

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023880.D
 Acq On : 10 Dec 2021 12:15
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 03:27:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 03:24:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	112187	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	114536	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29971	3.394	ug/L	0.00
7) Chloroethane-d5	1.568	69	24522	3.497	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	58041	3.736	ug/L	0.00
20) 2-Butanone-d5	3.902	46	46189	42.491	ug/L	0.00
24) Chloroform-d	4.346	84	67365	4.234	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	30707	4.135	ug/L	0.00
32) Benzene-d6	5.047	84	114452	3.788	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	33963	3.967	ug/L	0.00
41) Toluene-d8	7.313	98	104704	3.762	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	14469	4.186	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	64205	53.048	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28516	4.522	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	44809	3.745	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	50344	4.851	ug/L	98
3) Chloromethane	1.240	50	42772	4.746	ug/L	96
5) Vinyl chloride	1.310	62	45281	4.784	ug/L	99
6) Bromomethane	1.523	94	28946	5.239	ug/L	99
8) Chloroethane	1.584	64	29179	4.796	ug/L	94
9) Trichlorofluoromethane	1.754	101	79890	5.108	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	41939	5.292	ug/L	99
12) 1,1-Dichloroethene	2.117	96	37718	5.096	ug/L	96
13) Acetone	2.191	43	32414	35.215	ug/L	74
14) Carbon disulfide	2.294	76	110303	4.553	ug/L	100
15) Methyl Acetate	2.436	43	8817	4.078	ug/L #	87
16) Methylene chloride	2.506	84	44306	4.170	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	87149	5.614	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	42579	5.050	ug/L	98
19) 1,1-Dichloroethane	3.188	63	76537	5.333	ug/L	99
21) 2-Butanone	3.989	43	47395	39.901	ug/L	89
22) cis-1,2-Dichloroethene	3.908	96	46185	5.594	ug/L	99
23) Bromochloromethane	4.243	128	20957	5.435	ug/L	90
25) Chloroform	4.375	83	85011	5.320	ug/L	98
27) 1,2-Dichloroethane	5.130	62	45760	5.413	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	77866	5.256	ug/L	99
30) Cyclohexane	4.674	56	61372	5.039	ug/L	98
31) Carbon tetrachloride	4.825	117	71028	5.248	ug/L	99
33) Benzene	5.098	78	171114	5.310	ug/L	100
34) Trichloroethene	5.911	95	46943	5.391	ug/L	97
35) Methylcyclohexane	6.130	83	69771	5.211	ug/L	98
37) 1,2-Dichloropropane	6.169	63	39213	5.134	ug/L	99
38) Bromodichloromethane	6.506	83	56589	5.407	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	59675	5.432	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	207811	56.458	ug/L	99
42) Toluene	7.384	91	193414	5.544	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	51399	5.560	ug/L	100

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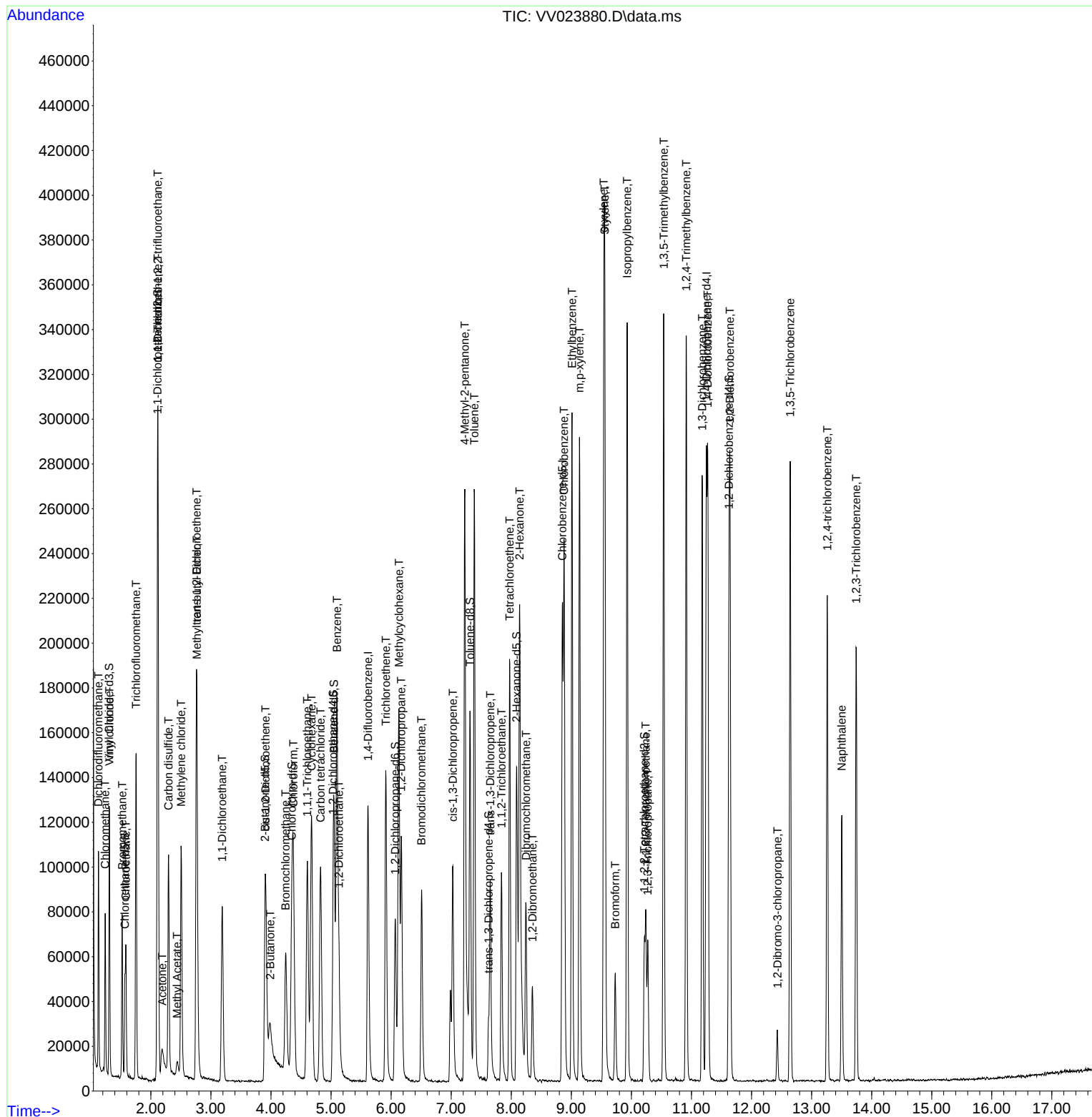
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	30987	5.775	ug/L	97
47) Tetrachloroethene	7.976	164	42542	5.391	ug/L	98
48) 2-Hexanone	8.140	43	156317	57.532	ug/L	99
49) Dibromochloromethane	8.246	129	41292	5.619	ug/L	98
50) 1,2-Dibromoethane	8.352	107	28279	5.471	ug/L	93
51) Chlorobenzene	8.879	112	127036	5.451	ug/L	97
52) Ethylbenzene	9.011	91	206687	5.615	ug/L	98
53) m,p-xylene	9.136	106	81709	5.627	ug/L	95
54) o-xylene	9.542	106	78601	5.642	ug/L	96
55) Styrene	9.558	104	136033	5.833	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	32483	5.490	ug/L	99
59) Bromoform	9.731	173	23851	5.247	ug/L	97
60) Isopropylbenzene	9.931	105	215238	5.288	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24140	4.983	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	177500	5.232	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	178328	5.339	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	109597	5.240	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	108466	5.166	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	99081	5.179	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	5307	5.443	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	85207	5.198	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	67256	5.264	ug/L	99
71) Naphthalene	13.503	128	93532	5.391	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	60530	5.452	ug/L	97

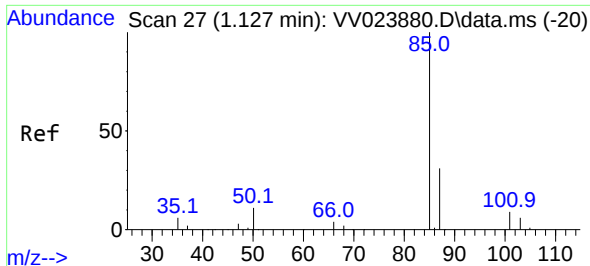
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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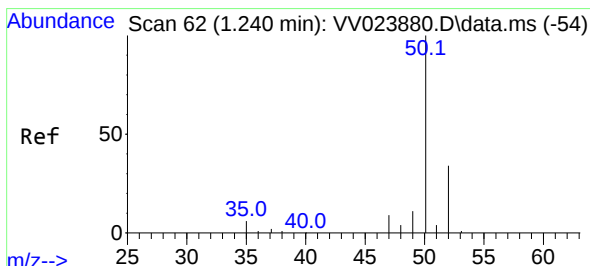
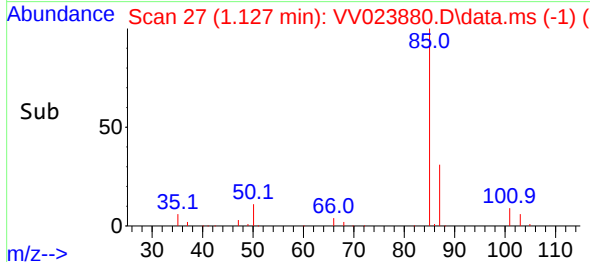
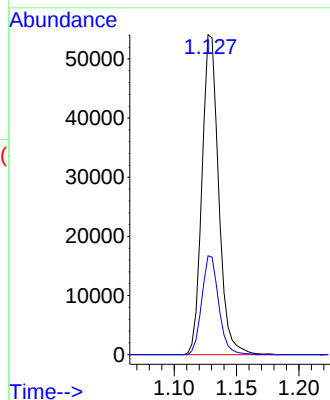
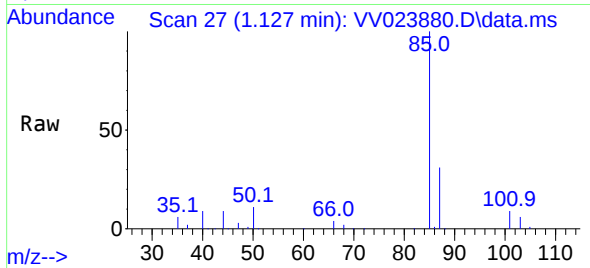




#2
 Dichlorodifluoromethane
 Concen: 4.851 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023880.D
 Acq: 10 Dec 2021 12:15

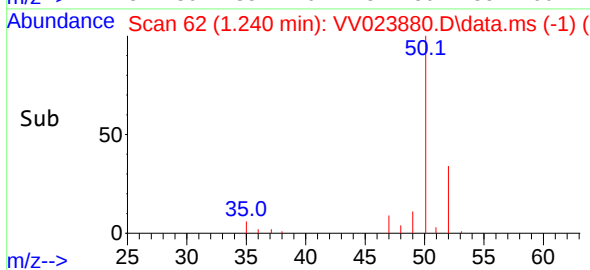
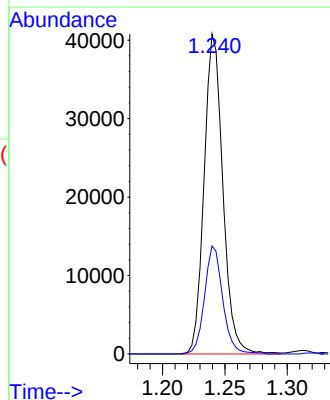
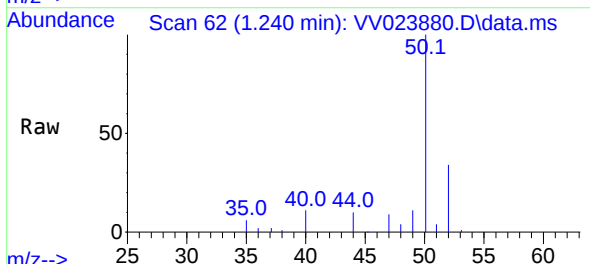
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 50344
 Ion Ratio Lower Upper
 85 100
 87 31.3 26.0 39.0

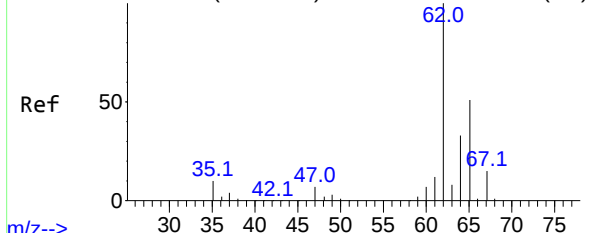


#3
 Chloromethane
 Concen: 4.746 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023880.D
 Acq: 10 Dec 2021 12:15

Tgt Ion: 50 Resp: 42772
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.0 41.0



Abundance Scan 84 (1.310 min): VV023880.D\data.ms (-76)



#5

Vinyl chloride

Concen: 4.784 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

Instrument :

MSVOA_V

ClientSampleId :

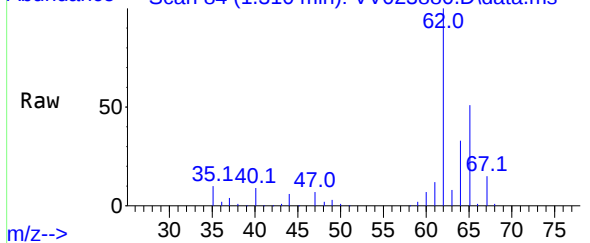
Tgt Ion: 62 Resp: 45281

Ion Ratio Lower Upper

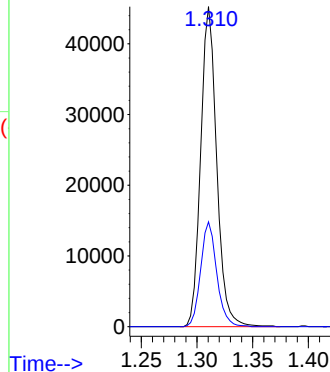
62 100

64 32.7 22.4 41.6

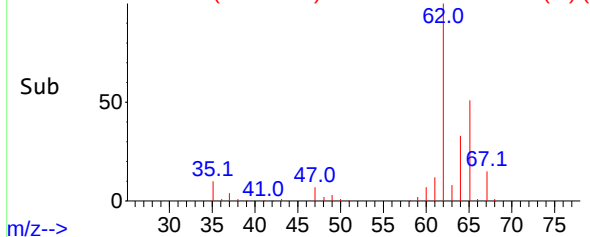
Abundance Scan 84 (1.310 min): VV023880.D\data.ms



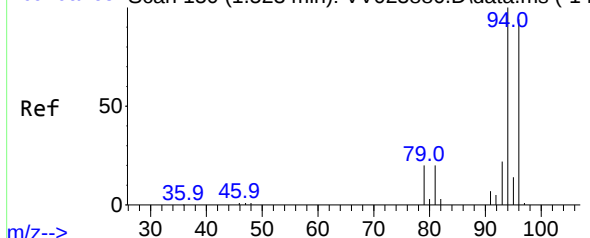
Abundance



Abundance Scan 84 (1.310 min): VV023880.D\data.ms (-1)



Abundance Scan 150 (1.523 min): VV023880.D\data.ms (-14)



#6

Bromomethane

Concen: 5.239 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

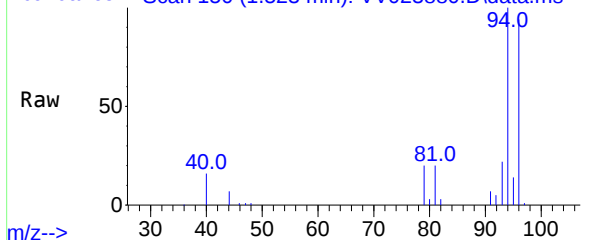
Tgt Ion: 94 Resp: 28946

Ion Ratio Lower Upper

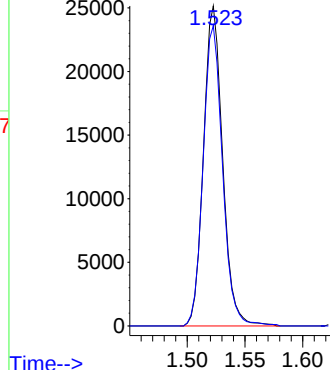
94 100

96 93.9 66.2 123.0

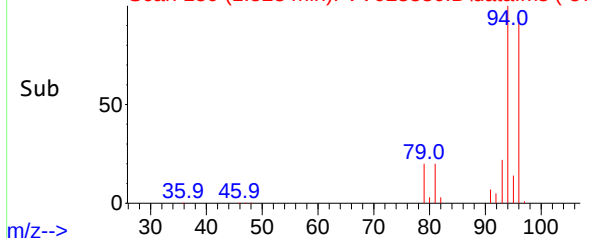
Abundance Scan 150 (1.523 min): VV023880.D\data.ms

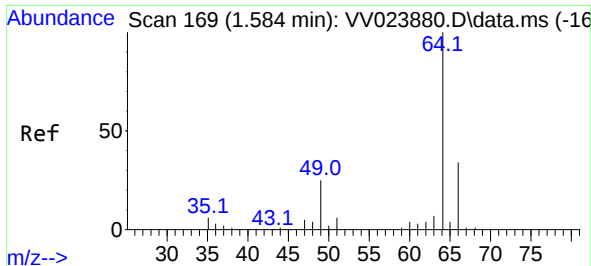


Abundance



Abundance Scan 150 (1.523 min): VV023880.D\data.ms (-57)

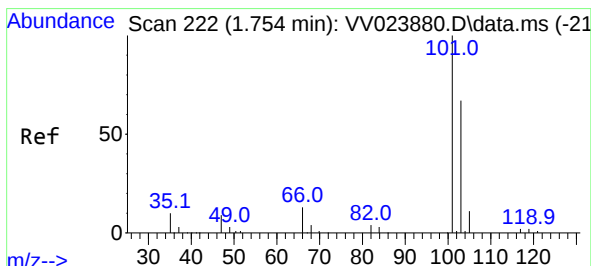
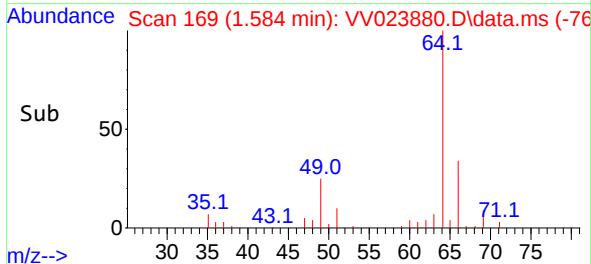
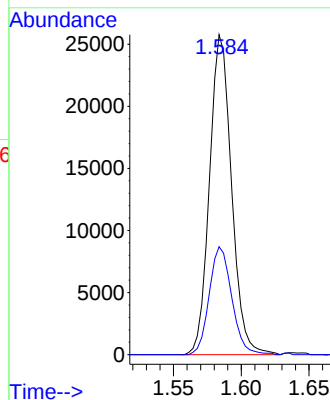
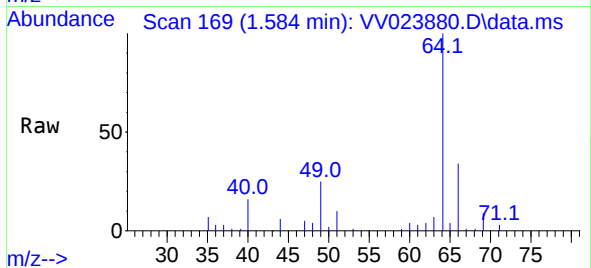




#8
Chloroethane
Concen: 4.796 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

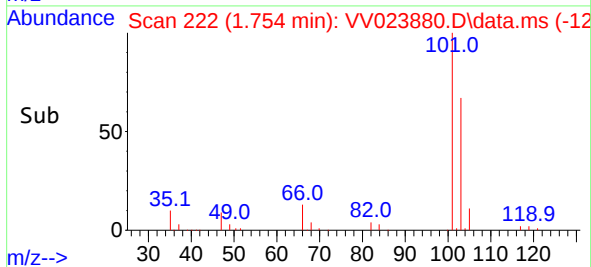
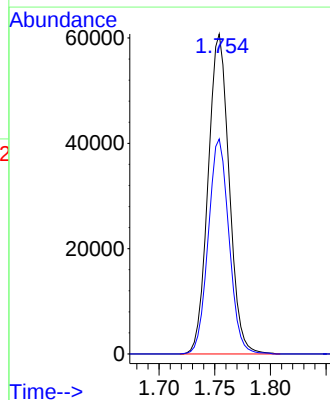
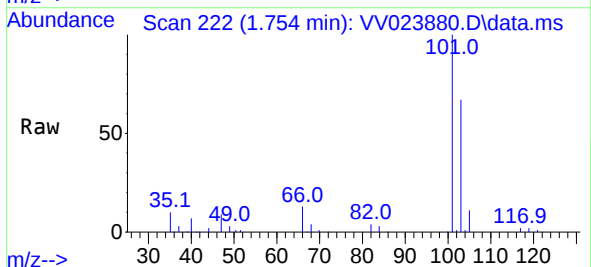
Instrument :
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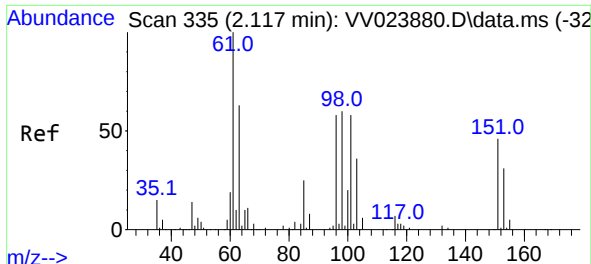
Tgt Ion: 64 Resp: 29179
Ion Ratio Lower Upper
64 100
66 33.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.108 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion:101 Resp: 79890
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4

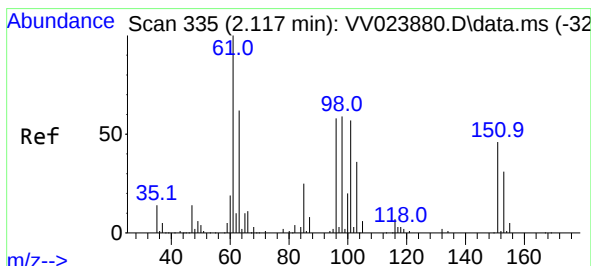
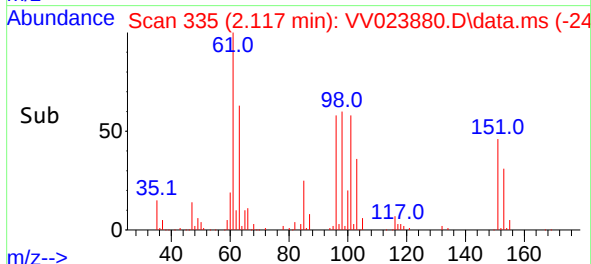
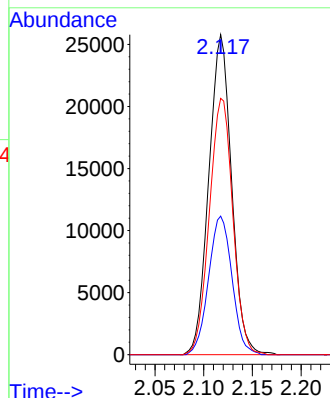
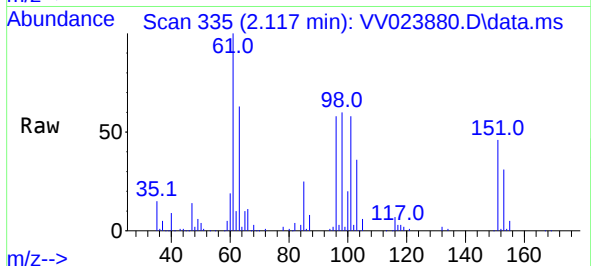




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.292 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023880.D
 Acq: 10 Dec 2021 12:15

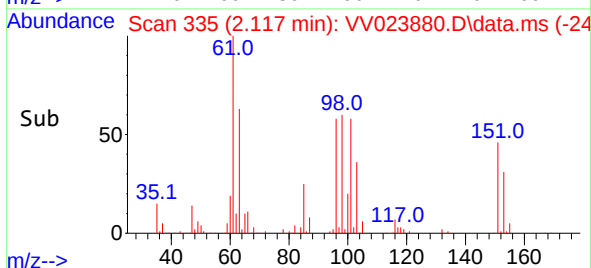
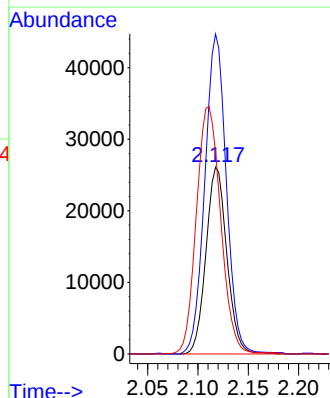
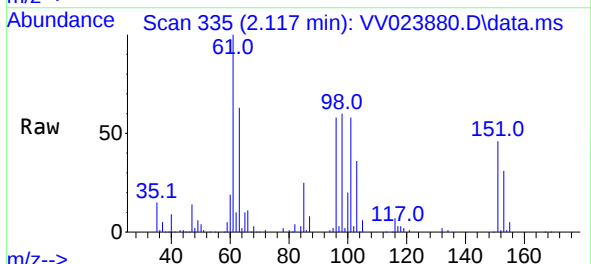
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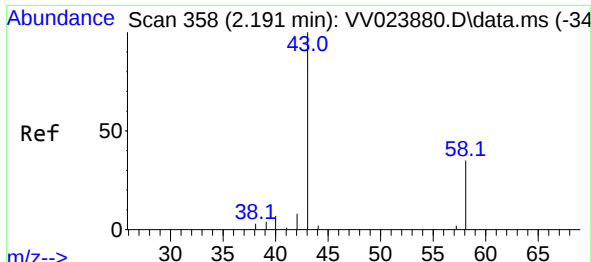
Tgt Ion:101 Resp: 41939
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.0 54.0
 151 82.4 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.096 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023880.D
 Acq: 10 Dec 2021 12:15

Tgt Ion: 96 Resp: 37718
 Ion Ratio Lower Upper
 96 100
 61 171.3 116.1 215.5
 63 108.0 79.4 147.4





#13

Acetone

Concen: 35.215 ug/L

RT: 2.191 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

Instrument :

MSVOA_V

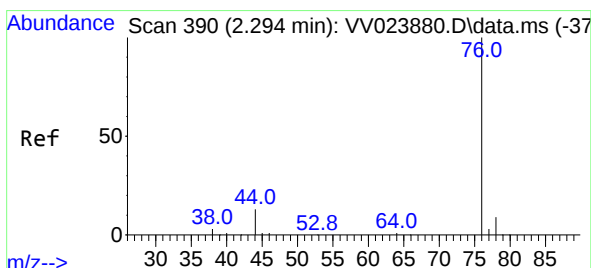
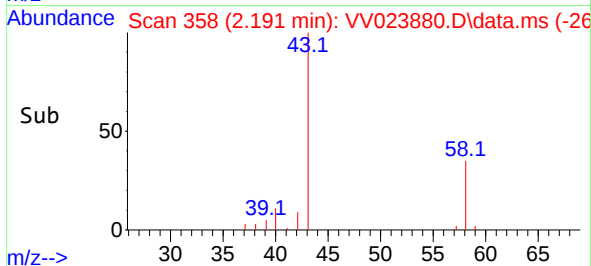
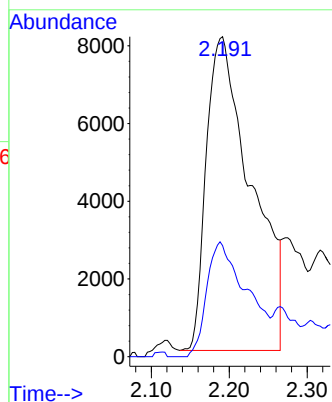
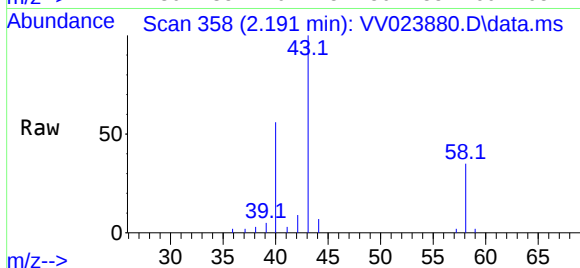
ClientSampleId :

Tgt Ion: 43 Resp: 32414

Ion Ratio Lower Upper

43 100

58 32.8 0.0 41.4



#14

Carbon disulfide

Concen: 4.553 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023880.D

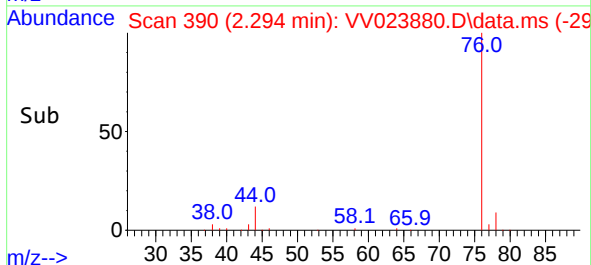
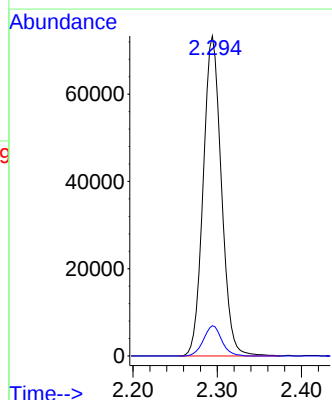
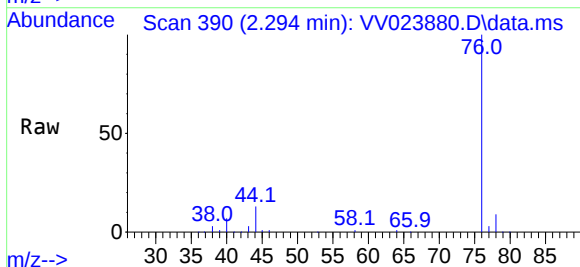
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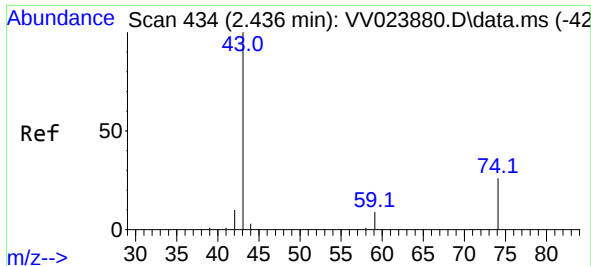
Tgt Ion: 76 Resp: 110303

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

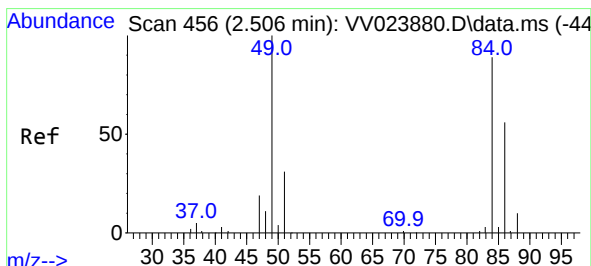
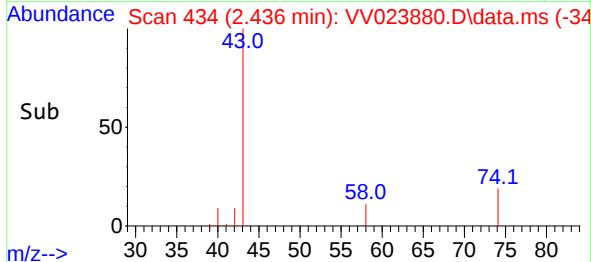
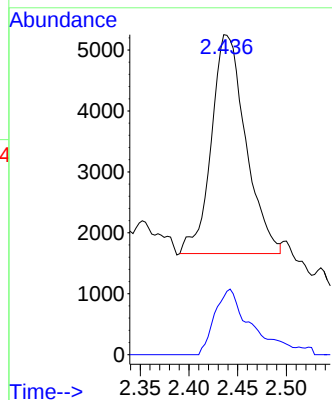
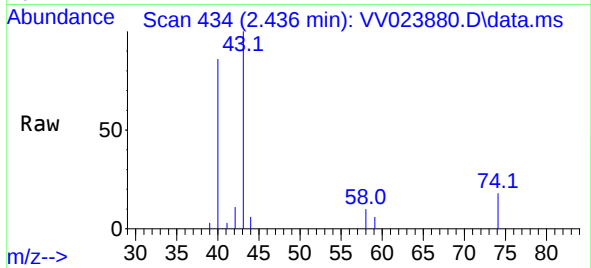




#15
Methyl Acetate
Concen: 4.078 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

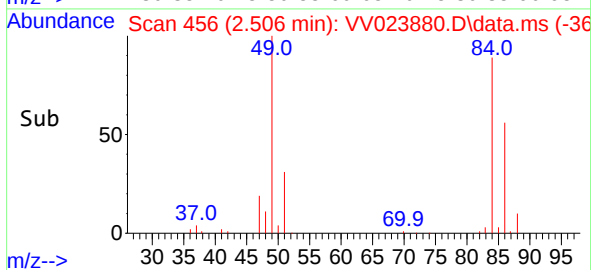
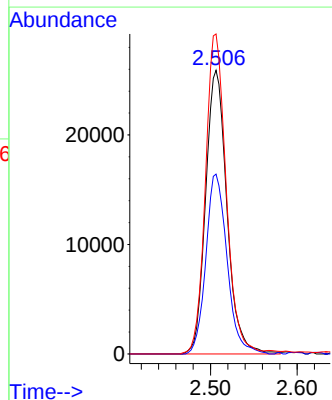
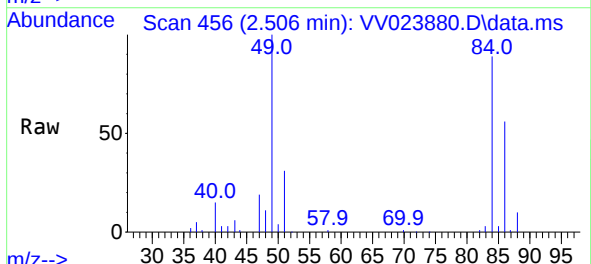
Instrument :
MSVOA_V
ClientSampleId :

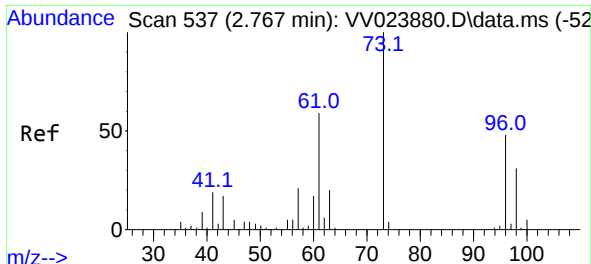
Tgt Ion: 43 Resp: 8817
Ion Ratio Lower Upper
43 100
74 31.7 20.2 30.2#



#16
Methylene chloride
Concen: 4.170 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

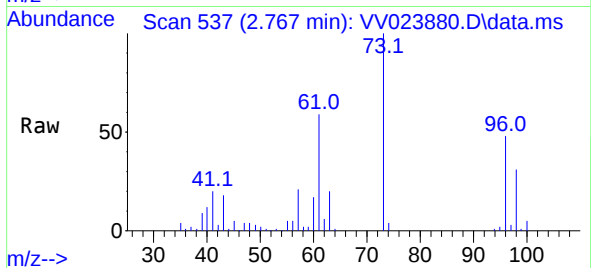
Tgt Ion: 84 Resp: 44306
Ion Ratio Lower Upper
84 100
86 63.4 42.6 79.0
49 112.8 79.7 147.9



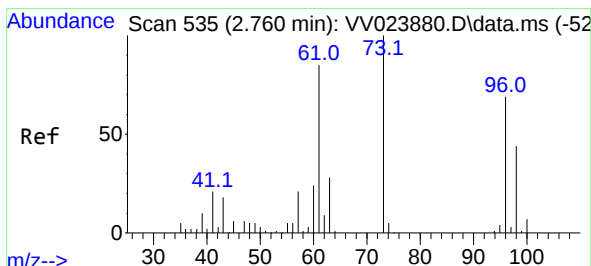
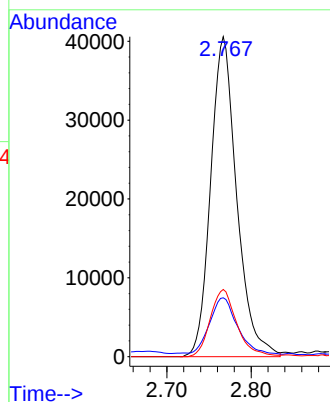
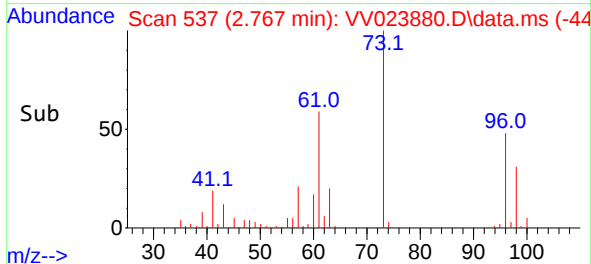


#17
Methyl tert-butyl Ether
Concen: 5.614 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

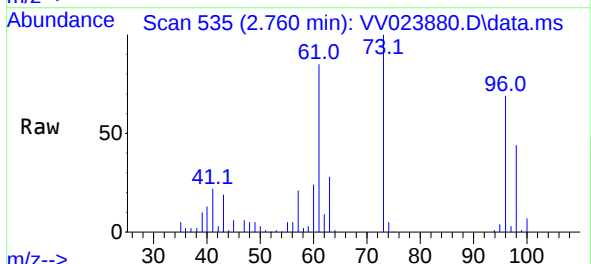
Instrument :
MSVOA_V
ClientSampleId :



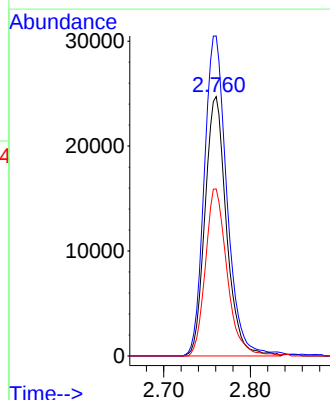
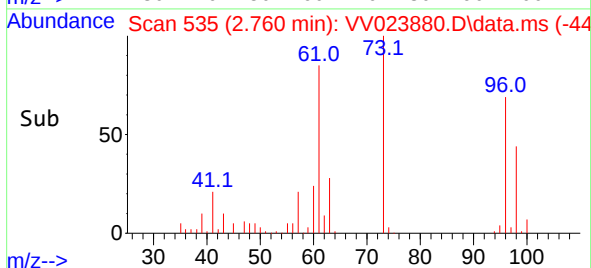
Tgt Ion: 73 Resp: 87149
Ion Ratio Lower Upper
73 100
43 18.7 15.5 23.3
57 21.4 17.1 25.7

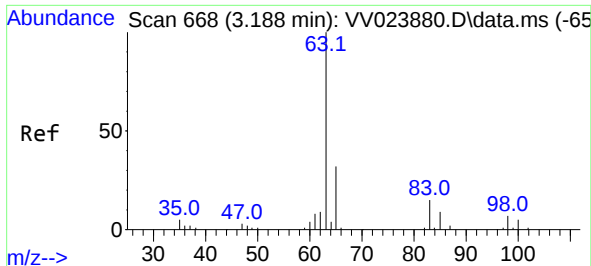


#18
trans-1,2-Dichloroethene
Concen: 5.050 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15



Tgt Ion: 96 Resp: 42579
Ion Ratio Lower Upper
96 100
61 123.4 88.2 163.8
98 64.4 44.9 83.5

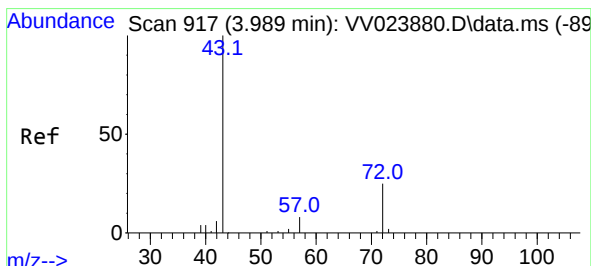
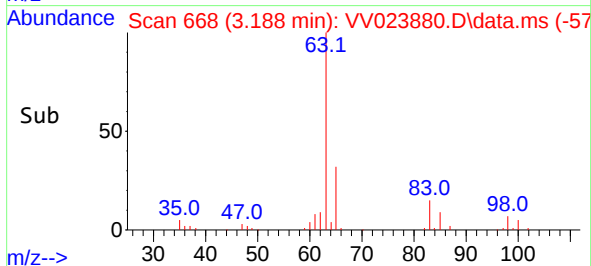
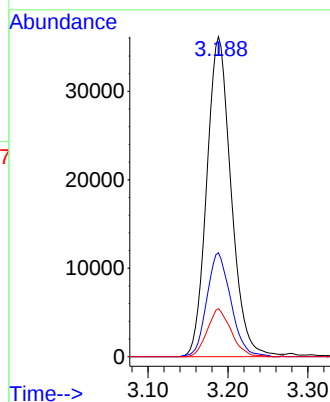
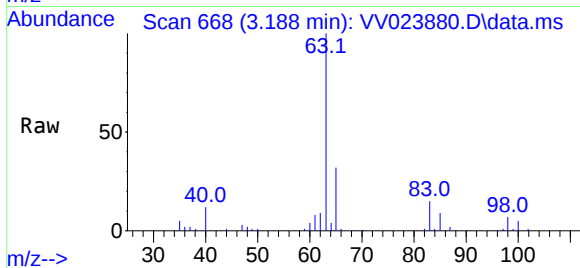




#19
1,1-Dichloroethane
Concen: 5.333 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

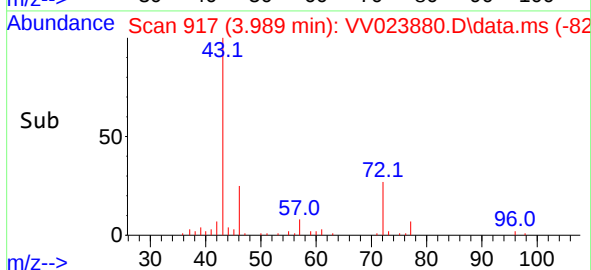
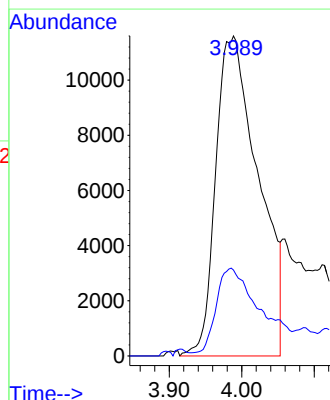
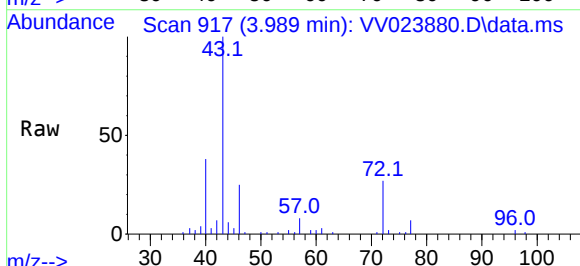
Instrument :
MSVOA_V
ClientSampleId :

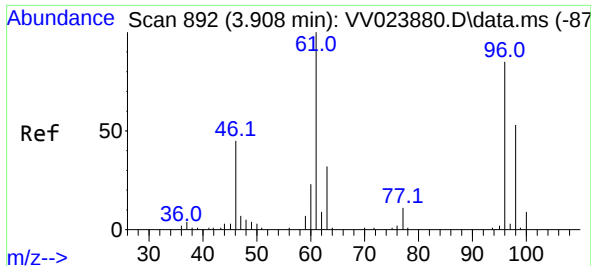
Tgt Ion: 63 Resp: 76537
Ion Ratio Lower Upper
63 100
65 32.4 22.3 41.3
83 15.0 10.7 19.9



#21
2-Butanone
Concen: 39.901 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

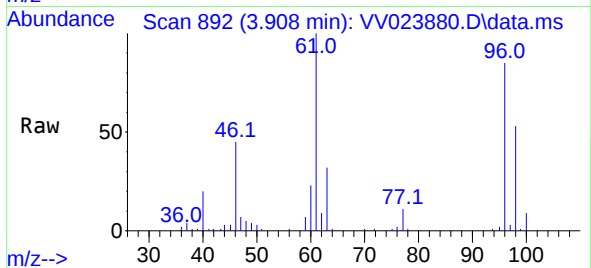
Tgt Ion: 43 Resp: 47395
Ion Ratio Lower Upper
43 100
72 27.1 11.1 33.1





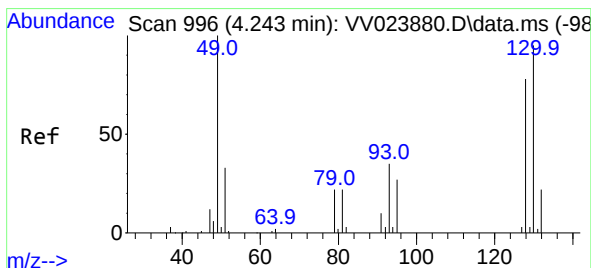
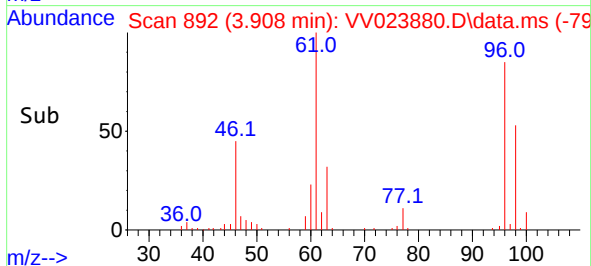
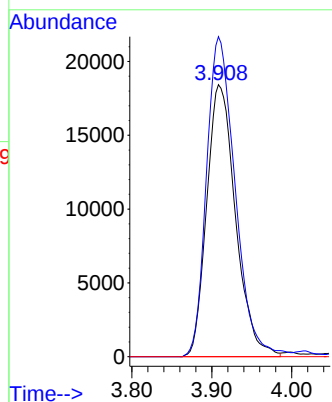
#22
 cis-1,2-Dichloroethene
 Concen: 5.594 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV023880.D
 Acq: 10 Dec 2021 12:15

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 46185

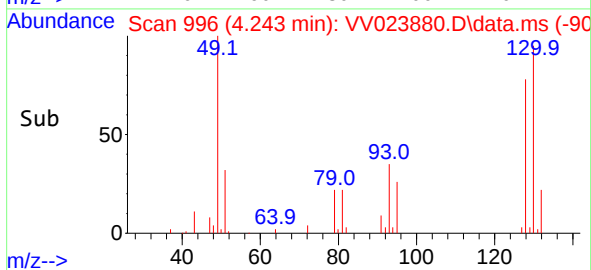
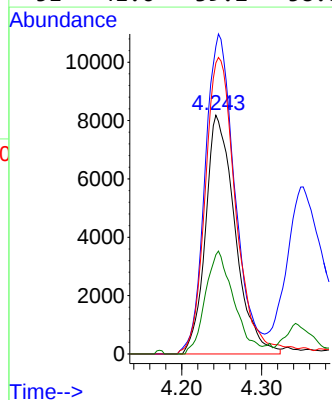
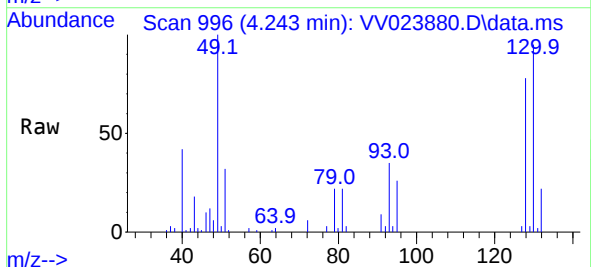
Ion	Ratio	Lower	Upper
96	100		
61	117.6	83.4	154.8
68	0.0	0.0	0.0

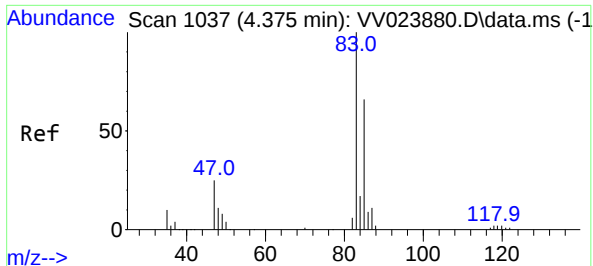


#23
 Bromochloromethane
 Concen: 5.435 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV023880.D
 Acq: 10 Dec 2021 12:15

Tgt Ion: 128 Resp: 20957

Ion	Ratio	Lower	Upper
128	100		
49	128.8	100.2	186.2
130	122.0	92.5	171.7
51	41.6	39.2	58.8





#25

Chloroform

Concen: 5.320 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

Instrument :

MSVOA_V

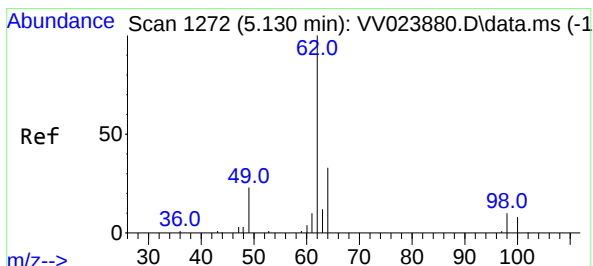
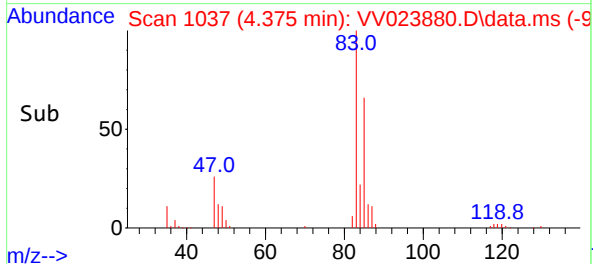
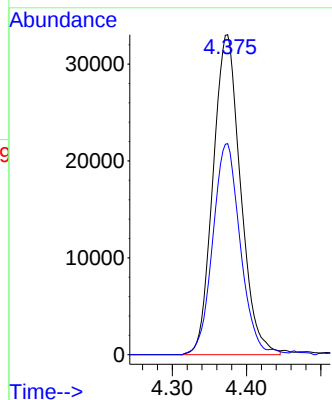
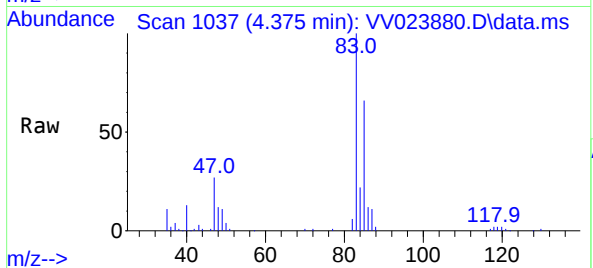
ClientSampleId :

Tgt Ion: 83 Resp: 85011

Ion Ratio Lower Upper

83 100

85 65.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.413 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV023880.D

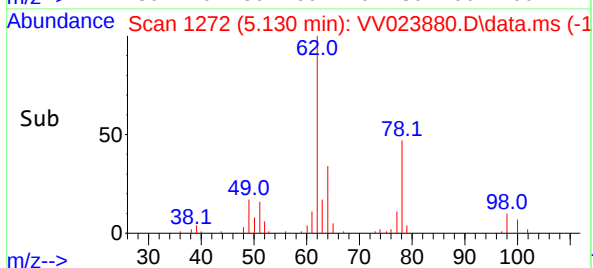
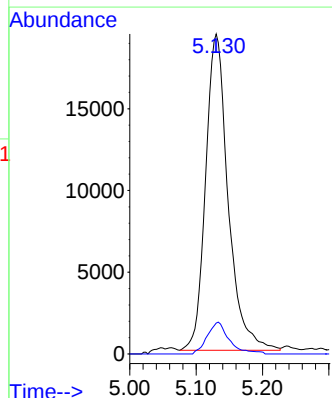
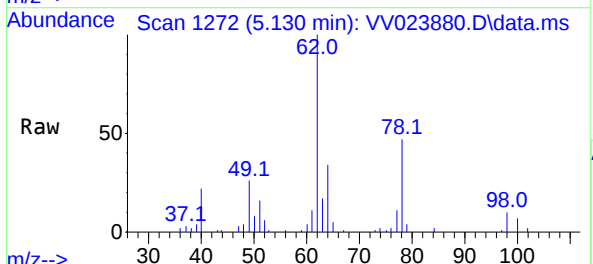
Acq: 10 Dec 2021 12:15

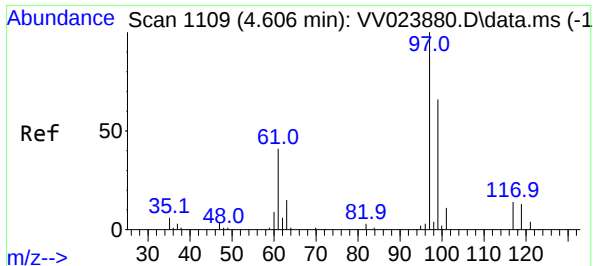
Tgt Ion: 62 Resp: 45760

Ion Ratio Lower Upper

62 100

98 9.6 8.1 12.1

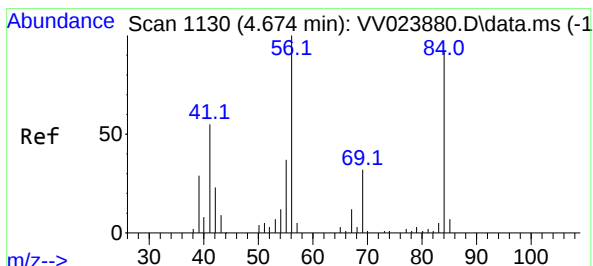
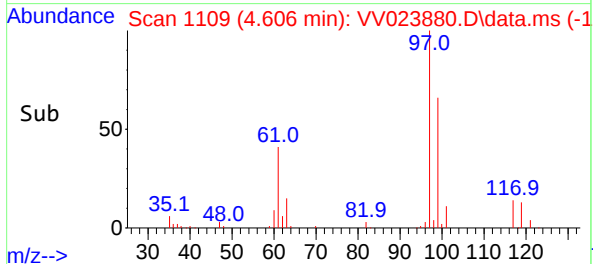
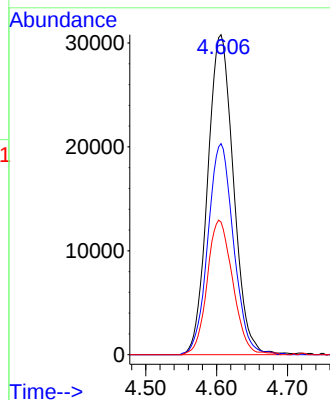
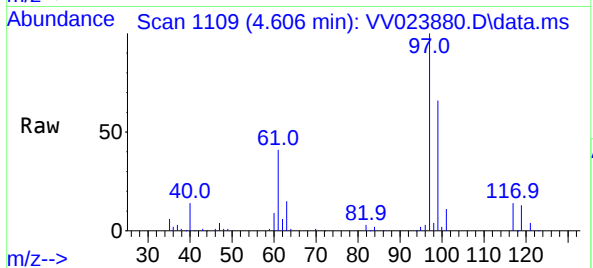




#29
1,1,1-Trichloroethane
Concen: 5.256 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

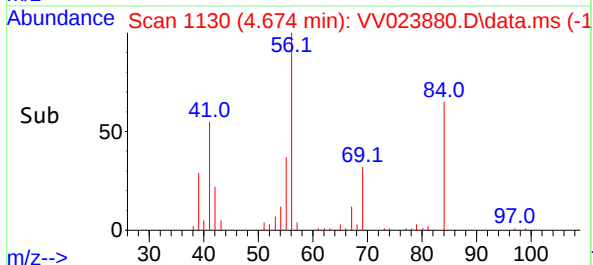
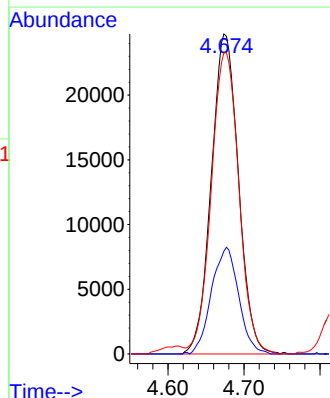
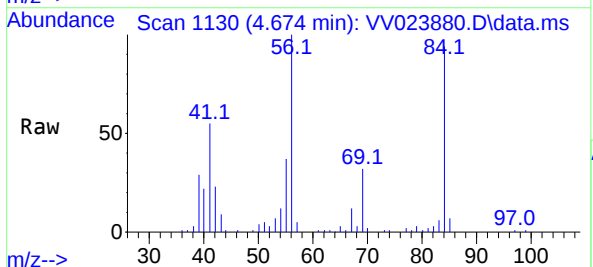
Instrument :
MSVOA_V
ClientSampleId :

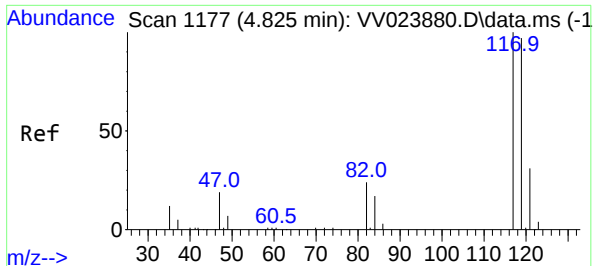
Tgt Ion:	97	Resp:	77866
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.9	77.9
61	41.8	33.2	49.8



#30
Cyclohexane
Concen: 5.039 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion:	56	Resp:	61372
Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.8	37.2
84	95.8	75.9	113.9

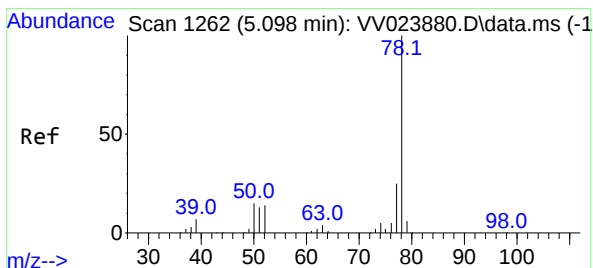
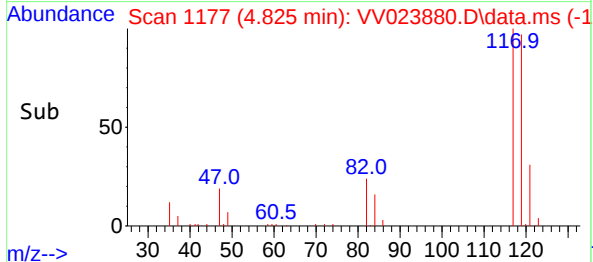
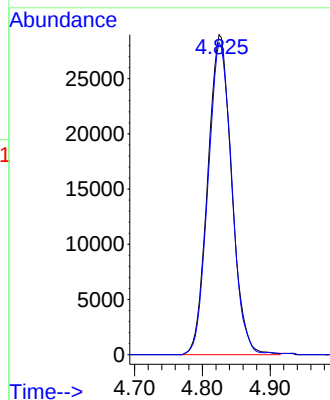
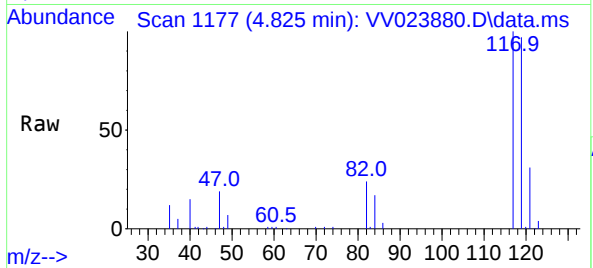




#31
Carbon tetrachloride
Concen: 5.248 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

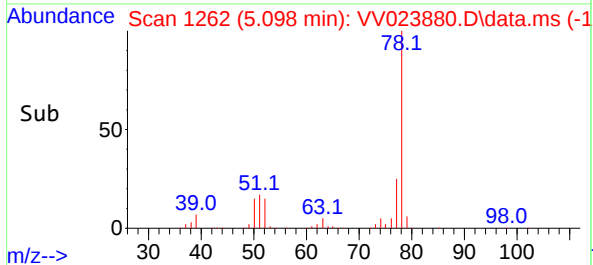
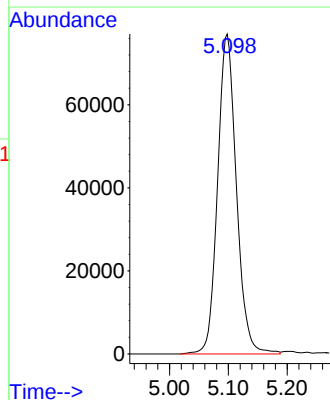
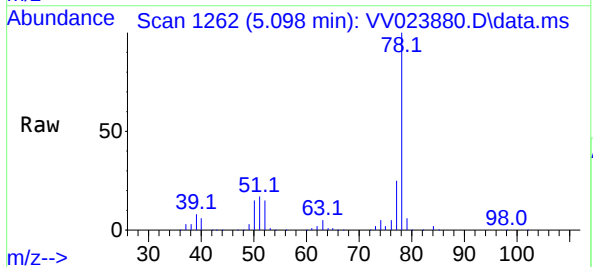
Instrument :
MSVOA_V
ClientSampleId :

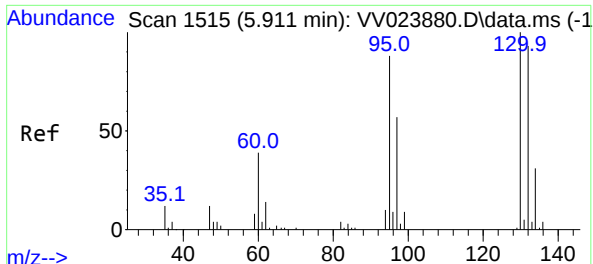
Tgt Ion:117 Resp: 71028
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8



#33
Benzene
Concen: 5.310 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

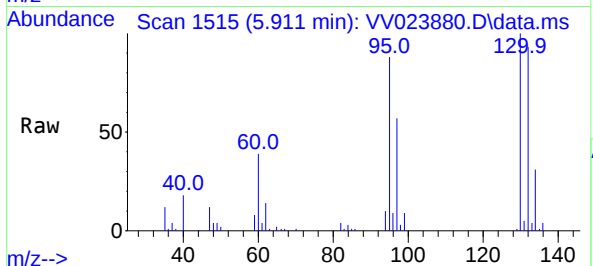
Tgt Ion: 78 Resp: 171114



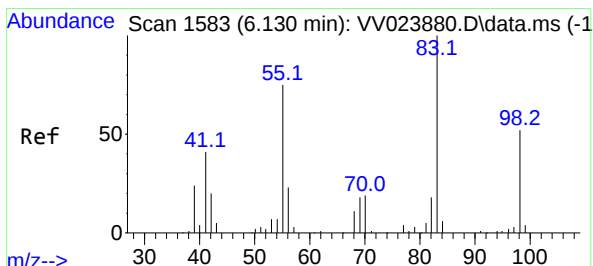
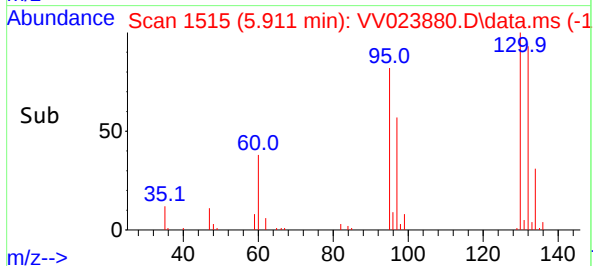
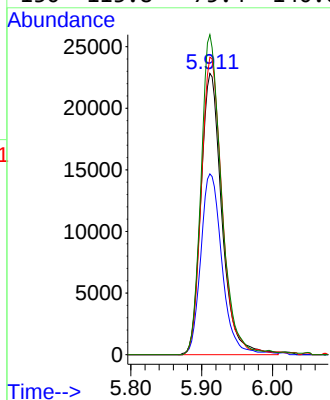


#34
Trichloroethene
Concen: 5.391 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Instrument :
MSVOA_V
ClientSampleId :

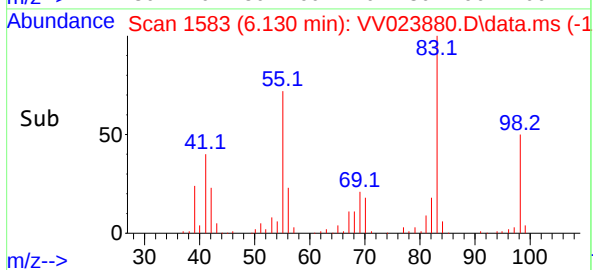
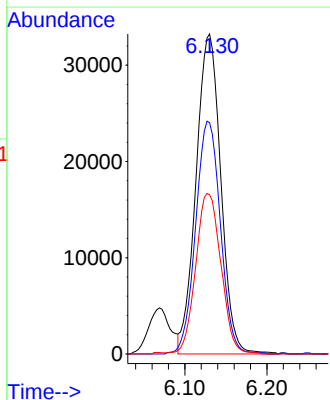
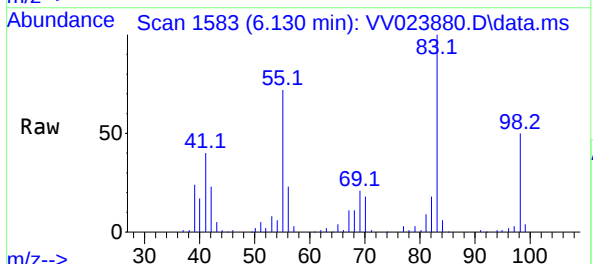


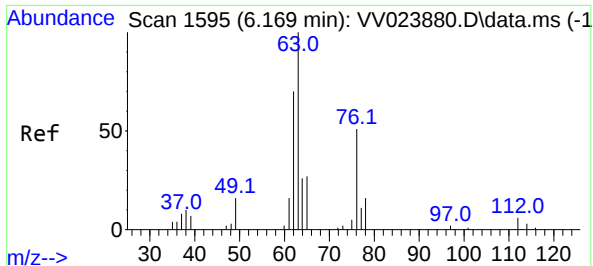
Tgt Ion: 95 Resp: 46943
Ion Ratio Lower Upper
95 100
97 64.3 45.2 84.0
132 105.7 76.1 141.3
130 113.8 75.4 140.0



#35
Methylcyclohexane
Concen: 5.211 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion: 83 Resp: 69771
Ion Ratio Lower Upper
83 100
55 72.9 60.2 90.2
98 51.1 41.0 61.4

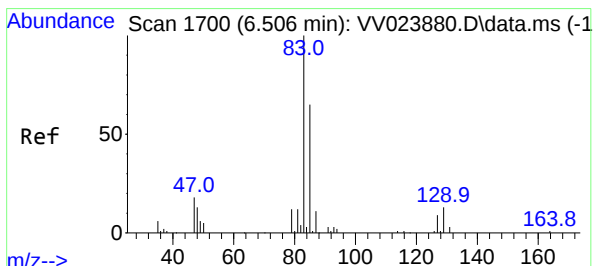
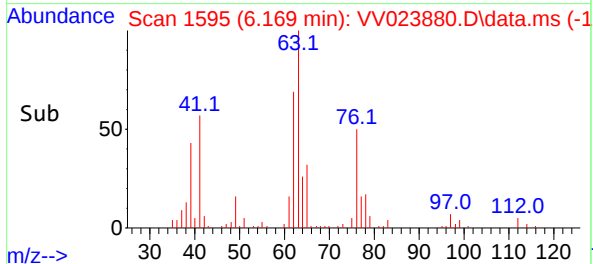
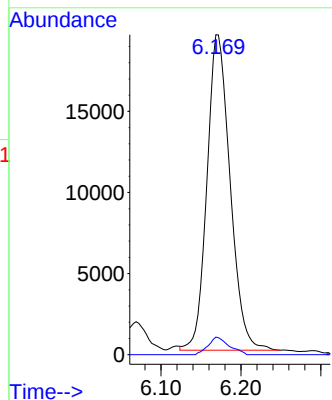
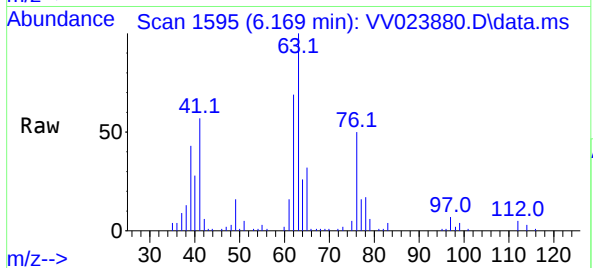




#37
1,2-Dichloropropane
Concen: 5.134 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

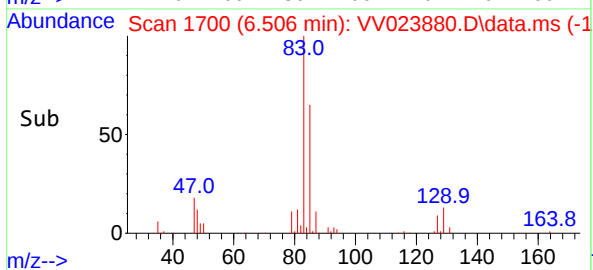
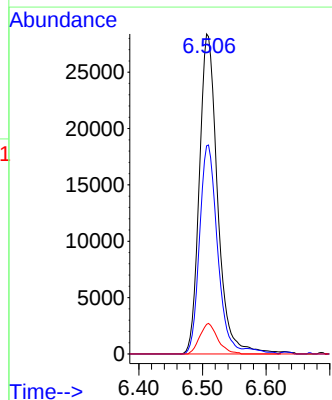
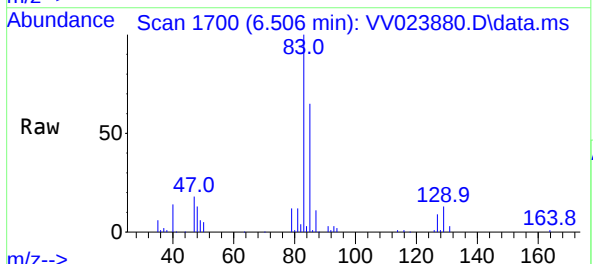
Instrument :
MSVOA_V
ClientSampleId :

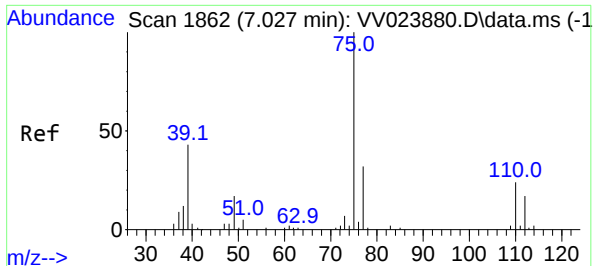
Tgt Ion: 63 Resp: 39213
Ion Ratio Lower Upper
63 100
112 5.0 4.3 6.5



#38
Bromodichloromethane
Concen: 5.407 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion: 83 Resp: 56589
Ion Ratio Lower Upper
83 100
85 65.1 44.0 81.8
127 9.3 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.432 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

Instrument :

MSVOA_V

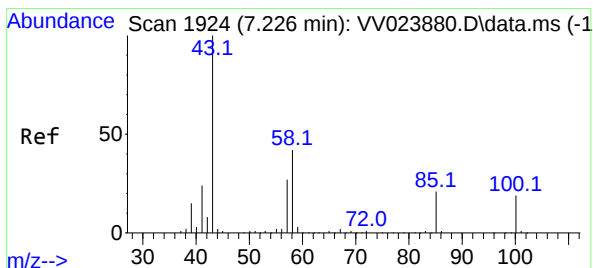
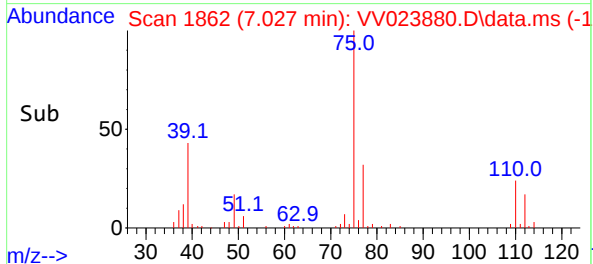
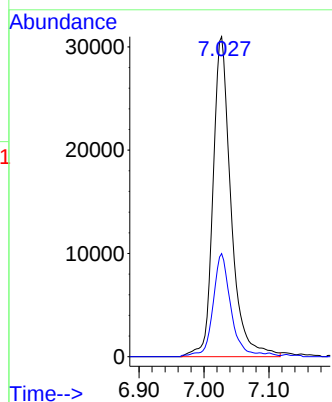
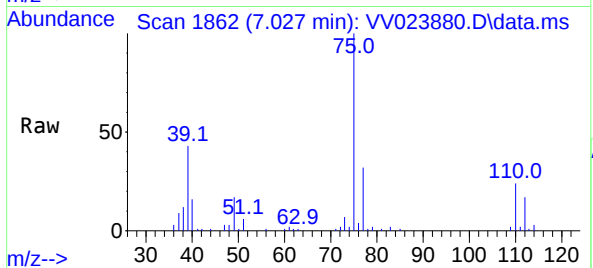
ClientSampleId :

Tgt Ion: 75 Resp: 59675

Ion Ratio Lower Upper

75 100

77 32.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 56.458 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

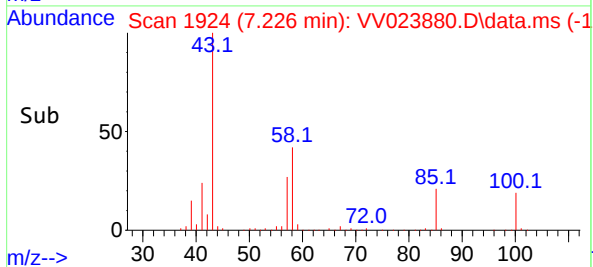
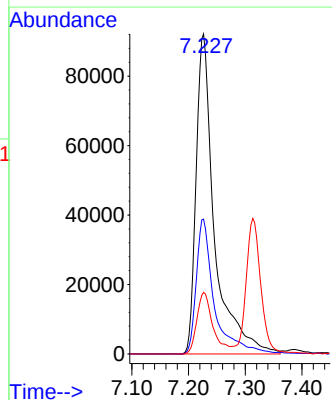
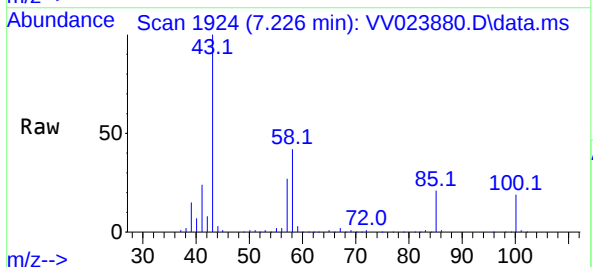
Tgt Ion: 43 Resp: 207811

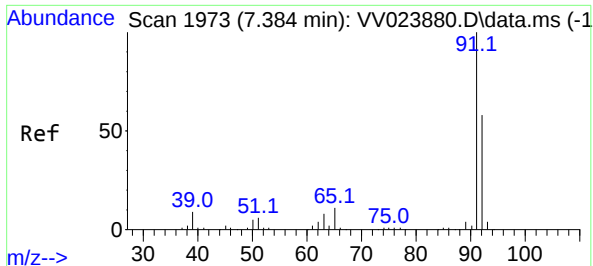
Ion Ratio Lower Upper

43 100

58 41.4 32.3 48.5

100 16.9 13.0 19.6





#42

Toluene

Concen: 5.544 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

Instrument :

MSVOA_V

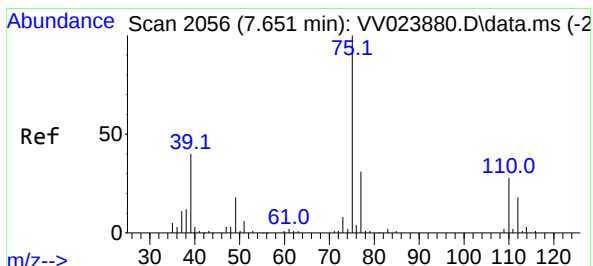
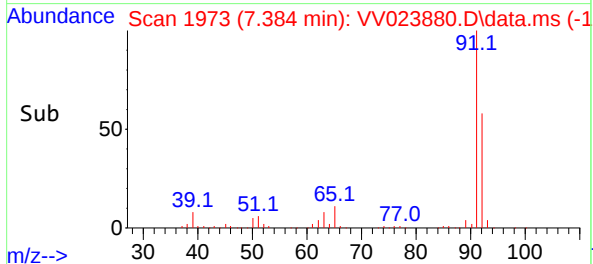
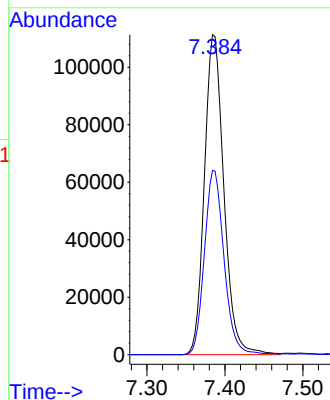
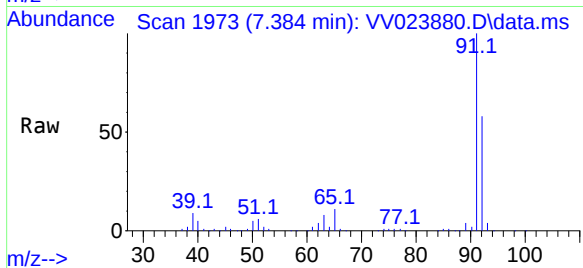
ClientSampleId :

Tgt Ion: 91 Resp: 193414

Ion Ratio Lower Upper

91 100

92 57.6 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.560 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023880.D

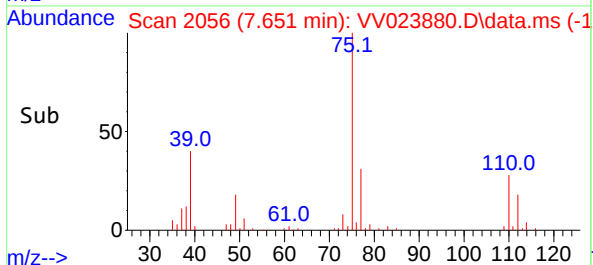
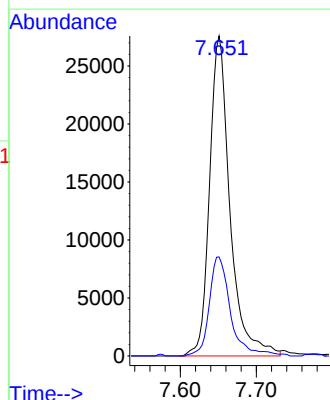
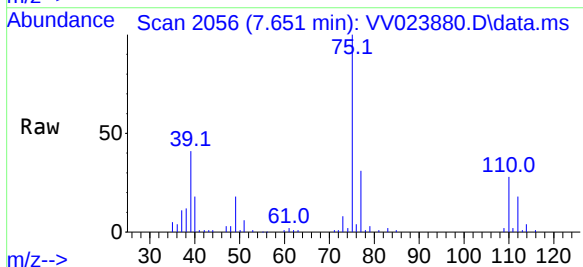
Acq: 10 Dec 2021 12:15

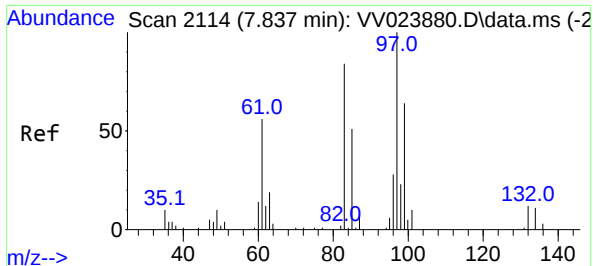
Tgt Ion: 75 Resp: 51399

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.4



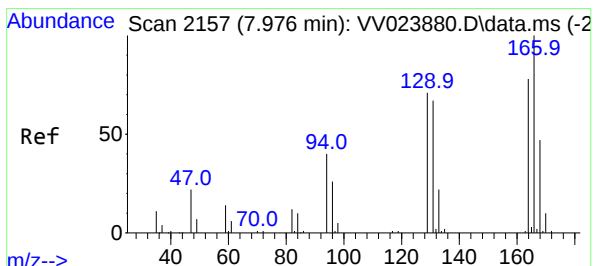
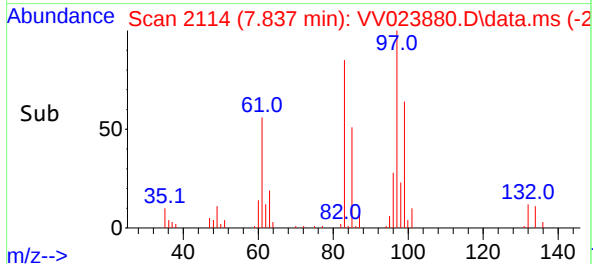
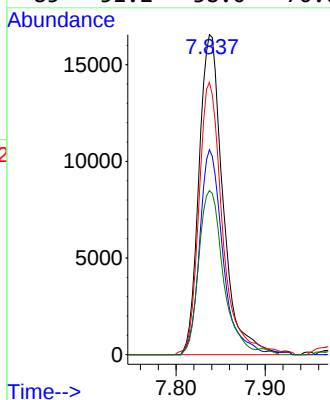
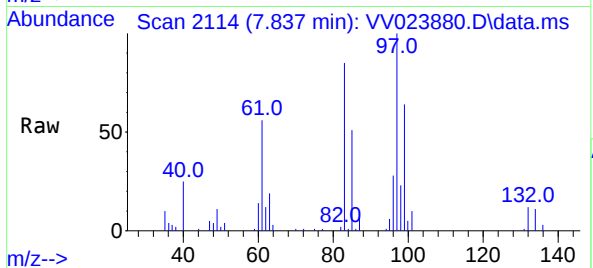


#45
1,1,2-Trichloroethane
Concen: 5.775 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 30987

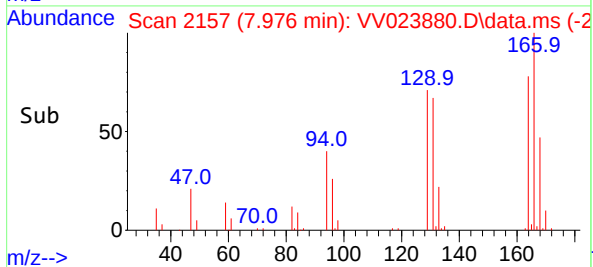
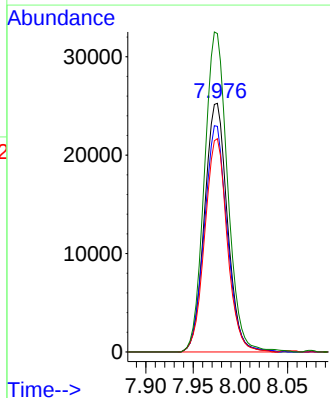
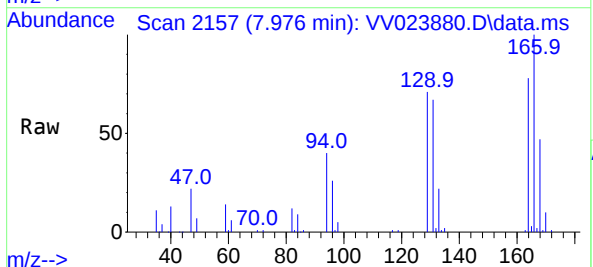
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.1	80.1
83	85.1	57.9	107.5
85	51.2	38.0	70.6

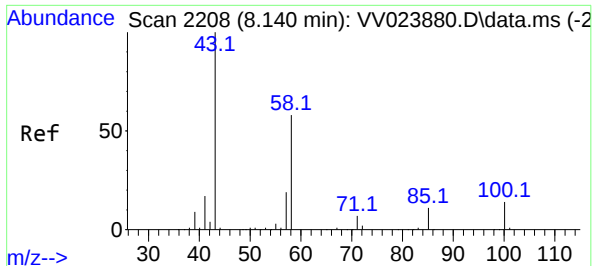


#47
Tetrachloroethene
Concen: 5.391 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion: 164 Resp: 42542

Ion	Ratio	Lower	Upper
164	100		
129	90.8	62.6	116.2
131	85.8	61.0	113.4
166	128.1	87.3	162.1

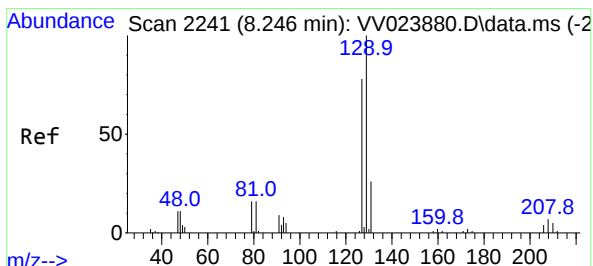
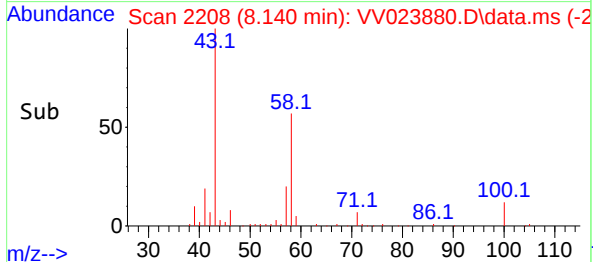
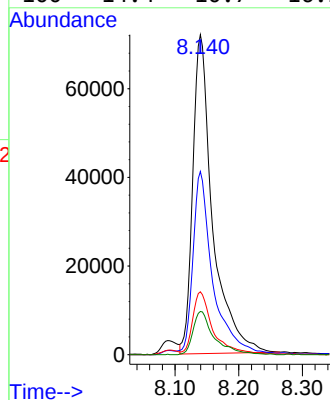
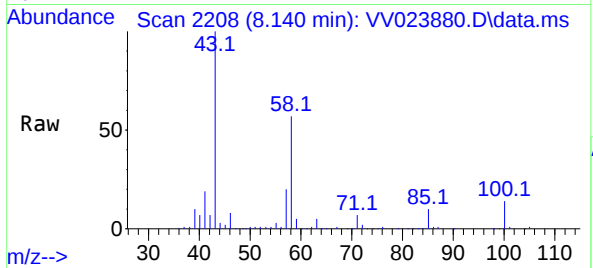




#48
2-Hexanone
Concen: 57.532 ug/L
RT: 8.140 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

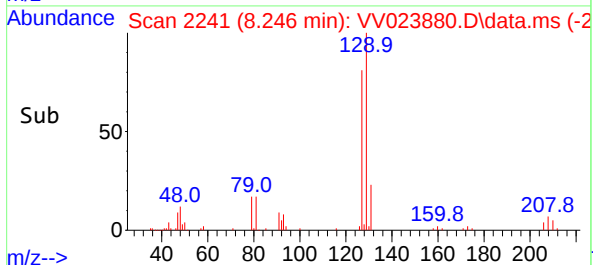
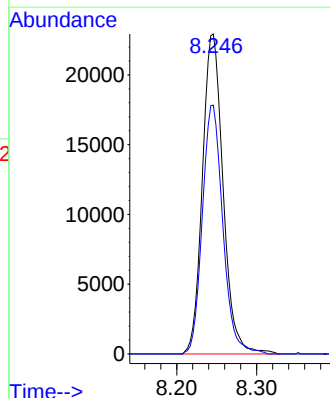
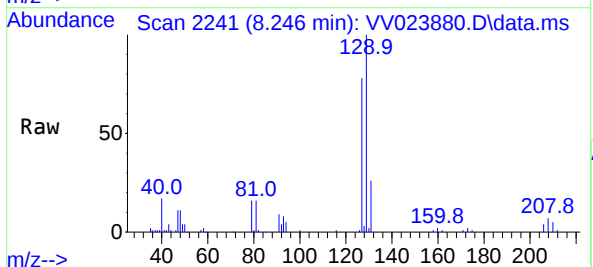
Instrument :
MSVOA_V
ClientSampleId :

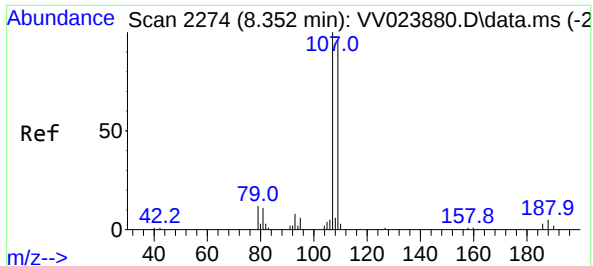
Tgt Ion: 43 Resp: 156317
Ion Ratio Lower Upper
43 100
58 56.4 44.5 66.7
57 19.5 15.1 22.7
100 14.4 10.7 16.1



#49
Dibromochloromethane
Concen: 5.619 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion: 129 Resp: 41292
Ion Ratio Lower Upper
129 100
127 77.7 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.471 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023880.D

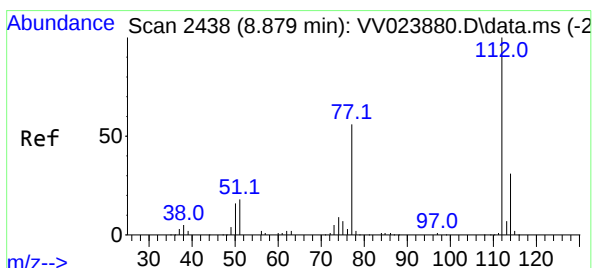
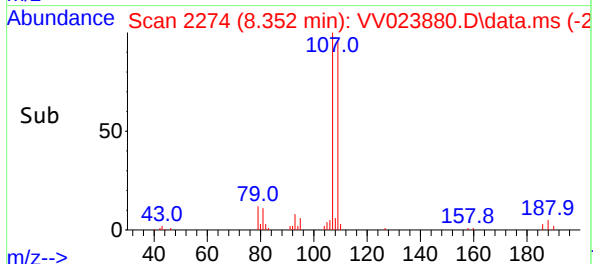
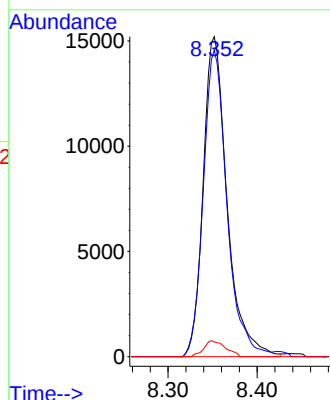
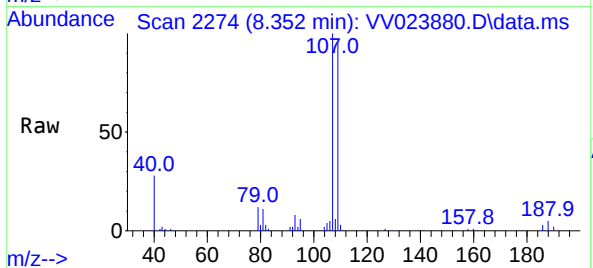
Acq: 10 Dec 2021 12:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	28279
Ion	Ratio	Lower Upper
107	100	
109	95.8	62.5 116.1
188	4.6	3.4 5.2



#51

Chlorobenzene

Concen: 5.451 ug/L

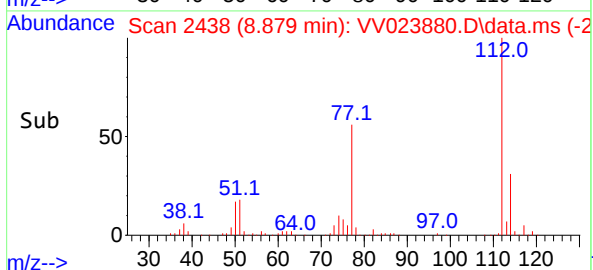
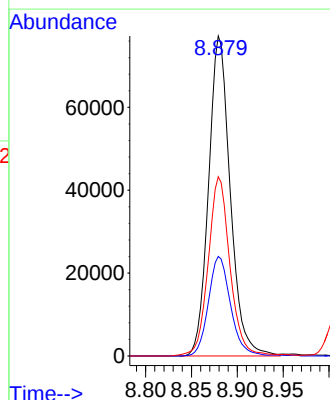
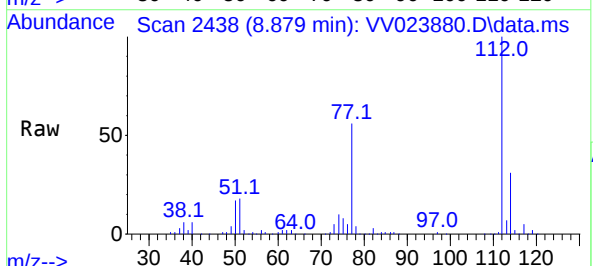
RT: 8.879 min Scan# 2438

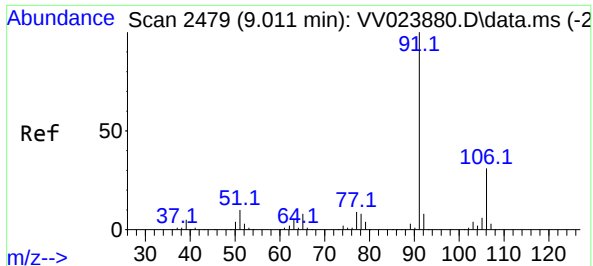
Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

Tgt Ion:112	Resp:	127036
Ion	Ratio	Lower Upper
112	100	
114	31.1	23.3 43.3
77	56.0	43.3 64.9

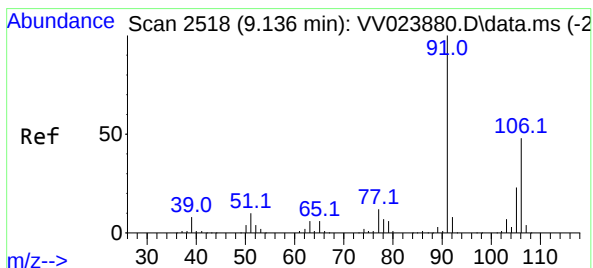
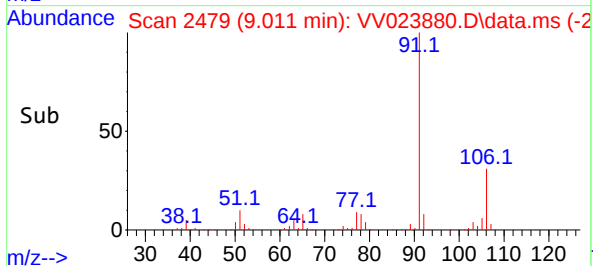
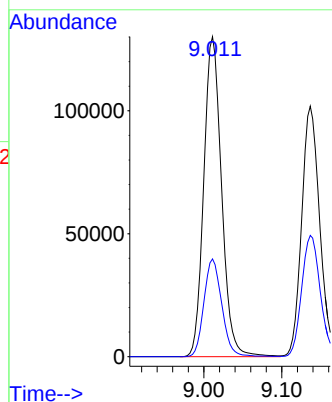
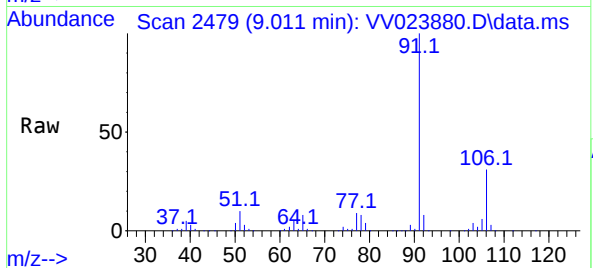




#52
Ethylbenzene
Concen: 5.615 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

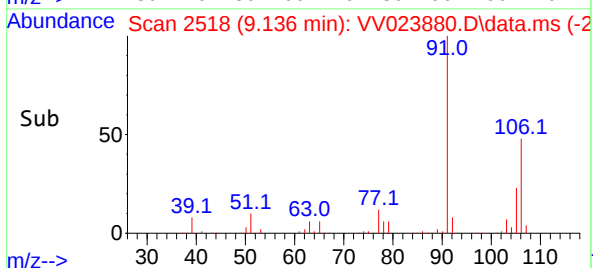
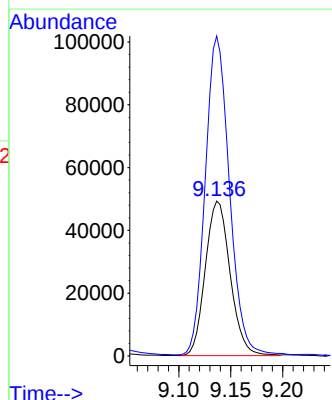
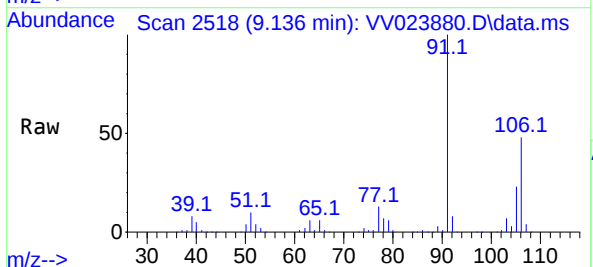
Instrument :
MSVOA_V
ClientSampleId :

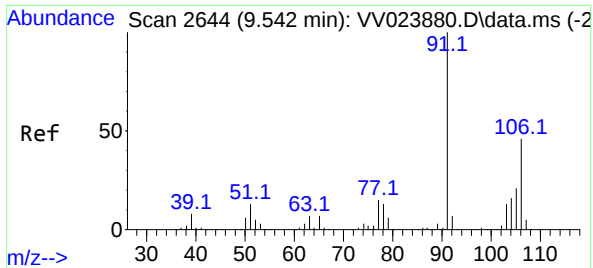
Tgt Ion: 91 Resp: 206687
Ion Ratio Lower Upper
91 100
106 30.6 22.0 41.0



#53
m,p-xylene
Concen: 5.627 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion: 106 Resp: 81709
Ion Ratio Lower Upper
106 100
91 206.5 139.5 259.1

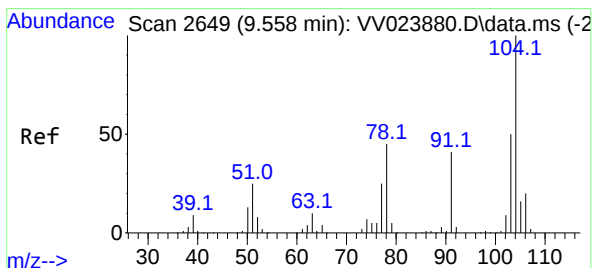
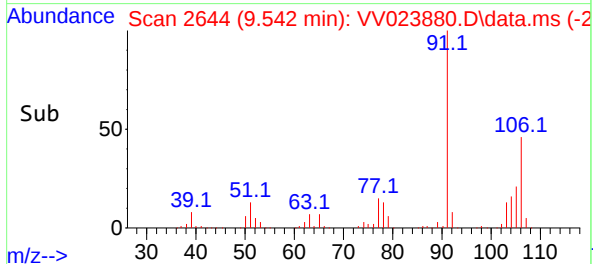
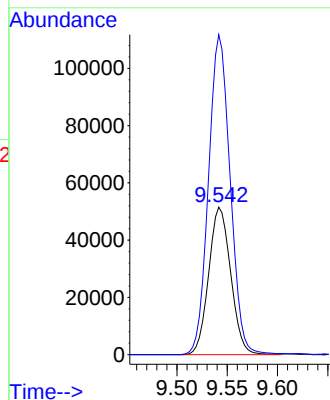
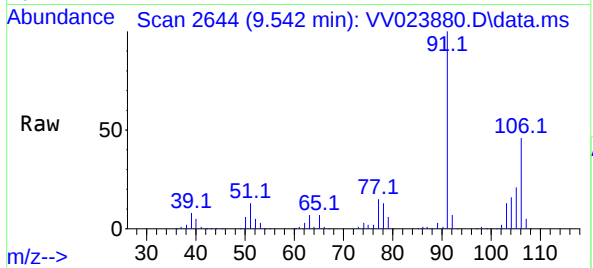




#54
o-xylene
Concen: 5.642 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

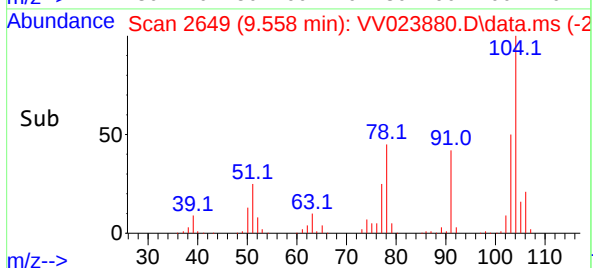
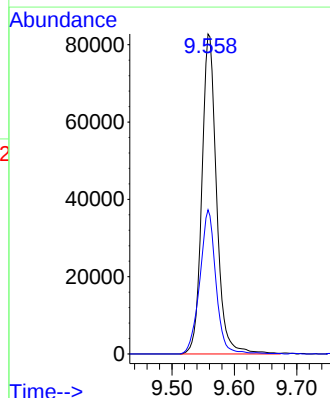
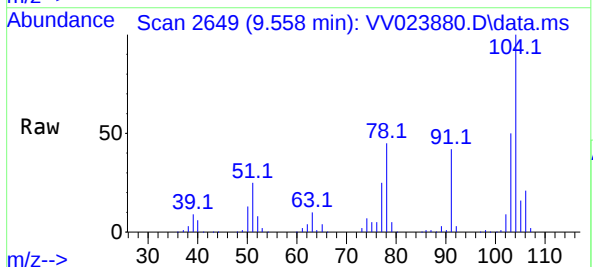
Instrument :
MSVOA_V
ClientSampleId :

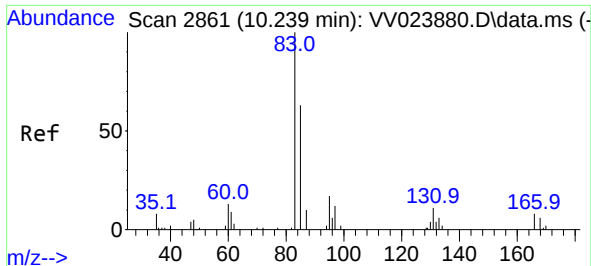
Tgt Ion:106 Resp: 78601
Ion Ratio Lower Upper
106 100
91 217.0 147.9 274.7



#55
Styrene
Concen: 5.833 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion:104 Resp: 136033
Ion Ratio Lower Upper
104 100
78 45.0 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.490 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

Instrument :

MSVOA_V

ClientSampleId :

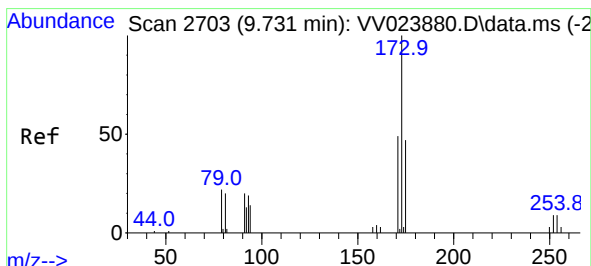
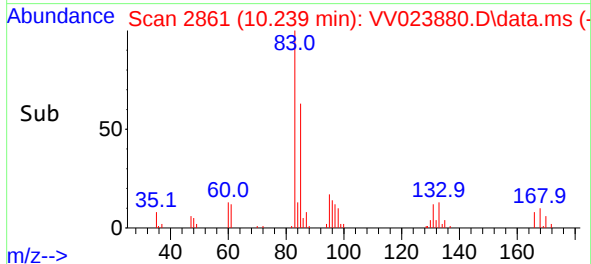
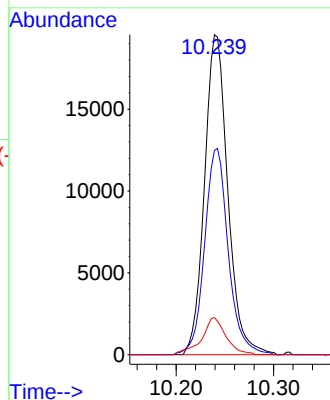
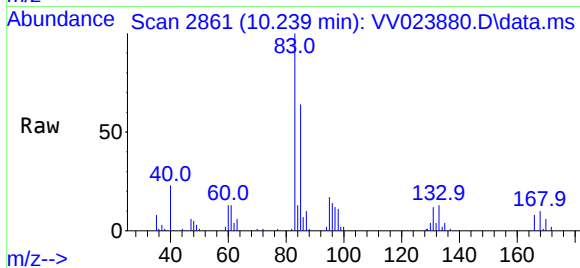
Tgt Ion: 83 Resp: 32483

Ion Ratio Lower Upper

83 100

85 63.9 44.6 82.8

131 11.6 8.3 12.5



#59

Bromoform

Concen: 5.247 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

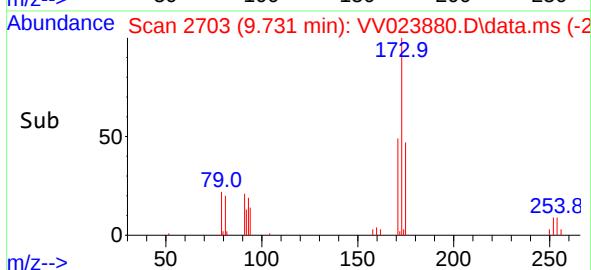
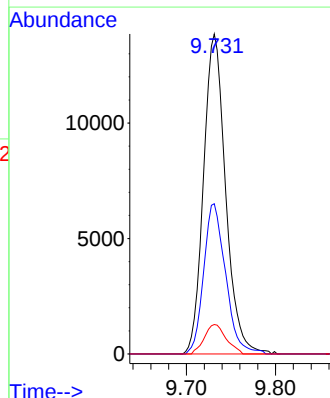
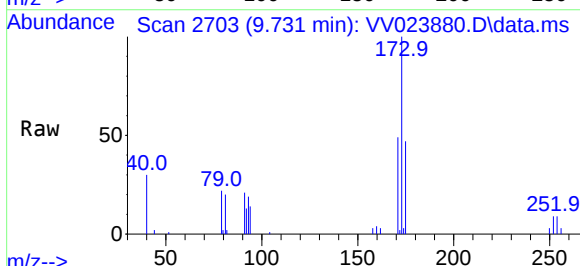
Tgt Ion: 173 Resp: 23851

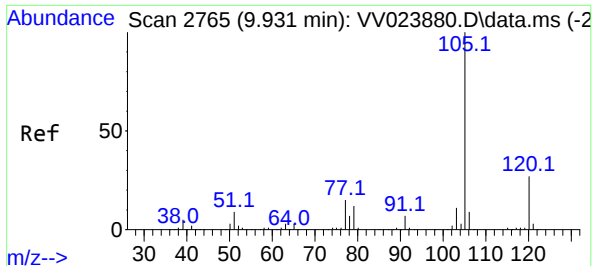
Ion Ratio Lower Upper

173 100

175 46.6 39.4 59.2

254 9.1 7.4 11.0

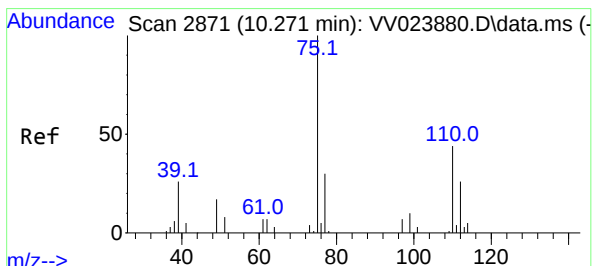
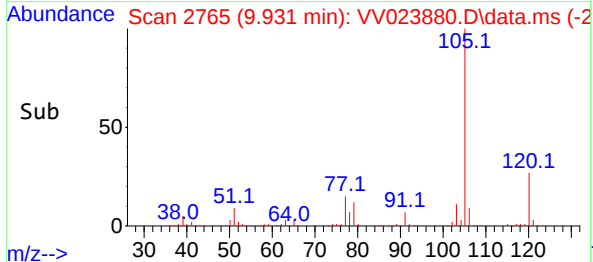
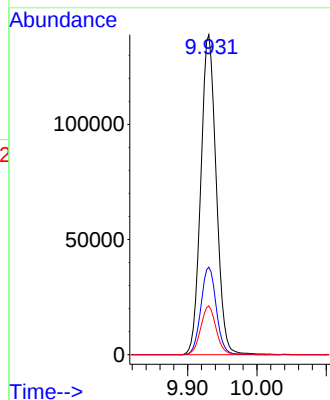
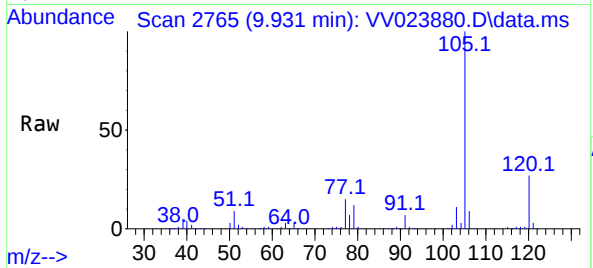




#60
Isopropylbenzene
Concen: 5.288 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

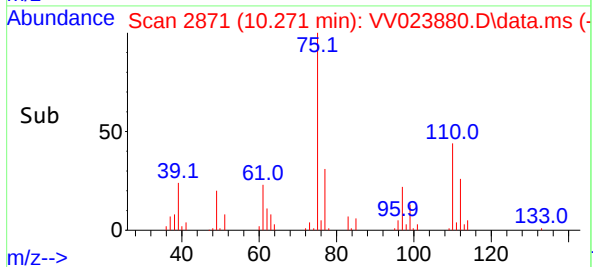
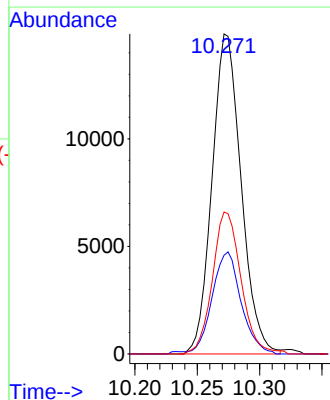
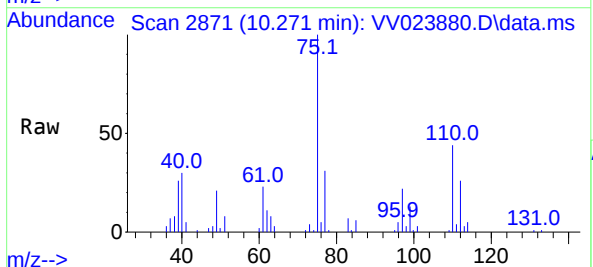
Instrument :
MSVOA_V
ClientSampleId :

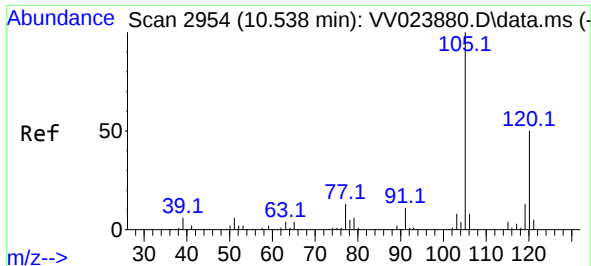
Tgt Ion:105 Resp: 215238
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.983 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion: 75 Resp: 24140
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
110 43.7 34.2 51.2

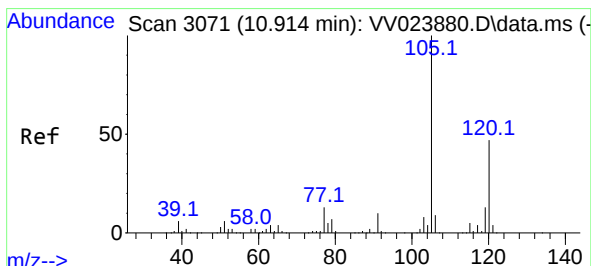
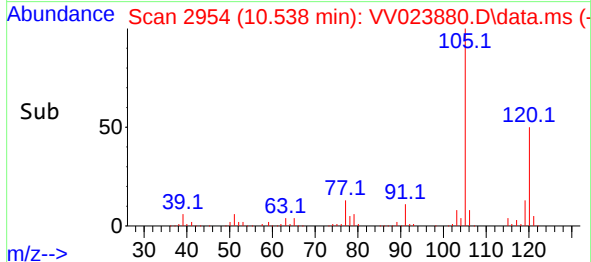
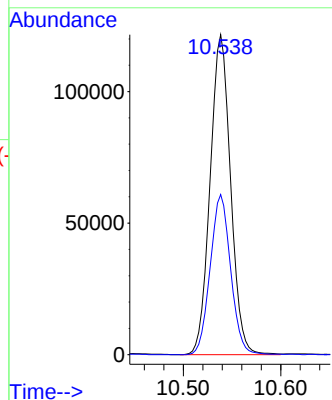
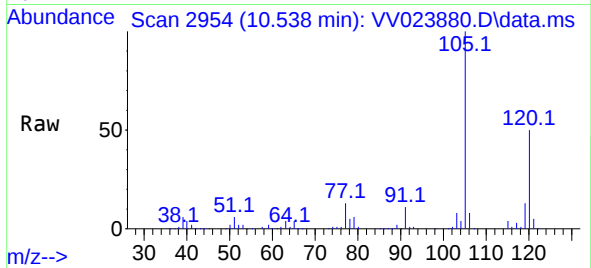




#62
1,3,5-Trimethylbenzene
Concen: 5.232 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

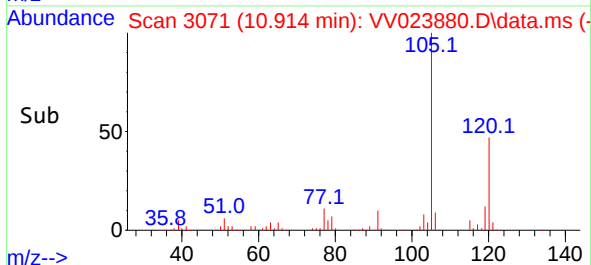
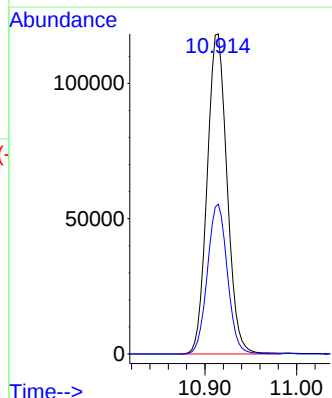
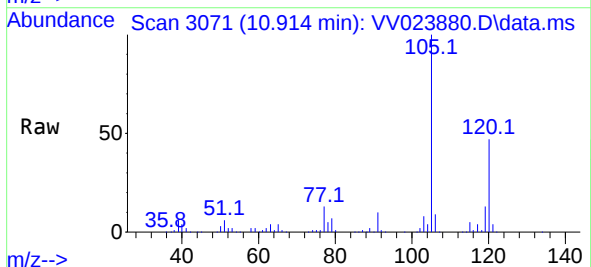
Instrument :
MSVOA_V
ClientSampleId :

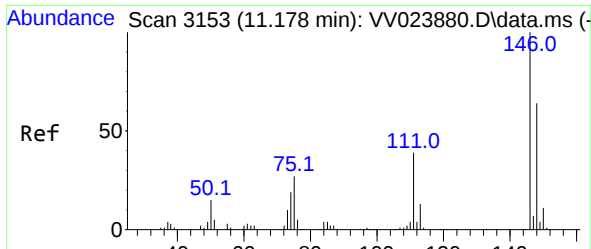
Tgt Ion:105 Resp: 177500
Ion Ratio Lower Upper
105 100
120 50.0 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.339 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

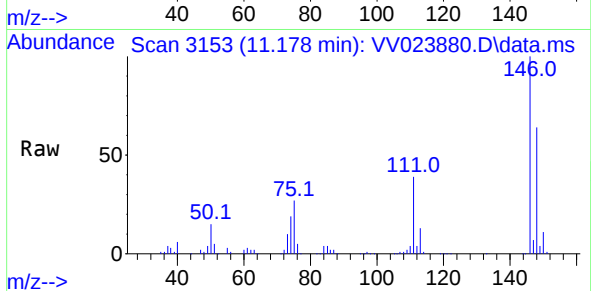
Tgt Ion:105 Resp: 178328
Ion Ratio Lower Upper
105 100
120 46.9 36.7 55.1



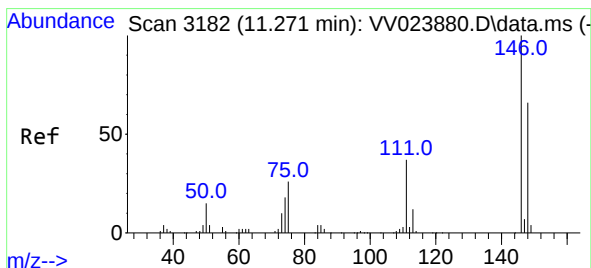
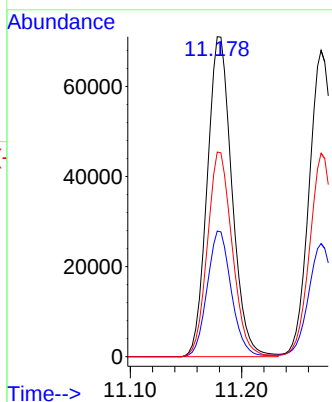


#64
1,3-Dichlorobenzene
Concen: 5.240 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

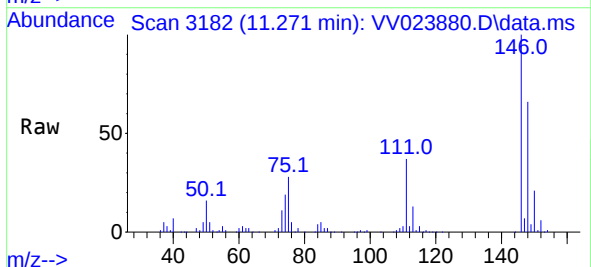
Instrument :
MSVOA_V
ClientSampleId :



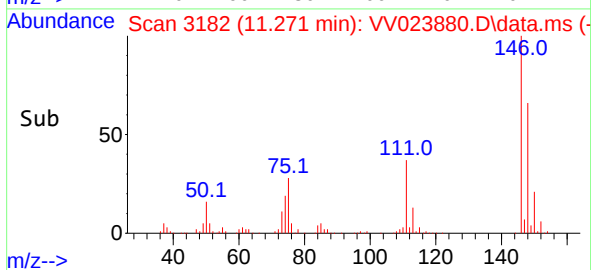
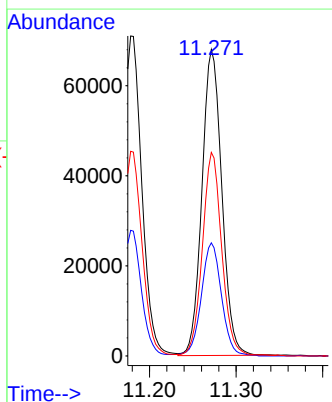
Tgt Ion:146 Resp: 109597
Ion Ratio Lower Upper
146 100
111 39.3 26.3 48.9
148 64.0 44.4 82.5

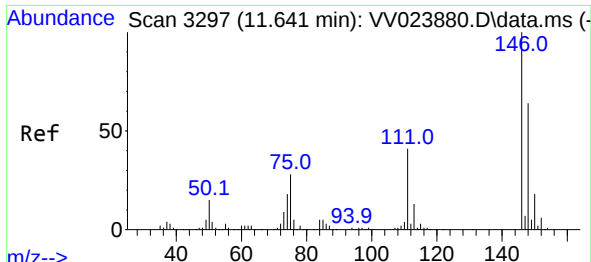


#65
1,4-Dichlorobenzene
Concen: 5.166 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15



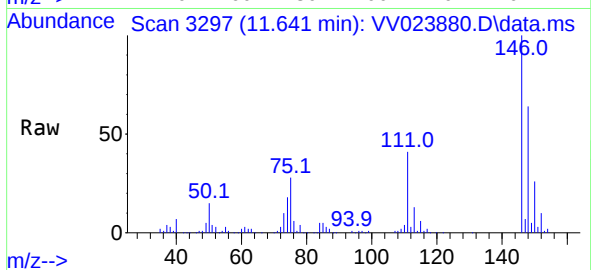
Tgt Ion:146 Resp: 108466
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.6
148 66.4 44.8 83.2



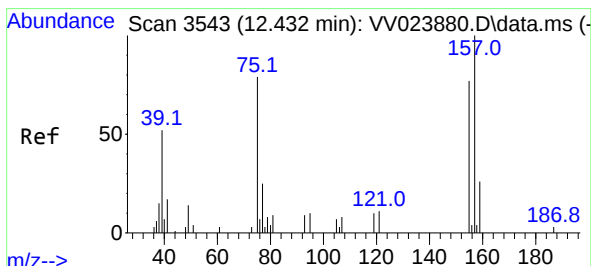
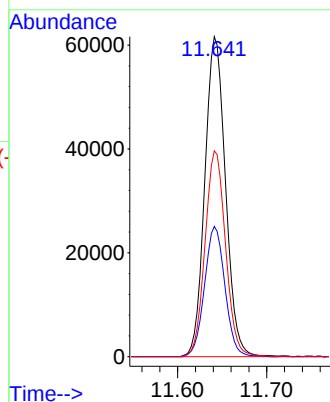
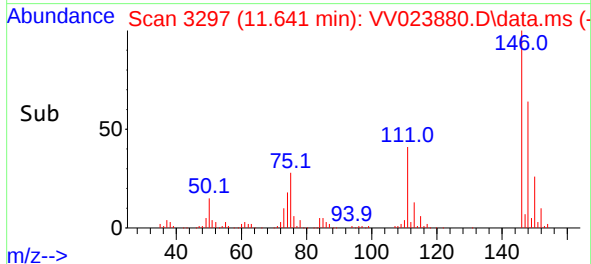


#67
1,2-Dichlorobenzene
Concen: 5.179 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Instrument :
MSVOA_V
ClientSampleId :

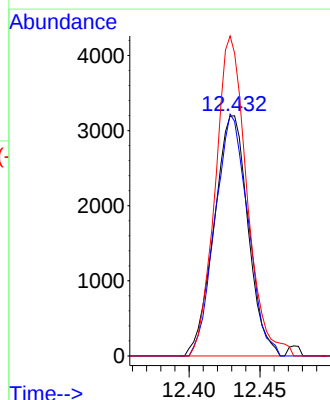
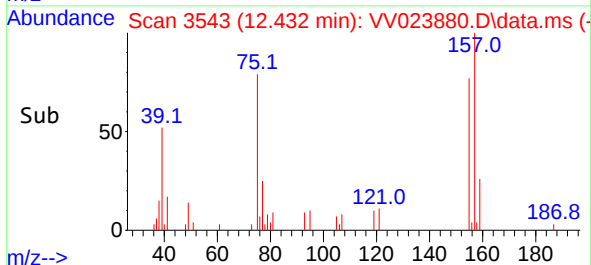
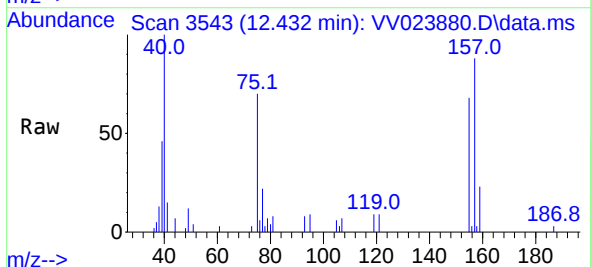


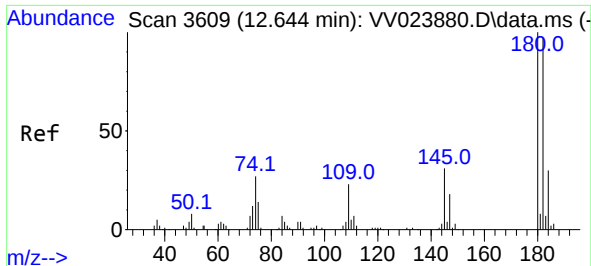
Tgt Ion:146 Resp: 99081
Ion Ratio Lower Upper
146 100
111 40.7 31.9 47.9
148 64.4 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.443 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion: 75 Resp: 5307
Ion Ratio Lower Upper
75 100
155 97.7 71.7 107.5
157 126.0 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.198 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 85207

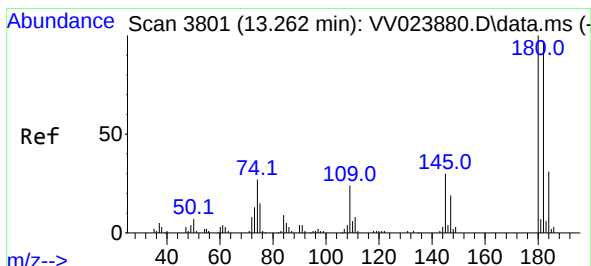
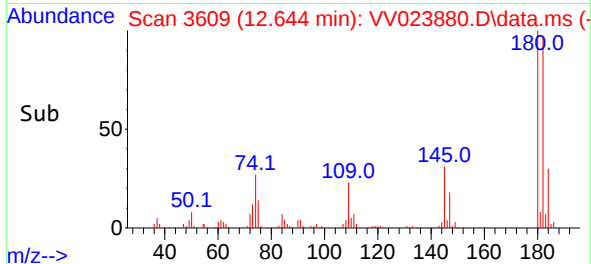
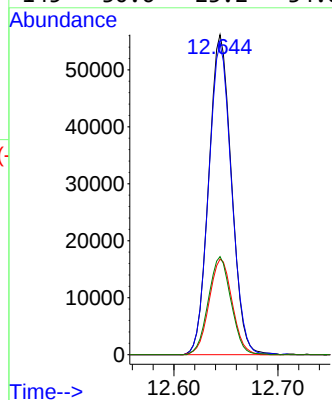
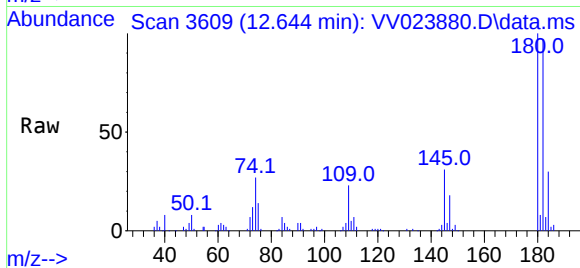
Ion Ratio Lower Upper

180 100

182 98.0 76.4 114.6

184 30.3 24.2 36.4

145 30.6 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.264 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023880.D

Acq: 10 Dec 2021 12:15

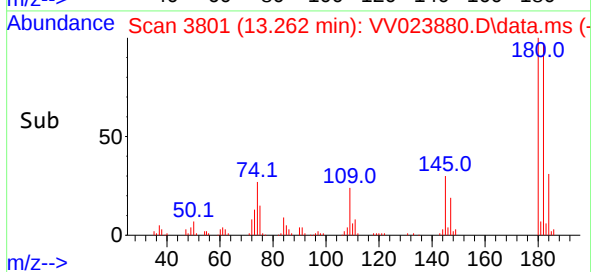
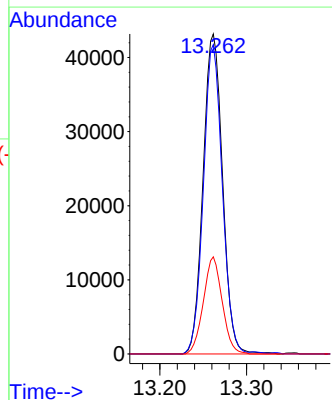
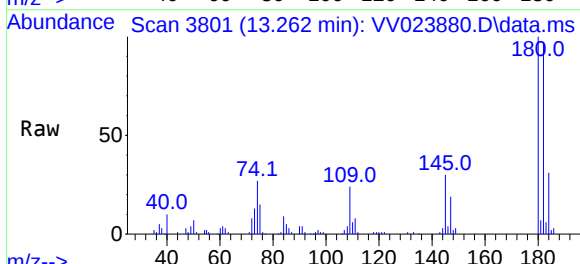
Tgt Ion:180 Resp: 67256

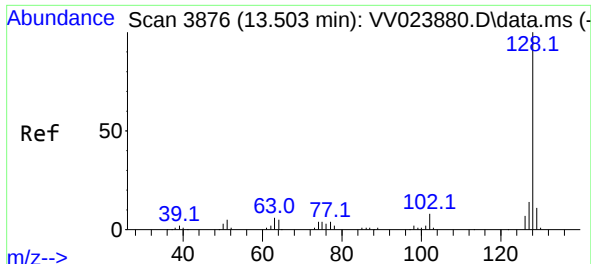
Ion Ratio Lower Upper

180 100

182 94.1 74.4 111.6

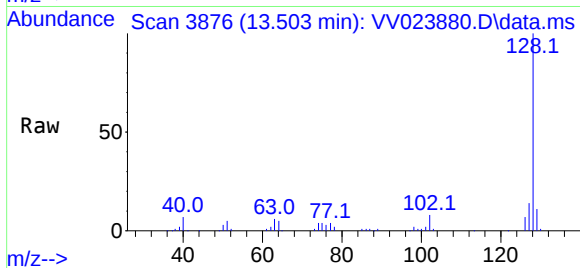
145 29.4 23.3 34.9



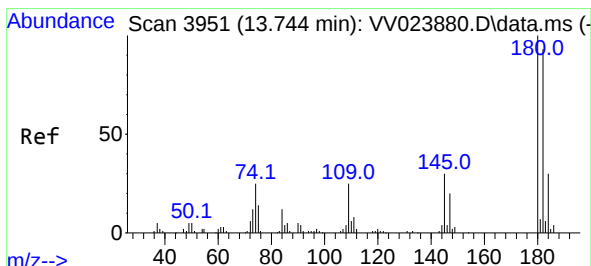
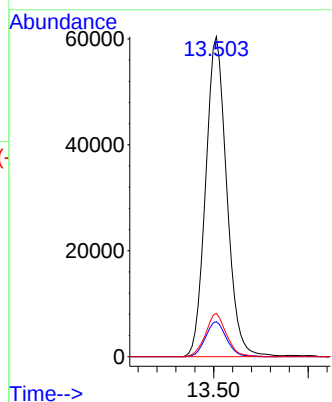


#71
Naphthalene
Concen: 5.391 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	93532
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.4
127	13.4	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.452 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023880.D
Acq: 10 Dec 2021 12:15

Tgt Ion:	180	Resp:	60530
Ion Ratio	Lower	Upper	
180	100		
182	93.0	76.8	115.2
145	30.5	25.8	38.6

