

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040221\
 Data File : VW020870.D
 Acq On : 02 Apr 2021 10:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Apr 03 00:28:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 08:30:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	680775	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	676192	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	396657	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	168842	34.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.86%		
7) Chloroethane-d5	1.571	69	138834	37.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.98%		
11) 1,1-Dichloroethene-d2	2.108	63	369512	40.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.04%		
21) 2-Butanone-d5	3.895	46	277178	88.15	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.15%		
24) Chloroform-d	4.349	84	463885	48.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.58%		
26) 1,2-Dichloroethane-d4	5.034	65	307851	48.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.30%		
32) Benzene-d6	5.050	84	813933	45.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.32%		
36) 1,2-Dichloropropane-d6	6.072	67	239821	43.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.68%		
41) Toluene-d8	7.316	98	814552	48.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.10%		
43) trans-1,3-Dichloroprop...	7.622	79	143469	48.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.46%		
47) 2-Hexanone-d5	8.091	63	213697	92.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.11%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	367828	45.63	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.26%		
64) 1,2-Dichlorobenzene-d4	11.631	152	372542	48.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.78%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	305831	47.95	ug/L	100
3) Chloromethane	1.243	50	202736	39.82	ug/L	99
5) Vinyl chloride	1.313	62	225379	43.33	ug/L	99
6) Bromomethane	1.522	94	165144	50.36	ug/L	100
8) Chloroethane	1.587	64	137860	45.88	ug/L	99
9) Trichlorofluoromethane	1.754	101	478036	53.77	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	236186	55.27	ug/L	94
12) 1,1-Dichloroethene	2.117	96	204952	51.59	ug/L	86
13) Acetone	2.191	43	276404	123.27	ug/L	99
14) Carbon disulfide	2.294	76	593942	45.21	ug/L	99
15) Methyl Acetate	2.439	43	210609	44.99	ug/L	93
16) Methylene chloride	2.506	84	242894	50.13	ug/L	91
17) trans-1,2-Dichloroethene	2.760	96	225501	49.50	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	742880	52.59	ug/L	98
19) 1,1-Dichloroethane	3.191	63	415264	49.06	ug/L	100
20) cis-1,2-Dichloroethene	3.911	96	254001	52.11	ug/L	91
22) 2-Butanone	3.985	43	340421	103.72	ug/L	94
23) Bromochloromethane	4.249	128	142972	54.49	ug/L	86
25) Chloroform	4.378	83	482464	53.59	ug/L	97
27) 1,2-Dichloroethane	5.133	62	374709	52.10	ug/L	98

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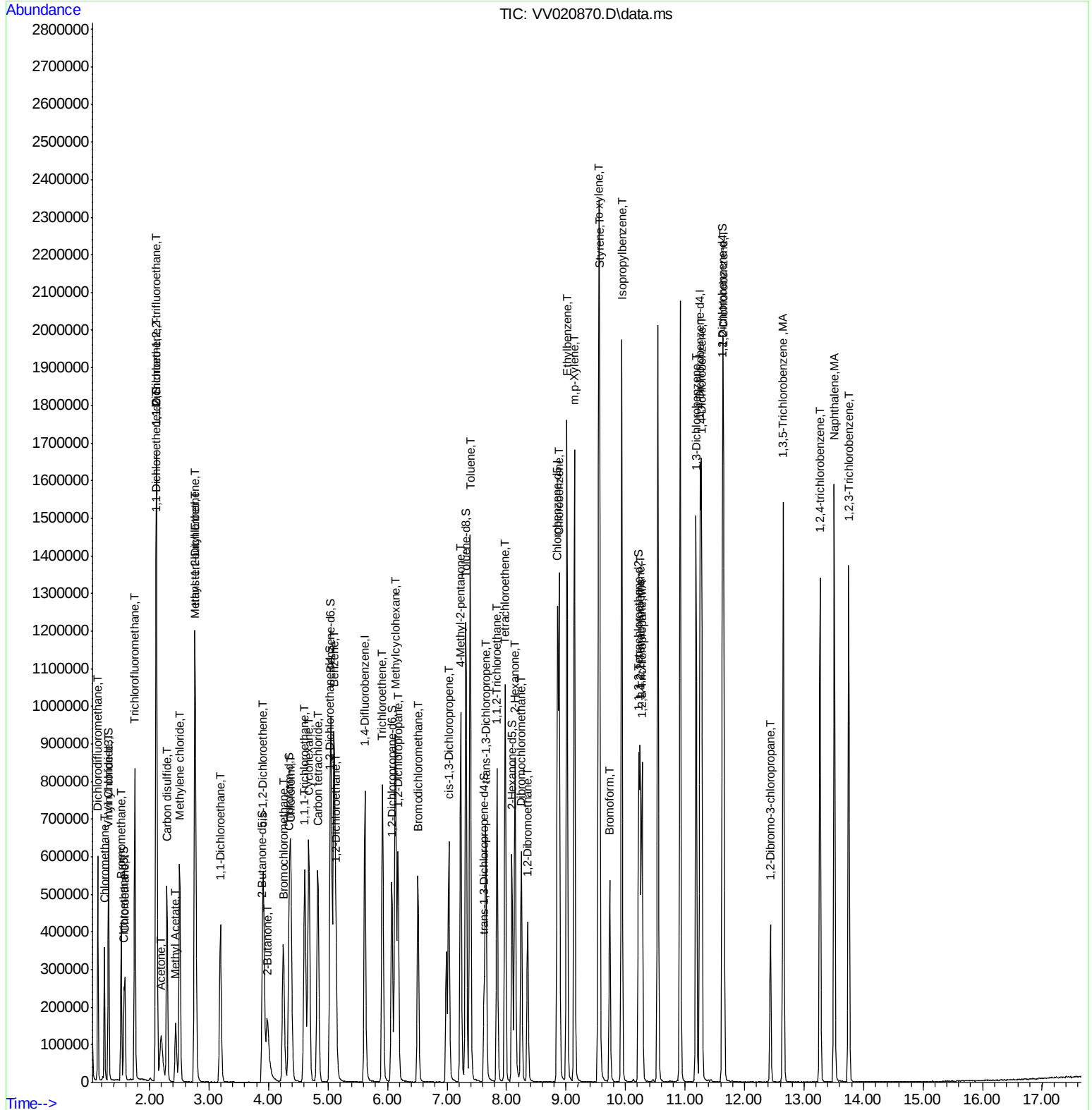
Instrument :
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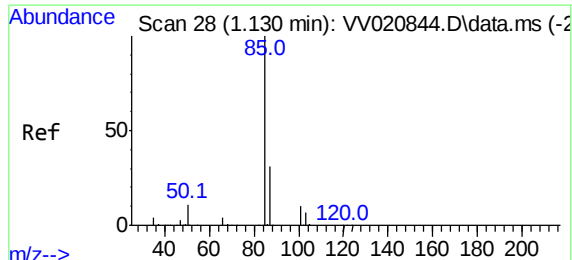
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	341056	44.59	ug/L	91
30) 1,1,1-Trichloroethane	4.609	97	463188	55.38	ug/L	97
31) Carbon tetrachloride	4.828	117	423019	56.63	ug/L	99
33) Benzene	5.101	78	916998	49.17	ug/L	100
34) Trichloroethene	5.915	95	265816	51.99	ug/L	95
35) Methylcyclohexane	6.133	83	390156	49.74	ug/L	95
37) 1,2-Dichloropropane	6.175	63	222597	45.51	ug/L	99
38) Bromodichloromethane	6.513	83	358373	52.17	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	373113	49.41	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	605087	92.26	ug/L	96
42) Toluene	7.390	91	1057838	52.18	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	401317	52.78	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	250045	51.97	ug/L	96
46) Tetrachloroethene	7.976	164	237548	55.66	ug/L	98
48) 2-Hexanone	8.143	43	512699	102.40	ug/L #	97
49) Dibromochloromethane	8.249	129	316125	56.40	ug/L	97
50) 1,2-Dibromoethane	8.355	107	277448	53.84	ug/L	95
51) Chlorobenzene	8.886	112	710990	52.25	ug/L	98
52) Ethylbenzene	9.014	91	1201022	51.92	ug/L	98
53) m,p-Xylene	9.143	106	458808	53.32	ug/L	98
54) o-xylene	9.548	106	457877	55.21	ug/L	96
55) Styrene	9.564	104	797708	54.74	ug/L	97
56) Isopropylbenzene	9.937	105	1247096	54.60	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	381395	48.59	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	326005	51.04	ug/L	99
61) Bromoform	9.734	173	241303	53.58	ug/L	99
62) 1,3-Dichlorobenzene	11.184	146	615803	50.87	ug/L	100
63) 1,4-Dichlorobenzene	11.278	146	628548	49.93	ug/L	98
65) 1,2-Dichlorobenzene	11.647	146	627614	52.61	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	98702	48.94	ug/L	85
67) 1,3,5-Trichlorobenzene	12.651	180	489876	52.21	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	417883	52.53	ug/L	100
69) Naphthalene	13.509	128	1212803	53.26	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	422576	53.04	ug/L	98

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

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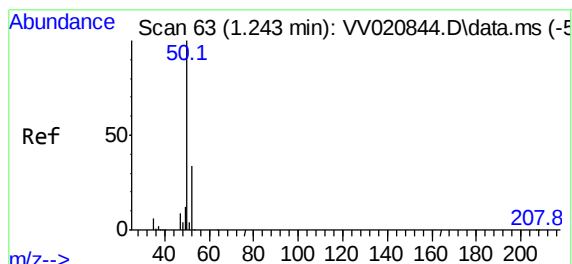
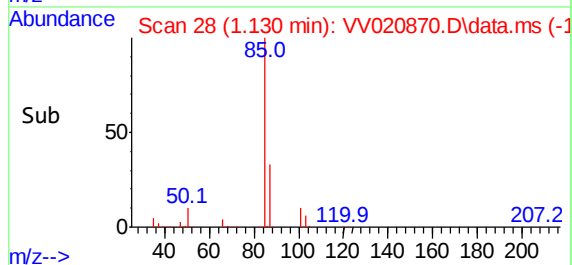
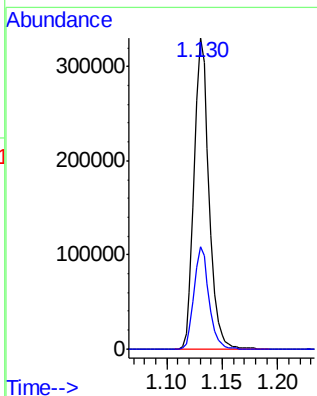
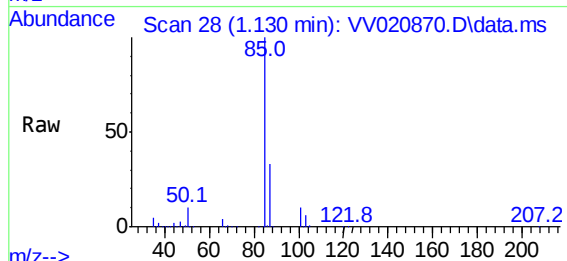


#2

Dichlorodifluoromethane
 Concen: 47.95 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV020870.D
 Acq: 02 Apr 2021 10:04

Instrument :
 MSVOA_V
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 VSTD05069

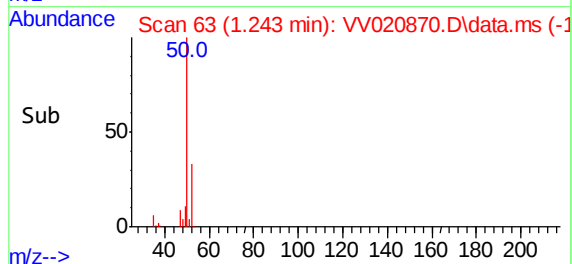
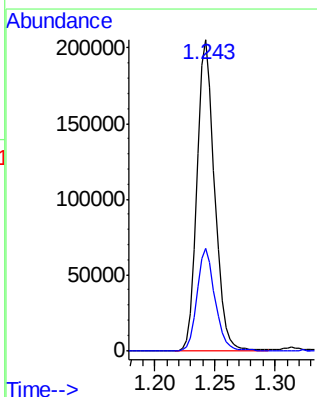
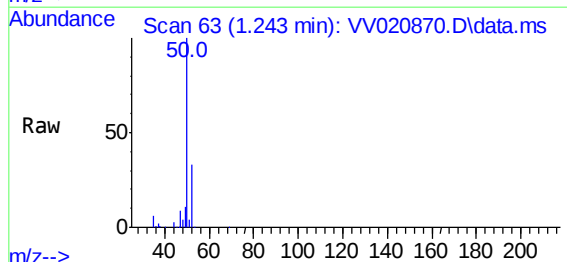
Tgt Ion: 85 Resp: 305831
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.3 39.5

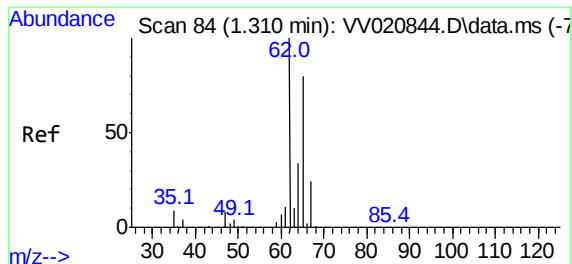


#3

Chloromethane
 Concen: 39.82 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV020870.D
 Acq: 02 Apr 2021 10:04

Tgt Ion: 50 Resp: 202736
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.1

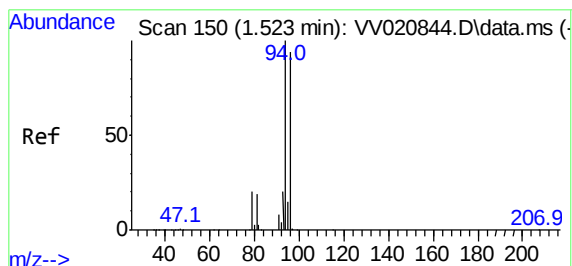
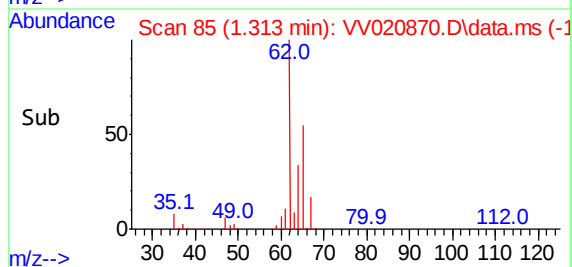
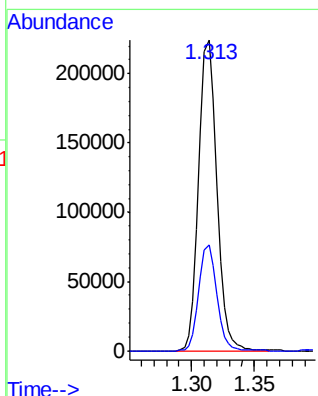
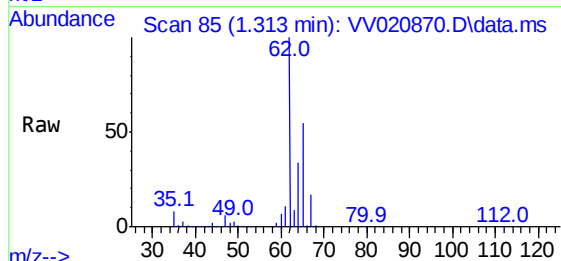




#5
 Vinyl chloride
 Concen: 43.33 ug/L
 RT: 1.313 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020870.D
 Acq: 02 Apr 2021 10:04

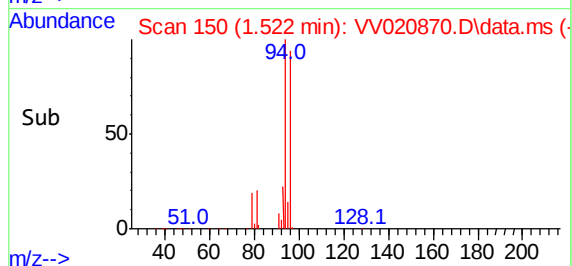
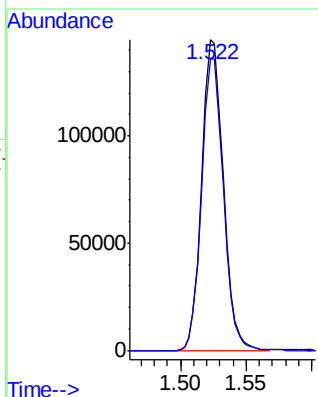
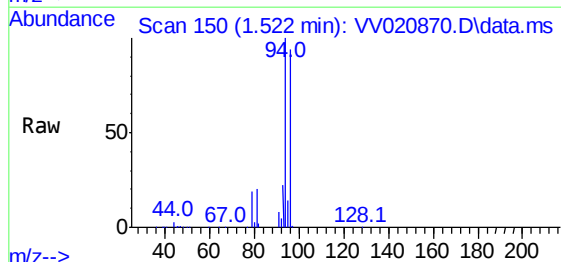
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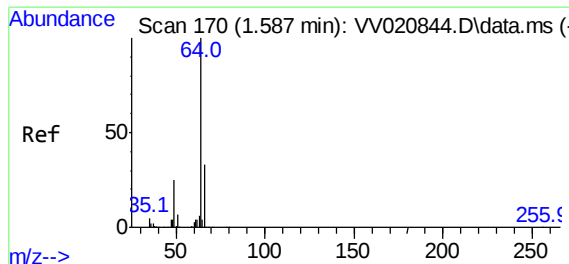
Tgt Ion: 62 Resp: 225379
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.3 43.3



#6
 Bromomethane
 Concen: 50.36 ug/L
 RT: 1.522 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV020870.D
 Acq: 02 Apr 2021 10:04

Tgt Ion: 94 Resp: 165144
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.6 121.8

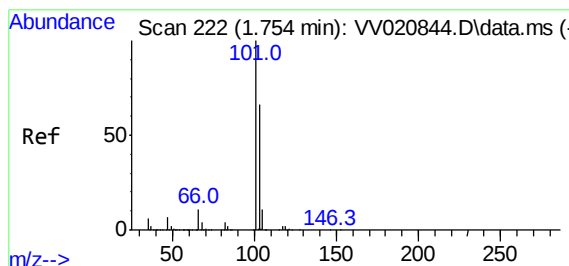
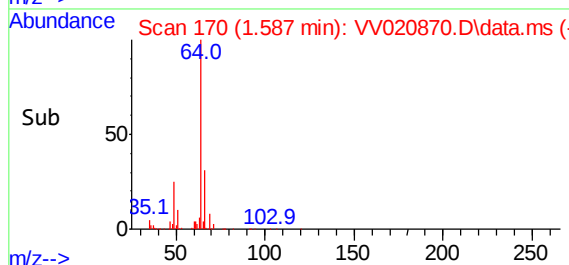
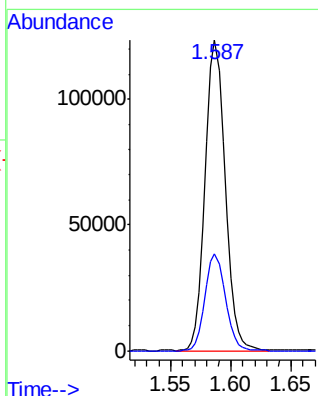
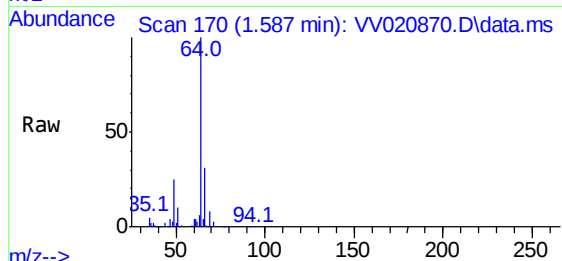




#8
Chloroethane
Concen: 45.88 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

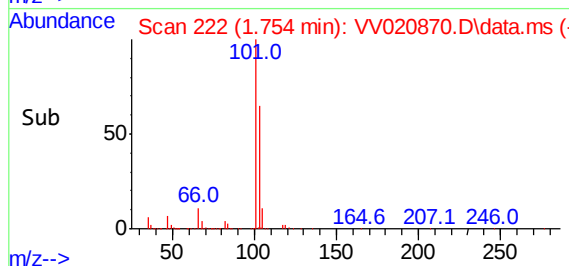
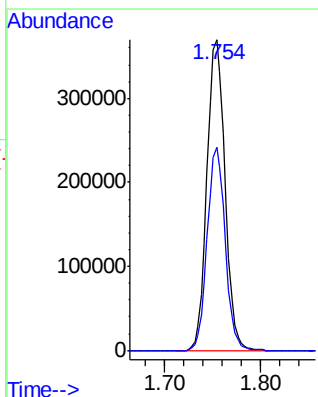
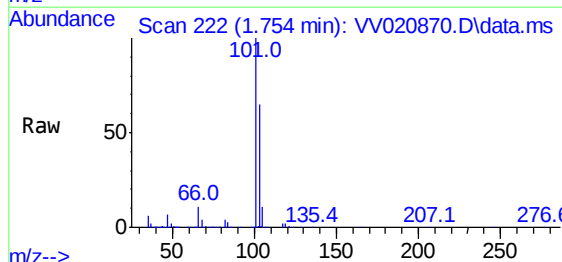
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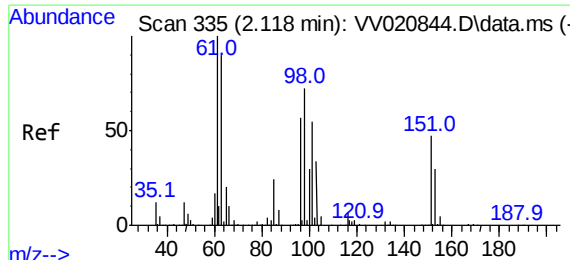
Tgt Ion: 64 Resp: 137860
Ion Ratio Lower Upper
64 100
66 31.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 53.77 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion:101 Resp: 478036
Ion Ratio Lower Upper
101 100
103 65.0 51.2 76.8

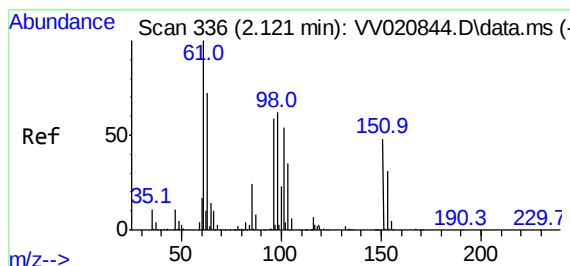
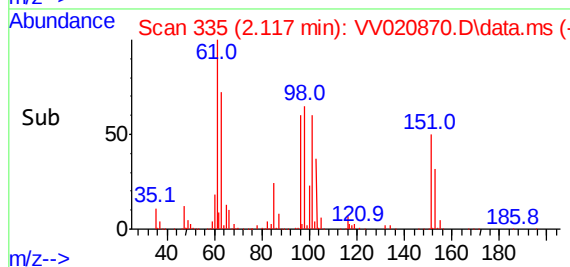
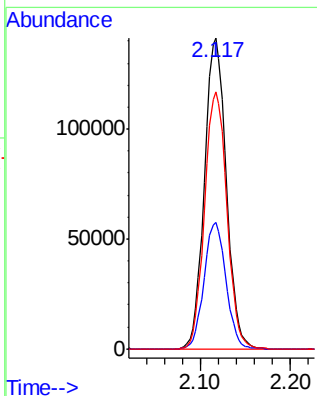
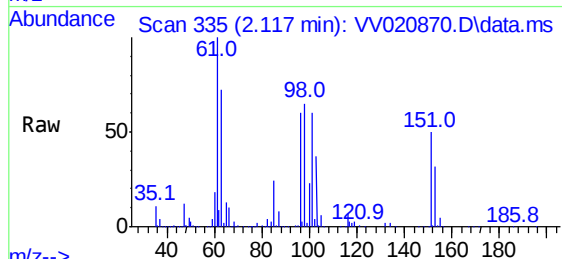




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 55.27 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV020870.D
 Acq: 02 Apr 2021 10:04

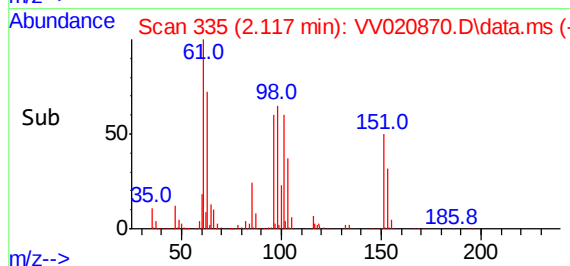
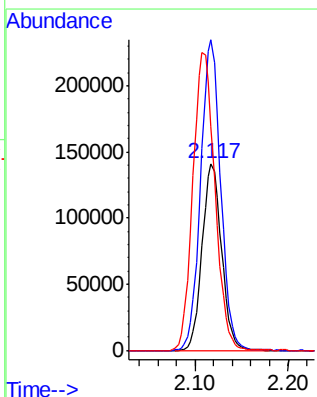
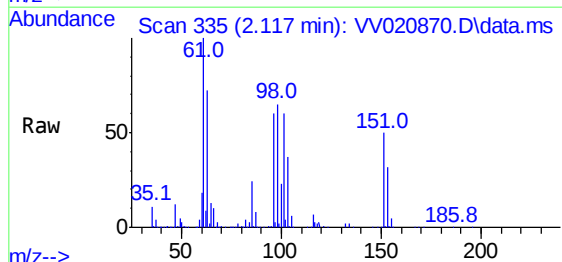
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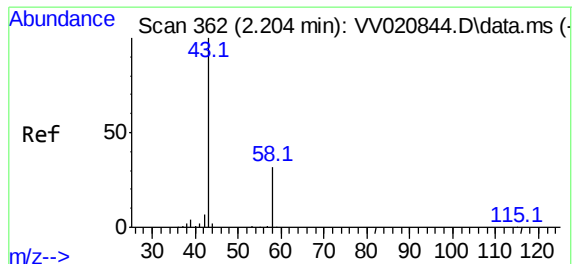
Tgt Ion:101 Resp: 236186
 Ion Ratio Lower Upper
 101 100
 85 40.8 35.4 53.0
 151 84.6 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 51.59 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020870.D
 Acq: 02 Apr 2021 10:04

Tgt Ion: 96 Resp: 204952
 Ion Ratio Lower Upper
 96 100
 61 166.3 126.3 234.6
 63 119.8 100.2 186.2

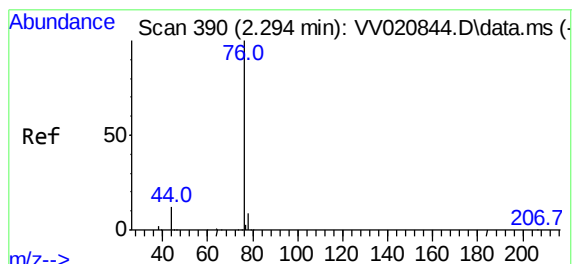
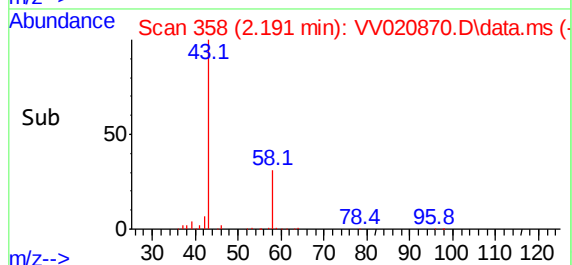
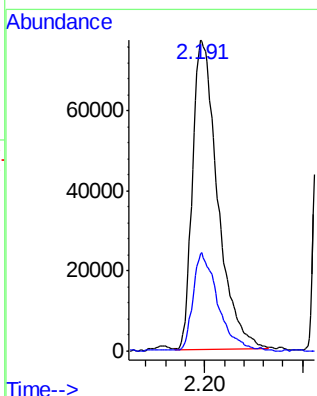
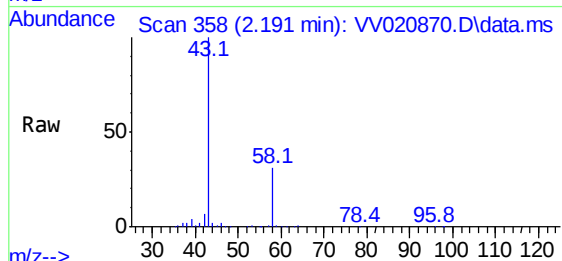




#13
Acetone
Concen: 123.27 ug/L
RT: 2.191 min Scan# 358
Delta R.T. -0.013 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

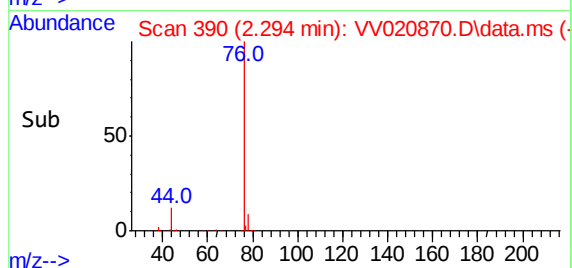
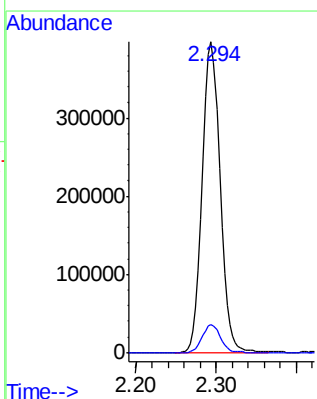
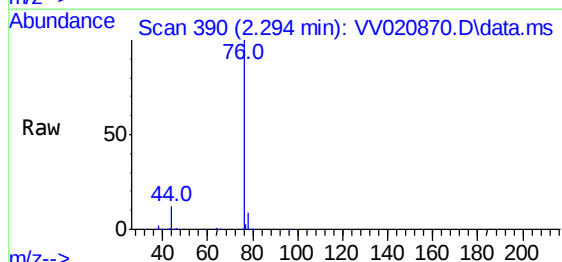
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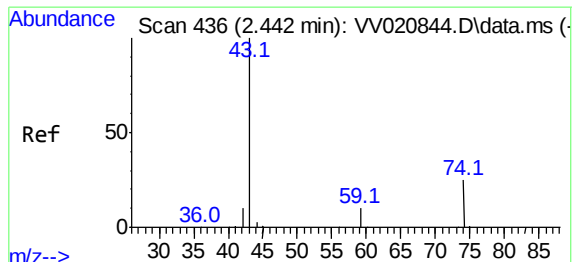
Tgt Ion: 43 Resp: 276404
Ion Ratio Lower Upper
43 100
58 31.1 0.0 60.8



#14
Carbon disulfide
Concen: 45.21 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 76 Resp: 593942
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

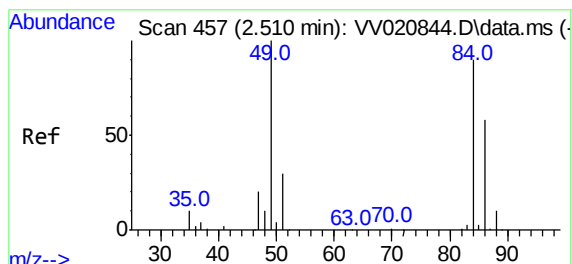
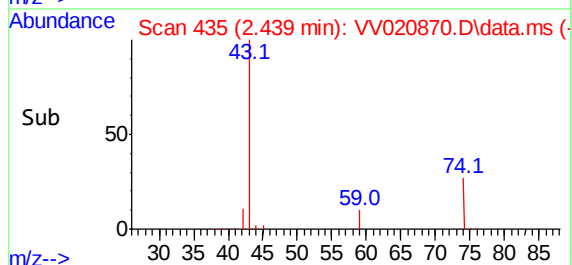
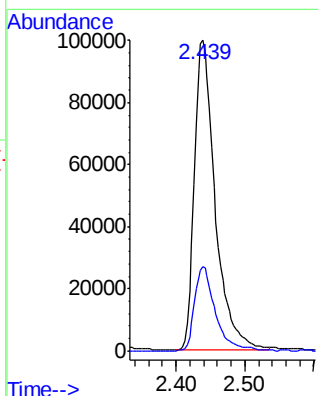
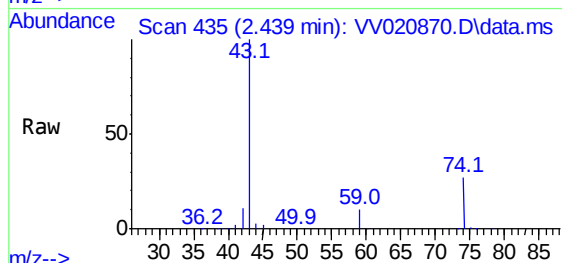




#15
Methyl Acetate
Concen: 44.99 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

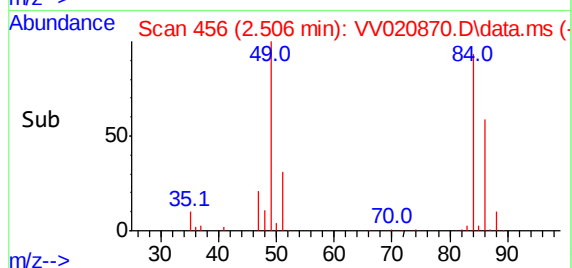
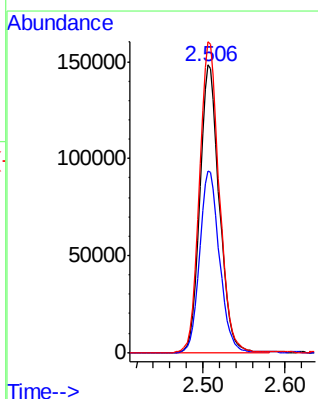
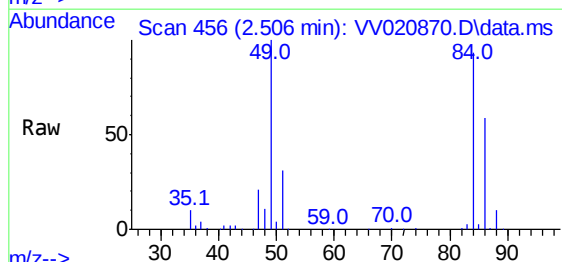
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

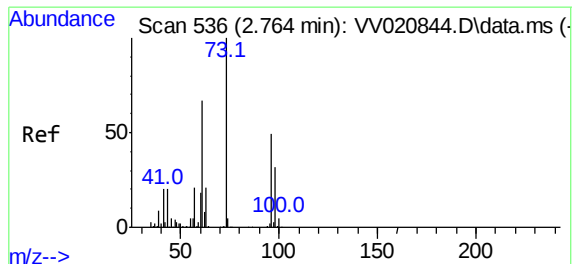
Tgt Ion: 43 Resp: 210609
Ion Ratio Lower Upper
43 100
74 26.5 18.4 27.6



#16
Methylene chloride
Concen: 50.13 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 84 Resp: 242894
Ion Ratio Lower Upper
84 100
86 63.2 43.9 81.5
49 107.9 86.3 160.3



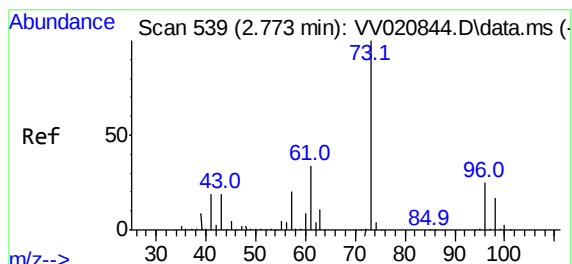
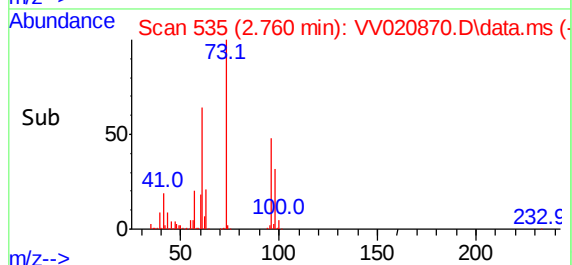
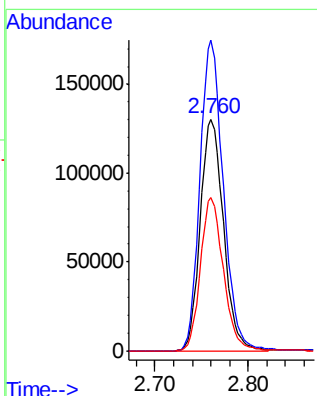
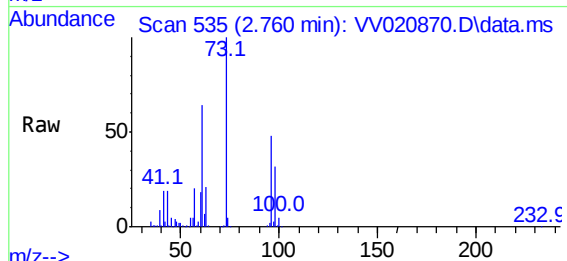


#17
trans-1,2-Dichloroethene
Concen: 49.50 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion: 96 Resp: 225501

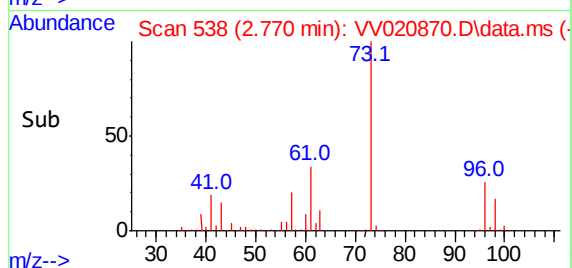
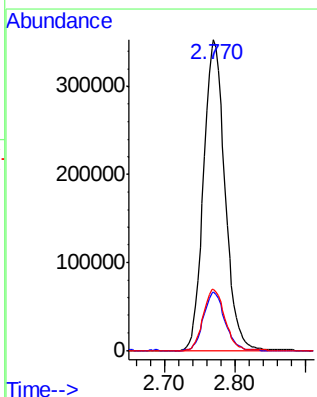
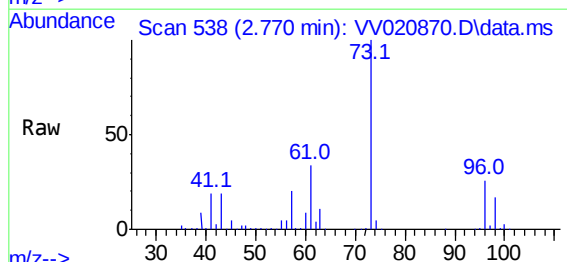
Ion	Ratio	Lower	Upper
96	100		
61	134.2	97.9	181.9
98	66.4	43.9	81.5

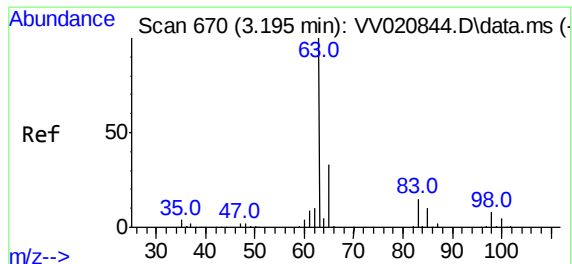


#18
Methyl tert-butyl Ether
Concen: 52.59 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 73 Resp: 742880

Ion	Ratio	Lower	Upper
73	100		
43	18.5	15.4	23.0
57	19.8	17.0	25.6

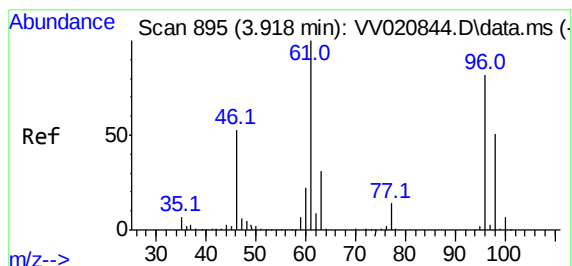
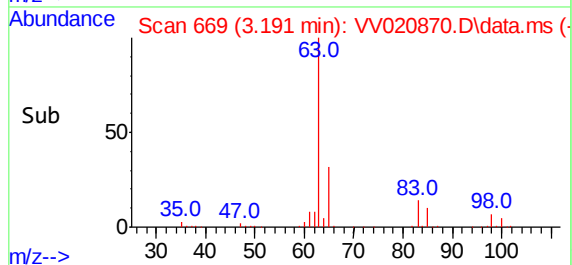
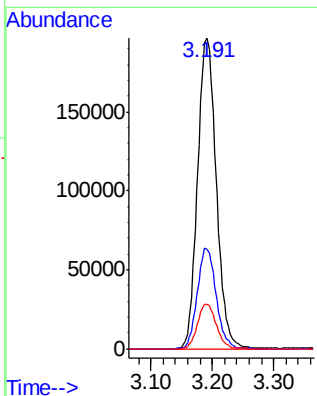
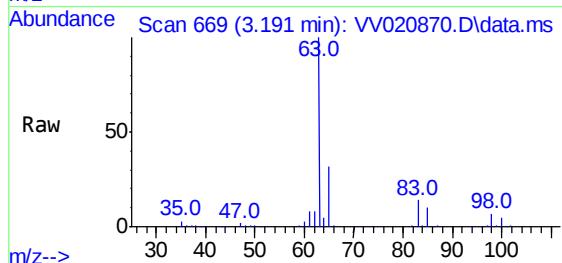




#19
1,1-Dichloroethane
Concen: 49.06 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

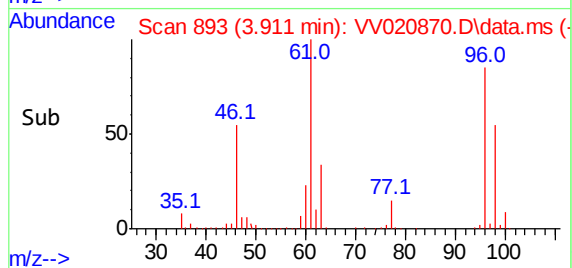
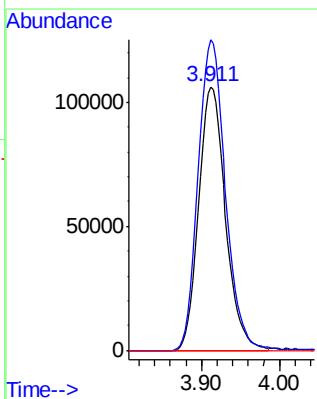
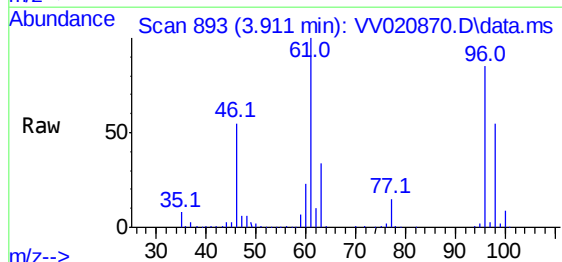
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

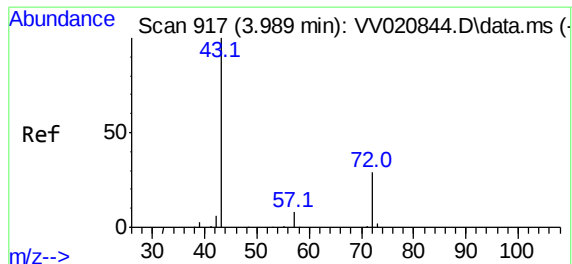
Tgt Ion: 63 Resp: 415264
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.9
83 14.3 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 52.11 ug/L
RT: 3.911 min Scan# 893
Delta R.T. -0.007 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 96 Resp: 254001
Ion Ratio Lower Upper
96 100
61 117.7 89.9 167.0
68 0.0 0.0 0.0

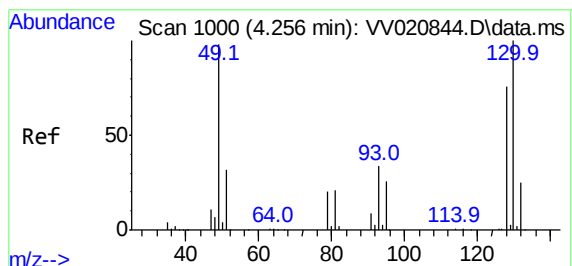
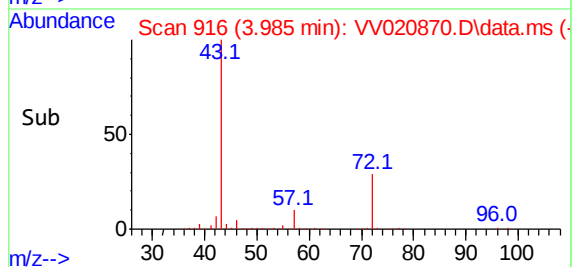
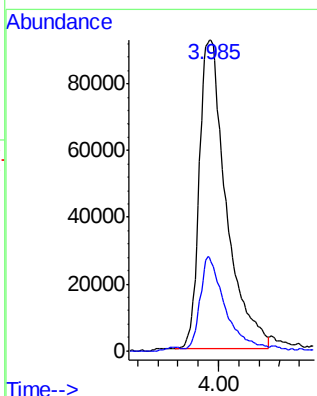
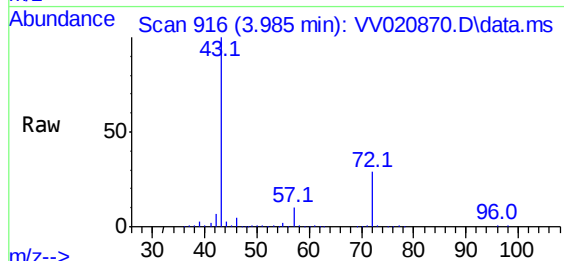




#22
2-Butanone
Concen: 103.72 ug/L
RT: 3.985 min Scan# 916
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

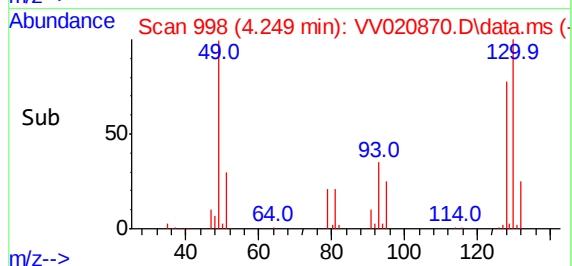
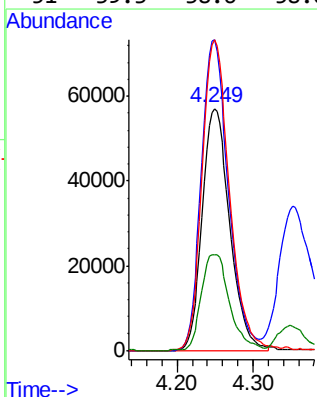
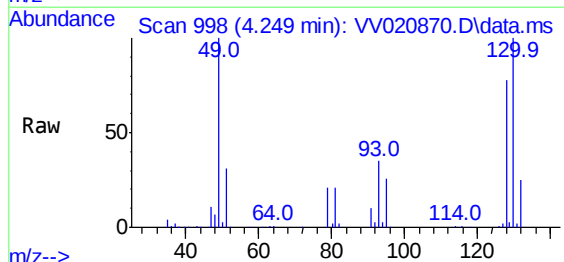
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

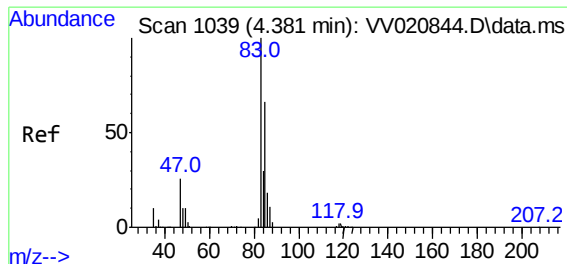
Tgt Ion: 43 Resp: 340421
Ion Ratio Lower Upper
43 100
72 26.6 11.9 35.9



#23
Bromochloromethane
Concen: 54.49 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.007 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 128 Resp: 142972
Ion Ratio Lower Upper
128 100
49 128.5 113.3 210.3
130 128.3 88.7 164.7
51 39.3 38.6 58.0

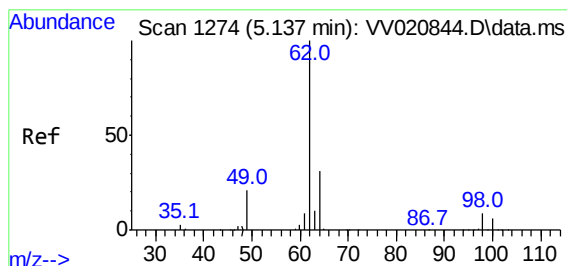
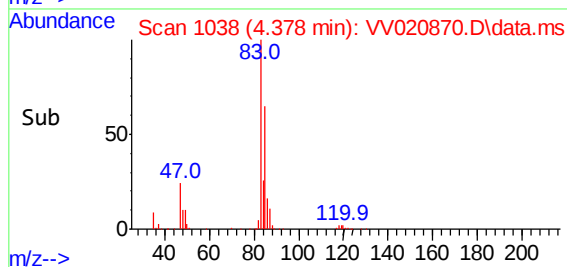
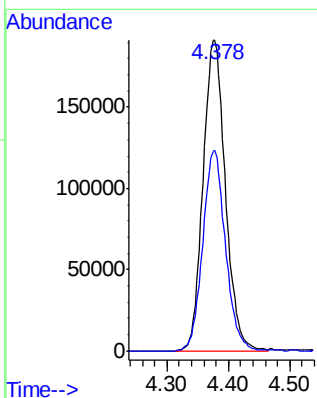
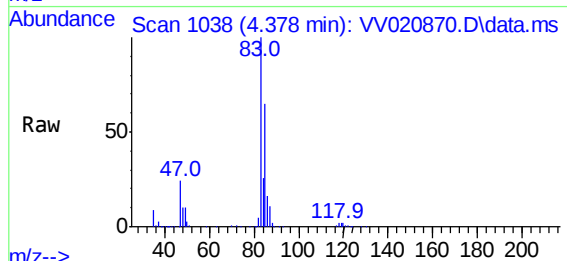




#25
Chloroform
Concen: 53.59 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

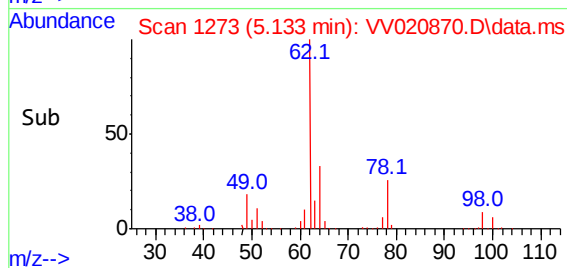
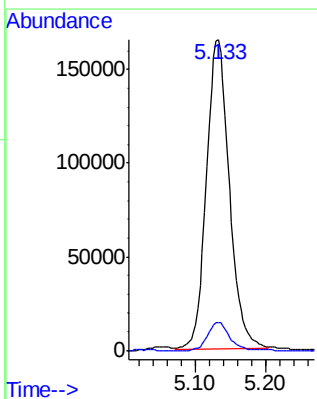
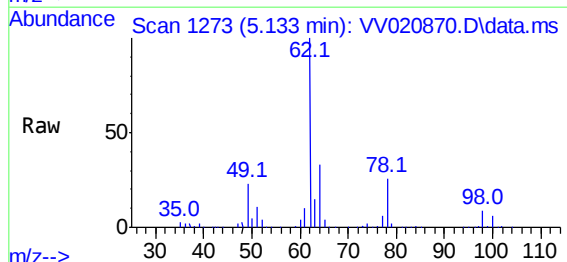
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

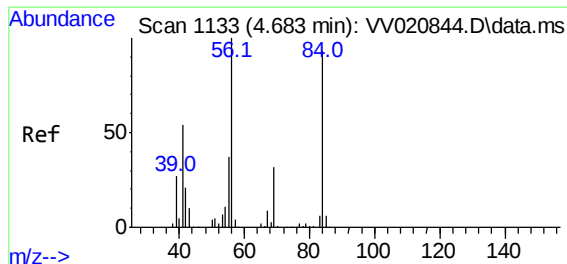
Tgt Ion: 83 Resp: 482464
Ion Ratio Lower Upper
83 100
85 64.6 46.7 86.7



#27
1,2-Dichloroethane
Concen: 52.10 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 62 Resp: 374709
Ion Ratio Lower Upper
62 100
98 9.1 6.8 10.2

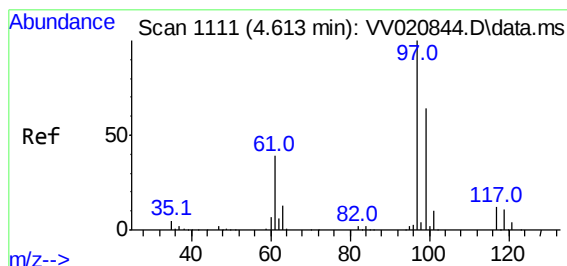
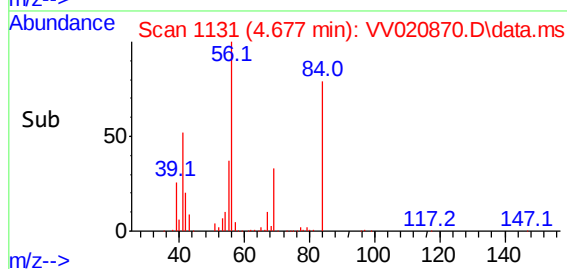
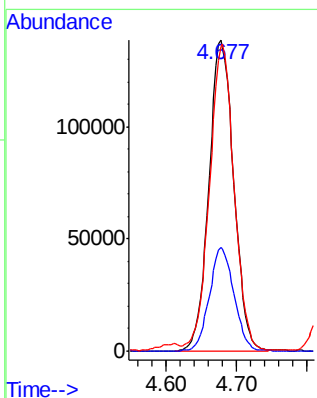
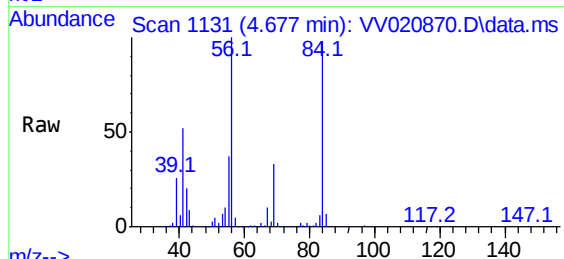




#29
Cyclohexane
Concen: 44.59 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.007 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

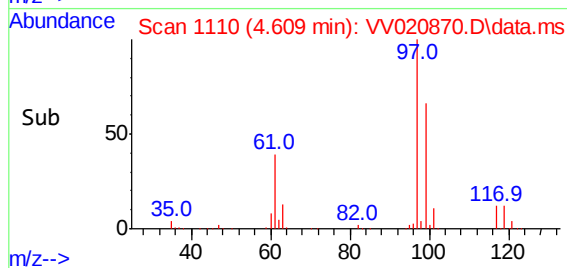
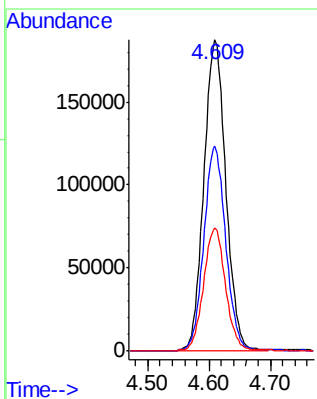
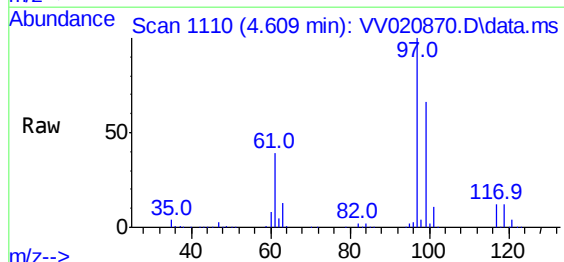
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

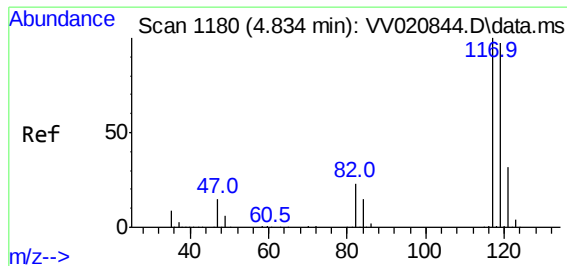
Tgt Ion: 56 Resp: 341056
Ion Ratio Lower Upper
56 100
69 32.7 24.4 36.6
84 97.8 69.9 104.9



#30
1,1,1-Trichloroethane
Concen: 55.38 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 97 Resp: 463188
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.2
61 39.2 33.9 50.9

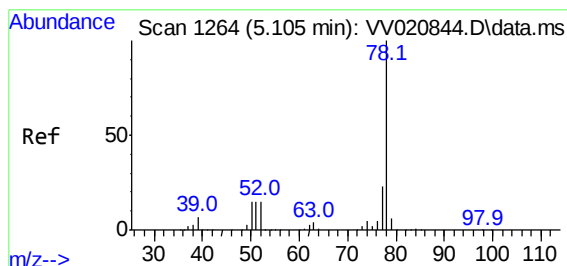
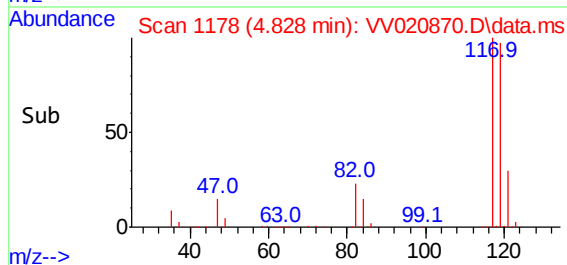
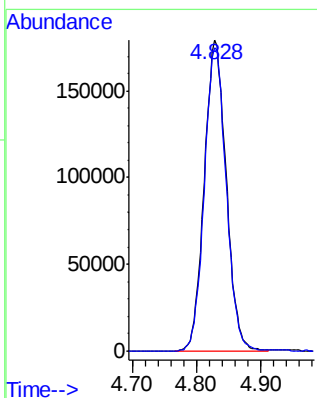
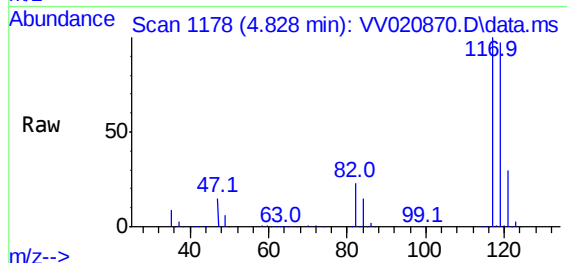




#31
Carbon tetrachloride
Concen: 56.63 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.007 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

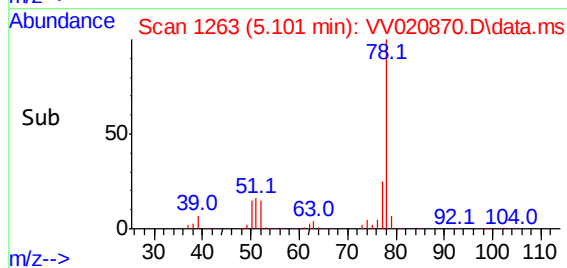
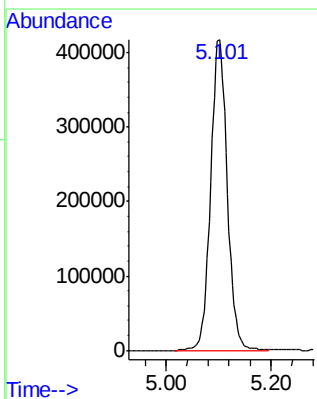
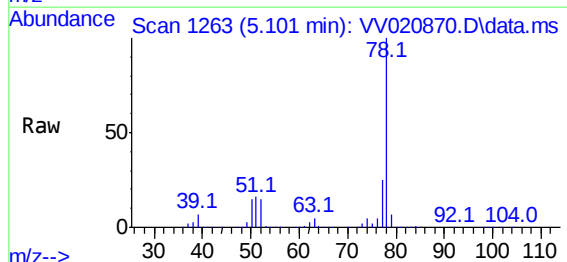
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

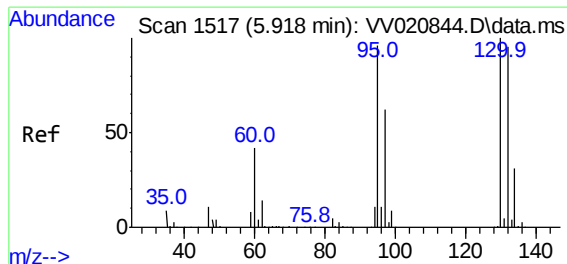
Tgt Ion:117 Resp: 423019
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3



#33
Benzene
Concen: 49.17 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 78 Resp: 916998

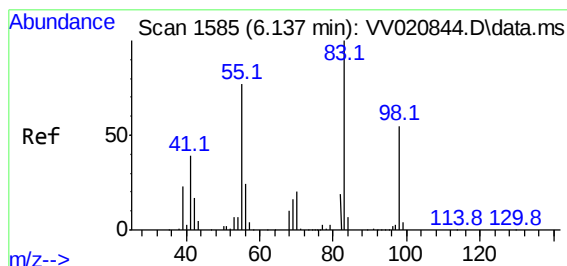
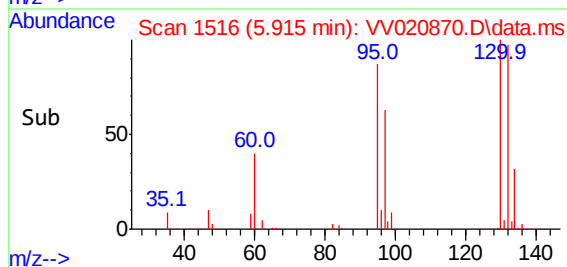
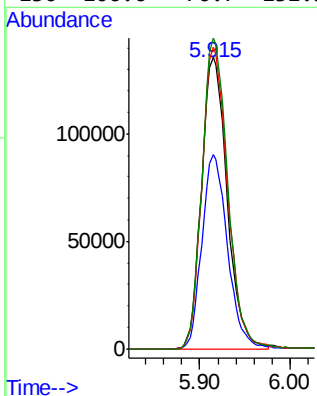
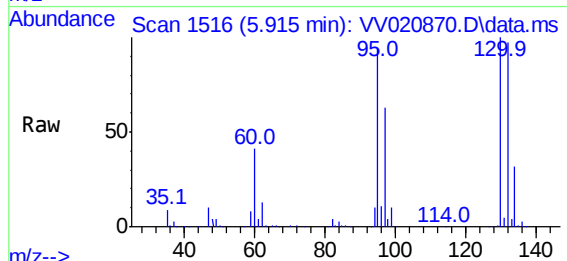




#34
Trichloroethene
Concen: 51.99 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

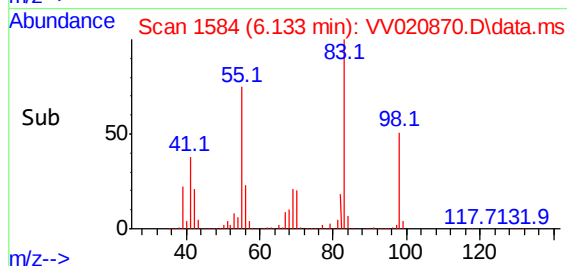
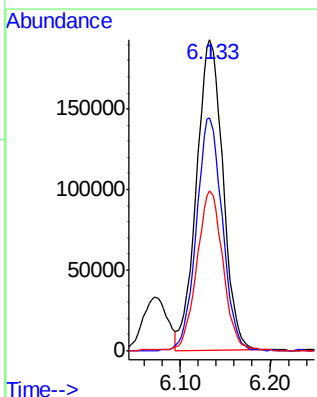
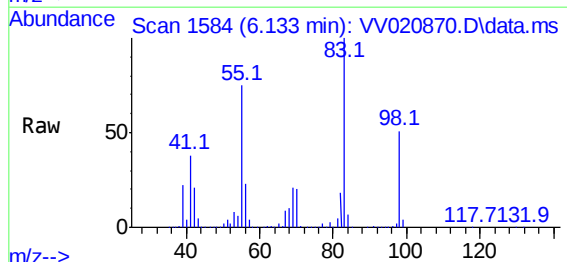
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

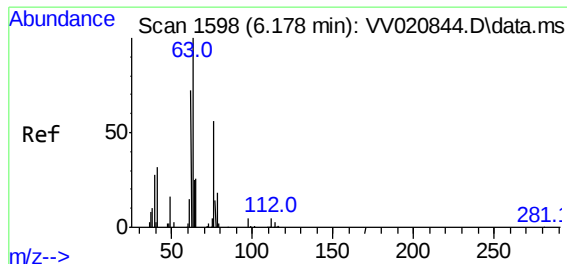
Tgt Ion: 95 Resp: 265816
Ion Ratio Lower Upper
95 100
97 66.7 43.5 80.9
132 103.4 69.5 129.1
130 106.6 70.7 131.3



#35
Methylcyclohexane
Concen: 49.74 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 83 Resp: 390156
Ion Ratio Lower Upper
83 100
55 73.6 62.7 94.1
98 50.9 38.9 58.3

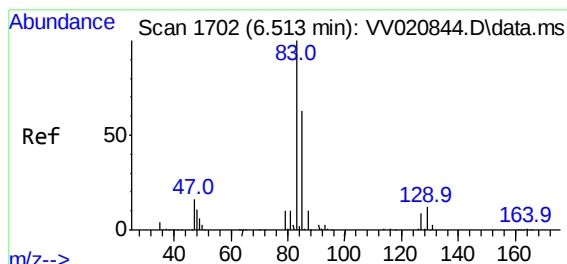
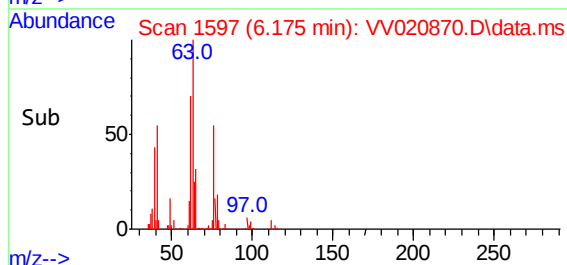
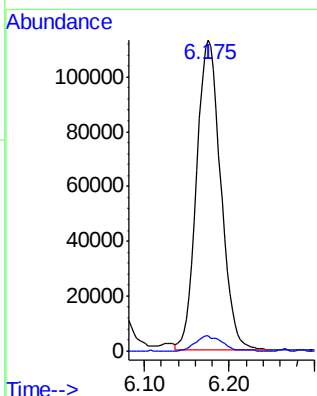
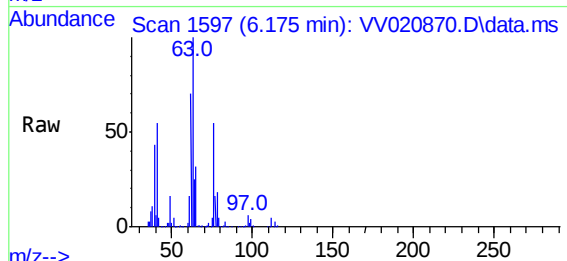




#37
1,2-Dichloropropane
Concen: 45.51 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

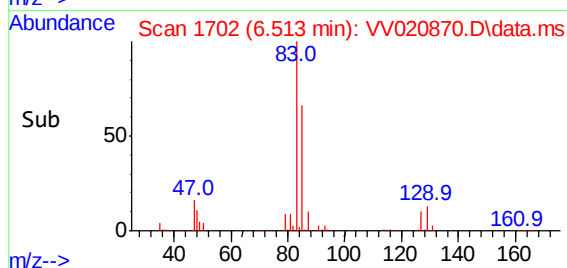
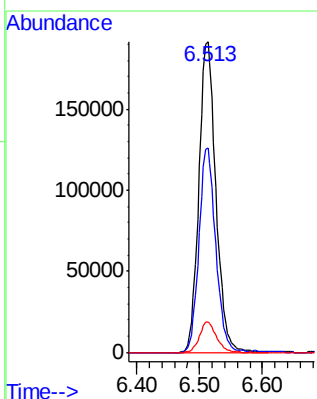
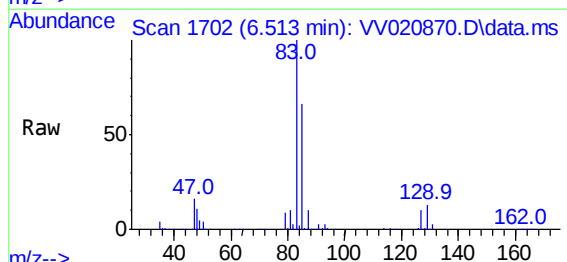
Instrument :
MSVOA_V
ClientSampled :
VSTD05069

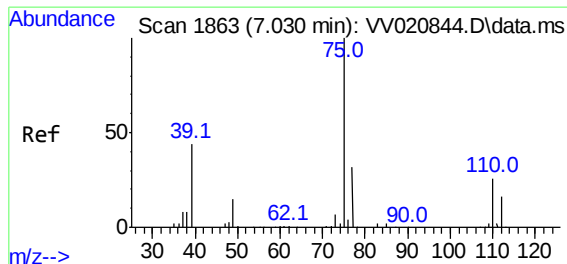
Tgt Ion: 63 Resp: 222597
Ion Ratio Lower Upper
63 100
112 5.1 3.7 5.5



#38
Bromodichloromethane
Concen: 52.17 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 83 Resp: 358373
Ion Ratio Lower Upper
83 100
85 65.7 44.5 82.7
127 10.0 6.8 10.2

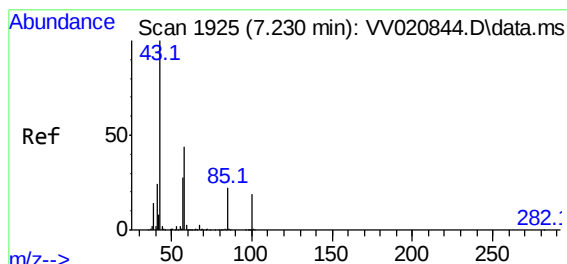
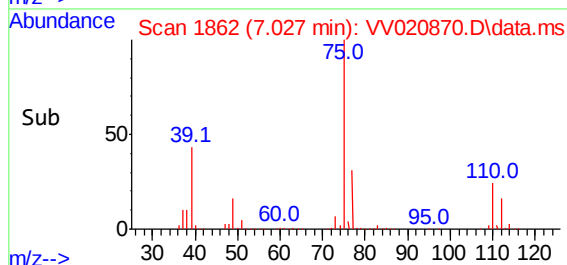
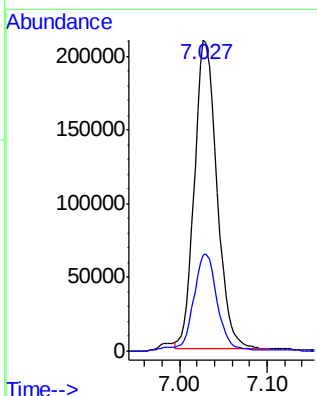
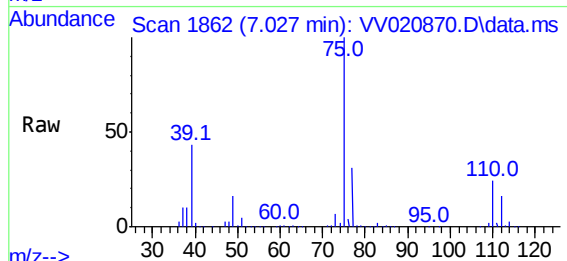




#39
cis-1,3-Dichloropropene
Concen: 49.41 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

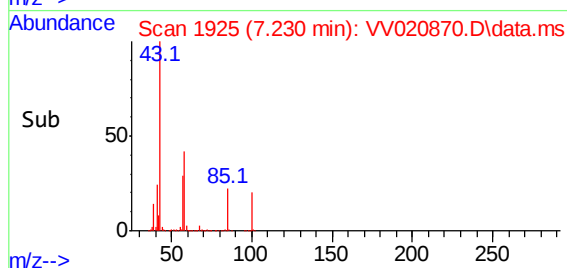
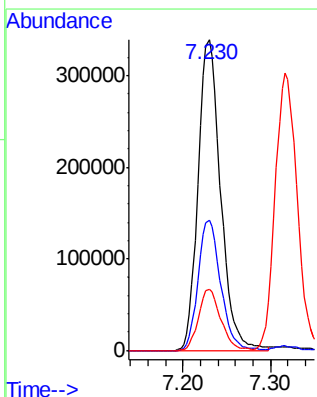
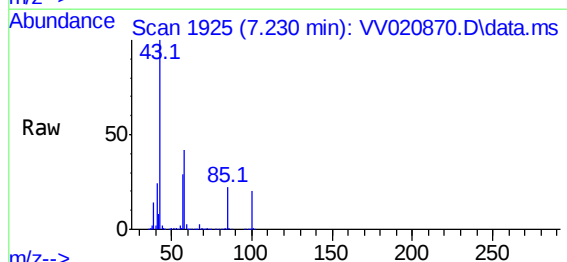
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

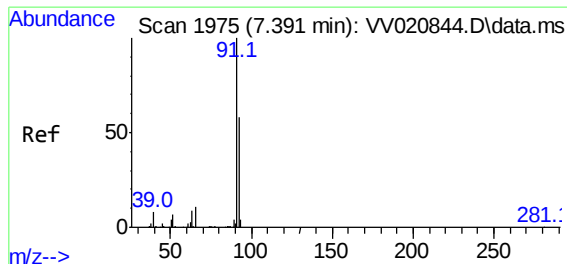
Tgt Ion: 75 Resp: 373113
Ion Ratio Lower Upper
75 100
77 30.6 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 92.26 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 43 Resp: 605087
Ion Ratio Lower Upper
43 100
58 42.0 32.3 48.5
100 19.3 13.0 19.4

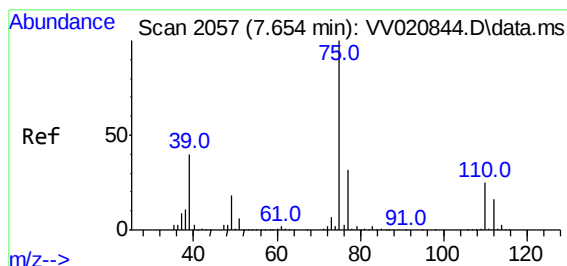
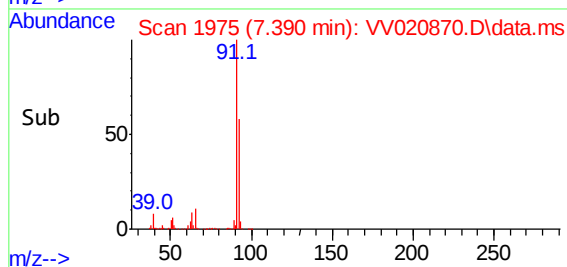
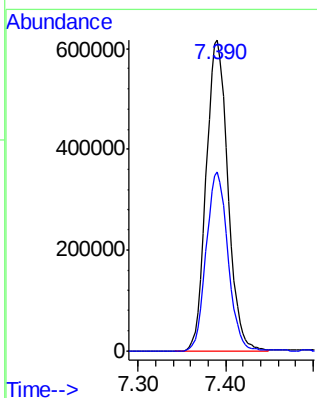
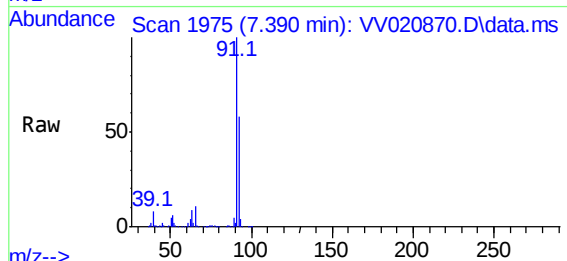




#42
Toluene
Concen: 52.18 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

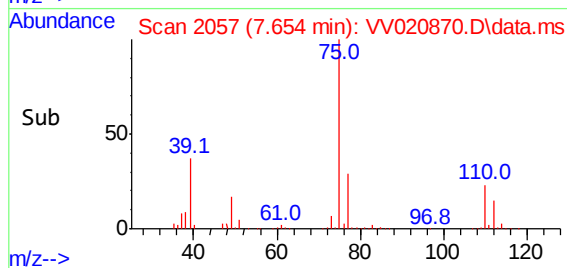
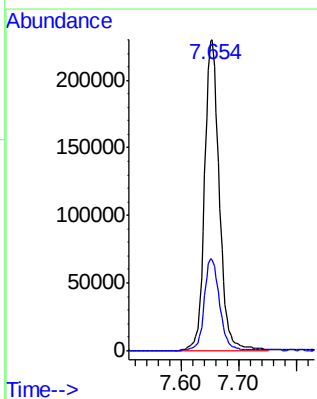
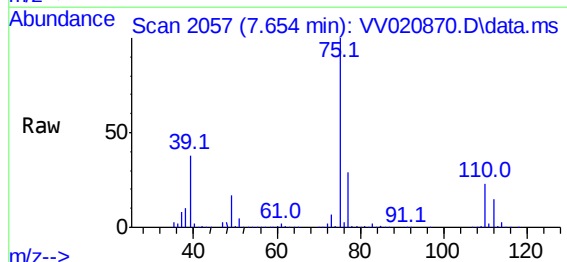
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

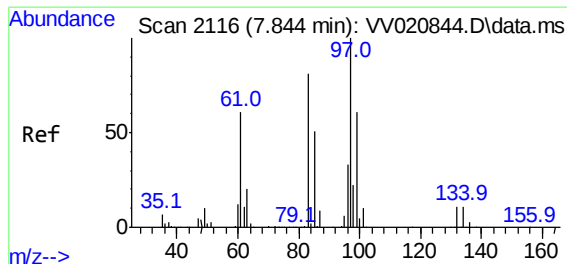
Tgt Ion: 91 Resp: 1057838
Ion Ratio Lower Upper
91 100
92 57.5 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 52.78 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 75 Resp: 401317
Ion Ratio Lower Upper
75 100
77 29.3 21.6 40.0



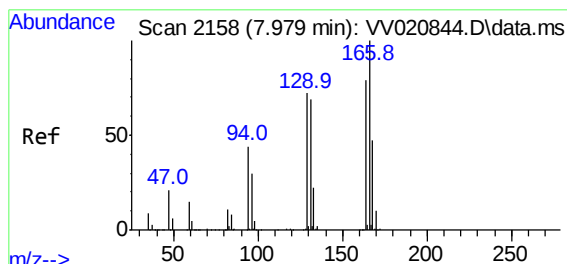
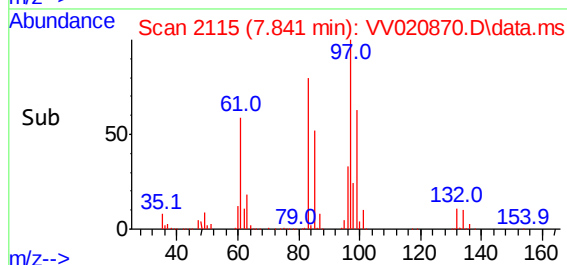
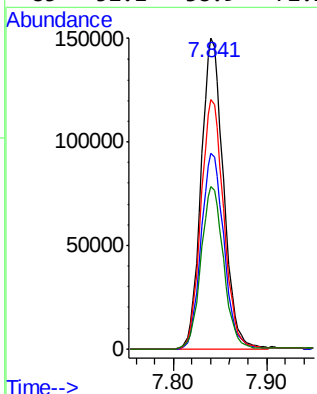
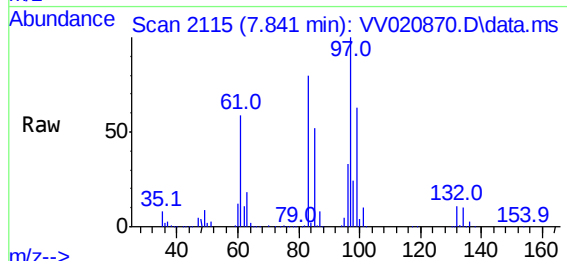


#45
1,1,2-Trichloroethane
Concen: 51.97 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion: 97 Resp: 250045

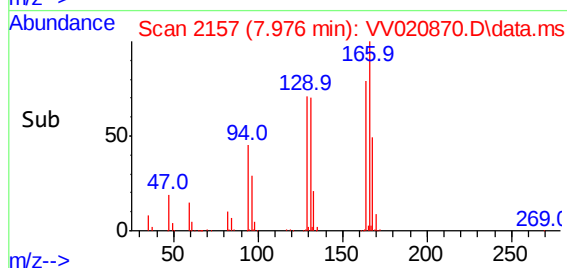
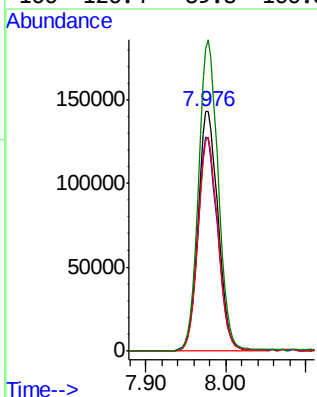
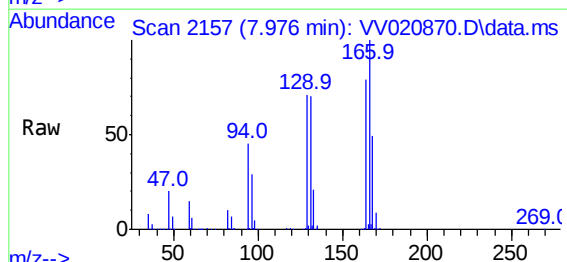
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.1	81.9
83	80.4	60.7	112.7
85	52.1	38.9	72.2

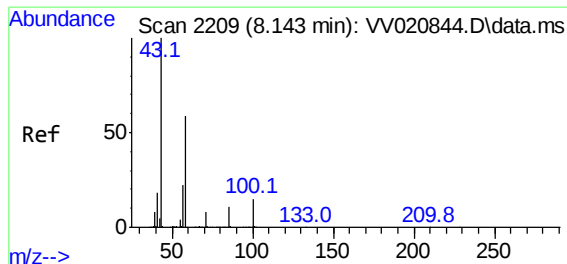


#46
Tetrachloroethene
Concen: 55.66 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 164 Resp: 237548

Ion	Ratio	Lower	Upper
164	100		
129	89.4	64.3	119.5
131	87.9	63.5	117.9
166	126.4	89.8	166.8

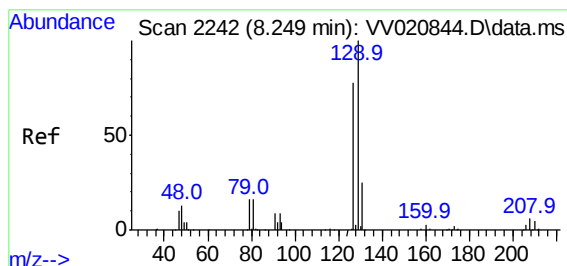
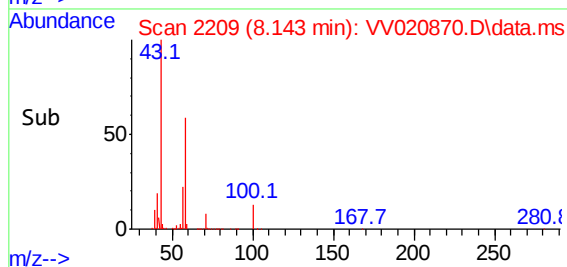
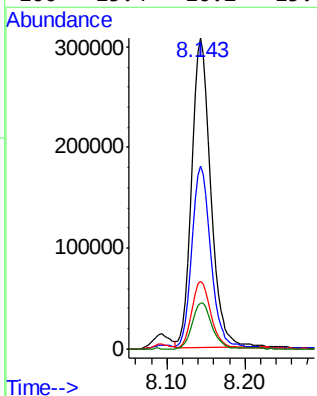
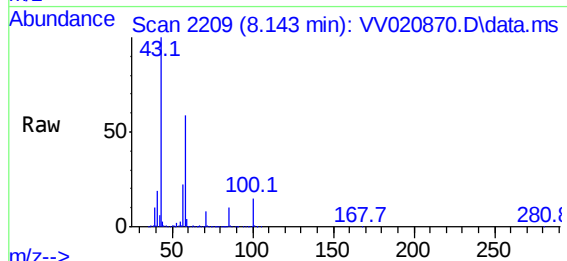




#48
2-Hexanone
Concen: 102.40 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

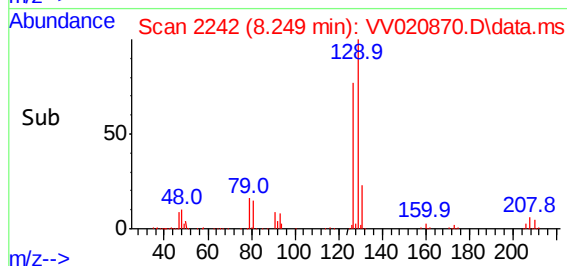
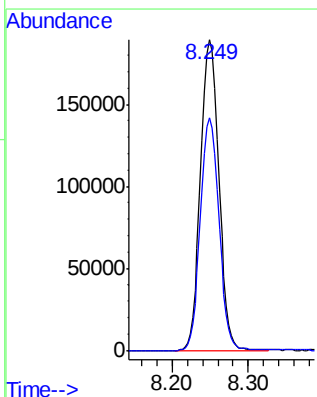
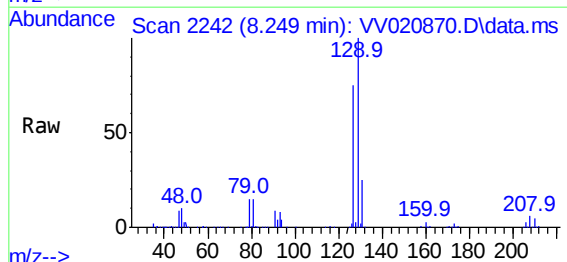
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

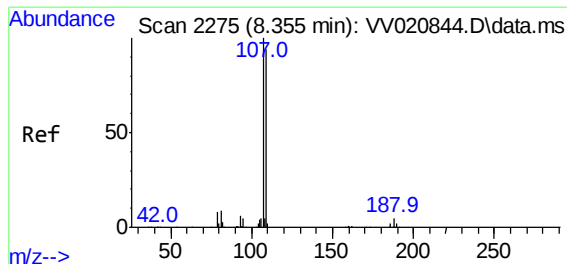
Tgt Ion: 43 Resp: 512699
Ion Ratio Lower Upper
43 100
58 58.3 45.8 68.8
57 21.6 15.4 23.2
100 15.4 10.2 15.4#



#49
Dibromochloromethane
Concen: 56.40 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 129 Resp: 316125
Ion Ratio Lower Upper
129 100
127 75.0 54.6 101.4

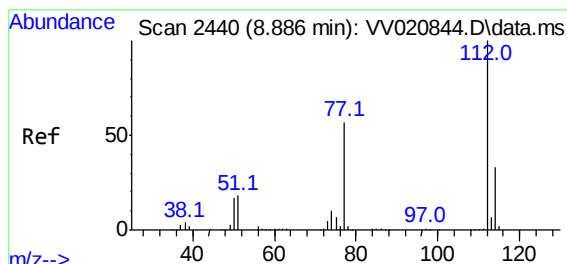
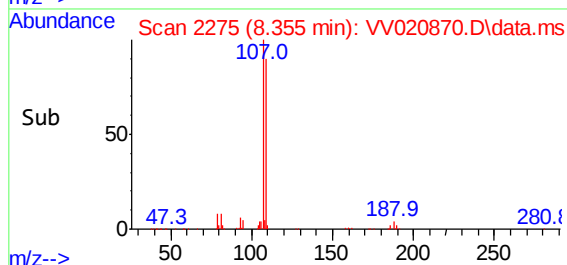
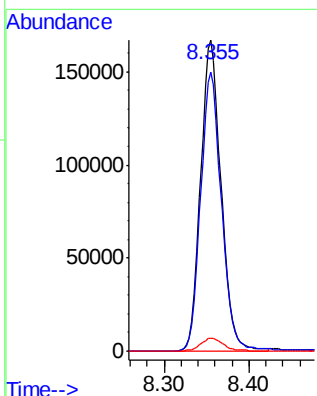
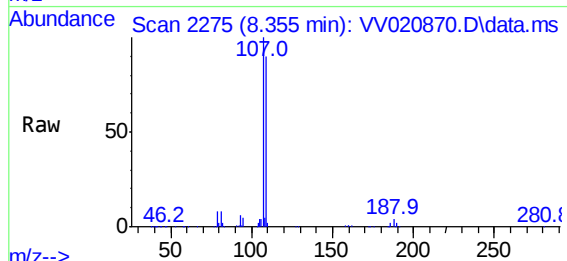




#50
1,2-Dibromoethane
Concen: 53.84 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

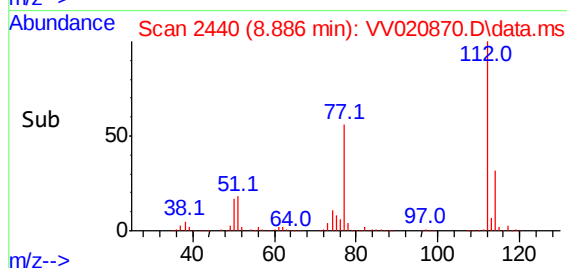
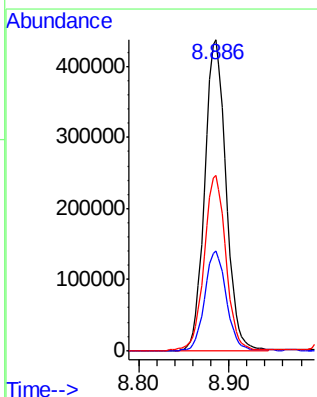
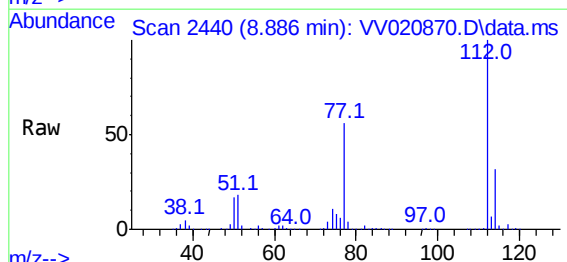
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

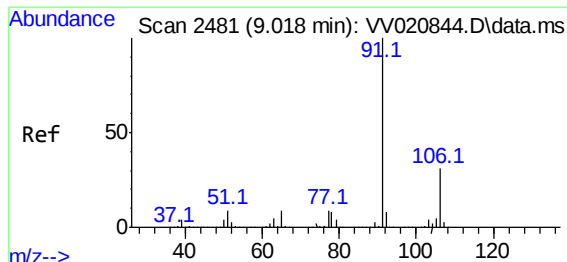
Tgt Ion:107 Resp: 277448
Ion Ratio Lower Upper
107 100
109 89.9 66.7 123.9
188 4.2 3.0 4.4



#51
Chlorobenzene
Concen: 52.25 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion:112 Resp: 710990
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 56.1 46.7 70.1

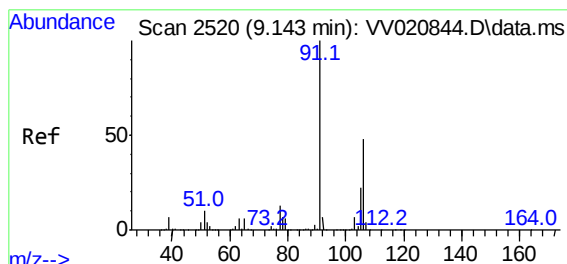
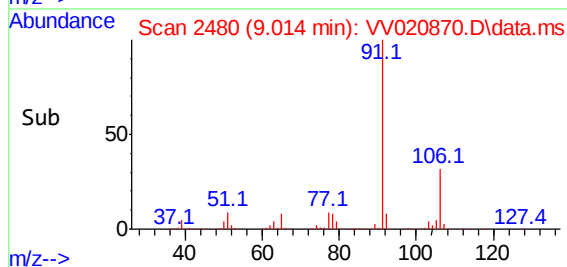
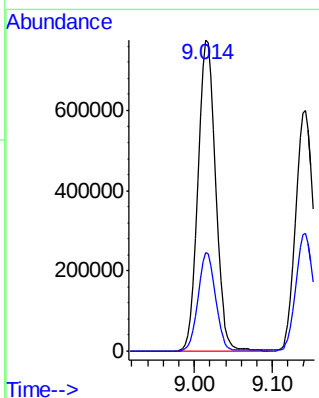
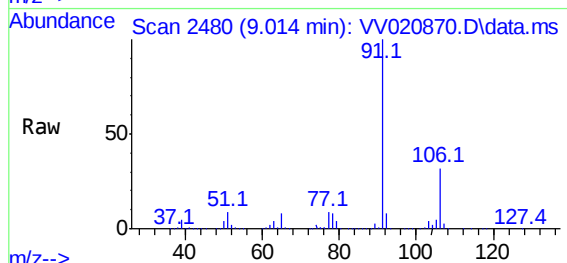




#52
Ethylbenzene
Concen: 51.92 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

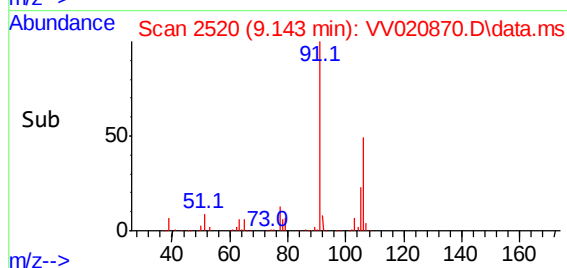
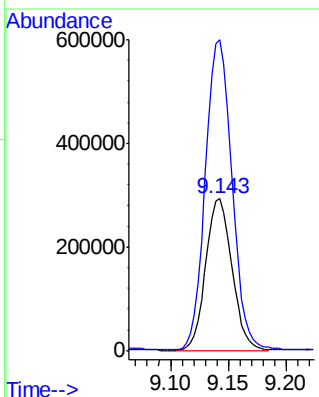
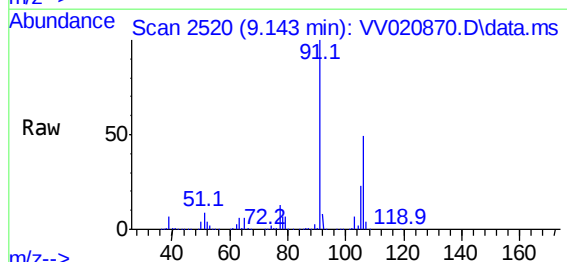
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

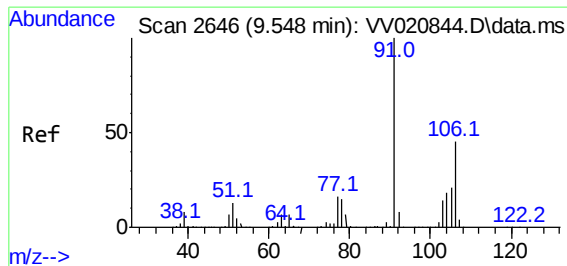
Tgt Ion: 91 Resp: 1201022
Ion Ratio Lower Upper
91 100
106 31.6 21.4 39.8



#53
m,p-Xylene
Concen: 53.32 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 106 Resp: 458808
Ion Ratio Lower Upper
106 100
91 204.9 145.7 270.7

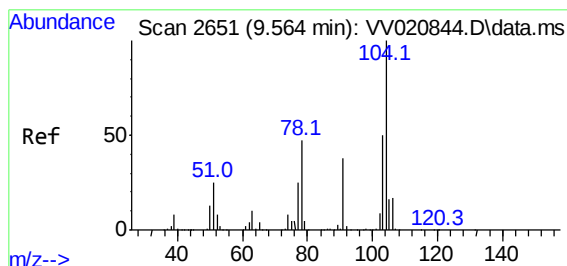
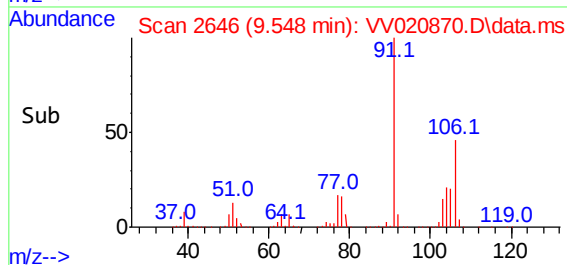
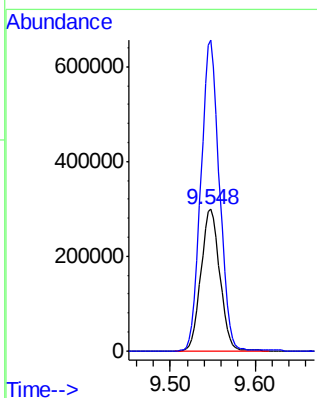
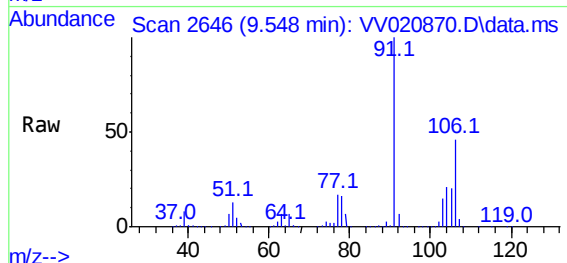




#54
o-xylene
Concen: 55.21 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

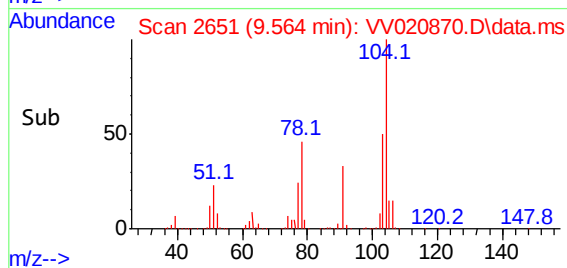
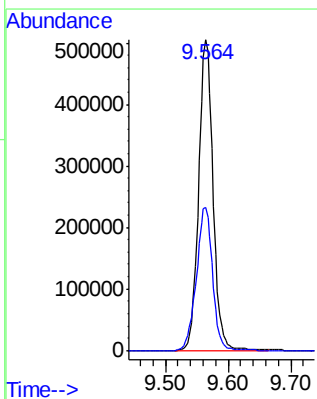
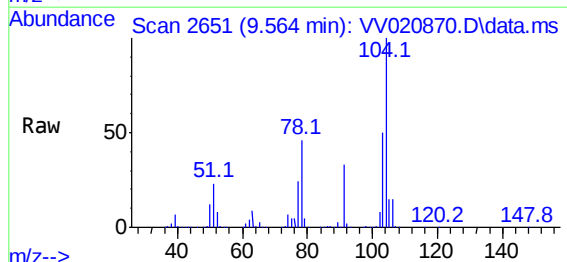
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

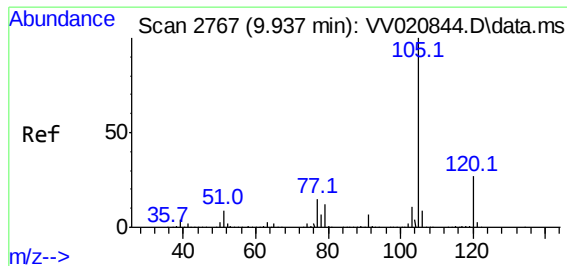
Tgt Ion:106 Resp: 457877
Ion Ratio Lower Upper
106 100
91 219.7 157.8 293.1



#55
Styrene
Concen: 54.74 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion:104 Resp: 797708
Ion Ratio Lower Upper
104 100
78 46.2 33.6 62.4

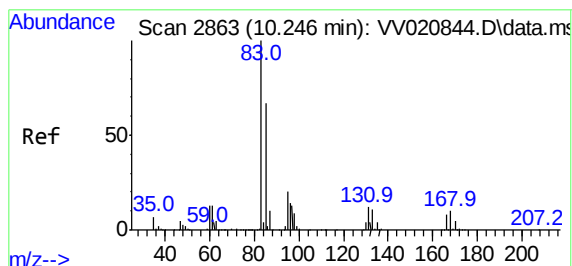
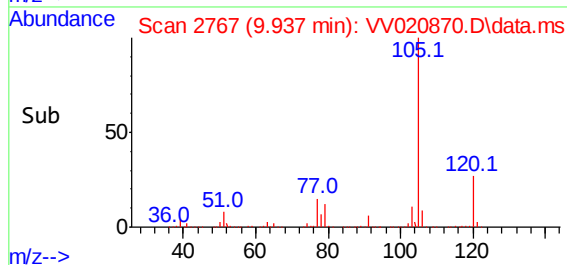
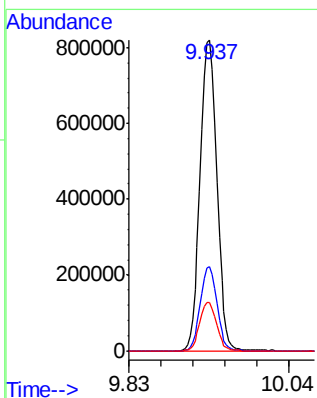
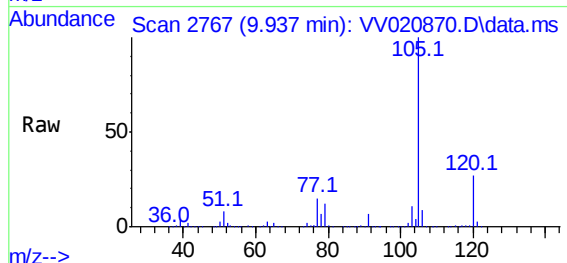




#56
Isopropylbenzene
Concen: 54.60 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

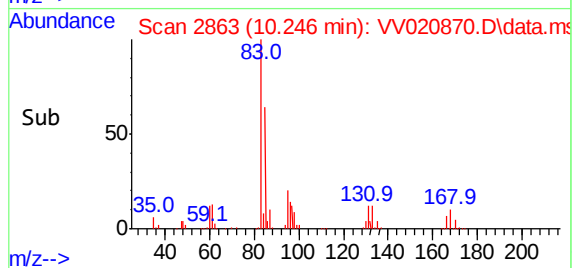
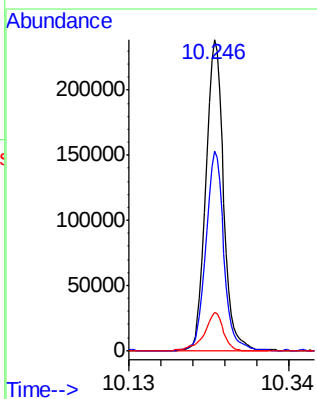
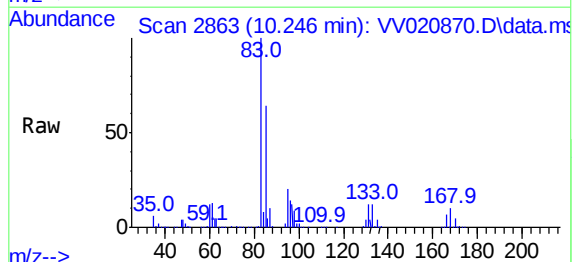
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

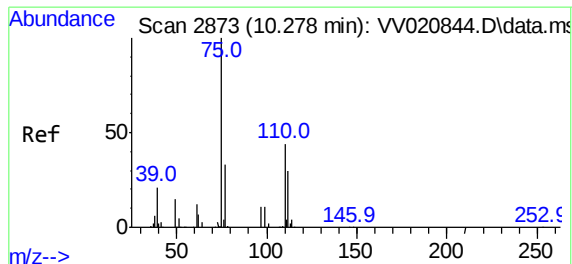
Tgt Ion:105 Resp: 1247096
Ion Ratio Lower Upper
105 100
120 26.7 20.8 31.2
77 15.7 12.9 19.3



#58
1,1,2,2-Tetrachloroethane
Concen: 48.59 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 83 Resp: 381395
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
131 12.1 8.6 12.8



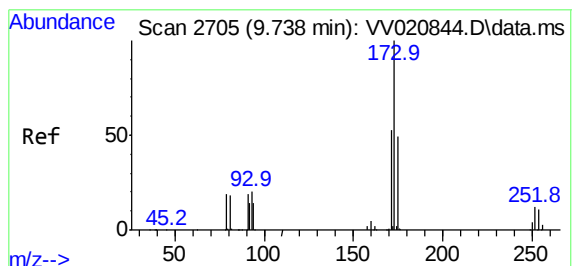
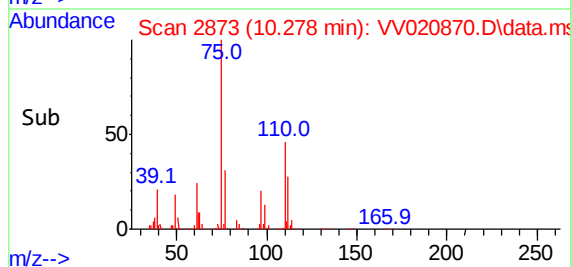
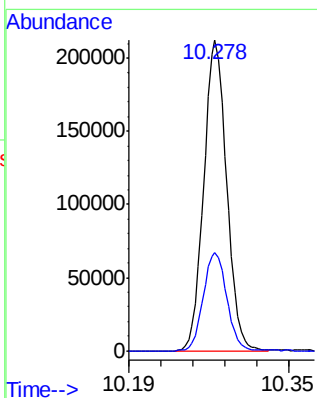
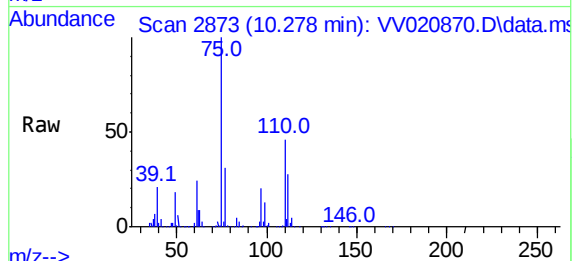


#59
1,2,3-Trichloropropane
Concen: 51.04 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion: 75 Resp: 326005

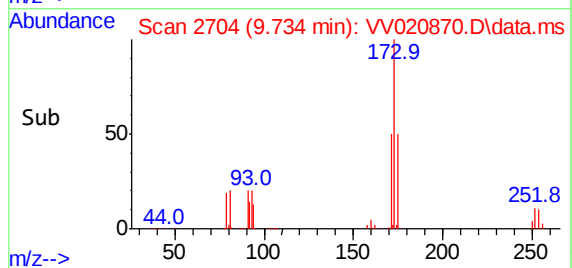
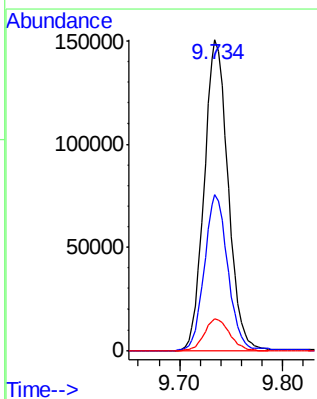
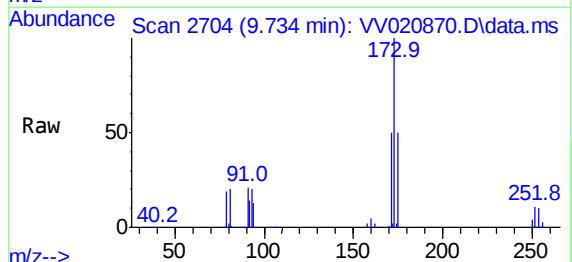
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.3	37.9

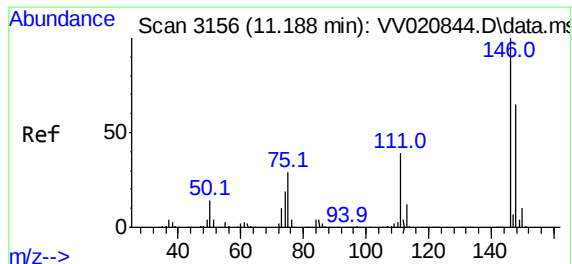


#61
Bromoform
Concen: 53.58 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 173 Resp: 241303

Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.4	57.6
254	10.5	8.5	12.7

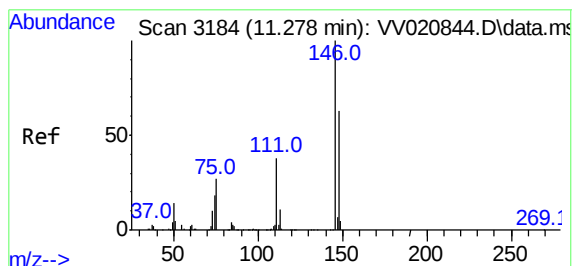
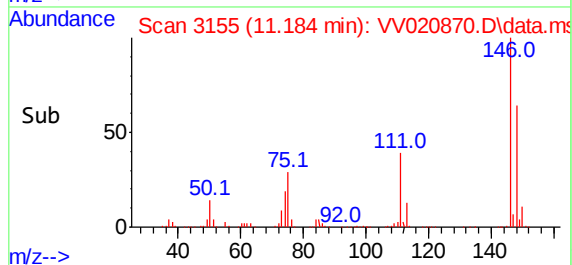
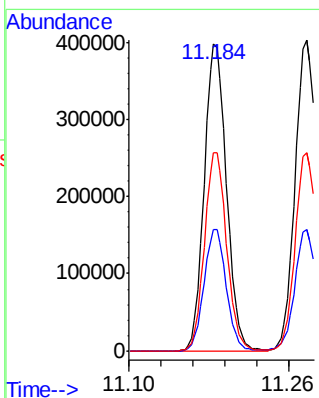
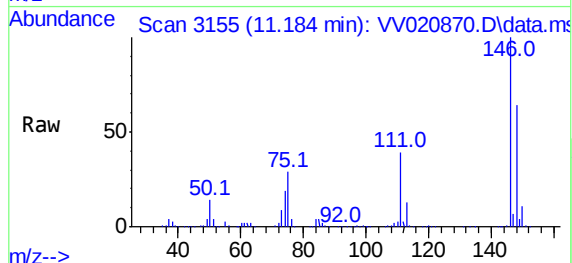




#62
1,3-Dichlorobenzene
Concen: 50.87 ug/L
RT: 11.184 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

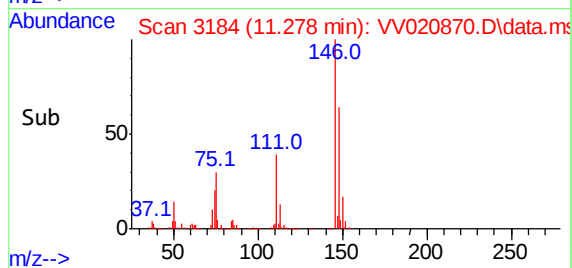
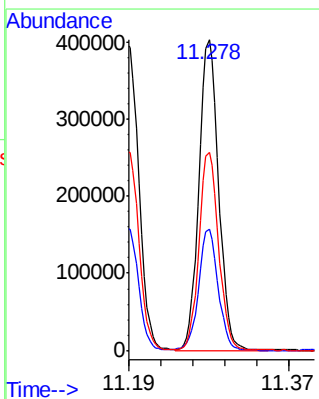
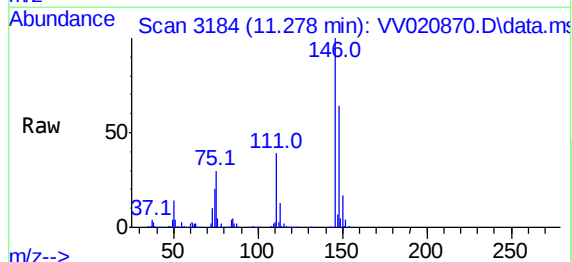
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

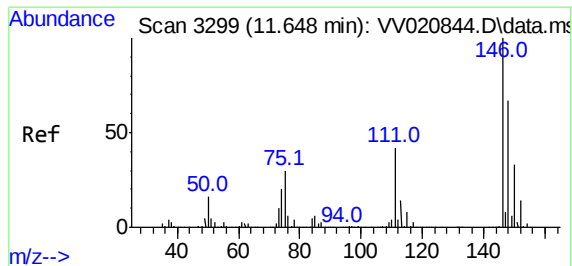
Tgt Ion:146 Resp: 615803
Ion Ratio Lower Upper
146 100
111 39.3 27.4 51.0
148 64.5 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 49.93 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion:146 Resp: 628548
Ion Ratio Lower Upper
146 100
111 39.1 26.0 48.4
148 63.8 44.1 81.9

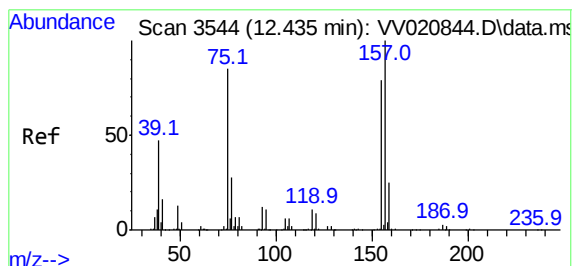
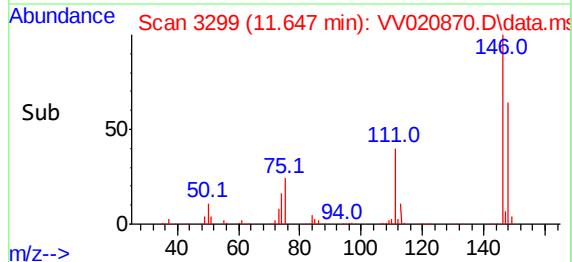
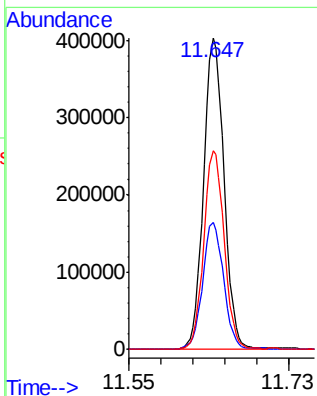
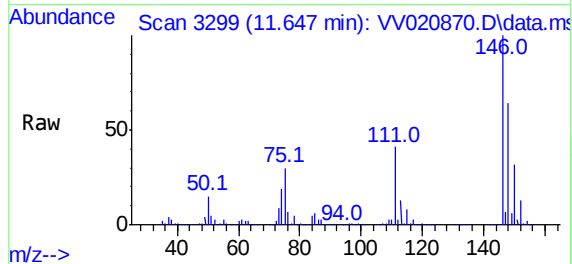




#65
1,2-Dichlorobenzene
Concen: 52.61 ug/L
RT: 11.647 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

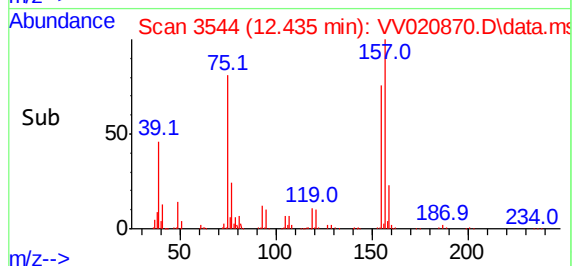
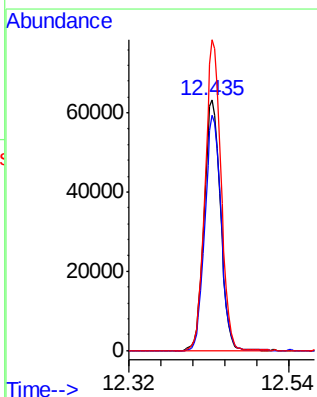
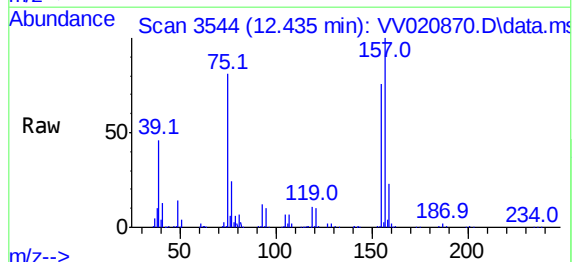
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

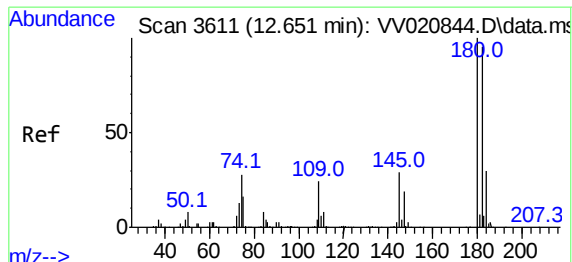
Tgt Ion:146 Resp: 627614
Ion Ratio Lower Upper
146 100
111 40.9 34.1 51.1
148 63.9 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 48.94 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion: 75 Resp: 98702
Ion Ratio Lower Upper
75 100
155 93.9 65.3 97.9
157 124.1 85.8 128.6



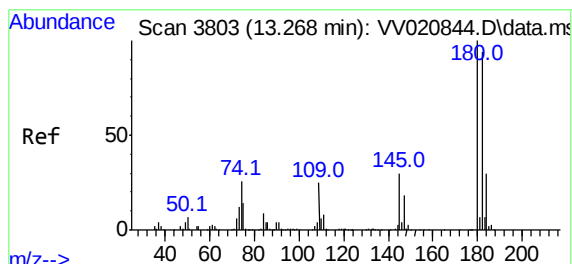
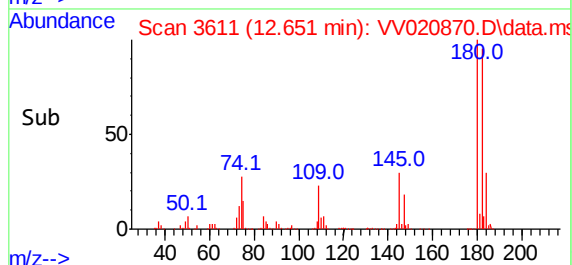
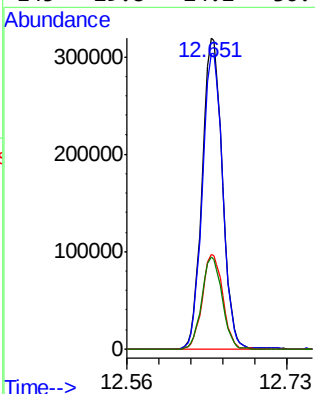
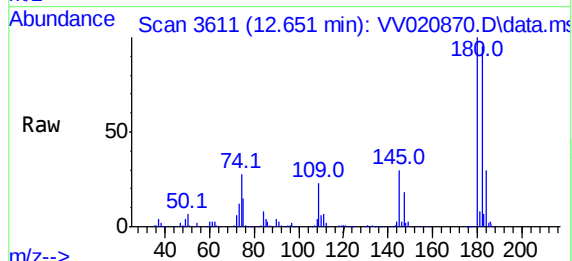


#67
1,3,5-Trichlorobenzene
Concen: 52.21 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion:180 Resp: 489876

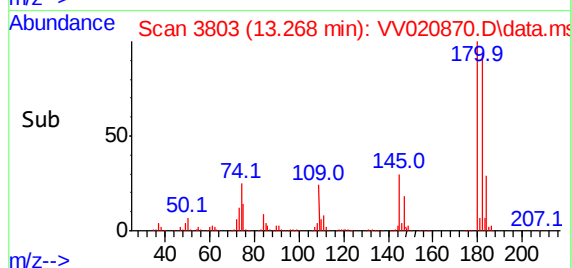
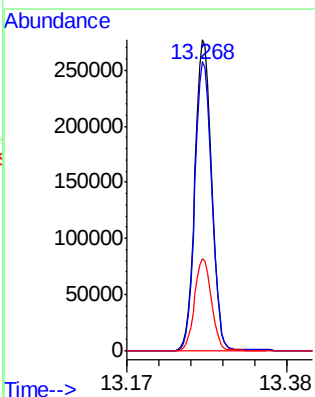
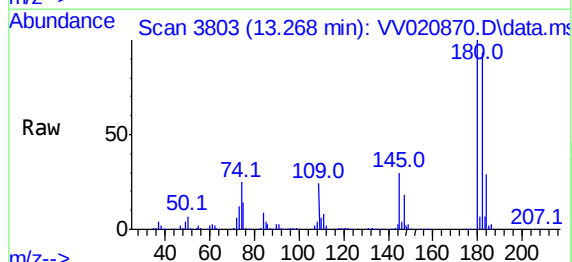
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.3	114.5
184	30.6	24.5	36.7
145	29.8	24.2	36.4

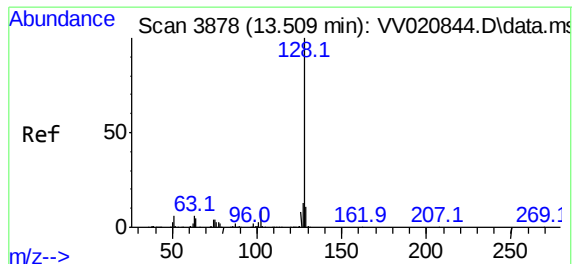


#68
1,2,4-trichlorobenzene
Concen: 52.53 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion:180 Resp: 417883

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.6
145	29.8	23.9	35.9

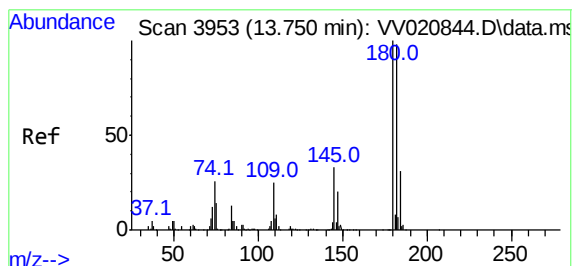
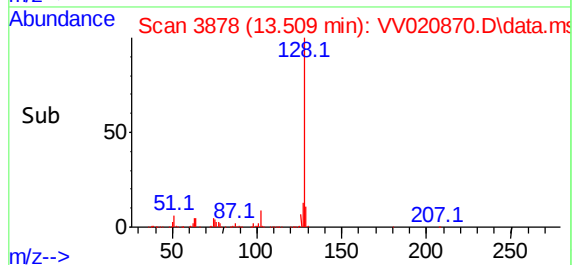
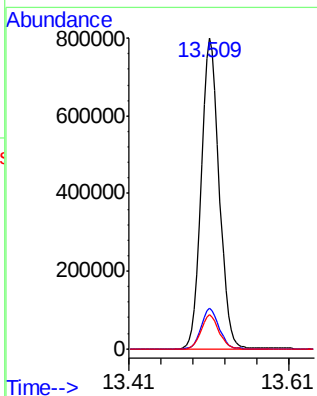
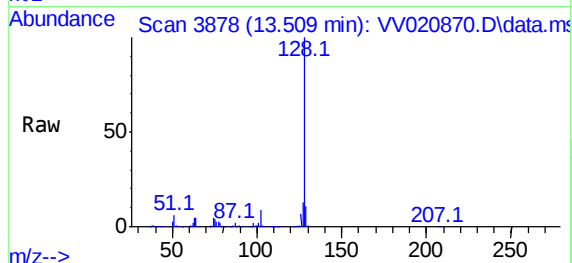




#69
Naphthalene
Concen: 53.26 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion:128 Resp: 1212803
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 53.04 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV020870.D
Acq: 02 Apr 2021 10:04

Tgt Ion:180 Resp: 422576
Ion Ratio Lower Upper
180 100
182 96.4 75.2 112.8
145 32.4 25.5 38.3

