

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011723\
 Data File : VX033753.D
 Acq On : 17 Jan 2023 10:50
 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 01/18/2023
 Supervised By : Mahesh Dadoda 01/18/2023

Quant Time: Jan 18 04:05:24 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	193583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	269084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	237059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92407	45.336	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.680%		
35) Dibromofluoromethane	5.379	113	84634	50.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.300%		
50) Toluene-d8	8.647	98	309224	50.794	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.580%		
62) 4-Bromofluorobenzene	11.079	95	110801	49.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	73677	48.161	ug/l	99
3) Chloromethane	1.295	50	86328	51.089	ug/l	100
4) Vinyl Chloride	1.374	62	88187	53.776	ug/l	97
5) Bromomethane	1.618	94	51417	54.570	ug/l	100
6) Chloroethane	1.691	64	50167	49.482	ug/l	100
7) Trichlorofluoromethane	1.886	101	130940	49.236	ug/l	98
8) Diethyl Ether	2.130	74	47165	54.164	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	83619	54.494	ug/l	95
10) Methyl Iodide	2.453	142	120107	55.858	ug/l	92
11) Tert butyl alcohol	3.014	59	68512m	193.491	ug/l	
12) 1,1-Dichloroethene	2.319	96	79662	50.575	ug/l	91
13) Acrolein	2.240	56	90883	278.186	ug/l	99
14) Allyl chloride	2.666	41	143111	48.171	ug/l	89
15) Acrylonitrile	3.069	53	205722	220.763	ug/l	100
16) Acetone	2.398	43	199772	270.721	ug/l	89
17) Carbon Disulfide	2.514	76	195531	49.085	ug/l	99
18) Methyl Acetate	2.703	43	125372	44.074	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	263366	48.141	ug/l	97
20) Methylene Chloride	2.788	84	87925	49.591	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	86533	46.993	ug/l	98
22) Diisopropyl ether	3.751	45	279633	46.782	ug/l	93
23) Vinyl Acetate	3.715	43	1062818	236.194	ug/l	99
24) 1,1-Dichloroethane	3.605	63	153025	46.792	ug/l	100
25) 2-Butanone	4.562	43	287290	215.722	ug/l	98
26) 2,2-Dichloropropane	4.471	77	112567	48.053	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	100868	47.647	ug/l	98
28) Bromochloromethane	4.898	49	67884	45.570	ug/l	97
29) Tetrahydrofuran	5.007	42	180800	215.402	ug/l	99
30) Chloroform	5.093	83	157286	46.958	ug/l	100
31) Cyclohexane	5.471	56	142583	47.539	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	135261	47.298	ug/l	99
36) 1,1-Dichloropropene	5.690	75	118241	48.488	ug/l	99
37) Ethyl Acetate	4.715	43	110906	47.522	ug/l	100
38) Carbon Tetrachloride	5.672	117	124817	49.420	ug/l	99
39) Methylcyclohexane	7.379	83	152880	50.766	ug/l	96
40) Benzene	6.032	78	348285	49.000	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	64317	47.862	ug/l	99
42) 1,2-Dichloroethane	6.080	62	119292	47.359	ug/l	98
43) Isopropyl Acetate	6.330	43	181566	47.163	ug/l	98
44) Trichloroethene	7.123	130	102759	51.700	ug/l	98
45) 1,2-Dichloropropane	7.428	63	89062	50.020	ug/l	99
46) Dibromomethane	7.580	93	61118	49.143	ug/l	98
47) Bromodichloromethane	7.818	83	118503	49.442	ug/l	98
48) Methyl methacrylate	7.690	41	93639	48.286	ug/l	98
49) 1,4-Dioxane	7.732	88	37512	874.493	ug/l #	98
51) 4-Methyl-2-Pentanone	8.574	43	551946	233.451	ug/l	99
52) Toluene	8.714	92	226345	49.312	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	124256	51.839	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	141536	52.698	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	89004	48.986	ug/l	97
56) Ethyl methacrylate	9.116	69	131809	51.548	ug/l	98
57) 1,3-Dichloropropane	9.305	76	146587	49.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	302518	240.226	ug/l	98
59) 2-Hexanone	9.427	43	413327	251.173	ug/l	99
60) Dibromochloromethane	9.519	129	99077	52.598	ug/l	100
61) 1,2-Dibromoethane	9.610	107	94075	51.881	ug/l	98
64) Tetrachloroethene	9.275	164	92735	55.737	ug/l	97
65) Chlorobenzene	10.080	112	247930	50.520	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	94863	52.524	ug/l	98
67) Ethyl Benzene	10.189	91	430328	51.071	ug/l	99
68) m/p-Xylenes	10.299	106	339790	103.100	ug/l	100
69) o-Xylene	10.640	106	164929	50.461	ug/l	100
70) Styrene	10.653	104	275453	51.820	ug/l	100
71) Bromoform	10.799	173	77001	50.879	ug/l #	99
73) Isopropylbenzene	10.964	105	432940	52.352	ug/l	99
74) N-amyl acetate	10.842	43	154897	46.830	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	123012	50.816	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	100265m	43.324	ug/l	
77) Bromobenzene	11.195	156	114709	51.351	ug/l	99
78) n-propylbenzene	11.305	91	491692	47.838	ug/l	100
79) 2-Chlorotoluene	11.366	91	287394	51.870	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	360056	47.504	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	35355	47.478	ug/l	99
82) 4-Chlorotoluene	11.451	91	328622	51.818	ug/l	98
83) tert-Butylbenzene	11.713	119	366620	48.716	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	358719	50.033	ug/l	100
85) sec-Butylbenzene	11.890	105	453291	50.358	ug/l	100
86) p-Isopropyltoluene	12.006	119	398004	51.645	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	213861	50.248	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	212500	49.013	ug/l	99
89) n-Butylbenzene	12.329	91	332483	52.736	ug/l	100
90) Hexachloroethane	12.536	117	63871	50.384	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	206500	50.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24918	48.479	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	149941	54.199	ug/l	100
94) Hexachlorobutadiene	13.725	225	72948	53.830	ug/l	99
95) Naphthalene	13.774	128	411787	51.738	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	145804	52.672	ug/l	99

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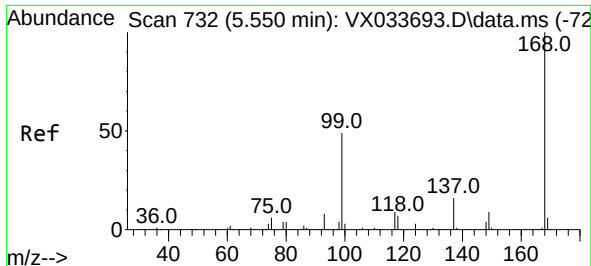
Manual Integrations
APPROVED

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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

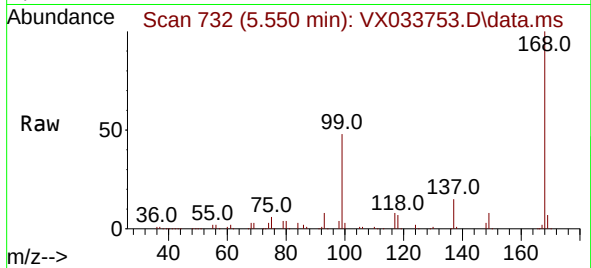
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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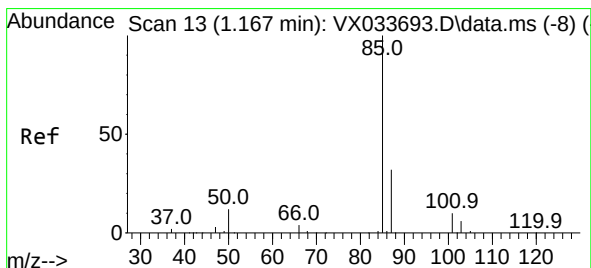
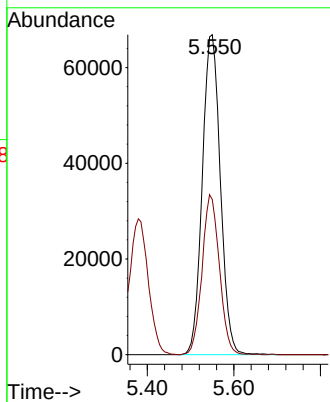
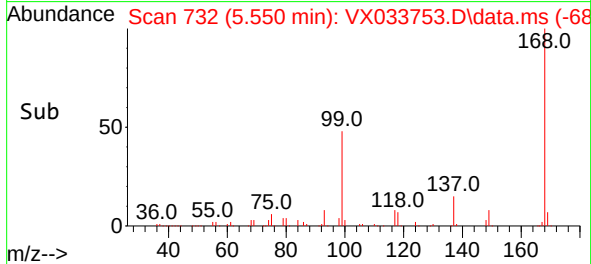
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 19358
Ion Ratio Lower Upper
168 100
99 48.5 39.6 59.4

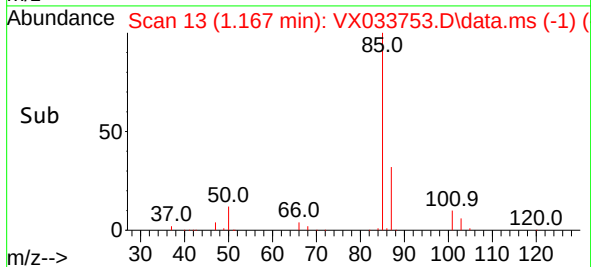
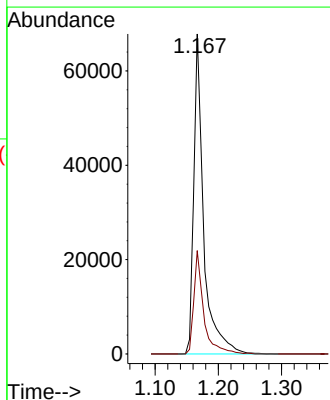
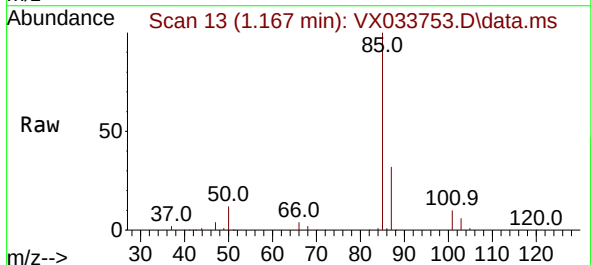
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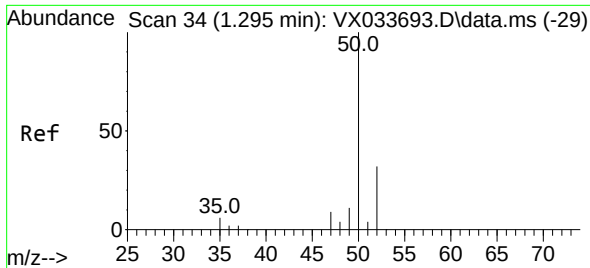
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#2
Dichlorodifluoromethane
Concen: 48.161 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion: 85 Resp: 73677
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





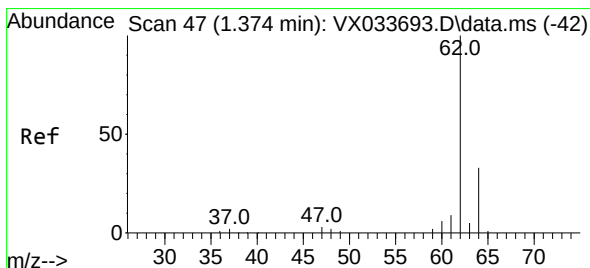
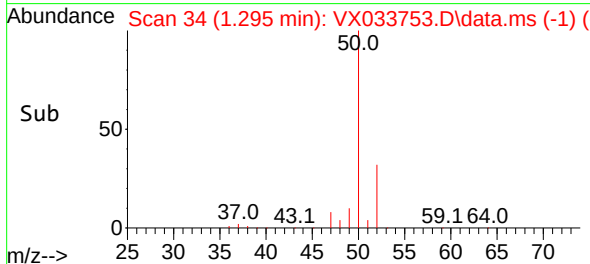
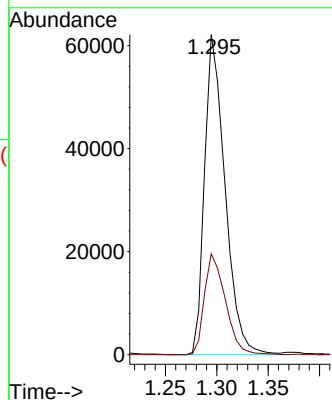
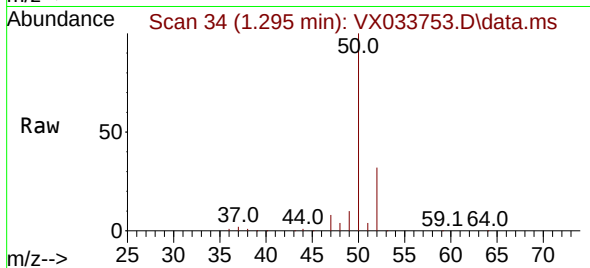
#3
Chloromethane
Concen: 51.089 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
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VSTDCCC050

Tgt Ion: 50 Resp: 86328
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8

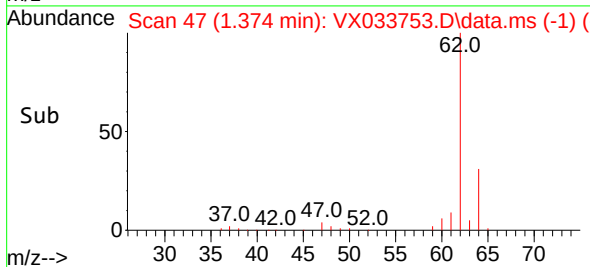
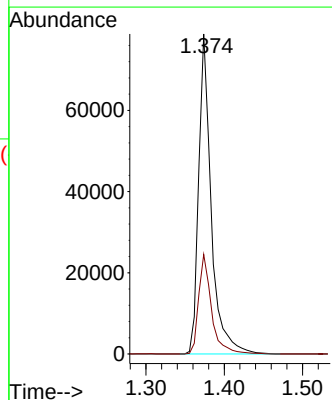
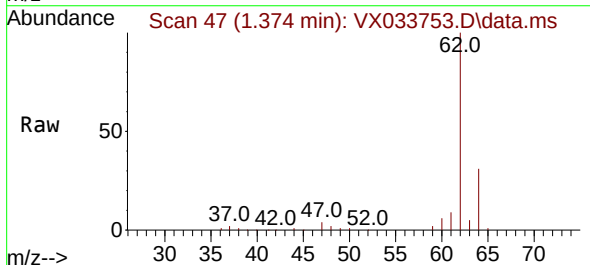
Manual Integrations
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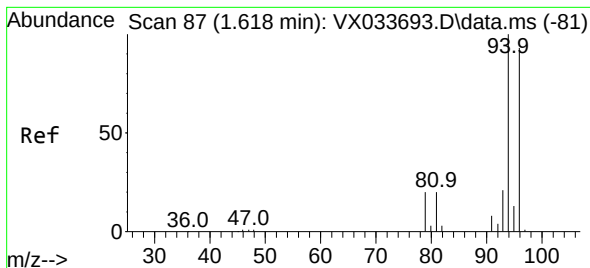
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#4
Vinyl Chloride
Concen: 53.776 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion: 62 Resp: 88187
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.4





#5

Bromomethane

Concen: 54.570 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 5141

Ion Ratio Lower Upper

94 100

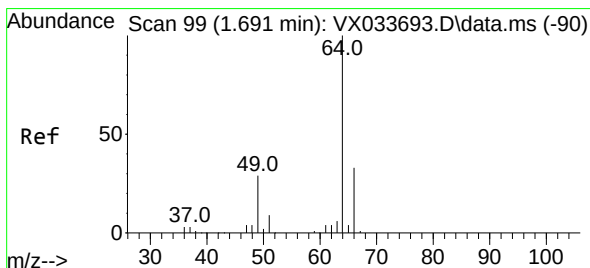
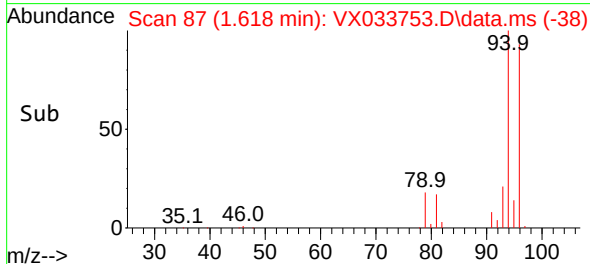
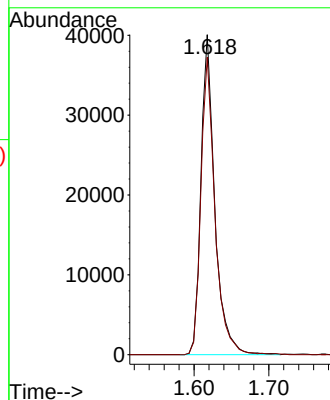
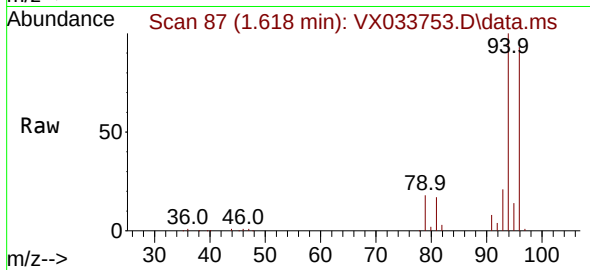
96 93.0 74.3 111.5

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 01/18/2023



#6

Chloroethane

Concen: 49.482 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX033753.D

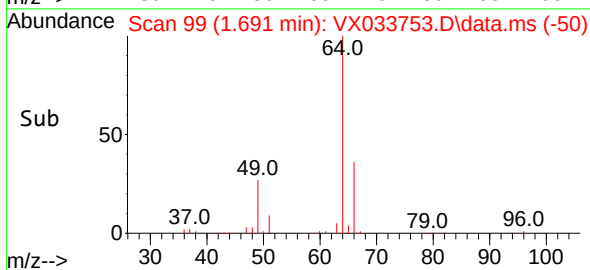
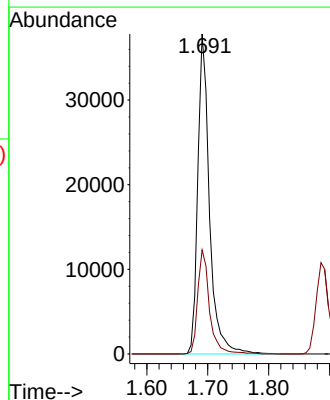
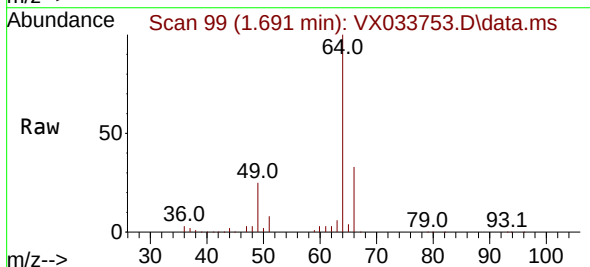
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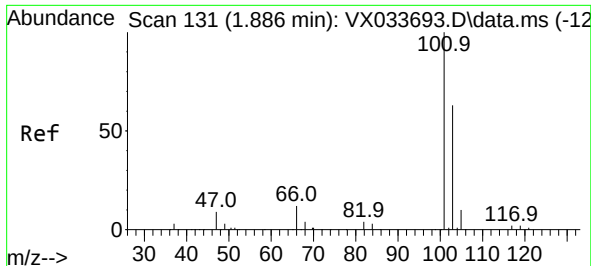
Tgt Ion: 64 Resp: 50167

Ion Ratio Lower Upper

64 100

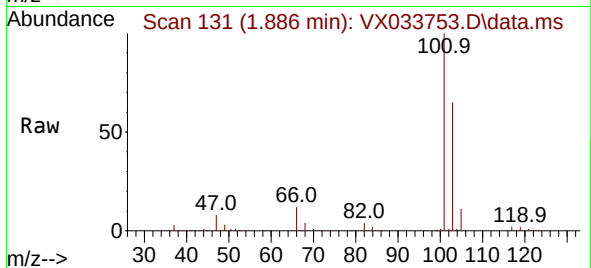
66 32.5 26.1 39.1





#7
Trichlorofluoromethane
Concen: 49.236 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

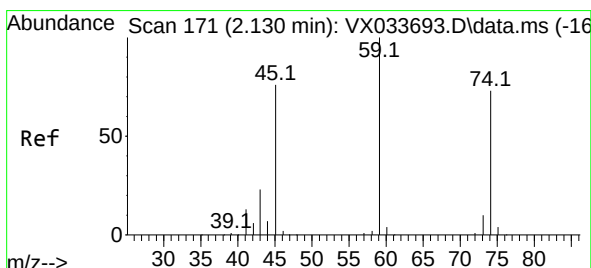
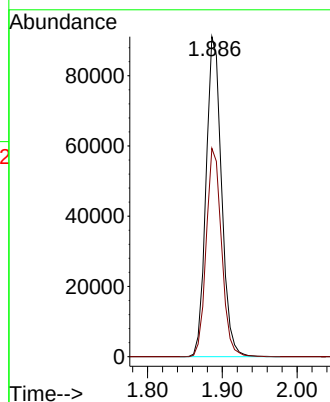
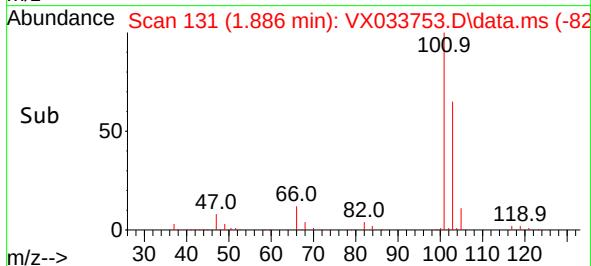
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 130940
Ion Ratio Lower Upper
101 100
103 65.1 50.6 75.8

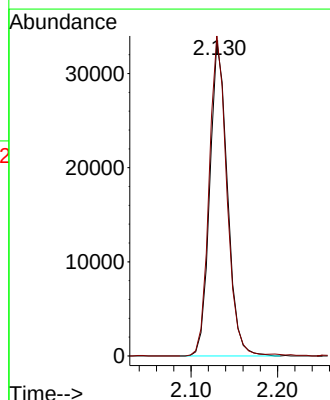
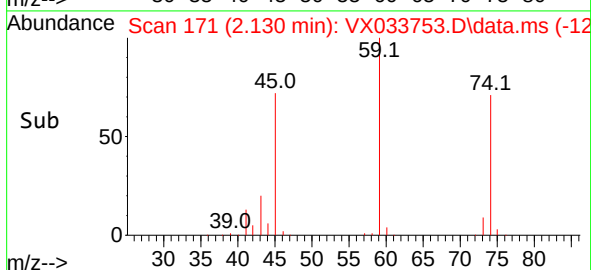
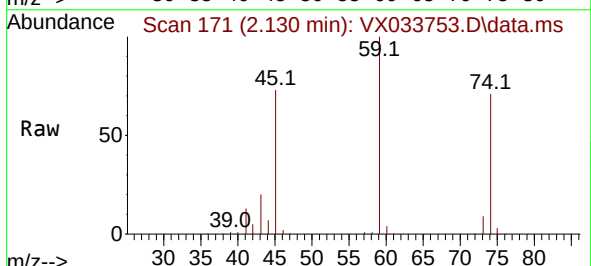
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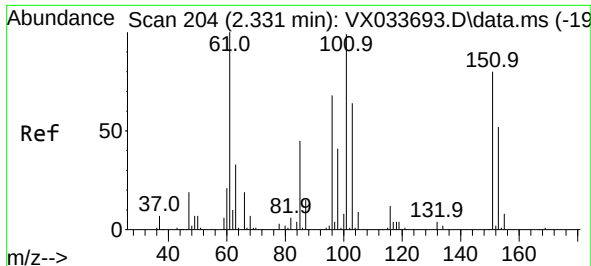
Reviewed By :John Carlone 01/18/2023
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#8
Diethyl Ether
Concen: 54.164 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion: 74 Resp: 47165
Ion Ratio Lower Upper
74 100
45 102.0 51.5 154.5





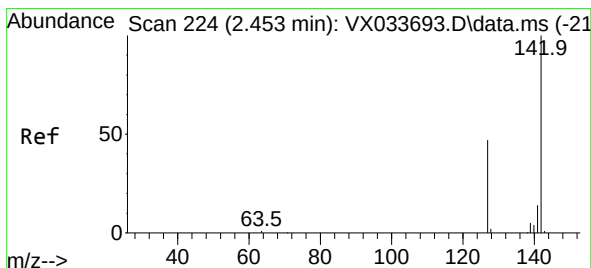
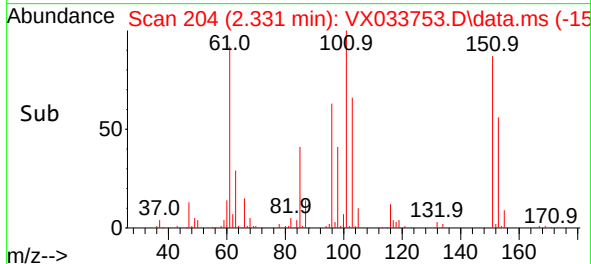
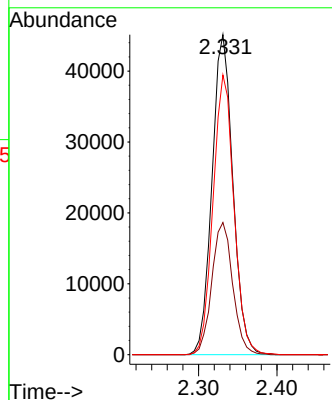
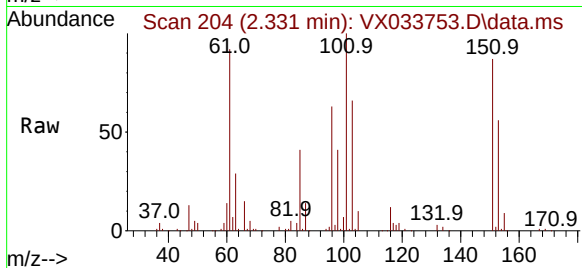
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.494 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 83619
Ion Ratio Lower Upper
101 100
85 41.5 36.7 55.1
151 87.3 66.5 99.7

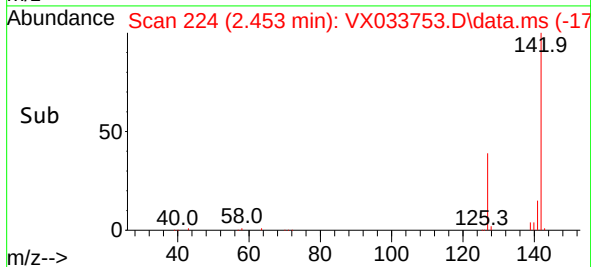
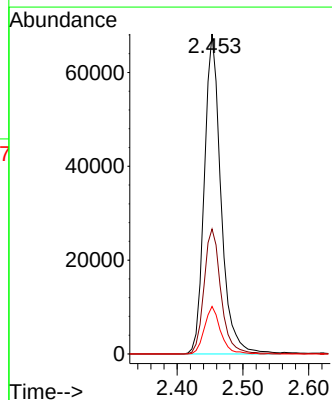
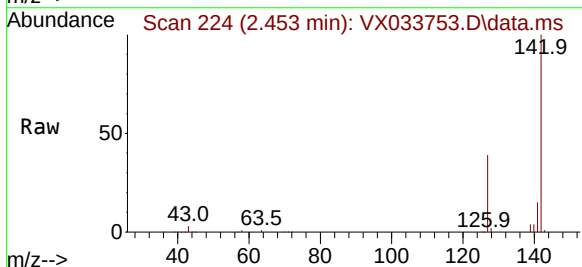
Manual Integrations
APPROVED

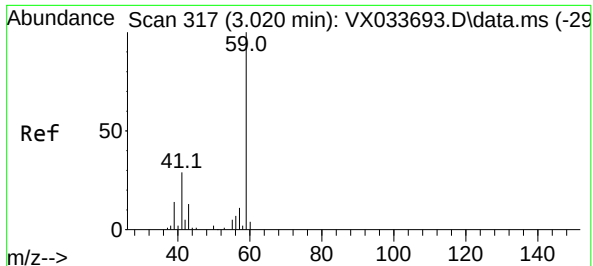
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#10
Methyl Iodide
Concen: 55.858 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion:142 Resp: 120107
Ion Ratio Lower Upper
142 100
127 39.9 37.3 55.9
141 14.3 11.5 17.3





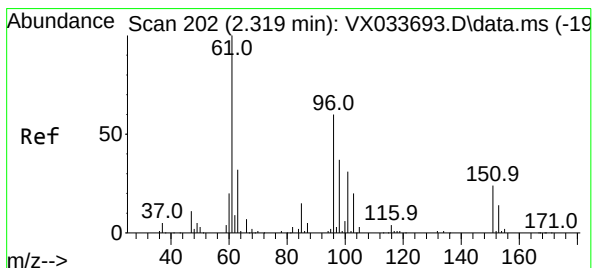
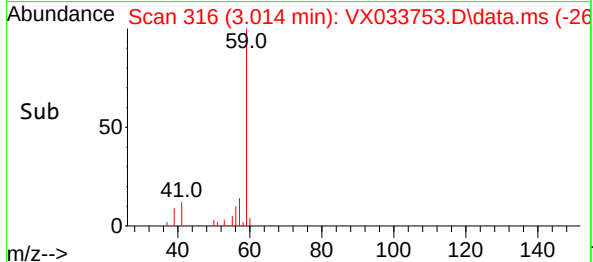
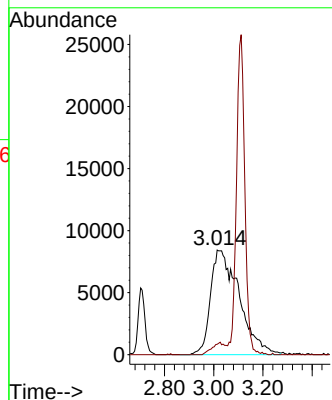
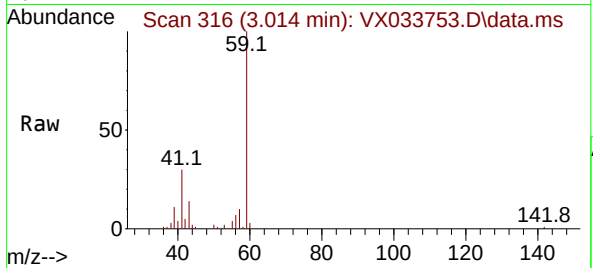
#11
Tert butyl alcohol
Concen: 193.491 ug/l m
RT: 3.014 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 6851
Ion Ratio Lower Upper
59 100
57 4.8 3.7 5.5

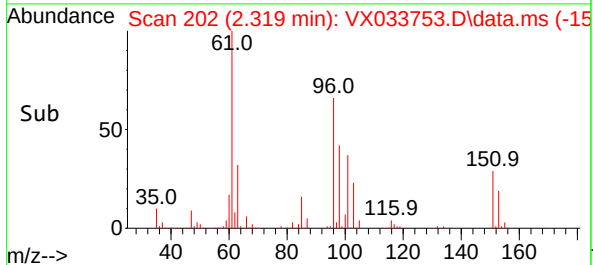
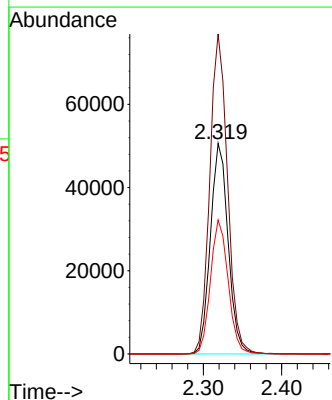
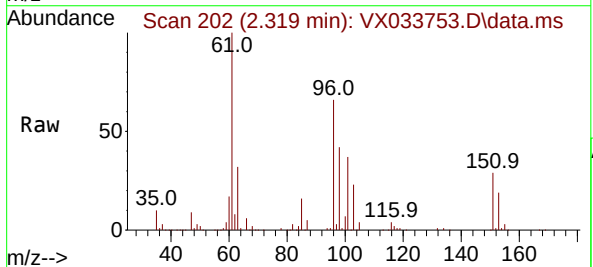
Manual Integrations
APPROVED

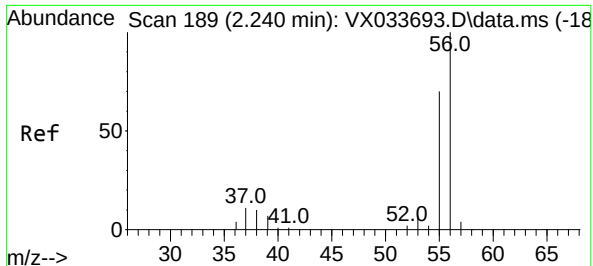
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#12
1,1-Dichloroethene
Concen: 50.575 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

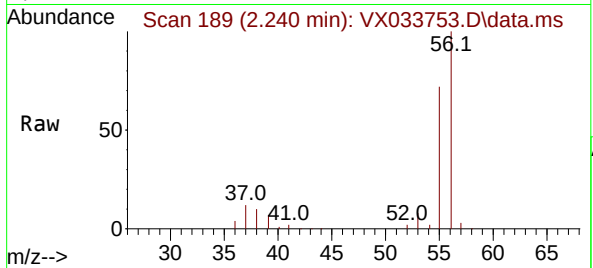
Tgt Ion: 96 Resp: 79662
Ion Ratio Lower Upper
96 100
61 152.0 134.2 201.4
98 63.7 50.2 75.2





#13
Acrolein
Concen: 278.186 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

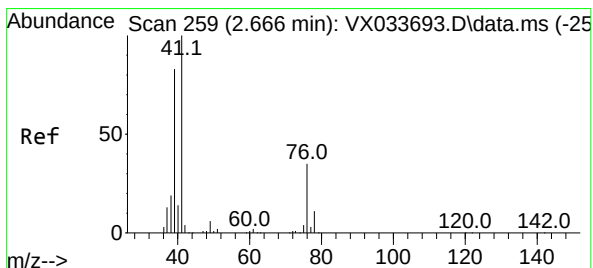
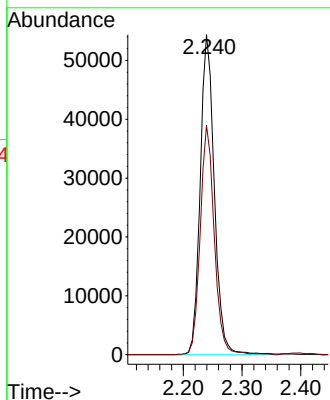
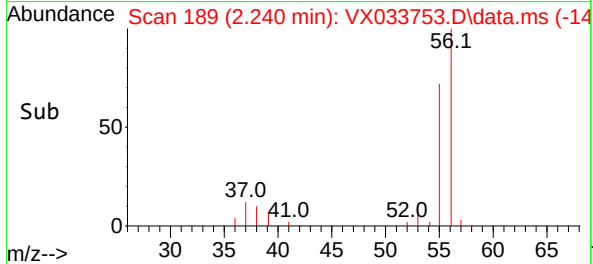
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9088
Ion Ratio Lower Upper
56 100
55 71.6 56.3 84.5

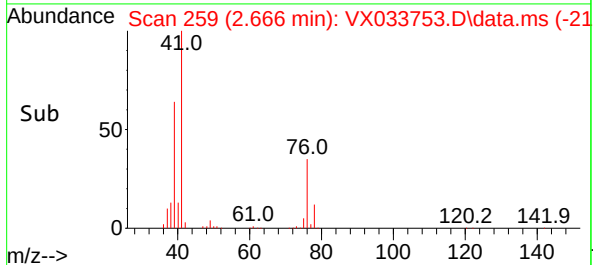
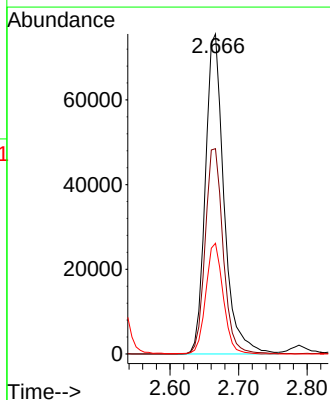
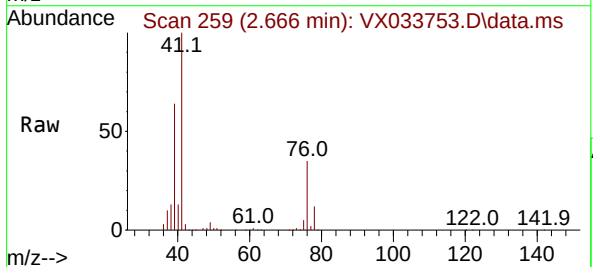
Manual Integrations
APPROVED

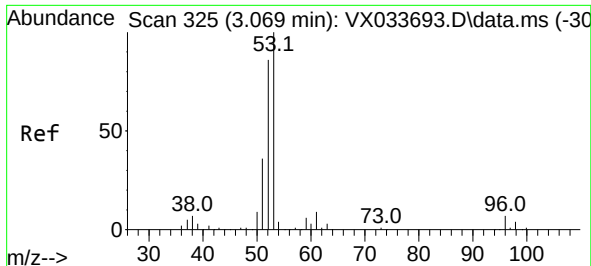
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#14
Allyl chloride
Concen: 48.171 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion: 41 Resp: 143111
Ion Ratio Lower Upper
41 100
39 61.9 59.0 88.4
76 32.3 24.6 37.0





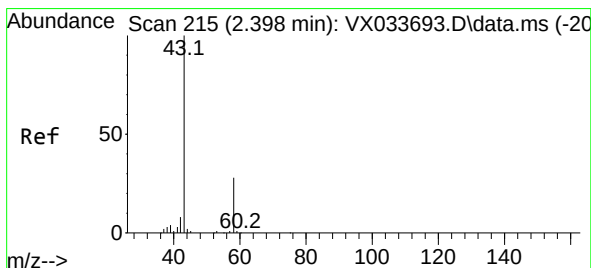
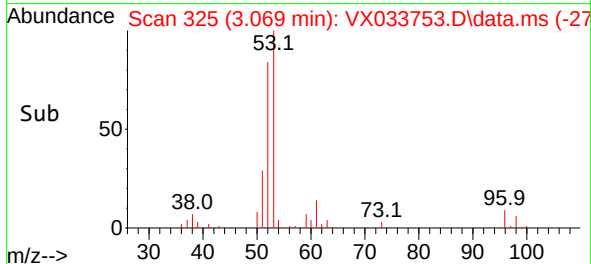
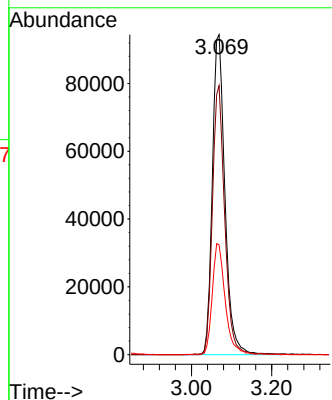
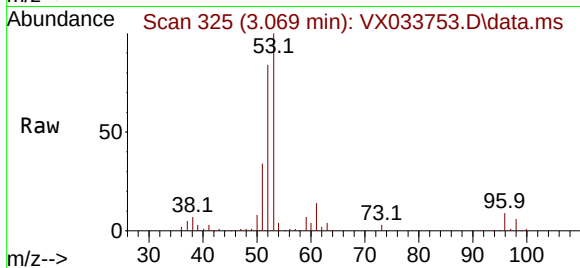
#15
Acrylonitrile
Concen: 220.763 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 20572
Ion Ratio Lower Upper
53 100
52 81.9 65.7 98.5
51 35.9 29.0 43.4

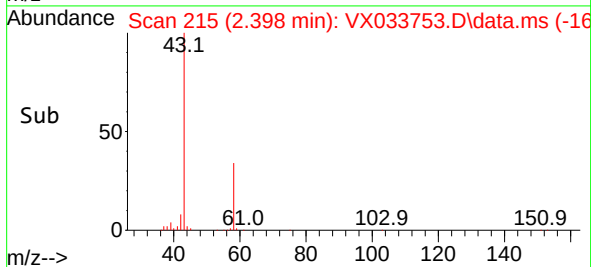
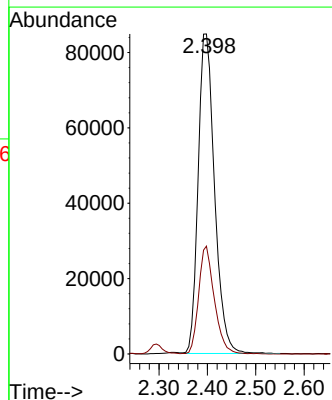
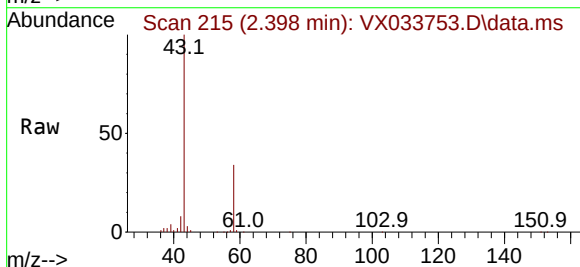
Manual Integrations
APPROVED

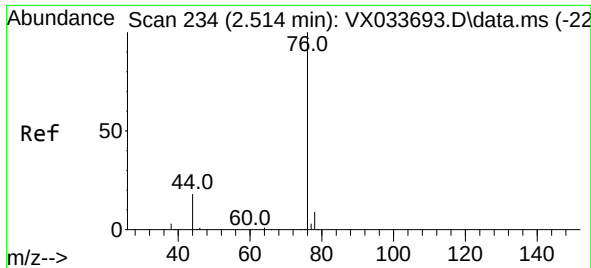
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#16
Acetone
Concen: 270.721 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

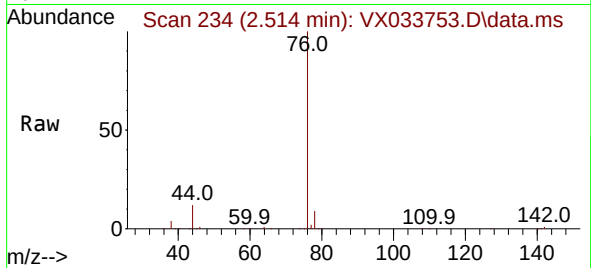
Tgt Ion: 43 Resp: 199772
Ion Ratio Lower Upper
43 100
58 33.7 22.6 33.8





#17
Carbon Disulfide
Concen: 49.085 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

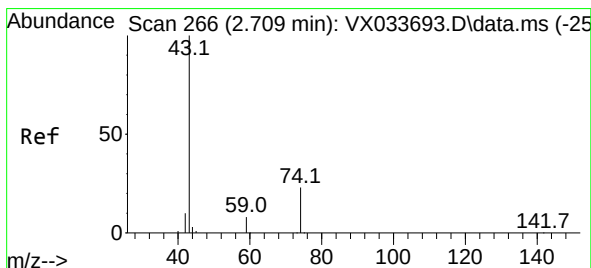
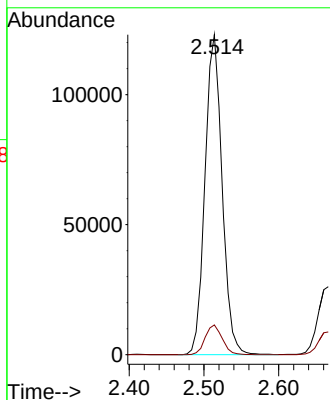
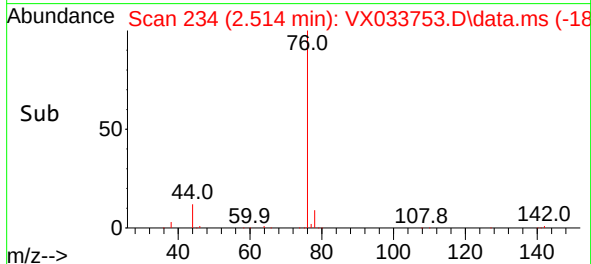
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 19553
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

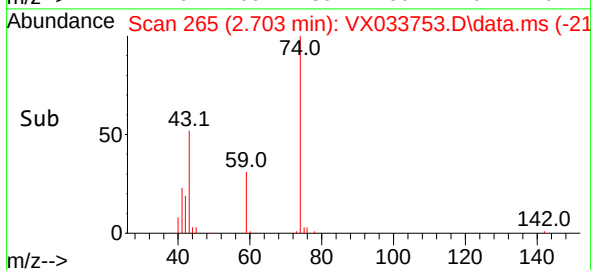
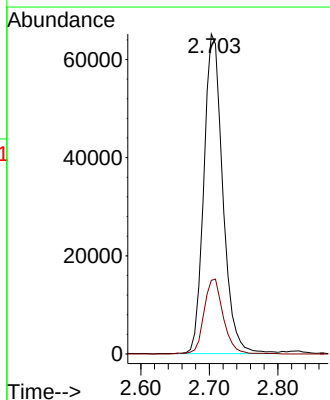
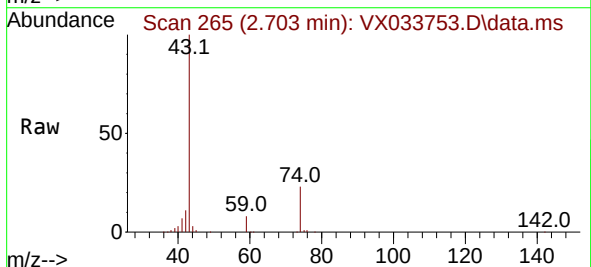
Manual Integrations
APPROVED

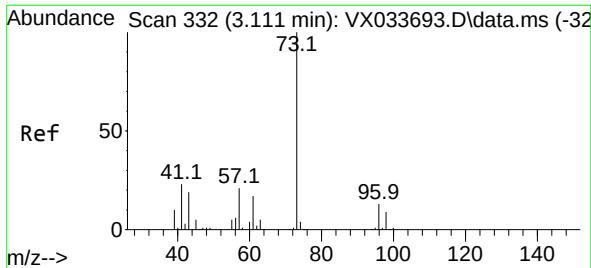
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#18
Methyl Acetate
Concen: 44.074 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion: 43 Resp: 125372
Ion Ratio Lower Upper
43 100
74 23.9 18.2 27.4





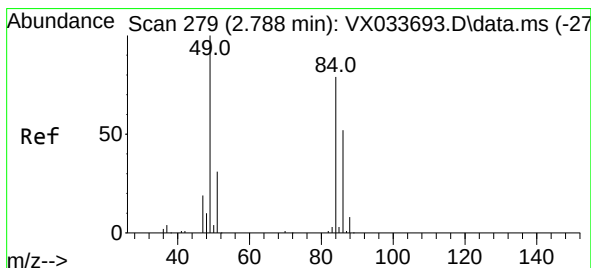
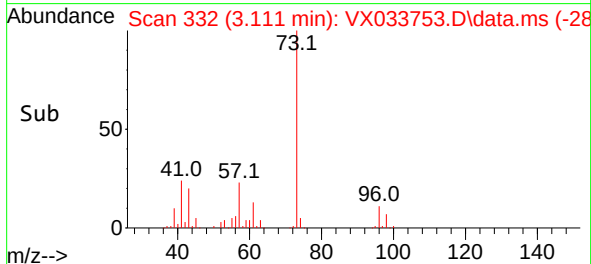
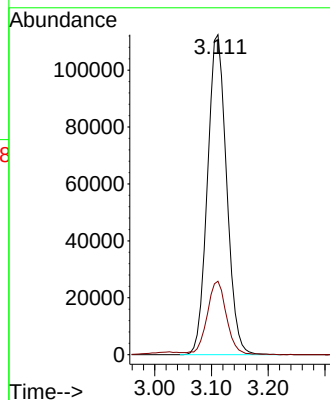
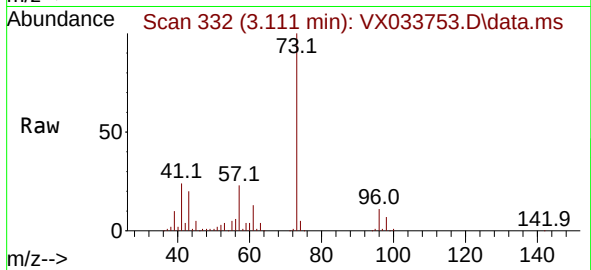
#19
Methyl tert-butyl Ether
Concen: 48.141 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 26336
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.0

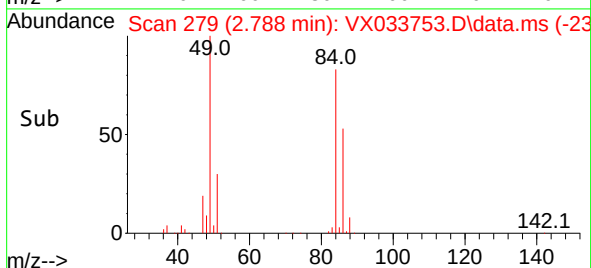
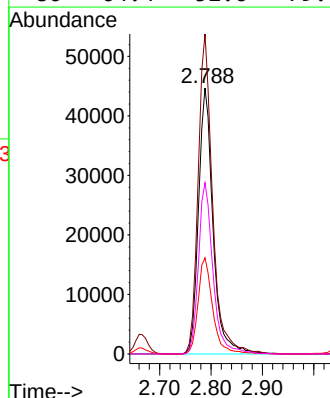
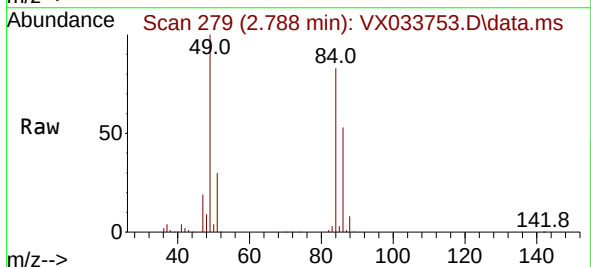
Manual Integrations
APPROVED

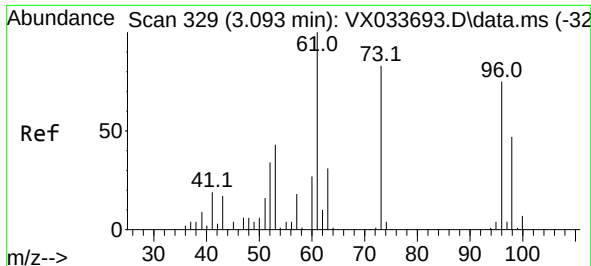
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#20
Methylene Chloride
Concen: 49.591 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

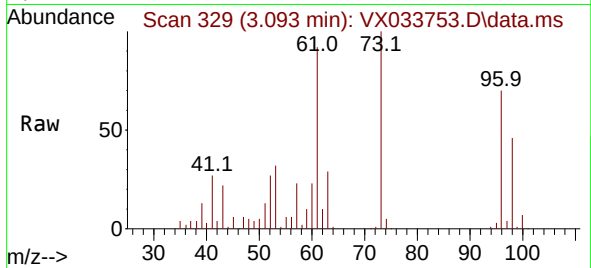
Tgt Ion: 84 Resp: 87925
Ion Ratio Lower Upper
84 100
49 120.4 101.1 151.7
51 36.2 31.0 46.6
86 64.4 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 46.993 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

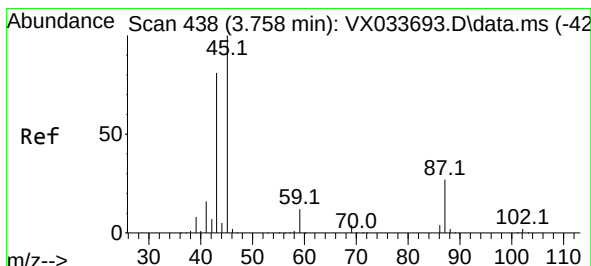
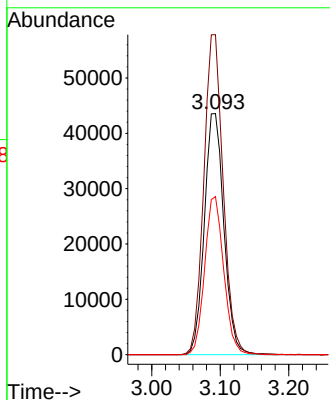
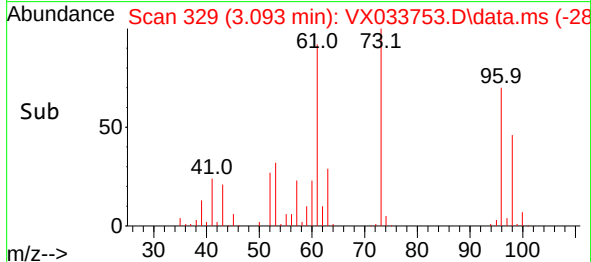
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



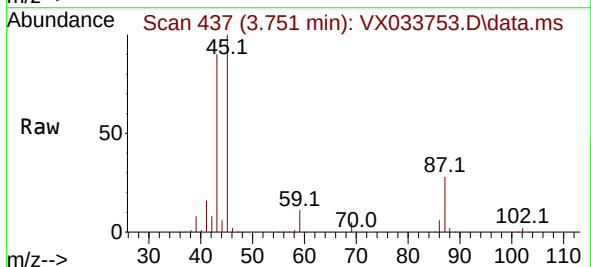
Tgt Ion: 96 Resp: 8653
Ion Ratio Lower Upper
96 100
61 132.7 106.7 160.1
98 65.5 50.0 75.0

Manual Integrations
APPROVED

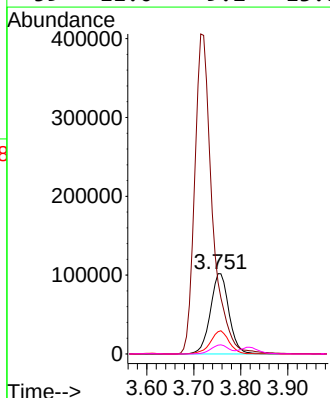
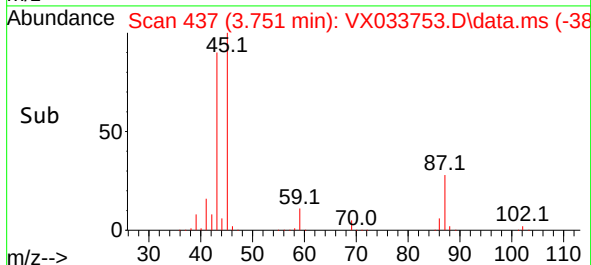
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

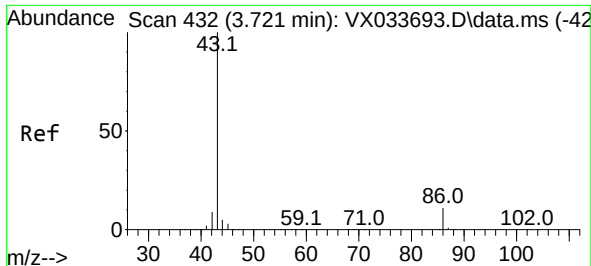


#22
Diisopropyl ether
Concen: 46.782 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



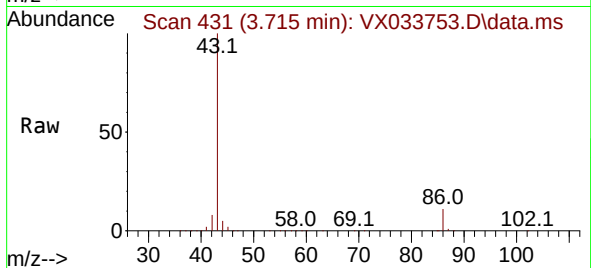
Tgt Ion: 45 Resp: 279633
Ion Ratio Lower Upper
45 100
43 89.3 64.6 97.0
87 27.7 21.9 32.9
59 11.0 9.2 13.8





#23
 Vinyl Acetate
 Concen: 236.194 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033753.D
 Acq: 17 Jan 2023 10:50

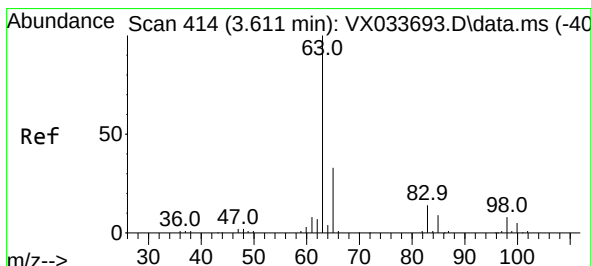
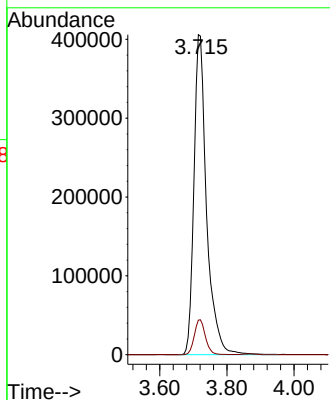
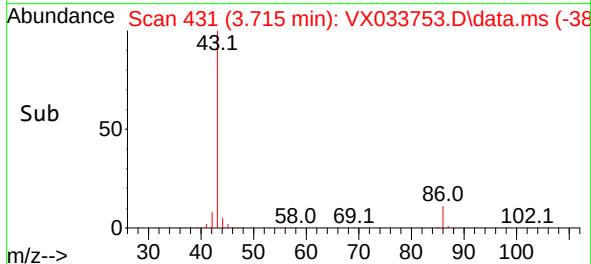
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



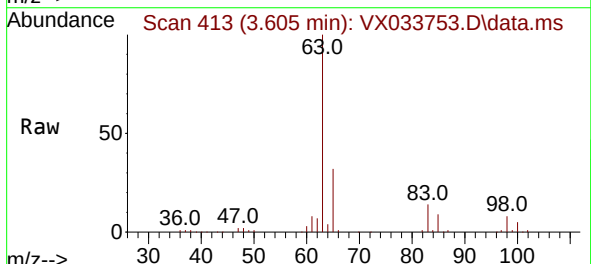
Tgt Ion: 43 Resp: 1062818
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6

Manual Integrations
 APPROVED

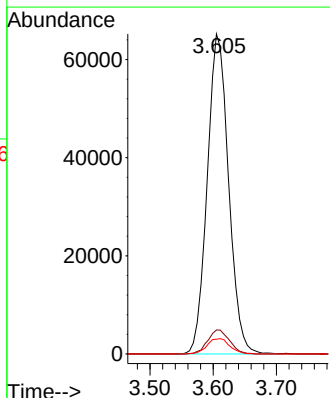
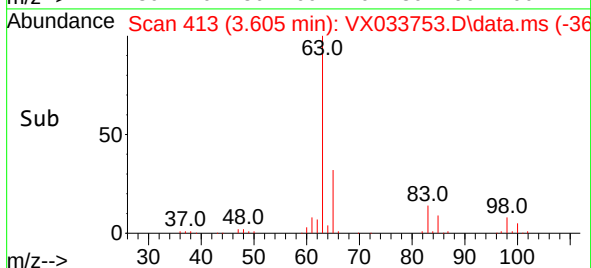
Reviewed By :John Carlone 01/18/2023
 Supervised By :Mahesh Dadoda 01/18/2023

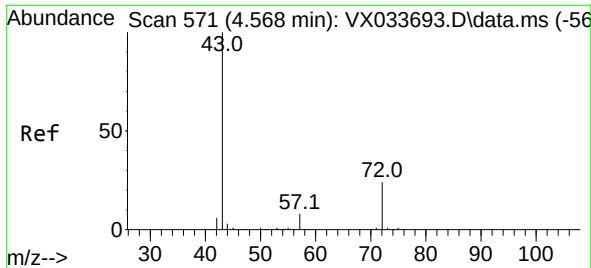


#24
 1,1-Dichloroethane
 Concen: 46.792 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033753.D
 Acq: 17 Jan 2023 10:50



Tgt Ion: 63 Resp: 153025
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.6 2.4 7.2





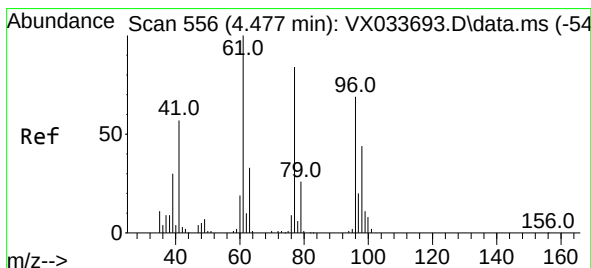
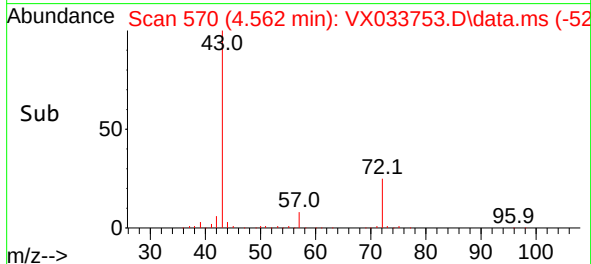
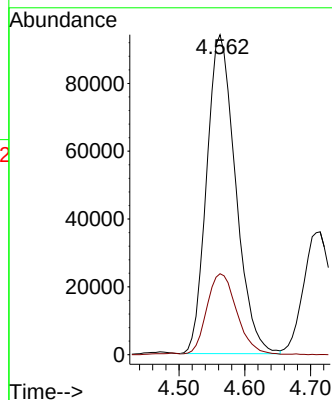
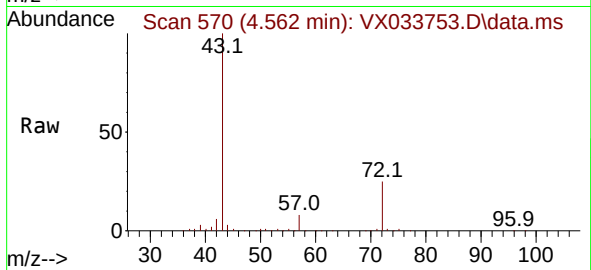
#25
2-Butanone
Concen: 215.722 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 287290
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2

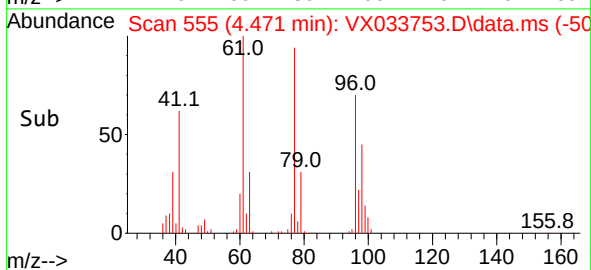
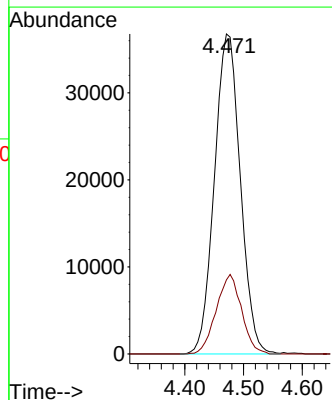
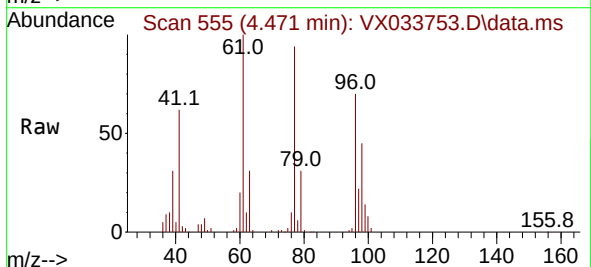
Manual Integrations
APPROVED

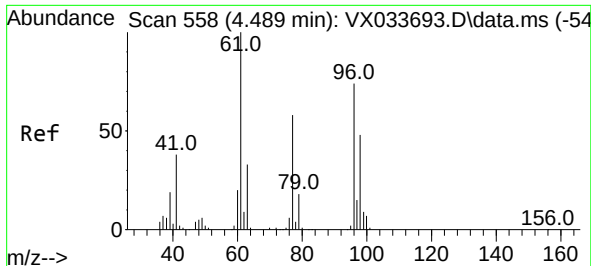
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#26
2,2-Dichloropropane
Concen: 48.053 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion: 77 Resp: 112567
Ion Ratio Lower Upper
77 100
97 24.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 47.647 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 10086

Ion Ratio Lower Upper

96 100

61 136.4 0.0 277.6

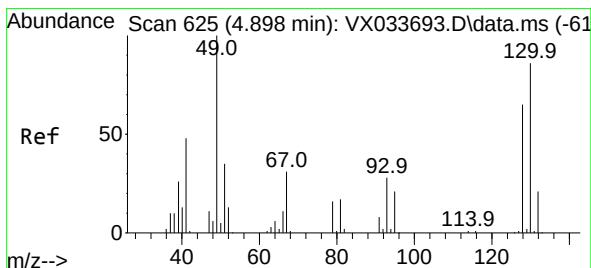
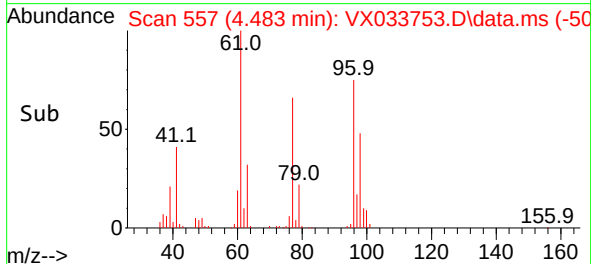
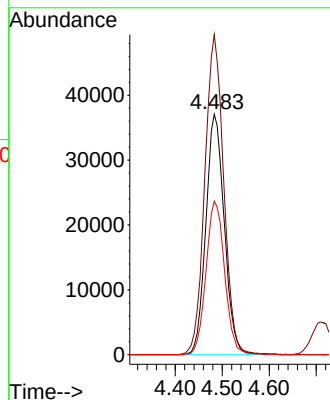
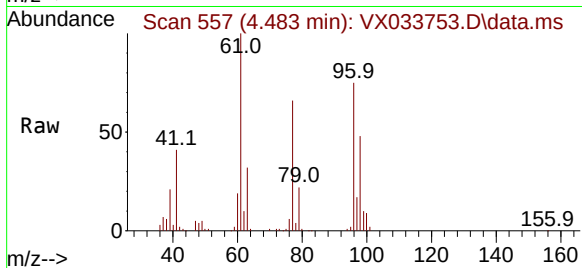
98 64.5 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#28

Bromochloromethane

Concen: 45.570 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

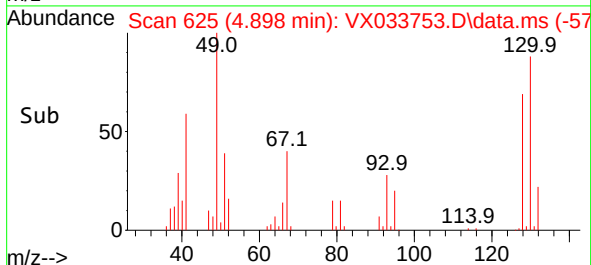
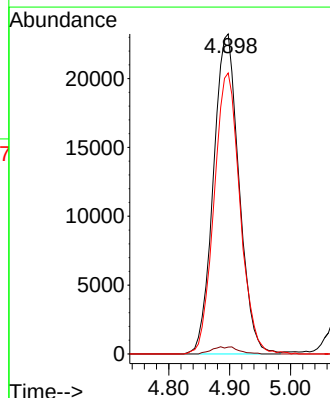
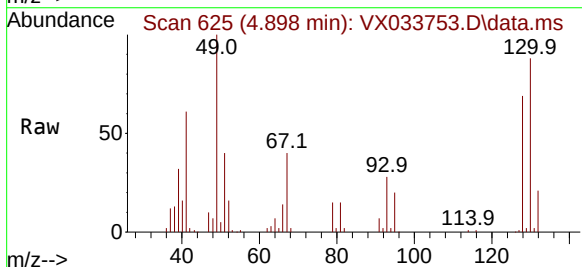
Tgt Ion: 49 Resp: 67884

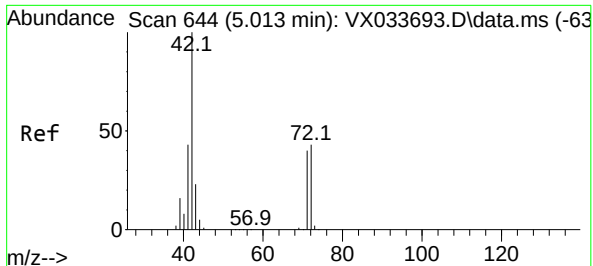
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 88.8 68.5 102.7





#29

Tetrahydrofuran

Concen: 215.402 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 180800

Ion Ratio Lower Upper

42 100

72 44.0 34.8 52.2

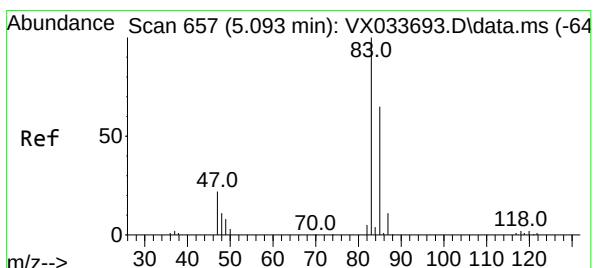
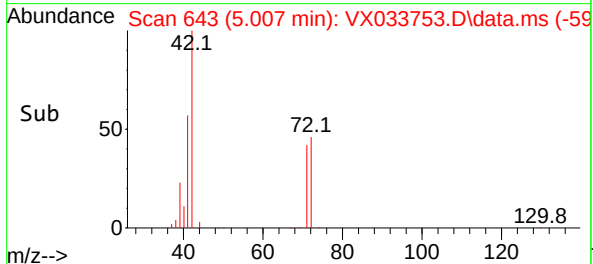
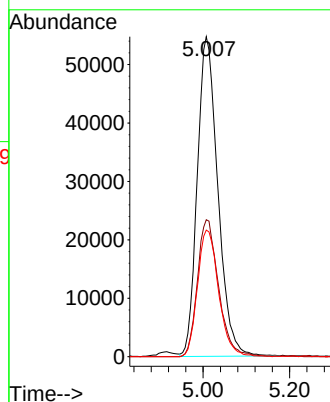
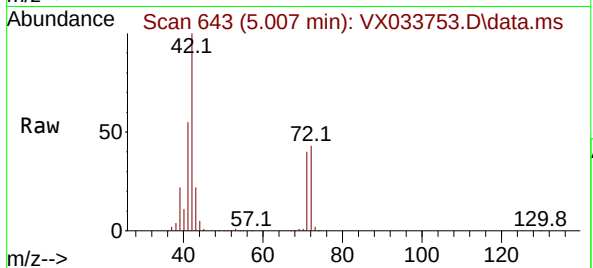
71 40.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#30

Chloroform

Concen: 46.958 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX033753.D

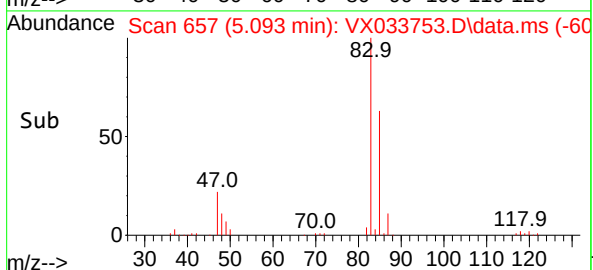
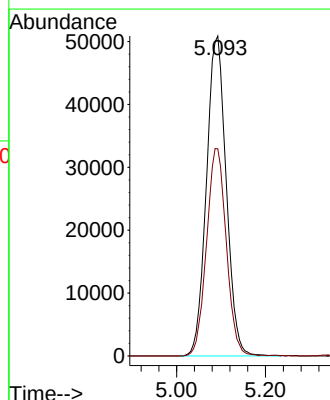
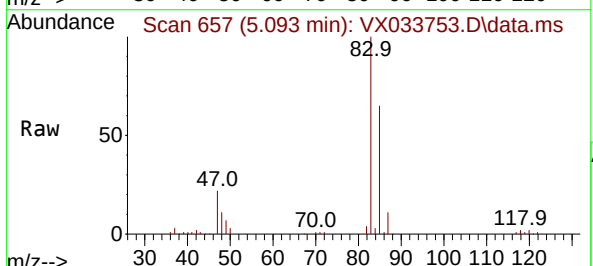
Acq: 17 Jan 2023 10:50

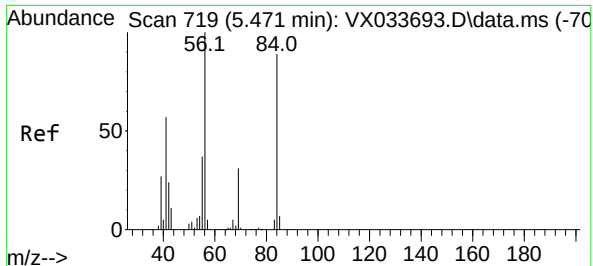
Tgt Ion: 83 Resp: 157286

Ion Ratio Lower Upper

83 100

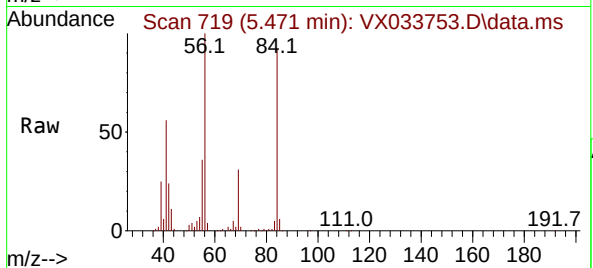
85 64.8 52.1 78.1





#31
Cyclohexane
Concen: 47.539 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

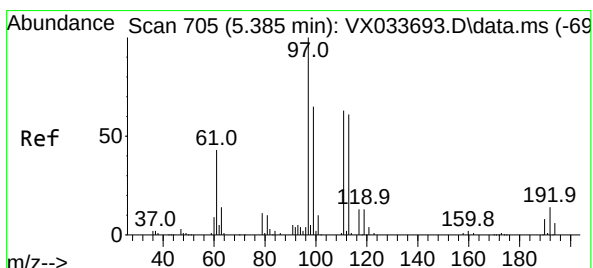
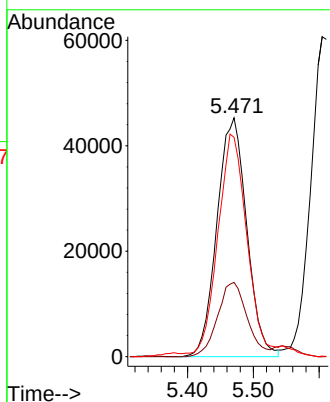
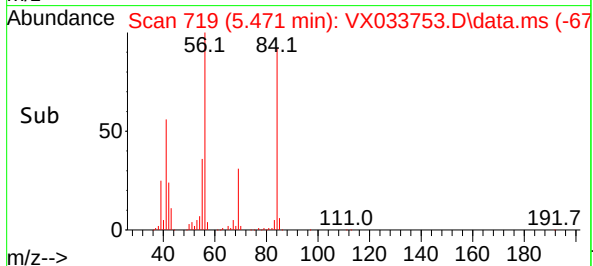
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



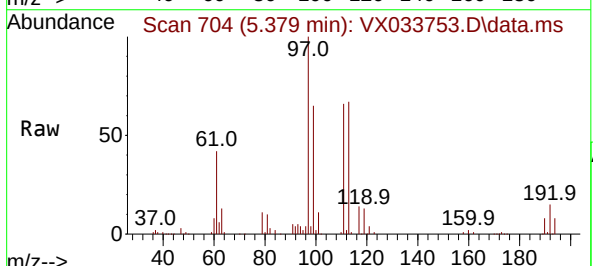
Tgt Ion: 56 Resp: 142583
Ion Ratio Lower Upper
56 100
69 31.1 24.6 37.0
84 90.5 71.0 106.6

Manual Integrations
APPROVED

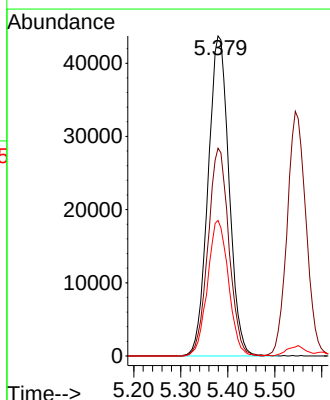
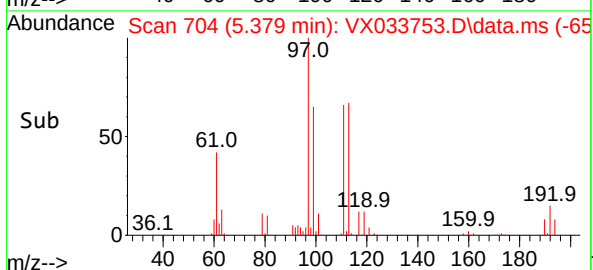
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

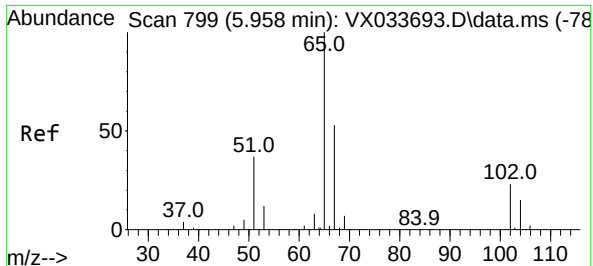


#32
1,1,1-Trichloroethane
Concen: 47.298 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



Tgt Ion: 97 Resp: 135261
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 42.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.336 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 9240

Ion Ratio Lower Upper

65 100

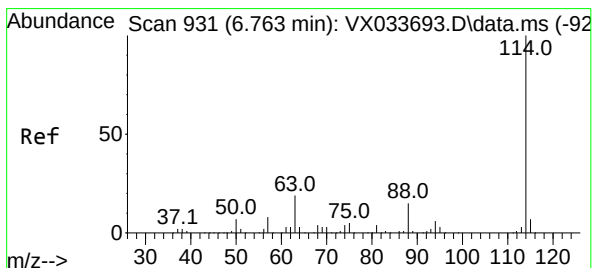
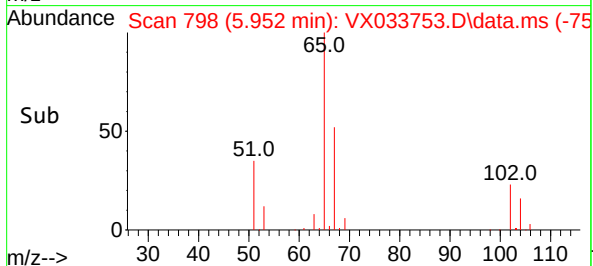
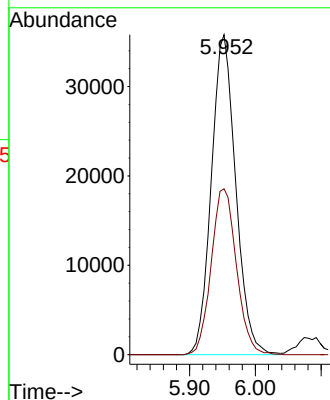
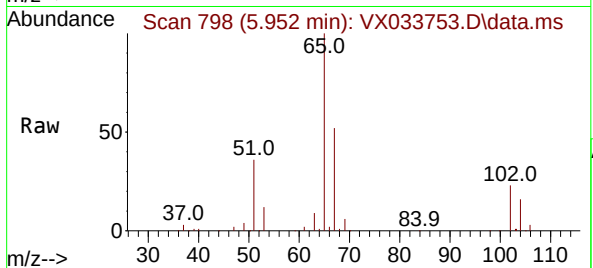
67 53.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

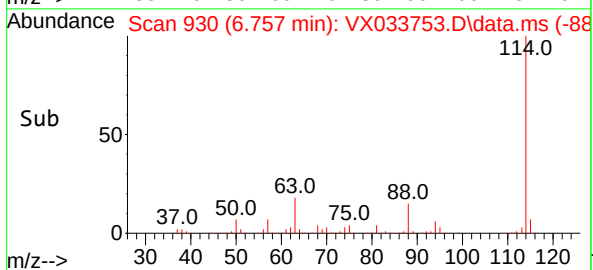
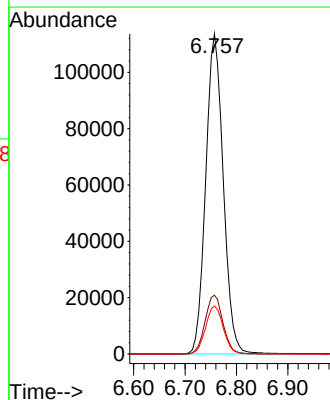
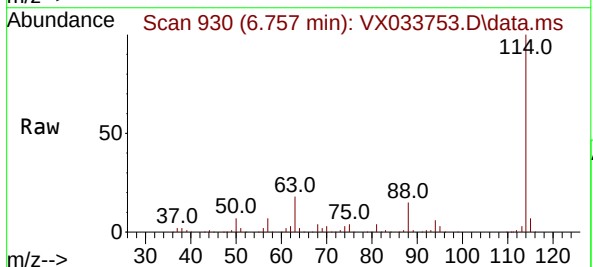
Tgt Ion:114 Resp: 269084

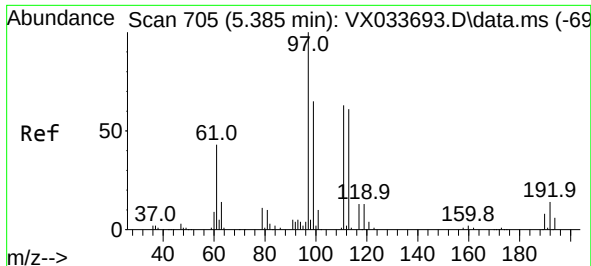
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

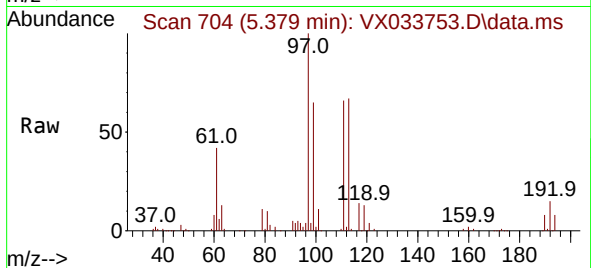
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

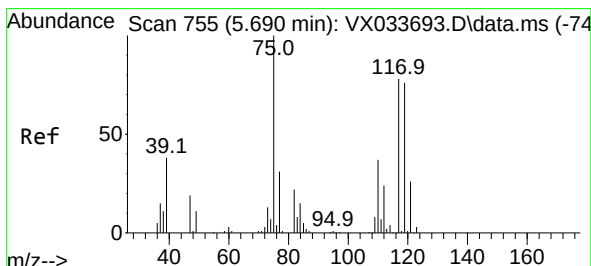
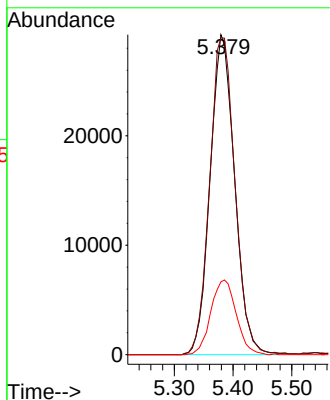
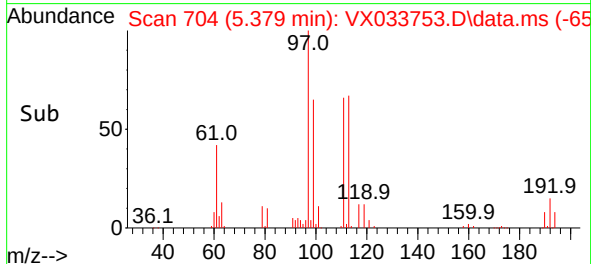
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 84634
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 24.2 19.0 28.4

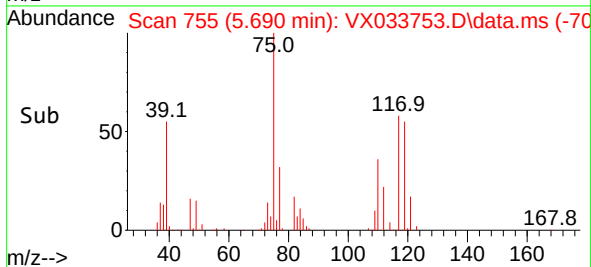
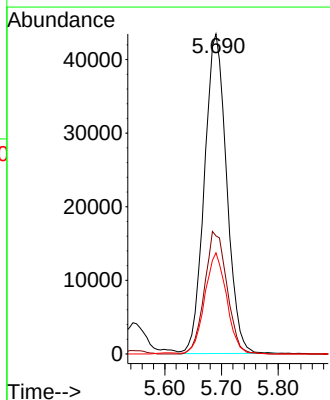
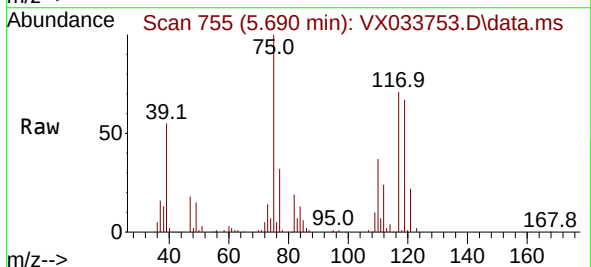
Manual Integrations
APPROVED

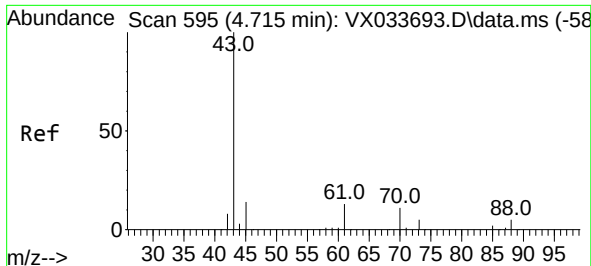
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#36
1,1-Dichloropropene
Concen: 48.488 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion: 75 Resp: 118241
Ion Ratio Lower Upper
75 100
110 38.7 18.8 56.4
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 47.522 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 110900

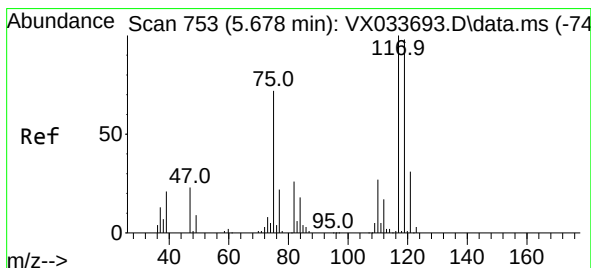
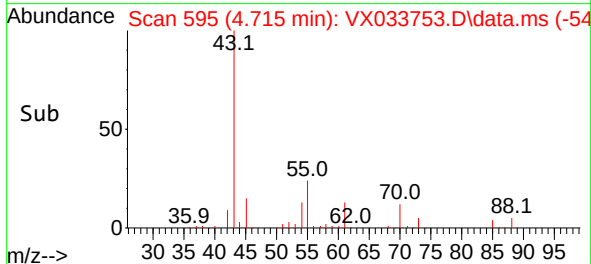
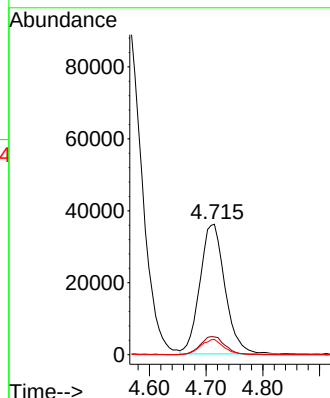
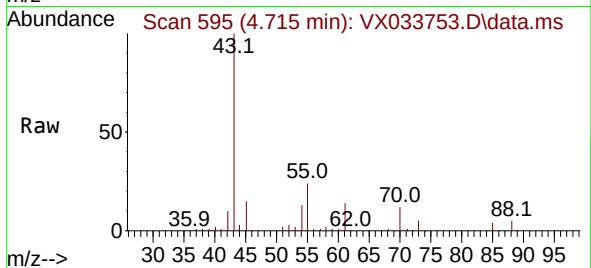
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	10.9	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#38

Carbon Tetrachloride

Concen: 49.420 ug/l

RT: 5.672 min Scan# 752

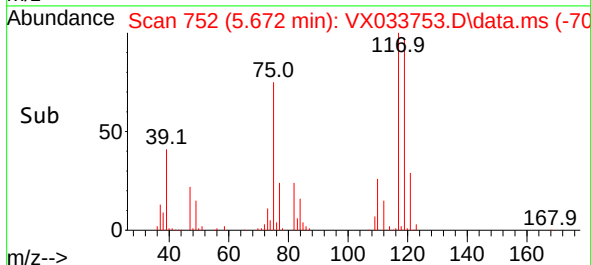
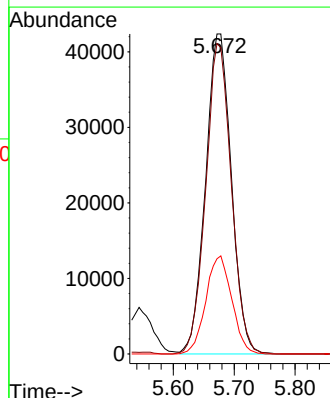
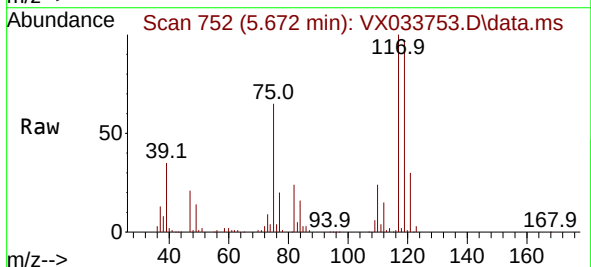
Delta R.T. -0.006 min

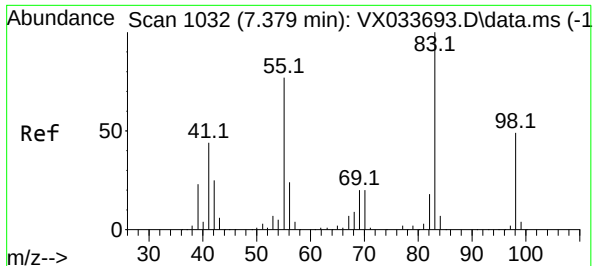
Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Tgt Ion:117 Resp: 124817

Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.0	117.0
121	29.7	24.4	36.6





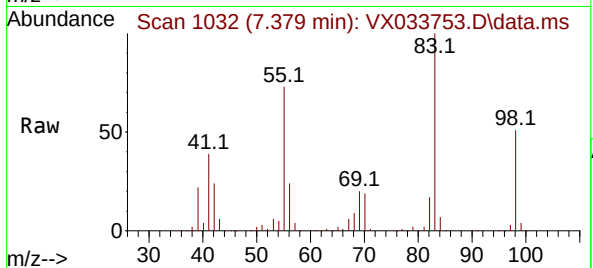
#39
Methylcyclohexane
Concen: 50.766 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



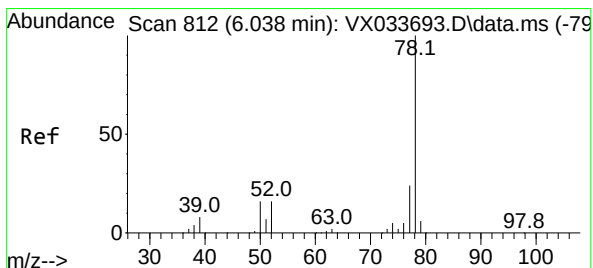
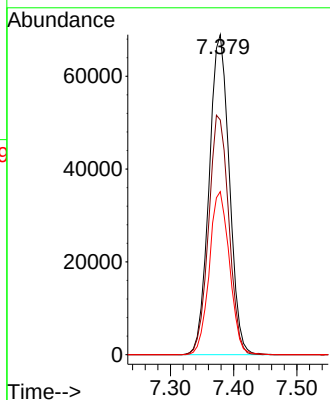
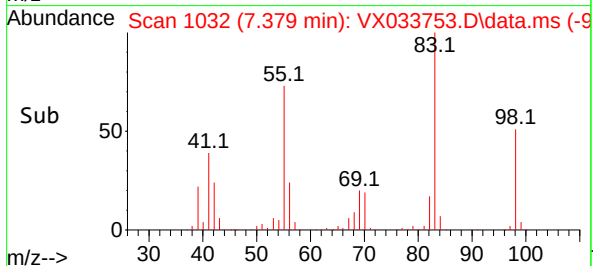
Tgt Ion: 83 Resp: 152880
Ion Ratio Lower Upper
83 100
55 73.4 61.8 92.6
98 50.9 39.3 58.9

Manual Integrations

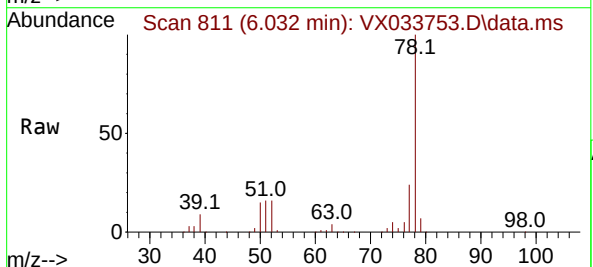
APPROVED

Reviewed By :John Carlone 01/18/2023

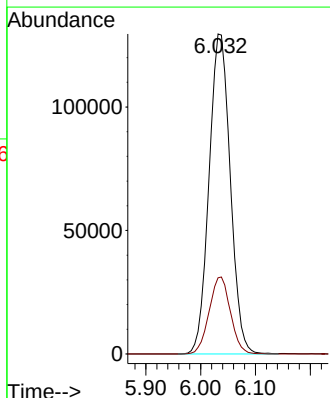
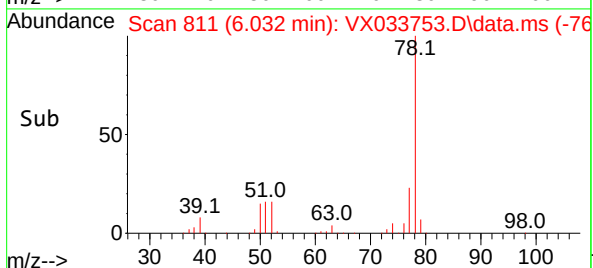
Supervised By :Mahesh Dadoda 01/18/2023

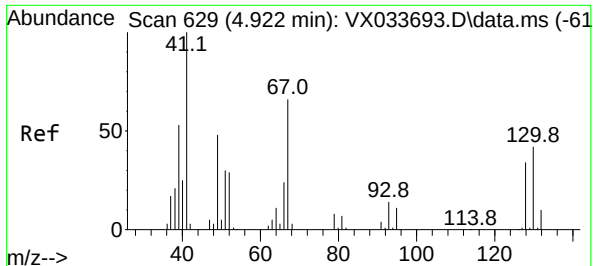


#40
Benzene
Concen: 49.000 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



Tgt Ion: 78 Resp: 348285
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





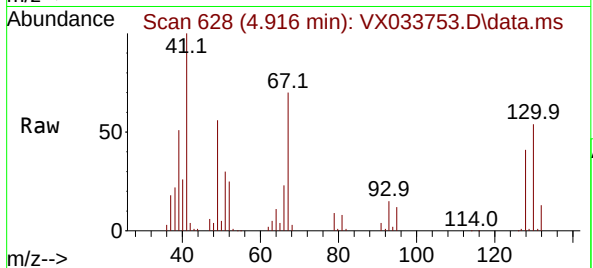
#41
Methacrylonitrile
Concen: 47.862 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



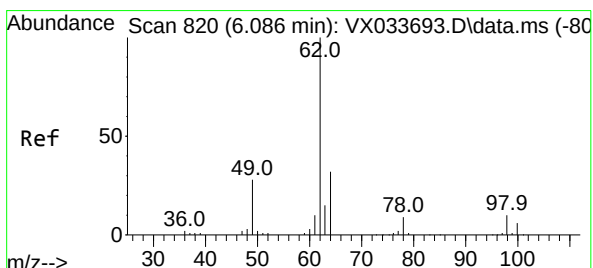
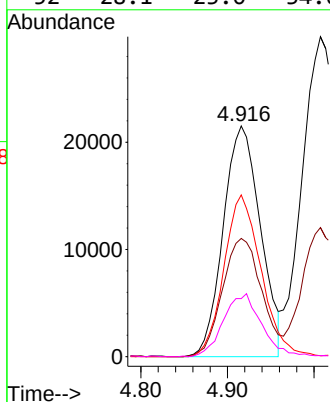
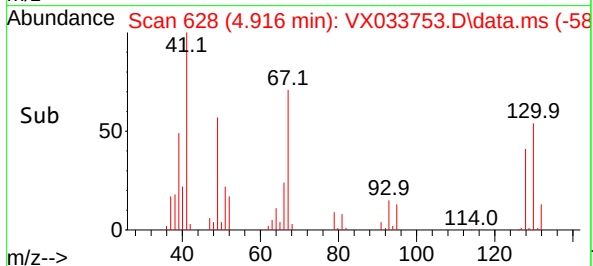
Tgt Ion: 41 Resp: 6431
Ion Ratio Lower Upper
41 100
39 54.5 43.8 65.6
67 70.1 54.8 82.2
52 28.1 23.0 34.6

Manual Integrations

APPROVED

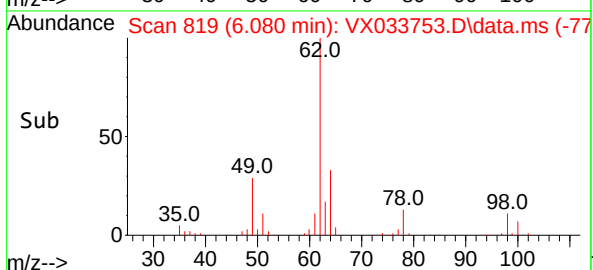
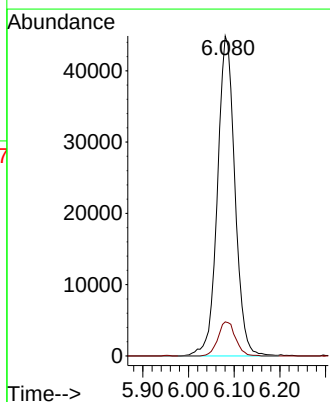
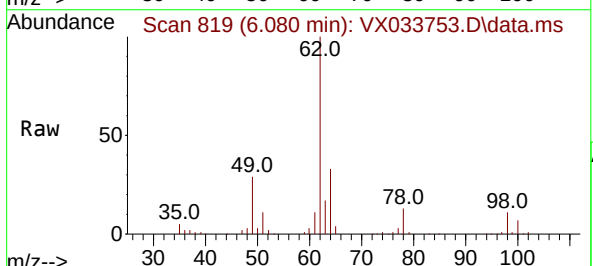
Reviewed By :John Carlone 01/18/2023

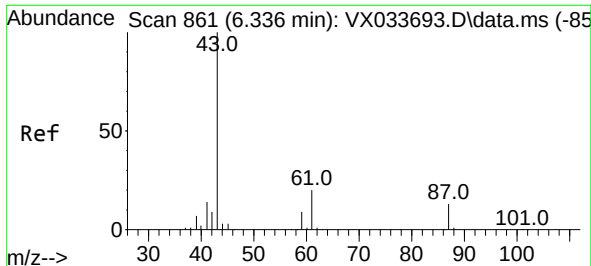
Supervised By :Mahesh Dadoda 01/18/2023



#42
1,2-Dichloroethane
Concen: 47.359 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion: 62 Resp: 119292
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.2





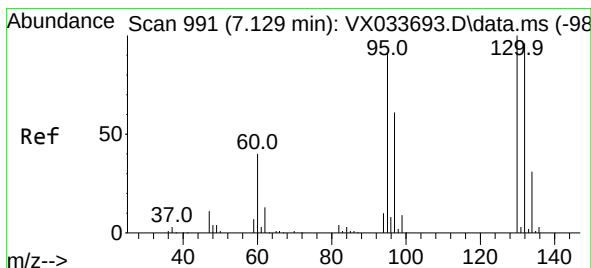
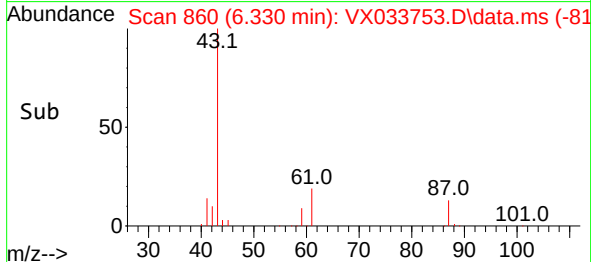
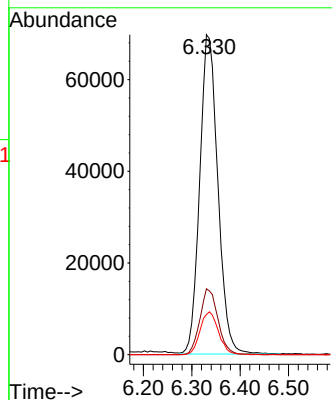
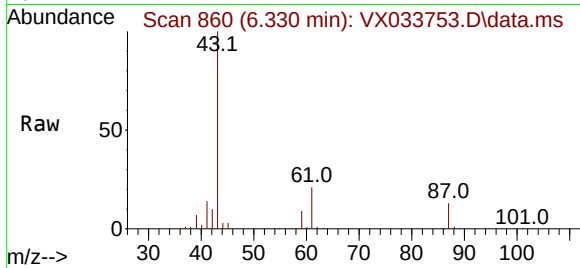
#43
Isopropyl Acetate
Concen: 47.163 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 18156
Ion Ratio Lower Upper
43 100
61 20.5 15.7 23.5
87 13.6 10.6 15.8

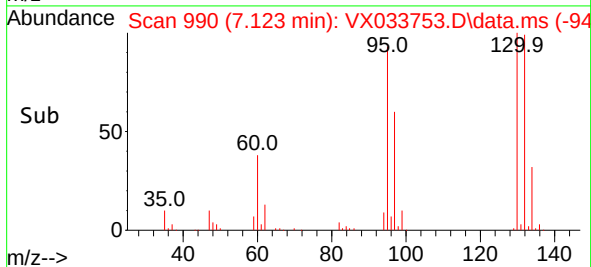
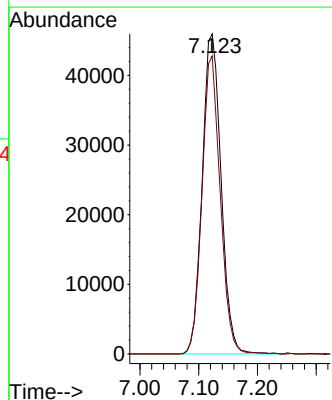
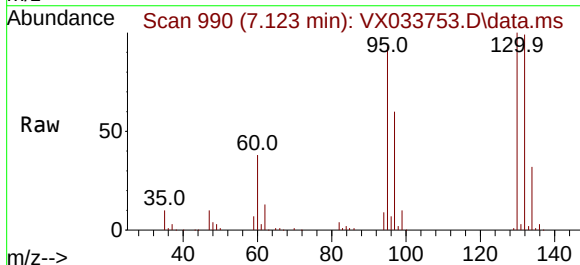
Manual Integrations
APPROVED

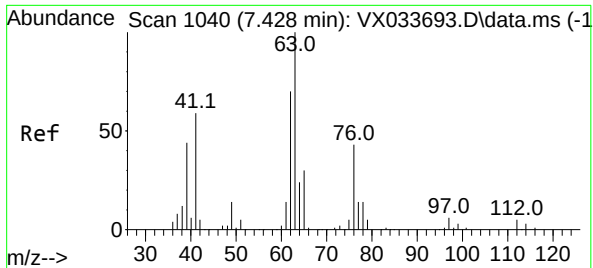
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#44
Trichloroethene
Concen: 51.700 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion:130 Resp: 102759
Ion Ratio Lower Upper
130 100
95 93.2 0.0 182.6





#45

1,2-Dichloropropane

Concen: 50.020 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 89062

Ion Ratio Lower Upper

63 100

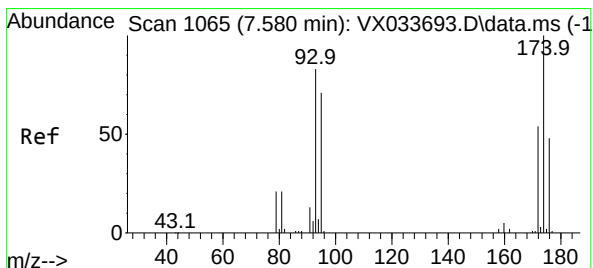
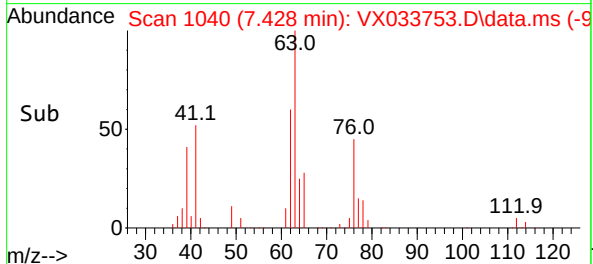
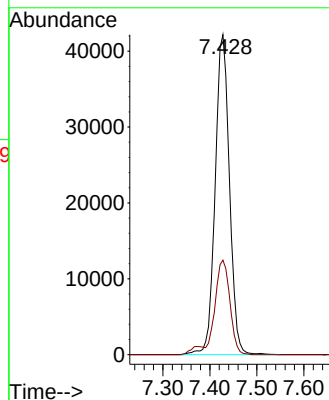
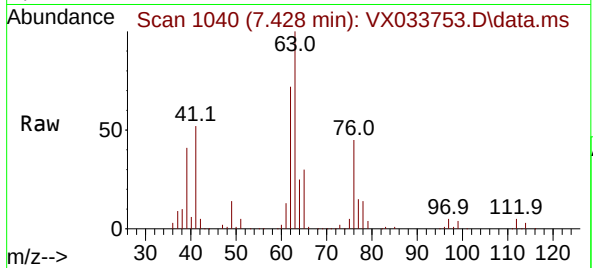
65 29.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#46

Dibromomethane

Concen: 49.143 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

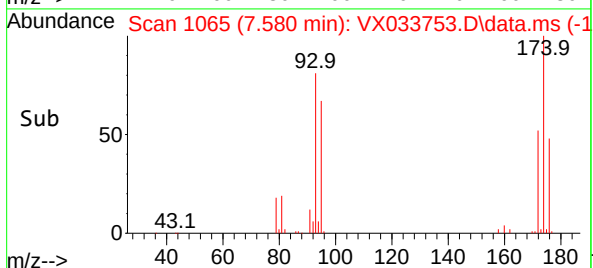
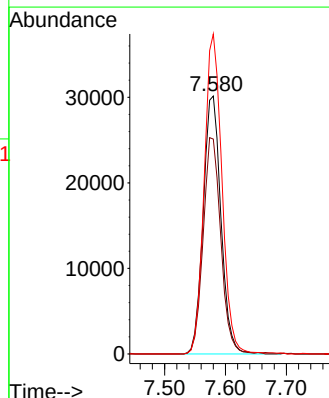
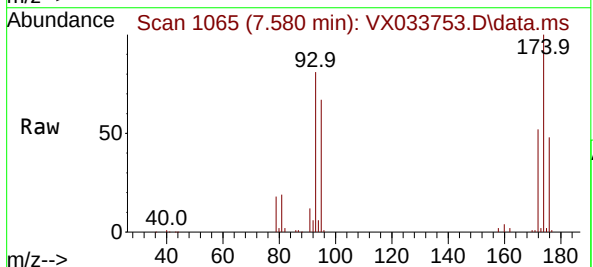
Tgt Ion: 93 Resp: 61118

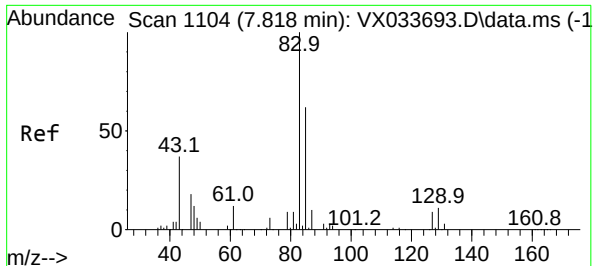
Ion Ratio Lower Upper

93 100

95 83.2 67.6 101.4

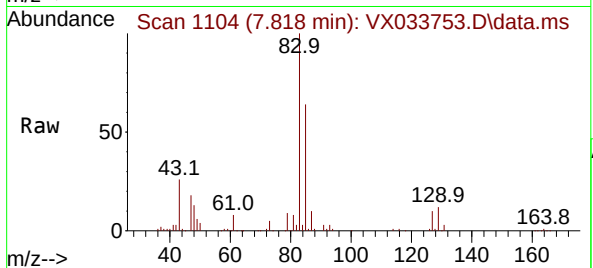
174 123.8 97.4 146.0





#47
Bromodichloromethane
Concen: 49.442 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

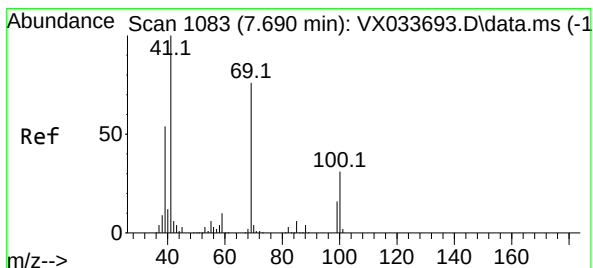
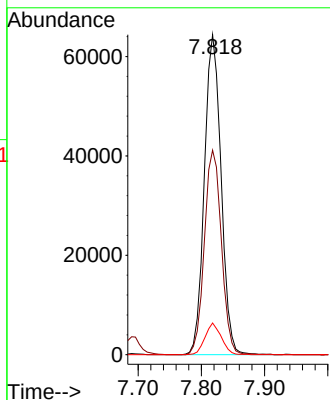
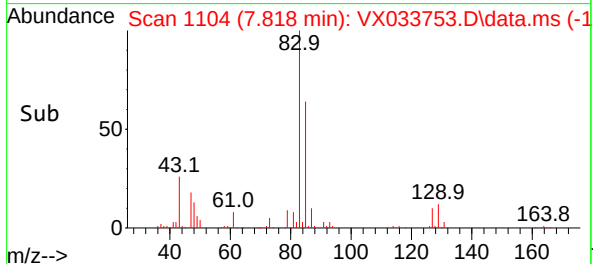
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11850
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 9.9 7.0 10.4

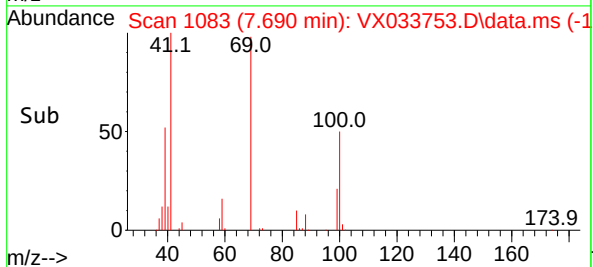
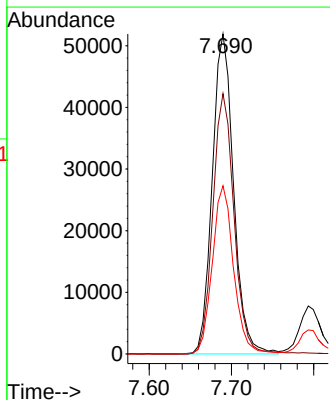
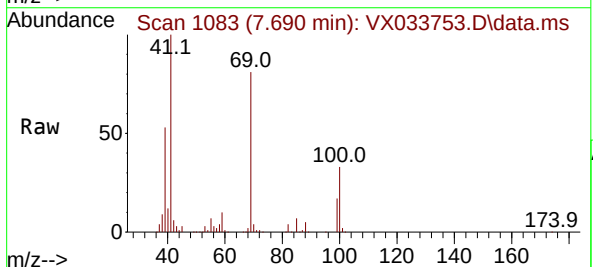
Manual Integrations
APPROVED

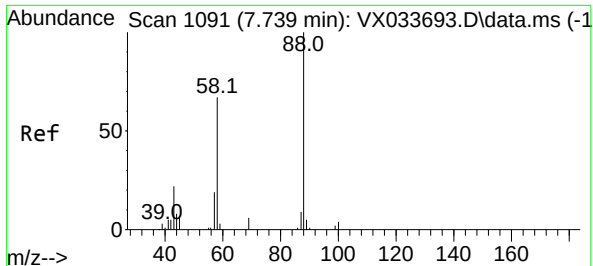
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#48
Methyl methacrylate
Concen: 48.286 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

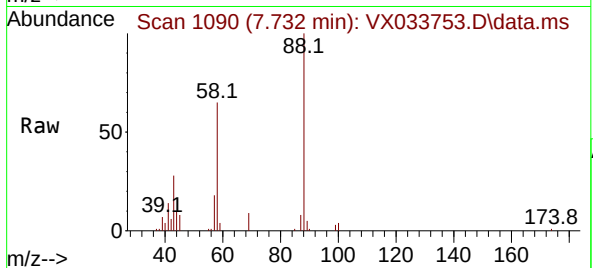
Tgt Ion: 41 Resp: 93639
Ion Ratio Lower Upper
41 100
69 81.4 63.1 94.7
39 52.6 43.2 64.8





#49
1,4-Dioxane
Concen: 874.493 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

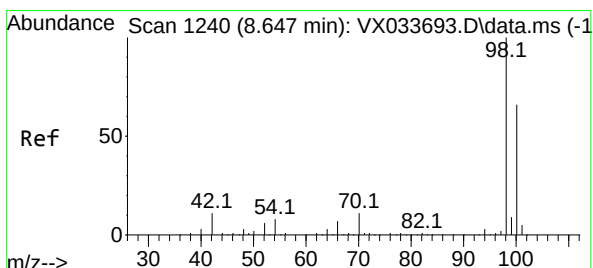
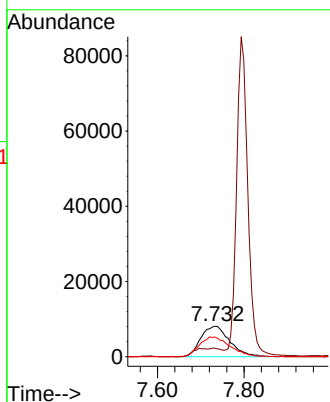
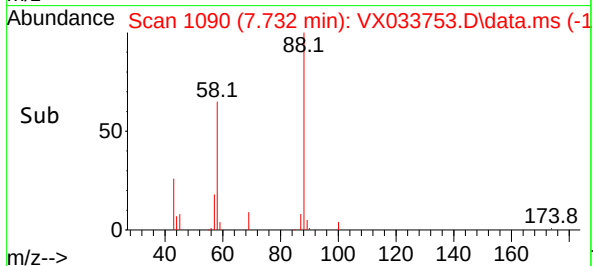
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 37512
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 68.7 56.5 84.7

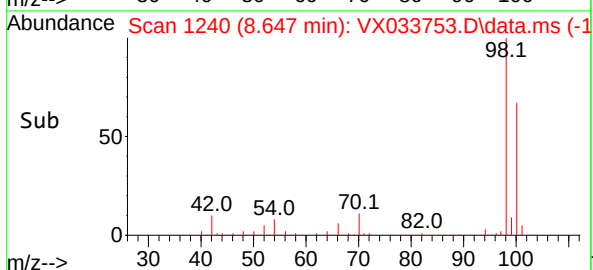
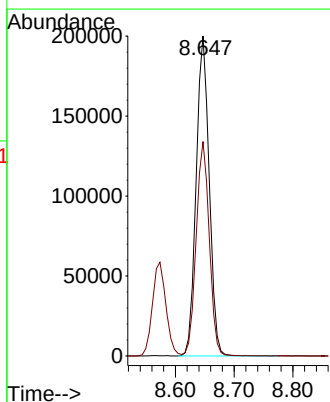
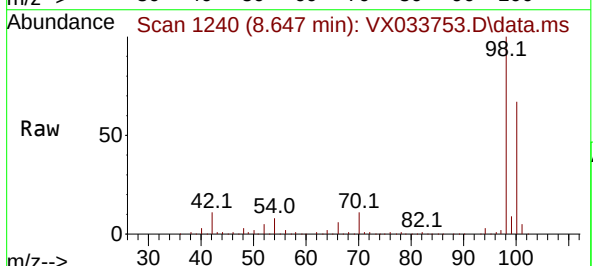
Manual Integrations
APPROVED

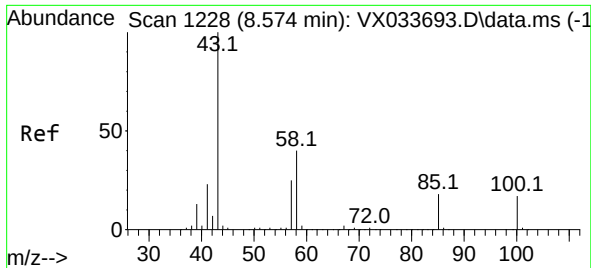
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#50
Toluene-d8
Concen: 50.794 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

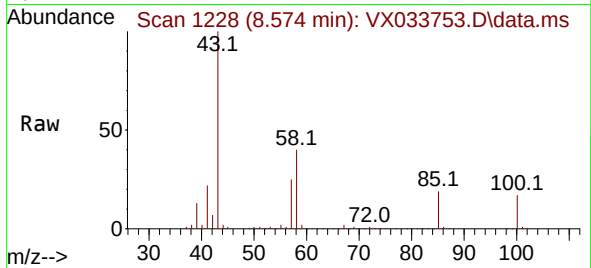
Tgt Ion: 98 Resp: 309224
Ion Ratio Lower Upper
98 100
100 67.1 53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 233.451 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

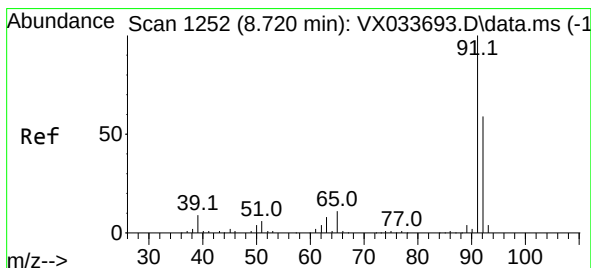
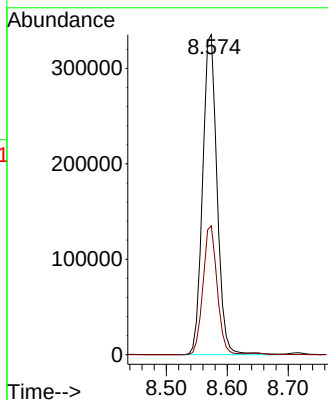
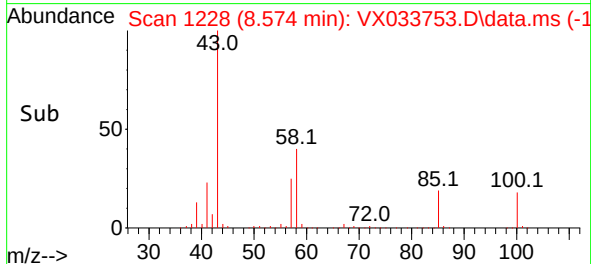
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



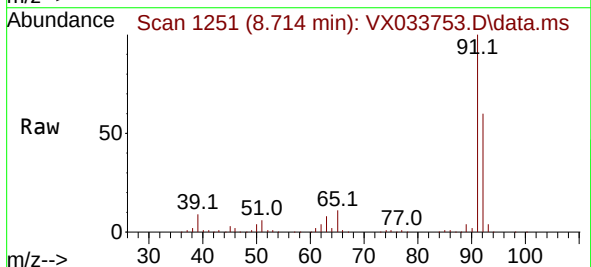
Tgt Ion: 43 Resp: 551940
Ion Ratio Lower Upper
43 100
58 39.6 31.2 46.8

Manual Integrations
APPROVED

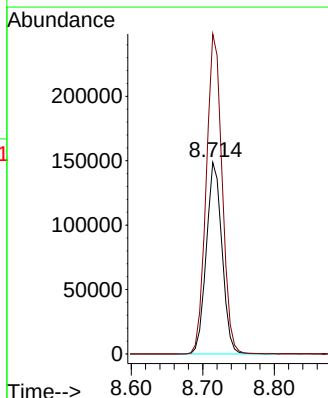
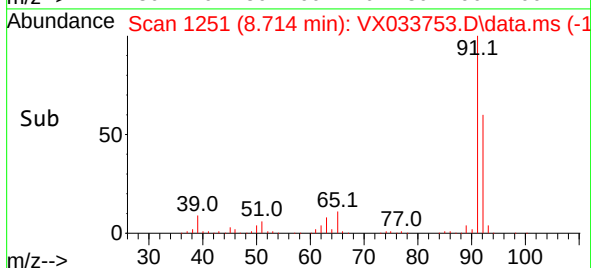
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

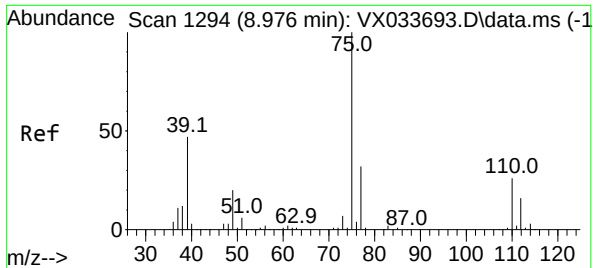


#52
Toluene
Concen: 49.312 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



Tgt Ion: 92 Resp: 226345
Ion Ratio Lower Upper
92 100
91 169.0 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 51.839 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 124250

Ion Ratio Lower Upper

75 100

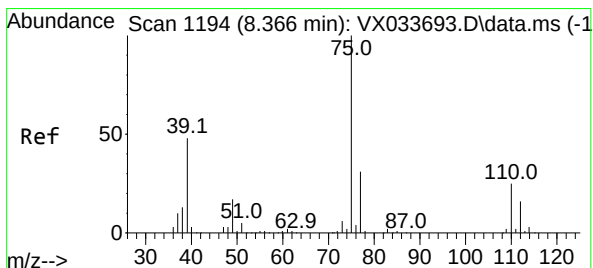
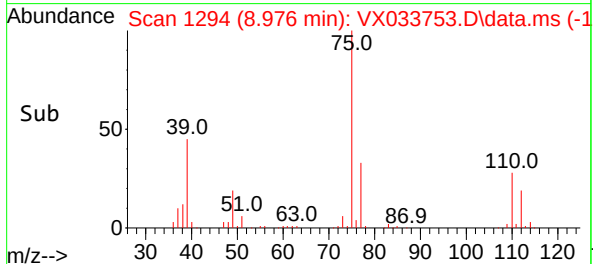
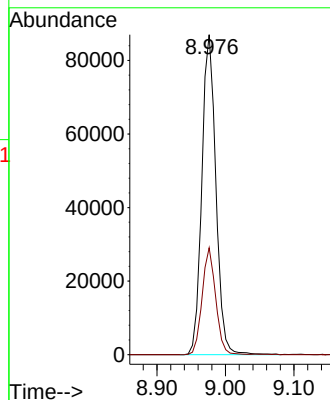
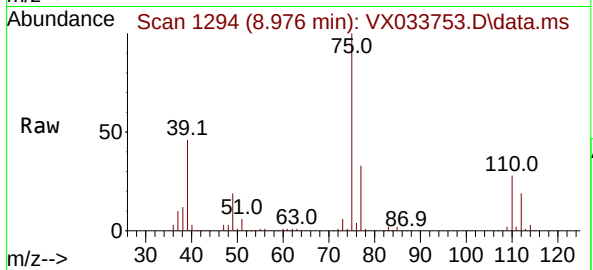
77 33.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#54

cis-1,3-Dichloropropene

Concen: 52.698 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

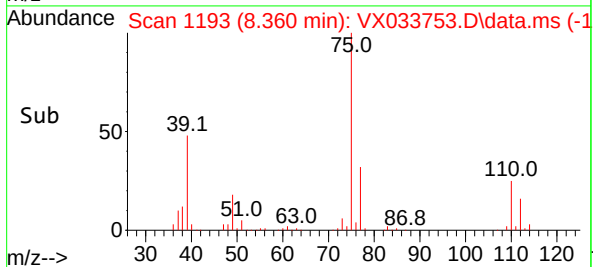
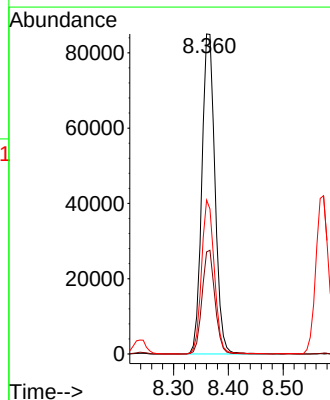
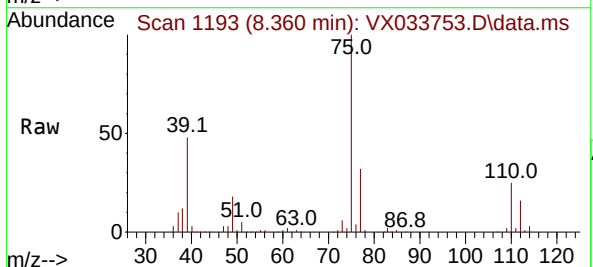
Tgt Ion: 75 Resp: 141536

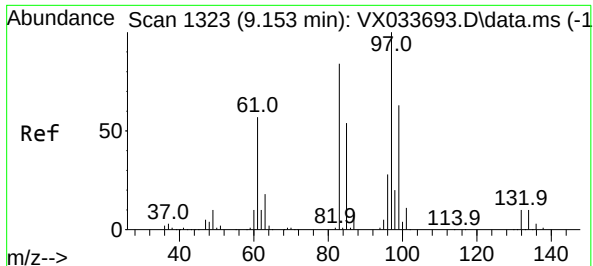
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6

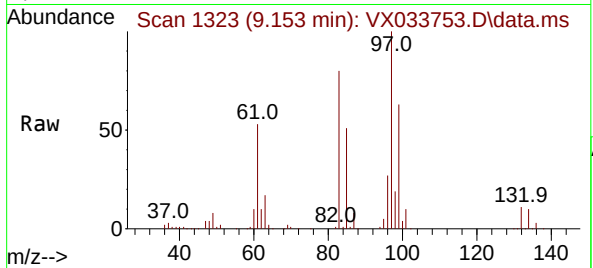
39 48.1 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 48.986 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

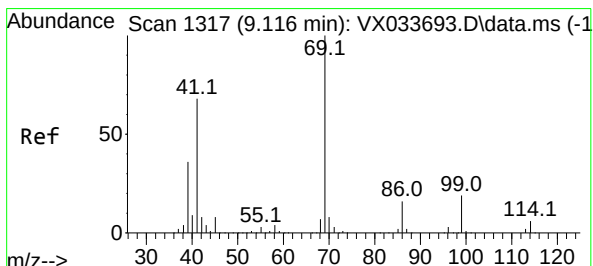
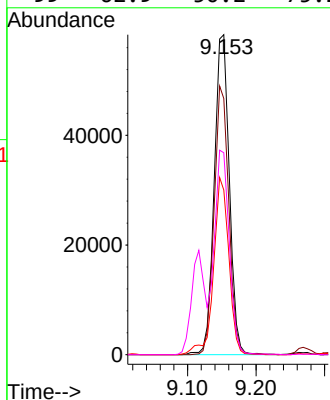
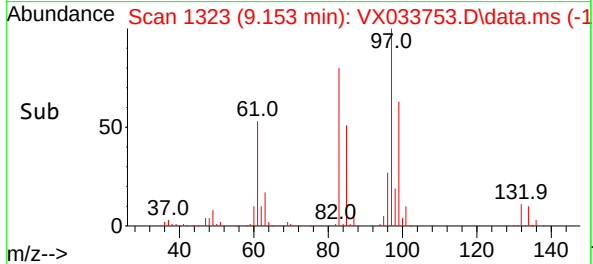
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



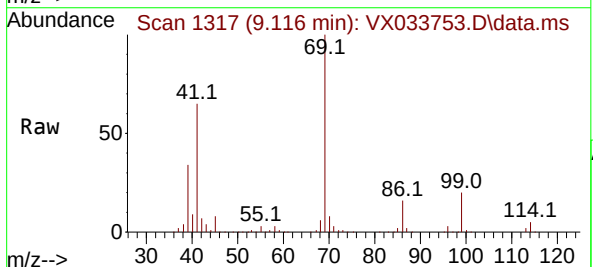
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.1	67.4	101.0
85	51.4	43.2	64.8
99	62.9	50.2	75.2

Manual Integrations
APPROVED

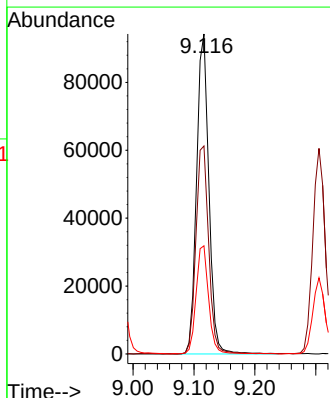
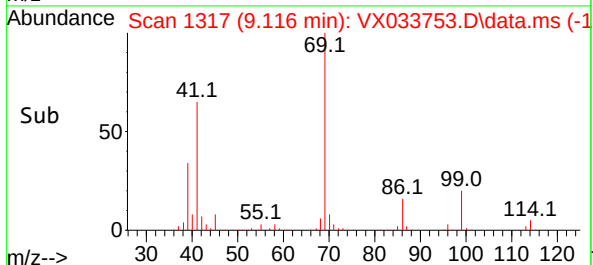
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

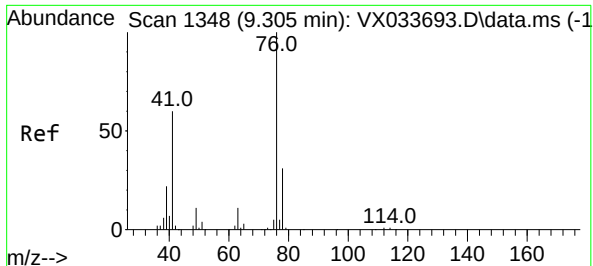


#56
Ethyl methacrylate
Concen: 51.548 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.1	82.7
39	34.8	28.5	42.7





#57

1,3-Dichloropropane

Concen: 49.755 ug/l

RT: 9.305 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 14658

Ion Ratio Lower Upper

76 100

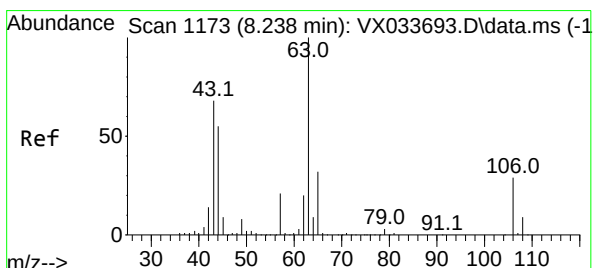
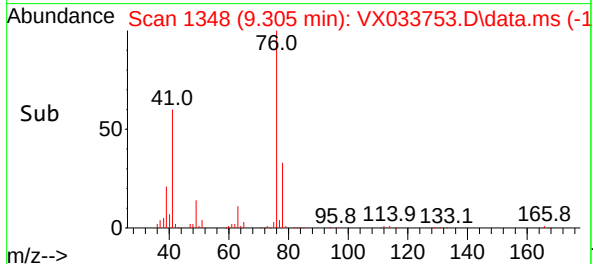
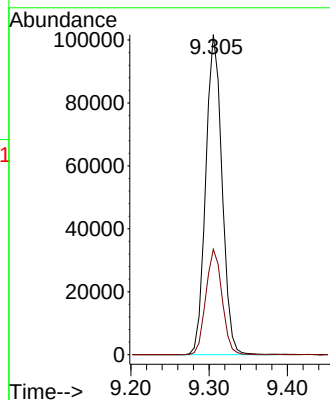
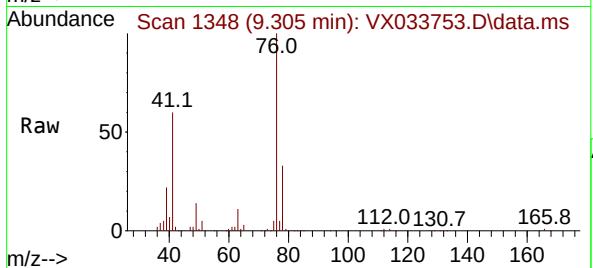
78 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 240.226 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX033753.D

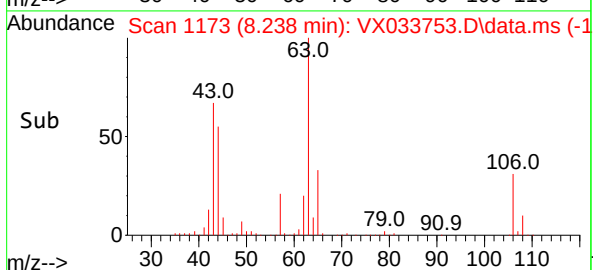
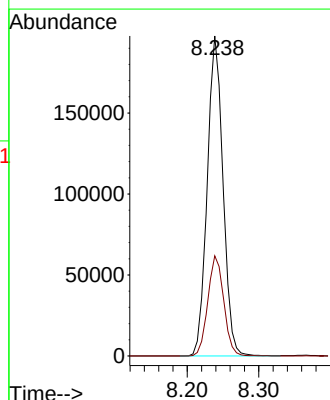
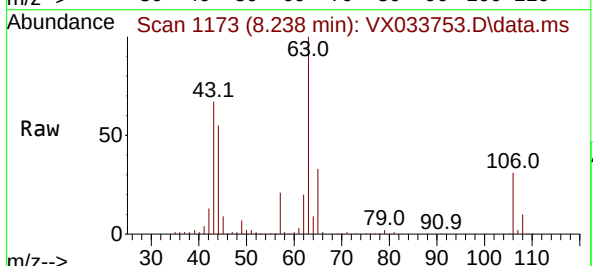
Acq: 17 Jan 2023 10:50

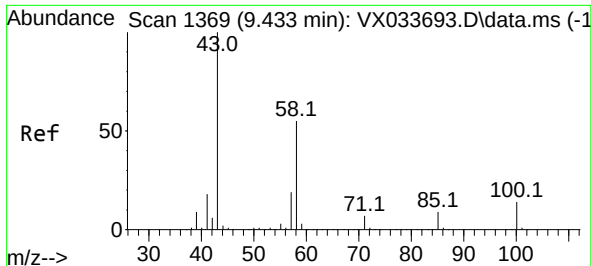
Tgt Ion: 63 Resp: 302518

Ion Ratio Lower Upper

63 100

106 31.6 24.5 36.7





#59

2-Hexanone

Concen: 251.173 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 41332

Ion Ratio Lower Upper

43 100

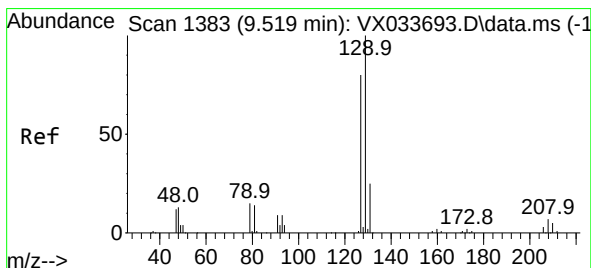
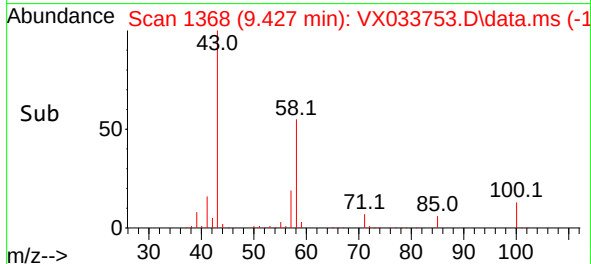
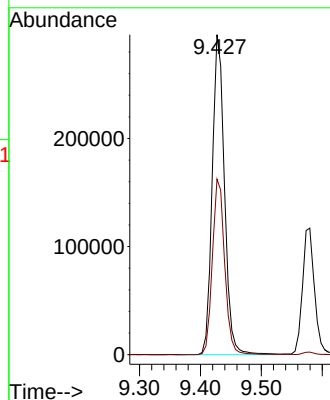
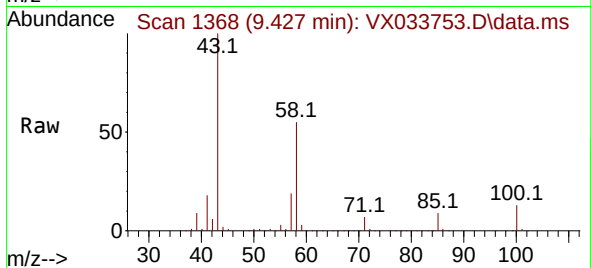
58 55.2 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#60

Dibromochloromethane

Concen: 52.598 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX033753.D

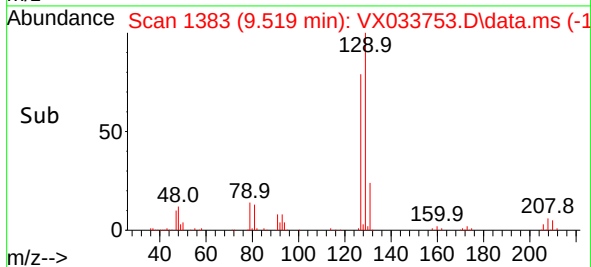
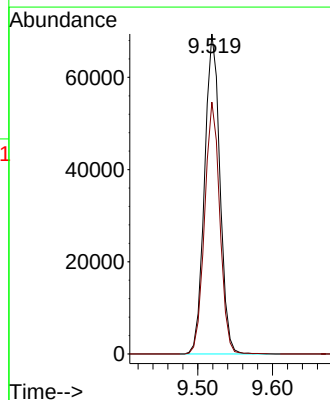
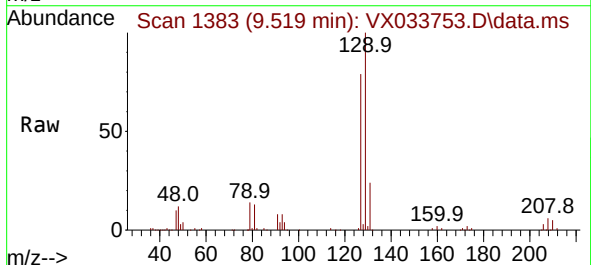
Acq: 17 Jan 2023 10:50

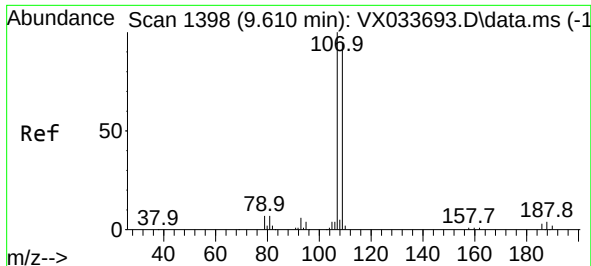
Tgt Ion:129 Resp: 99077

Ion Ratio Lower Upper

129 100

127 77.7 38.8 116.3





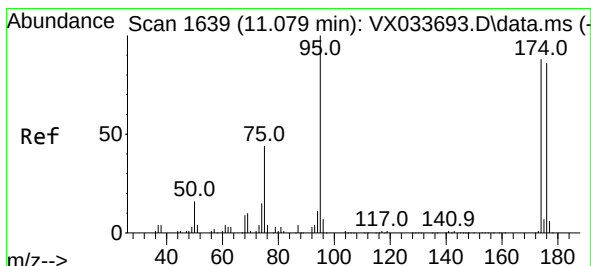
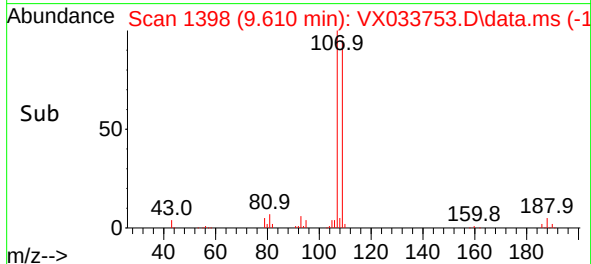
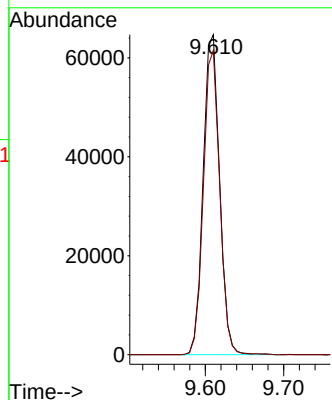
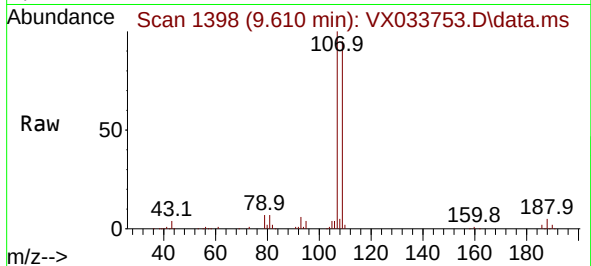
#61
1,2-Dibromoethane
Concen: 51.881 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 94075
Ion Ratio Lower Upper
107 100
109 94.5 74.2 111.2

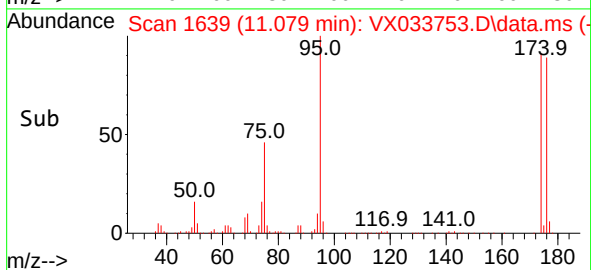
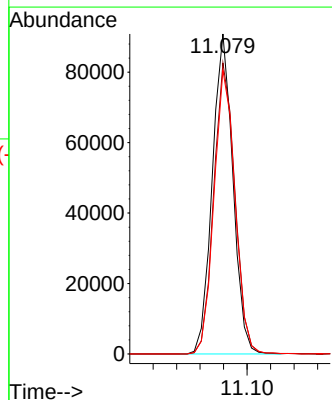
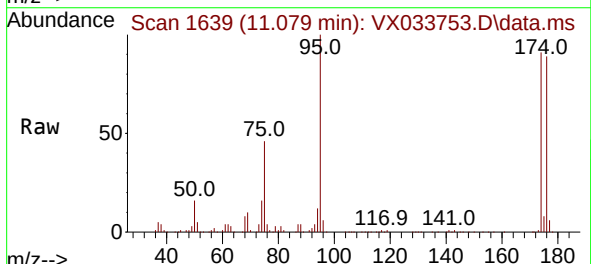
Manual Integrations
APPROVED

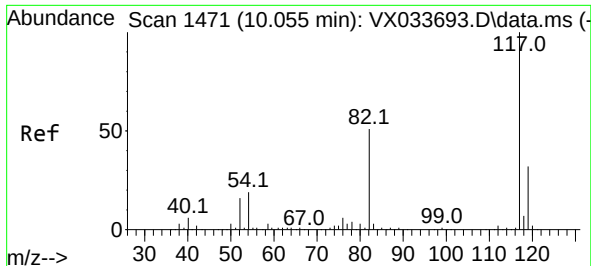
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#62
4-Bromofluorobenzene
Concen: 49.020 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

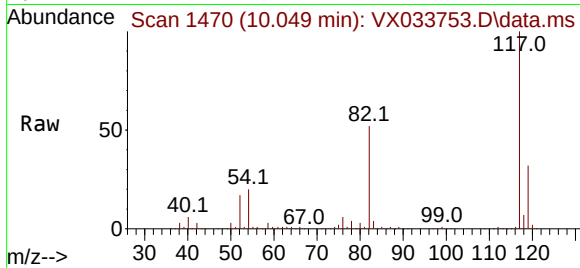
Tgt Ion: 95 Resp: 110801
Ion Ratio Lower Upper
95 100
174 93.4 0.0 184.4
176 90.5 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

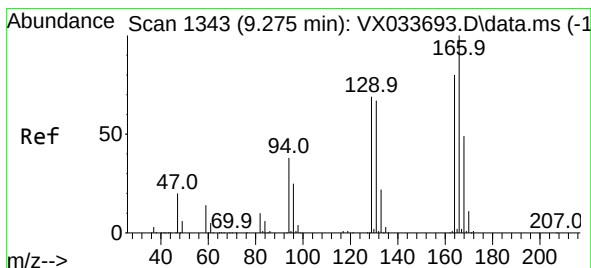
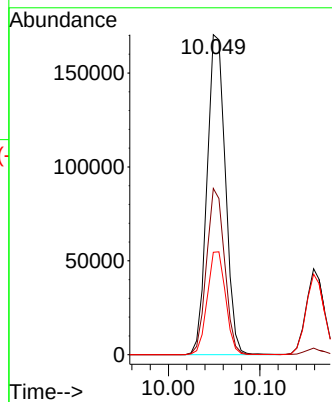
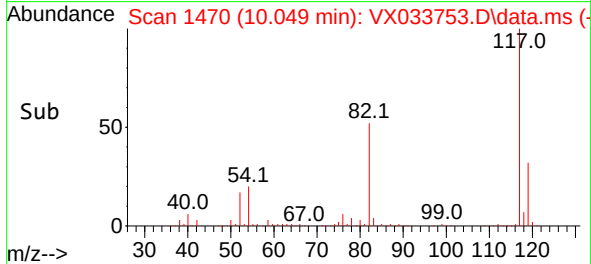
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 237059
Ion Ratio Lower Upper
117 100
82 51.9 40.6 60.8
119 32.0 25.6 38.4

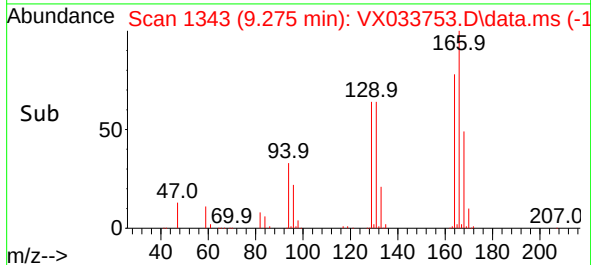
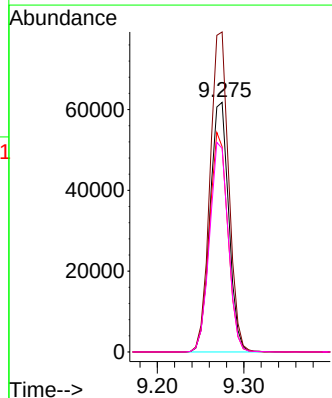
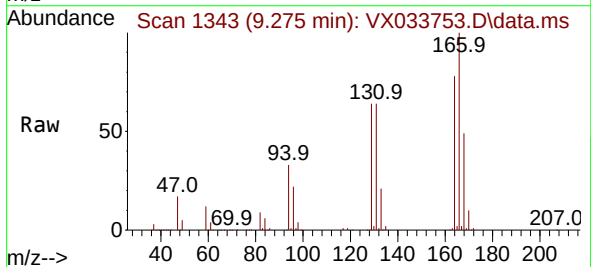
Manual Integrations
APPROVED

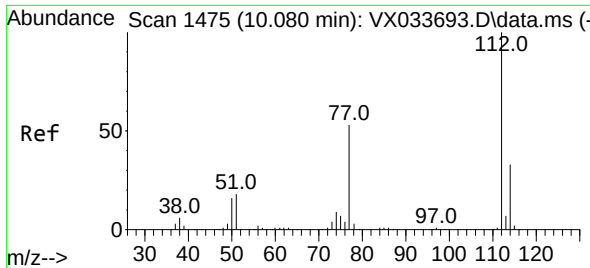
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#64
Tetrachloroethene
Concen: 55.737 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

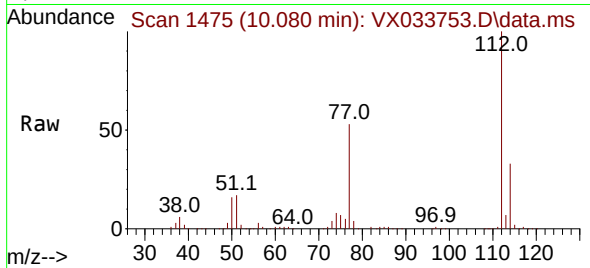
Tgt Ion:164 Resp: 92735
Ion Ratio Lower Upper
164 100
166 128.2 100.2 150.2
129 82.2 69.2 103.8
131 81.6 67.2 100.8





#65
Chlorobenzene
Concen: 50.520 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

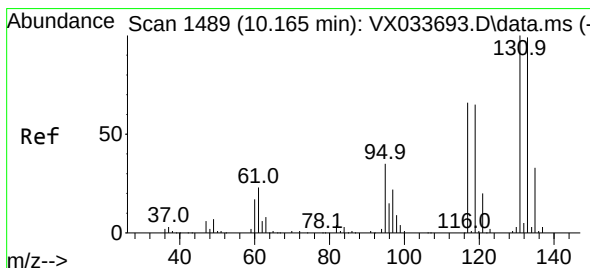
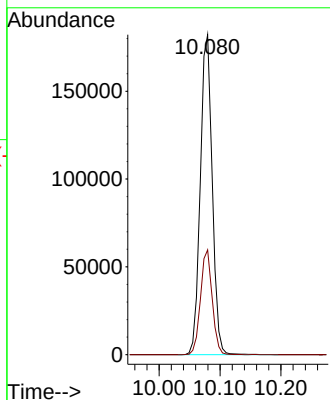
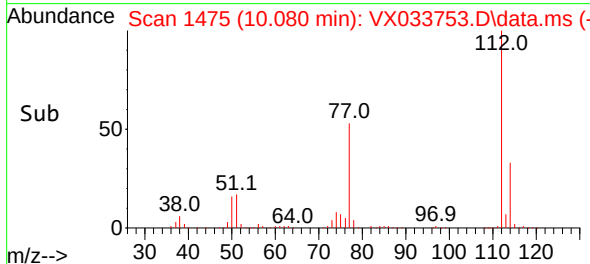
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



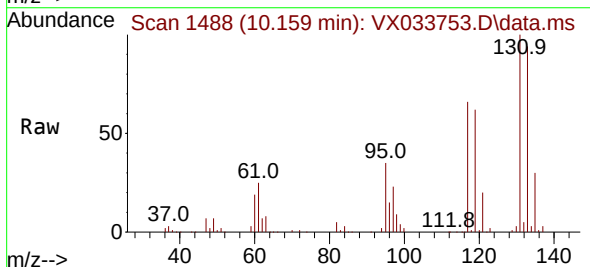
Tgt Ion:112 Resp: 247930
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4

Manual Integrations
APPROVED

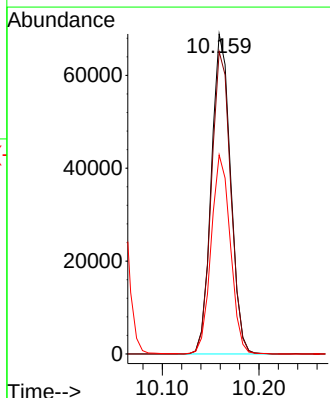
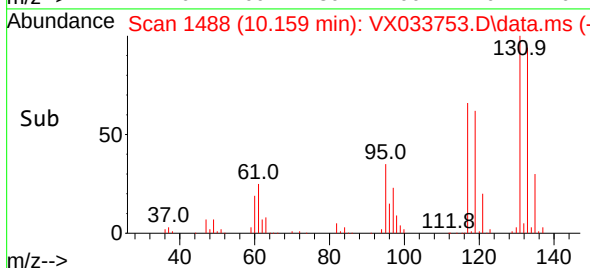
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

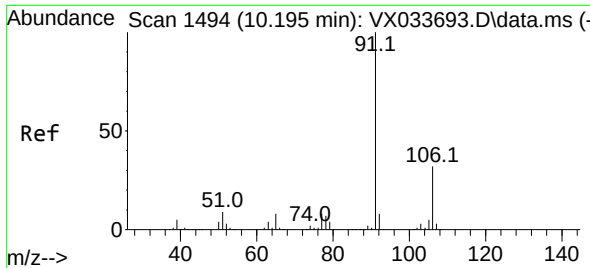


#66
1,1,1,2-Tetrachloroethane
Concen: 52.524 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



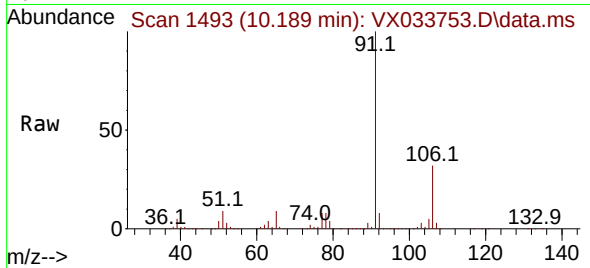
Tgt Ion:131 Resp: 94863
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 62.3 31.9 95.7





#67
Ethyl Benzene
Concen: 51.071 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

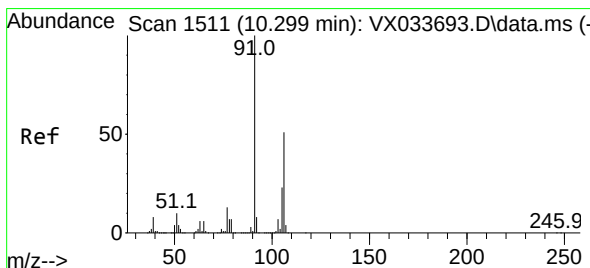
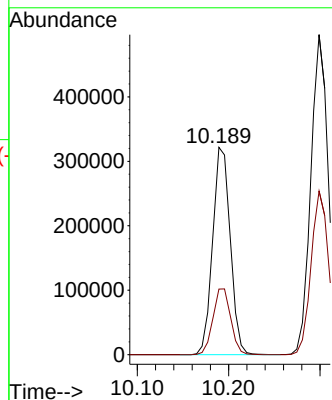
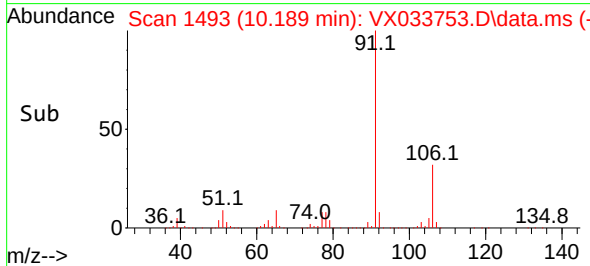
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 430328
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8

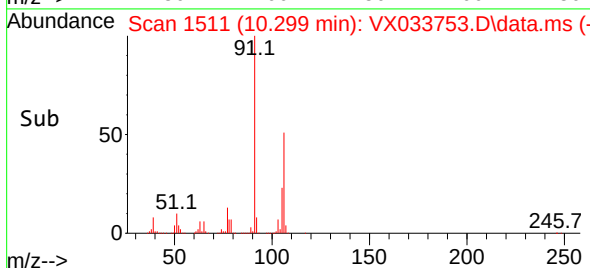
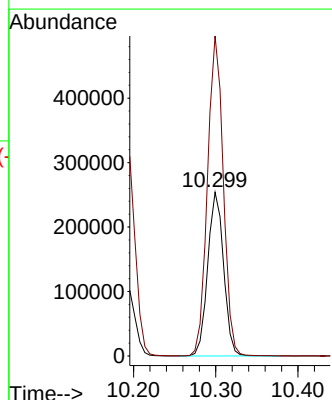
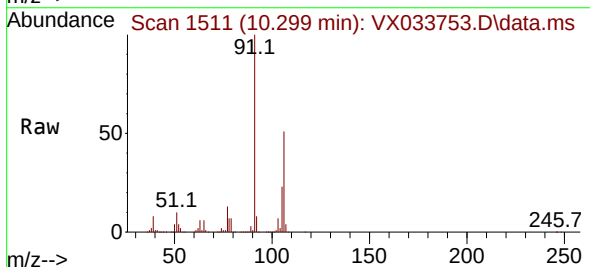
Manual Integrations
APPROVED

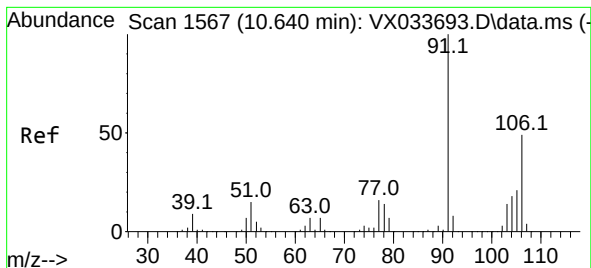
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#68
m/p-Xylenes
Concen: 103.100 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Tgt Ion:106 Resp: 339790
Ion Ratio Lower Upper
106 100
91 195.1 156.4 234.6





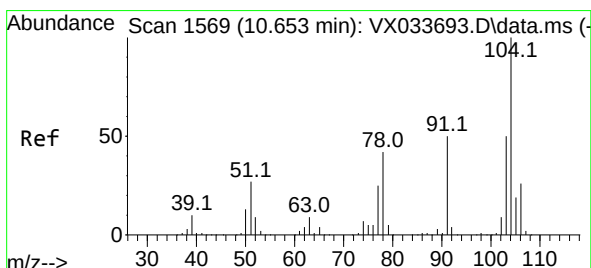
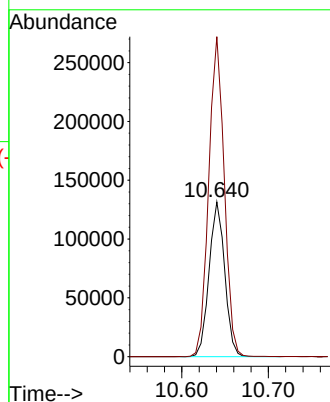
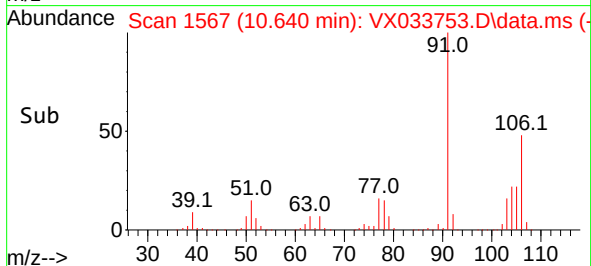
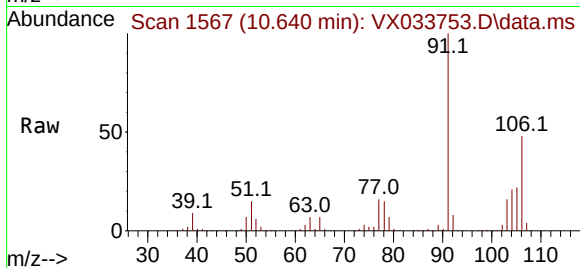
#69
o-Xylene
Concen: 50.461 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 164929
Ion Ratio Lower Upper
106 100
91 205.6 103.1 309.3

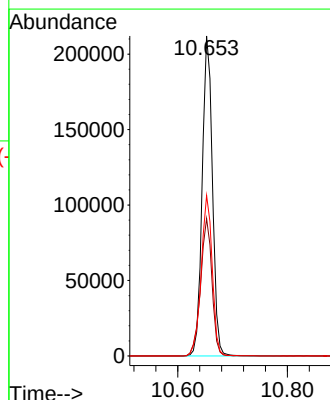
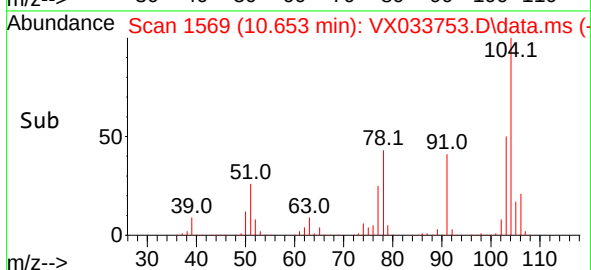
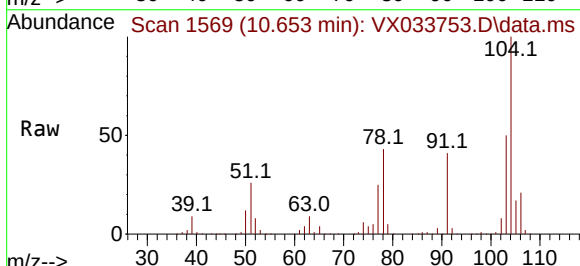
Manual Integrations
APPROVED

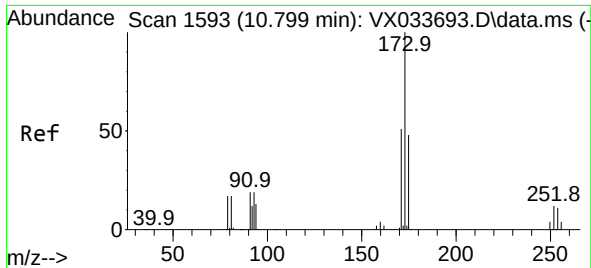
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#70
Styrene
Concen: 51.820 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

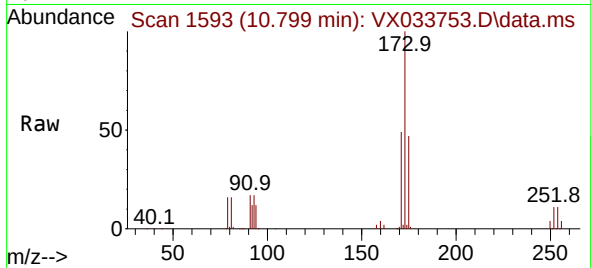
Tgt Ion:104 Resp: 275453
Ion Ratio Lower Upper
104 100
78 47.4 37.5 56.3
103 54.3 43.3 64.9





#71
Bromoform
Concen: 50.879 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

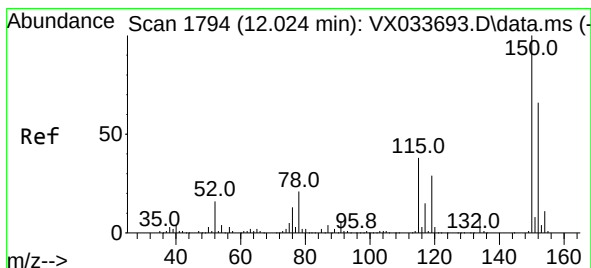
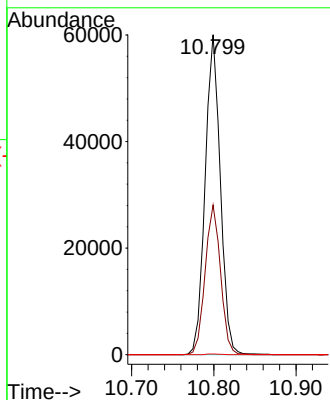
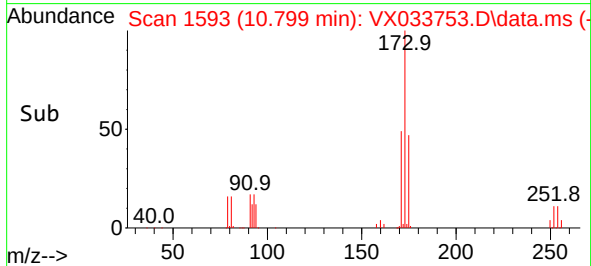
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 77000
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.3
254 0.2 0.1 0.1

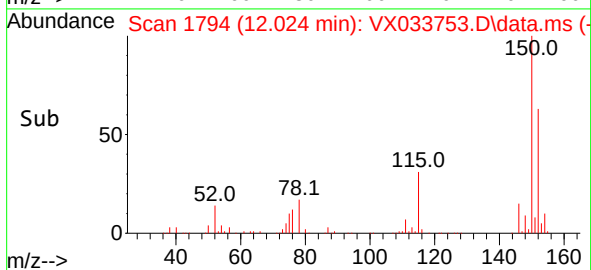
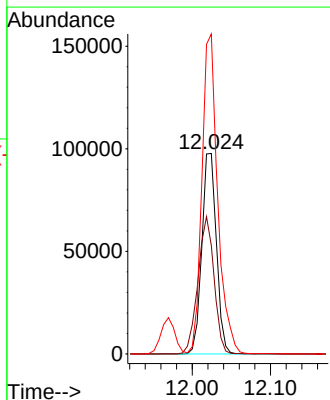
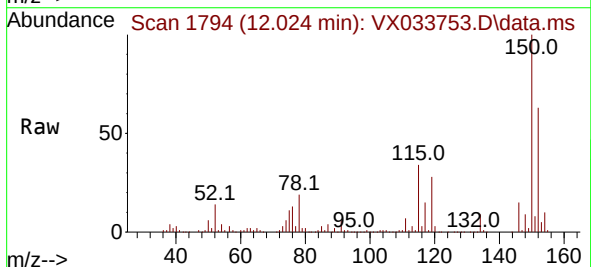
Manual Integrations
APPROVED

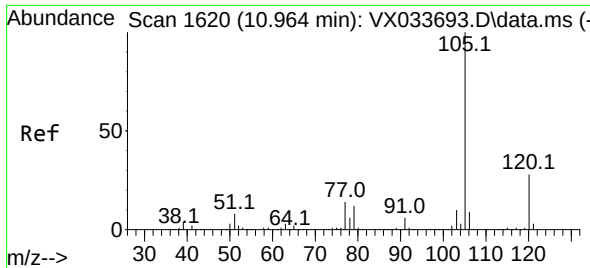
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

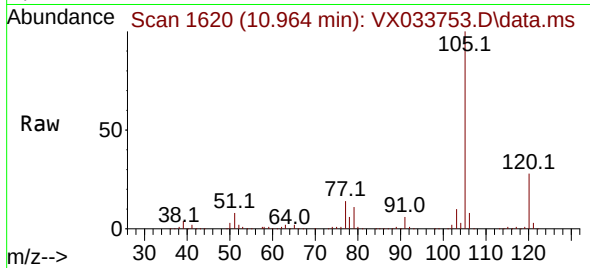
Tgt Ion:152 Resp: 125960
Ion Ratio Lower Upper
152 100
115 75.8 38.7 116.1
150 172.9 0.0 348.2





#73
Isopropylbenzene
Concen: 52.352 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

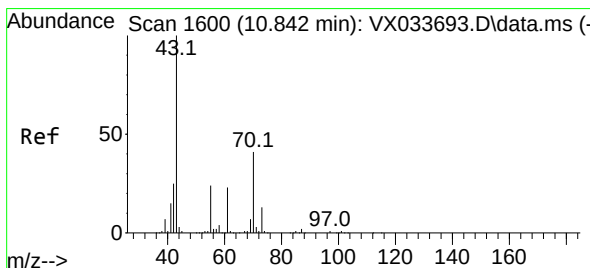
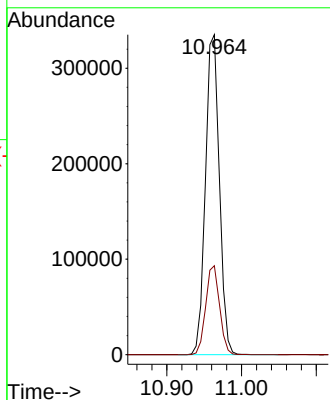
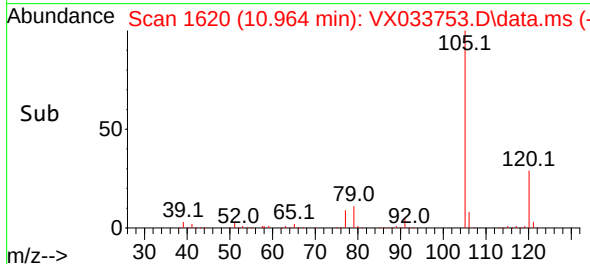
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



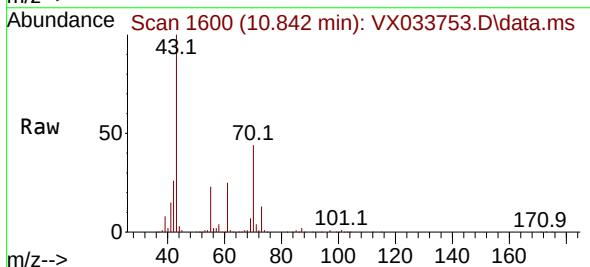
Tgt Ion:105 Resp: 432940
Ion Ratio Lower Upper
105 100
120 27.7 13.6 40.8

Manual Integrations
APPROVED

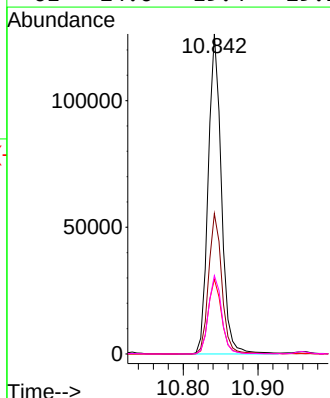
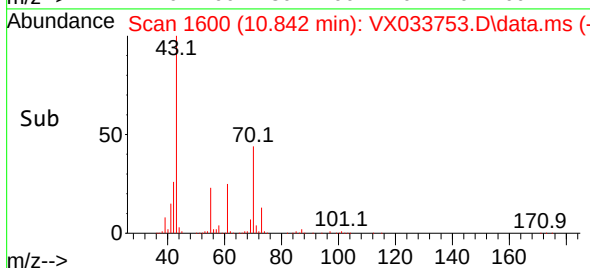
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

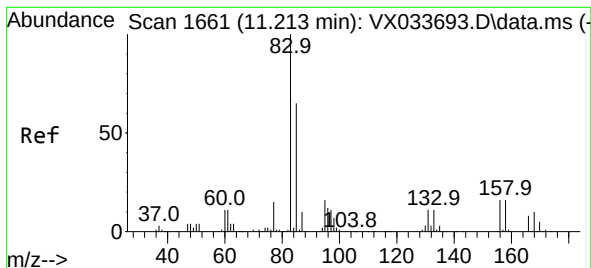


#74
N-ethyl acetate
Concen: 46.830 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



Tgt Ion: 43 Resp: 154897
Ion Ratio Lower Upper
43 100
70 44.0 34.8 52.2
55 23.8 19.4 29.0
61 24.6 19.4 29.2





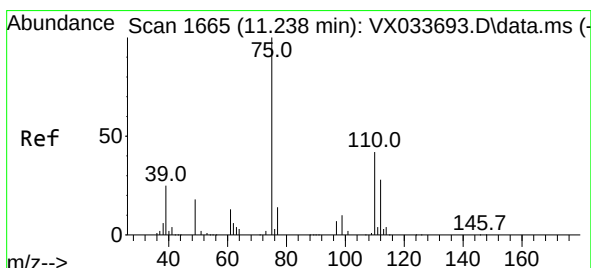
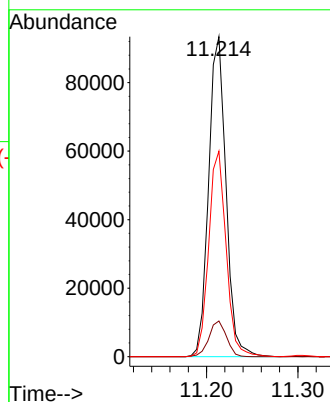
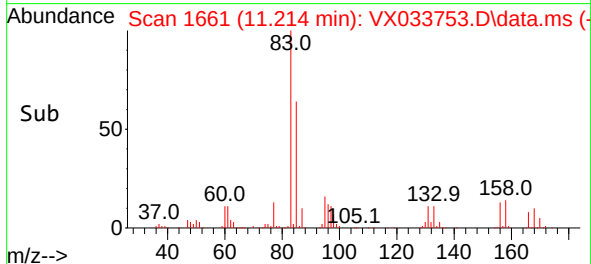
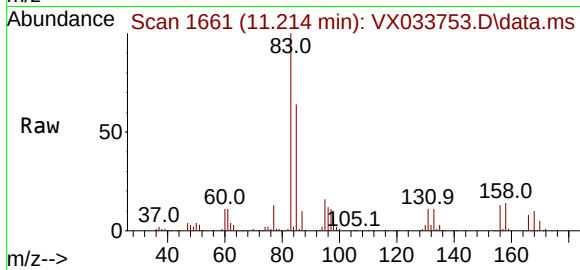
#75
1,1,2,2-Tetrachloroethane
Concen: 50.816 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 123012
Ion Ratio Lower Upper
83 100
131 11.3 5.5 16.7
85 64.5 32.3 96.9

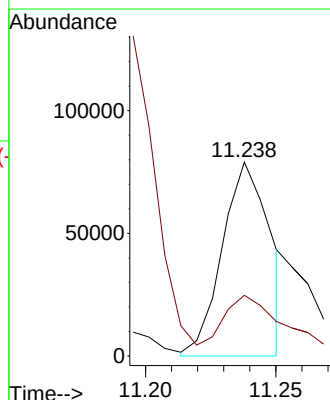
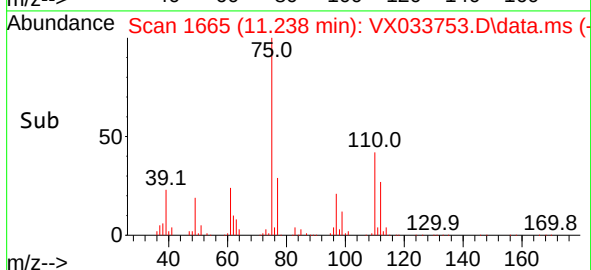
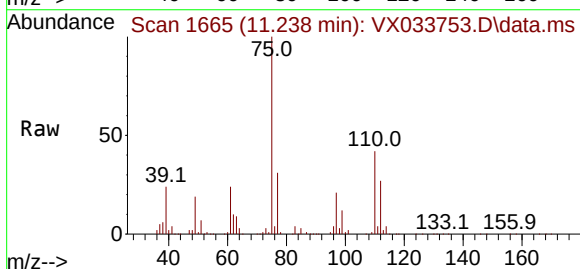
Manual Integrations
APPROVED

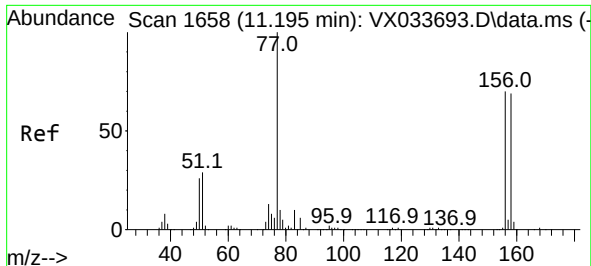
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#76
1,2,3-Trichloropropane
Concen: 43.324 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

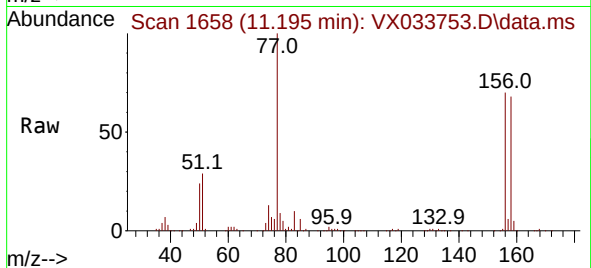
Tgt Ion: 75 Resp: 100265
Ion Ratio Lower Upper
75 100
77 41.5 21.8 65.4





#77
Bromobenzene
Concen: 51.351 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

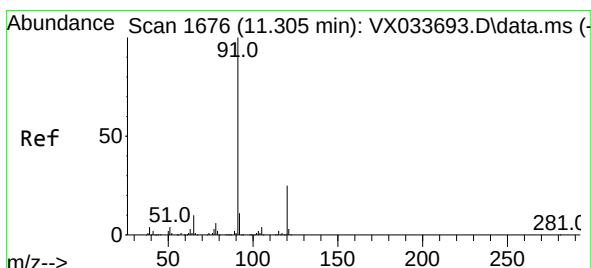
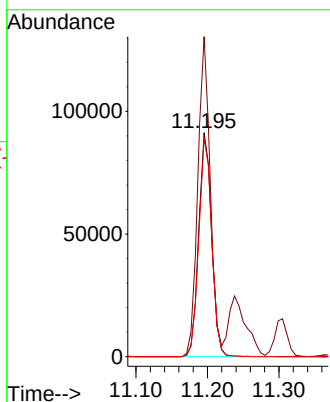
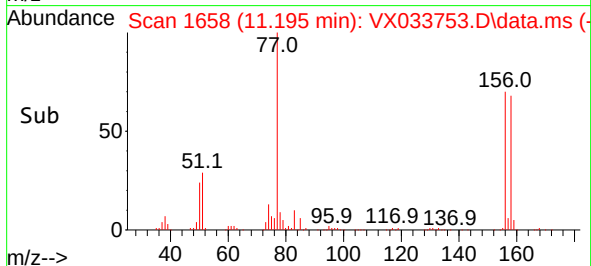
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



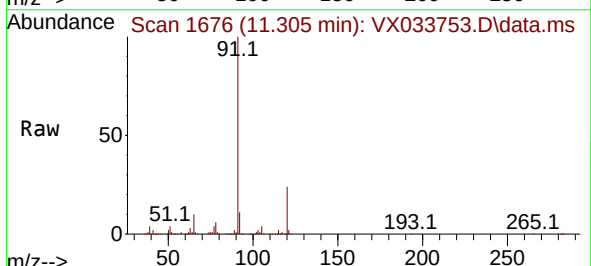
Tgt Ion:156 Resp: 114709
Ion Ratio Lower Upper
156 100
77 136.9 68.1 204.3
158 97.4 48.0 144.2

Manual Integrations
APPROVED

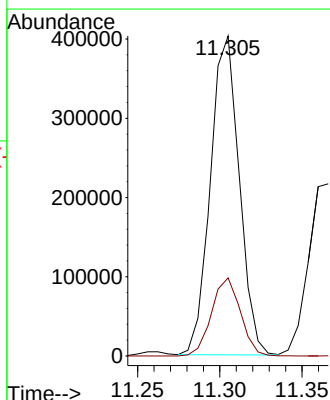
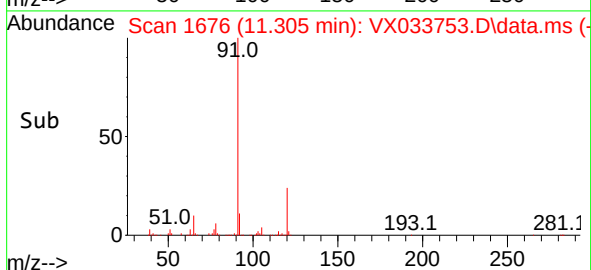
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

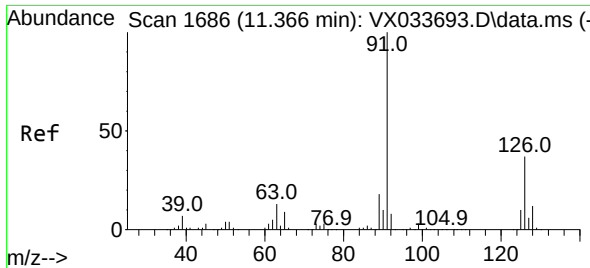


#78
n-propylbenzene
Concen: 47.838 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



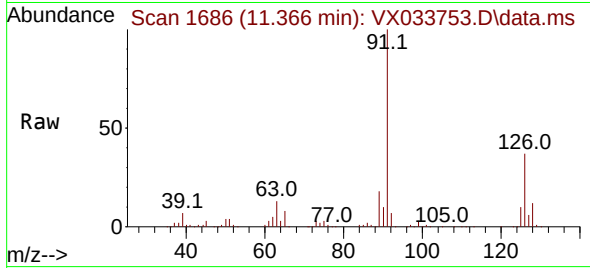
Tgt Ion: 91 Resp: 491692
Ion Ratio Lower Upper
91 100
120 24.5 12.3 36.8





#79
2-Chlorotoluene
Concen: 51.870 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

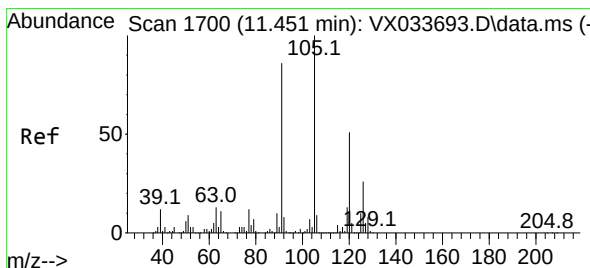
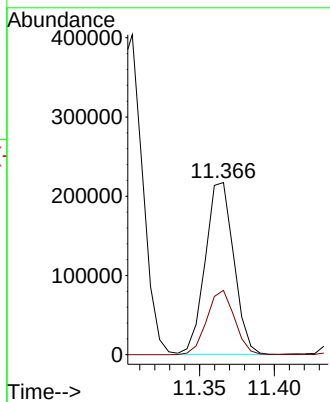
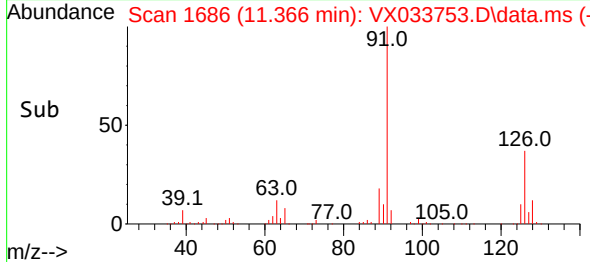
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



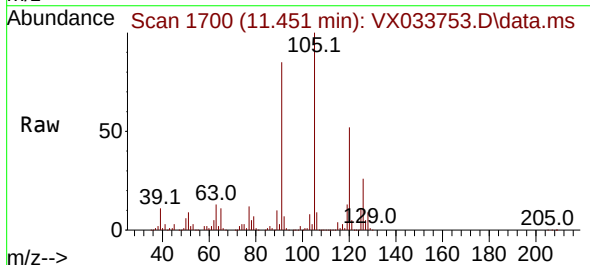
Tgt Ion: 91 Resp: 287394
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.1

Manual Integrations
APPROVED

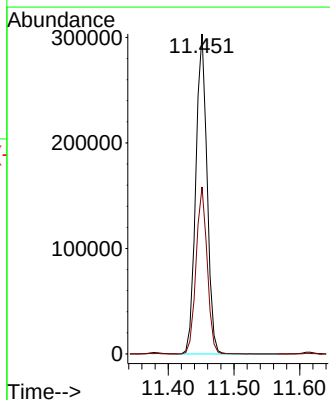
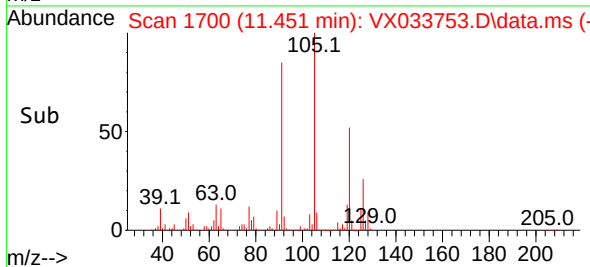
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

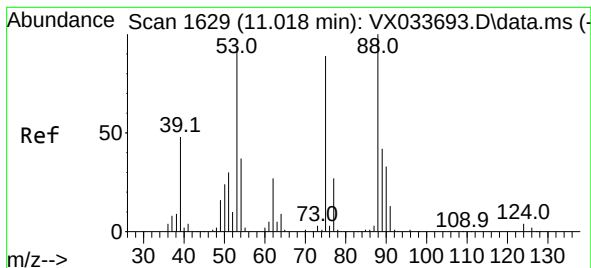


#80
1,3,5-Trimethylbenzene
Concen: 47.504 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



Tgt Ion:105 Resp: 360056
Ion Ratio Lower Upper
105 100
120 51.5 25.6 76.8





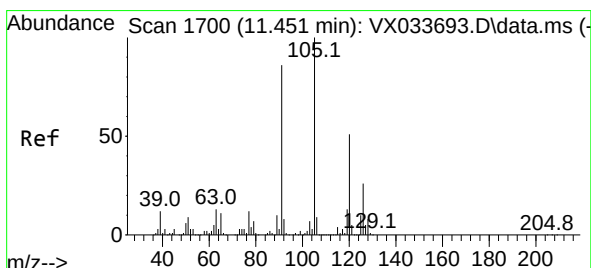
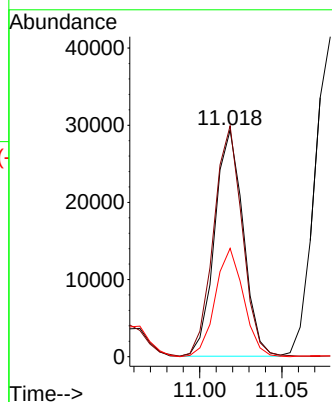
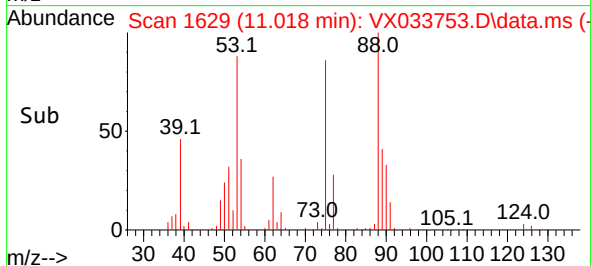
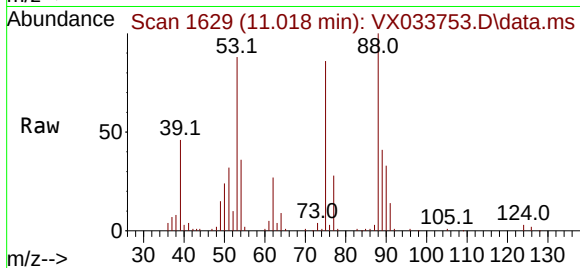
#81
trans-1,4-Dichloro-2-butene
Concen: 47.478 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3535
Ion Ratio Lower Upper
75 100
53 102.4 83.0 124.6
89 47.5 37.7 56.5

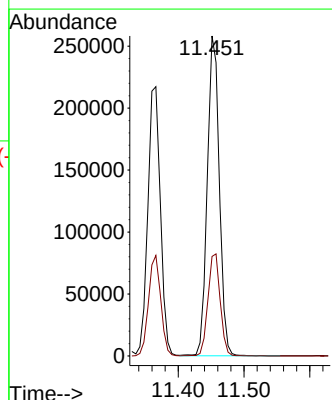
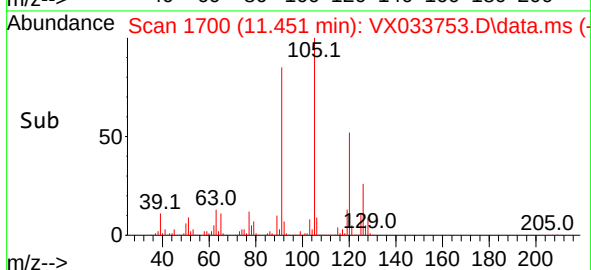
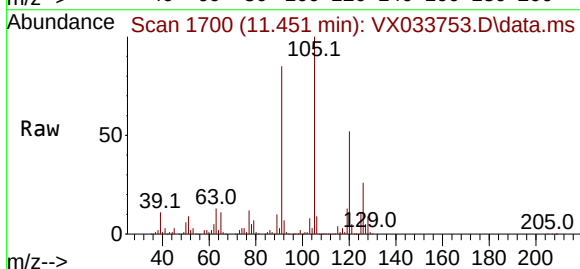
Manual Integrations
APPROVED

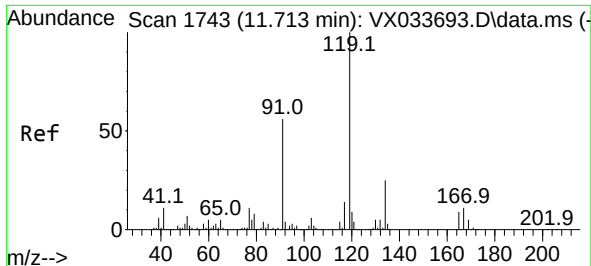
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#82
4-Chlorotoluene
Concen: 51.818 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

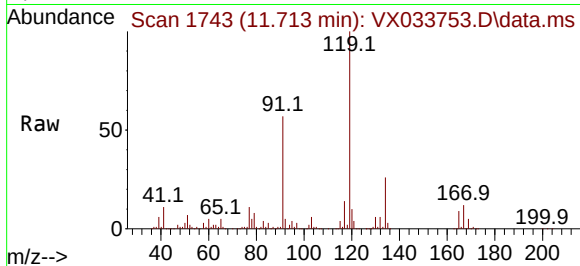
Tgt Ion: 91 Resp: 328622
Ion Ratio Lower Upper
91 100
126 32.6 15.8 47.4





#83
tert-Butylbenzene
Concen: 48.716 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

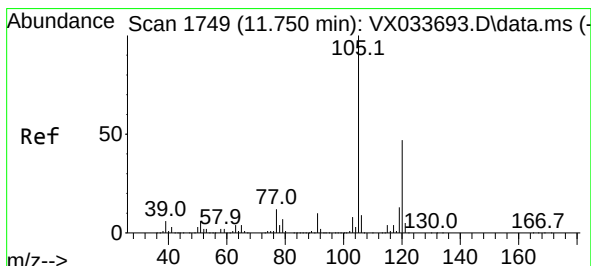
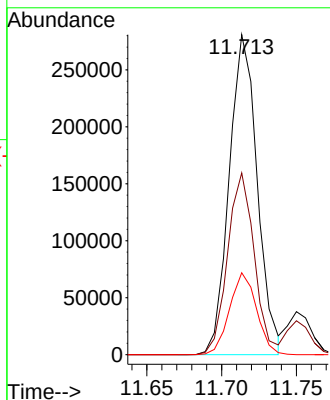
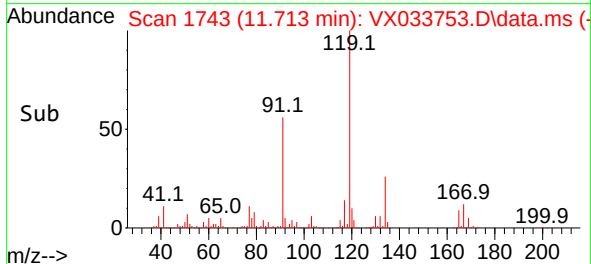
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



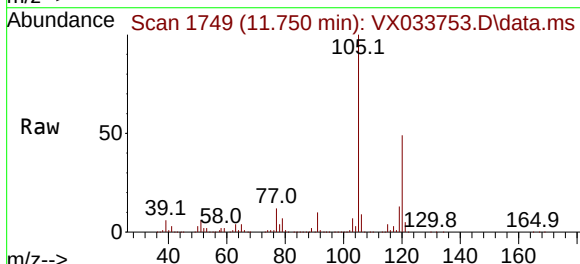
Tgt Ion:119 Resp: 366620
Ion Ratio Lower Upper
119 100
91 54.2 26.9 80.7
134 24.7 12.3 36.8

Manual Integrations
APPROVED

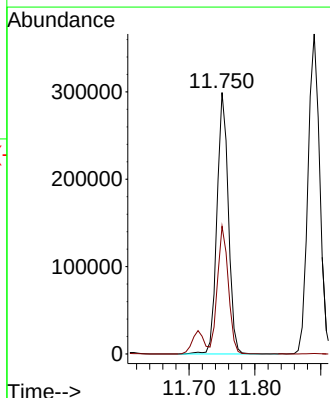
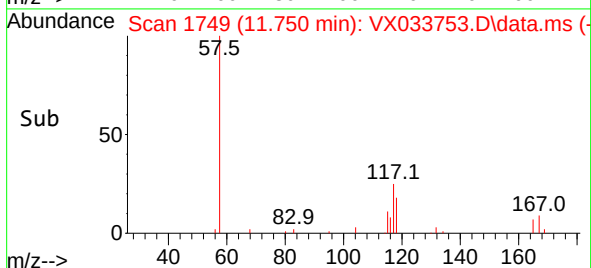
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

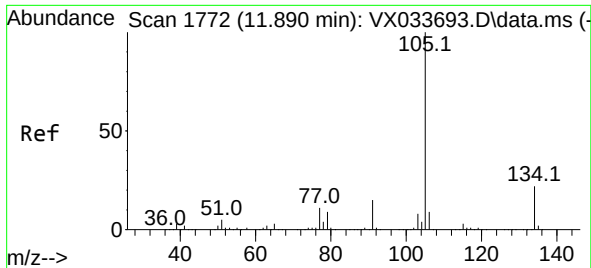


#84
1,2,4-Trimethylbenzene
Concen: 50.033 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



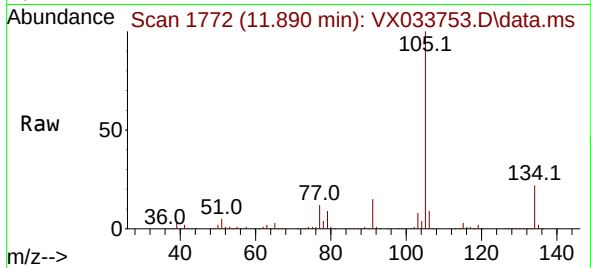
Tgt Ion:105 Resp: 358719
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 50.358 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033753.D
 Acq: 17 Jan 2023 10:50

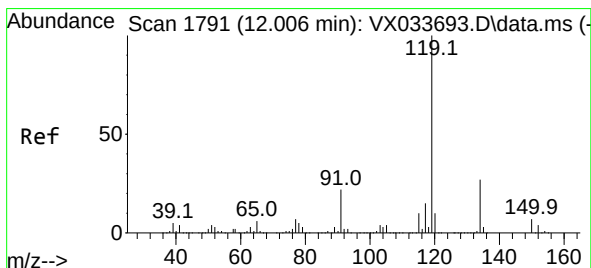
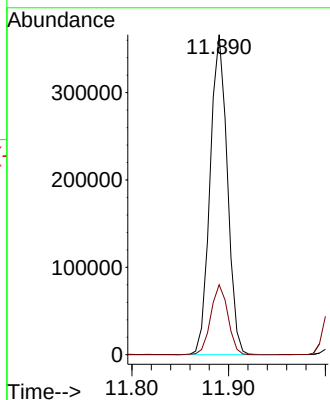
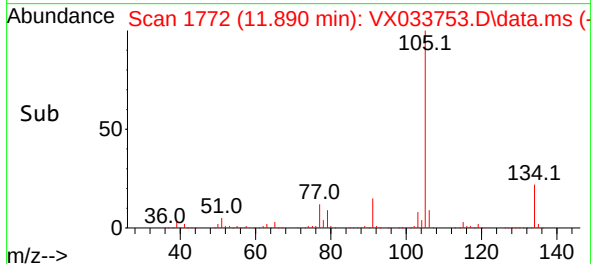
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



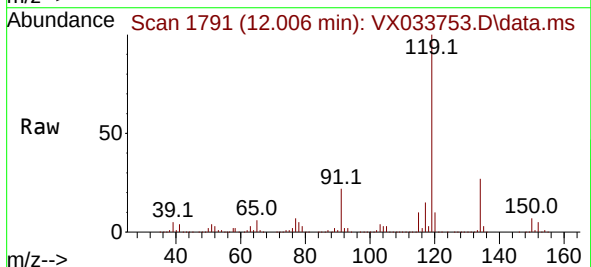
Tgt Ion:105 Resp: 45329
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.8 32.3

Manual Integrations
 APPROVED

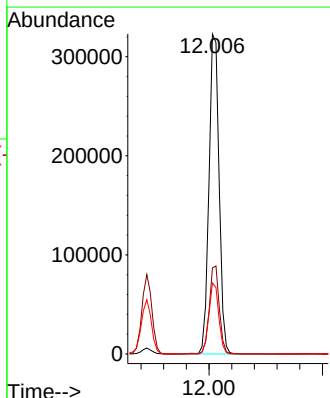
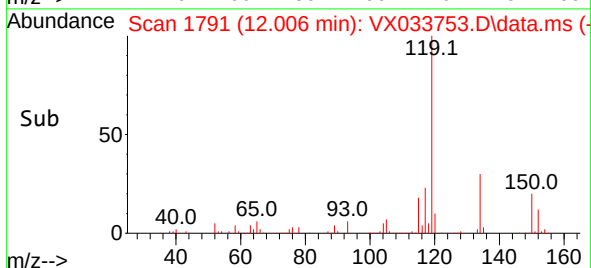
Reviewed By :John Carlone 01/18/2023
 Supervised By :Mahesh Dadoda 01/18/2023

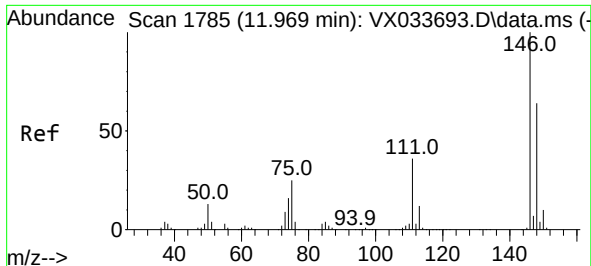


#86
 p-Isopropyltoluene
 Concen: 51.645 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX033753.D
 Acq: 17 Jan 2023 10:50



Tgt Ion:119 Resp: 398004
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 21.8 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 50.248 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 21386

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.6

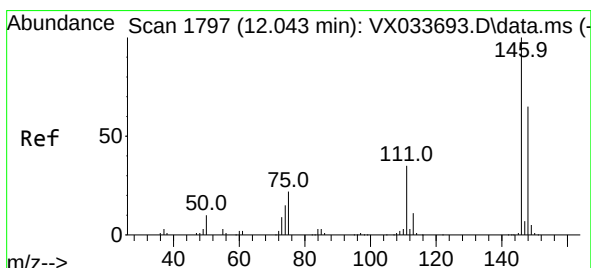
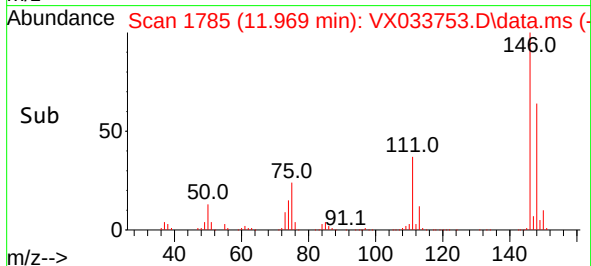
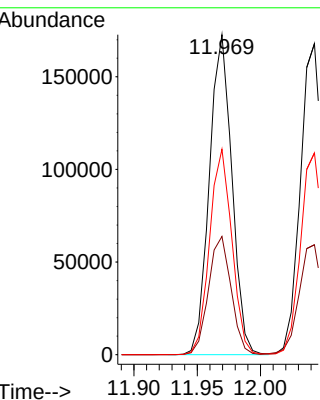
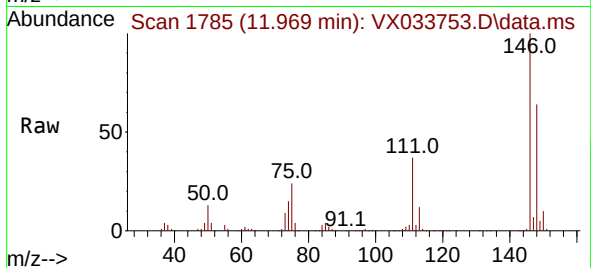
148 63.6 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#88

1,4-Dichlorobenzene

Concen: 49.013 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

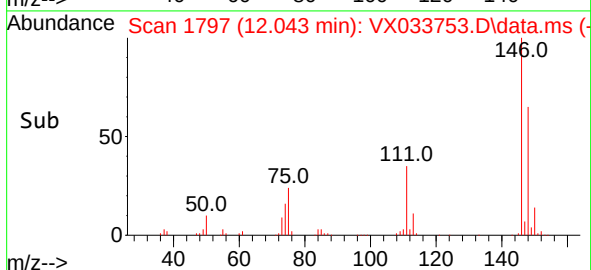
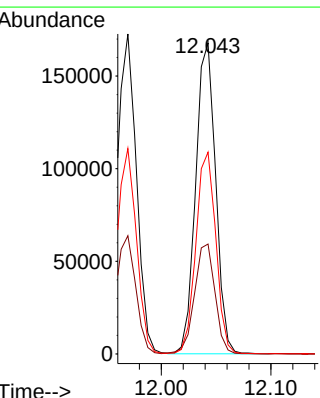
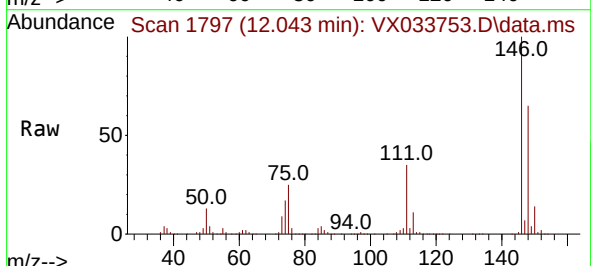
Tgt Ion:146 Resp: 212500

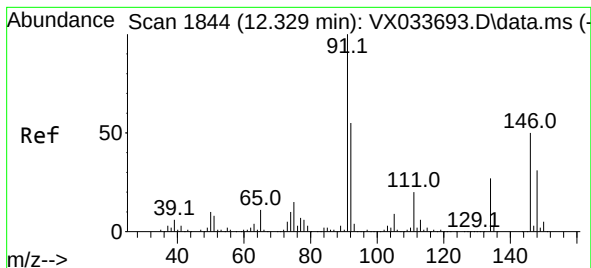
Ion Ratio Lower Upper

146 100

111 36.3 17.8 53.4

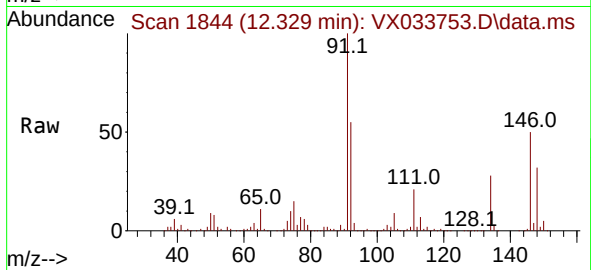
148 64.9 32.1 96.3





#89
n-Butylbenzene
Concen: 52.736 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

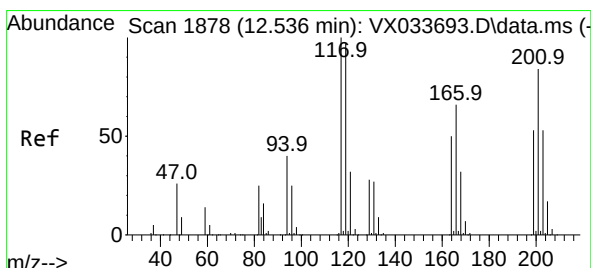
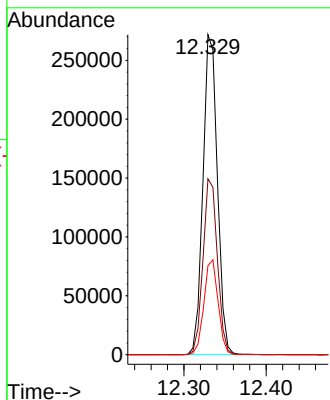
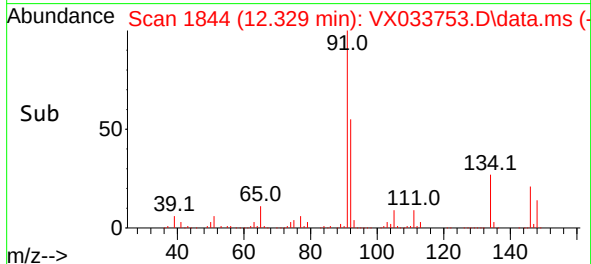
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 33248
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.5
134 29.2 14.3 42.9

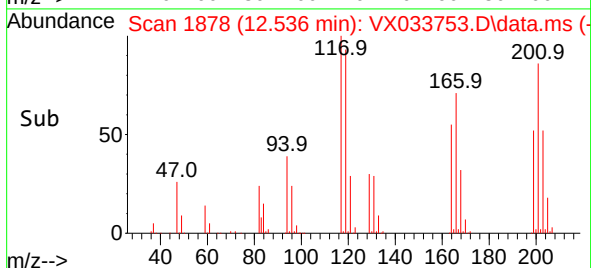
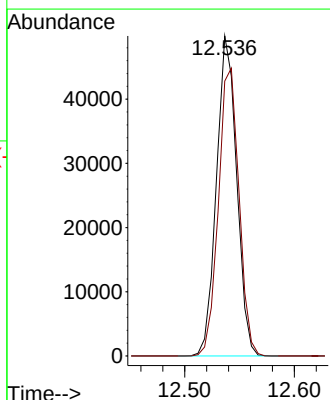
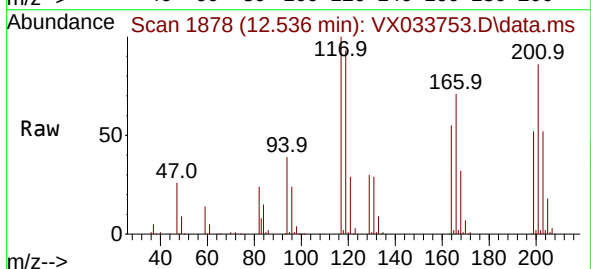
Manual Integrations
APPROVED

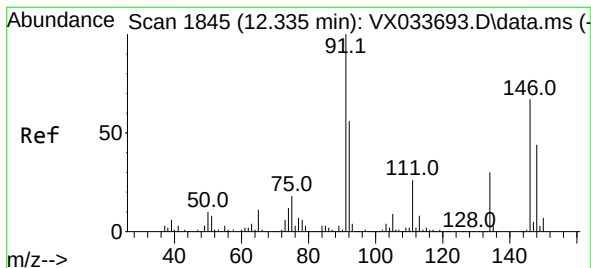
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#90
Hexachloroethane
Concen: 50.384 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

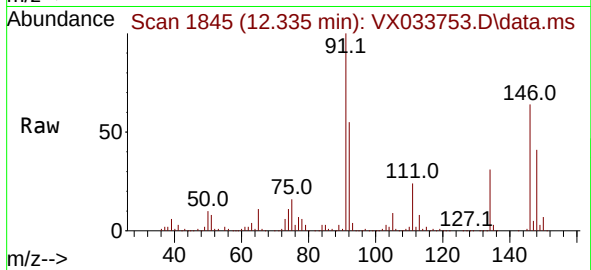
Tgt Ion:117 Resp: 63871
Ion Ratio Lower Upper
117 100
201 91.5 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 50.280 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

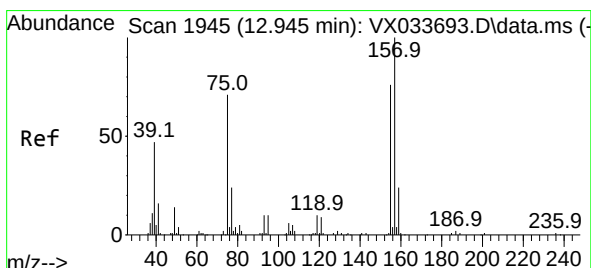
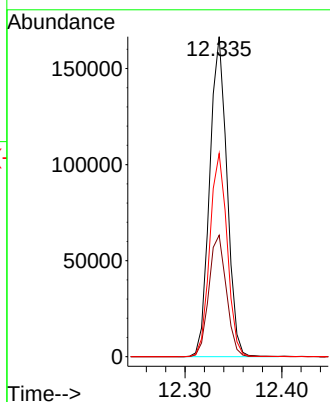
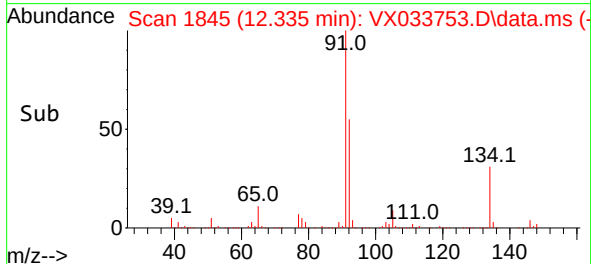
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



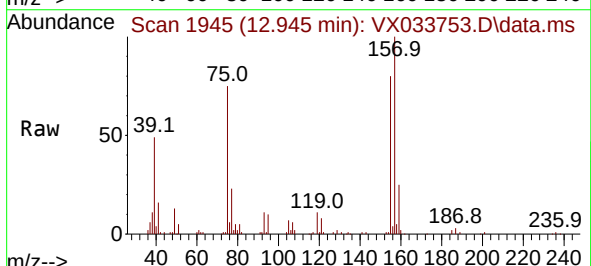
Tgt Ion:146 Resp: 206500
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.8
148 63.8 32.3 96.9

Manual Integrations
APPROVED

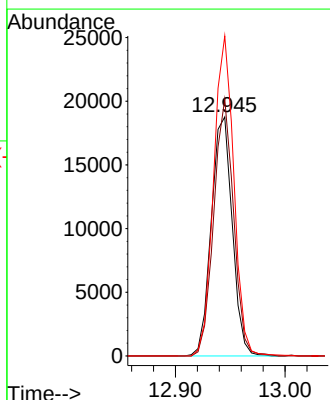
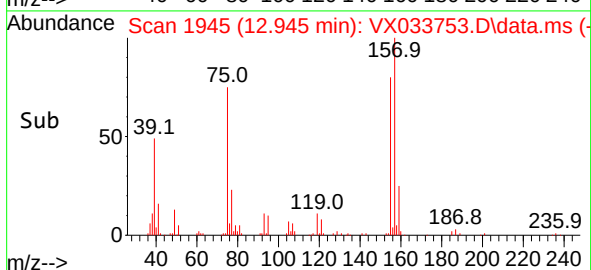
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

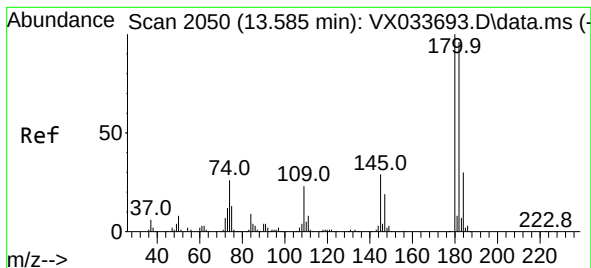


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.479 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



Tgt Ion: 75 Resp: 24918
Ion Ratio Lower Upper
75 100
155 102.0 51.7 155.1
157 129.1 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 54.199 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

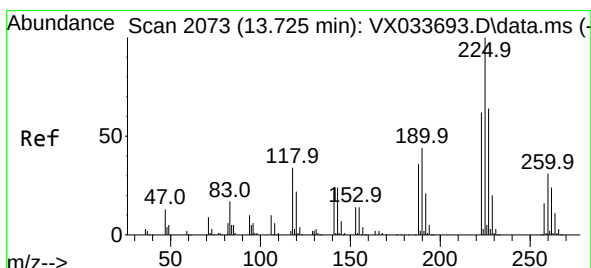
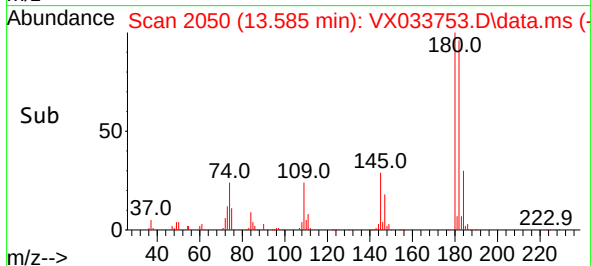
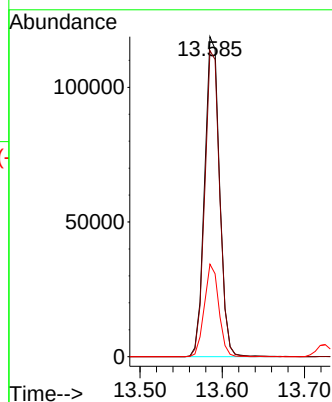
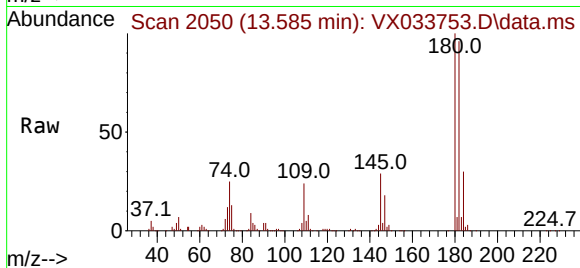
Tgt Ion:180 Resp: 14994
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.6
 145 27.9 14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#94

Hexachlorobutadiene

Concen: 53.830 ug/l

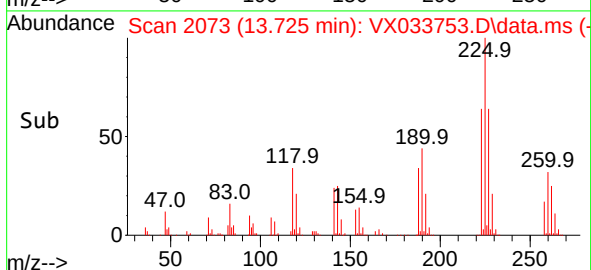
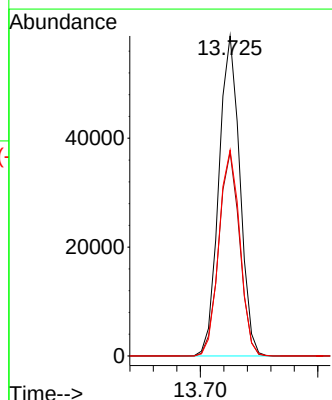
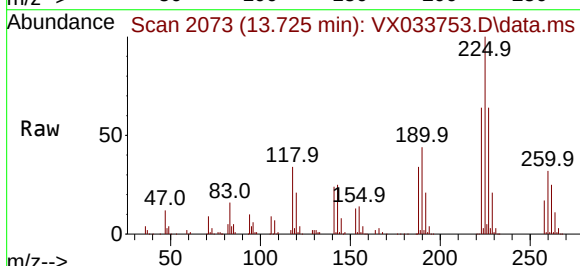
RT: 13.725 min Scan# 2073

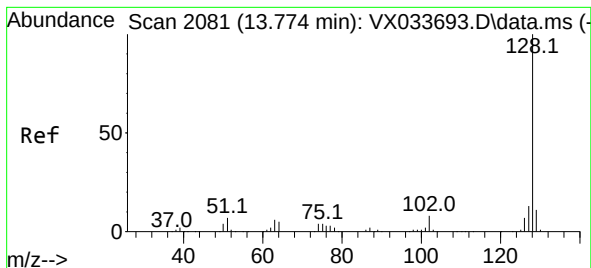
Delta R.T. 0.000 min

Lab File: VX033753.D

Acq: 17 Jan 2023 10:50

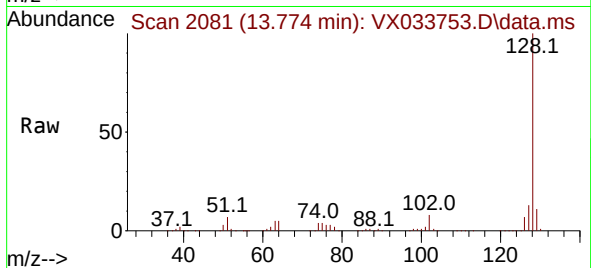
Tgt Ion:225 Resp: 72948
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.3 93.9
 227 64.3 32.3 96.9





#95
Naphthalene
Concen: 51.738 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50

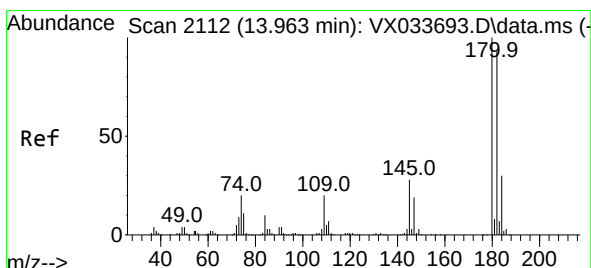
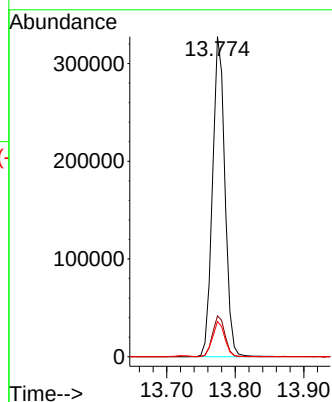
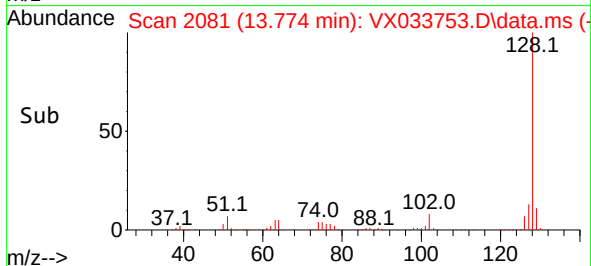
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



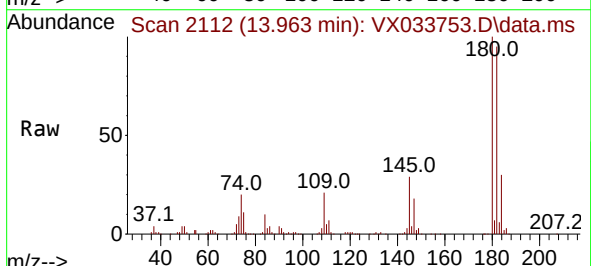
Tgt Ion:128 Resp: 41178
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.672 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033753.D
Acq: 17 Jan 2023 10:50



Tgt Ion:180 Resp: 145804
Ion Ratio Lower Upper
180 100
182 96.1 47.6 142.9
145 29.7 15.1 45.3

