

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030421\
 Data File : VW020443.D
 Acq On : 03 Mar 2021 12:40
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Quant Time: Mar 04 00:31:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 00:34:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	536781	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	535875	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	322703	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	174262	44.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.06%
7) Chloroethane-d5	1.568	69	146749	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.108	63	315203	42.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.22%
21) 2-Butanone-d5	3.883	46	199300	91.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.15%
24) Chloroform-d	4.346	84	352977	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
26) 1,2-Dichloroethane-d4	5.031	65	217296	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
32) Benzene-d6	5.050	84	682191	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
36) 1,2-Dichloropropane-d6	6.069	67	208508	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.62%
41) Toluene-d8	7.317	98	655364	50.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.46%
43) trans-1,3-Dichloroprop...	7.622	79	99921	47.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.58%
47) 2-Hexanone-d5	8.088	63	150309	87.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.17%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	284188	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
64) 1,2-Dichlorobenzene-d4	11.632	152	303440	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	233643	48.95	ug/L	99
3) Chloromethane	1.243	50	199515	47.02	ug/L	100
5) Vinyl chloride	1.311	62	213995	46.84	ug/L	99
6) Bromomethane	1.523	94	139307	48.79	ug/L	97
8) Chloroethane	1.584	64	124641	43.62	ug/L	98
9) Trichlorofluoromethane	1.751	101	321412	49.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	181553	52.55	ug/L #	85
12) 1,1-Dichloroethene	2.118	96	166939	50.14	ug/L	69
13) Acetone	2.175	43	137148	88.86	ug/L	90
14) Carbon disulfide	2.294	76	425811	43.39	ug/L	100
15) Methyl Acetate	2.433	43	147198	44.82	ug/L #	88
16) Methylene chloride	2.507	84	185375	50.82	ug/L	84
17) trans-1,2-Dichloroethene	2.761	96	170096	49.27	ug/L	89
18) Methyl tert-butyl Ether	2.767	73	497683	47.47	ug/L #	93
19) 1,1-Dichloroethane	3.188	63	307483	49.03	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	189995	51.17	ug/L	81
22) 2-Butanone	3.966	43	202766	92.38	ug/L	92
23) Bromochloromethane	4.246	128	105982	52.79	ug/L #	75
25) Chloroform	4.375	83	344947	52.53	ug/L	98
27) 1,2-Dichloroethane	5.130	62	251610	48.39	ug/L #	95

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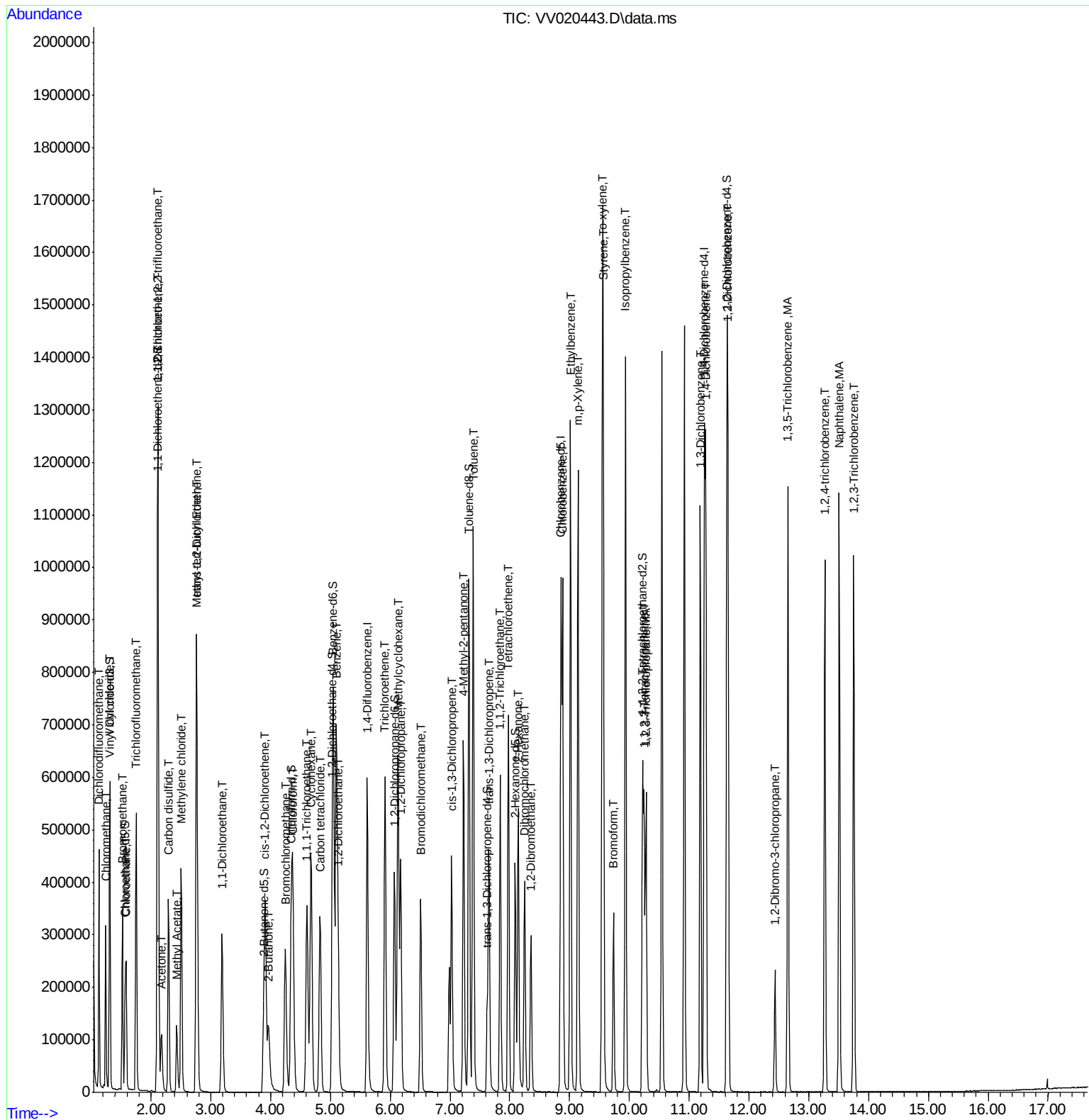
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	242020	44.55	ug/L	89
30) 1,1,1-Trichloroethane	4.609	97	292965	49.24	ug/L	95
31) Carbon tetrachloride	4.828	117	258250	49.90	ug/L	98
33) Benzene	5.098	78	709887	49.54	ug/L	100
34) Trichloroethene	5.915	95	209437	53.19	ug/L	93
35) Methylcyclohexane	6.130	83	275862	46.27	ug/L	92
37) 1,2-Dichloropropane	6.175	63	177857	49.00	ug/L #	96
38) Bromodichloromethane	6.510	83	247032	49.52	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	278222	48.41	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	409271	89.44	ug/L #	91
42) Toluene	7.387	91	790997	50.19	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	269820	48.27	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	189583	50.75	ug/L	97
46) Tetrachloroethene	7.976	164	170742	53.06	ug/L	93
48) 2-Hexanone	8.140	43	318512	90.98	ug/L #	90
49) Dibromochloromethane	8.249	129	211773	51.38	ug/L	99
50) 1,2-Dibromoethane	8.355	107	197841	49.45	ug/L #	100
51) Chlorobenzene	8.883	112	532012	50.32	ug/L	94
52) Ethylbenzene	9.014	91	873893	50.20	ug/L	98
53) m,p-Xylene	9.140	106	337868	50.97	ug/L	94
54) o-xylene	9.548	106	328385	50.89	ug/L	94
55) Styrene	9.564	104	589883	53.12	ug/L	92
56) Isopropylbenzene	9.934	105	889110	51.35	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.246	83	263126	44.71	ug/L #	97
59) 1,2,3-Trichloropropane	10.278	75	232238	47.72	ug/L	99
61) Bromoform	9.735	173	152751	46.52	ug/L #	97
62) 1,3-Dichlorobenzene	11.188	146	471871	49.43	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	483837	49.43	ug/L	96
65) 1,2-Dichlorobenzene	11.648	146	473542	49.69	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	54829	37.50	ug/L #	71
67) 1,3,5-Trichlorobenzene	12.651	180	367021	49.24	ug/L	96
68) 1,2,4-trichlorobenzene	13.268	180	323424	48.90	ug/L	97
69) Naphthalene	13.509	128	887530	46.86	ug/L	99
70) 1,2,3-Trichlorobenzene	13.754	180	332559	50.50	ug/L	97

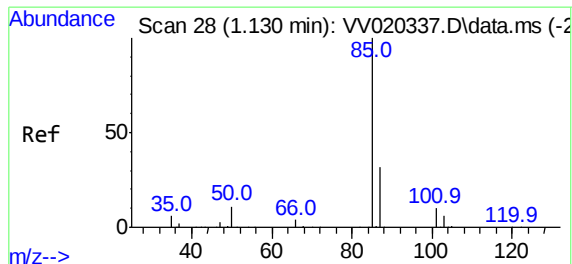
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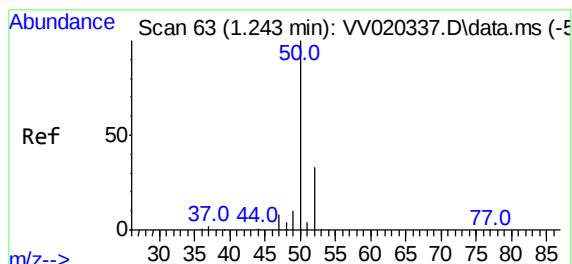
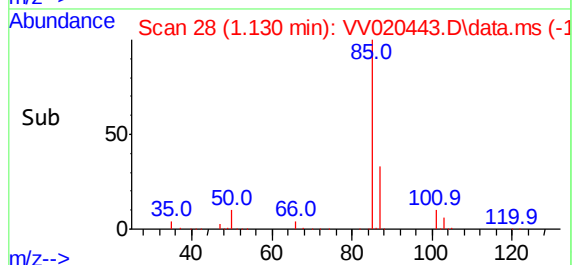
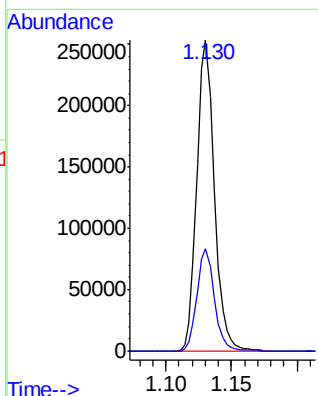
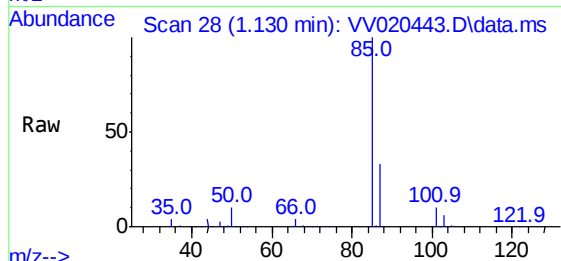




#2
Dichlorodifluoromethane
Concen: 48.95 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

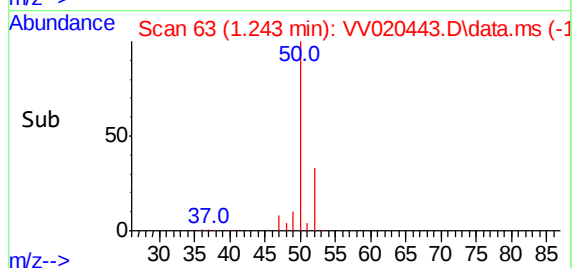
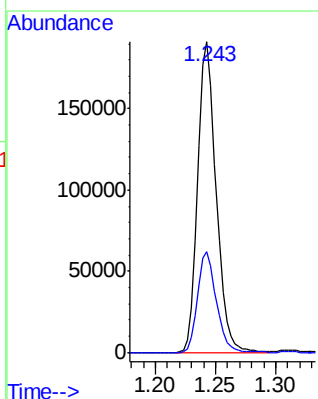
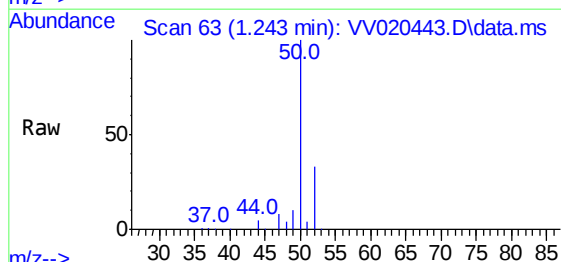
Instrument :
MSVOA_V
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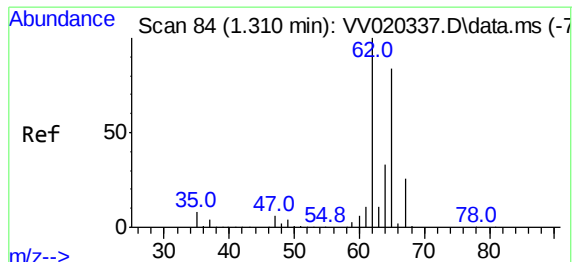
Tgt Ion: 85 Resp: 233643
Ion Ratio Lower Upper
85 100
87 32.7 25.9 38.9



#3
Chloromethane
Concen: 47.02 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 50 Resp: 199515
Ion Ratio Lower Upper
50 100
52 32.6 22.7 42.1



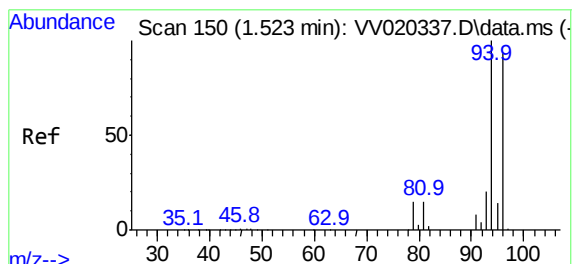
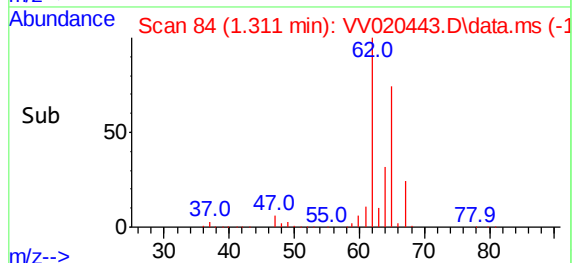
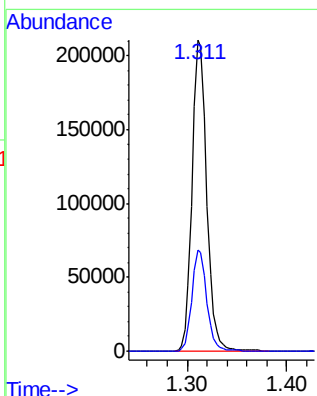
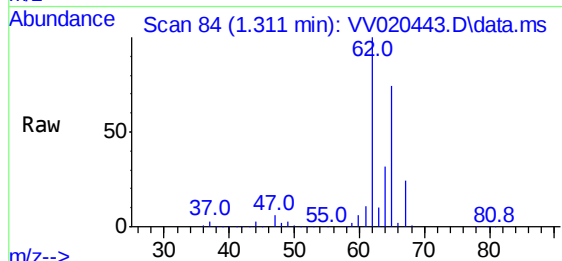


#5
 Vinyl chloride
 Concen: 46.84 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020443.D
 Acq: 03 Mar 2021 12:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069

Tgt Ion: 62 Resp: 213995

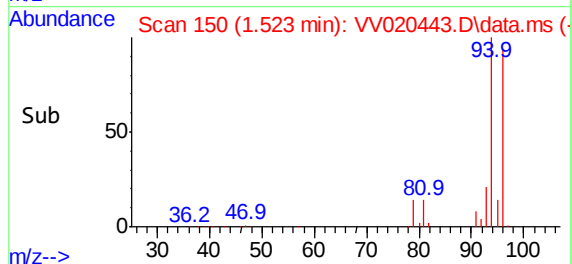
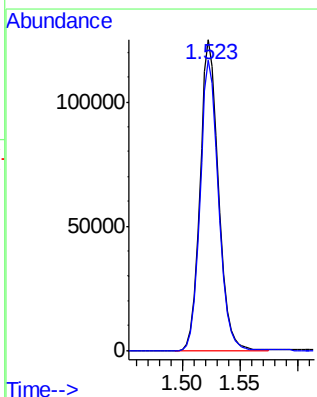
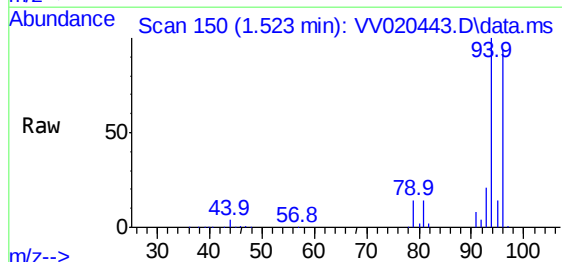
Ion	Ratio	Lower	Upper
62	100		
64	32.3	23.0	42.6

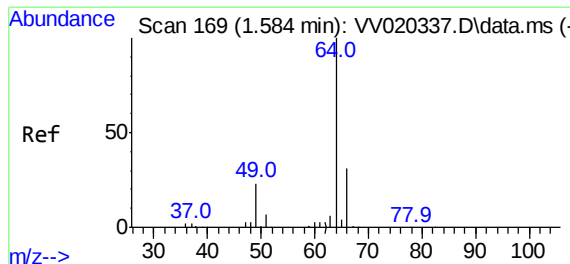


#6
 Bromomethane
 Concen: 48.79 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020443.D
 Acq: 03 Mar 2021 12:40

Tgt Ion: 94 Resp: 139307

Ion	Ratio	Lower	Upper
94	100		
96	93.6	63.6	118.2

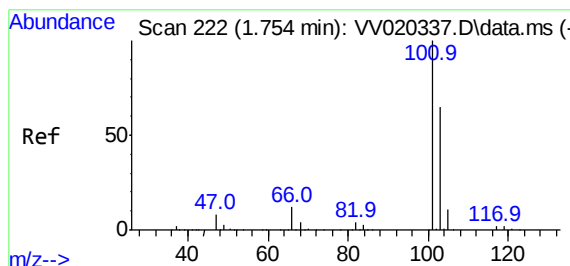
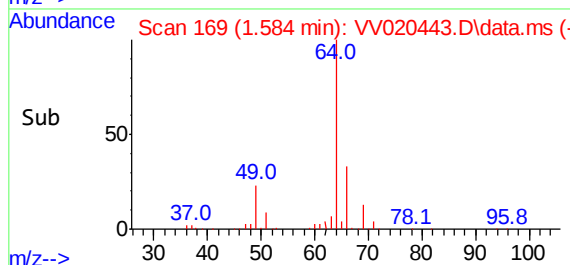
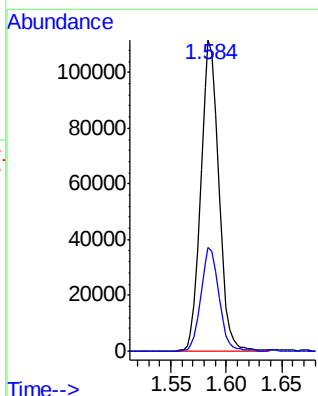
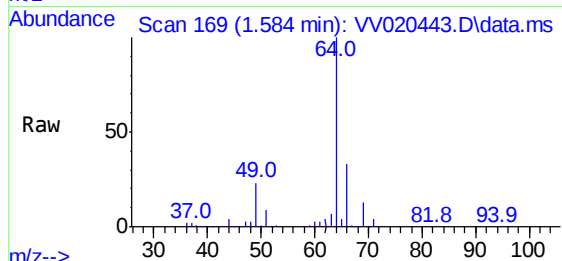




#8
Chloroethane
Concen: 43.62 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

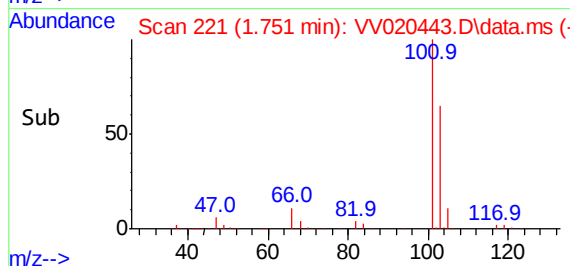
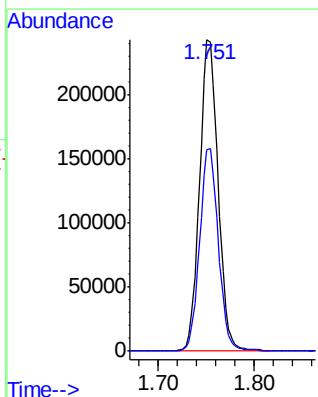
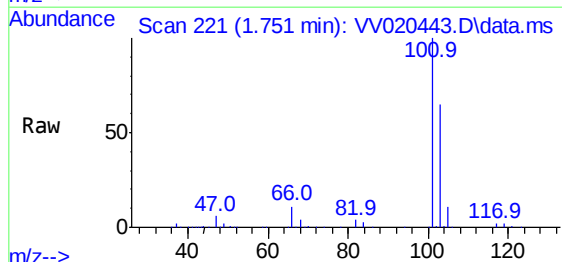
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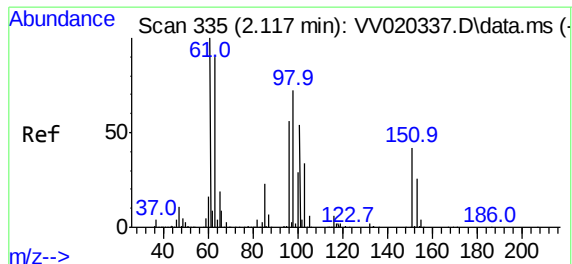
Tgt Ion: 64 Resp: 124641
Ion Ratio Lower Upper
64 100
66 33.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.51 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion:101 Resp: 321412
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5

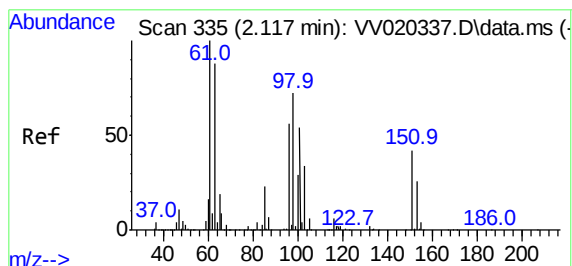
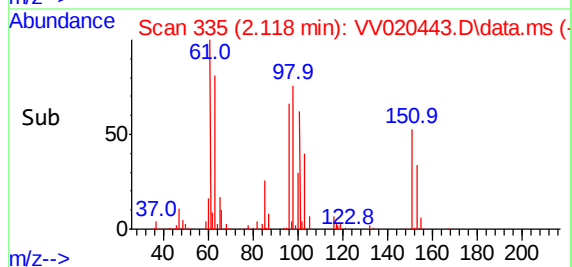
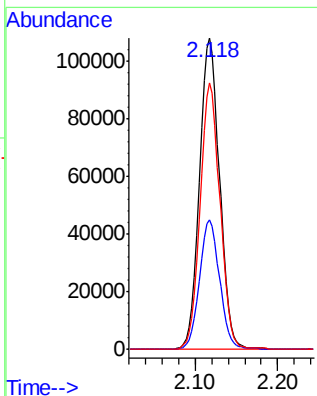
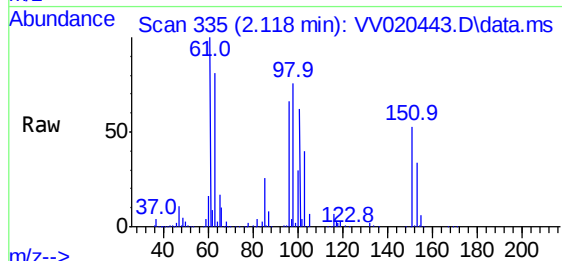




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.55 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020443.D
 Acq: 03 Mar 2021 12:40

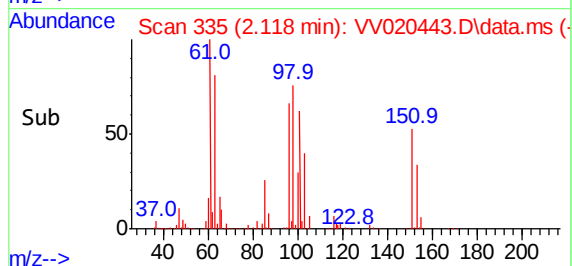
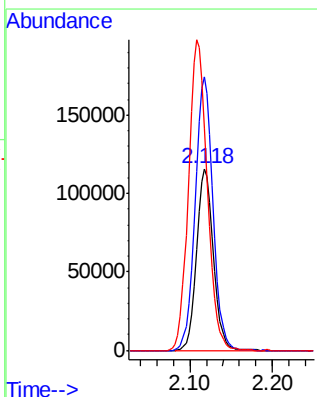
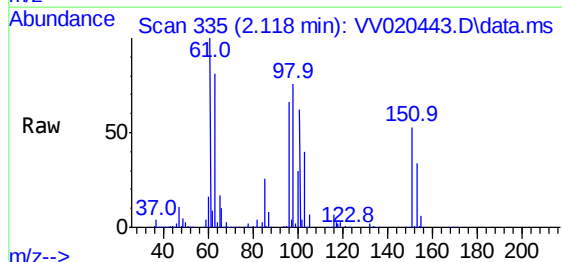
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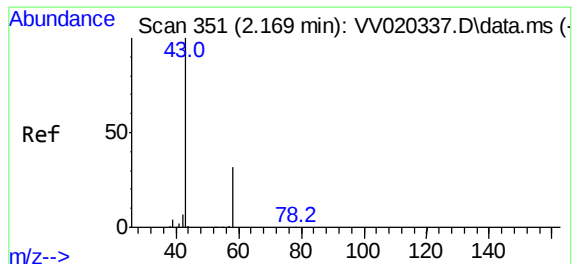
Tgt Ion:101 Resp: 181553
 Ion Ratio Lower Upper
 101 100
 85 41.4 35.3 52.9
 151 84.6 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 50.14 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020443.D
 Acq: 03 Mar 2021 12:40

Tgt Ion: 96 Resp: 166939
 Ion Ratio Lower Upper
 96 100
 61 150.4 134.9 250.5
 63 122.3 117.6 218.4

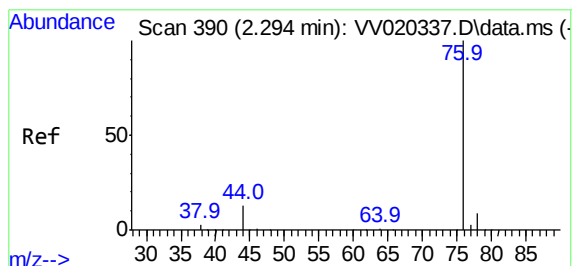
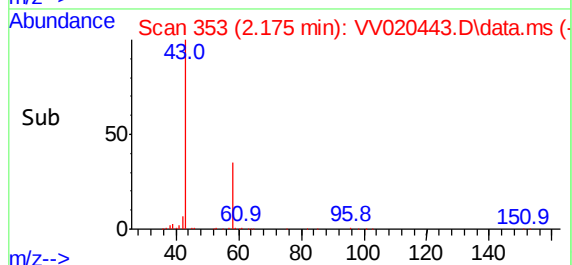
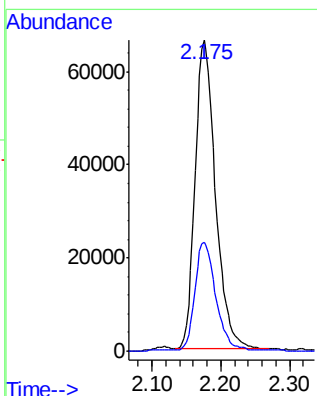
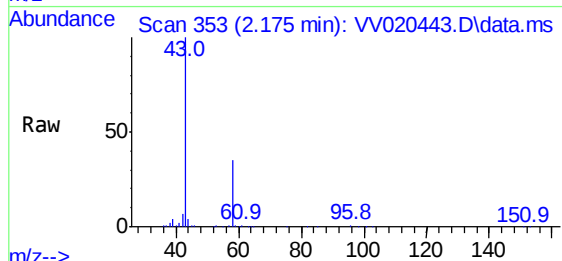




#13
Acetone
Concen: 88.86 ug/L
RT: 2.175 min Scan# 353
Delta R.T. 0.007 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

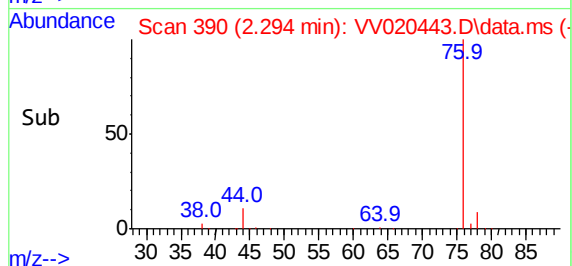
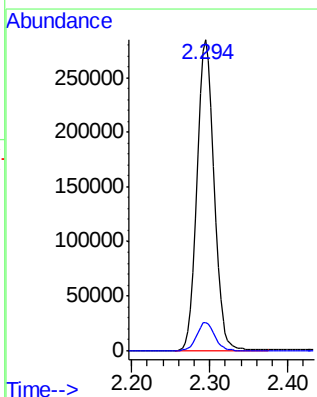
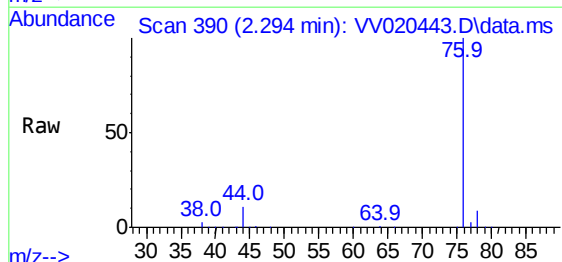
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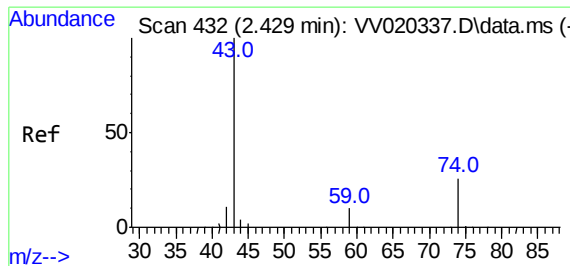
Tgt Ion: 43 Resp: 137148
Ion Ratio Lower Upper
43 100
58 35.8 0.0 60.2



#14
Carbon disulfide
Concen: 43.39 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 76 Resp: 425811
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

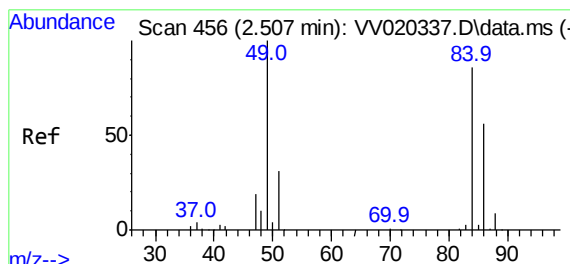
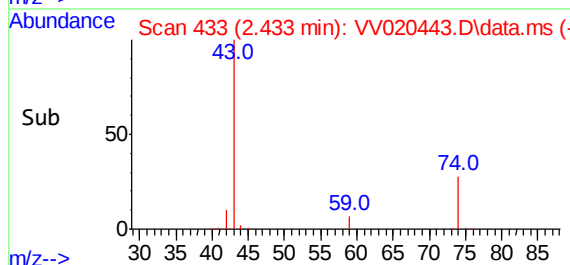
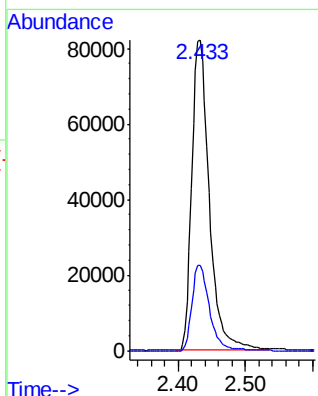
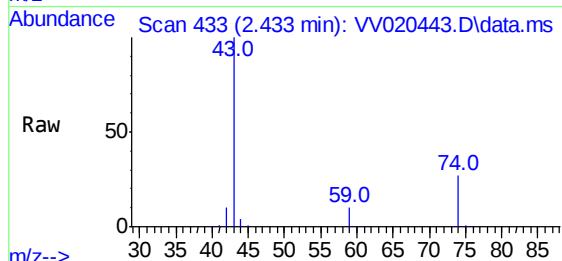




#15
Methyl Acetate
Concen: 44.82 ug/L
RT: 2.433 min Scan# 433
Delta R.T. 0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

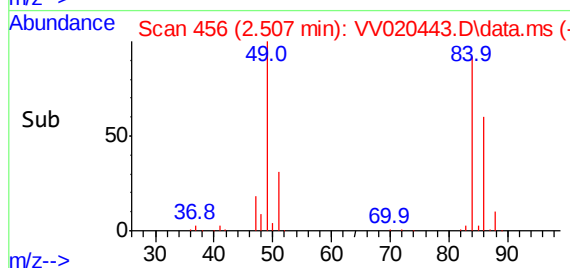
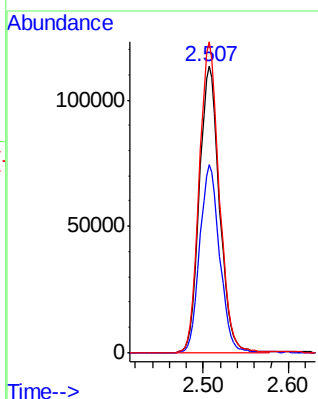
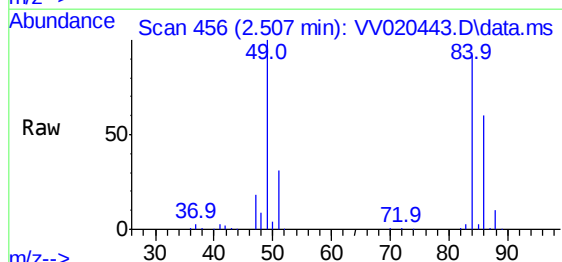
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

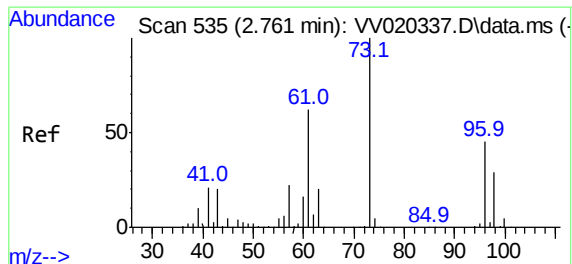
Tgt Ion: 43 Resp: 147198
Ion Ratio Lower Upper
43 100
74 27.7 17.6 26.4#



#16
Methylene chloride
Concen: 50.82 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 84 Resp: 185375
Ion Ratio Lower Upper
84 100
86 65.4 44.6 82.8
49 108.4 94.6 175.8

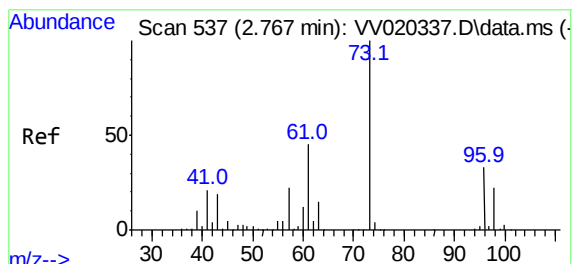
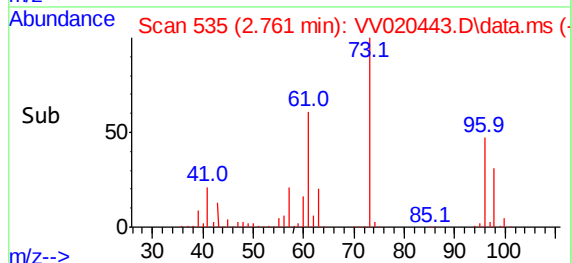
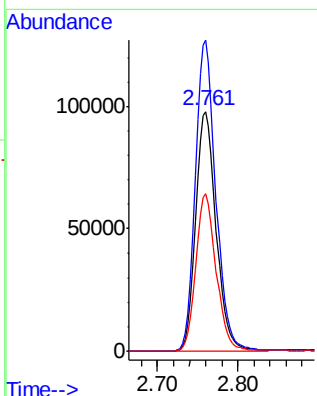
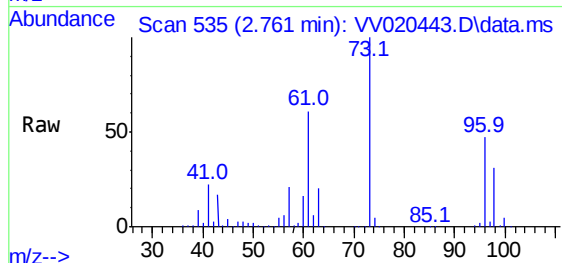




#17
trans-1,2-Dichloroethene
Concen: 49.27 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

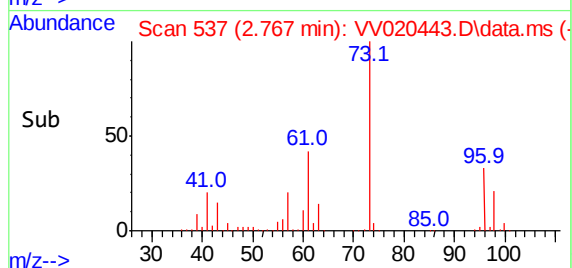
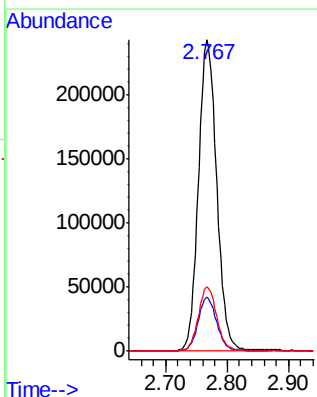
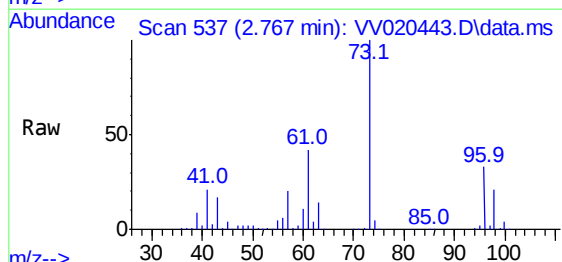
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

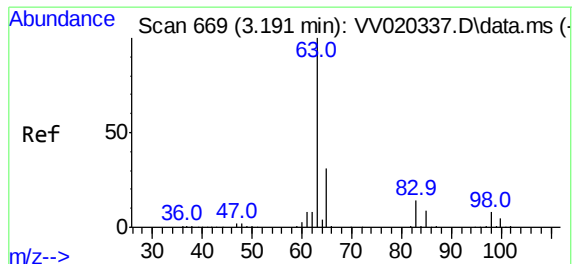
Tgt Ion: 96 Resp: 170096
Ion Ratio Lower Upper
96 100
61 129.6 103.1 191.5
98 65.5 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 47.47 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 73 Resp: 497683
Ion Ratio Lower Upper
73 100
43 17.1 17.3 25.9#
57 20.5 17.9 26.9

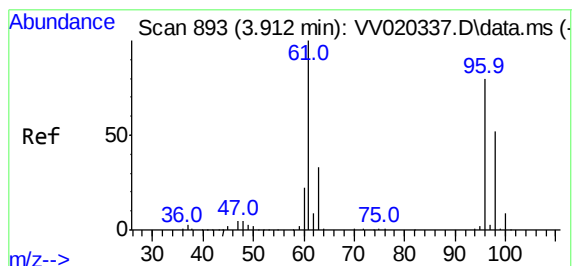
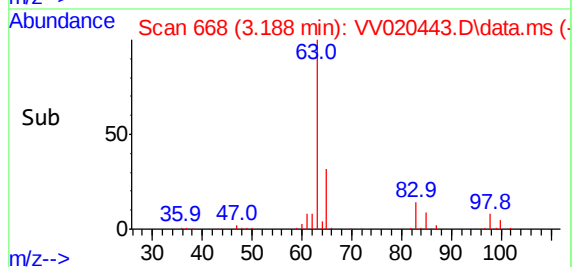
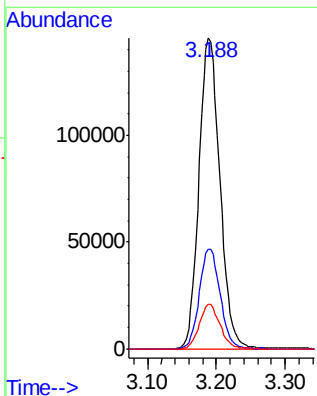
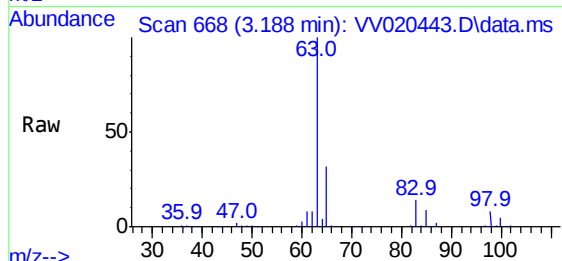




#19
1,1-Dichloroethane
Concen: 49.03 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

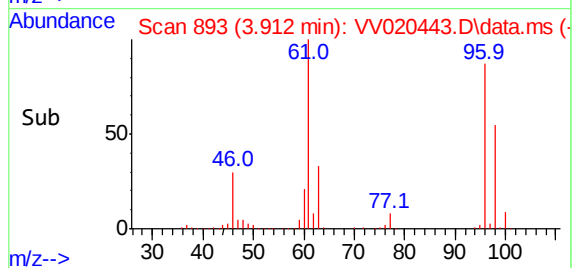
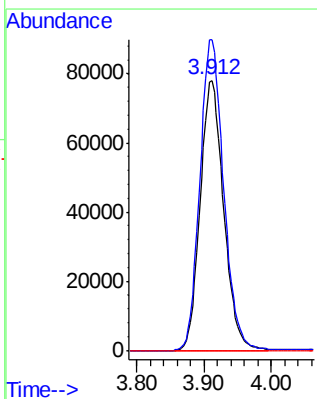
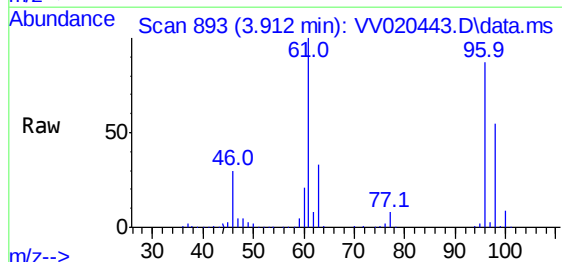
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

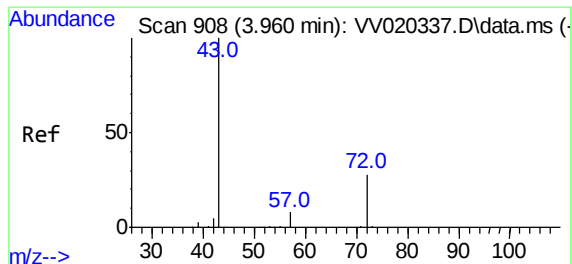
Tgt Ion: 63 Resp: 307483
Ion Ratio Lower Upper
63 100
65 32.1 21.9 40.7
83 14.3 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 51.17 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 96 Resp: 189995
Ion Ratio Lower Upper
96 100
61 115.0 96.9 179.9
68 0.0 0.0 0.0

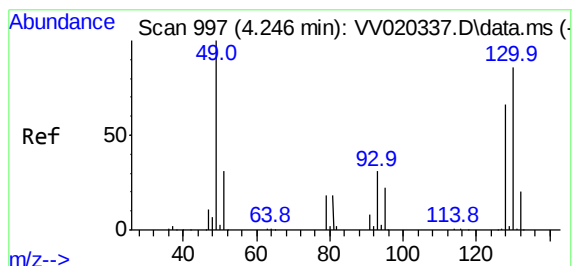
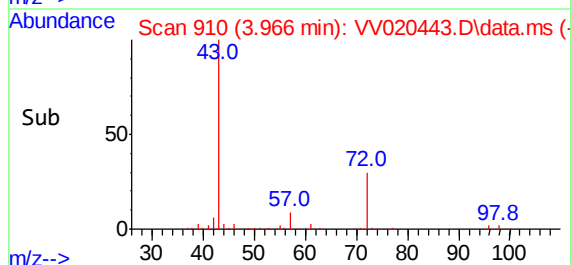
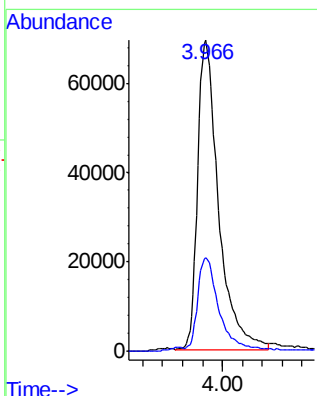
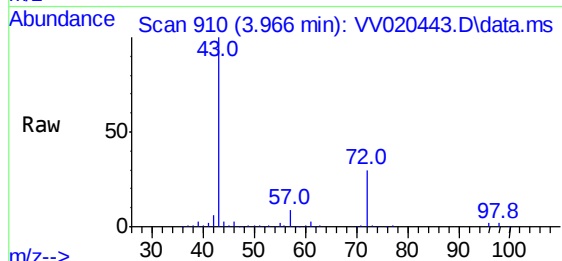




#22
2-Butanone
Concen: 92.38 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.007 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

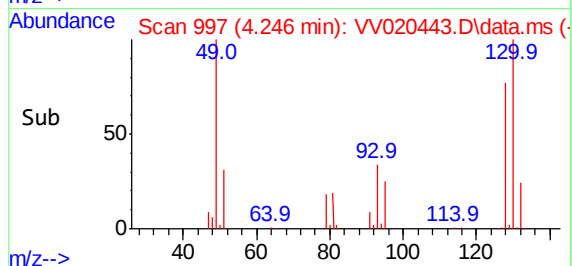
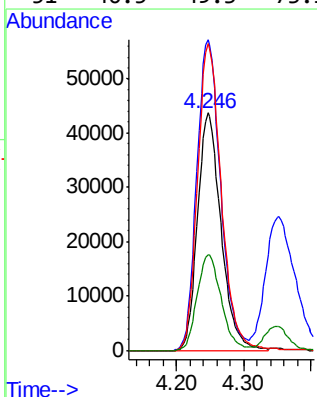
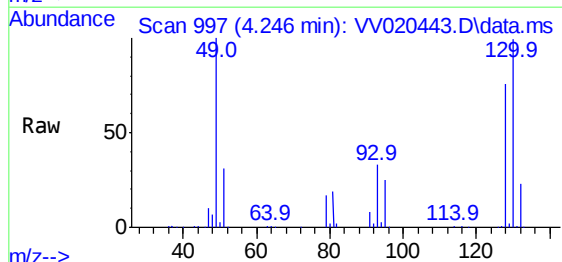
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

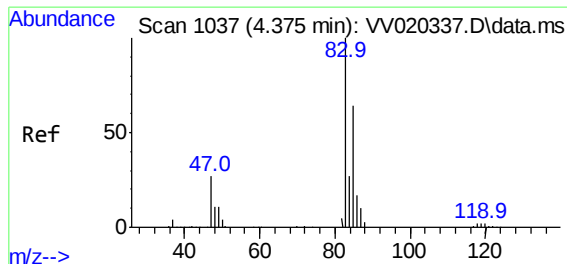
Tgt Ion: 43 Resp: 202766
Ion Ratio Lower Upper
43 100
72 28.6 12.2 36.6



#23
Bromochloromethane
Concen: 52.79 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 128 Resp: 105982
Ion Ratio Lower Upper
128 100
49 130.9 133.1 247.1#
130 129.2 89.0 165.4
51 40.5 49.3 73.9#

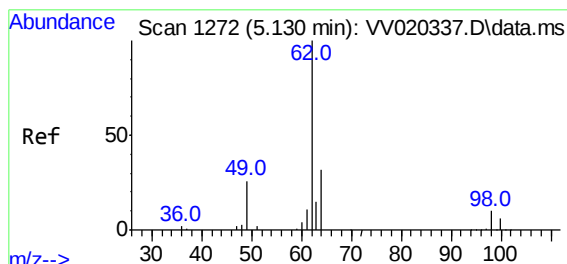
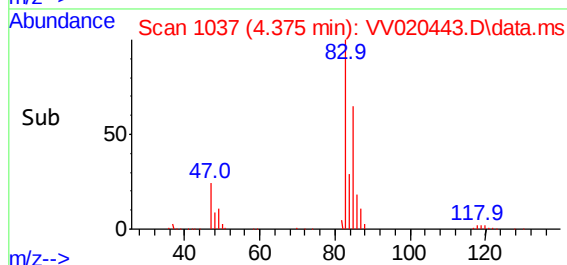
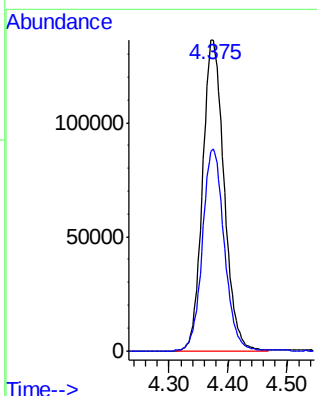
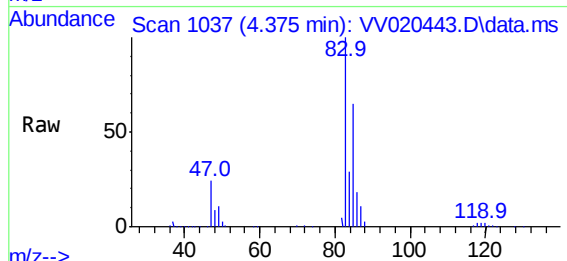




#25
Chloroform
Concen: 52.53 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

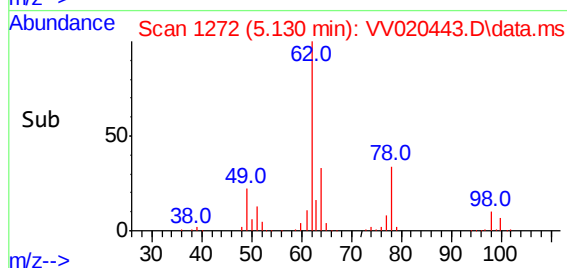
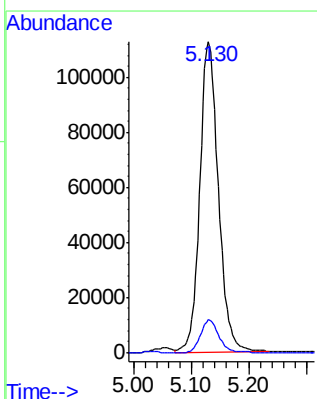
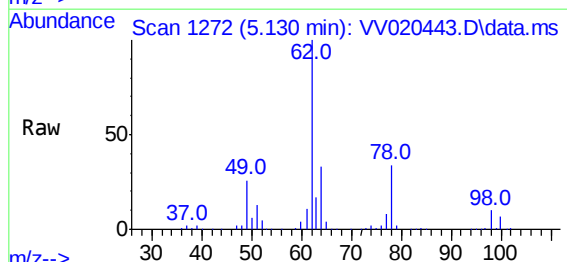
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

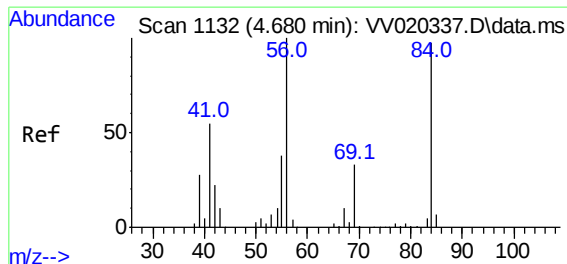
Tgt Ion: 83 Resp: 344947
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.2



#27
1,2-Dichloroethane
Concen: 48.39 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 62 Resp: 251610
Ion Ratio Lower Upper
62 100
98 10.4 6.9 10.3#



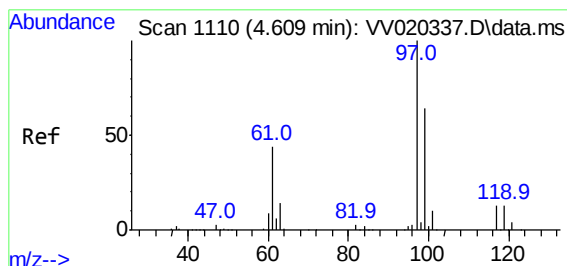
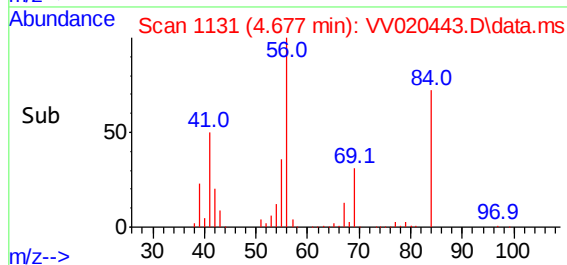
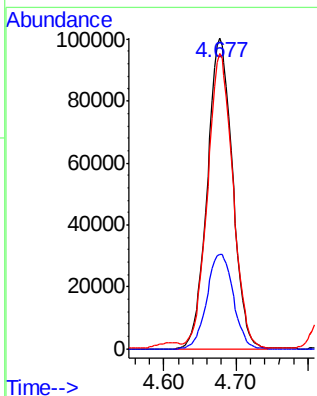
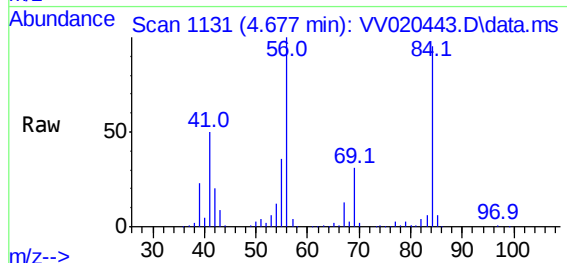


#29
Cyclohexane
Concen: 44.55 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion: 56 Resp: 242020

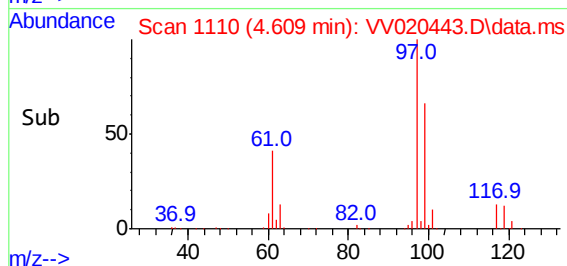
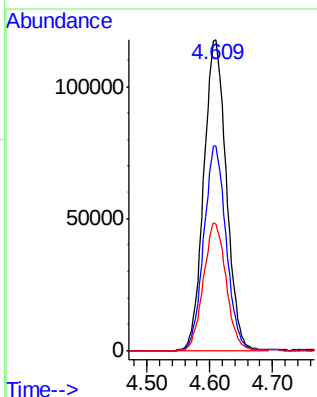
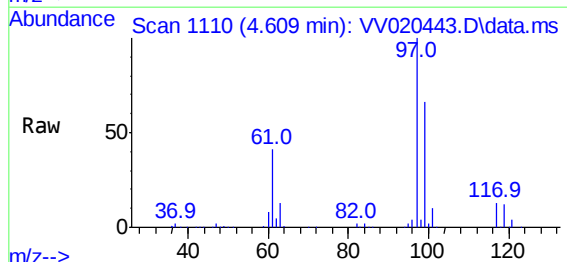
Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.2	36.2
84	95.7	66.3	99.5

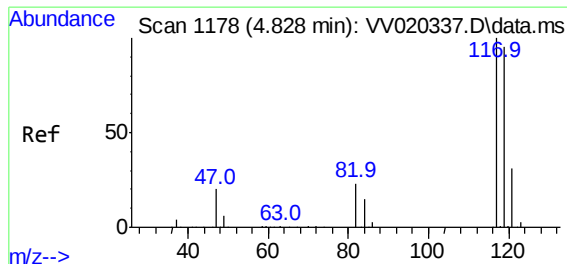


#30
1,1,1-Trichloroethane
Concen: 49.24 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 97 Resp: 292965

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.2	76.8
61	41.1	38.5	57.7

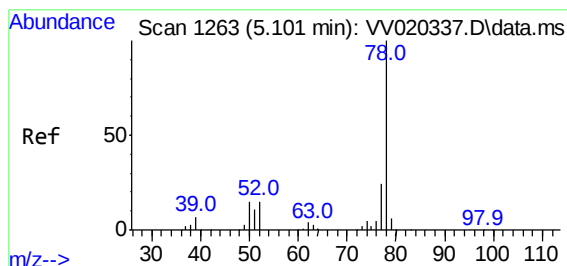
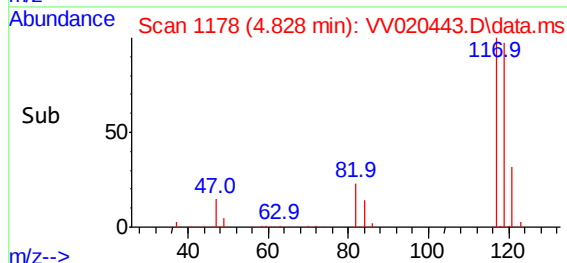
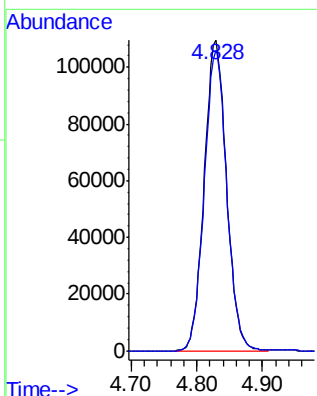
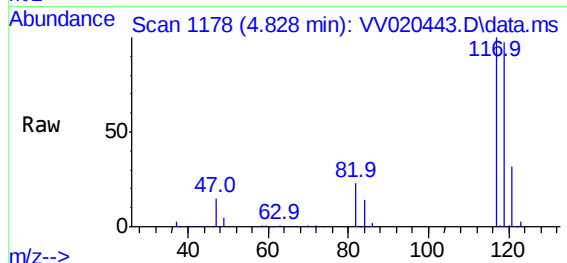




#31
Carbon tetrachloride
Concen: 49.90 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

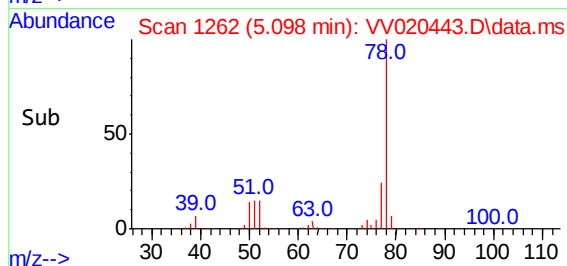
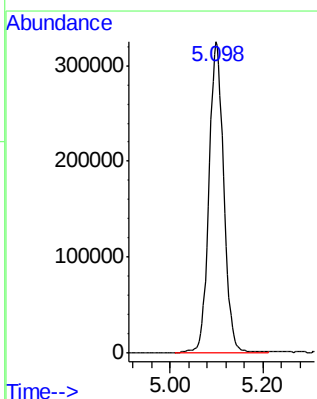
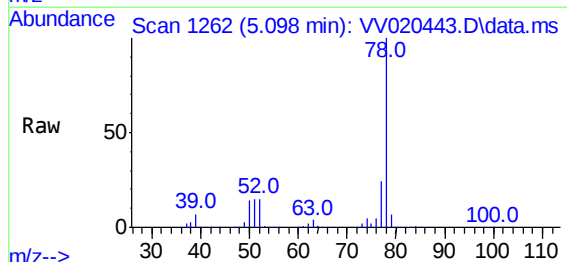
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

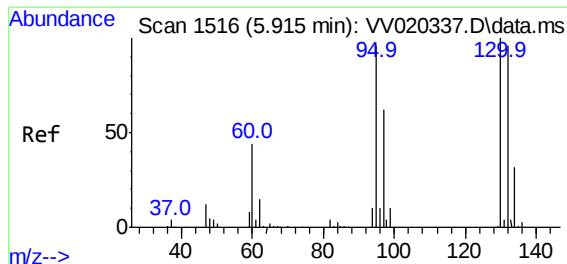
Tgt Ion:117 Resp: 258250
Ion Ratio Lower Upper
117 100
119 97.6 76.3 114.5



#33
Benzene
Concen: 49.54 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 78 Resp: 709887

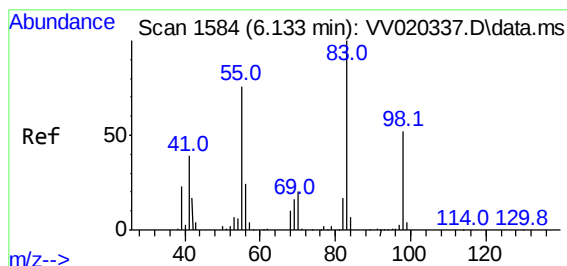
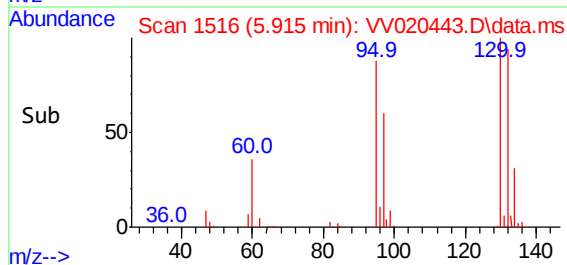
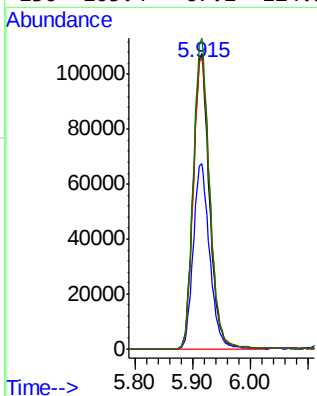
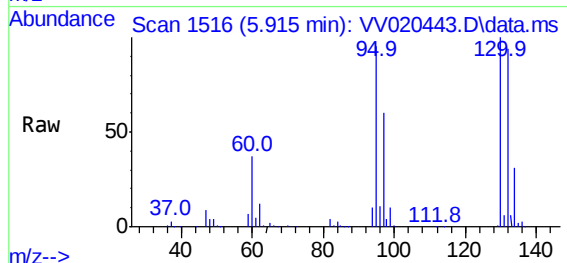




#34
Trichloroethene
Concen: 53.19 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

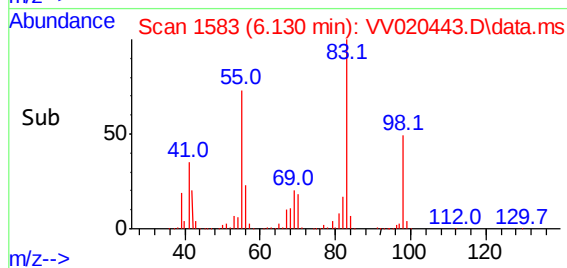
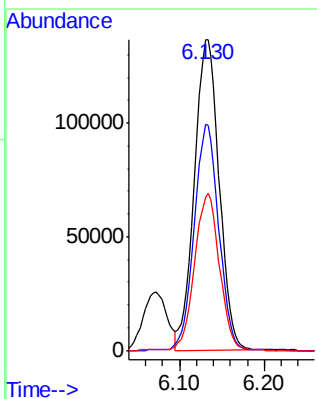
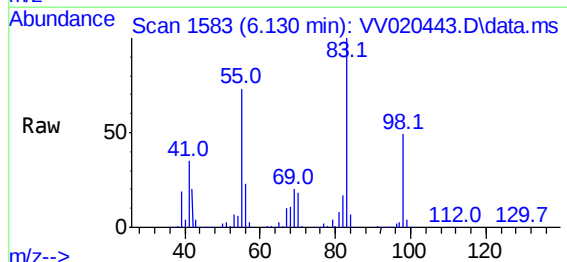
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

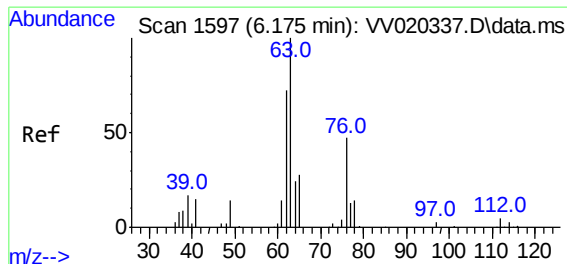
Tgt Ion: 95 Resp: 209437
Ion Ratio Lower Upper
95 100
97 62.7 44.5 82.7
132 99.0 63.4 117.8
130 105.4 67.1 124.5



#35
Methylcyclohexane
Concen: 46.27 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 83 Resp: 275862
Ion Ratio Lower Upper
83 100
55 71.8 65.1 97.7
98 50.7 38.2 57.2

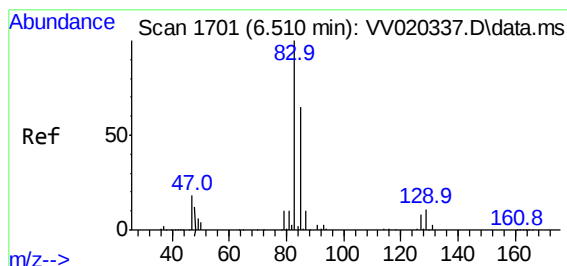
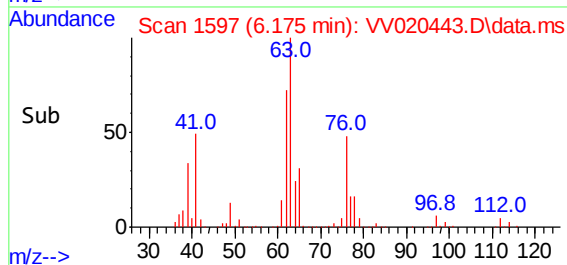
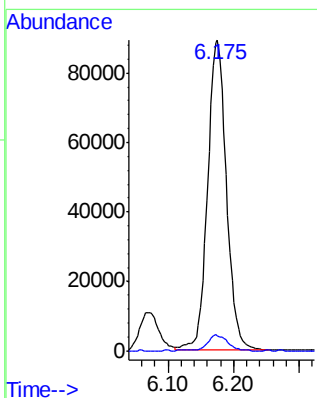
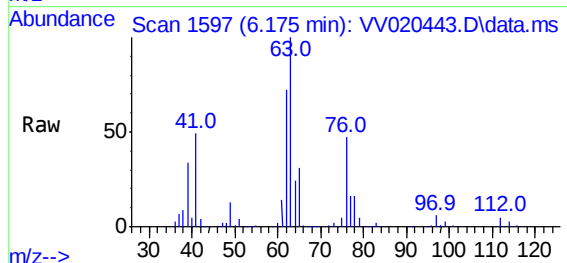




#37
1,2-Dichloropropane
Concen: 49.00 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

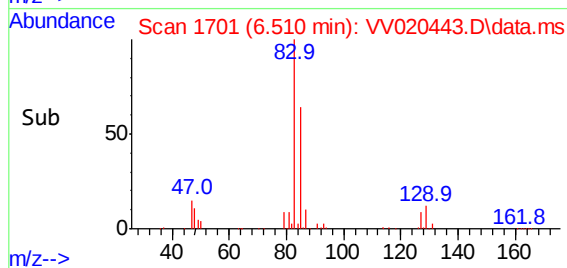
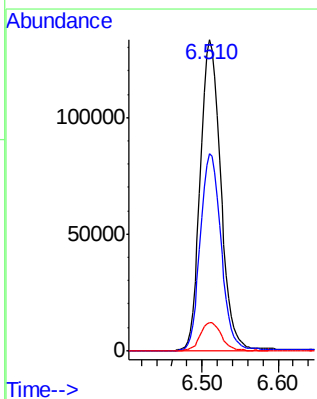
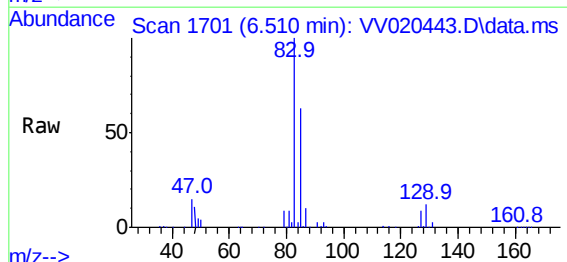
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

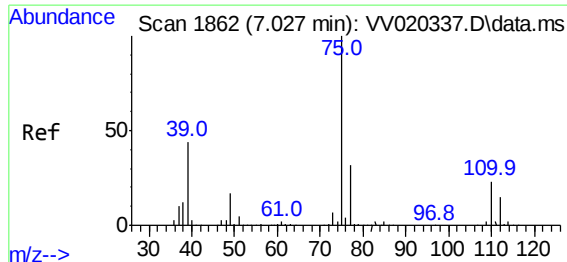
Tgt Ion: 63 Resp: 177857
Ion Ratio Lower Upper
63 100
112 5.4 3.3 4.9#



#38
Bromodichloromethane
Concen: 49.52 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 83 Resp: 247032
Ion Ratio Lower Upper
83 100
85 63.5 44.5 82.7
127 9.1 6.3 9.5

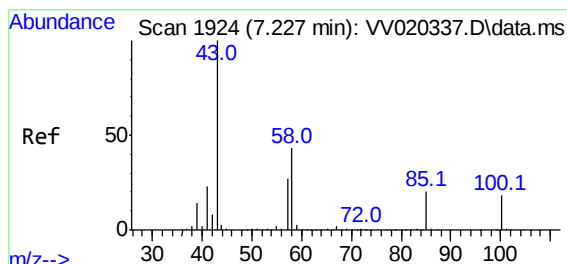
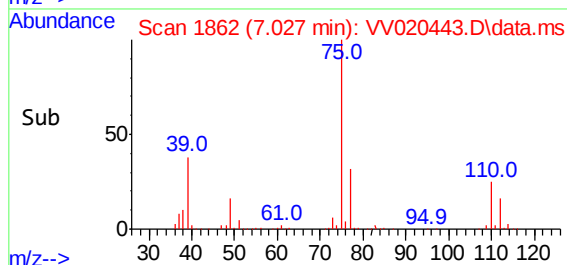
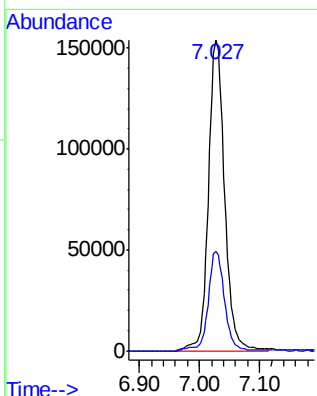
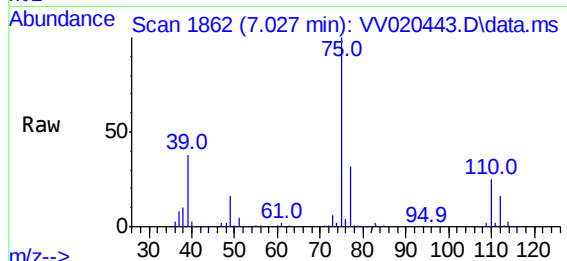




#39
cis-1,3-Dichloropropene
Concen: 48.41 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

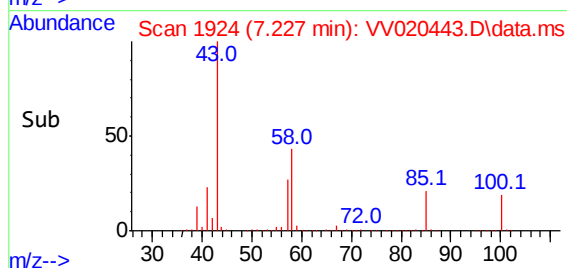
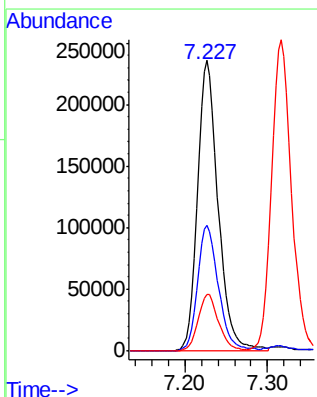
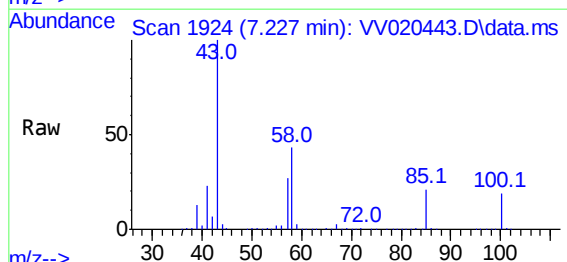
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

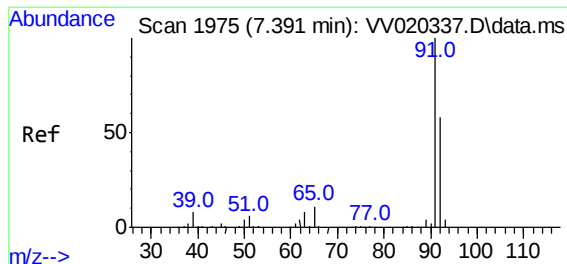
Tgt Ion: 75 Resp: 278222
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 89.44 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 43 Resp: 409271
Ion Ratio Lower Upper
43 100
58 43.6 30.7 46.1
100 19.2 11.6 17.4#

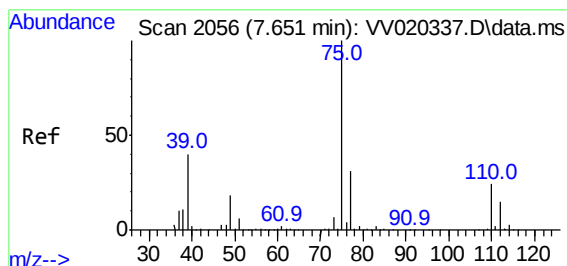
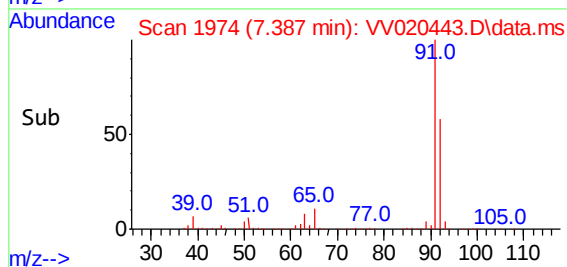
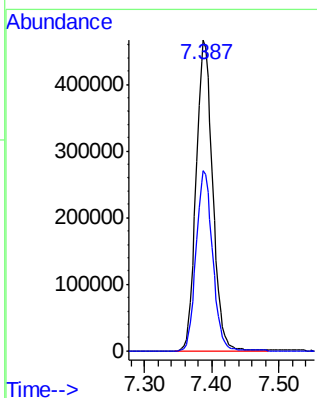
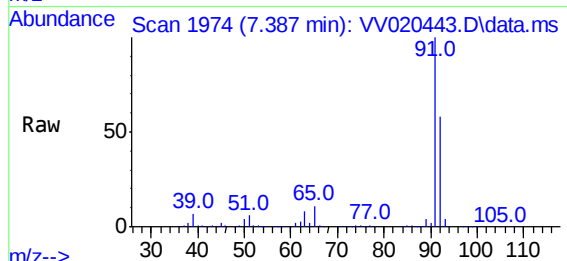




#42
Toluene
Concen: 50.19 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

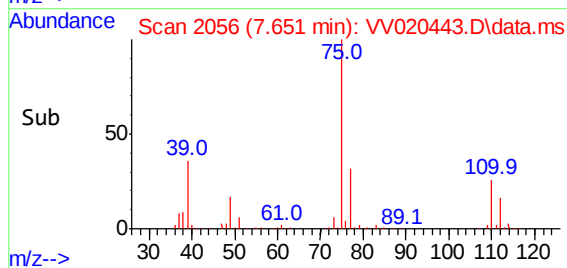
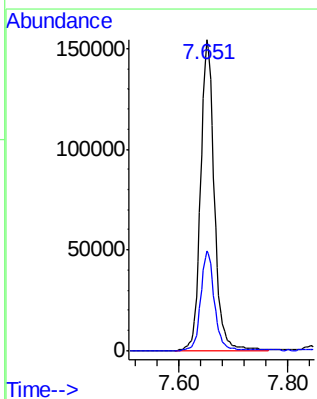
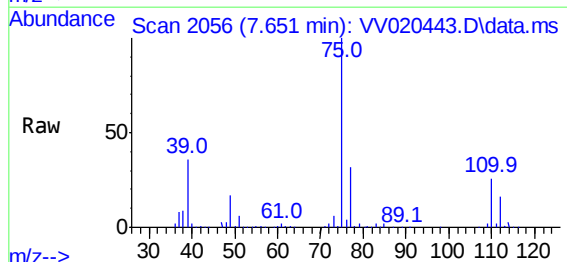
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

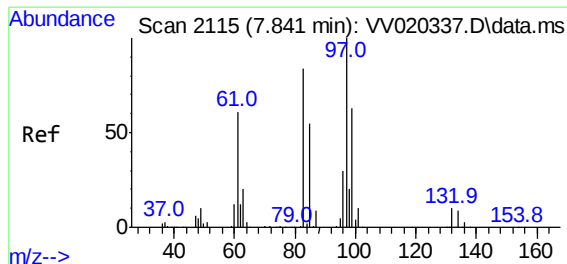
Tgt Ion: 91 Resp: 790997
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 48.27 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 75 Resp: 269820
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0



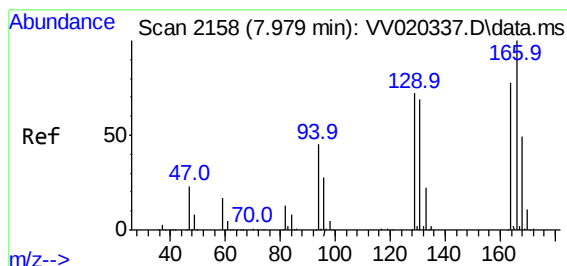
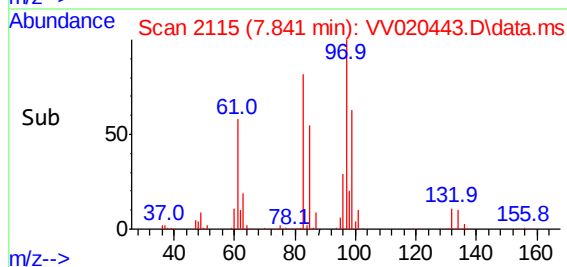
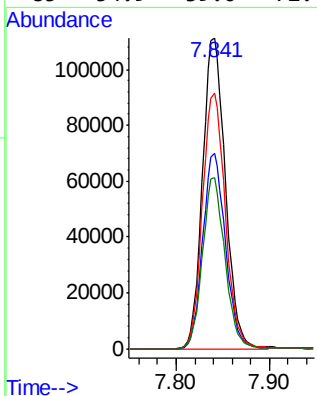
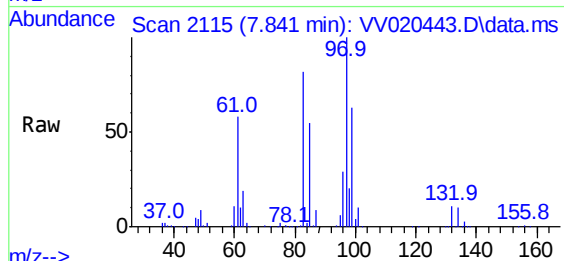


#45
1,1,2-Trichloroethane
Concen: 50.75 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion: 97 Resp: 189583

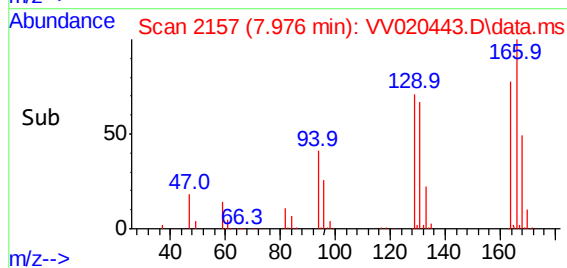
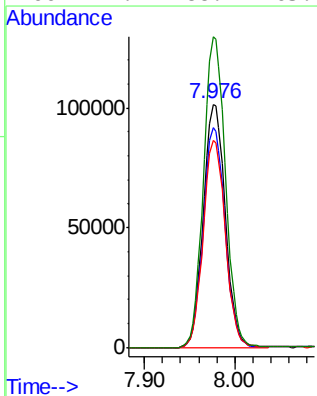
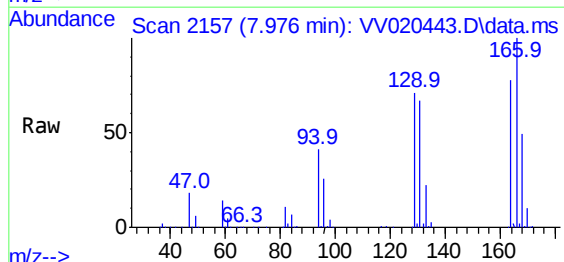
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.8	81.3
83	82.2	62.2	115.4
85	54.9	39.0	72.4

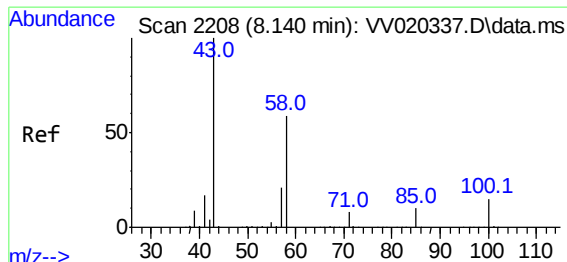


#46
Tetrachloroethene
Concen: 53.06 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 164 Resp: 170742

Ion	Ratio	Lower	Upper
164	100		
129	90.6	70.6	131.0
131	85.5	66.8	124.0
166	127.9	88.2	163.8

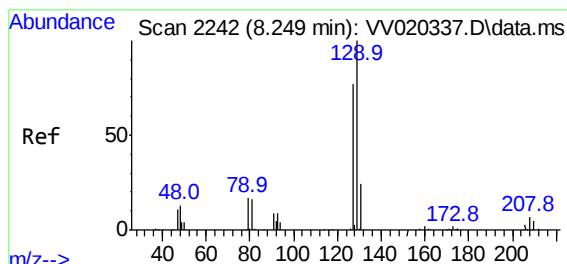
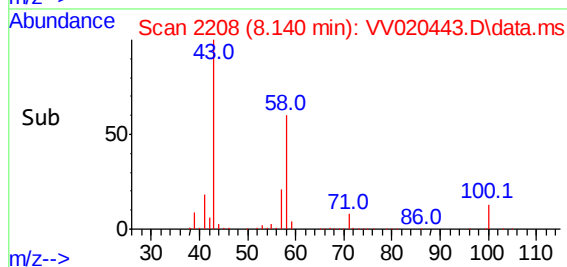
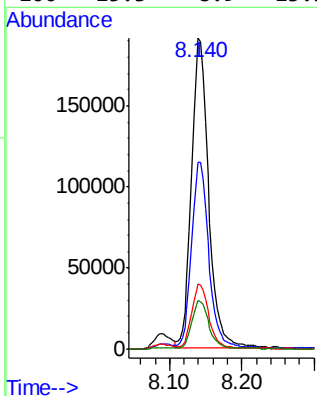
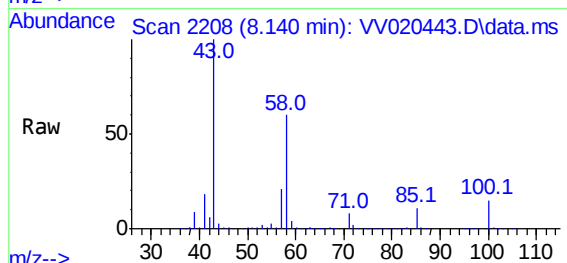




#48
2-Hexanone
Concen: 90.98 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

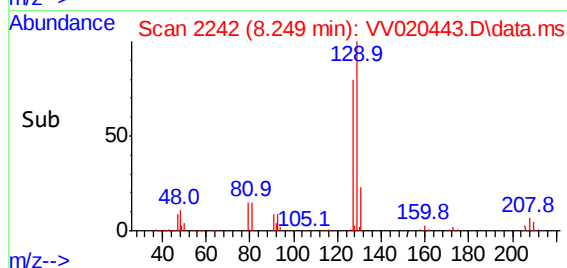
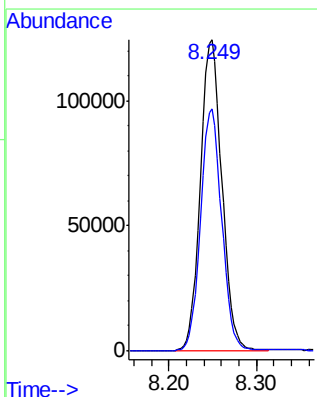
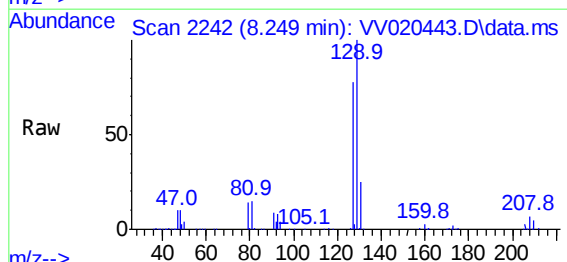
Instrument :
MSVOA_V
ClientSampled :
VSTD05069

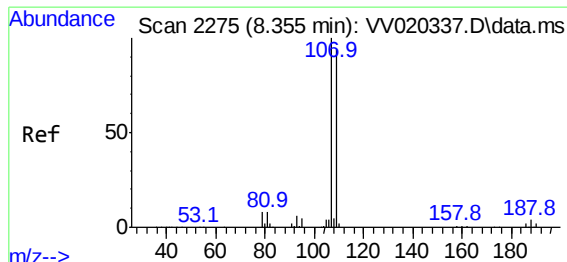
Tgt Ion: 43 Resp: 318512
Ion Ratio Lower Upper
43 100
58 61.1 41.8 62.6
57 20.5 15.0 22.4
100 15.3 8.9 13.3#



#49
Dibromochloromethane
Concen: 51.38 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 129 Resp: 211773
Ion Ratio Lower Upper
129 100
127 77.7 55.2 102.6

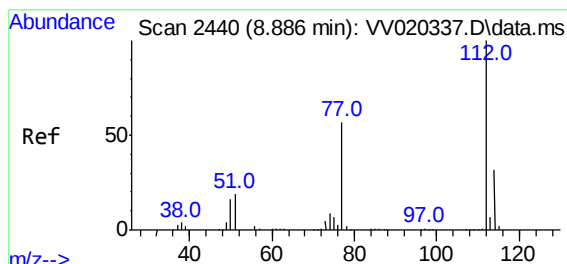
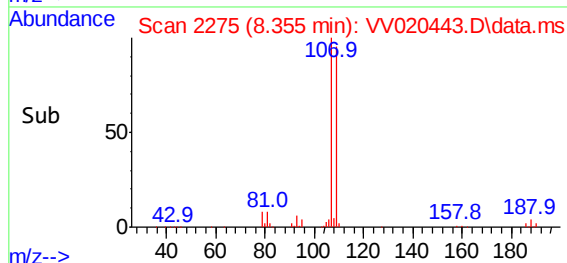
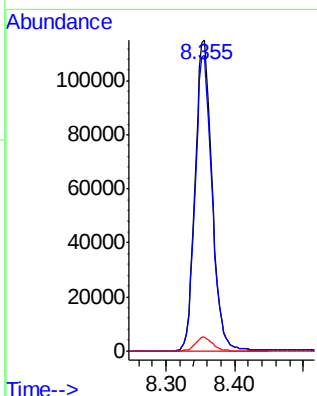
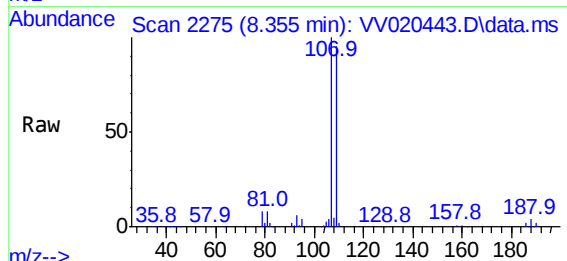




#50
1,2-Dibromoethane
Concen: 49.45 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

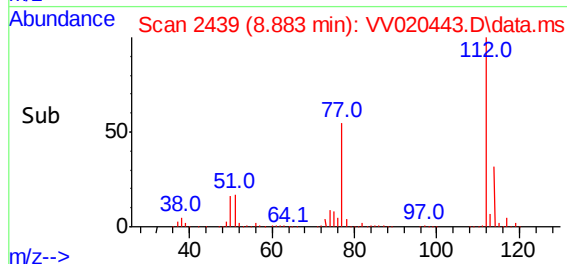
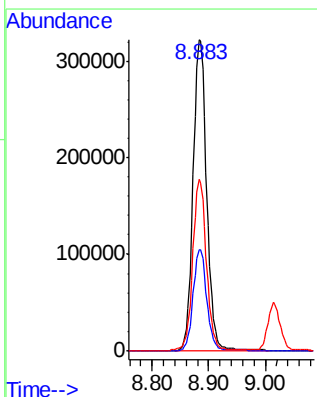
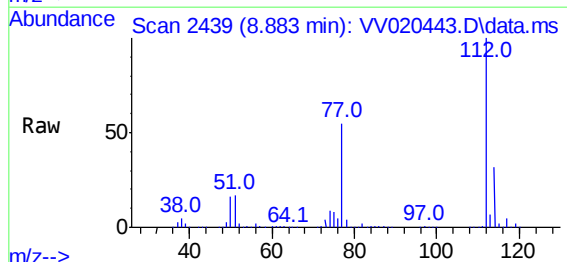
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

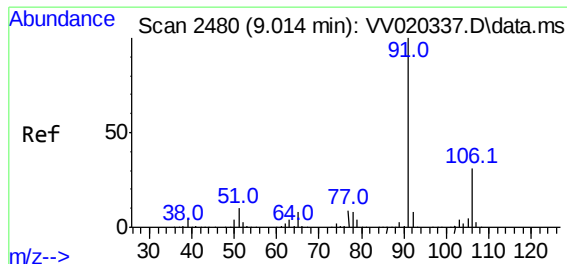
Tgt Ion:107 Resp: 197841
Ion Ratio Lower Upper
107 100
109 95.0 66.2 123.0
188 4.4 2.6 3.8#



#51
Chlorobenzene
Concen: 50.32 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion:112 Resp: 532012
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 55.2 49.0 73.6

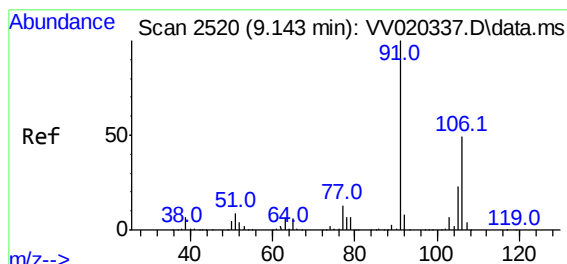
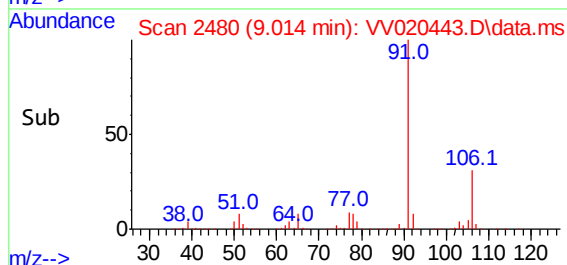
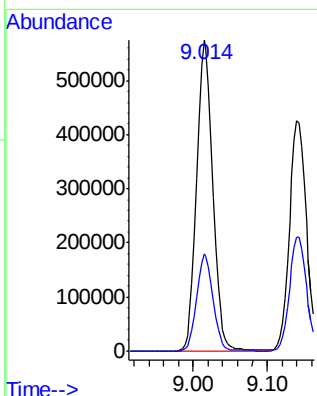
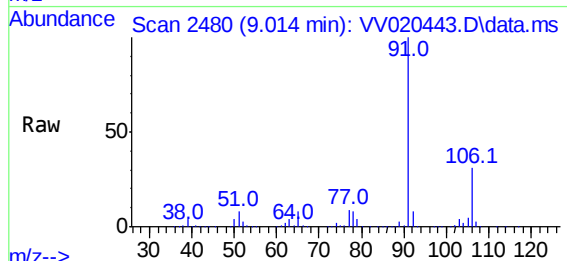




#52
Ethylbenzene
Concen: 50.20 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

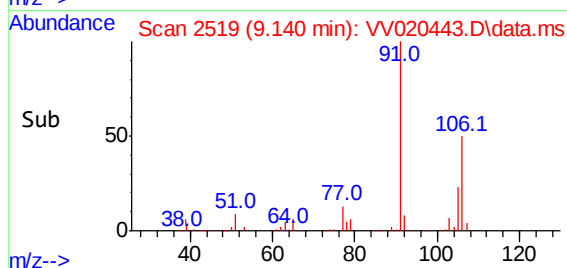
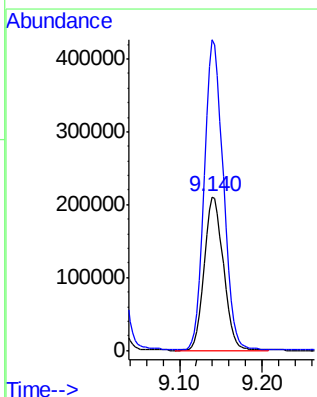
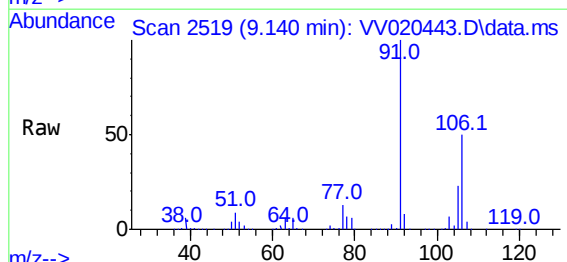
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

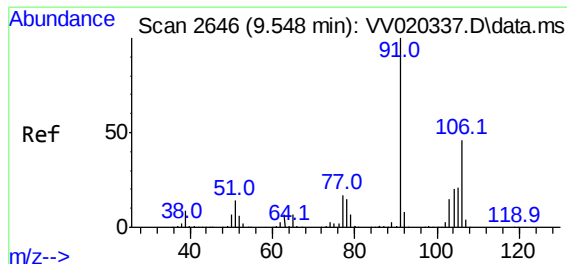
Tgt Ion: 91 Resp: 873893
Ion Ratio Lower Upper
91 100
106 31.2 21.0 39.0



#53
m,p-Xylene
Concen: 50.97 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 106 Resp: 337868
Ion Ratio Lower Upper
106 100
91 201.9 148.1 275.0

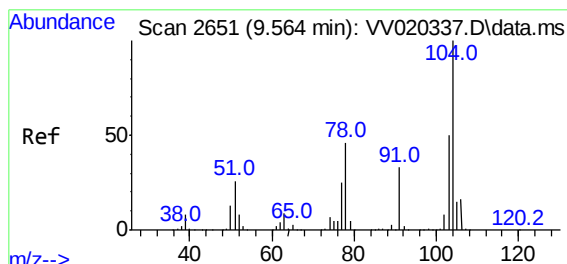
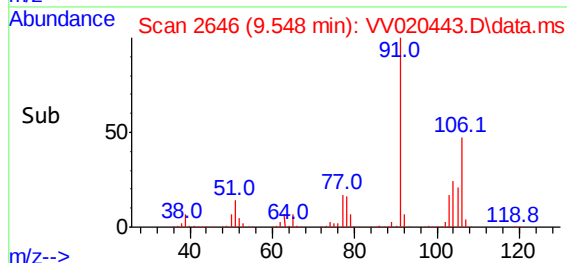
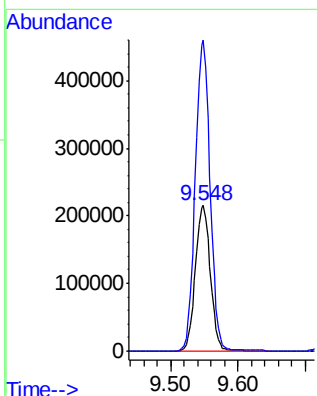
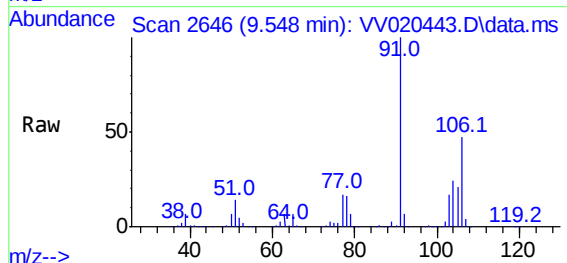




#54
o-xylene
Concen: 50.89 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

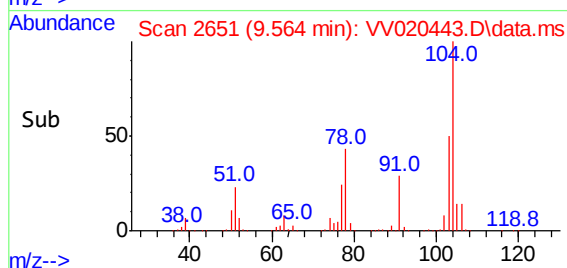
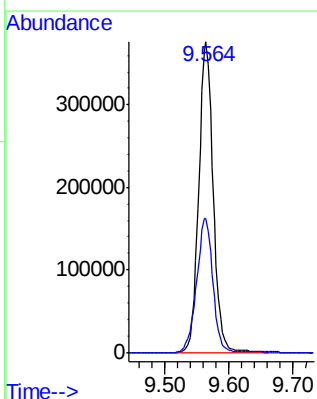
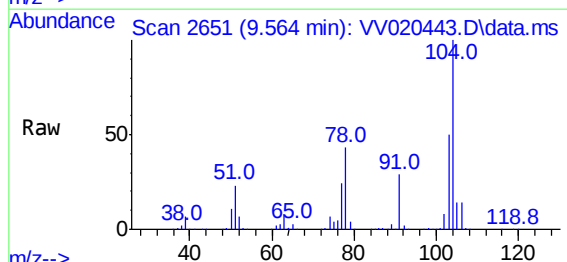
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

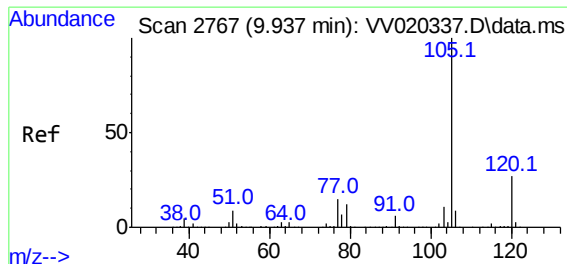
Tgt Ion:106 Resp: 328385
Ion Ratio Lower Upper
106 100
91 214.2 156.4 290.6



#55
Styrene
Concen: 53.12 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion:104 Resp: 589883
Ion Ratio Lower Upper
104 100
78 43.0 33.7 62.5

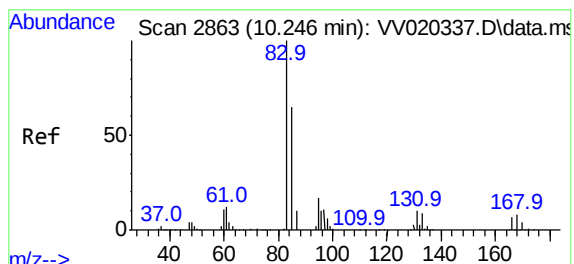
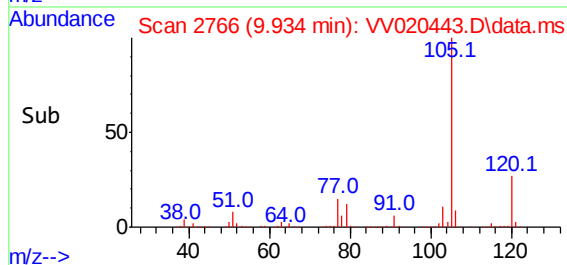
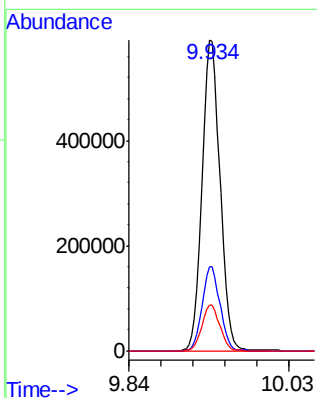
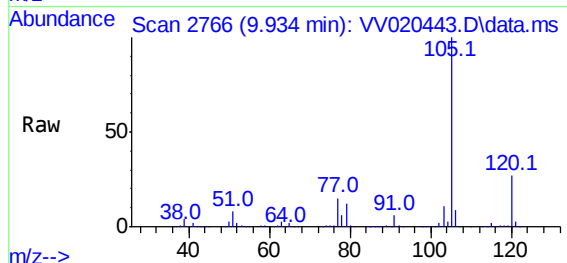




#56
Isopropylbenzene
Concen: 51.35 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

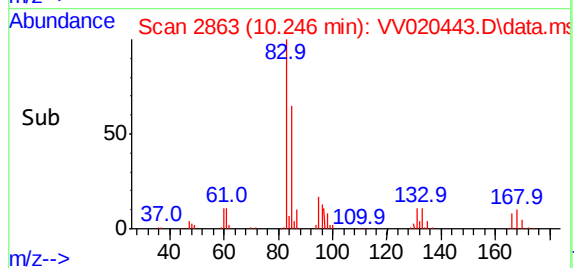
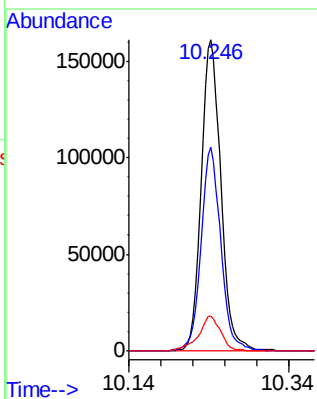
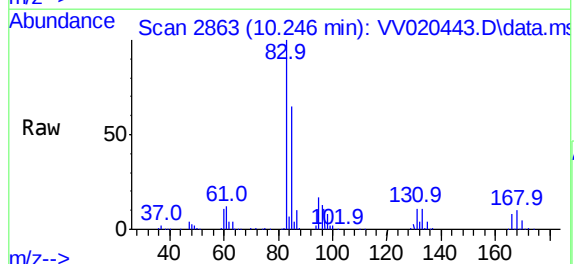
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

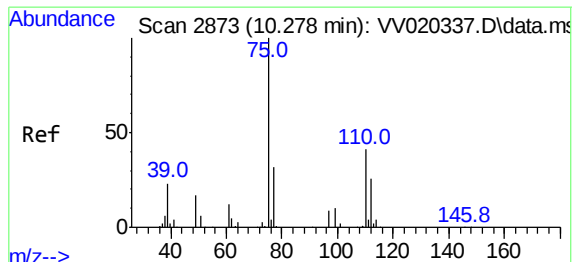
Tgt Ion:105 Resp: 889110
Ion Ratio Lower Upper
105 100
120 26.9 20.5 30.7
77 14.8 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 44.71 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 83 Resp: 263126
Ion Ratio Lower Upper
83 100
85 65.3 44.3 82.3
131 11.2 7.3 10.9#

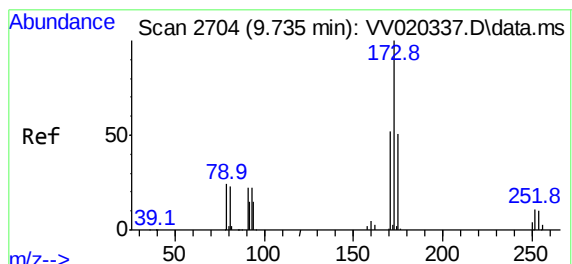
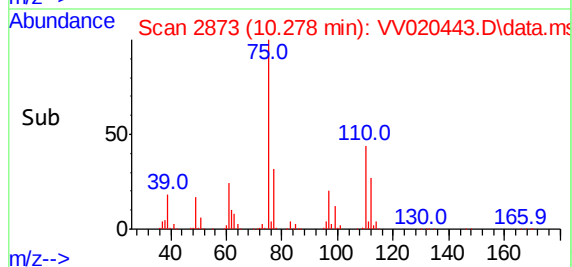
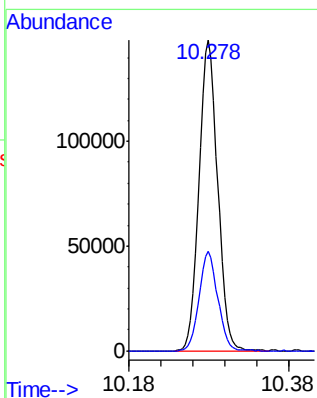
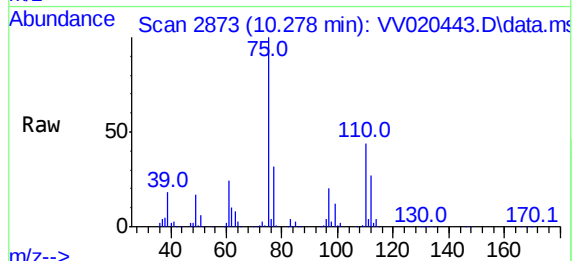




#59
1,2,3-Trichloropropane
Concen: 47.72 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

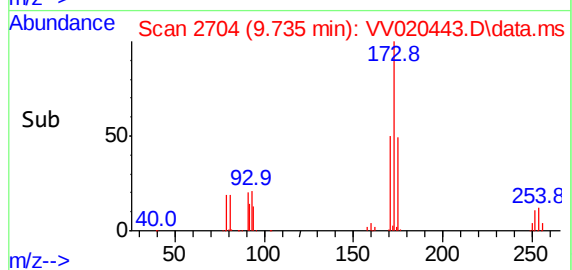
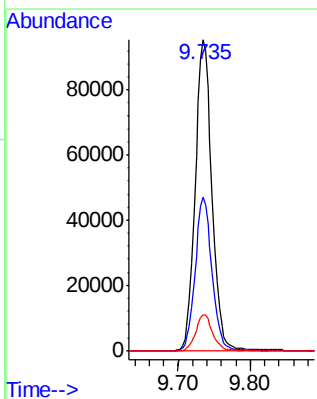
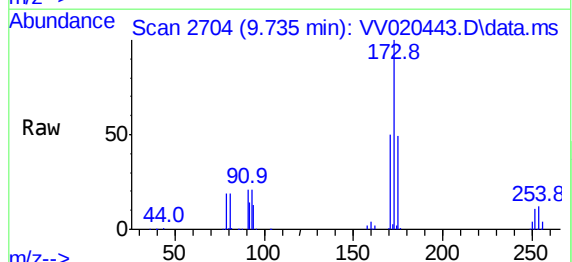
Instrument :
MSVOA_V
ClientSampled :
VSTD05069

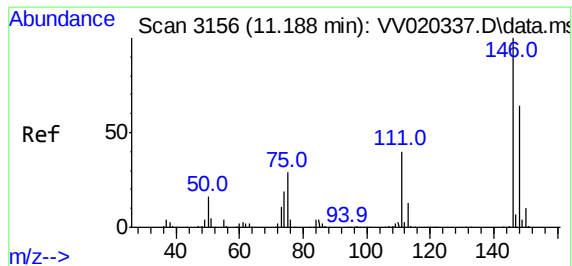
Tgt Ion: 75 Resp: 232238
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0



#61
Bromoform
Concen: 46.52 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion: 173 Resp: 152751
Ion Ratio Lower Upper
173 100
175 49.3 38.6 57.8
254 11.3 6.5 9.7#

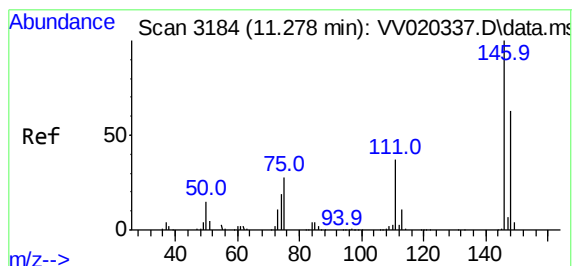
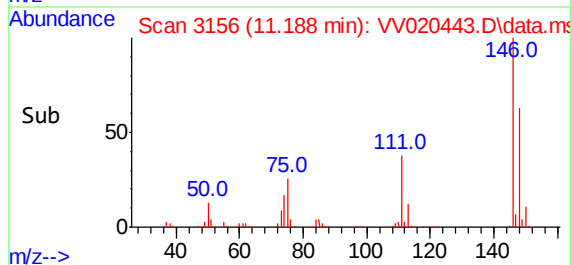
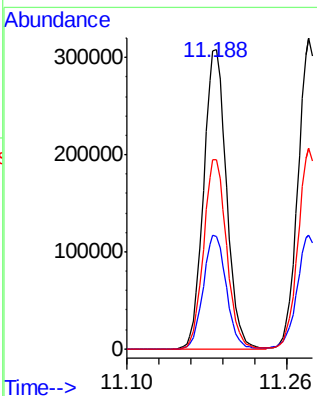
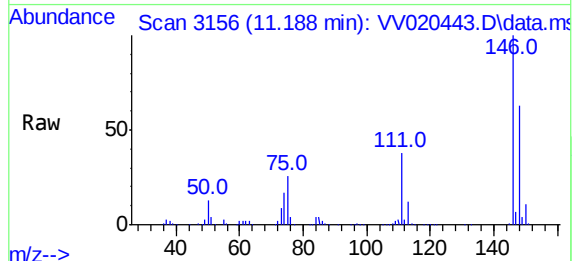




#62
1,3-Dichlorobenzene
Concen: 49.43 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

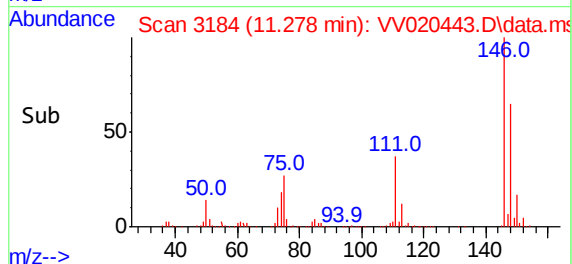
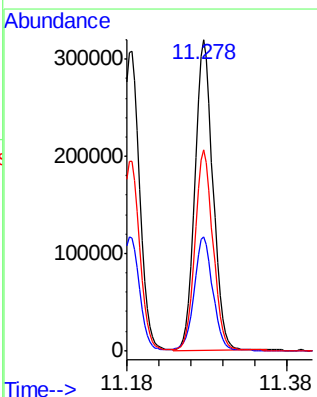
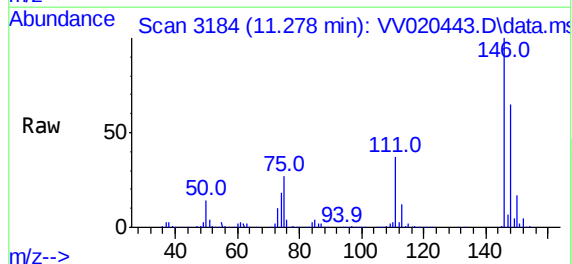
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

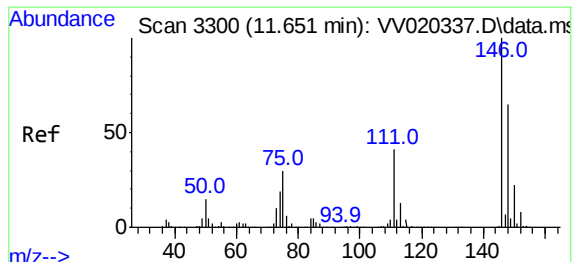
Tgt Ion:146 Resp: 471871
Ion Ratio Lower Upper
146 100
111 37.6 30.2 56.2
148 63.1 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.43 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

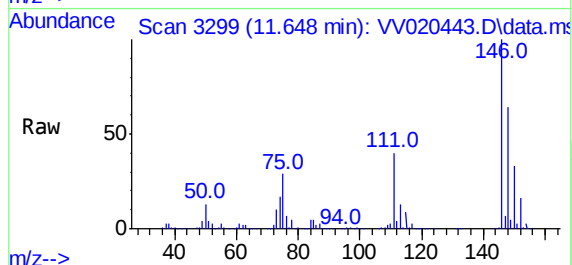
Tgt Ion:146 Resp: 483837
Ion Ratio Lower Upper
146 100
111 36.7 29.4 54.6
148 64.5 44.7 83.1





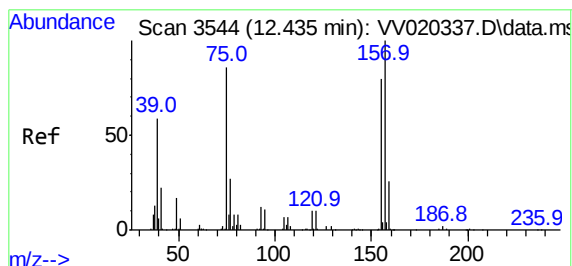
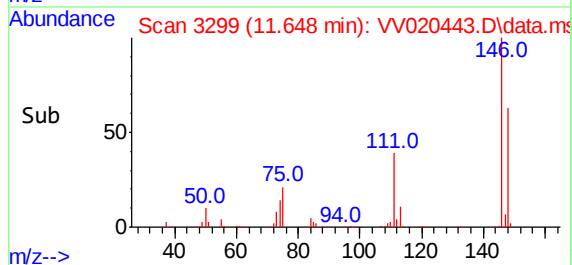
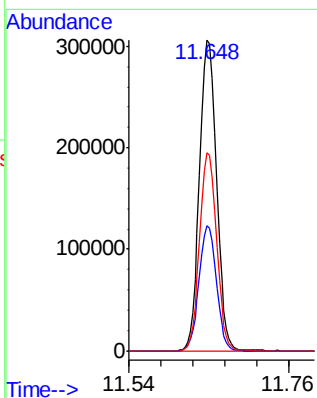
#65
 1,2-Dichlorobenzene
 Concen: 49.69 ug/L
 RT: 11.648 min Scan# 3299
 Delta R.T. -0.003 min
 Lab File: VV020443.D
 Acq: 03 Mar 2021 12:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05069



Tgt Ion:146 Resp: 473542

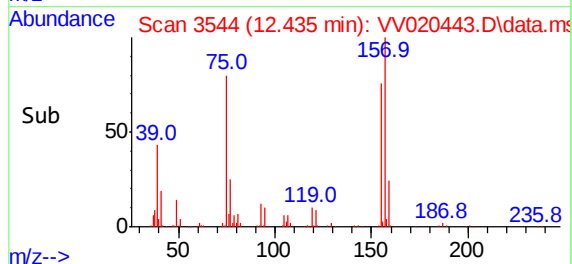
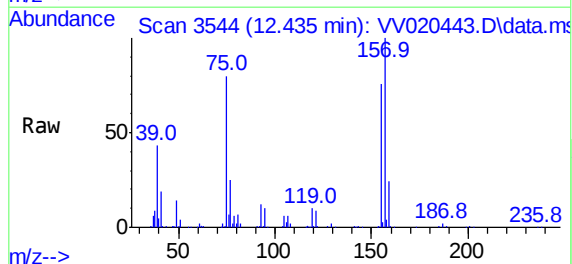
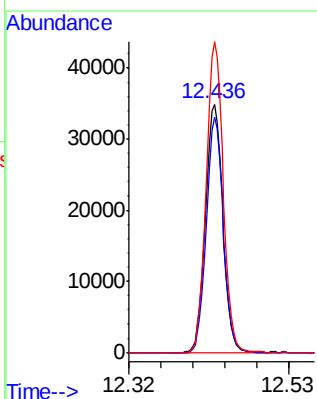
Ion	Ratio	Lower	Upper
146	100		
111	40.3	36.3	54.5
148	63.8	51.7	77.5

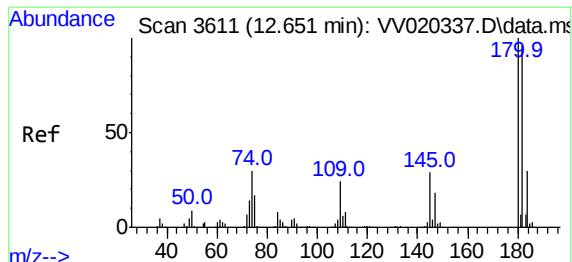


#66
 1,2-Dibromo-3-chloropropane
 Concen: 37.50 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. 0.000 min
 Lab File: VV020443.D
 Acq: 03 Mar 2021 12:40

Tgt Ion: 75 Resp: 54829

Ion	Ratio	Lower	Upper
75	100		
155	94.9	59.1	88.7#
157	125.3	75.4	113.0#

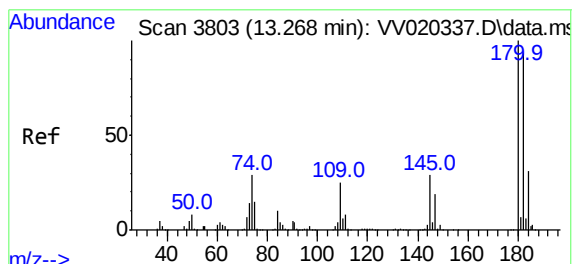
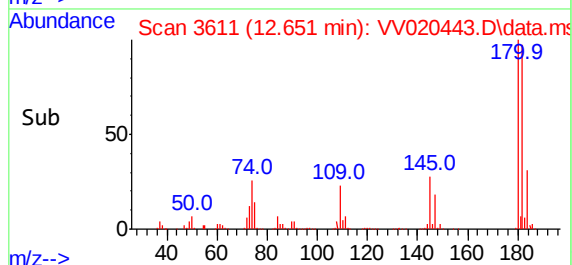
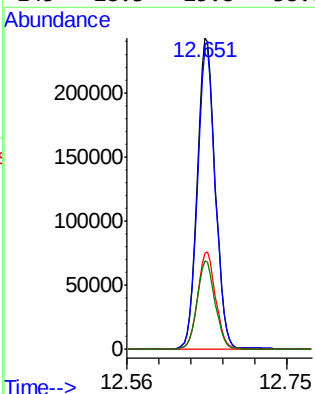
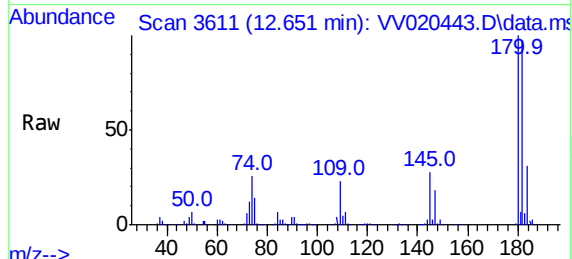




#67
1,3,5-Trichlorobenzene
Concen: 49.24 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

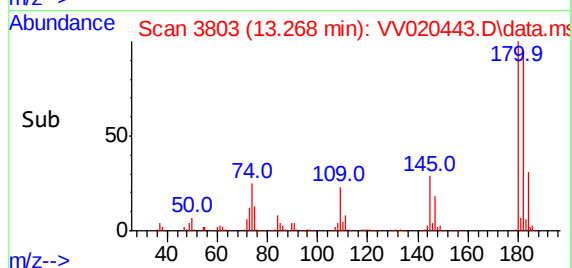
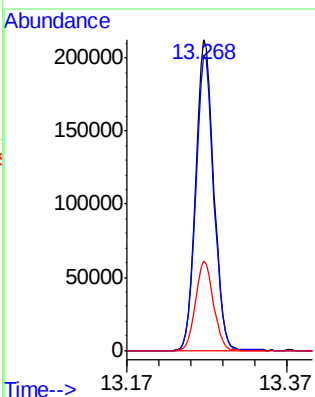
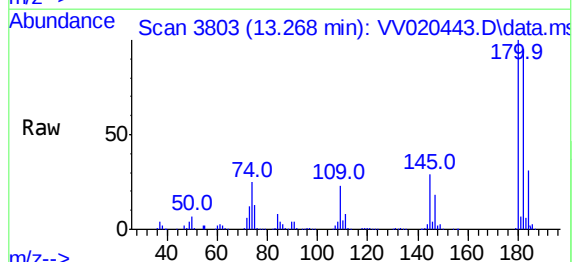
Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

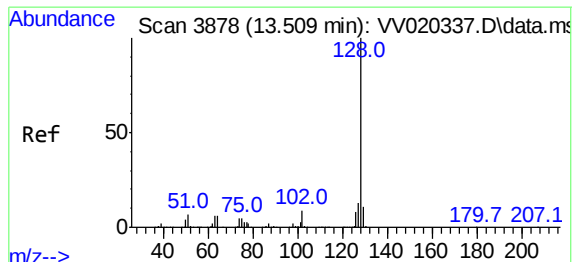
Tgt Ion:180 Resp: 367021
Ion Ratio Lower Upper
180 100
182 96.6 75.0 112.6
184 31.0 24.0 36.0
145 28.3 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 48.90 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion:180 Resp: 323424
Ion Ratio Lower Upper
180 100
182 94.8 75.1 112.7
145 28.6 26.8 40.2

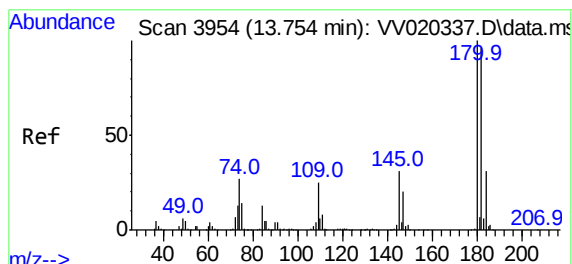
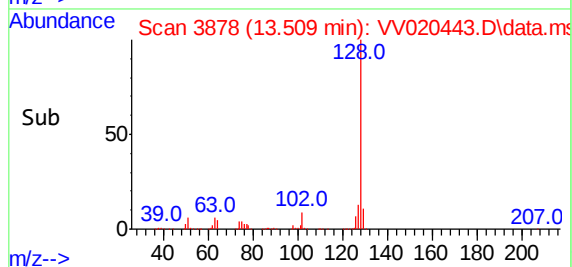
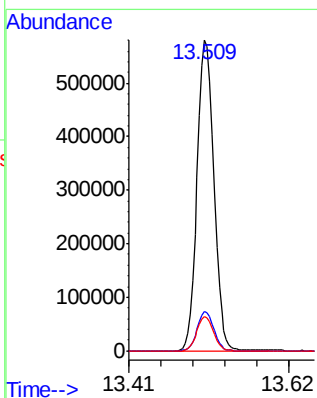
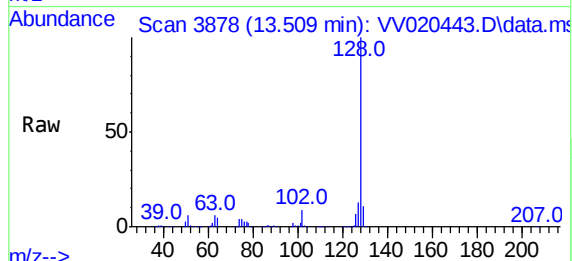




#69
Naphthalene
Concen: 46.86 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD05069

Tgt Ion:128 Resp: 887530
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.8 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 50.50 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.000 min
Lab File: VV020443.D
Acq: 03 Mar 2021 12:40

Tgt Ion:180 Resp: 332559
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 30.4 27.9 41.9

