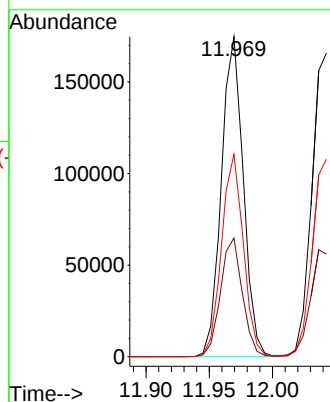
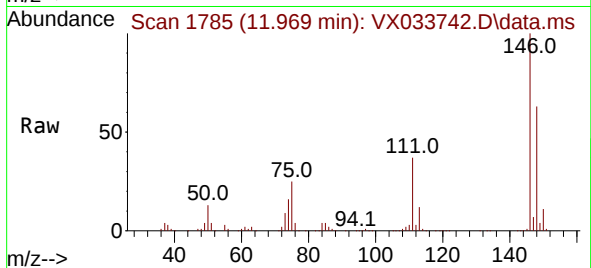
148 62.8 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#88

1,4-Dichlorobenzene

Concen: 47.907 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

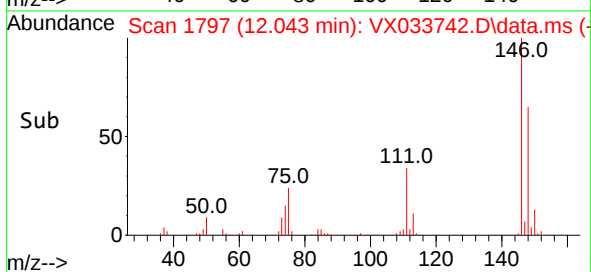
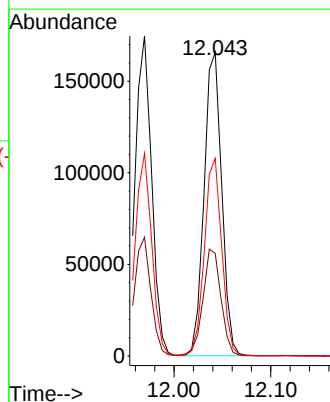
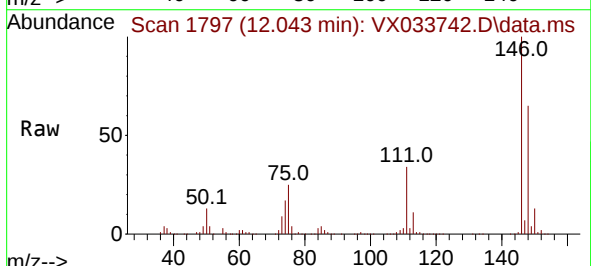
Tgt Ion:146 Resp: 210157

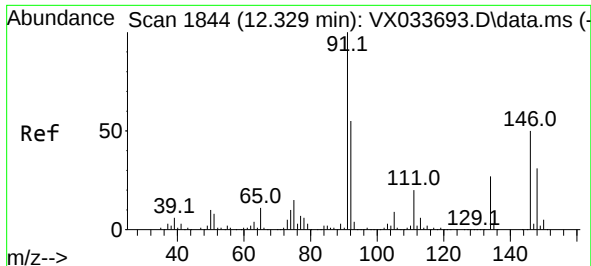
Ion Ratio Lower Upper

146 100

111 36.1 17.8 53.4

148 64.3 32.1 96.3





#89

n-Butylbenzene

Concen: 51.908 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 33111

Ion Ratio Lower Upper

91 100

92 54.2 27.5 82.5

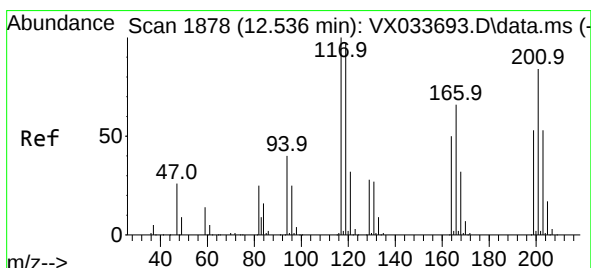
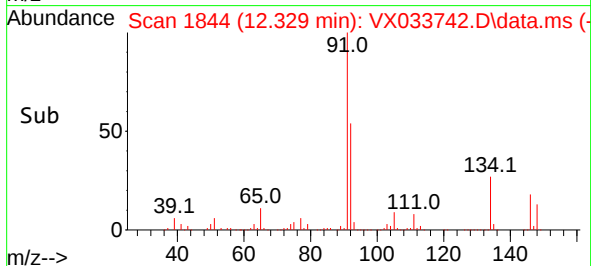
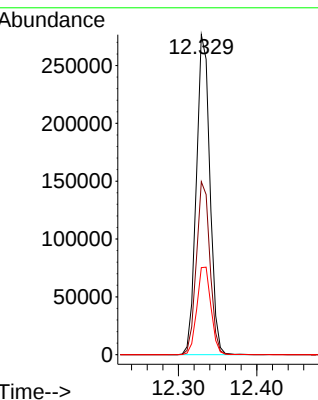
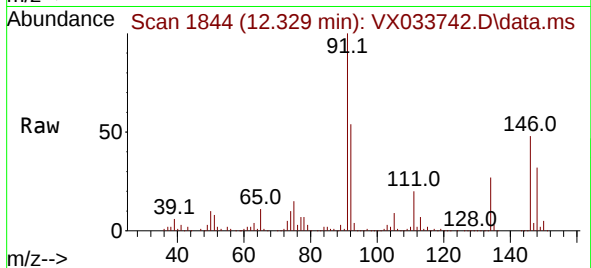
134 28.5 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#90

Hexachloroethane

Concen: 49.322 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX033742.D

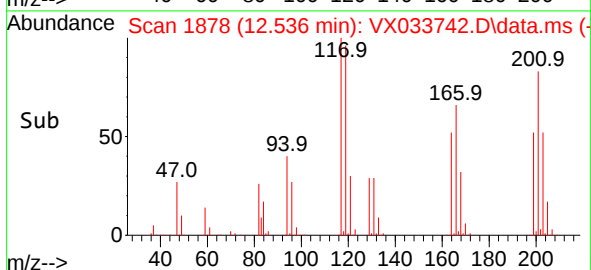
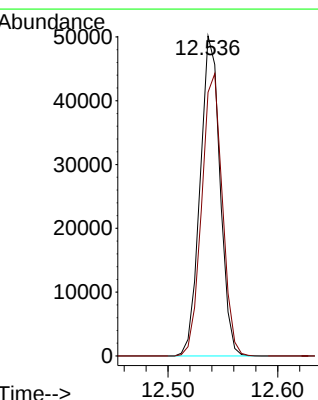
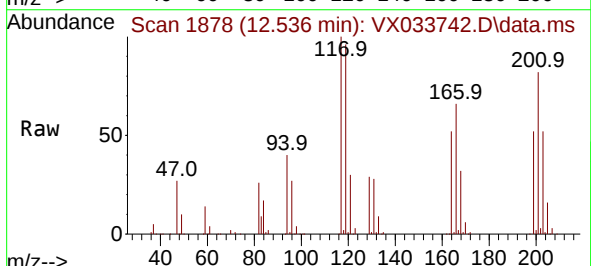
Acq: 16 Jan 2023 11:32

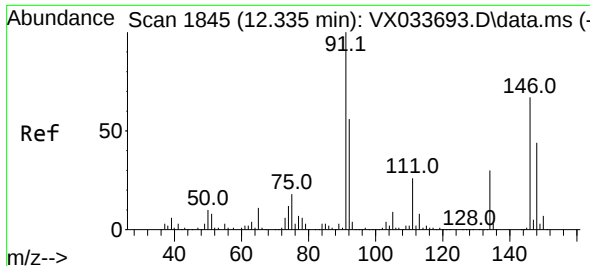
Tgt Ion:117 Resp: 63261

Ion Ratio Lower Upper

117 100

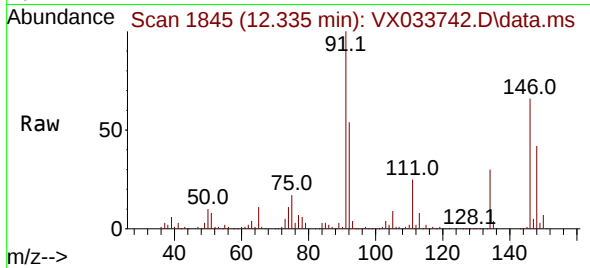
201 91.1 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 48.796 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32

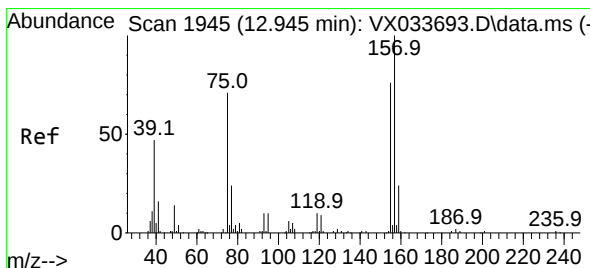
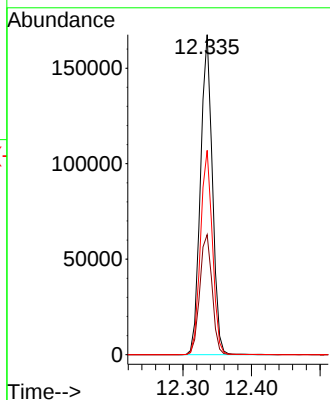
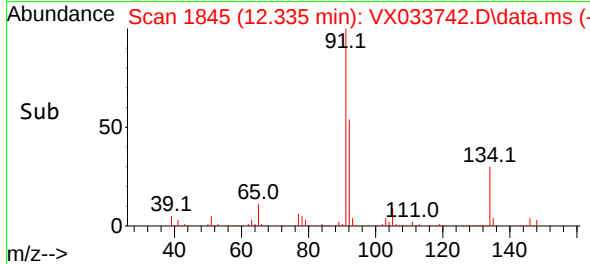
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



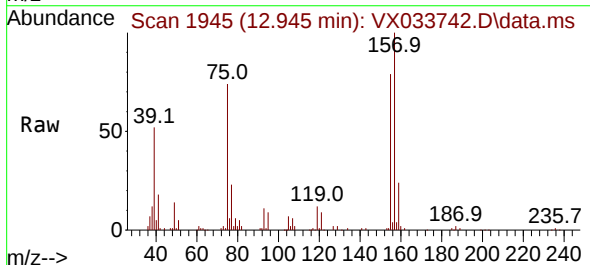
Tgt Ion:146 Resp: 20276
Ion Ratio Lower Upper
146 100
111 38.8 19.3 57.8
148 64.1 32.3 96.9

Manual Integrations
APPROVED

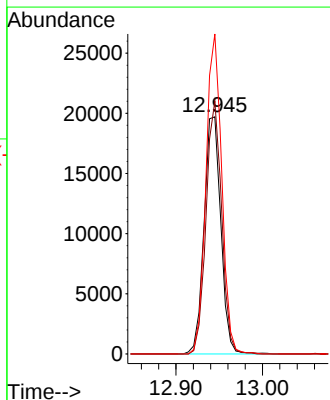
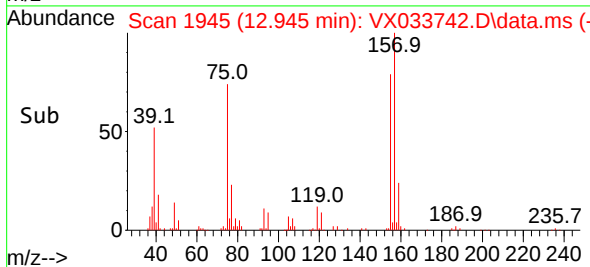
Reviewed By :John Carlone 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

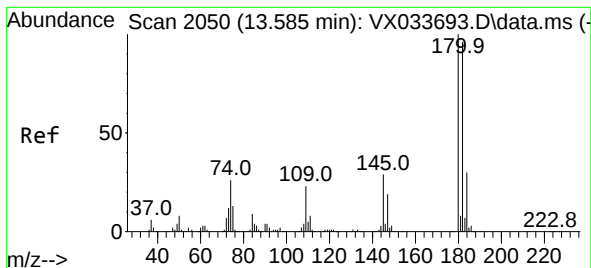


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.004 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033742.D
Acq: 16 Jan 2023 11:32



Tgt Ion: 75 Resp: 26525
Ion Ratio Lower Upper
75 100
155 99.2 51.7 155.1
157 126.7 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 52.018 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 145604

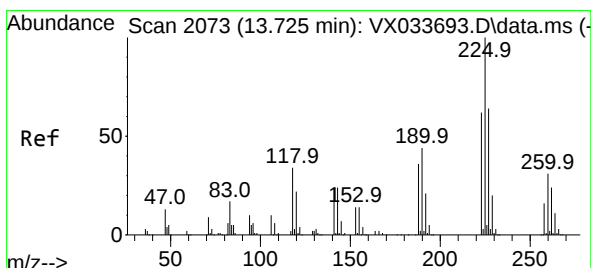
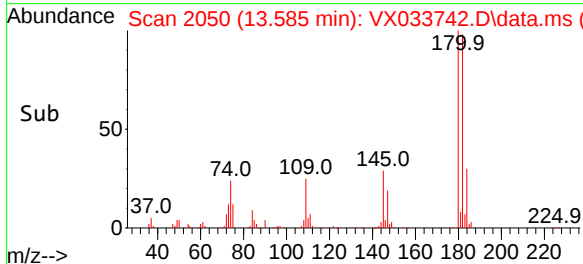
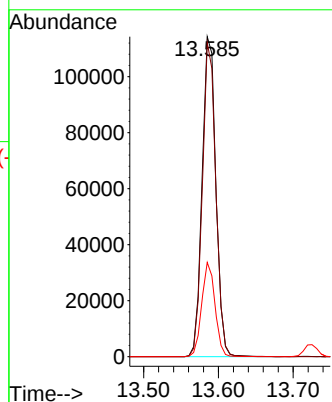
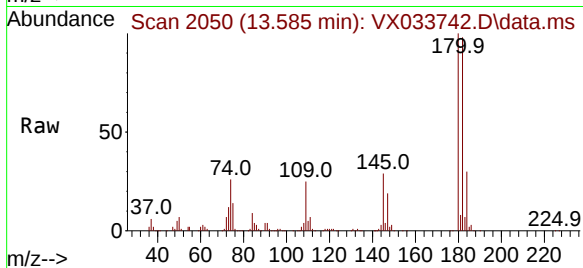
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.6
145	28.6	14.1	42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#94

Hexachlorobutadiene

Concen: 51.491 ug/l

RT: 13.725 min Scan# 2073

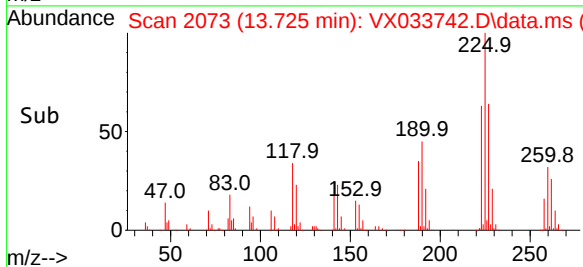
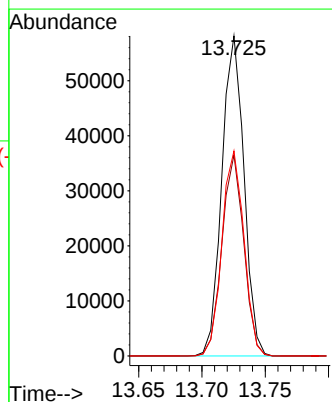
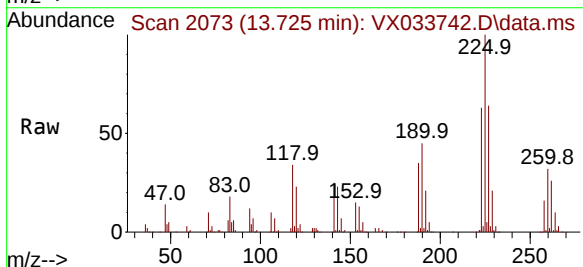
Delta R.T. 0.000 min

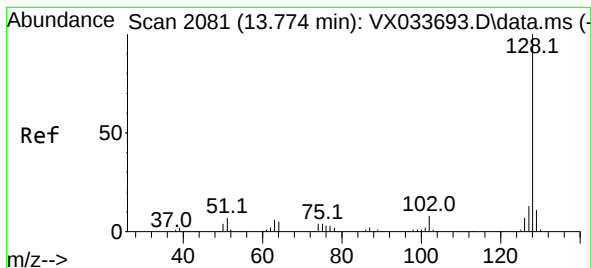
Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Tgt Ion:225 Resp: 70601

Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.3	93.9
227	63.9	32.3	96.9





#95

Naphthalene

Concen: 51.604 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 415560

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

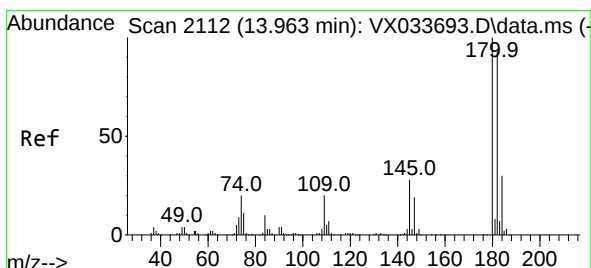
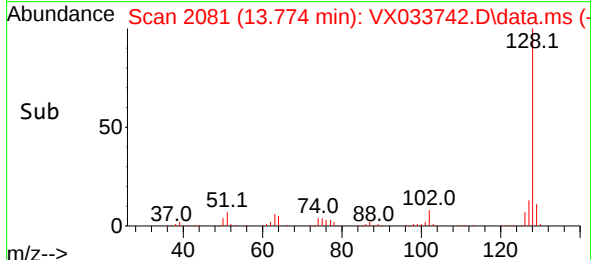
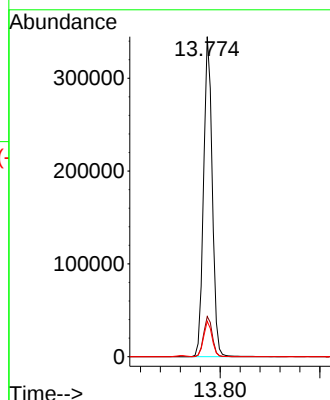
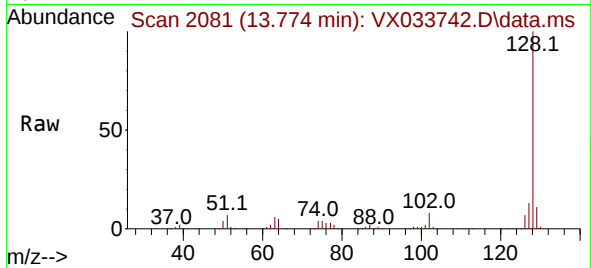
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#96

1,2,3-Trichlorobenzene

Concen: 50.235 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033742.D

Acq: 16 Jan 2023 11:32

Tgt Ion:180 Resp: 140700

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 30.7 15.1 45.3

