

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022685.D
 Acq On : 08 Oct 2021 00:16
 Operator : SY/MD
 Sample : M4098-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAT35MS

Quant Time: Oct 08 04:05:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119783	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66391	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35843	4.349	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.568	69	34459	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.108	63	73552	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.895	46	73368	33.953	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.900%
24) Chloroform-d	4.352	84	62364	3.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
26) 1,2-Dichloroethane-d4	5.034	65	35746	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.053	84	145521	4.161	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.072	67	44647	4.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.316	98	138873	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.625	79	15101	4.396	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.091	63	72465	52.340	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.680%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	35147	5.010	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	55211	4.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42313	4.847	ug/L	97
3) Chloromethane	1.240	50	44768	5.102	ug/L	98
5) Vinyl chloride	1.310	62	44765	4.938	ug/L	98
6) Bromomethane	1.523	94	29826	5.278	ug/L	95
8) Chloroethane	1.584	64	29050	5.179	ug/L	97
9) Trichlorofluoromethane	1.754	101	67071	5.051	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	39635	5.131	ug/L	98
12) 1,1-Dichloroethene	2.117	96	37686	5.209	ug/L	85
13) Acetone	2.182	43	34370	28.524	ug/L #	36
14) Carbon disulfide	2.294	76	103821	5.106	ug/L	99
15) Methyl Acetate	2.436	43	12520	3.631	ug/L	99
16) Methylene chloride	2.506	84	41205	4.137	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	79079	4.517	ug/L	95
18) trans-1,2-Dichloroethene	2.760	96	39115	4.971	ug/L	96
19) 1,1-Dichloroethane	3.191	63	66604	4.700	ug/L	97
21) 2-Butanone	3.982	43	53985	27.363	ug/L	98
22) cis-1,2-Dichloroethene	3.911	96	39396	4.768	ug/L	98
23) Bromochloromethane	4.249	128	18816	5.126	ug/L	93
25) Chloroform	4.375	83	82907	5.047	ug/L	98

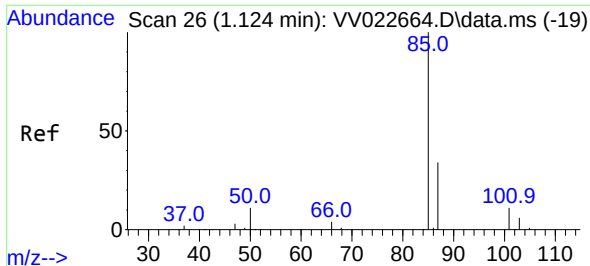
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	38510	4.697	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	61102	4.555	ug/L	98
30) Cyclohexane	4.680	56	52462	4.238	ug/L	98
31) Carbon tetrachloride	4.831	117	54264	4.660	ug/L	100
33) Benzene	5.101	78	152904	4.833	ug/L	100
34) Trichloroethene	5.915	95	40433	4.700	ug/L	96
35) Methylcyclohexane	6.133	83	55114	4.572	ug/L	96
37) 1,2-Dichloropropane	6.175	63	37222	4.892	ug/L	98
38) Bromodichloromethane	6.513	83	45787	4.884	ug/L	93
39) cis-1,3-Dichloropropene	7.030	75	47822	4.748	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	216149	52.867	ug/L	99
42) Toluene	7.390	91	164685	5.127	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	41409	5.043	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28460	5.040	ug/L	97
47) Tetrachloroethene	7.976	164	34255	4.923	ug/L	95
48) 2-Hexanone	8.143	43	161904	54.159	ug/L	99
49) Dibromochloromethane	8.249	129	33221	5.026	ug/L	91
50) 1,2-Dibromoethane	8.355	107	26728	5.069	ug/L	98
51) Chlorobenzene	8.882	112	106206	5.032	ug/L	99
52) Ethylbenzene	9.014	91	163222	5.005	ug/L	100
53) m,p-xylene	9.140	106	65160	5.092	ug/L	96
54) o-xylene	9.545	106	62047	5.154	ug/L	97
55) Styrene	9.564	104	110394	5.322	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	31253	5.471	ug/L	98
59) Bromoform	9.734	173	18373	4.940	ug/L	98
60) Isopropylbenzene	9.934	105	165940	4.921	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	22960	4.977	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	132572	4.866	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	136803	5.017	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	86166	4.868	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	86952	4.838	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	82941	4.996	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4171	4.968	ug/L	88
69) 1,3,5-Trichlorobenzene	12.647	180	64331	4.825	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	49580	4.868	ug/L	98
71) Naphthalene	13.506	128	77414	4.782	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	47298	4.925	ug/L	97

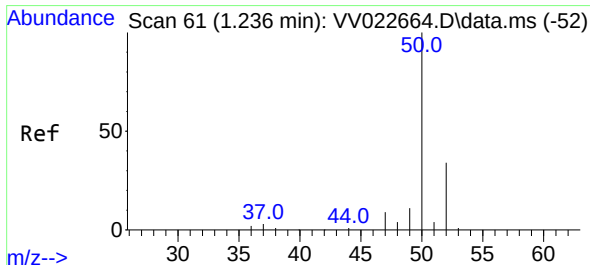
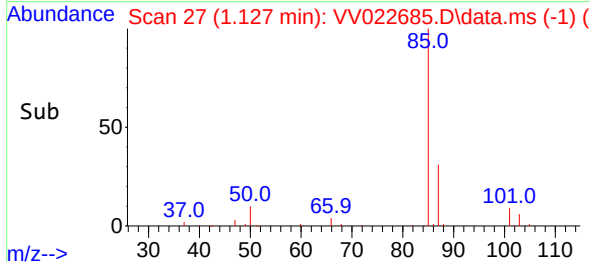
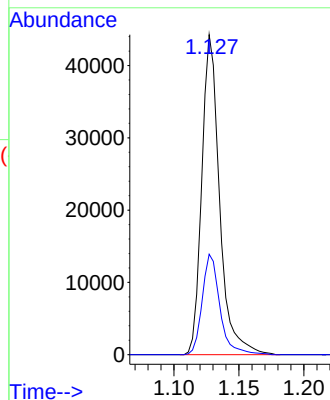
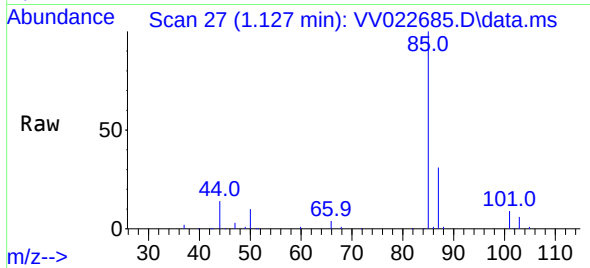
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#2
 Dichlorodifluoromethane
 Concen: 4.847 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV022685.D
 Acq: 08 Oct 2021 00:16

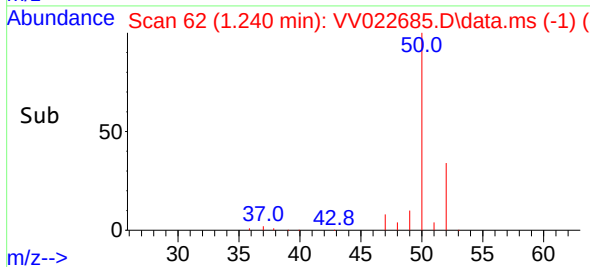
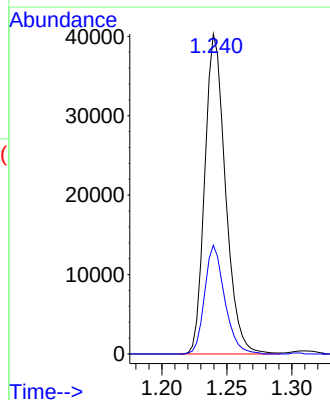
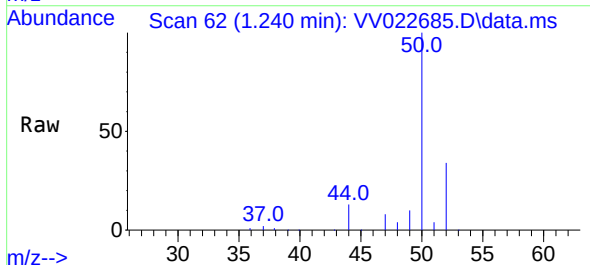
Instrument :
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 ClientSampleId :
 YAT35MS

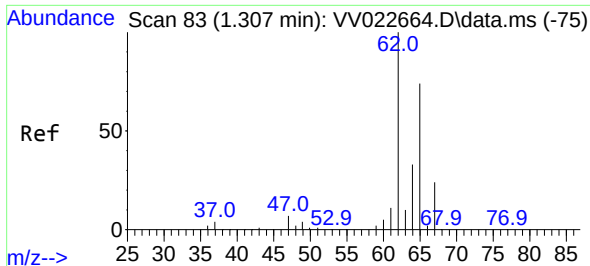
Tgt Ion: 85 Resp: 42313
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.3 39.5



#3
 Chloromethane
 Concen: 5.102 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV022685.D
 Acq: 08 Oct 2021 00:16

Tgt Ion: 50 Resp: 44768
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.9 42.5

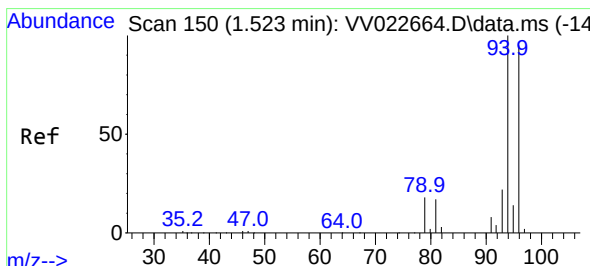
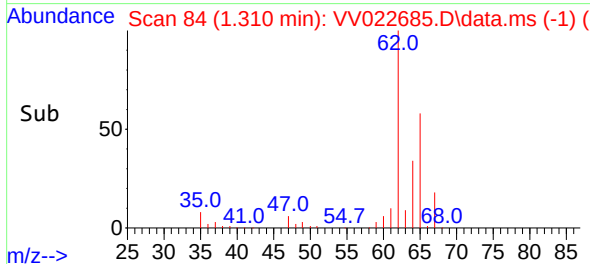
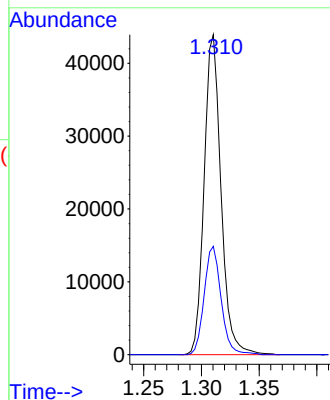
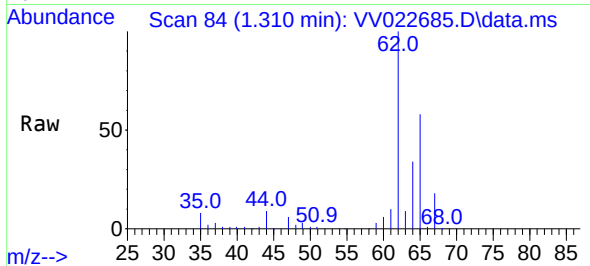




#5
Vinyl chloride
Concen: 4.938 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

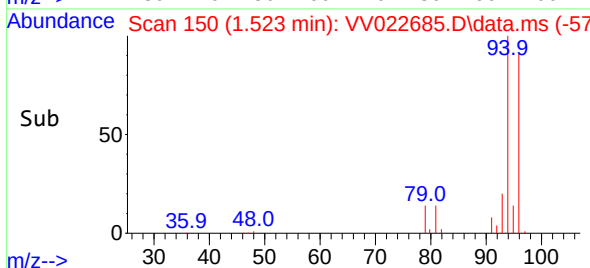
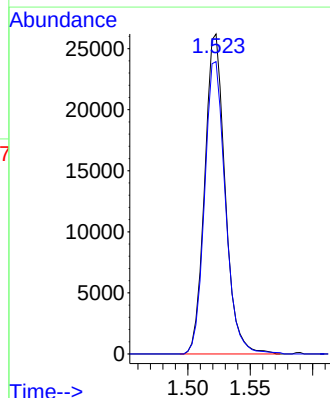
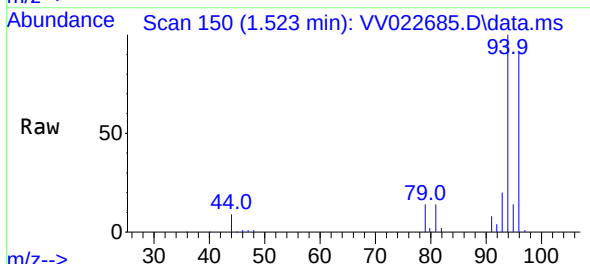
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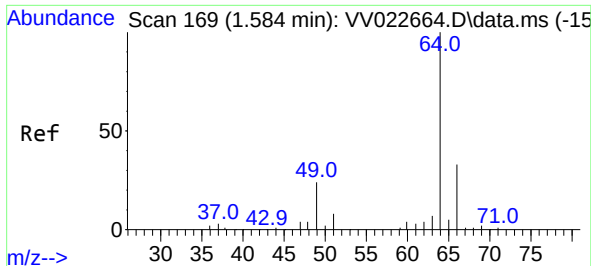
Tgt Ion: 62 Resp: 44765
Ion Ratio Lower Upper
62 100
64 33.8 23.0 42.8



#6
Bromomethane
Concen: 5.278 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 94 Resp: 29826
Ion Ratio Lower Upper
94 100
96 91.3 67.2 124.8

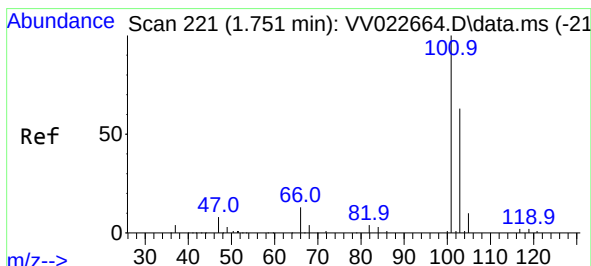
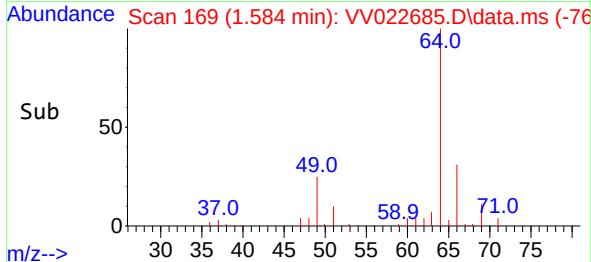
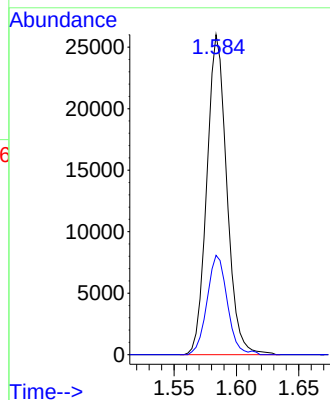
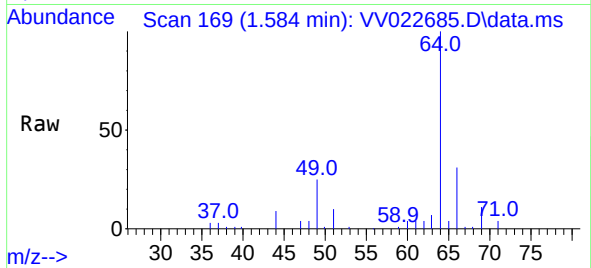




#8
Chloroethane
Concen: 5.179 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

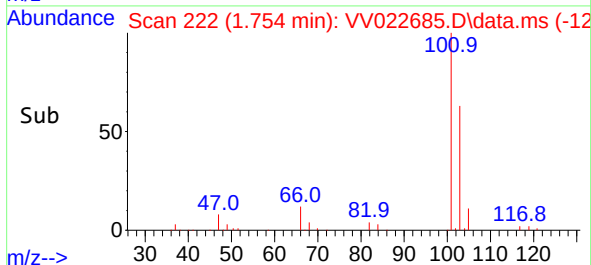
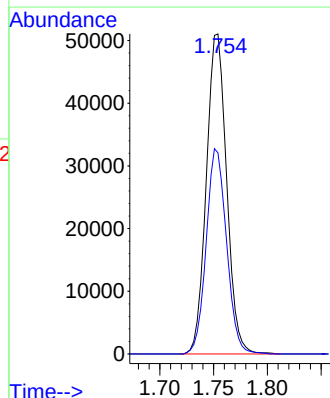
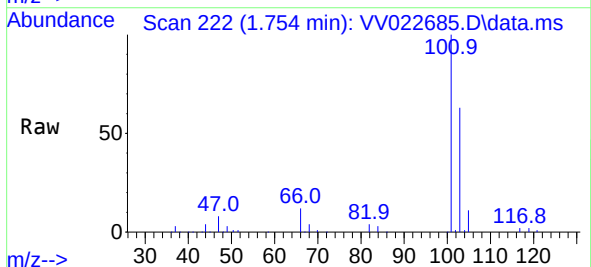
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ClientSampleId :
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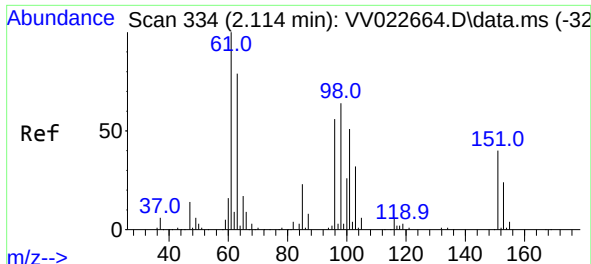
Tgt Ion: 64 Resp: 29050
Ion Ratio Lower Upper
64 100
66 31.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.051 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion:101 Resp: 67071
Ion Ratio Lower Upper
101 100
103 64.3 50.3 75.5

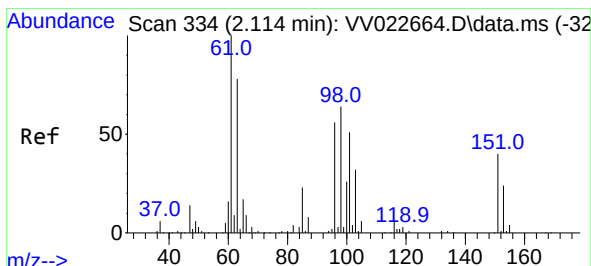
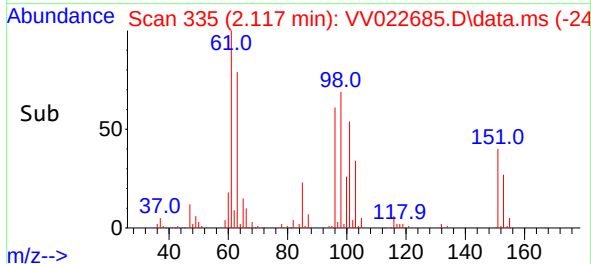
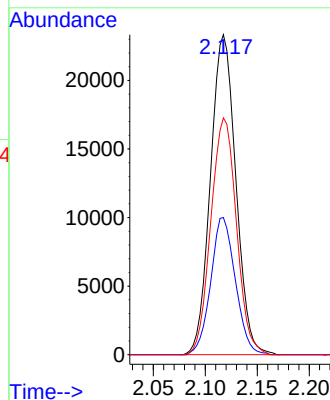
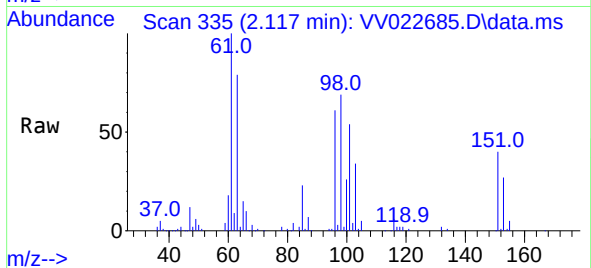




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.131 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

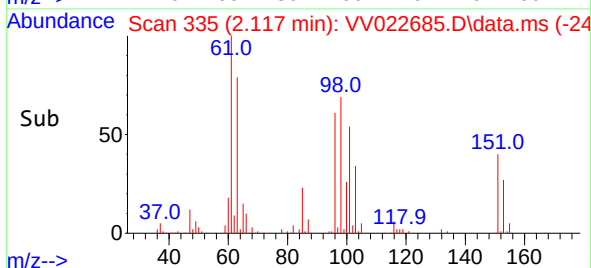
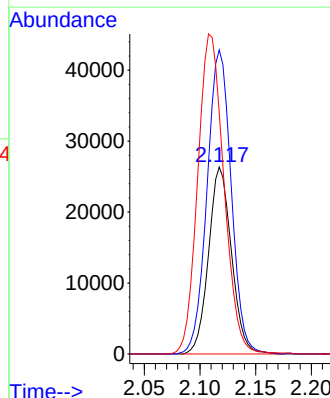
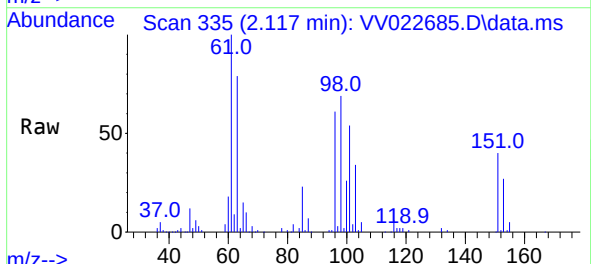
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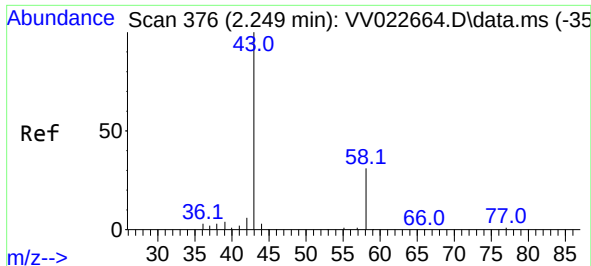
Tgt Ion:101 Resp: 39635
Ion Ratio Lower Upper
101 100
85 41.6 34.6 52.0
151 74.6 60.9 91.3



#12
1,1-Dichloroethene
Concen: 5.209 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 96 Resp: 37686
Ion Ratio Lower Upper
96 100
61 162.7 127.3 236.5
63 129.1 106.2 197.2

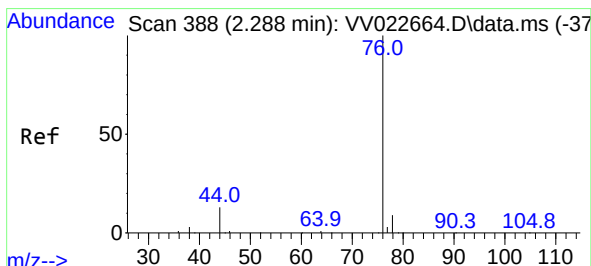
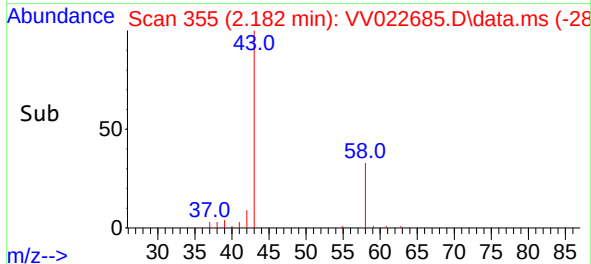
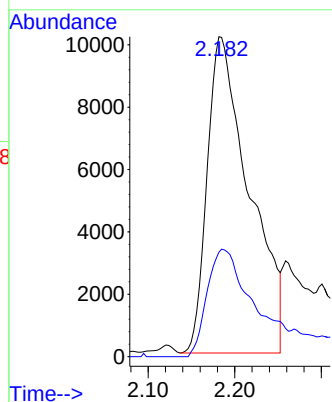
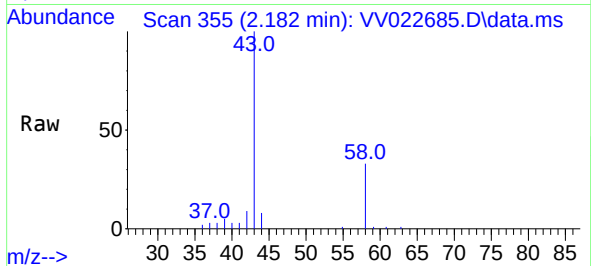




#13
Acetone
Concen: 28.524 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.068 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

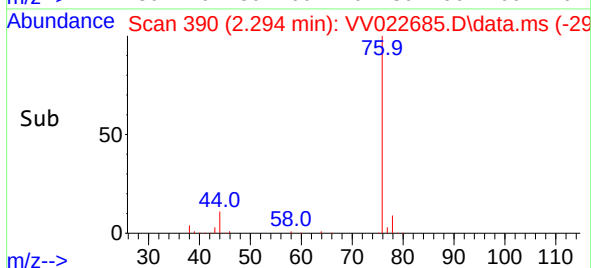
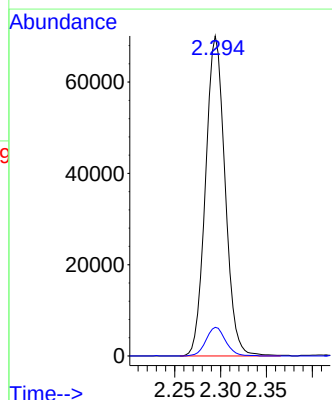
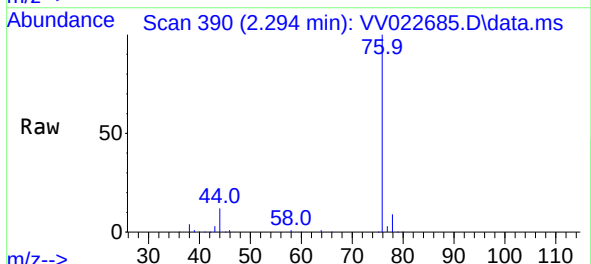
Instrument :
MSVOA_V
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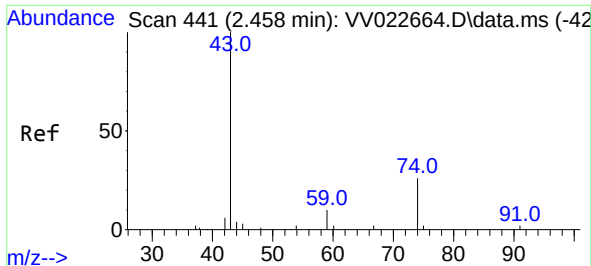
Tgt Ion: 43 Resp: 34370
Ion Ratio Lower Upper
43 100
58 37.2 0.0 24.2#



#14
Carbon disulfide
Concen: 5.106 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 76 Resp: 103821
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

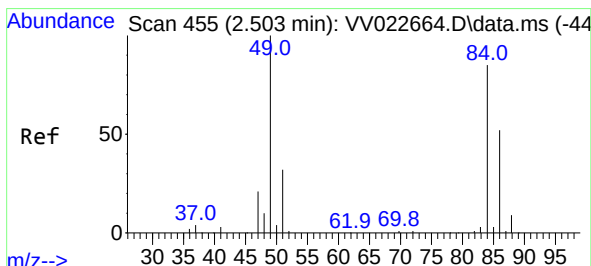
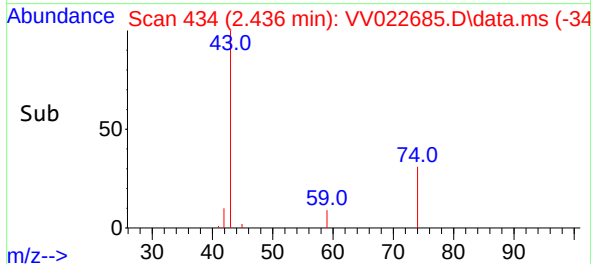
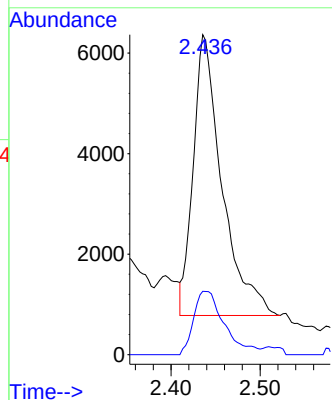
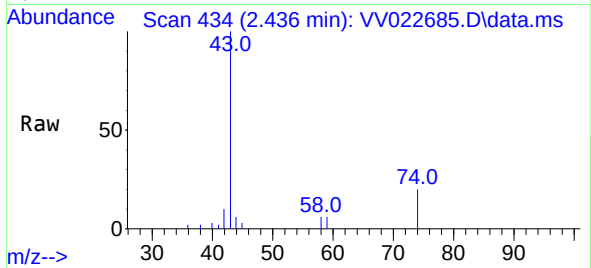




#15
Methyl Acetate
Concen: 3.631 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.023 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

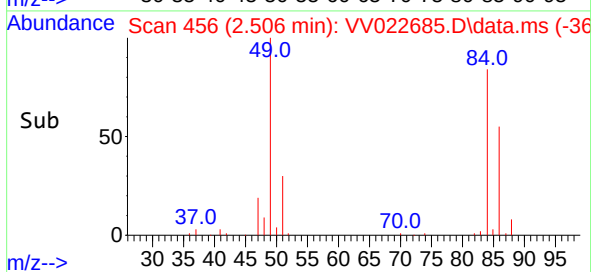
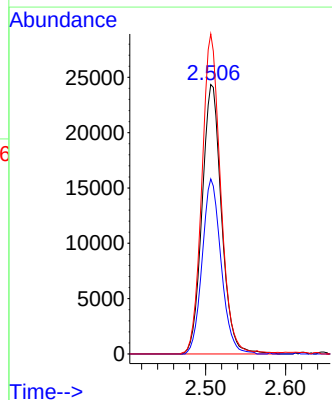
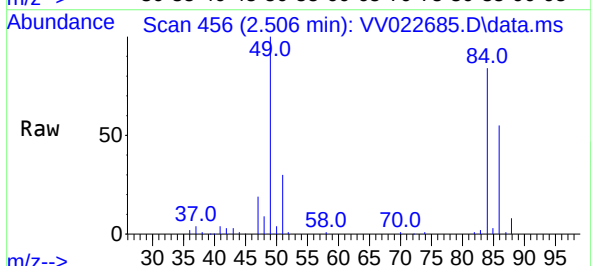
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

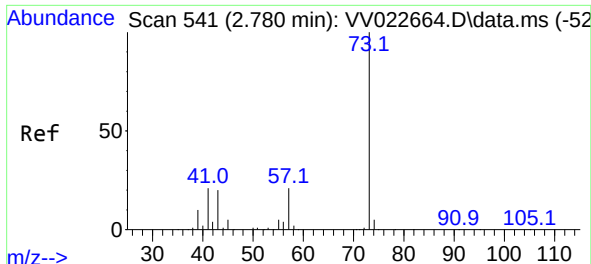
Tgt Ion: 43 Resp: 12520
Ion Ratio Lower Upper
43 100
74 24.2 19.9 29.9



#16
Methylene chloride
Concen: 4.137 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 84 Resp: 41205
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.2
49 118.8 90.3 167.7

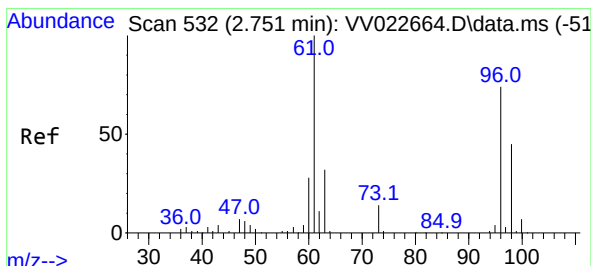
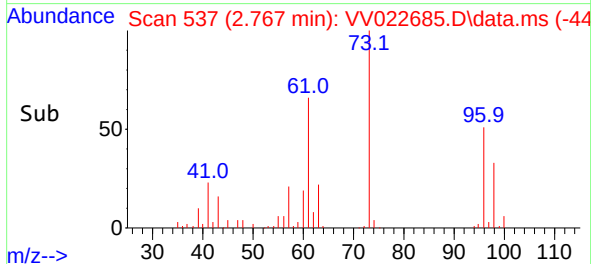
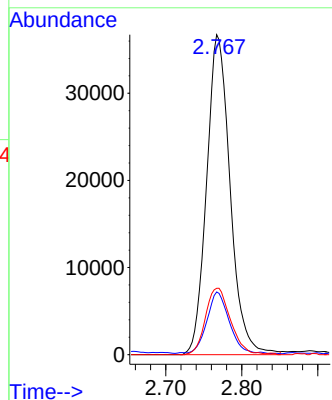
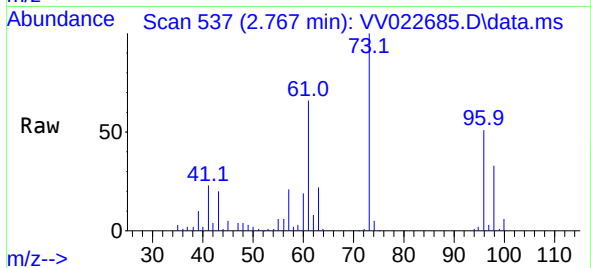




#17
Methyl tert-butyl Ether
Concen: 4.517 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.013 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

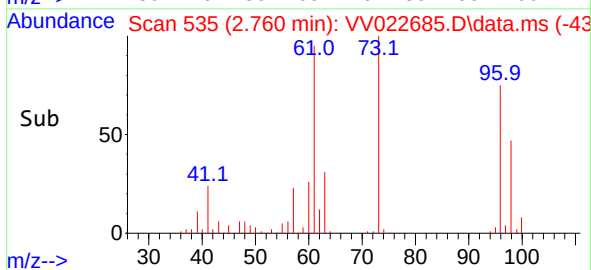
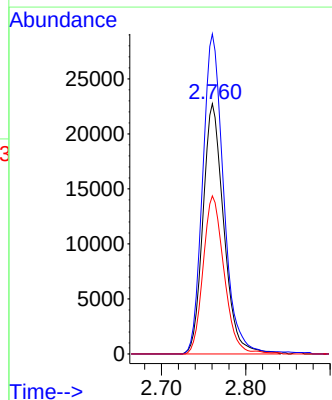
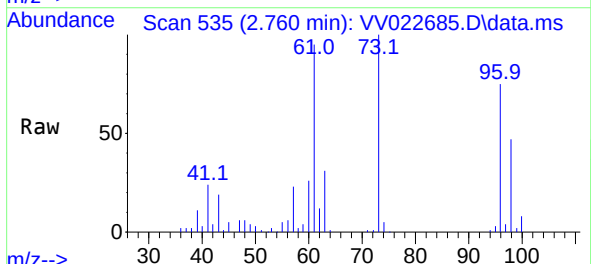
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

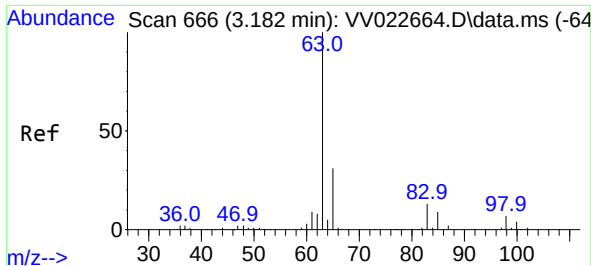
Tgt Ion: 73 Resp: 79079
Ion Ratio Lower Upper
73 100
43 17.5 17.1 25.7
57 22.0 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.971 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 96 Resp: 39115
Ion Ratio Lower Upper
96 100
61 127.9 94.5 175.5
98 63.2 44.2 82.0





#19

1,1-Dichloroethane

Concen: 4.700 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.010 min

Lab File: VV022685.D

Acq: 08 Oct 2021 00:16

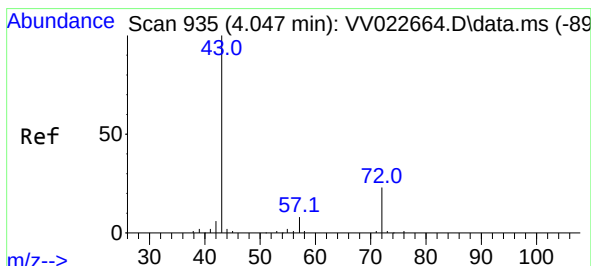
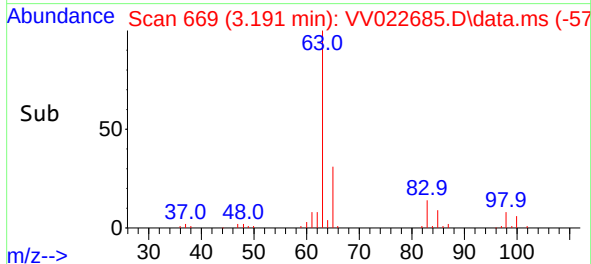
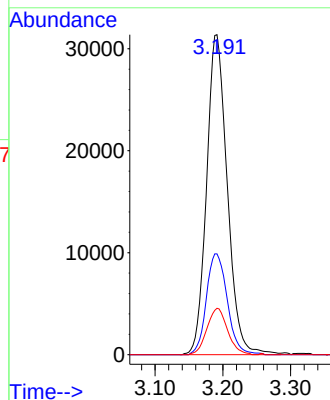
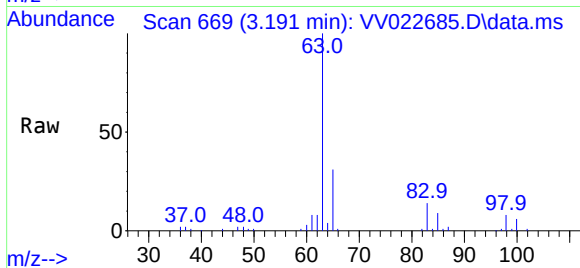
Tgt Ion: 63 Resp: 66604

Ion Ratio Lower Upper

63 100

65 31.5 23.5 43.7

83 14.5 10.1 18.7



#21

2-Butanone

Concen: 27.363 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.064 min

Lab File: VV022685.D

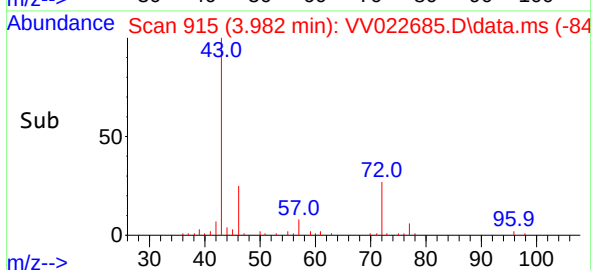
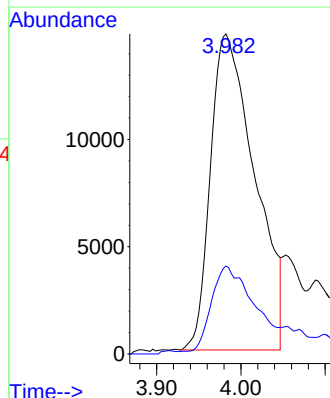
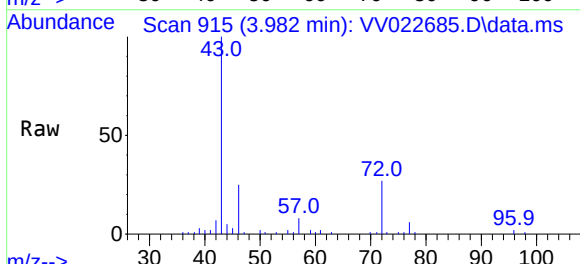
Acq: 08 Oct 2021 00:16

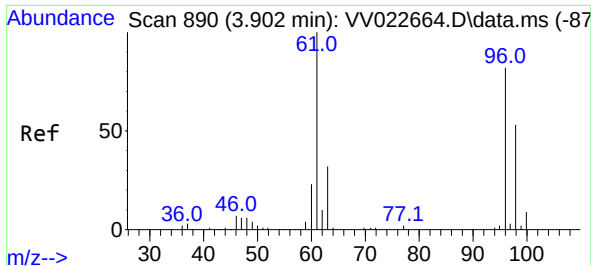
Tgt Ion: 43 Resp: 53985

Ion Ratio Lower Upper

43 100

72 25.5 12.3 36.8



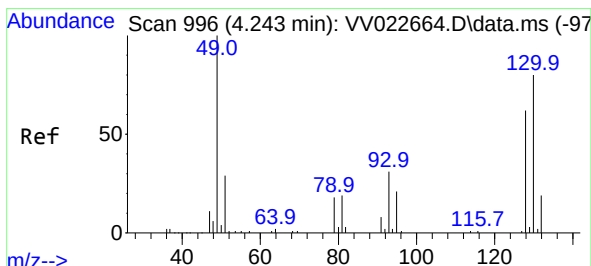
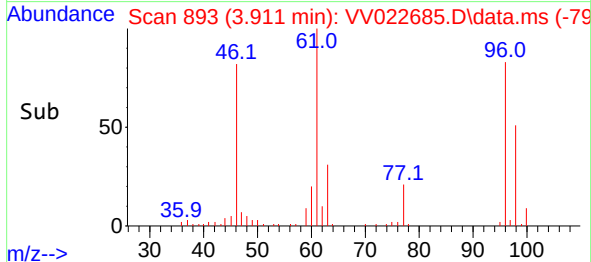
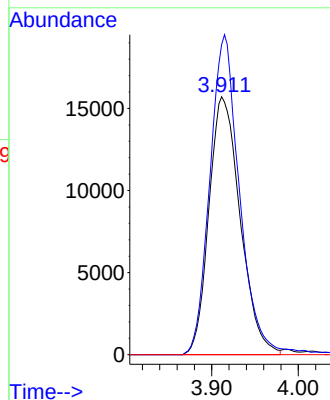
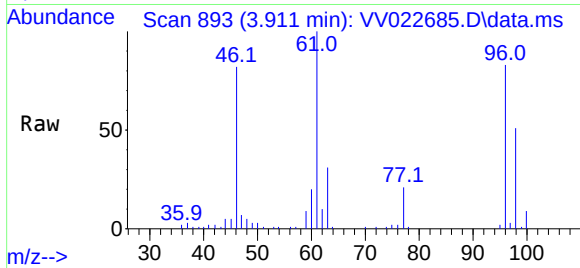


#22
cis-1,2-Dichloroethene
Concen: 4.768 ug/L
RT: 3.911 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

Tgt Ion: 96 Resp: 39396

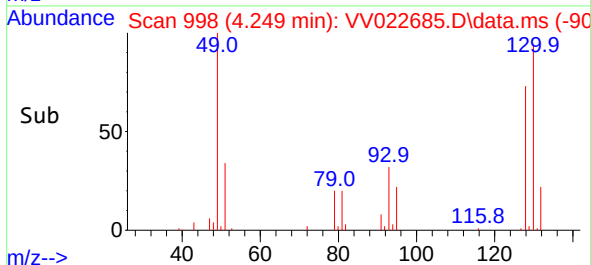
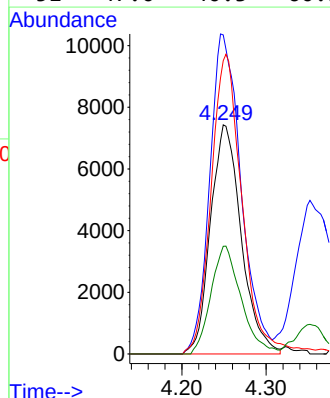
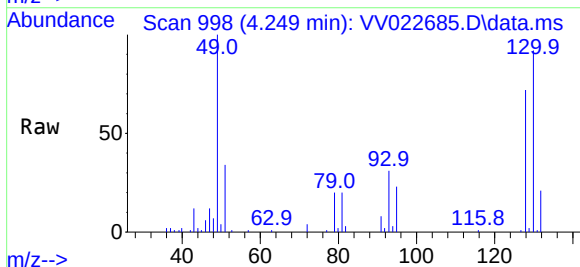
Ion	Ratio	Lower	Upper
96	100		
61	120.2	86.0	159.6
68	0.0	0.0	0.0

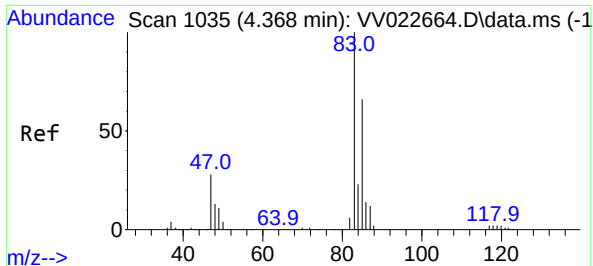


#23
Bromochloromethane
Concen: 5.126 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 128 Resp: 18816

Ion	Ratio	Lower	Upper
128	100		
49	139.2	106.9	198.5
130	128.0	91.9	170.7
51	47.0	40.3	60.5



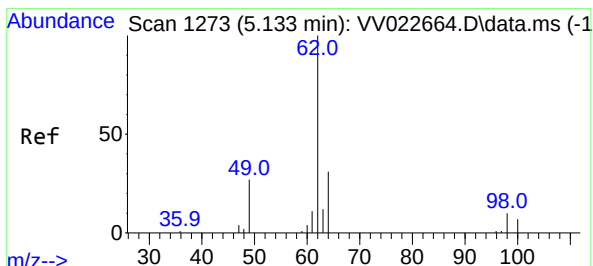
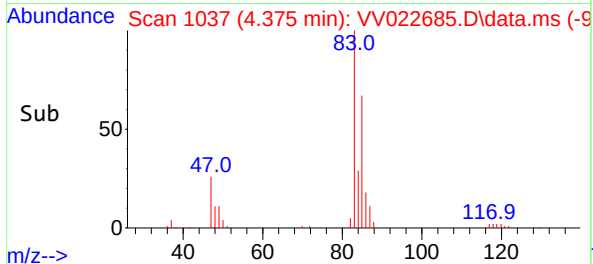
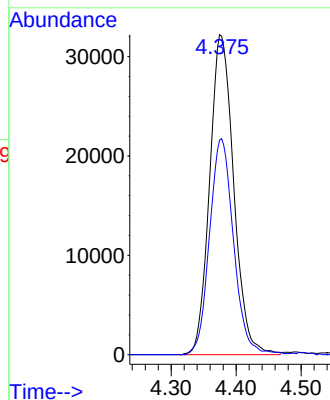
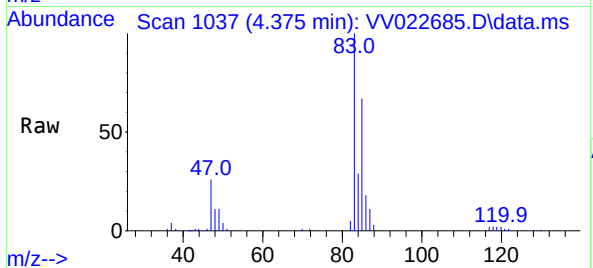


#25

Chloroform
Concen: 5.047 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

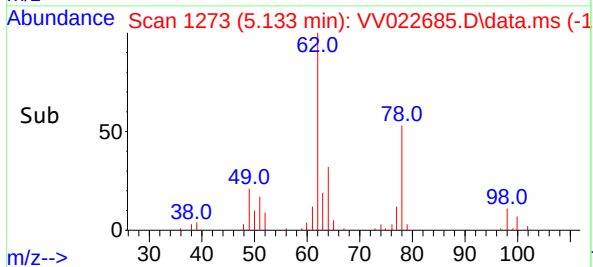
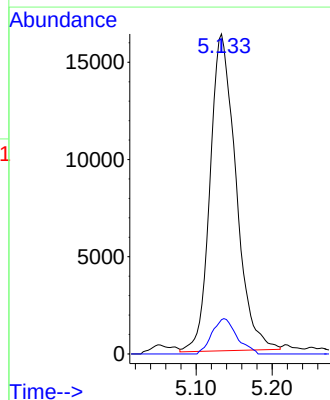
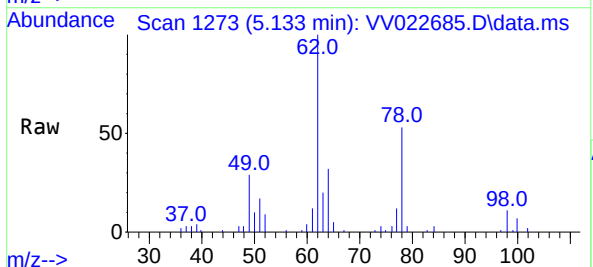
Tgt Ion: 83 Resp: 82907
Ion Ratio Lower Upper
83 100
85 67.0 45.7 84.9

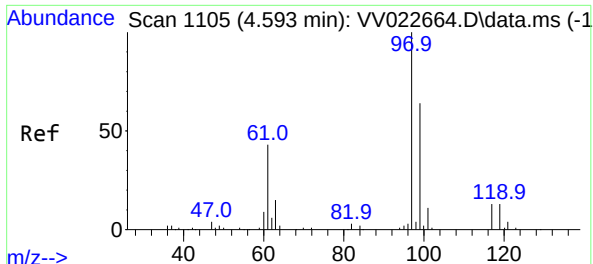


#27

1,2-Dichloroethane
Concen: 4.697 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 62 Resp: 38510
Ion Ratio Lower Upper
62 100
98 10.7 9.7 14.5



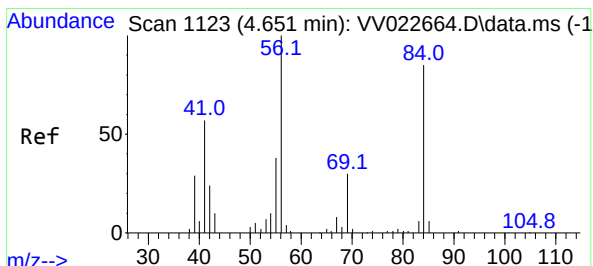
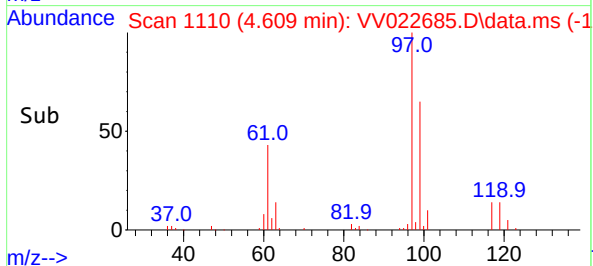
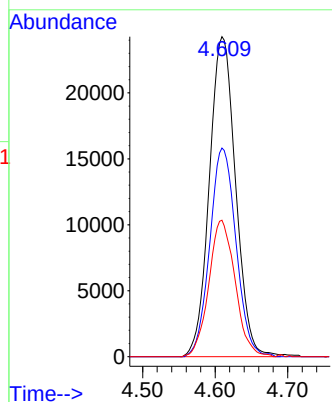
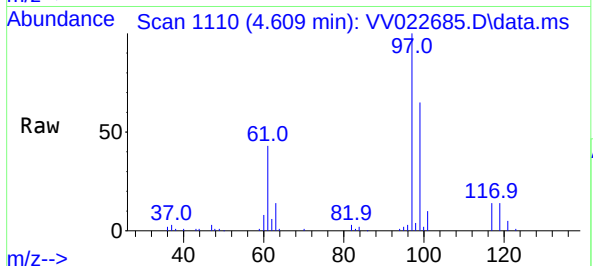


#29
1,1,1-Trichloroethane
Concen: 4.555 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.016 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

Tgt Ion: 97 Resp: 61102

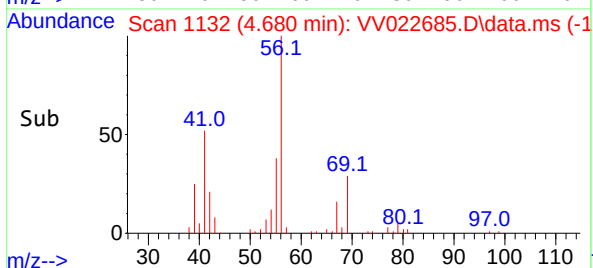
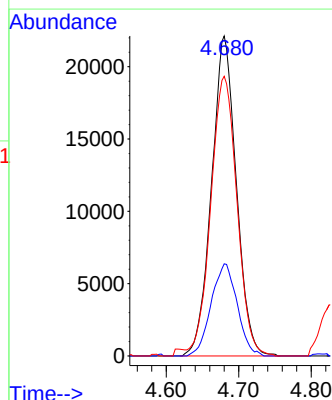
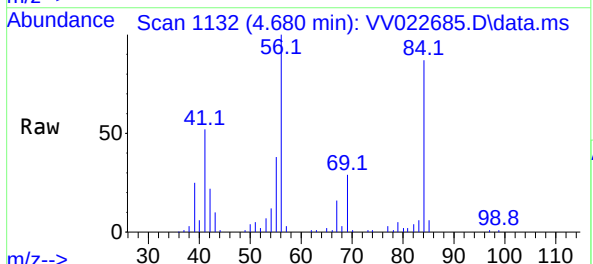
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.2	76.8
61	42.7	33.2	49.8

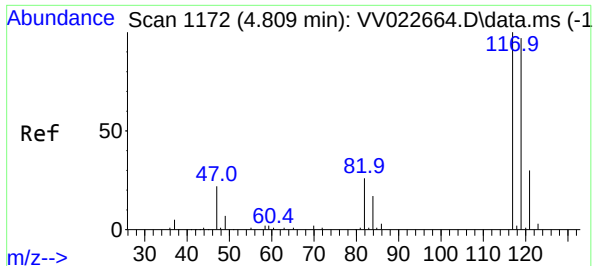


#30
Cyclohexane
Concen: 4.238 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.029 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 56 Resp: 52462

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.9	37.3
84	92.5	72.5	108.7

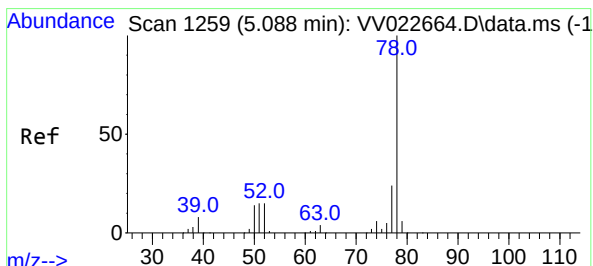
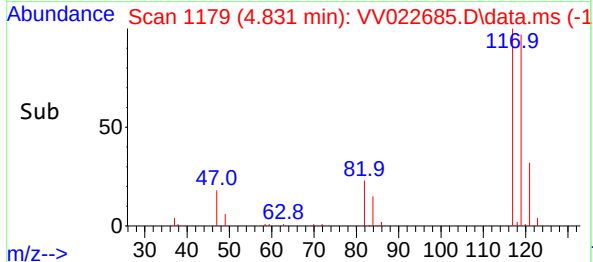
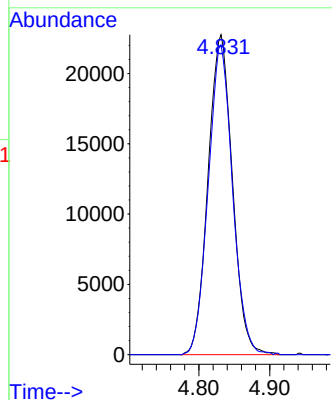
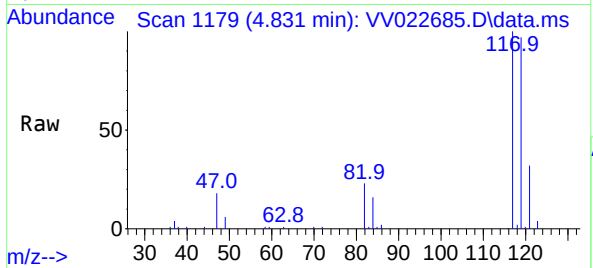




#31
Carbon tetrachloride
Concen: 4.660 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.022 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

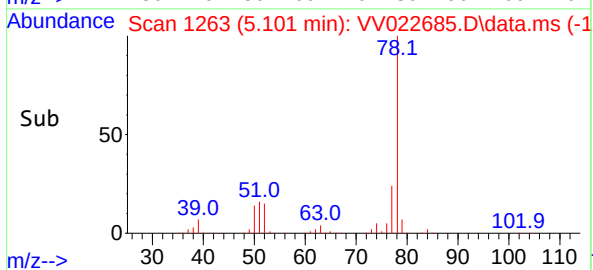
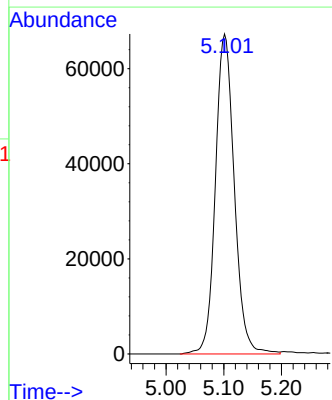
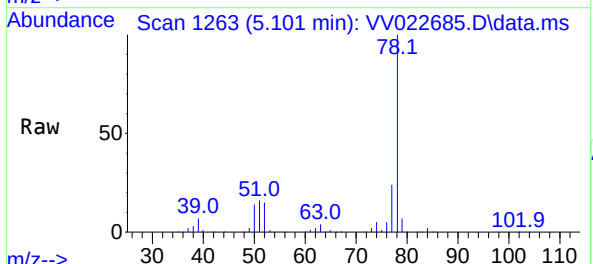
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

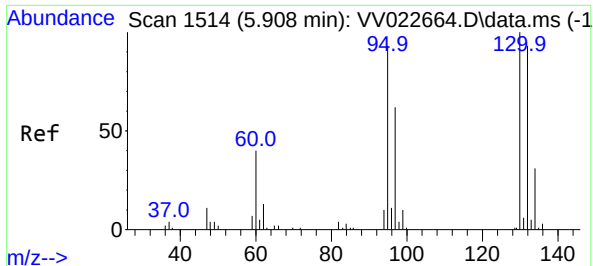
Tgt Ion:117 Resp: 54264
Ion Ratio Lower Upper
117 100
119 96.4 77.4 116.0



#33
Benzene
Concen: 4.833 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.013 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 78 Resp: 152904





#34

Trichloroethene

Concen: 4.700 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV022685.D

Acq: 08 Oct 2021 00:16

Tgt Ion: 95 Resp: 40433

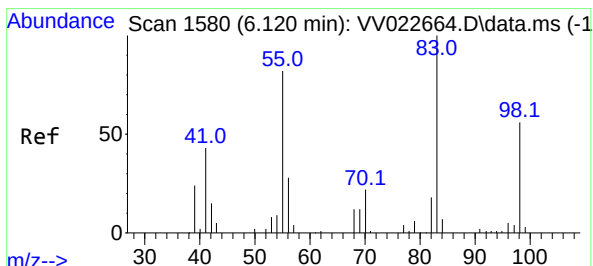
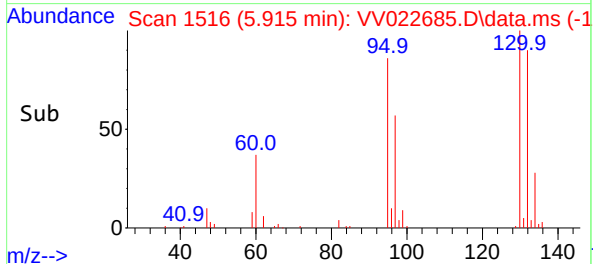
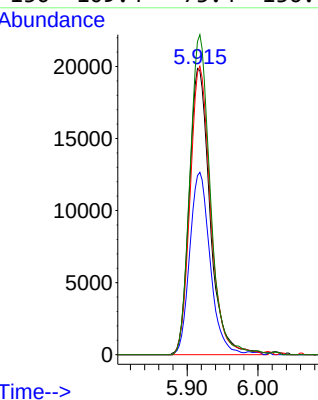
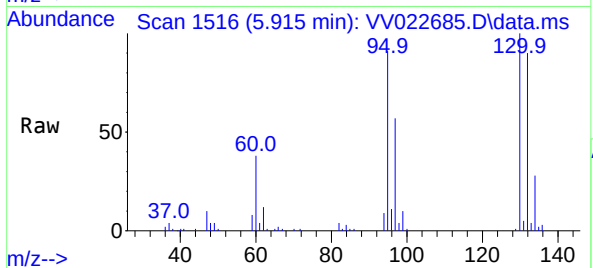
Ion Ratio Lower Upper

95 100

97 62.6 45.8 85.2

132 98.6 72.2 134.0

130 109.4 73.4 136.4



#35

Methylcyclohexane

Concen: 4.572 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.013 min

Lab File: VV022685.D

Acq: 08 Oct 2021 00:16

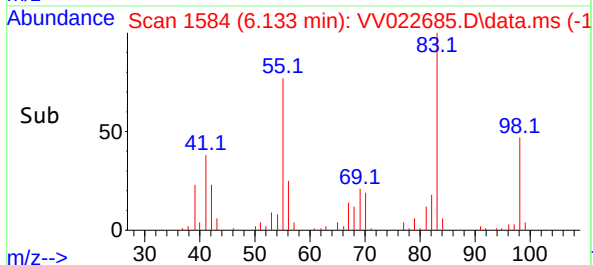
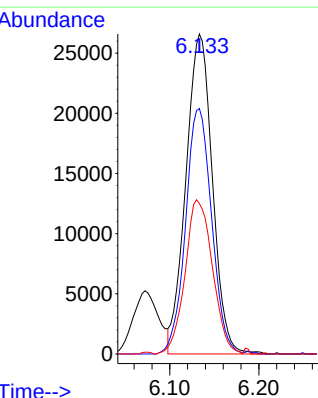
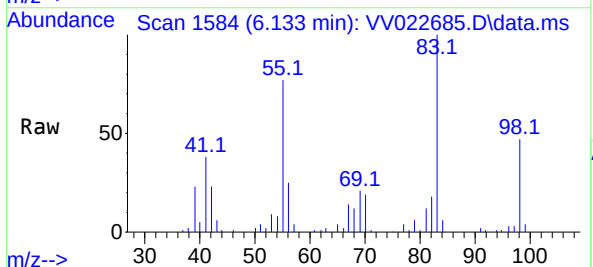
Tgt Ion: 83 Resp: 55114

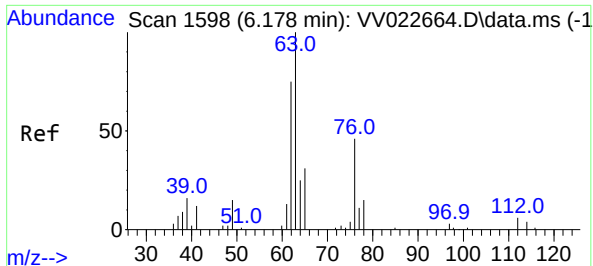
Ion Ratio Lower Upper

83 100

55 75.5 63.8 95.6

98 49.7 42.1 63.1

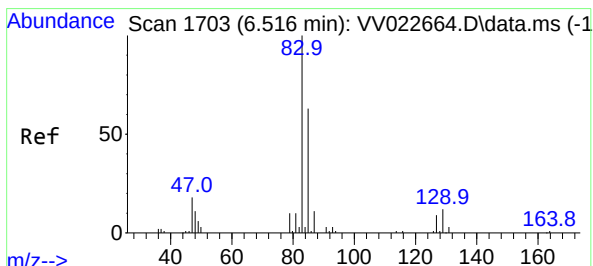
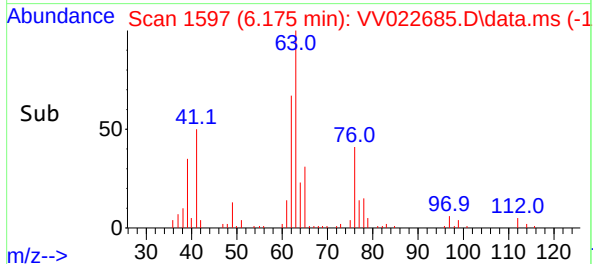
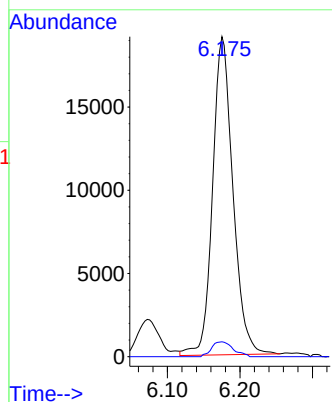
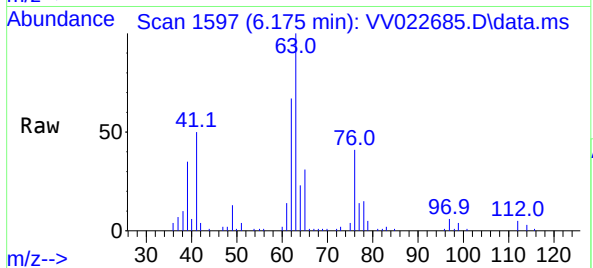




#37
1,2-Dichloropropane
Concen: 4.892 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

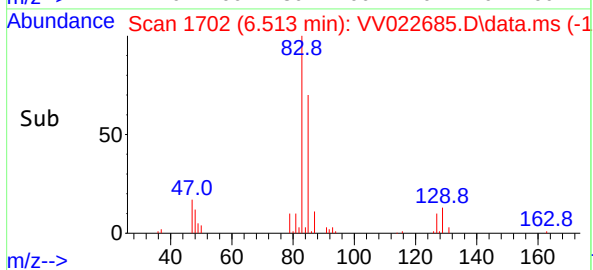
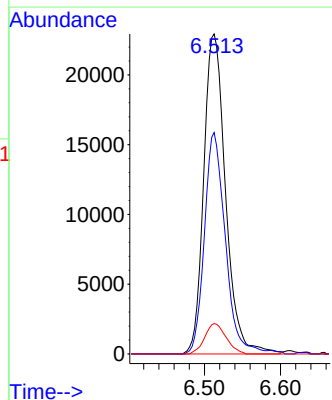
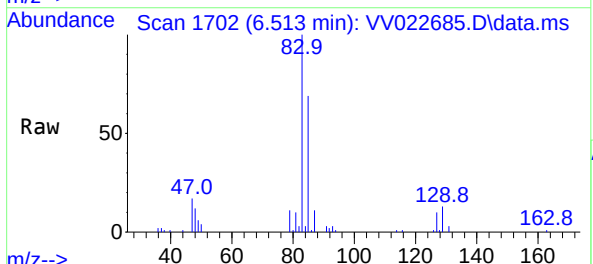
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

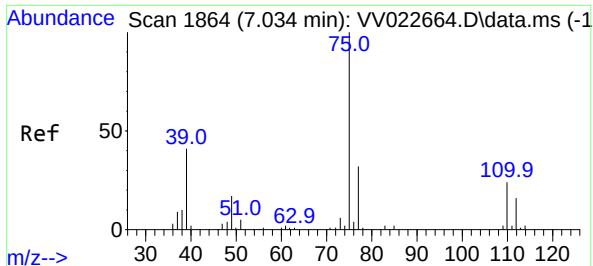
Tgt Ion: 63 Resp: 37222
Ion Ratio Lower Upper
63 100
112 5.0 4.4 6.6



#38
Bromodichloromethane
Concen: 4.884 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 83 Resp: 45787
Ion Ratio Lower Upper
83 100
85 69.2 44.3 82.3
127 9.5 7.7 11.5

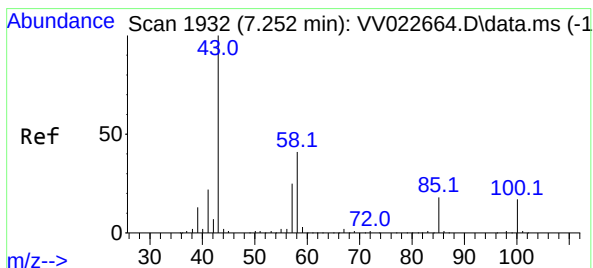
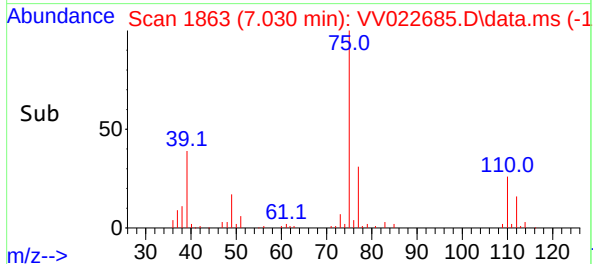
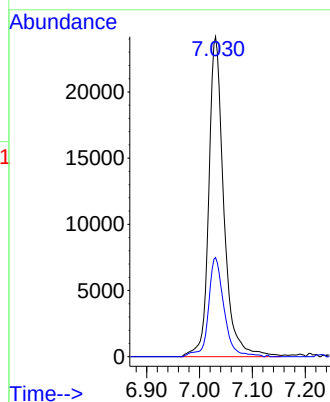
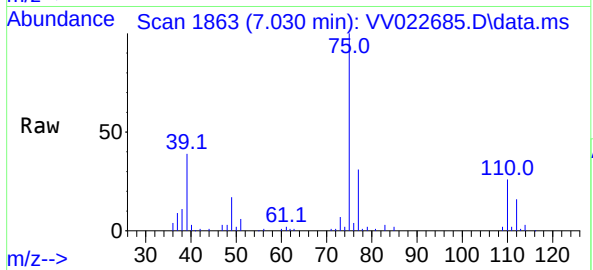




#39
 cis-1,3-Dichloropropene
 Concen: 4.748 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. -0.003 min
 Lab File: VV022685.D
 Acq: 08 Oct 2021 00:16

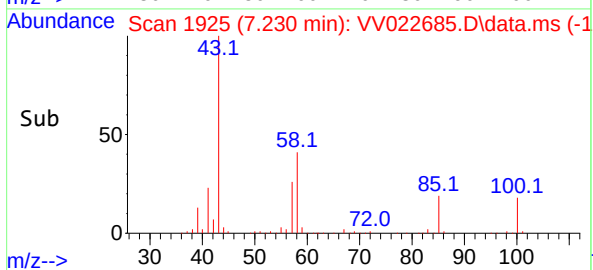
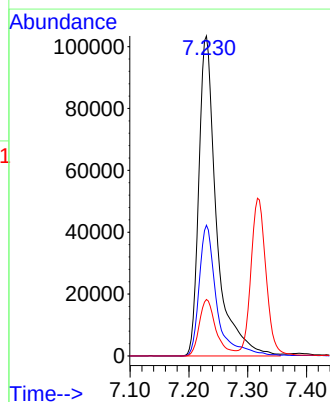
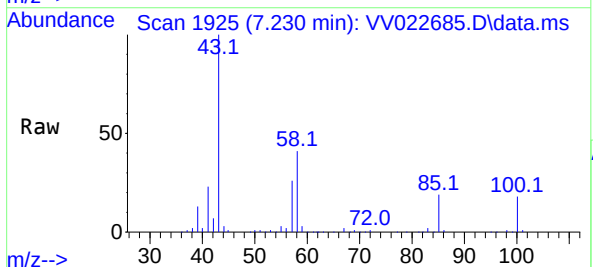
Instrument :
 MSVOA_V
 ClientSampleId :
 YAT35MS

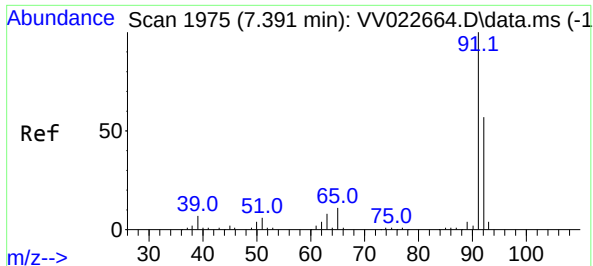
Tgt Ion: 75 Resp: 47822
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 52.867 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. -0.023 min
 Lab File: VV022685.D
 Acq: 08 Oct 2021 00:16

Tgt Ion: 43 Resp: 216149
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.0 48.0
 100 16.8 14.2 21.2





#42

Toluene

Concen: 5.127 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV022685.D

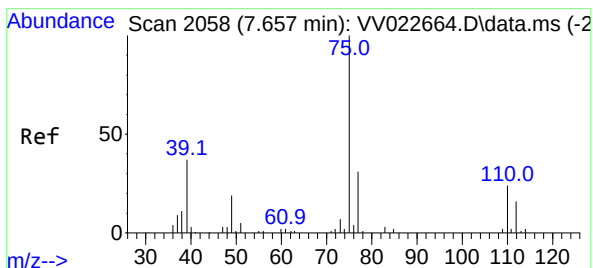
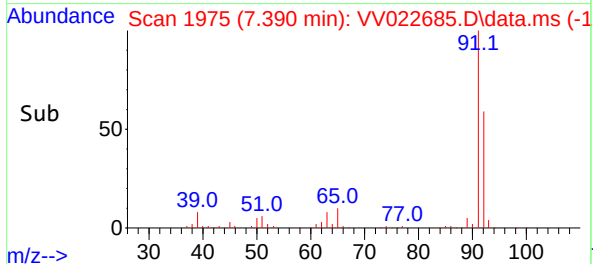
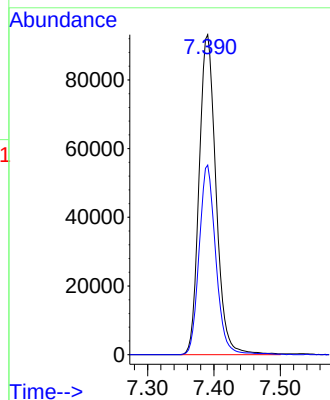
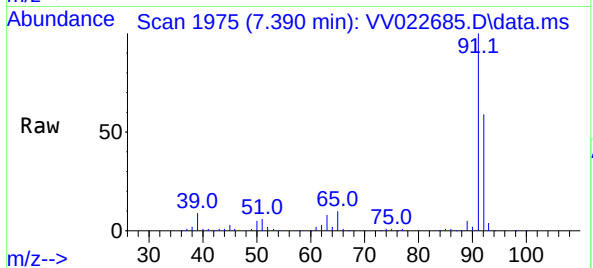
Acq: 08 Oct 2021 00:16

Tgt Ion: 91 Resp: 164685

Ion Ratio Lower Upper

91 100

92 59.3 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.043 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.003 min

Lab File: VV022685.D

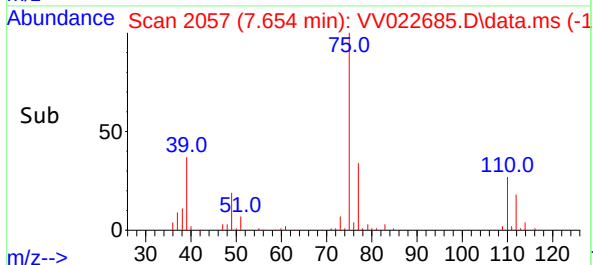
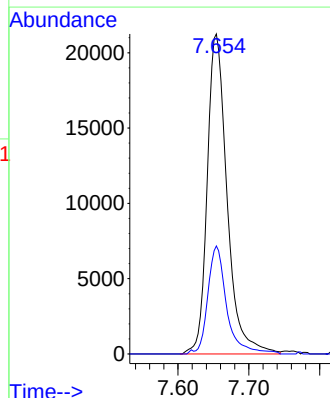
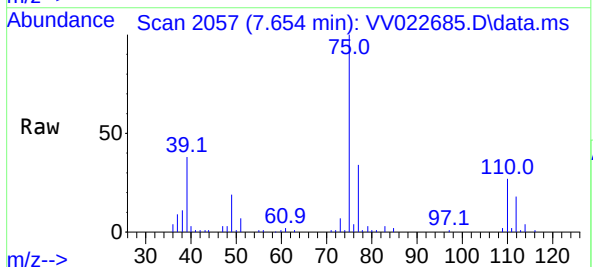
Acq: 08 Oct 2021 00:16

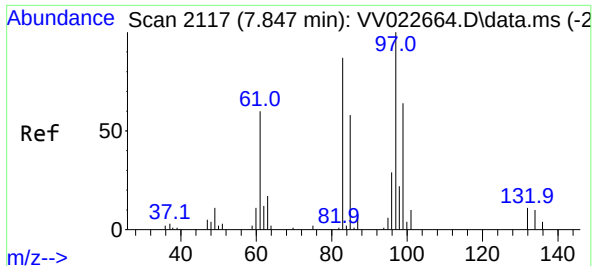
Tgt Ion: 75 Resp: 41409

Ion Ratio Lower Upper

75 100

77 33.8 23.9 44.5





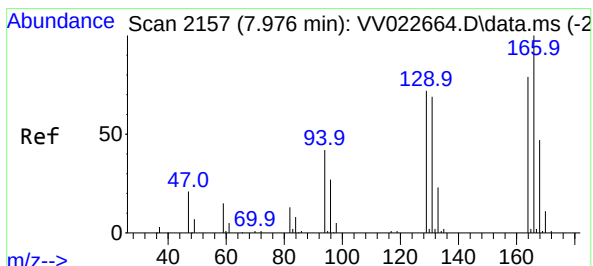
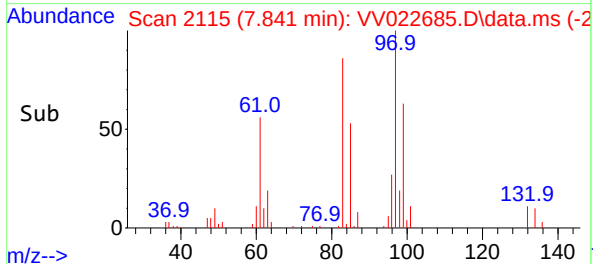
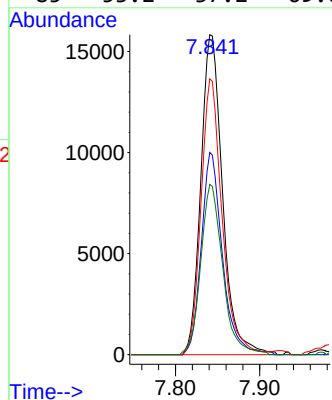
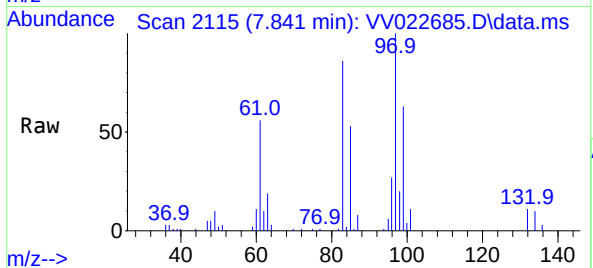
#45

1,1,2-Trichloroethane
Concen: 5.040 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.006 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

Tgt Ion: 97 Resp: 28460

Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.5	82.7
83	86.2	56.6	105.0
85	53.2	37.2	69.0

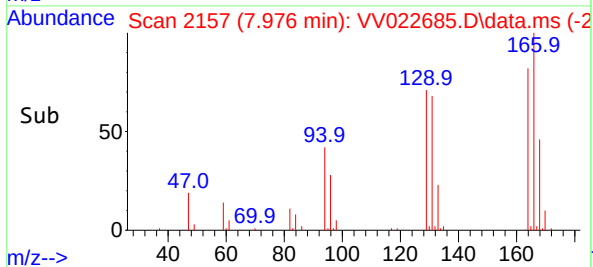
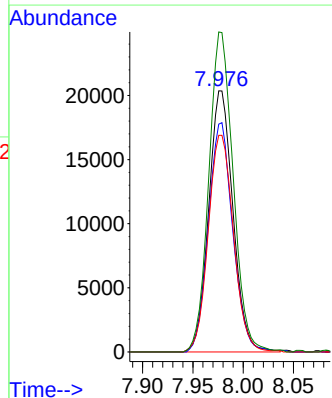
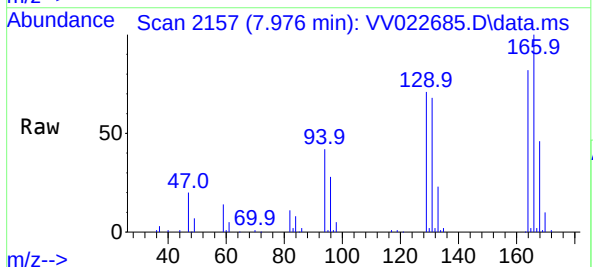


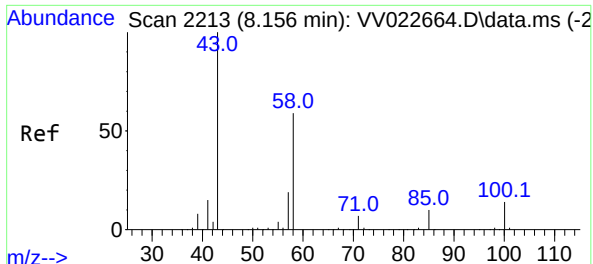
#47

Tetrachloroethene
Concen: 4.923 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 164 Resp: 34255

Ion	Ratio	Lower	Upper
164	100		
129	87.3	65.0	120.6
131	82.9	62.2	115.4
166	122.6	89.2	165.8

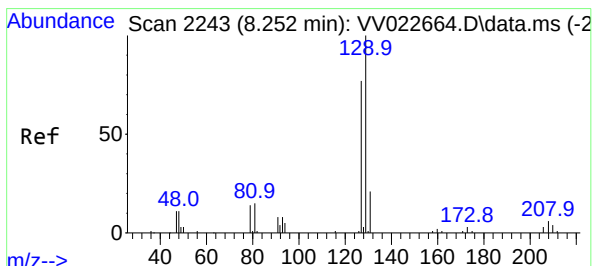
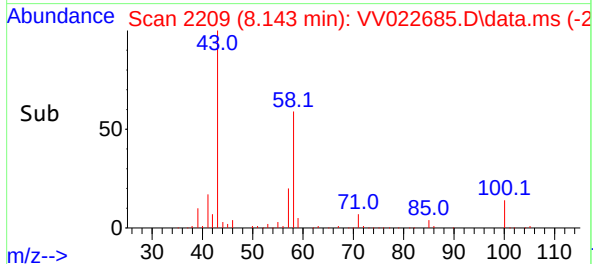
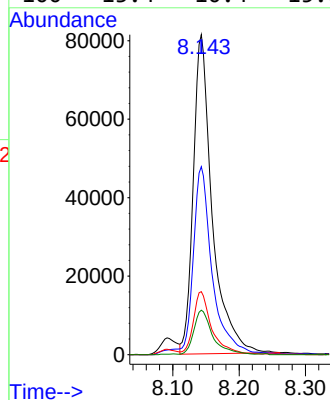
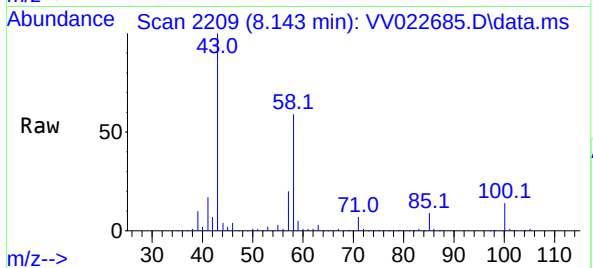




#48
2-Hexanone
Concen: 54.159 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.013 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

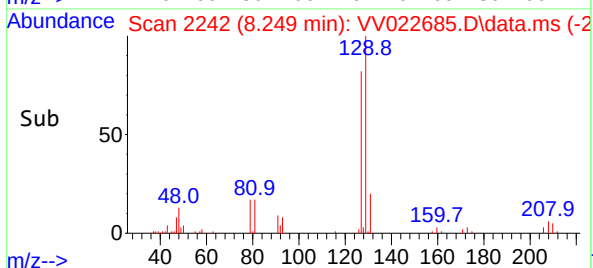
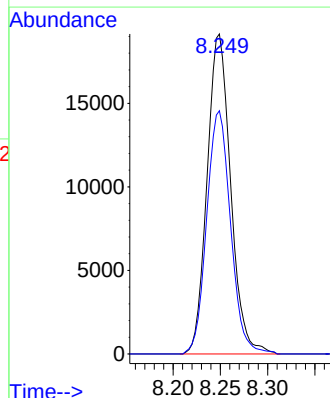
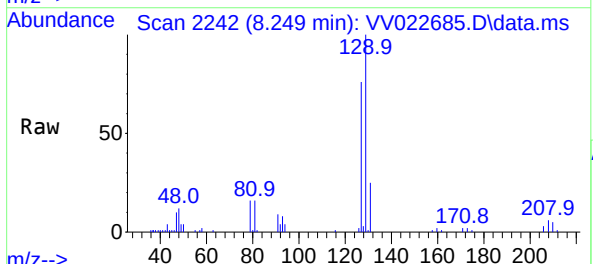
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

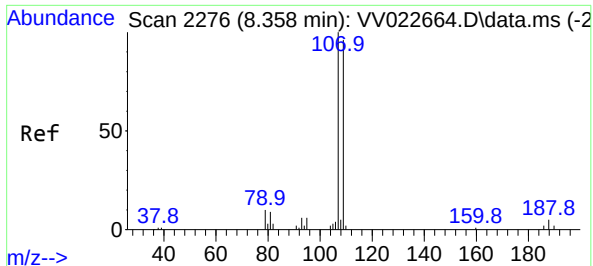
Tgt Ion: 43 Resp: 161904
Ion Ratio Lower Upper
43 100
58 60.2 47.4 71.0
57 18.8 15.3 22.9
100 13.4 10.4 15.6



#49
Dibromochloromethane
Concen: 5.026 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 129 Resp: 33221
Ion Ratio Lower Upper
129 100
127 76.0 59.1 109.9

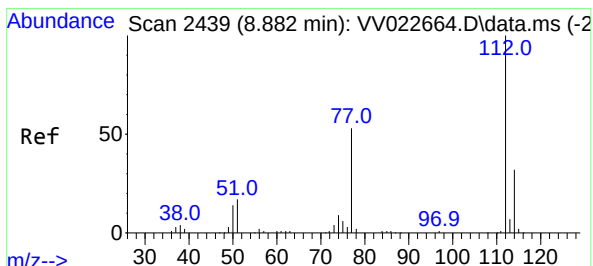
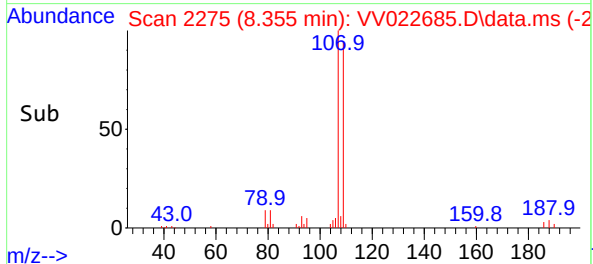
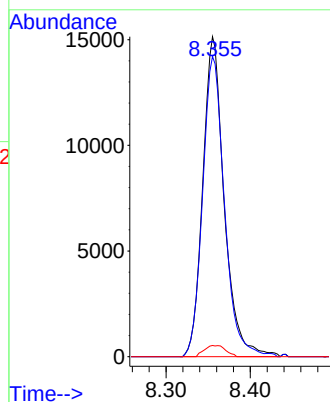
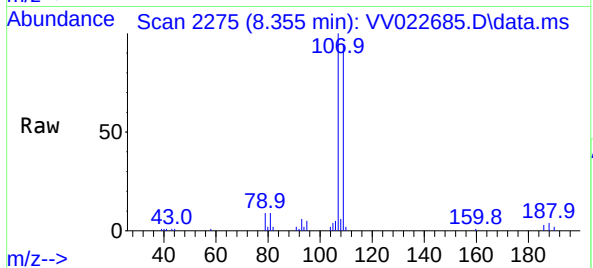




#50
1,2-Dibromoethane
Concen: 5.069 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

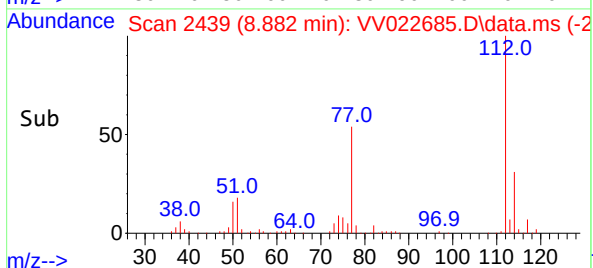
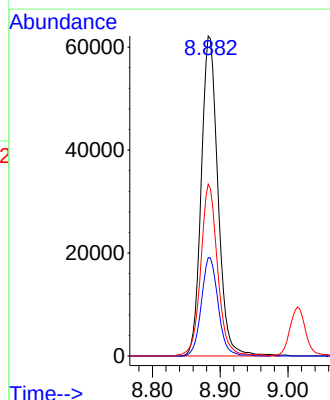
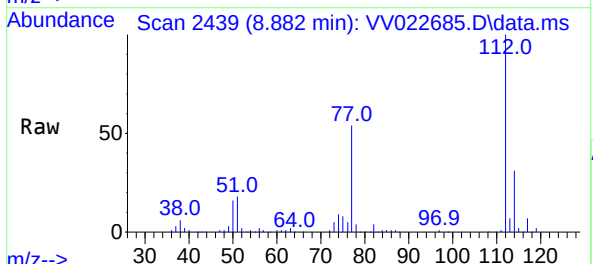
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

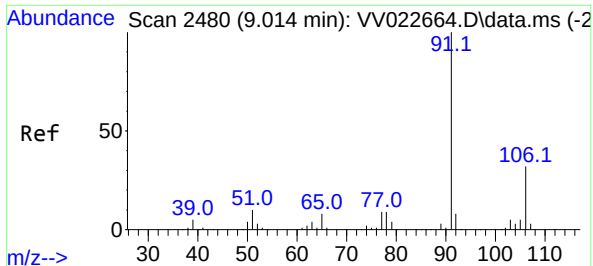
Tgt Ion:107 Resp: 26728
Ion Ratio Lower Upper
107 100
109 93.8 67.1 124.5
188 3.5 3.4 5.0



#51
Chlorobenzene
Concen: 5.032 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion:112 Resp: 106206
Ion Ratio Lower Upper
112 100
114 30.7 21.6 40.2
77 53.7 43.7 65.5

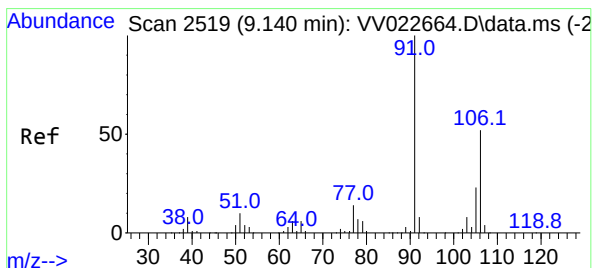
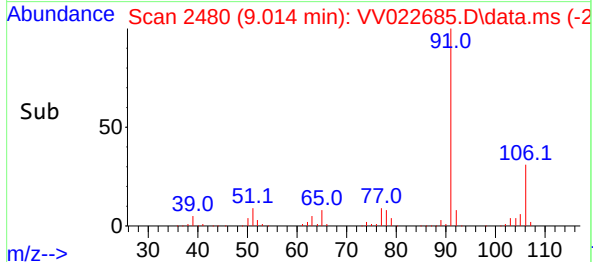
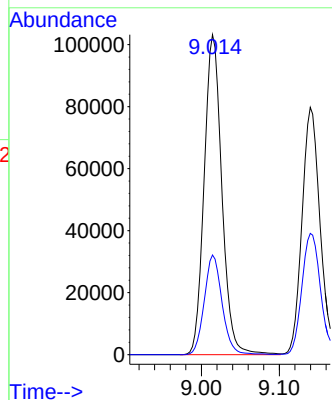
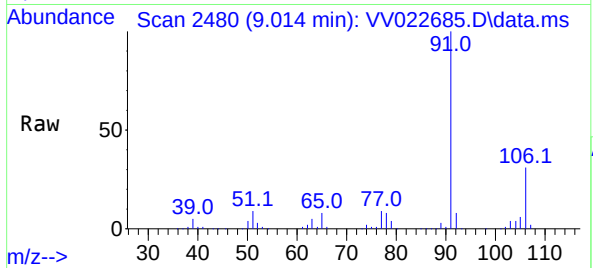




#52
Ethylbenzene
Concen: 5.005 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

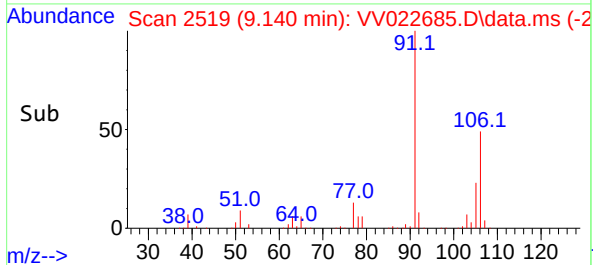
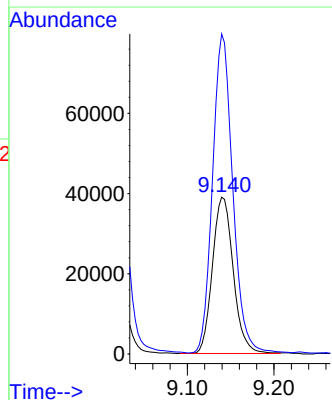
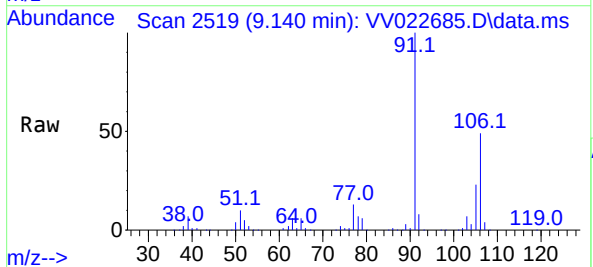
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

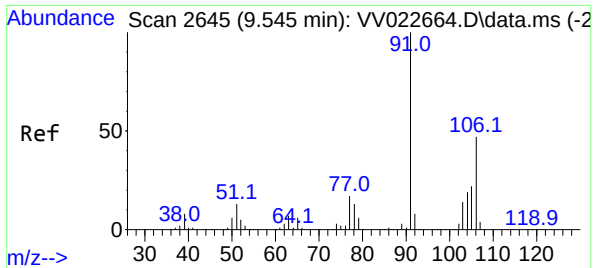
Tgt Ion: 91 Resp: 163222
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.2



#53
m,p-xylene
Concen: 5.092 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 106 Resp: 65160
Ion Ratio Lower Upper
106 100
91 204.0 138.7 257.5

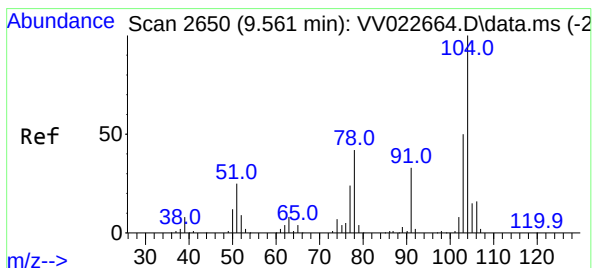
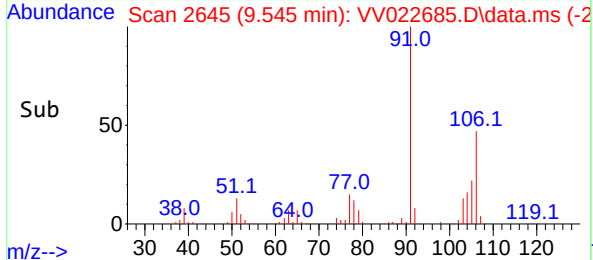
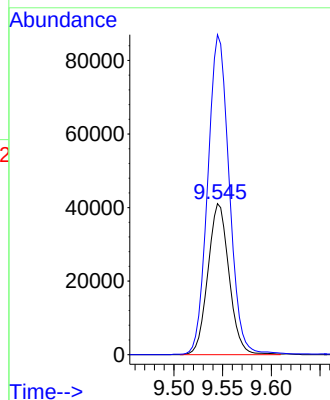
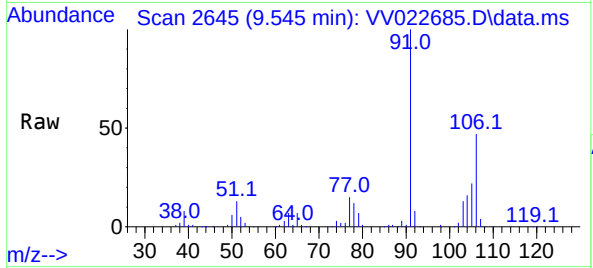




#54
o-xylene
Concen: 5.154 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

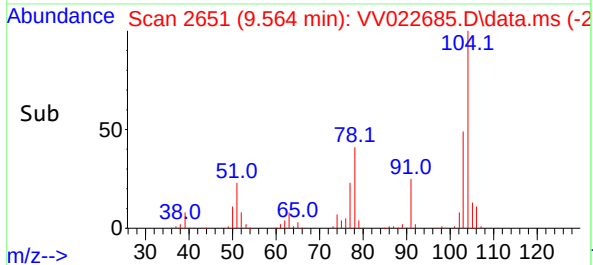
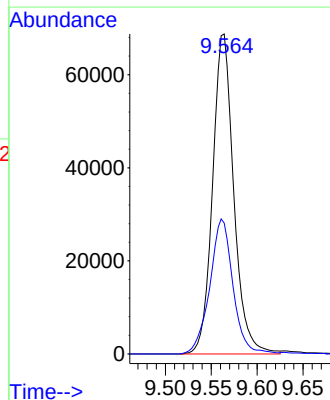
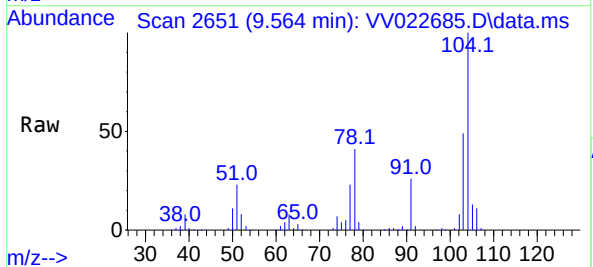
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

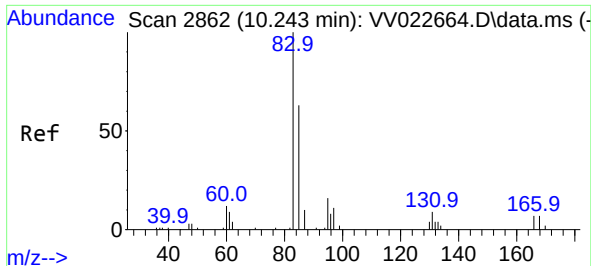
Tgt Ion:106 Resp: 62047
Ion Ratio Lower Upper
106 100
91 211.8 151.1 280.7



#55
Styrene
Concen: 5.322 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion:104 Resp: 110394
Ion Ratio Lower Upper
104 100
78 40.9 29.5 54.7

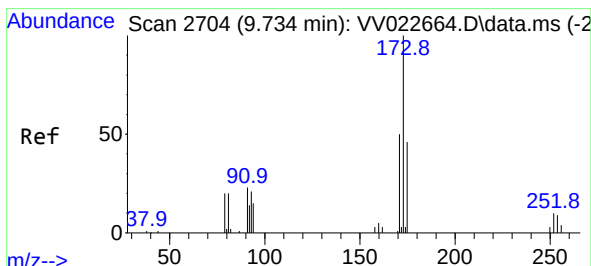
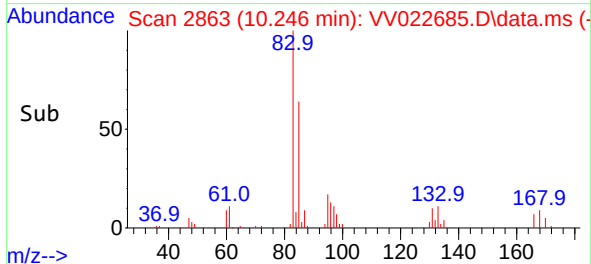
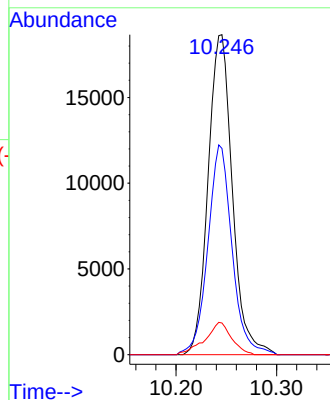
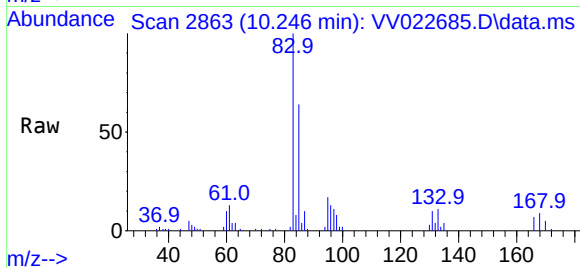




#57
1,1,2,2-Tetrachloroethane
Concen: 5.471 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

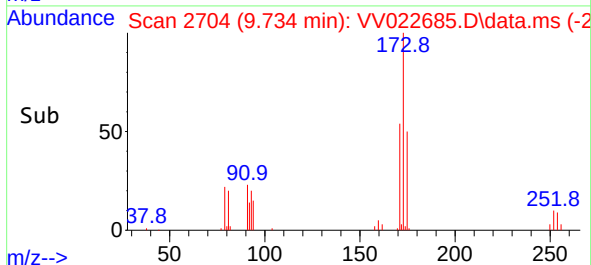
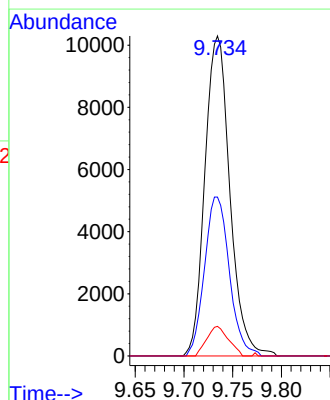
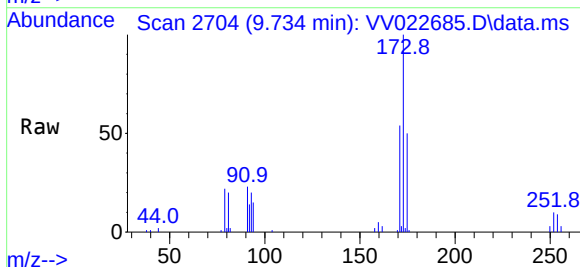
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

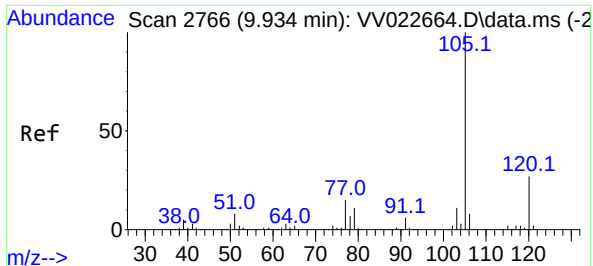
Tgt Ion: 83 Resp: 31253
Ion Ratio Lower Upper
83 100
85 64.4 46.0 85.4
131 9.9 8.4 12.6



#59
Bromoform
Concen: 4.940 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion:173 Resp: 18373
Ion Ratio Lower Upper
173 100
175 49.4 38.3 57.5
254 8.0 7.1 10.7

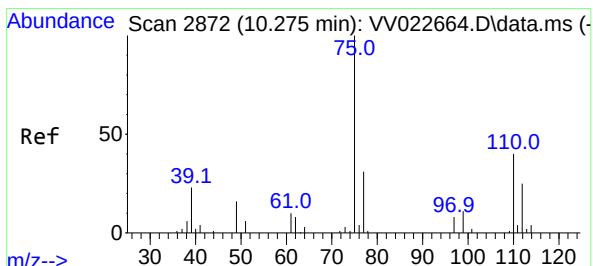
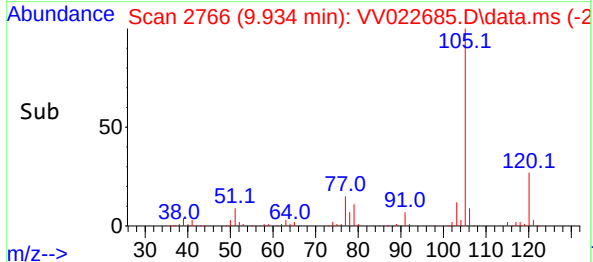
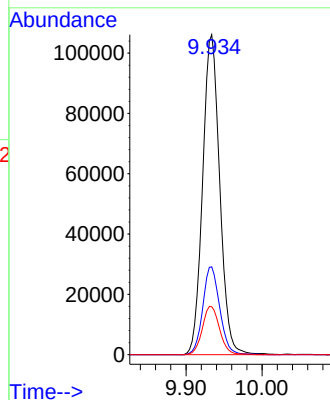
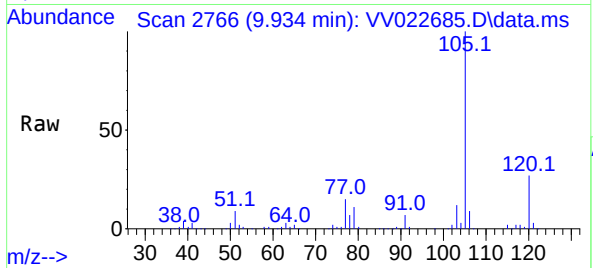




#60
Isopropylbenzene
Concen: 4.921 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

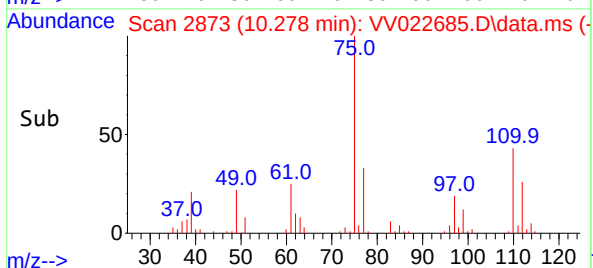
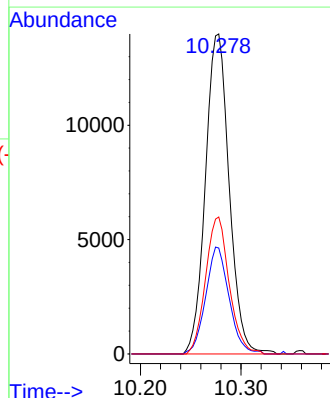
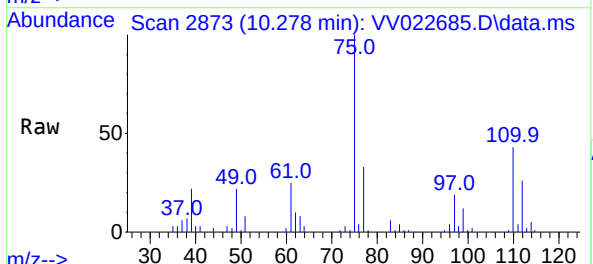
Instrument :
MSVOA_V
ClientSampled :
YAT35MS

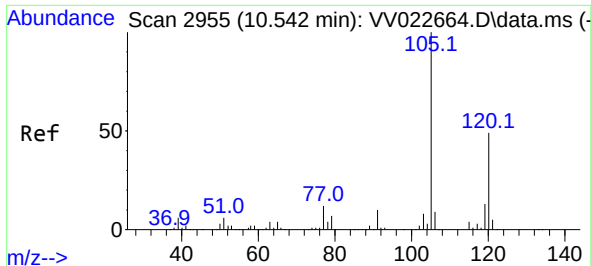
Tgt Ion:105 Resp: 165940
Ion Ratio Lower Upper
105 100
120 27.3 21.8 32.8
77 15.2 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.977 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion: 75 Resp: 22960
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2
110 42.5 34.2 51.4

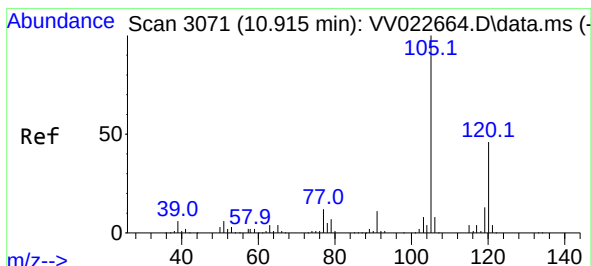
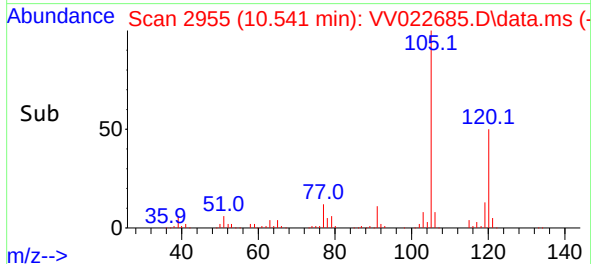
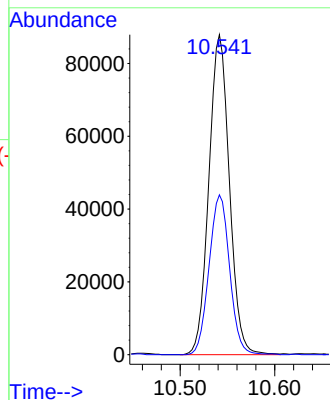
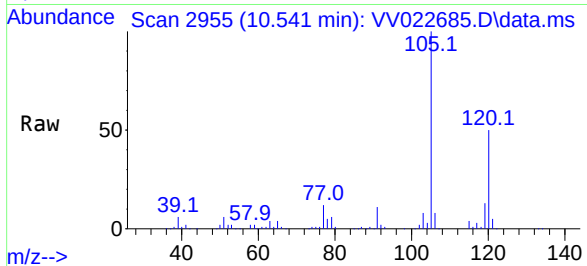




#62
1,3,5-Trimethylbenzene
Concen: 4.866 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

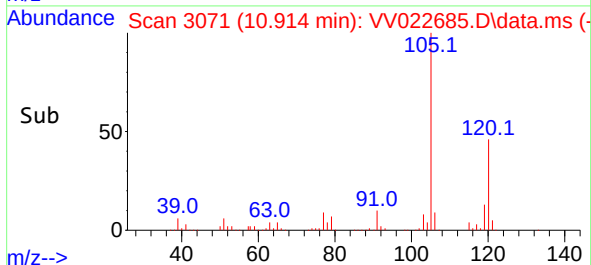
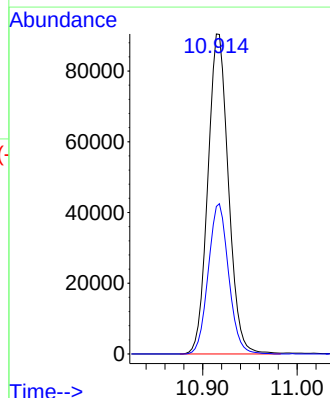
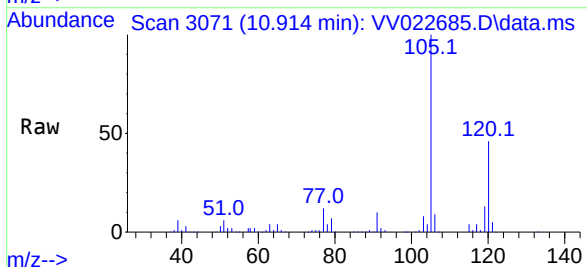
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

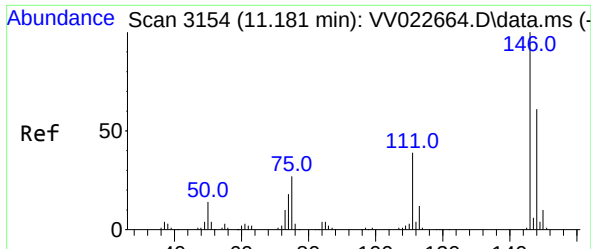
Tgt Ion:105 Resp: 132572
Ion Ratio Lower Upper
105 100
120 50.0 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 5.017 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion:105 Resp: 136803
Ion Ratio Lower Upper
105 100
120 46.5 37.3 55.9

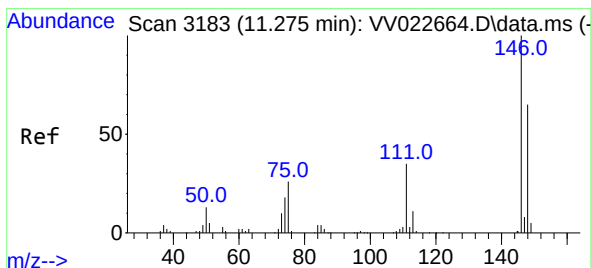
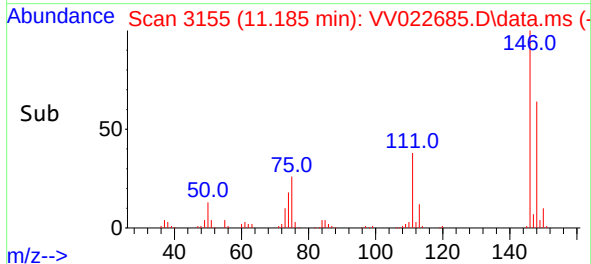
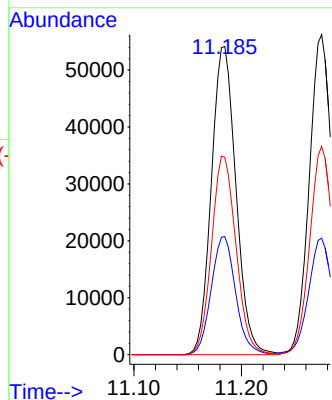
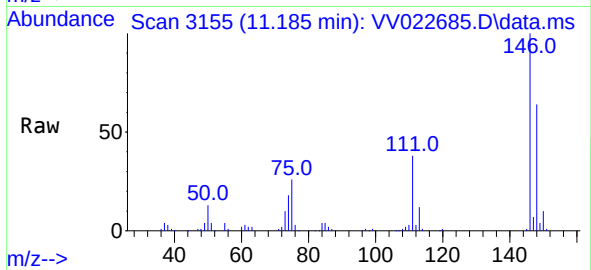




#64
1,3-Dichlorobenzene
Concen: 4.868 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

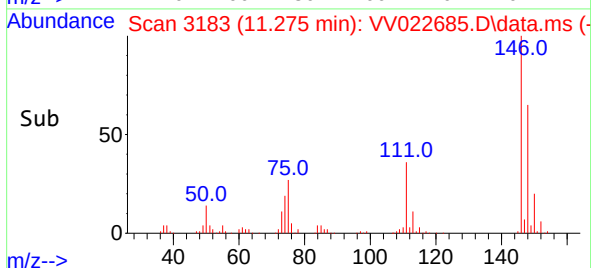
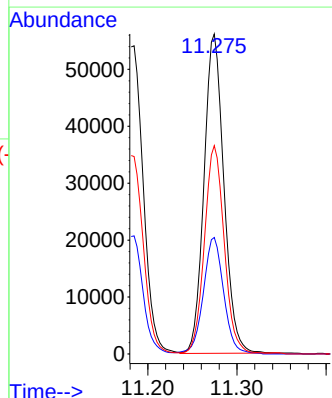
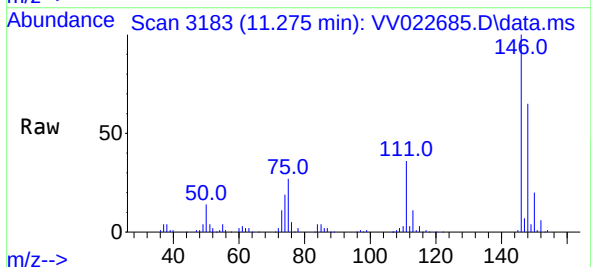
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

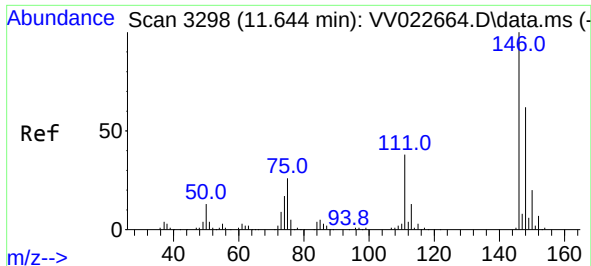
Tgt Ion:146 Resp: 86166
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.5
148 64.1 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.838 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion:146 Resp: 86952
Ion Ratio Lower Upper
146 100
111 36.4 25.6 47.4
148 65.1 44.9 83.5

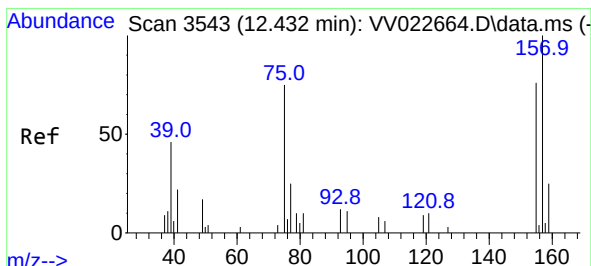
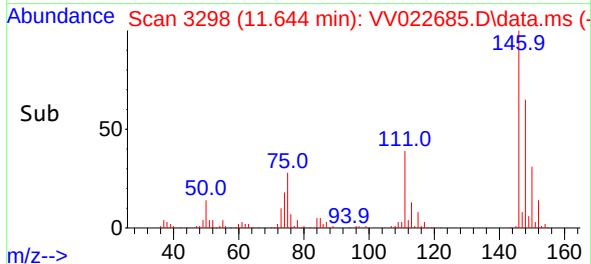
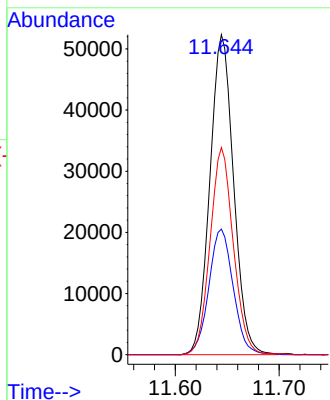
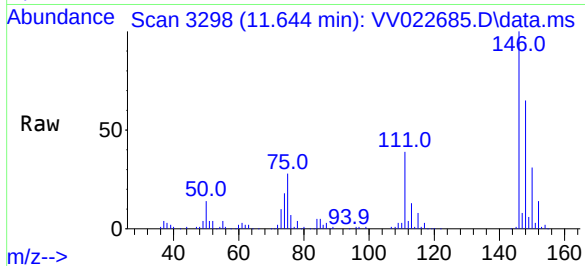




#67
1,2-Dichlorobenzene
Concen: 4.996 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

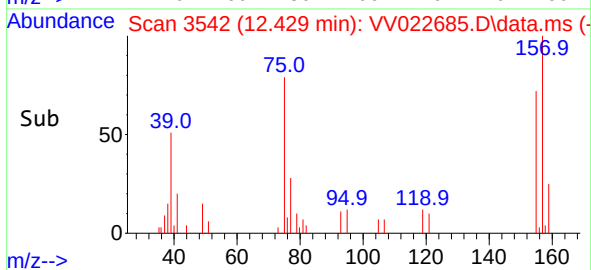
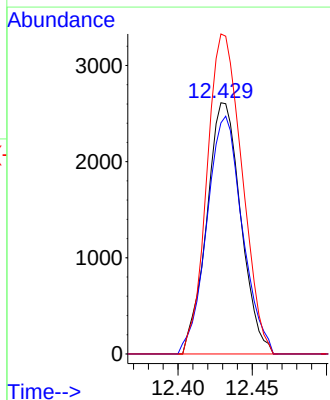
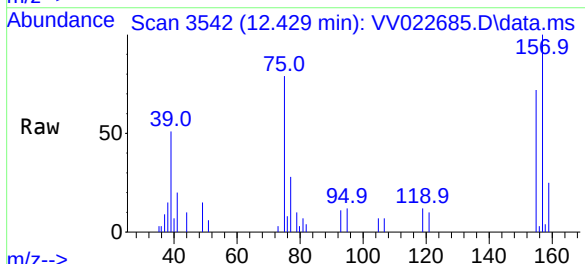
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

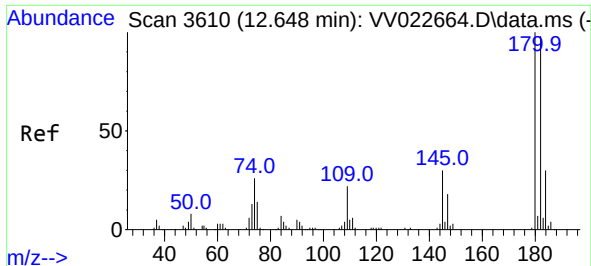
Tgt Ion:	146	Resp:	82941
Ion	Ratio	Lower	Upper
146	100		
111	39.2	32.3	48.5
148	64.8	52.1	78.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.968 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion:	75	Resp:	4171
Ion	Ratio	Lower	Upper
75	100		
155	91.9	82.4	123.6
157	127.4	114.1	171.1

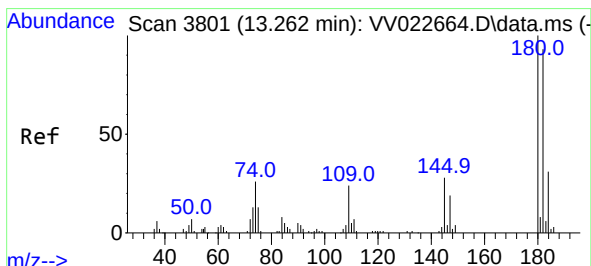
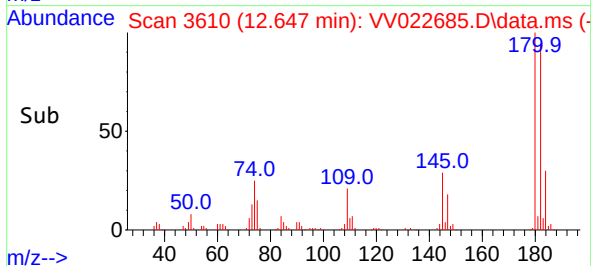
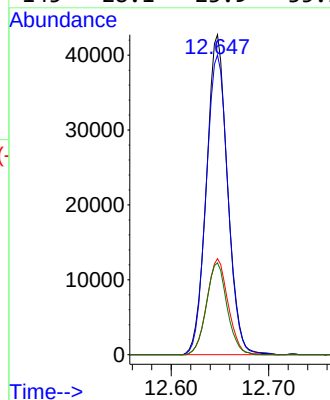
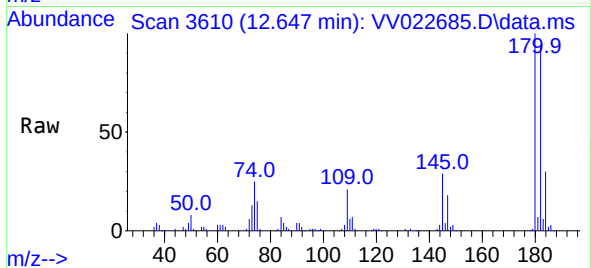




#69
1,3,5-Trichlorobenzene
Concen: 4.825 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

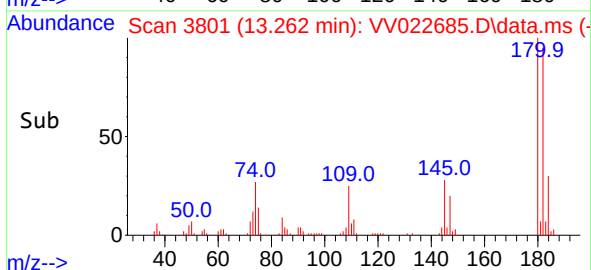
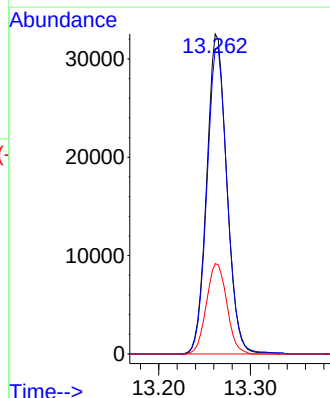
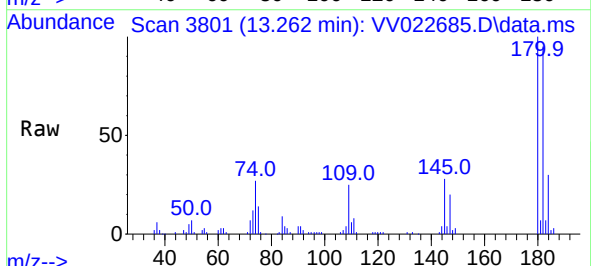
Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

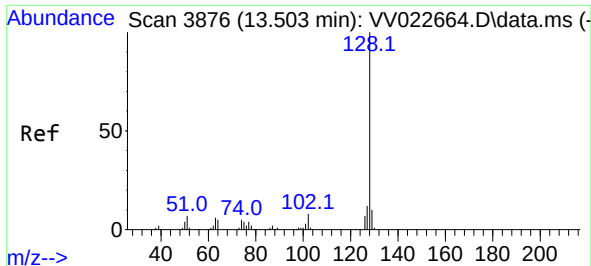
Tgt Ion:180 Resp: 64331
Ion Ratio Lower Upper
180 100
182 96.6 77.0 115.6
184 30.2 24.5 36.7
145 28.1 23.9 35.9



#70
1,2,4-trichlorobenzene
Concen: 4.868 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion:180 Resp: 49580
Ion Ratio Lower Upper
180 100
182 96.9 76.0 114.0
145 28.7 24.1 36.1



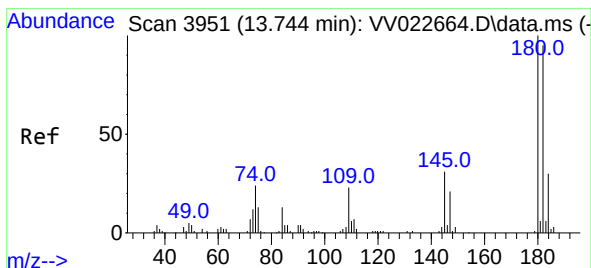
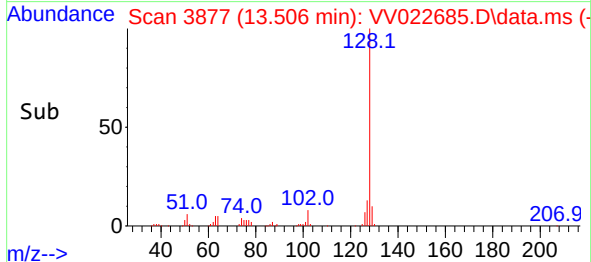
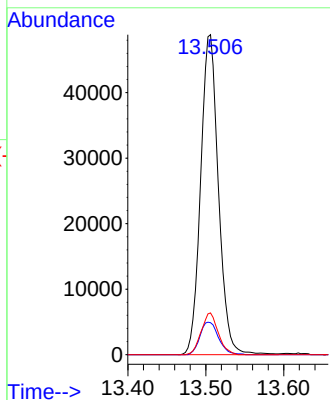
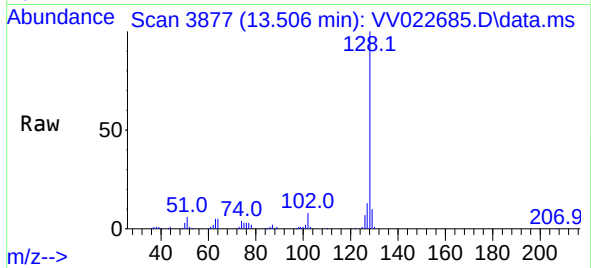


#71
Naphthalene
Concen: 4.782 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Instrument :
MSVOA_V
ClientSampleId :
YAT35MS

Tgt Ion:128 Resp: 77414

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.3	13.9
127	12.5	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.925 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022685.D
Acq: 08 Oct 2021 00:16

Tgt Ion:180 Resp: 47298

Ion	Ratio	Lower	Upper
180	100		
182	97.7	75.5	113.3
145	31.3	24.7	37.1

