

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025769.D
 Acq On : 14 Dec 2021 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 07:00:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77467	46.712	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.420%			
35) Dibromofluoromethane	5.391	113	66312	50.920	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.840%			
50) Toluene-d8	8.653	98	241117	50.816	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.640%			
62) 4-Bromofluorobenzene	11.079	95	94181	52.253	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52889	51.308	ug/l	98
3) Chloromethane	1.295	50	65203	48.577	ug/l	98
4) Vinyl Chloride	1.374	62	70236	49.194	ug/l	99
5) Bromomethane	1.599	94	49475	48.531	ug/l	97
6) Chloroethane	1.685	64	47488	45.922	ug/l	96
7) Trichlorofluoromethane	1.886	101	116498	49.398	ug/l	97
8) Diethyl Ether	2.136	74	43406	46.658	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	64115	52.243	ug/l	99
10) Methyl Iodide	2.453	142	70761	45.252	ug/l	99
11) Tert butyl alcohol	2.971	59	67263	202.192	ug/l	100
12) 1,1-Dichloroethene	2.319	96	58770	48.164	ug/l	100
13) Acrolein	2.239	56	51768	227.664	ug/l	97
14) Allyl chloride	2.666	41	104259	46.817	ug/l	100
15) Acrylonitrile	3.062	53	174818	225.105	ug/l	100
16) Acetone	2.380	43	224667	318.870	ug/l	98
17) Carbon Disulfide	2.514	76	172541	49.366	ug/l	99
18) Methyl Acetate	2.703	43	114911	45.462	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	209420	48.592	ug/l	99
20) Methylene Chloride	2.788	84	68220	47.997	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	65515	48.110	ug/l	99
22) Diisopropyl ether	3.764	45	209485	48.495	ug/l	94
23) Vinyl Acetate	3.721	43	835713	250.005	ug/l	99
24) 1,1-Dichloroethane	3.611	63	116338	47.167	ug/l	97
25) 2-Butanone	4.556	43	283543	254.206	ug/l	96
26) 2,2-Dichloropropane	4.477	77	96262	51.455	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	75313	46.643	ug/l	99
28) Bromochloromethane	4.898	49	56929	51.218	ug/l	99
29) Tetrahydrofuran	5.007	42	161733	228.059	ug/l	99
30) Chloroform	5.093	83	127235	47.034	ug/l	98
31) Cyclohexane	5.471	56	105300	52.212	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	113967	48.406	ug/l	99
36) 1,1-Dichloropropene	5.696	75	91259	51.675	ug/l	98
37) Ethyl Acetate	4.715	43	95486	48.665	ug/l	99
38) Carbon Tetrachloride	5.678	117	106107	51.638	ug/l	99
39) Methylcyclohexane	7.385	83	111732	56.543	ug/l	98
40) Benzene	6.038	78	266214	50.533	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52171	48.045	ug/l	98
42) 1,2-Dichloroethane	6.086	62	99630	49.760	ug/l	99
43) Isopropyl Acetate	6.342	43	156565	49.528	ug/l	99
44) Trichloroethene	7.123	130	73582	50.170	ug/l	98
45) 1,2-Dichloropropane	7.434	63	65251	49.142	ug/l	97
46) Dibromomethane	7.580	93	50042	48.410	ug/l	99
47) Bromodichloromethane	7.824	83	102140	50.133	ug/l	97
48) Methyl methacrylate	7.696	41	74980	50.369	ug/l	99
49) 1,4-Dioxane	7.659	88	30090	925.890	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	504474	243.783	ug/l	100
52) Toluene	8.720	92	175499	52.284	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	105614	54.384	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	113918	53.612	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	70796	49.182	ug/l	97
56) Ethyl methacrylate	9.116	69	107455	51.978	ug/l	99
57) 1,3-Dichloropropane	9.311	76	117560	49.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	243613	241.806	ug/l	99
59) 2-Hexanone	9.433	43	410248	261.653	ug/l	99
60) Dibromochloromethane	9.525	129	84917	51.976	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78364	50.208	ug/l	100
64) Tetrachloroethene	9.275	164	73082	50.308	ug/l	99
65) Chlorobenzene	10.079	112	190430	50.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	73474	49.564	ug/l	99
67) Ethyl Benzene	10.195	91	336765	52.459	ug/l	98
68) m/p-Xylenes	10.305	106	267393	107.044	ug/l	99
69) o-Xylene	10.646	106	128335	52.224	ug/l	98
70) Styrene	10.659	104	219681	53.723	ug/l	99
71) Bromoform	10.799	173	64725	53.002	ug/l #	100
73) Isopropylbenzene	10.963	105	339690	50.163	ug/l	99
74) N-amyl acetate	10.848	43	133002	48.831	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107008	45.340	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	98132m	45.904	ug/l	
77) Bromobenzene	11.201	156	83316	47.966	ug/l	99
78) n-propylbenzene	11.305	91	399637	52.175	ug/l	100
79) 2-Chlorotoluene	11.366	91	236223	48.498	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	289932	51.624	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	34784	50.445	ug/l	100
82) 4-Chlorotoluene	11.457	91	272430	49.948	ug/l	100
83) tert-Butylbenzene	11.719	119	281466	51.129	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	290827	51.837	ug/l	100
85) sec-Butylbenzene	11.890	105	358088	54.118	ug/l	100
86) p-Isopropyltoluene	12.012	119	305264	54.934	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	161173	49.800	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	161887	48.994	ug/l	100
89) n-Butylbenzene	12.335	91	258443	55.755	ug/l	100
90) Hexachloroethane	12.542	117	56954	52.150	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	154578	50.014	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24935	47.015	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	89767	48.321	ug/l	98
94) Hexachlorobutadiene	13.725	225	36936	56.182	ug/l	97
95) Naphthalene	13.780	128	310745	48.816	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	91482	49.643	ug/l	98

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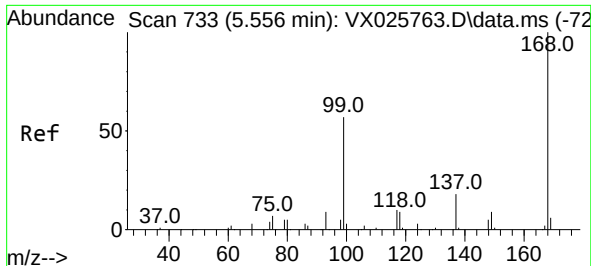
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
Response via : Initial Calibration

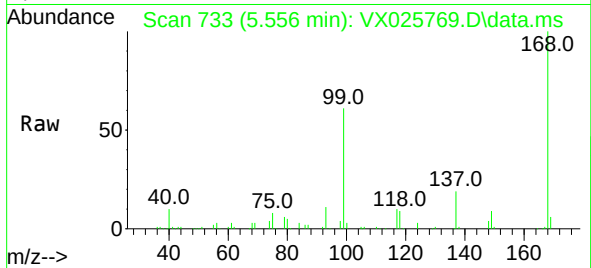
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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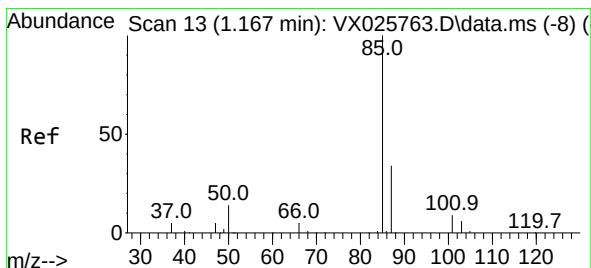
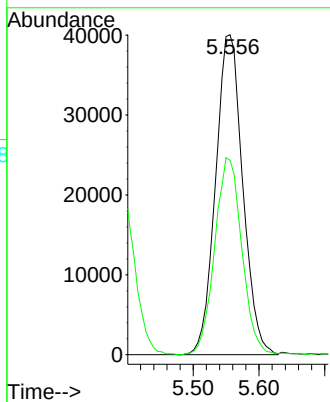
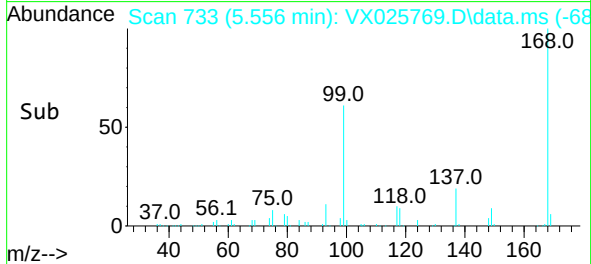
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 11526
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.8

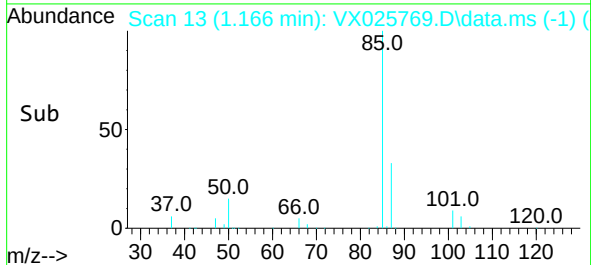
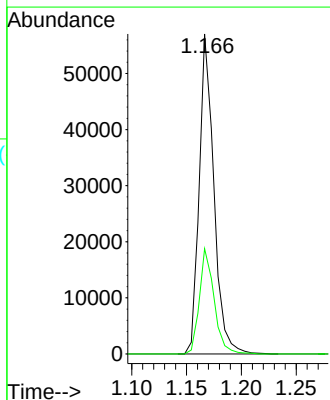
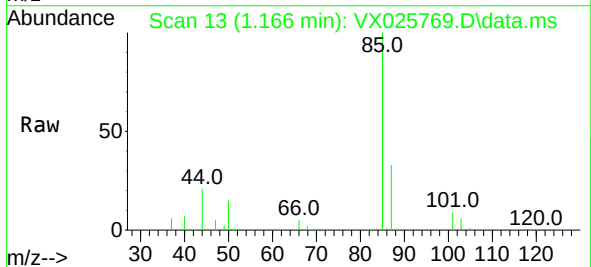
Manual Integrations
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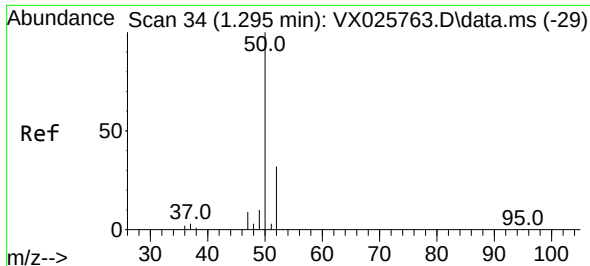
Reviewed By :John Carlone 12/15/2021
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#2
Dichlorodifluoromethane
Concen: 51.308 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

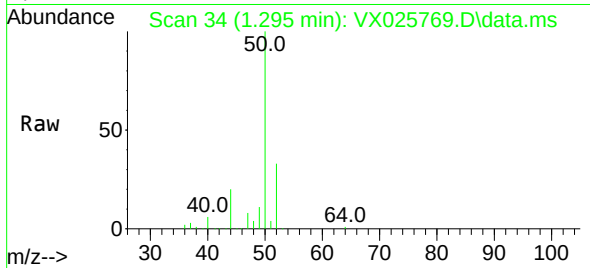
Tgt Ion: 85 Resp: 52889
Ion Ratio Lower Upper
85 100
87 32.9 17.0 50.9





#3
Chloromethane
Concen: 48.577 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

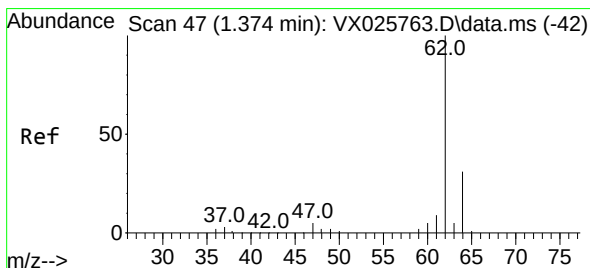
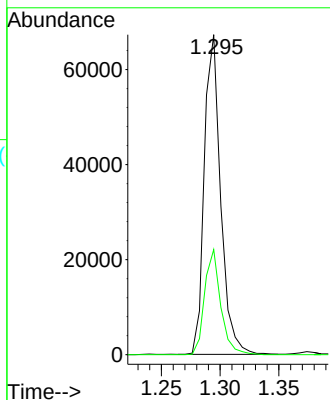
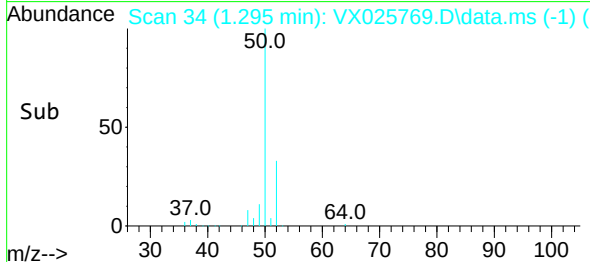
Instrument :
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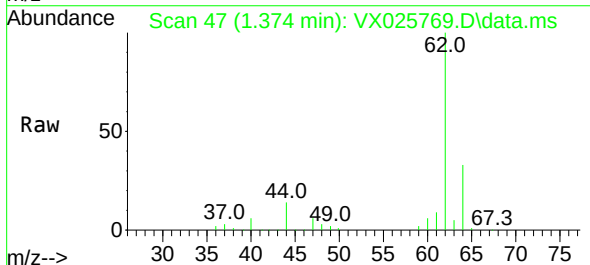
Tgt Ion: 50 Resp: 6520
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

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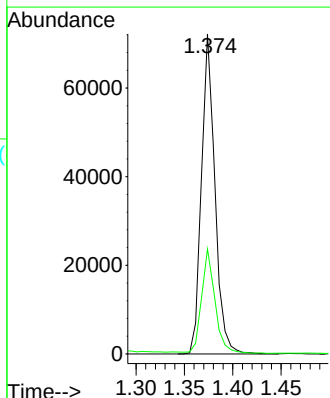
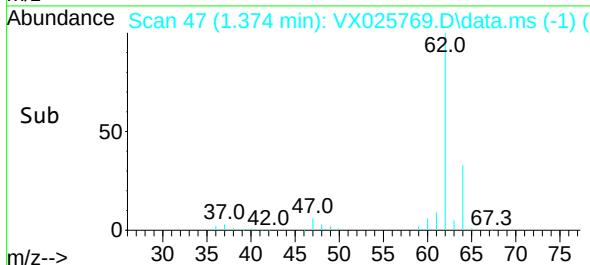
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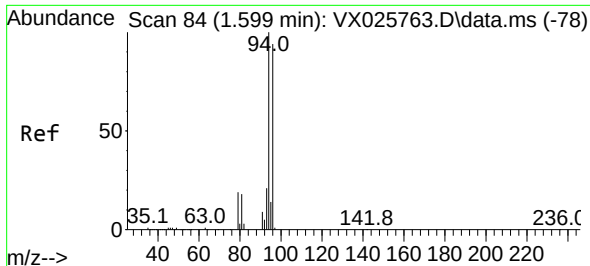


#4
Vinyl Chloride
Concen: 49.194 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



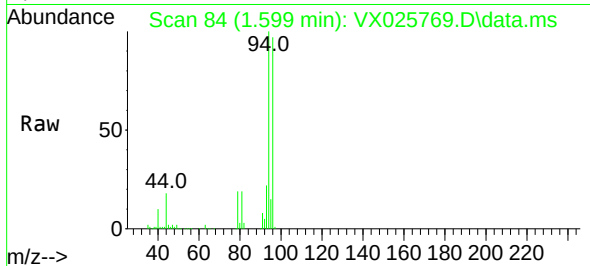
Tgt Ion: 62 Resp: 70236
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.2





#5
Bromomethane
Concen: 48.531 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

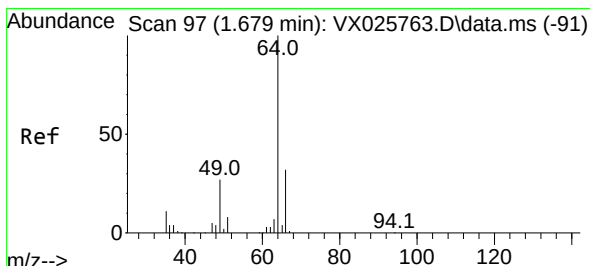
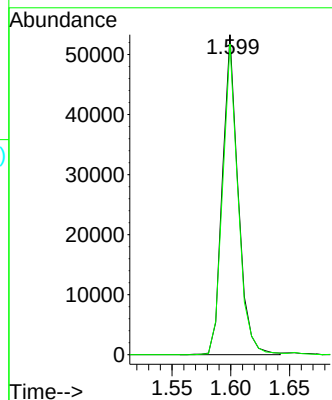
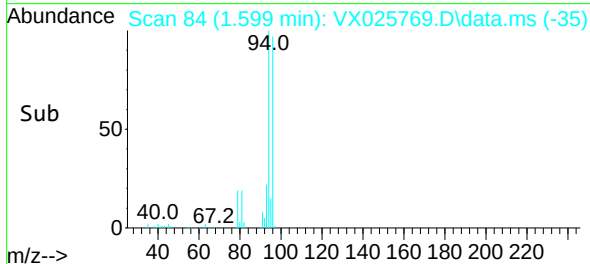
Instrument :
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Tgt Ion: 94 Resp: 49475
Ion Ratio Lower Upper
94 100
96 97.1 75.0 112.4

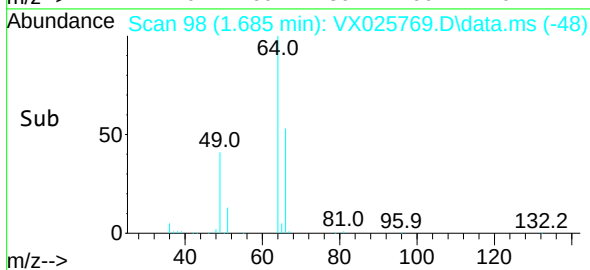
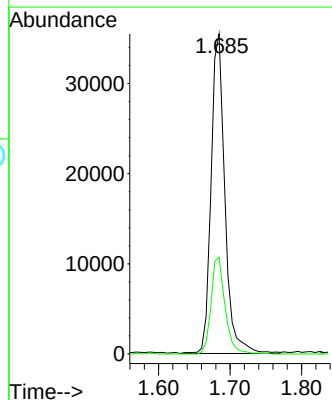
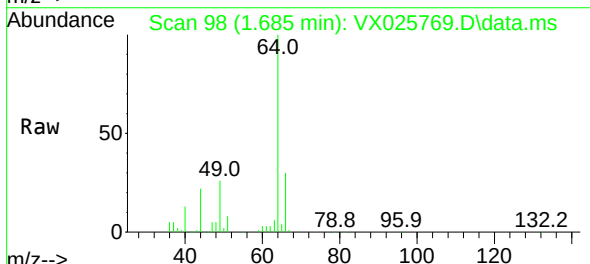
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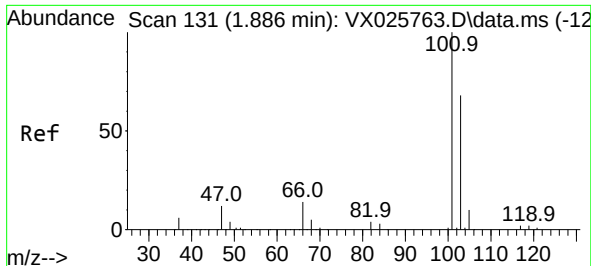
Reviewed By :John Carlone 12/15/2021
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#6
Chloroethane
Concen: 45.922 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

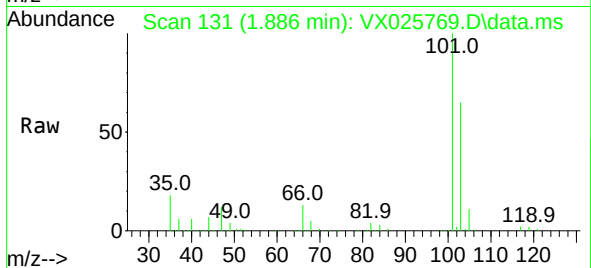
Tgt Ion: 64 Resp: 47488
Ion Ratio Lower Upper
64 100
66 30.3 25.9 38.9





#7
Trichlorofluoromethane
Concen: 49.398 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025769.D
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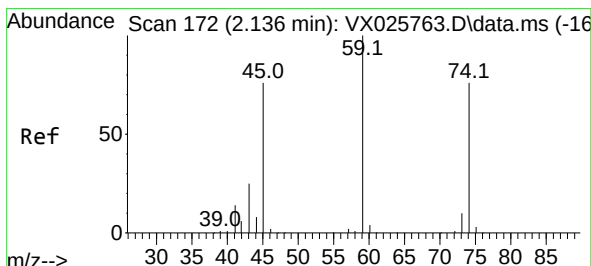
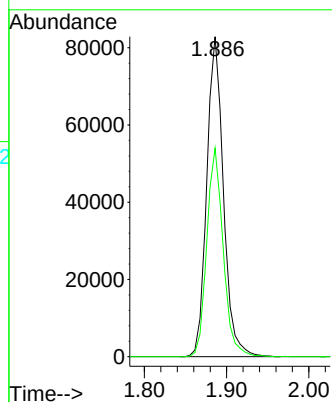
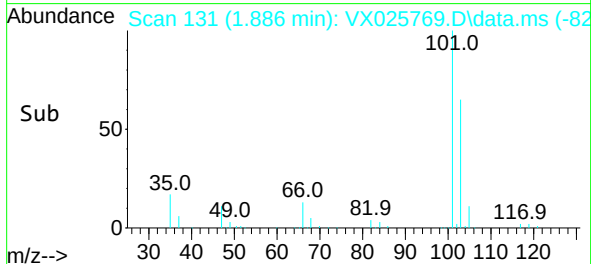
Instrument :
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Tgt Ion:101 Resp: 116498
Ion Ratio Lower Upper
101 100
103 65.1 54.1 81.1

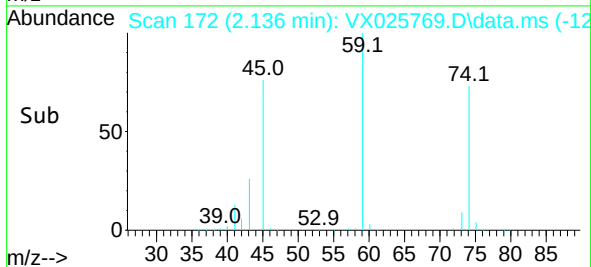
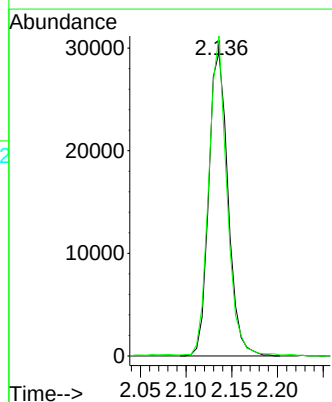
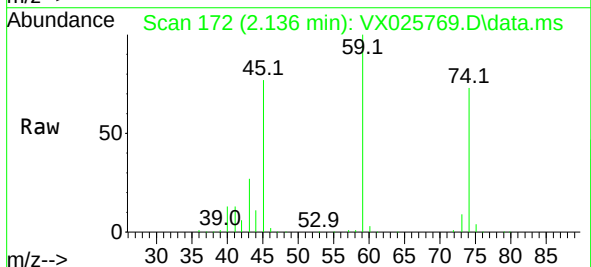
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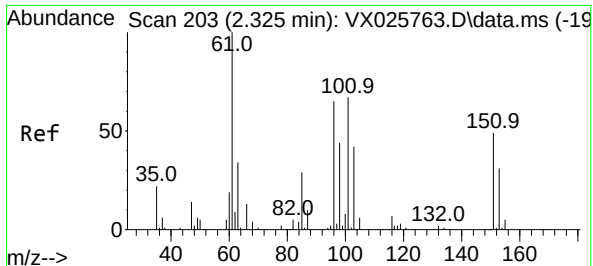
Reviewed By :John Carlone 12/15/2021
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#8
Diethyl Ether
Concen: 46.658 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX025769.D
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Tgt Ion: 74 Resp: 43406
Ion Ratio Lower Upper
74 100
45 98.3 50.4 151.2





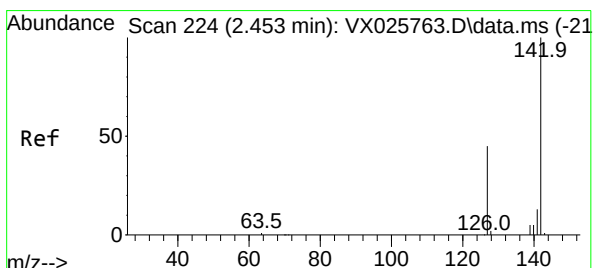
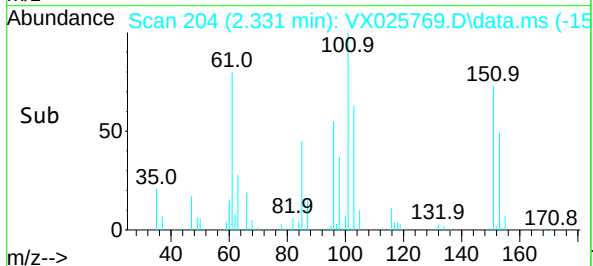
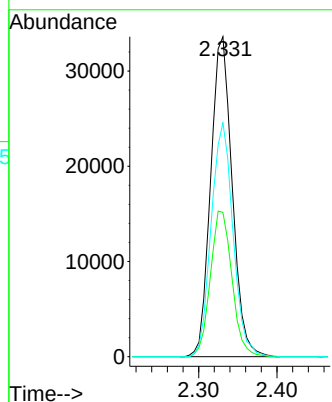
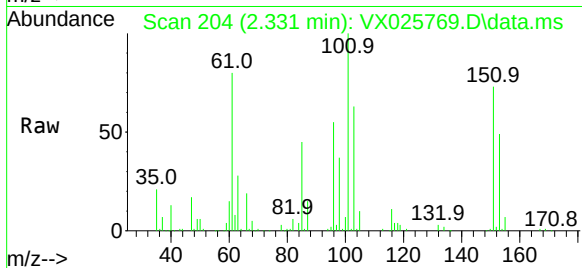
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.243 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025769.D
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Tgt Ion:101 Resp: 6411
Ion Ratio Lower Upper
101 100
85 45.7 36.5 54.7
151 74.1 60.6 90.8

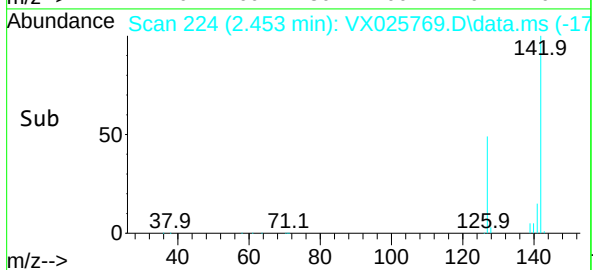
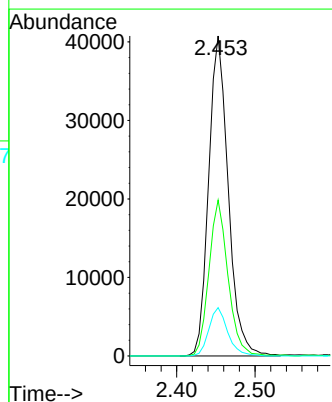
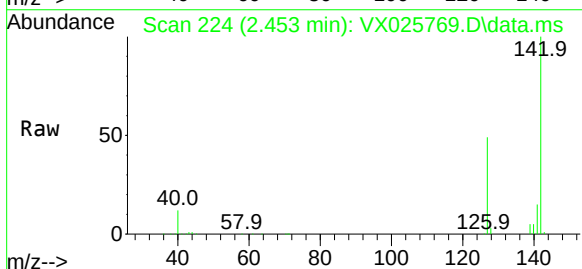
Manual Integrations
APPROVED

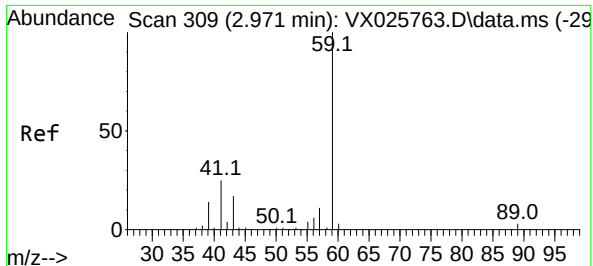
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 45.252 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

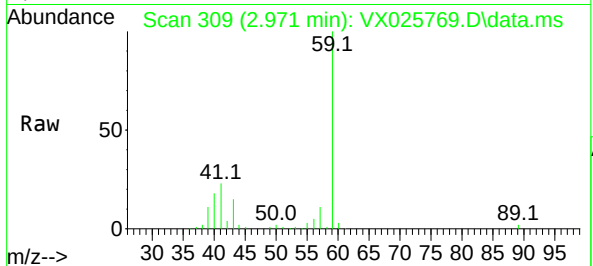
Tgt Ion:142 Resp: 70761
Ion Ratio Lower Upper
142 100
127 47.4 37.5 56.3
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 202.192 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

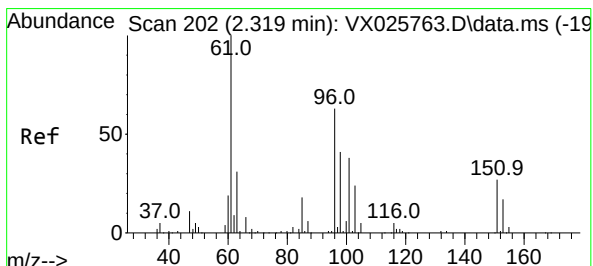
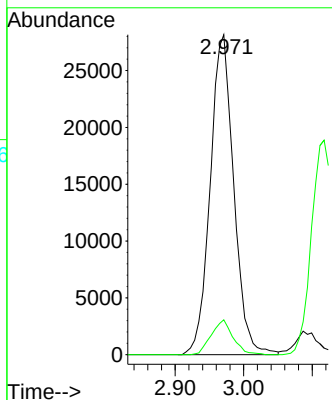
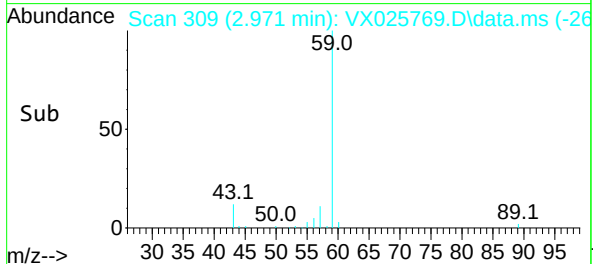
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



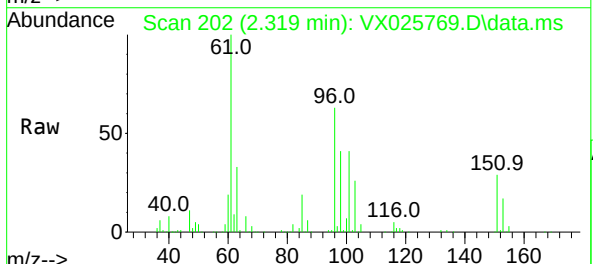
Tgt Ion: 59 Resp: 6726
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2

Manual Integrations
APPROVED

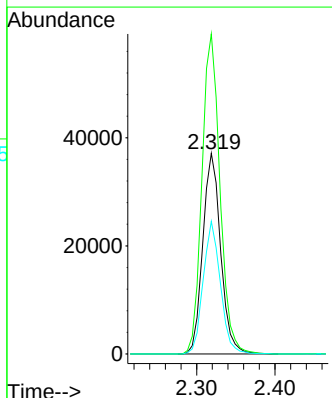
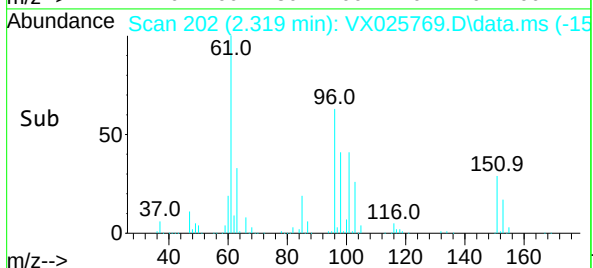
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

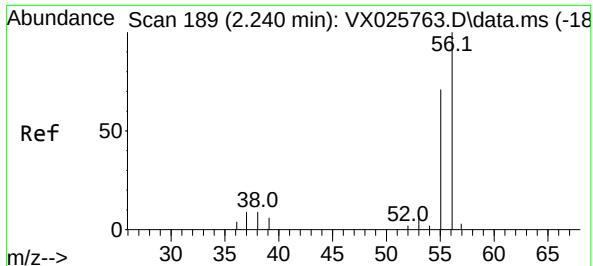


#12
1,1-Dichloroethene
Concen: 48.164 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



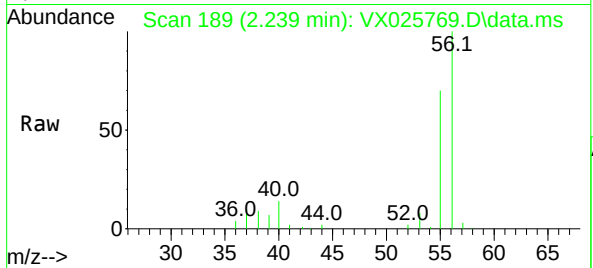
Tgt Ion: 96 Resp: 58770
Ion Ratio Lower Upper
96 100
61 159.5 127.5 191.3
98 66.1 52.0 78.0





#13
Acrolein
Concen: 227.664 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

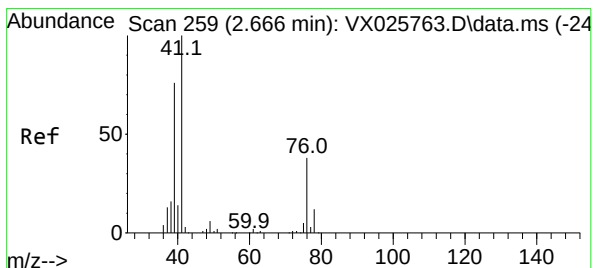
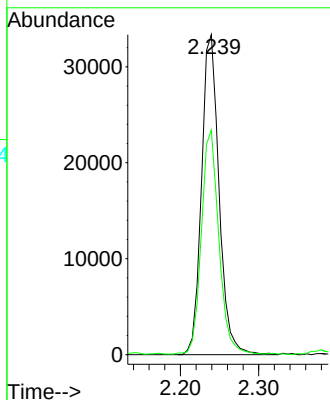
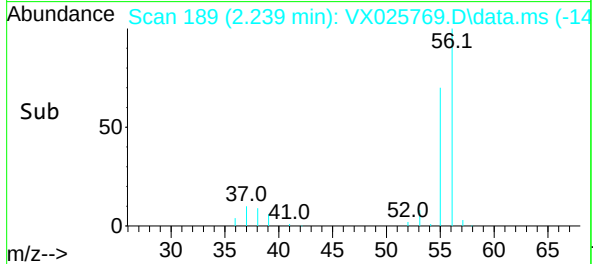
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



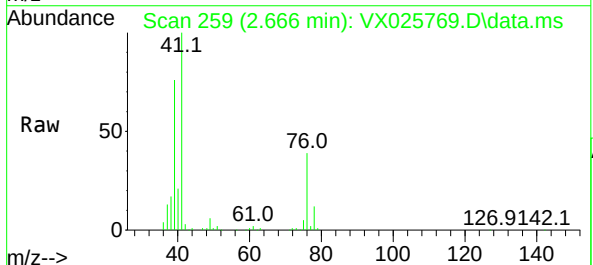
Tgt Ion: 56 Resp: 51768
Ion Ratio Lower Upper
56 100
55 69.6 57.4 86.2

Manual Integrations
APPROVED

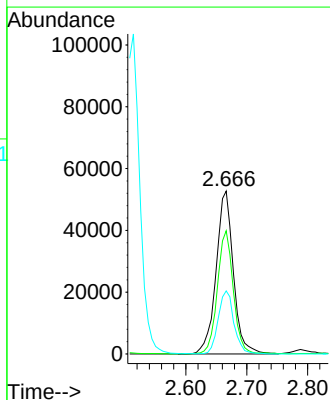
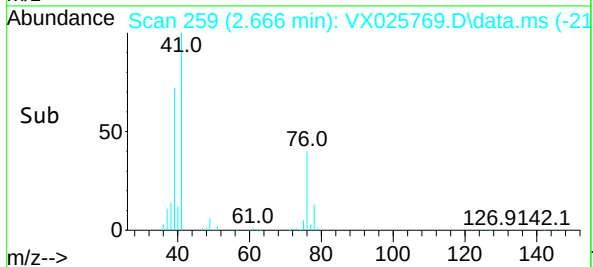
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

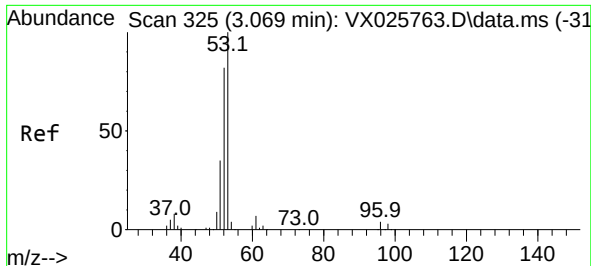


#14
Allyl chloride
Concen: 46.817 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



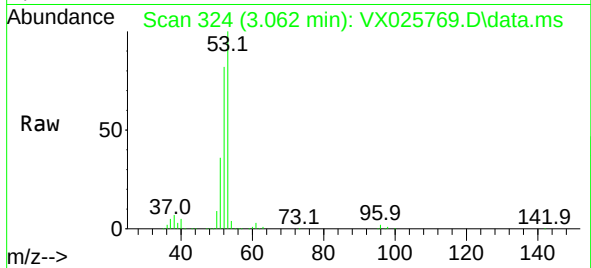
Tgt Ion: 41 Resp: 104259
Ion Ratio Lower Upper
41 100
39 69.2 55.4 83.0
76 35.2 27.6 41.4





#15
Acrylonitrile
Concen: 225.105 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

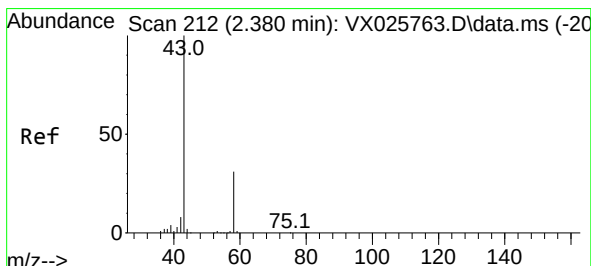
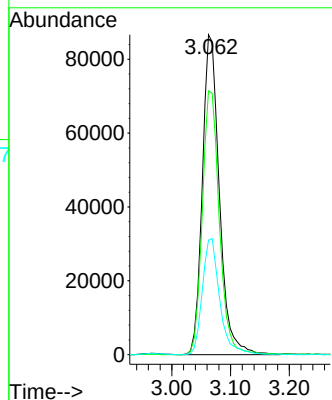
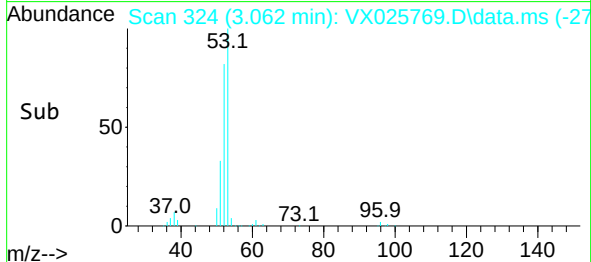
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 174818
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 37.2 29.4 44.0

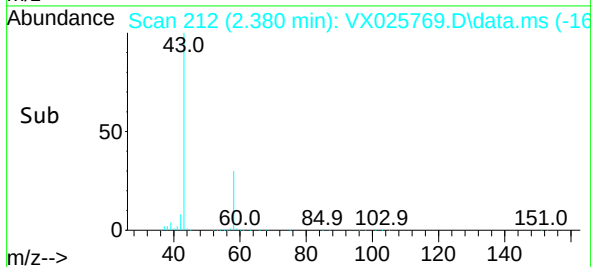
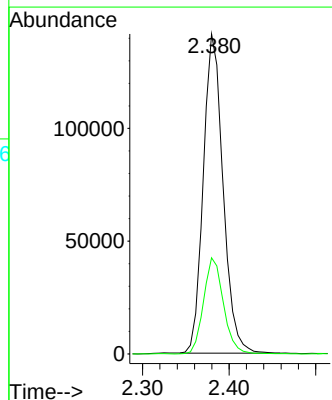
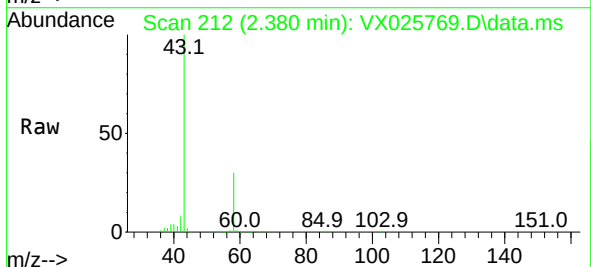
Manual Integrations
APPROVED

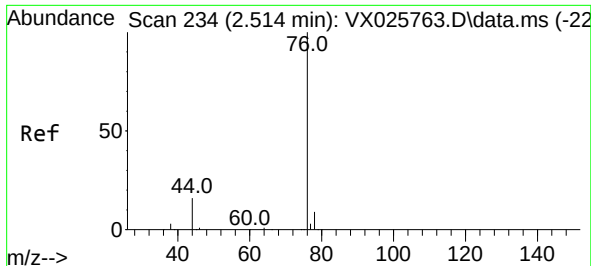
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#16
Acetone
Concen: 318.870 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

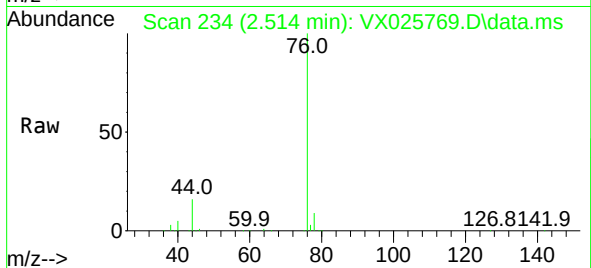
Tgt Ion: 43 Resp: 224667
Ion Ratio Lower Upper
43 100
58 30.1 24.8 37.2





#17
Carbon Disulfide
Concen: 49.366 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

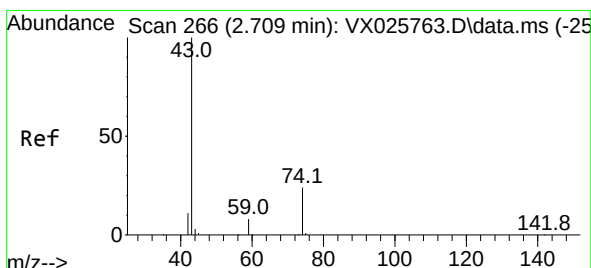
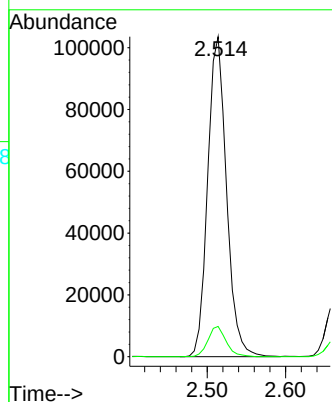
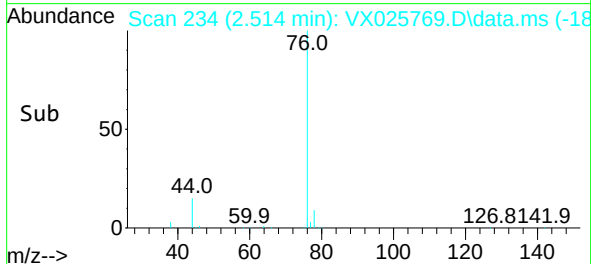
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



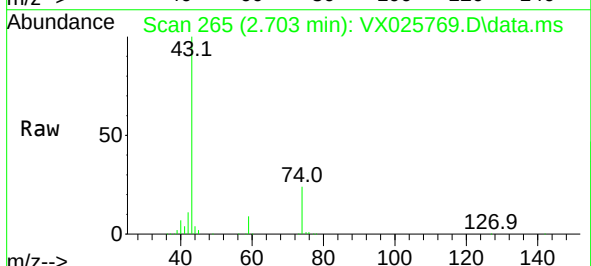
Tgt Ion: 76 Resp: 17254
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

Manual Integrations
APPROVED

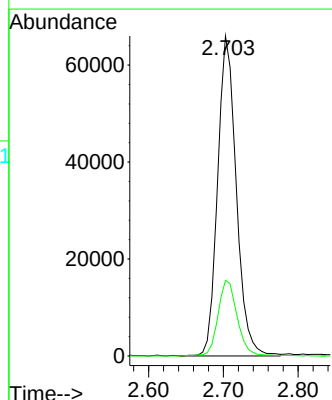
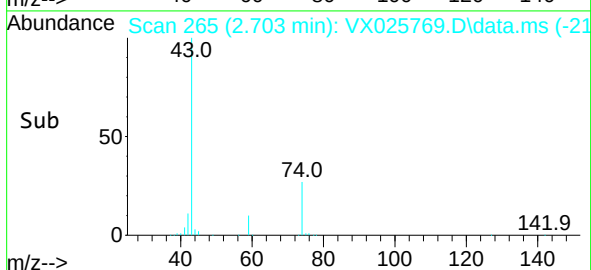
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

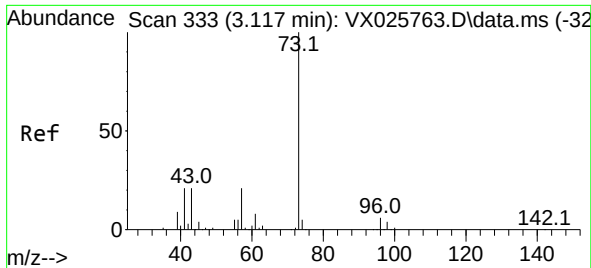


#18
Methyl Acetate
Concen: 45.462 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



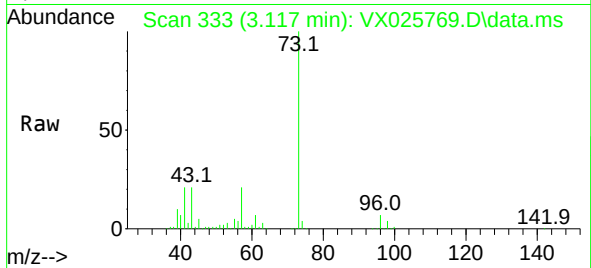
Tgt Ion: 43 Resp: 114911
Ion Ratio Lower Upper
43 100
74 24.5 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 48.592 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

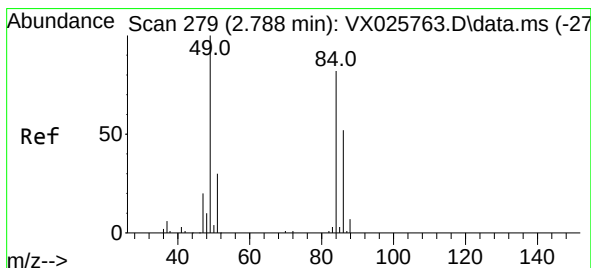
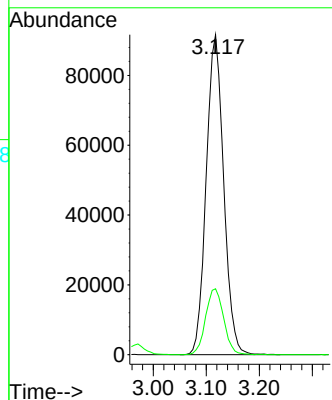
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 209420
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.6

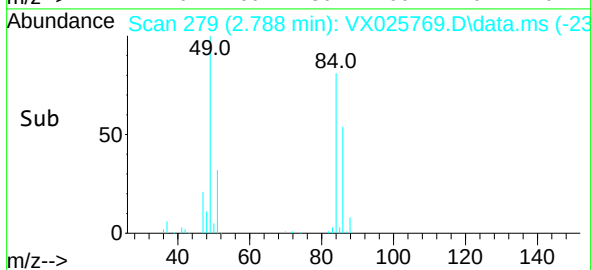
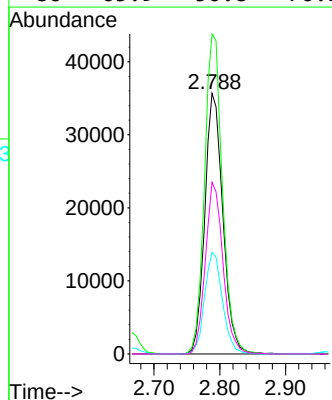
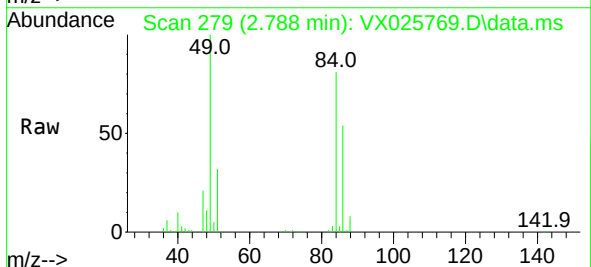
Manual Integrations
APPROVED

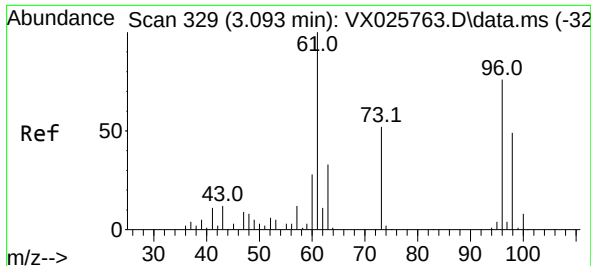
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#20
Methylene Chloride
Concen: 47.997 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

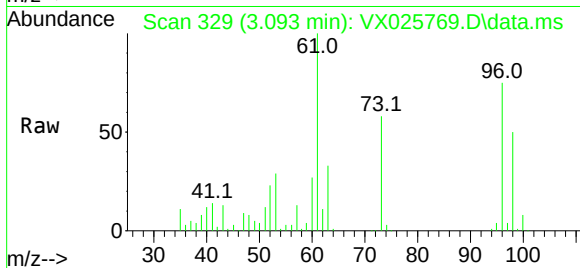
Tgt Ion: 84 Resp: 68220
Ion Ratio Lower Upper
84 100
49 122.8 97.1 145.7
51 39.0 29.3 43.9
86 65.9 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 48.110 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

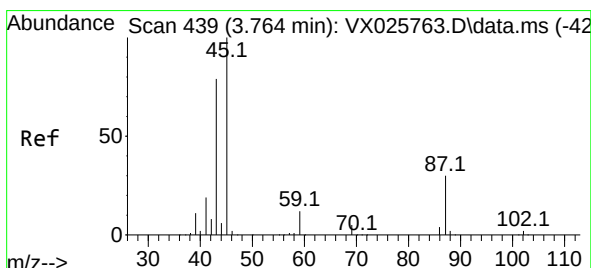
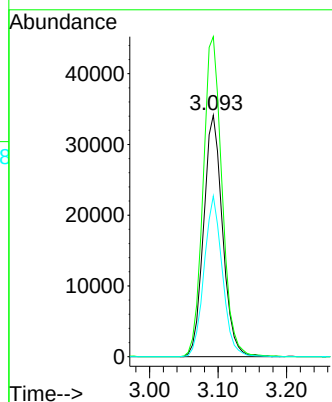
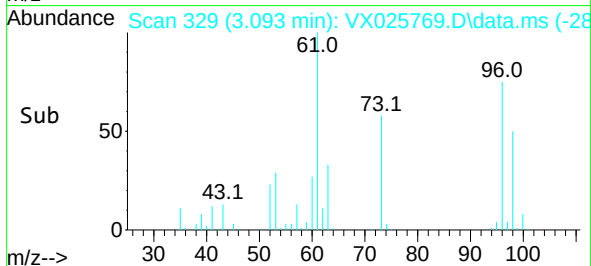
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



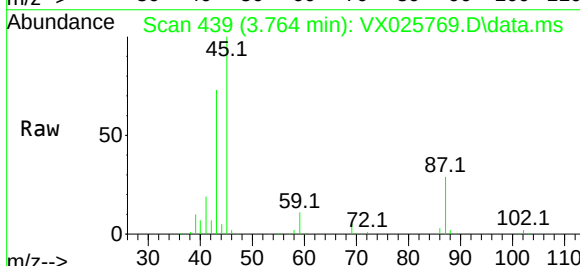
Tgt Ion: 96 Resp: 6551
Ion Ratio Lower Upper
96 100
61 132.5 105.7 158.5
98 66.5 52.1 78.1

Manual Integrations
APPROVED

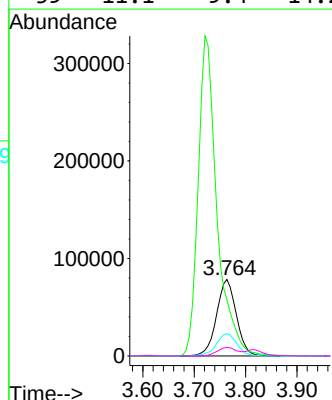
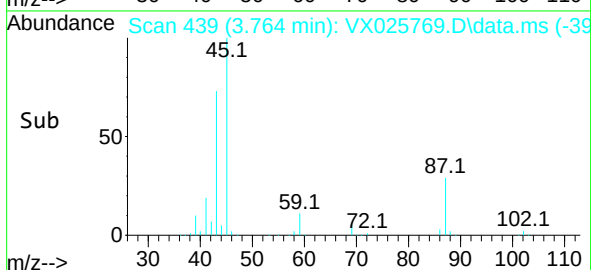
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

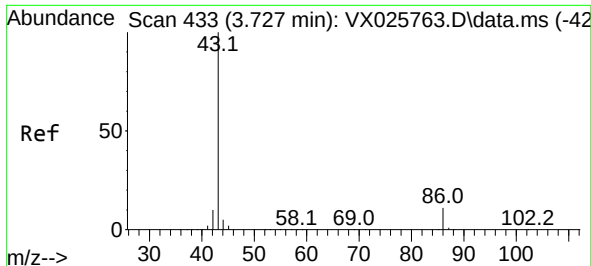


#22
Diisopropyl ether
Concen: 48.495 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



Tgt Ion: 45 Resp: 209485
Ion Ratio Lower Upper
45 100
43 73.1 63.8 95.6
87 28.8 24.2 36.4
59 11.1 9.4 14.2





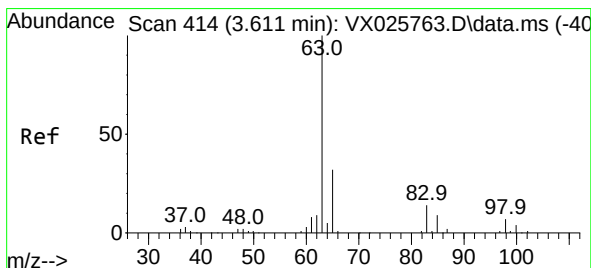
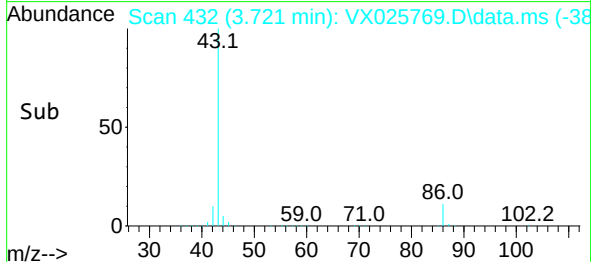
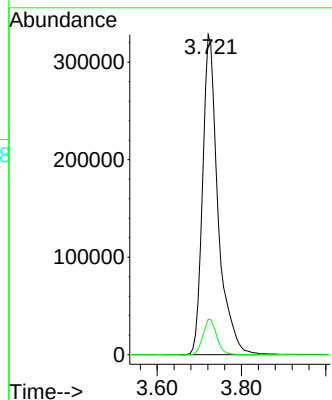
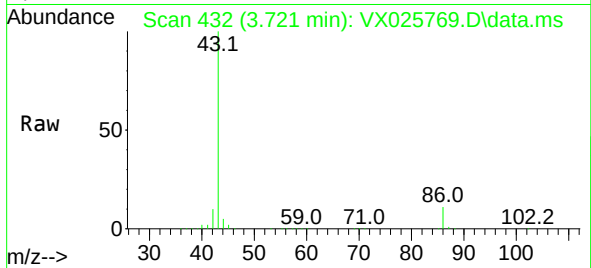
#23
 Vinyl Acetate
 Concen: 250.005 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX025769.D
 Acq: 14 Dec 2021 10:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 83571
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.0 13.6

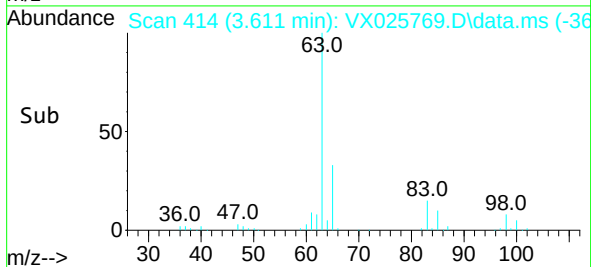
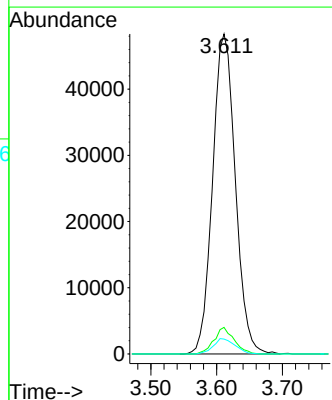
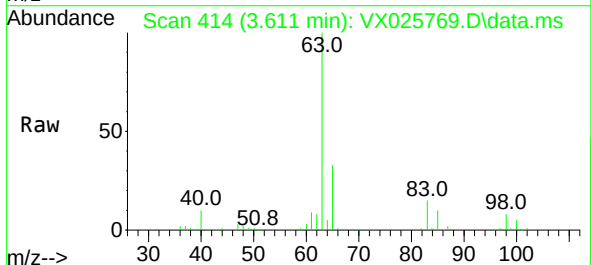
Manual Integrations
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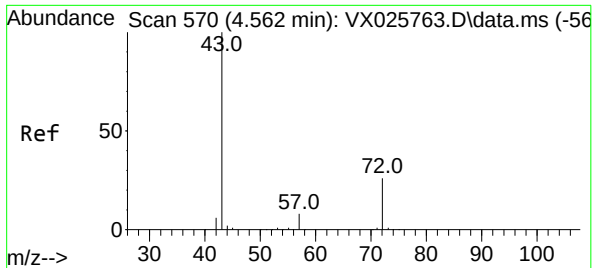
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#24
 1,1-Dichloroethane
 Concen: 47.167 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX025769.D
 Acq: 14 Dec 2021 10:47

Tgt Ion: 63 Resp: 116338
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.3 9.9
 100 4.6 2.2 6.6





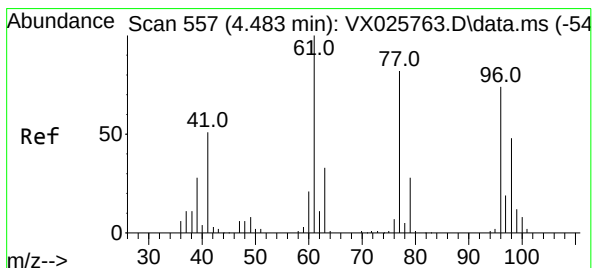
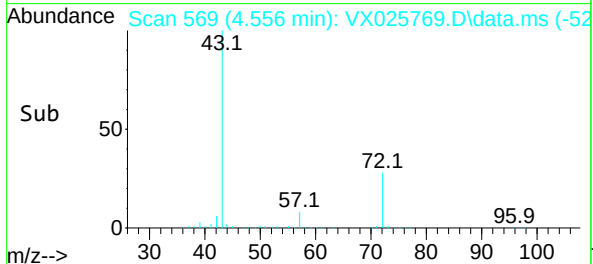
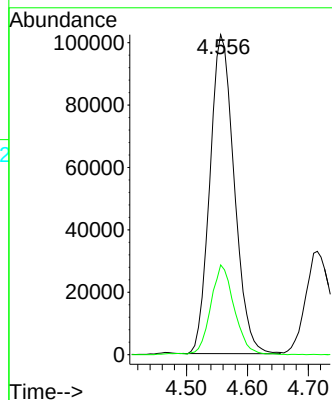
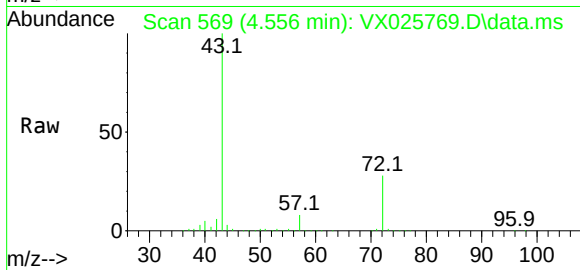
#25
2-Butanone
Concen: 254.206 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28354
Ion Ratio Lower Upper
43 100
72 28.0 21.0 31.4

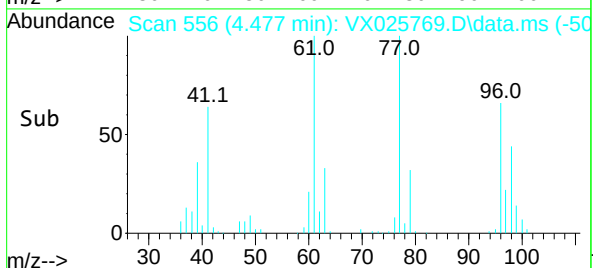
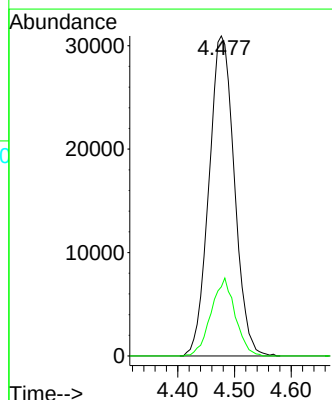
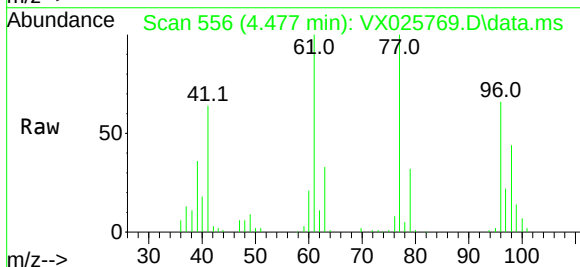
Manual Integrations
APPROVED

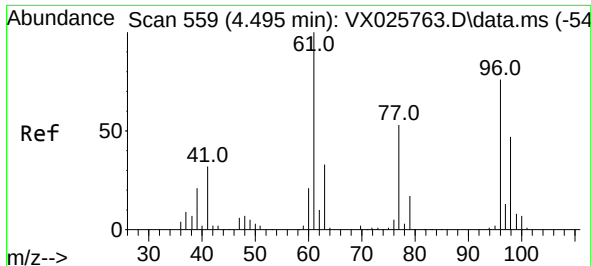
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#26
2,2-Dichloropropane
Concen: 51.455 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

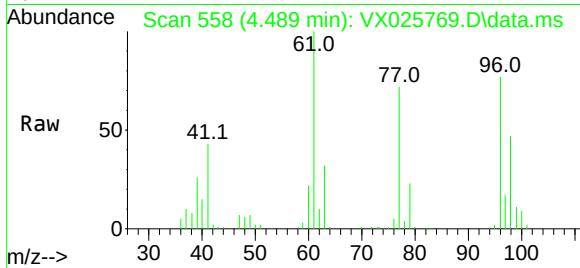
Tgt Ion: 77 Resp: 96262
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 46.643 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX025769.D
 Acq: 14 Dec 2021 10:47

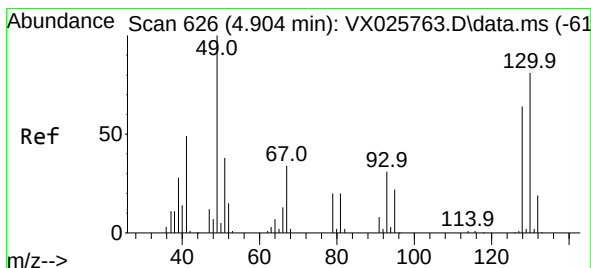
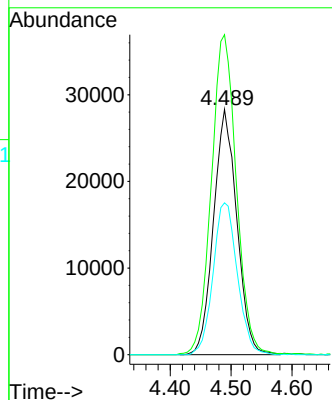
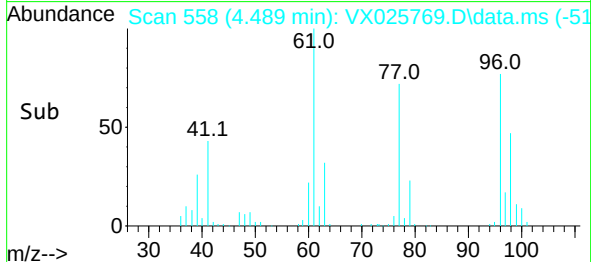
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



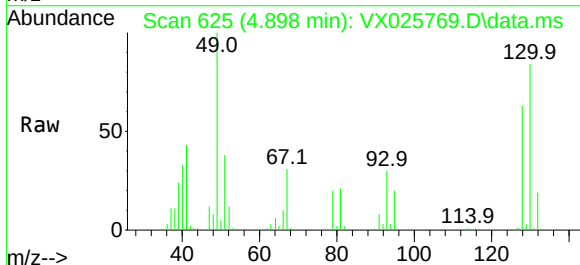
Tgt Ion: 96 Resp: 7531
 Ion Ratio Lower Upper
 96 100
 61 140.1 0.0 276.8
 98 64.4 0.0 130.6

Manual Integrations
 APPROVED

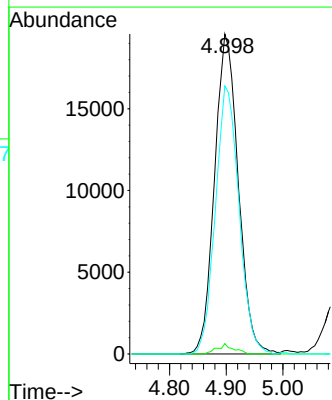
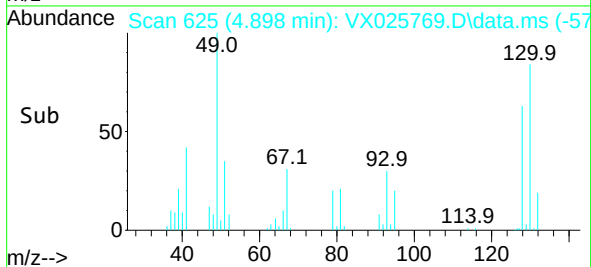
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021

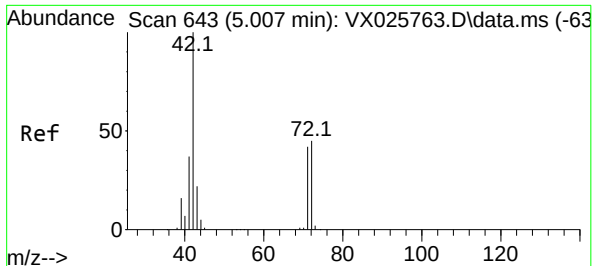


#28
 Bromochloromethane
 Concen: 51.218 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX025769.D
 Acq: 14 Dec 2021 10:47



Tgt Ion: 49 Resp: 56929
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 83.4 67.1 100.7





#29

Tetrahydrofuran

Concen: 228.059 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX025769.D

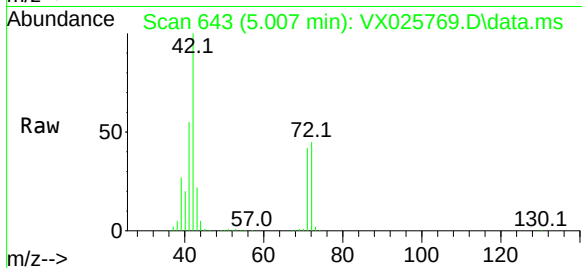
Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 16173

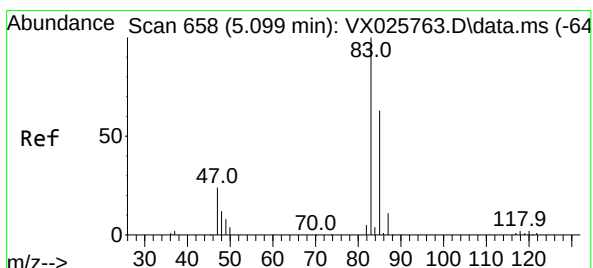
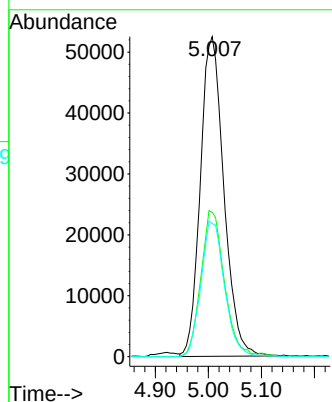
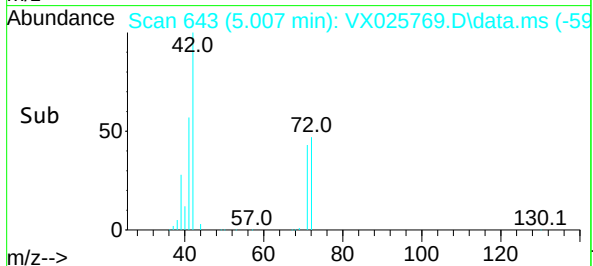
Ion	Ratio	Lower	Upper
42	100		
72	45.5	37.0	55.6
71	42.6	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#30

Chloroform

Concen: 47.034 ug/l

RT: 5.093 min Scan# 657

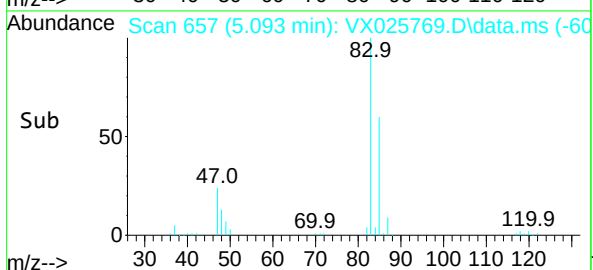
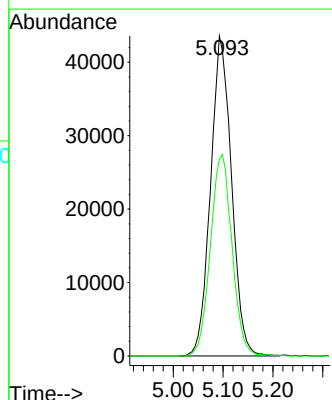
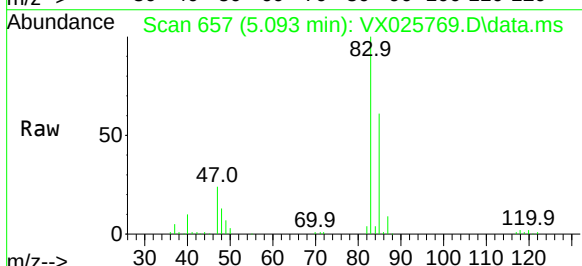
Delta R.T. -0.006 min

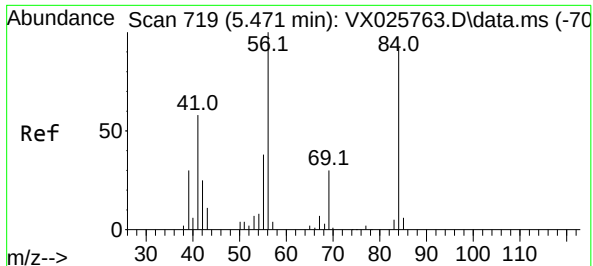
Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Tgt Ion: 83 Resp: 127235

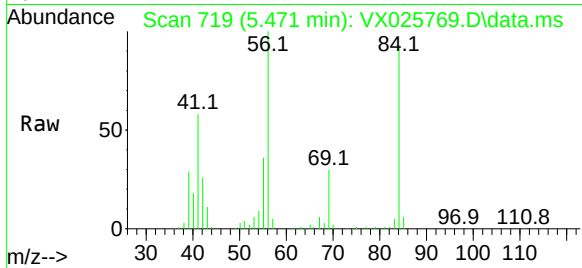
Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.6	75.8





#31
Cyclohexane
Concen: 52.212 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

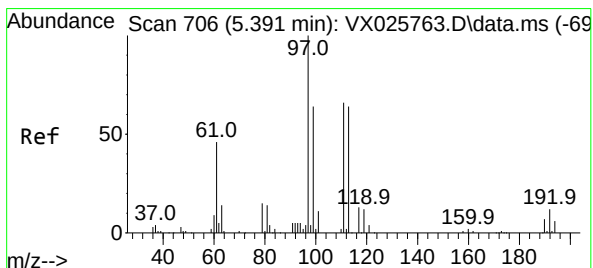
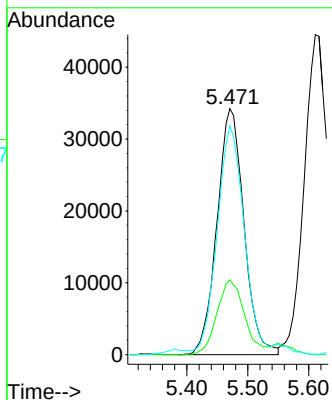
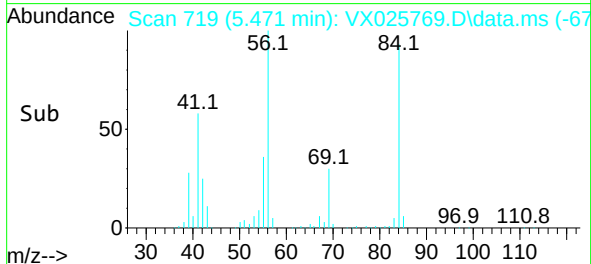
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



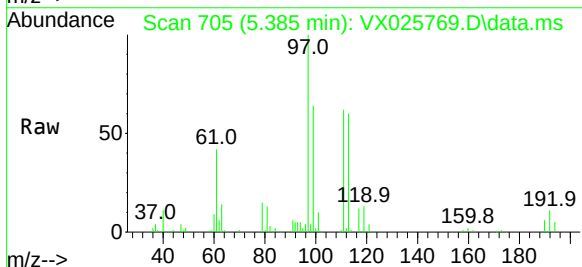
Tgt Ion: 56 Resp: 105300
Ion Ratio Lower Upper
56 100
69 30.4 23.9 35.9
84 91.0 73.2 109.8

Manual Integrations
APPROVED

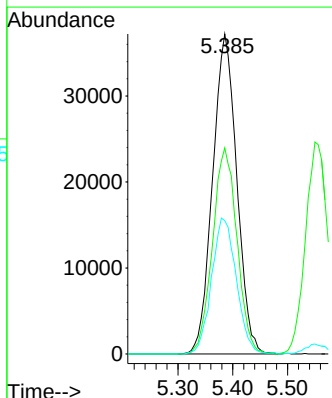
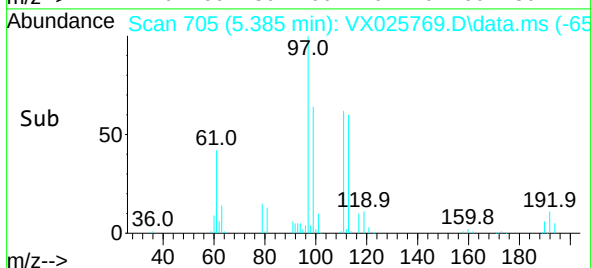
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

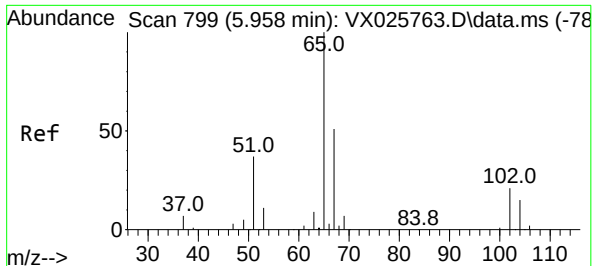


#32
1,1,1-Trichloroethane
Concen: 48.406 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



Tgt Ion: 97 Resp: 113967
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 43.5 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 46.712 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7746

Ion Ratio Lower Upper

65 100

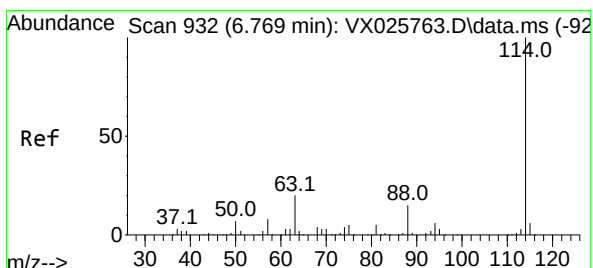
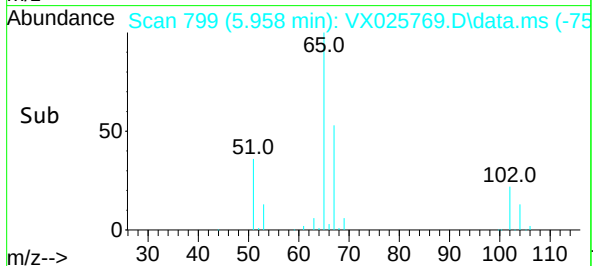
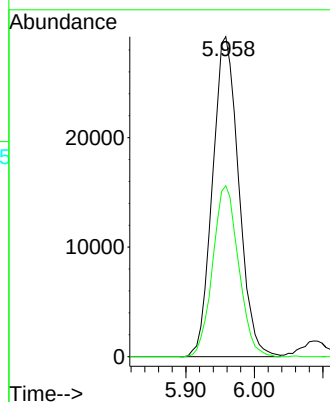
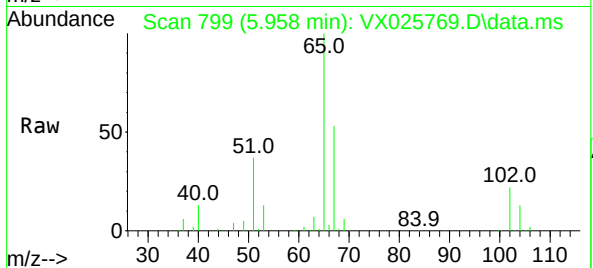
67 52.8 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

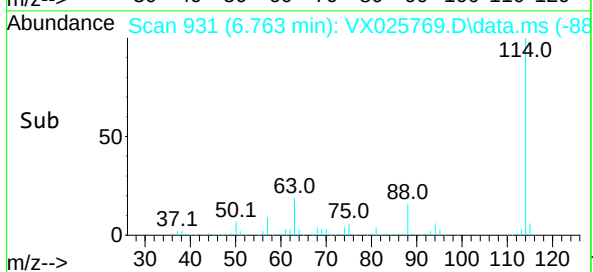
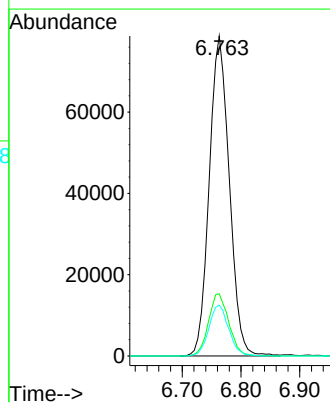
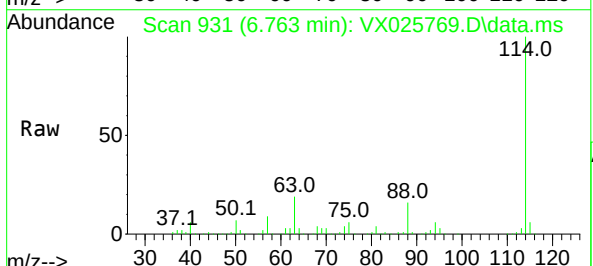
Tgt Ion:114 Resp: 186730

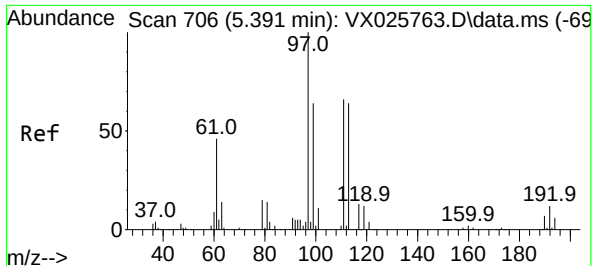
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

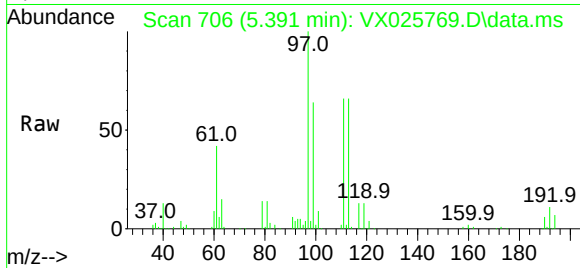
88 15.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.920 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

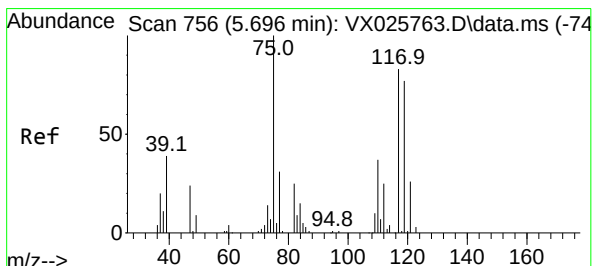
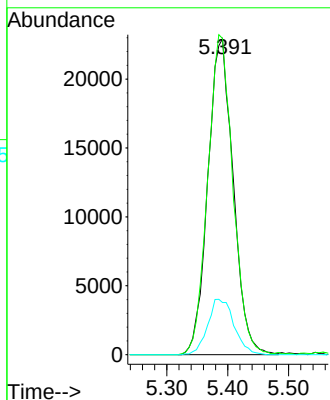
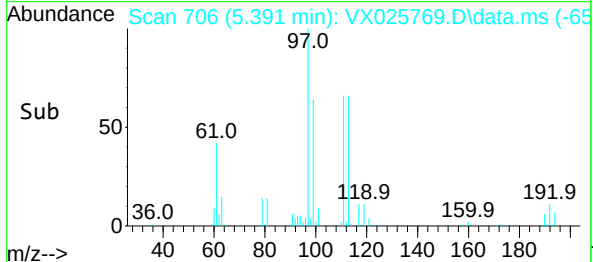
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 66312
Ion Ratio Lower Upper
113 100
111 100.3 81.8 122.8
192 18.2 15.0 22.4

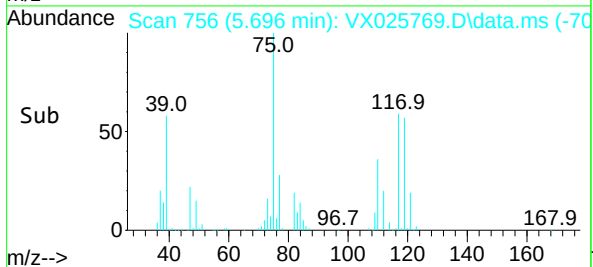
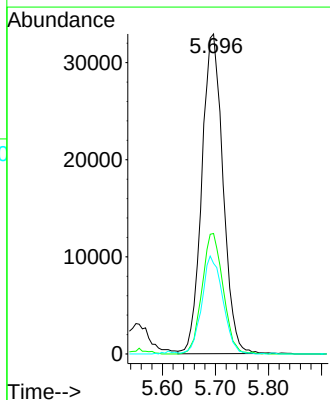
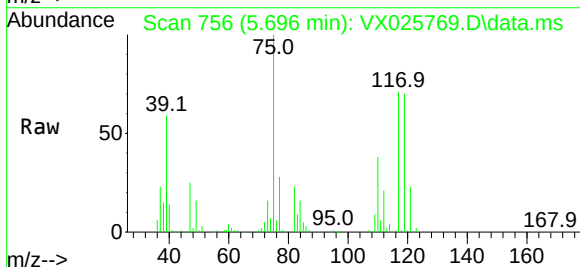
Manual Integrations
APPROVED

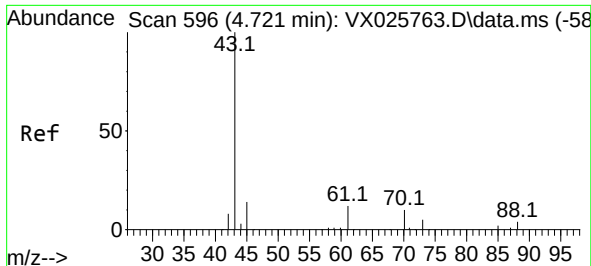
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#36
1,1-Dichloropropene
Concen: 51.675 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Tgt Ion: 75 Resp: 91259
Ion Ratio Lower Upper
75 100
110 37.6 18.2 54.6
77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 48.665 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9548

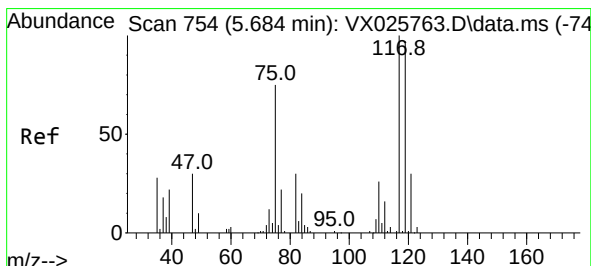
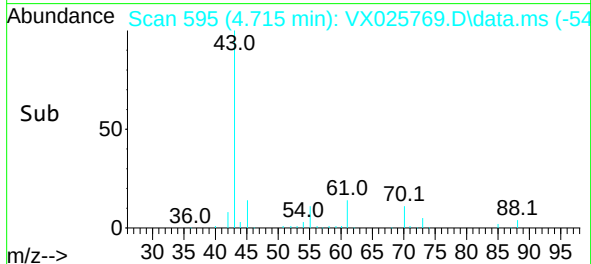
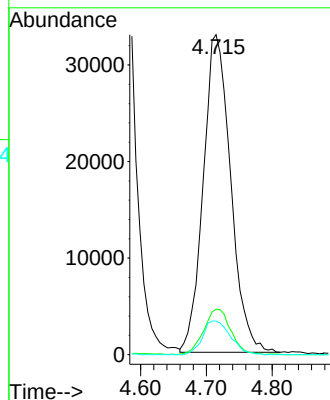
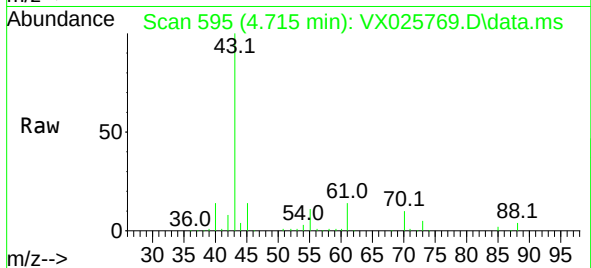
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.7	16.1
70	10.7	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#38

Carbon Tetrachloride

Concen: 51.638 ug/l

RT: 5.678 min Scan# 753

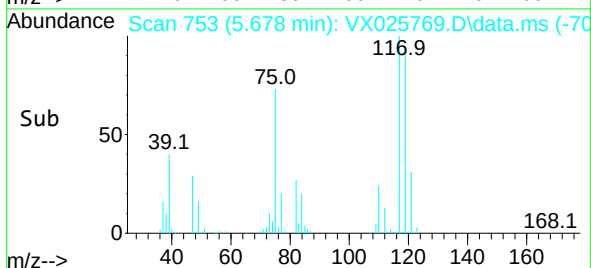
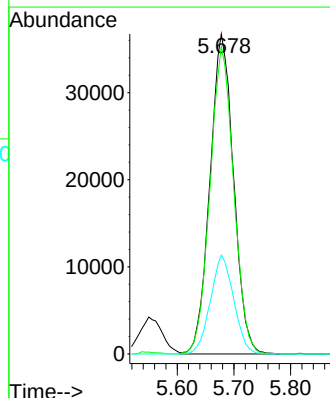
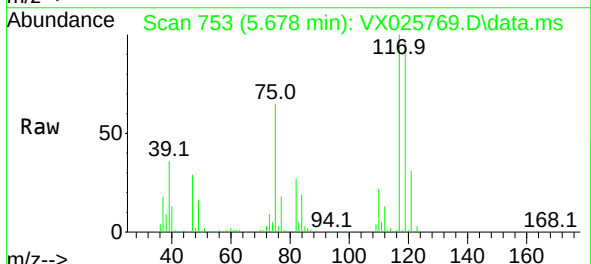
Delta R.T. -0.006 min

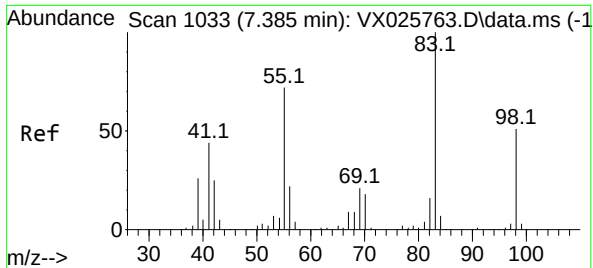
Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Tgt Ion:117 Resp: 106107

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.2	115.8
121	30.9	23.8	35.8





#39
Methylcyclohexane
Concen: 56.543 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

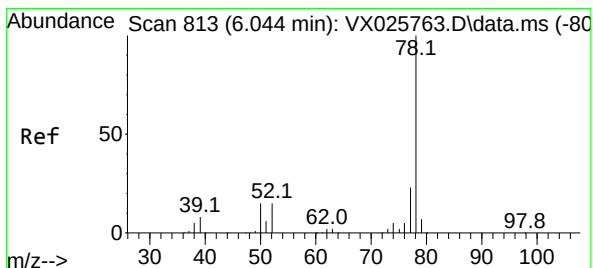
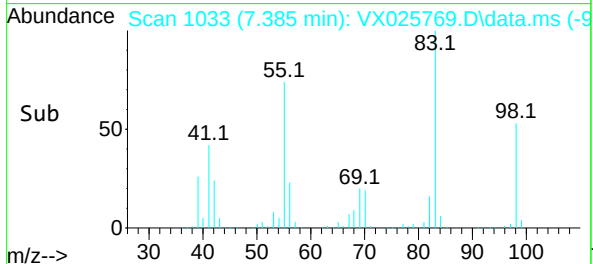
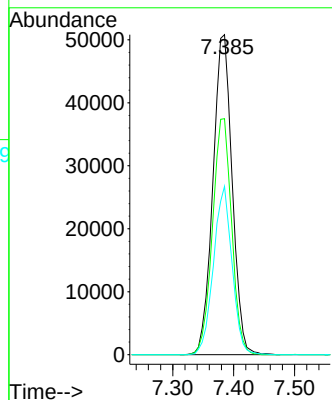
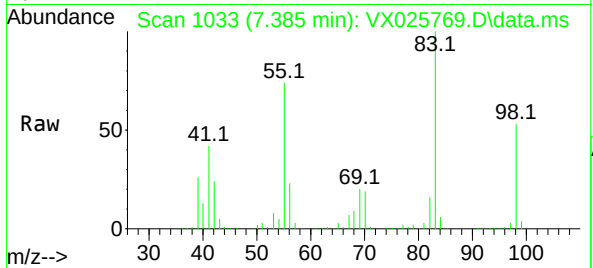
VSTDCCC050

Tgt Ion: 83 Resp: 11173
Ion Ratio Lower Upper
83 100
55 73.7 57.8 86.8
98 52.6 40.5 60.7

Manual Integrations

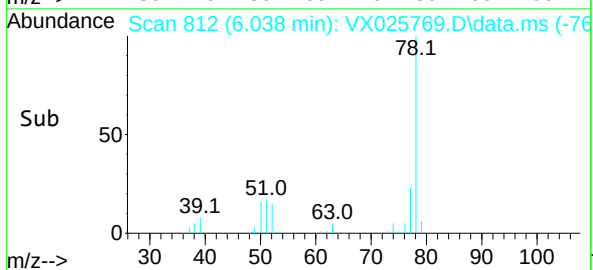
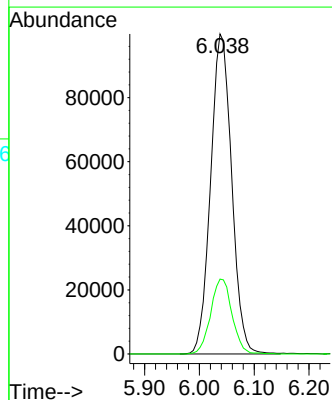
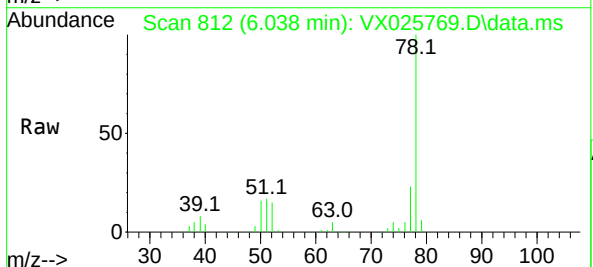
APPROVED

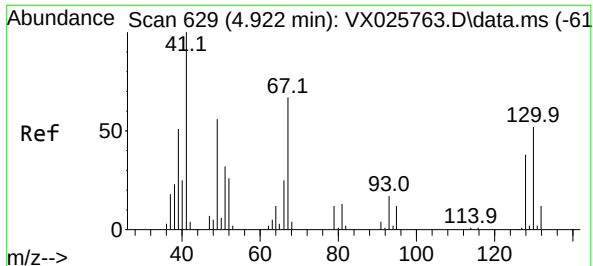
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#40
Benzene
Concen: 50.533 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Tgt Ion: 78 Resp: 266214
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





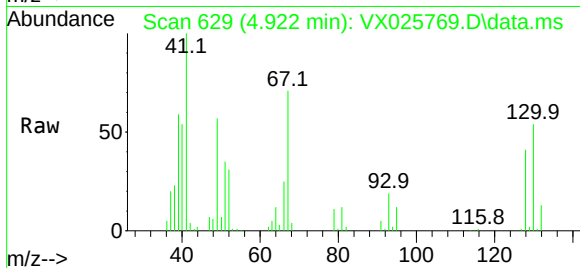
#41
Methacrylonitrile
Concen: 48.045 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



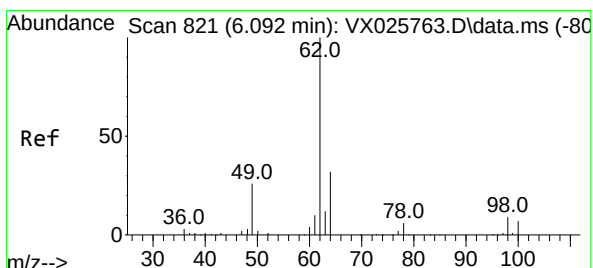
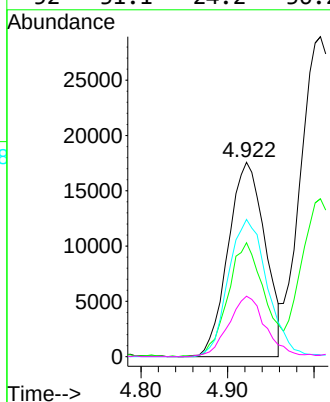
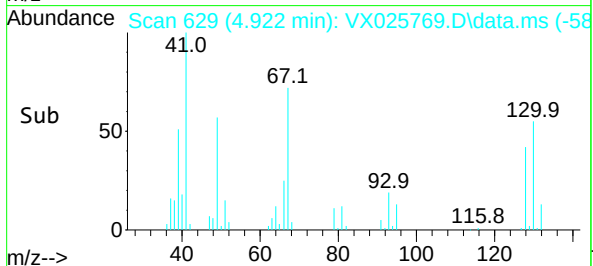
Tgt Ion: 41 Resp: 5217
Ion Ratio Lower Upper
41 100
39 58.4 44.2 66.2
67 74.6 59.7 89.5
52 31.1 24.2 36.2

Manual Integrations

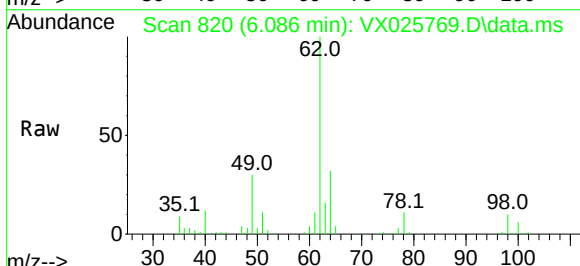
APPROVED

Reviewed By :John Carlone 12/15/2021

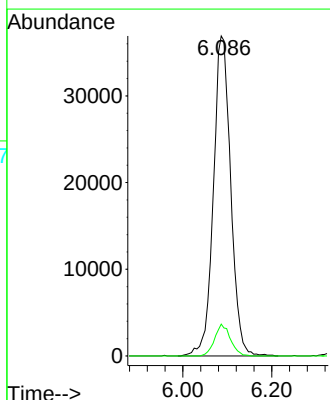
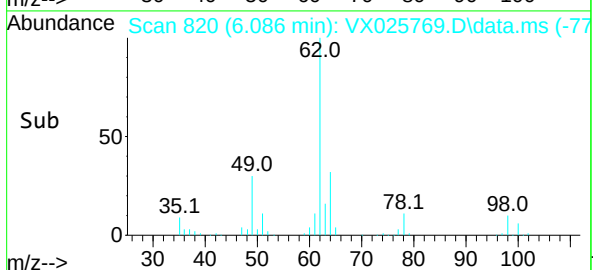
Supervised By :Mahesh Dadoda 12/21/2021

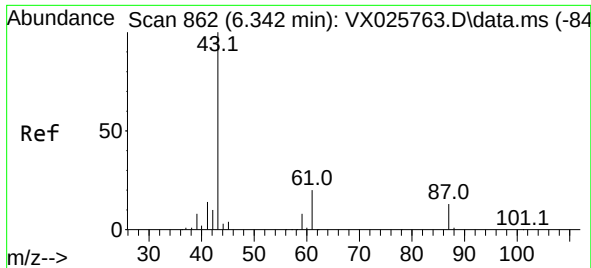


#42
1,2-Dichloroethane
Concen: 49.760 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



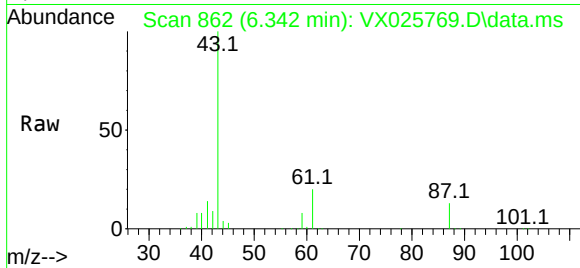
Tgt Ion: 62 Resp: 99630
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.8





#43
Isopropyl Acetate
Concen: 49.528 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

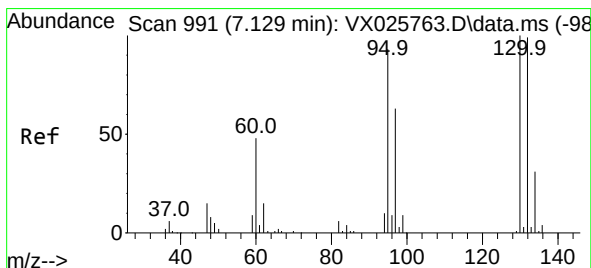
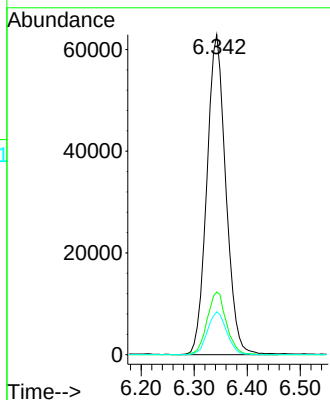
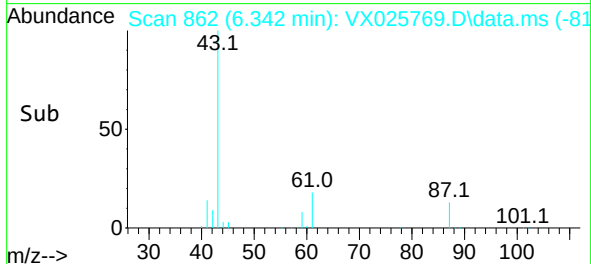
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 15656
Ion Ratio Lower Upper
43 100
61 19.8 15.7 23.5
87 13.4 11.2 16.8

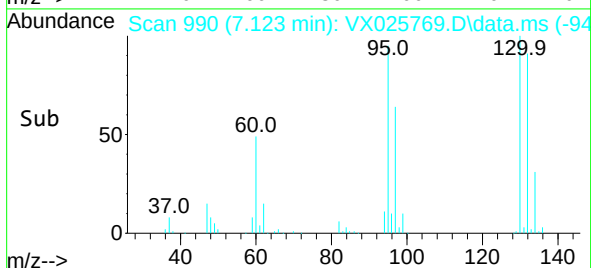
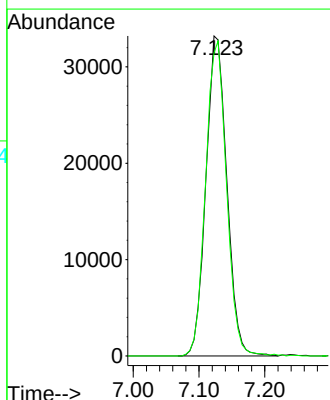
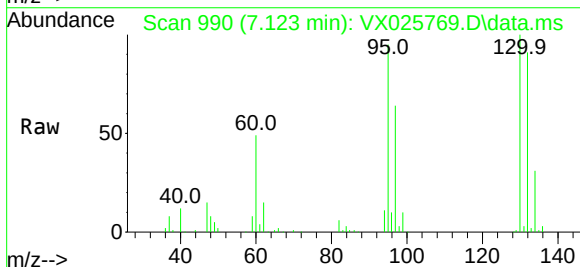
Manual Integrations
APPROVED

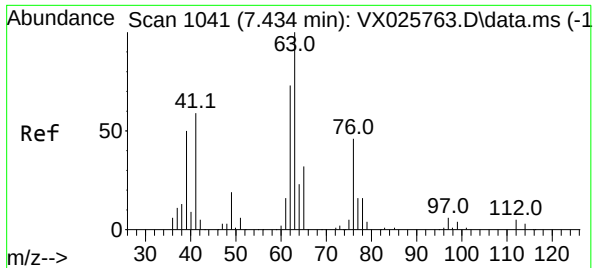
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#44
Trichloroethene
Concen: 50.170 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Tgt Ion:130 Resp: 73582
Ion Ratio Lower Upper
130 100
95 94.7 0.0 186.4





#45

1,2-Dichloropropane

Concen: 49.142 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6525

Ion Ratio Lower Upper

63 100

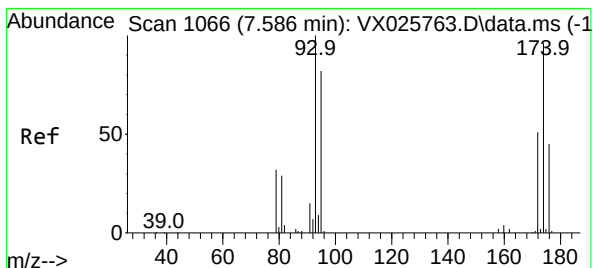
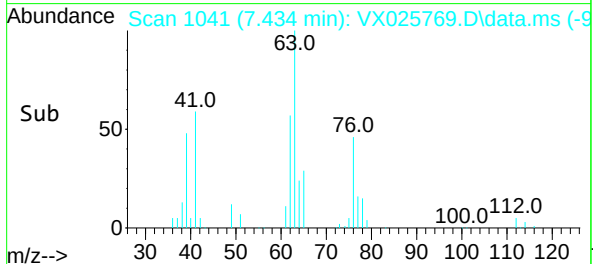
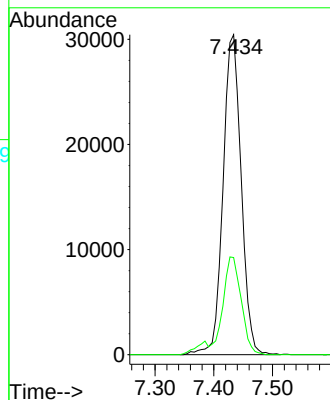
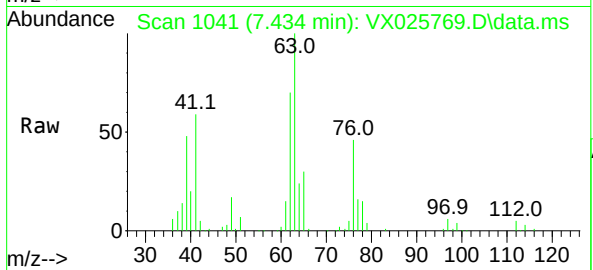
65 30.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#46

Dibromomethane

Concen: 48.410 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

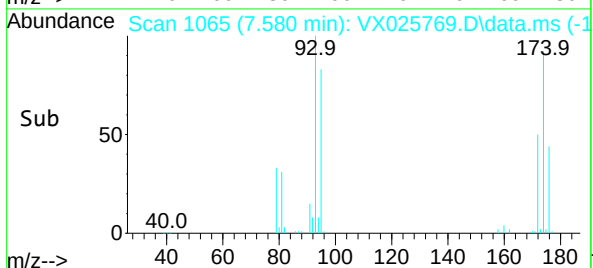
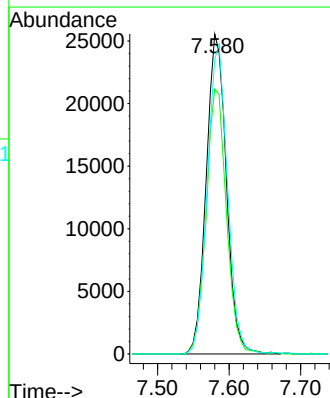
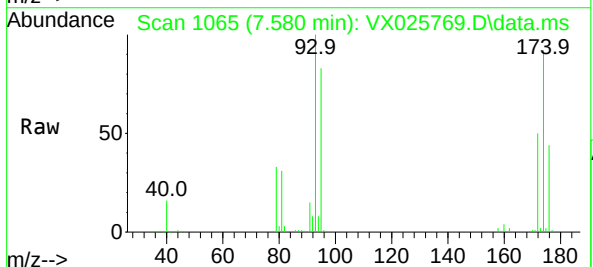
Tgt Ion: 93 Resp: 50042

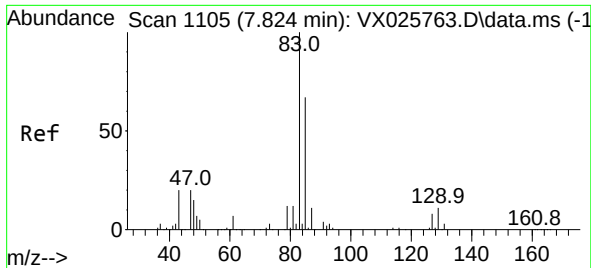
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 97.3 77.3 115.9





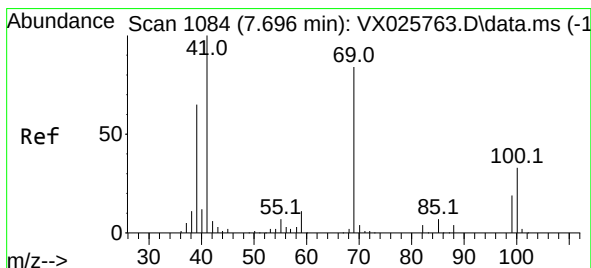
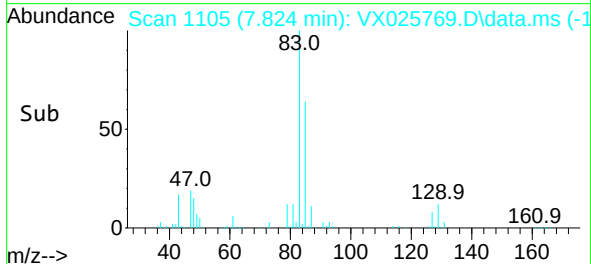
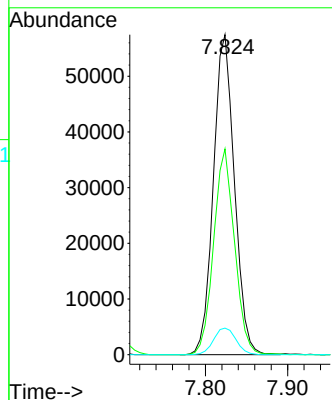
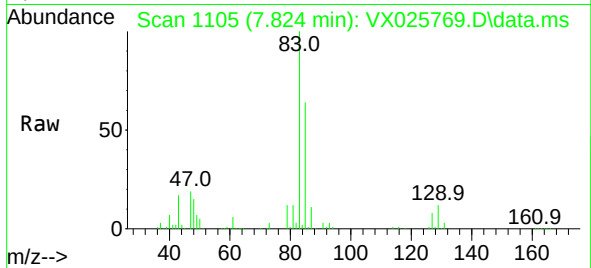
#47
Bromodichloromethane
Concen: 50.133 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 102140
Ion Ratio Lower Upper
83 100
85 64.3 53.5 80.3
127 8.3 6.6 10.0

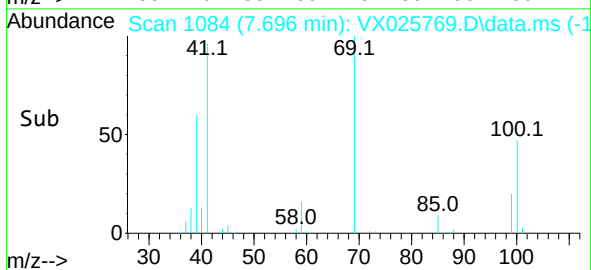
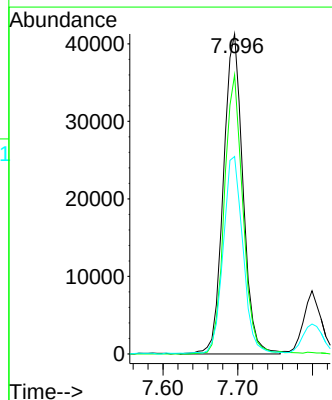
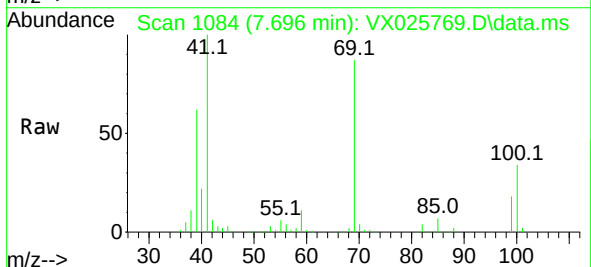
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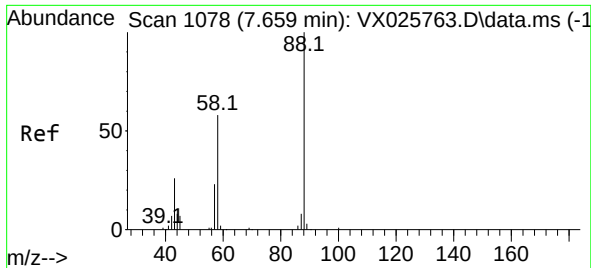
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 50.369 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

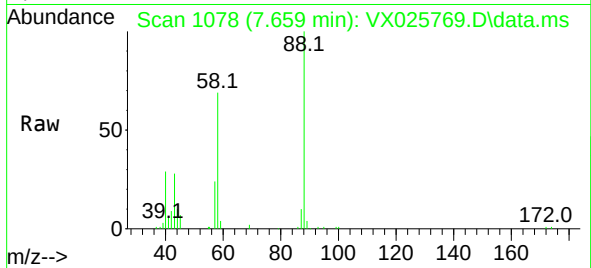
Tgt Ion: 41 Resp: 74980
Ion Ratio Lower Upper
41 100
69 83.1 67.3 100.9
39 61.8 50.2 75.2





#49
1,4-Dioxane
Concen: 925.890 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

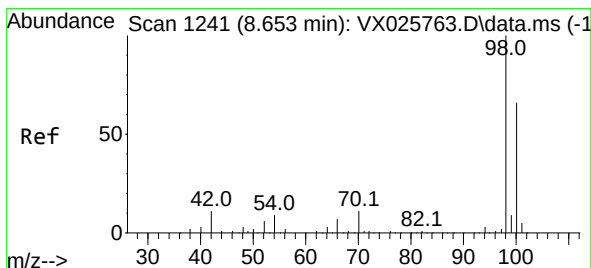
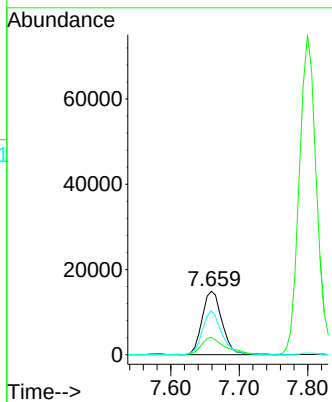
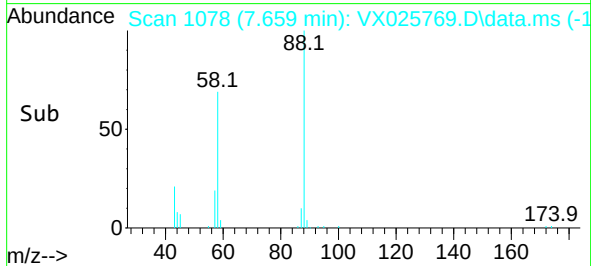
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 30090
Ion Ratio Lower Upper
88 100
43 33.8 25.3 37.9
58 66.8 51.8 77.6

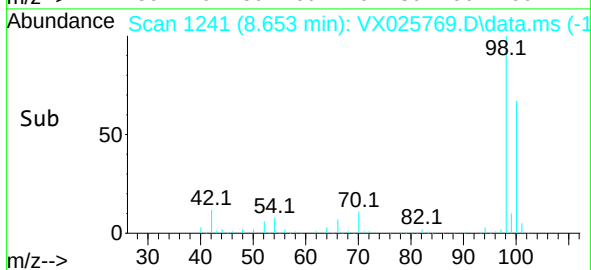
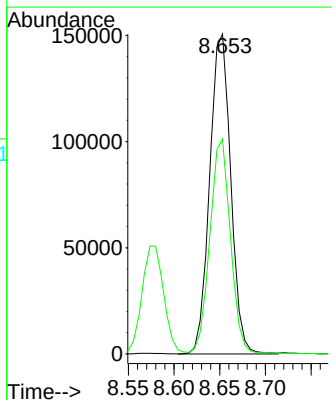
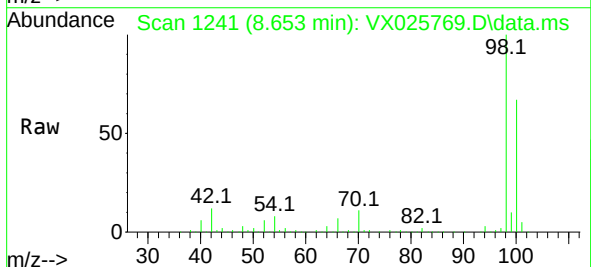
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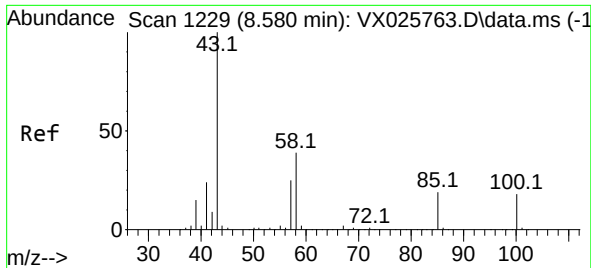
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#50
Toluene-d8
Concen: 50.816 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Tgt Ion: 98 Resp: 241117
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





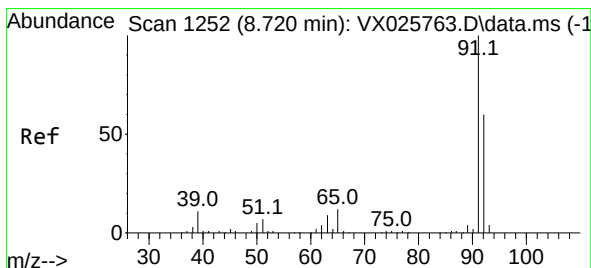
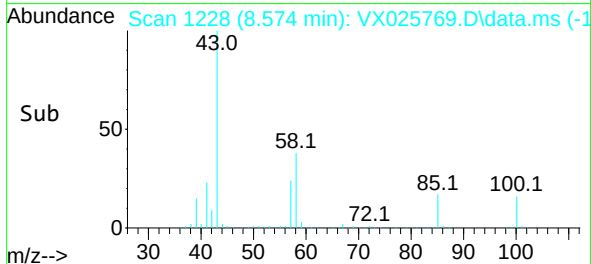
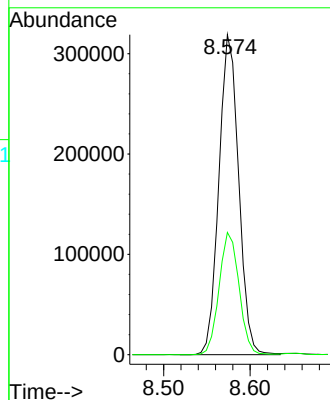
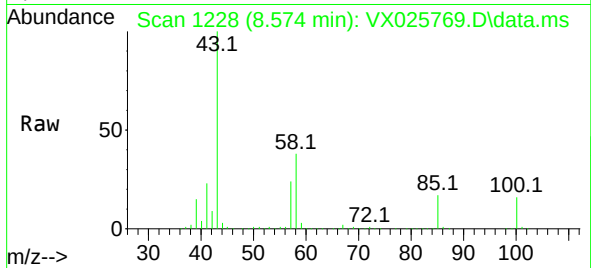
#51
4-Methyl-2-Pentanone
Concen: 243.783 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 504474
Ion Ratio Lower Upper
43 100
58 38.6 30.8 46.2

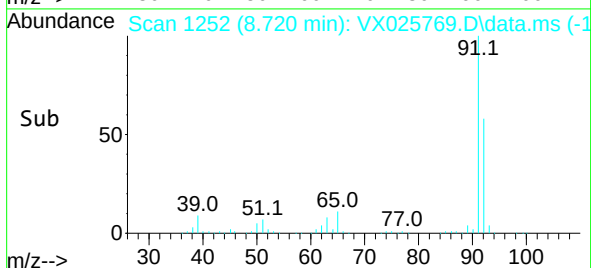
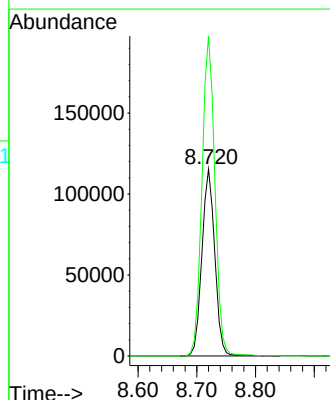
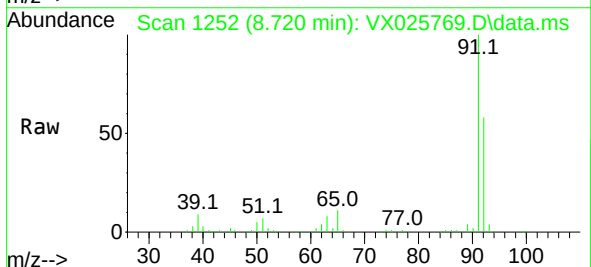
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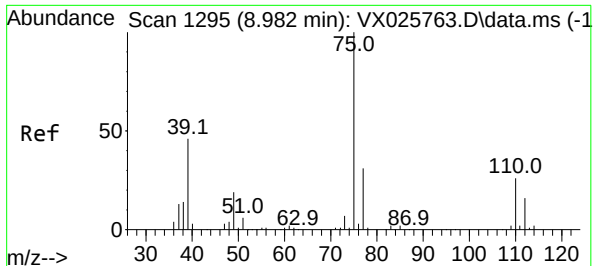
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#52
Toluene
Concen: 52.284 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Tgt Ion: 92 Resp: 175499
Ion Ratio Lower Upper
92 100
91 171.7 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 54.384 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 105614

Ion Ratio Lower Upper

75 100

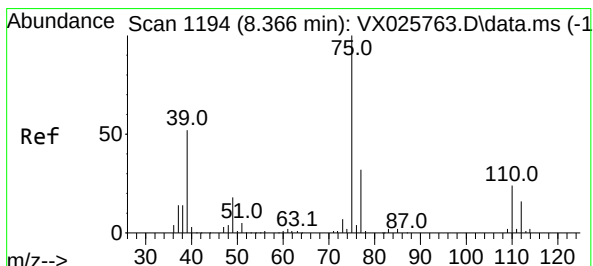
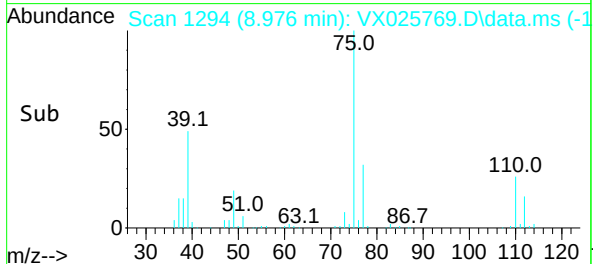
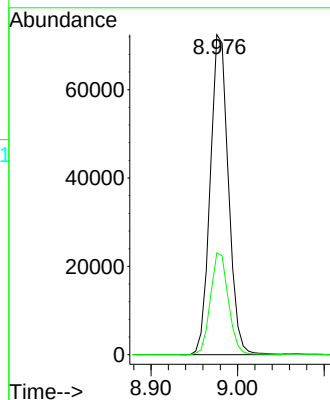
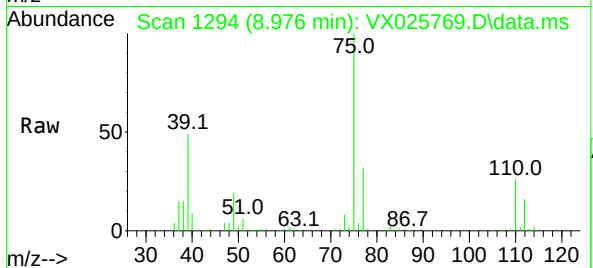
77 31.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#54

cis-1,3-Dichloropropene

Concen: 53.612 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

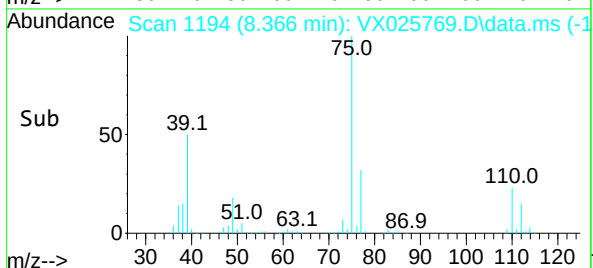
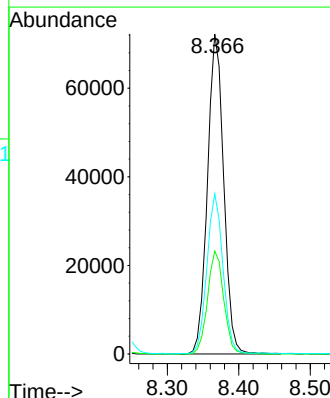
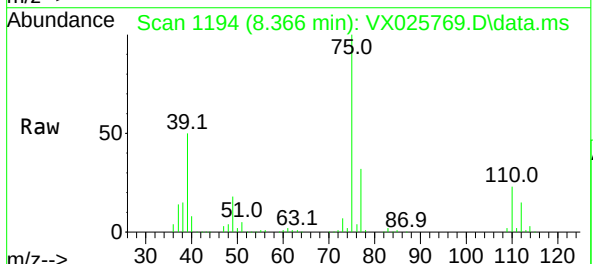
Tgt Ion: 75 Resp: 113918

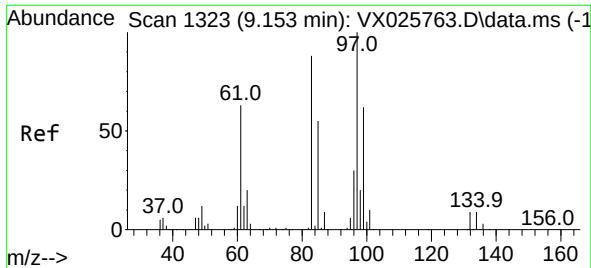
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

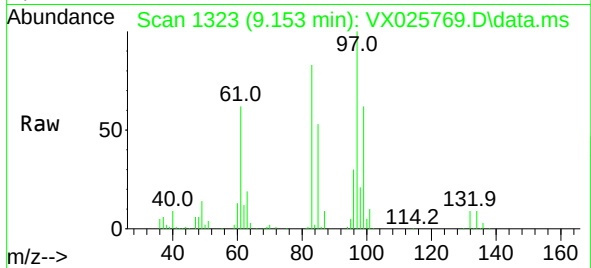
39 49.9 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 49.182 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

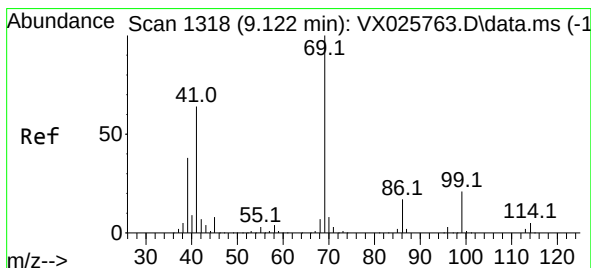
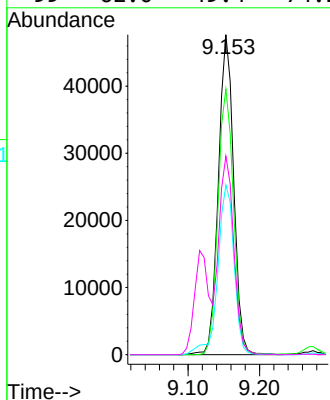
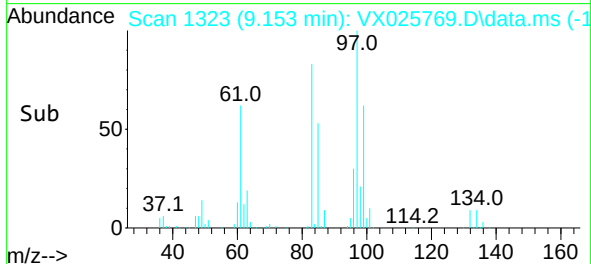
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



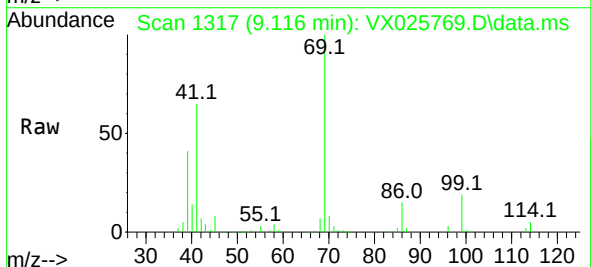
Tgt Ion: 97 Resp: 70790
Ion Ratio Lower Upper
97 100
83 83.1 70.5 105.7
85 53.0 43.8 65.6
99 62.0 49.4 74.2

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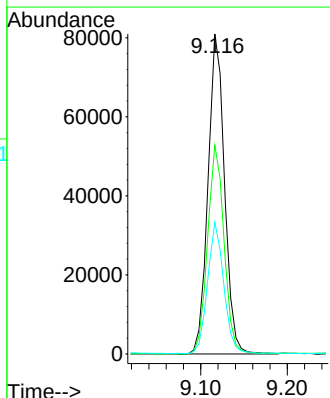
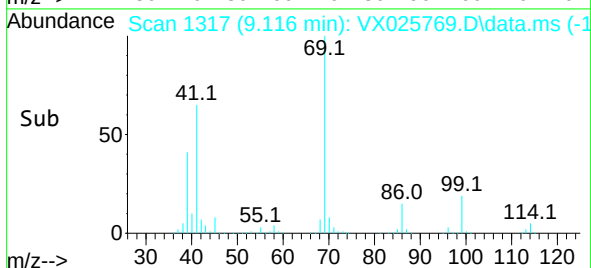
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

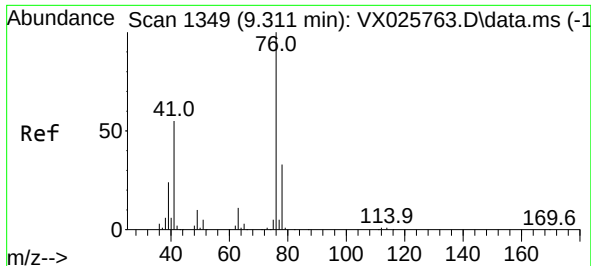


#56
Ethyl methacrylate
Concen: 51.978 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



Tgt Ion: 69 Resp: 107455
Ion Ratio Lower Upper
69 100
41 65.2 52.8 79.2
39 40.2 32.5 48.7





#57

1,3-Dichloropropane

Concen: 49.789 ug/l

RT: 9.311 min Scan# 11756

Delta R.T. -0.000 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11756

Ion Ratio Lower Upper

76 100

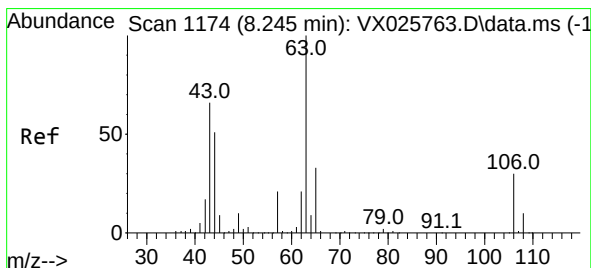
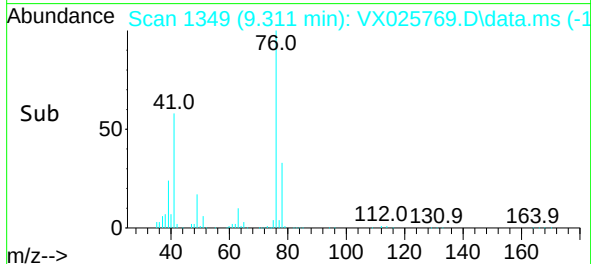
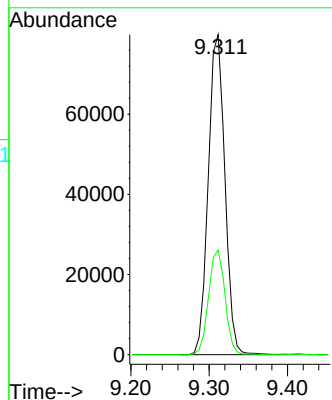
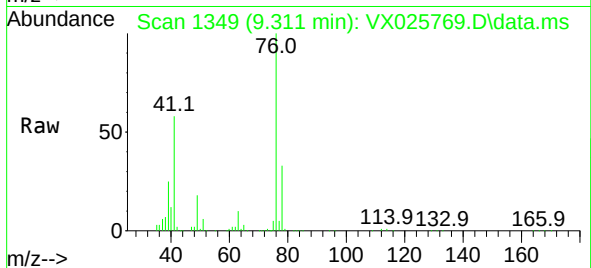
78 32.3 26.0 39.0

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#58

2-Chloroethyl Vinyl ether

Concen: 241.806 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX025769.D

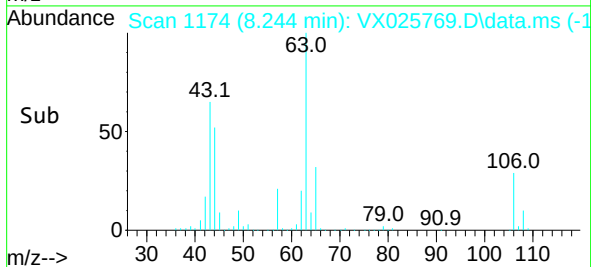
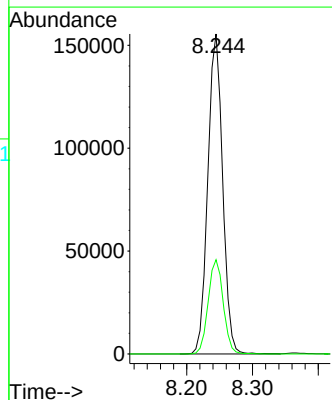
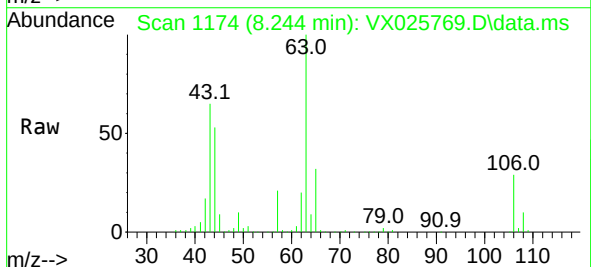
Acq: 14 Dec 2021 10:47

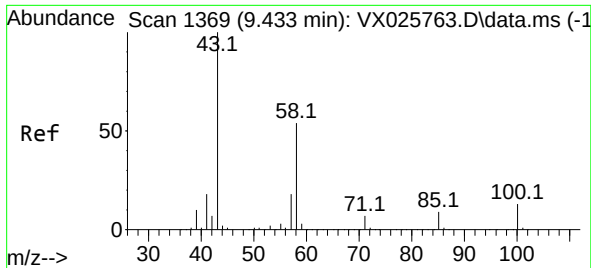
Tgt Ion: 63 Resp: 243613

Ion Ratio Lower Upper

63 100

106 29.9 24.4 36.6





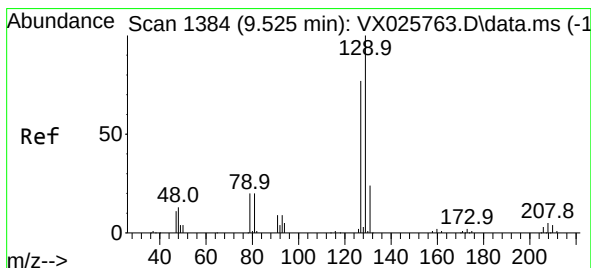
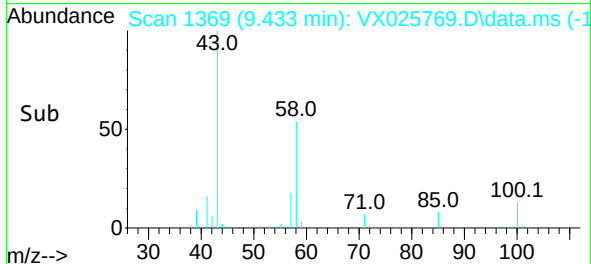
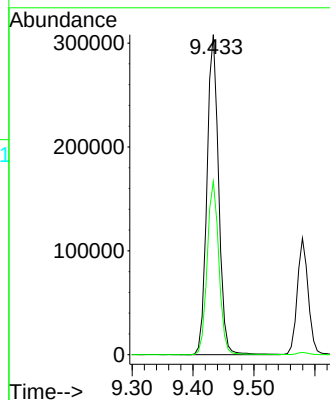
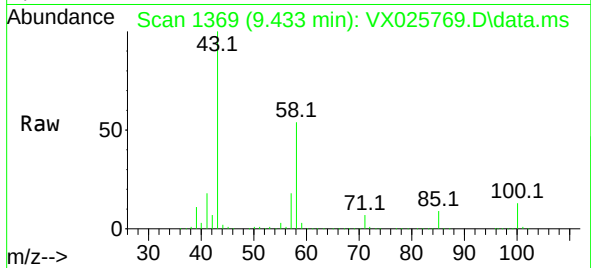
#59
2-Hexanone
Concen: 261.653 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 410248
Ion Ratio Lower Upper
43 100
58 54.4 26.9 80.6

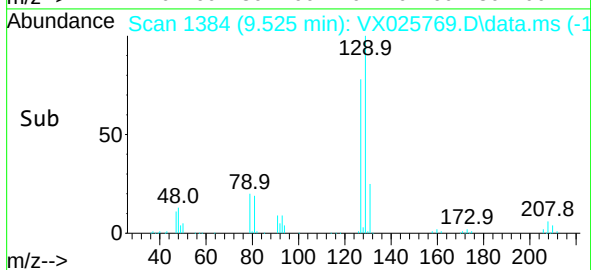
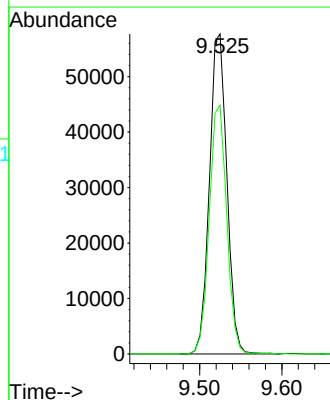
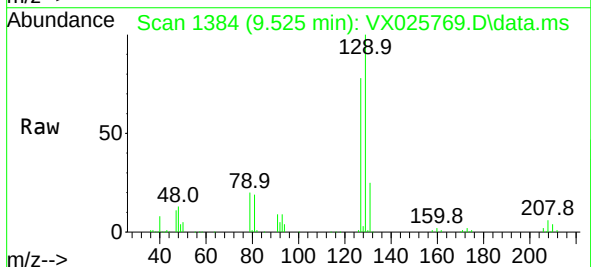
Manual Integrations
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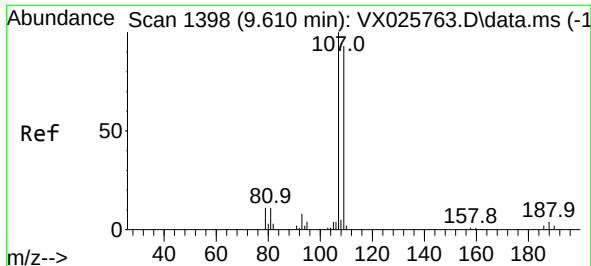
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#60
Dibromochloromethane
Concen: 51.976 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

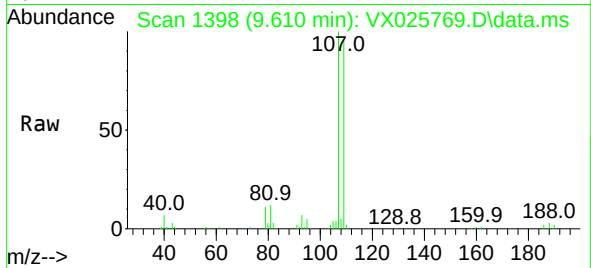
Tgt Ion:129 Resp: 84917
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7





#61
1,2-Dibromoethane
Concen: 50.208 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

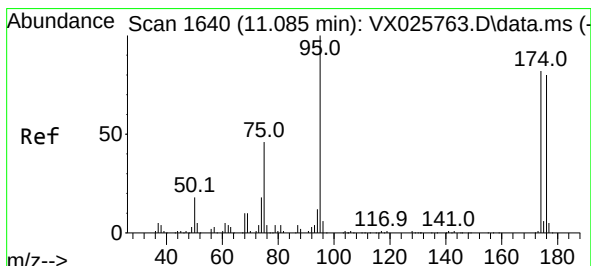
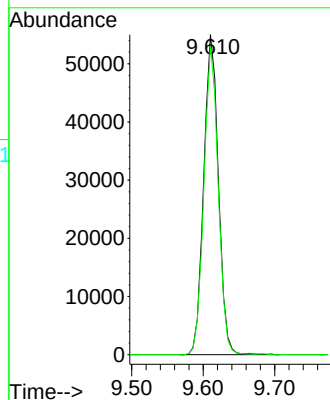
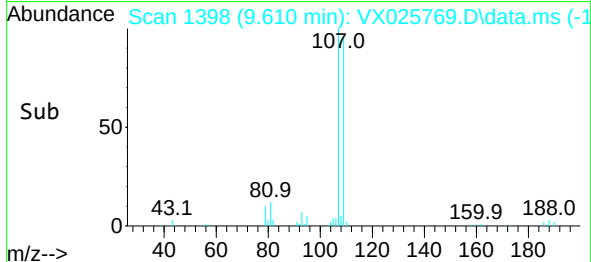
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



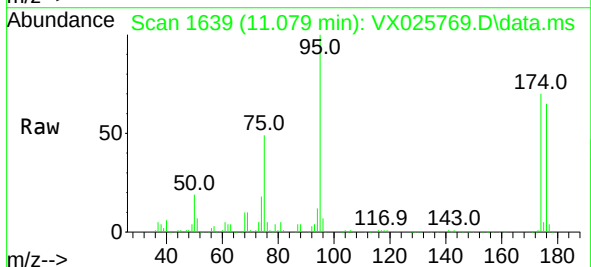
Tgt Ion:107 Resp: 78364
Ion Ratio Lower Upper
107 100
109 94.2 75.1 112.7

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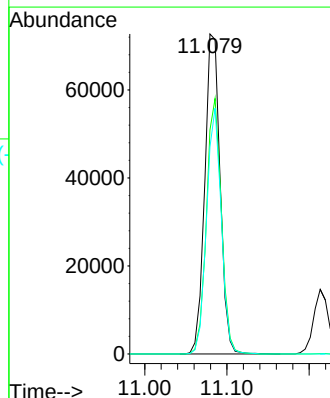
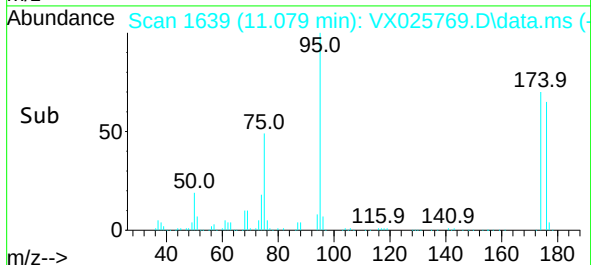
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

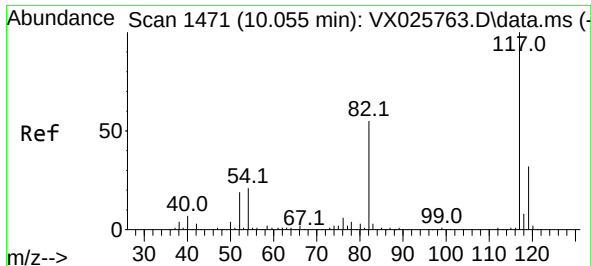


#62
4-Bromofluorobenzene
Concen: 52.253 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



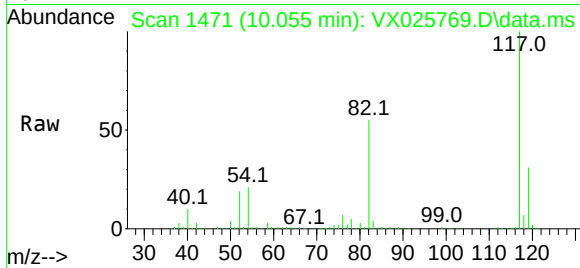
Tgt Ion: 95 Resp: 94181
Ion Ratio Lower Upper
95 100
174 77.6 0.0 157.4
176 73.8 0.0 154.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

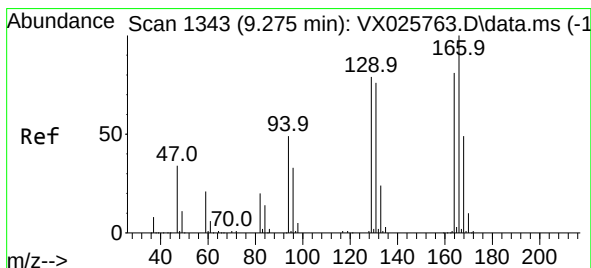
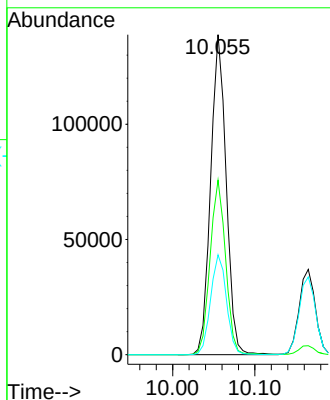
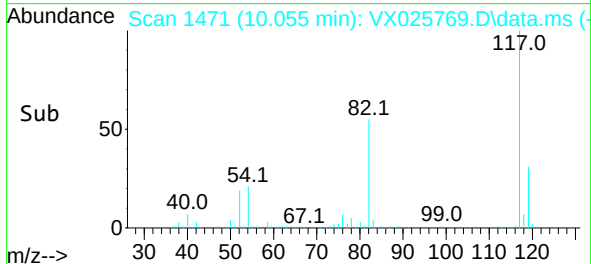
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 182118
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.6
119 31.2 25.2 37.8

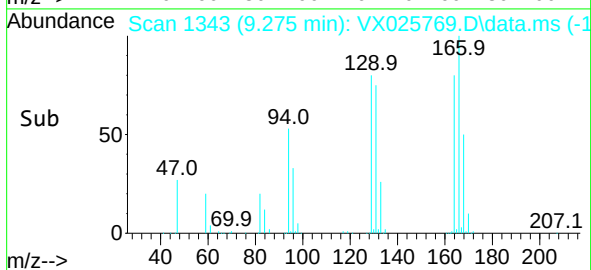
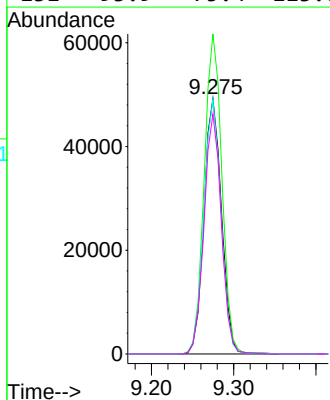
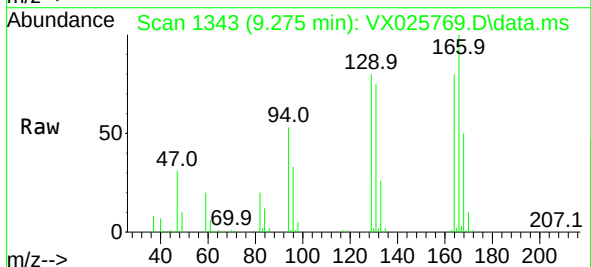
Manual Integrations
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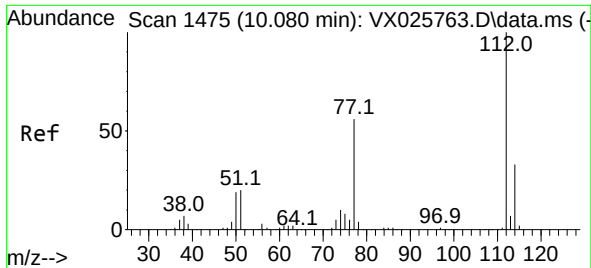
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#64
Tetrachloroethene
Concen: 50.308 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

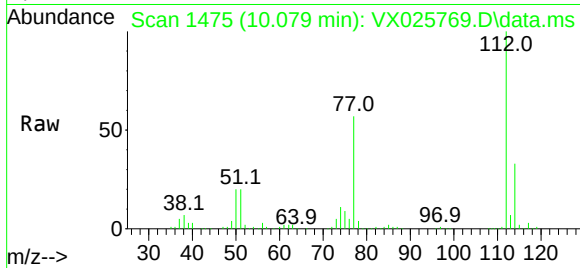
Tgt Ion:164 Resp: 73082
Ion Ratio Lower Upper
164 100
166 125.3 99.4 149.0
129 99.7 78.6 118.0
131 93.9 75.4 113.0





#65
Chlorobenzene
Concen: 50.163 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

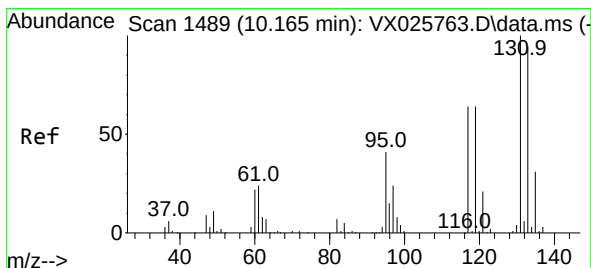
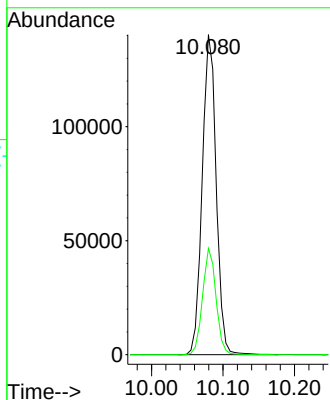
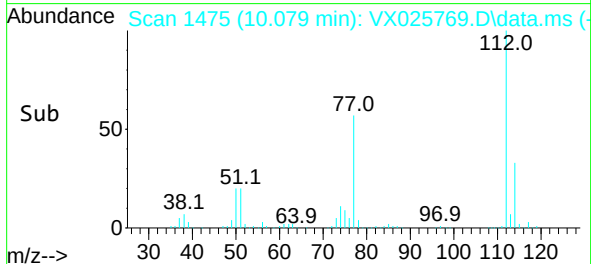
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 190430
Ion Ratio Lower Upper
112 100
114 33.2 26.6 39.8

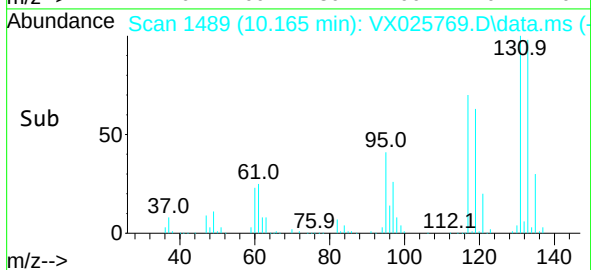
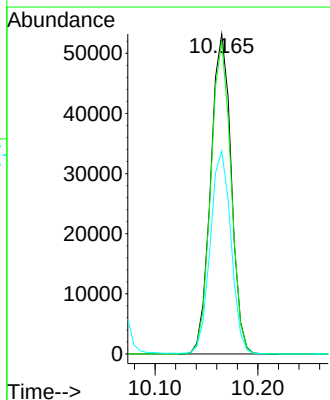
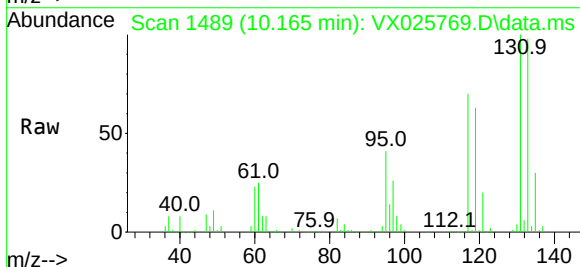
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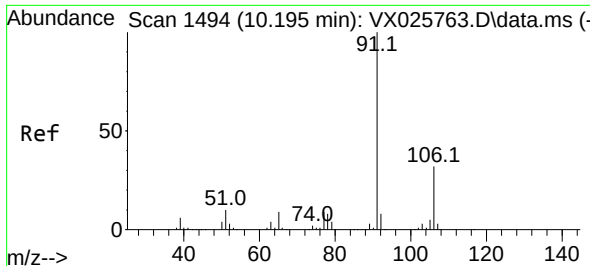
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 49.564 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Tgt Ion:131 Resp: 73474
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.3
119 64.2 31.9 95.9





#67

Ethyl Benzene

Concen: 52.459 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 33676

Ion Ratio Lower Upper

91 100

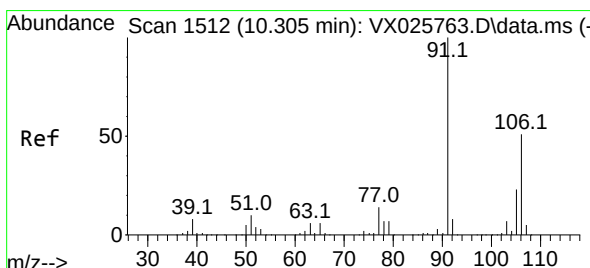
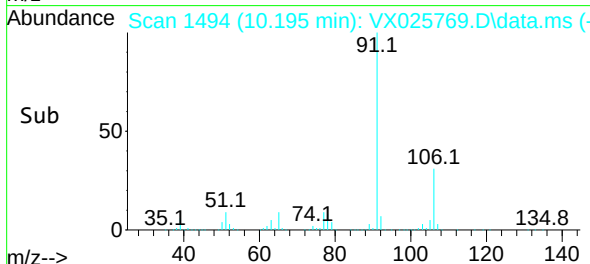
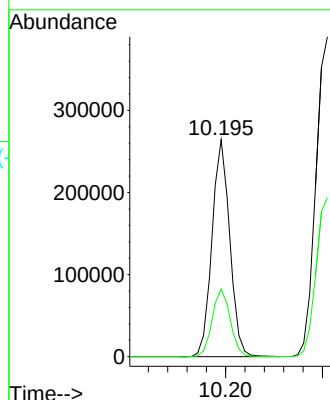
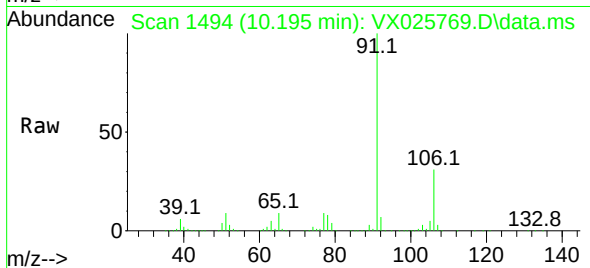
106 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#68

m/p-Xylenes

Concen: 107.044 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025769.D

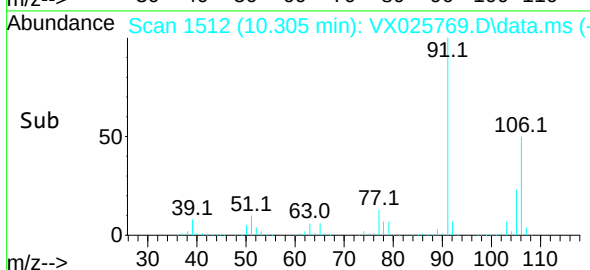
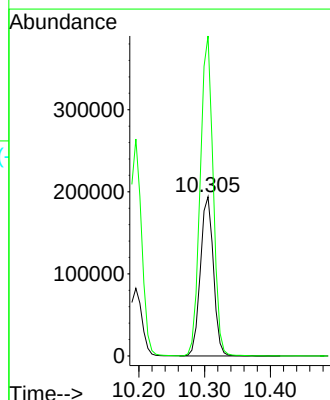
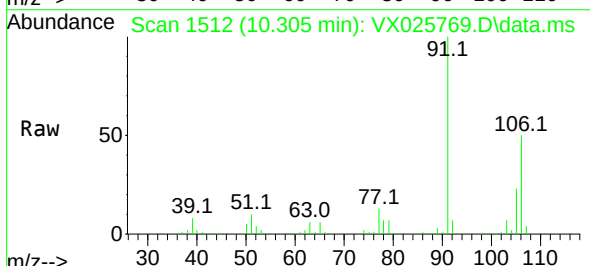
Acq: 14 Dec 2021 10:47

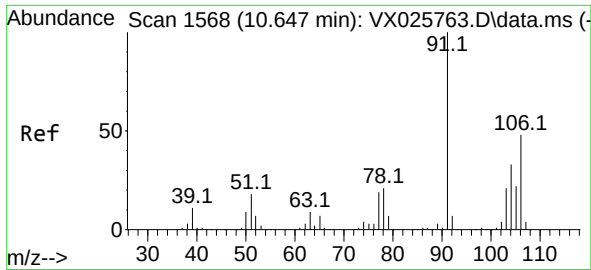
Tgt Ion:106 Resp: 267393

Ion Ratio Lower Upper

106 100

91 199.5 158.6 238.0





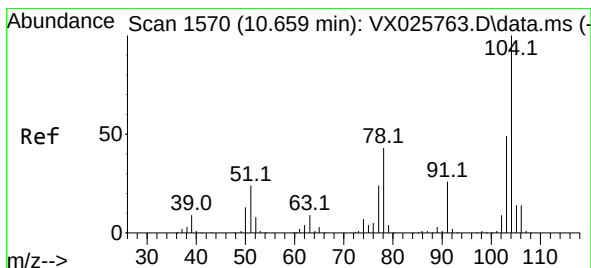
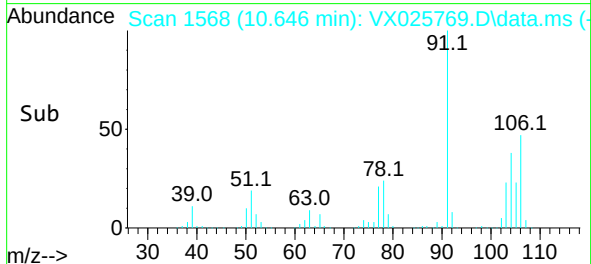
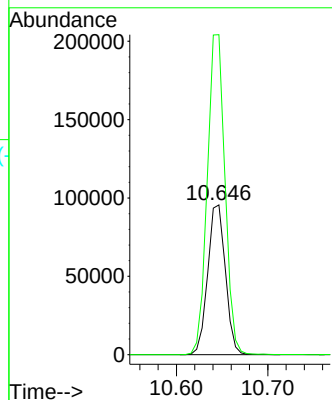
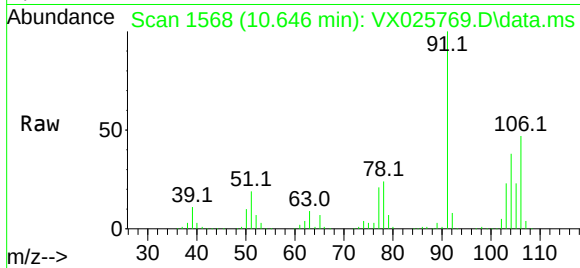
#69
o-Xylene
Concen: 52.224 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 12833
Ion Ratio Lower Upper
106 100
91 213.4 105.5 316.4

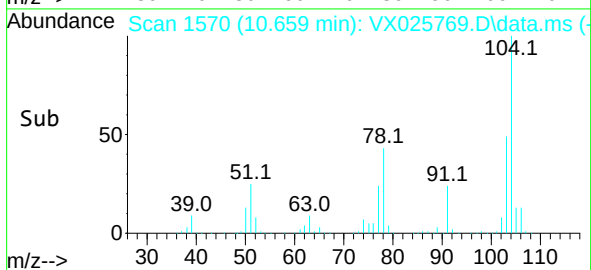
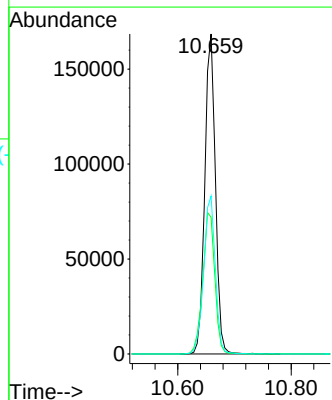
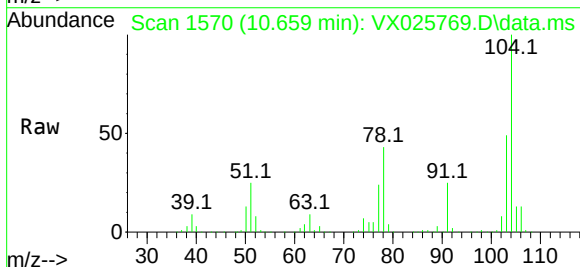
Manual Integrations
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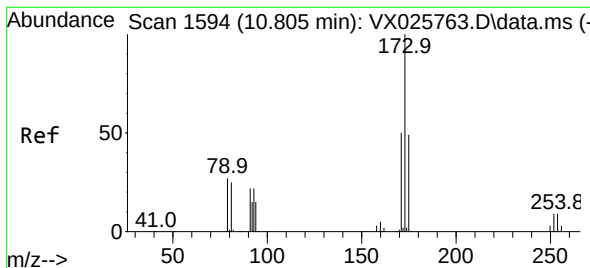
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 53.723 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Tgt Ion:104 Resp: 219681
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.6
103 54.3 43.0 64.6





#71

Bromoform

Concen: 53.002 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

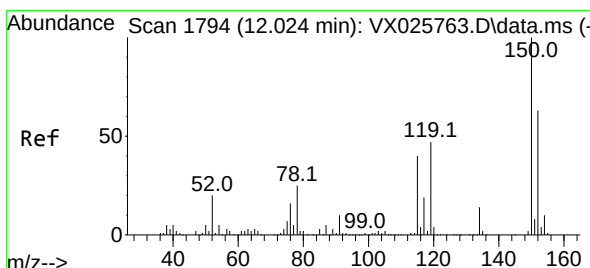
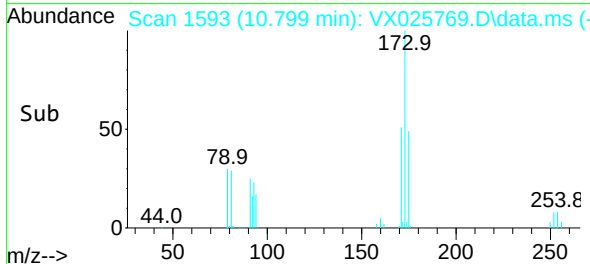
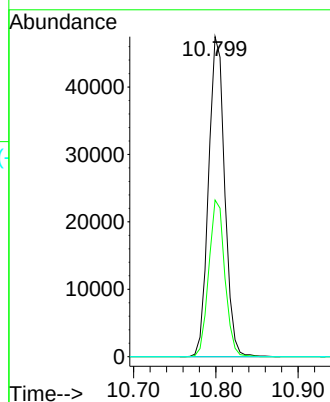
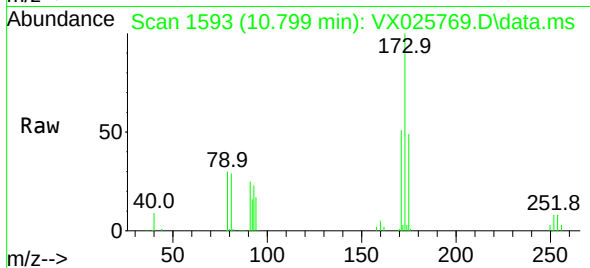
Tgt Ion:173 Resp: 64725
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.4 73.4
 254 0.0 0.1 0.1

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

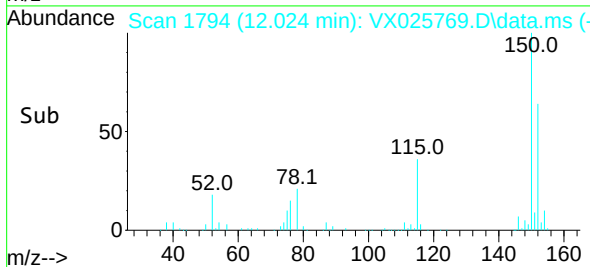
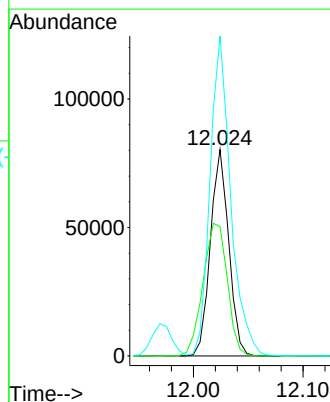
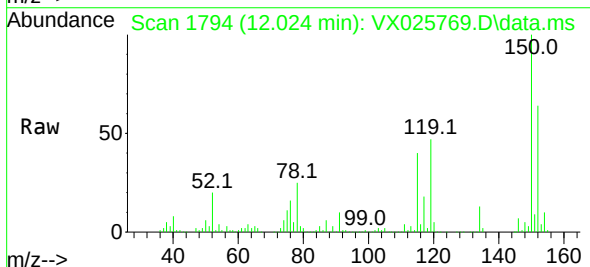
RT: 12.024 min Scan# 1794

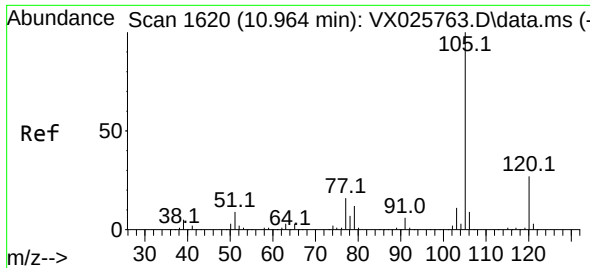
Delta R.T. -0.000 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

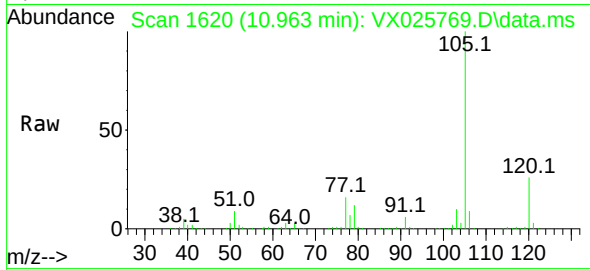
Tgt Ion:152 Resp: 93305
 Ion Ratio Lower Upper
 152 100
 115 85.2 41.3 123.9
 150 175.2 0.0 351.8





#73
Isopropylbenzene
Concen: 50.163 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

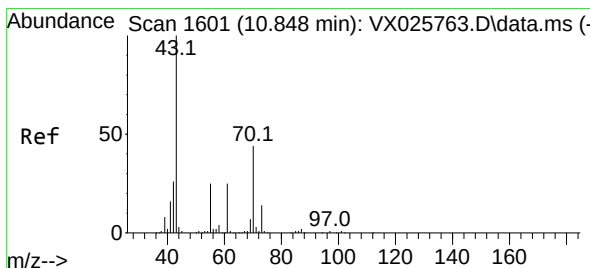
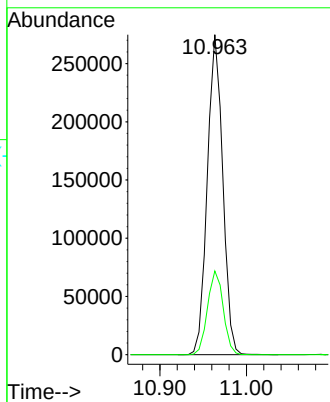
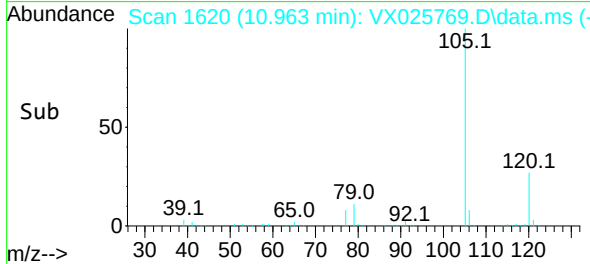
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



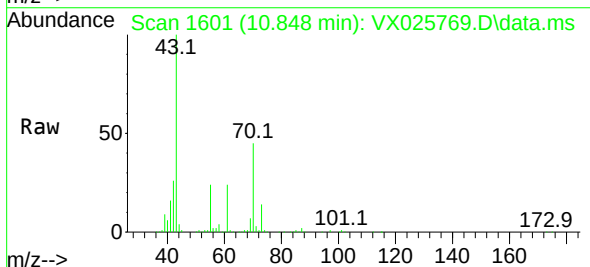
Tgt Ion:105 Resp: 339690
Ion Ratio Lower Upper
105 100
120 26.6 13.6 40.7

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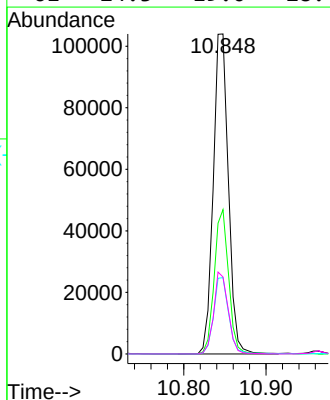
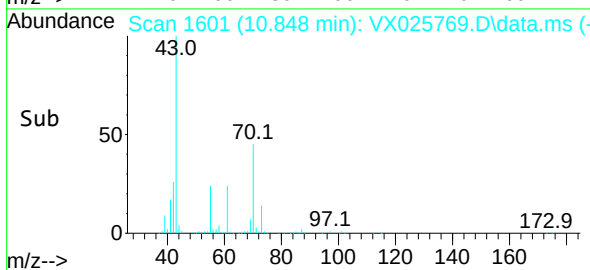
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

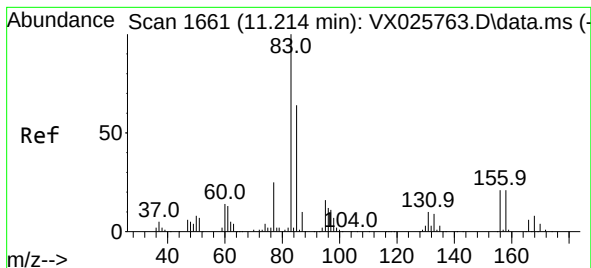


#74
N-ethyl acetate
Concen: 48.831 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



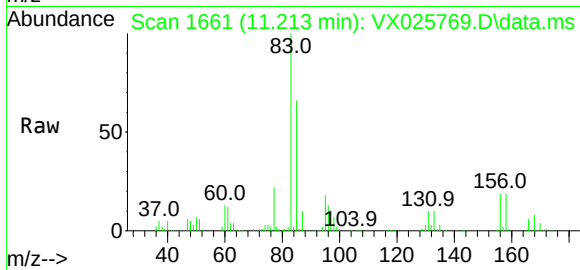
Tgt Ion: 43 Resp: 133002
Ion Ratio Lower Upper
43 100
70 42.8 34.1 51.1
55 23.9 19.2 28.8
61 24.3 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 45.340 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

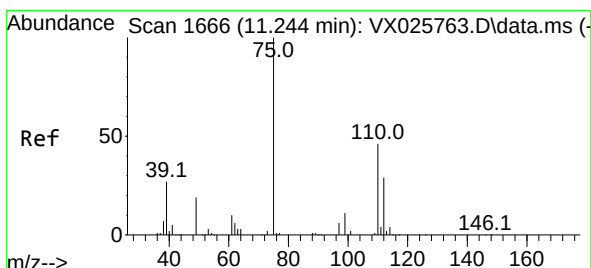
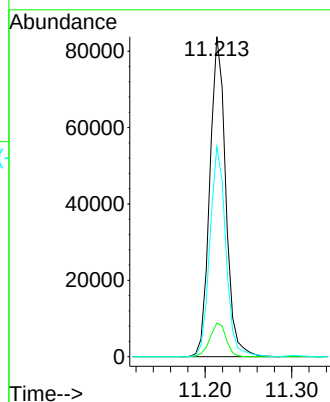
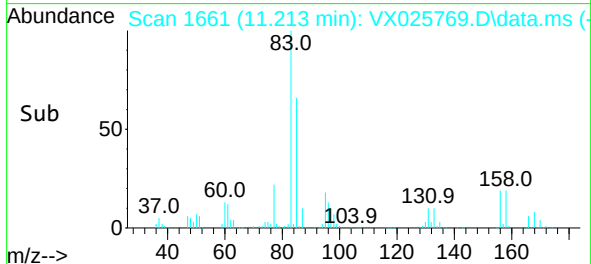
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



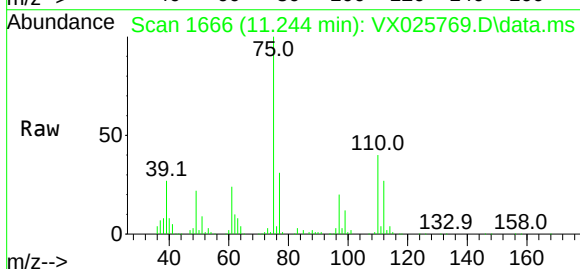
Tgt Ion: 83 Resp: 107000
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 65.4 31.6 95.0

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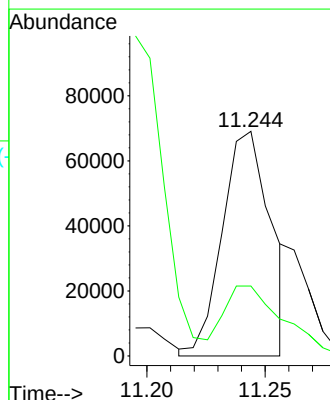
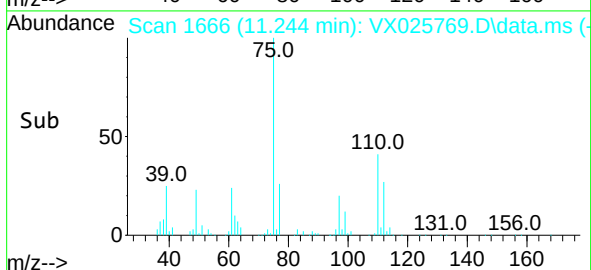
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

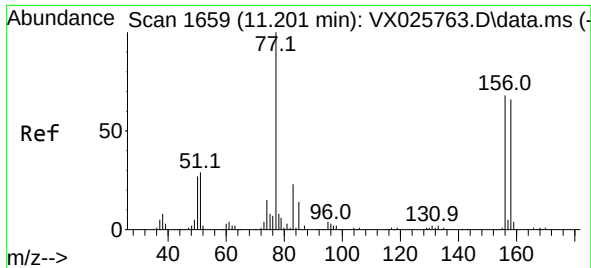


#76
1,2,3-Trichloropropane
Concen: 45.904 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



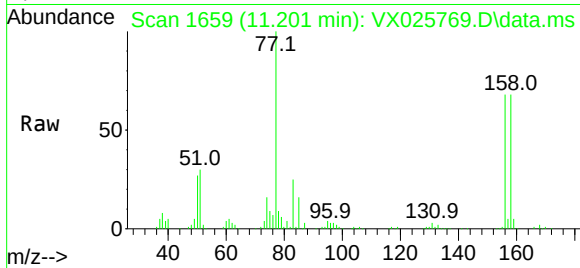
Tgt Ion: 75 Resp: 98132
Ion Ratio Lower Upper
75 100
77 38.1 19.0 57.0





#77
Bromobenzene
Concen: 47.966 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

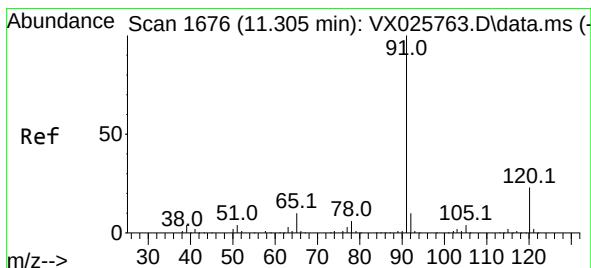
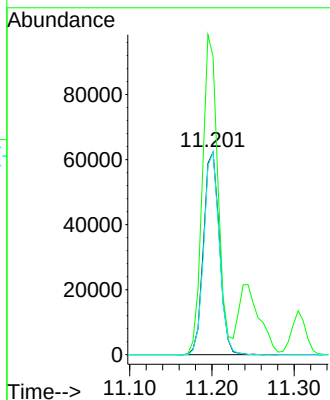
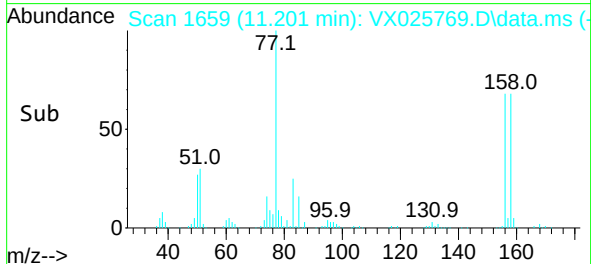
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



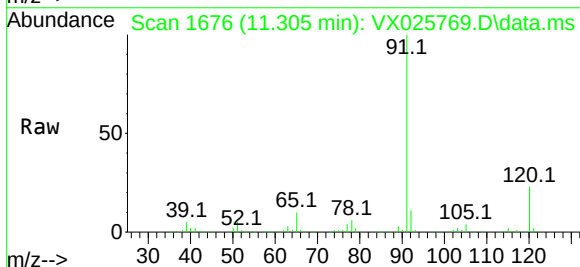
Tgt Ion:156 Resp: 83310
Ion Ratio Lower Upper
156 100
77 155.6 78.2 234.6
158 97.9 48.6 145.9

Manual Integrations
APPROVED

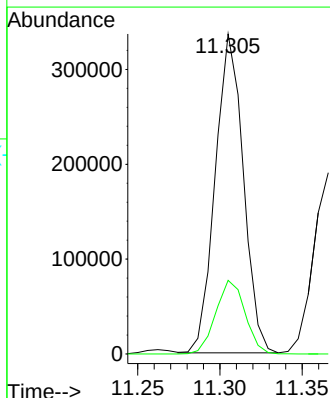
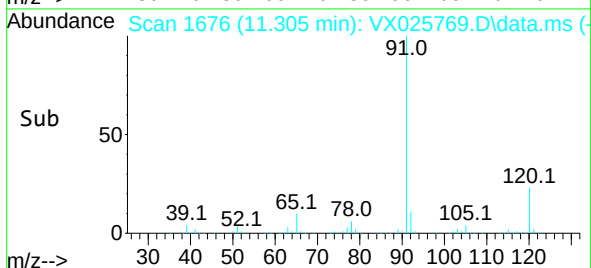
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

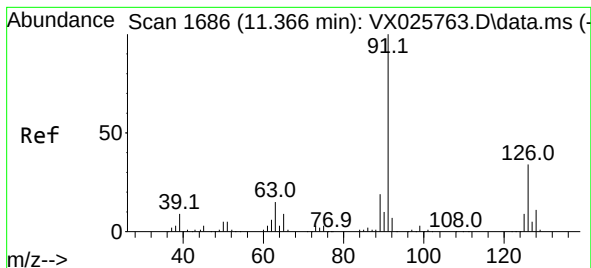


#78
n-propylbenzene
Concen: 52.175 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



Tgt Ion: 91 Resp: 399637
Ion Ratio Lower Upper
91 100
120 24.1 12.0 36.1





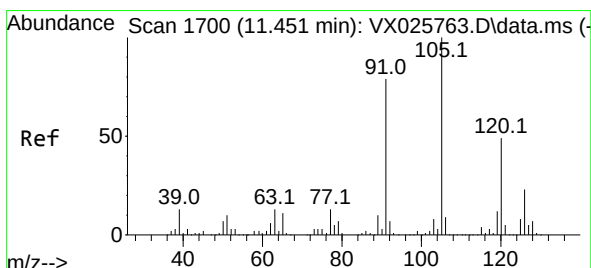
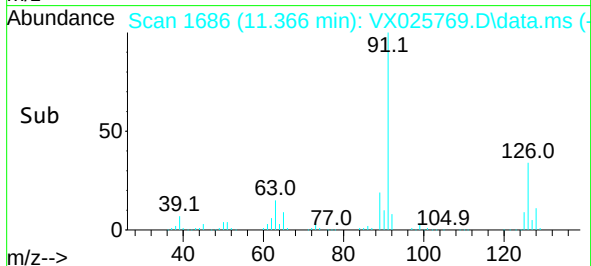
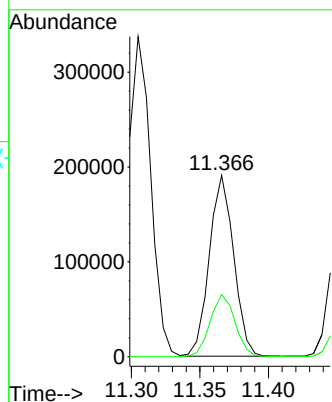
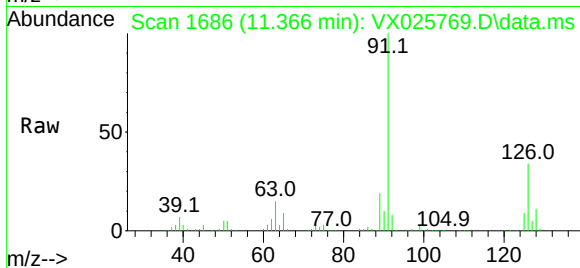
#79
2-Chlorotoluene
Concen: 48.498 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 236223
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.3

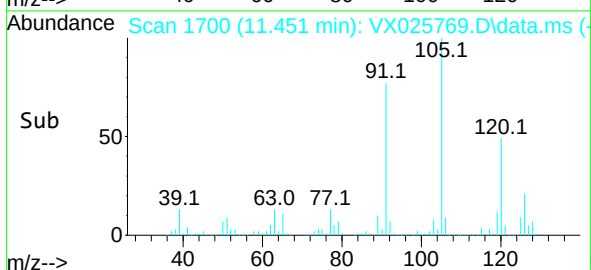
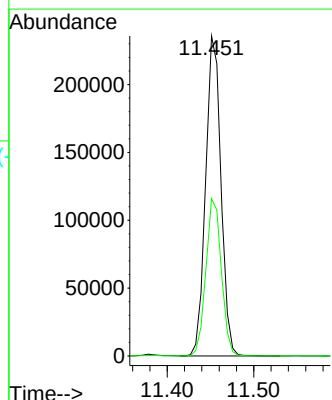
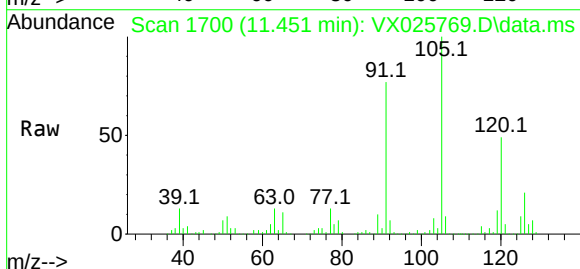
Manual Integrations
APPROVED

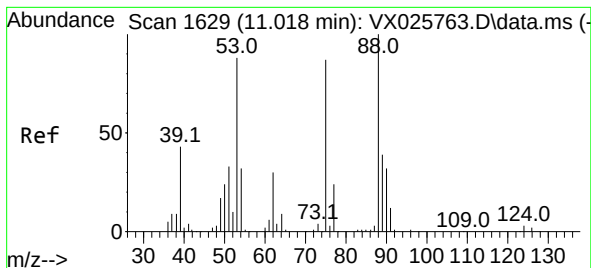
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 51.624 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

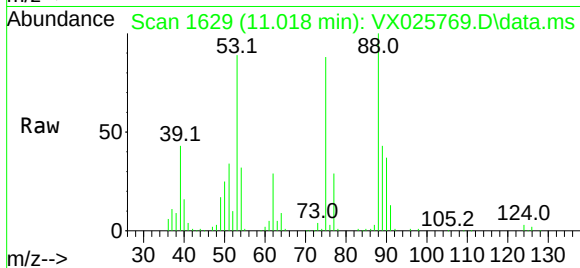
Tgt Ion:105 Resp: 289932
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 50.445 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

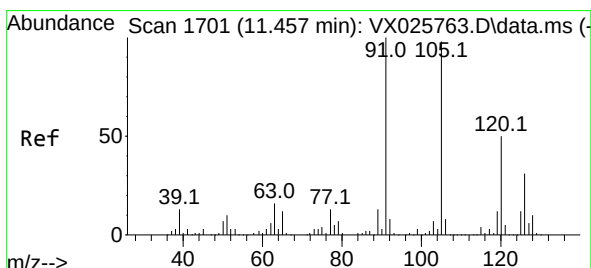
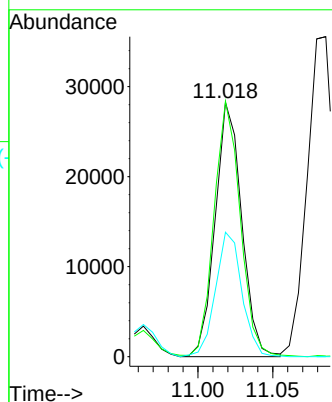
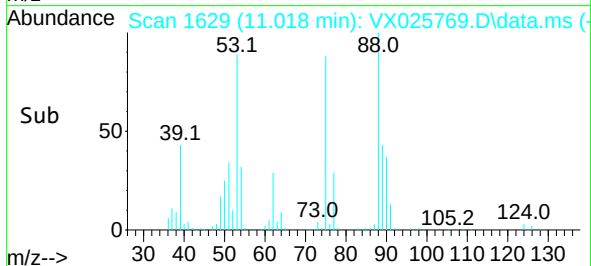
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



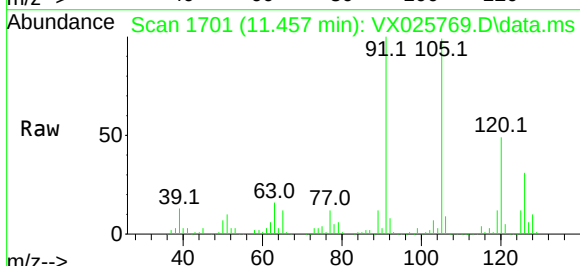
Tgt Ion: 75 Resp: 34784
Ion Ratio Lower Upper
75 100
53 99.4 79.5 119.3
89 48.8 38.3 57.5

Manual Integrations
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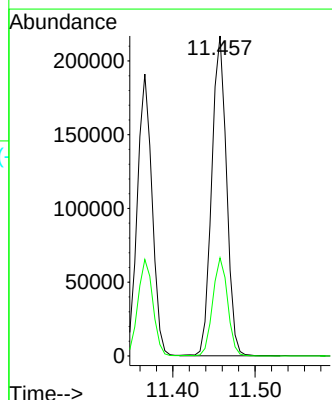
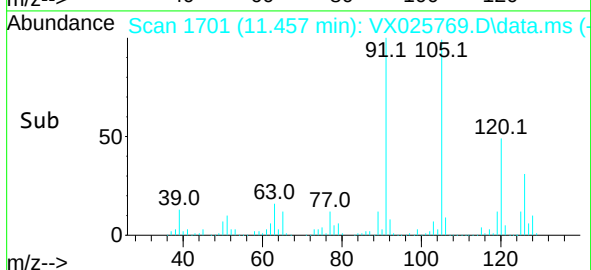
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

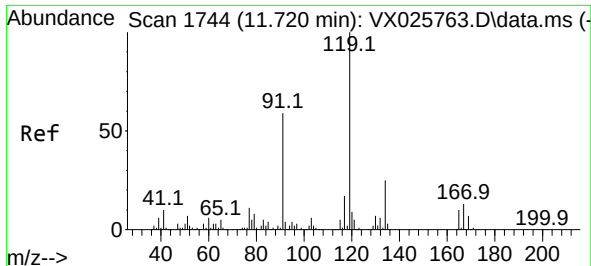


#82
4-Chlorotoluene
Concen: 49.948 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



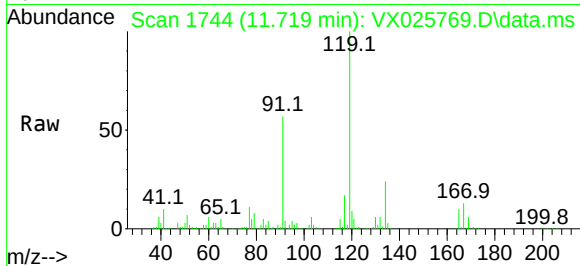
Tgt Ion: 91 Resp: 272430
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7





#83
tert-Butylbenzene
Concen: 51.129 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

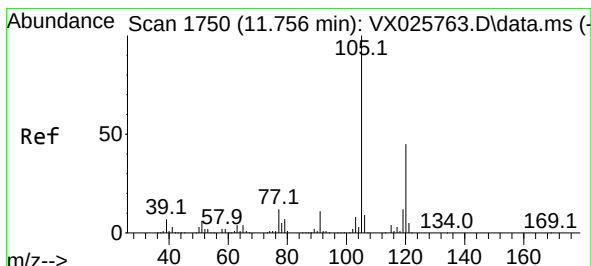
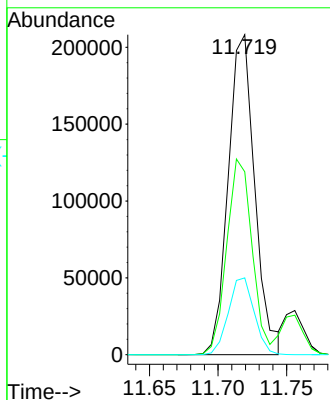
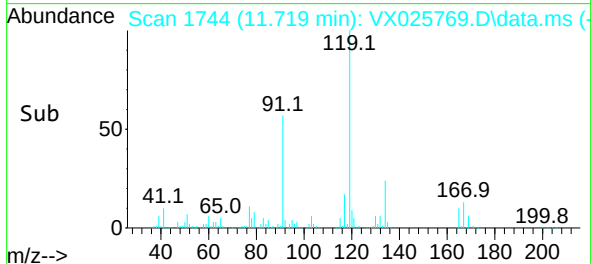
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



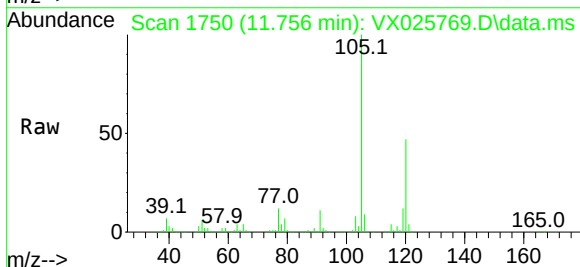
Tgt Ion:119 Resp: 281460
Ion Ratio Lower Upper
119 100
91 58.3 28.7 86.1
134 23.3 11.9 35.9

Manual Integrations
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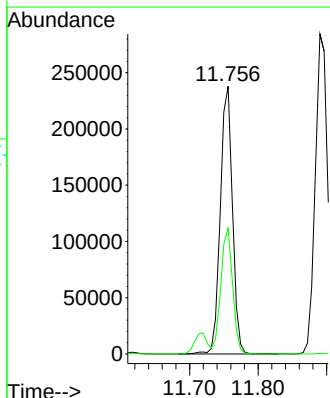
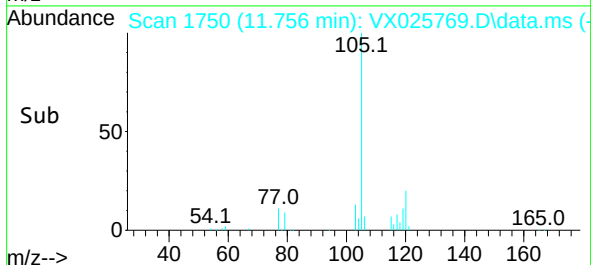
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

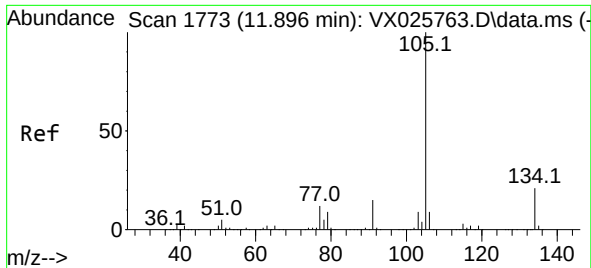


#84
1,2,4-Trimethylbenzene
Concen: 51.837 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



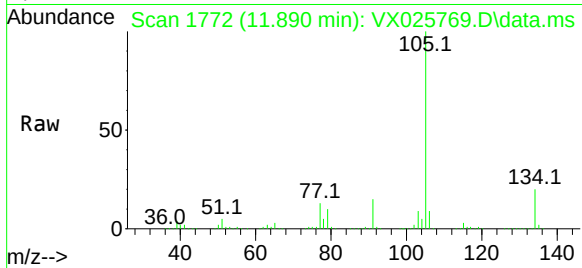
Tgt Ion:105 Resp: 290827
Ion Ratio Lower Upper
105 100
120 45.7 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 54.118 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX025769.D
 Acq: 14 Dec 2021 10:47

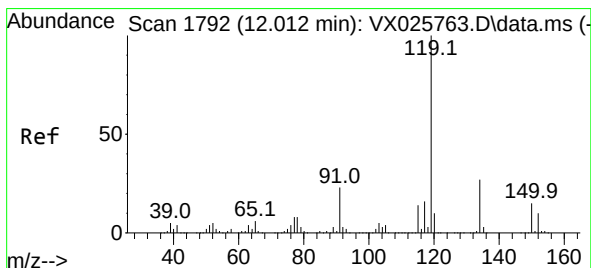
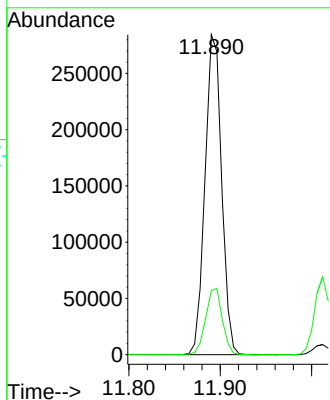
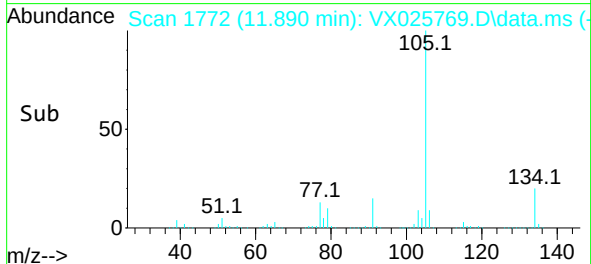
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



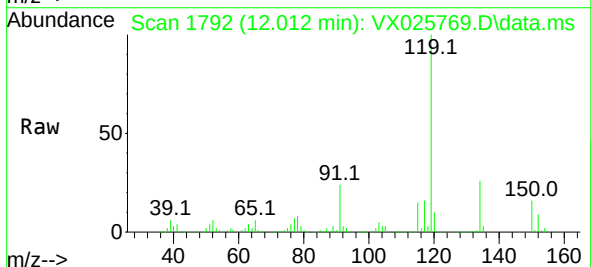
Tgt Ion:105 Resp: 35808
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

Manual Integrations
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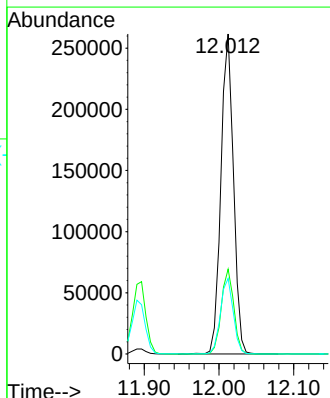
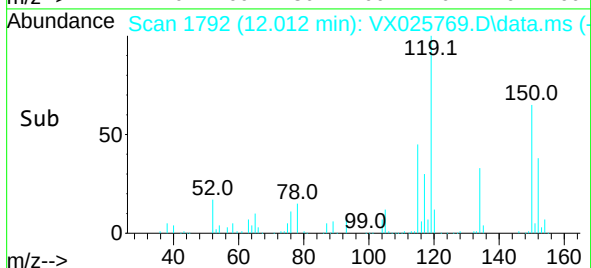
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021

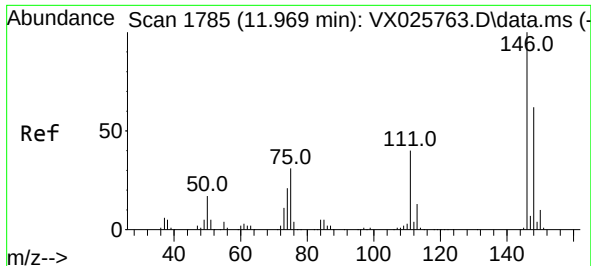


#86
 p-Isopropyltoluene
 Concen: 54.934 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX025769.D
 Acq: 14 Dec 2021 10:47



Tgt Ion:119 Resp: 305264
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 24.1 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 49.800 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 16117

Ion Ratio Lower Upper

146 100

111 40.3 19.9 59.6

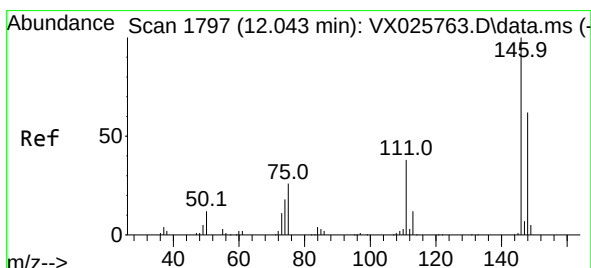
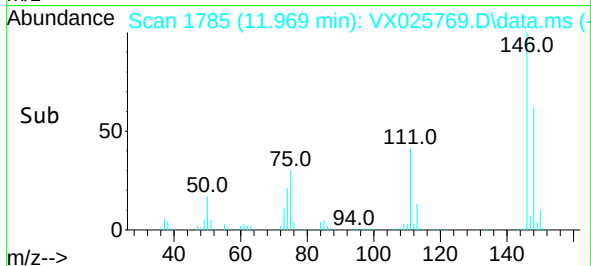
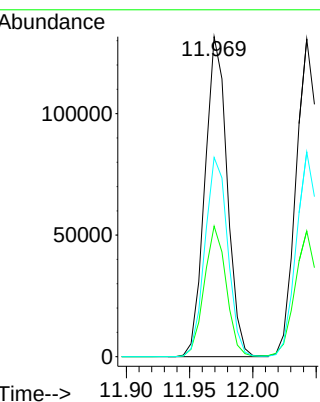
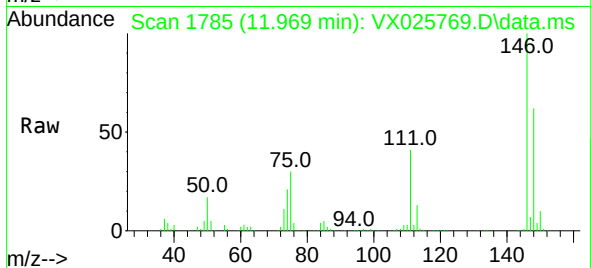
148 63.7 31.9 95.5

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#88

1,4-Dichlorobenzene

Concen: 48.994 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

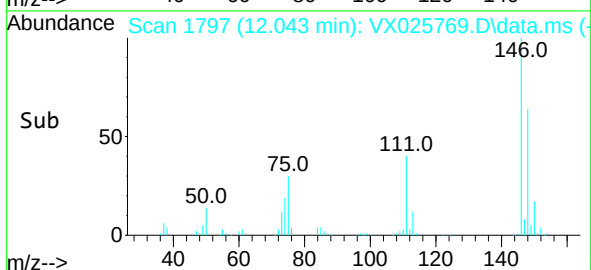
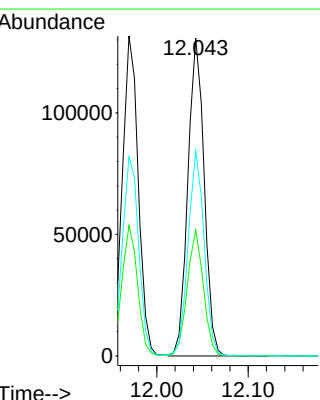
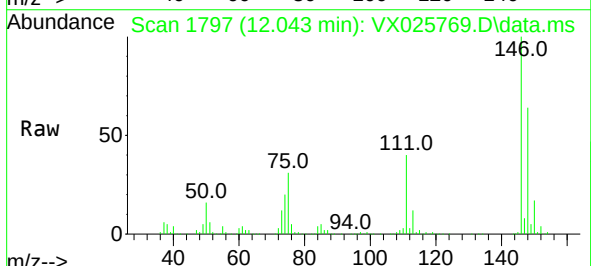
Tgt Ion:146 Resp: 161887

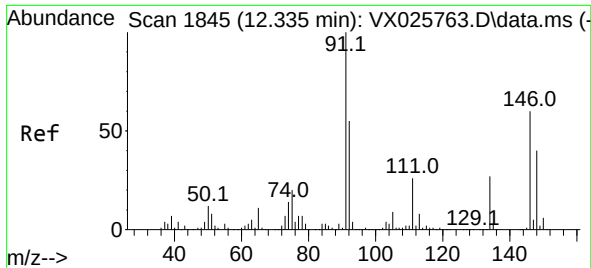
Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

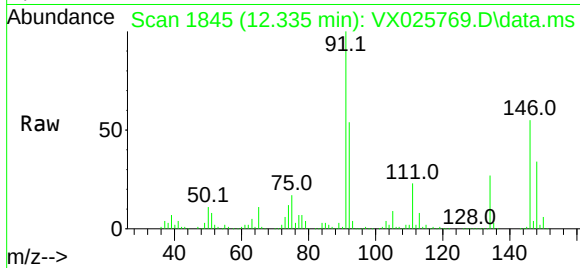
148 63.6 31.9 95.7





#89
n-Butylbenzene
Concen: 55.755 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

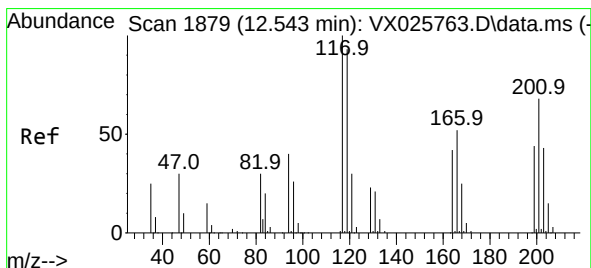
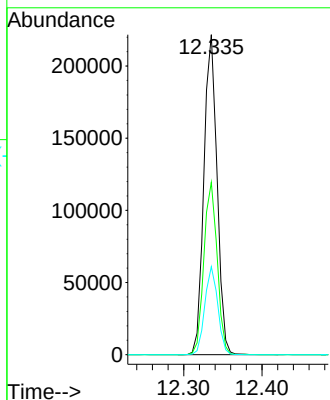
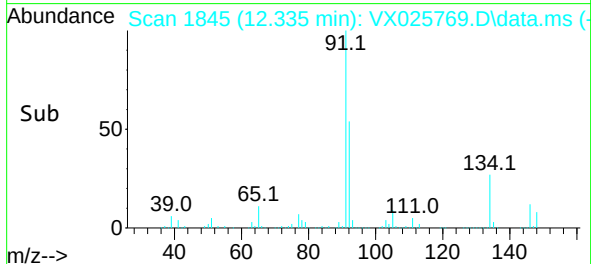
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



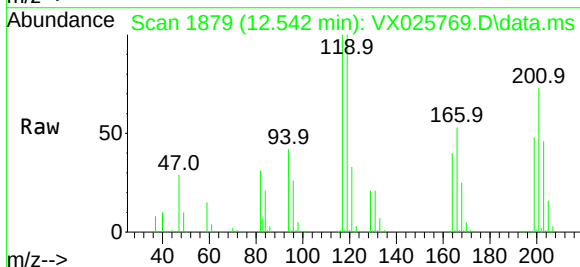
Tgt Ion: 91 Resp: 25844
Ion Ratio Lower Upper
91 100
92 54.3 27.3 81.8
134 27.0 13.5 40.4

Manual Integrations
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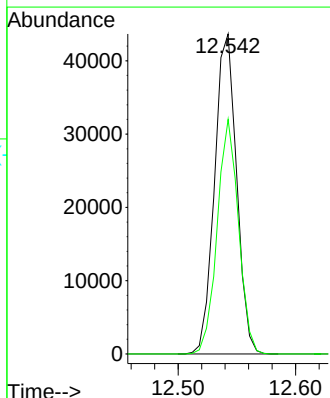
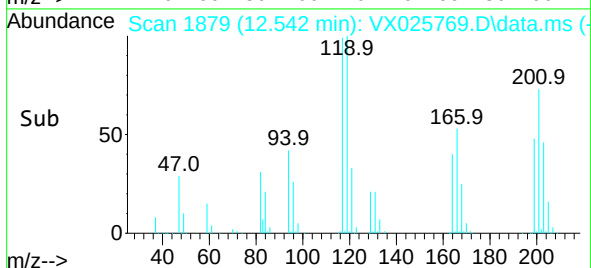
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

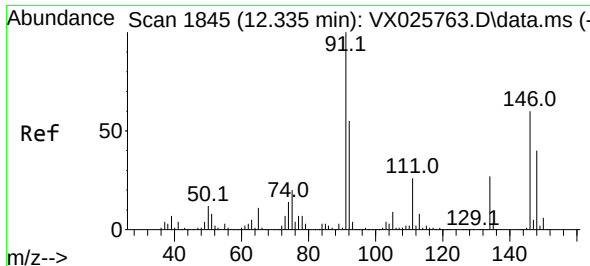


#90
Hexachloroethane
Concen: 52.150 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



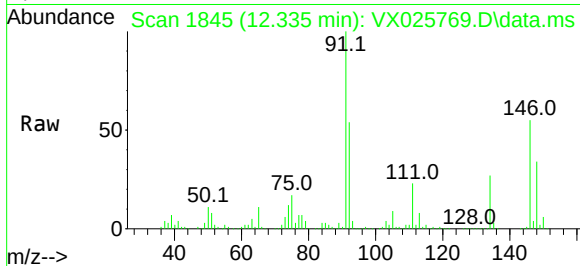
Tgt Ion:117 Resp: 56954
Ion Ratio Lower Upper
117 100
201 70.7 35.4 106.3





#91
1,2-Dichlorobenzene
Concen: 50.014 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

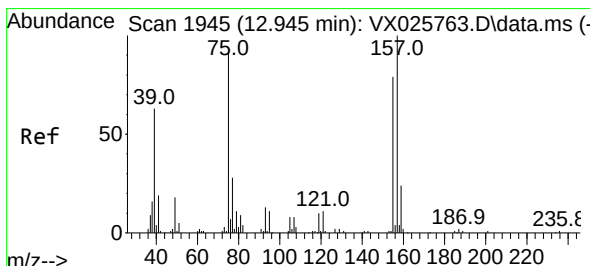
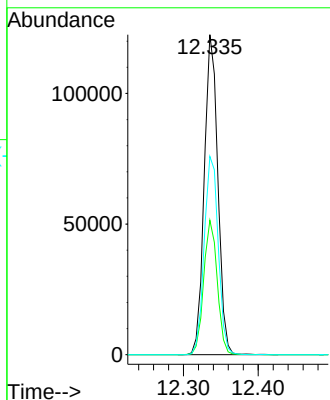
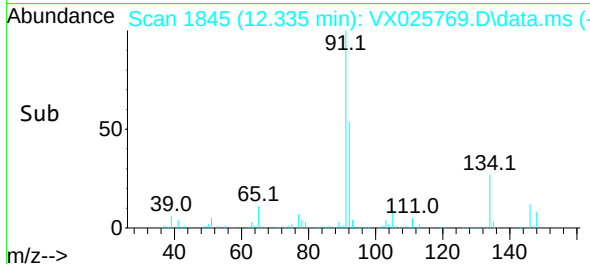
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



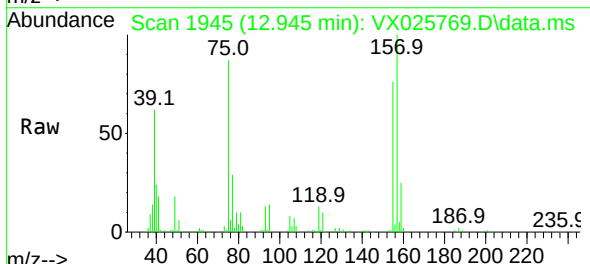
Tgt Ion:146 Resp: 154578
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.9
148 64.2 31.9 95.7

Manual Integrations
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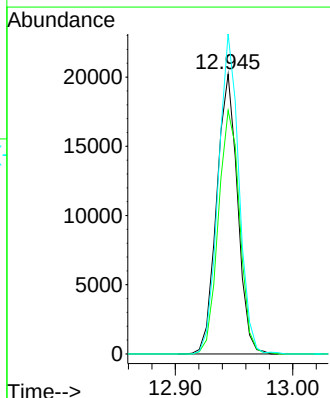
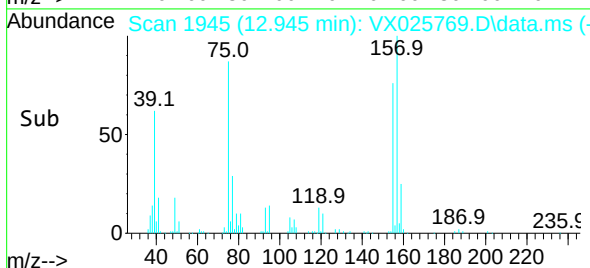
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

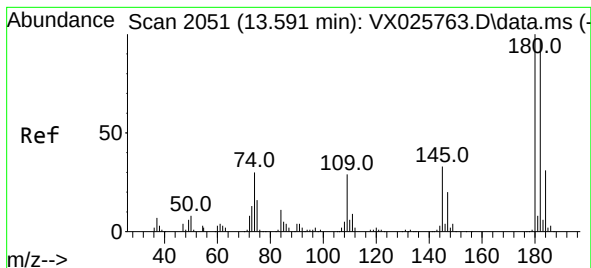


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.015 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



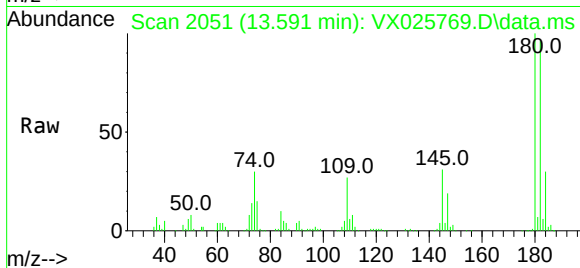
Tgt Ion: 75 Resp: 24935
Ion Ratio Lower Upper
75 100
155 88.6 44.0 131.8
157 112.7 55.5 166.5





#93
1,2,4-Trichlorobenzene
Concen: 48.321 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47

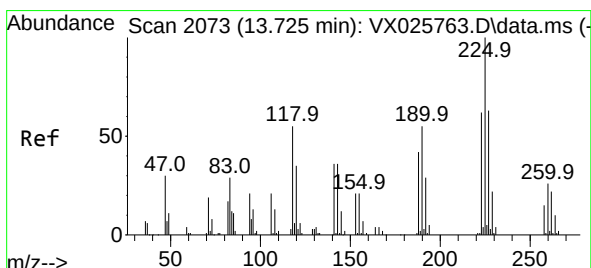
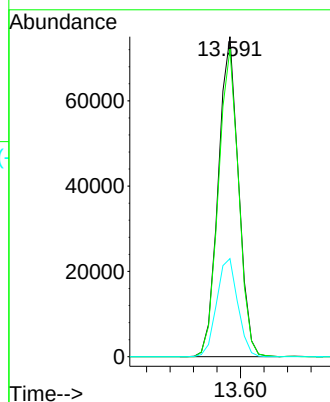
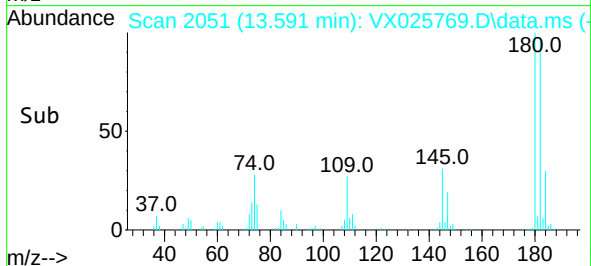
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



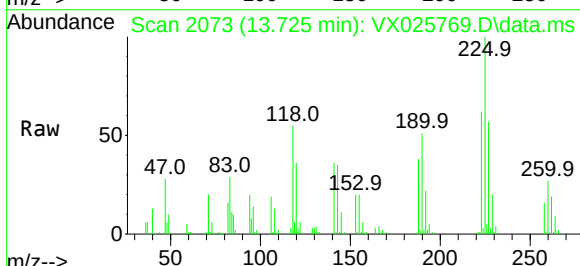
Tgt Ion:180 Resp: 8976
Ion Ratio Lower Upper
180 100
182 96.1 47.2 141.6
145 31.9 16.3 48.9

Manual Integrations
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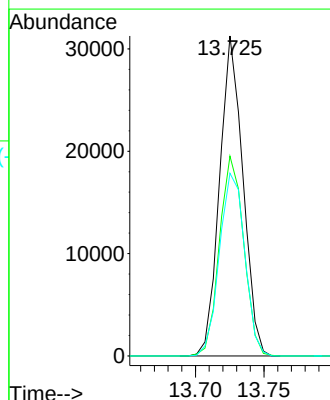
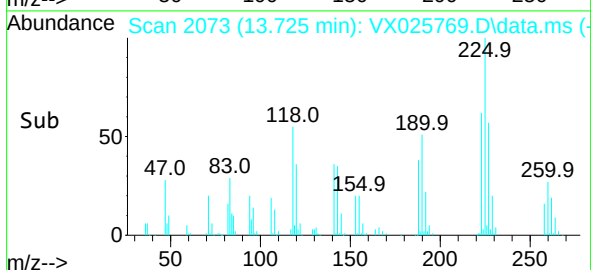
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

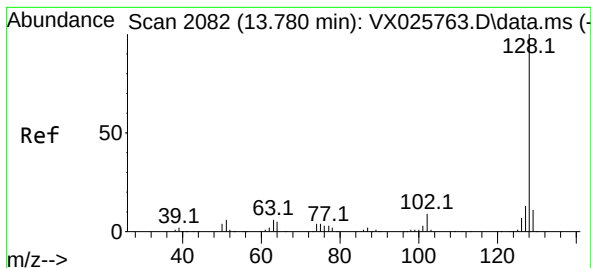


#94
Hexachlorobutadiene
Concen: 56.182 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX025769.D
Acq: 14 Dec 2021 10:47



Tgt Ion:225 Resp: 36936
Ion Ratio Lower Upper
225 100
223 64.9 31.6 95.0
227 61.9 32.5 97.5





#95

Naphthalene

Concen: 48.816 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 31074

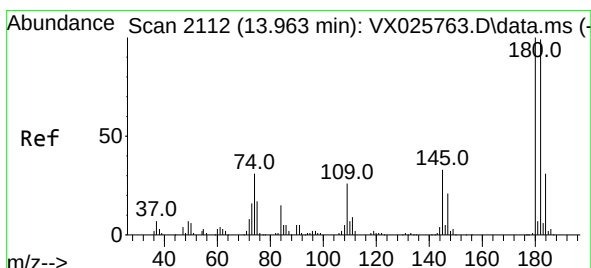
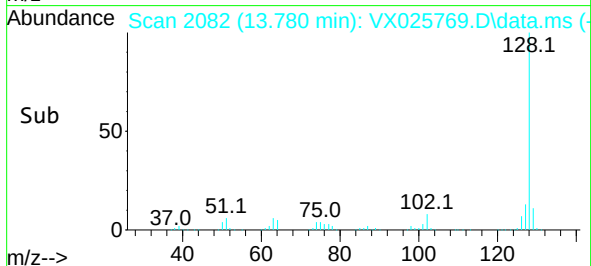
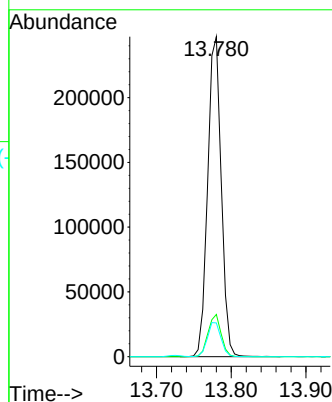
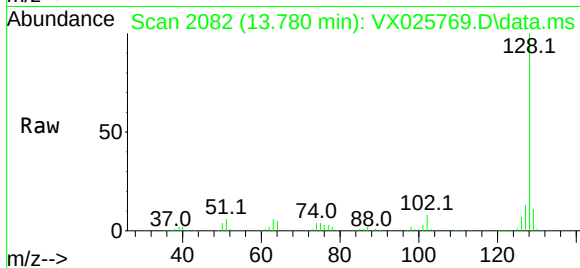
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#96

1,2,3-Trichlorobenzene

Concen: 49.643 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX025769.D

Acq: 14 Dec 2021 10:47

Tgt Ion:180 Resp: 91482

Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.5	142.6
145	33.1	16.7	50.1

