

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032921\
 Data File : VW020808.D
 Acq On : 29 Mar 2021 16:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05096

Quant Time: Mar 30 04:45:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 04:39:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	685237	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	664844	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	395139	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	190377	39.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.26%		
7) Chloroethane-d5	1.568	69	160535	43.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.30%		
11) 1,1-Dichloroethene-d2	2.111	63	416592	45.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.78%		
21) 2-Butanone-d5	3.879	46	288115	91.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.03%		
24) Chloroform-d	4.349	84	473883	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.02%		
26) 1,2-Dichloroethane-d4	5.034	65	311850	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.92%		
32) Benzene-d6	5.053	84	859238	48.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.98%		
36) 1,2-Dichloropropane-d6	6.072	67	255031	46.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.76%		
41) Toluene-d8	7.316	98	838484	50.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.66%		
43) trans-1,3-Dichloroprop...	7.622	79	145813	50.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.74%		
47) 2-Hexanone-d5	8.088	63	224228	98.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.30%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	375203	47.34	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.68%		
64) 1,2-Dichlorobenzene-d4	11.631	152	367088	47.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.74%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	297971	46.41	ug/L	100
3) Chloromethane	1.243	50	205518	40.10	ug/L	98
5) Vinyl chloride	1.310	62	226426	43.25	ug/L	100
6) Bromomethane	1.523	94	152334	46.15	ug/L	99
8) Chloroethane	1.584	64	132463	43.80	ug/L	100
9) Trichlorofluoromethane	1.754	101	434536	48.56	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	216886	50.42	ug/L	97
12) 1,1-Dichloroethene	2.117	96	192551	48.15	ug/L	93
13) Acetone	2.175	43	224590	99.51	ug/L	100
14) Carbon disulfide	2.294	76	594390	44.95	ug/L	100
15) Methyl Acetate	2.432	43	209749	44.52	ug/L	95
16) Methylene chloride	2.506	84	230435	47.25	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	221803	48.37	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	689268	48.48	ug/L	99
19) 1,1-Dichloroethane	3.191	63	405146	47.56	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	236572	48.22	ug/L	98
22) 2-Butanone	3.966	43	323585	97.95	ug/L	96
23) Bromochloromethane	4.249	128	135218	51.20	ug/L	90
25) Chloroform	4.378	83	450884	49.76	ug/L	97
27) 1,2-Dichloroethane	5.130	62	364392	50.34	ug/L	99

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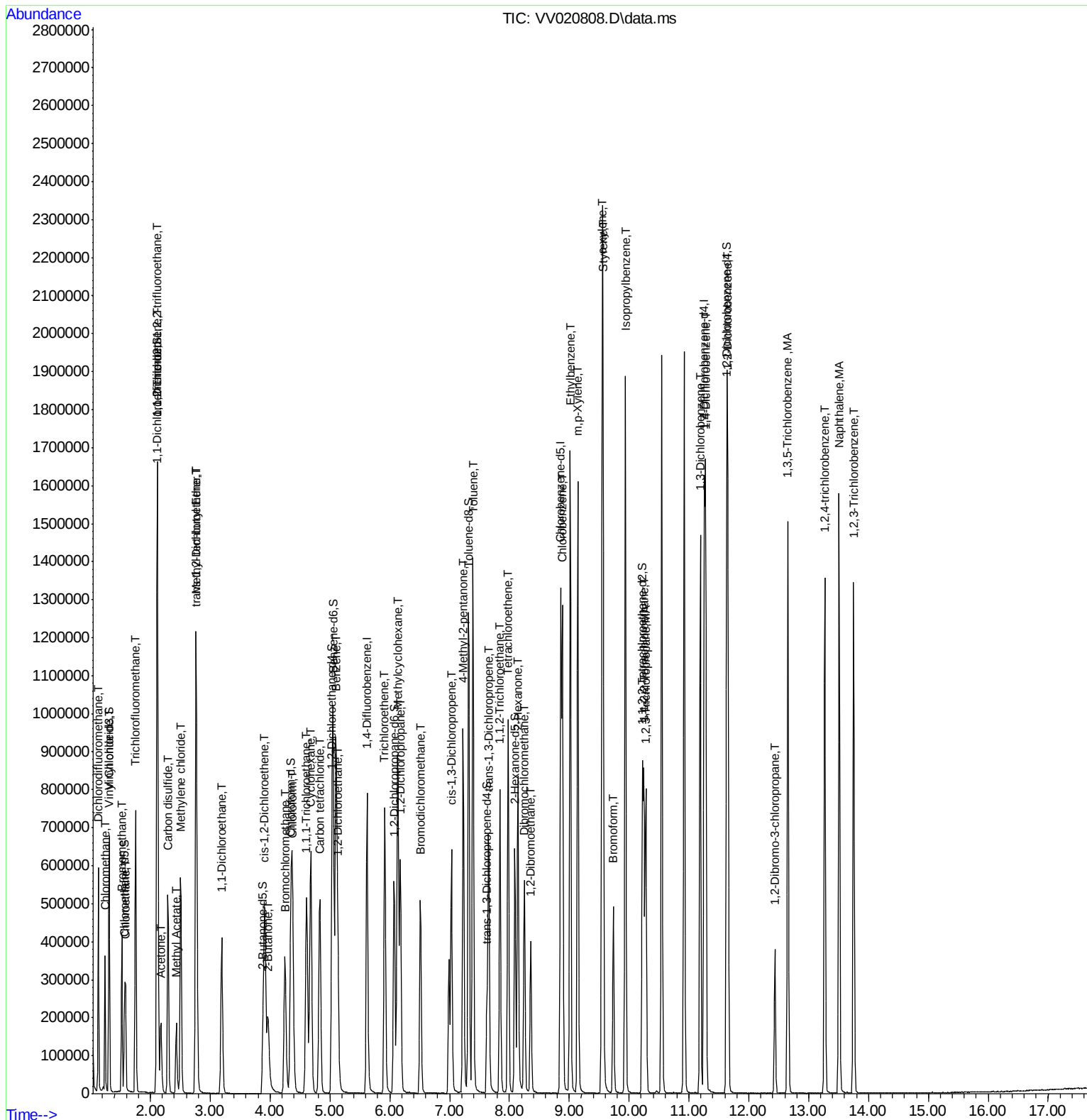
Quant Time: Mar 30 04:45:06 2021
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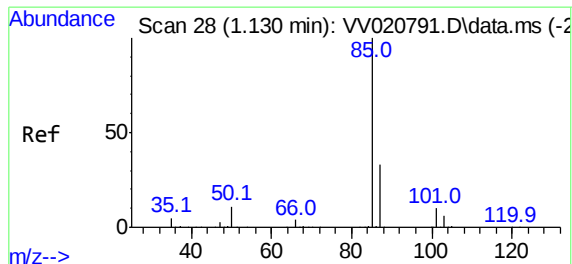
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	344894	45.86	ug/L	96
30) 1,1,1-Trichloroethane	4.609	97	425833	51.79	ug/L	99
31) Carbon tetrachloride	4.831	117	381519	51.95	ug/L	100
33) Benzene	5.101	78	902977	49.24	ug/L	100
34) Trichloroethene	5.915	95	253935	50.52	ug/L	98
35) Methylcyclohexane	6.133	83	374009	48.49	ug/L	98
37) 1,2-Dichloropropane	6.175	63	227271	47.26	ug/L	100
38) Bromodichloromethane	6.513	83	335263	49.64	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	381725	51.42	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	605359	93.87	ug/L	98
42) Toluene	7.390	91	1009320	50.64	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	385963	51.63	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	238438	50.40	ug/L	97
46) Tetrachloroethene	7.979	164	216088	51.50	ug/L	99
48) 2-Hexanone	8.140	43	487955	99.12	ug/L	99
49) Dibromochloromethane	8.249	129	287133	52.11	ug/L	99
50) 1,2-Dibromoethane	8.355	107	257256	50.78	ug/L	95
51) Chlorobenzene	8.886	112	677560	50.64	ug/L	98
52) Ethylbenzene	9.017	91	1158877	50.95	ug/L	100
53) m,p-Xylene	9.143	106	441809	52.22	ug/L	98
54) o-xylene	9.548	106	423256	51.91	ug/L	96
55) Styrene	9.564	104	761660	53.16	ug/L	99
56) Isopropylbenzene	9.937	105	1175520	52.35	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	365100	47.31	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	310766	49.49	ug/L	99
61) Bromoform	9.738	173	218644	48.74	ug/L	98
62) 1,3-Dichlorobenzene	11.188	146	588999	48.85	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	605735	48.30	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	582215	48.99	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	93072	46.32	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	461027	49.32	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	407749	51.45	ug/L	99
69) Naphthalene	13.509	128	1176726	51.87	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	408774	51.51	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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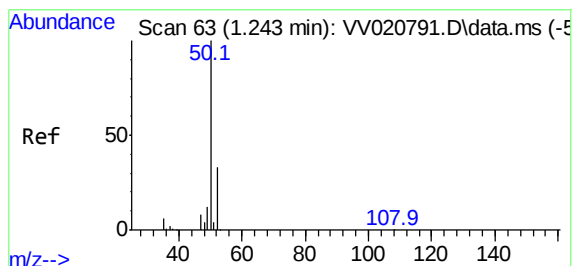
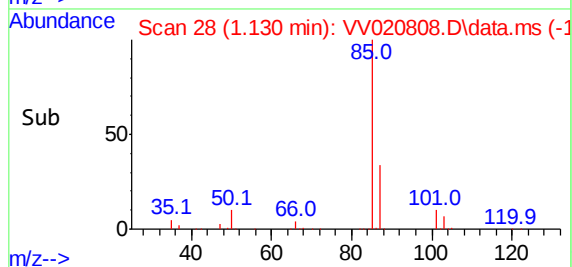
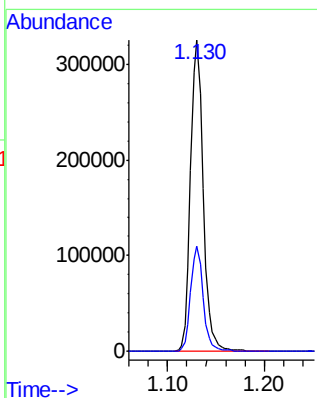
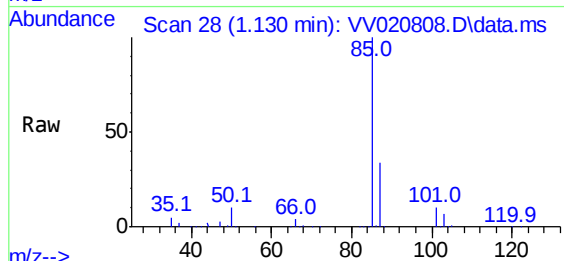




#2
Dichlorodifluoromethane
Concen: 46.41 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

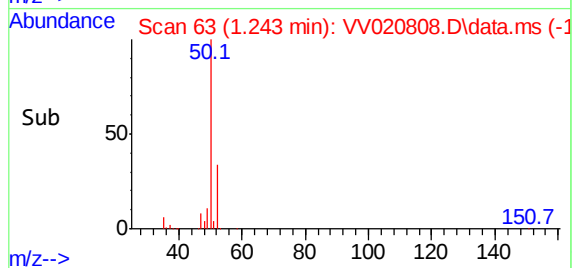
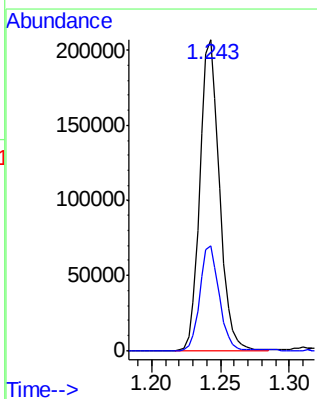
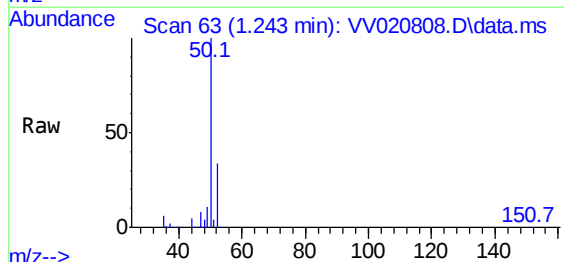
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ClientSampleId :
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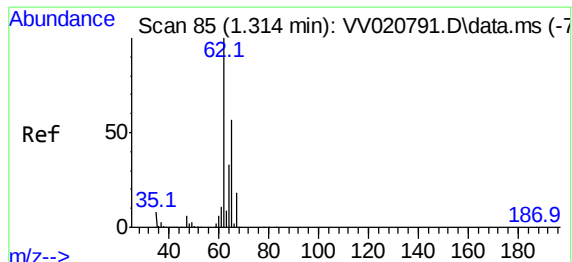
Tgt Ion: 85 Resp: 297971
Ion Ratio Lower Upper
85 100
87 33.1 26.3 39.5



#3
Chloromethane
Concen: 40.10 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 50 Resp: 205518
Ion Ratio Lower Upper
50 100
52 33.6 22.7 42.1

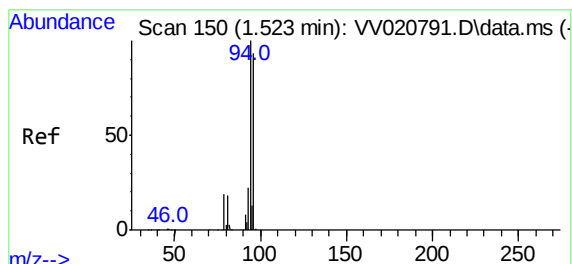
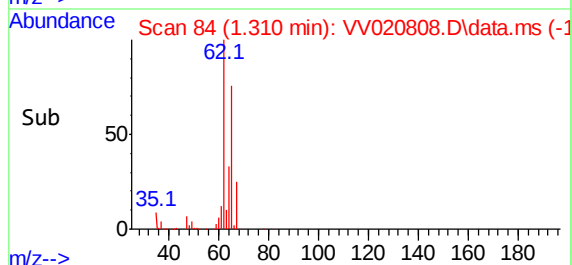
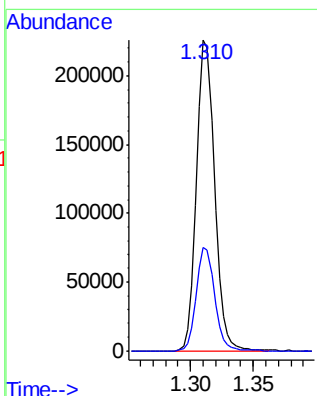
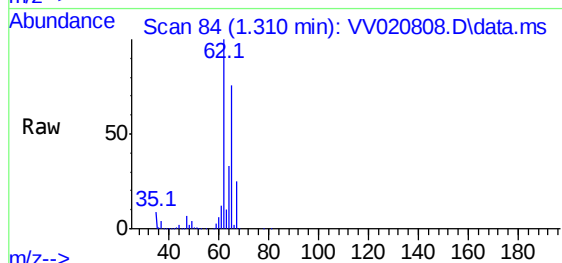




#5
 Vinyl chloride
 Concen: 43.25 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV020808.D
 Acq: 29 Mar 2021 16:49

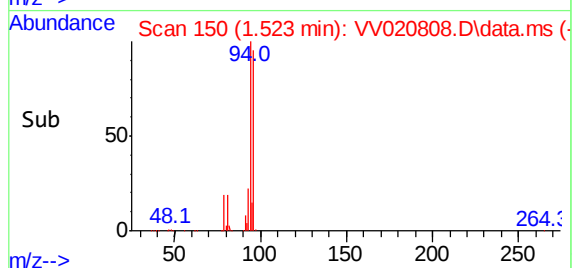
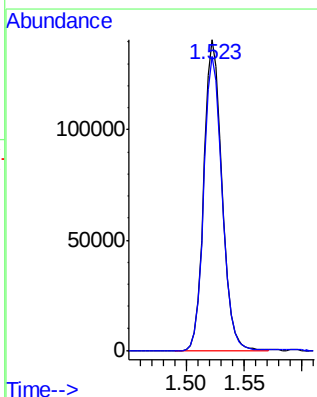
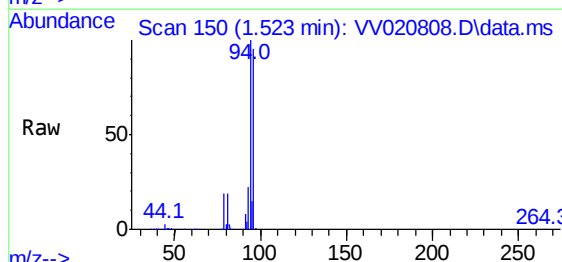
Instrument :
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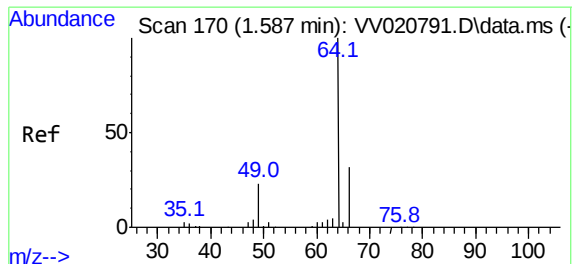
Tgt Ion: 62 Resp: 226426
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.3 43.3



#6
 Bromomethane
 Concen: 46.15 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020808.D
 Acq: 29 Mar 2021 16:49

Tgt Ion: 94 Resp: 152334
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.6 121.8

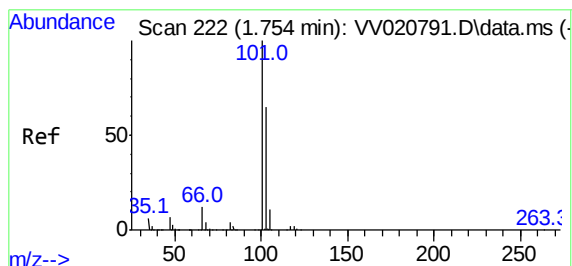
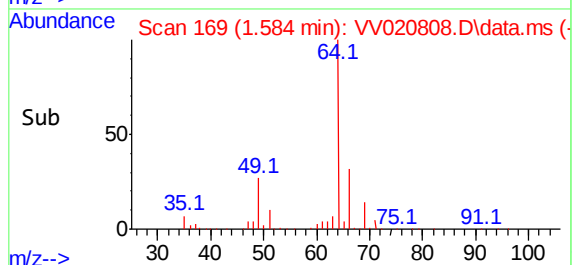
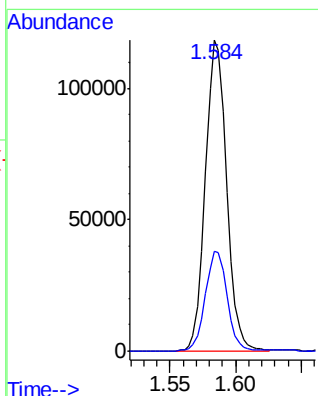
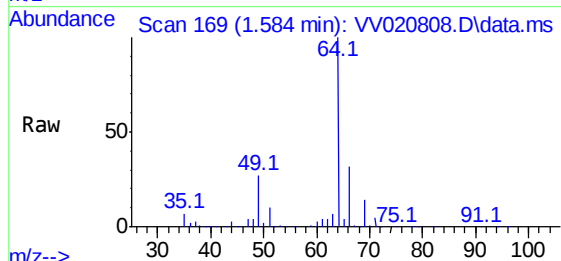




#8
Chloroethane
Concen: 43.80 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

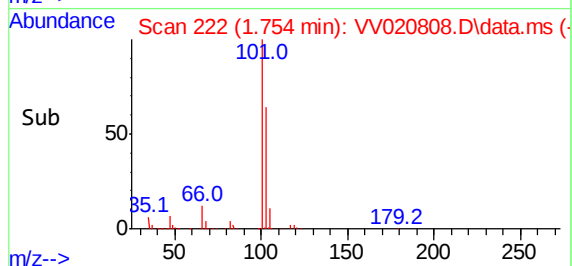
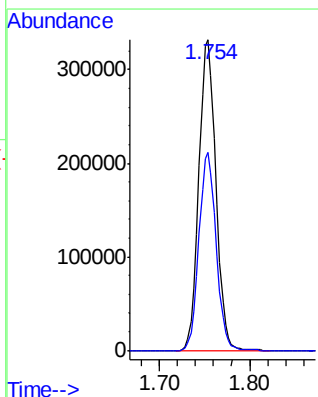
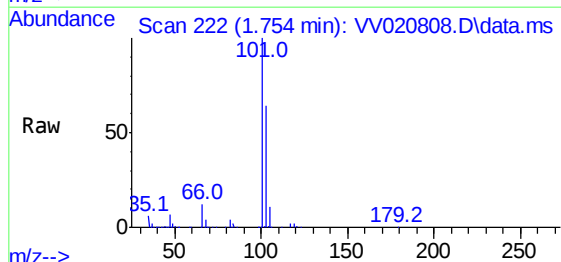
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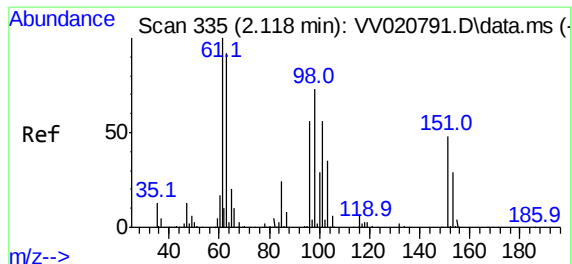
Tgt Ion: 64 Resp: 132463
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 48.56 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion:101 Resp: 434536
Ion Ratio Lower Upper
101 100
103 64.1 51.2 76.8



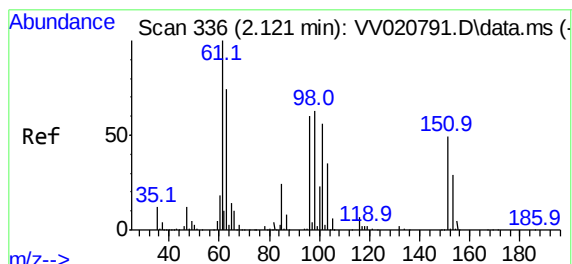
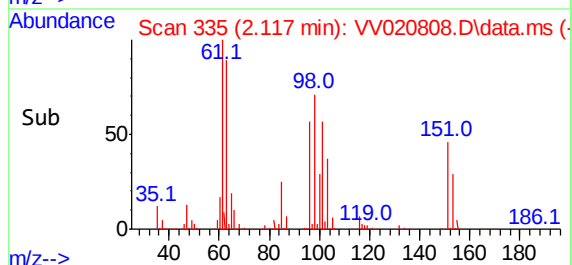
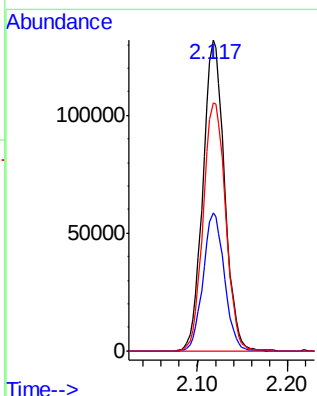
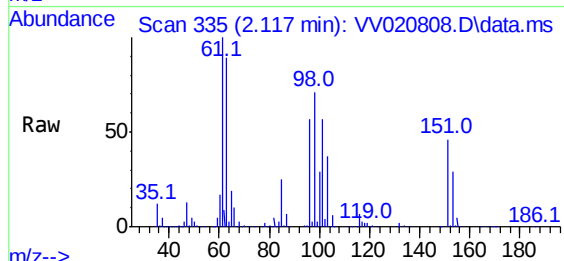


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.42 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020808.D
 Acq: 29 Mar 2021 16:49

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 216886

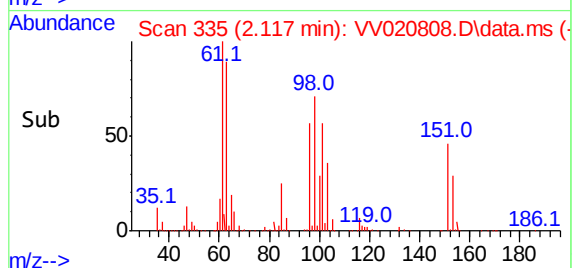
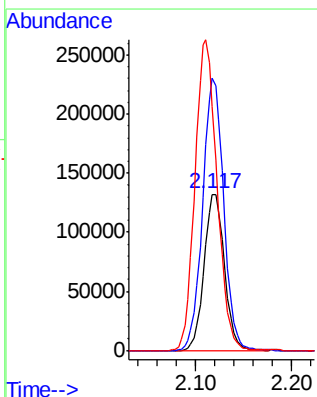
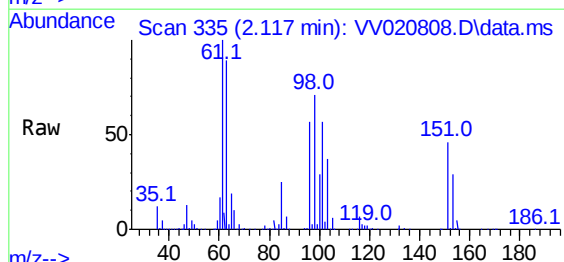
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.4	53.0
151	83.0	63.5	95.3

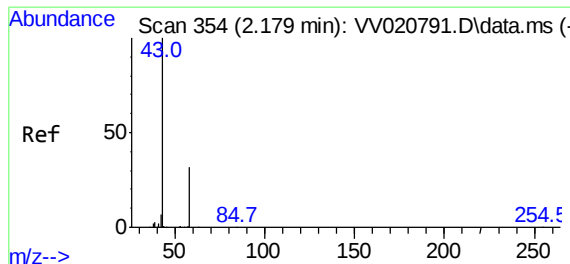


#12
 1,1-Dichloroethene
 Concen: 48.15 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020808.D
 Acq: 29 Mar 2021 16:49

Tgt Ion: 96 Resp: 192551

Ion	Ratio	Lower	Upper
96	100		
61	174.3	126.3	234.6
63	155.9	100.2	186.2

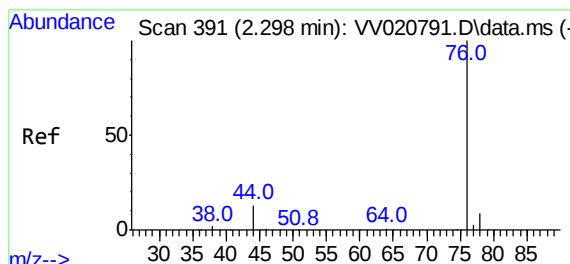
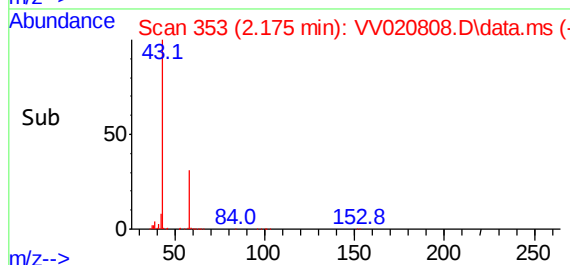
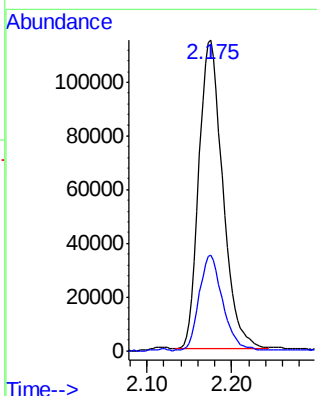
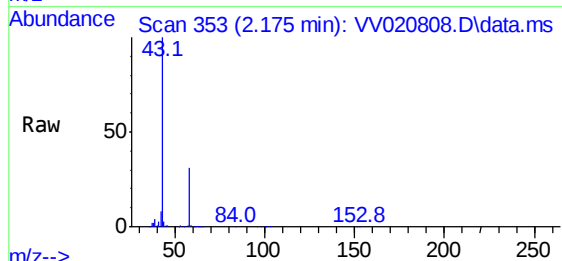




#13
Acetone
Concen: 99.51 ug/L
RT: 2.175 min Scan# 353
Delta R.T. -0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

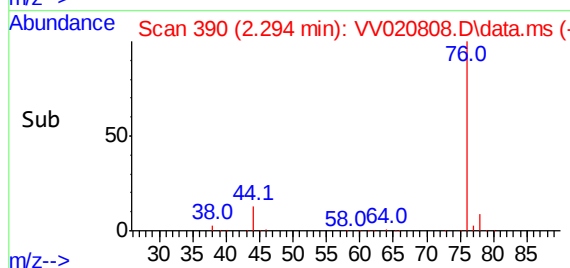
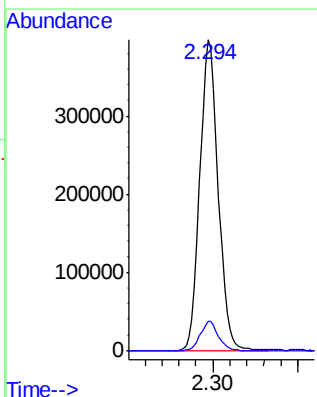
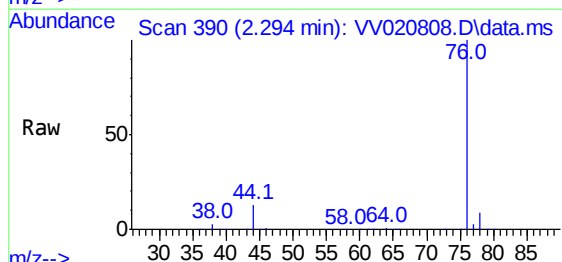
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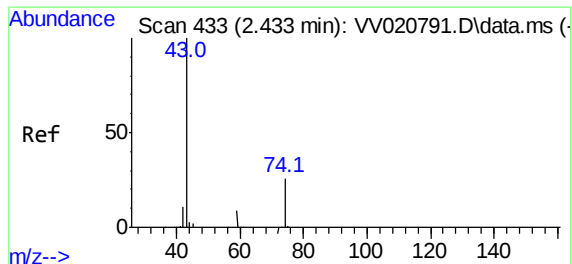
Tgt Ion: 43 Resp: 224590
Ion Ratio Lower Upper
43 100
58 30.6 0.0 60.8



#14
Carbon disulfide
Concen: 44.95 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 76 Resp: 594390
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

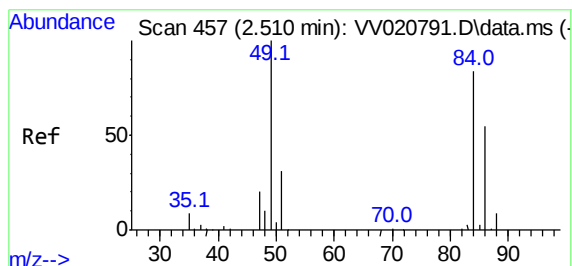
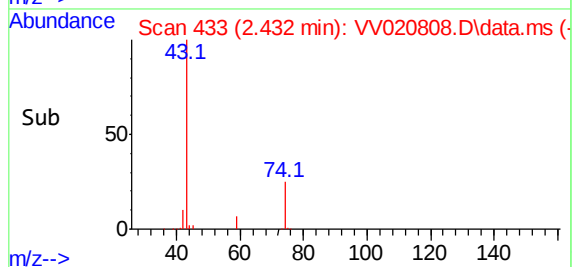
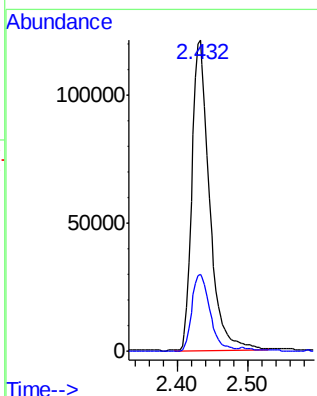
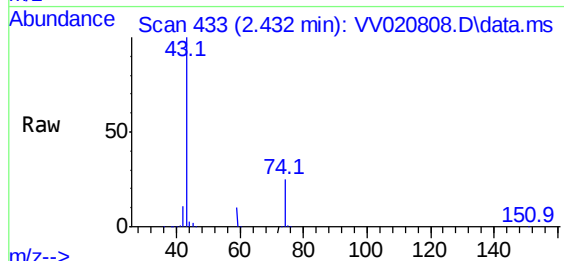




#15
Methyl Acetate
Concen: 44.52 ug/L
RT: 2.432 min Scan# 433
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

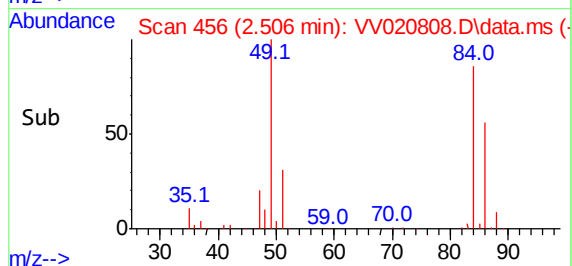
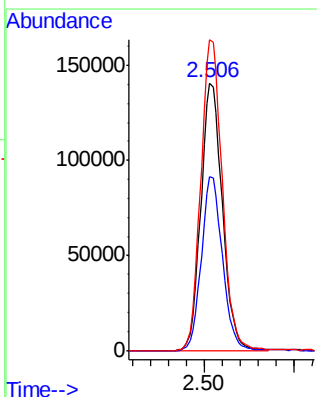
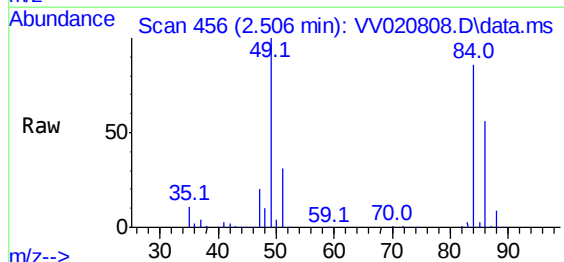
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

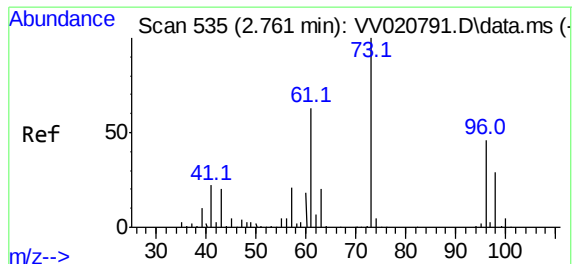
Tgt Ion: 43 Resp: 209749
Ion Ratio Lower Upper
43 100
74 25.3 18.4 27.6



#16
Methylene chloride
Concen: 47.25 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 84 Resp: 230435
Ion Ratio Lower Upper
84 100
86 64.9 43.9 81.5
49 116.2 86.3 160.3

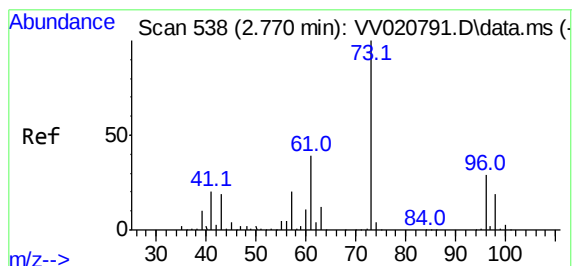
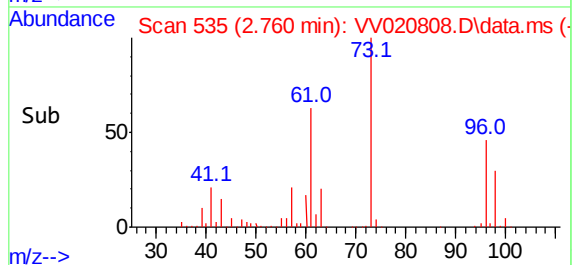
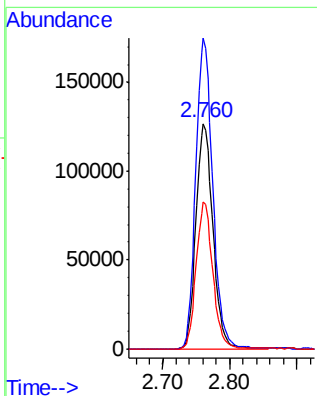
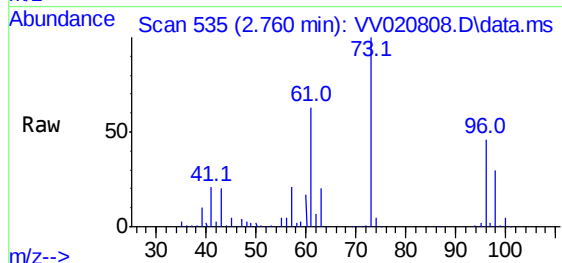




#17
trans-1,2-Dichloroethene
Concen: 48.37 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

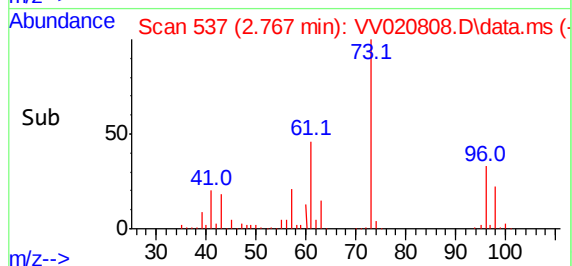
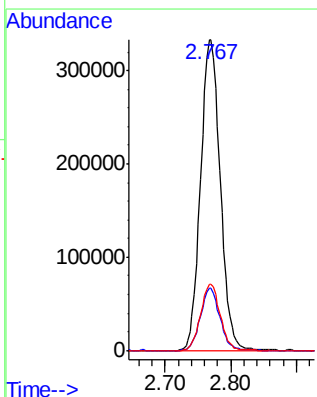
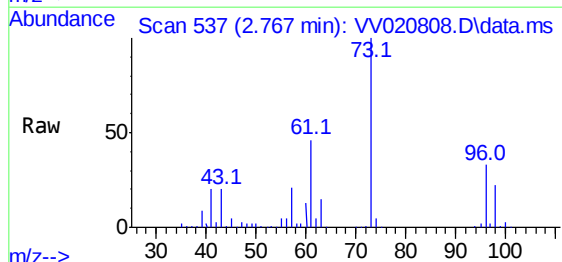
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

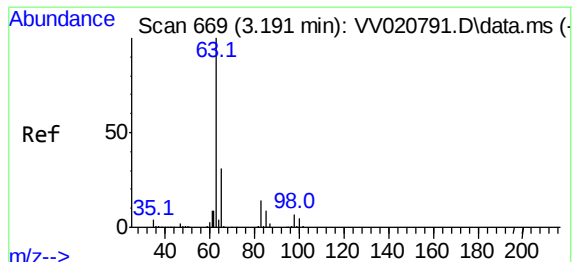
Tgt Ion: 96 Resp: 221803
Ion Ratio Lower Upper
96 100
61 137.7 97.9 181.9
98 64.9 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 48.48 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 73 Resp: 689268
Ion Ratio Lower Upper
73 100
43 19.5 15.4 23.0
57 21.1 17.0 25.6

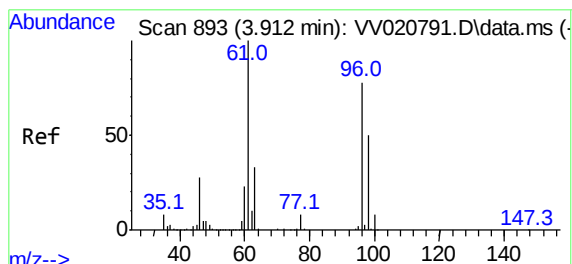
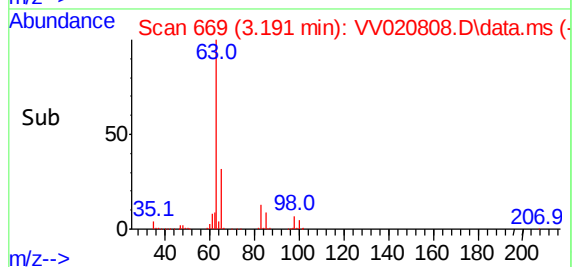
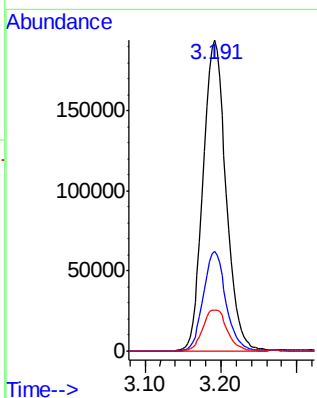
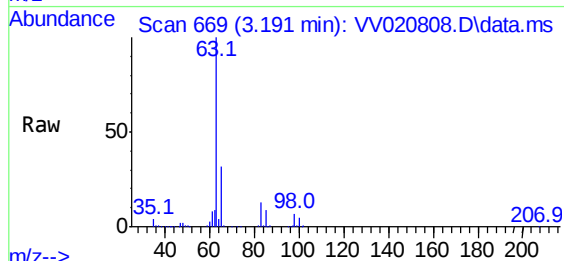




#19
1,1-Dichloroethane
Concen: 47.56 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

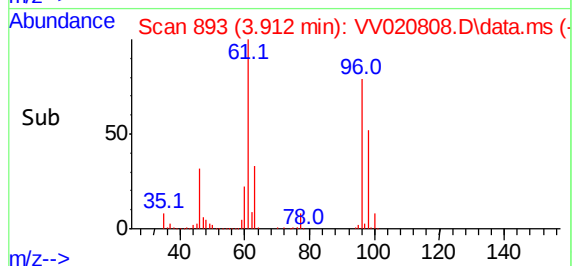
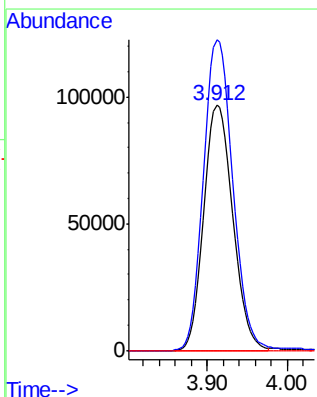
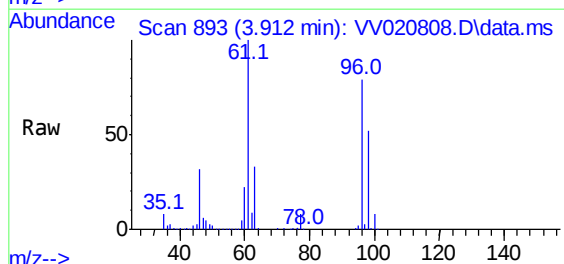
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

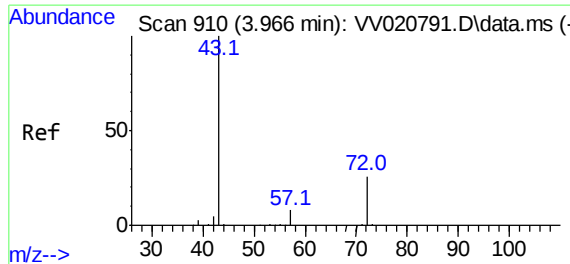
Tgt Ion: 63 Resp: 405146
Ion Ratio Lower Upper
63 100
65 31.9 22.5 41.9
83 13.2 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 48.22 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 96 Resp: 236572
Ion Ratio Lower Upper
96 100
61 126.7 89.9 167.0
68 0.0 0.0 0.0

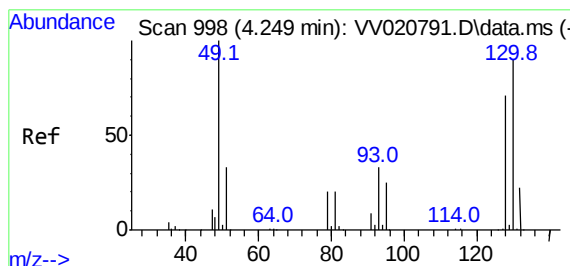
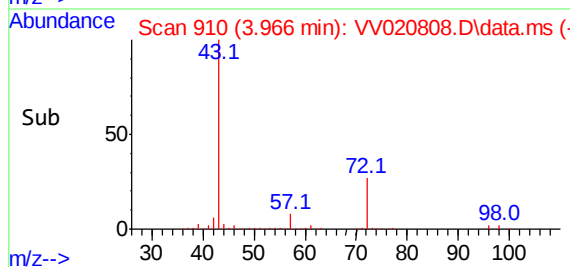
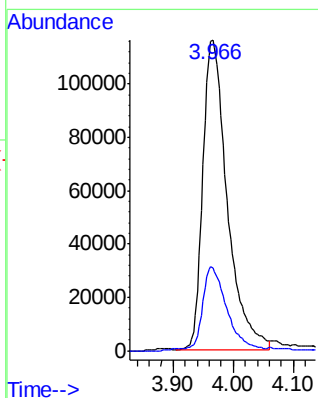
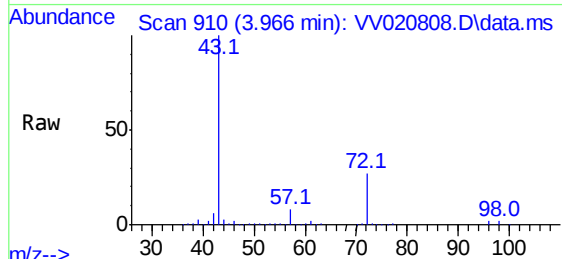




#22
2-Butanone
Concen: 97.95 ug/L
RT: 3.966 min Scan# 910
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

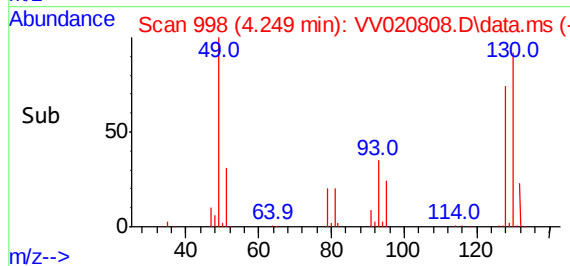
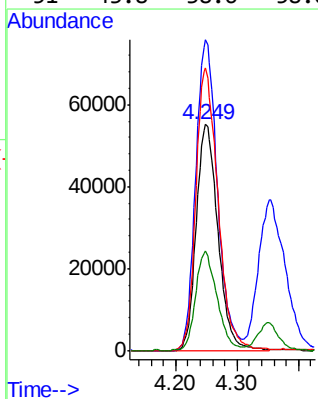
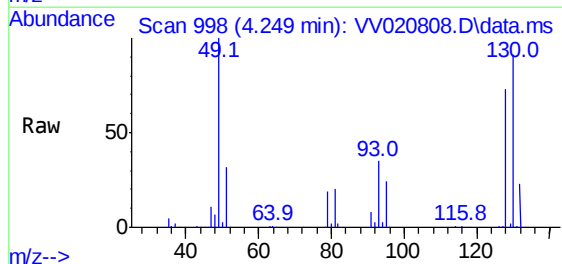
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

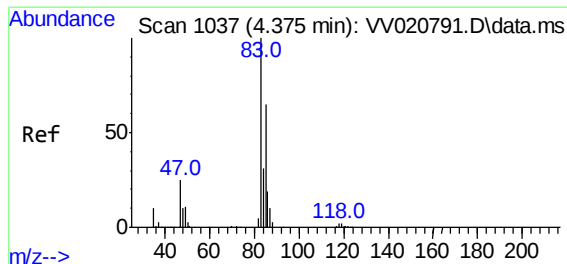
Tgt Ion: 43 Resp: 323585
Ion Ratio Lower Upper
43 100
72 26.1 11.9 35.9



#23
Bromochloromethane
Concen: 51.20 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 128 Resp: 135218
Ion Ratio Lower Upper
128 100
49 137.4 113.3 210.3
130 125.0 88.7 164.7
51 43.8 38.6 58.0

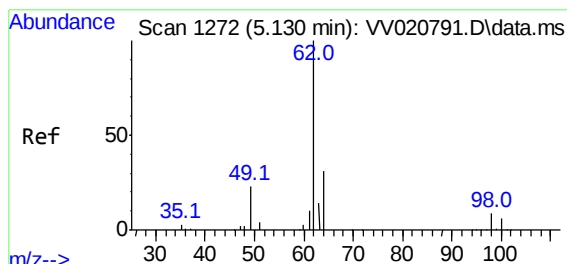
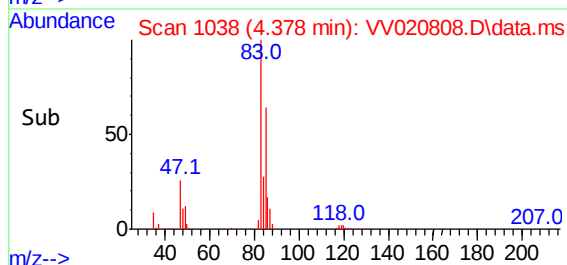
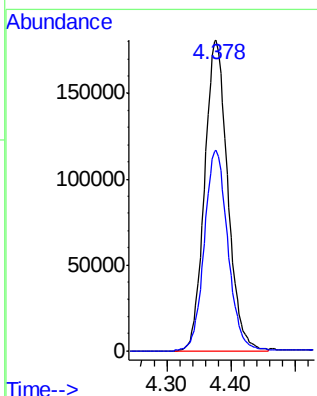
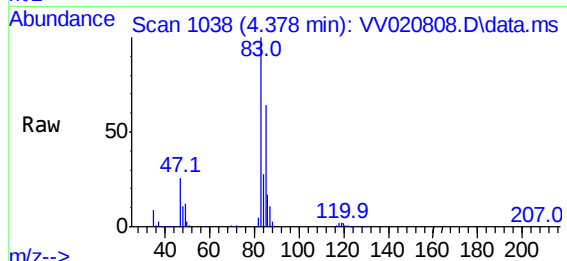




#25
Chloroform
Concen: 49.76 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

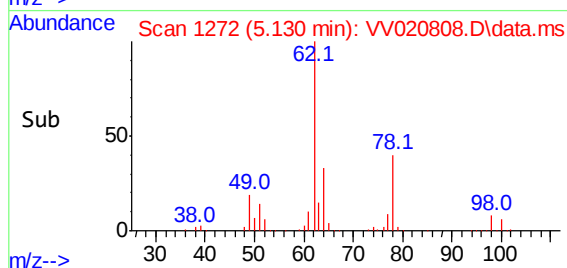
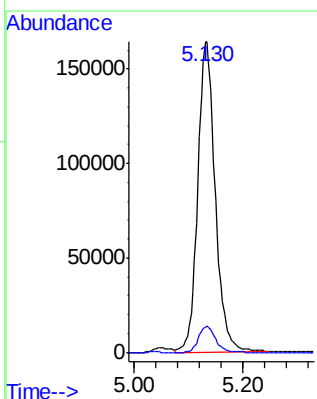
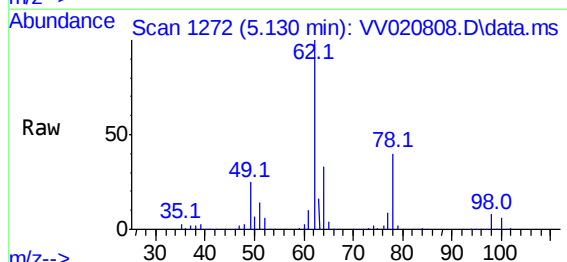
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

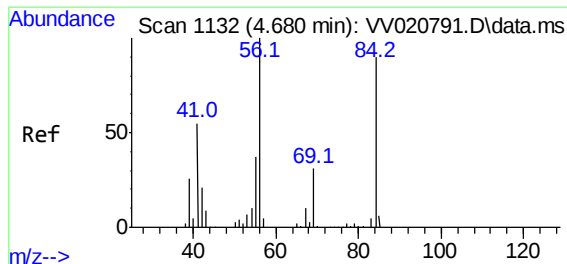
Tgt Ion: 83 Resp: 450884
Ion Ratio Lower Upper
83 100
85 64.5 46.7 86.7



#27
1,2-Dichloroethane
Concen: 50.34 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 62 Resp: 364392
Ion Ratio Lower Upper
62 100
98 8.2 6.8 10.2



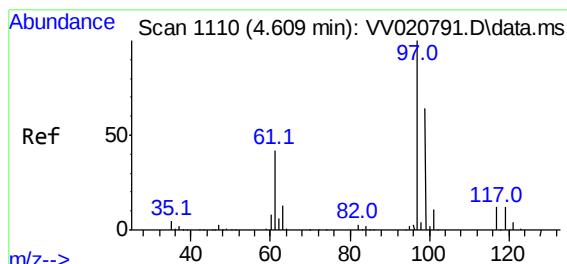
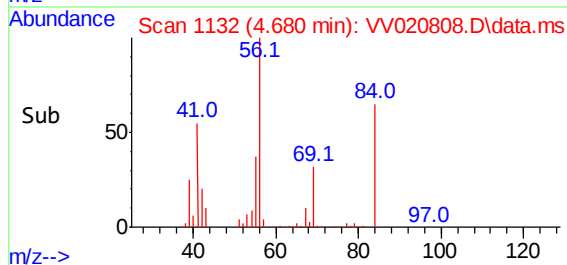
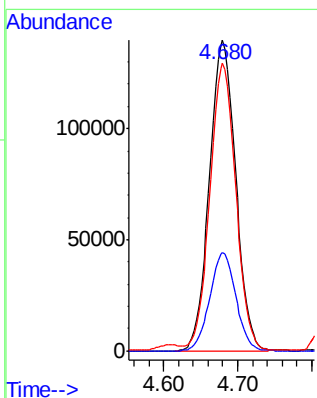
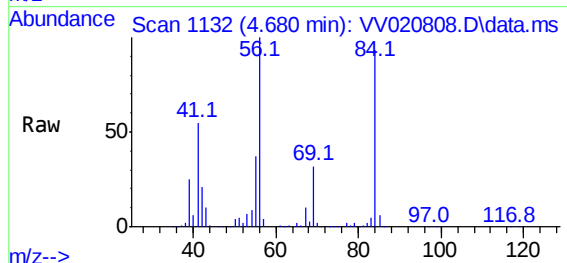


#29
Cyclohexane
Concen: 45.86 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Instrument :
MSVOA_V
ClientSampled :
VSTD05096

Tgt Ion: 56 Resp: 344894

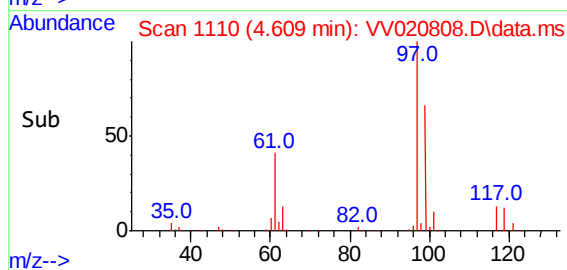
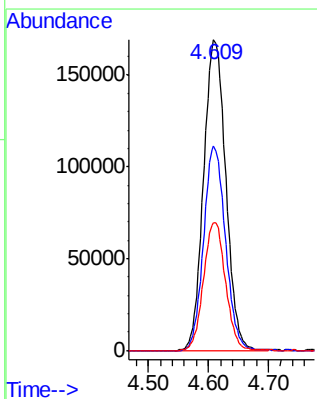
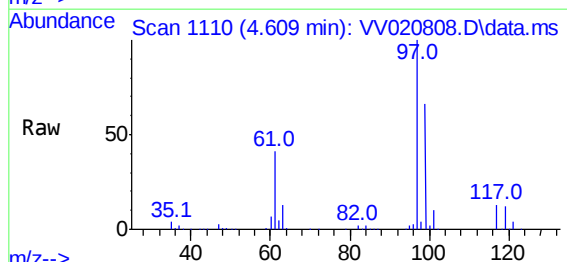
Ion	Ratio	Lower	Upper
56	100		
69	31.5	24.4	36.6
84	91.2	69.9	104.9

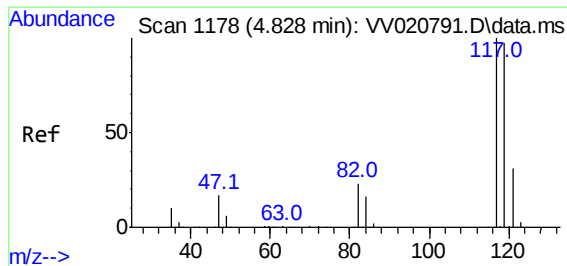


#30
1,1,1-Trichloroethane
Concen: 51.79 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 97 Resp: 425833

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.2
61	40.7	33.9	50.9

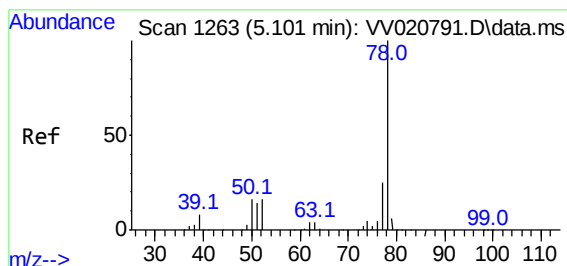
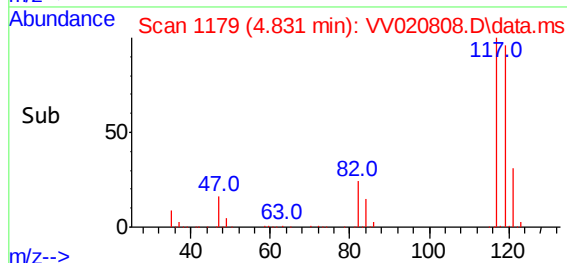
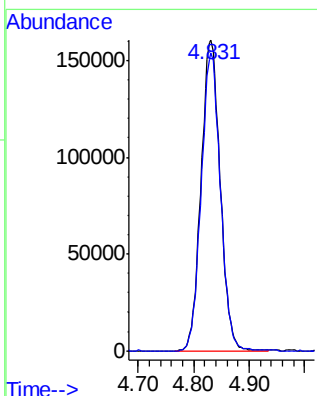
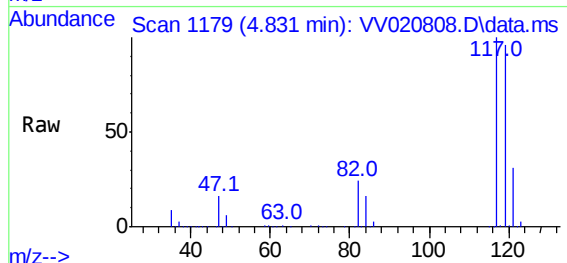




#31
Carbon tetrachloride
Concen: 51.95 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

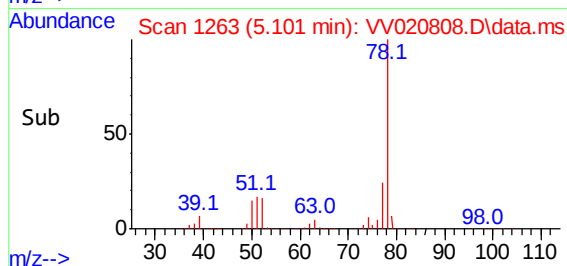
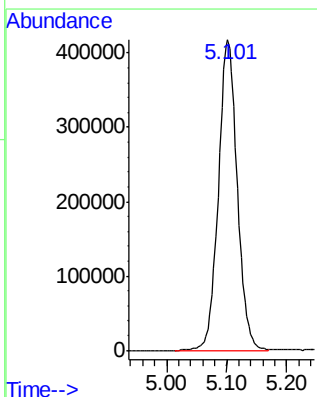
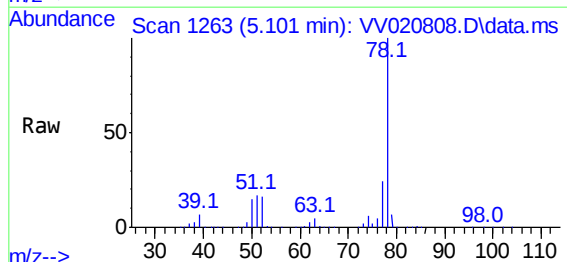
Instrument :
MSVOA_V
ClientSampled :
VSTD05096

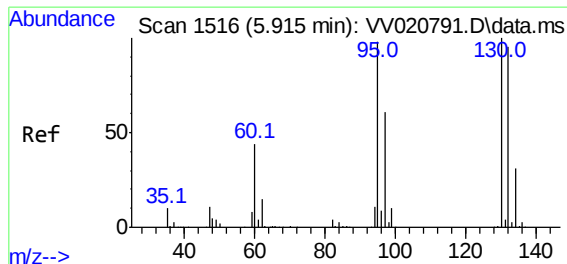
Tgt Ion:117 Resp: 381519
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 49.24 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 78 Resp: 902977

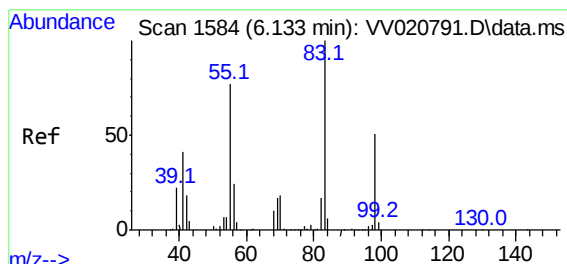
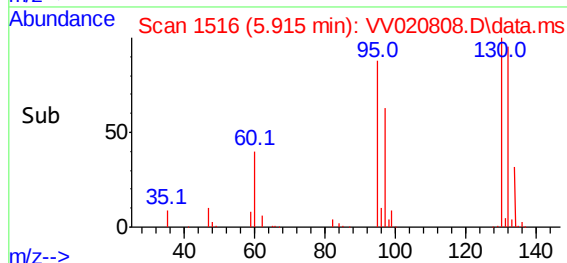
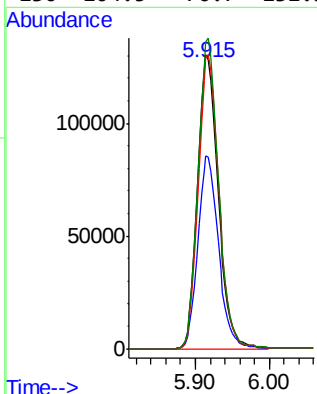
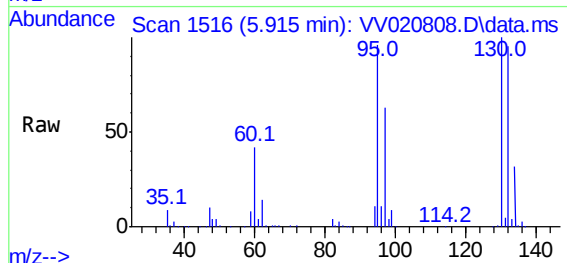




#34
Trichloroethene
Concen: 50.52 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

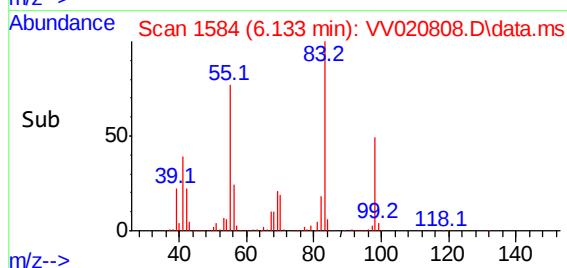
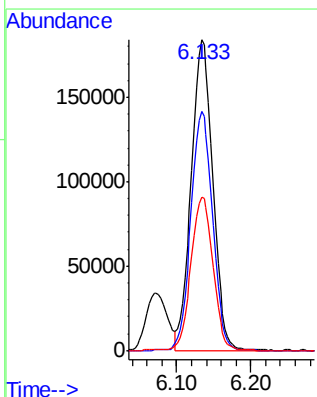
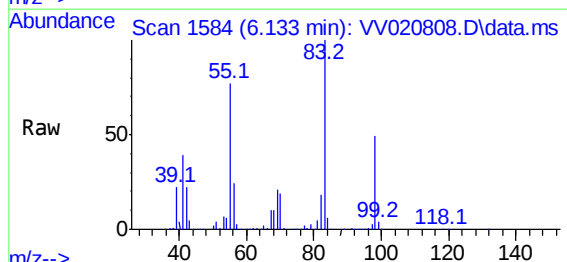
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

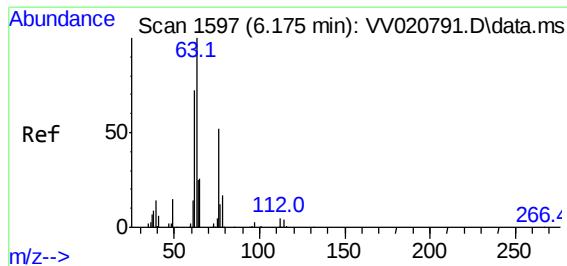
Tgt Ion: 95 Resp: 253935
Ion Ratio Lower Upper
95 100
97 65.4 43.5 80.9
132 99.0 69.5 129.1
130 104.5 70.7 131.3



#35
Methylcyclohexane
Concen: 48.49 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 83 Resp: 374009
Ion Ratio Lower Upper
83 100
55 77.2 62.7 94.1
98 49.9 38.9 58.3

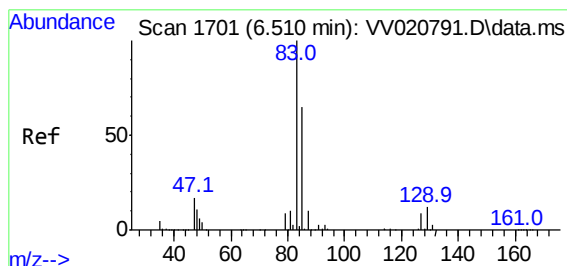
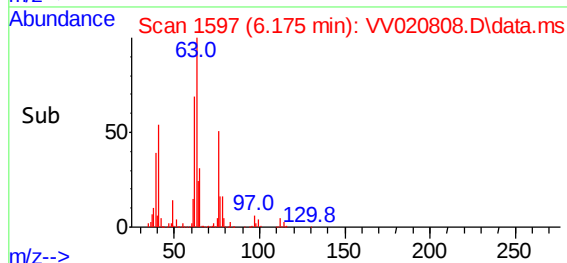
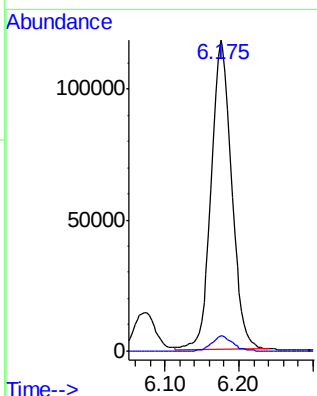
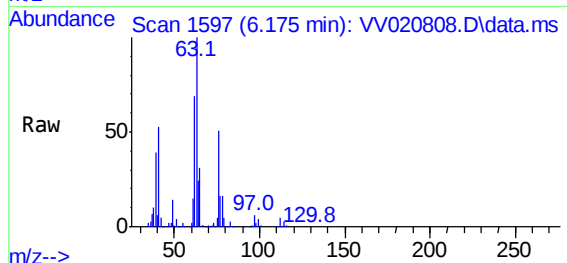




#37
1,2-Dichloropropane
Concen: 47.26 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

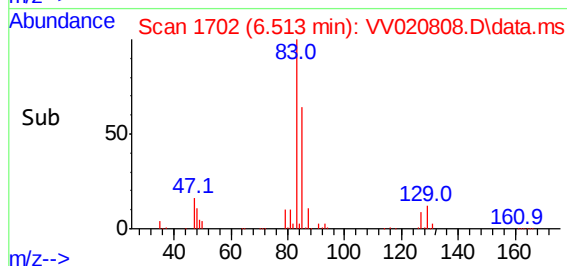
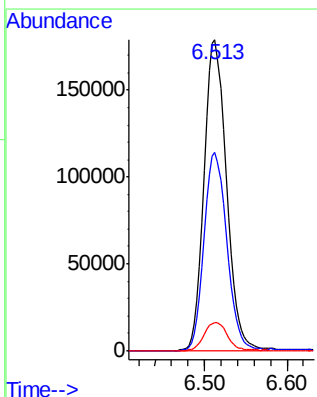
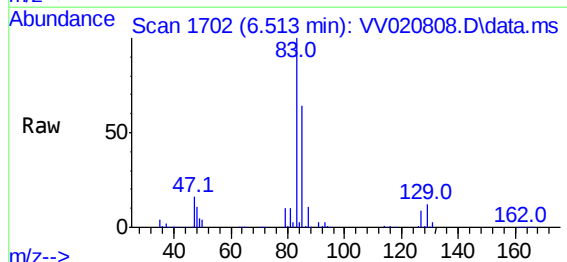
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

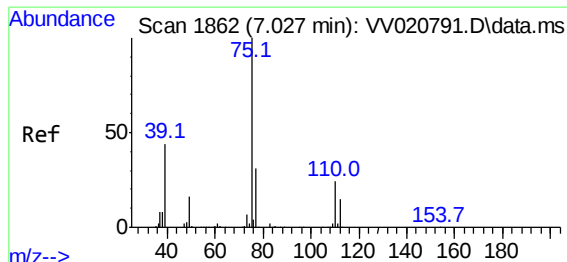
Tgt Ion: 63 Resp: 227271
Ion Ratio Lower Upper
63 100
112 4.8 3.7 5.5



#38
Bromodichloromethane
Concen: 49.64 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 83 Resp: 335263
Ion Ratio Lower Upper
83 100
85 63.8 44.5 82.7
127 8.9 6.8 10.2

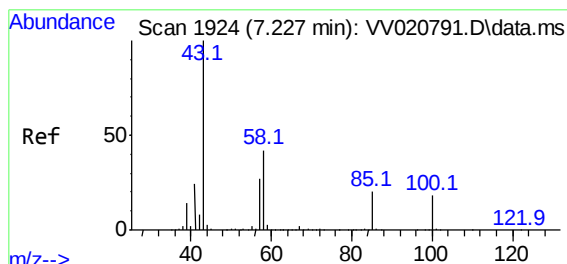
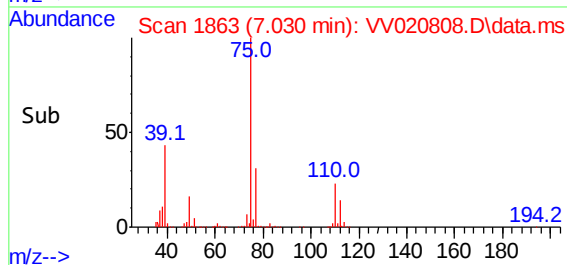
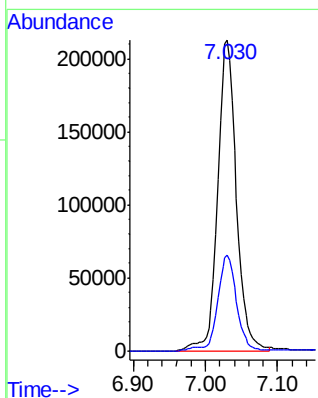
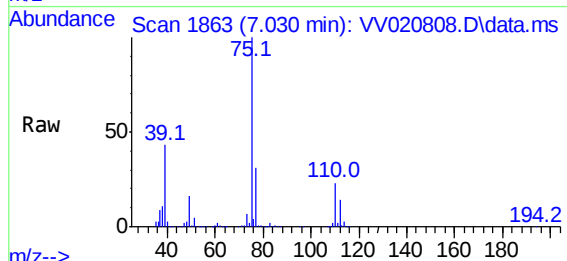




#39
cis-1,3-Dichloropropene
Concen: 51.42 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

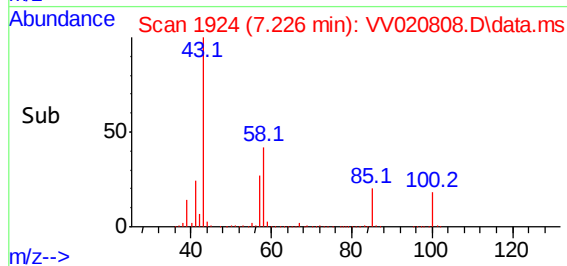
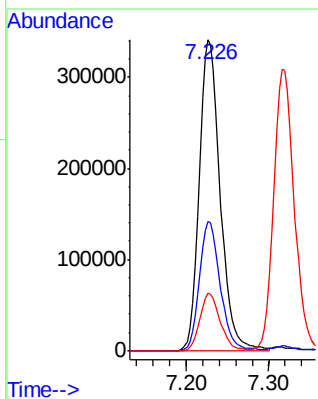
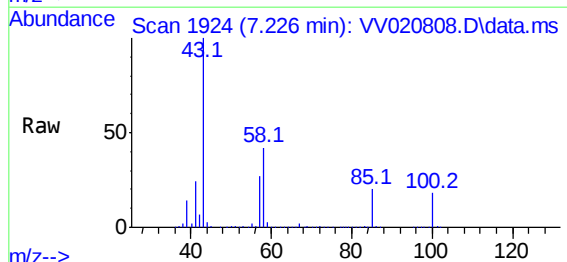
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

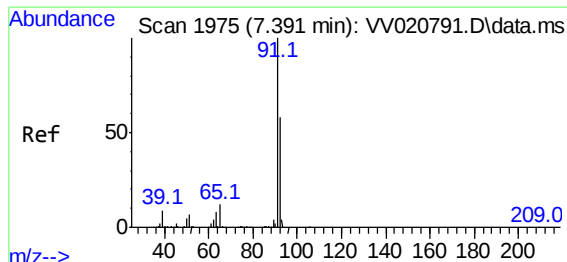
Tgt Ion: 75 Resp: 381725
Ion Ratio Lower Upper
75 100
77 30.8 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 93.87 ug/L
RT: 7.226 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 43 Resp: 605359
Ion Ratio Lower Upper
43 100
58 41.3 32.3 48.5
100 17.7 13.0 19.4

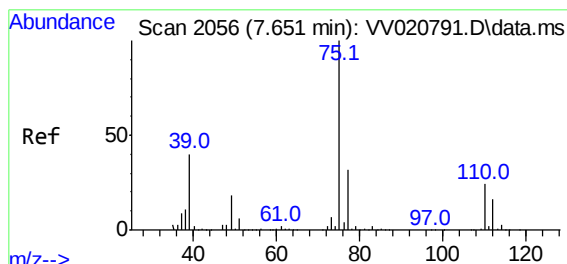
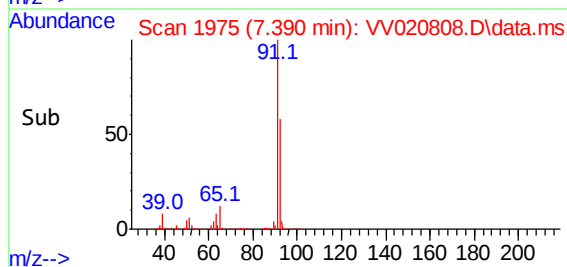
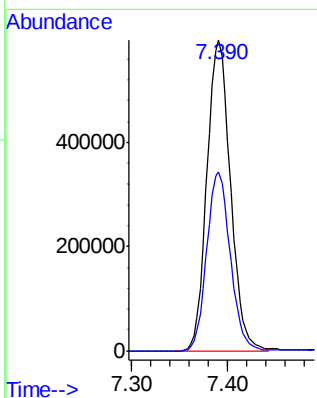
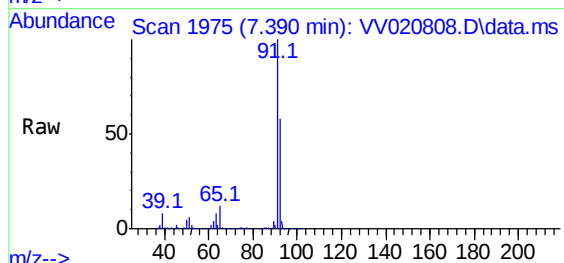




#42
Toluene
Concen: 50.64 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

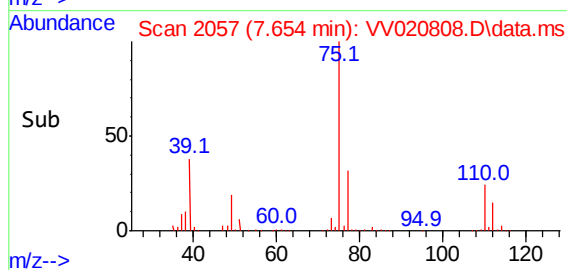
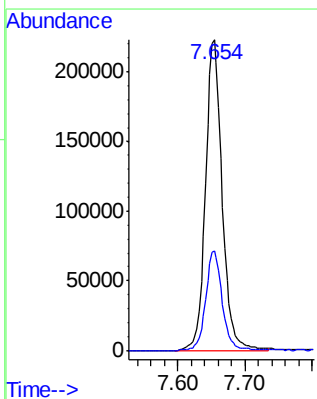
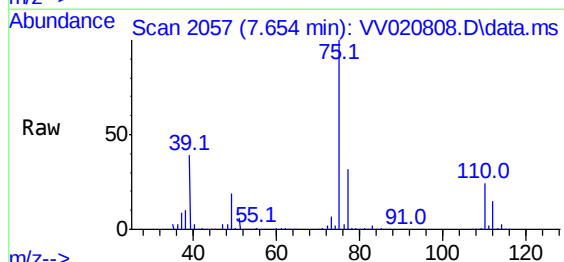
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

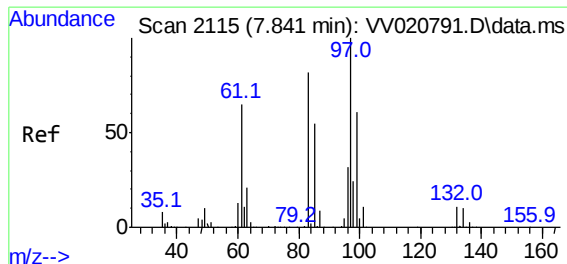
Tgt Ion: 91 Resp: 1009320
Ion Ratio Lower Upper
91 100
92 57.5 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 51.63 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 75 Resp: 385963
Ion Ratio Lower Upper
75 100
77 32.0 21.6 40.0



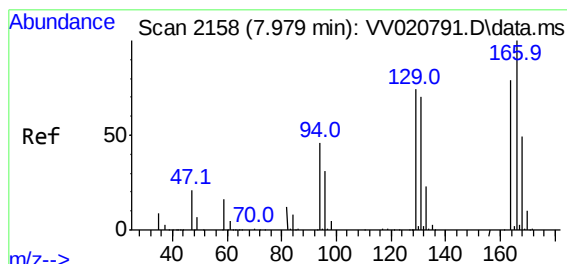
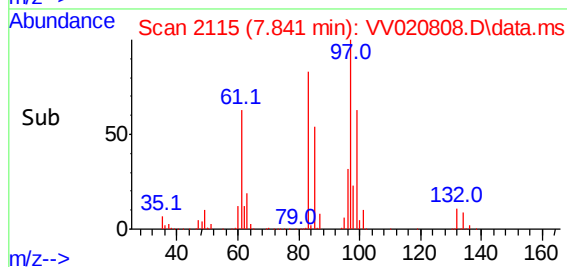
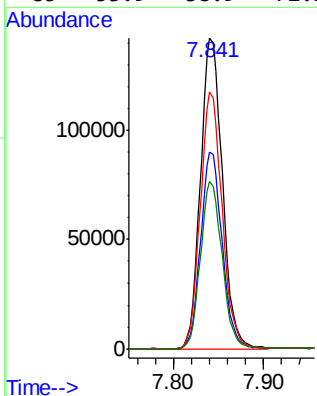
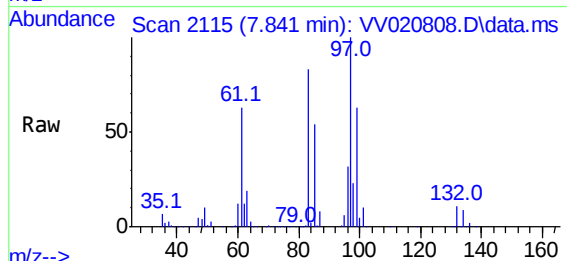


#45
1,1,2-Trichloroethane
Concen: 50.40 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

Tgt Ion: 97 Resp: 238438

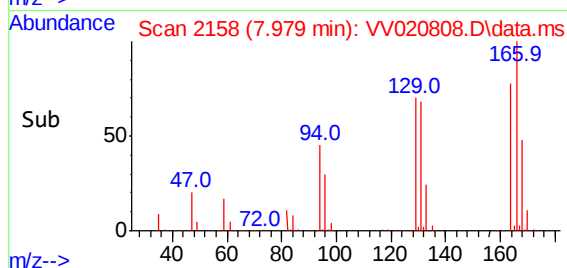
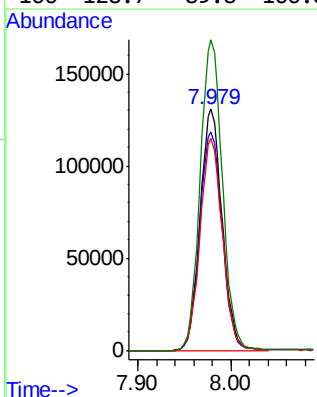
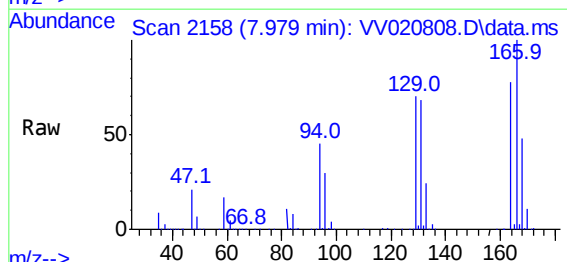
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.1	81.9
83	82.7	60.7	112.7
85	53.9	38.9	72.2

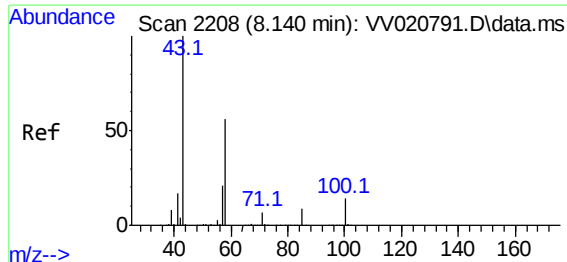


#46
Tetrachloroethene
Concen: 51.50 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 164 Resp: 216088

Ion	Ratio	Lower	Upper
164	100		
129	90.4	64.3	119.5
131	87.8	63.5	117.9
166	128.7	89.8	166.8



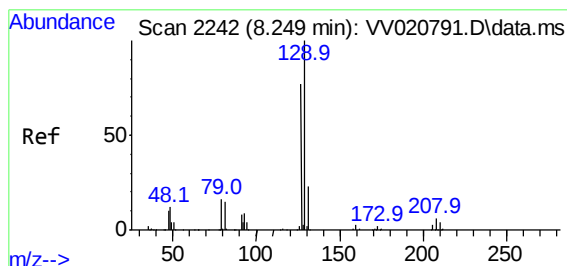
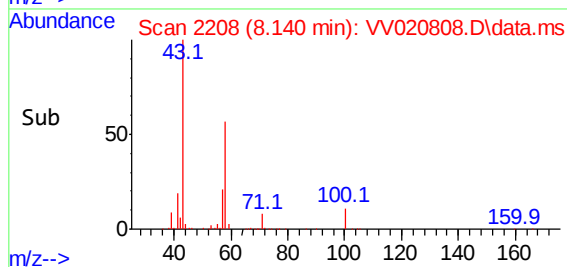
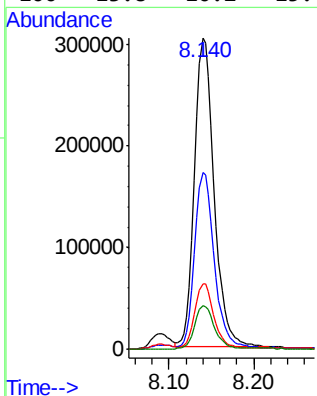
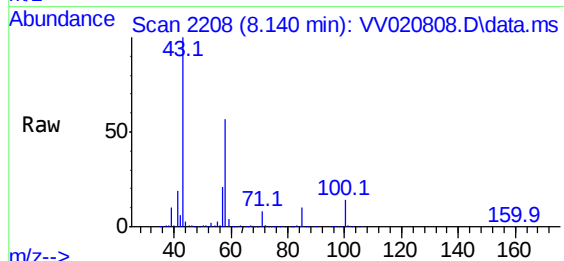


#48
2-Hexanone
Concen: 99.12 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

Tgt Ion: 43 Resp: 487955

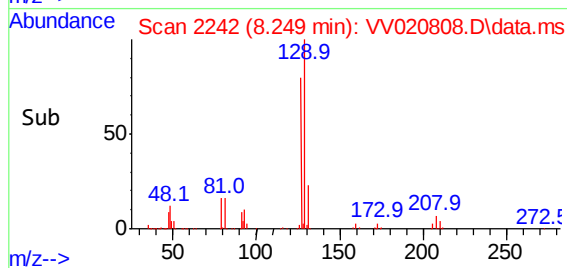
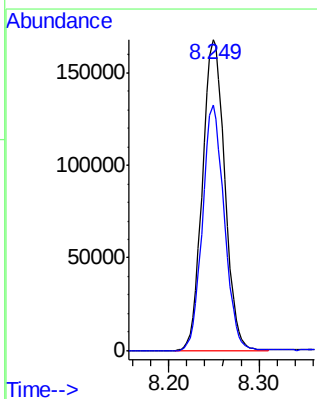
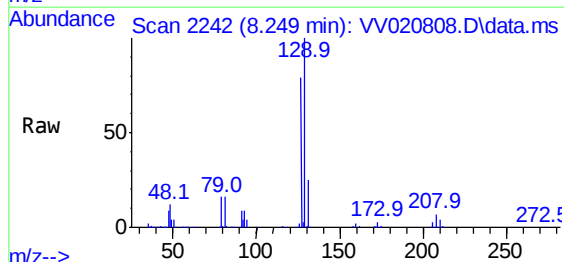
Ion	Ratio	Lower	Upper
43	100		
58	57.3	45.8	68.8
57	20.0	15.4	23.2
100	13.8	10.2	15.4

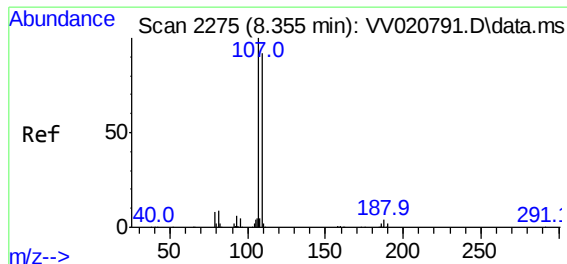


#49
Dibromochloromethane
Concen: 52.11 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 129 Resp: 287133

Ion	Ratio	Lower	Upper
129	100		
127	78.9	54.6	101.4

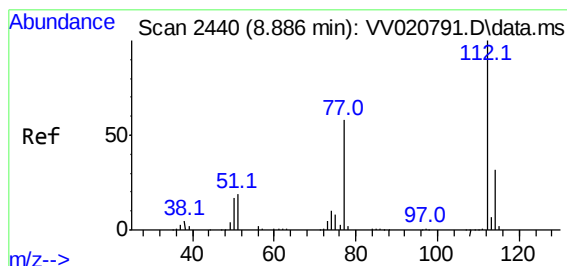
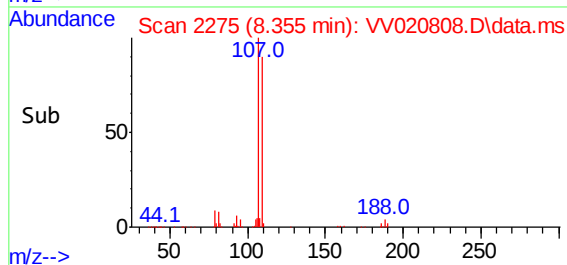
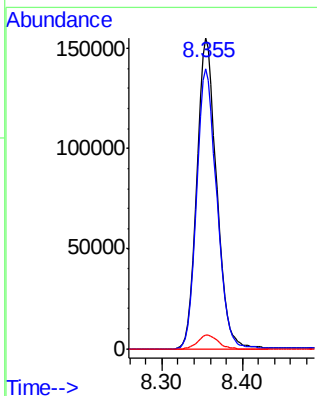
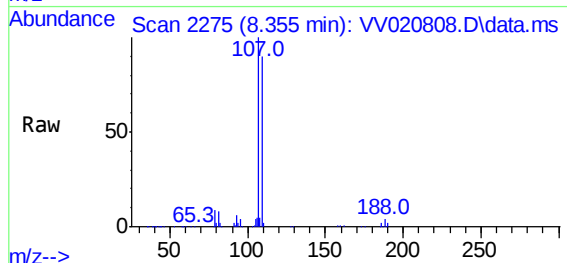




#50
1,2-Dibromoethane
Concen: 50.78 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

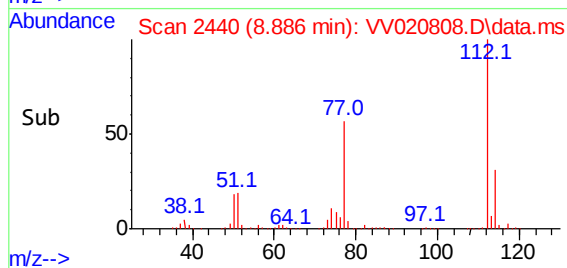
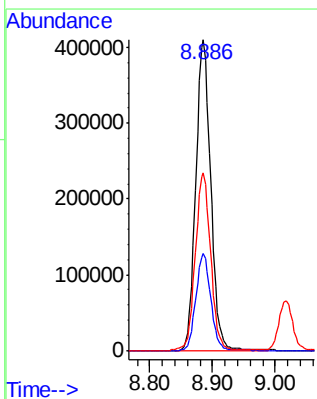
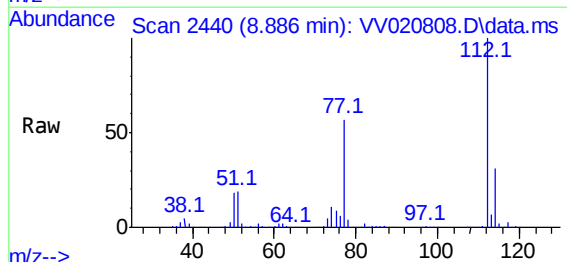
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

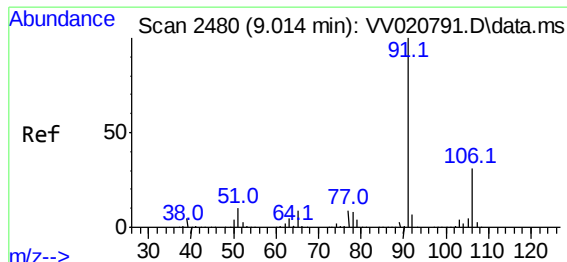
Tgt Ion:107 Resp: 257256
Ion Ratio Lower Upper
107 100
109 90.3 66.7 123.9
188 4.3 3.0 4.4



#51
Chlorobenzene
Concen: 50.64 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion:112 Resp: 677560
Ion Ratio Lower Upper
112 100
114 31.3 22.4 41.6
77 57.1 46.7 70.1

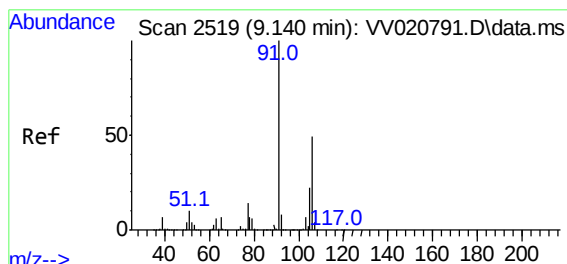
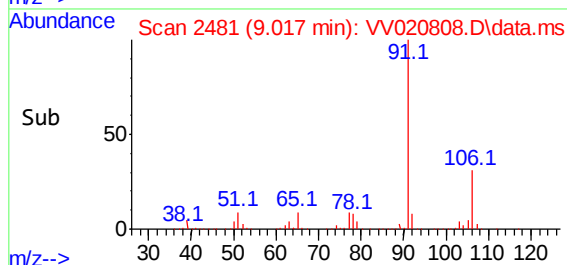
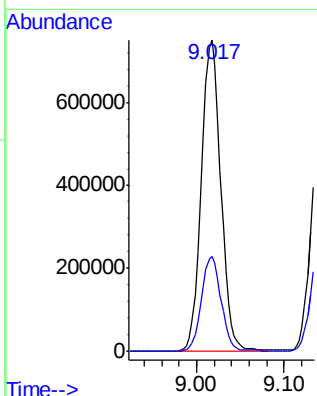
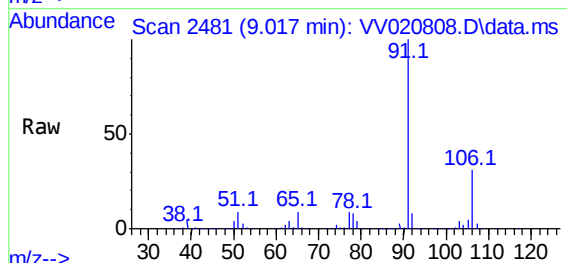




#52
Ethylbenzene
Concen: 50.95 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

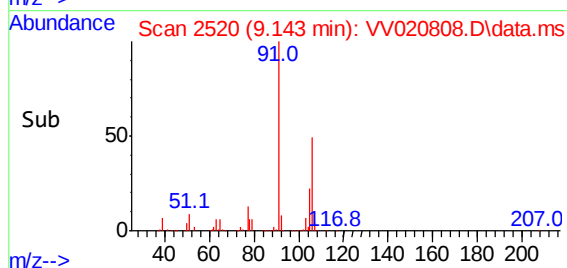
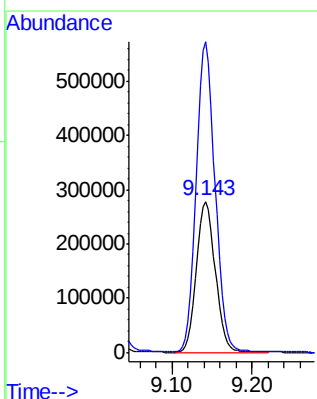
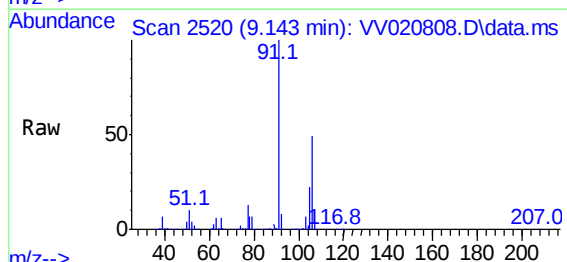
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

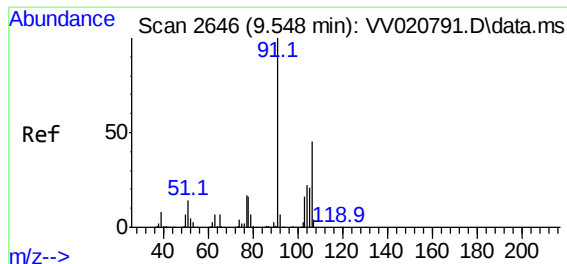
Tgt Ion: 91 Resp: 1158877
Ion Ratio Lower Upper
91 100
106 30.5 21.4 39.8



#53
m,p-Xylene
Concen: 52.22 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 106 Resp: 441809
Ion Ratio Lower Upper
106 100
91 205.8 145.7 270.7

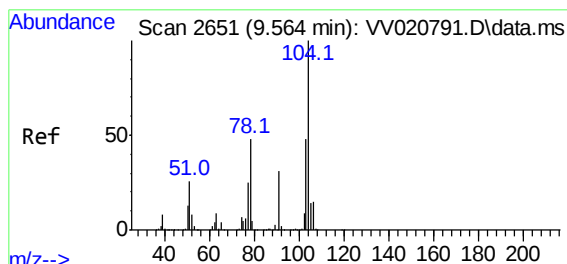
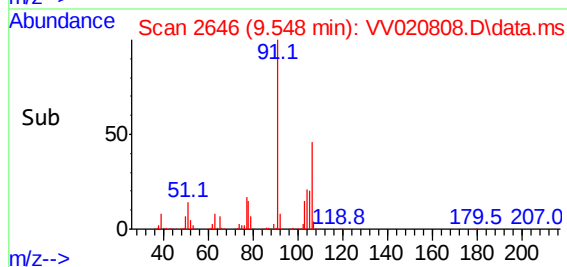
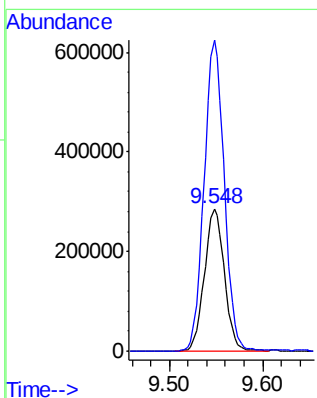
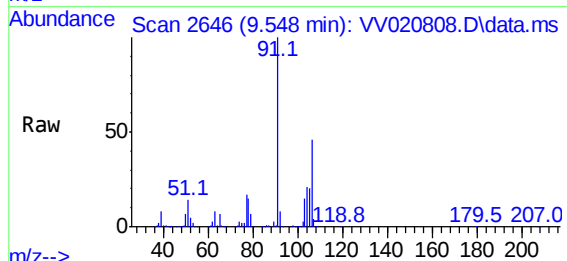




#54
o-xylene
Concen: 51.91 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

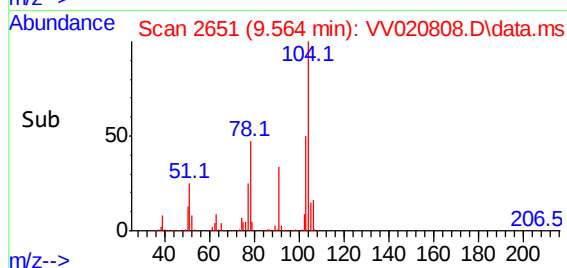
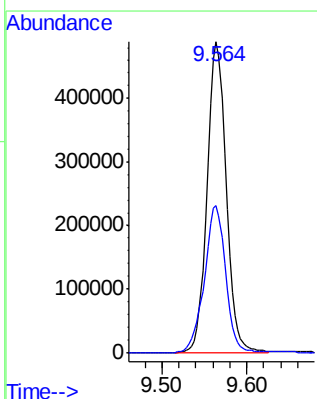
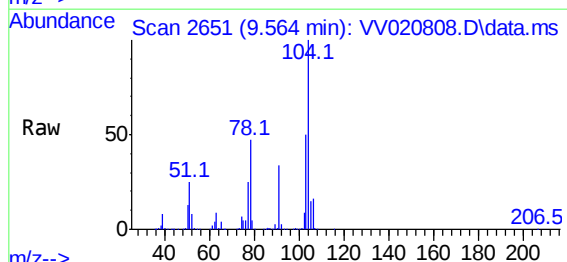
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

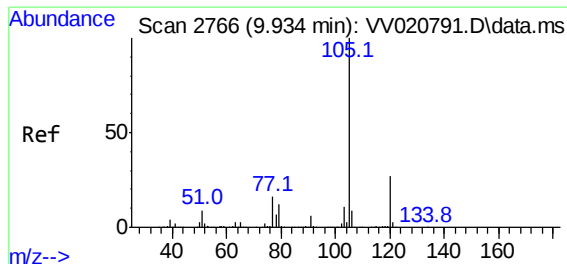
Tgt Ion:106 Resp: 423256
Ion Ratio Lower Upper
106 100
91 218.6 157.8 293.1



#55
Styrene
Concen: 53.16 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion:104 Resp: 761660
Ion Ratio Lower Upper
104 100
78 47.4 33.6 62.4

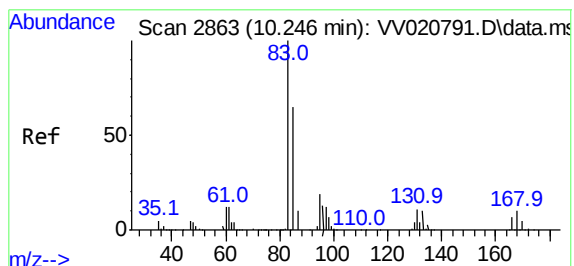
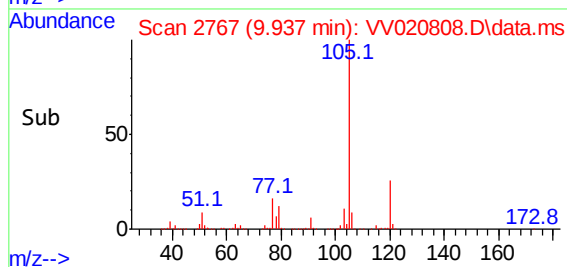
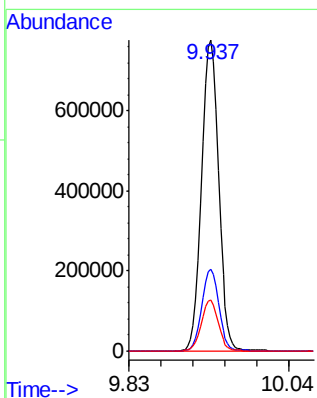
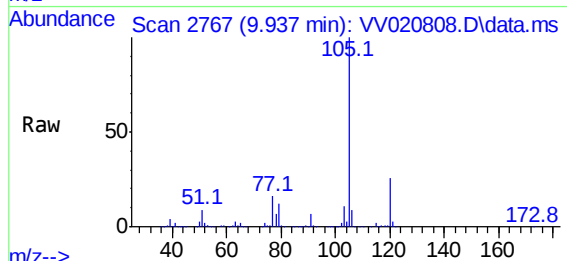




#56
Isopropylbenzene
Concen: 52.35 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

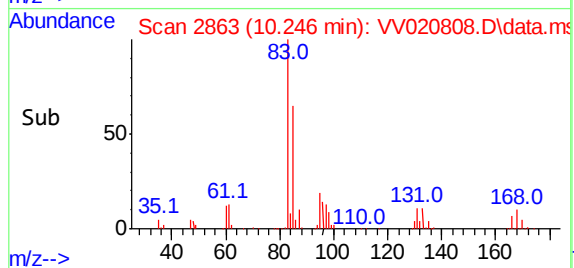
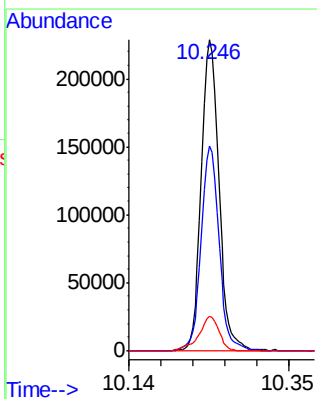
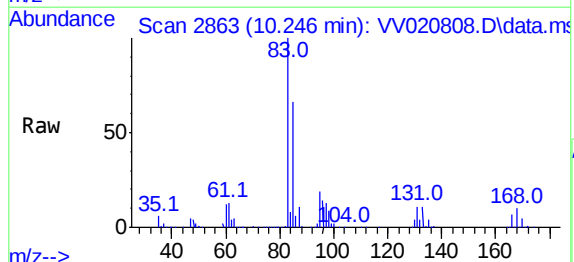
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

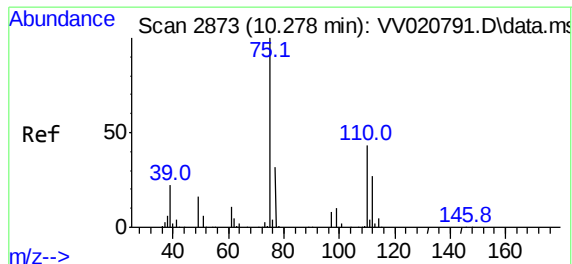
Tgt Ion:105 Resp: 1175520
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 16.0 12.9 19.3



#58
1,1,2,2-Tetrachloroethane
Concen: 47.31 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion: 83 Resp: 365100
Ion Ratio Lower Upper
83 100
85 65.7 44.7 83.1
131 11.1 8.6 12.8

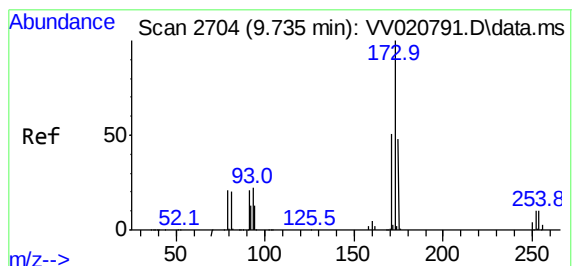
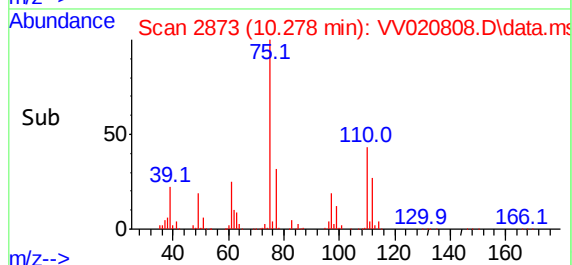
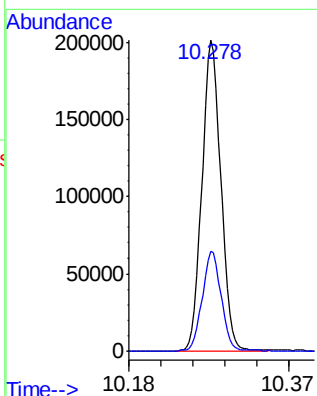
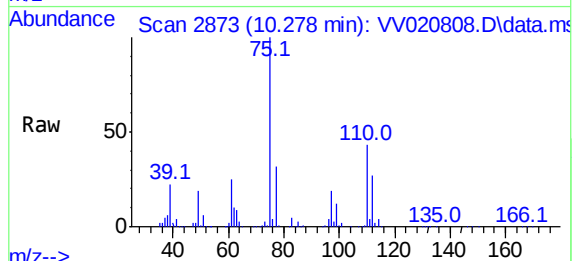




#59
1,2,3-Trichloropropane
Concen: 49.49 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

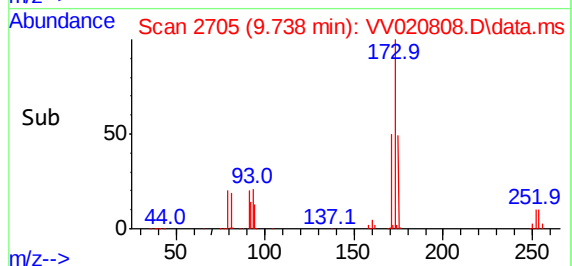
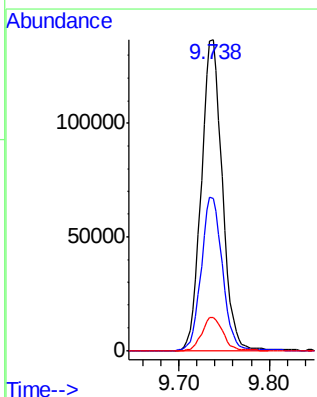
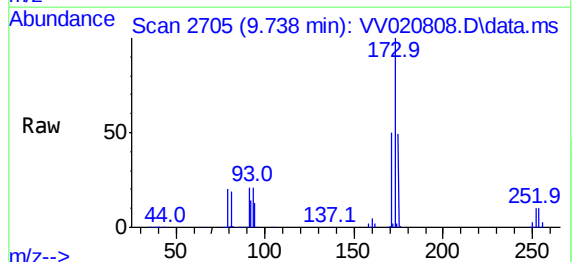
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

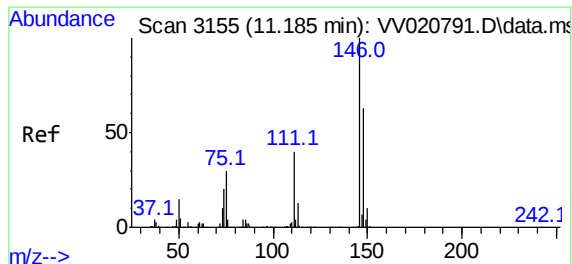
Tgt Ion: 75 Resp: 310766
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9



#61
Bromoform
Concen: 48.74 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion:173 Resp: 218644
Ion Ratio Lower Upper
173 100
175 49.7 38.4 57.6
254 10.6 8.5 12.7

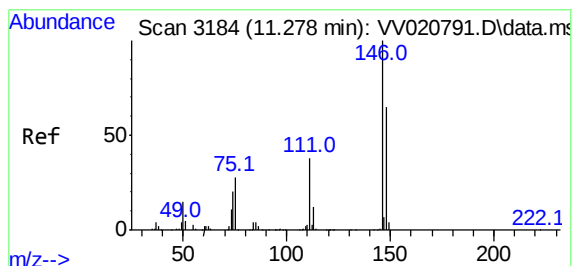
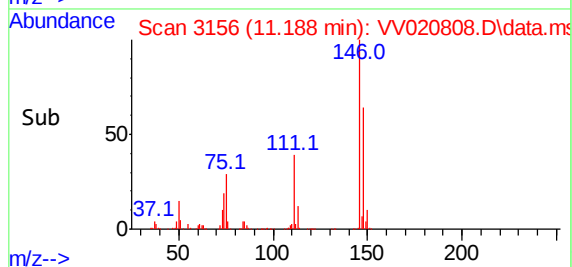
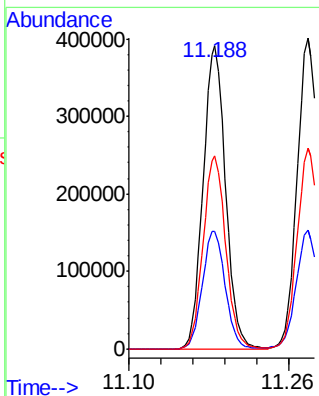
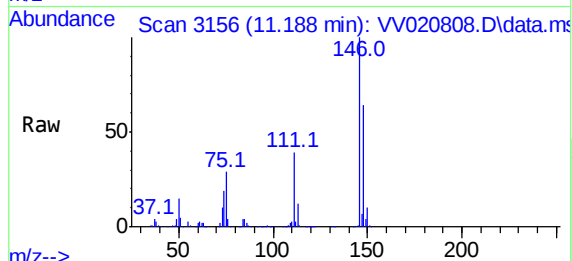




#62
1,3-Dichlorobenzene
Concen: 48.85 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

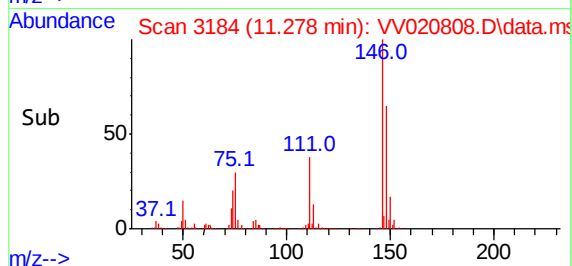
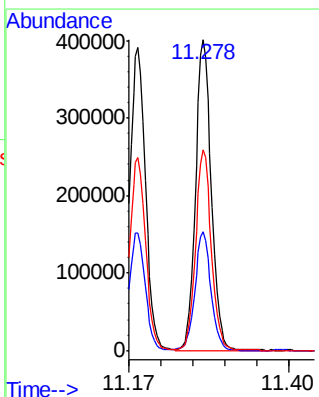
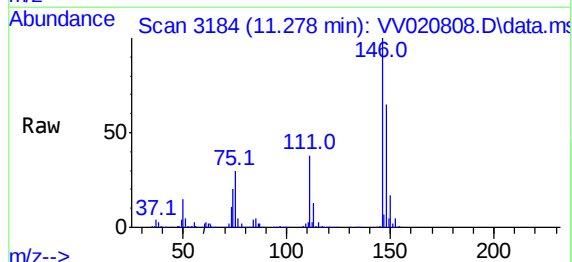
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

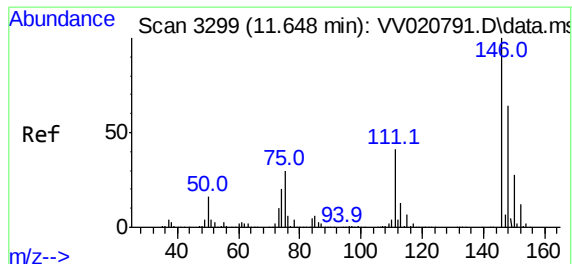
Tgt Ion:146 Resp: 588999
Ion Ratio Lower Upper
146 100
111 39.0 27.4 51.0
148 63.7 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 48.30 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

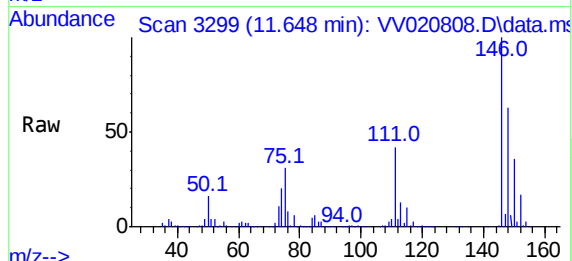
Tgt Ion:146 Resp: 605735
Ion Ratio Lower Upper
146 100
111 38.2 26.0 48.4
148 64.6 44.1 81.9



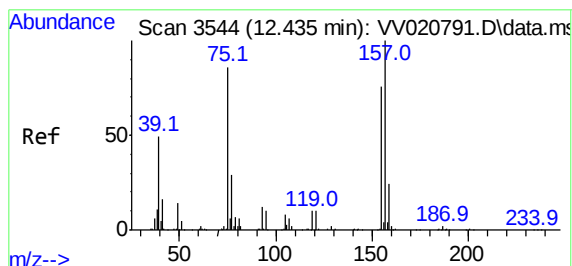
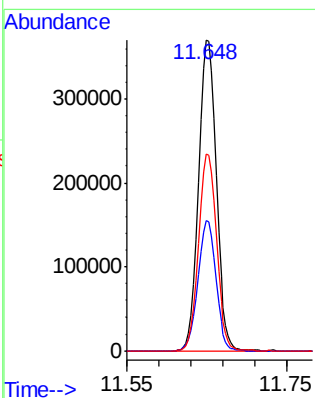
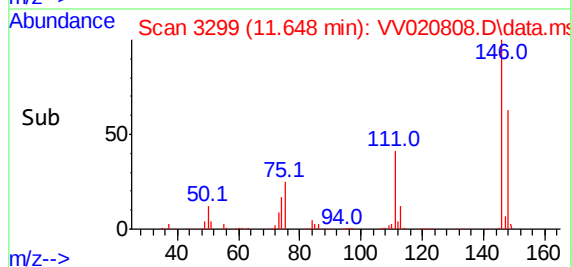


#65
1,2-Dichlorobenzene
Concen: 48.99 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

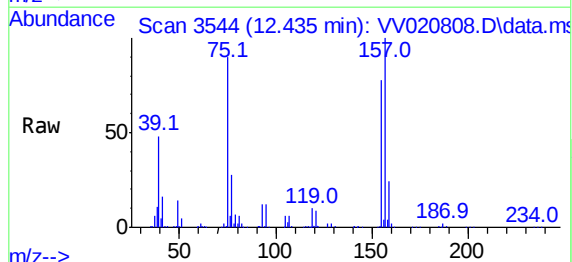
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096



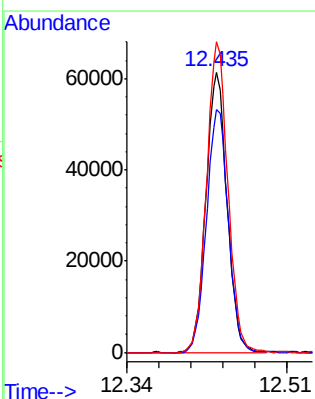
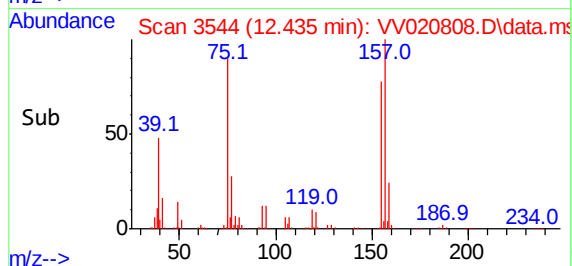
Tgt Ion:146 Resp: 582215
Ion Ratio Lower Upper
146 100
111 41.8 34.1 51.1
148 63.2 51.4 77.0

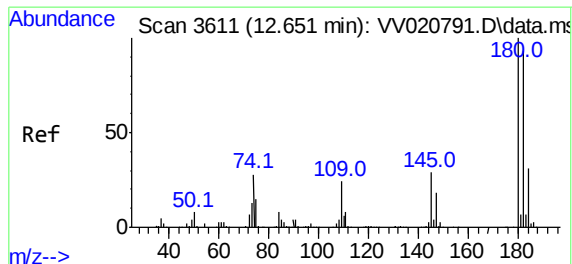


#66
1,2-Dibromo-3-chloropropane
Concen: 46.32 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49



Tgt Ion: 75 Resp: 93072
Ion Ratio Lower Upper
75 100
155 86.7 65.3 97.9
157 111.0 85.8 128.6

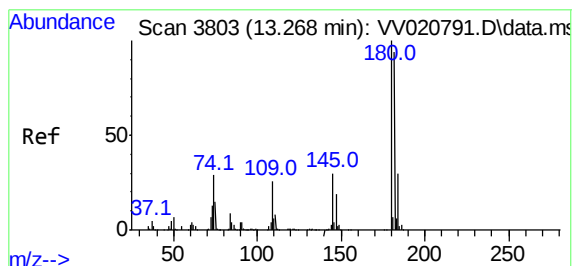
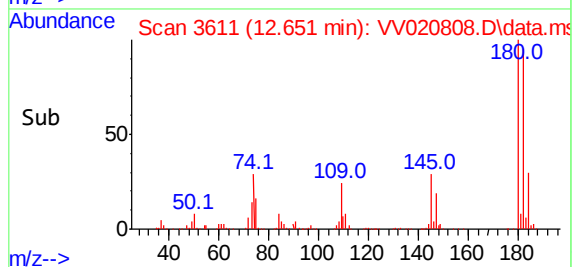
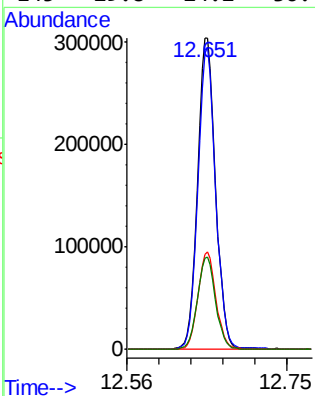
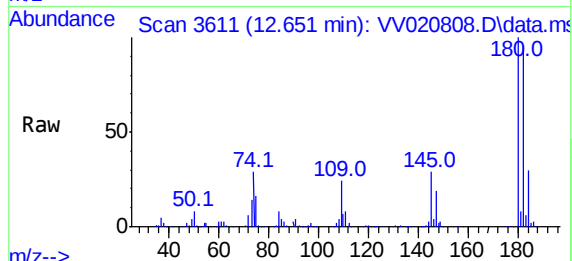




#67
1,3,5-Trichlorobenzene
Concen: 49.32 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

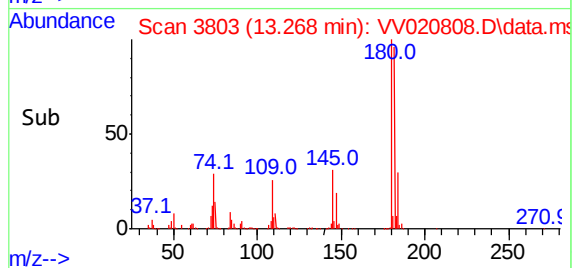
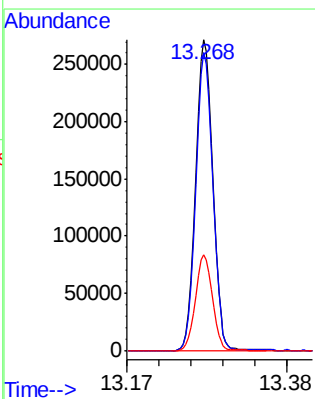
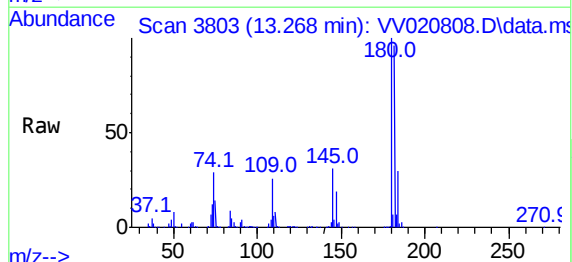
Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

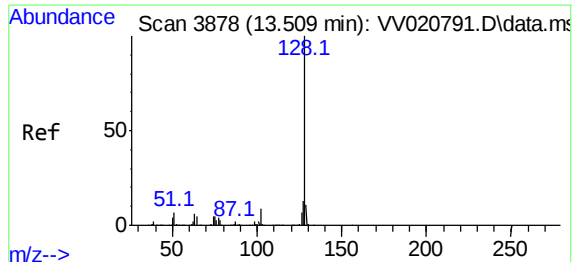
Tgt Ion:180 Resp: 461027
Ion Ratio Lower Upper
180 100
182 96.2 76.3 114.5
184 31.0 24.5 36.7
145 29.8 24.2 36.4



#68
1,2,4-trichlorobenzene
Concen: 51.45 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion:180 Resp: 407749
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.6
145 30.4 23.9 35.9

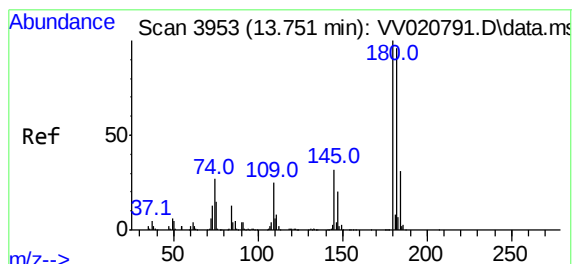
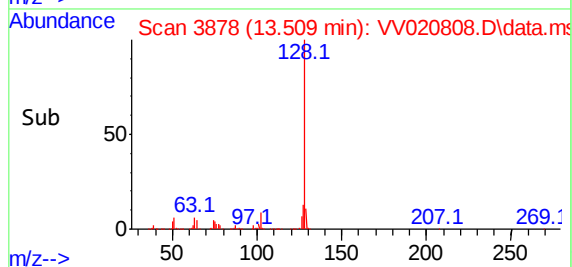
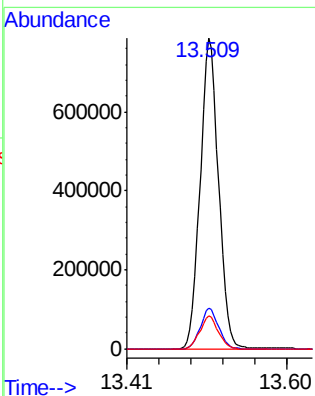
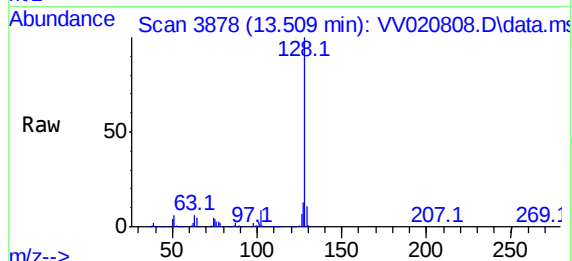




#69
Naphthalene
Concen: 51.87 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD05096

Tgt Ion:128 Resp: 1176726
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 51.51 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020808.D
Acq: 29 Mar 2021 16:49

Tgt Ion:180 Resp: 408774
Ion Ratio Lower Upper
180 100
182 94.4 75.2 112.8
145 31.2 25.5 38.3

