

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VV022806.D
 Acq On : 14 Oct 2021 20:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

Quant Time: Oct 15 02:01:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116667	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38142	4.752	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.565	69	33724	4.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.108	63	59569	3.783	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	3.902	46	98099	46.610	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.220%
24) Chloroform-d	4.349	84	90969	5.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.037	65	41185	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.053	84	173074	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.072	67	54526	5.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.317	98	164907	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
43) trans-1,3-Dichloroprop...	7.625	79	17865	5.107	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.092	63	90307	64.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42586	5.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	62465	5.082	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45909	5.399	ug/L	97
3) Chloromethane	1.240	50	48480	5.673	ug/L	98
5) Vinyl chloride	1.307	62	48176	5.456	ug/L	98
6) Bromomethane	1.519	94	27219	4.945	ug/L	99
8) Chloroethane	1.584	64	26450	4.842	ug/L	98
9) Trichlorofluoromethane	1.751	101	65129	5.036	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	31361	4.168	ug/L	97
12) 1,1-Dichloroethene	2.118	96	29391	4.171	ug/L	85
13) Acetone	2.195	43	20643	17.589	ug/L	# 1
14) Carbon disulfide	2.291	76	114025	5.757	ug/L	100
15) Methyl Acetate	2.442	43	14828	4.416	ug/L	97
16) Methylene chloride	2.507	84	58032	5.983	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	84743	4.969	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	42552	5.552	ug/L	95
19) 1,1-Dichloroethane	3.191	63	76215	5.521	ug/L	97
21) 2-Butanone	3.989	43	84196	43.815	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	44293	5.504	ug/L	95
23) Bromochloromethane	4.249	128	20429	5.714	ug/L	96
25) Chloroform	4.378	83	80115	5.007	ug/L	97

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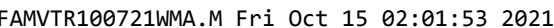
Instrument :
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 ClientSampleId :
 VSTD005310

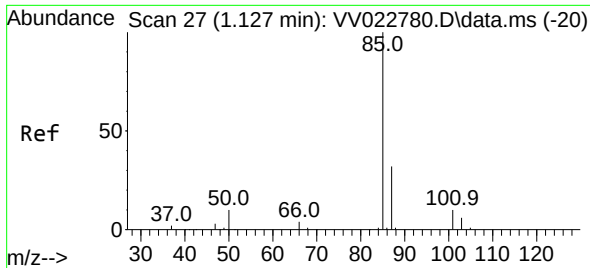
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	41232	5.163	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	69272	5.071	ug/L	99
30) Cyclohexane	4.680	56	59065	4.686	ug/L	99
31) Carbon tetrachloride	4.828	117	61406	5.179	ug/L	100
33) Benzene	5.101	78	168016	5.215	ug/L	100
34) Trichloroethene	5.915	95	42681	4.872	ug/L	97
35) Methylcyclohexane	6.133	83	62857	5.121	ug/L	96
37) 1,2-Dichloropropane	6.175	63	39709	5.125	ug/L	100
38) Bromodichloromethane	6.513	83	51736	5.419	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	54137	5.278	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	228394	54.858	ug/L	98
42) Toluene	7.391	91	183144	5.600	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	45836	5.481	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	30572	5.317	ug/L	96
47) Tetrachloroethene	7.976	164	36516	5.154	ug/L	99
48) 2-Hexanone	8.143	43	167415	54.996	ug/L	97
49) Dibromochloromethane	8.249	129	37712	5.603	ug/L	89
50) 1,2-Dibromoethane	8.355	107	28369	5.284	ug/L	99
51) Chlorobenzene	8.883	112	118699	5.523	ug/L	98
52) Ethylbenzene	9.014	91	183213	5.518	ug/L	100
53) m,p-xylene	9.140	106	74062	5.683	ug/L	97
54) o-xylene	9.545	106	69831	5.696	ug/L	96
55) Styrene	9.561	104	123859	5.863	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	36670	6.304	ug/L	99
59) Bromoform	9.735	173	20610	5.549	ug/L	98
60) Isopropylbenzene	9.934	105	185433	5.506	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	24860	5.397	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	147435	5.418	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	152971	5.618	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	97752	5.531	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	95808	5.338	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	90965	5.487	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5212	6.216	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	74257	5.577	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	58504	5.752	ug/L	98
71) Naphthalene	13.503	128	94160	5.824	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	55553	5.792	ug/L	99

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

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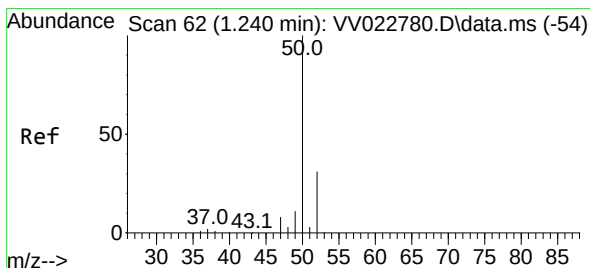
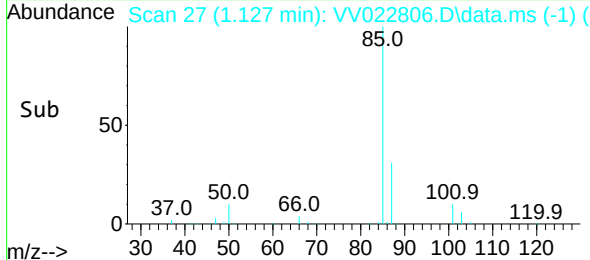
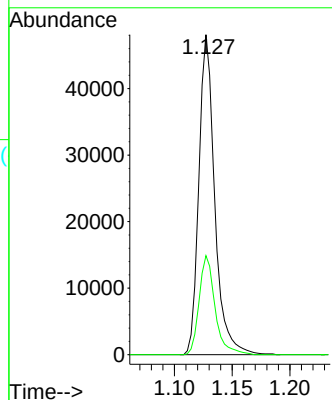
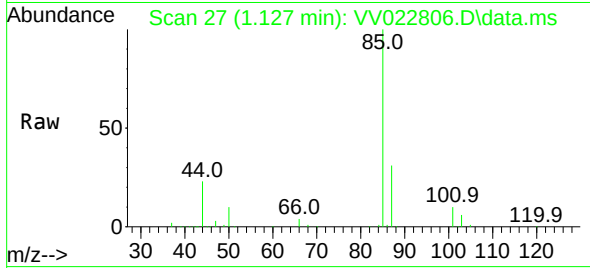




#2
 Dichlorodifluoromethane
 Concen: 5.399 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

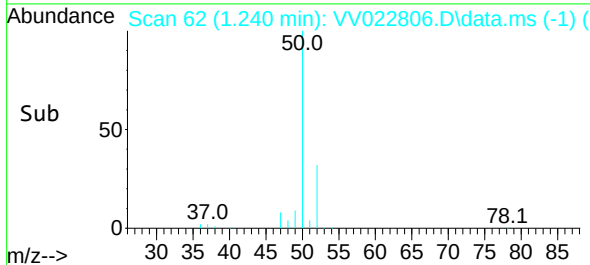
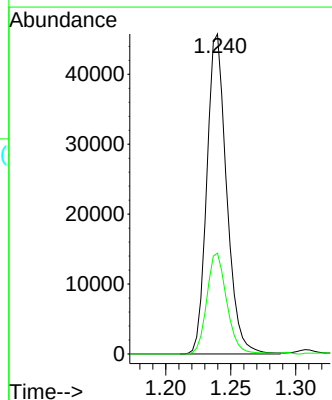
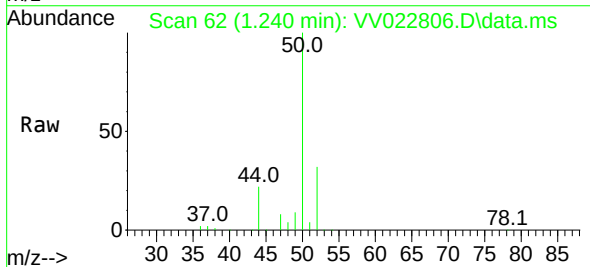
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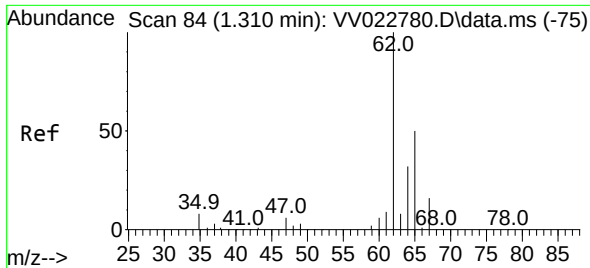
Tgt Ion: 85 Resp: 45909
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.3 39.5



#3
 Chloromethane
 Concen: 5.673 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

Tgt Ion: 50 Resp: 48480
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.9 42.5

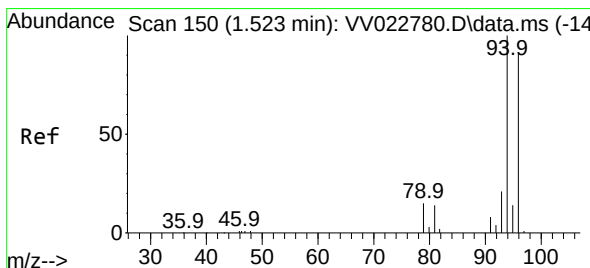
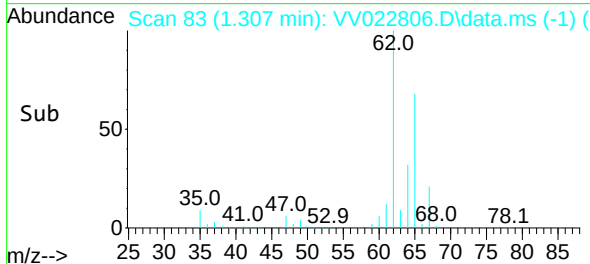
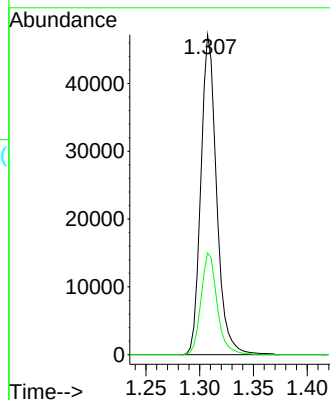
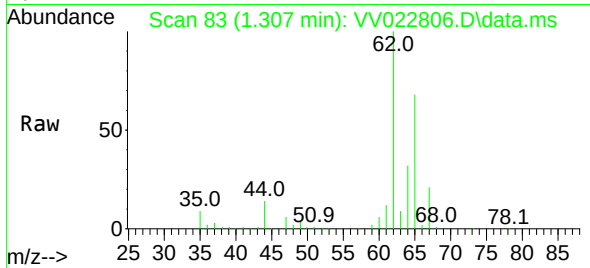




#5
 Vinyl chloride
 Concen: 5.456 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

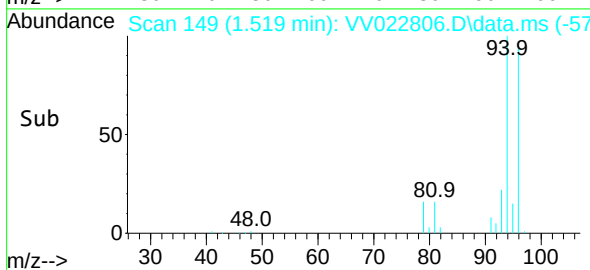
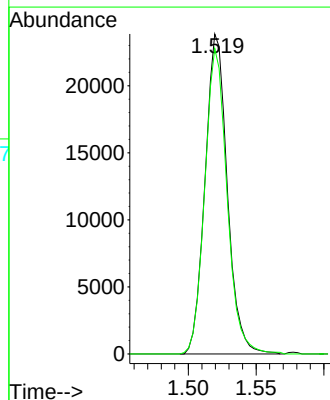
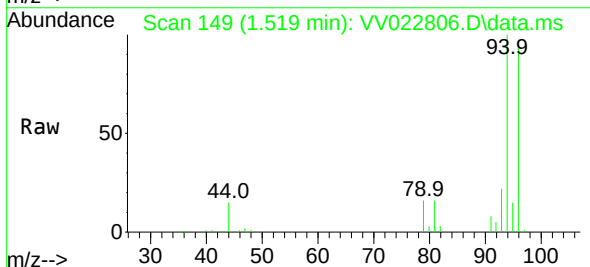
Instrument :
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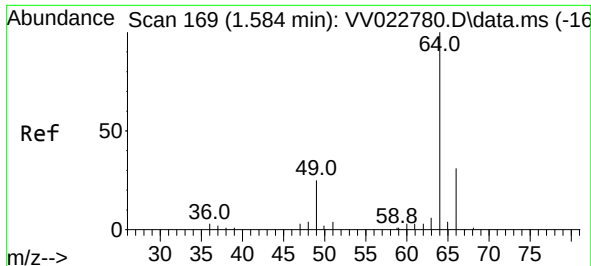
Tgt Ion: 62 Resp: 48176
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.0 42.8



#6
 Bromomethane
 Concen: 4.945 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

Tgt Ion: 94 Resp: 27219
 Ion Ratio Lower Upper
 94 100
 96 95.5 67.2 124.8

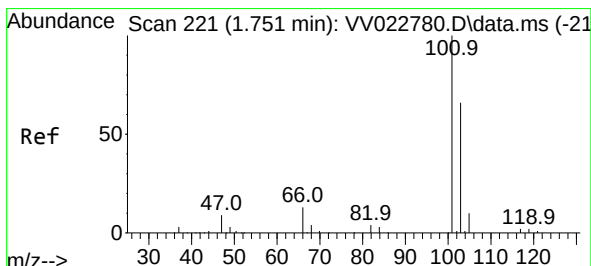
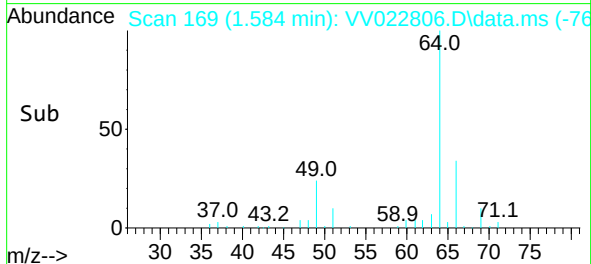
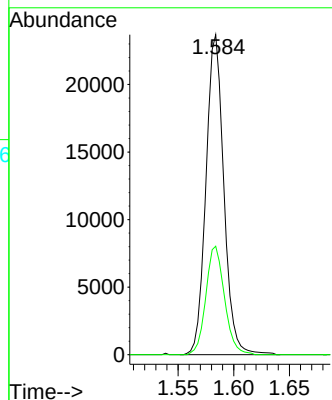
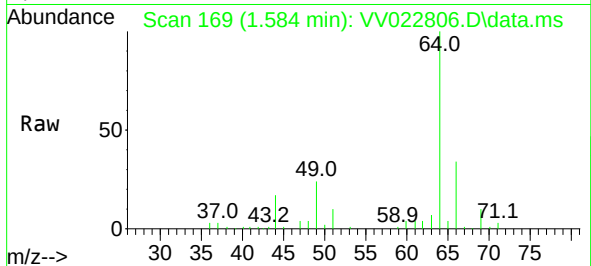




#8
Chloroethane
Concen: 4.842 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

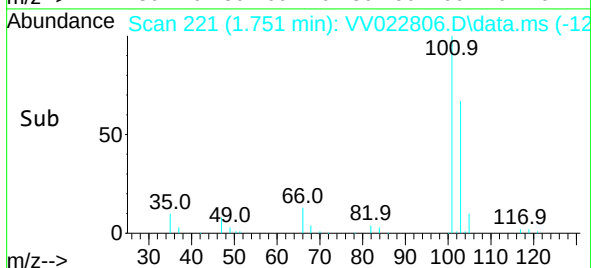
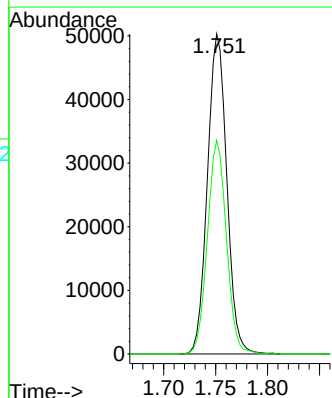
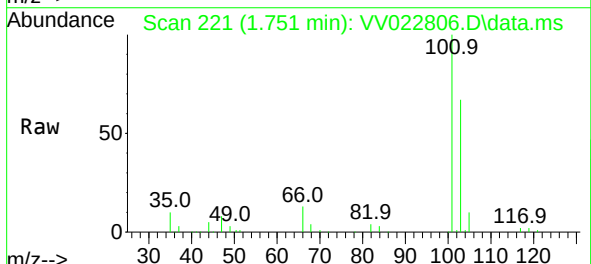
Instrument :
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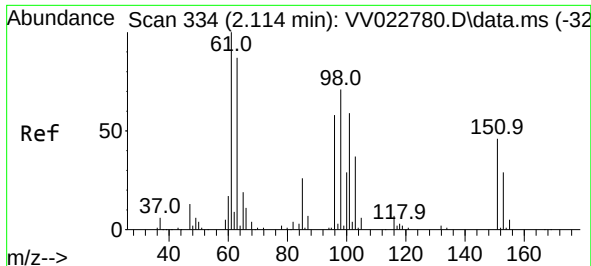
Tgt Ion: 64 Resp: 26450
Ion Ratio Lower Upper
64 100
66 33.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.036 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion:101 Resp: 65129
Ion Ratio Lower Upper
101 100
103 65.5 50.3 75.5

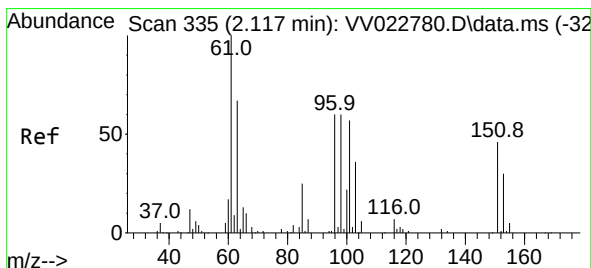
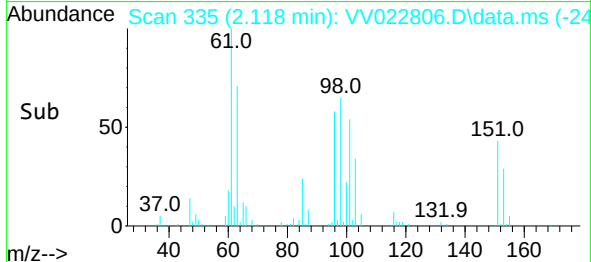
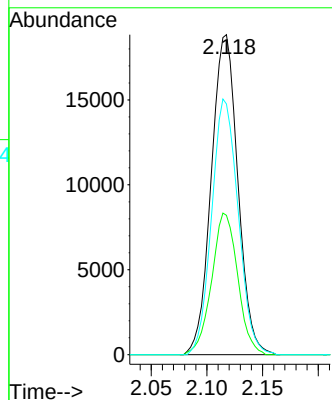
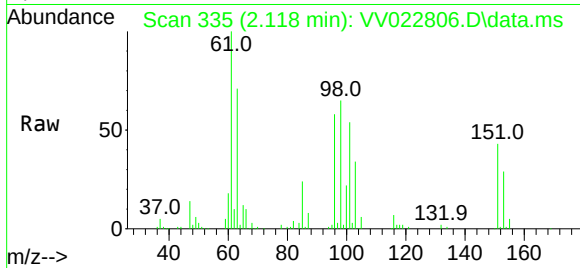




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.168 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

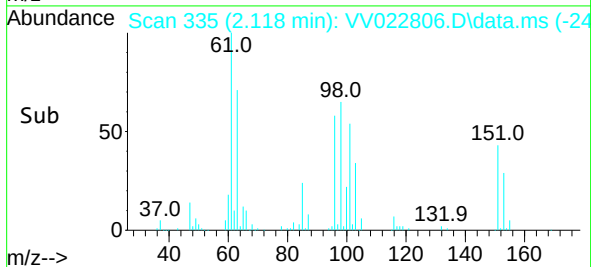
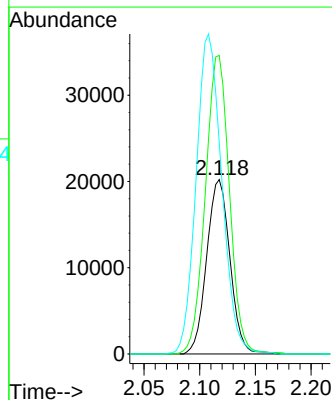
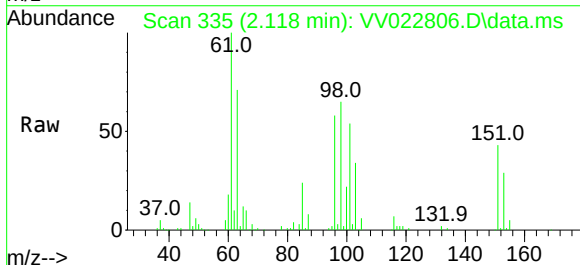
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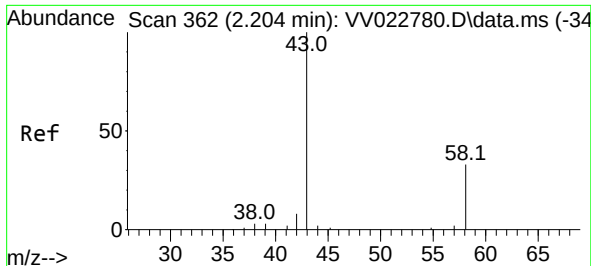
Tgt Ion:101 Resp: 31361
Ion Ratio Lower Upper
101 100
85 43.3 34.6 52.0
151 79.7 60.9 91.3



#12
1,1-Dichloroethene
Concen: 4.171 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 96 Resp: 29391
Ion Ratio Lower Upper
96 100
61 171.1 127.3 236.5
63 121.1 106.2 197.2

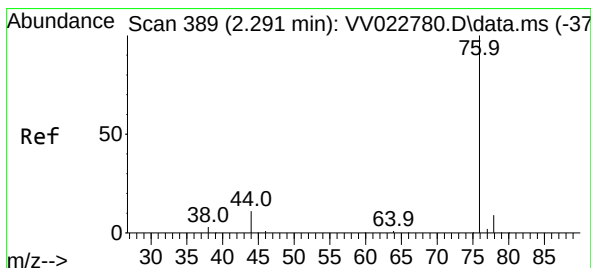
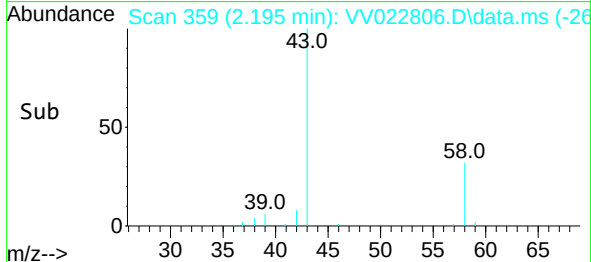
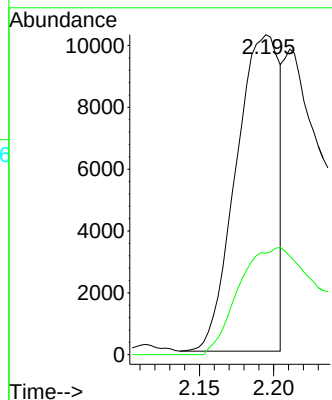
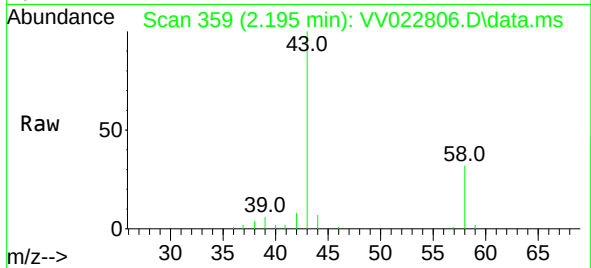




#13
Acetone
Concen: 17.589 ug/L
RT: 2.195 min Scan# 359
Delta R.T. -0.010 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

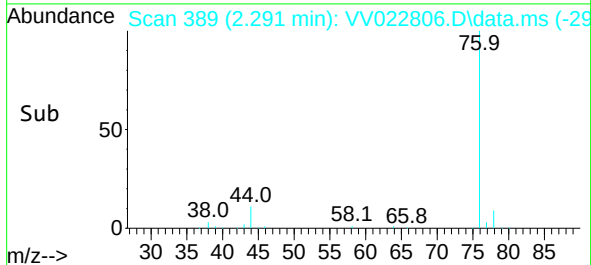
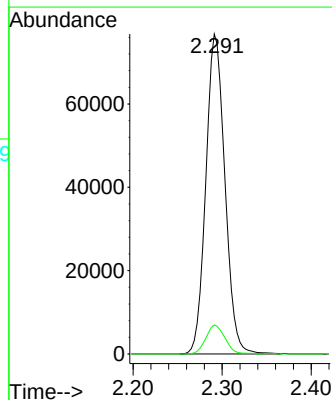
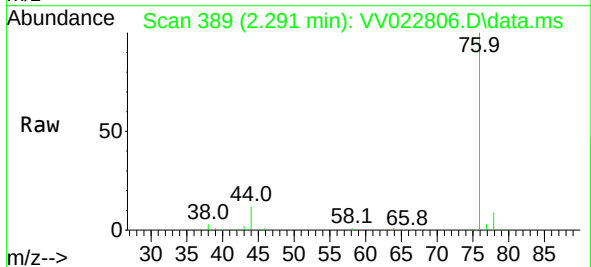
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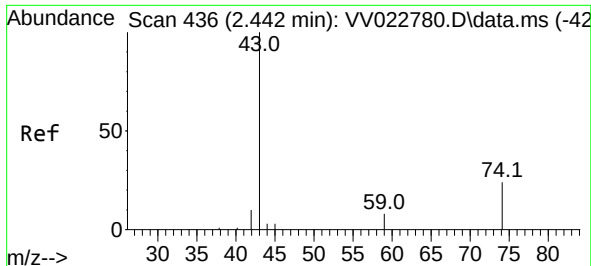
Tgt Ion: 43 Resp: 20643
Ion Ratio Lower Upper
43 100
58 75.0 0.0 24.2#



#14
Carbon disulfide
Concen: 5.757 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 76 Resp: 114025
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

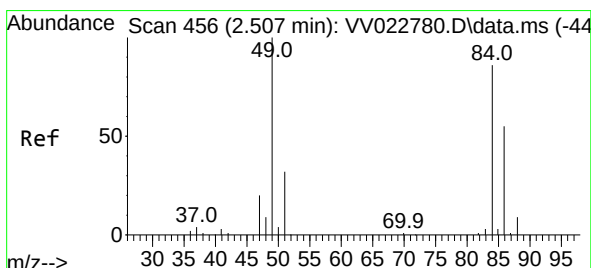
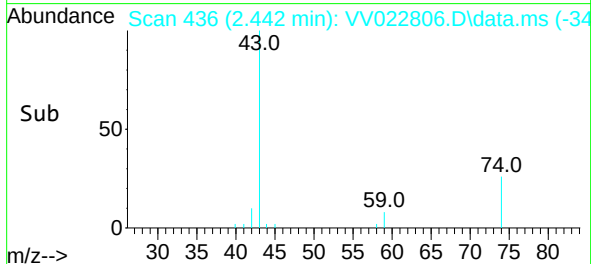
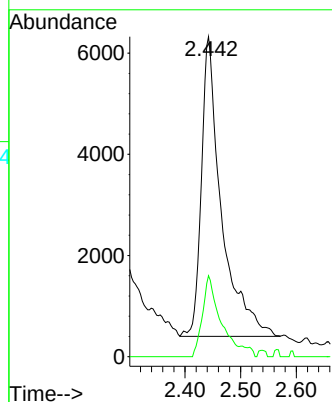
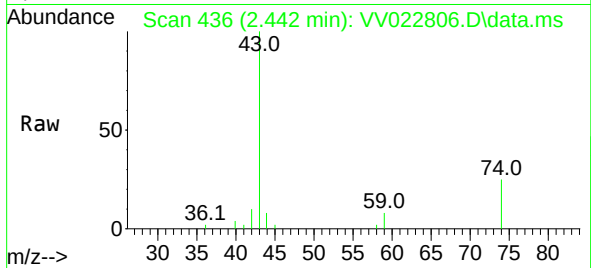




#15
Methyl Acetate
Concen: 4.416 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

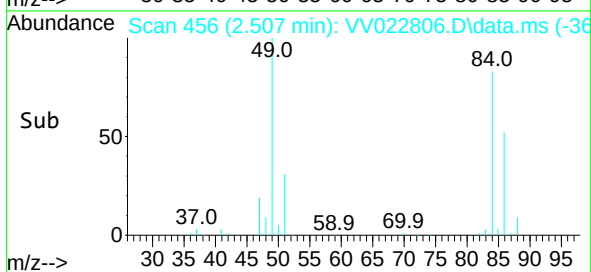
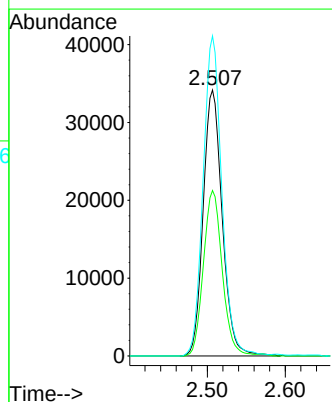
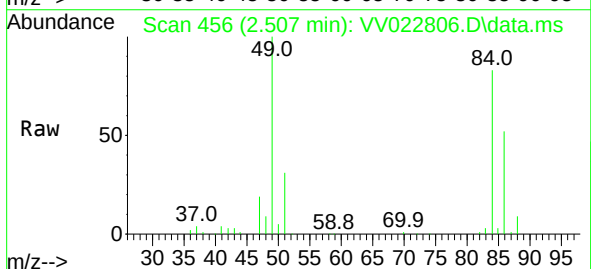
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

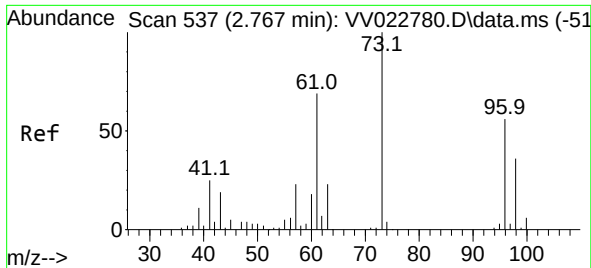
Tgt Ion: 43 Resp: 14828
Ion Ratio Lower Upper
43 100
74 23.5 19.9 29.9



#16
Methylene chloride
Concen: 5.983 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

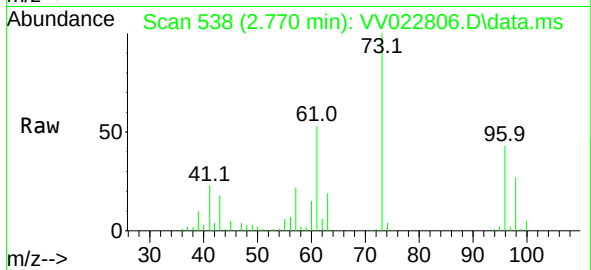
Tgt Ion: 84 Resp: 58032
Ion Ratio Lower Upper
84 100
86 62.2 45.8 85.2
49 120.3 90.3 167.7



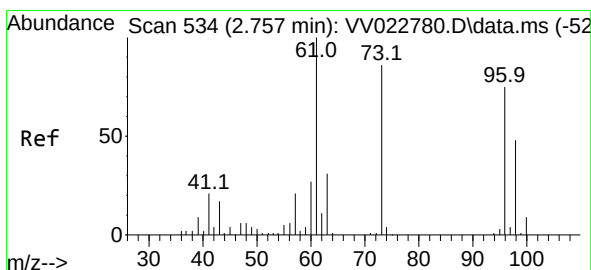
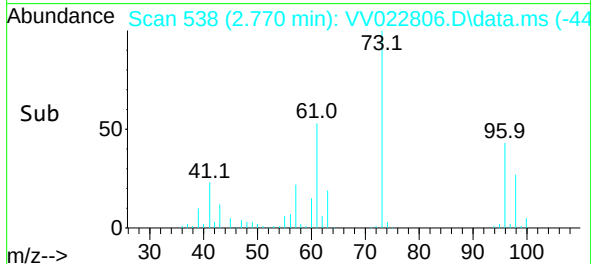
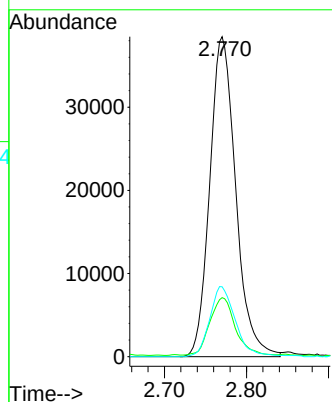


#17
Methyl tert-butyl Ether
Concen: 4.969 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

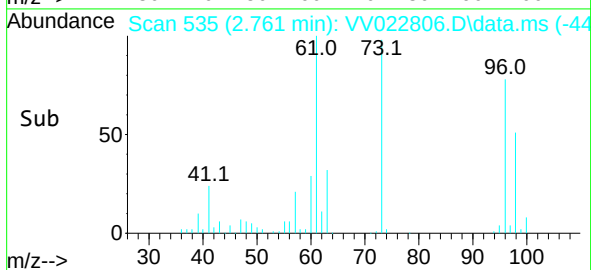
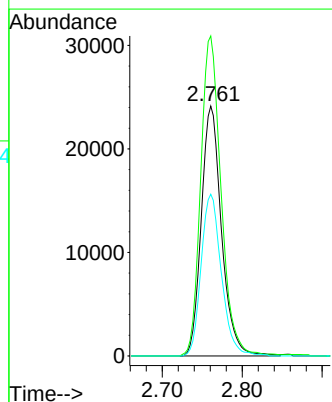
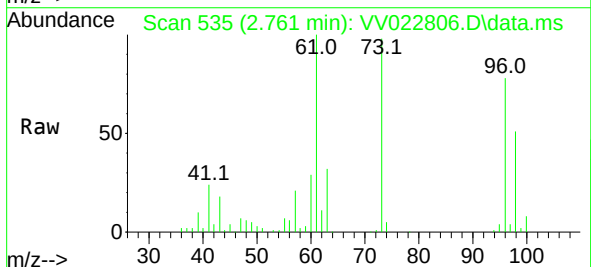


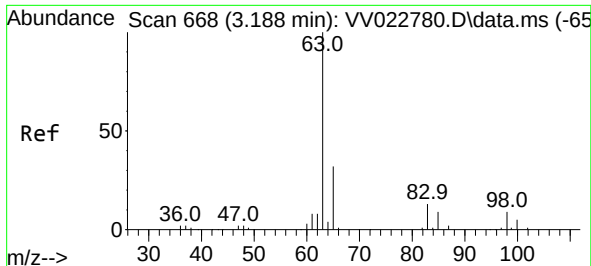
Tgt Ion: 73 Resp: 84743
Ion Ratio Lower Upper
73 100
43 17.5 17.1 25.7
57 21.7 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.552 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 96 Resp: 42552
Ion Ratio Lower Upper
96 100
61 128.0 94.5 175.5
98 64.7 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.521 ug/L

RT: 3.191 min Scan# 669

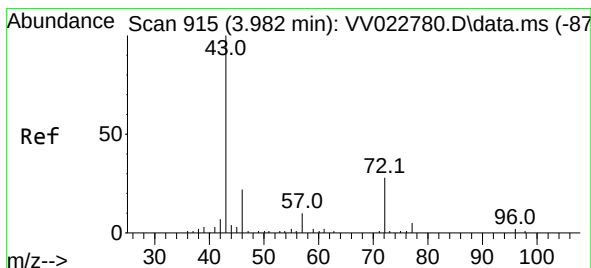
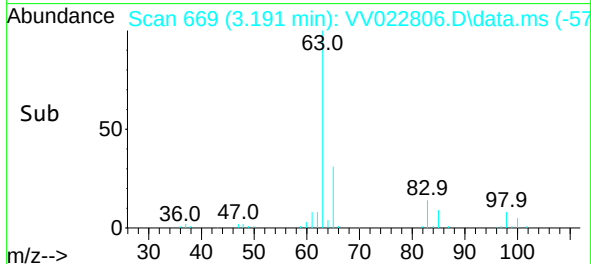
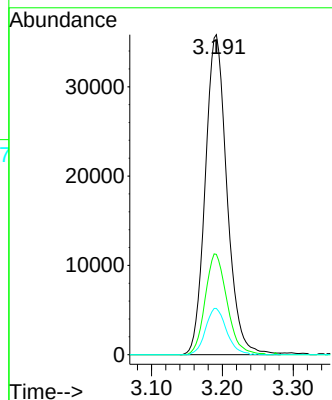
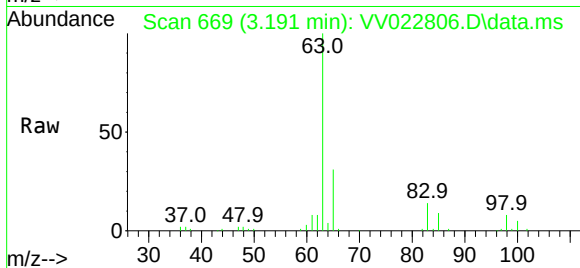
Delta R.T. 0.003 min

Lab File: VV022806.D

Acq: 14 Oct 2021 20:40

Tgt Ion: 63 Resp: 76215

Ion	Ratio	Lower	Upper
63	100		
65	31.4	23.5	43.7
83	14.4	10.1	18.7



#21

2-Butanone

Concen: 43.815 ug/L

RT: 3.989 min Scan# 917

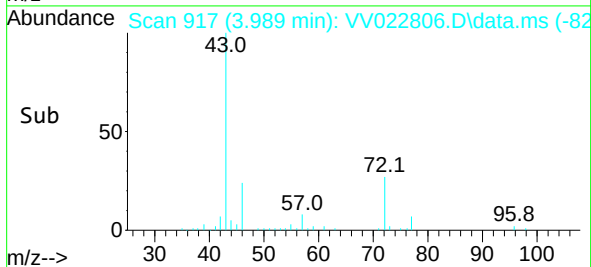
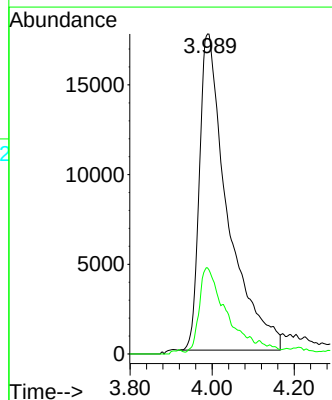
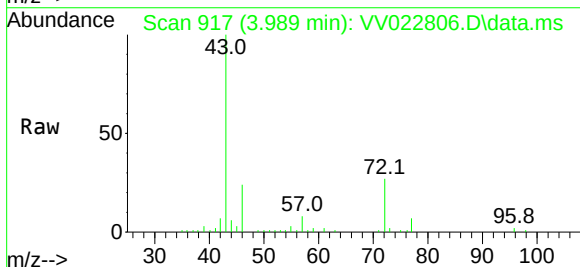
Delta R.T. 0.006 min

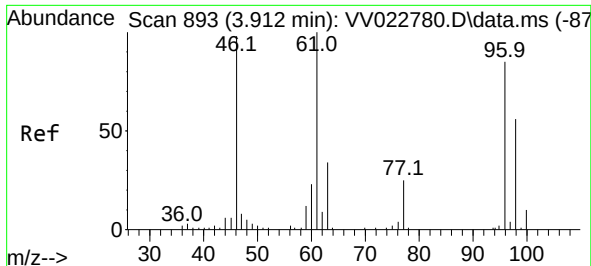
Lab File: VV022806.D

Acq: 14 Oct 2021 20:40

Tgt Ion: 43 Resp: 84196

Ion	Ratio	Lower	Upper
43	100		
72	23.7	12.3	36.8



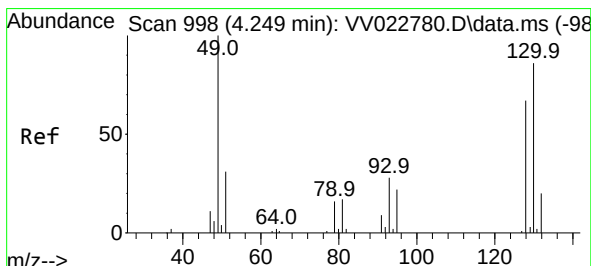
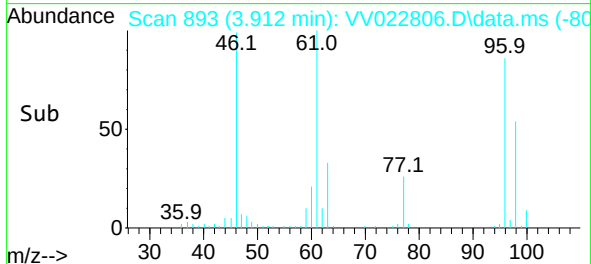
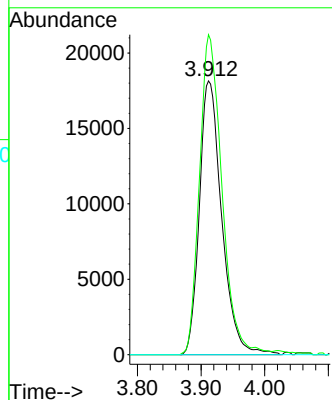
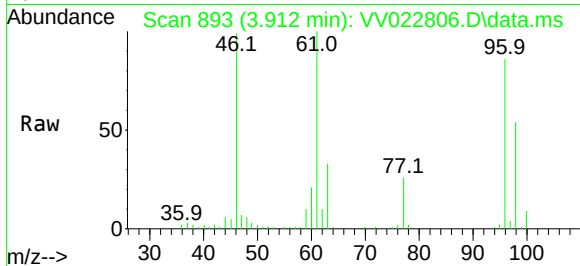


#22
 cis-1,2-Dichloroethene
 Concen: 5.504 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

Tgt Ion: 96 Resp: 44293

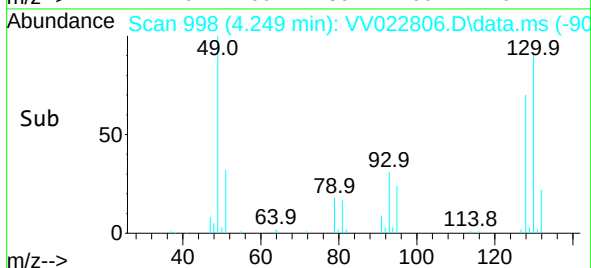
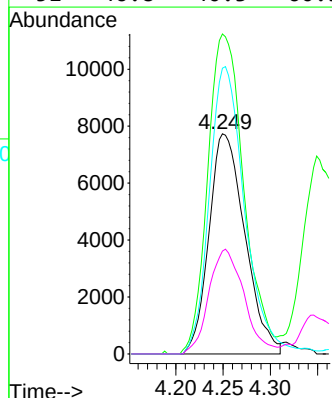
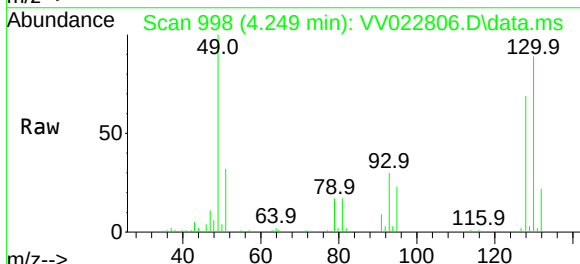
Ion	Ratio	Lower	Upper
96	100		
61	116.9	86.0	159.6
68	0.0	0.0	0.0

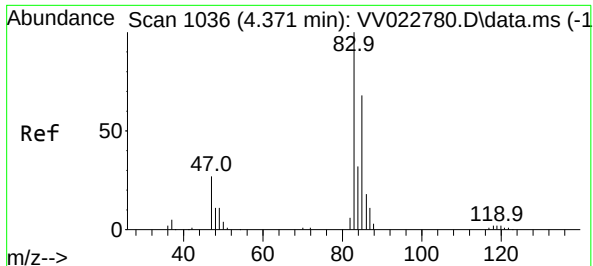


#23
 Bromochloromethane
 Concen: 5.714 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

Tgt Ion: 128 Resp: 20429

Ion	Ratio	Lower	Upper
128	100		
49	145.3	106.9	198.5
130	129.8	91.9	170.7
51	46.8	40.3	60.5





#25

Chloroform

Concen: 5.007 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022806.D

Acq: 14 Oct 2021 20:40

Tgt Ion: 83 Resp: 80115

Ion Ratio Lower Upper

83 100

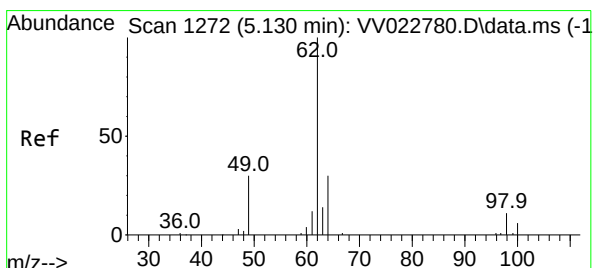
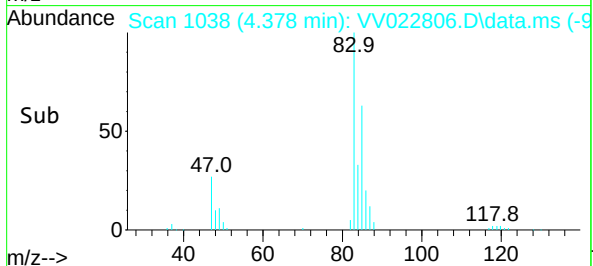
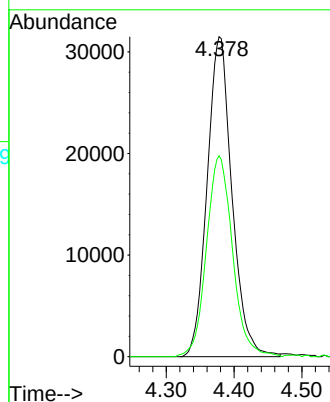
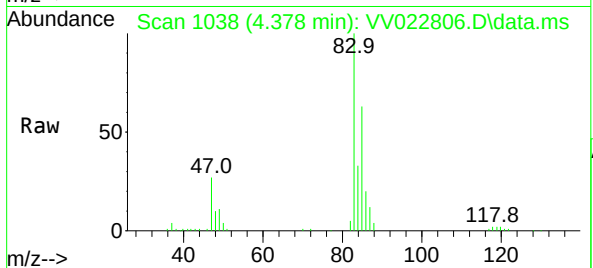
85 62.8 45.7 84.9

Instrument :

MSVOA_V

ClientSampled :

VSTD005310



#27

1,2-Dichloroethane

Concen: 5.163 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV022806.D

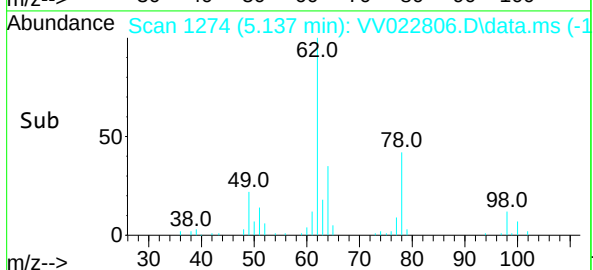
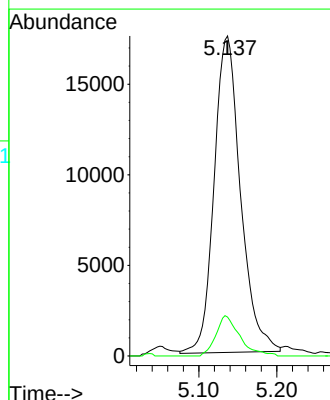
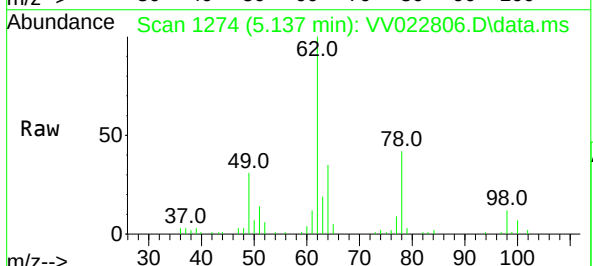
Acq: 14 Oct 2021 20:40

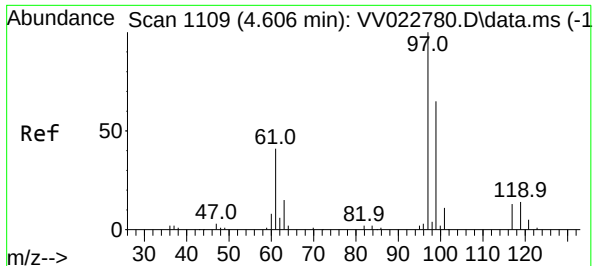
Tgt Ion: 62 Resp: 41232

Ion Ratio Lower Upper

62 100

98 12.1 9.7 14.5



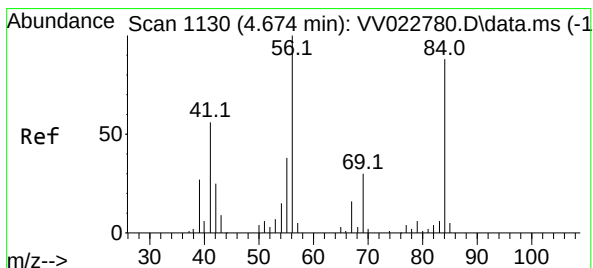
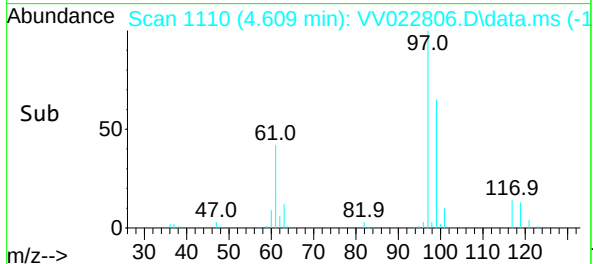
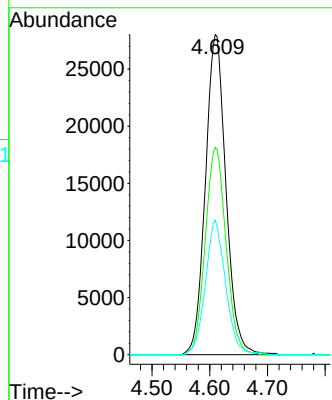
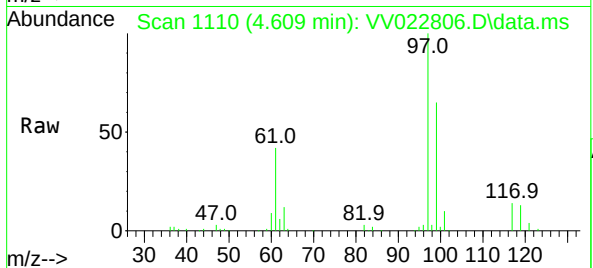


#29

1,1,1-Trichloroethane
Concen: 5.071 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

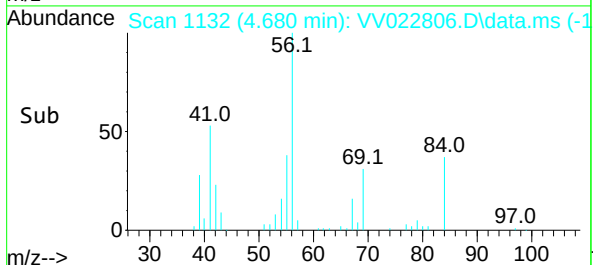
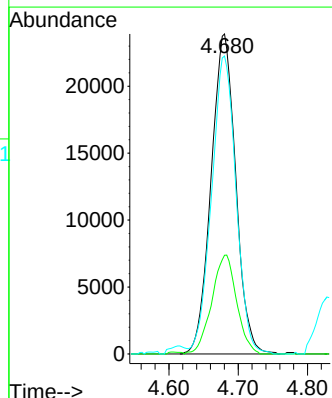
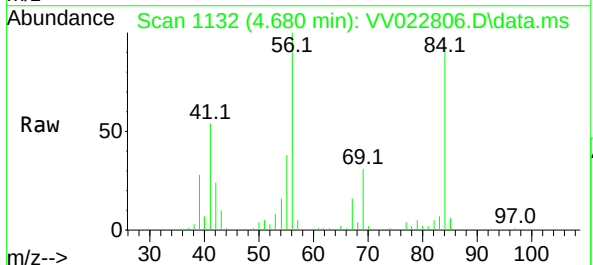
Tgt Ion:	97	Resp:	69272
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.2	76.8
61	41.1	33.2	49.8

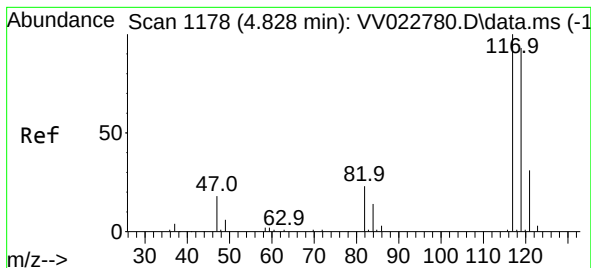


#30

Cyclohexane
Concen: 4.686 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion:	56	Resp:	59065
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	92.5	72.5	108.7

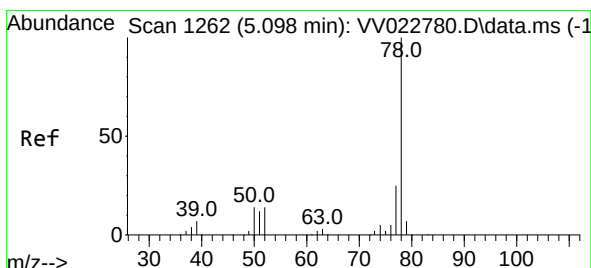
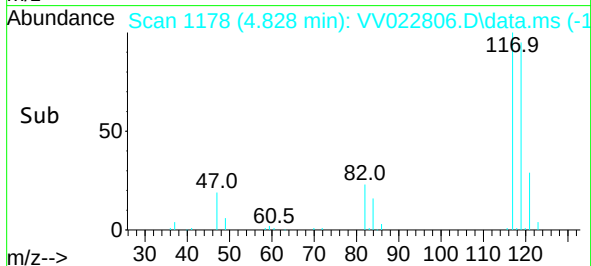
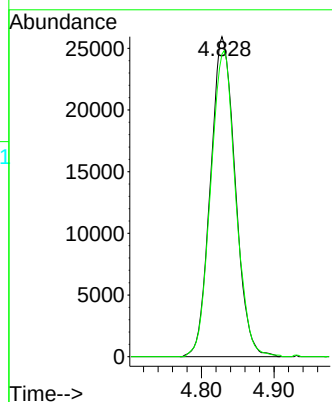
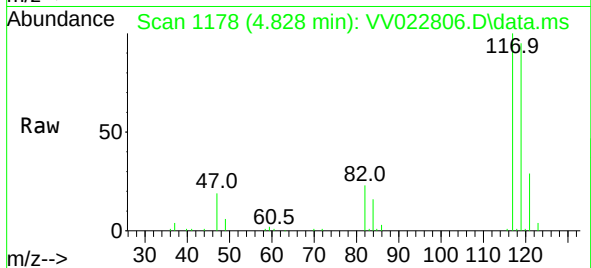




#31
Carbon tetrachloride
Concen: 5.179 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

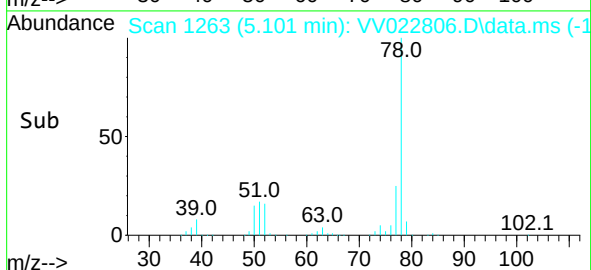
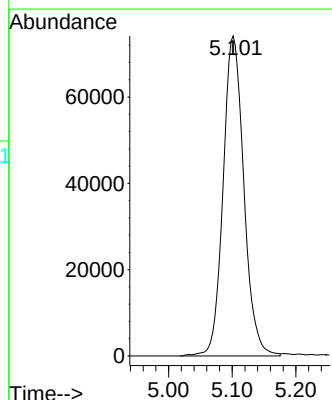
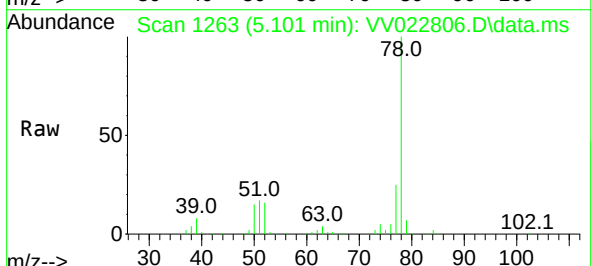
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

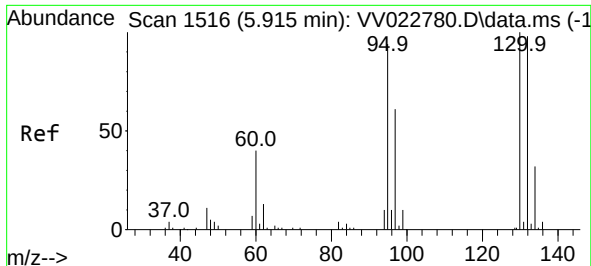
Tgt Ion:117 Resp: 61406
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0



#33
Benzene
Concen: 5.215 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 78 Resp: 168016

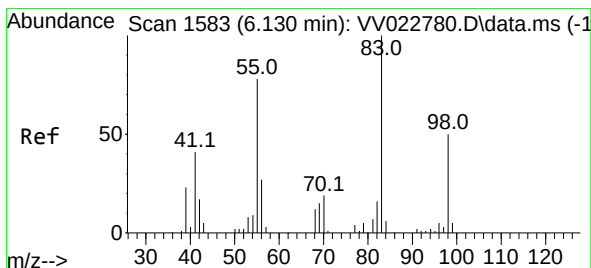
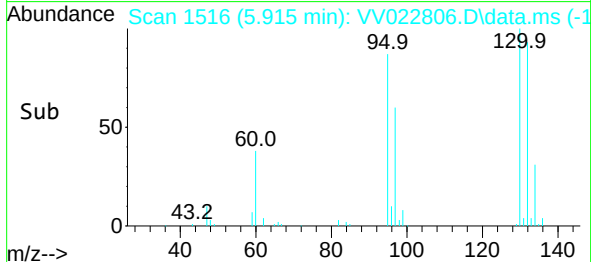
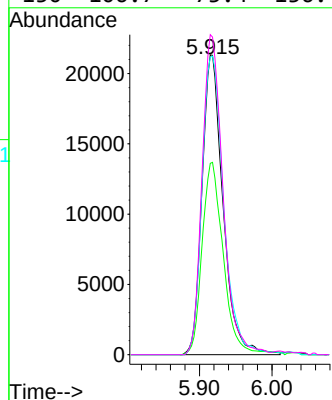
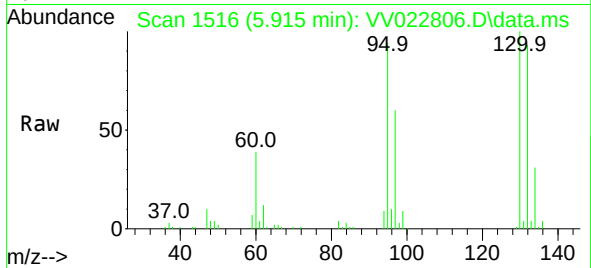




#34
Trichloroethene
Concen: 4.872 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

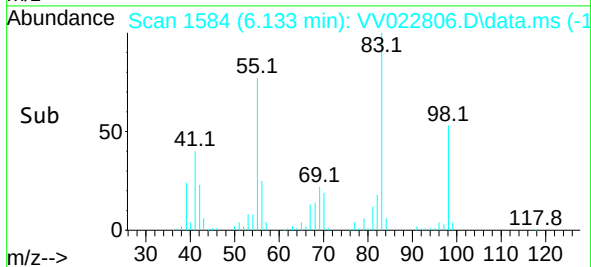
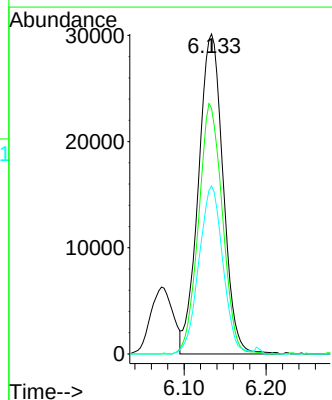
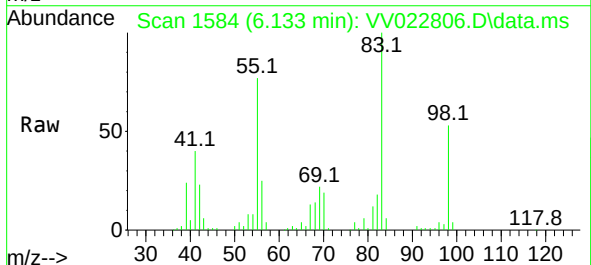
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

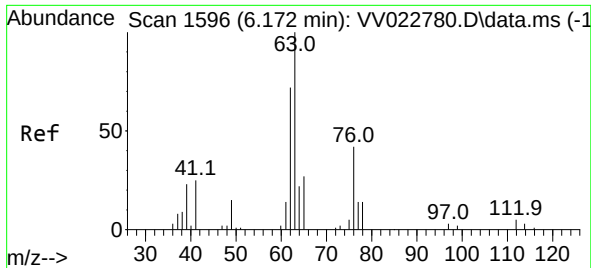
Tgt Ion: 95 Resp: 42681
Ion Ratio Lower Upper
95 100
97 63.8 45.8 85.2
132 99.2 72.2 134.0
130 106.7 73.4 136.4



#35
Methylcyclohexane
Concen: 5.121 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 83 Resp: 62857
Ion Ratio Lower Upper
83 100
55 75.7 63.8 95.6
98 51.1 42.1 63.1

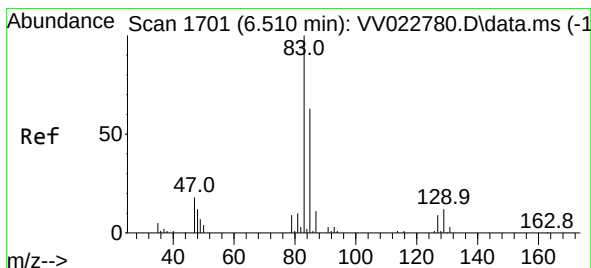
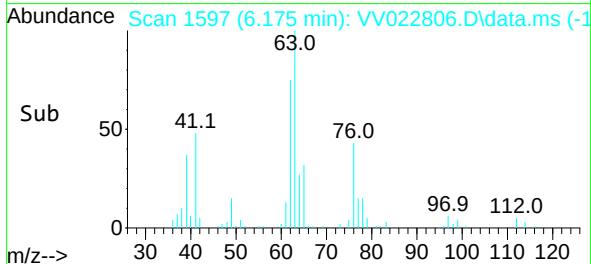
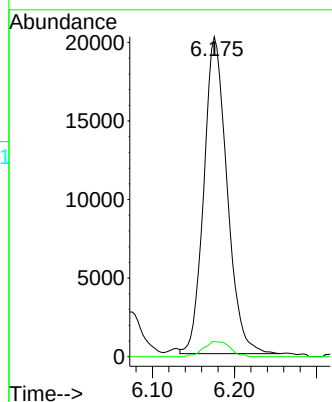
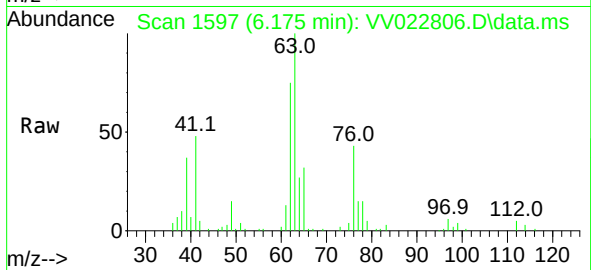




#37
1,2-Dichloropropane
Concen: 5.125 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

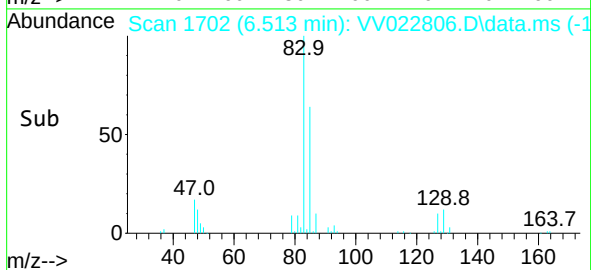
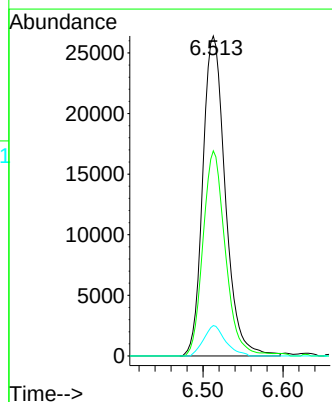
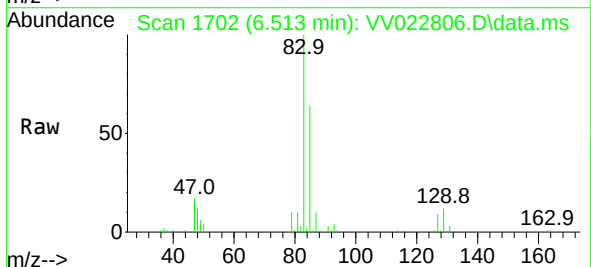
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

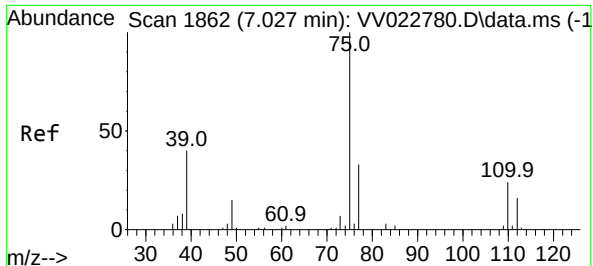
Tgt Ion: 63 Resp: 39709
Ion Ratio Lower Upper
63 100
112 5.5 4.4 6.6



#38
Bromodichloromethane
Concen: 5.419 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 83 Resp: 51736
Ion Ratio Lower Upper
83 100
85 64.1 44.3 82.3
127 9.5 7.7 11.5

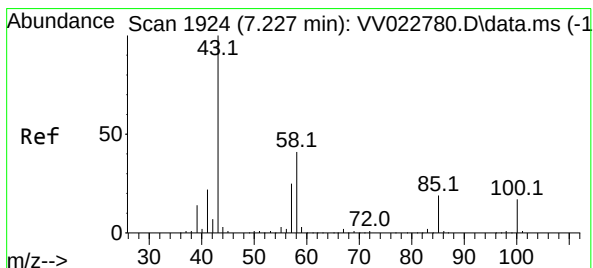
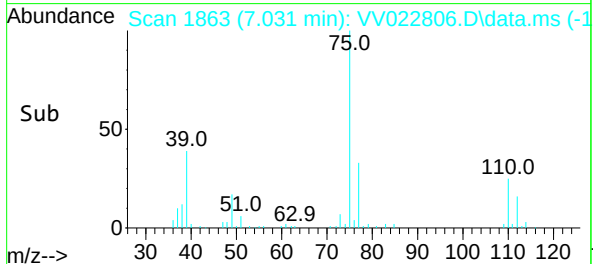
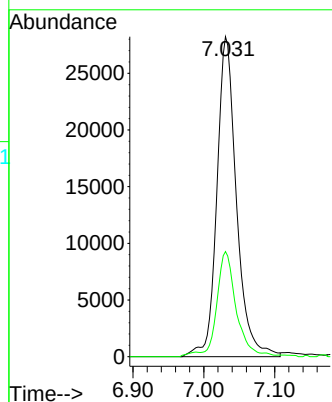
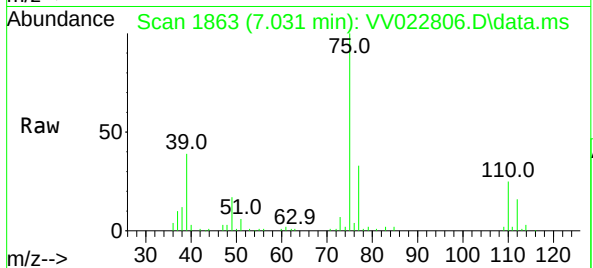




#39
 cis-1,3-Dichloropropene
 Concen: 5.278 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

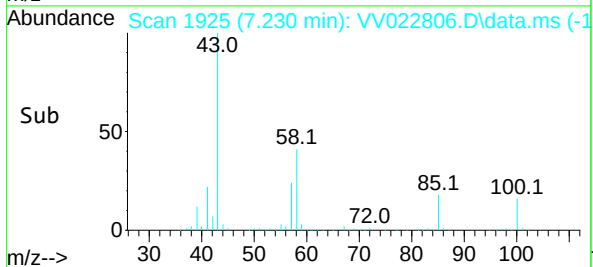
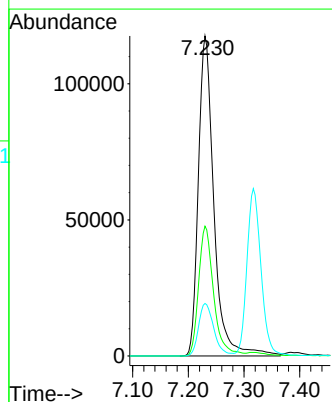
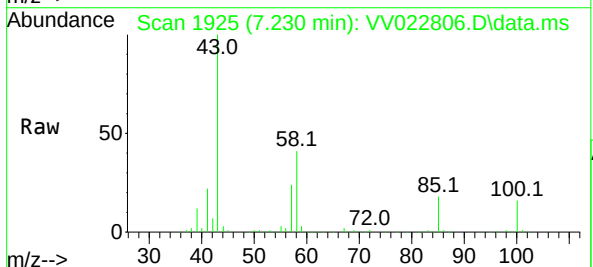
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

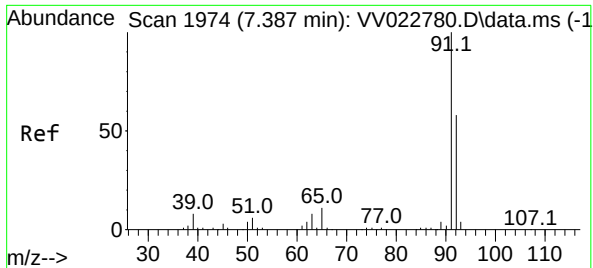
Tgt Ion: 75 Resp: 54137
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 54.858 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

Tgt Ion: 43 Resp: 228394
 Ion Ratio Lower Upper
 43 100
 58 39.1 32.0 48.0
 100 16.2 14.2 21.2

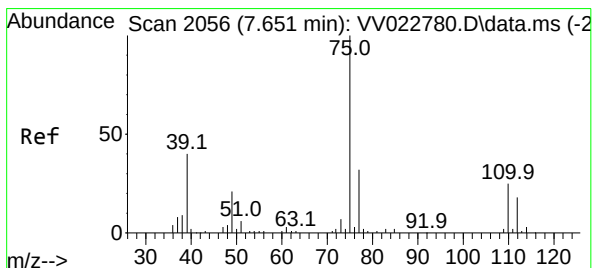
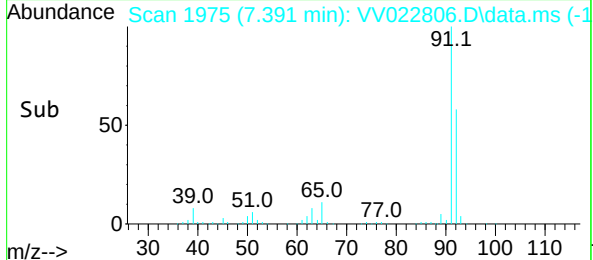
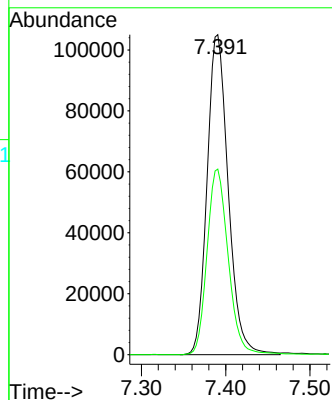
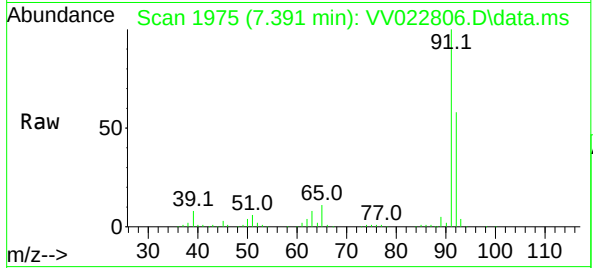




#42
Toluene
Concen: 5.600 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

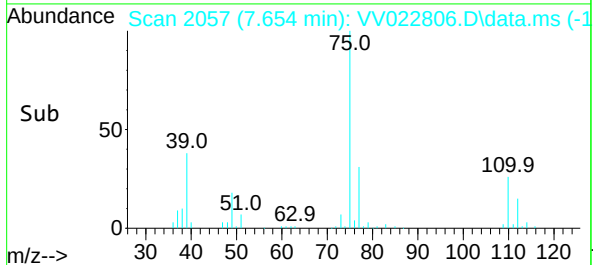
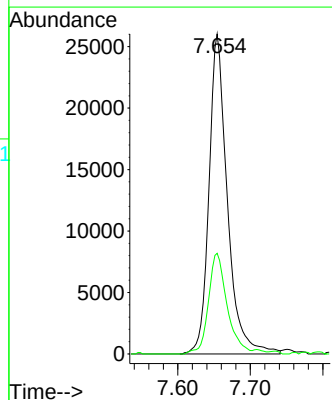
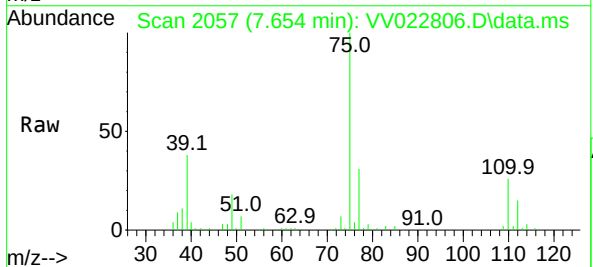
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

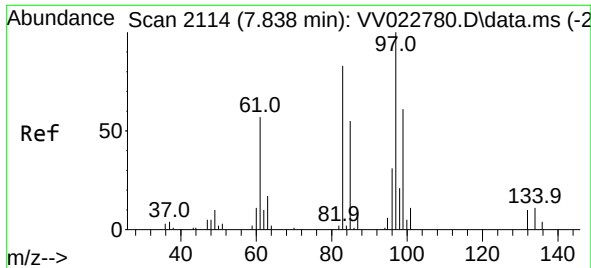
Tgt Ion: 91 Resp: 183144
Ion Ratio Lower Upper
91 100
92 58.0 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 5.481 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 75 Resp: 45836
Ion Ratio Lower Upper
75 100
77 31.4 23.9 44.5





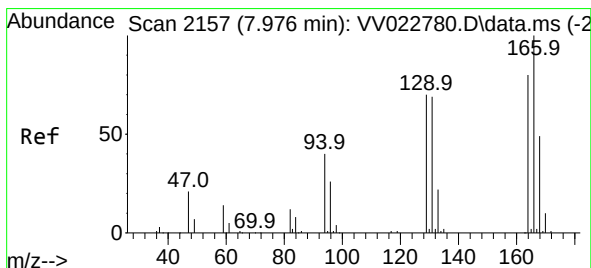
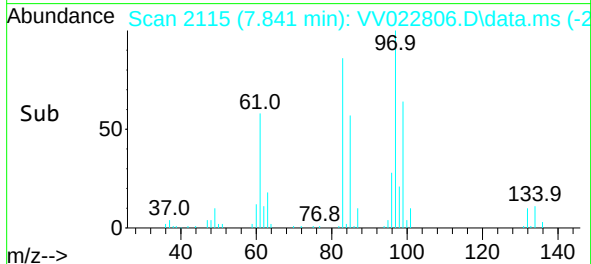
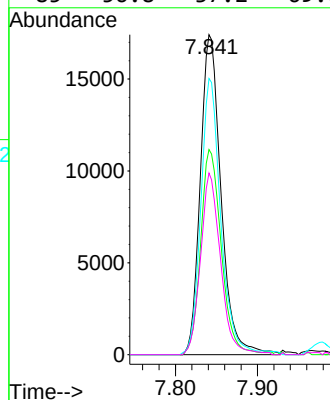
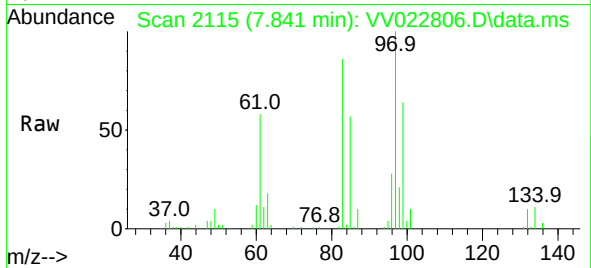
#45

1,1,2-Trichloroethane
Concen: 5.317 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

Tgt Ion: 97 Resp: 30572

Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.5	82.7
83	86.3	56.6	105.0
85	56.8	37.2	69.0

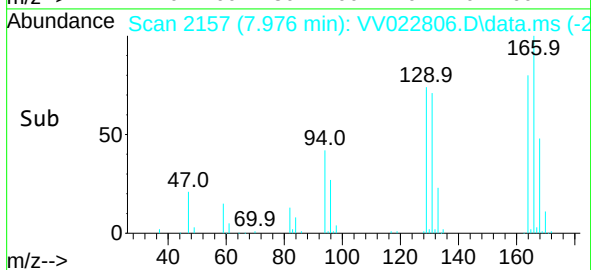
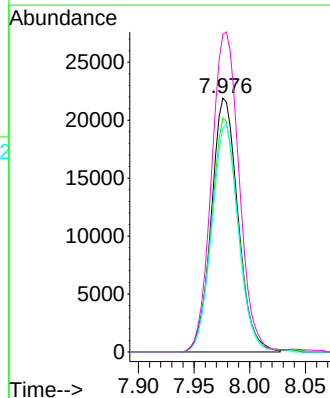
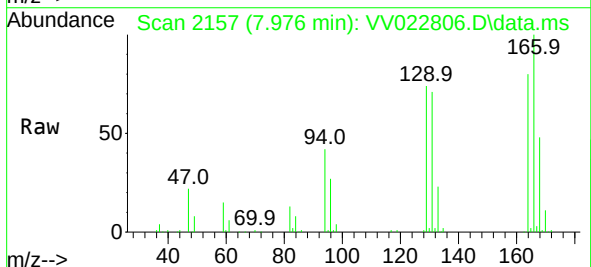


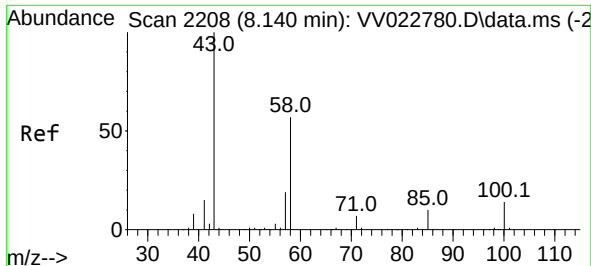
#47

Tetrachloroethene
Concen: 5.154 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 164 Resp: 36516

Ion	Ratio	Lower	Upper
164	100		
129	92.2	65.0	120.6
131	88.5	62.2	115.4
166	125.1	89.2	165.8

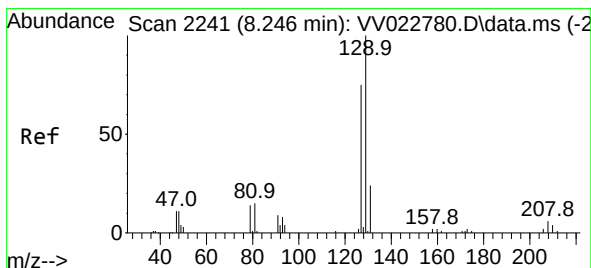
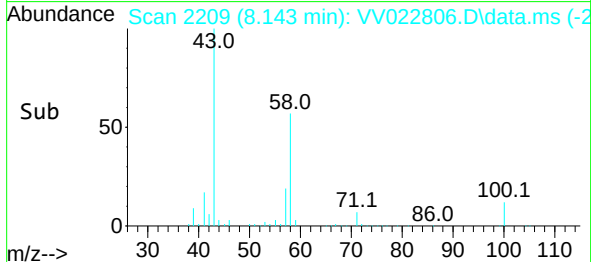
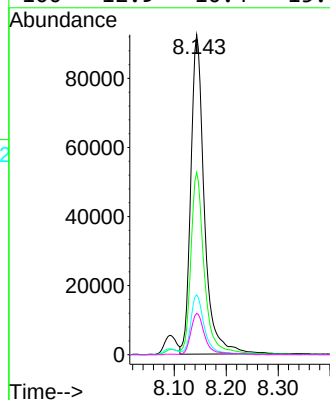
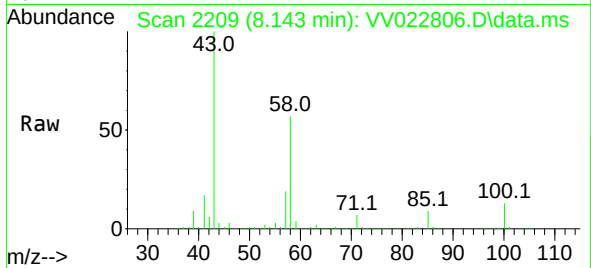




#48
2-Hexanone
Concen: 54.996 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

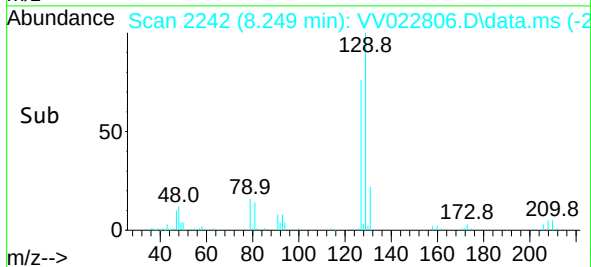
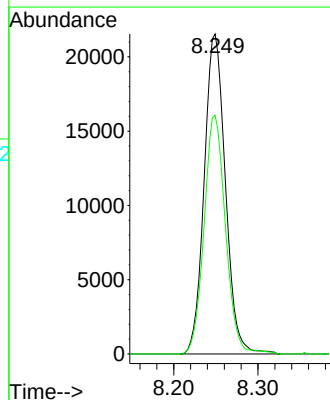
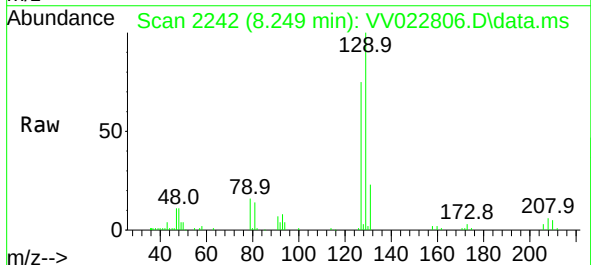
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

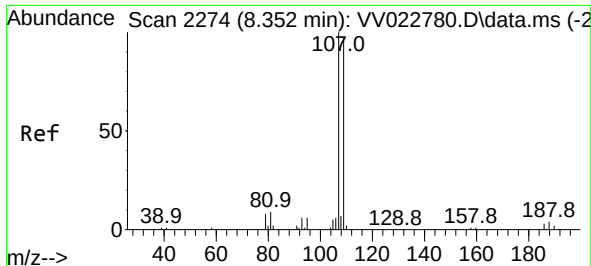
Tgt Ion:	43	Resp:	167415
Ion	Ratio	Lower	Upper
43	100		
58	56.4	47.4	71.0
57	18.5	15.3	22.9
100	12.9	10.4	15.6



#49
Dibromochloromethane
Concen: 5.603 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion:	129	Resp:	37712
Ion	Ratio	Lower	Upper
129	100		
127	74.6	59.1	109.9





#50

1,2-Dibromoethane

Concen: 5.284 ug/L

RT: 8.355 min Scan# 2275

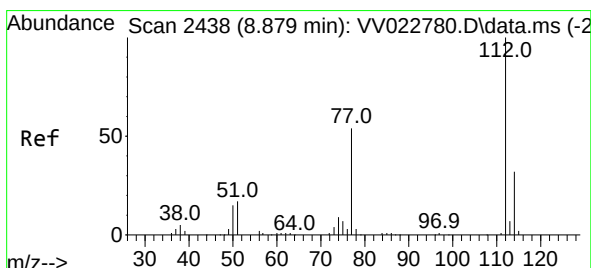
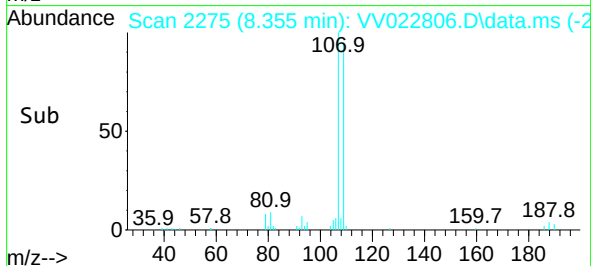
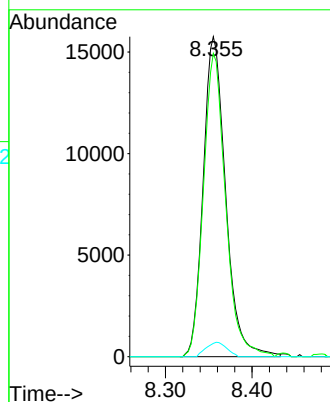
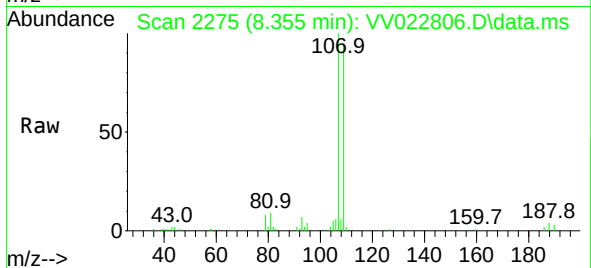
Delta R.T. 0.003 min

Lab File: VV022806.D

Acq: 14 Oct 2021 20:40

Tgt Ion:	107	Resp:	28369
Ion	Ratio	Lower	Upper
107	100		
109	94.8	67.1	124.5
188	4.2	3.4	5.0

Instrument :
MSVOA_V
ClientSampleId :
VSTD005310



#51

Chlorobenzene

Concen: 5.523 ug/L

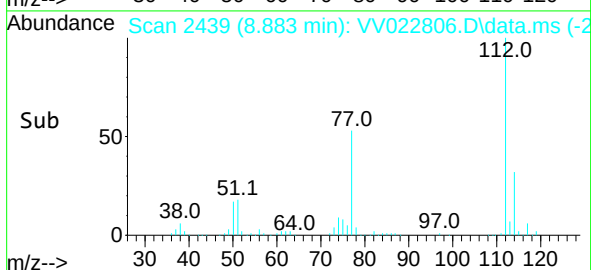
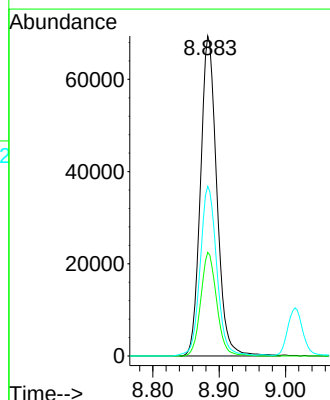
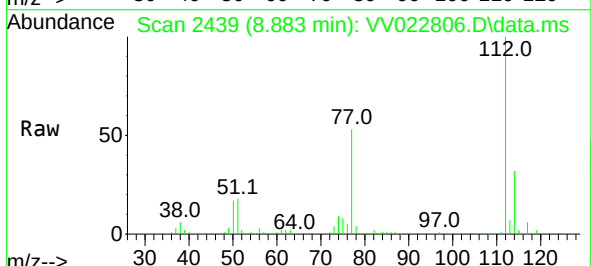
RT: 8.883 min Scan# 2439

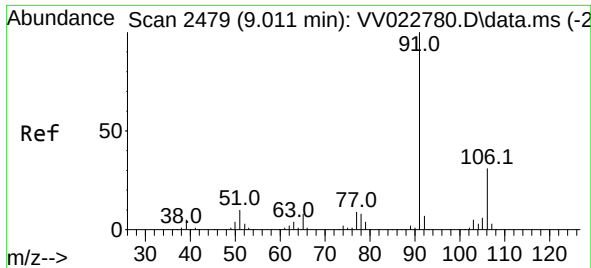
Delta R.T. 0.003 min

Lab File: VV022806.D

Acq: 14 Oct 2021 20:40

Tgt Ion:	112	Resp:	118699
Ion	Ratio	Lower	Upper
112	100		
114	32.4	21.6	40.2
77	53.0	43.7	65.5





#52

Ethylbenzene

Concen: 5.518 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.003 min

Lab File: VV022806.D

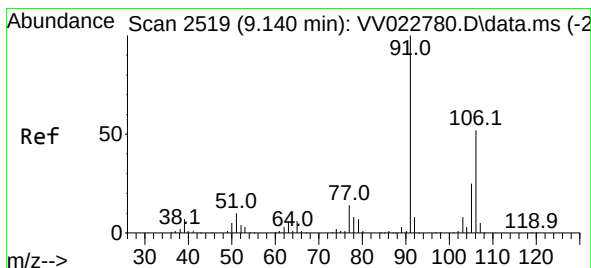
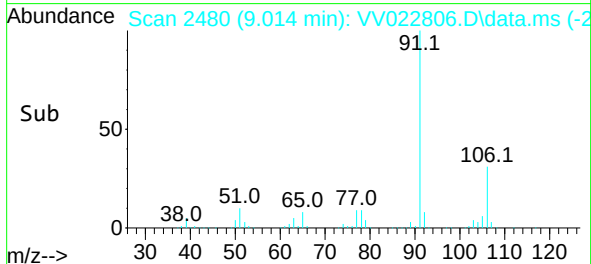
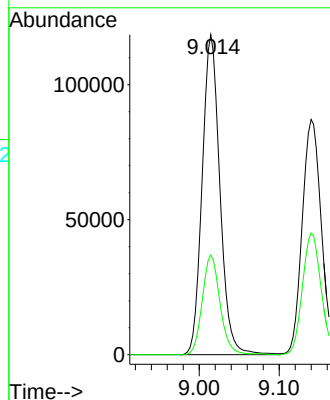
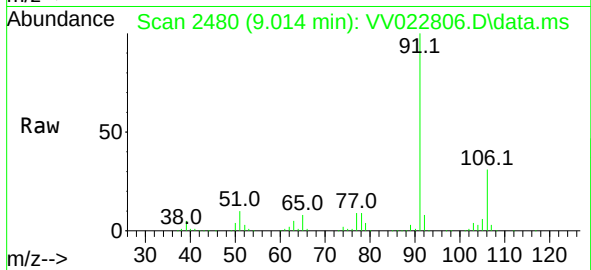
Acq: 14 Oct 2021 20:40

Tgt Ion: 91 Resp: 183213

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.2



#53

m,p-xylene

Concen: 5.683 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV022806.D

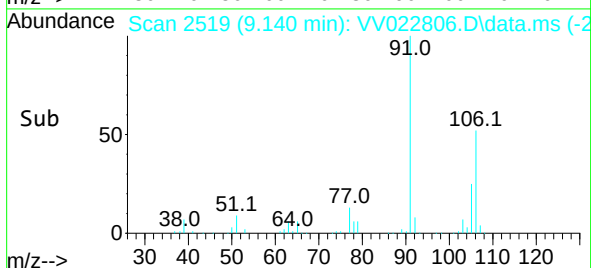
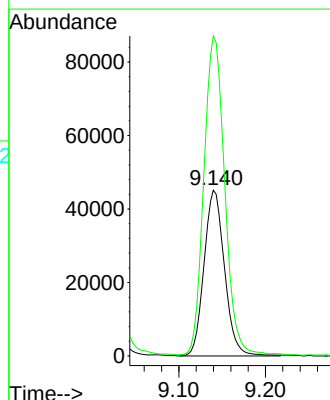
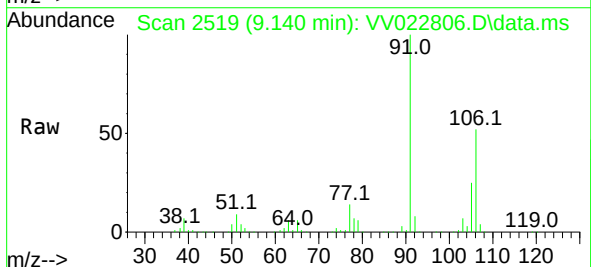
Acq: 14 Oct 2021 20:40

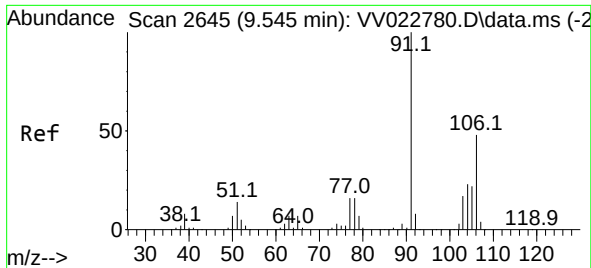
Tgt Ion: 106 Resp: 74062

Ion Ratio Lower Upper

106 100

91 193.1 138.7 257.5

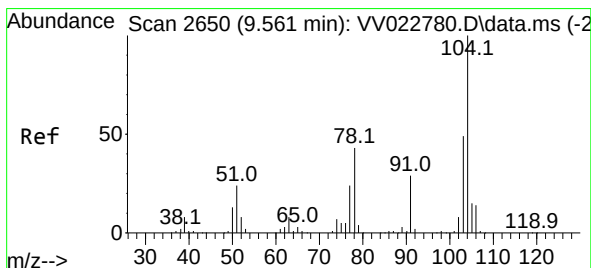
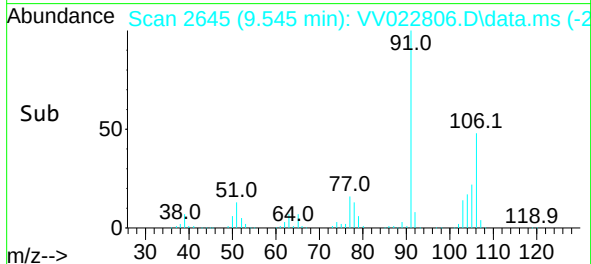
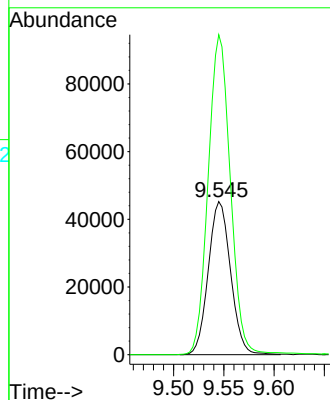
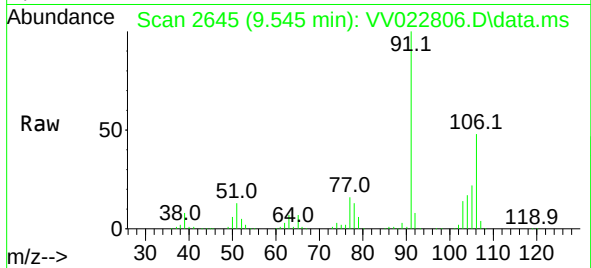




#54
o-xylene
Concen: 5.696 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

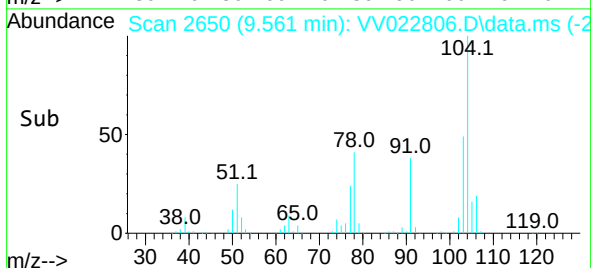
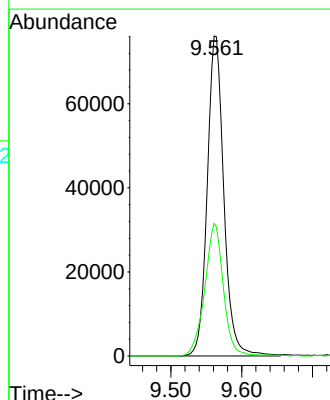
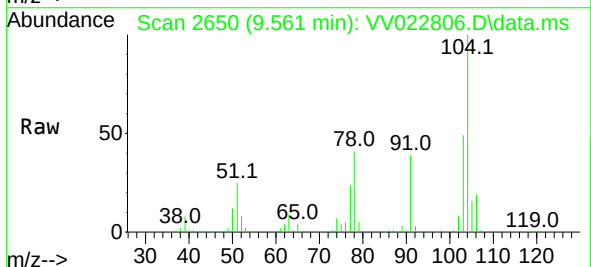
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

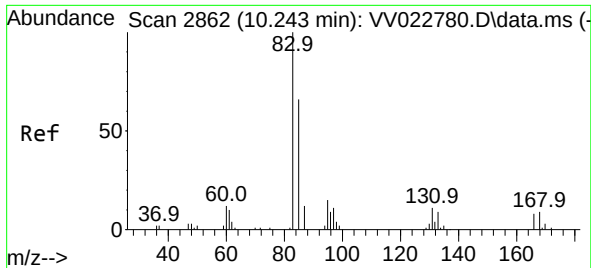
Tgt Ion:106 Resp: 69831
Ion Ratio Lower Upper
106 100
91 208.9 151.1 280.7



#55
Styrene
Concen: 5.863 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion:104 Resp: 123859
Ion Ratio Lower Upper
104 100
78 41.4 29.5 54.7

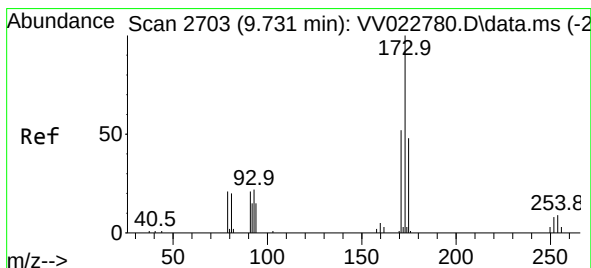
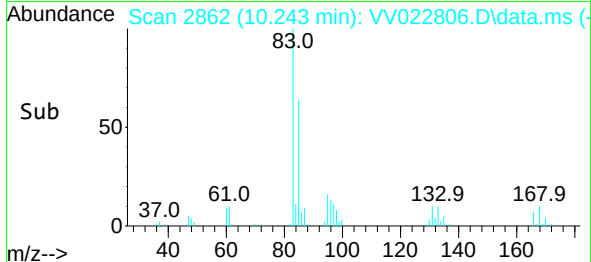
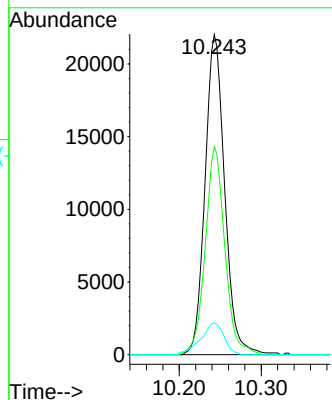
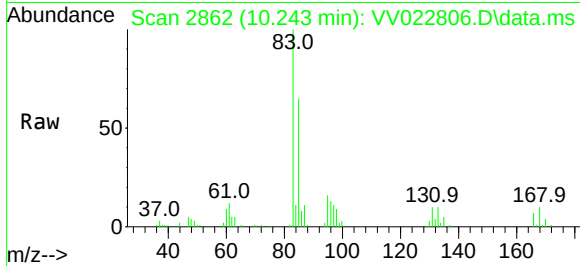




#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.304 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

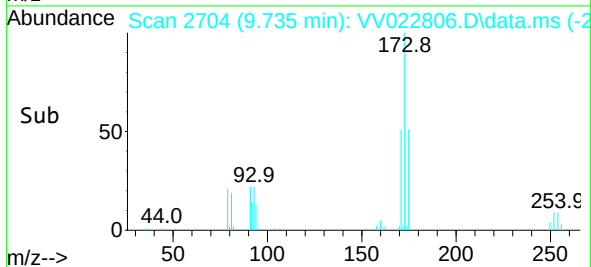
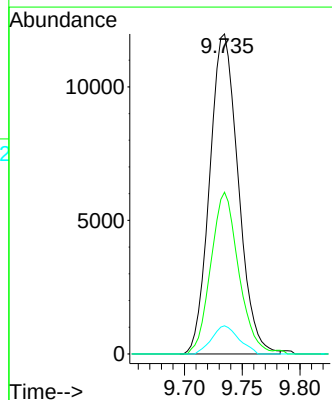
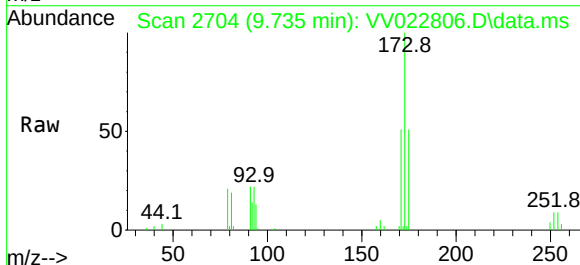
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

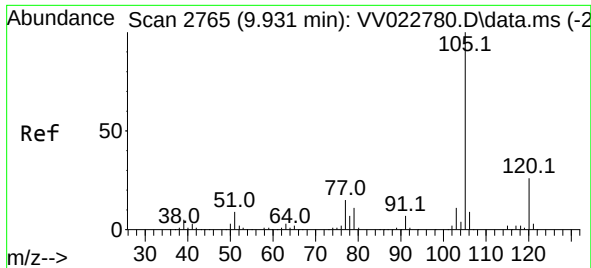
Tgt Ion:	83	Resp:	36670
Ion	Ratio	Lower	Upper
83	100		
85	65.0	46.0	85.4
131	9.9	8.4	12.6



#59
 Bromoform
 Concen: 5.549 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

Tgt Ion:	173	Resp:	20610
Ion	Ratio	Lower	Upper
173	100		
175	49.1	38.3	57.5
254	8.3	7.1	10.7

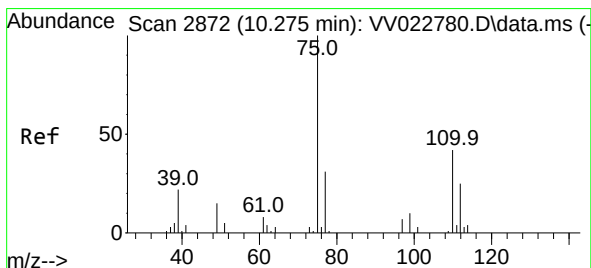
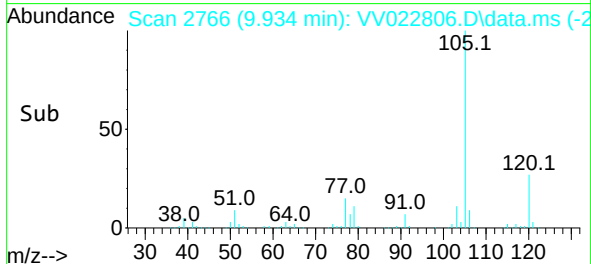
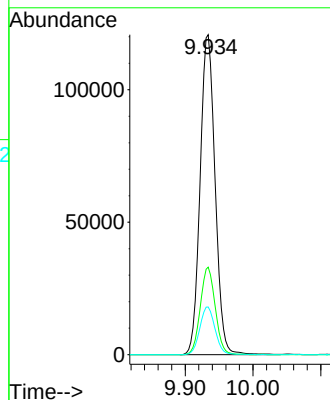
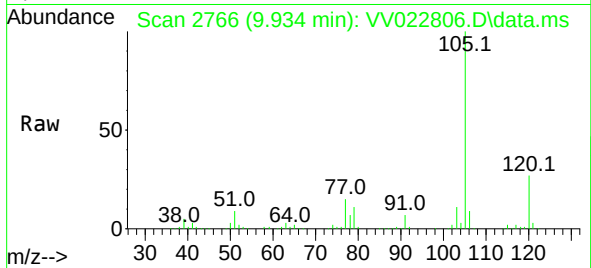




#60
Isopropylbenzene
Concen: 5.506 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

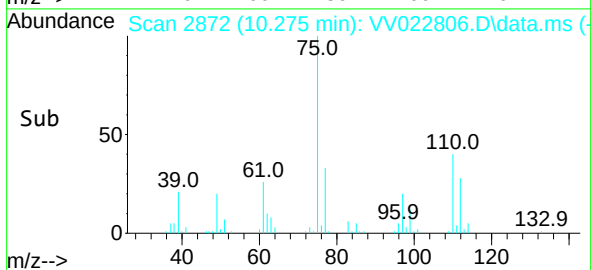
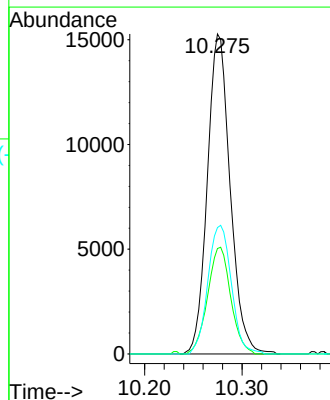
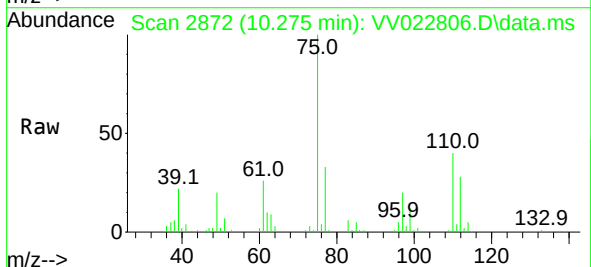
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

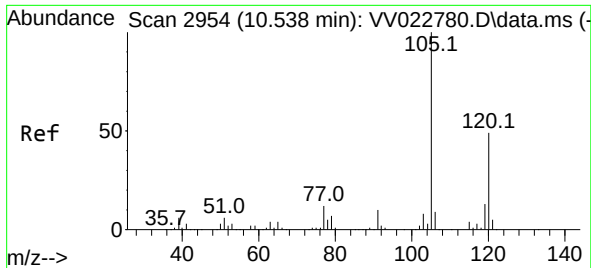
Tgt Ion:105 Resp: 185433
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.8
77 15.2 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.397 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion: 75 Resp: 24860
Ion Ratio Lower Upper
75 100
77 33.9 25.4 38.2
110 41.4 34.2 51.4

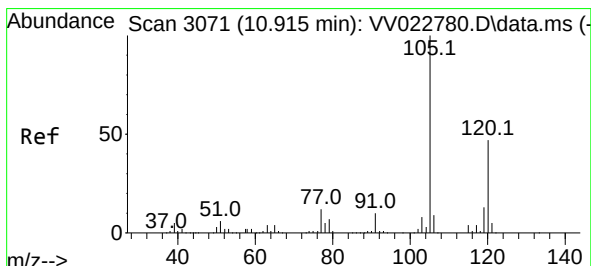
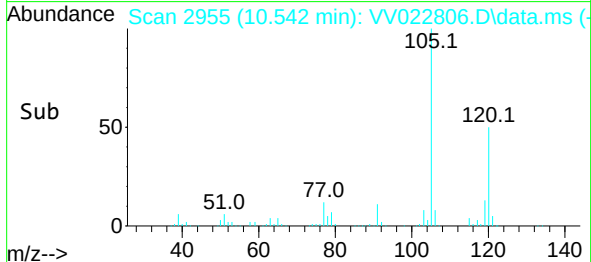
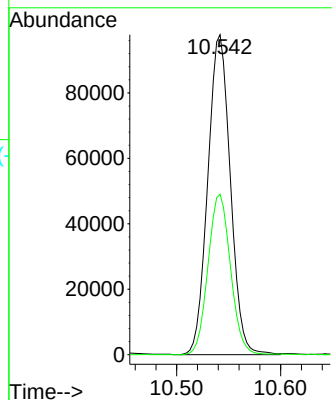
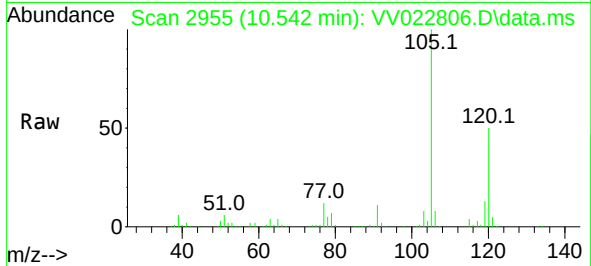




#62
1,3,5-Trimethylbenzene
Concen: 5.418 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

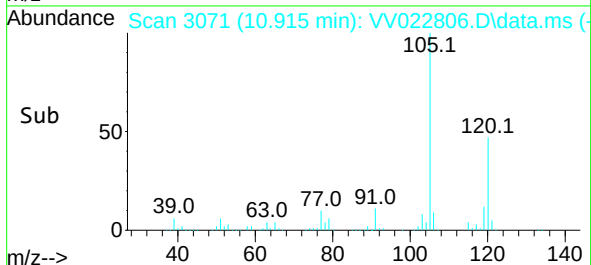
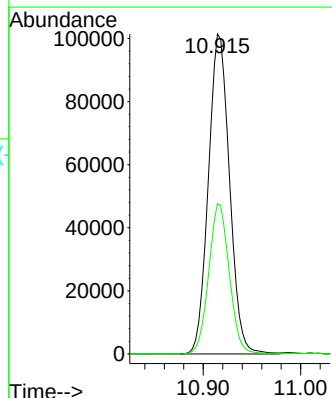
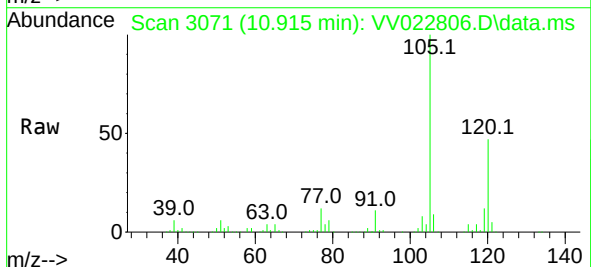
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

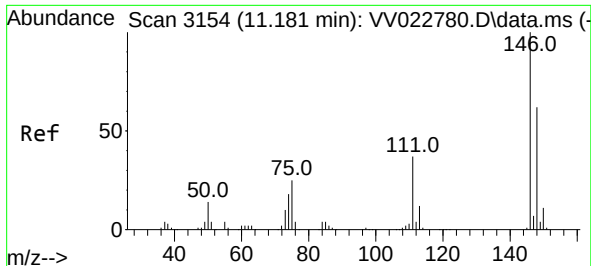
Tgt Ion:105 Resp: 147435
Ion Ratio Lower Upper
105 100
120 50.1 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.618 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion:105 Resp: 152971
Ion Ratio Lower Upper
105 100
120 45.5 37.3 55.9

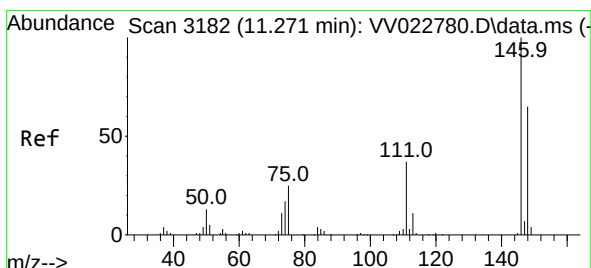
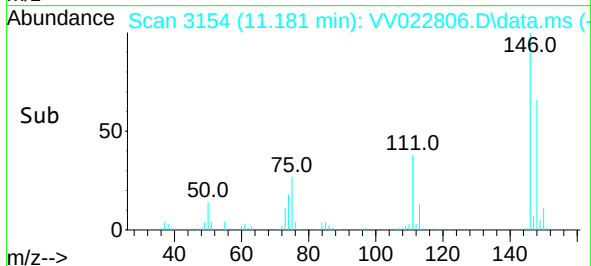
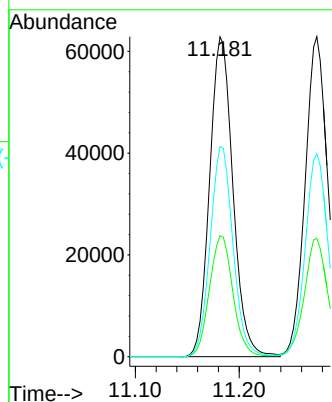
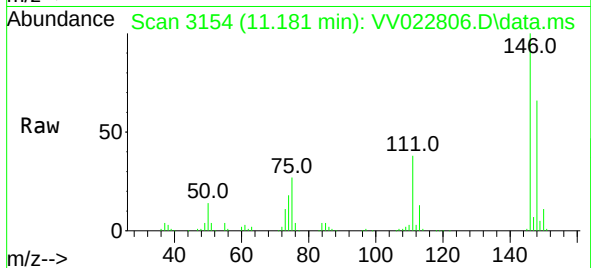




#64
1,3-Dichlorobenzene
Concen: 5.531 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

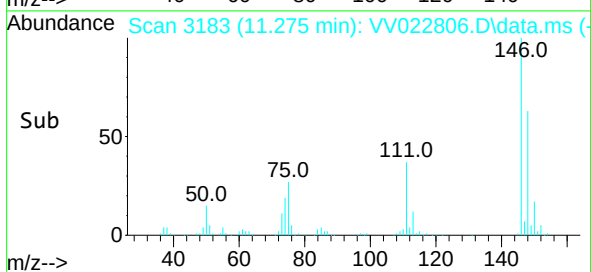
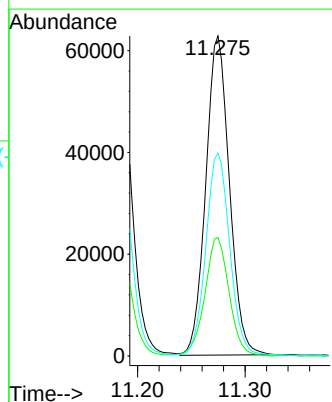
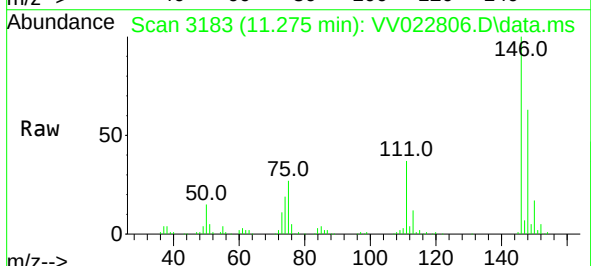
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

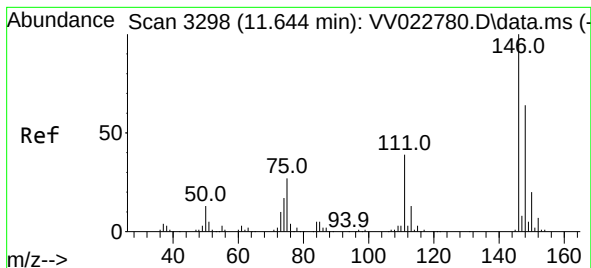
Tgt Ion:146 Resp: 97752
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.5
148 65.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.338 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion:146 Resp: 95808
Ion Ratio Lower Upper
146 100
111 37.0 25.6 47.4
148 63.5 44.9 83.5

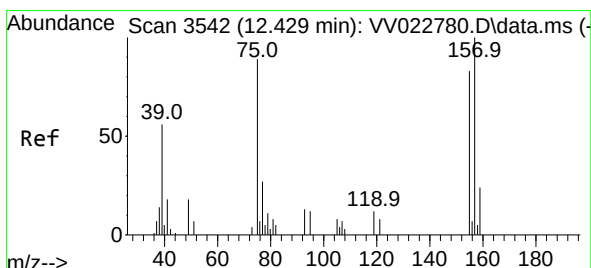
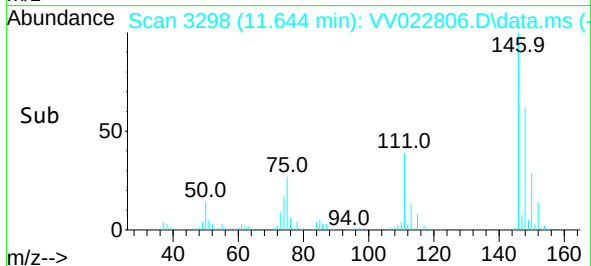
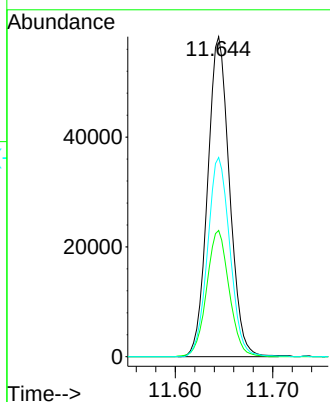
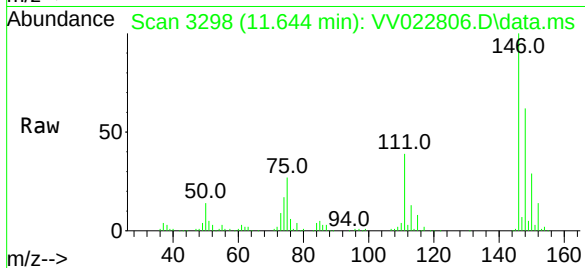




#67
1,2-Dichlorobenzene
Concen: 5.487 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

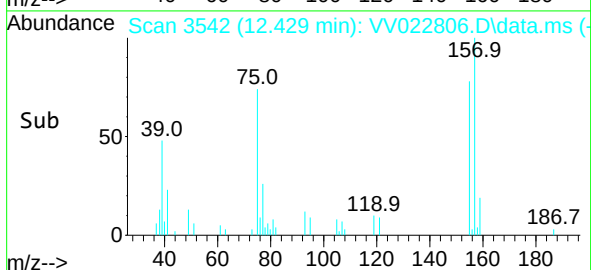
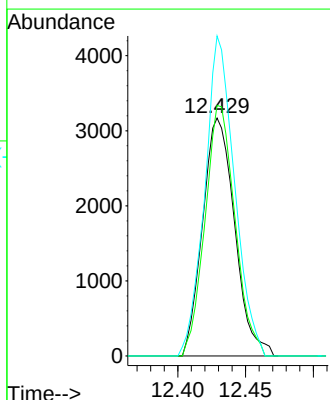
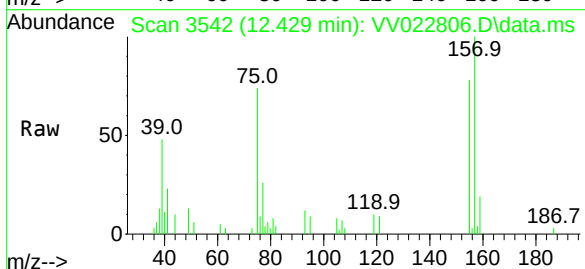
Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

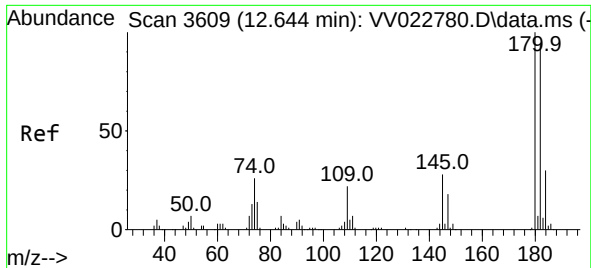
Tgt Ion:	146	Resp:	90965
Ion Ratio	Lower	Upper	
146	100		
111	39.4	32.3	48.5
148	62.3	52.1	78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 6.216 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion:	75	Resp:	5212
Ion Ratio	Lower	Upper	
75	100		
155	105.3	82.4	123.6
157	134.5	114.1	171.1

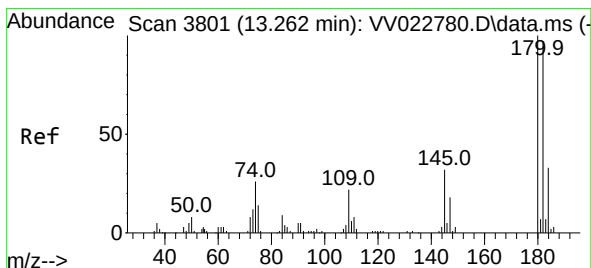
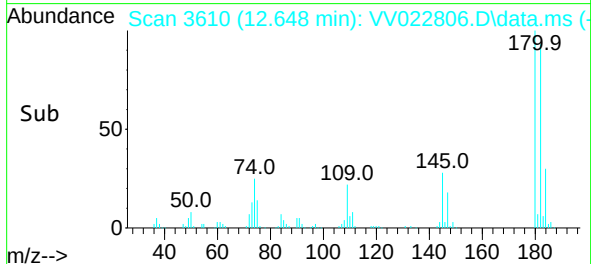
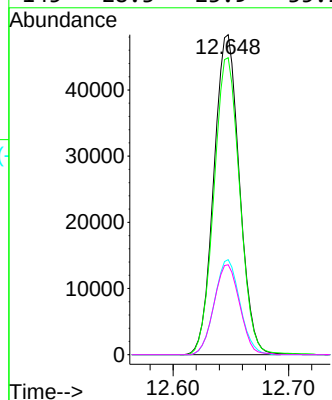
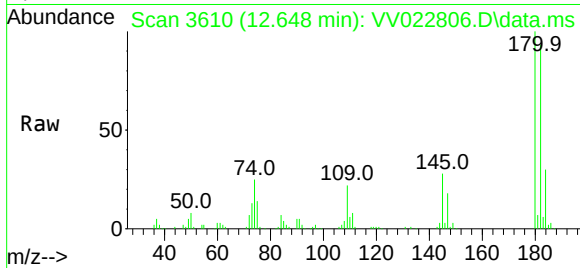




#69
 1,3,5-Trichlorobenzene
 Concen: 5.577 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

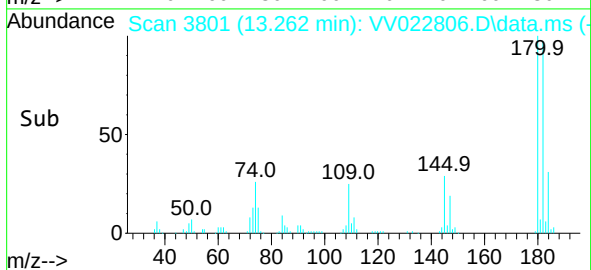
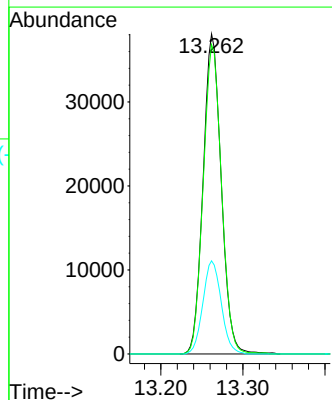
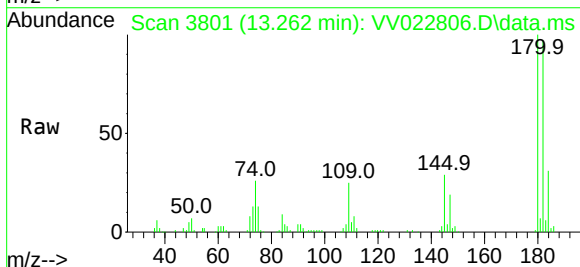
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

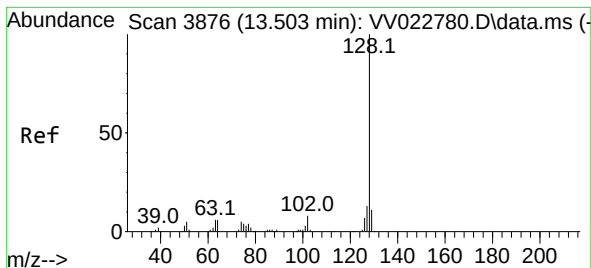
Tgt Ion:	180	Resp:	74257
Ion Ratio	Lower	Upper	
180	100		
182	93.9	77.0	115.6
184	29.7	24.5	36.7
145	28.3	23.9	35.9



#70
 1,2,4-trichlorobenzene
 Concen: 5.752 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV022806.D
 Acq: 14 Oct 2021 20:40

Tgt Ion:	180	Resp:	58504
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.0	114.0
145	29.5	24.1	36.1

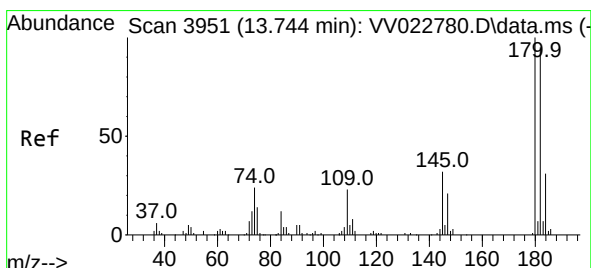
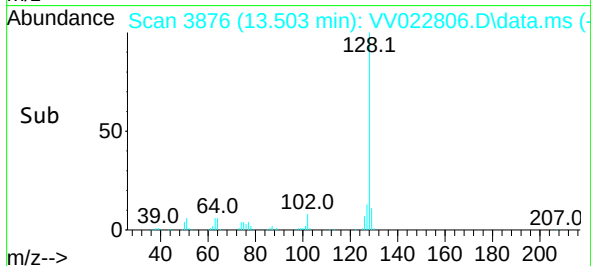
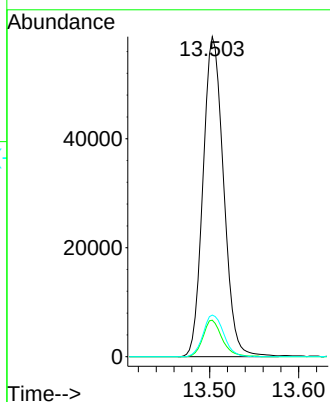
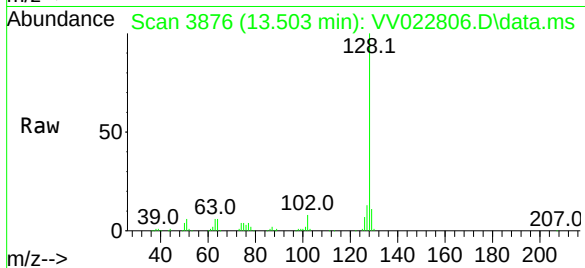




#71
Naphthalene
Concen: 5.824 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD005310

Tgt Ion:	128	Resp:	94160
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.3	13.9
127	13.0	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.792 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022806.D
Acq: 14 Oct 2021 20:40

Tgt Ion:	180	Resp:	55553
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.5	113.3
145	31.3	24.7	37.1

