

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030921\
 Data File : VW020488.D
 Acq On : 09 Mar 2021 23:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Mar 10 01:02:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 10 01:00:54 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.619	114	290691	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.857	117	287619	5.00 ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	163109	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	96564	4.72 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 94.40%
7) Chloroethane-d5	1.568	69	74145	4.61 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 92.20%
11) 1,1-Dichloroethene-d2	2.108	63	174012	4.37 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 87.40%
20) 2-Butanone-d5	3.912	46	143703	40.53 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 81.06%
24) Chloroform-d	4.349	84	170113	4.65 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 93.00%
26) 1,2-Dichloroethane-d4	5.037	65	75450	4.24 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 84.80%
32) Benzene-d6	5.050	84	337821	4.69 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 93.80%
36) 1,2-Dichloropropane-d6	6.072	67	94593	4.43 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 88.60%
41) Toluene-d8	7.317	98	338334	4.87 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 97.40%
45) trans-1,3-Dichloroprop...	7.625	79	35103	4.31 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 86.20%
48) 2-Hexanone-d5	8.095	63	115449	40.40 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 80.80%
59) 1,1,2,2-Tetrachloroeth...	10.220	84	62903	4.15 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 83.00%
65) 1,2-Dichlorobenzene-d4	11.632	152	134156	4.64 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 92.80%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.130	85	159148	4.40 ug/L	98
3) Chloromethane	1.240	50	124786	3.90 ug/L	95
5) Vinyl chloride	1.310	62	135485	3.97 ug/L	99
6) Bromomethane	1.523	94	88817	4.03 ug/L	100
8) Chloroethane	1.584	64	80800	3.93 ug/L	97
9) Trichlorofluoromethane	1.754	101	209850	4.39 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	114901	4.51 ug/L	94
12) 1,1-Dichloroethene	2.118	96	109328	4.42 ug/L	78
13) Acetone	2.214	43	114895	35.74 ug/L #	28
14) Carbon disulfide	2.291	76	298683	3.91 ug/L	99
15) Methyl Acetate	2.445	43	29188	3.75 ug/L	92
16) Methylene chloride	2.507	84	111167	4.17 ug/L	94
17) Methyl tert-butyl Ether	2.770	73	204697	4.01 ug/L #	94
18) trans-1,2-Dichloroethene	2.761	96	112295	4.33 ug/L	91
19) 1,1-Dichloroethane	3.191	63	187663	4.11 ug/L	98
21) 2-Butanone	3.992	43	178207	36.35 ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	115995	4.30 ug/L	93
23) Bromochloromethane	4.252	128	55124	4.69 ug/L	90
25) Chloroform	4.375	83	209952	4.35 ug/L	95
27) 1,2-Dichloroethane	5.133	62	109215	3.95 ug/L #	95

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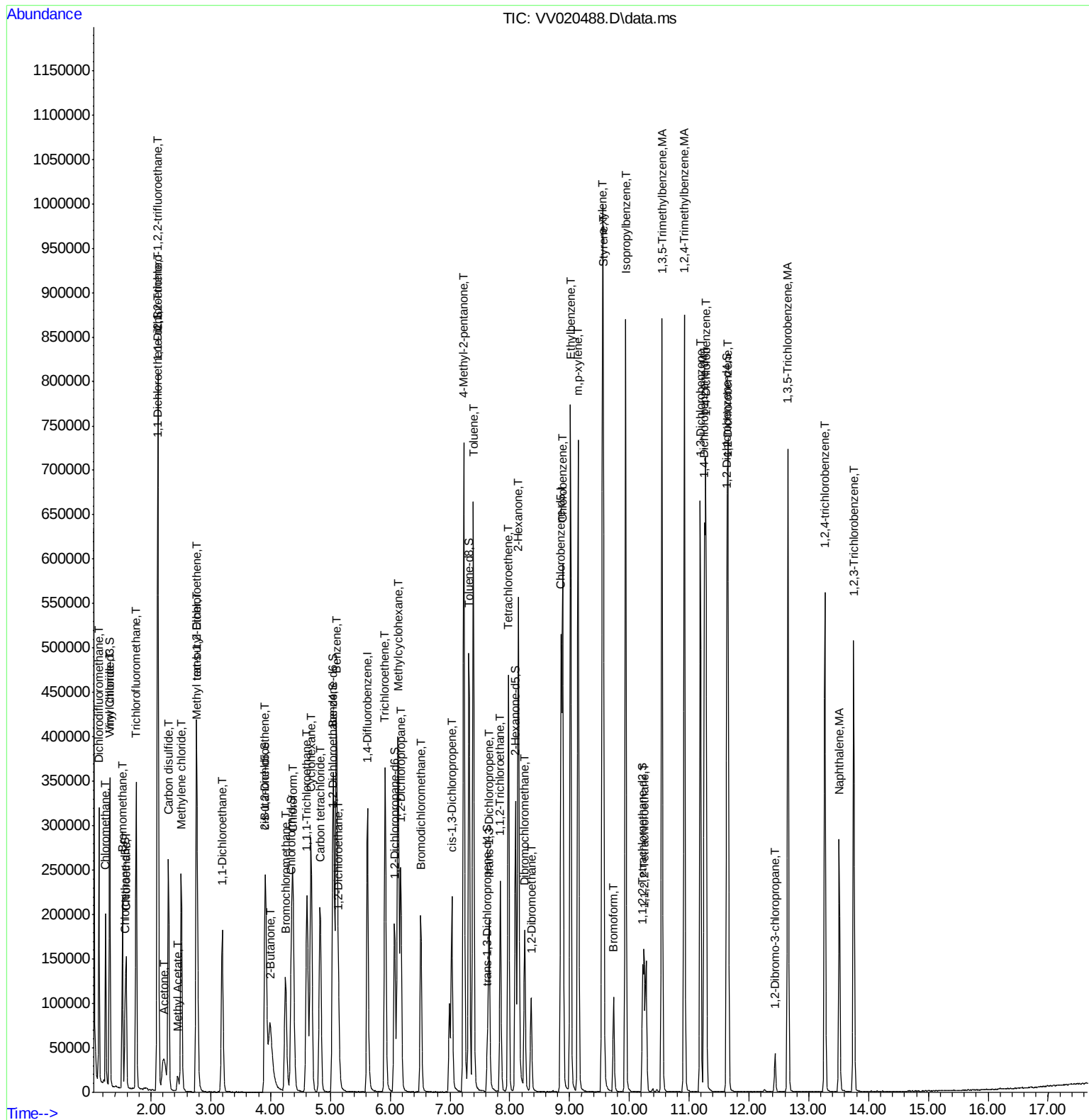
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.609	97	186737	4.35	ug/L	95
30) Cyclohexane	4.677	56	152281	3.95	ug/L	94
31) Carbon tetrachloride	4.828	117	165554	4.51	ug/L	99
33) Benzene	5.101	78	444492	4.27	ug/L	100
34) Trichloroethene	5.915	95	127300	4.35	ug/L	98
35) Methylcyclohexane	6.133	83	176207	4.16	ug/L	94
37) 1,2-Dichloropropane	6.175	63	101149	4.07	ug/L	100
38) Bromodichloromethane	6.513	83	134167	4.15	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	141750	4.06	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	465450	37.78	ug/L #	92
42) Toluene	7.391	91	502108	4.44	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	461048	4.62	ug/L	98
44) 1,2,4-Trimethylbenzene	10.918	105	478009	4.70	ug/L	98
46) trans-1,3-Dichloropropene	7.654	75	114428	4.02	ug/L	99
47) 1,1,2-Trichloroethane	7.841	97	76545	4.26	ug/L	94
49) Tetrachloroethene	7.979	164	113087	4.67	ug/L	96
50) 2-Hexanone	8.143	43	329747	38.18	ug/L	89
51) Dibromochloromethane	8.249	129	95681	4.58	ug/L	97
52) 1,2-Dibromoethane	8.358	107	72202	4.44	ug/L	100
53) Chlorobenzene	8.886	112	334138	4.48	ug/L	97
54) Ethylbenzene	9.018	91	545964	4.41	ug/L	99
55) m,p-xylene	9.143	106	216859	4.65	ug/L	99
56) o-xylene	9.548	106	205052	4.58	ug/L	93
57) Styrene	9.564	104	353740	4.70	ug/L	90
58) Isopropylbenzene	9.937	105	558272	4.59	ug/L	97
60) 1,1,2,2-Tetrachloroethane	10.249	83	73328	3.85	ug/L	98
62) Bromoform	9.738	173	50499	4.40	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	289468	4.44	ug/L	100
64) 1,4-Dichlorobenzene	11.278	146	288340	4.36	ug/L	98
66) 1,2-Dichlorobenzene	11.651	146	264509	4.47	ug/L	98
67) 1,2-Dibromo-3-chloropr...	12.435	75	10288	3.54	ug/L #	82
68) 1,3,5-Trichlorobenzene	12.651	180	237161	4.49	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	184541	4.39	ug/L	98
70) Naphthalene	13.509	128	226356	3.87	ug/L	98
71) 1,2,3-Trichlorobenzene	13.750	180	167042	4.56	ug/L	97

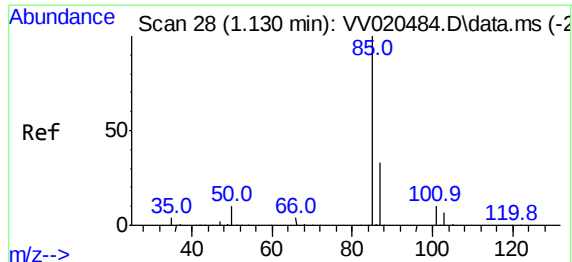
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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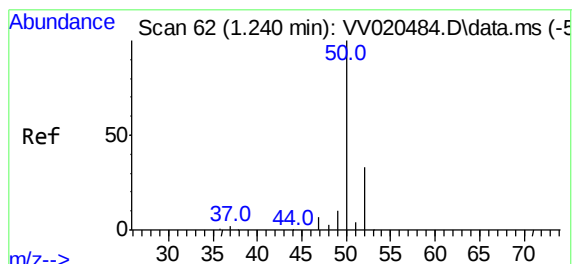
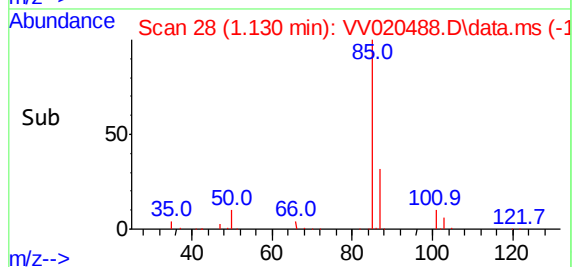
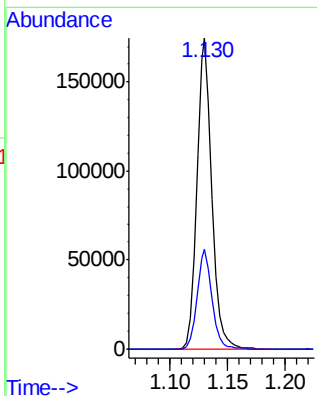
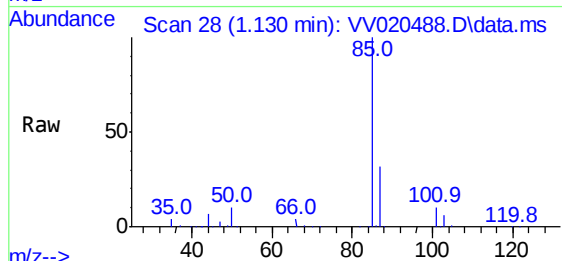


#2

Dichlorodifluoromethane
Concen: 4.40 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

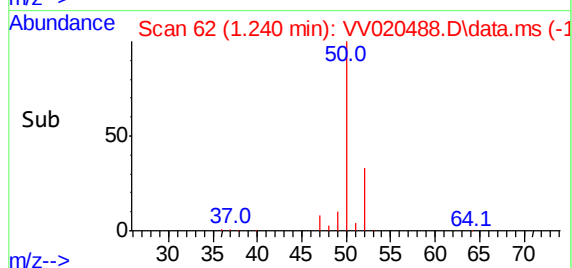
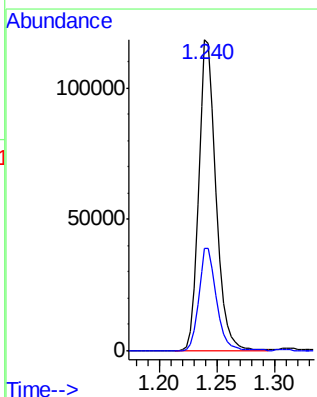
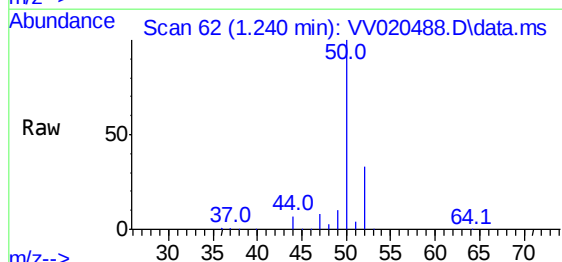
Tgt Ion: 85 Resp: 159148
Ion Ratio Lower Upper
85 100
87 31.9 26.4 39.6

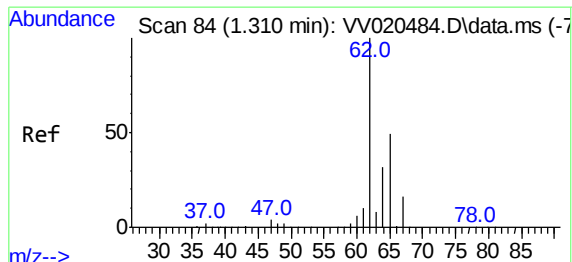


#3

Chloromethane
Concen: 3.90 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 50 Resp: 124786
Ion Ratio Lower Upper
50 100
52 32.8 25.1 46.5

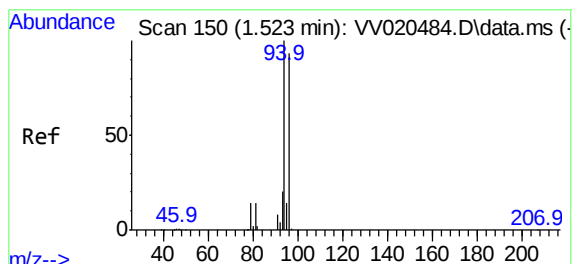
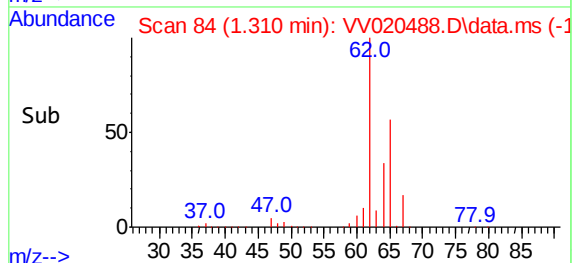
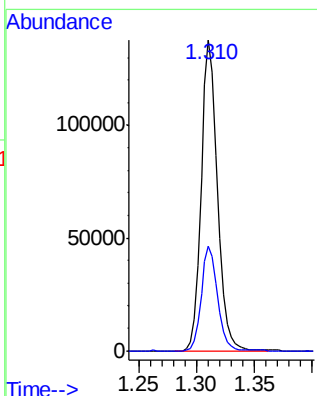
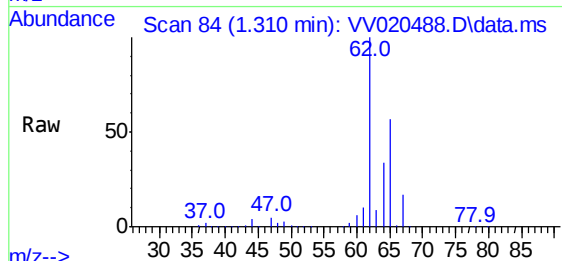




#5
 Vinyl chloride
 Concen: 3.97 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV020488.D
 Acq: 09 Mar 2021 23:05

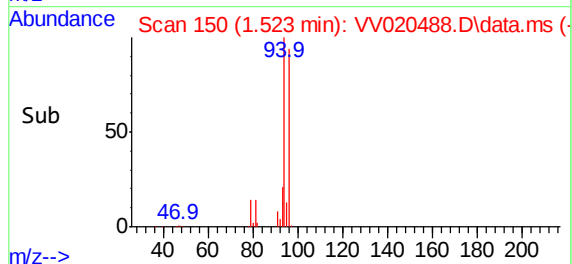
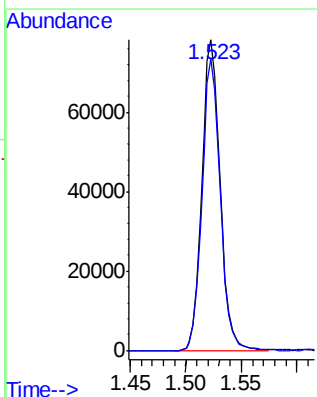
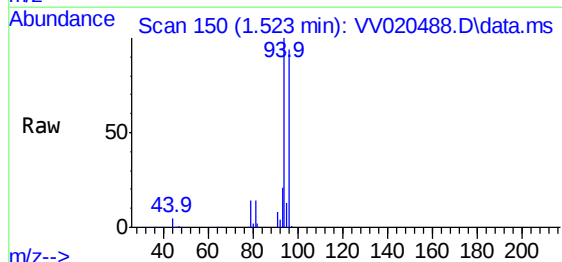
Instrument :
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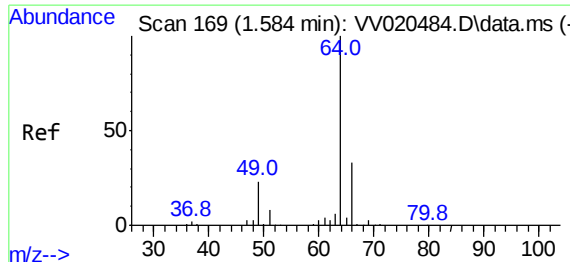
Tgt Ion: 62 Resp: 135485
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.8



#6
 Bromomethane
 Concen: 4.03 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020488.D
 Acq: 09 Mar 2021 23:05

Tgt Ion: 94 Resp: 88817
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.9 122.5

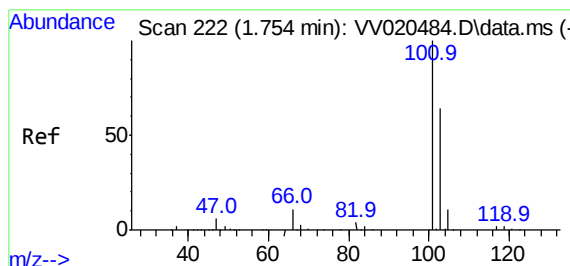
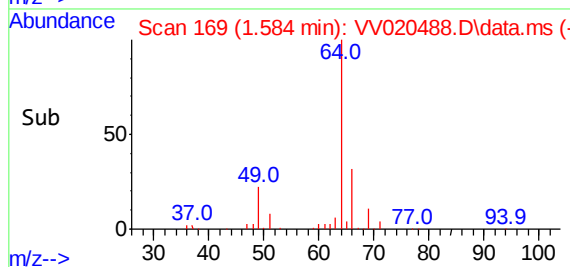
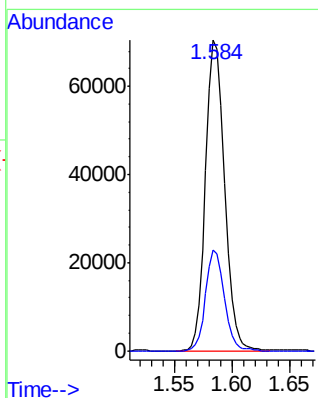
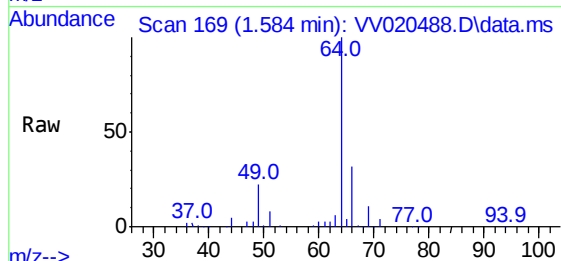




#8
Chloroethane
Concen: 3.93 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

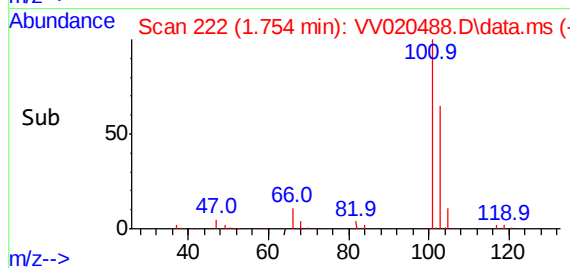
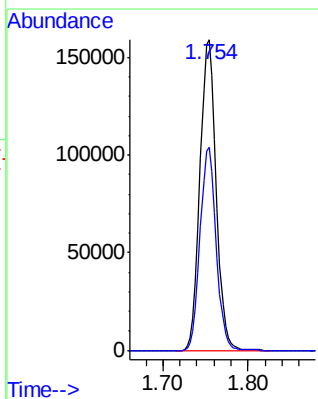
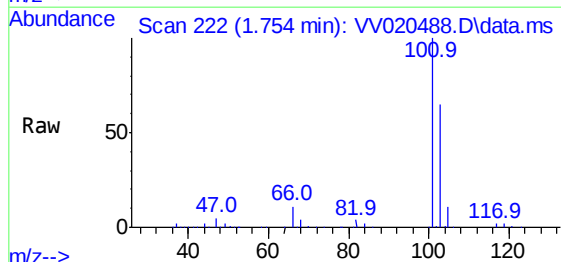
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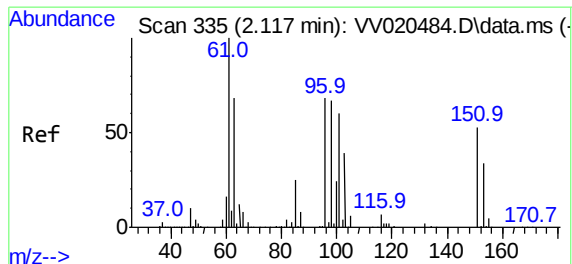
Tgt Ion: 64 Resp: 80800
Ion Ratio Lower Upper
64 100
66 32.3 24.0 44.6



#9
Trichlorofluoromethane
Concen: 4.39 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion:101 Resp: 209850
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5



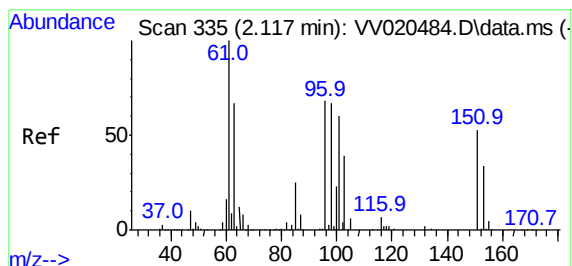
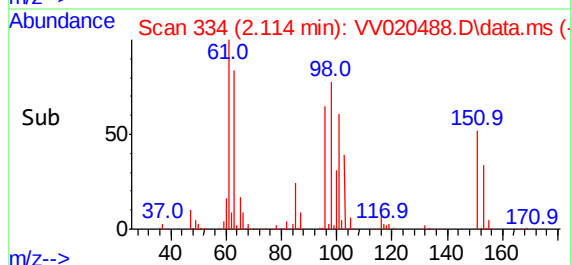
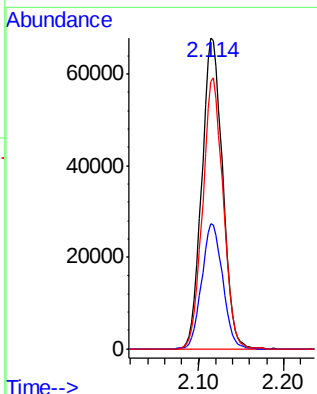
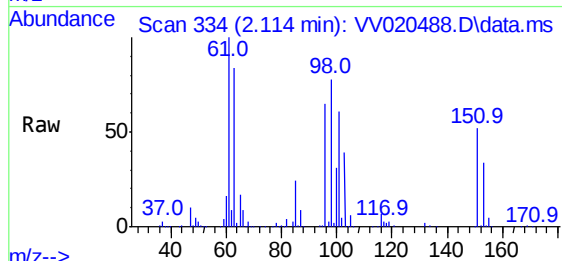


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.51 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV020488.D
 Acq: 09 Mar 2021 23:05

Instrument :
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 ClientSampleId :
 VSTD00545

Tgt Ion:101 Resp: 114901

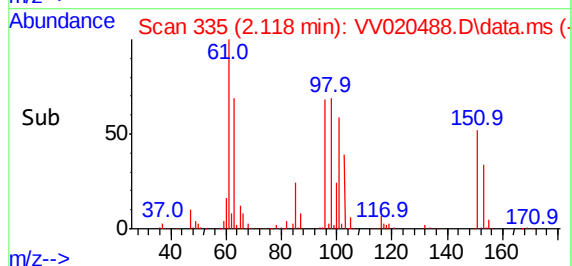
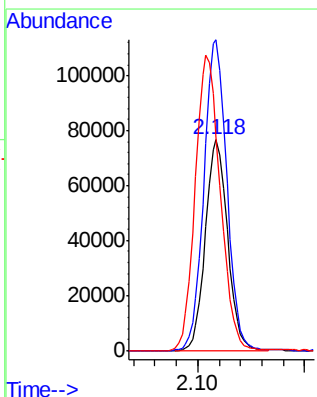
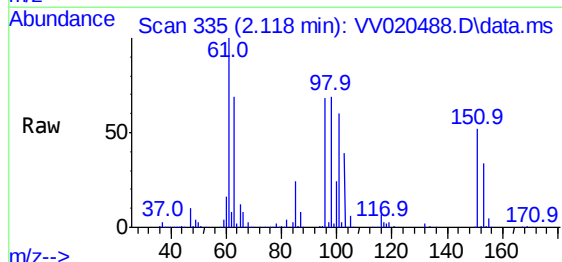
Ion	Ratio	Lower	Upper
101	100		
85	40.5	34.6	51.8
151	85.8	63.5	95.3

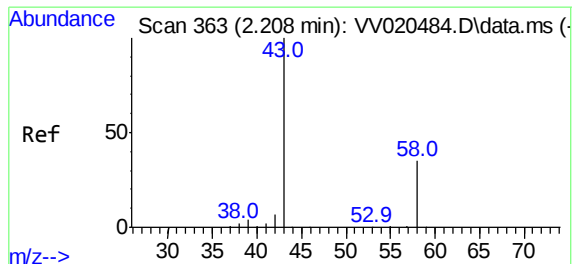


#12
 1,1-Dichloroethene
 Concen: 4.42 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020488.D
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Tgt Ion: 96 Resp: 109328

Ion	Ratio	Lower	Upper
96	100		
61	147.4	123.1	228.7
63	101.1	91.2	169.4

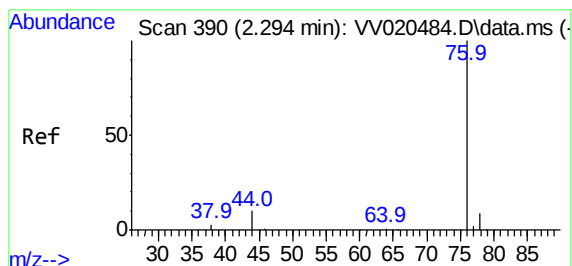
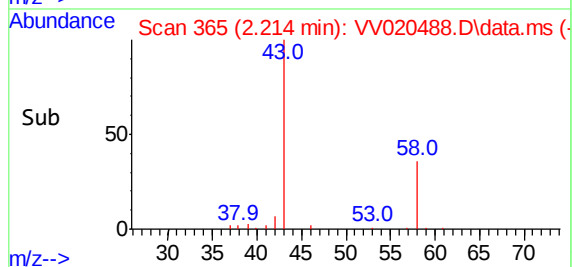
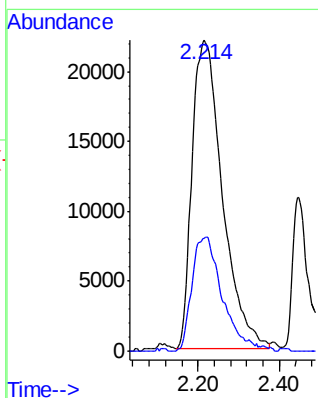
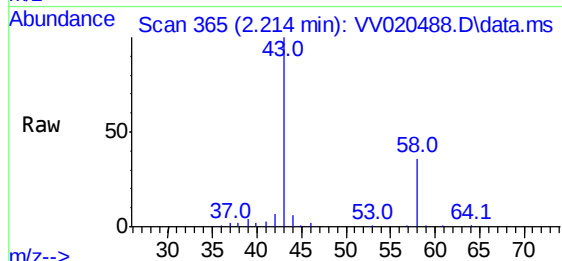




#13
Acetone
Concen: 35.74 ug/L
RT: 2.214 min Scan# 365
Delta R.T. 0.006 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

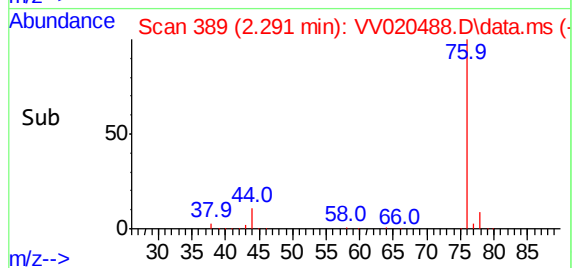
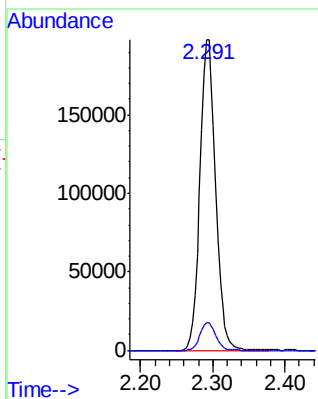
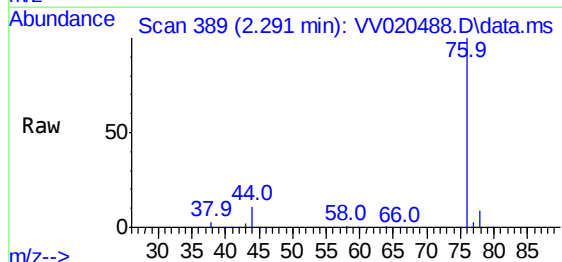
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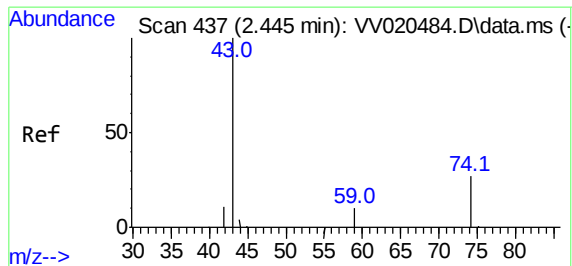
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Ion Ratio Lower Upper
43 100
58 35.7 0.0 18.6#



#14
Carbon disulfide
Concen: 3.91 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 76 Resp: 298683
Ion Ratio Lower Upper
76 100
78 8.8 6.6 10.0

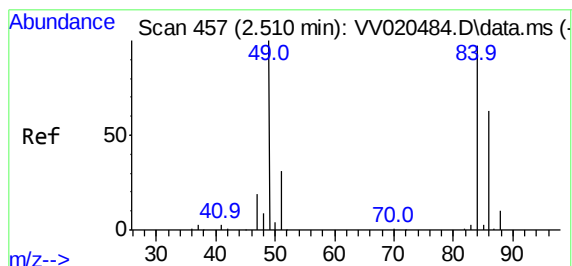
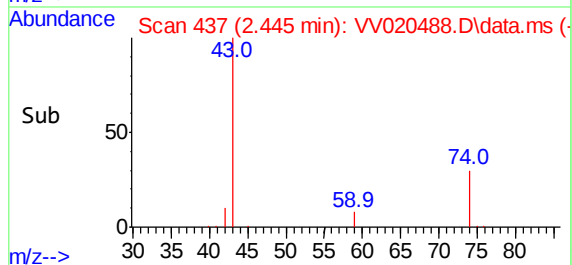
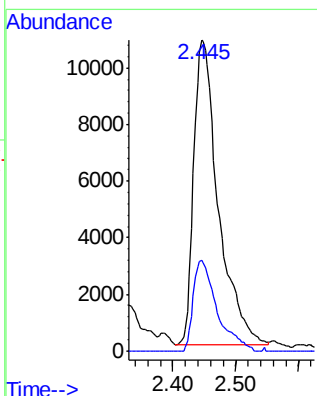
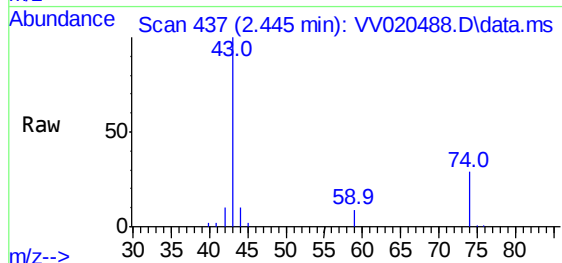




#15
Methyl Acetate
Concen: 3.75 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

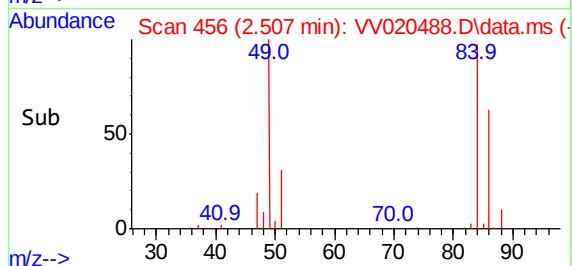
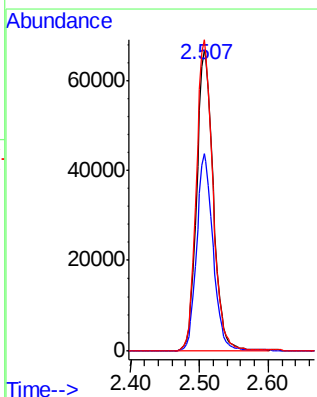
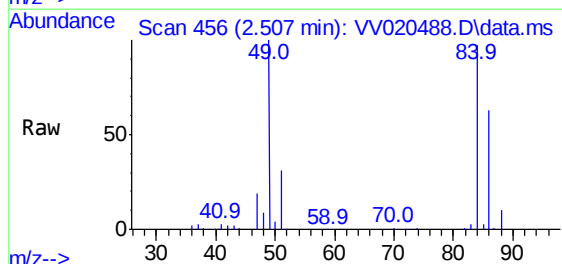
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

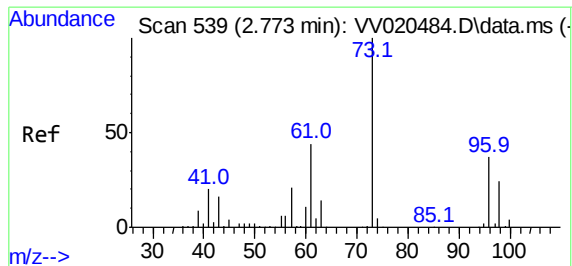
Tgt Ion: 43 Resp: 29188
Ion Ratio Lower Upper
43 100
74 28.7 26.6 40.0



#16
Methylene chloride
Concen: 4.17 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 84 Resp: 111167
Ion Ratio Lower Upper
84 100
86 65.4 46.5 86.3
49 103.2 79.2 147.2

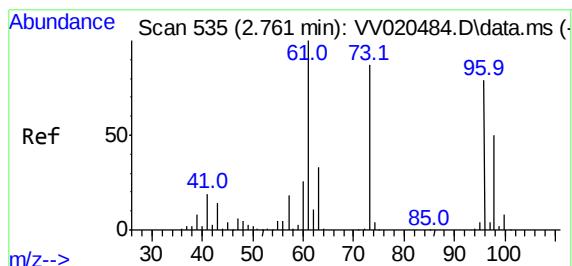
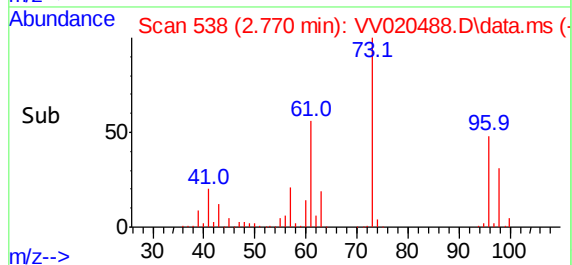
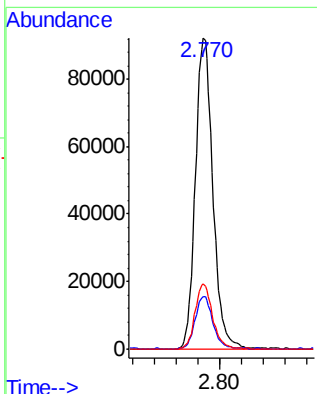
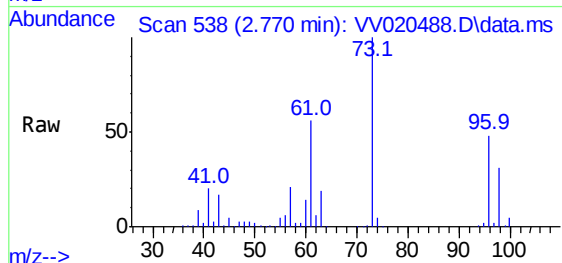




#17
Methyl tert-butyl Ether
Concen: 4.01 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

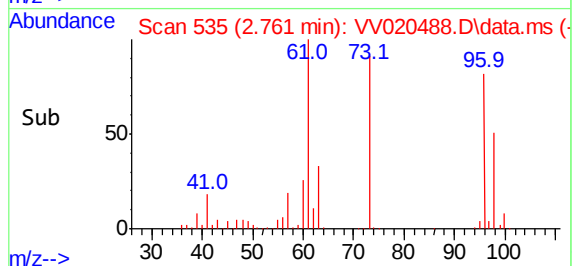
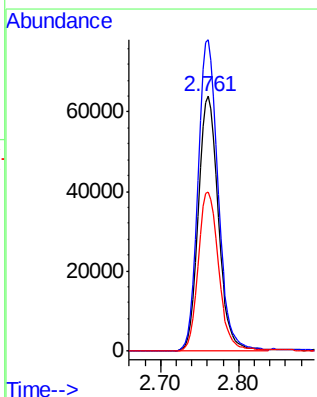
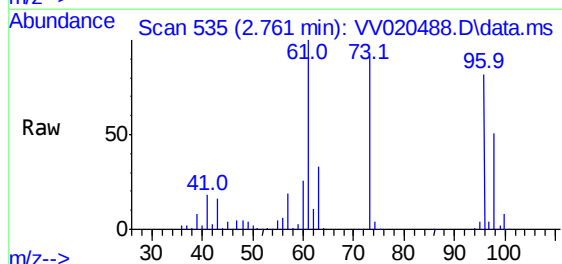
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

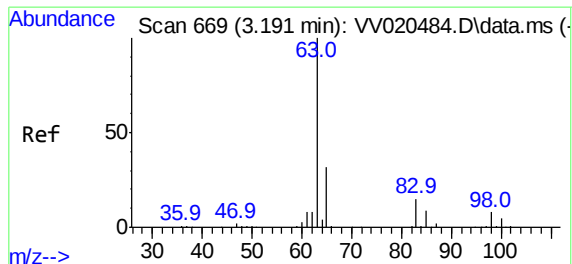
Tgt Ion: 73 Resp: 204697
Ion Ratio Lower Upper
73 100
43 17.1 18.3 27.5#
57 20.7 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.33 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 96 Resp: 112295
Ion Ratio Lower Upper
96 100
61 122.3 96.0 178.4
98 62.2 43.5 80.9

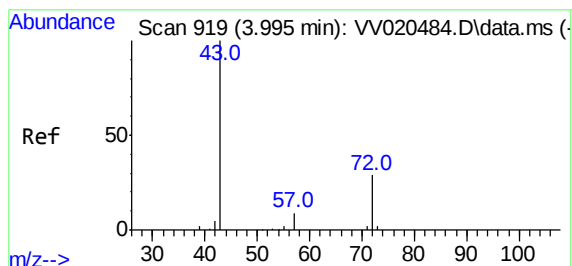
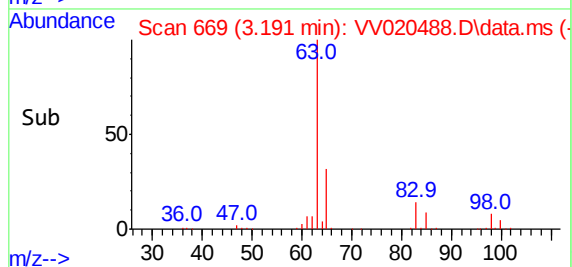
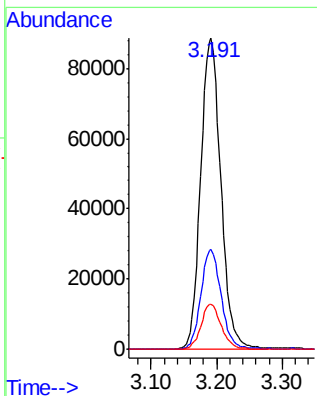
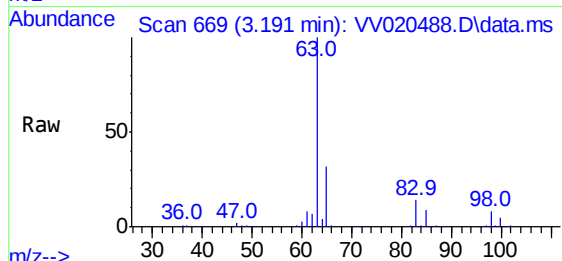




#19
1,1-Dichloroethane
Concen: 4.11 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

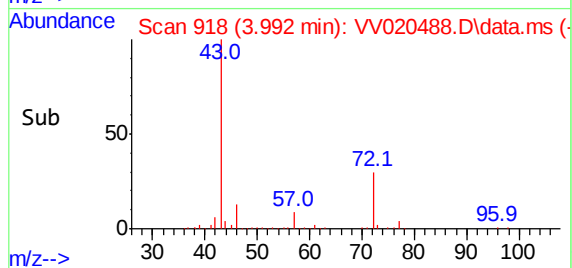
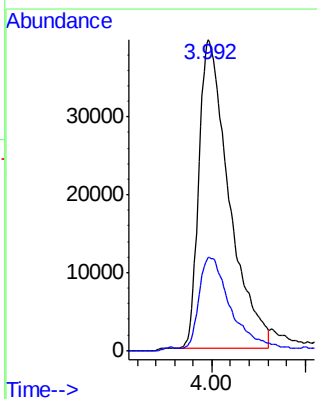
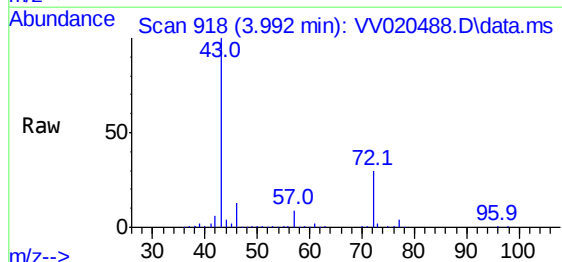
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

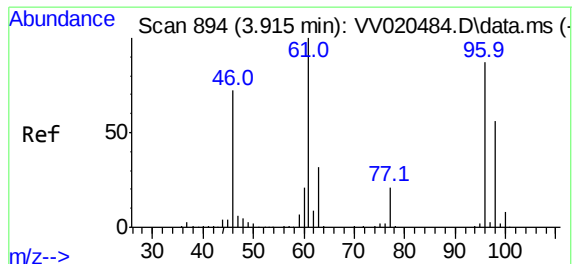
Tgt Ion: 63 Resp: 187663
Ion Ratio Lower Upper
63 100
65 32.1 21.4 39.8
83 14.3 10.4 19.4



#21
2-Butanone
Concen: 36.35 ug/L
RT: 3.992 min Scan# 918
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 43 Resp: 178207
Ion Ratio Lower Upper
43 100
72 31.3 13.0 38.9

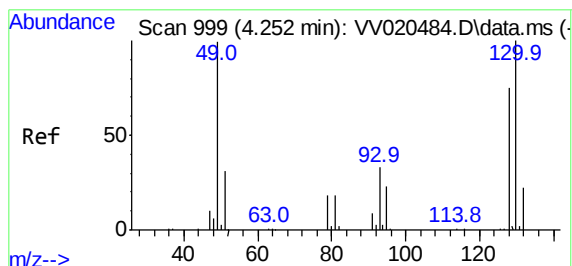
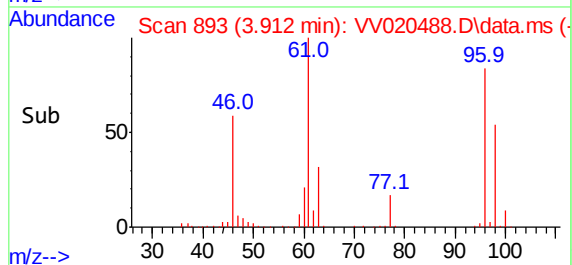
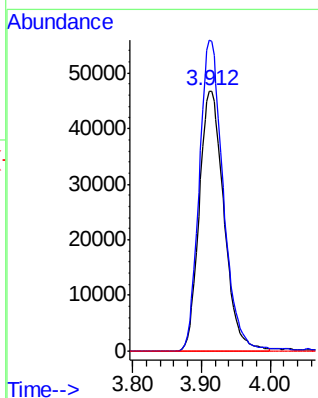
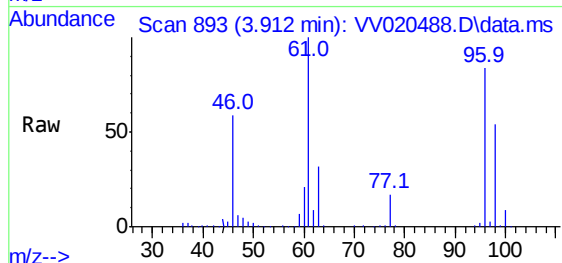




#22
cis-1,2-Dichloroethene
Concen: 4.30 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

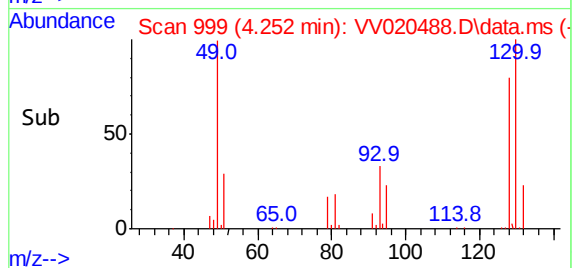
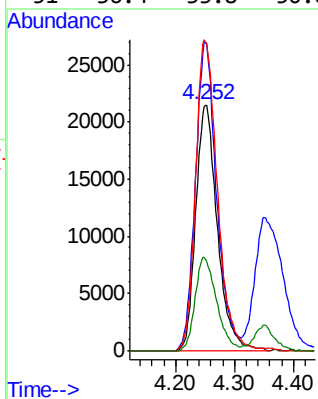
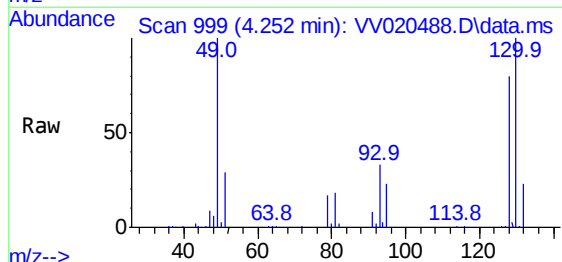
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

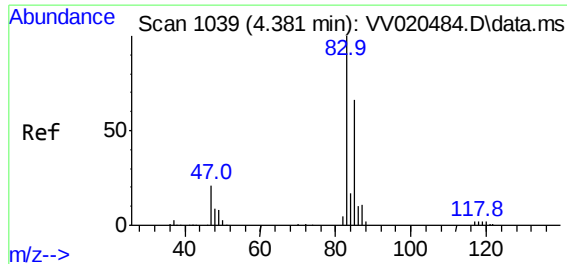
Tgt Ion: 96 Resp: 115995
Ion Ratio Lower Upper
96 100
61 119.5 89.6 166.4
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.69 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion:128 Resp: 55124
Ion Ratio Lower Upper
128 100
49 124.8 92.2 171.2
130 125.1 77.2 143.4
51 36.4 33.8 50.6

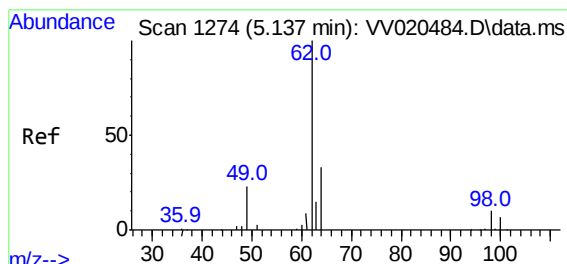
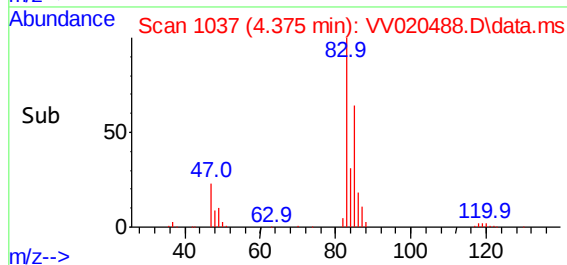
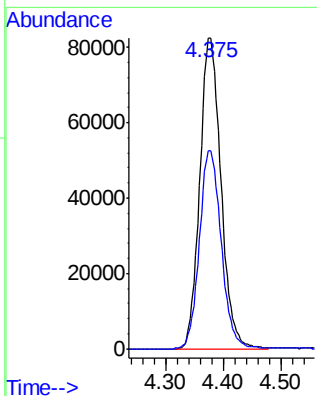
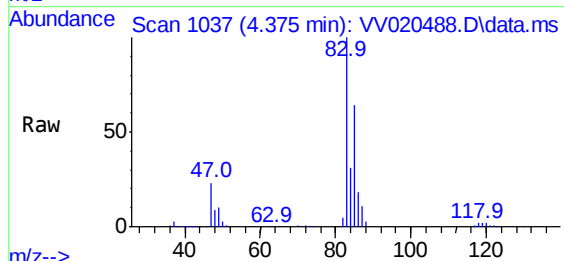




#25
Chloroform
Concen: 4.35 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

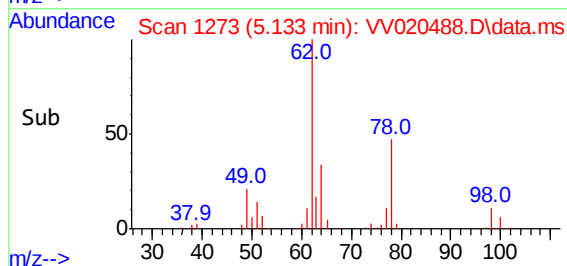
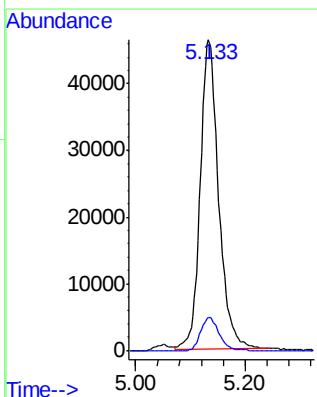
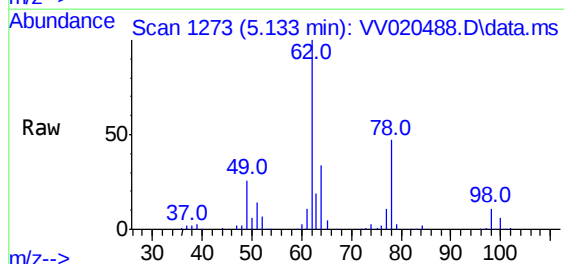
Instrument :
MSVOA_V
ClientSampled :
VSTD00545

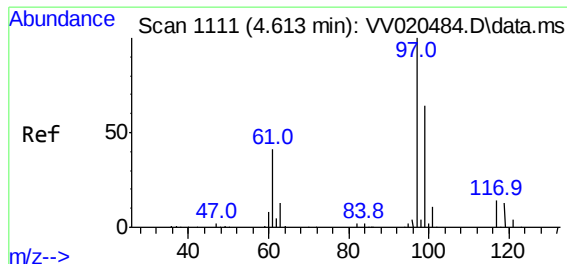
Tgt Ion: 83 Resp: 209952
Ion Ratio Lower Upper
83 100
85 63.7 47.3 87.9



#27
1,2-Dichloroethane
Concen: 3.95 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 62 Resp: 109215
Ion Ratio Lower Upper
62 100
98 10.7 7.0 10.6#

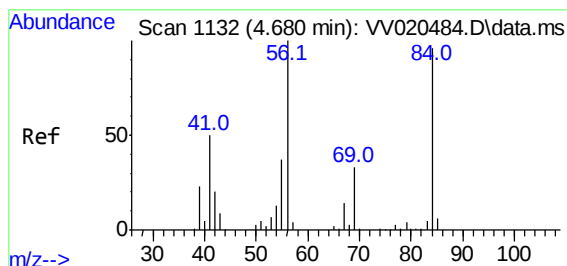
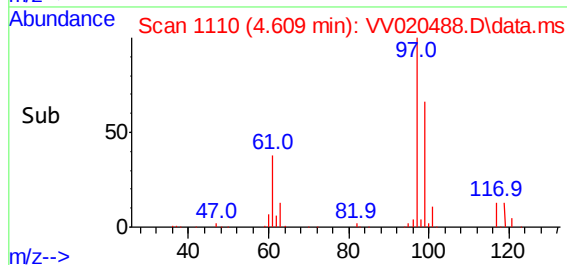
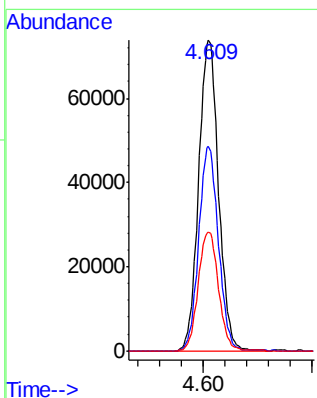
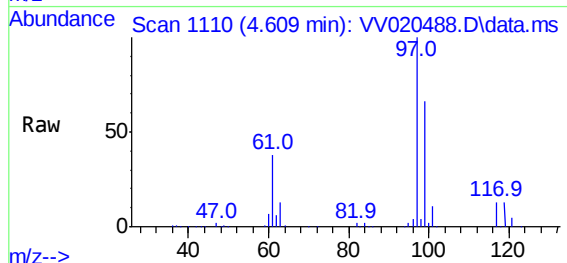




#29
1,1,1-Trichloroethane
Concen: 4.35 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

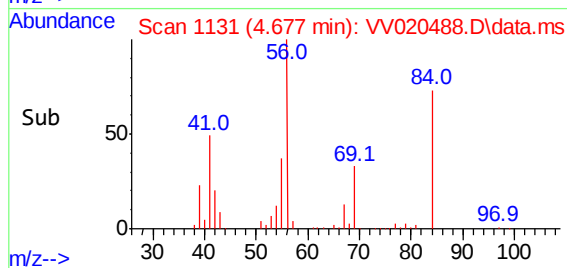
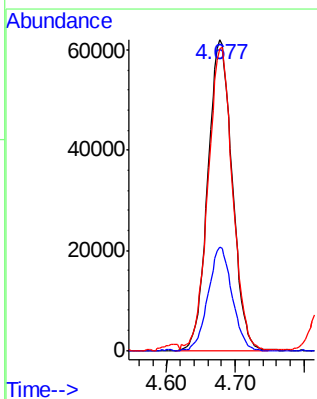
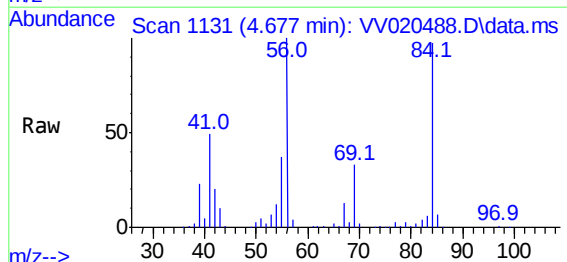
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

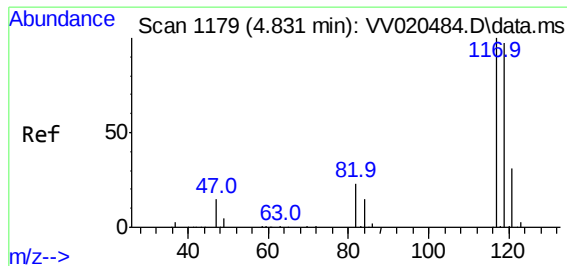
Tgt Ion: 97 Resp: 186737
Ion Ratio Lower Upper
97 100
99 65.1 50.6 76.0
61 39.2 35.7 53.5



#30
Cyclohexane
Concen: 3.95 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 56 Resp: 152281
Ion Ratio Lower Upper
56 100
69 32.6 25.4 38.2
84 98.1 73.0 109.4

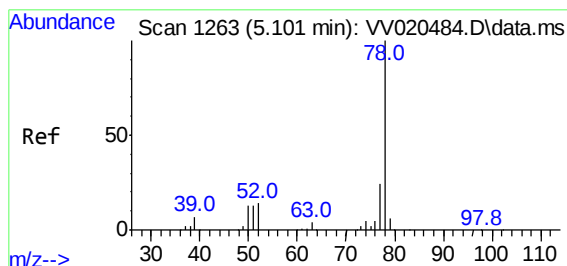
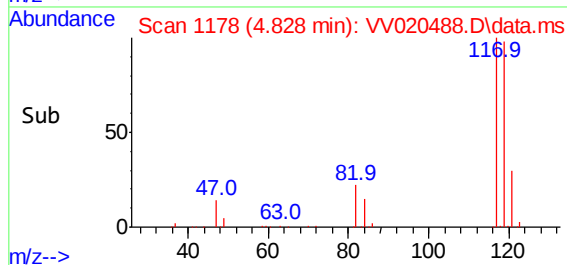
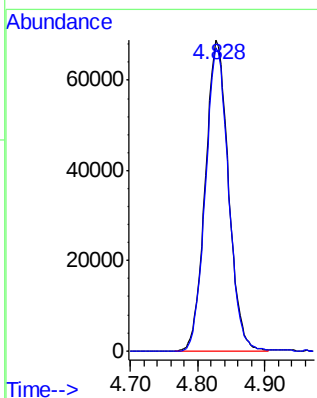
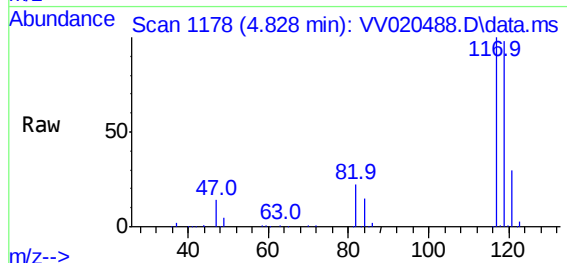




#31
Carbon tetrachloride
Concen: 4.51 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

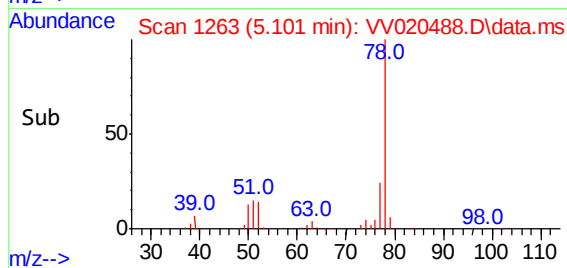
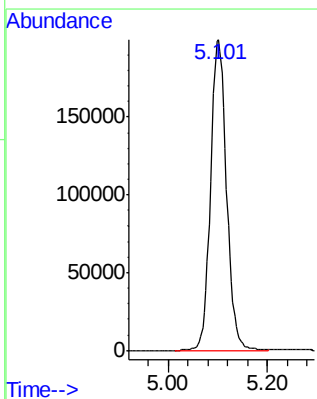
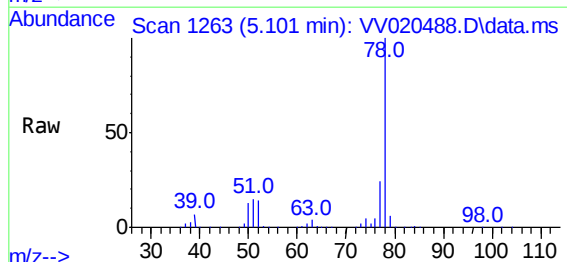
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

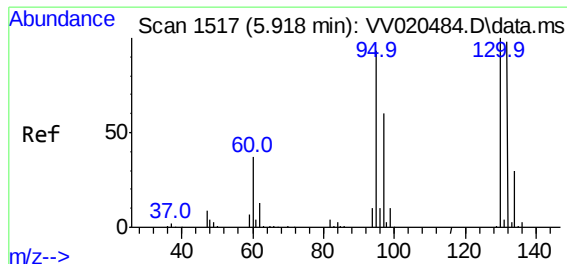
Tgt Ion:117 Resp: 165554
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3



#33
Benzene
Concen: 4.27 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 78 Resp: 444492

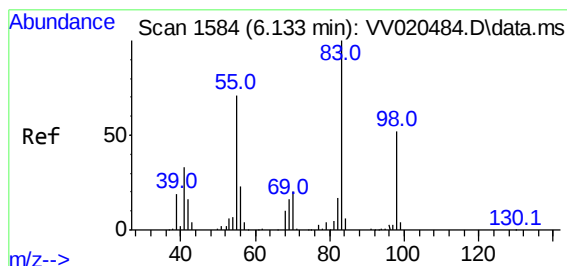
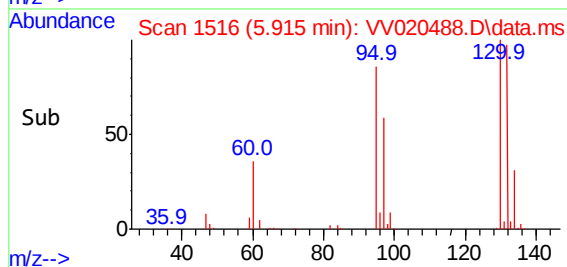
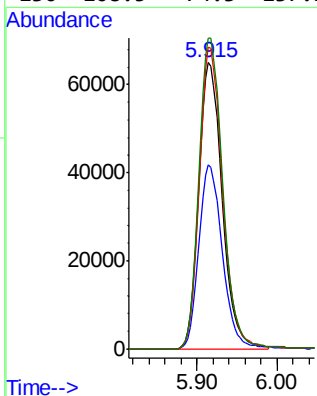
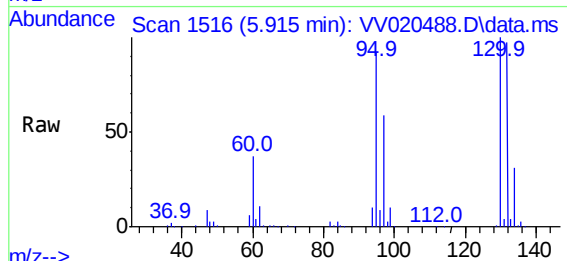




#34
Trichloroethene
Concen: 4.35 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

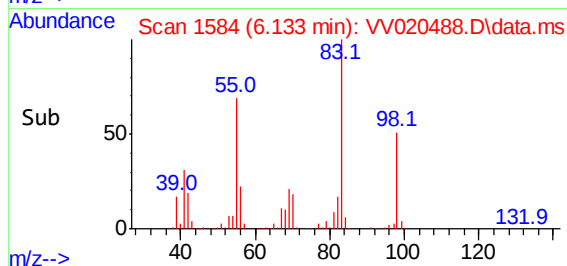
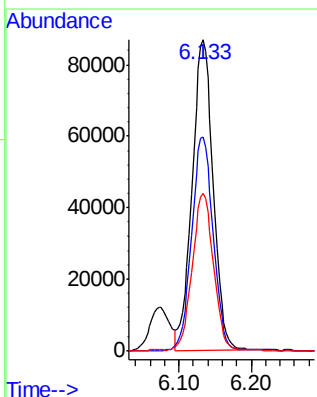
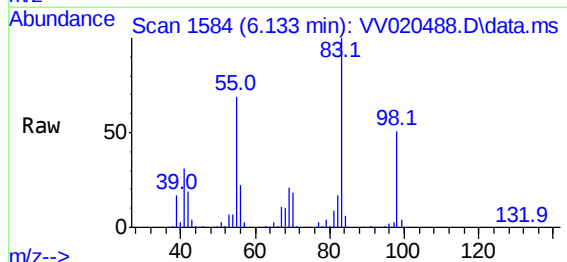
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

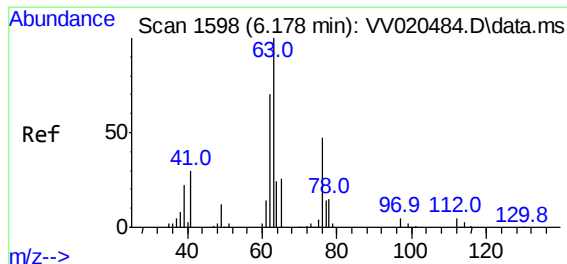
Tgt Ion: 95 Resp: 127300
Ion Ratio Lower Upper
95 100
97 64.2 46.1 85.5
132 105.2 71.7 133.1
130 108.5 74.3 137.9



#35
Methylcyclohexane
Concen: 4.16 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 83 Resp: 176207
Ion Ratio Lower Upper
83 100
55 70.1 61.8 92.8
98 51.1 39.0 58.6

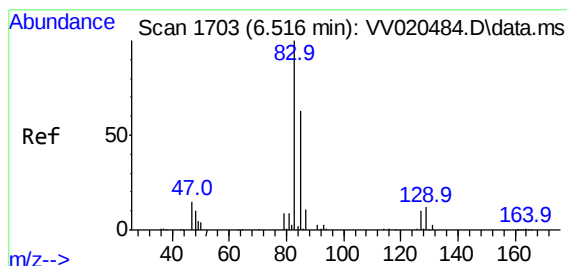
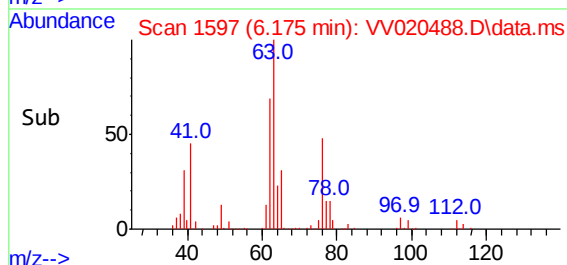
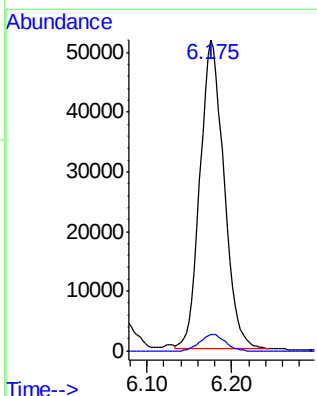
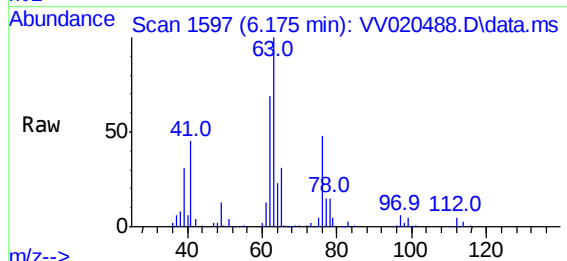




#37
1,2-Dichloropropane
Concen: 4.07 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

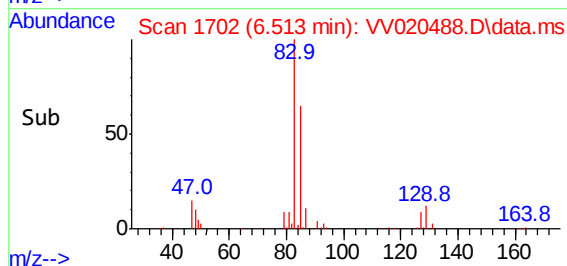
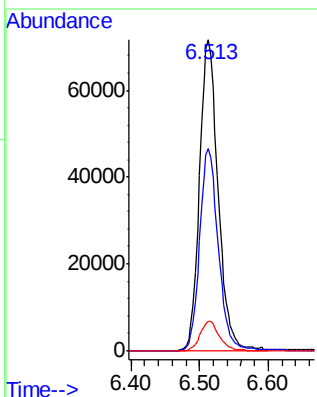
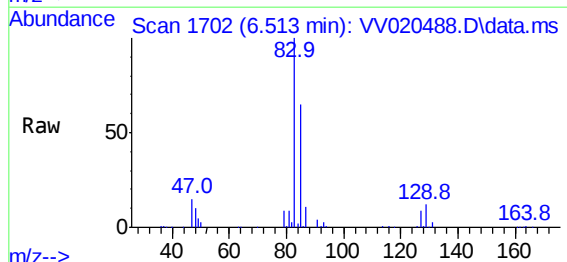
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

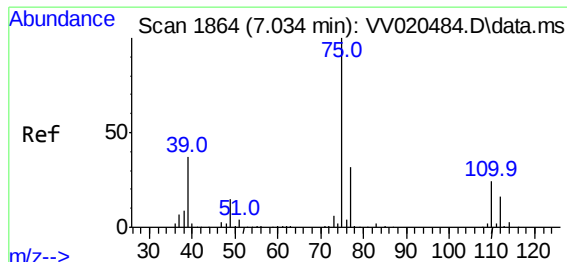
Tgt Ion: 63 Resp: 101149
Ion Ratio Lower Upper
63 100
112 5.5 4.5 6.7



#38
Bromodichloromethane
Concen: 4.15 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 83 Resp: 134167
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1
127 9.4 7.4 11.0

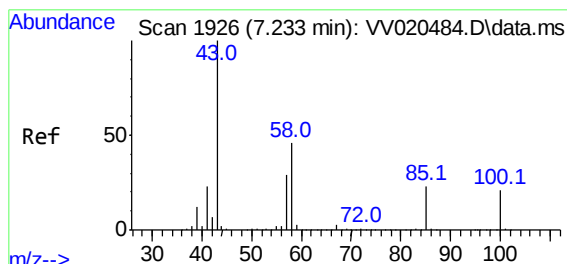
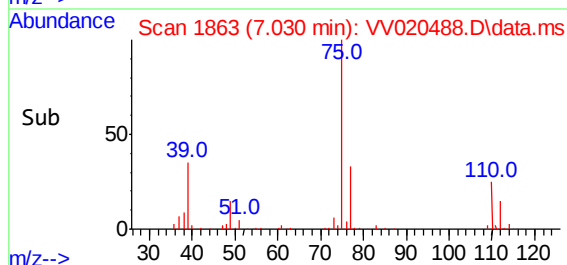
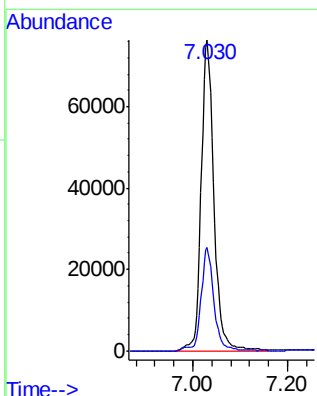
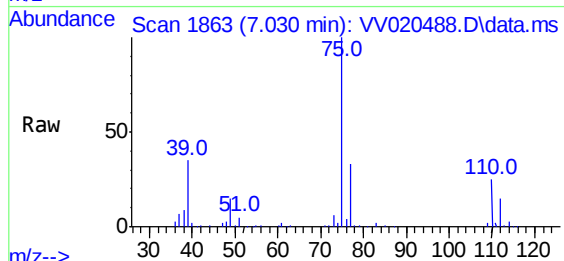




#39
cis-1,3-Dichloropropene
Concen: 4.06 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

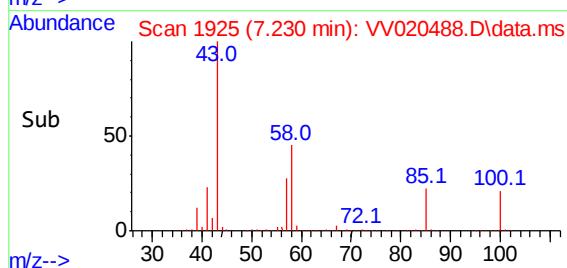
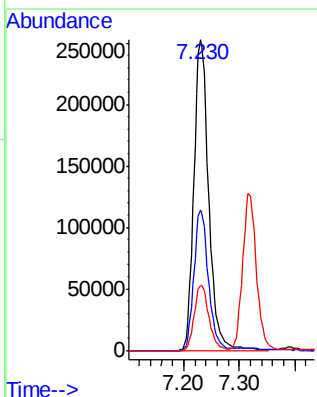
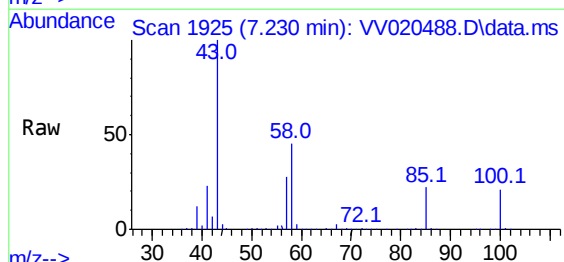
Instrument :
MSVOA_V
ClientSampled :
VSTD00545

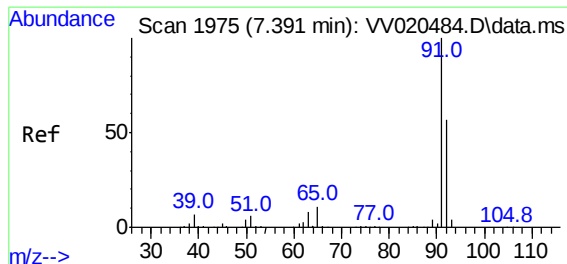
Tgt Ion: 75 Resp: 141750
Ion Ratio Lower Upper
75 100
77 33.5 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 37.78 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 43 Resp: 465450
Ion Ratio Lower Upper
43 100
58 44.2 31.2 46.8
100 20.7 13.6 20.4#

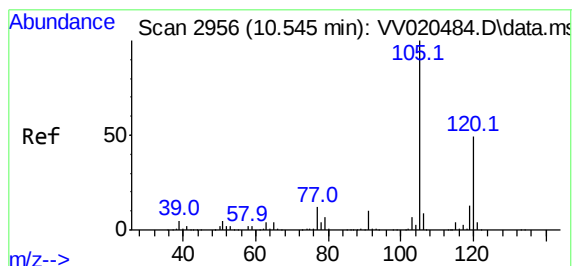
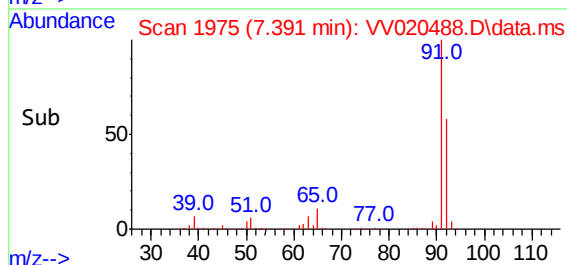
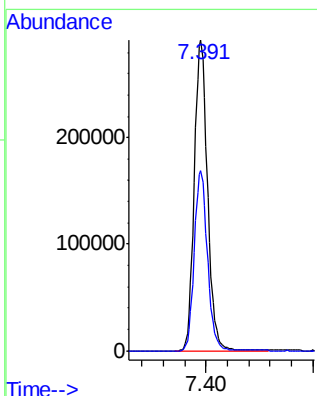
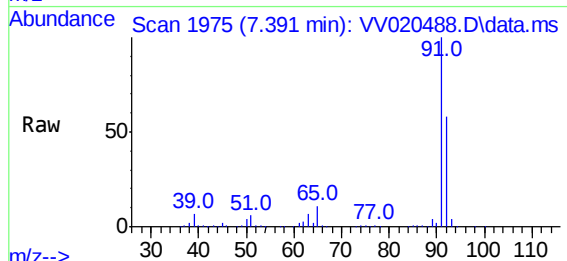




#42
Toluene
Concen: 4.44 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

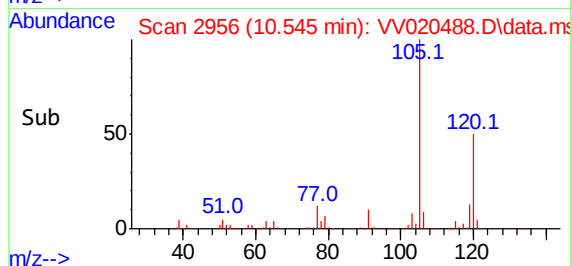
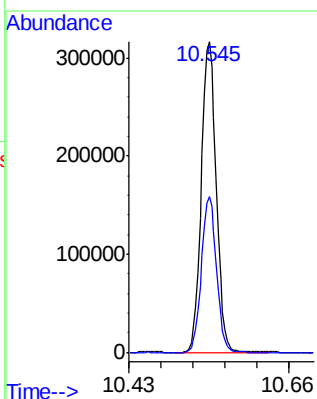
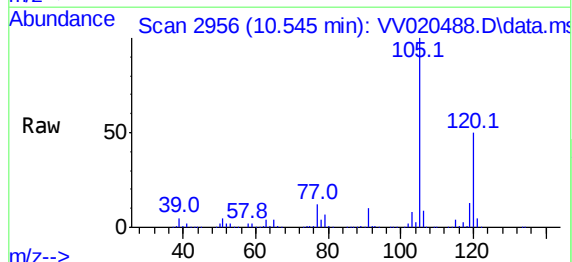
Instrument :
MSVOA_V
ClientSampled :
VSTD00545

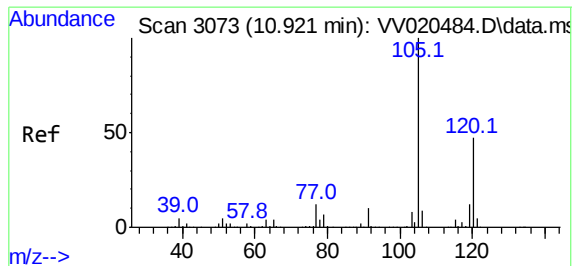
Tgt Ion: 91 Resp: 502108
Ion Ratio Lower Upper
91 100
92 57.8 40.8 75.8



#43
1,3,5-Trimethylbenzene
Concen: 4.62 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 105 Resp: 461048
Ion Ratio Lower Upper
105 100
120 50.6 39.4 59.2

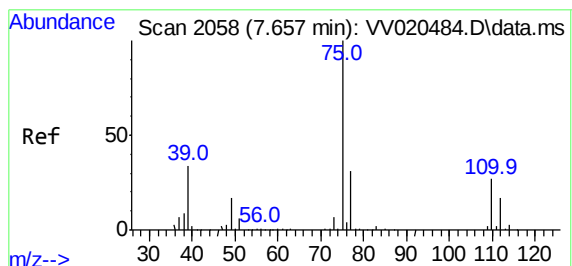
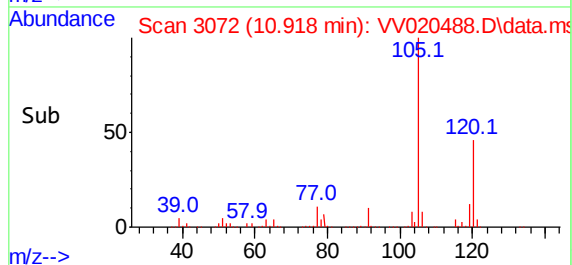
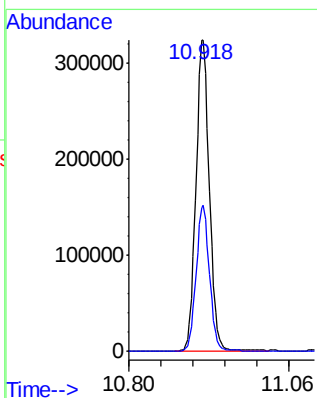
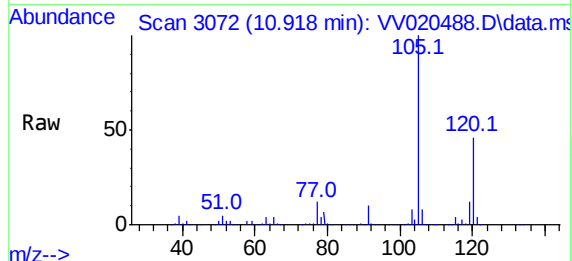




#44
1,2,4-Trimethylbenzene
Concen: 4.70 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

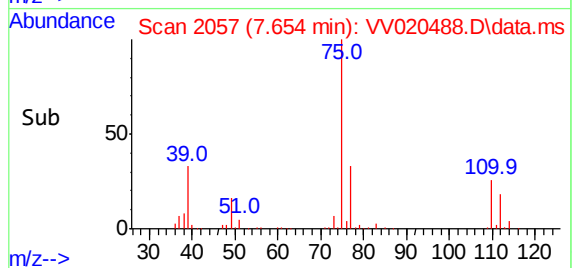
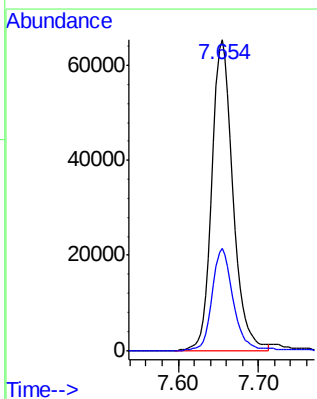
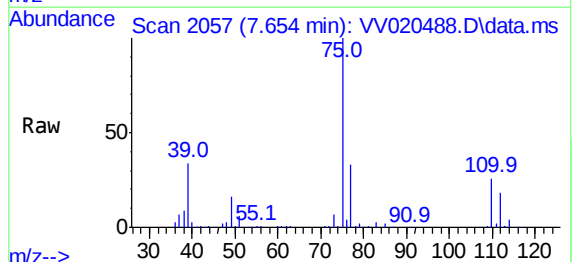
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

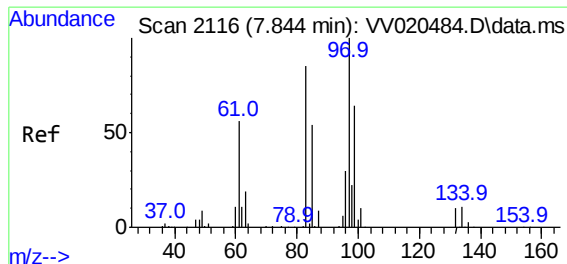
Tgt Ion:105 Resp: 478009
Ion Ratio Lower Upper
105 100
120 46.5 35.9 53.9



#46
trans-1,3-Dichloropropene
Concen: 4.02 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 75 Resp: 114428
Ion Ratio Lower Upper
75 100
77 32.7 22.5 41.7

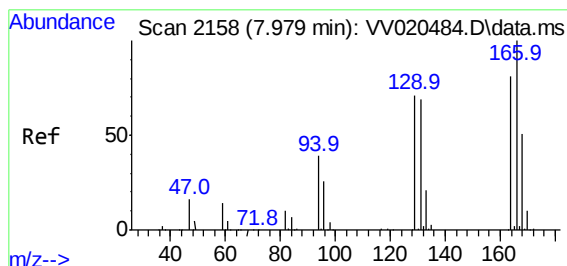
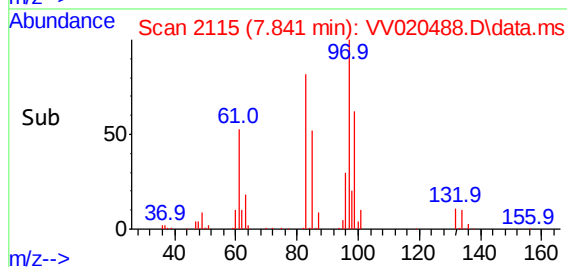
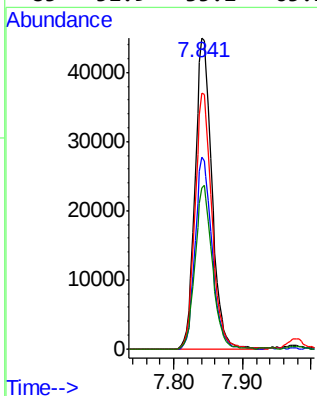
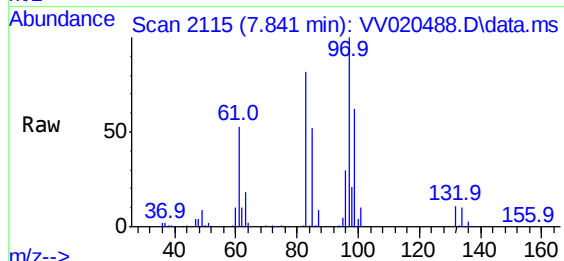




#47
1,1,2-Trichloroethane
Concen: 4.26 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

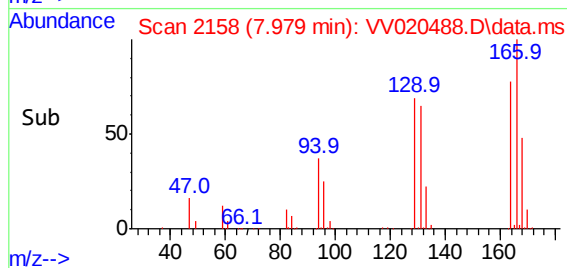
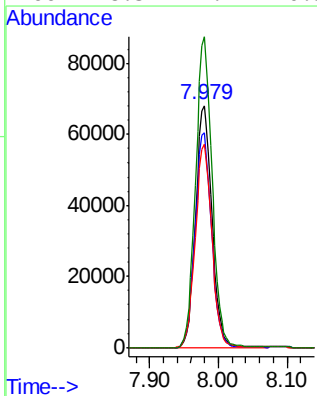
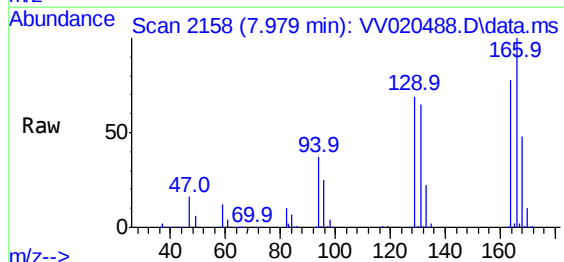
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

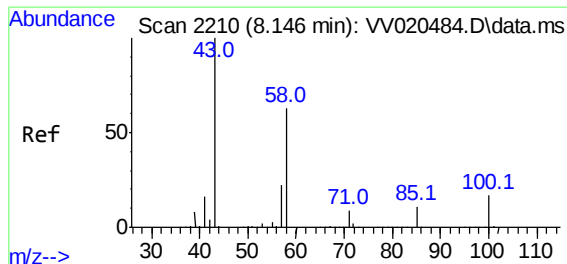
Tgt Ion:	97	Resp:	76545
Ion	Ratio	Lower	Upper
97	100		
99	61.7	39.5	73.4
83	82.3	52.6	97.6
85	51.9	35.1	65.1



#49
Tetrachloroethene
Concen: 4.67 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion:	164	Resp:	113087
Ion	Ratio	Lower	Upper
164	100		
129	88.9	65.0	120.8
131	84.0	63.6	118.2
166	128.5	91.7	170.3

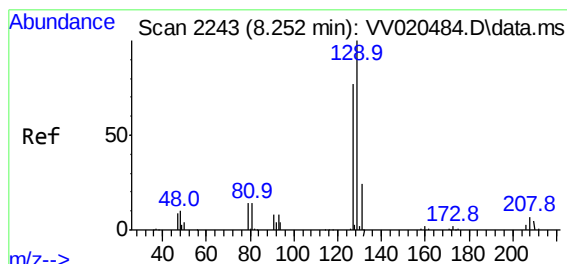
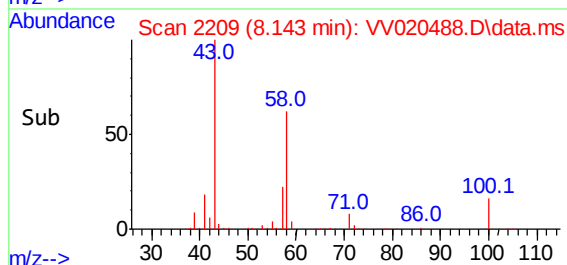
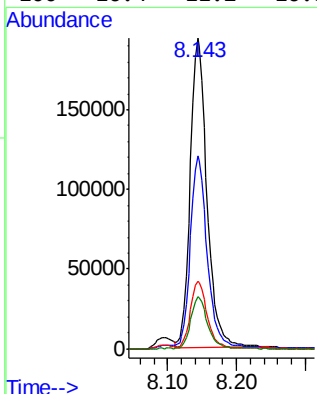
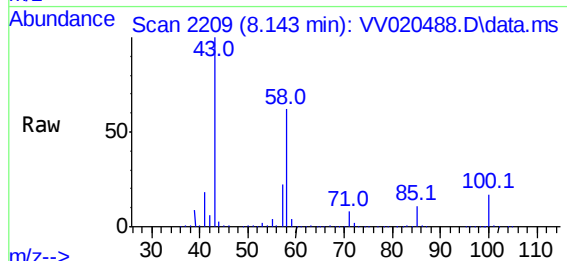




#50
2-Hexanone
Concen: 38.18 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

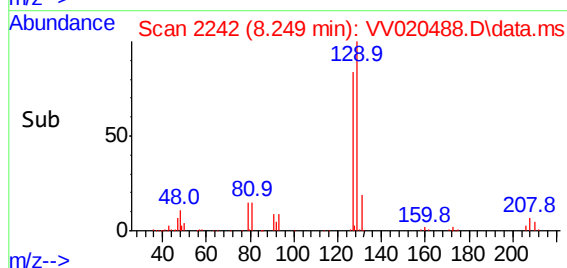
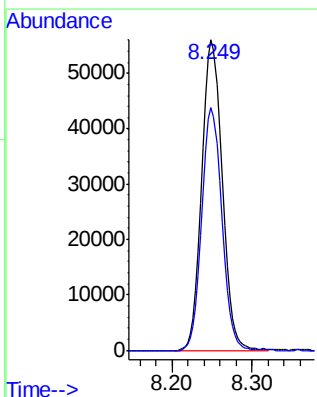
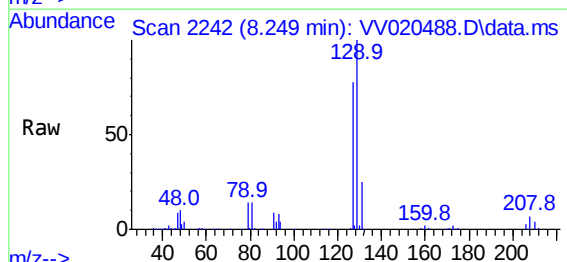
Instrument :
MSVOA_V
ClientSampled :
VSTD00545

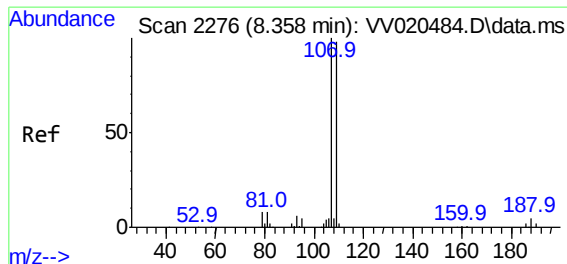
Tgt Ion: 43 Resp: 329747
Ion Ratio Lower Upper
43 100
58 61.9 41.6 62.4
57 21.4 15.4 23.0
100 16.4 11.2 16.8



#51
Dibromochloromethane
Concen: 4.58 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 129 Resp: 95681
Ion Ratio Lower Upper
129 100
127 78.2 56.3 104.5

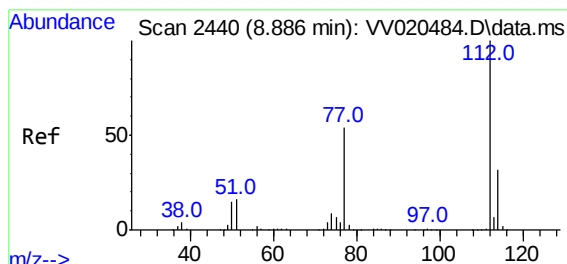
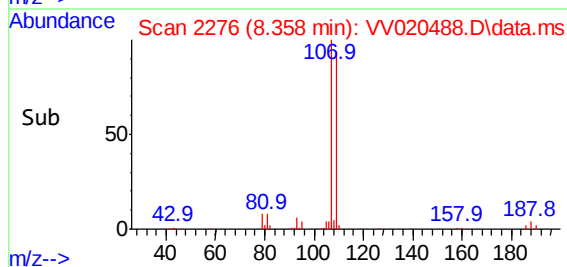
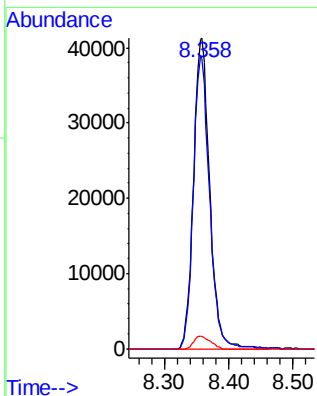
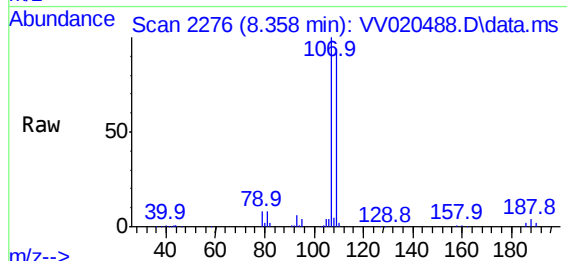




#52
1,2-Dibromoethane
Concen: 4.44 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

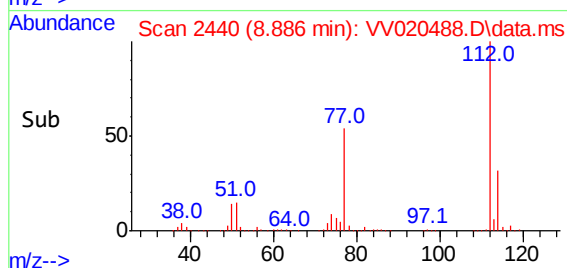
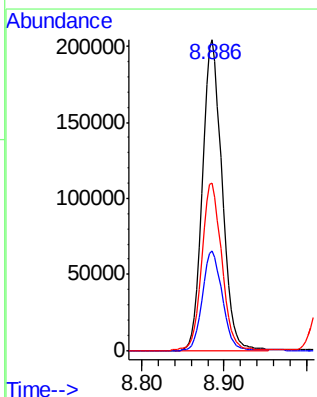
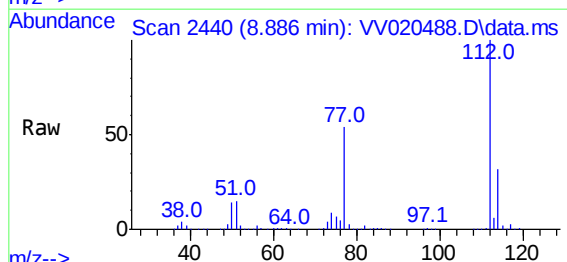
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

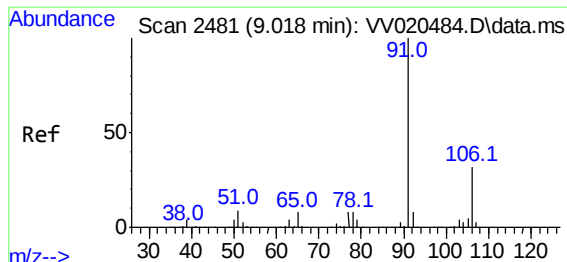
Tgt Ion:107 Resp: 72202
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.7
188 4.0 3.7 5.5



#53
Chlorobenzene
Concen: 4.48 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion:112 Resp: 334138
Ion Ratio Lower Upper
112 100
114 32.0 23.2 43.2
77 53.8 45.6 68.4

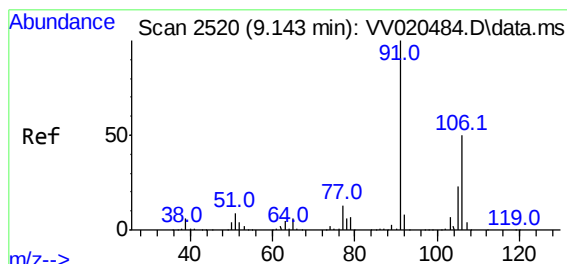
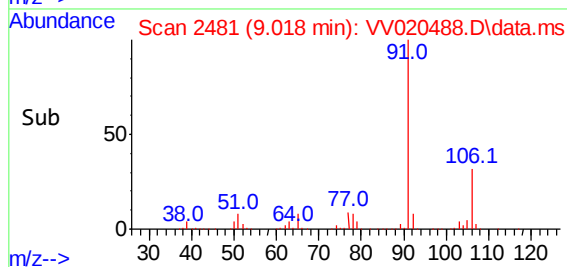
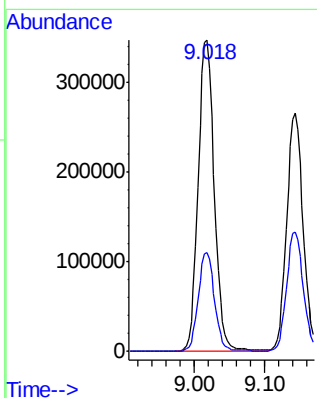
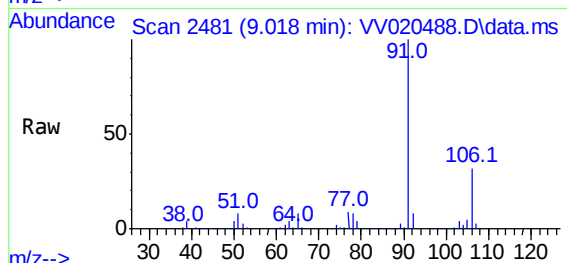




#54
Ethylbenzene
Concen: 4.41 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

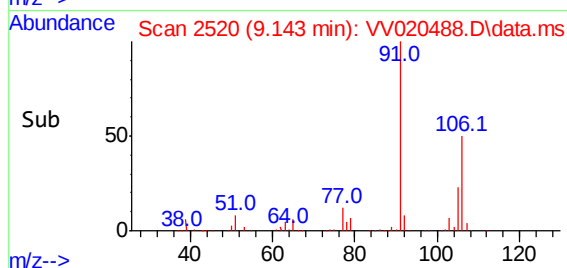
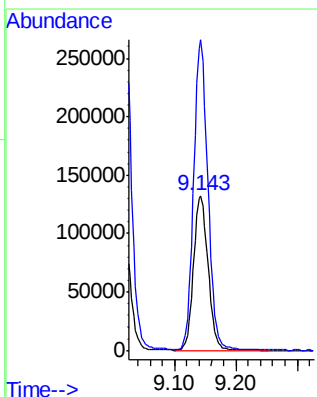
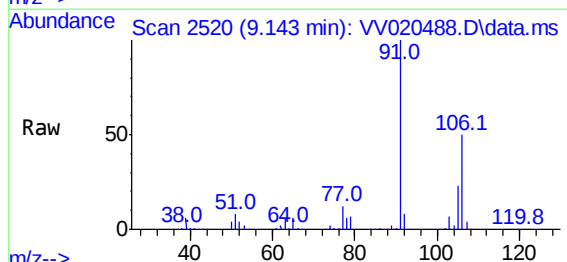
Instrument :
MSVOA_V
ClientSampled :
VSTD00545

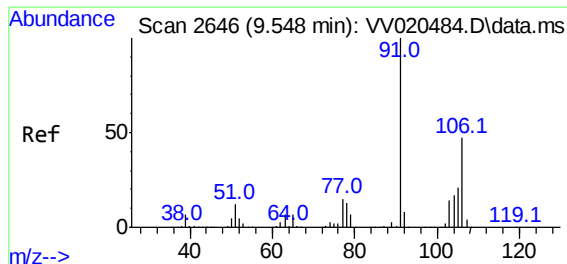
Tgt Ion: 91 Resp: 545964
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.2



#55
m,p-xylene
Concen: 4.65 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 106 Resp: 216859
Ion Ratio Lower Upper
106 100
91 200.2 141.3 262.3

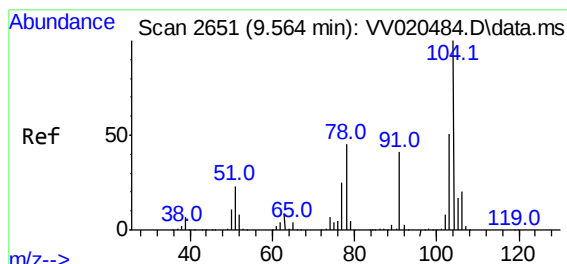
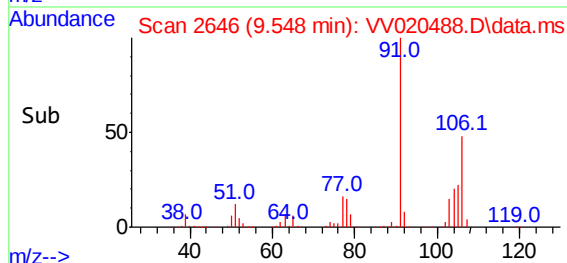
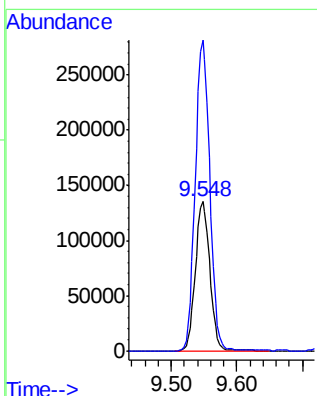
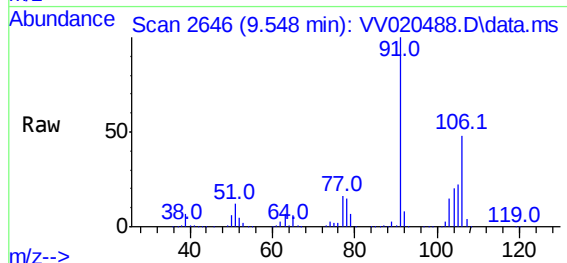




#56
o-xylene
Concen: 4.58 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

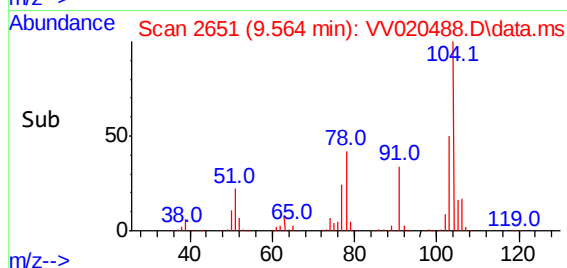
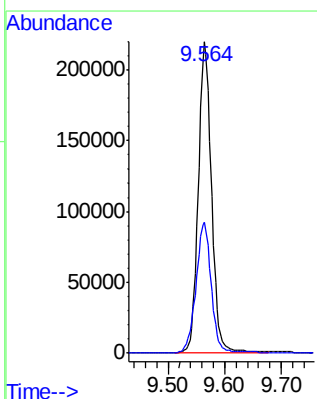
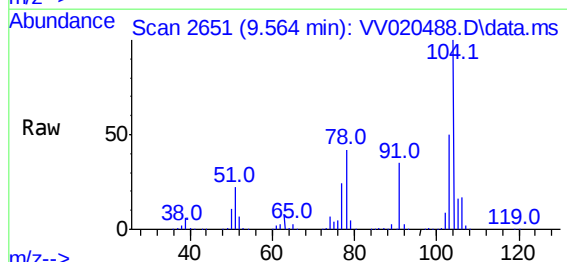
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

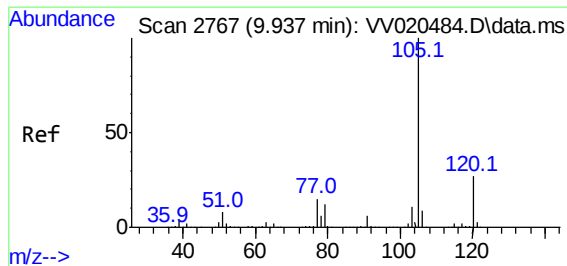
Tgt Ion:106 Resp: 205052
Ion Ratio Lower Upper
106 100
91 208.7 153.9 285.7



#57
Styrene
Concen: 4.70 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion:104 Resp: 353740
Ion Ratio Lower Upper
104 100
78 41.8 34.0 63.2

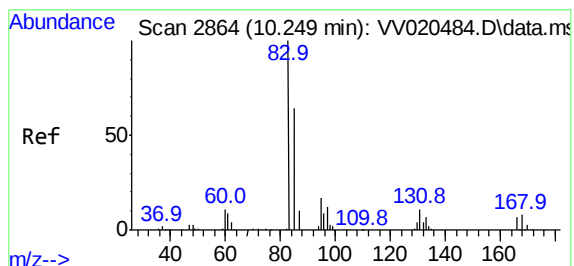
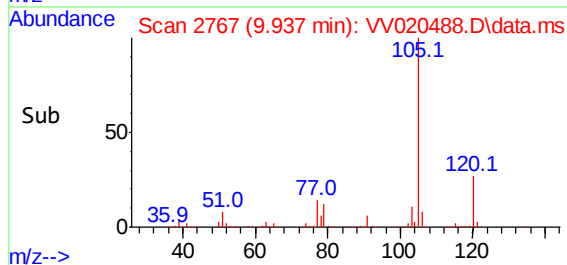
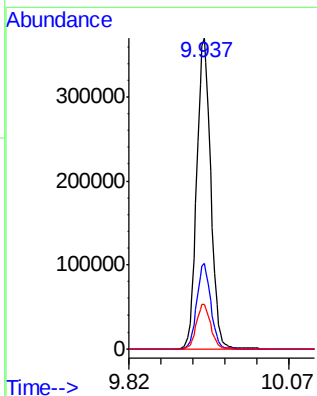
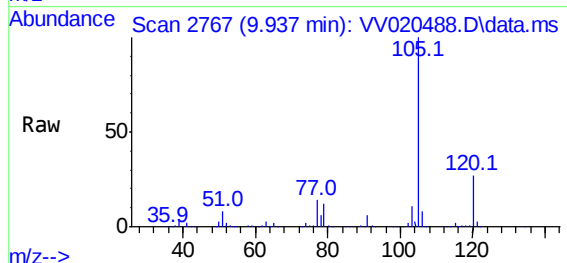




#58
Isopropylbenzene
Concen: 4.59 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

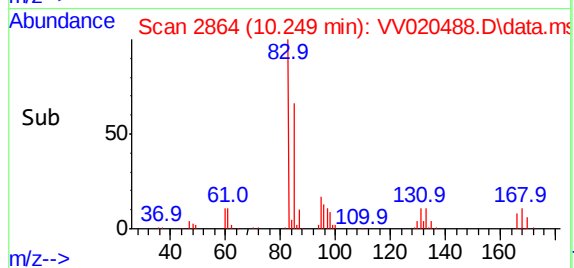
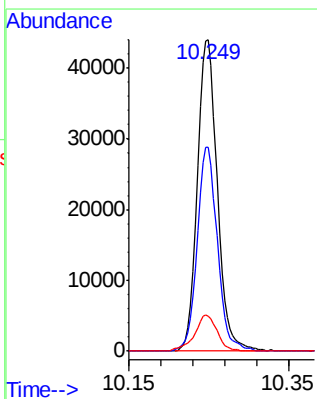
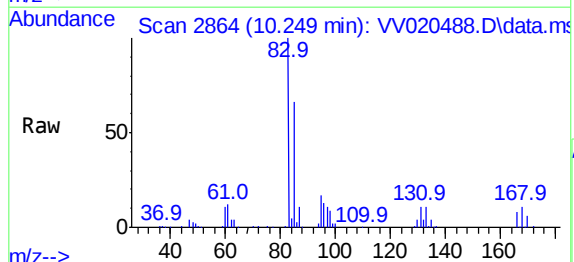
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

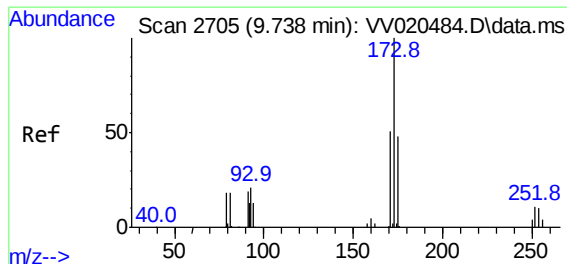
Tgt Ion:105 Resp: 558272
Ion Ratio Lower Upper
105 100
120 27.3 21.1 31.7
77 14.6 13.0 19.6



#60
1,1,2,2-Tetrachloroethane
Concen: 3.85 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 83 Resp: 73328
Ion Ratio Lower Upper
83 100
85 65.5 44.4 82.5
131 11.2 9.2 13.8

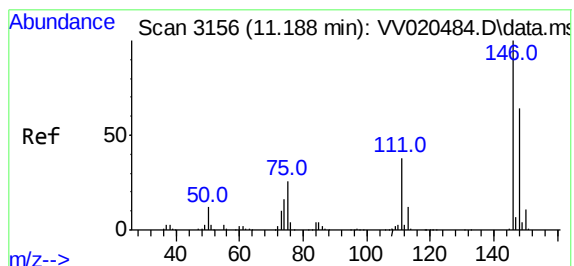
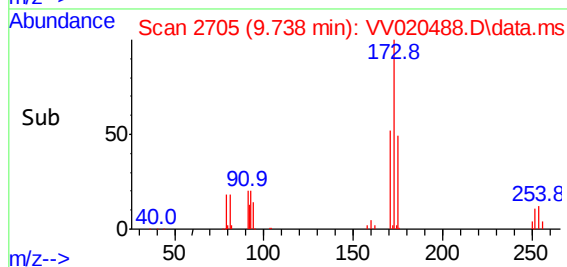
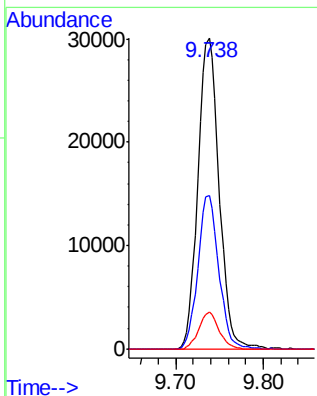
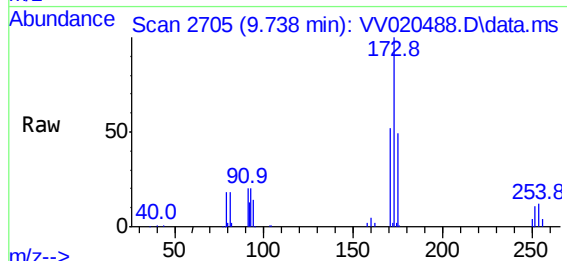




#62
Bromoform
Concen: 4.40 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

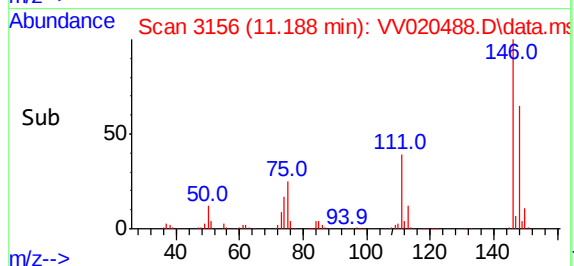
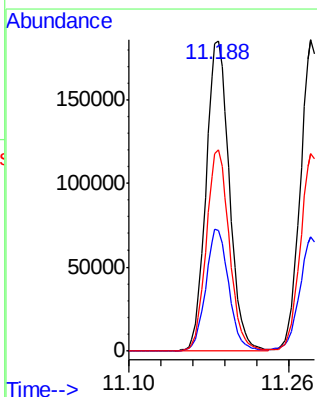
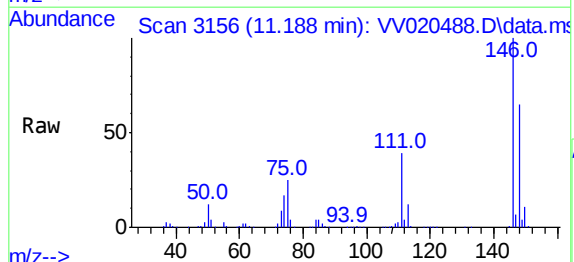
Instrument :
MSVOA_V
ClientSampled :
VSTD00545

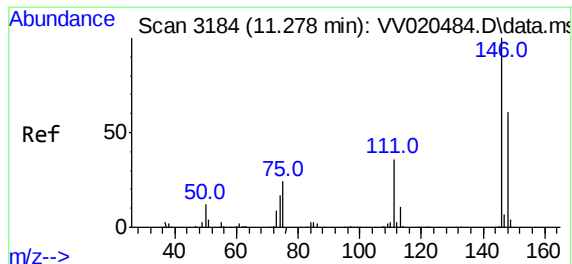
Tgt Ion:	173	Resp:	50499
Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.6	59.4
254	11.2	8.4	12.6



#63
1,3-Dichlorobenzene
Concen: 4.44 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

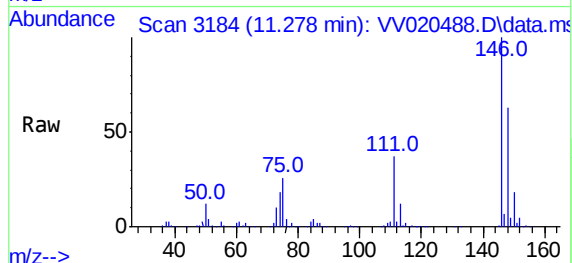
Tgt Ion:	146	Resp:	289468
Ion	Ratio	Lower	Upper
146	100		
111	38.8	27.3	50.7
148	64.8	45.6	84.6





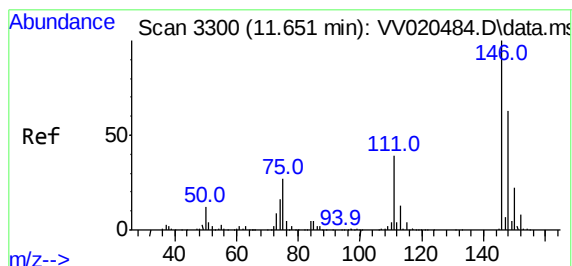
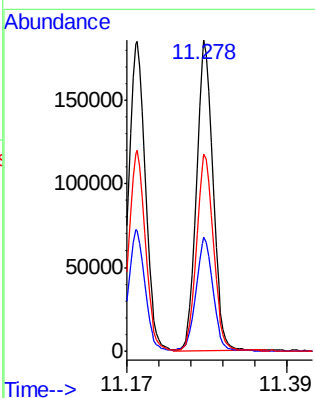
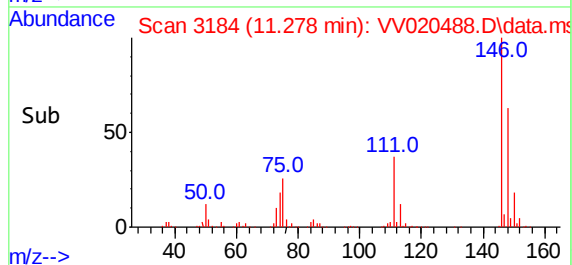
#64
 1,4-Dichlorobenzene
 Concen: 4.36 ug/L
 RT: 11.278 min Scan# 3184
 Delta R.T. 0.000 min
 Lab File: VV020488.D
 Acq: 09 Mar 2021 23:05

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD00545

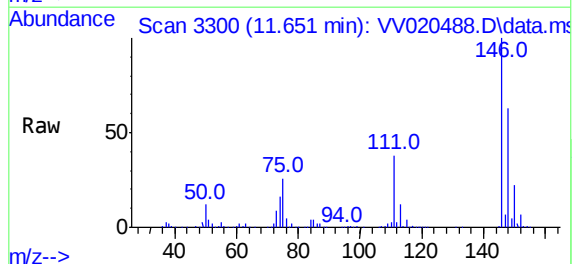


Tgt Ion:146 Resp: 288340

Ion	Ratio	Lower	Upper
146	100		
111	36.6	27.4	51.0
148	63.5	43.8	81.4

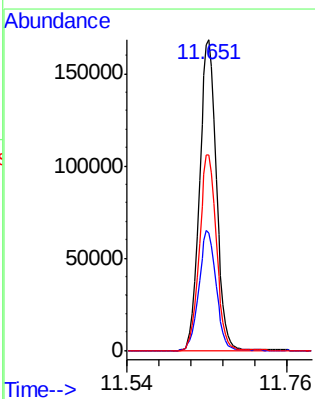
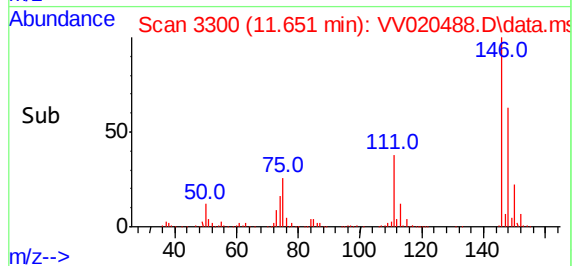


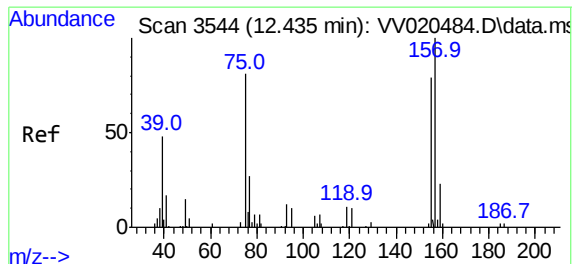
#66
 1,2-Dichlorobenzene
 Concen: 4.47 ug/L
 RT: 11.651 min Scan# 3300
 Delta R.T. 0.000 min
 Lab File: VV020488.D
 Acq: 09 Mar 2021 23:05



Tgt Ion:146 Resp: 264509

Ion	Ratio	Lower	Upper
146	100		
111	37.9	33.0	49.4
148	62.8	49.9	74.9

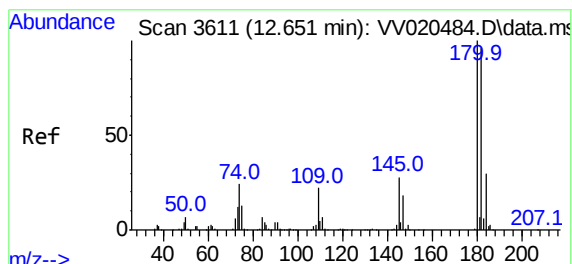
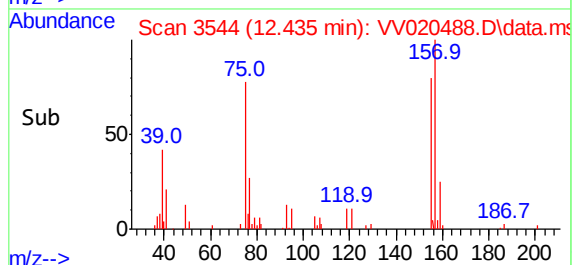
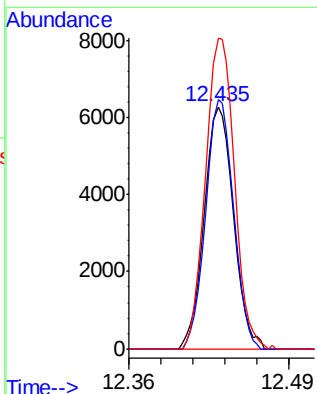
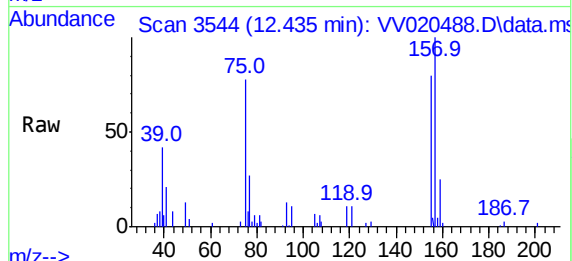




#67
1,2-Dibromo-3-chloropropane
Concen: 3.54 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

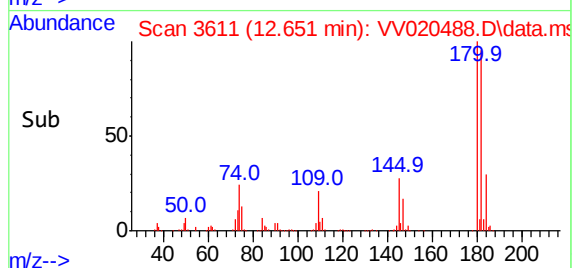
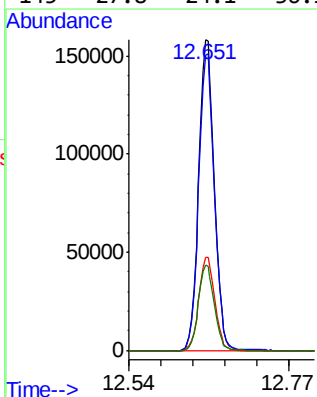
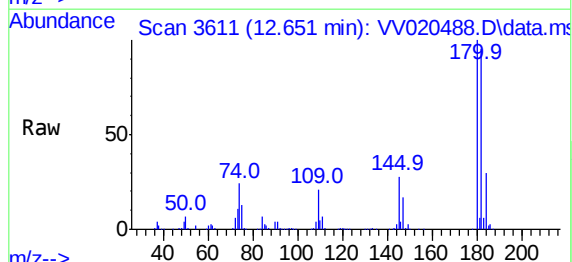
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

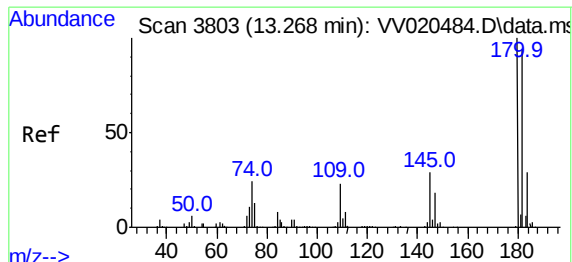
Tgt Ion: 75 Resp: 10288
Ion Ratio Lower Upper
75 100
155 103.2 68.7 103.1#
157 128.6 87.8 131.8



#68
1,3,5-Trichlorobenzene
Concen: 4.49 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion: 180 Resp: 237161
Ion Ratio Lower Upper
180 100
182 96.0 77.1 115.7
184 30.6 25.2 37.8
145 27.8 24.1 36.1

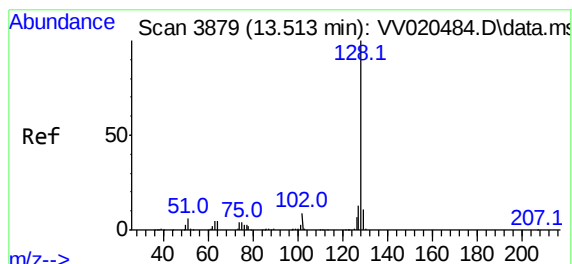
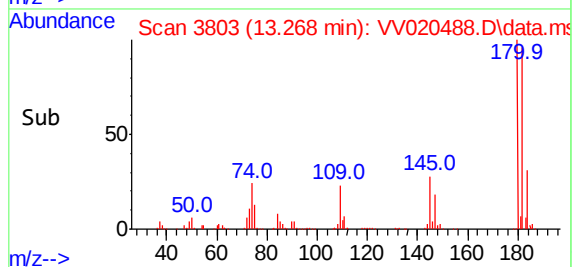
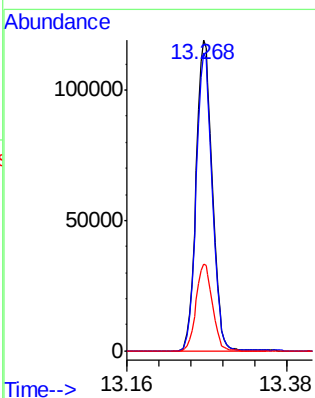
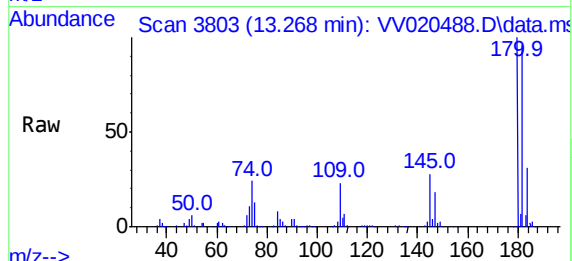




#69
1,2,4-trichlorobenzene
Concen: 4.39 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

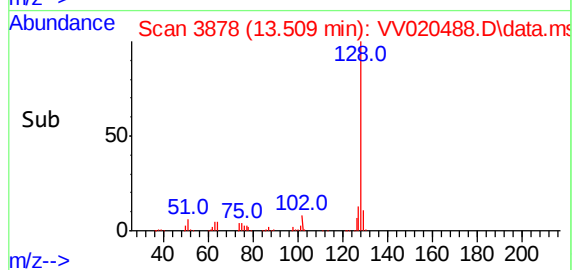
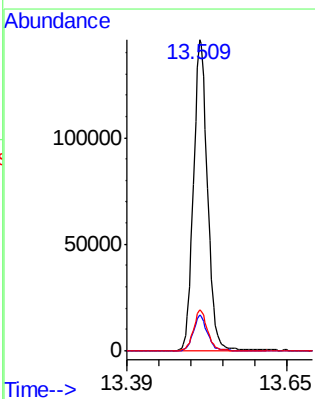
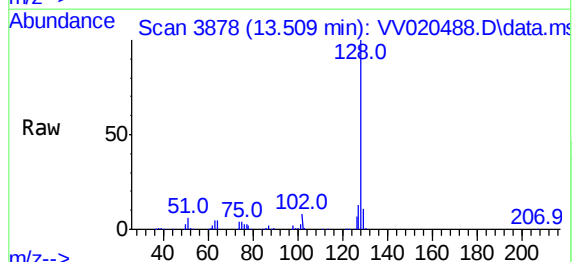
Instrument :
MSVOA_V
ClientSampleId :
VSTD00545

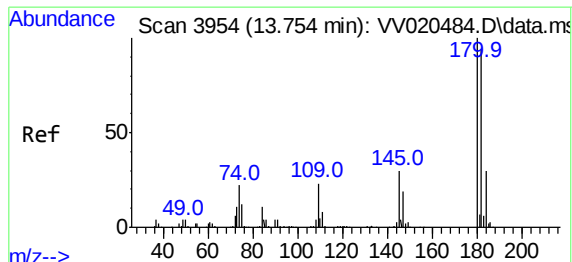
Tgt Ion:180 Resp: 184541
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.2
145 28.2 24.2 36.2



#70
Naphthalene
Concen: 3.87 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.003 min
Lab File: VV020488.D
Acq: 09 Mar 2021 23:05

Tgt Ion:128 Resp: 226356
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 12.7 11.0 16.6





#71
 1,2,3-Trichlorobenzene
 Concen: 4.56 ug/L
 RT: 13.750 min Scan# 3953
 Delta R.T. -0.003 min
 Lab File: VV020488.D
 Acq: 09 Mar 2021 23:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Tgt Ion:180 Resp: 167042
 Ion Ratio Lower Upper
 180 100
 182 94.4 74.2 111.4
 145 29.6 26.0 39.0

