

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011723\
 Data File : VX033764.D
 Acq On : 17 Jan 2023 17:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 18 04:07:53 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	187573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	266598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90578	45.863	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.720%		
35) Dibromofluoromethane	5.379	113	81318	49.122	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.240%		
50) Toluene-d8	8.647	98	298916	49.558	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.120%		
62) 4-Bromofluorobenzene	11.079	95	111968	49.999	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72167	48.686	ug/l	99
3) Chloromethane	1.294	50	84707	51.736	ug/l	98
4) Vinyl Chloride	1.374	62	86535	54.459	ug/l	98
5) Bromomethane	1.617	94	53984	59.130	ug/l	98
6) Chloroethane	1.691	64	48590	49.462	ug/l	100
7) Trichlorofluoromethane	1.886	101	129508	50.258	ug/l	99
8) Diethyl Ether	2.130	74	48923	57.983	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	81416	54.755	ug/l	95
10) Methyl Iodide	2.453	142	118080	56.675	ug/l	94
11) Tert butyl alcohol	3.014	59	74889m	218.278	ug/l	
12) 1,1-Dichloroethene	2.318	96	78343	51.331	ug/l	91
13) Acrolein	2.239	56	91679	289.614	ug/l	100
14) Allyl chloride	2.666	41	141232	49.062	ug/l	90
15) Acrylonitrile	3.068	53	218459	241.942	ug/l	100
16) Acetone	2.392	43	203787	285.699	ug/l	93
17) Carbon Disulfide	2.514	76	183005	47.475	ug/l	99
18) Methyl Acetate	2.703	43	133690	48.504	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	266756	50.323	ug/l	98
20) Methylene Chloride	2.788	84	88711	51.747	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	85379	47.852	ug/l	96
22) Diisopropyl ether	3.751	45	285301	49.259	ug/l	96
23) Vinyl Acetate	3.715	43	1077235	247.068	ug/l	99
24) 1,1-Dichloroethane	3.605	63	152700	48.189	ug/l	99
25) 2-Butanone	4.562	43	303710	235.358	ug/l	97
26) 2,2-Dichloropropane	4.471	77	107301	47.273	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	99670	48.589	ug/l	98
28) Bromochloromethane	4.891	49	67398	46.694	ug/l	96
29) Tetrahydrofuran	5.007	42	191595	235.576	ug/l	99
30) Chloroform	5.086	83	154422	47.580	ug/l	99
31) Cyclohexane	5.464	56	139368	47.956	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	133146	48.050	ug/l	98
36) 1,1-Dichloropropene	5.690	75	117044	48.445	ug/l	99
37) Ethyl Acetate	4.708	43	119588	51.988	ug/l	99
38) Carbon Tetrachloride	5.672	117	119092	47.593	ug/l	98
39) Methylcyclohexane	7.379	83	147043	49.283	ug/l	97
40) Benzene	6.031	78	346819	49.249	ug/l	98

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 01/18/2023
 Supervised By : Mahesh Dadoda 01/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	68545	51.484	ug/l	99
42) 1,2-Dichloroethane	6.080	62	119759	47.987	ug/l	99
43) Isopropyl Acetate	6.330	43	190082	49.836	ug/l	98
44) Trichloroethene	7.123	130	101495	51.540	ug/l	98
45) 1,2-Dichloropropane	7.427	63	89337	50.642	ug/l	99
46) Dibromomethane	7.580	93	60993	49.499	ug/l	98
47) Bromodichloromethane	7.817	83	117495	49.479	ug/l	96
48) Methyl methacrylate	7.689	41	96962	50.466	ug/l	98
49) 1,4-Dioxane	7.726	88	41120	967.543	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	585111	249.786	ug/l	99
52) Toluene	8.714	92	228254	50.191	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	122795	51.707	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	138862	52.184	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	90450	50.246	ug/l	98
56) Ethyl methacrylate	9.116	69	134909	53.252	ug/l	98
57) 1,3-Dichloropropane	9.305	76	153246	52.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	315030	252.495	ug/l	99
59) 2-Hexanone	9.427	43	458311	281.106	ug/l	98
60) Dibromochloromethane	9.518	129	99474	53.301	ug/l	99
61) 1,2-Dibromoethane	9.604	107	95683	53.260	ug/l	99
64) Tetrachloroethene	9.268	164	91775	57.120	ug/l	99
65) Chlorobenzene	10.079	112	241472	50.919	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	91548	52.455	ug/l	99
67) Ethyl Benzene	10.189	91	433151	53.198	ug/l	99
68) m/p-Xylenes	10.299	106	340012	106.763	ug/l	98
69) o-Xylene	10.640	106	166005	52.561	ug/l	97
70) Styrene	10.652	104	278823	54.283	ug/l	98
71) Bromoform	10.799	173	72468	49.552	ug/l #	98
73) Isopropylbenzene	10.963	105	448087	54.691	ug/l	100
74) N-amyl acetate	10.841	43	170683	51.979	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	128873	53.825	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	106024m	46.146	ug/l	
77) Bromobenzene	11.195	156	115292	52.018	ug/l	97
78) n-propylbenzene	11.305	91	509905	49.971	ug/l	100
79) 2-Chlorotoluene	11.366	91	297541	54.229	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	372225	49.468	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35419	47.911	ug/l	95
82) 4-Chlorotoluene	11.451	91	345726	55.102	ug/l	99
83) tert-Butylbenzene	11.713	119	378262	50.629	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	368969	51.838	ug/l	99
85) sec-Butylbenzene	11.890	105	463844	51.906	ug/l	100
86) p-Isopropyltoluene	12.006	119	404407	52.859	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	213983	50.644	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	215388	50.041	ug/l	99
89) n-Butylbenzene	12.335	91	343141	54.824	ug/l	99
90) Hexachloroethane	12.536	117	62579	49.725	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	209585	51.403	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26572	52.074	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	150442	54.777	ug/l	99
94) Hexachlorobutadiene	13.725	225	67931	50.494	ug/l	100
95) Naphthalene	13.774	128	432199	54.699	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146210	53.203	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

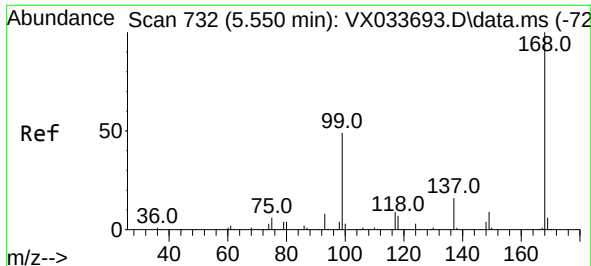
Manual Integrations
APPROVED

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Quant Time: Jan 18 04:07:53 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

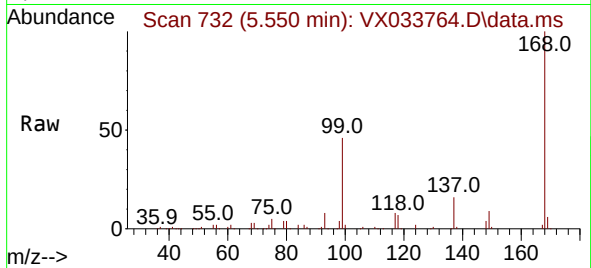
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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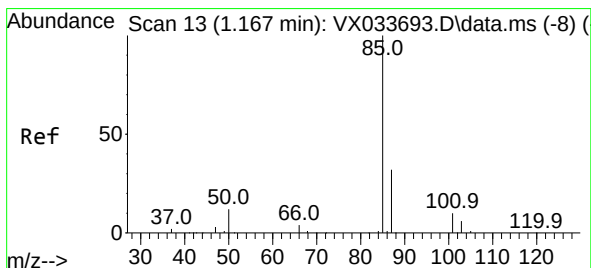
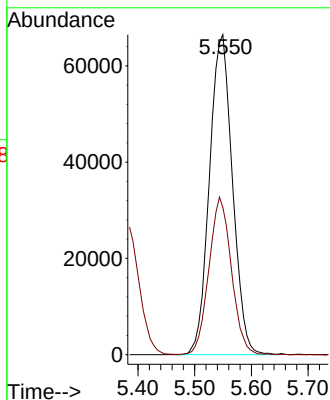
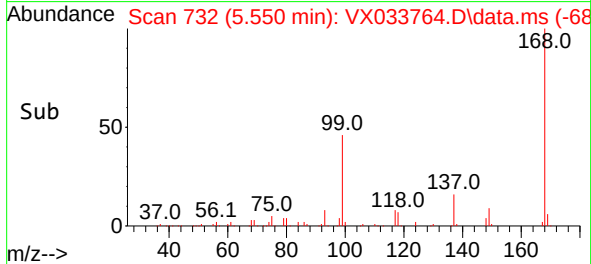
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 18757
Ion Ratio Lower Upper
168 100
99 46.1 39.6 59.4

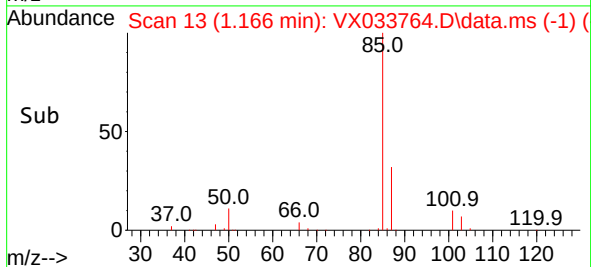
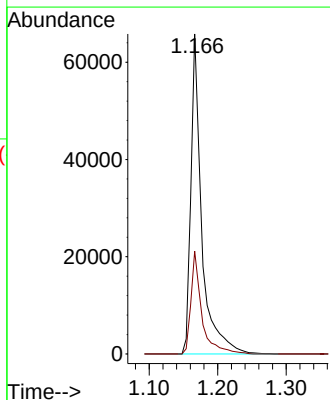
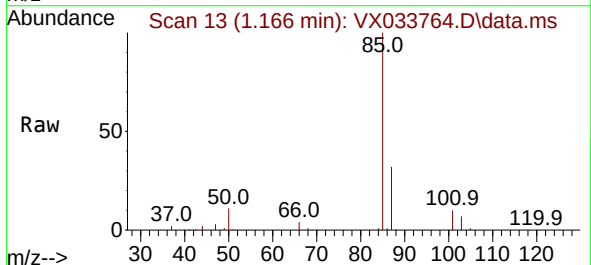
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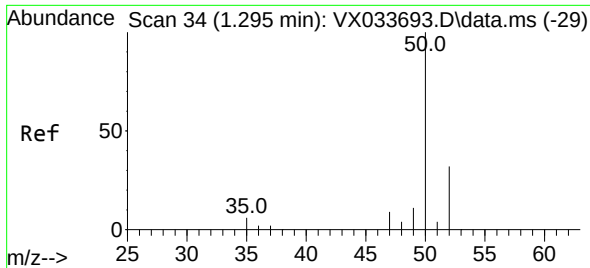
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#2
Dichlorodifluoromethane
Concen: 48.686 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion: 85 Resp: 72167
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4





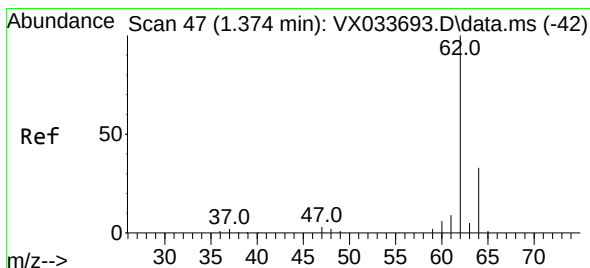
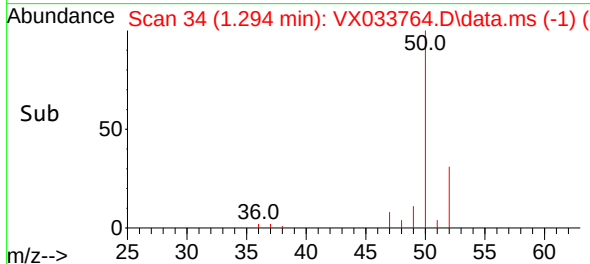
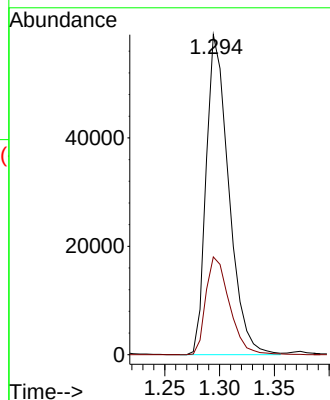
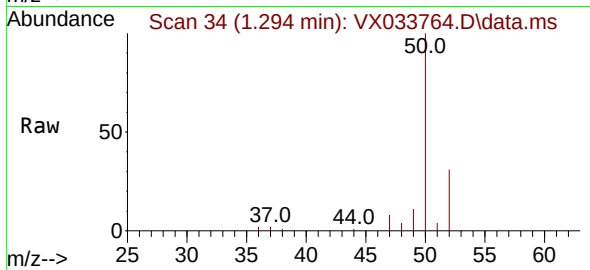
#3
Chloromethane
Concen: 51.736 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 8470
Ion Ratio Lower Upper
50 100
52 30.6 25.2 37.8

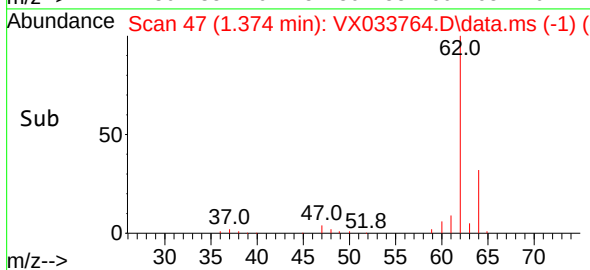
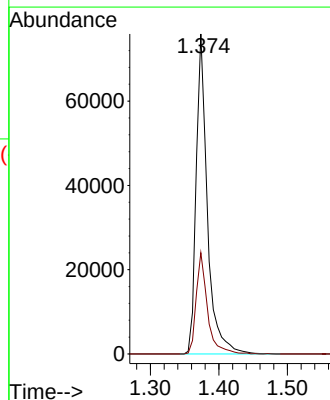
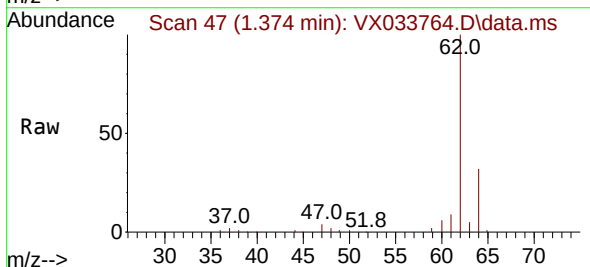
Manual Integrations
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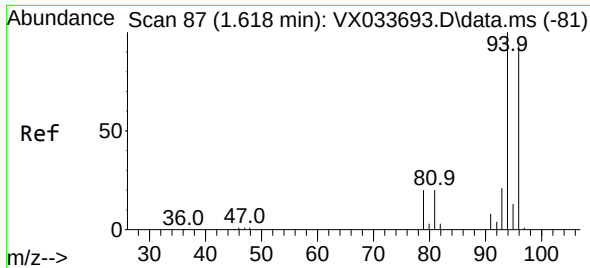
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#4
Vinyl Chloride
Concen: 54.459 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion: 62 Resp: 86535
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.4





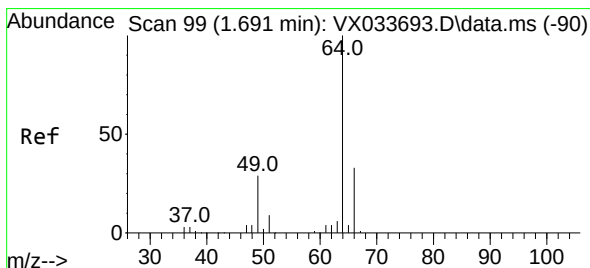
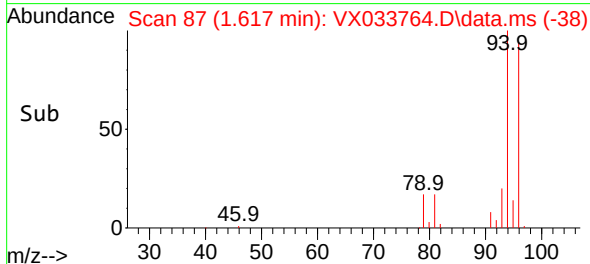
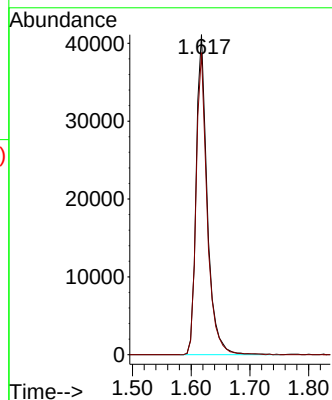
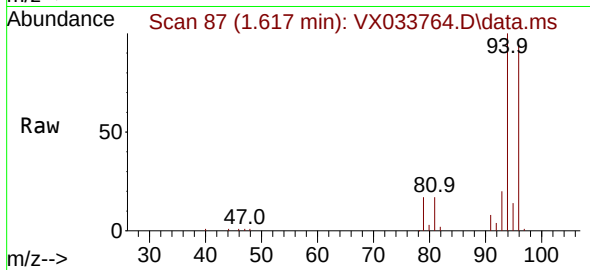
#5
Bromomethane
Concen: 59.130 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 53984
Ion Ratio Lower Upper
94 100
96 94.4 74.3 111.5

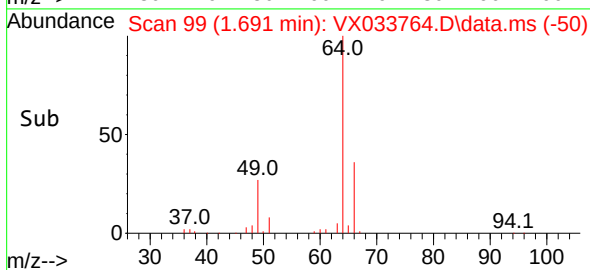
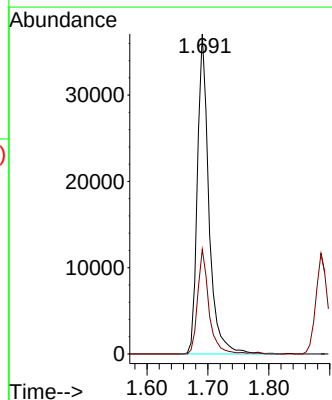
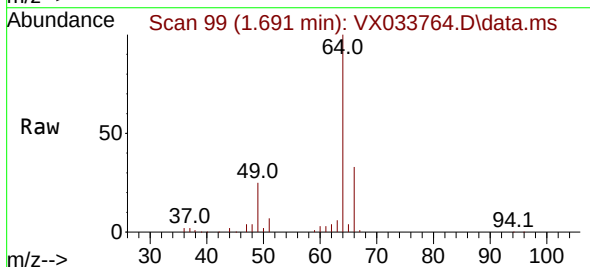
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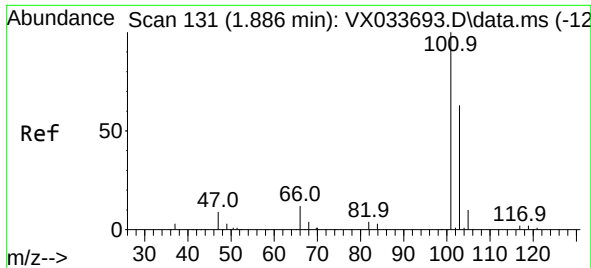
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#6
Chloroethane
Concen: 49.462 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033764.D
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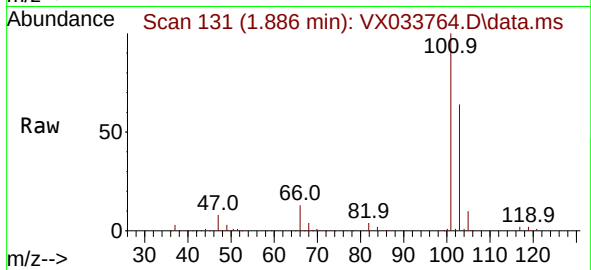
Tgt Ion: 64 Resp: 48590
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1





#7
Trichlorofluoromethane
Concen: 50.258 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

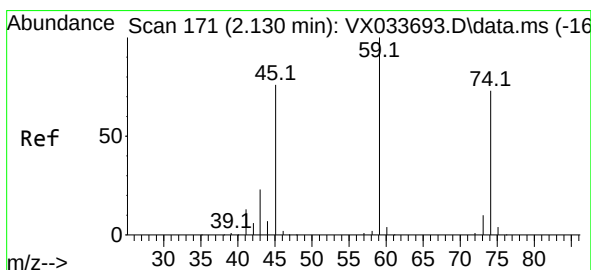
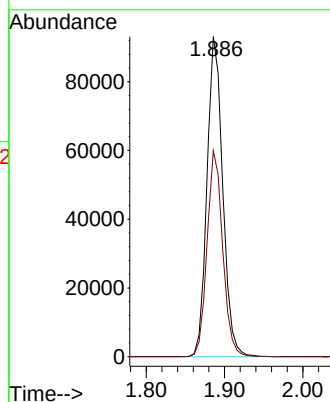
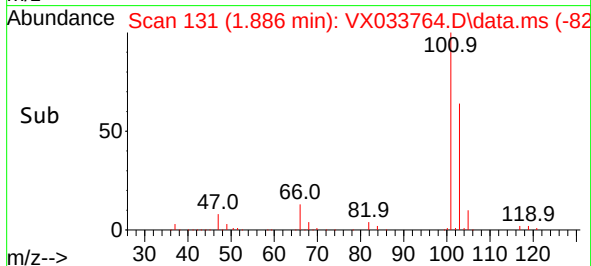
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 129508
Ion Ratio Lower Upper
101 100
103 64.3 50.6 75.8

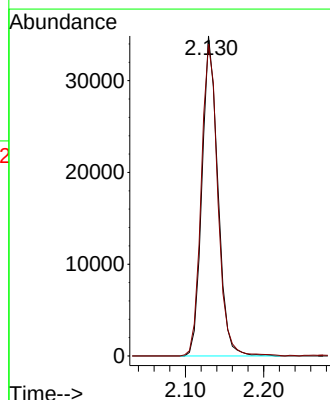
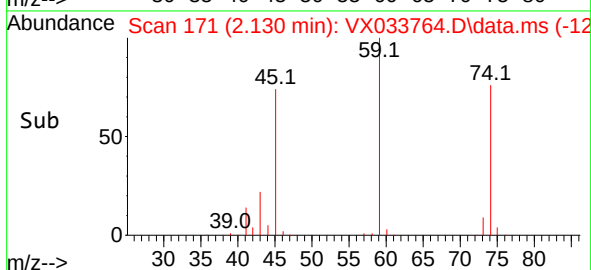
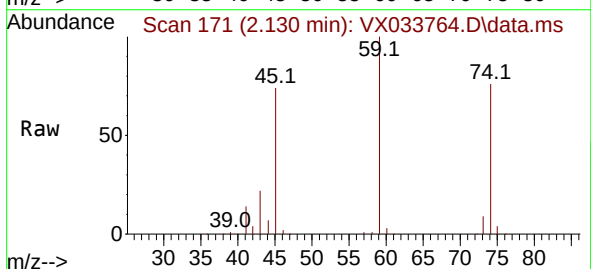
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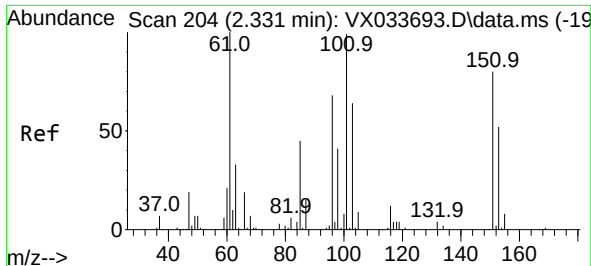
Reviewed By :John Carlone 01/18/2023
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#8
Diethyl Ether
Concen: 57.983 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033764.D
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Tgt Ion: 74 Resp: 48923
Ion Ratio Lower Upper
74 100
45 102.0 51.5 154.5





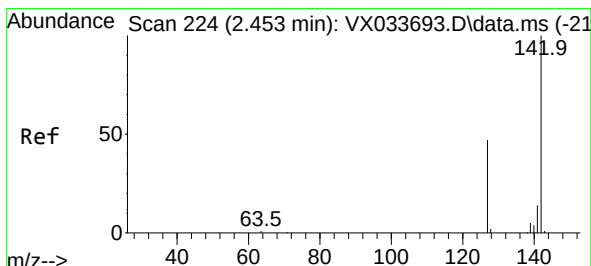
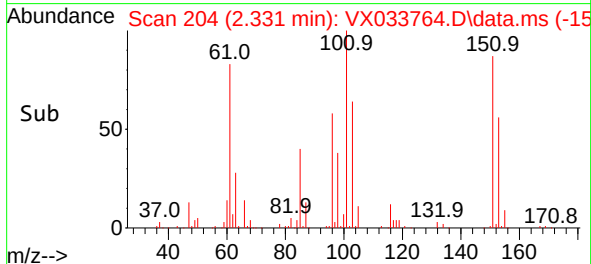
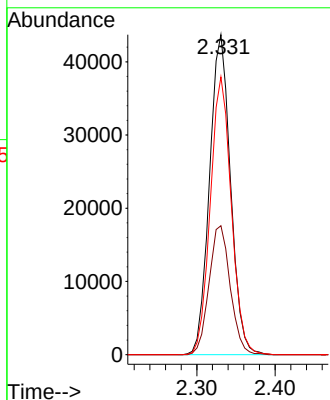
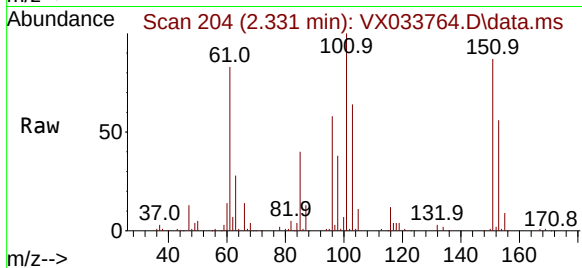
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.755 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 81410
Ion Ratio Lower Upper
101 100
85 40.7 36.7 55.1
151 86.7 66.5 99.7

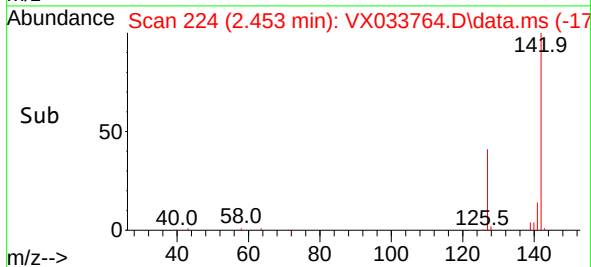
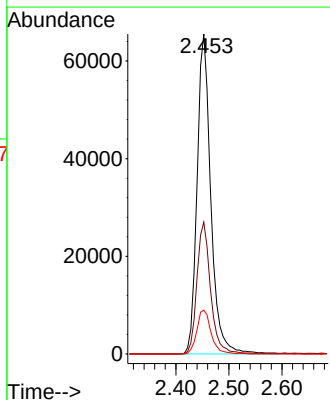
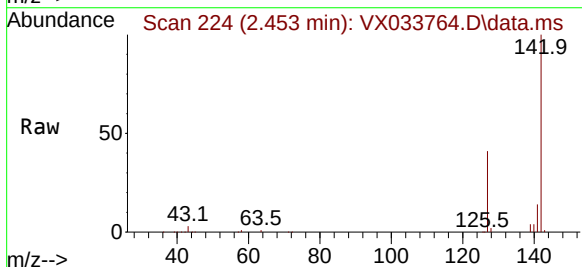
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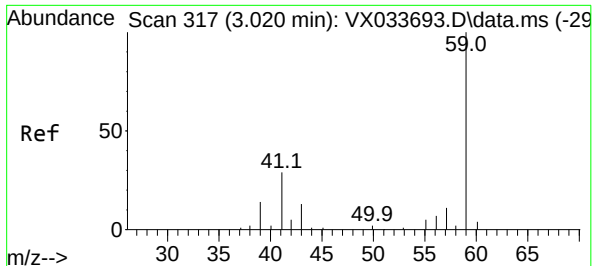
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#10
Methyl Iodide
Concen: 56.675 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion:142 Resp: 118080
Ion Ratio Lower Upper
142 100
127 41.3 37.3 55.9
141 14.2 11.5 17.3





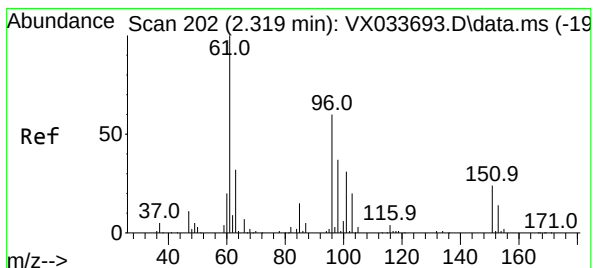
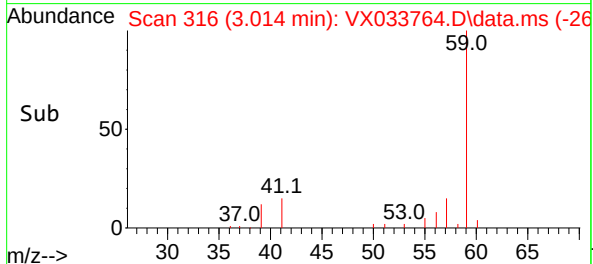
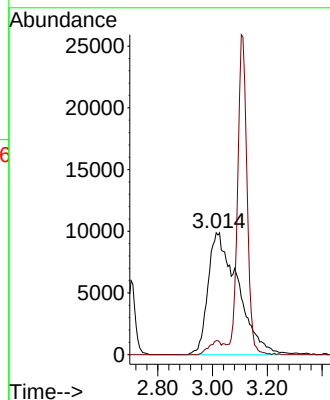
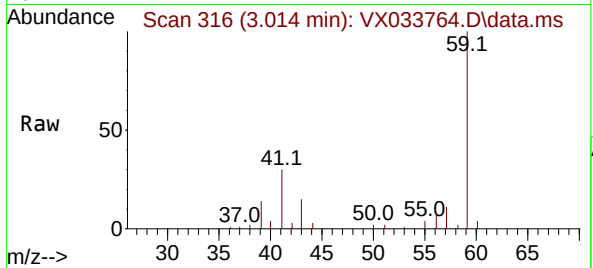
#11
Tert butyl alcohol
Concen: 218.278 ug/l m
RT: 3.014 min Scan# 317
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 74889
Ion Ratio Lower Upper
59 100
57 5.8 3.7 5.5

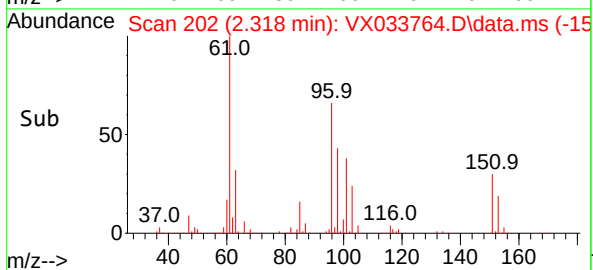
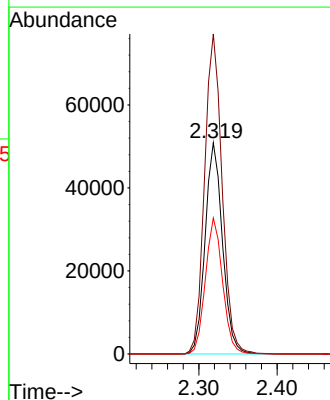
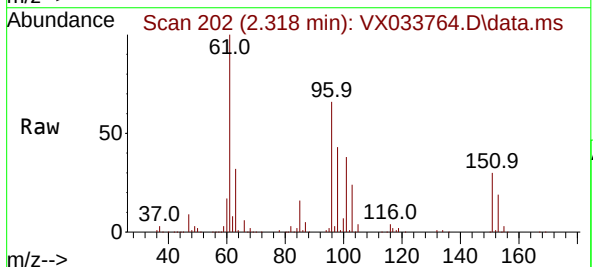
Manual Integrations
APPROVED

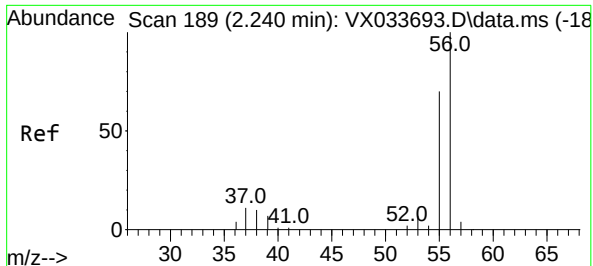
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#12
1,1-Dichloroethene
Concen: 51.331 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion: 96 Resp: 78343
Ion Ratio Lower Upper
96 100
61 151.5 134.2 201.4
98 64.4 50.2 75.2





#13

Acrolein

Concen: 289.614 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 91679

Ion Ratio Lower Upper

56 100

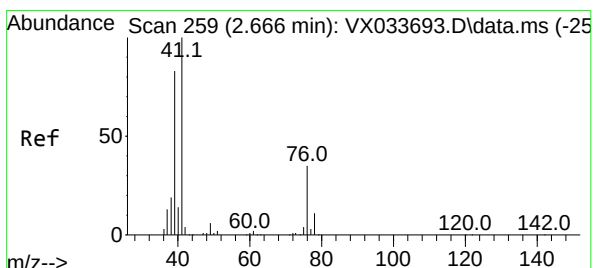
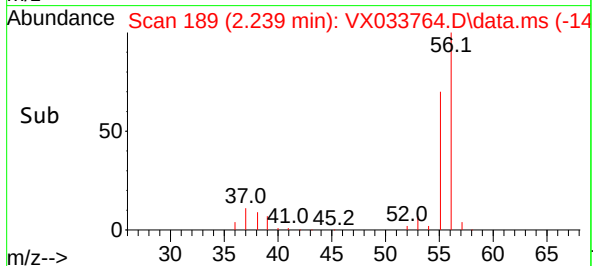
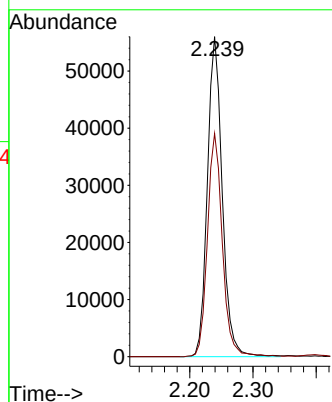
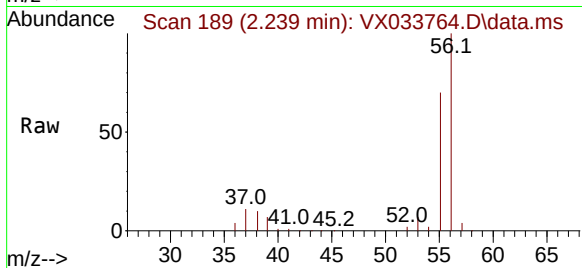
55 70.1 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#14

Allyl chloride

Concen: 49.062 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

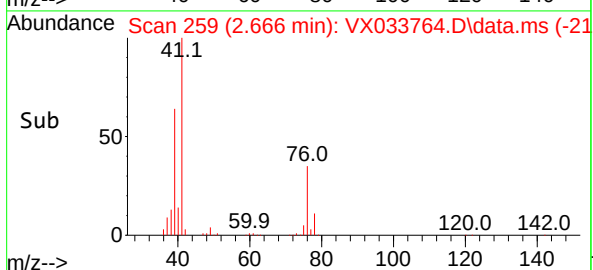
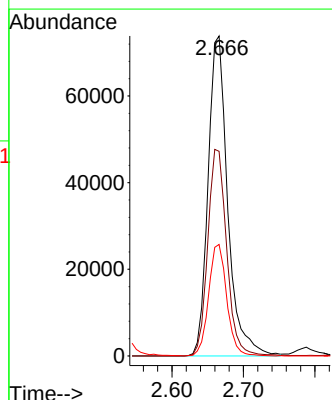
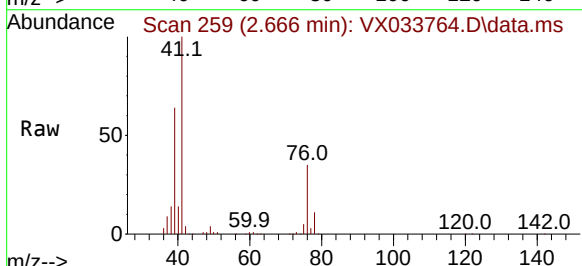
Tgt Ion: 41 Resp: 141232

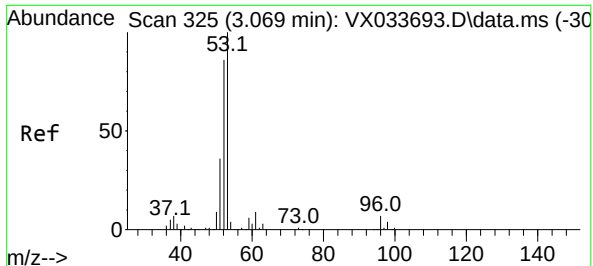
Ion Ratio Lower Upper

41 100

39 62.2 59.0 88.4

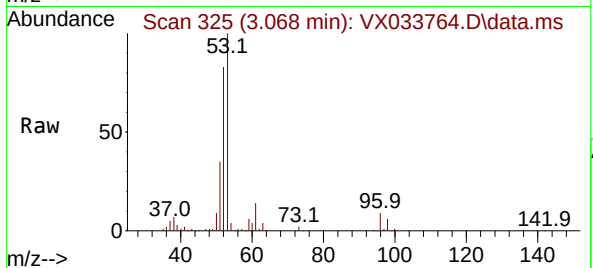
76 32.1 24.6 37.0





#15
Acrylonitrile
Concen: 241.942 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

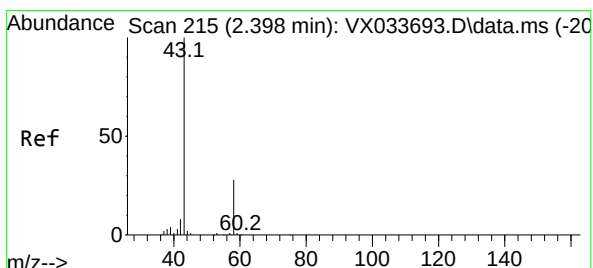
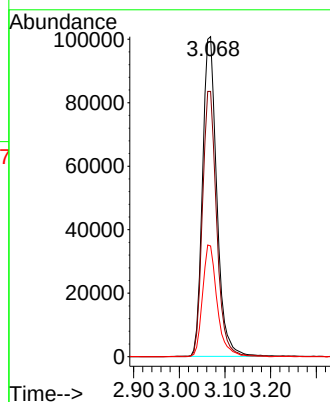
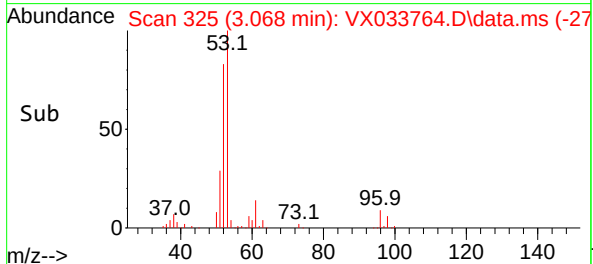
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 218459
Ion Ratio Lower Upper
53 100
52 82.4 65.7 98.5
51 35.9 29.0 43.4

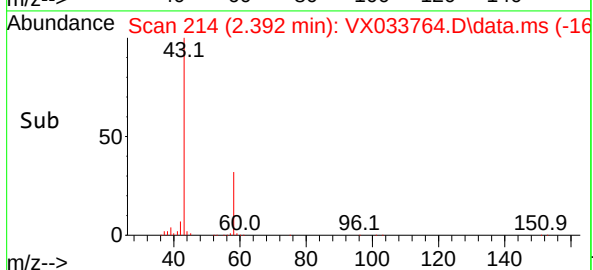
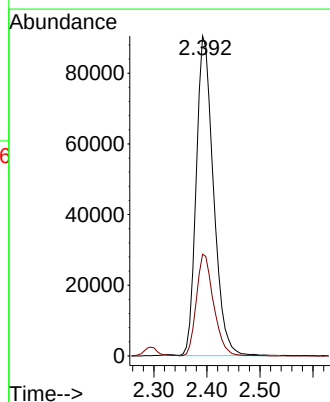
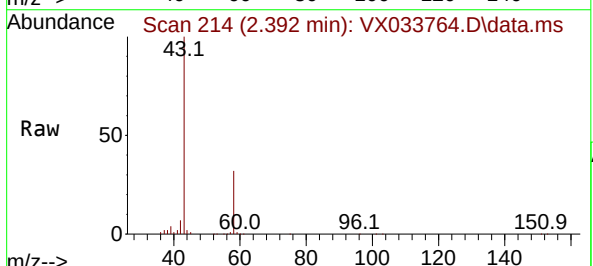
Manual Integrations
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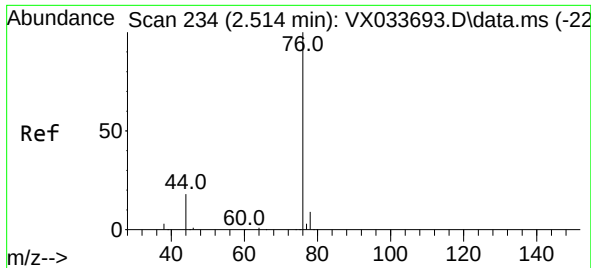
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#16
Acetone
Concen: 285.699 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion: 43 Resp: 203787
Ion Ratio Lower Upper
43 100
58 31.8 22.6 33.8





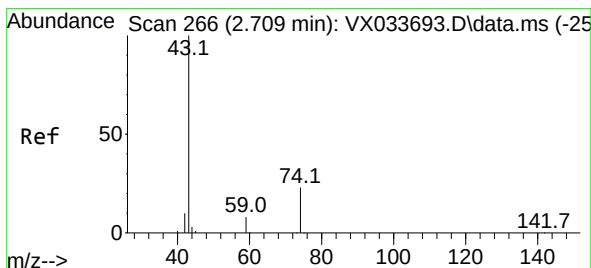
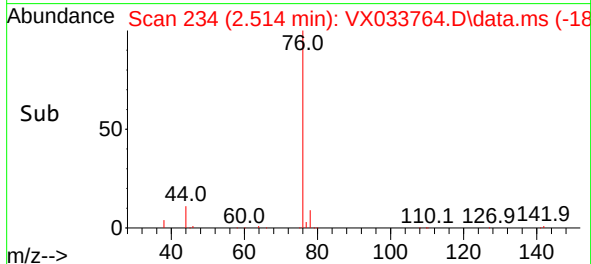
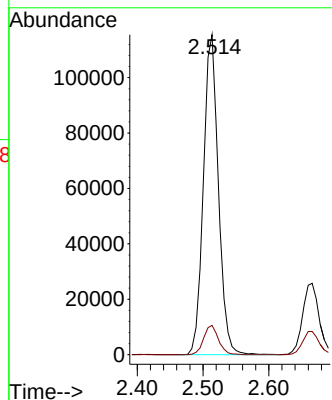
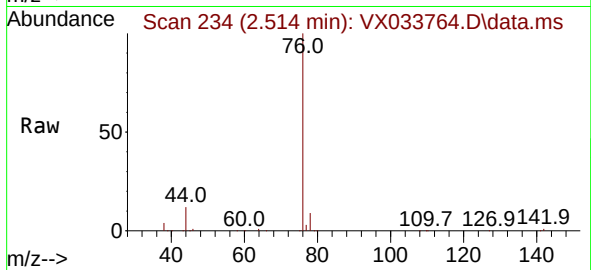
#17
Carbon Disulfide
Concen: 47.475 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 18300
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

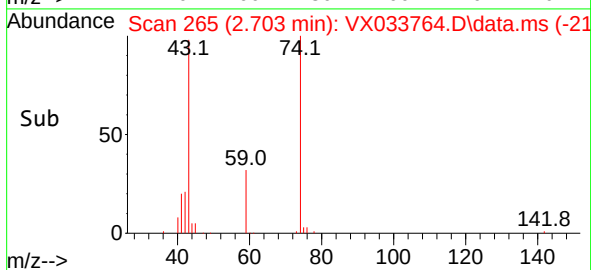
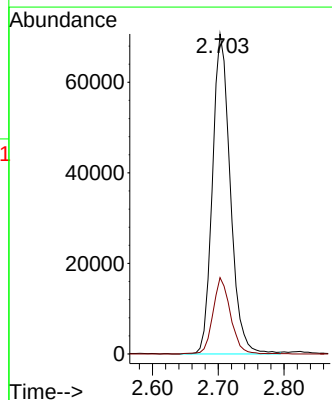
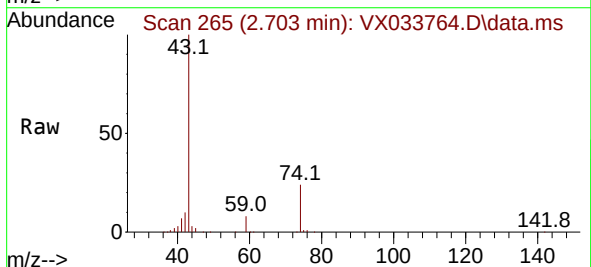
Manual Integrations
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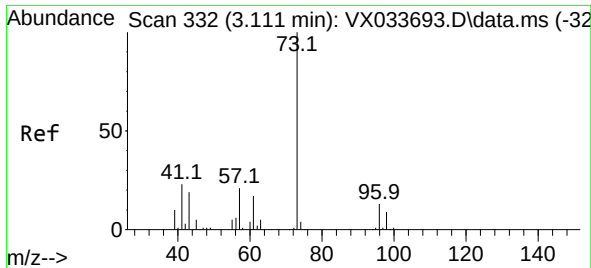
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#18
Methyl Acetate
Concen: 48.504 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

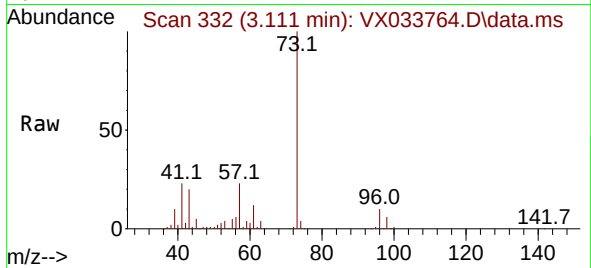
Tgt Ion: 43 Resp: 133690
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.4





#19
Methyl tert-butyl Ether
Concen: 50.323 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

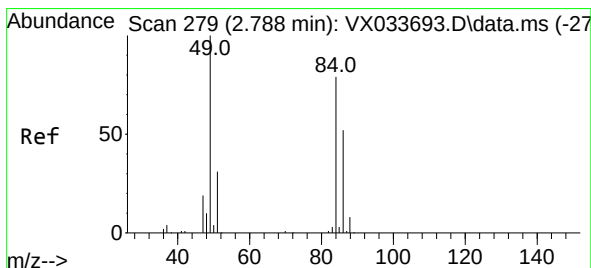
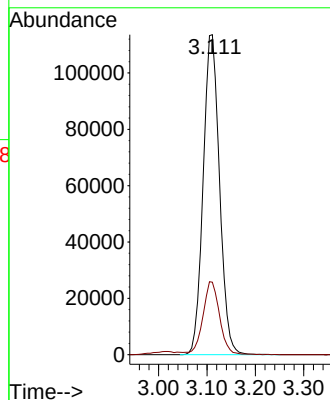
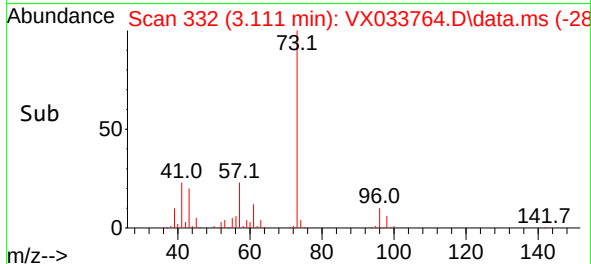
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 266750
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.0

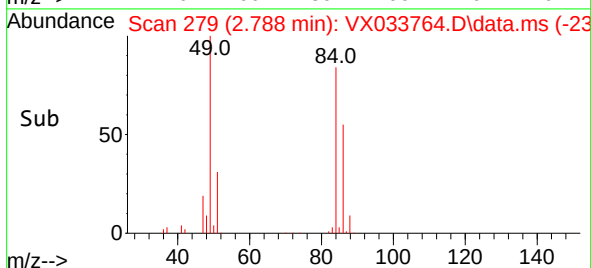
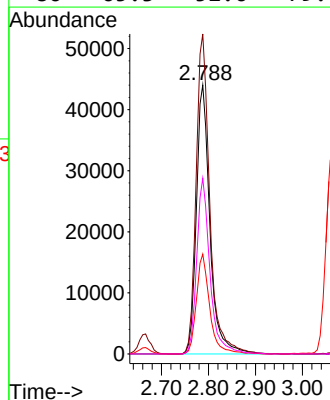
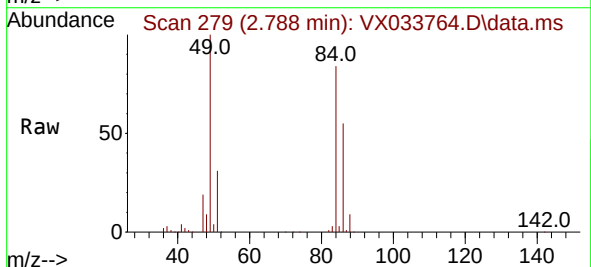
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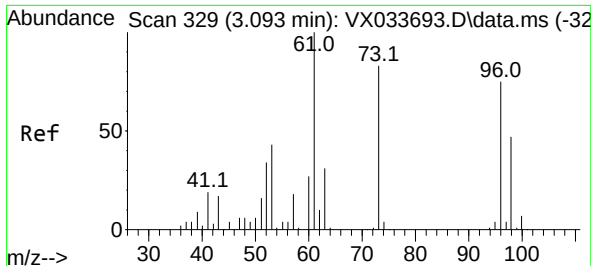
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#20
Methylene Chloride
Concen: 51.747 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion: 84 Resp: 88711
Ion Ratio Lower Upper
84 100
49 119.0 101.1 151.7
51 37.1 31.0 46.6
86 65.3 52.6 79.0





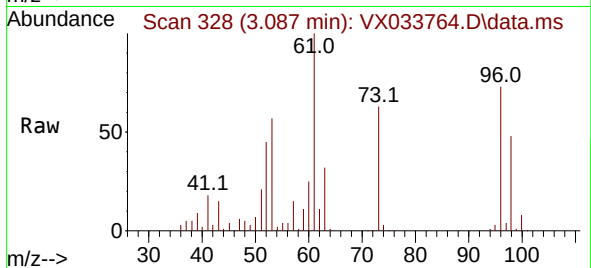
#21
trans-1,2-Dichloroethene
Concen: 47.852 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



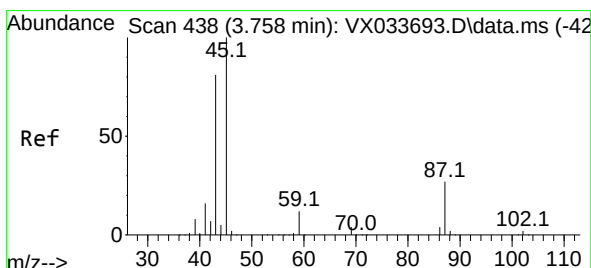
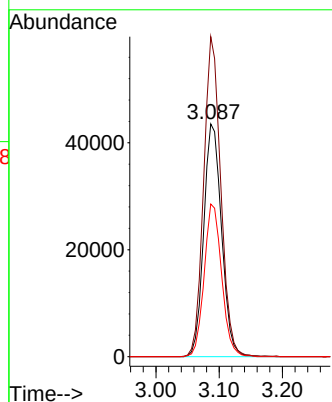
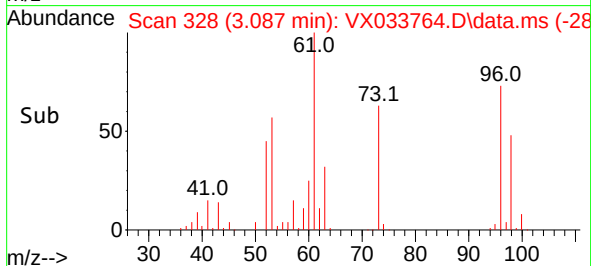
Tgt Ion: 96 Resp: 85379
Ion Ratio Lower Upper
96 100
61 137.4 106.7 160.1
98 65.5 50.0 75.0

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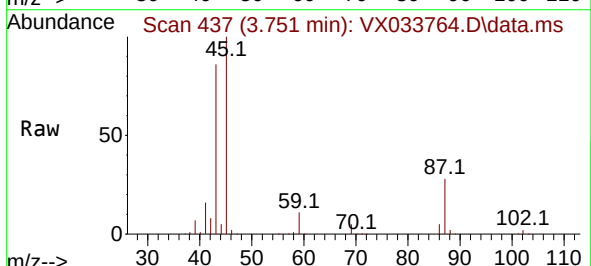
APPROVED

Reviewed By :John Carlone 01/18/2023

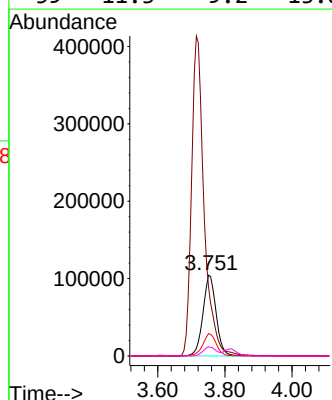
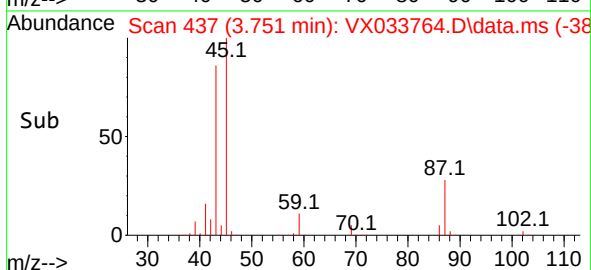
Supervised By :Mahesh Dadoda 01/18/2023

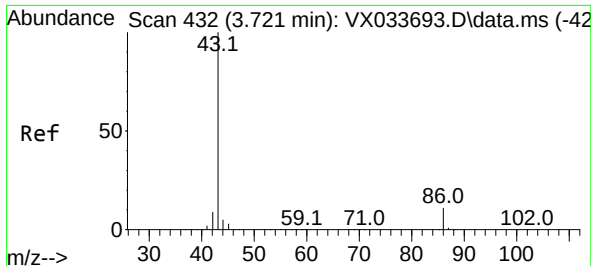


#22
Diisopropyl ether
Concen: 49.259 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25



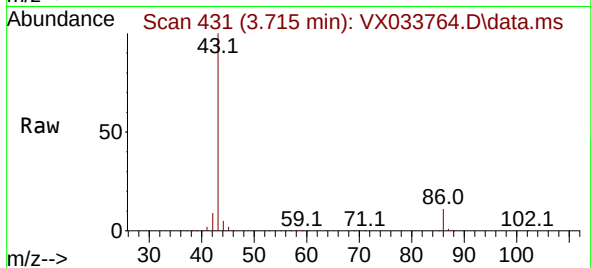
Tgt Ion: 45 Resp: 285301
Ion Ratio Lower Upper
45 100
43 85.4 64.6 97.0
87 27.8 21.9 32.9
59 11.3 9.2 13.8





#23
 Vinyl Acetate
 Concen: 247.068 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033764.D
 Acq: 17 Jan 2023 17:25

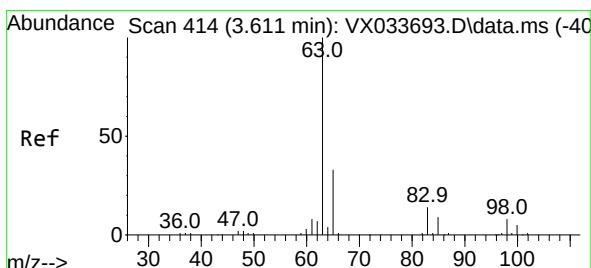
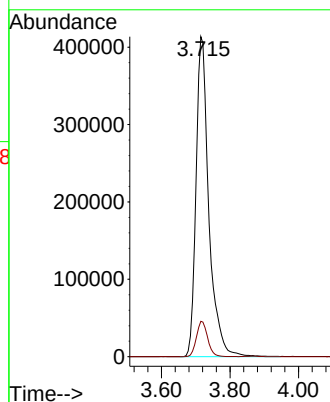
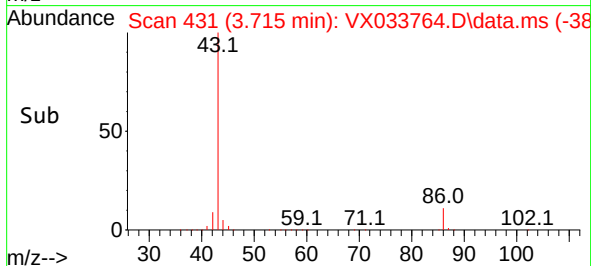
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



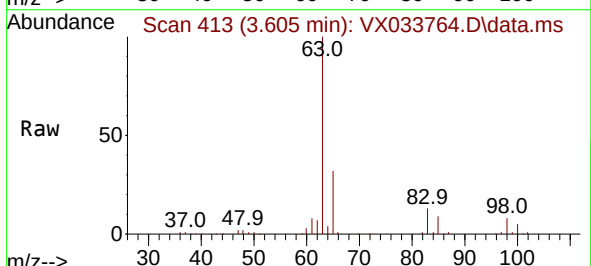
Tgt Ion: 43 Resp: 107723
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6

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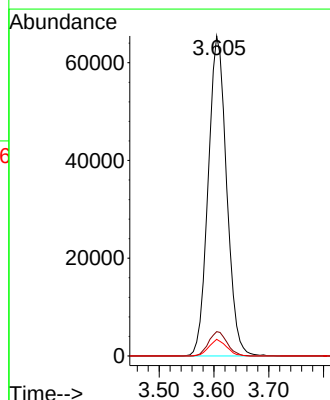
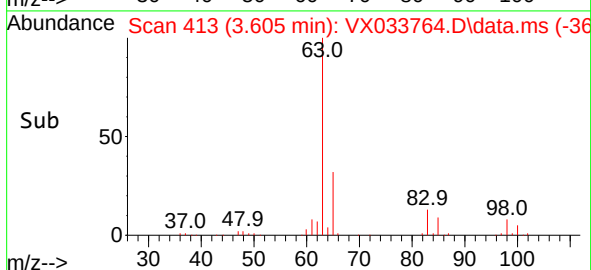
Reviewed By :John Carlone 01/18/2023
 Supervised By :Mahesh Dadoda 01/18/2023

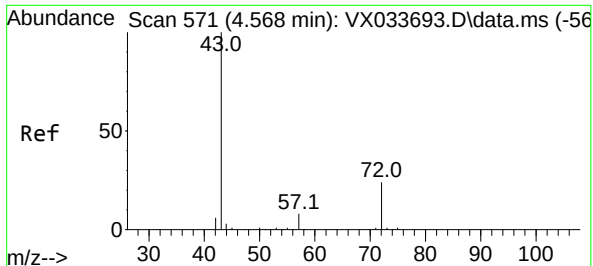


#24
 1,1-Dichloroethane
 Concen: 48.189 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033764.D
 Acq: 17 Jan 2023 17:25



Tgt Ion: 63 Resp: 152700
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.2
 100 5.2 2.4 7.2





#25

2-Butanone

Concen: 235.358 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 303710

Ion Ratio Lower Upper

43 100

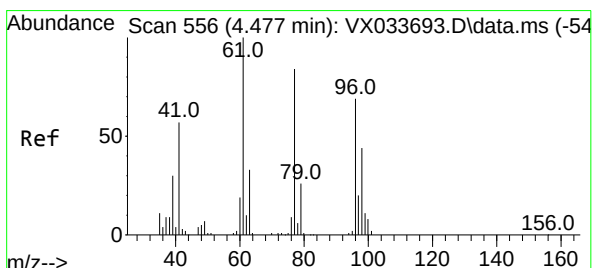
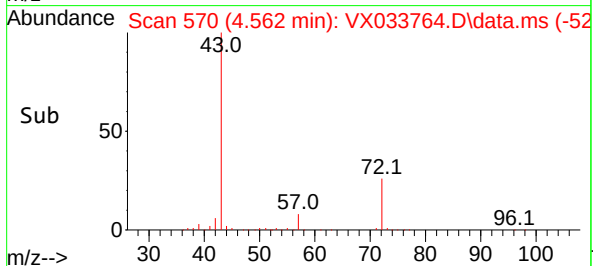
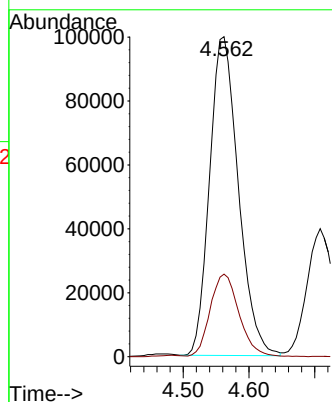
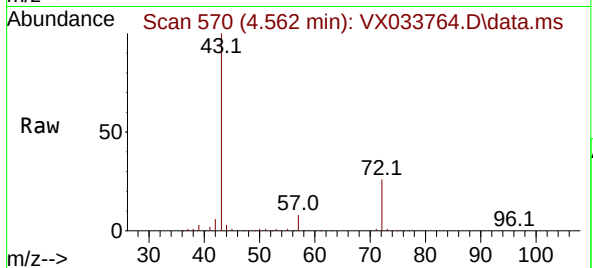
72 25.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#26

2,2-Dichloropropane

Concen: 47.273 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX033764.D

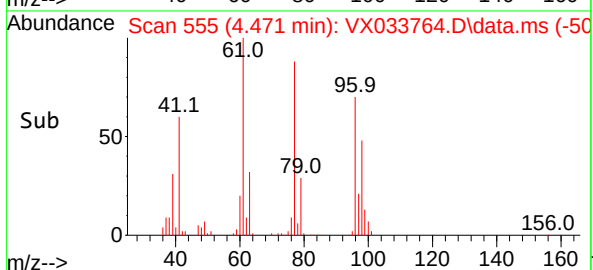
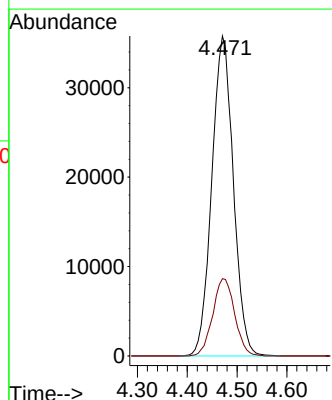
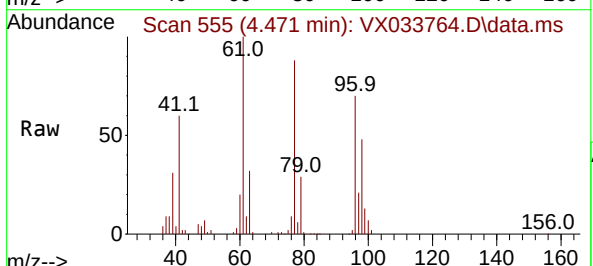
Acq: 17 Jan 2023 17:25

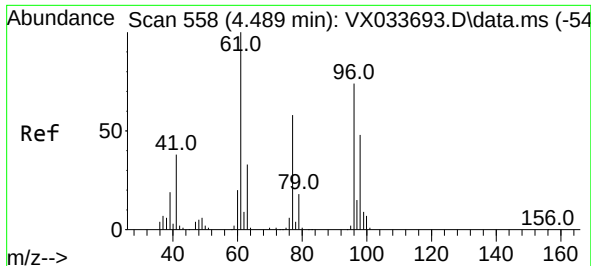
Tgt Ion: 77 Resp: 107301

Ion Ratio Lower Upper

77 100

97 24.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 48.589 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 99670

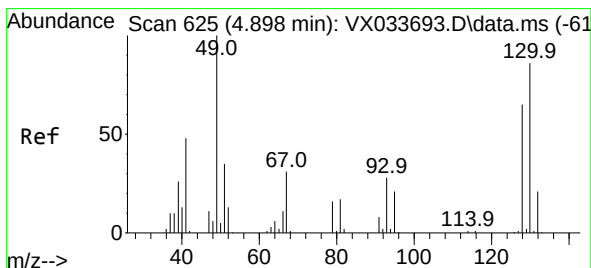
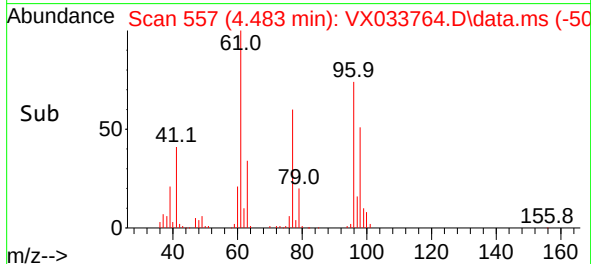
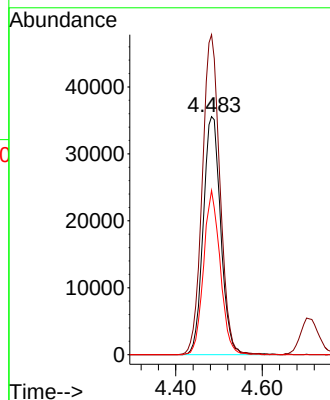
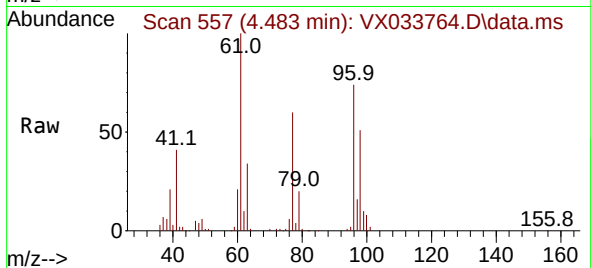
Ion	Ratio	Lower	Upper
96	100		
61	135.8	0.0	277.6
98	65.3	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#28

Bromochloromethane

Concen: 46.694 ug/l

RT: 4.891 min Scan# 624

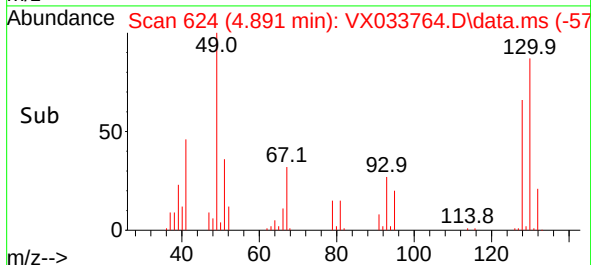
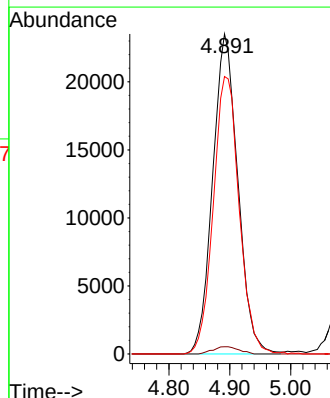
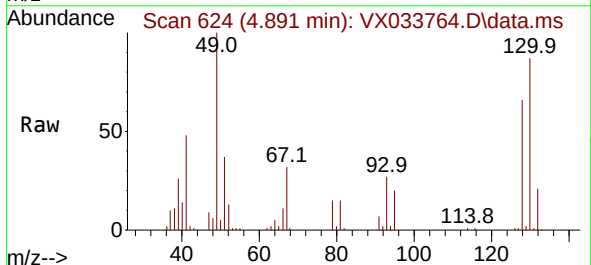
Delta R.T. -0.006 min

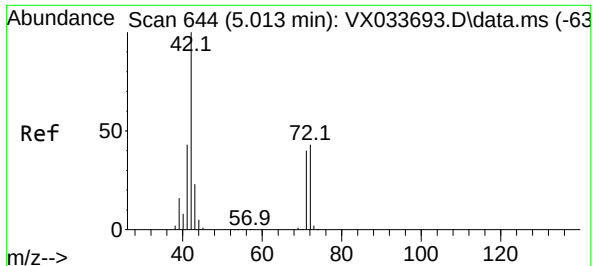
Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Tgt Ion: 49 Resp: 67398

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	89.0	68.5	102.7





#29

Tetrahydrofuran

Concen: 235.576 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19159

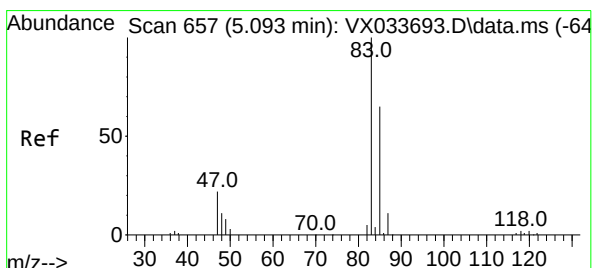
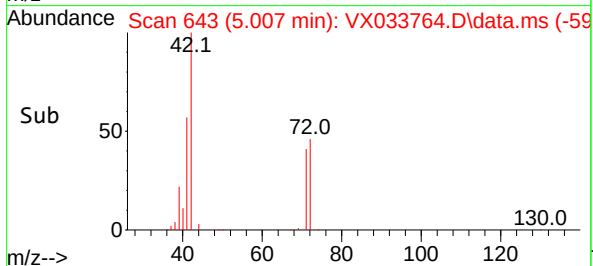
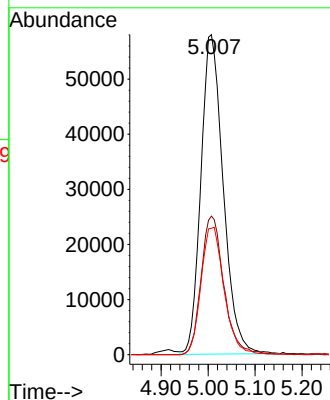
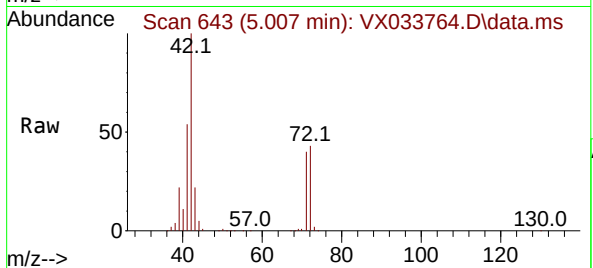
Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.8	52.2
71	41.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#30

Chloroform

Concen: 47.580 ug/l

RT: 5.086 min Scan# 656

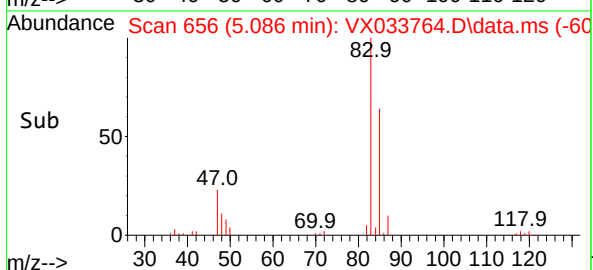
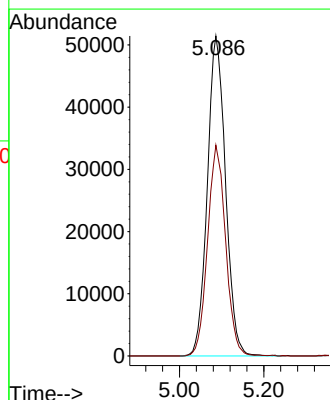
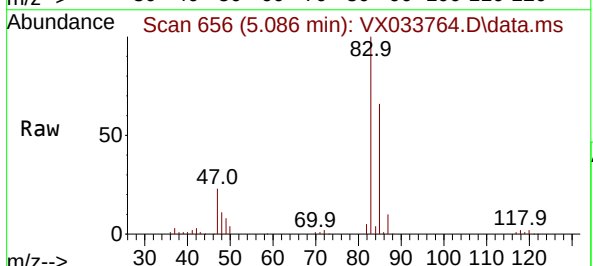
Delta R.T. -0.006 min

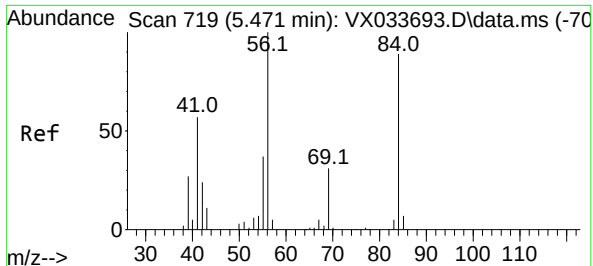
Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Tgt Ion: 83 Resp: 154422

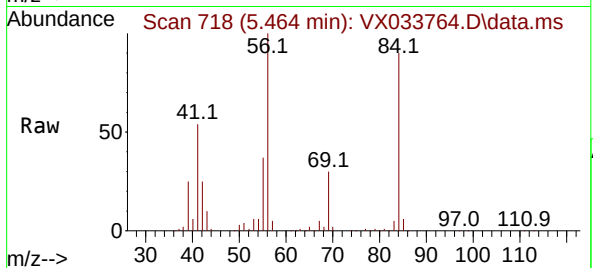
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.1	78.1





#31
Cyclohexane
Concen: 47.956 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

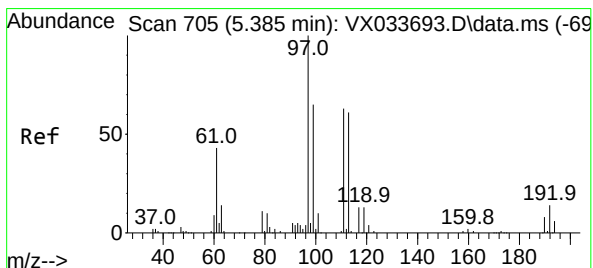
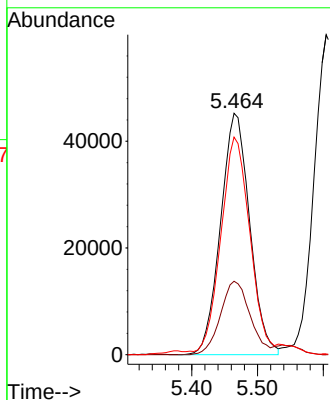
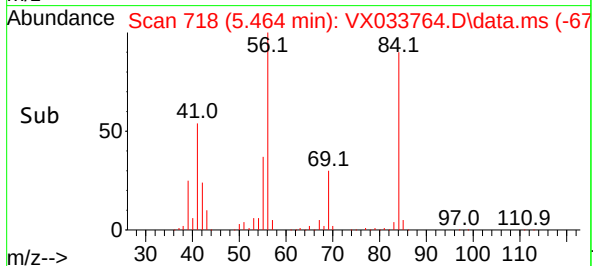
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 139368
Ion Ratio Lower Upper
56 100
69 30.4 24.6 37.0
84 88.5 71.0 106.6

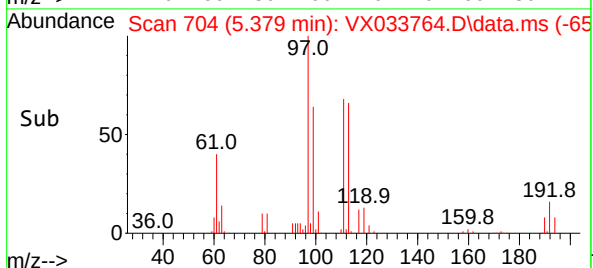
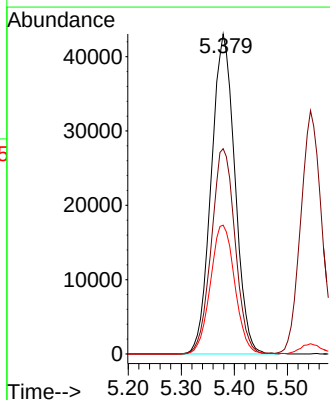
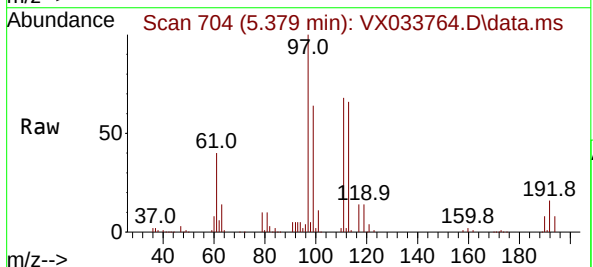
Manual Integrations
APPROVED

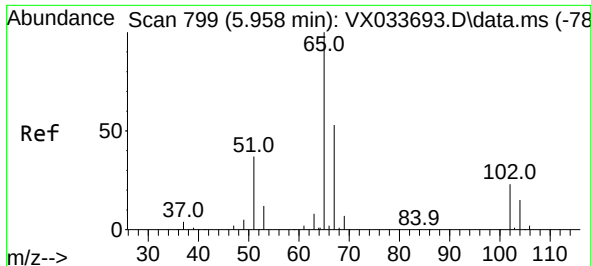
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#32
1,1,1-Trichloroethane
Concen: 48.050 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion: 97 Resp: 133146
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 41.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.863 ug/l

RT: 5.946 min Scan# 79

Delta R.T. -0.012 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 90578

Ion Ratio Lower Upper

65 100

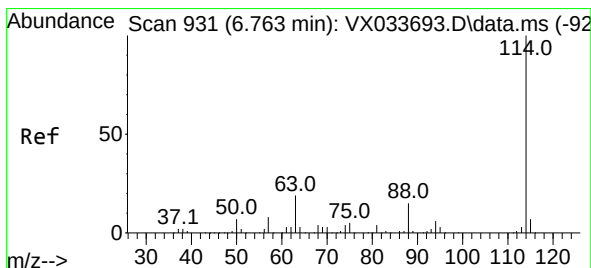
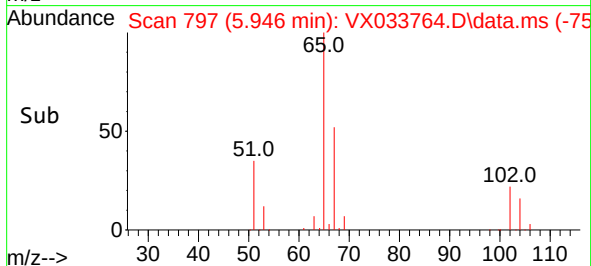
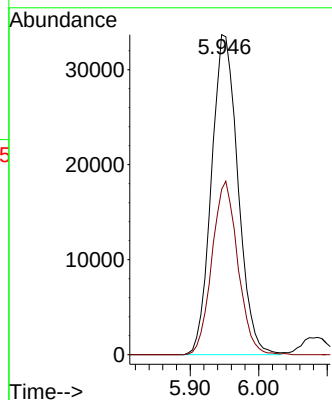
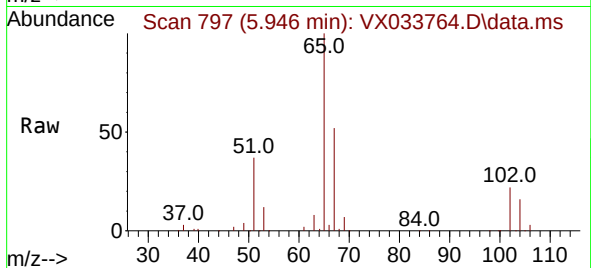
67 52.8 0.0 104.8

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: VX033764.D

Acq: 17 Jan 2023 17:25

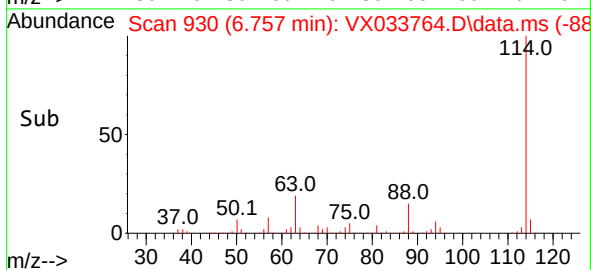
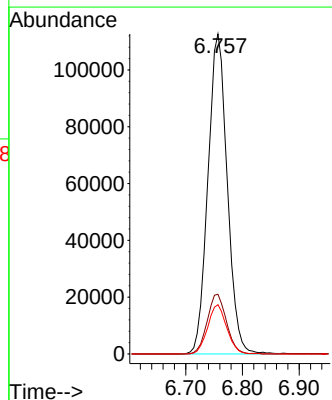
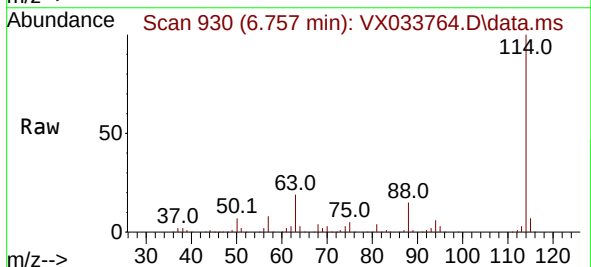
Tgt Ion:114 Resp: 266598

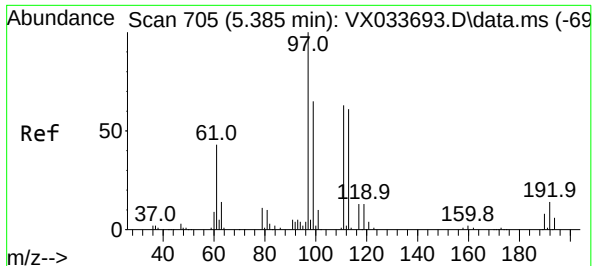
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.122 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 81318

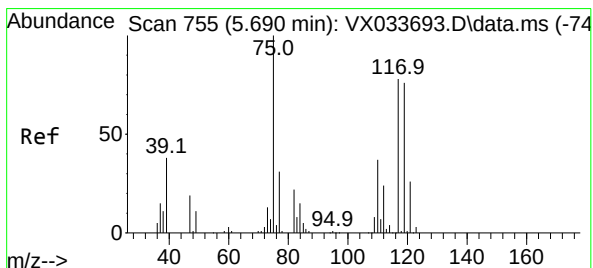
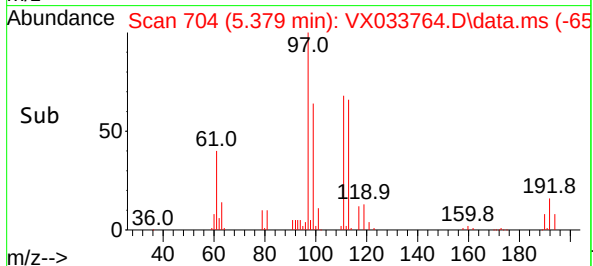
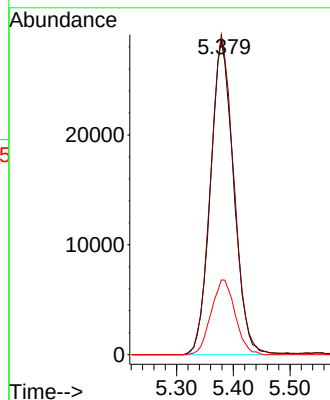
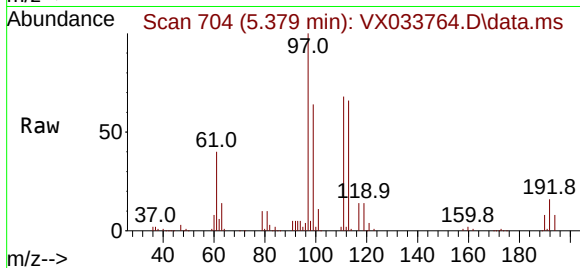
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	24.5	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#36

1,1-Dichloropropene

Concen: 48.445 ug/l

RT: 5.690 min Scan# 755

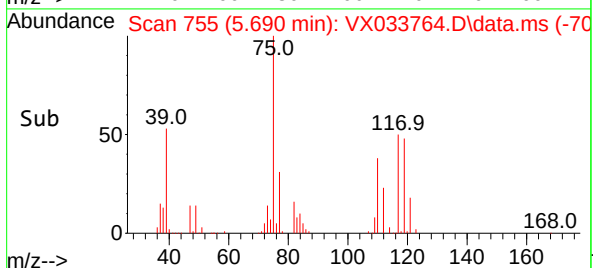
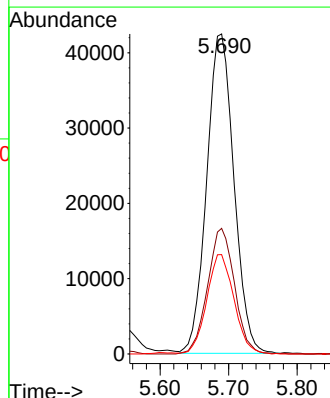
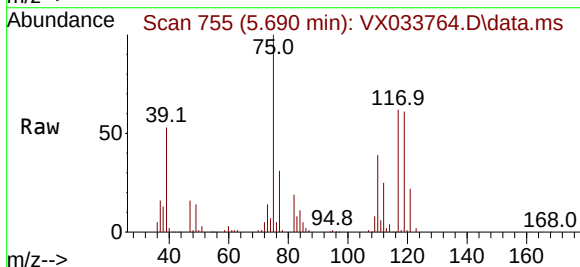
Delta R.T. -0.000 min

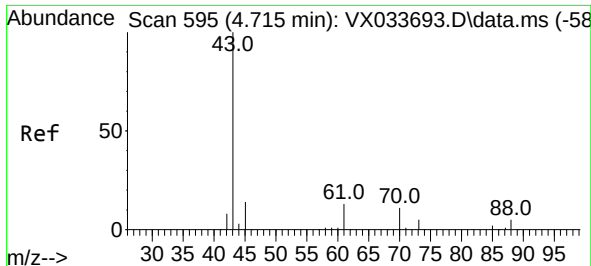
Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Tgt Ion: 75 Resp: 117044

Ion	Ratio	Lower	Upper
75	100		
110	38.8	18.8	56.4
77	31.1	25.1	37.7





#37

Ethyl Acetate

Concen: 51.988 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX033764.D

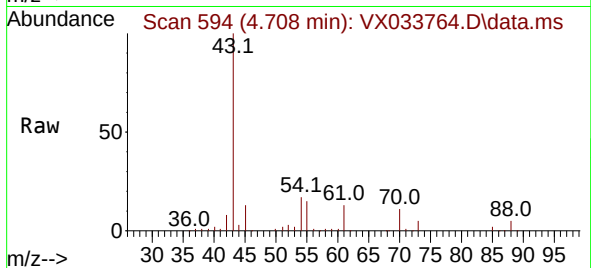
Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



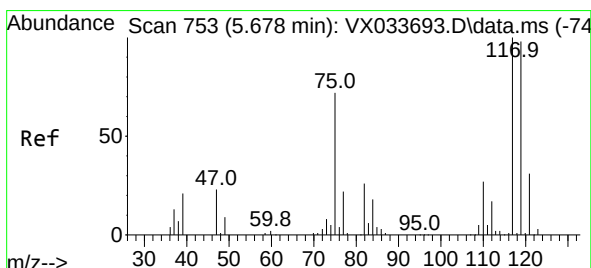
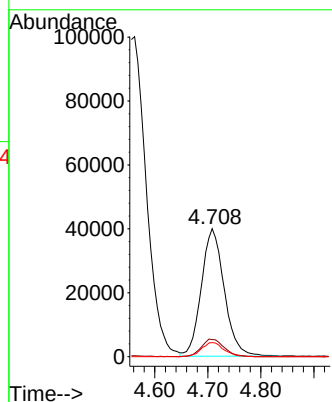
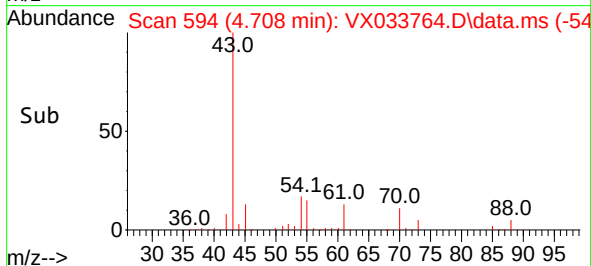
Tgt Ion: 43	Resp: 11958
Ion Ratio	Lower Upper
43 100	
61 13.7	11.1 16.7
70 10.8	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#38

Carbon Tetrachloride

Concen: 47.593 ug/l

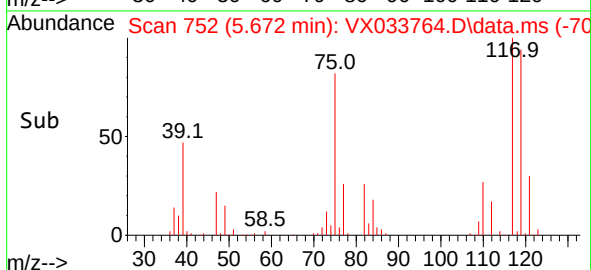
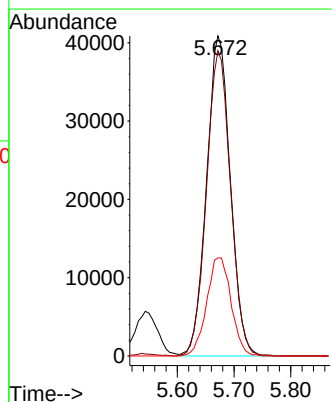
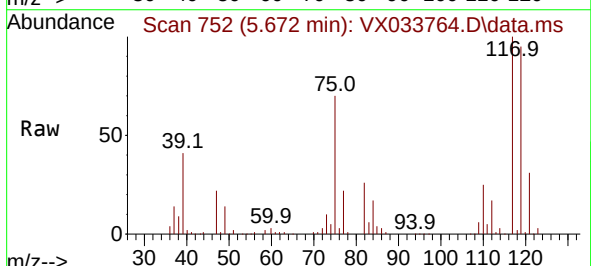
RT: 5.672 min Scan# 752

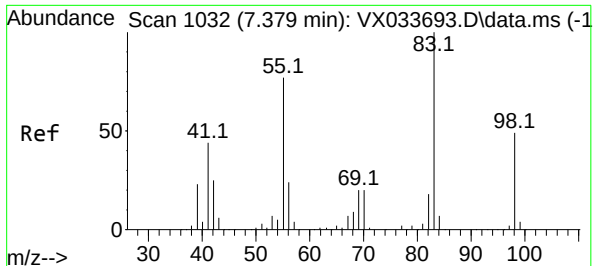
Delta R.T. -0.006 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Tgt Ion: 117	Resp: 119092
Ion Ratio	Lower Upper
117 100	
119 95.4	78.0 117.0
121 30.6	24.4 36.6





#39

Methylcyclohexane

Concen: 49.283 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 14704

Ion Ratio Lower Upper

83 100

55 73.7 61.8 92.6

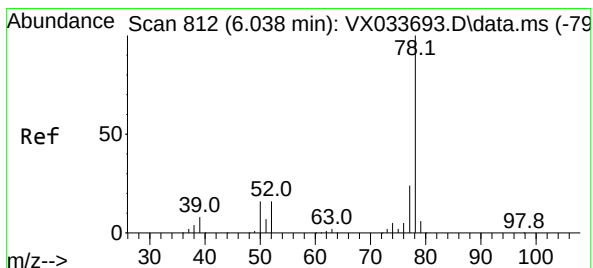
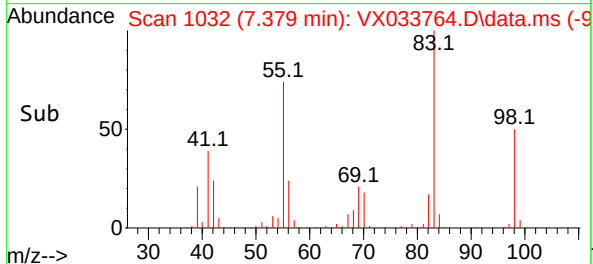
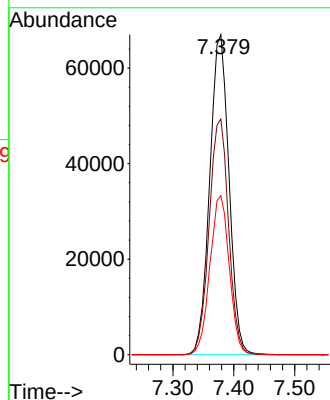
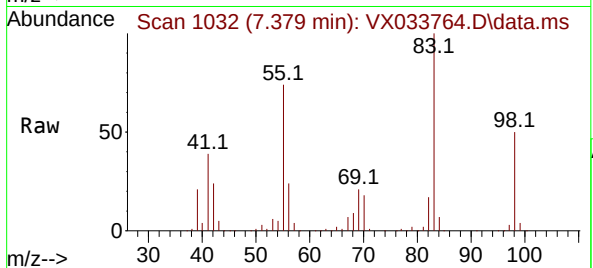
98 49.7 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#40

Benzene

Concen: 49.249 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX033764.D

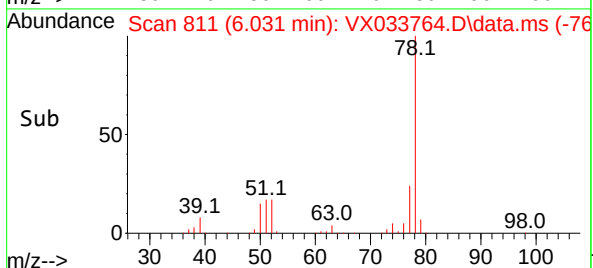
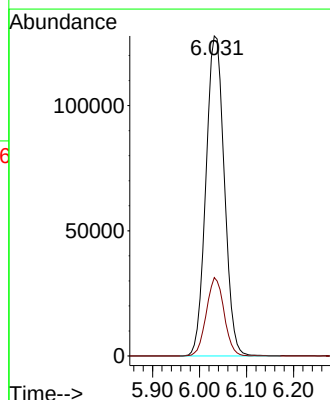
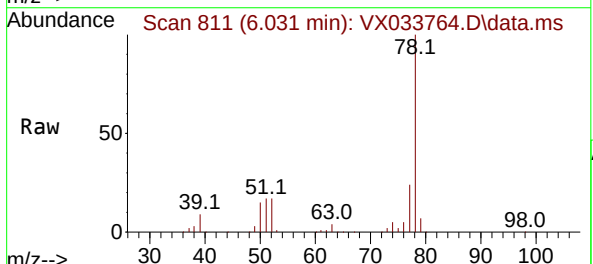
Acq: 17 Jan 2023 17:25

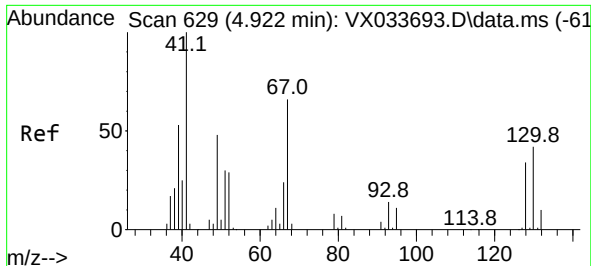
Tgt Ion: 78 Resp: 346819

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.4





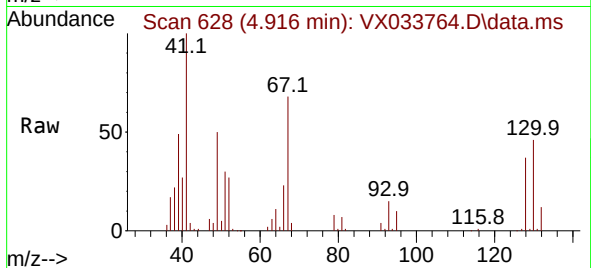
#41
Methacrylonitrile
Concen: 51.484 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



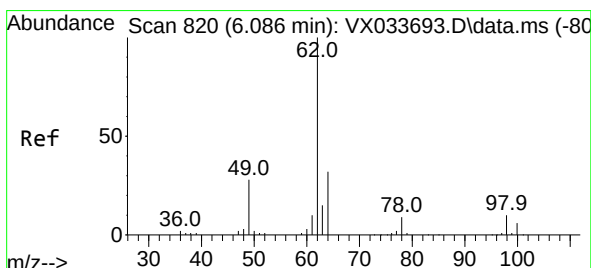
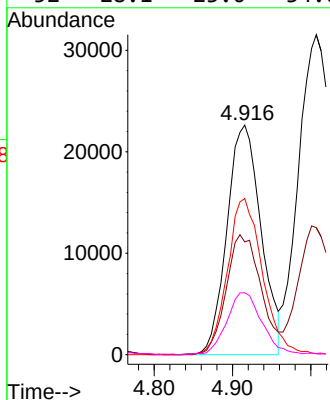
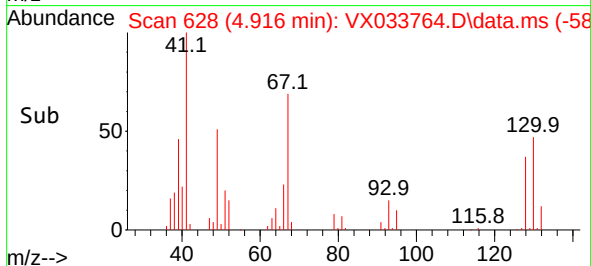
Tgt Ion: 41 Resp: 68549
Ion Ratio Lower Upper
41 100
39 54.1 43.8 65.6
67 69.8 54.8 82.2
52 28.1 23.0 34.6

Manual Integrations

APPROVED

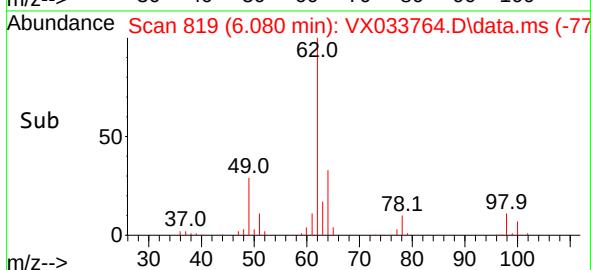
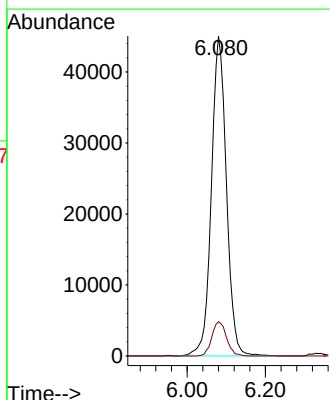
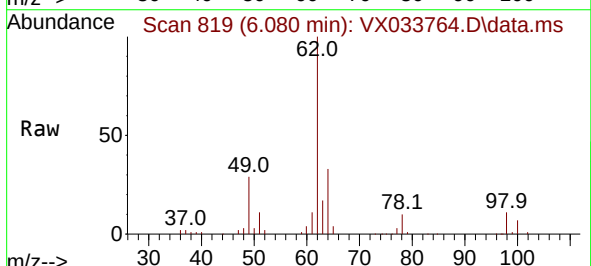
Reviewed By :John Carlone 01/18/2023

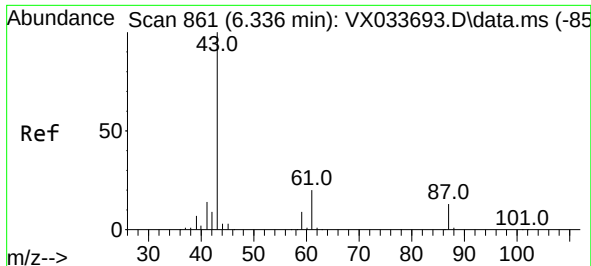
Supervised By :Mahesh Dadoda 01/18/2023



#42
1,2-Dichloroethane
Concen: 47.987 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion: 62 Resp: 119759
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 49.836 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

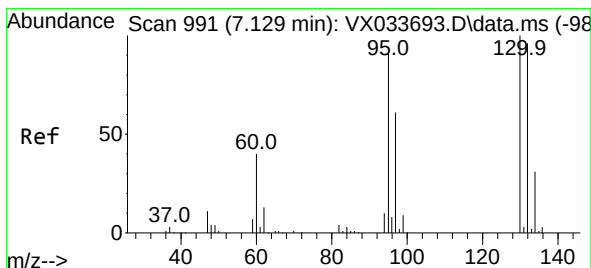
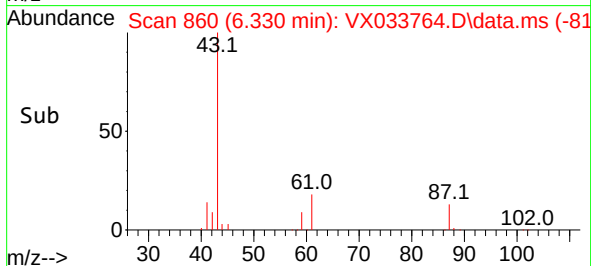
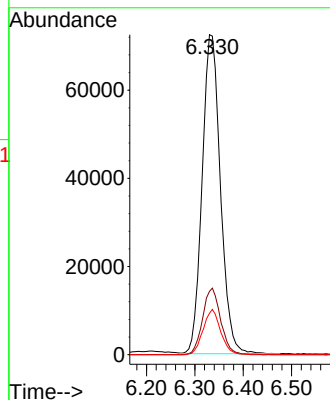
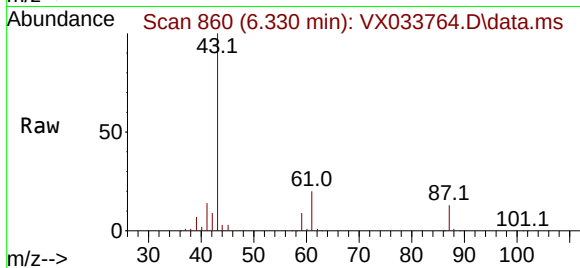
Tgt Ion: 43	Resp: 19008
Ion Ratio	Lower Upper
43 100	
61 20.6	15.7 23.5
87 13.6	10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#44

Trichloroethene

Concen: 51.540 ug/l

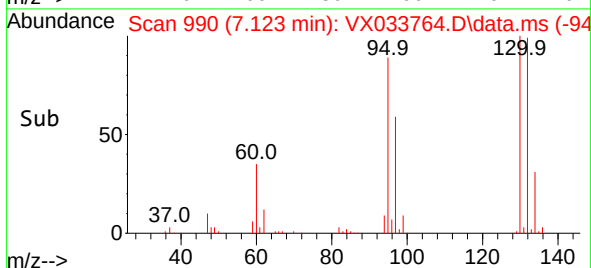
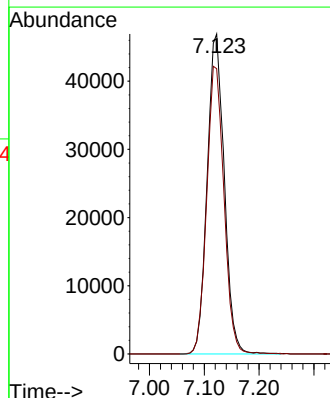
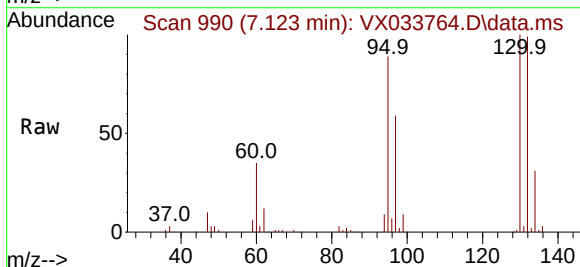
RT: 7.123 min Scan# 990

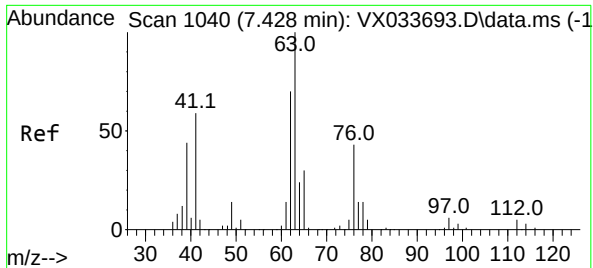
Delta R.T. -0.006 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Tgt Ion:130	Resp: 101495
Ion Ratio	Lower Upper
130 100	
95 89.2	0.0 182.6





#45

1,2-Dichloropropane

Concen: 50.642 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 8933

Ion Ratio Lower Upper

63 100

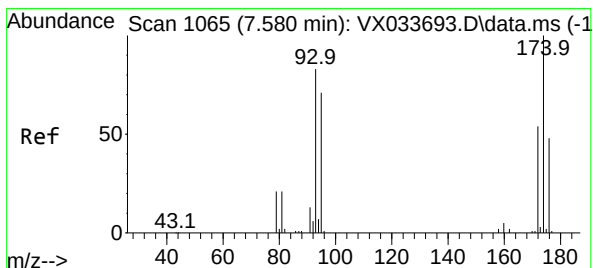
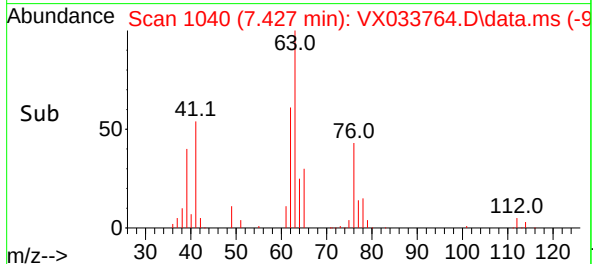
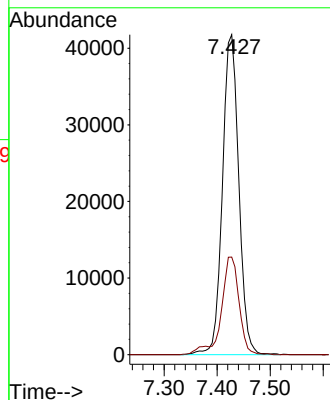
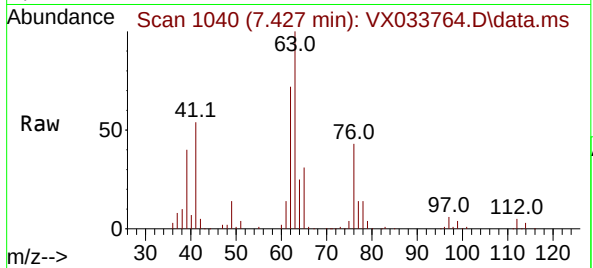
65 30.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#46

Dibromomethane

Concen: 49.499 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

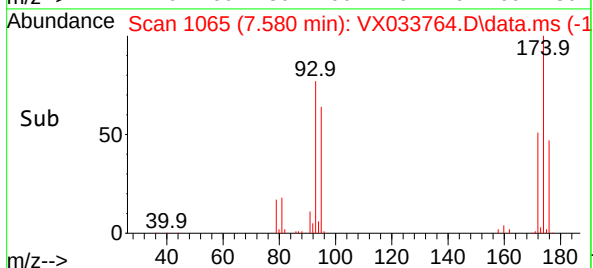
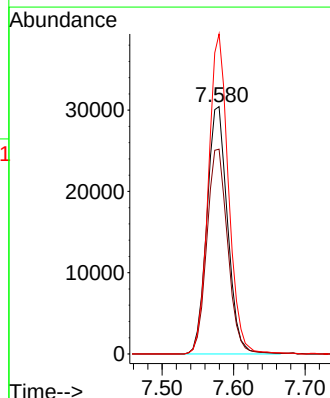
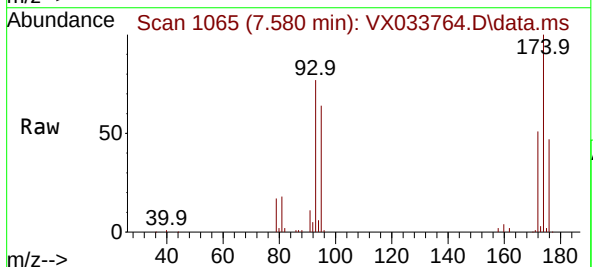
Tgt Ion: 93 Resp: 60993

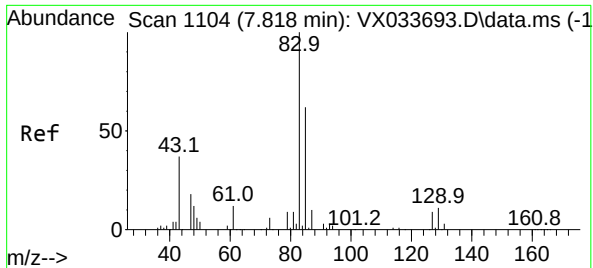
Ion Ratio Lower Upper

93 100

95 83.7 67.6 101.4

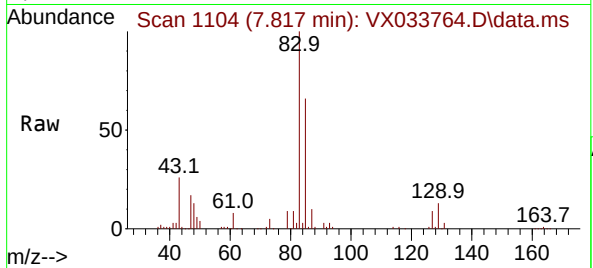
174 125.8 97.4 146.0





#47
Bromodichloromethane
Concen: 49.479 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

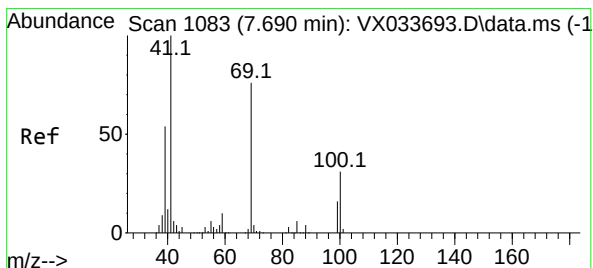
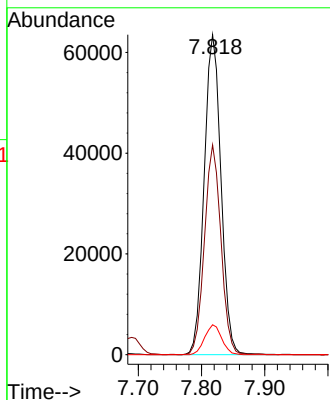
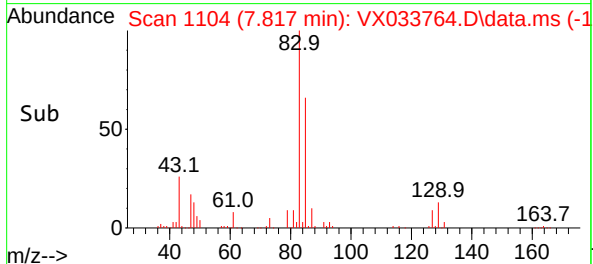
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 117495
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 9.4 7.0 10.4

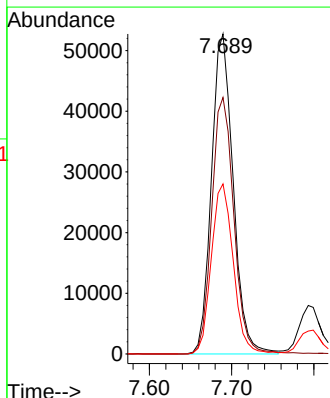
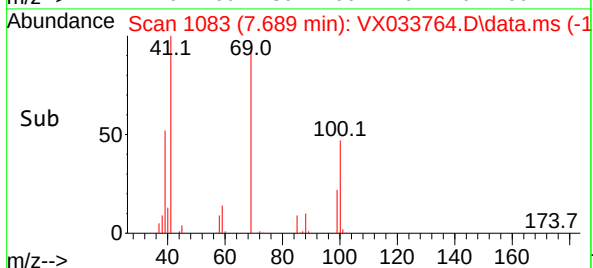
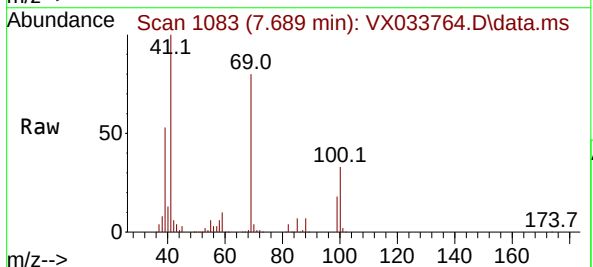
Manual Integrations
APPROVED

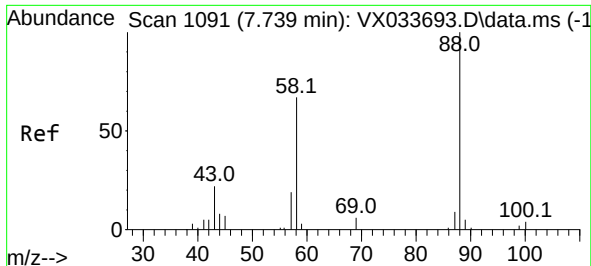
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#48
Methyl methacrylate
Concen: 50.466 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion: 41 Resp: 96962
Ion Ratio Lower Upper
41 100
69 81.9 63.1 94.7
39 53.6 43.2 64.8





#49

1,4-Dioxane

Concen: 967.543 ug/l

RT: 7.726 min Scan# 1091

Delta R.T. -0.012 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

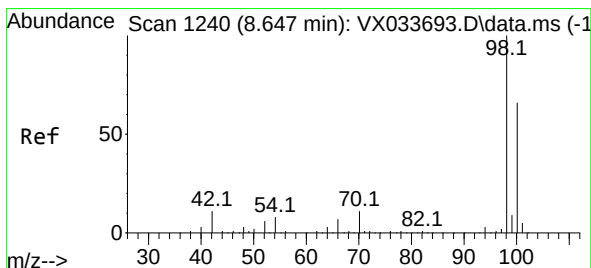
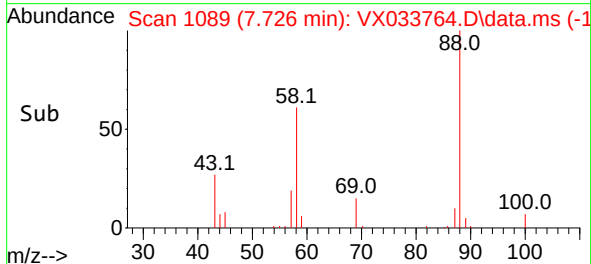
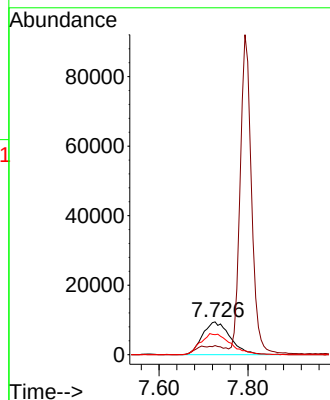
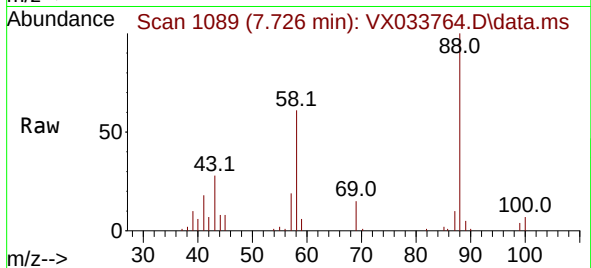
Tgt Ion: 88 Resp: 41120
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 69.1 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#50

Toluene-d8

Concen: 49.558 ug/l

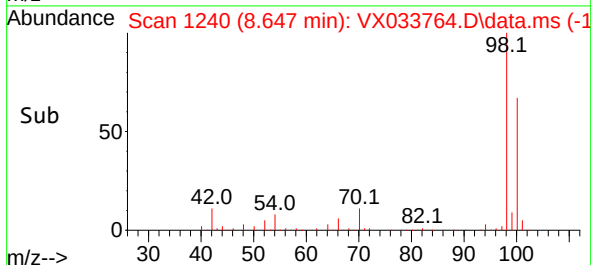
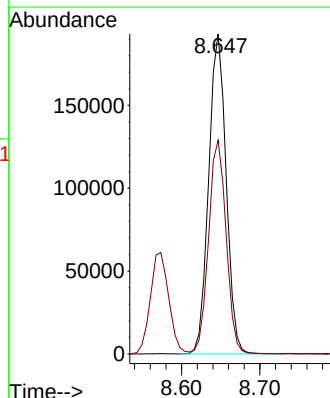
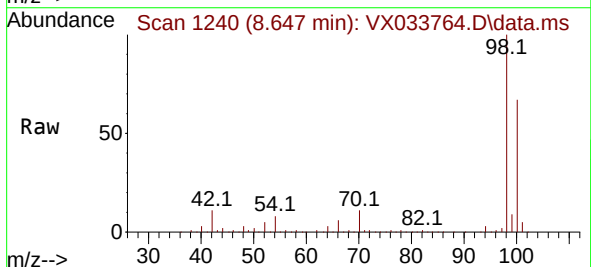
RT: 8.647 min Scan# 1240

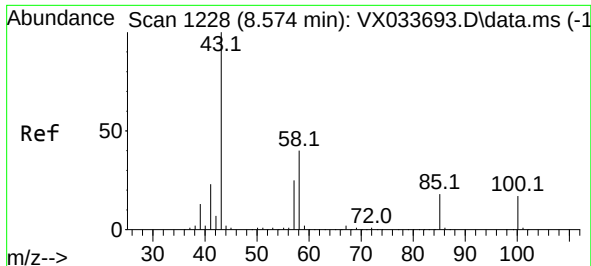
Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Tgt Ion: 98 Resp: 298916
 Ion Ratio Lower Upper
 98 100
 100 67.0 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 249.786 ug/l

RT: 8.567 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 58511

Ion Ratio Lower Upper

43 100

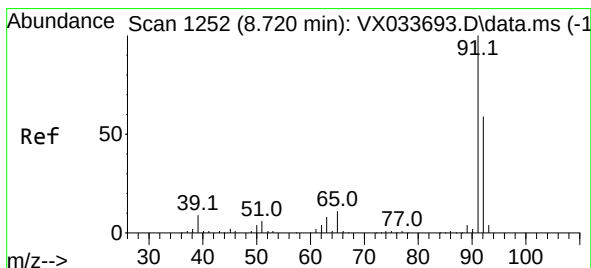
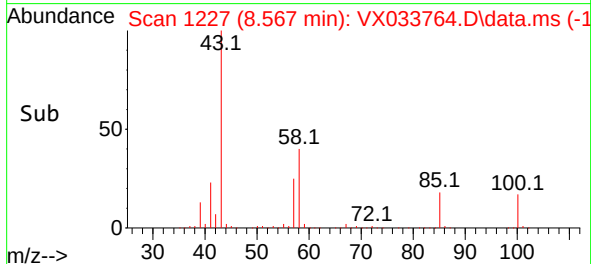
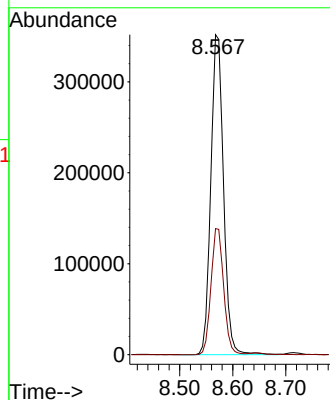
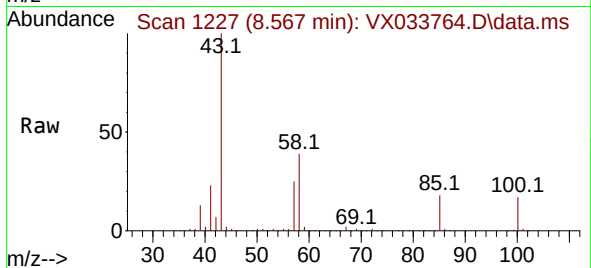
58 39.3 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#52

Toluene

Concen: 50.191 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX033764.D

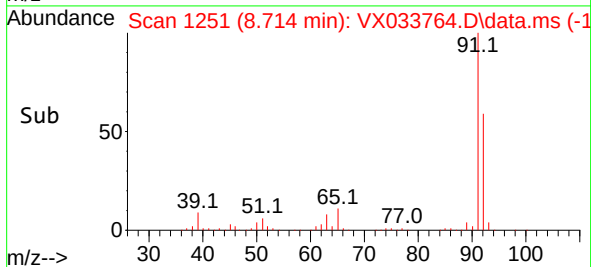
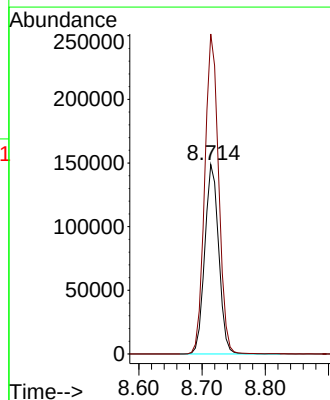
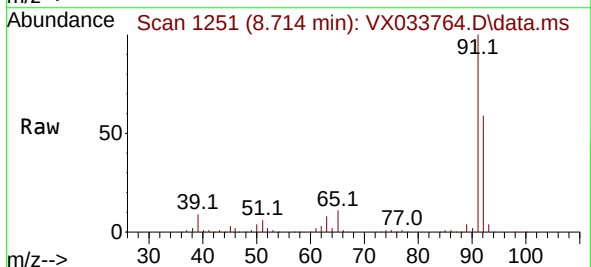
Acq: 17 Jan 2023 17:25

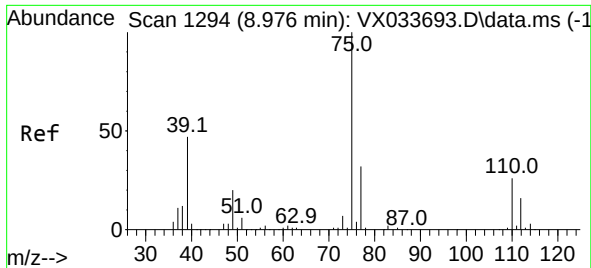
Tgt Ion: 92 Resp: 228254

Ion Ratio Lower Upper

92 100

91 168.6 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 51.707 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 12279

Ion Ratio Lower Upper

75 100

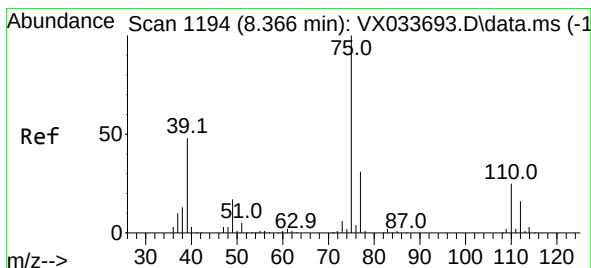
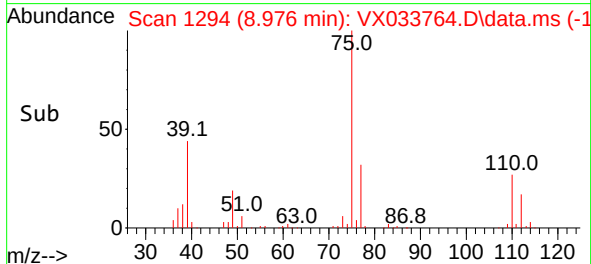
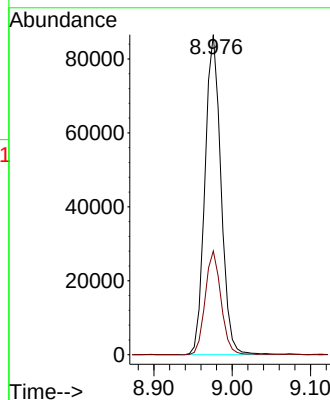
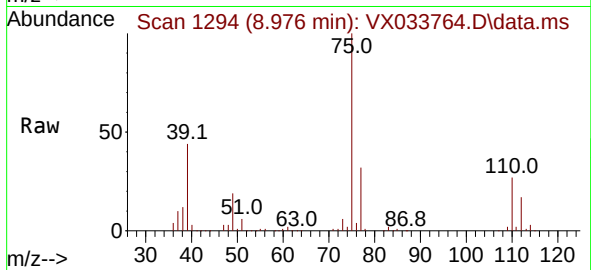
77 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#54

cis-1,3-Dichloropropene

Concen: 52.184 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

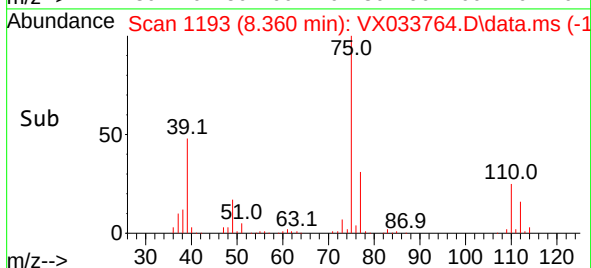
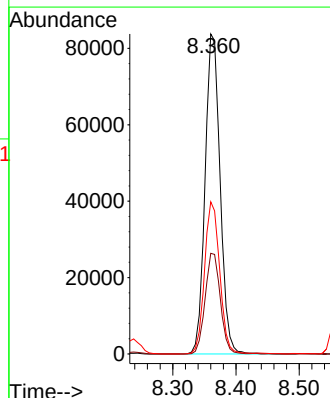
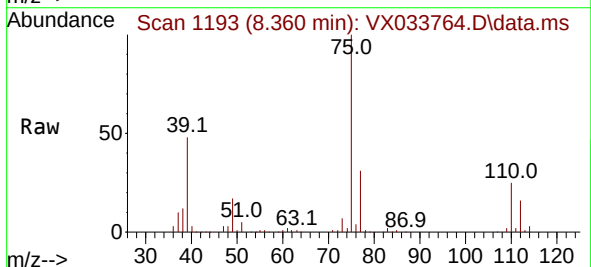
Tgt Ion: 75 Resp: 138862

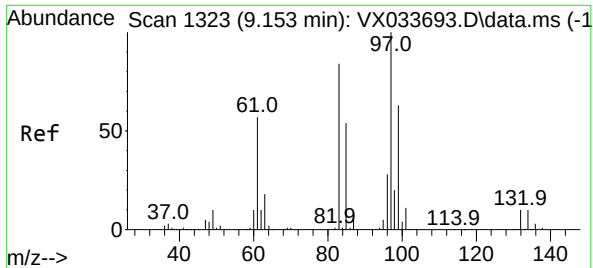
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

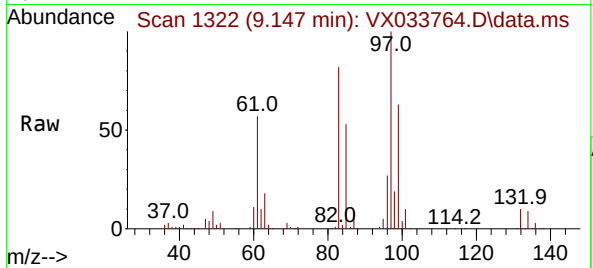
39 47.6 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 50.246 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

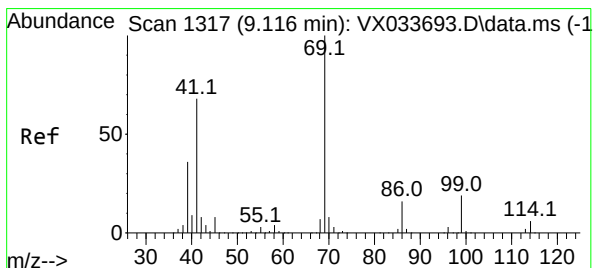
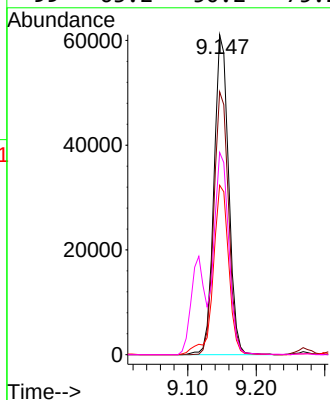
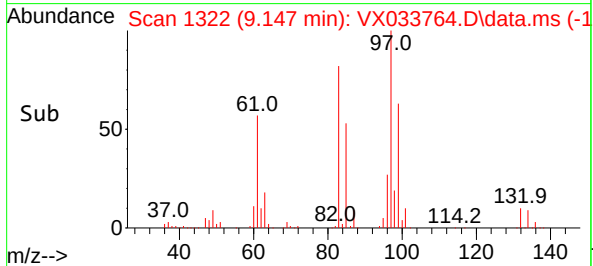


Tgt Ion: 97 Resp: 90450

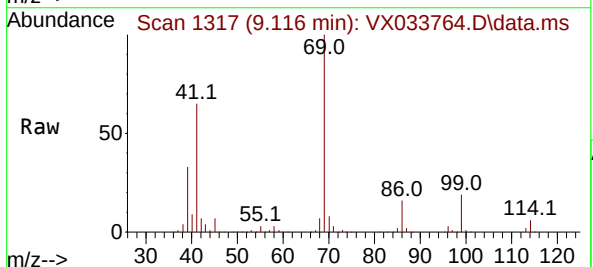
Ion	Ratio	Lower	Upper
97	100		
83	82.2	67.4	101.0
85	53.0	43.2	64.8
99	63.2	50.2	75.2

Manual Integrations
APPROVED

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

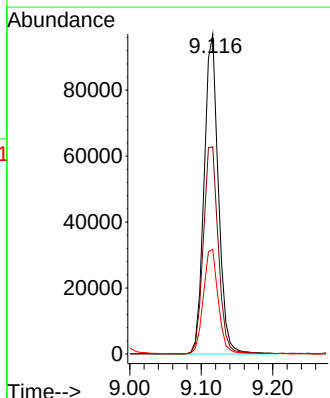
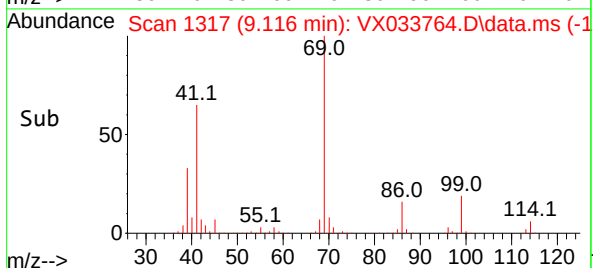


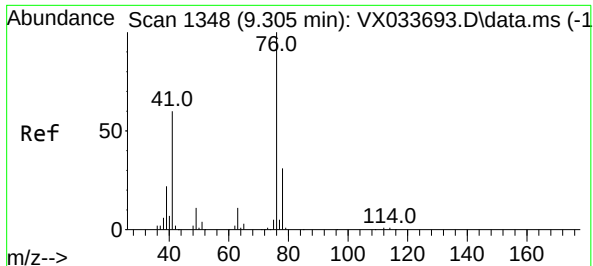
#56
Ethyl methacrylate
Concen: 53.252 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25



Tgt Ion: 69 Resp: 134909

Ion	Ratio	Lower	Upper
69	100		
41	68.2	55.1	82.7
39	33.9	28.5	42.7





#57

1,3-Dichloropropane

Concen: 52.500 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 153240

Ion Ratio Lower Upper

76 100

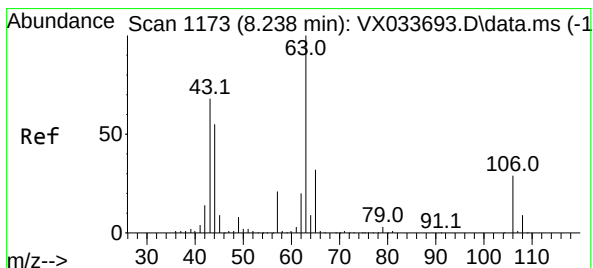
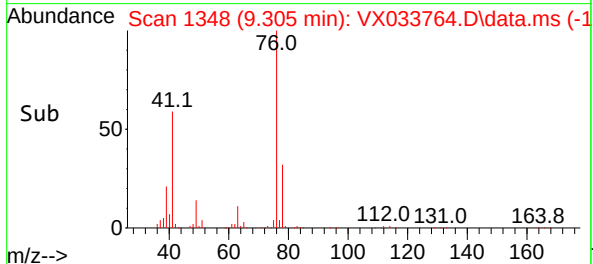
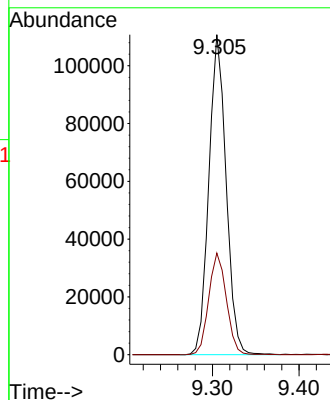
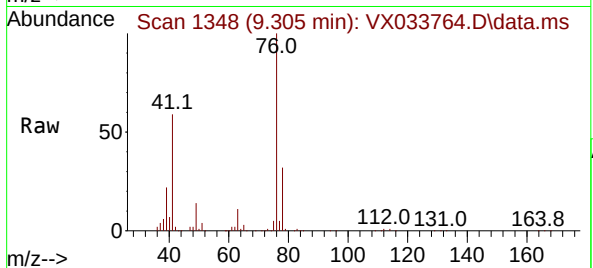
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 252.495 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033764.D

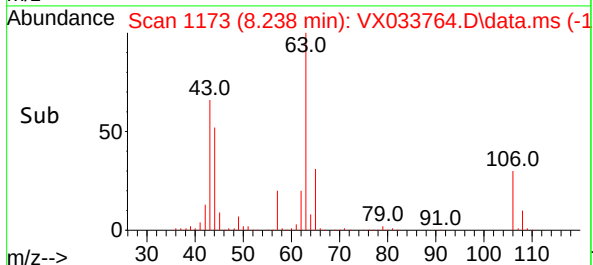
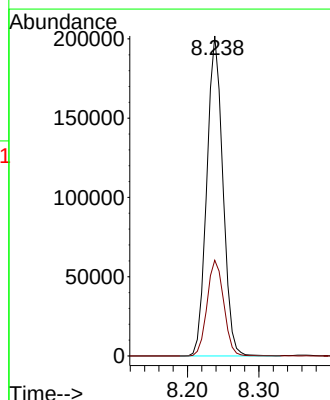
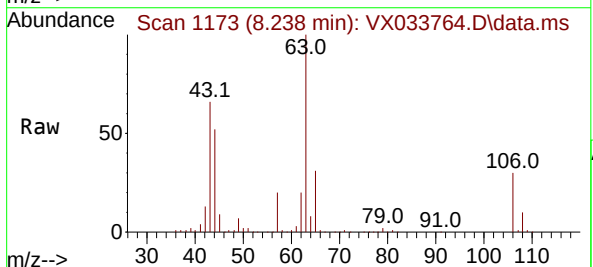
Acq: 17 Jan 2023 17:25

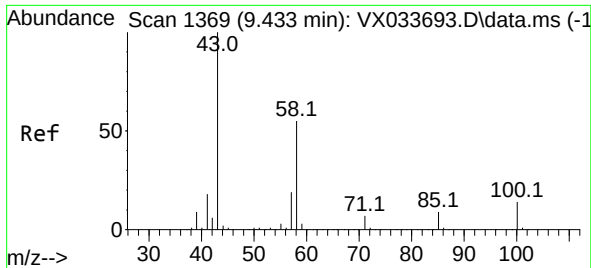
Tgt Ion: 63 Resp: 315030

Ion Ratio Lower Upper

63 100

106 30.9 24.5 36.7





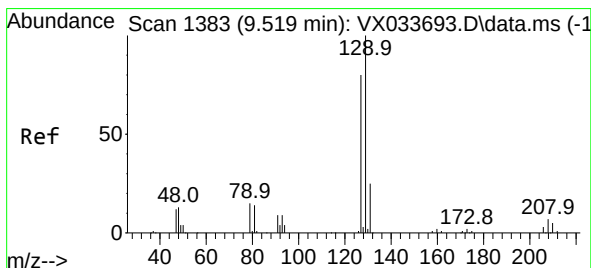
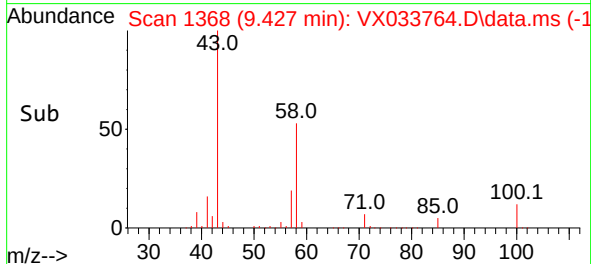
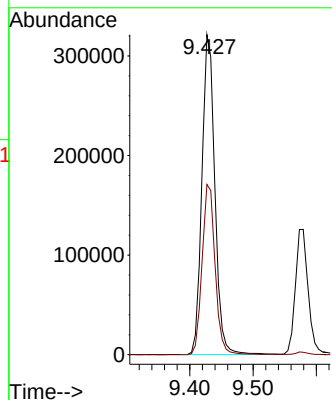
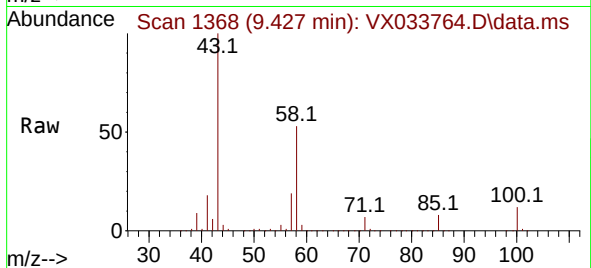
#59
2-Hexanone
Concen: 281.106 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45831
Ion Ratio Lower Upper
43 100
58 53.6 27.4 82.0

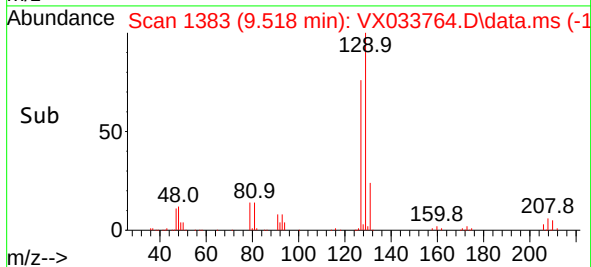
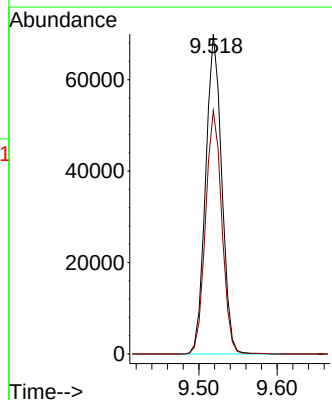
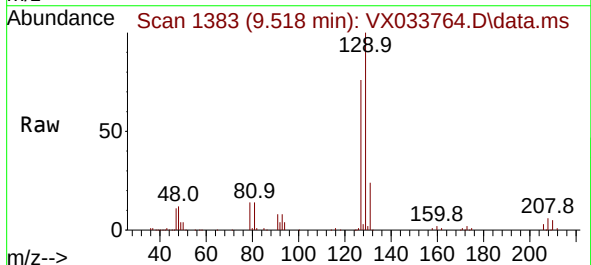
Manual Integrations
APPROVED

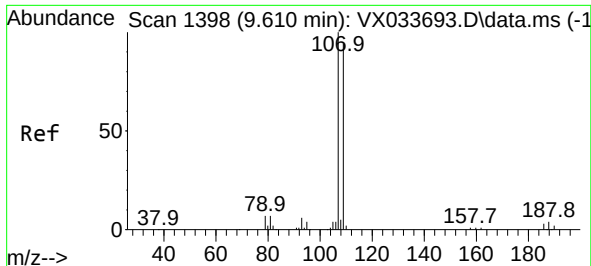
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#60
Dibromochloromethane
Concen: 53.301 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion:129 Resp: 99474
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





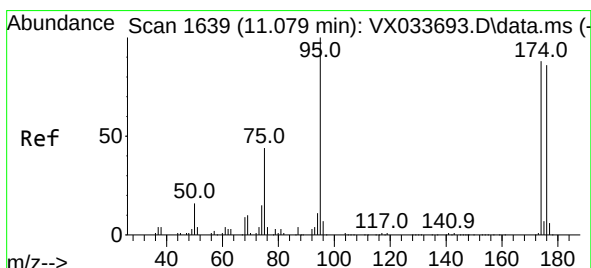
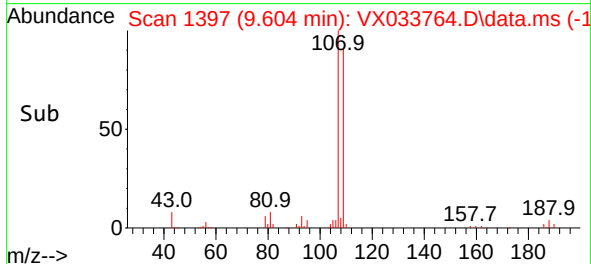
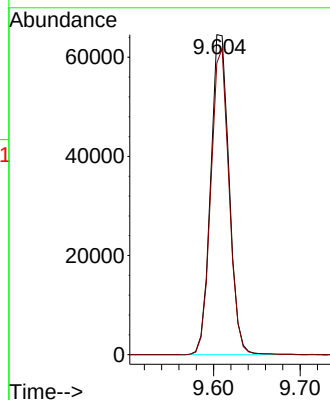
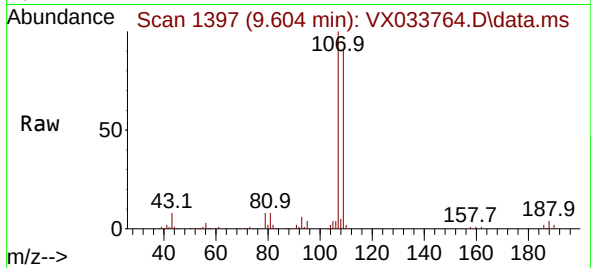
#61
1,2-Dibromoethane
Concen: 53.260 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 9568
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.2

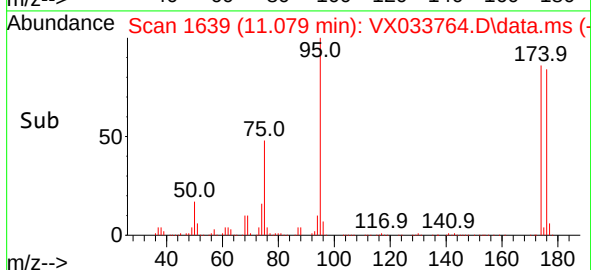
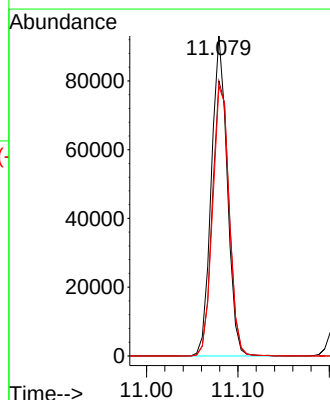
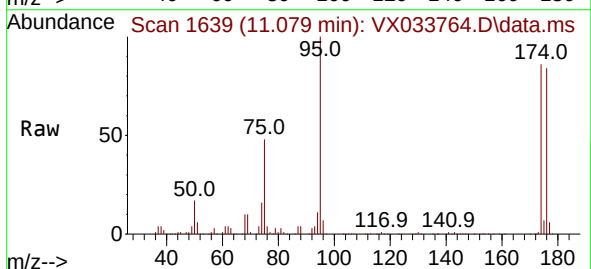
Manual Integrations
APPROVED

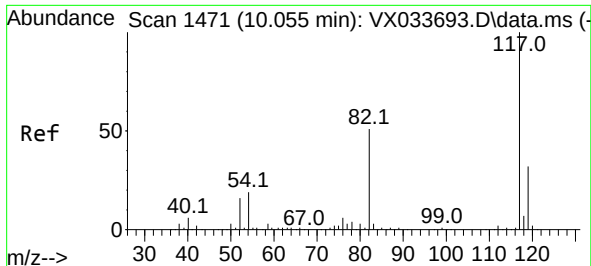
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#62
4-Bromofluorobenzene
Concen: 49.999 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

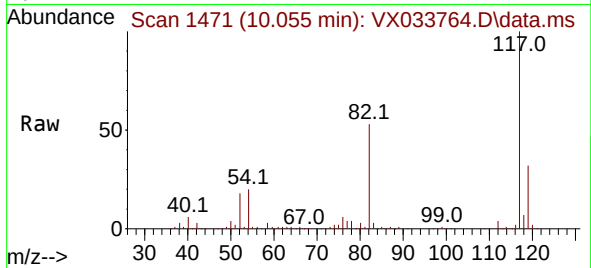
Tgt Ion: 95 Resp: 111968
Ion Ratio Lower Upper
95 100
174 90.3 0.0 184.4
176 88.2 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

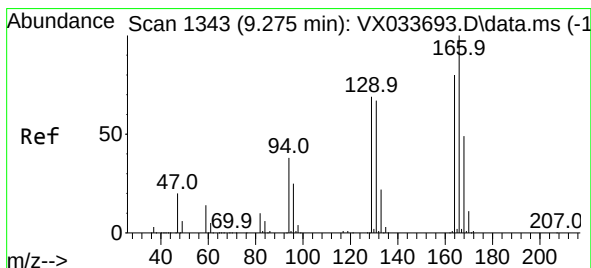
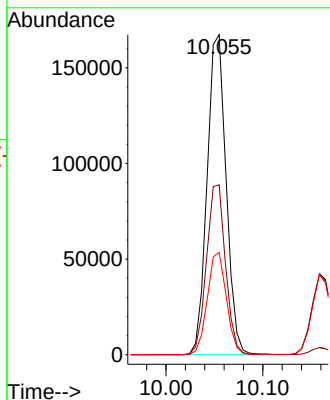
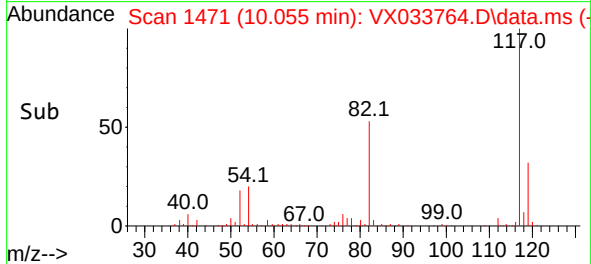
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 229074
Ion Ratio Lower Upper
117 100
82 53.1 40.6 60.8
119 32.0 25.6 38.4

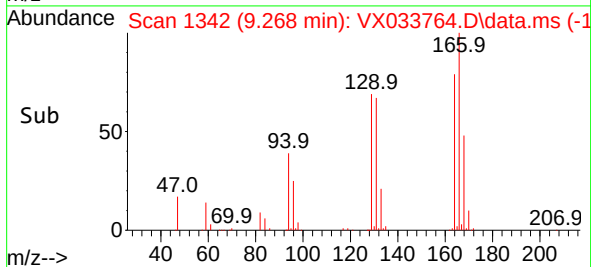
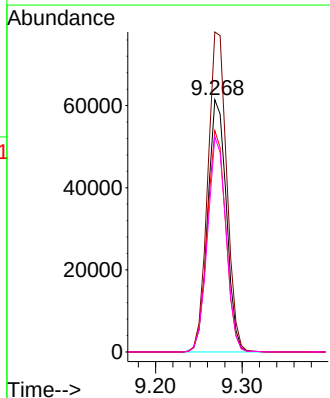
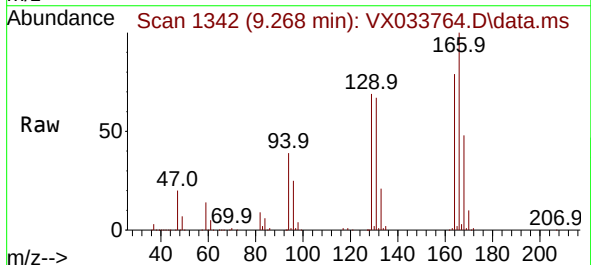
Manual Integrations
APPROVED

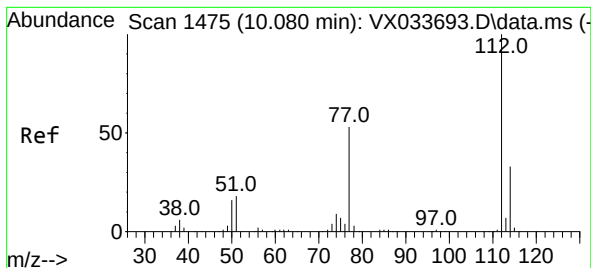
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#64
Tetrachloroethene
Concen: 57.120 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

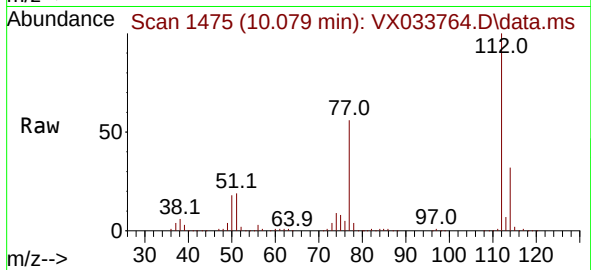
Tgt Ion:164 Resp: 91775
Ion Ratio Lower Upper
164 100
166 126.9 100.2 150.2
129 87.8 69.2 103.8
131 85.4 67.2 100.8





#65
Chlorobenzene
Concen: 50.919 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

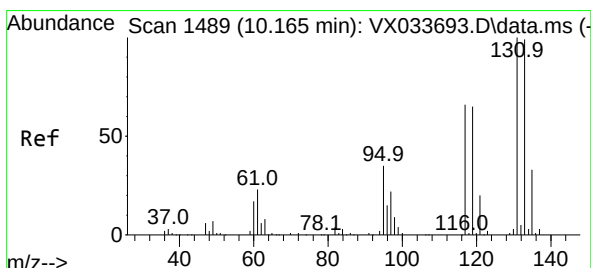
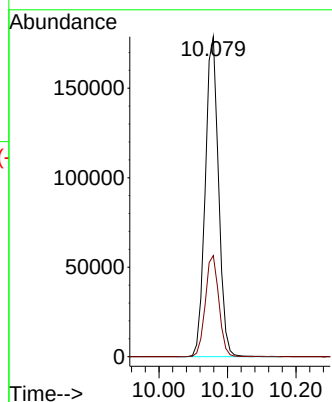
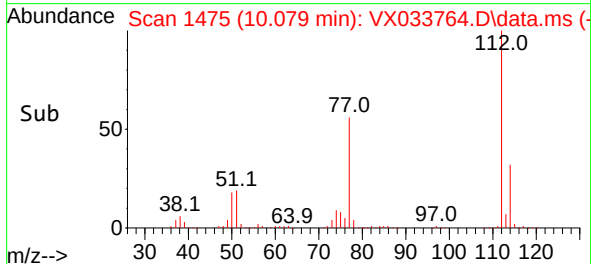
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



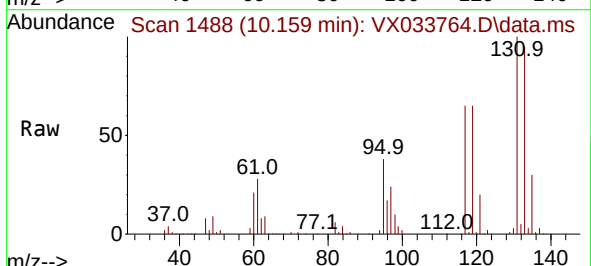
Tgt Ion:112 Resp: 241472
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4

Manual Integrations
APPROVED

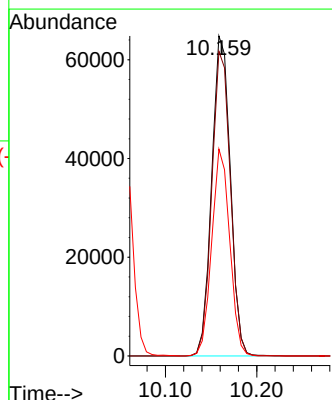
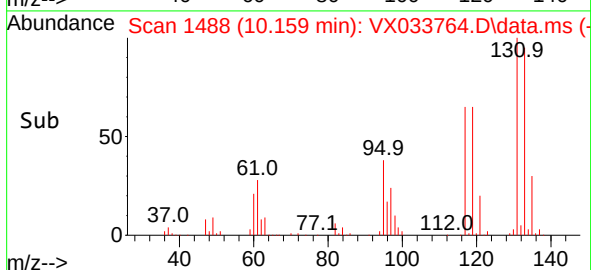
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

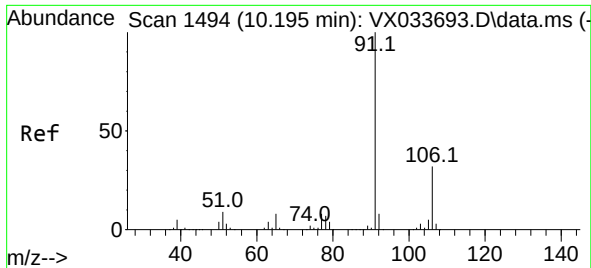


#66
1,1,1,2-Tetrachloroethane
Concen: 52.455 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25



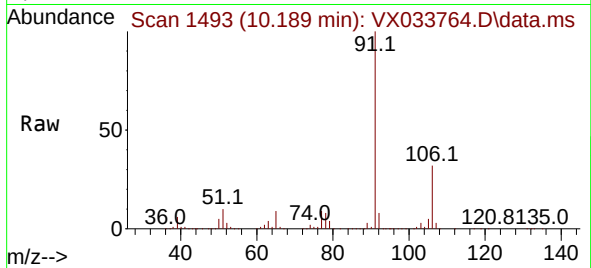
Tgt Ion:131 Resp: 91548
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 62.7 31.9 95.7





#67
Ethyl Benzene
Concen: 53.198 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

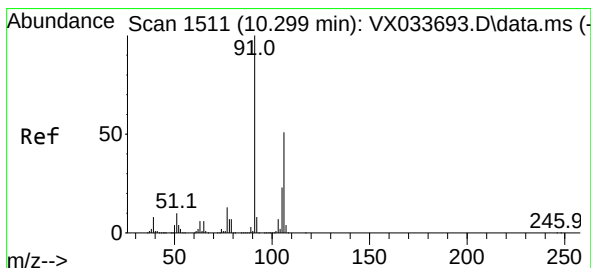
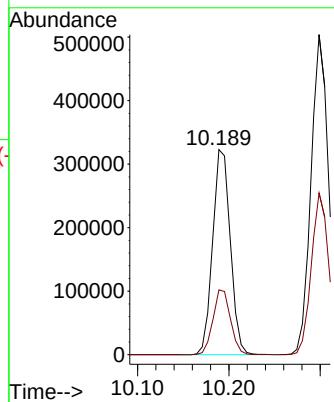
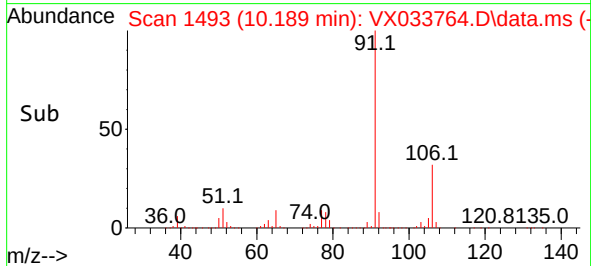
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 43315
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8

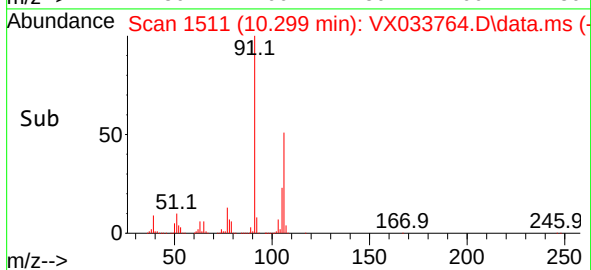
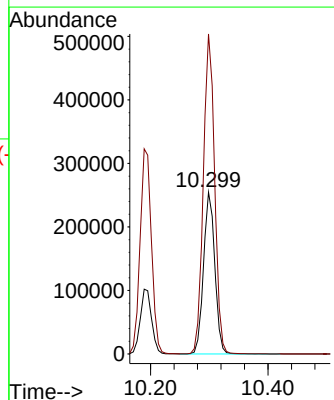
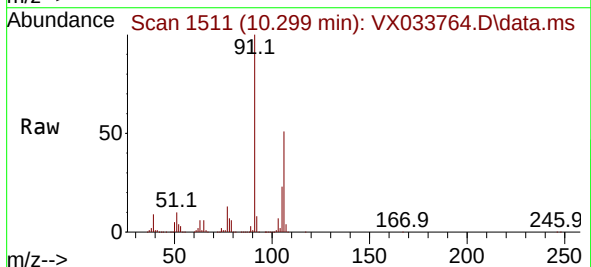
Manual Integrations
APPROVED

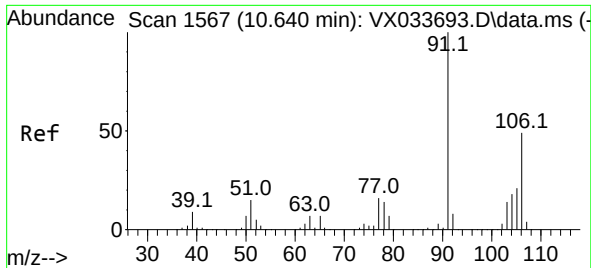
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#68
m/p-Xylenes
Concen: 106.763 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion:106 Resp: 340012
Ion Ratio Lower Upper
106 100
91 198.4 156.4 234.6





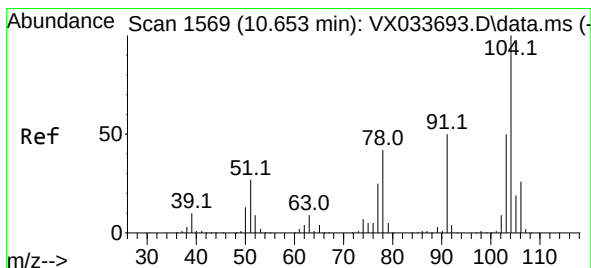
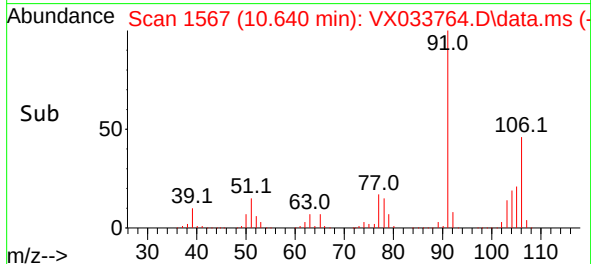
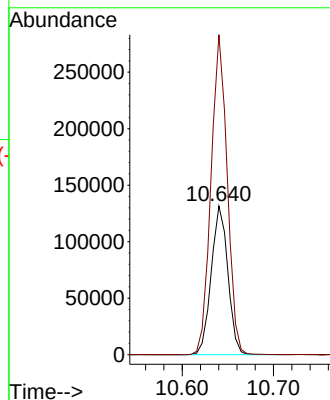
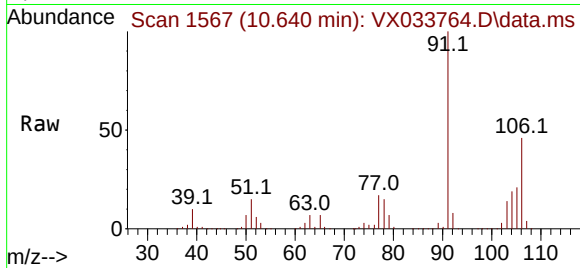
#69
o-Xylene
Concen: 52.561 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 166000
Ion Ratio Lower Upper
106 100
91 210.1 103.1 309.3

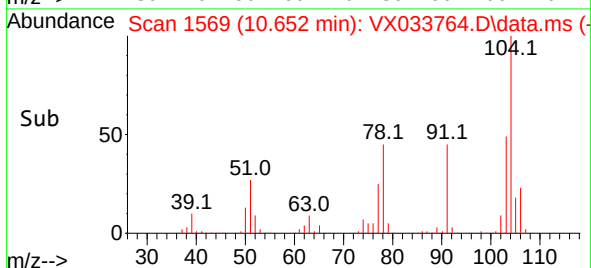
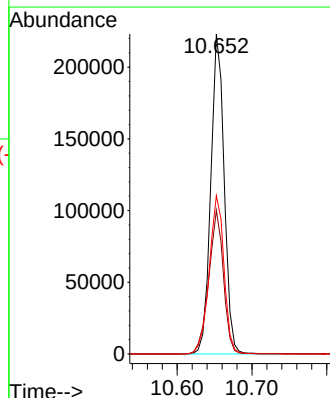
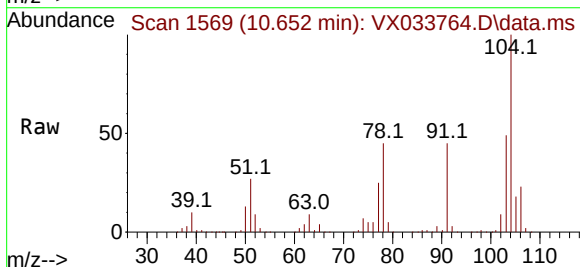
Manual Integrations
APPROVED

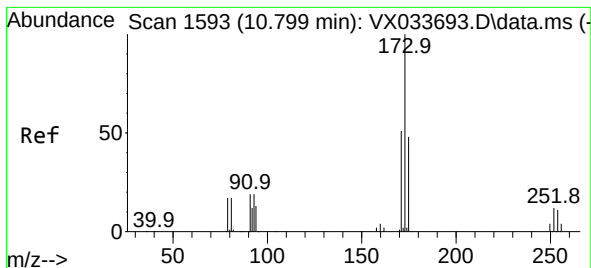
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#70
Styrene
Concen: 54.283 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion:104 Resp: 278823
Ion Ratio Lower Upper
104 100
78 49.0 37.5 56.3
103 54.6 43.3 64.9





#71

Bromoform

Concen: 49.552 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

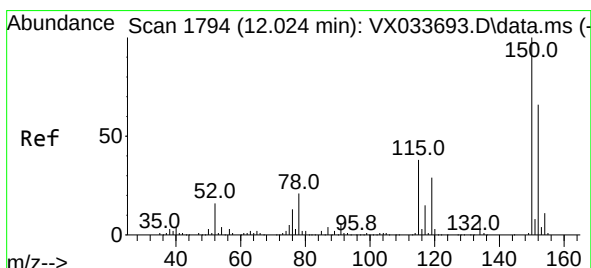
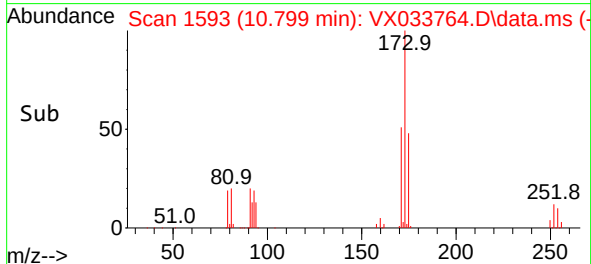
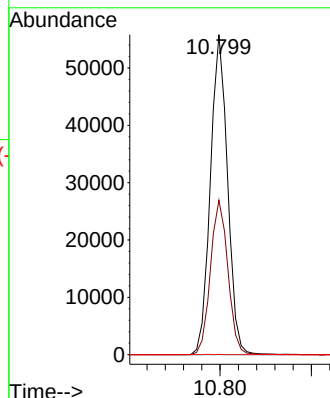
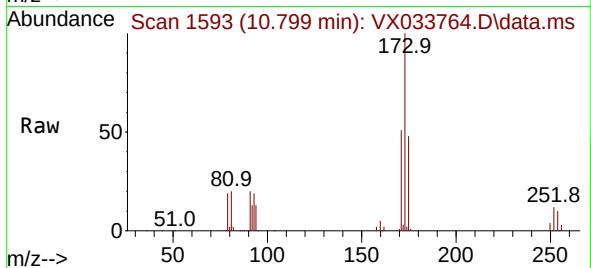
Tgt Ion:173	Resp:	72468
Ion Ratio	Lower	Upper
173	100	
175	49.2	24.1 72.3
254	0.1	0.1 0.1

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

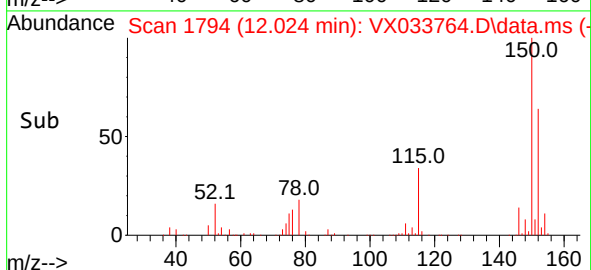
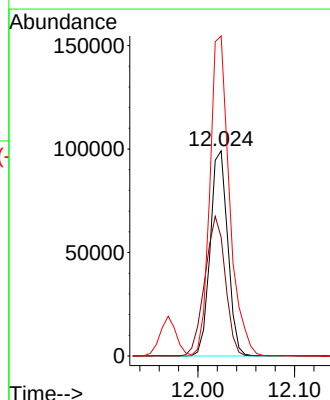
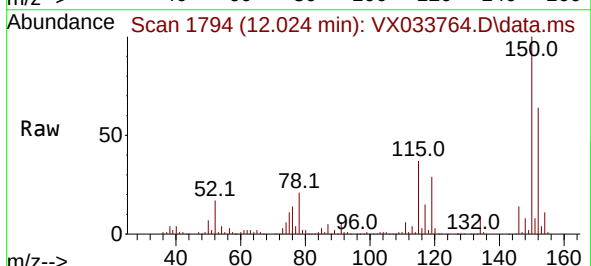
RT: 12.024 min Scan# 1794

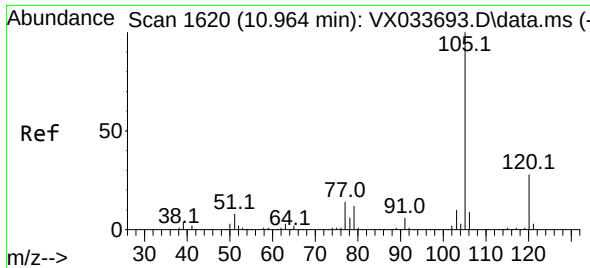
Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Tgt Ion:152	Resp:	125048
Ion Ratio	Lower	Upper
152	100	
115	79.7	38.7 116.1
150	174.4	0.0 348.2





#73
Isopropylbenzene
Concen: 54.691 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

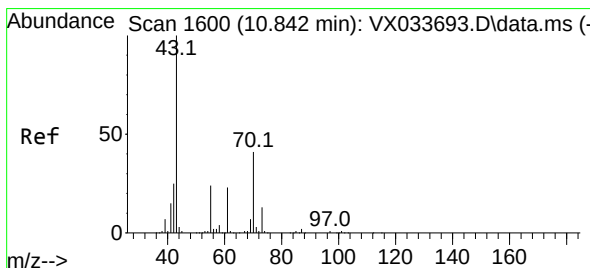
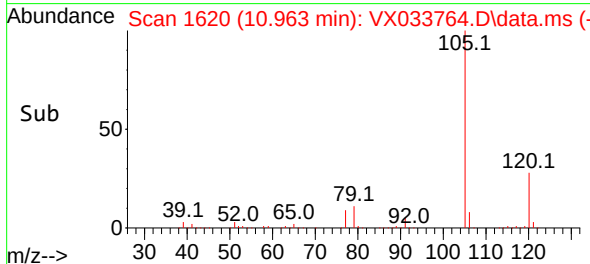
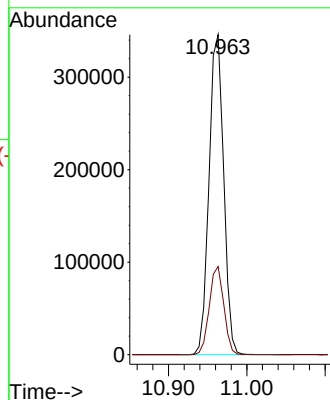
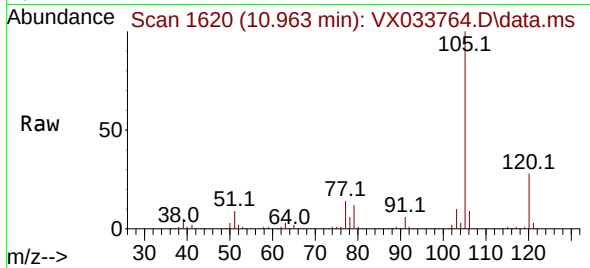
VSTDCCC050EC

Tgt Ion:105 Resp: 44808
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.8

Manual Integrations

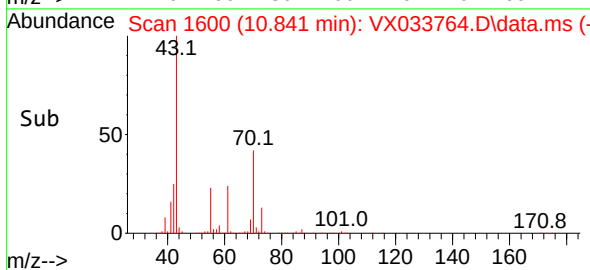
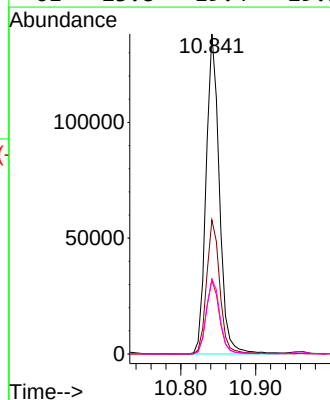
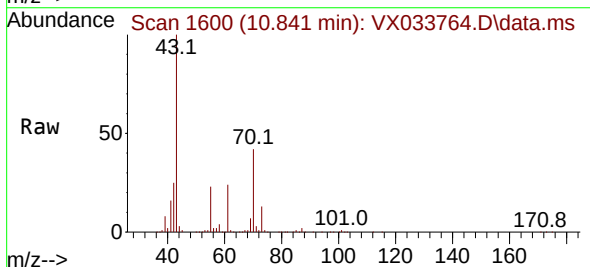
APPROVED

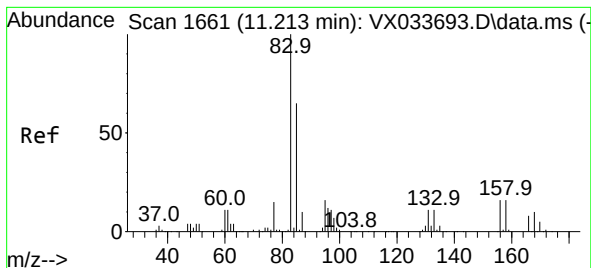
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#74
N-ethyl acetate
Concen: 51.979 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion: 43 Resp: 170683
Ion Ratio Lower Upper
43 100
70 41.8 34.8 52.2
55 23.3 19.4 29.0
61 23.8 19.4 29.2





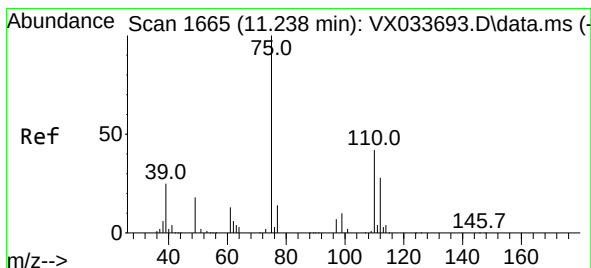
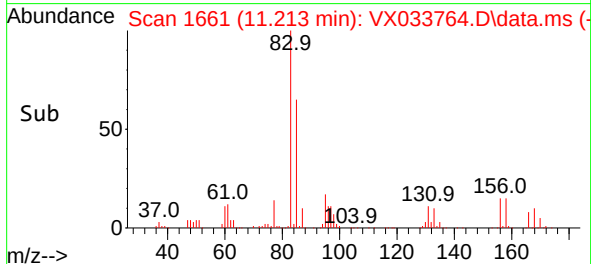
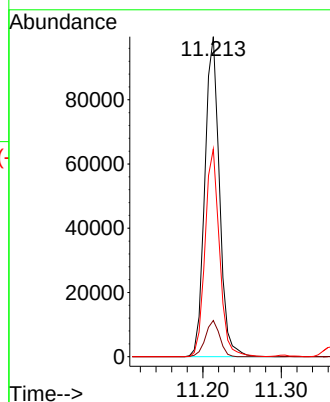
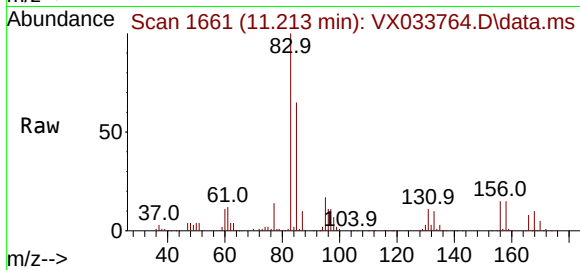
#75
1,1,2,2-Tetrachloroethane
Concen: 53.825 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 12887
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.7
85 64.2 32.3 96.9

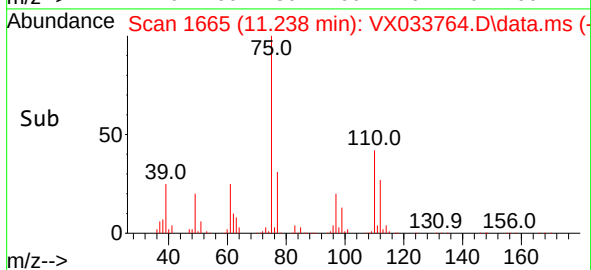
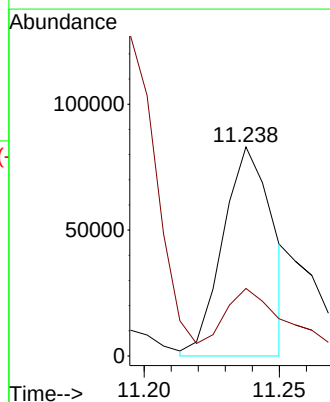
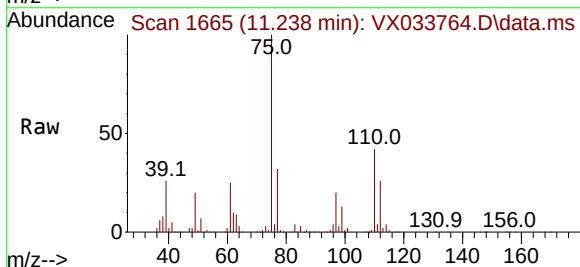
Manual Integrations
APPROVED

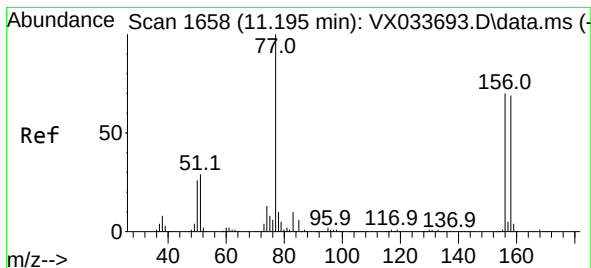
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#76
1,2,3-Trichloropropane
Concen: 46.146 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion: 75 Resp: 106024
Ion Ratio Lower Upper
75 100
77 42.0 21.8 65.4





#77

Bromobenzene

Concen: 52.018 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 115292

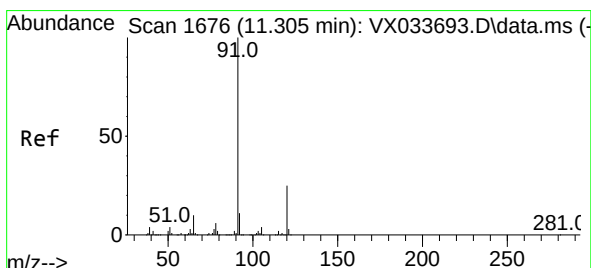
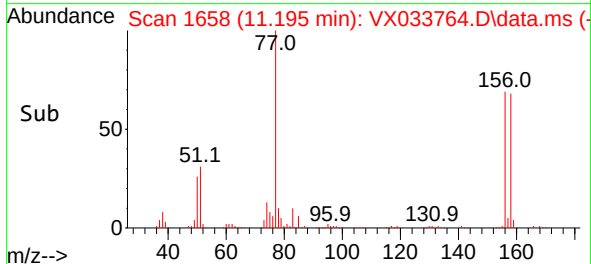
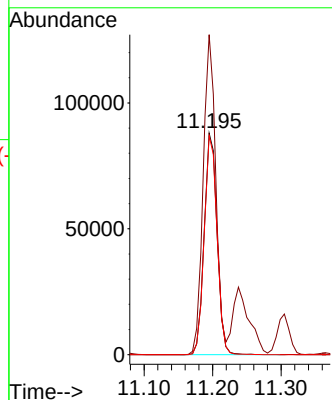
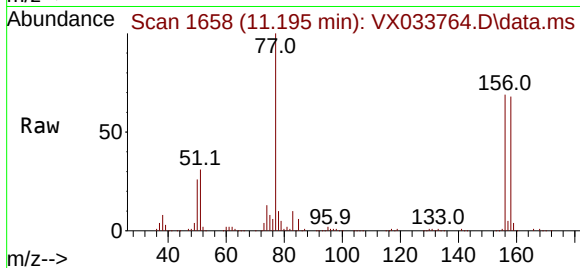
Ion	Ratio	Lower	Upper
156	100		
77	141.2	68.1	204.3
158	98.4	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#78

n-propylbenzene

Concen: 49.971 ug/l

RT: 11.305 min Scan# 1676

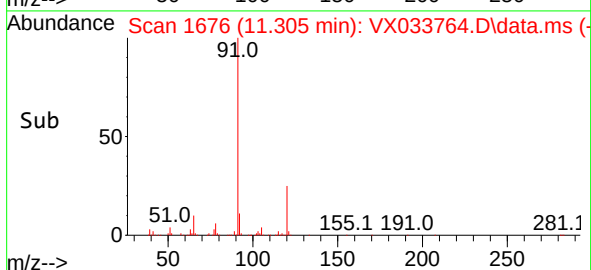
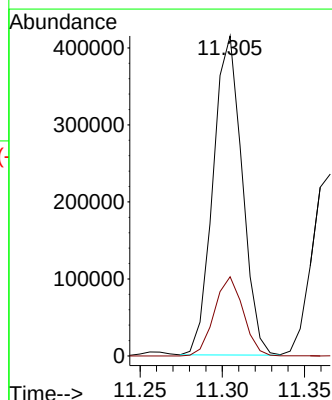
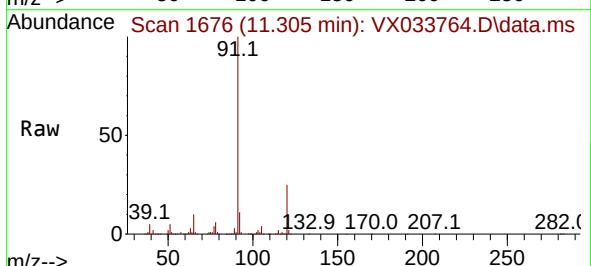
Delta R.T. -0.000 min

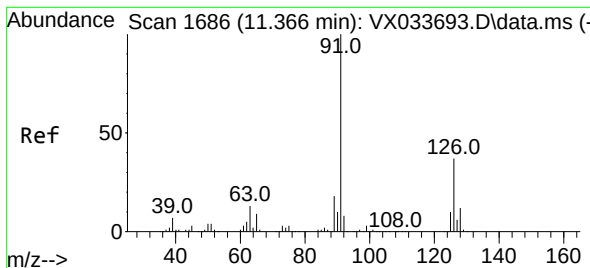
Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Tgt Ion: 91 Resp: 509905

Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.3	36.8





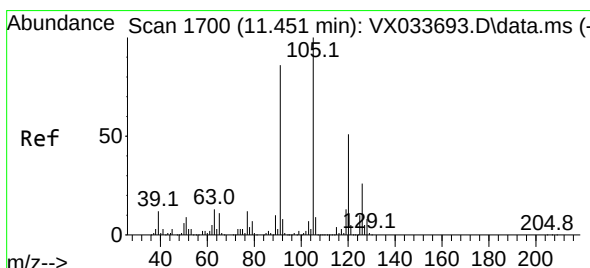
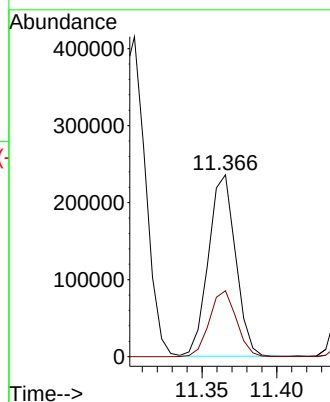
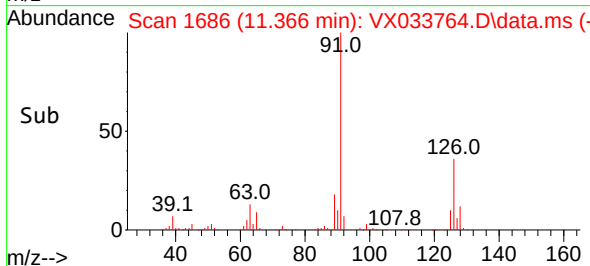
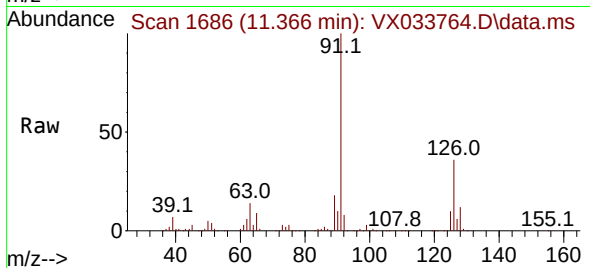
#79
2-Chlorotoluene
Concen: 54.229 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 29754
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.1

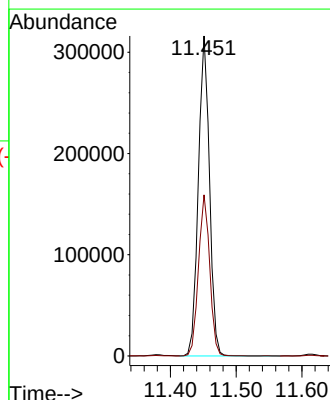
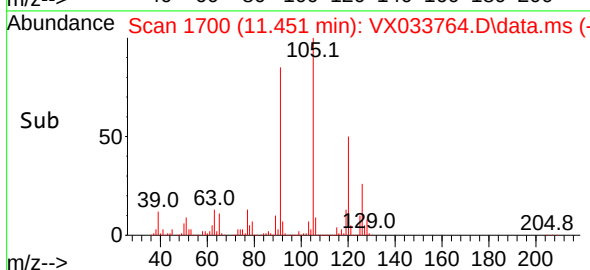
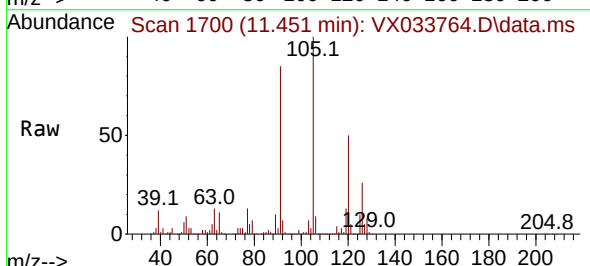
Manual Integrations
APPROVED

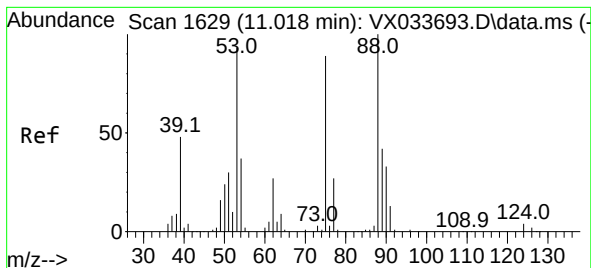
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.468 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

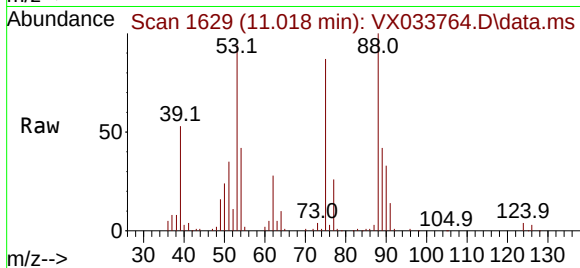
Tgt Ion:105 Resp: 372225
Ion Ratio Lower Upper
105 100
120 50.8 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.911 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

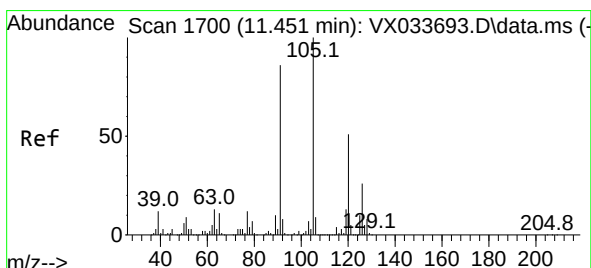
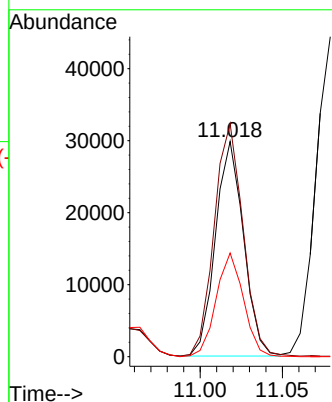
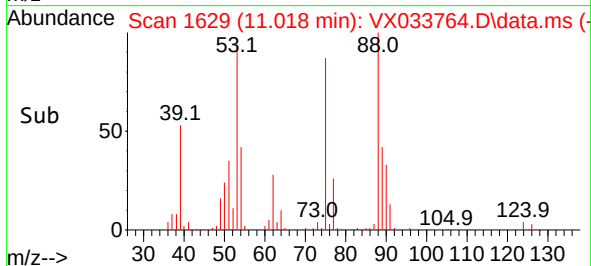
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 35419
Ion Ratio Lower Upper
75 100
53 111.9 83.0 124.6
89 47.1 37.7 56.5

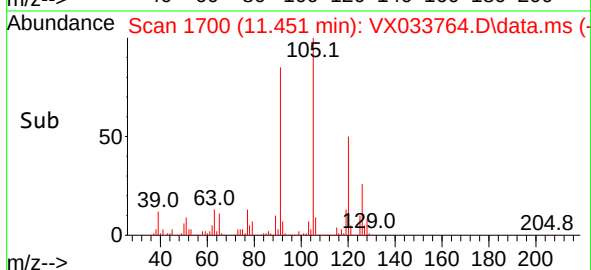
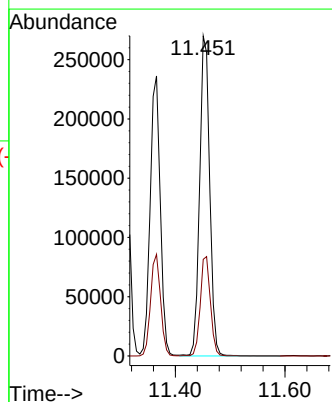
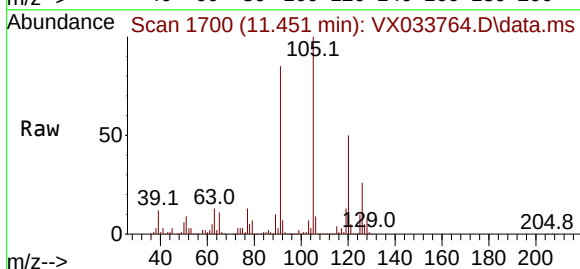
Manual Integrations
APPROVED

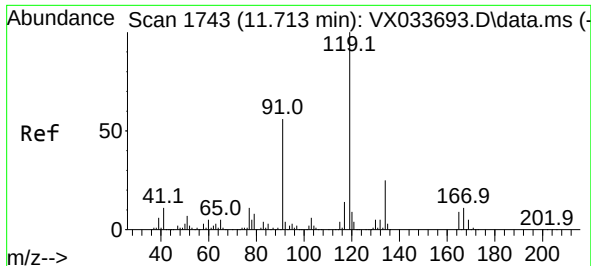
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#82
4-Chlorotoluene
Concen: 55.102 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

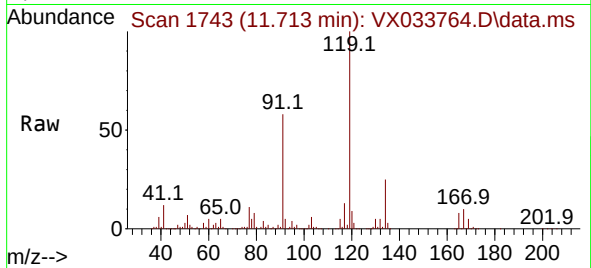
Tgt Ion: 91 Resp: 345726
Ion Ratio Lower Upper
91 100
126 31.2 15.8 47.4





#83
tert-Butylbenzene
Concen: 50.629 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

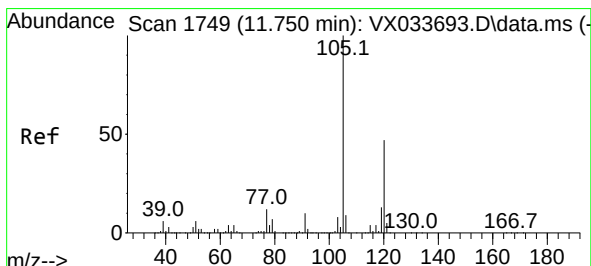
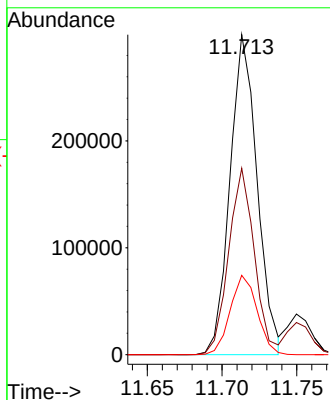
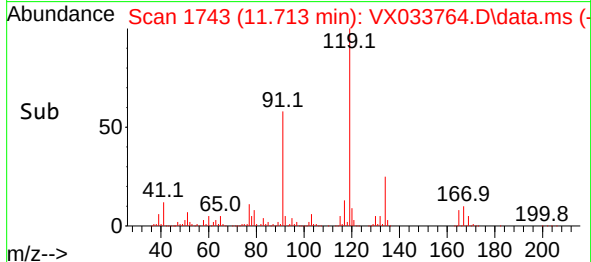
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



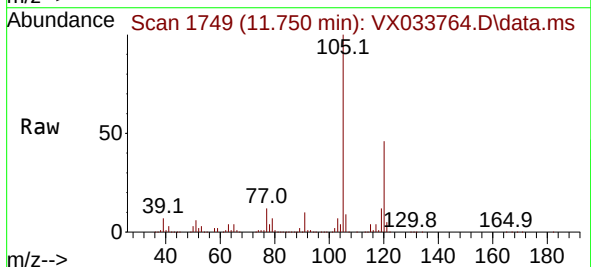
Tgt Ion:119 Resp: 378262
Ion Ratio Lower Upper
119 100
91 55.3 26.9 80.7
134 24.6 12.3 36.8

Manual Integrations
APPROVED

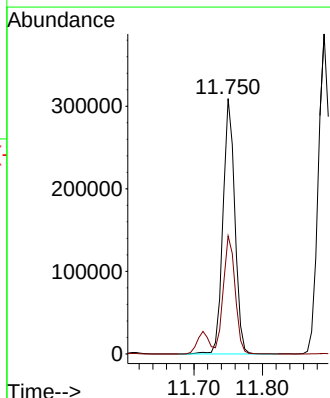
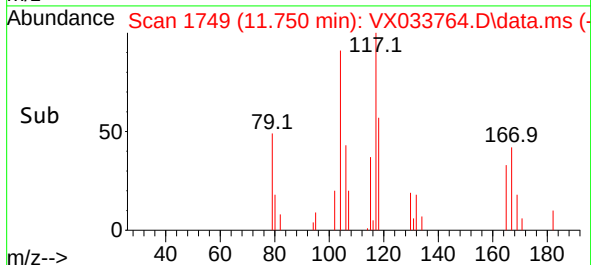
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

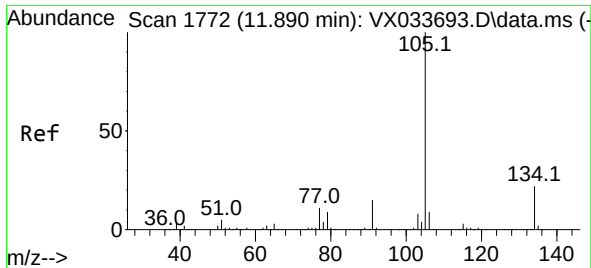


#84
1,2,4-Trimethylbenzene
Concen: 51.838 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25



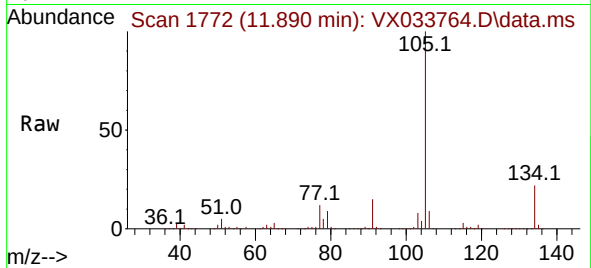
Tgt Ion:105 Resp: 368969
Ion Ratio Lower Upper
105 100
120 45.9 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 51.906 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033764.D
 Acq: 17 Jan 2023 17:25

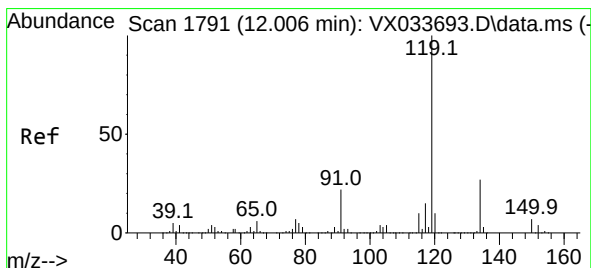
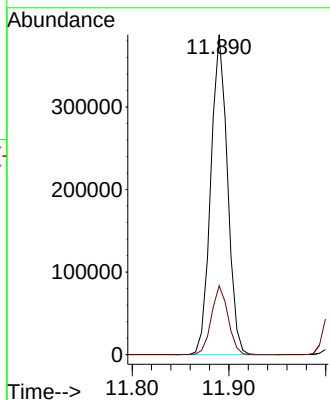
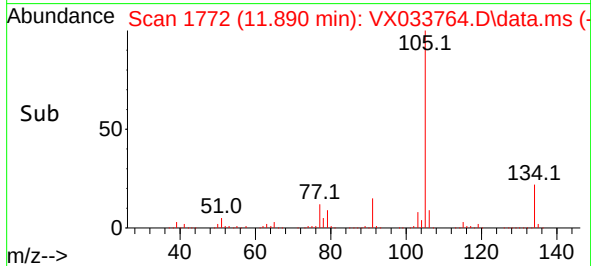
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



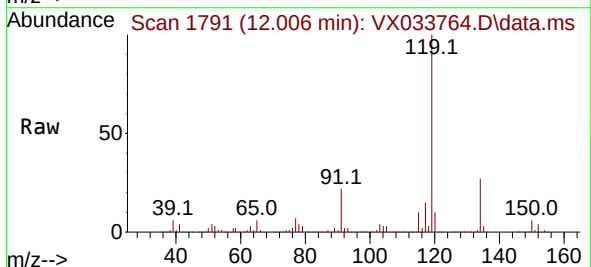
Tgt Ion:105 Resp: 46384
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.3

Manual Integrations
 APPROVED

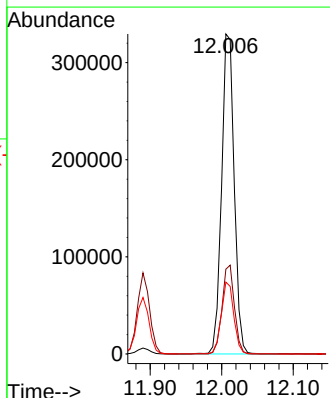
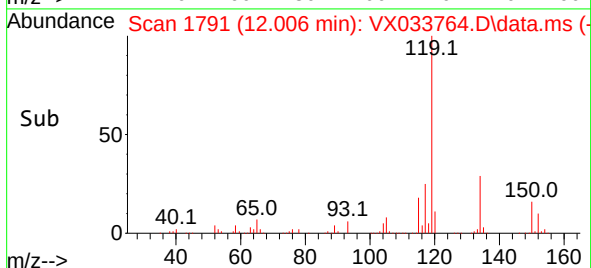
Reviewed By :John Carlone 01/18/2023
 Supervised By :Mahesh Dadoda 01/18/2023

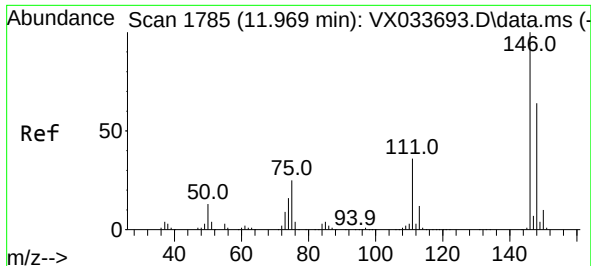


#86
 p-Isopropyltoluene
 Concen: 52.859 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033764.D
 Acq: 17 Jan 2023 17:25



Tgt Ion:119 Resp: 404407
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.8
 91 22.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 50.644 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 21398

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.6

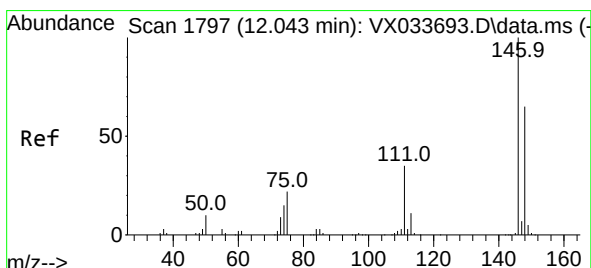
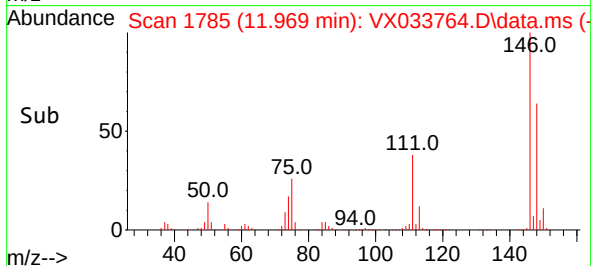
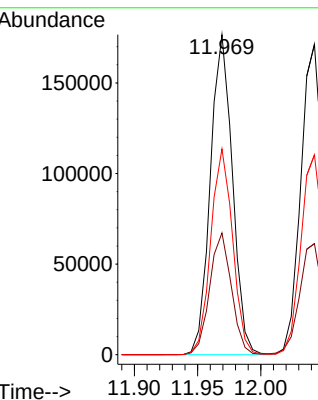
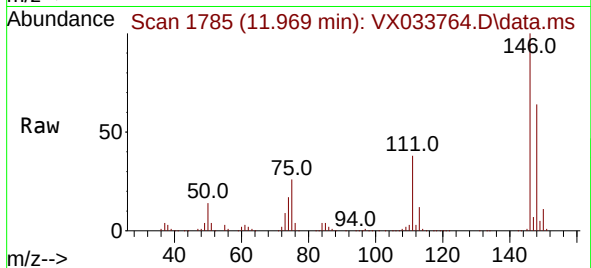
148 63.8 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#88

1,4-Dichlorobenzene

Concen: 50.041 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

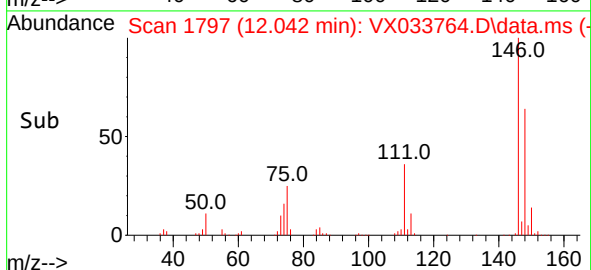
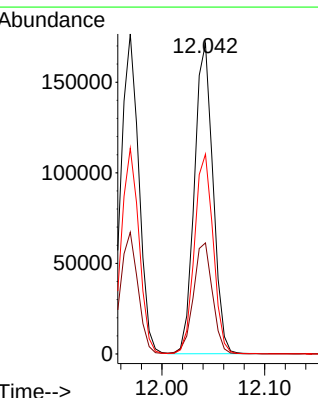
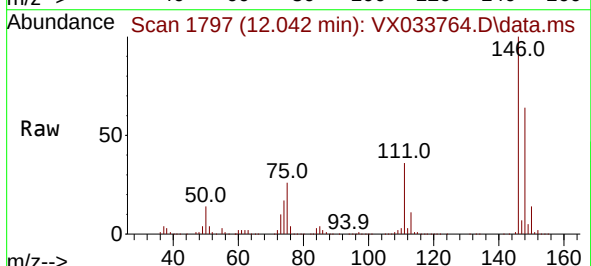
Tgt Ion:146 Resp: 215388

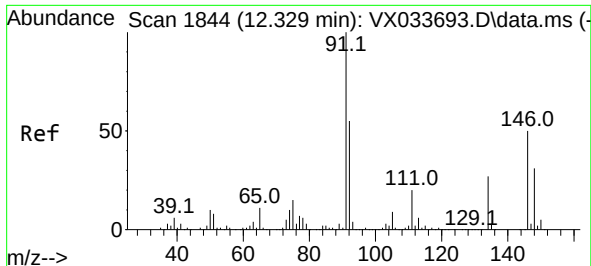
Ion Ratio Lower Upper

146 100

111 36.8 17.8 53.4

148 64.7 32.1 96.3





#89

n-Butylbenzene

Concen: 54.824 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 34314

Ion Ratio Lower Upper

91 100

92 54.7 27.5 82.5

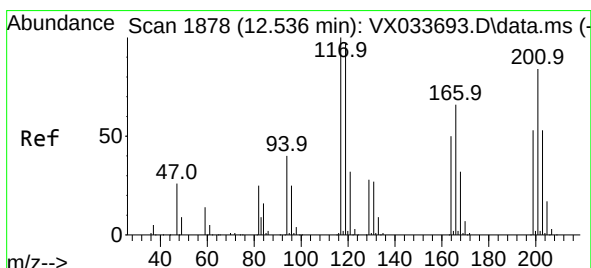
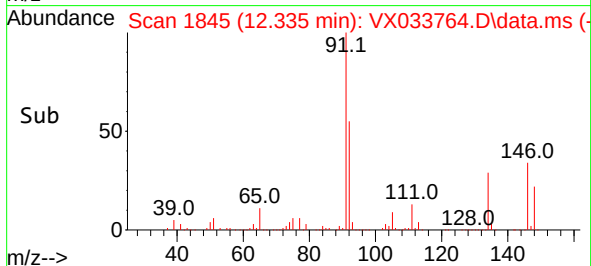
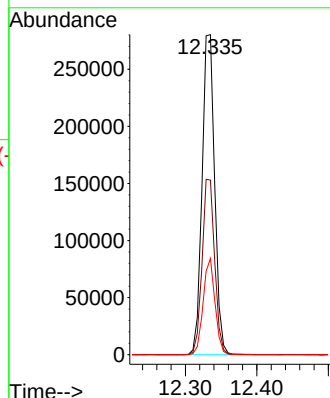
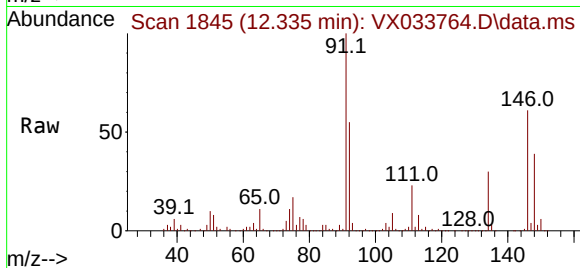
134 28.2 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#90

Hexachloroethane

Concen: 49.725 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX033764.D

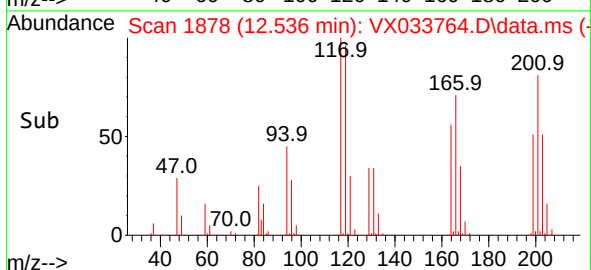
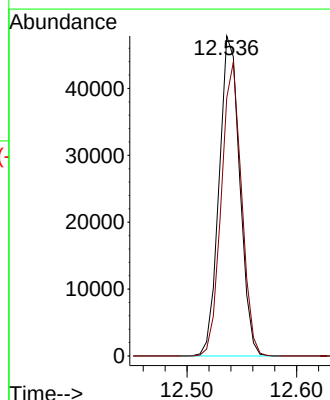
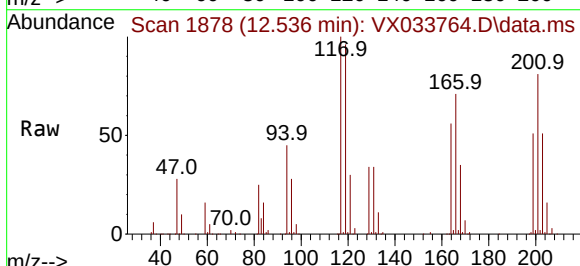
Acq: 17 Jan 2023 17:25

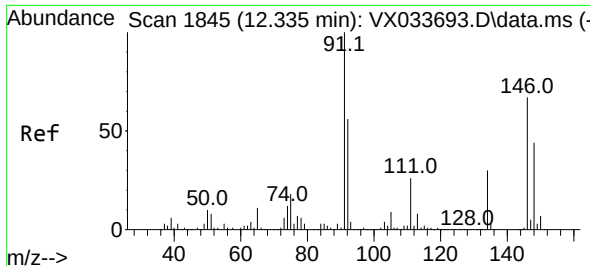
Tgt Ion:117 Resp: 62579

Ion Ratio Lower Upper

117 100

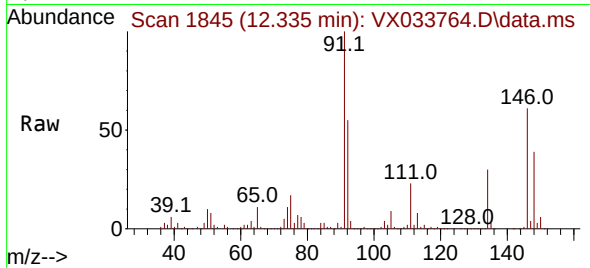
201 89.6 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 51.403 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

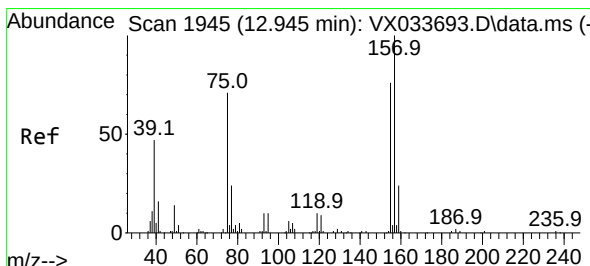
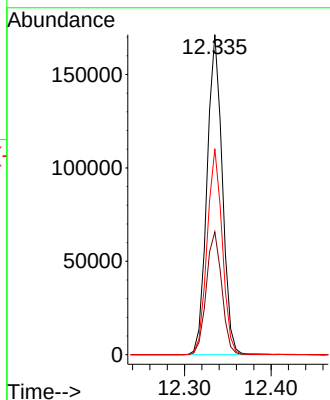
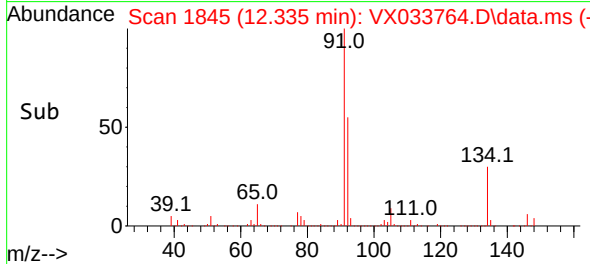
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



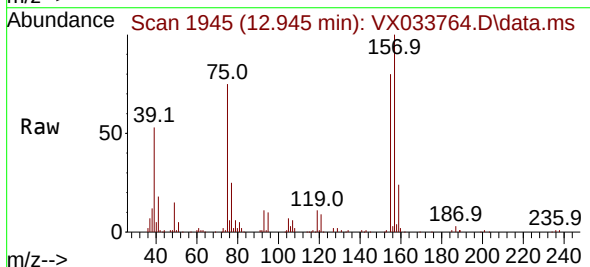
Tgt Ion:146 Resp: 20958
Ion Ratio Lower Upper
146 100
111 38.9 19.3 57.8
148 63.7 32.3 96.9

Manual Integrations
APPROVED

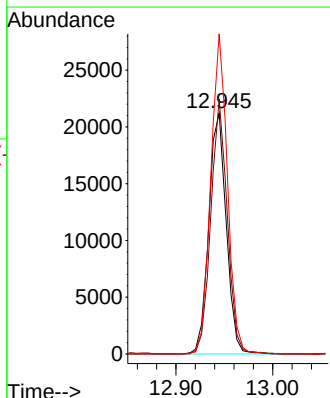
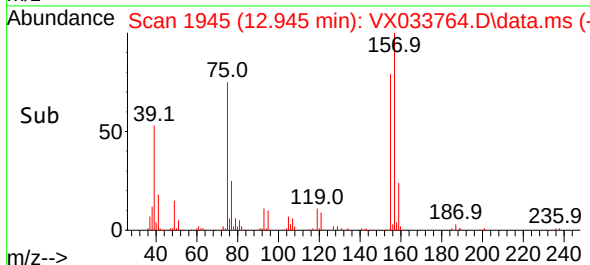
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023

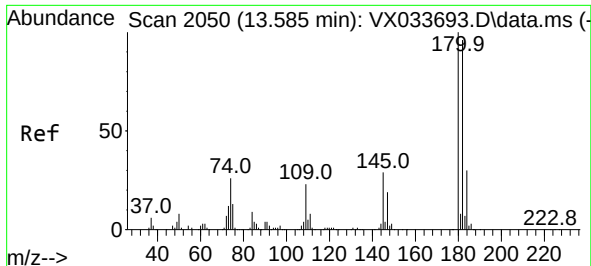


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.074 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25



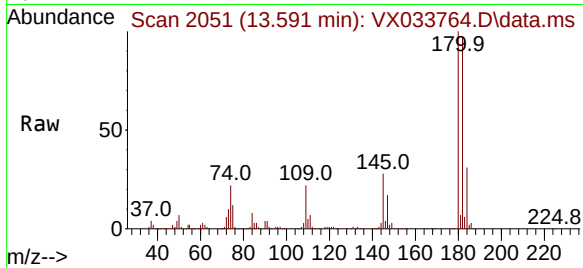
Tgt Ion: 75 Resp: 26572
Ion Ratio Lower Upper
75 100
155 99.9 51.7 155.1
157 127.1 67.5 202.3





#93
1,2,4-Trichlorobenzene
Concen: 54.777 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

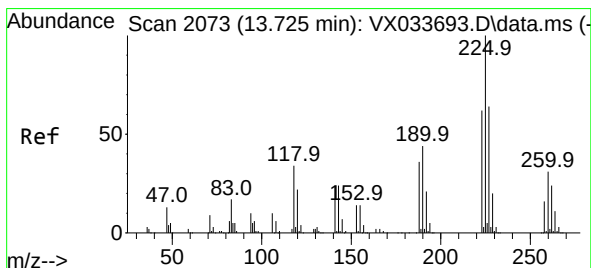
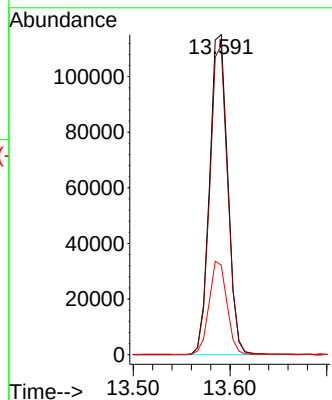
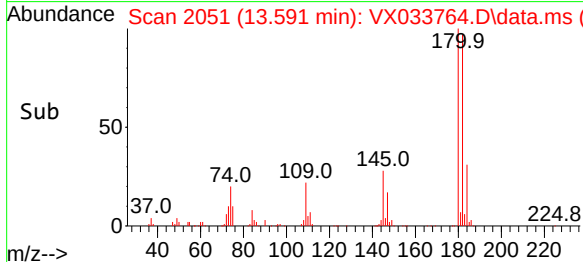
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 15044
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.6
145 28.9 14.1 42.2

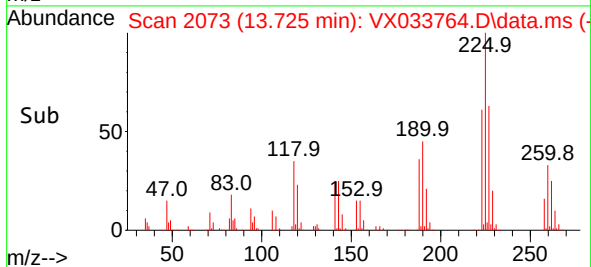
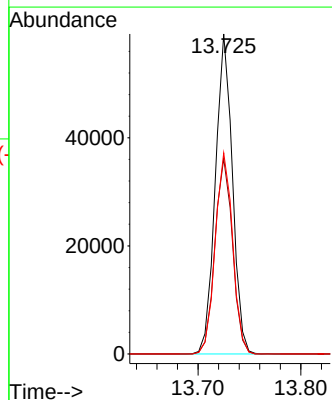
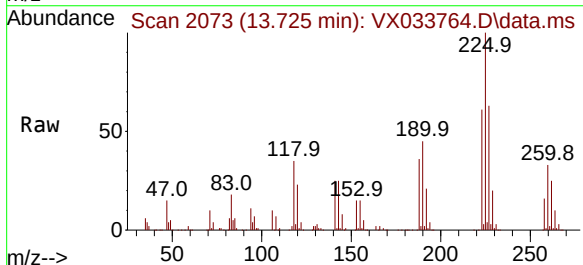
Manual Integrations
APPROVED

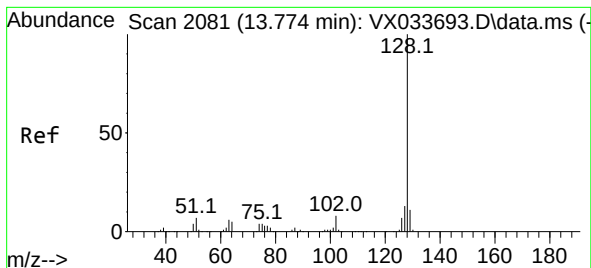
Reviewed By :John Carlone 01/18/2023
Supervised By :Mahesh Dadoda 01/18/2023



#94
Hexachlorobutadiene
Concen: 50.494 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033764.D
Acq: 17 Jan 2023 17:25

Tgt Ion:225 Resp: 67931
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.9
227 64.3 32.3 96.9





#95

Naphthalene

Concen: 54.699 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 432199

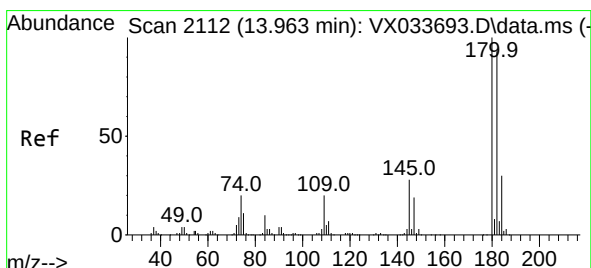
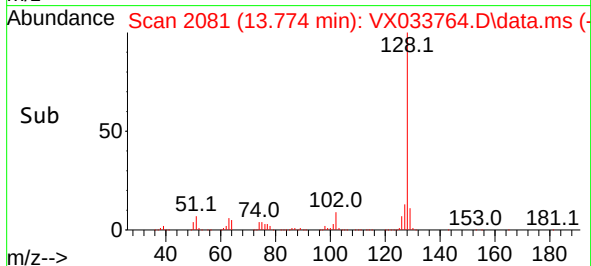
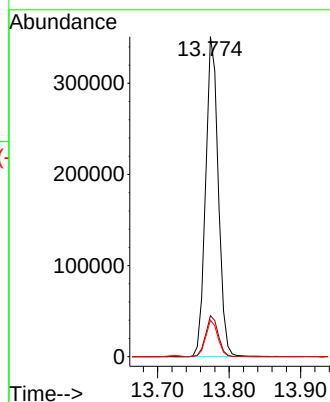
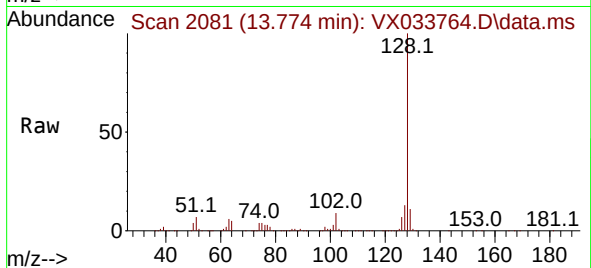
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/18/2023

Supervised By :Mahesh Dadoda 01/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 53.203 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX033764.D

Acq: 17 Jan 2023 17:25

Tgt Ion:180 Resp: 146210

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.9
145	30.4	15.1	45.3

