

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030921\
 Data File : VW020484.D
 Acq On : 09 Mar 2021 20:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Mar 10 00:23:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 10 00:20:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	263737	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	260571	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	147508	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	94490	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.568	69	72589	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.108	63	171606	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	3.912	46	166232	51.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.34%
24) Chloroform-d	4.352	84	167959	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.037	65	78203	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.053	84	328168	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.076	67	93814	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.320	98	330562	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
45) trans-1,3-Dichloroprop...	7.629	79	37519	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
48) 2-Hexanone-d5	8.095	63	138775	53.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.20%
59) 1,1,2,2-Tetrachloroeth...	10.223	84	71959	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
65) 1,2-Dichlorobenzene-d4	11.632	152	135113	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	156305	4.76	ug/L	100
3) Chloromethane	1.240	50	125103	4.31	ug/L	96
5) Vinyl chloride	1.310	62	140842	4.55	ug/L	99
6) Bromomethane	1.523	94	87830	4.39	ug/L	99
8) Chloroethane	1.584	64	81309	4.36	ug/L	98
9) Trichlorofluoromethane	1.754	101	210972	4.86	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	116176	5.03	ug/L	94
12) 1,1-Dichloroethene	2.117	96	109744	4.89	ug/L	78
13) Acetone	2.208	43	136586	46.83	ug/L #	24
14) Carbon disulfide	2.294	76	298851	4.32	ug/L	98
15) Methyl Acetate	2.445	43	32769	4.64	ug/L	94
16) Methylene chloride	2.510	84	115045	4.76	ug/L	93
17) Methyl tert-butyl Ether	2.773	73	229444	4.95	ug/L #	93
18) trans-1,2-Dichloroethene	2.761	96	113984	4.85	ug/L	93
19) 1,1-Dichloroethane	3.191	63	193636	4.68	ug/L	99
21) 2-Butanone	3.995	43	228692	51.41	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	120501	4.93	ug/L	89
23) Bromochloromethane	4.252	128	57732	5.41	ug/L	91
25) Chloroform	4.381	83	214190	4.89	ug/L	99
27) 1,2-Dichloroethane	5.137	62	121683	4.85	ug/L	97

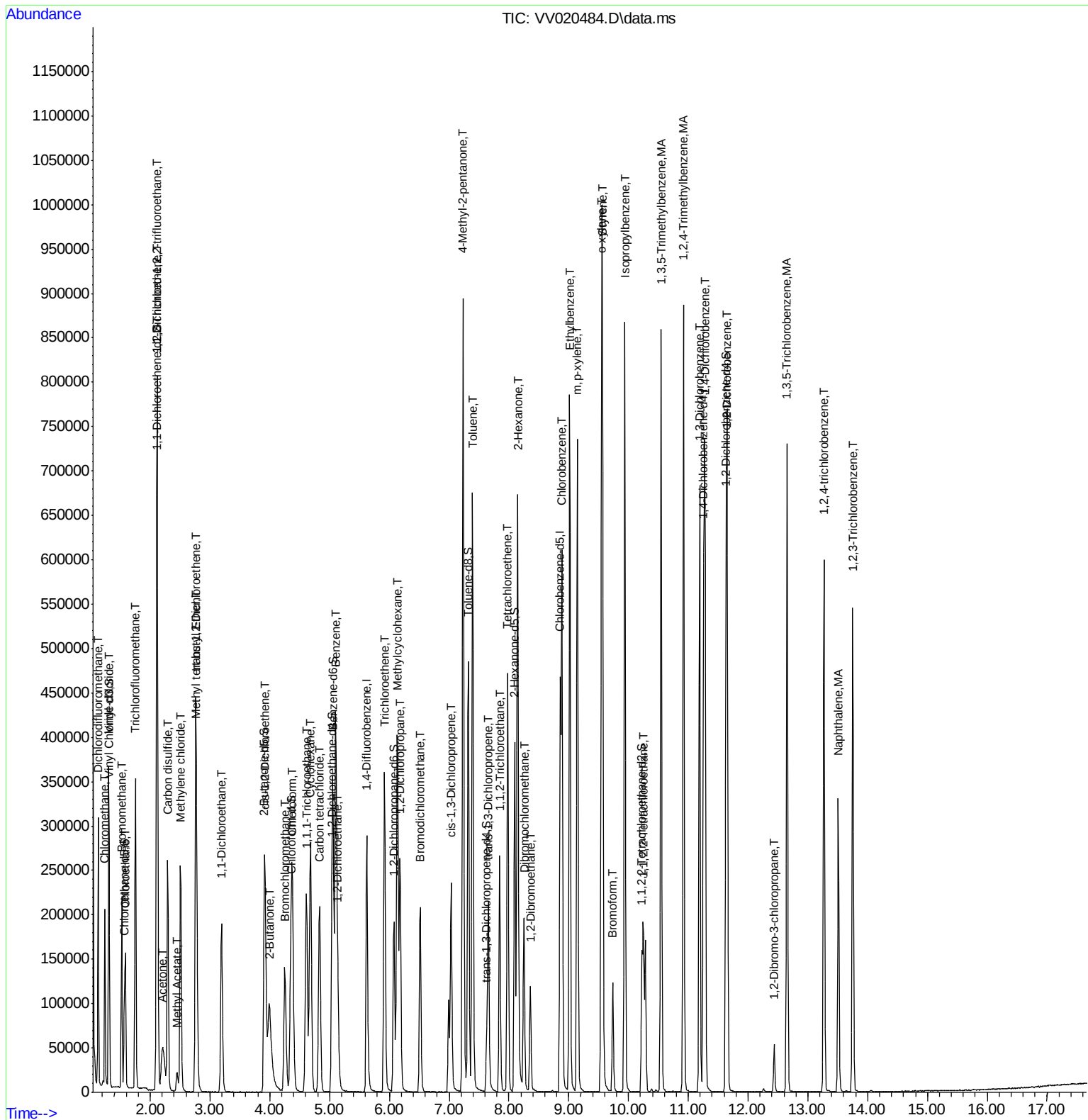
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 Acq On : 09 Mar 2021 20:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

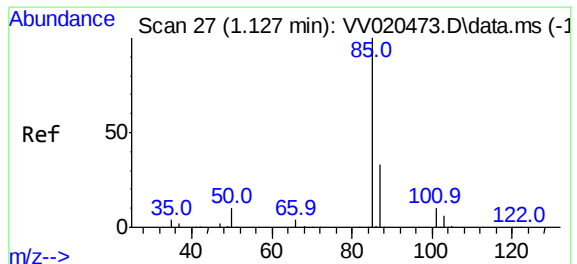
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Mar 10 00:23:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Mar 10 00:20:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.613	97	188992	4.86	ug/L	96
30) Cyclohexane	4.680	56	150823	4.32	ug/L	95
31) Carbon tetrachloride	4.831	117	164820	4.96	ug/L	99
33) Benzene	5.101	78	445362	4.72	ug/L	100
34) Trichloroethene	5.918	95	127515	4.81	ug/L	98
35) Methylcyclohexane	6.133	83	176211	4.59	ug/L	93
37) 1,2-Dichloropropane	6.178	63	107793	4.79	ug/L	99
38) Bromodichloromethane	6.516	83	143752	4.91	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	150669	4.77	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	557521	49.95	ug/L #	91
42) Toluene	7.391	91	504556	4.93	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	460141	5.09	ug/L	99
44) 1,2,4-Trimethylbenzene	10.921	105	471913	5.12	ug/L	97
46) trans-1,3-Dichloropropene	7.657	75	126313	4.89	ug/L	99
47) 1,1,2-Trichloroethane	7.844	97	84505	5.20	ug/L	90
49) Tetrachloroethene	7.979	164	112636	5.13	ug/L	94
50) 2-Hexanone	8.146	43	405922	51.88	ug/L	90
51) Dibromochloromethane	8.252	129	103684	5.48	ug/L	96
52) 1,2-Dibromoethane	8.358	107	78690	5.34	ug/L	96
53) Chlorobenzene	8.886	112	337195	4.99	ug/L	97
54) Ethylbenzene	9.018	91	538952	4.81	ug/L	98
55) m,p-xylene	9.143	106	213645	5.06	ug/L	99
56) o-xylene	9.548	106	202829	5.00	ug/L	95
57) Styrene	9.564	104	359487	5.27	ug/L	94
58) Isopropylbenzene	9.937	105	550202	4.99	ug/L	97
60) 1,1,2,2-Tetrachloroethane	10.249	83	87086	5.04	ug/L	98
62) Bromoform	9.738	173	56209	5.42	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	296696	5.04	ug/L	99
64) 1,4-Dichlorobenzene	11.278	146	295419	4.94	ug/L	97
66) 1,2-Dichlorobenzene	11.651	146	270122	5.04	ug/L	98
67) 1,2-Dibromo-3-chloropr...	12.435	75	12330	4.69	ug/L	87
68) 1,3,5-Trichlorobenzene	12.651	180	240199	5.03	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	196399	5.17	ug/L	99
70) Naphthalene	13.513	128	264527	5.00	ug/L	98
71) 1,2,3-Trichlorobenzene	13.754	180	179264	5.42	ug/L	97

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

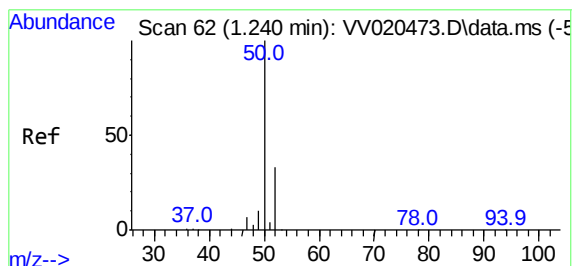
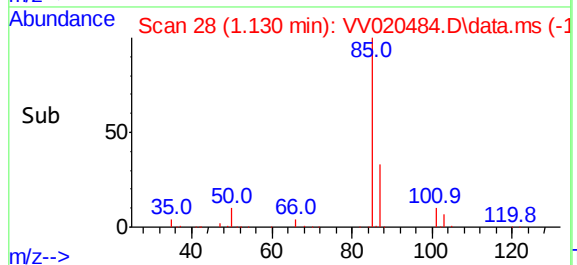
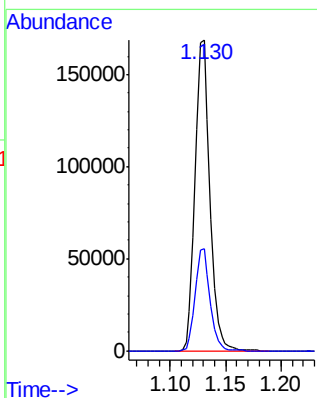
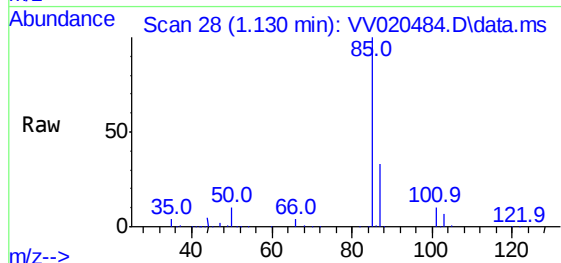




#2
Dichlorodifluoromethane
Concen: 4.76 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

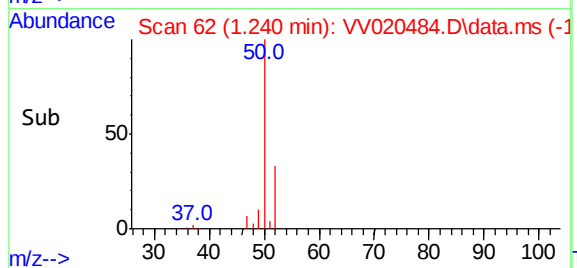
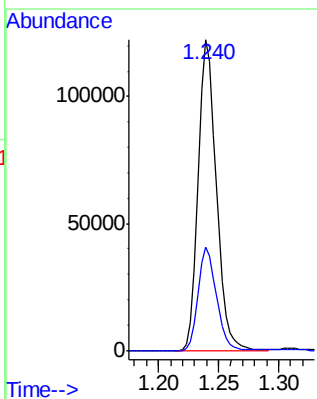
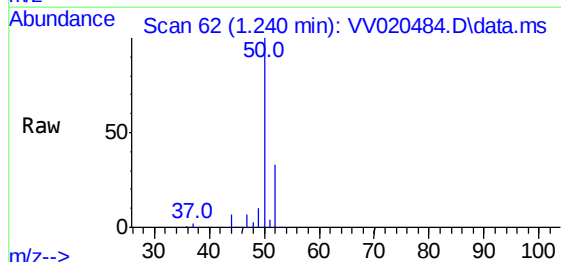
Instrument :
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ClientSampleId :
VSTD00544

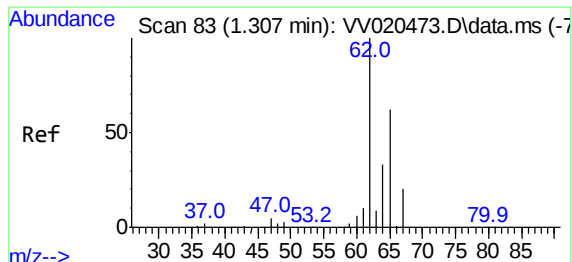
Tgt Ion: 85 Resp: 156305
Ion Ratio Lower Upper
85 100
87 32.9 26.4 39.6



#3
Chloromethane
Concen: 4.31 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 50 Resp: 125103
Ion Ratio Lower Upper
50 100
52 33.2 25.1 46.5

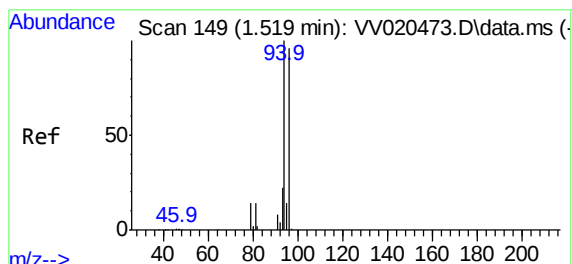
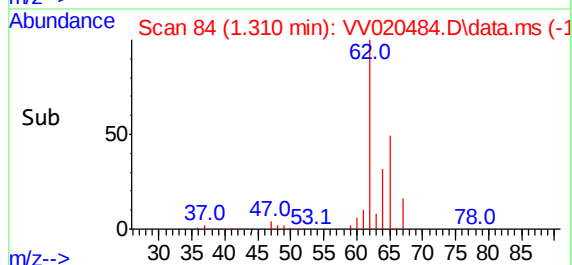
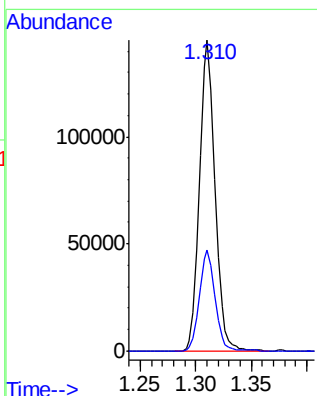
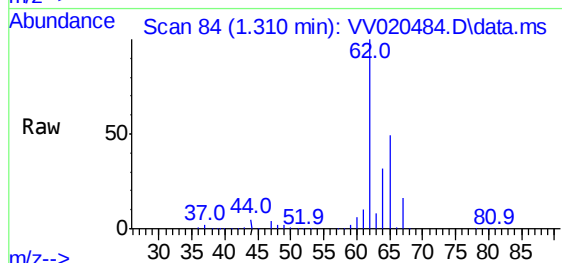




#5
 Vinyl chloride
 Concen: 4.55 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV020484.D
 Acq: 09 Mar 2021 20:25

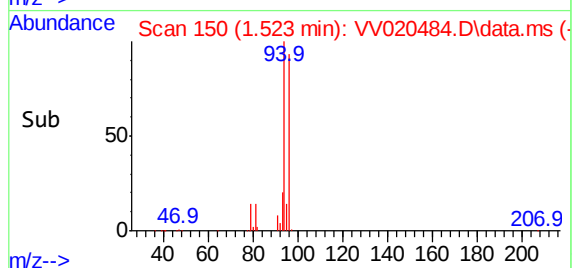
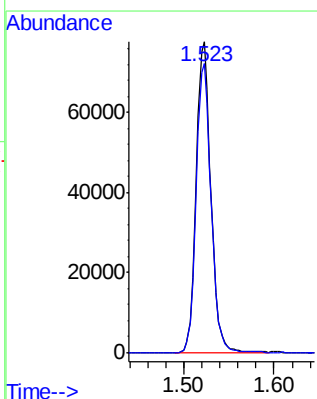
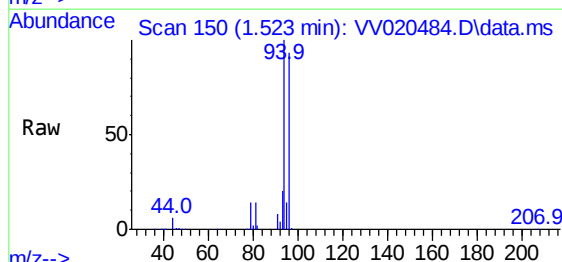
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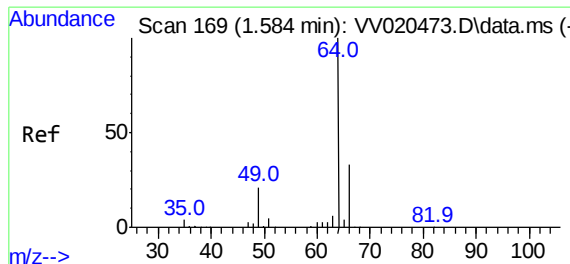
Tgt Ion: 62 Resp: 140842
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.0 42.8



#6
 Bromomethane
 Concen: 4.39 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV020484.D
 Acq: 09 Mar 2021 20:25

Tgt Ion: 94 Resp: 87830
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.9 122.5

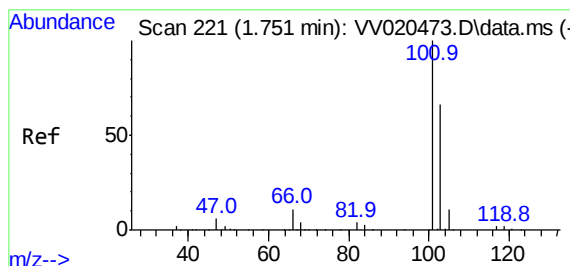
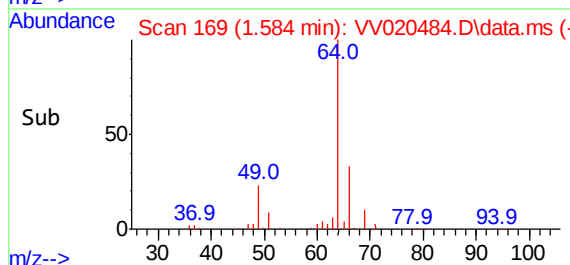
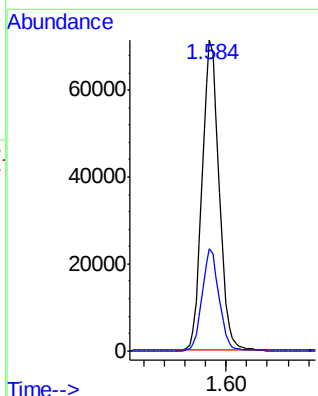
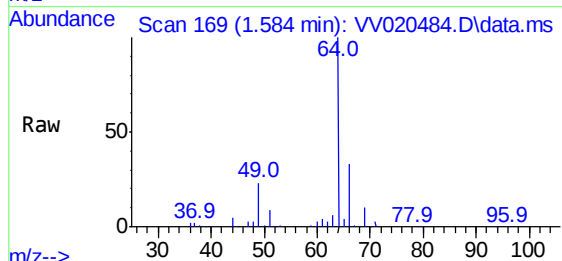




#8
Chloroethane
Concen: 4.36 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

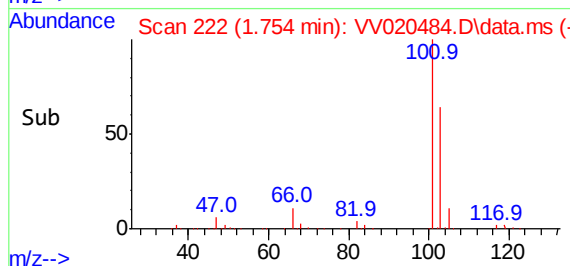
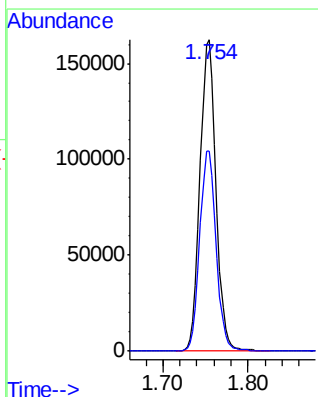
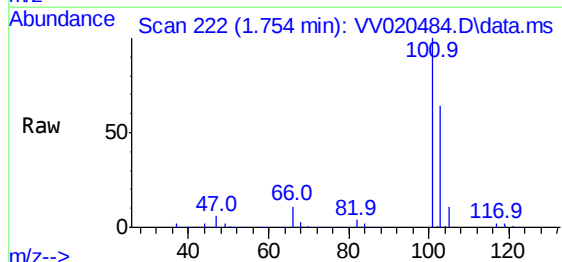
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ClientSampleId :
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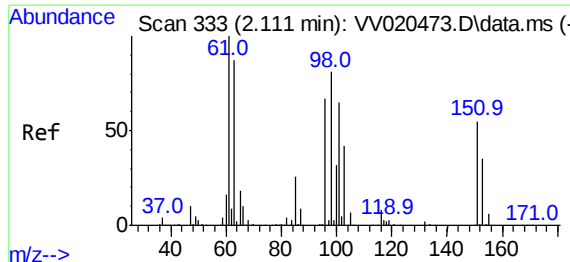
Tgt Ion: 64 Resp: 81309
Ion Ratio Lower Upper
64 100
66 32.9 24.0 44.6



#9
Trichlorofluoromethane
Concen: 4.86 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion:101 Resp: 210972
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5

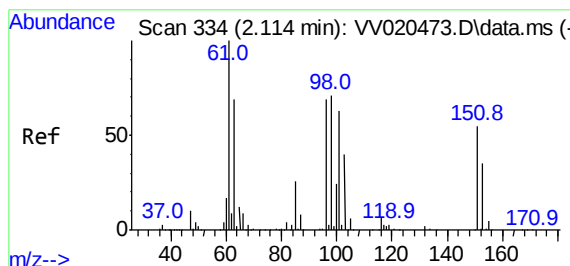
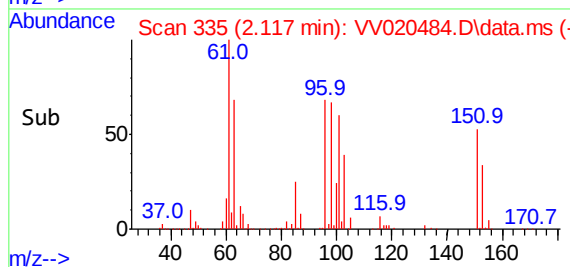
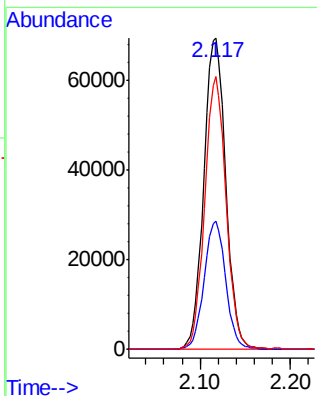
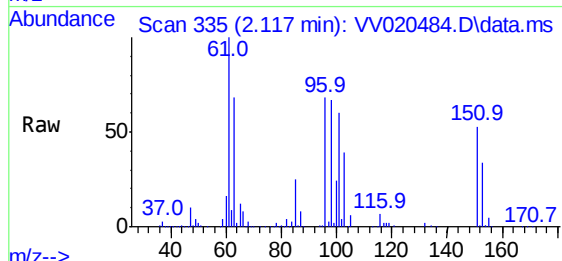




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.03 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.006 min
 Lab File: VV020484.D
 Acq: 09 Mar 2021 20:25

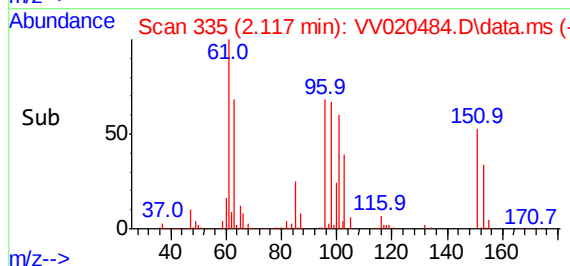
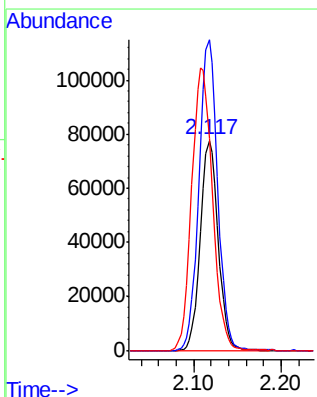
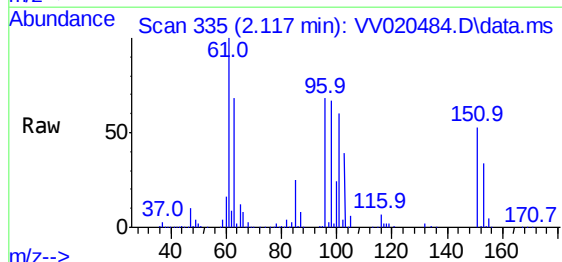
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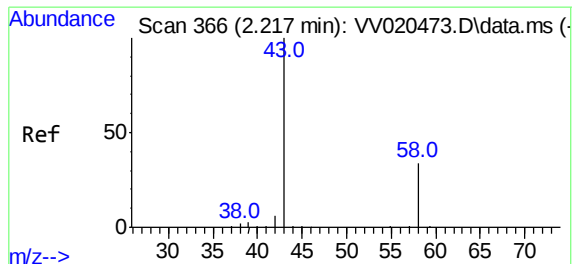
Tgt Ion:101 Resp: 116176
 Ion Ratio Lower Upper
 101 100
 85 40.1 34.6 51.8
 151 85.0 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 4.89 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV020484.D
 Acq: 09 Mar 2021 20:25

Tgt Ion: 96 Resp: 109744
 Ion Ratio Lower Upper
 96 100
 61 148.0 123.1 228.7
 63 100.8 91.2 169.4

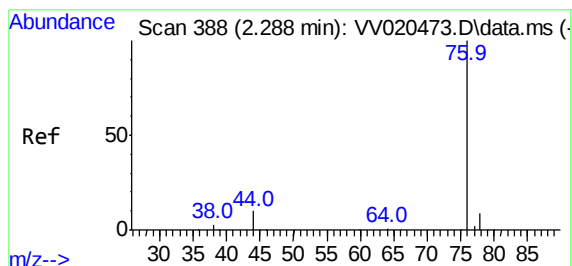
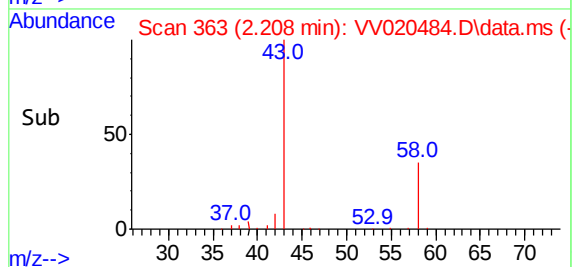
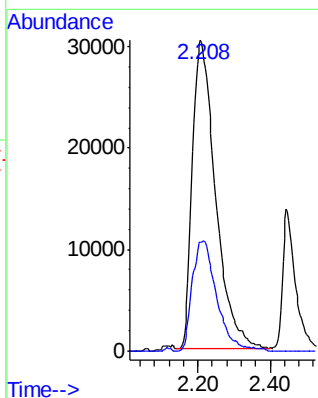
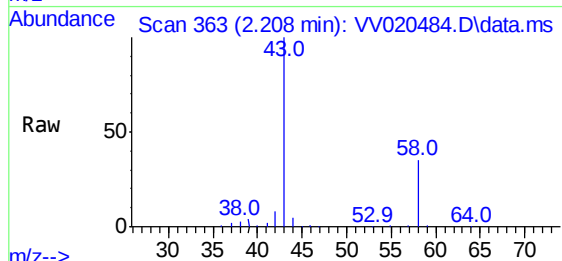




#13
Acetone
Concen: 46.83 ug/L
RT: 2.208 min Scan# 363
Delta R.T. -0.010 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

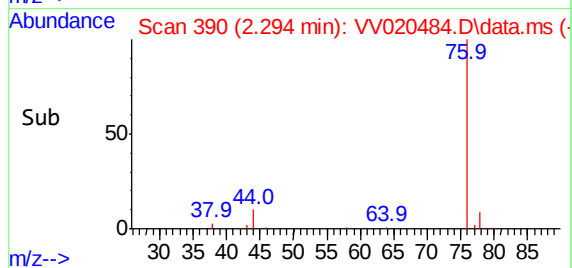
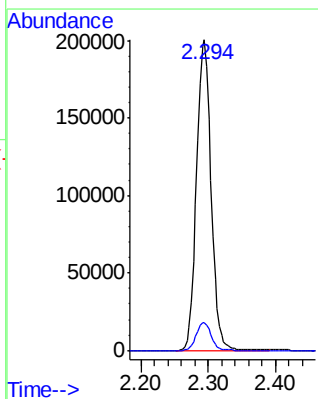
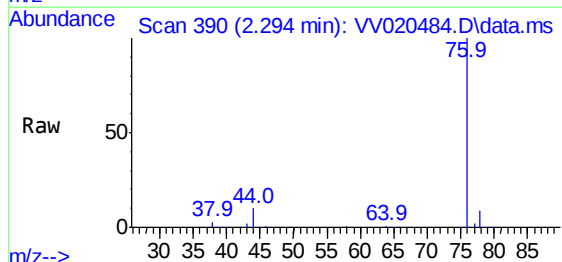
Instrument :
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ClientSampled :
VSTD00544

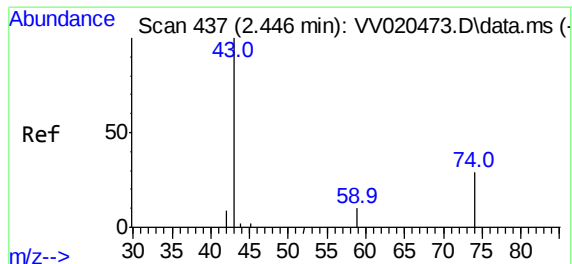
Tgt Ion: 43 Resp: 136586
Ion Ratio Lower Upper
43 100
58 37.1 0.0 18.6#



#14
Carbon disulfide
Concen: 4.32 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 76 Resp: 298851
Ion Ratio Lower Upper
76 100
78 9.1 6.6 10.0

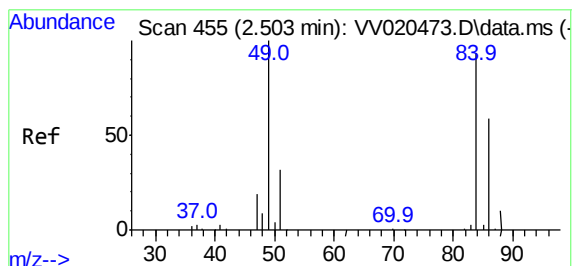
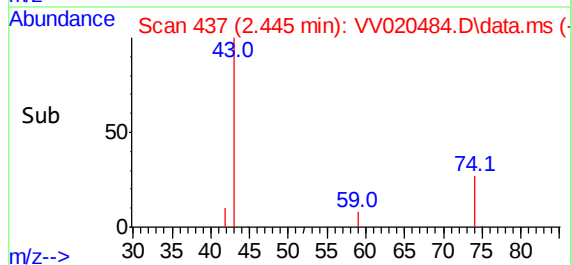
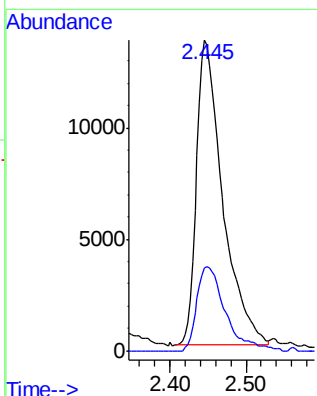
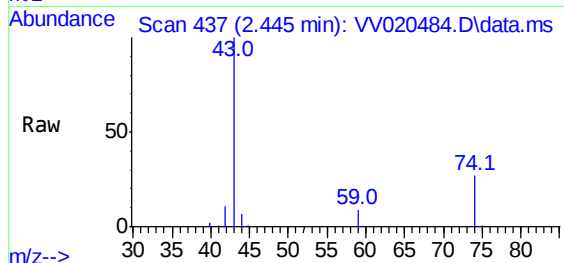




#15
Methyl Acetate
Concen: 4.64 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

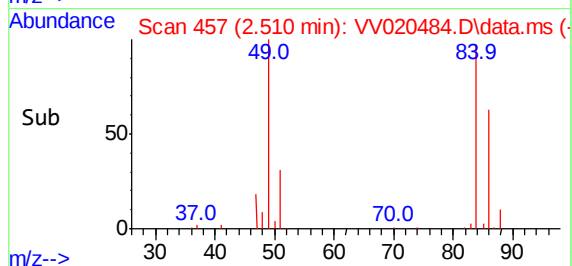
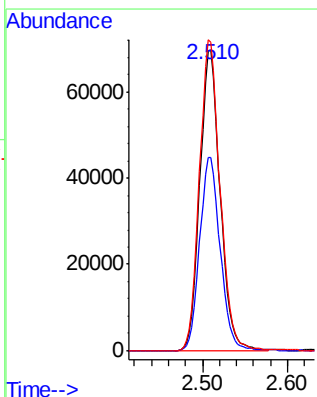
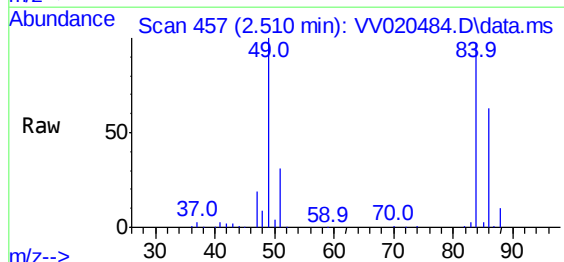
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

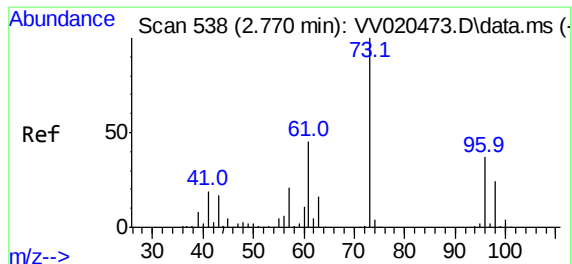
Tgt Ion: 43 Resp: 32769
Ion Ratio Lower Upper
43 100
74 29.8 26.6 40.0



#16
Methylene chloride
Concen: 4.76 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 84 Resp: 115045
Ion Ratio Lower Upper
84 100
86 64.3 46.5 86.3
49 102.7 79.2 147.2

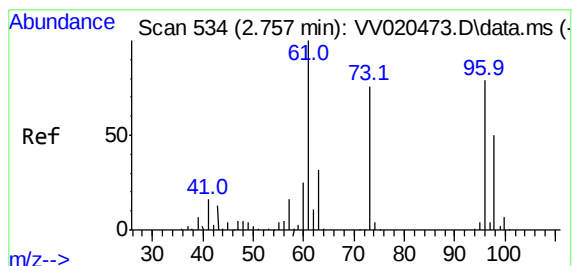
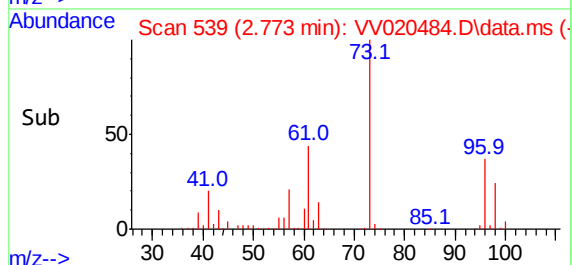
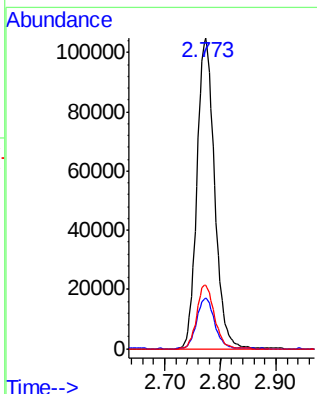
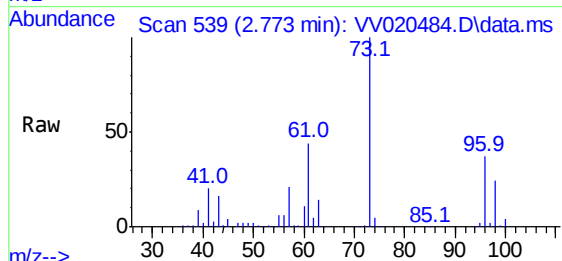




#17
Methyl tert-butyl Ether
Concen: 4.95 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

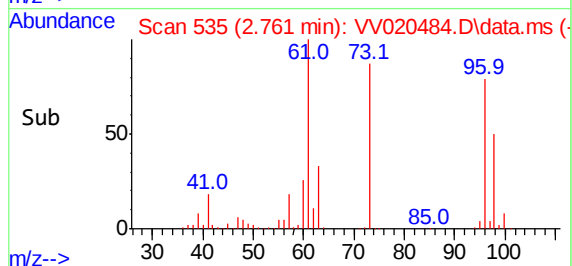
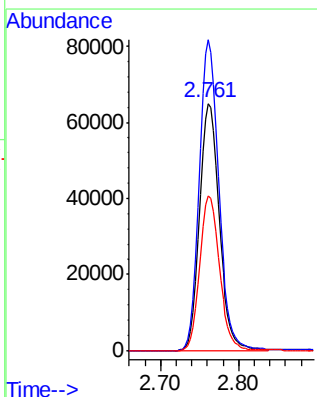
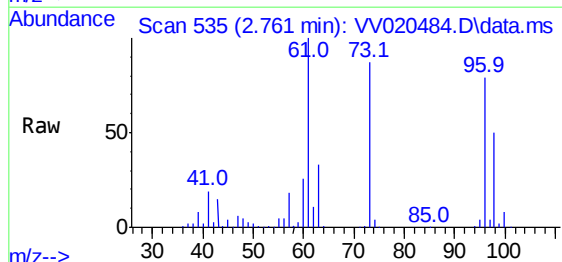
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

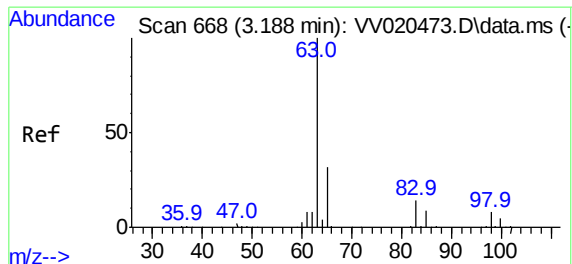
Tgt Ion: 73 Resp: 229444
Ion Ratio Lower Upper
73 100
43 16.8 18.3 27.5#
57 20.6 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.85 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 96 Resp: 113984
Ion Ratio Lower Upper
96 100
61 125.9 96.0 178.4
98 62.8 43.5 80.9

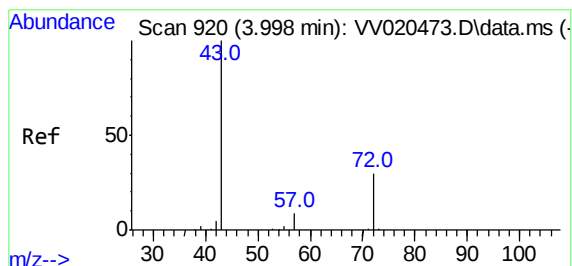
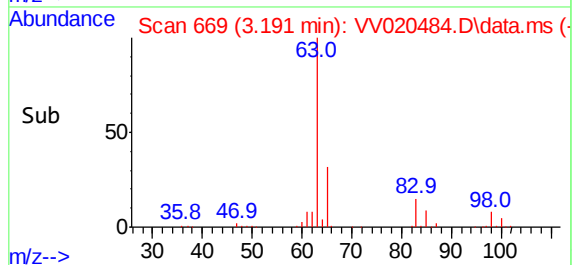
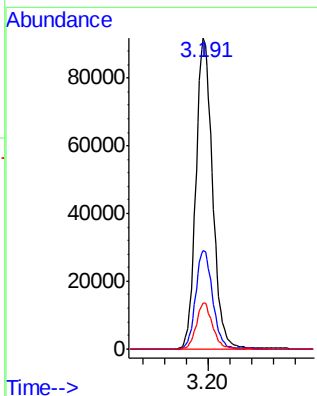
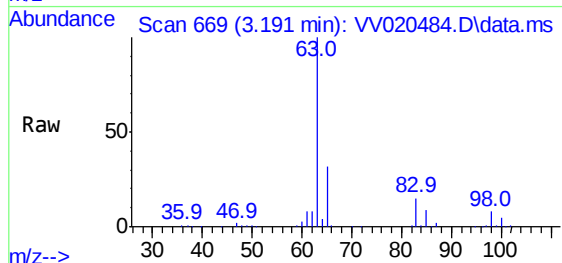




#19
1,1-Dichloroethane
Concen: 4.68 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

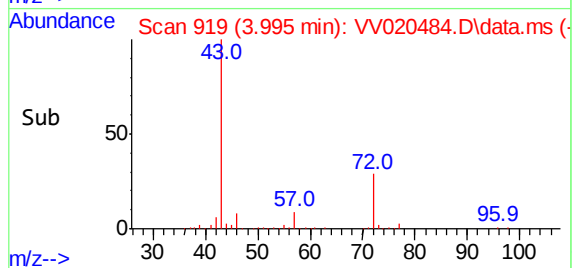
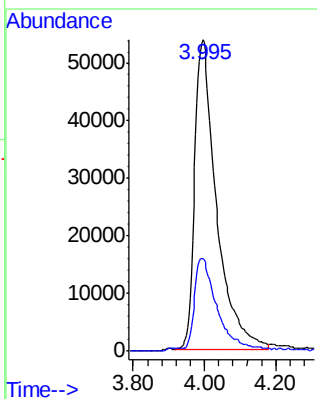
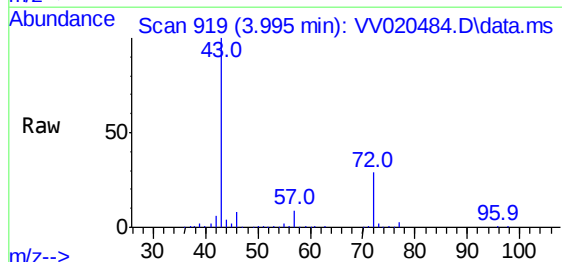
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

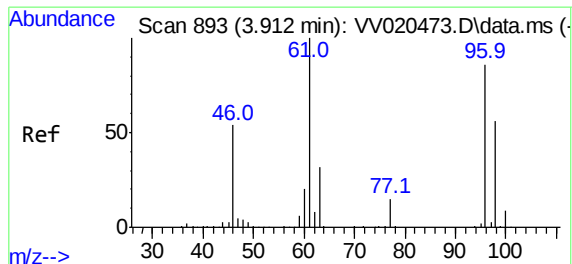
Tgt Ion: 63 Resp: 193636
Ion Ratio Lower Upper
63 100
65 31.6 21.4 39.8
83 14.6 10.4 19.4



#21
2-Butanone
Concen: 51.41 ug/L
RT: 3.995 min Scan# 919
Delta R.T. -0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 43 Resp: 228692
Ion Ratio Lower Upper
43 100
72 29.6 13.0 38.9

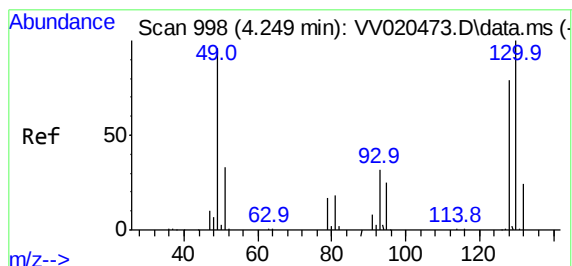
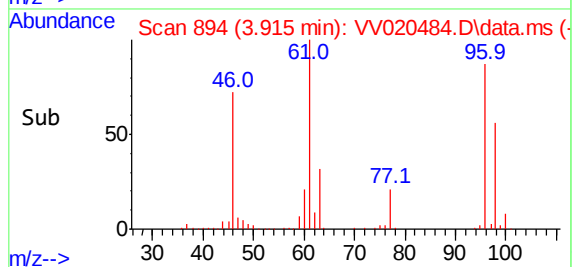
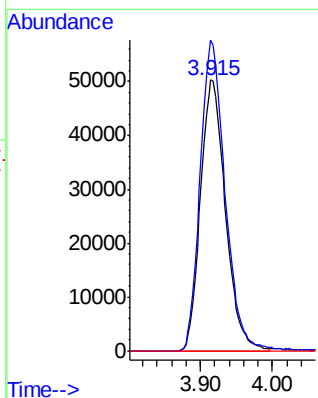
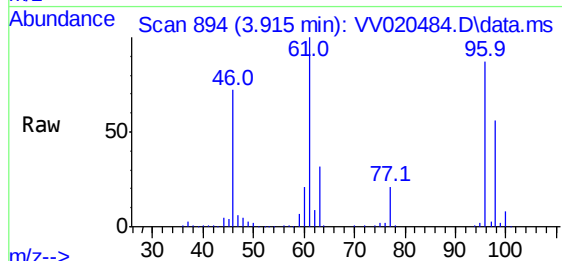




#22
cis-1,2-Dichloroethene
Concen: 4.93 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

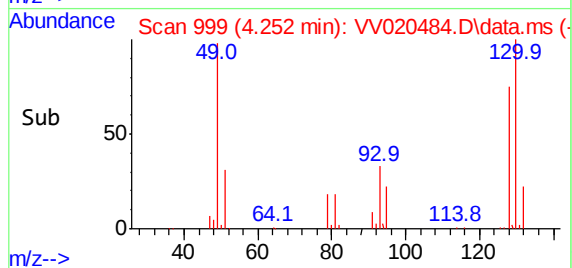
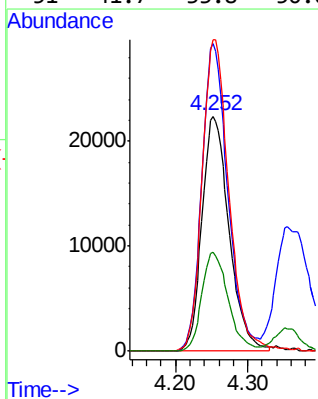
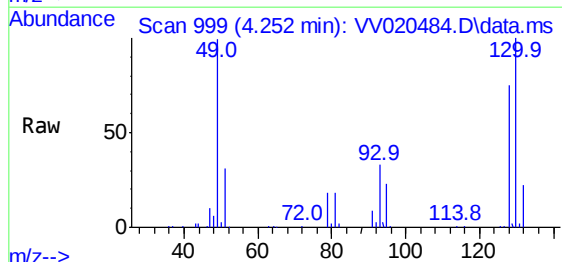
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

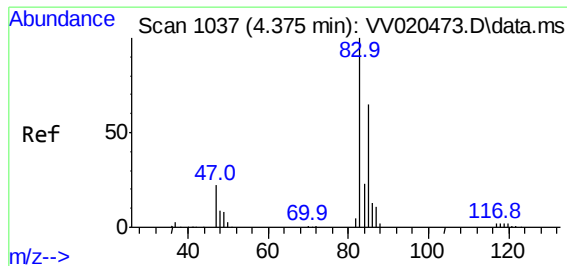
Tgt Ion: 96 Resp: 120501
Ion Ratio Lower Upper
96 100
61 114.7 89.6 166.4
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.41 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion:128 Resp: 57732
Ion Ratio Lower Upper
128 100
49 130.9 92.2 171.2
130 132.7 77.2 143.4
51 41.7 33.8 50.6

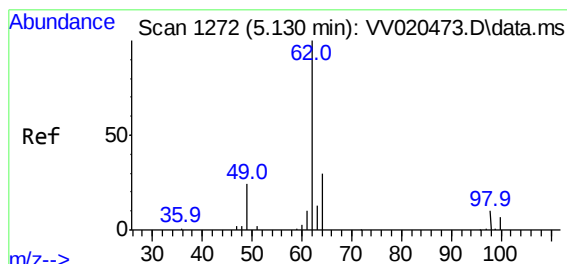
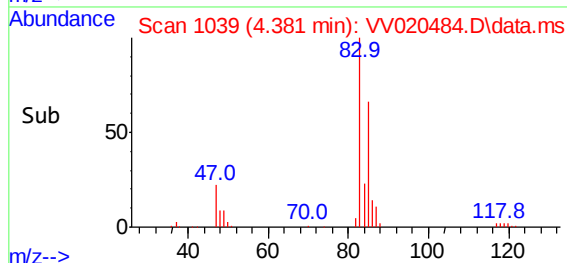
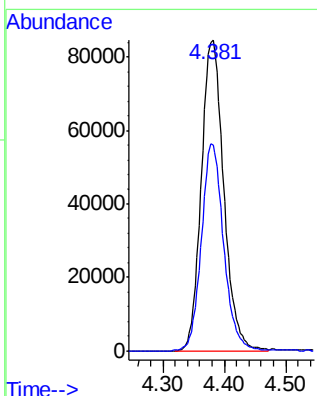
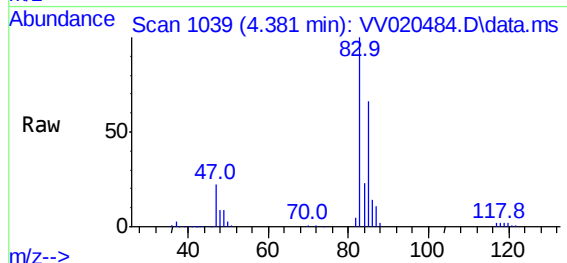




#25
Chloroform
Concen: 4.89 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

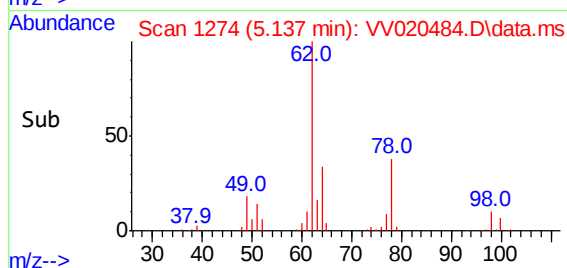
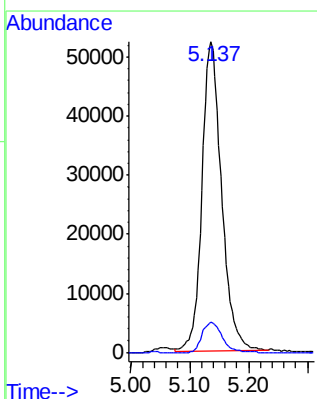
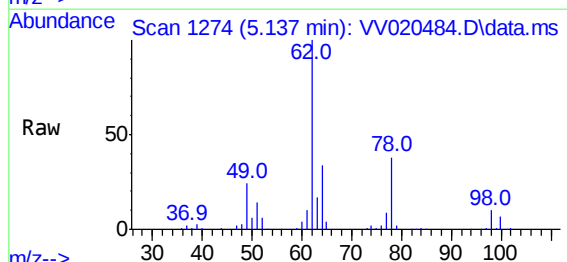
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

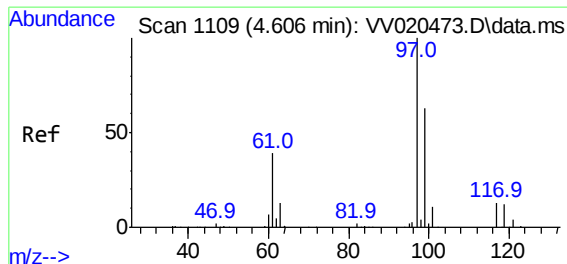
Tgt Ion: 83 Resp: 214190
Ion Ratio Lower Upper
83 100
85 66.4 47.3 87.9



#27
1,2-Dichloroethane
Concen: 4.85 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 62 Resp: 121683
Ion Ratio Lower Upper
62 100
98 9.8 7.0 10.6

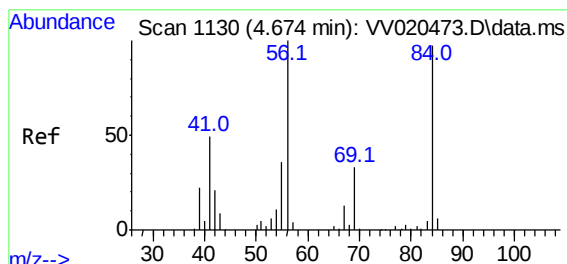
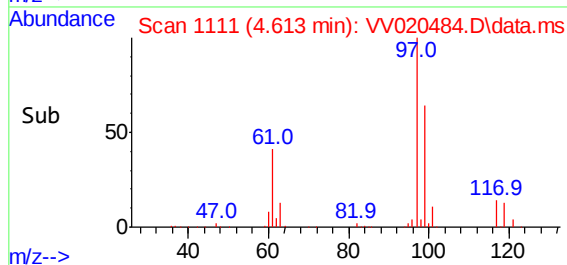
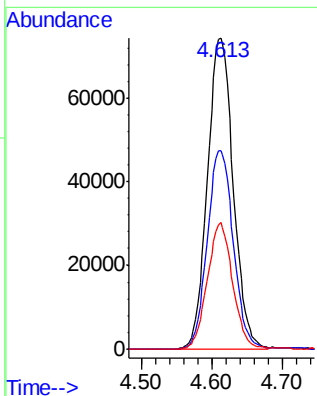
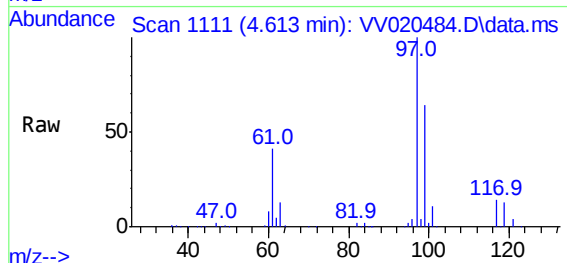




#29
1,1,1-Trichloroethane
Concen: 4.86 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

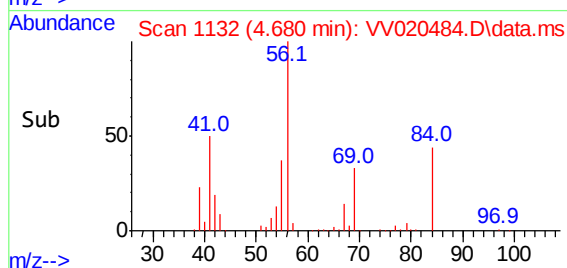
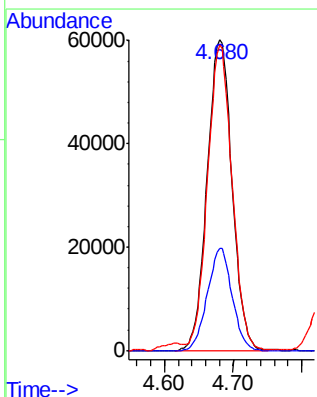
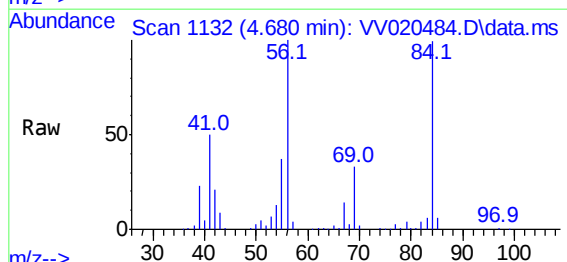
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

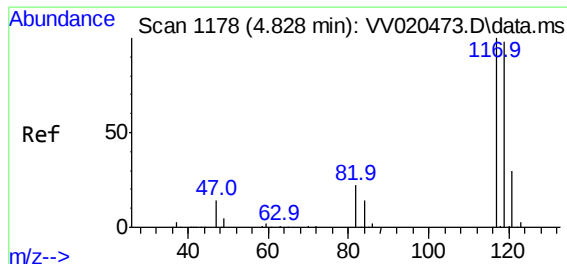
Tgt Ion: 97 Resp: 188992
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 39.7 35.7 53.5



#30
Cyclohexane
Concen: 4.32 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 56 Resp: 150823
Ion Ratio Lower Upper
56 100
69 32.6 25.4 38.2
84 97.5 73.0 109.4

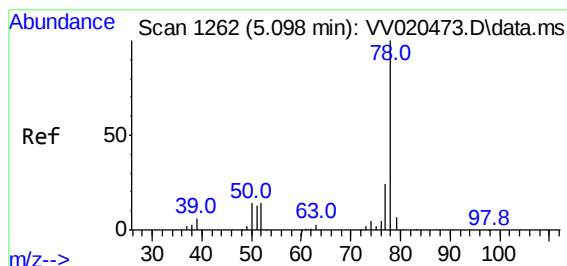
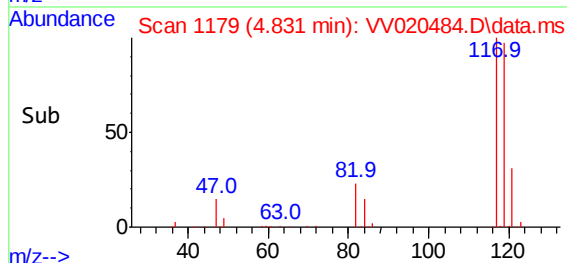
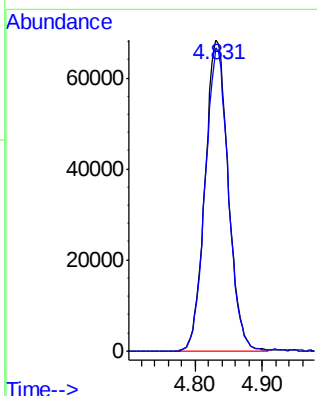
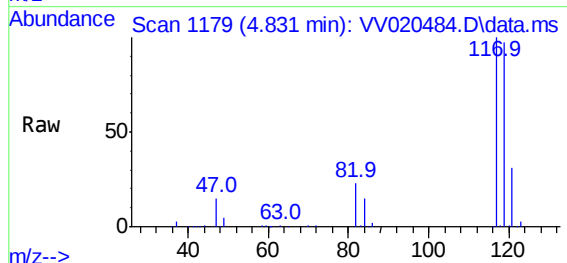




#31
Carbon tetrachloride
Concen: 4.96 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

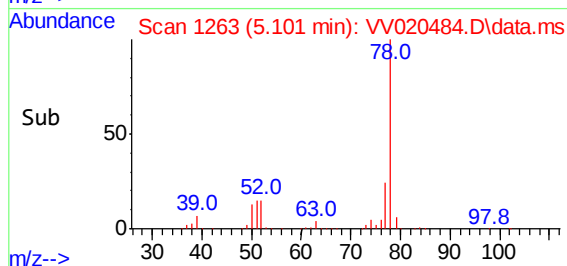
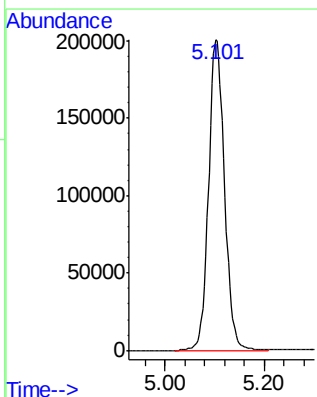
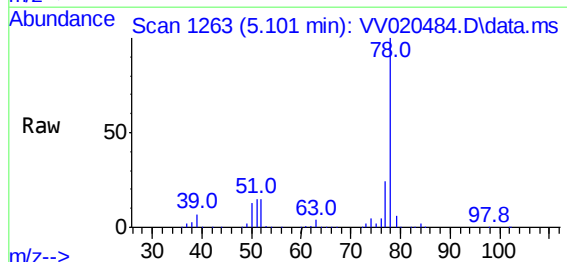
Instrument :
MSVOA_V
ClientSampled :
VSTD00544

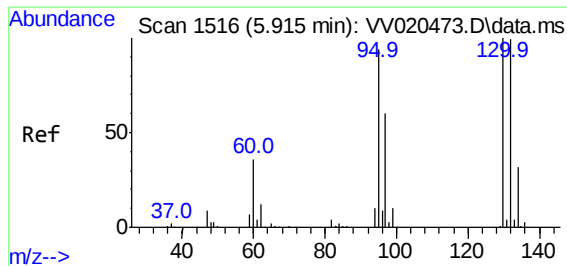
Tgt Ion:117 Resp: 164820
Ion Ratio Lower Upper
117 100
119 97.3 76.9 115.3



#33
Benzene
Concen: 4.72 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 78 Resp: 445362



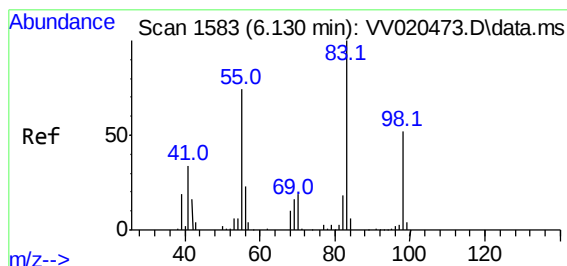
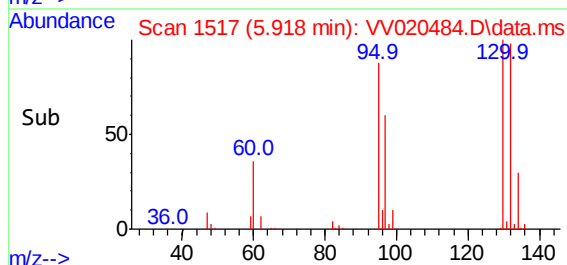
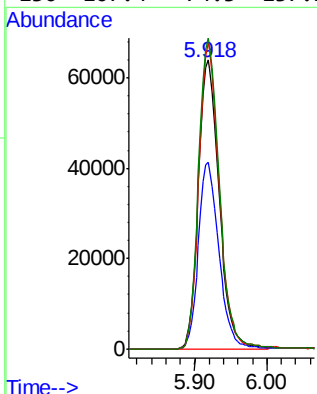
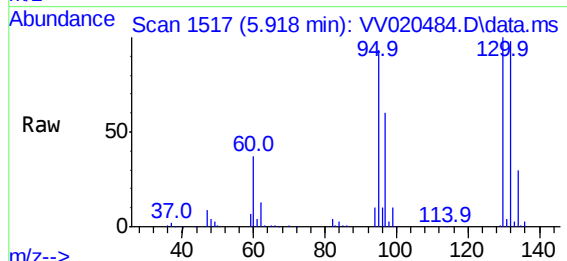


#34
Trichloroethene
Concen: 4.81 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

Tgt Ion: 95 Resp: 127515

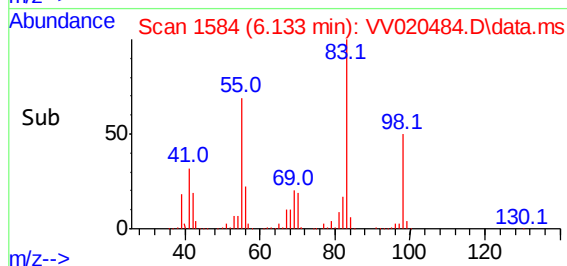
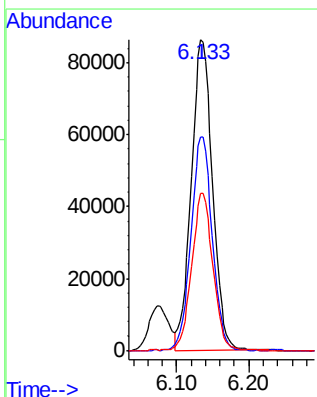
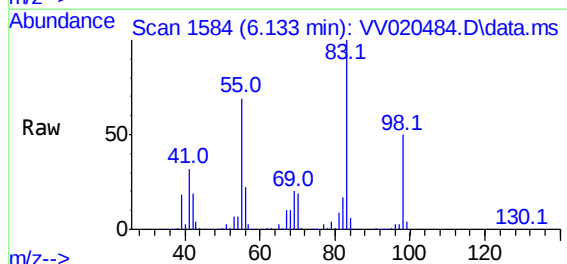
Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.1	85.5
132	105.7	71.7	133.1
130	107.4	74.3	137.9

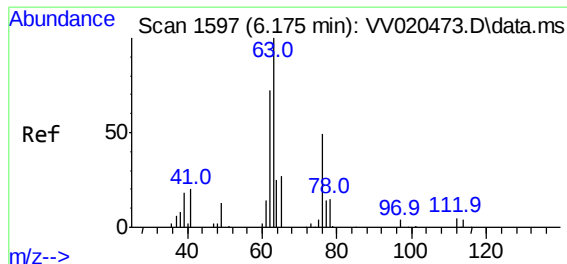


#35
Methylcyclohexane
Concen: 4.59 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 83 Resp: 176211

Ion	Ratio	Lower	Upper
83	100		
55	69.0	61.8	92.8
98	50.6	39.0	58.6

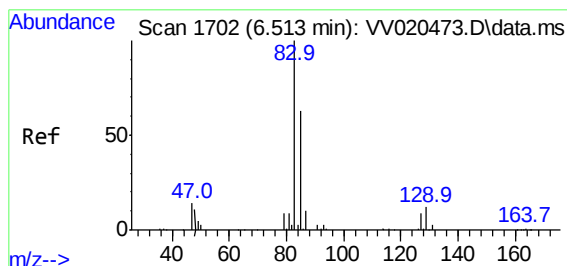
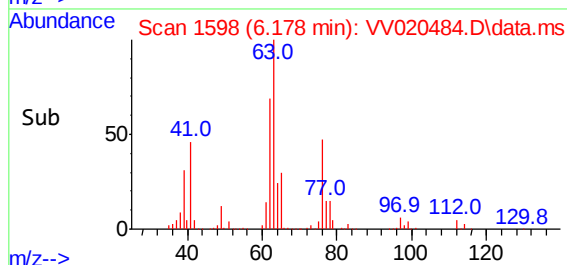
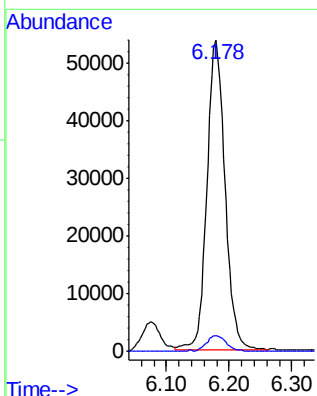
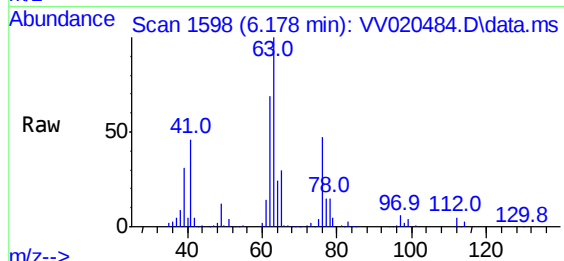




#37
1,2-Dichloropropane
Concen: 4.79 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

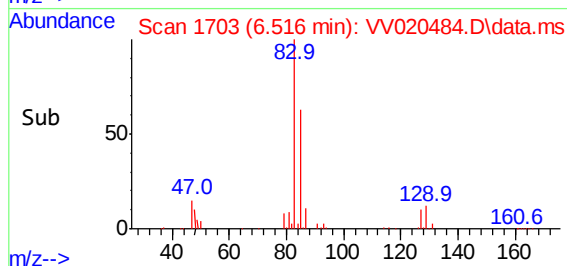
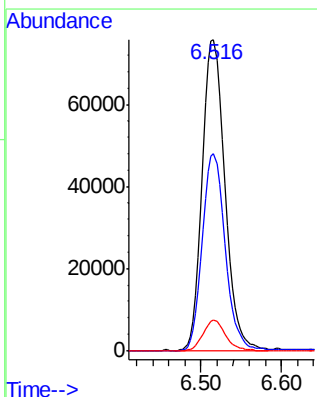
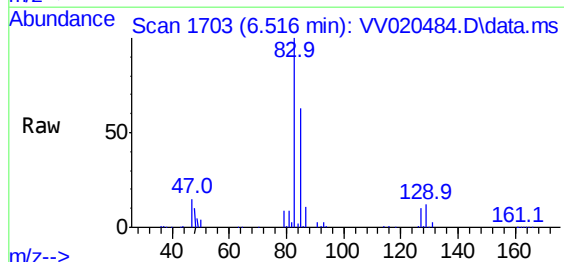
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

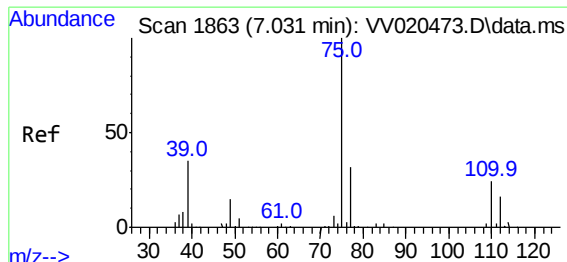
Tgt Ion: 63 Resp: 107793
Ion Ratio Lower Upper
63 100
112 5.2 4.5 6.7



#38
Bromodichloromethane
Concen: 4.91 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 83 Resp: 143752
Ion Ratio Lower Upper
83 100
85 63.3 44.7 83.1
127 9.7 7.4 11.0

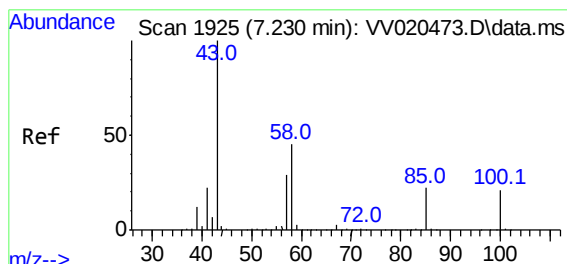
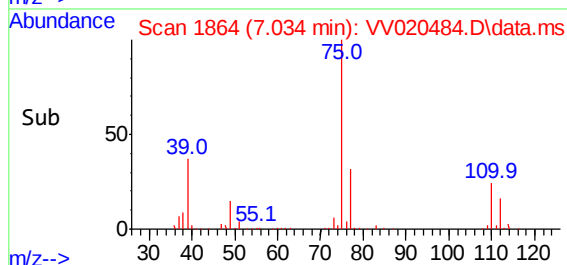
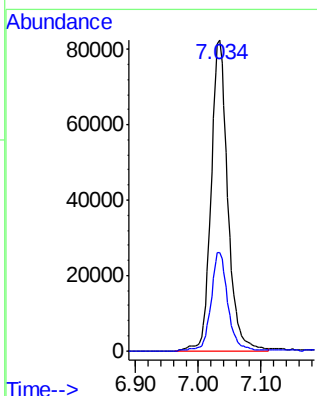
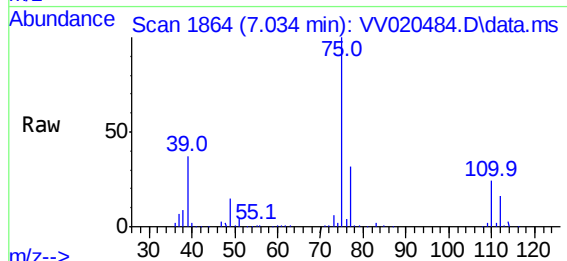




#39
cis-1,3-Dichloropropene
Concen: 4.77 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

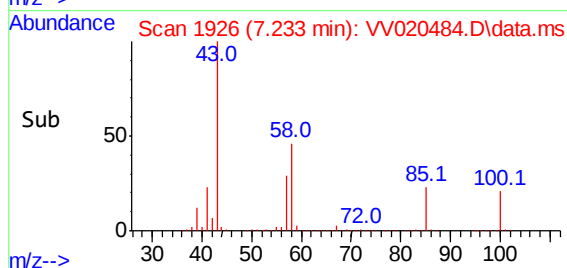
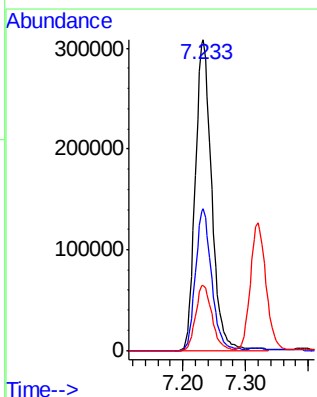
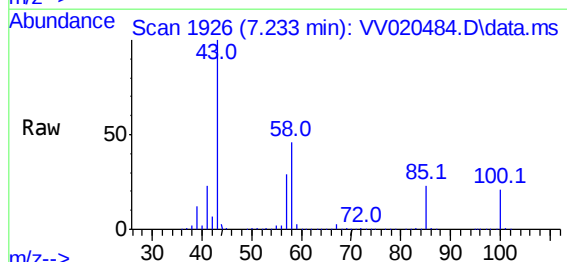
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

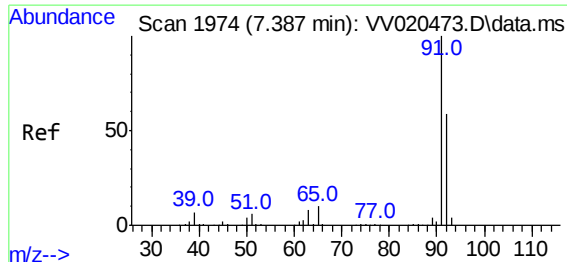
Tgt Ion: 75 Resp: 150669
Ion Ratio Lower Upper
75 100
77 31.8 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 49.95 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 43 Resp: 557521
Ion Ratio Lower Upper
43 100
58 44.7 31.2 46.8
100 20.9 13.6 20.4#





#42

Toluene

Concen: 4.93 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV020484.D

Acq: 09 Mar 2021 20:25

Tgt Ion: 91 Resp: 504556

Ion Ratio Lower Upper

91 100

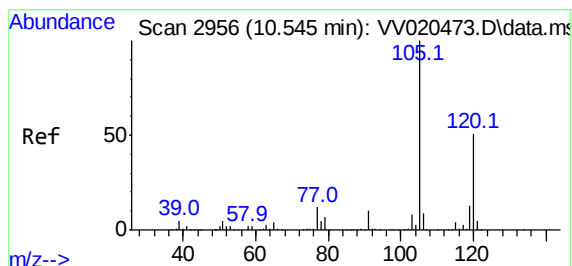
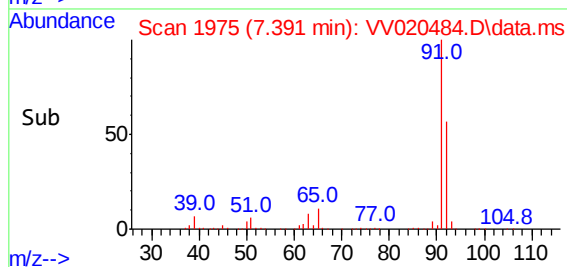
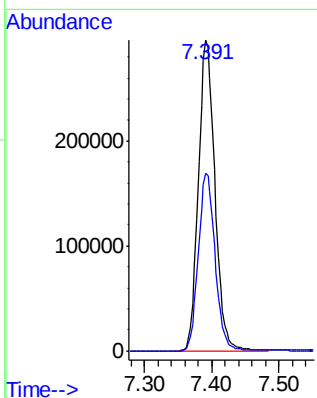
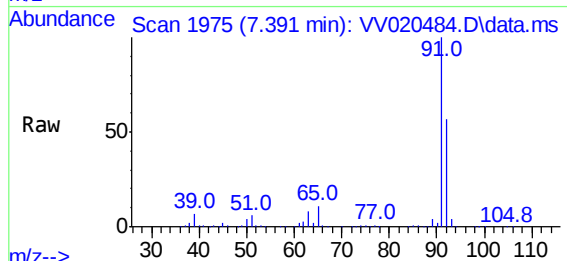
92 57.2 40.8 75.8

Instrument :

MSVOA_V

ClientSampleId :

VSTD00544



#43

1,3,5-Trimethylbenzene

Concen: 5.09 ug/L

RT: 10.545 min Scan# 2956

Delta R.T. -0.000 min

Lab File: VV020484.D

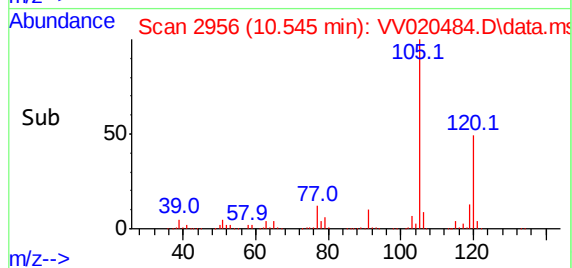
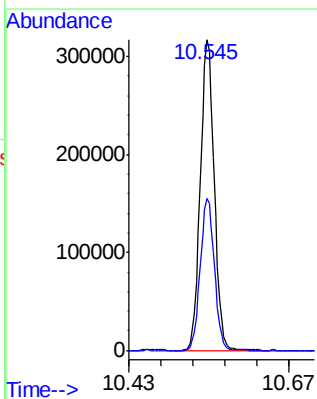
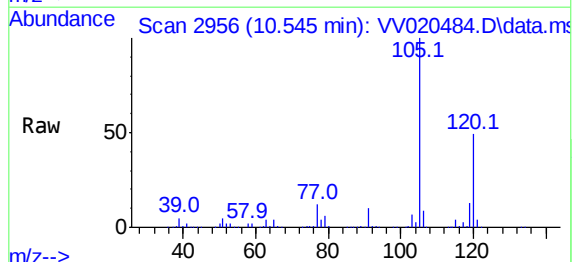
Acq: 09 Mar 2021 20:25

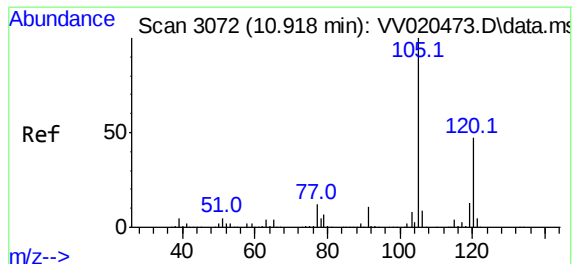
Tgt Ion:105 Resp: 460141

Ion Ratio Lower Upper

105 100

120 49.9 39.4 59.2

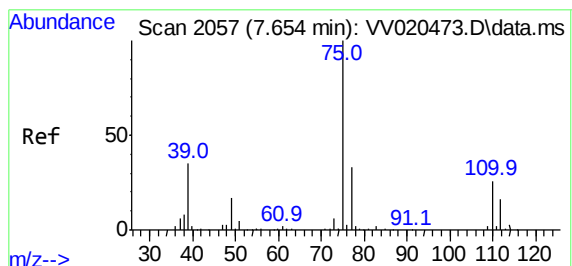
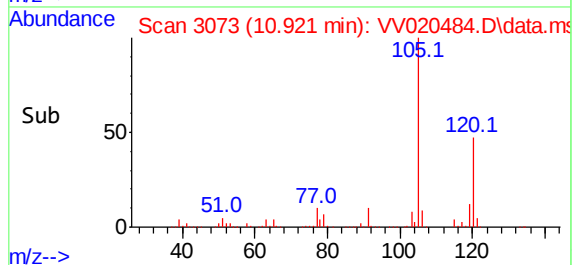
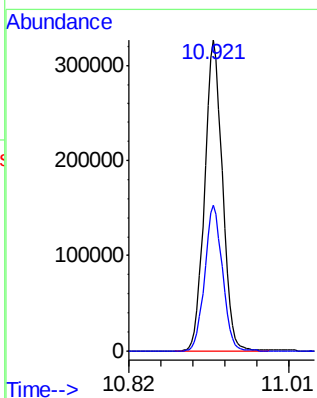
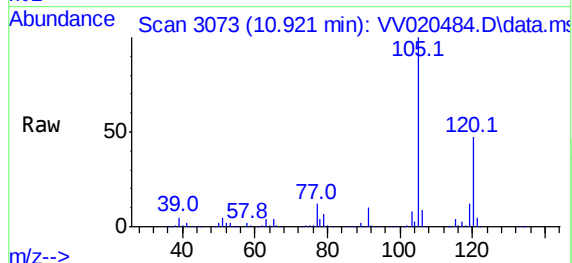




#44
1,2,4-Trimethylbenzene
Concen: 5.12 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

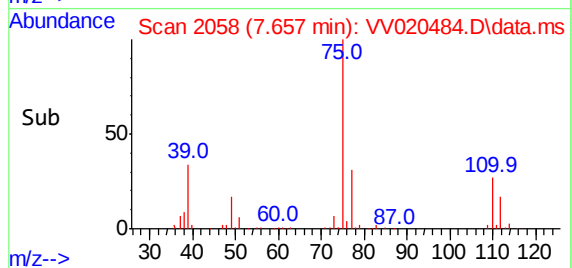
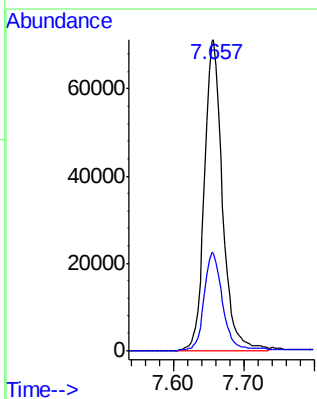
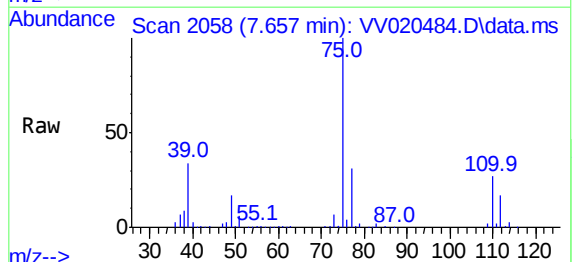
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

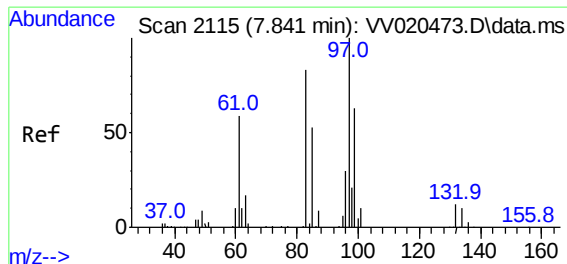
Tgt Ion:105 Resp: 471913
Ion Ratio Lower Upper
105 100
120 46.6 35.9 53.9



#46
trans-1,3-Dichloropropene
Concen: 4.89 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 75 Resp: 126313
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7



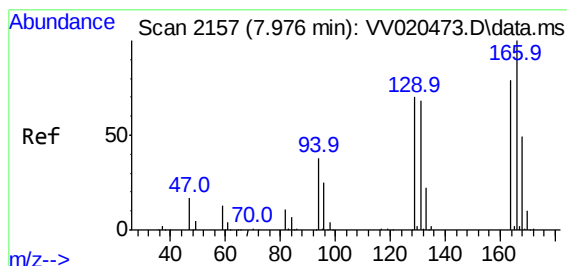
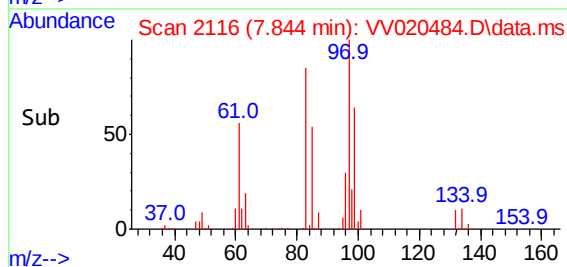
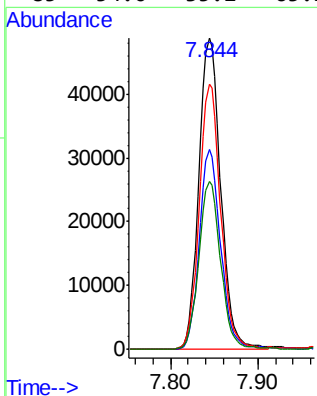
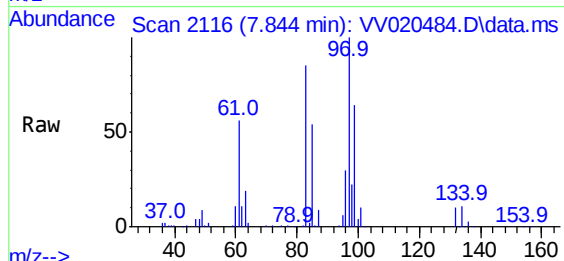


#47
1,1,2-Trichloroethane
Concen: 5.20 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

Tgt Ion: 97 Resp: 84505

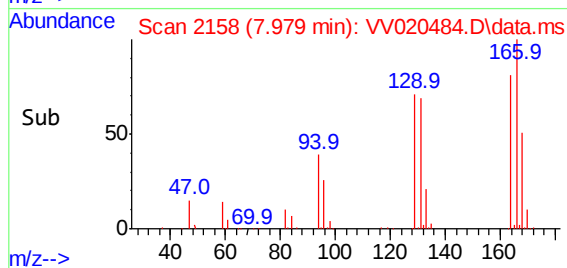
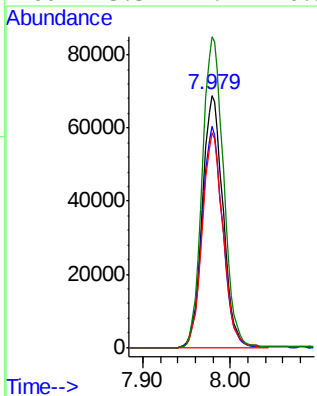
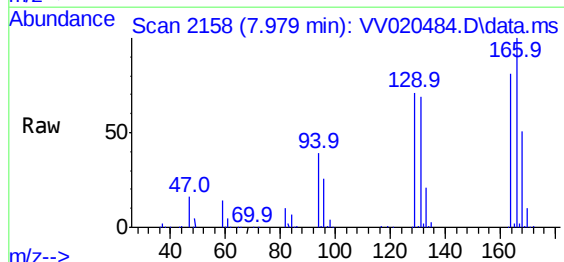
Ion	Ratio	Lower	Upper
97	100		
99	64.1	39.5	73.4
83	85.1	52.6	97.6
85	54.0	35.1	65.1

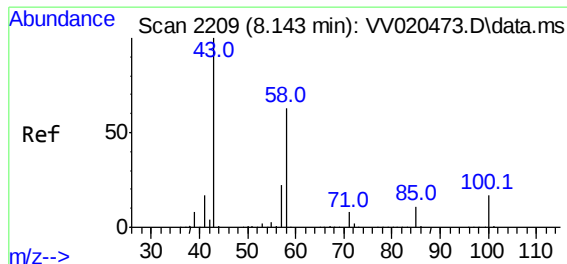


#49
Tetrachloroethene
Concen: 5.13 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 164 Resp: 112636

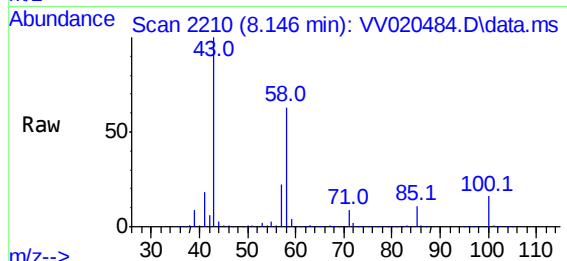
Ion	Ratio	Lower	Upper
164	100		
129	87.5	65.0	120.8
131	85.2	63.6	118.2
166	123.3	91.7	170.3





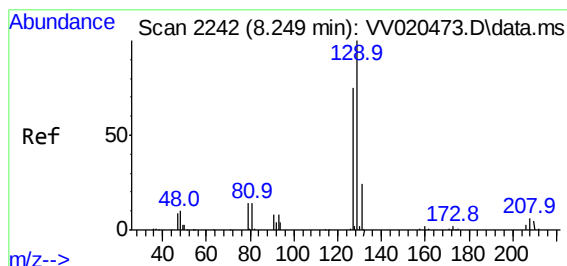
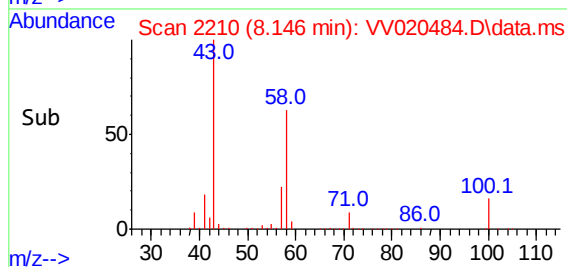
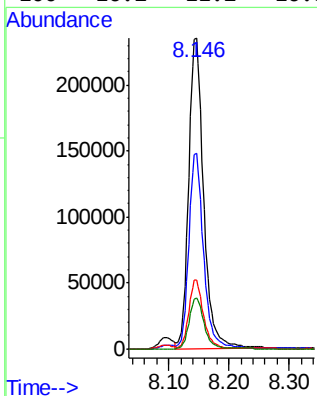
#50
2-Hexanone
Concen: 51.88 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Instrument :
MSVOA_V
ClientSampled :
VSTD00544



Tgt Ion: 43 Resp: 405922

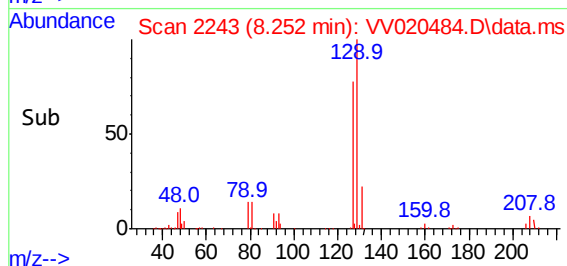
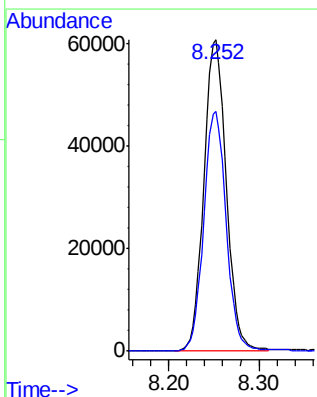
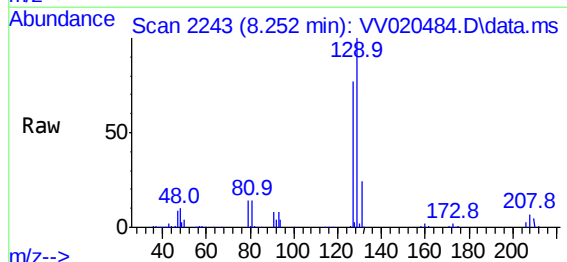
Ion	Ratio	Lower	Upper
43	100		
58	61.5	41.6	62.4
57	21.1	15.4	23.0
100	16.2	11.2	16.8

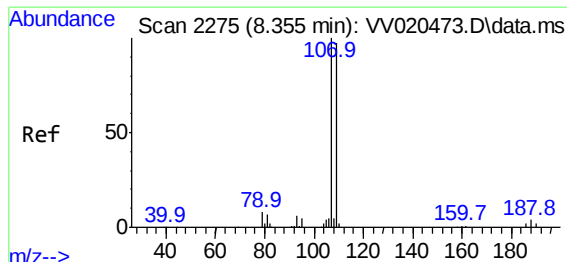


#51
Dibromochloromethane
Concen: 5.48 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 129 Resp: 103684

Ion	Ratio	Lower	Upper
129	100		
127	77.0	56.3	104.5

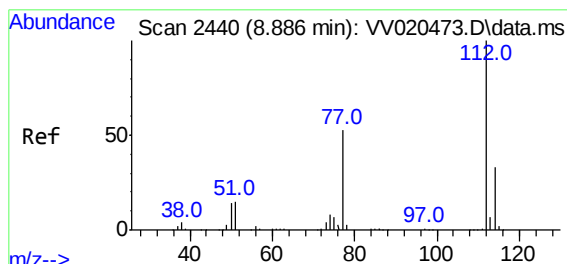
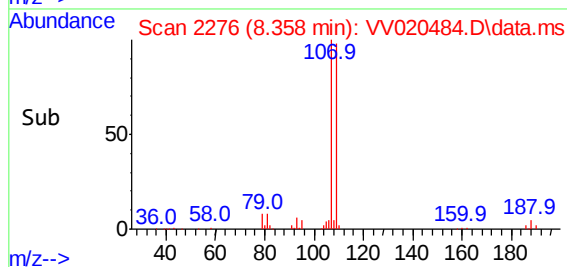
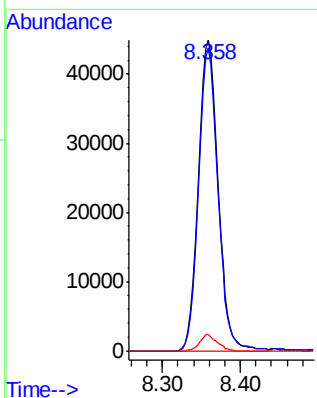
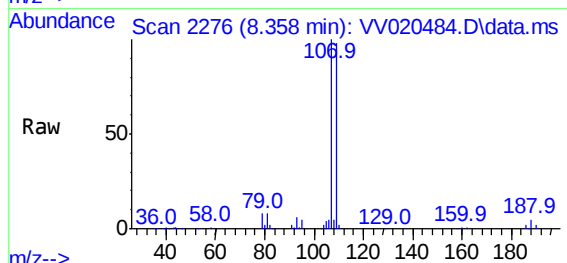




#52
1,2-Dibromoethane
Concen: 5.34 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

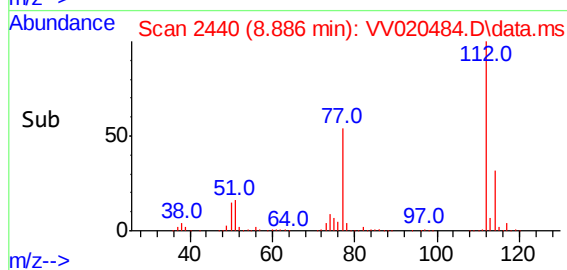
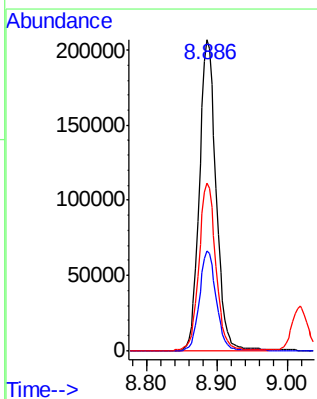
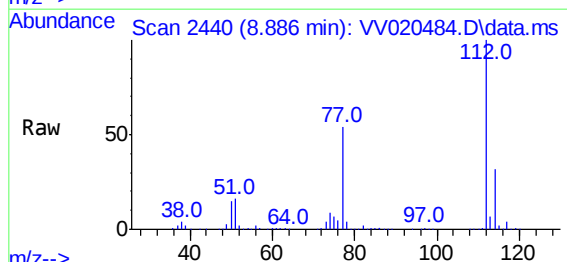
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

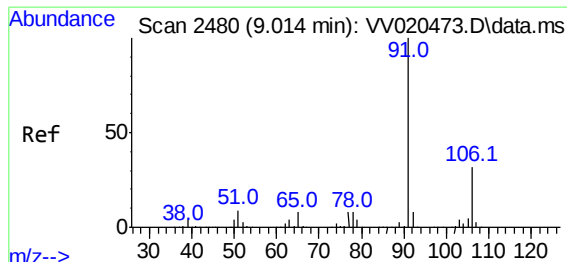
Tgt Ion:107 Resp: 78690
Ion Ratio Lower Upper
107 100
109 97.7 65.5 121.7
188 5.2 3.7 5.5



#53
Chlorobenzene
Concen: 4.99 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion:112 Resp: 337195
Ion Ratio Lower Upper
112 100
114 31.8 23.2 43.2
77 54.0 45.6 68.4

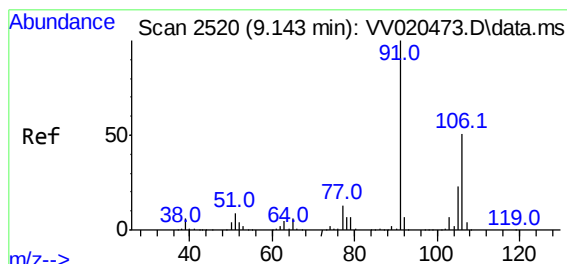
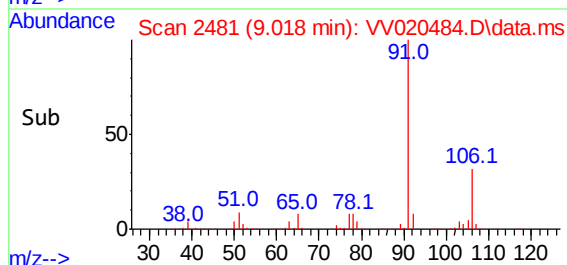
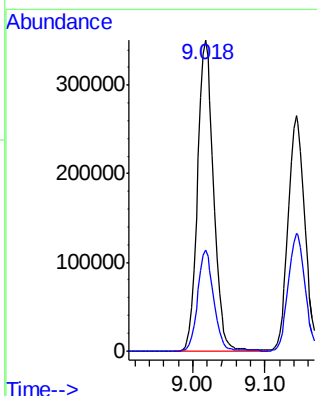
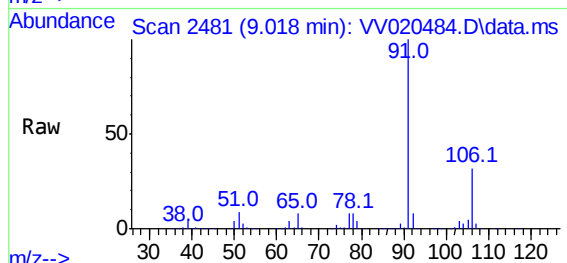




#54
Ethylbenzene
Concen: 4.81 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

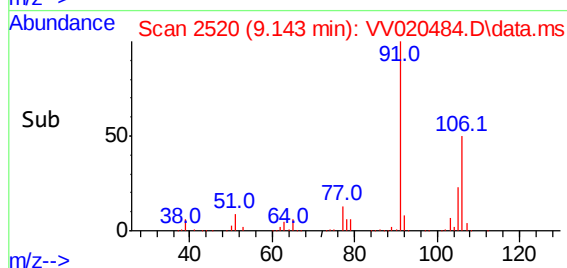
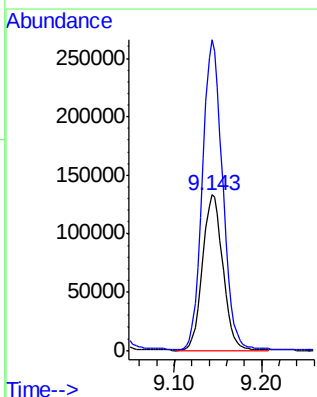
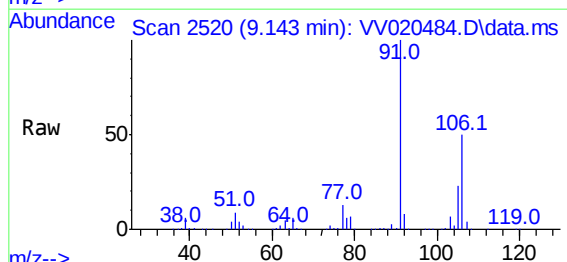
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

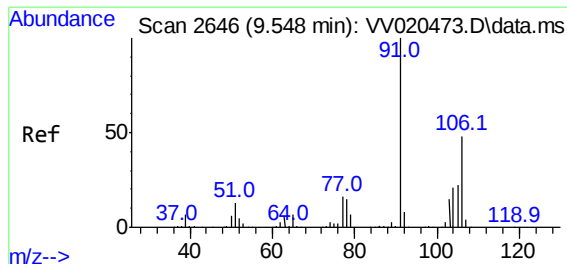
Tgt Ion: 91 Resp: 538952
Ion Ratio Lower Upper
91 100
106 32.3 21.6 40.2



#55
m,p-xylene
Concen: 5.06 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 106 Resp: 213645
Ion Ratio Lower Upper
106 100
91 200.1 141.3 262.3

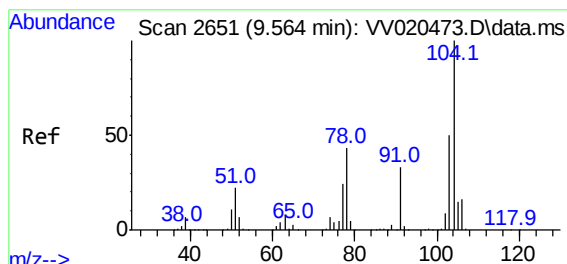
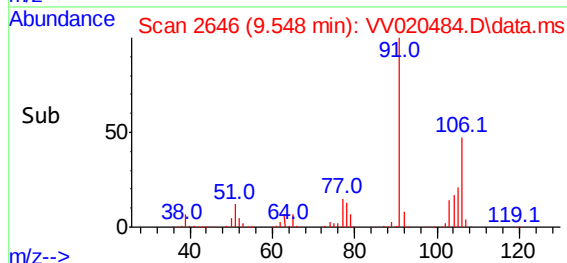
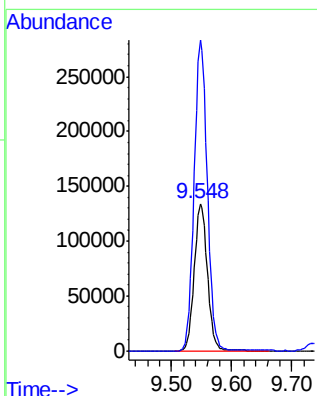
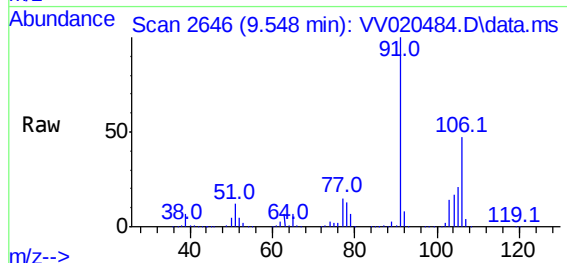




#56
o-xylene
Concen: 5.00 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

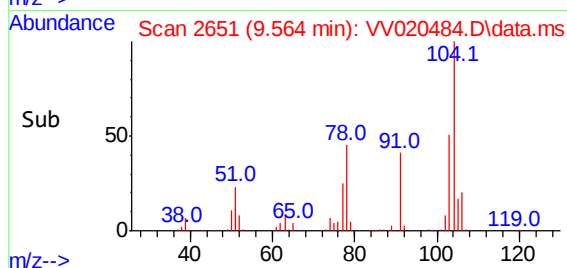
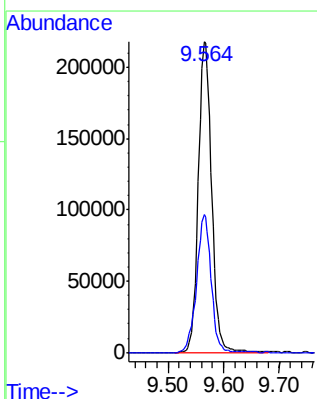
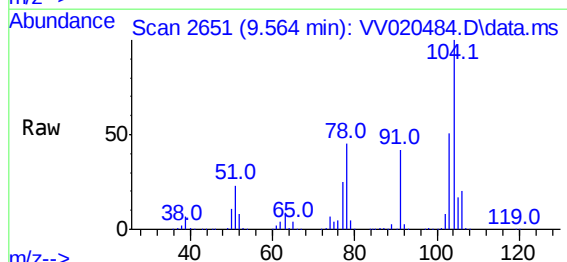
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

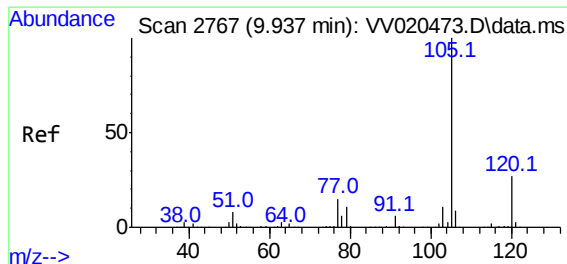
Tgt Ion:106 Resp: 202829
Ion Ratio Lower Upper
106 100
91 211.2 153.9 285.7



#57
Styrene
Concen: 5.27 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion:104 Resp: 359487
Ion Ratio Lower Upper
104 100
78 44.6 34.0 63.2

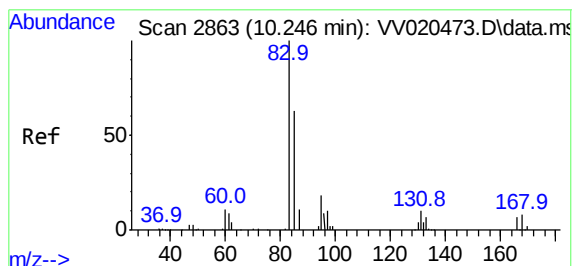
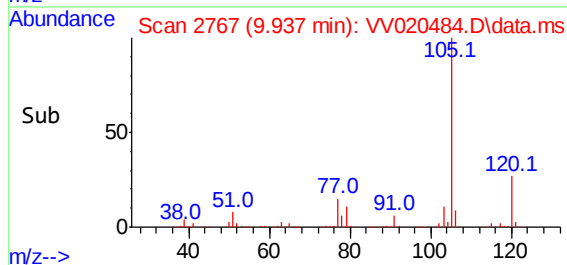
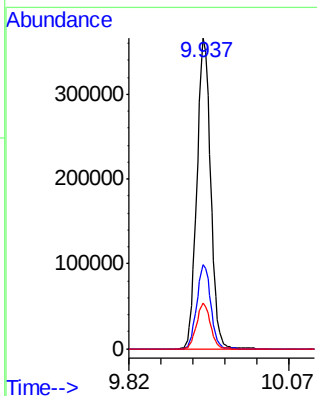
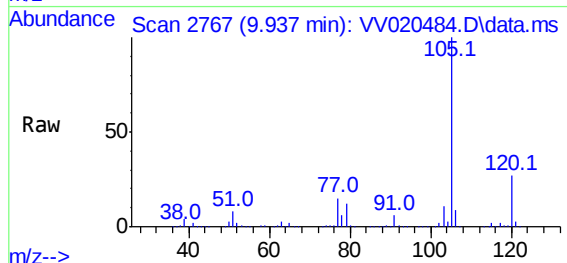




#58
Isopropylbenzene
Concen: 4.99 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

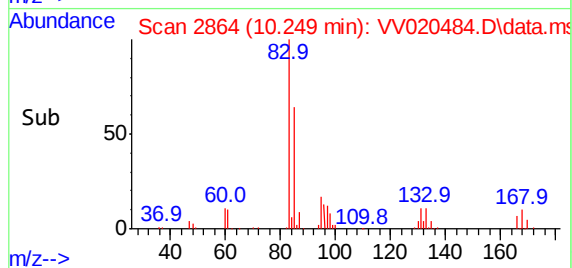
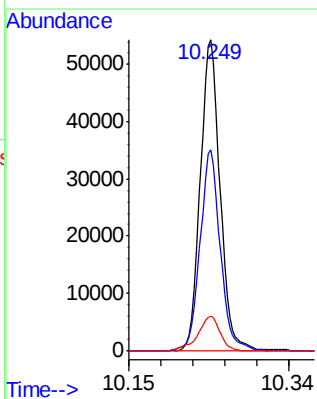
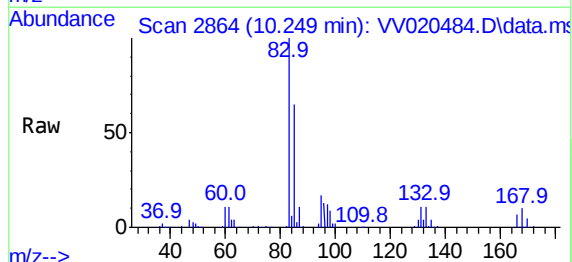
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

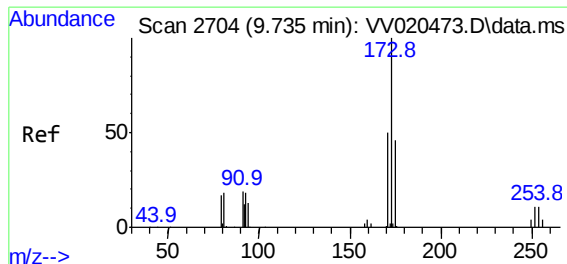
Tgt Ion:105 Resp: 550202
Ion Ratio Lower Upper
105 100
120 27.4 21.1 31.7
77 14.8 13.0 19.6



#60
1,1,2,2-Tetrachloroethane
Concen: 5.04 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 83 Resp: 87086
Ion Ratio Lower Upper
83 100
85 64.8 44.4 82.5
131 11.1 9.2 13.8

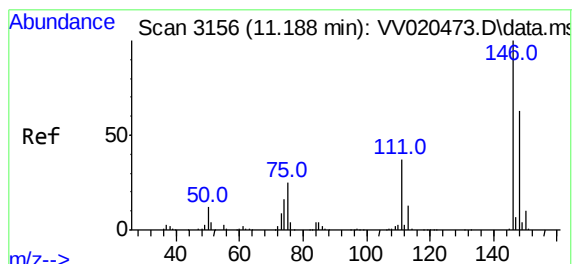
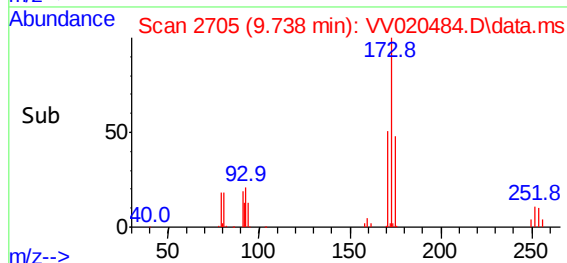
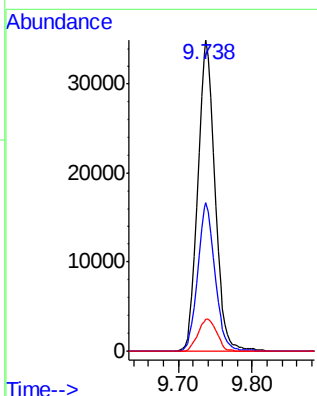
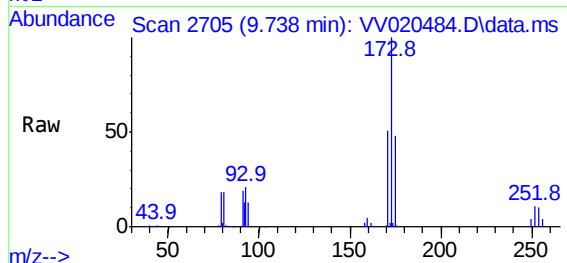




#62
Bromoform
Concen: 5.42 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

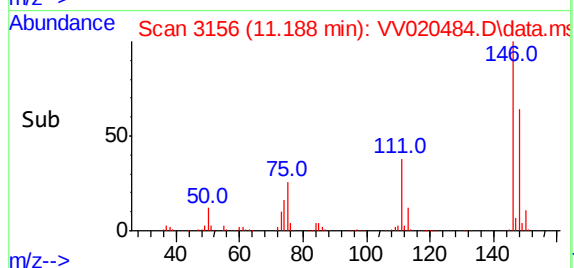
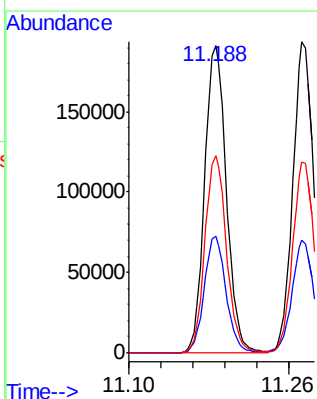
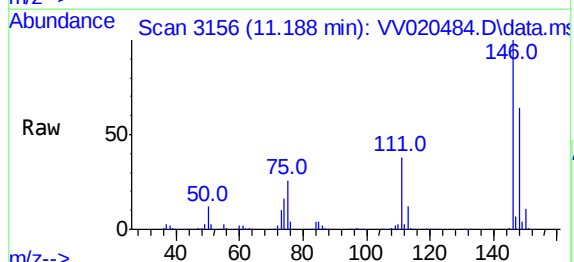
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

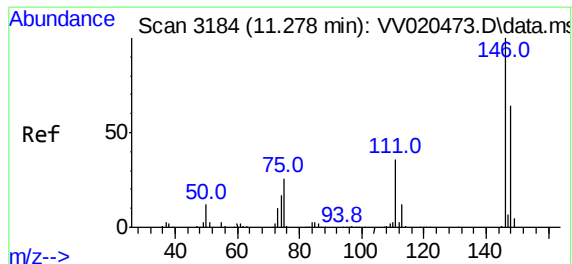
Tgt Ion:173 Resp: 56209
Ion Ratio Lower Upper
173 100
175 47.9 39.6 59.4
254 10.9 8.4 12.6



#63
1,3-Dichlorobenzene
Concen: 5.04 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion:146 Resp: 296696
Ion Ratio Lower Upper
146 100
111 37.8 27.3 50.7
148 64.2 45.6 84.6

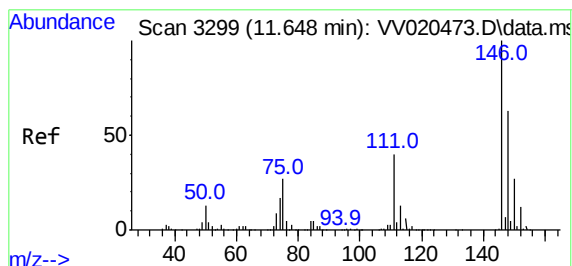
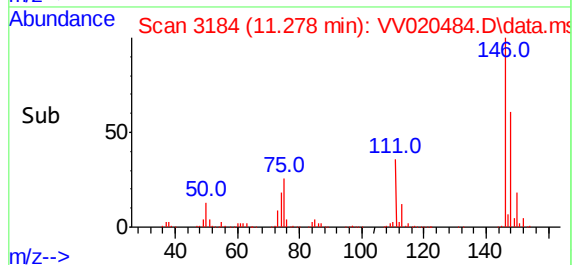
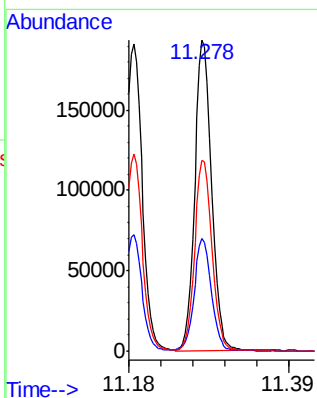
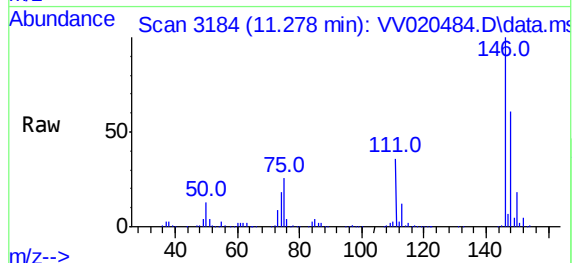




#64
1,4-Dichlorobenzene
Concen: 4.94 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

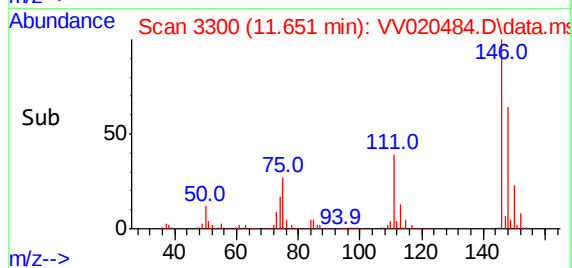
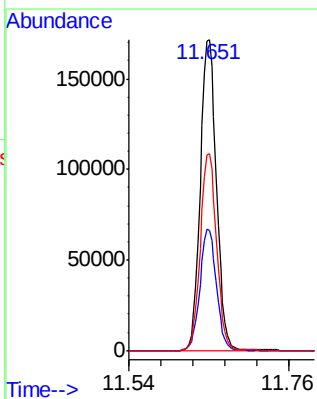
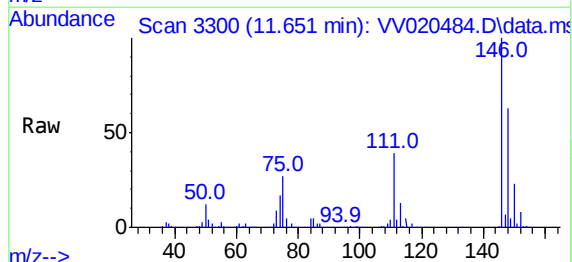
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

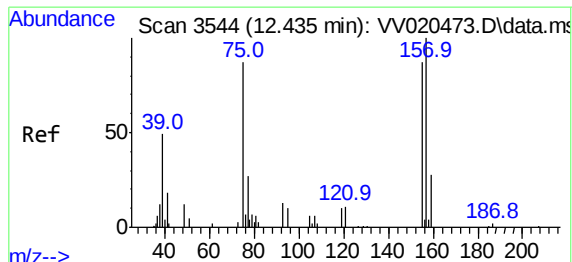
Tgt Ion:146 Resp: 295419
Ion Ratio Lower Upper
146 100
111 36.1 27.4 51.0
148 61.5 43.8 81.4



#66
1,2-Dichlorobenzene
Concen: 5.04 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion:146 Resp: 270122
Ion Ratio Lower Upper
146 100
111 38.8 33.0 49.4
148 63.5 49.9 74.9

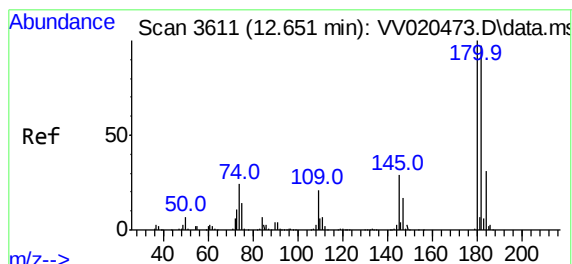
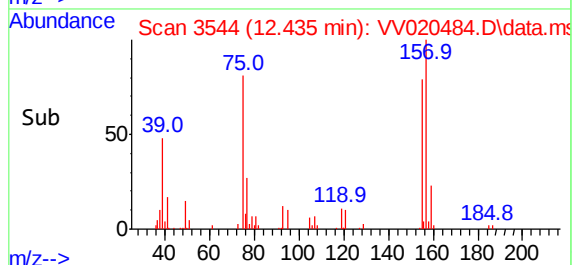
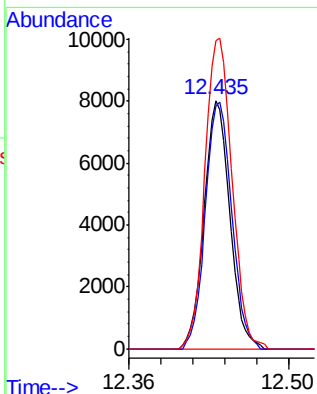
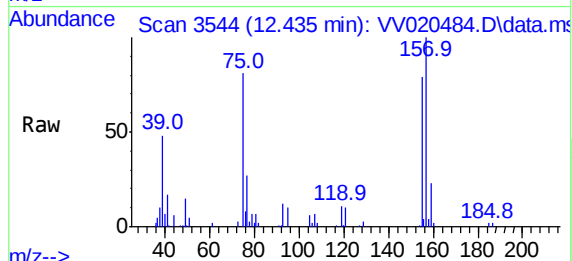




#67
1,2-Dibromo-3-chloropropane
Concen: 4.69 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

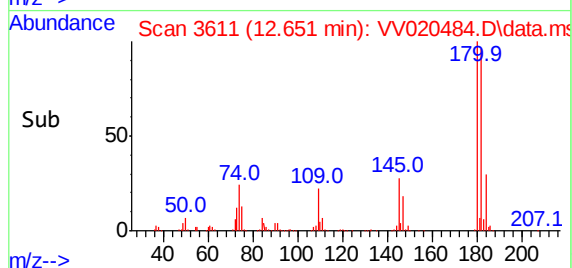
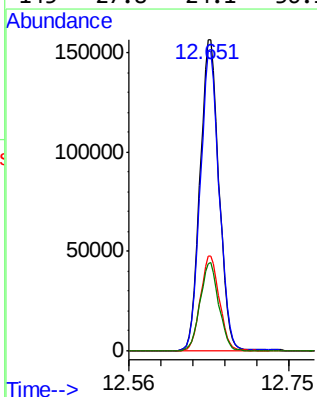
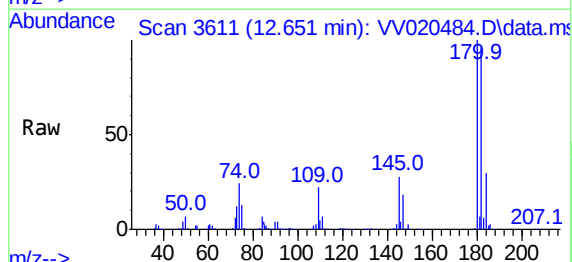
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

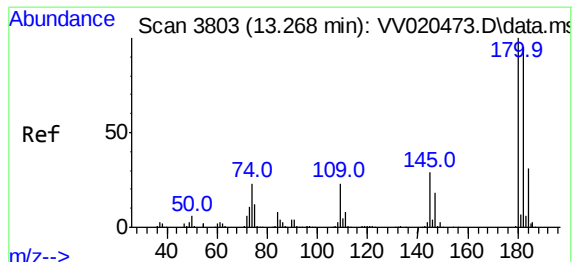
Tgt Ion: 75 Resp: 12330
Ion Ratio Lower Upper
75 100
155 97.5 68.7 103.1
157 124.0 87.8 131.8



#68
1,3,5-Trichlorobenzene
Concen: 5.03 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

Tgt Ion: 180 Resp: 240199
Ion Ratio Lower Upper
180 100
182 96.4 77.1 115.7
184 30.4 25.2 37.8
145 27.8 24.1 36.1

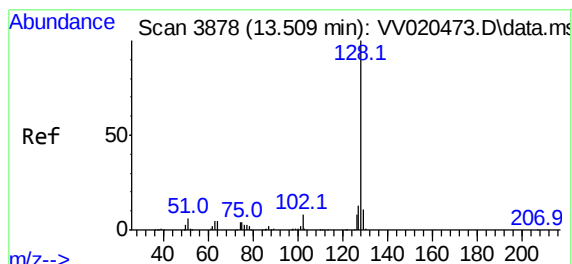
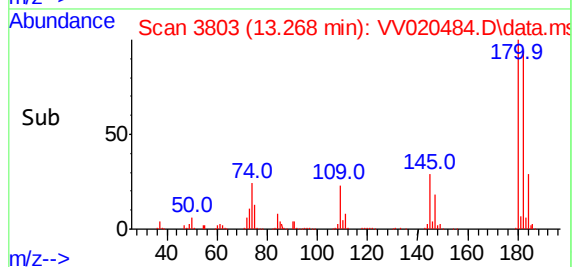
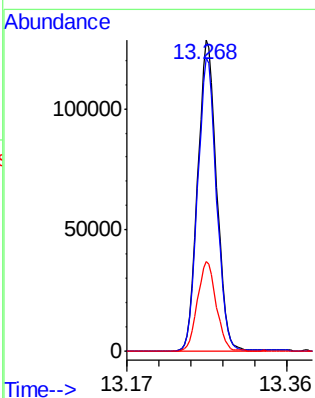
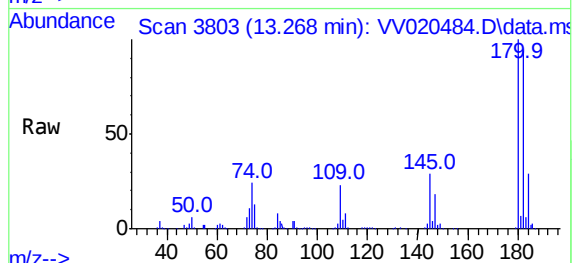




#69
1,2,4-trichlorobenzene
Concen: 5.17 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

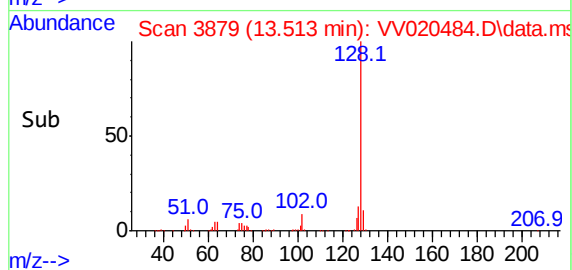
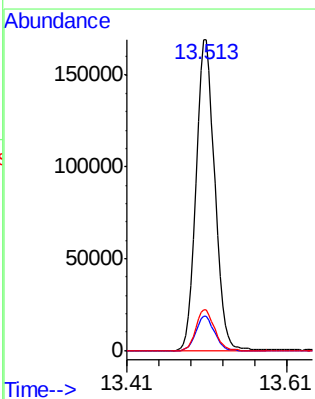
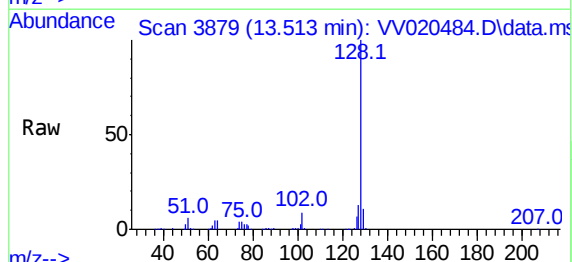
Instrument :
MSVOA_V
ClientSampleId :
VSTD00544

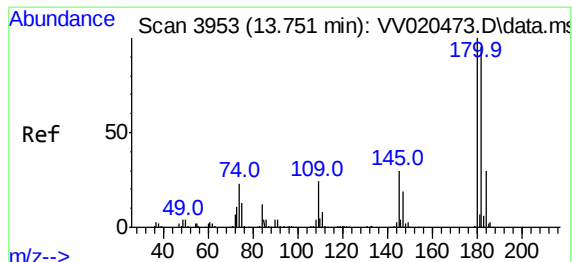
Tgt Ion:180 Resp: 196399
Ion Ratio Lower Upper
180 100
182 94.1 75.4 113.2
145 28.5 24.2 36.2



#70
Naphthalene
Concen: 5.00 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VV020484.D
Acq: 09 Mar 2021 20:25

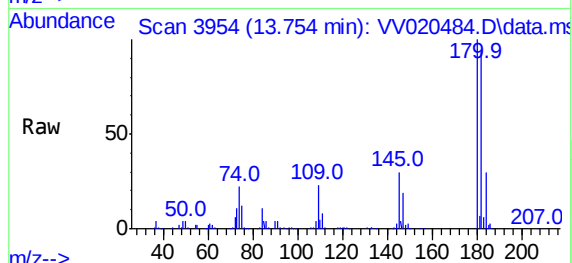
Tgt Ion:128 Resp: 264527
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.0 11.0 16.6





#71
 1,2,3-Trichlorobenzene
 Concen: 5.42 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. 0.003 min
 Lab File: VV020484.D
 Acq: 09 Mar 2021 20:25

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544



Tgt Ion:180 Resp: 179264

Ion	Ratio	Lower	Upper
180	100		
182	95.1	74.2	111.4
145	29.6	26.0	39.0

