

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023902.D
 Acq On : 10 Dec 2021 21:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 04:54:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	105450	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27208	4.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.568	69	24884	5.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.111	63	56246	5.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	3.905	46	51394	46.404	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.800%
24) Chloroform-d	4.349	84	68609	5.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.034	65	31863	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.053	84	110837	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.069	67	34909	5.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.317	98	103822	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	7.625	79	14196	5.124	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.092	63	69549	56.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29691	5.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	46201	5.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48098	5.240	ug/L	99
3) Chloromethane	1.240	50	39266	5.007	ug/L	97
5) Vinyl chloride	1.310	62	44544	5.237	ug/L	100
6) Bromomethane	1.523	94	22004	4.071	ug/L	98
8) Chloroethane	1.584	64	28721	5.189	ug/L	100
9) Trichlorofluoromethane	1.754	101	78951	5.342	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41774	5.366	ug/L	98
12) 1,1-Dichloroethene	2.121	96	37199	5.258	ug/L	92
13) Acetone	2.195	43	27495	31.030	ug/L	68
14) Carbon disulfide	2.294	76	103250	5.031	ug/L	100
15) Methyl Acetate	2.445	43	10223	4.760	ug/L	90
16) Methylene chloride	2.510	84	45951	4.965	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	84508	5.282	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	40991	5.234	ug/L	97
19) 1,1-Dichloroethane	3.191	63	73726	5.245	ug/L	99
21) 2-Butanone	3.992	43	49384	39.007	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	43917	5.298	ug/L	97
23) Bromochloromethane	4.249	128	20879	5.542	ug/L #	87
25) Chloroform	4.375	83	81143	5.193	ug/L	100

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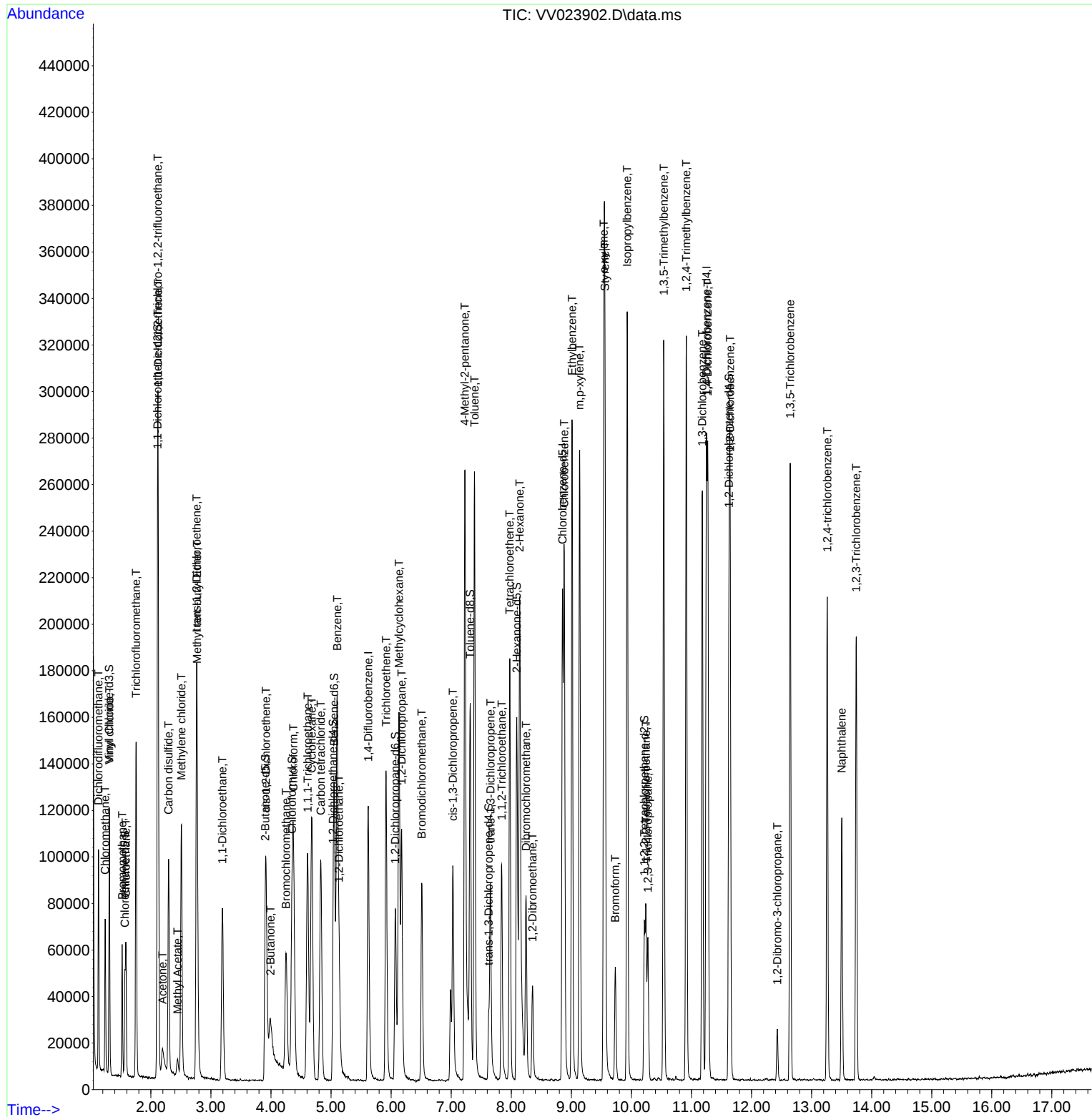
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43611	5.152	ug/L	98
29) 1,1,1-Trichloroethane	4.613	97	78720	5.383	ug/L	98
30) Cyclohexane	4.680	56	58034	5.004	ug/L	98
31) Carbon tetrachloride	4.828	117	69560	5.061	ug/L	98
33) Benzene	5.101	78	166302	5.260	ug/L	100
34) Trichloroethene	5.915	95	44445	4.984	ug/L	99
35) Methylcyclohexane	6.130	83	64854	4.941	ug/L	98
37) 1,2-Dichloropropane	6.175	63	39294	5.229	ug/L	100
38) Bromodichloromethane	6.510	83	56358	5.294	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	52171	4.676	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	203281	56.311	ug/L	99
42) Toluene	7.387	91	190508	5.354	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	49375	5.120	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	29894	5.377	ug/L	97
47) Tetrachloroethene	7.976	164	40828	5.200	ug/L	99
48) 2-Hexanone	8.140	43	148262	56.641	ug/L	99
49) Dibromochloromethane	8.246	129	40213	5.316	ug/L	99
50) 1,2-Dibromoethane	8.355	107	28264	5.476	ug/L	94
51) Chlorobenzene	8.883	112	123783	5.205	ug/L	99
52) Ethylbenzene	9.011	91	195216	5.200	ug/L	99
53) m,p-xylene	9.137	106	78337	5.276	ug/L	98
54) o-xylene	9.542	106	74411	5.182	ug/L	97
55) Styrene	9.561	104	131683	5.509	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	33313	5.472	ug/L	97
59) Bromoform	9.731	173	22762	5.254	ug/L	98
60) Isopropylbenzene	9.931	105	206542	5.211	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23676	5.148	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	167113	5.083	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	169785	5.183	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	105690	5.214	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	104499	5.133	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	95105	5.121	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5134	5.111	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	82515	4.949	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	63146	4.822	ug/L	97
71) Naphthalene	13.503	128	89962	4.780	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	58572	5.066	ug/L	99

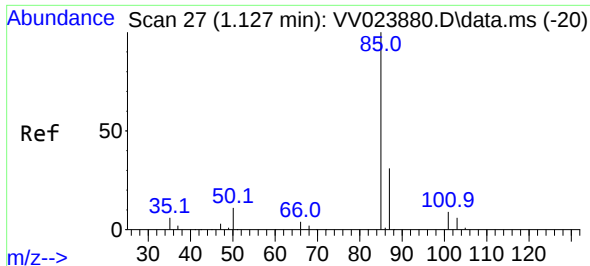
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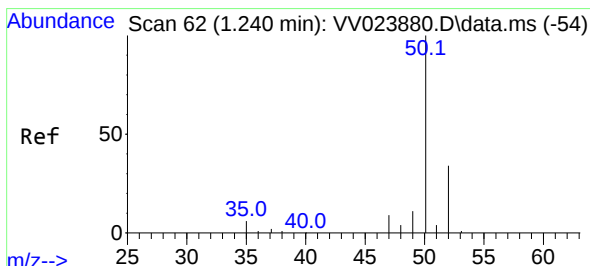
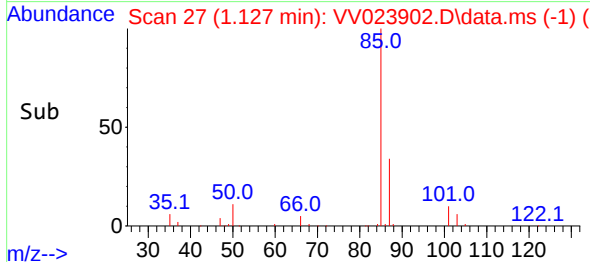
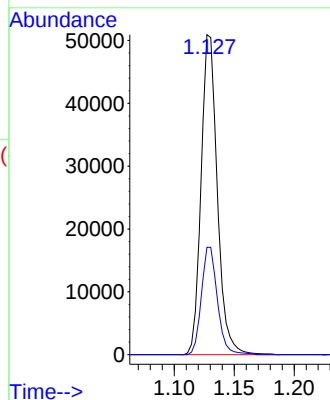
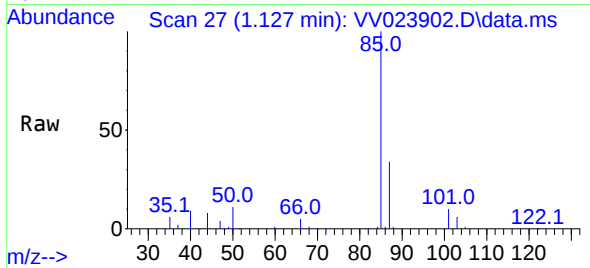




#2
 Dichlorodifluoromethane
 Concen: 5.240 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023902.D
 Acq: 10 Dec 2021 21:26

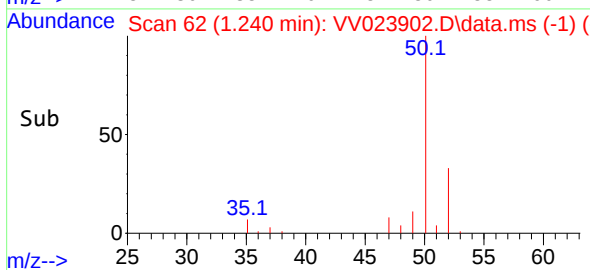
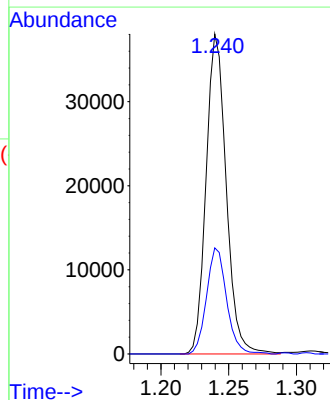
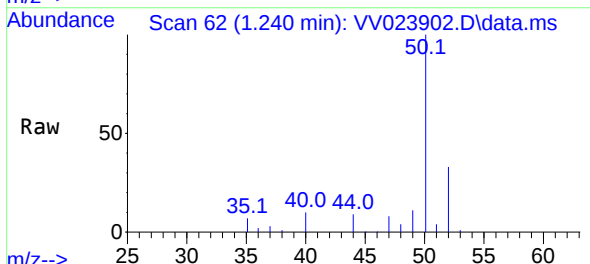
Instrument :
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 ClientSampleId :

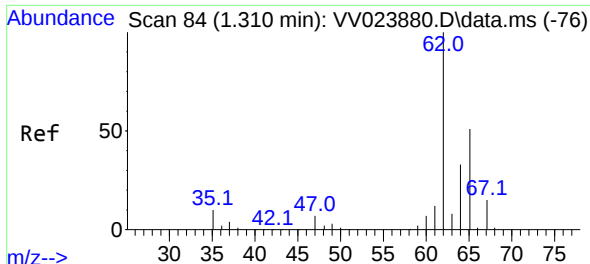
Tgt Ion: 85 Resp: 48098
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.007 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023902.D
 Acq: 10 Dec 2021 21:26

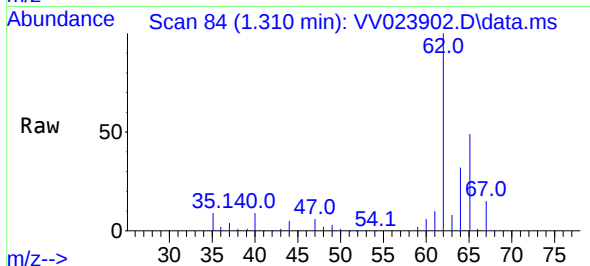
Tgt Ion: 50 Resp: 39266
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 41.0



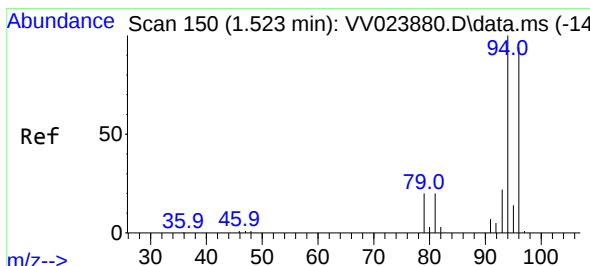
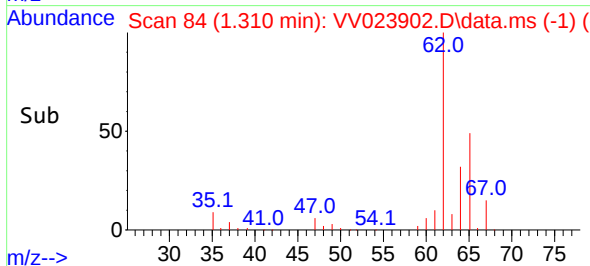
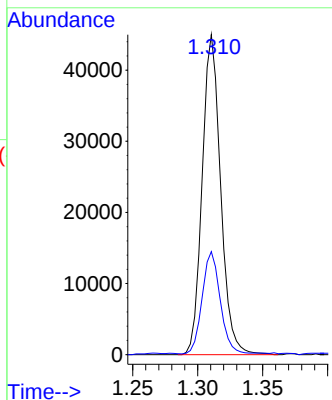


#5
 Vinyl chloride
 Concen: 5.237 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023902.D
 Acq: 10 Dec 2021 21:26

Instrument :
 MSVOA_V
 ClientSampleId :

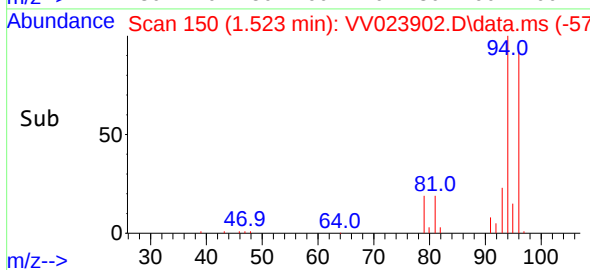
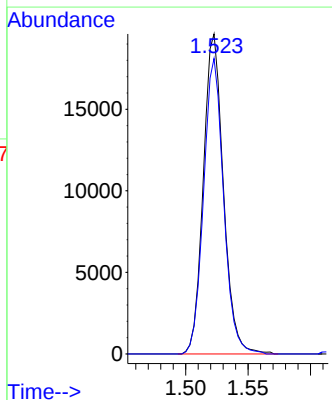
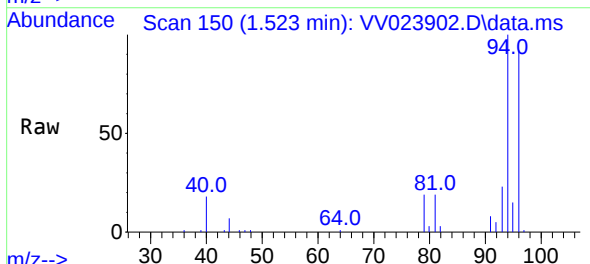


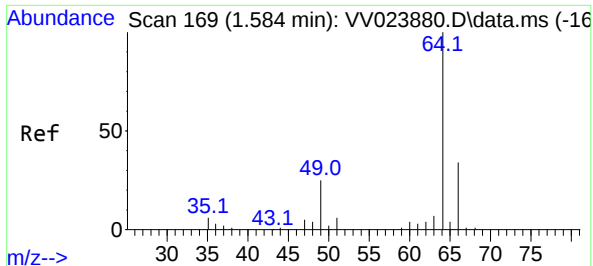
Tgt Ion: 62 Resp: 44544
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.4 41.6



#6
 Bromomethane
 Concen: 4.071 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023902.D
 Acq: 10 Dec 2021 21:26

Tgt Ion: 94 Resp: 22004
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.2 123.0

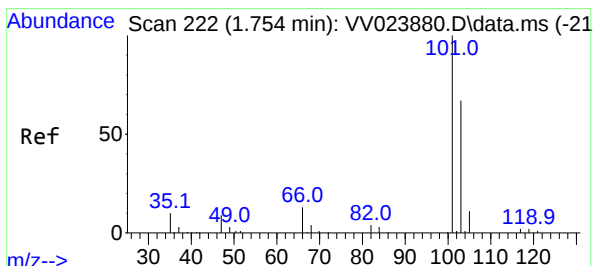
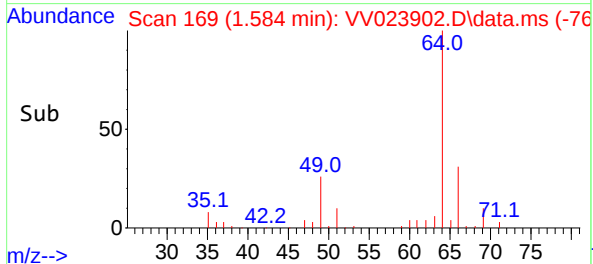
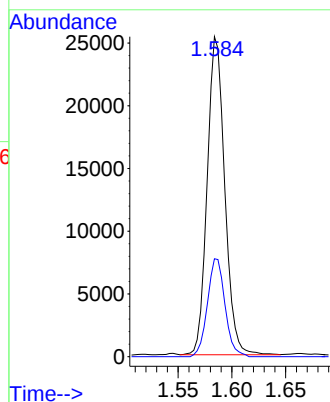
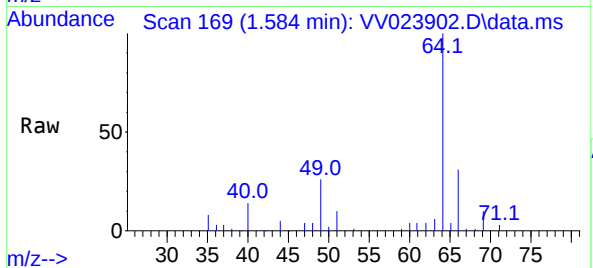




#8
Chloroethane
Concen: 5.189 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

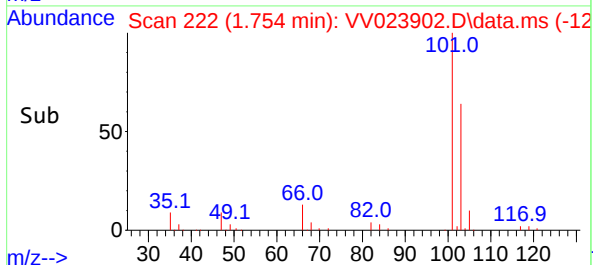
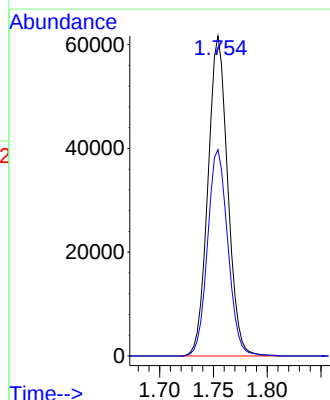
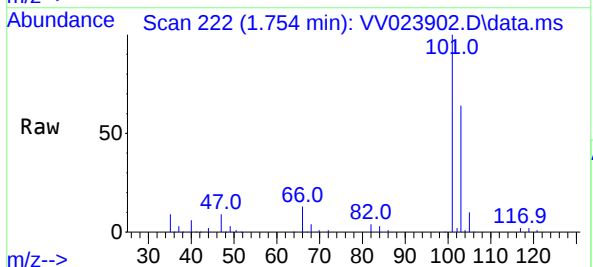
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MSVOA_V
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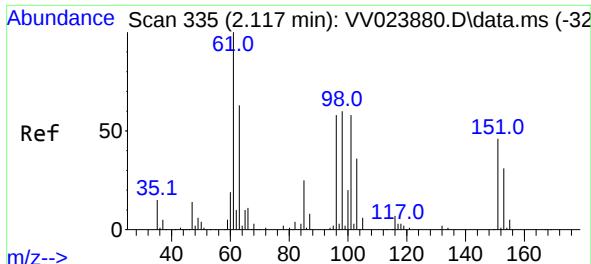
Tgt Ion: 64 Resp: 28721
Ion Ratio Lower Upper
64 100
66 30.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.342 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion:101 Resp: 78951
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4

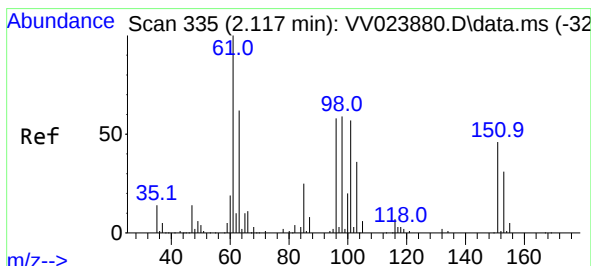
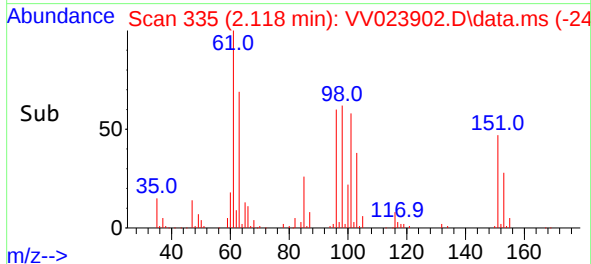
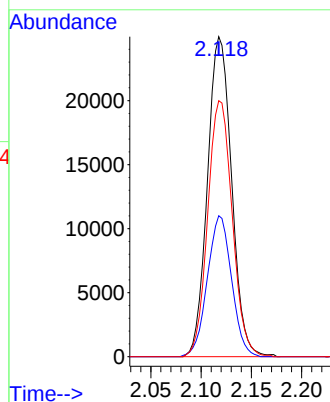
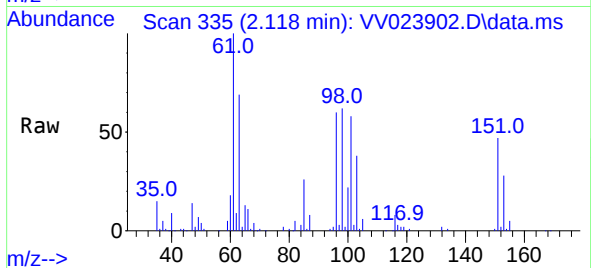




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.366 ug/L
RT: 2.118 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

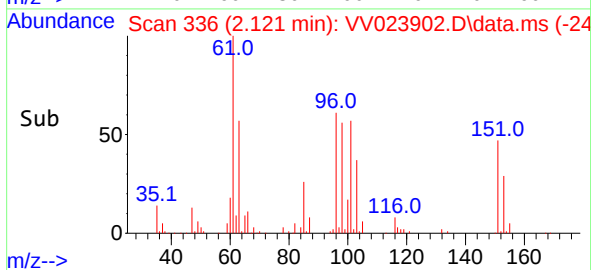
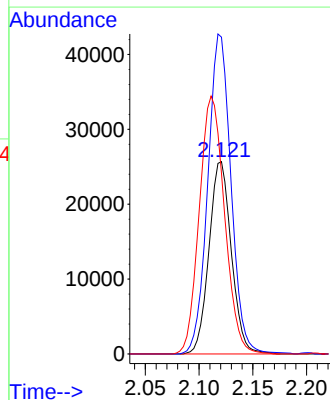
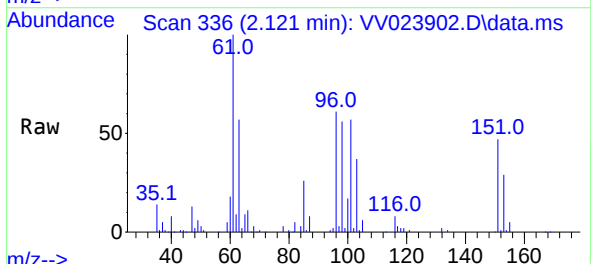
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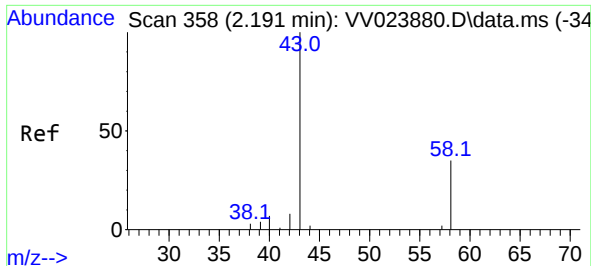
Tgt Ion:101 Resp: 41774
Ion Ratio Lower Upper
101 100
85 44.2 36.0 54.0
151 81.3 66.4 99.6



#12
1,1-Dichloroethene
Concen: 5.258 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion: 96 Resp: 37199
Ion Ratio Lower Upper
96 100
61 164.7 116.1 215.5
63 93.9 79.4 147.4





#13

Acetone

Concen: 31.030 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

Instrument :

MSVOA_V

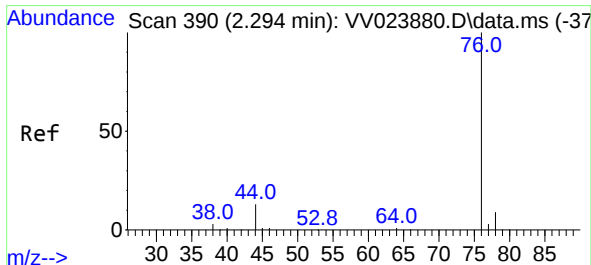
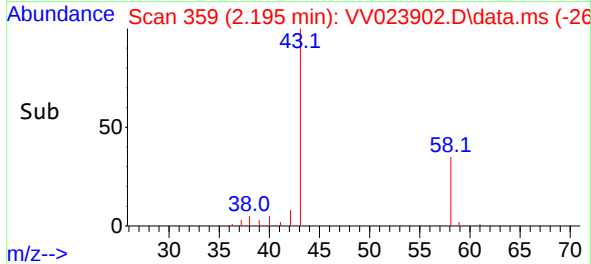
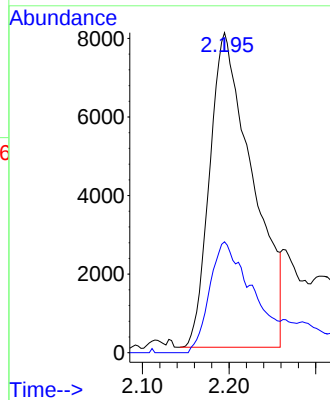
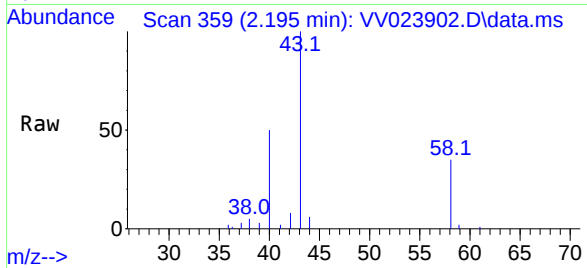
ClientSampleId :

Tgt Ion: 43 Resp: 27495

Ion Ratio Lower Upper

43 100

58 35.5 0.0 41.4



#14

Carbon disulfide

Concen: 5.031 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023902.D

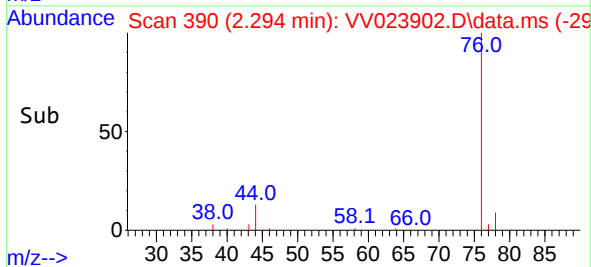
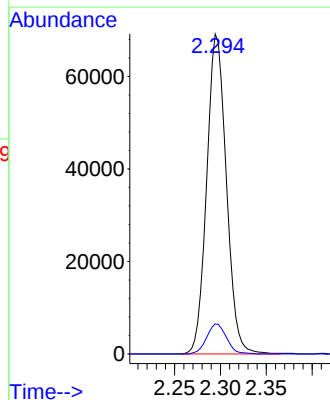
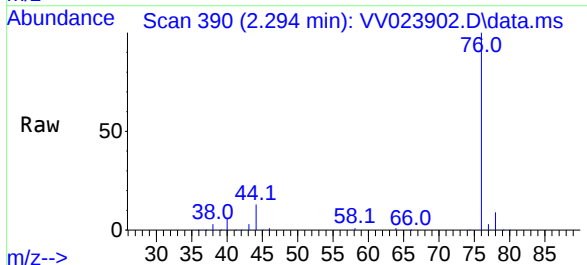
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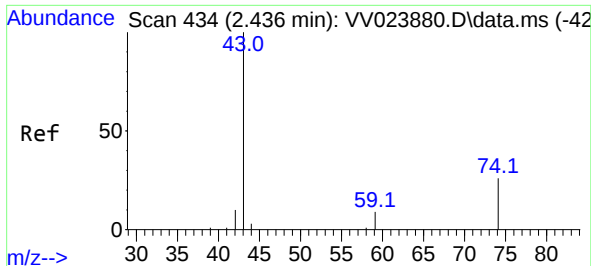
Tgt Ion: 76 Resp: 103250

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

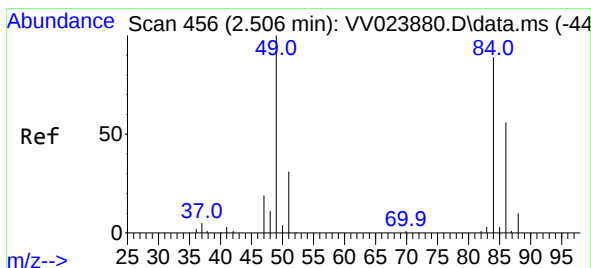
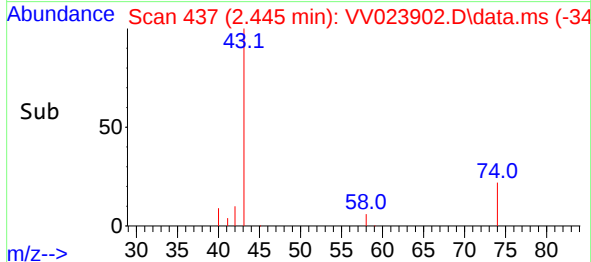
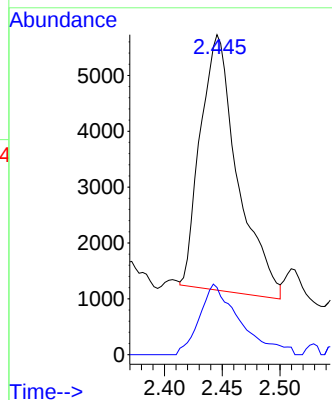
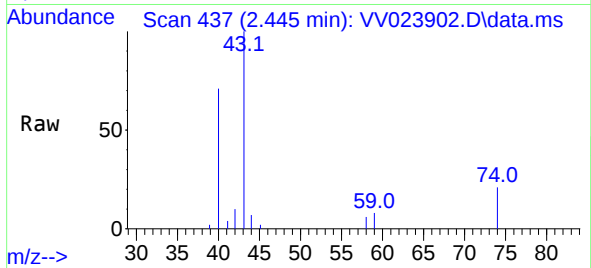




#15
Methyl Acetate
Concen: 4.760 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

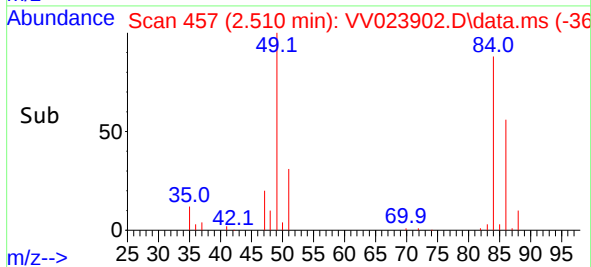
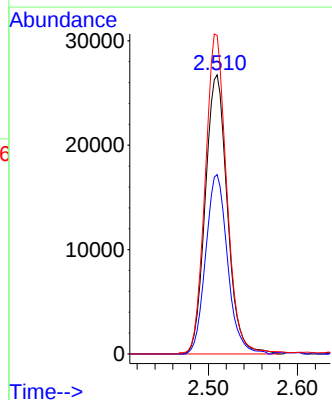
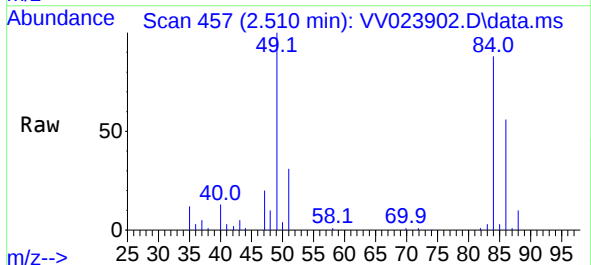
Instrument :
MSVOA_V
ClientSampleId :

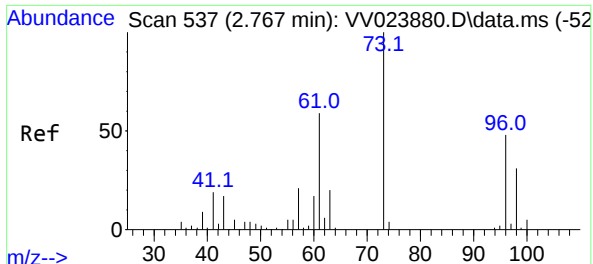
Tgt Ion: 43 Resp: 10223
Ion Ratio Lower Upper
43 100
74 30.0 20.2 30.2



#16
Methylene chloride
Concen: 4.965 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

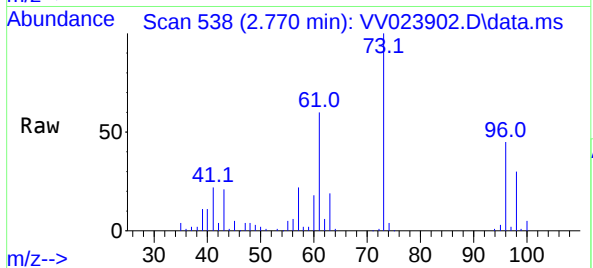
Tgt Ion: 84 Resp: 45951
Ion Ratio Lower Upper
84 100
86 64.2 42.6 79.0
49 114.1 79.7 147.9



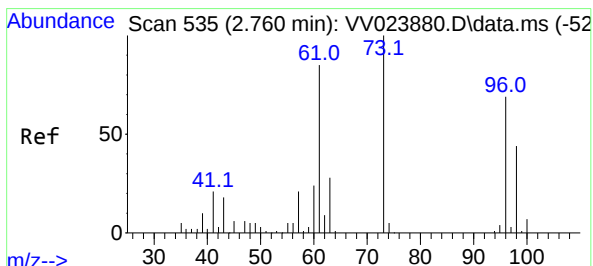
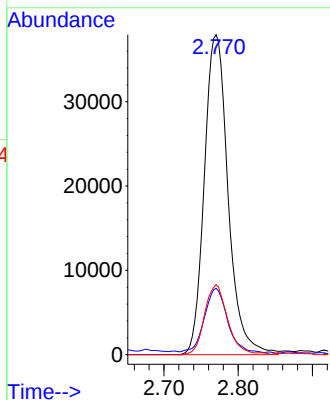
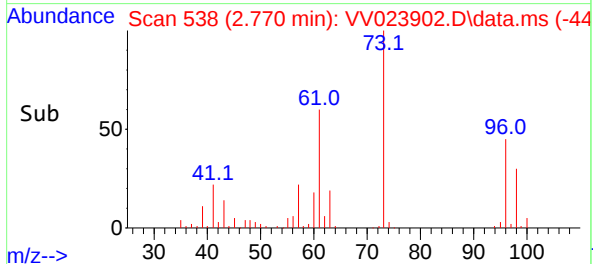


#17
Methyl tert-butyl Ether
Concen: 5.282 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

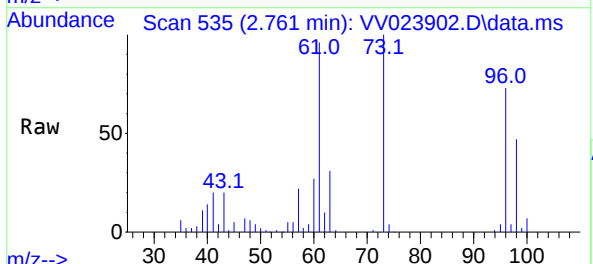
Instrument :
MSVOA_V
ClientSampleId :



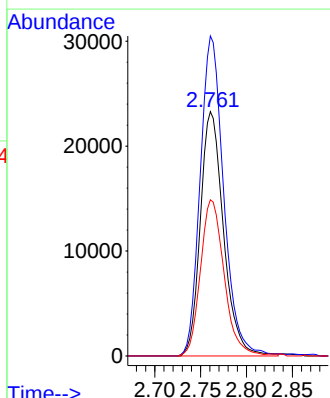
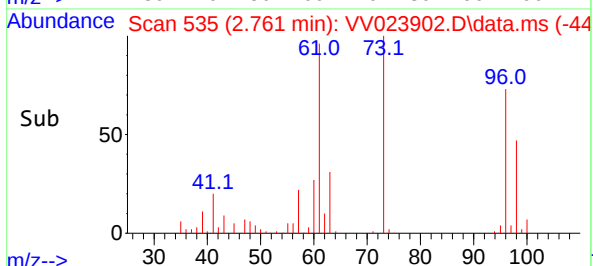
Tgt Ion: 73 Resp: 84508
Ion Ratio Lower Upper
73 100
43 19.2 15.5 23.3
57 21.0 17.1 25.7

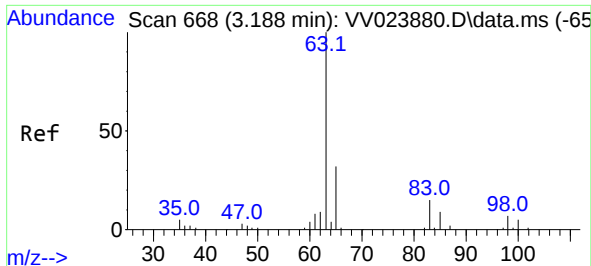


#18
trans-1,2-Dichloroethene
Concen: 5.234 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26



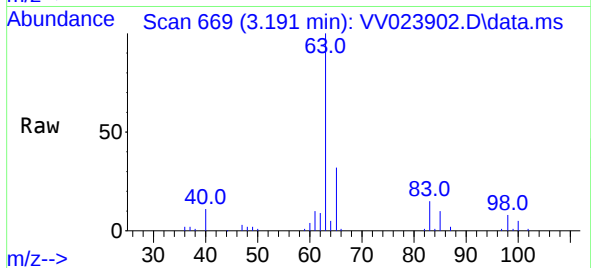
Tgt Ion: 96 Resp: 40991
Ion Ratio Lower Upper
96 100
61 130.9 88.2 163.8
98 63.9 44.9 83.5



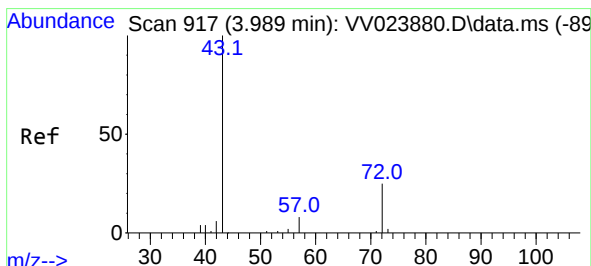
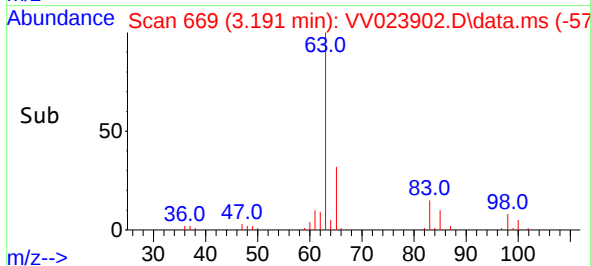
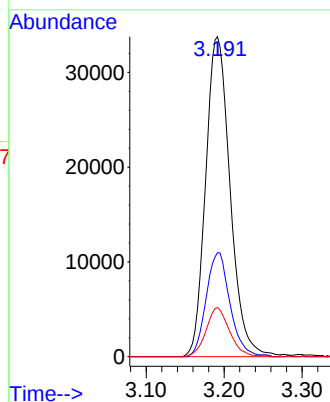


#19
1,1-Dichloroethane
Concen: 5.245 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Instrument :
MSVOA_V
ClientSampleId :

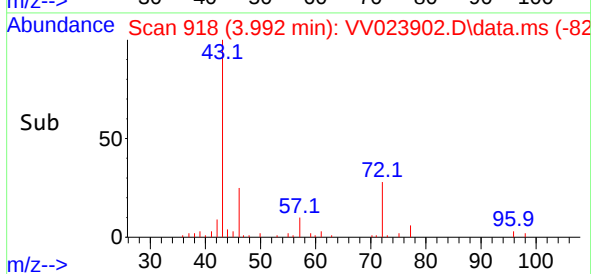
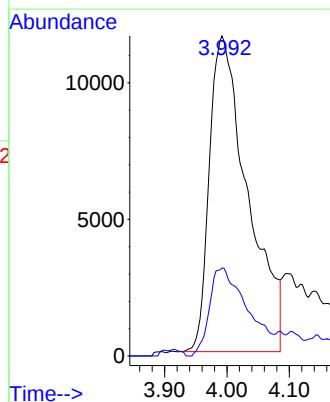
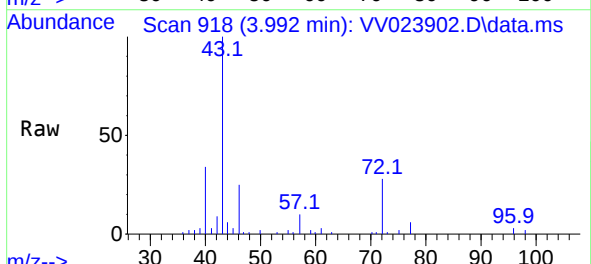


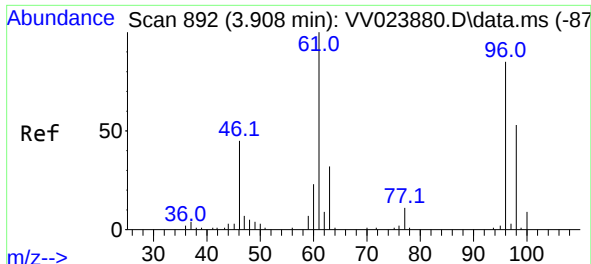
Tgt Ion: 63 Resp: 73726
Ion Ratio Lower Upper
63 100
65 32.5 22.3 41.3
83 15.4 10.7 19.9



#21
2-Butanone
Concen: 39.007 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

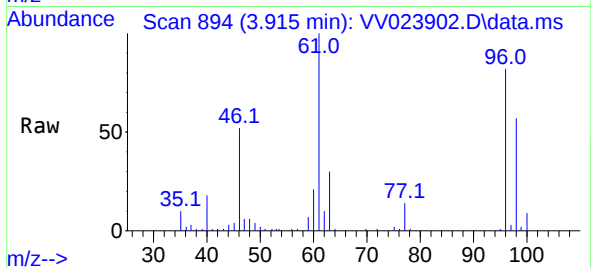
Tgt Ion: 43 Resp: 49384
Ion Ratio Lower Upper
43 100
72 27.8 11.1 33.1



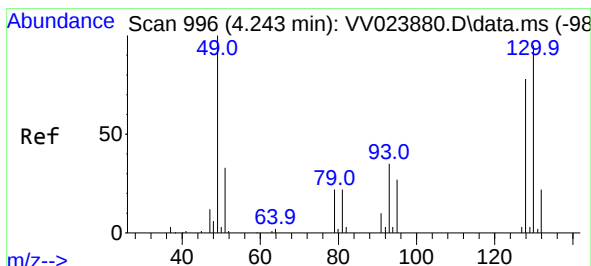
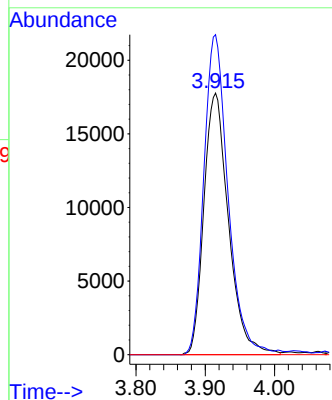
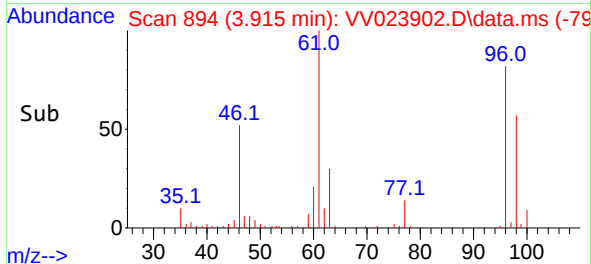


#22
cis-1,2-Dichloroethene
Concen: 5.298 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Instrument :
MSVOA_V
ClientSampleId :

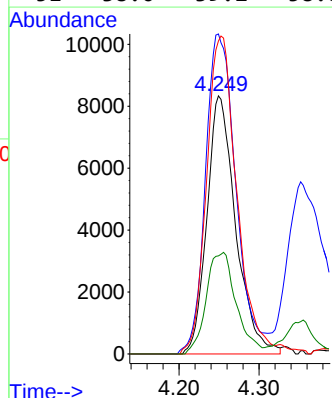
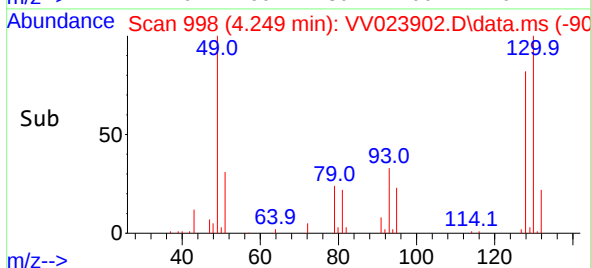
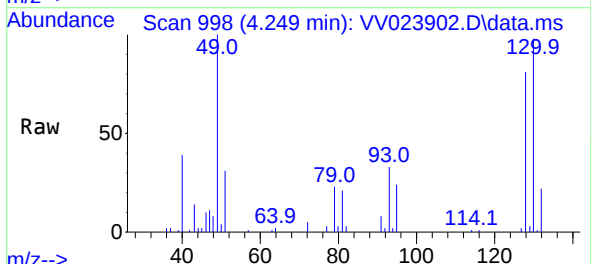


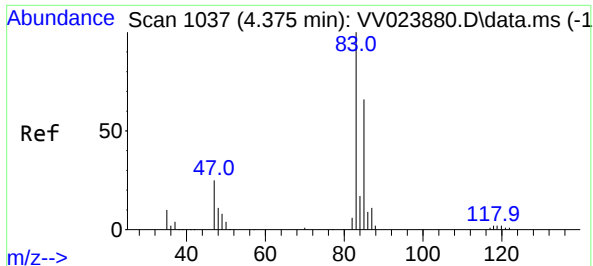
Tgt Ion: 96 Resp: 43917
Ion Ratio Lower Upper
96 100
61 122.3 83.4 154.8
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.542 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.007 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion: 128 Resp: 20879
Ion Ratio Lower Upper
128 100
49 124.0 100.2 186.2
130 121.2 92.5 171.7
51 38.0 39.2 58.8#





#25

Chloroform

Concen: 5.193 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

Instrument :

MSVOA_V

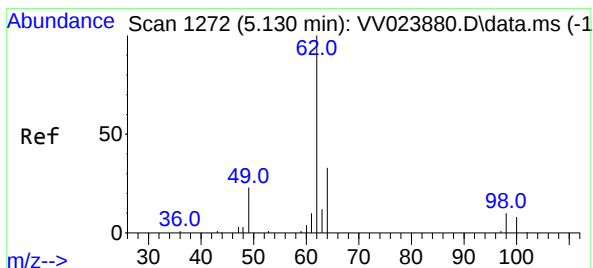
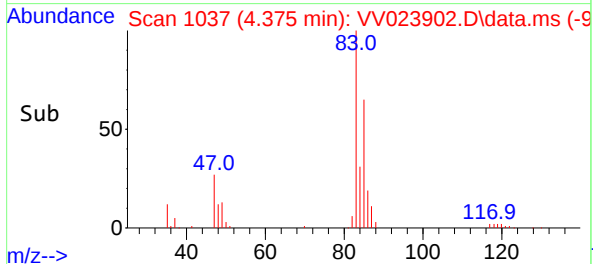
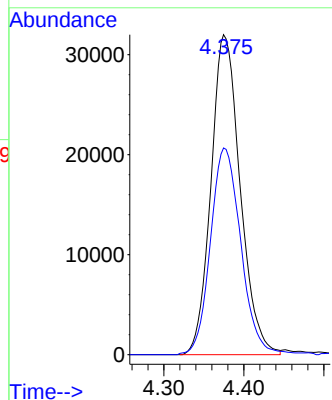
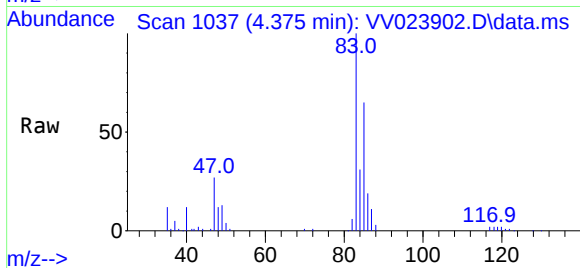
ClientSampleId :

Tgt Ion: 83 Resp: 81143

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.152 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023902.D

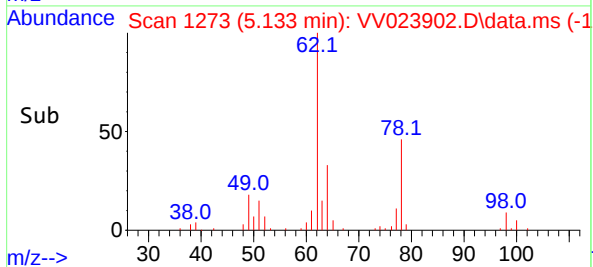
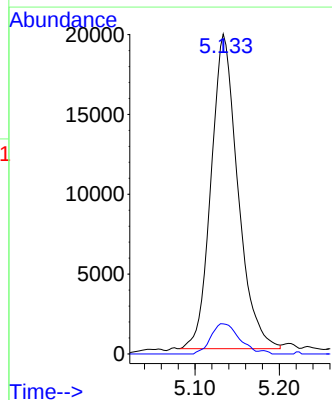
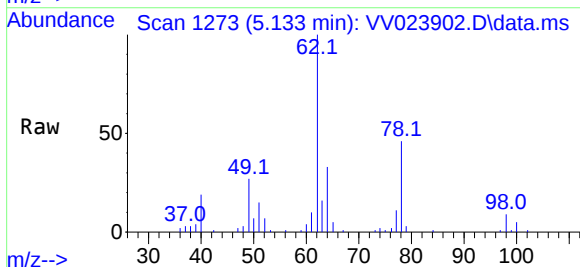
Acq: 10 Dec 2021 21:26

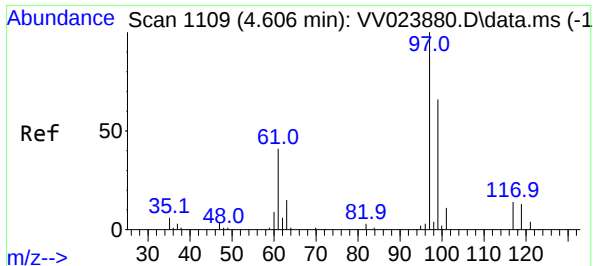
Tgt Ion: 62 Resp: 43611

Ion Ratio Lower Upper

62 100

98 9.4 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.383 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.007 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

Instrument :

MSVOA_V

ClientSampleId :

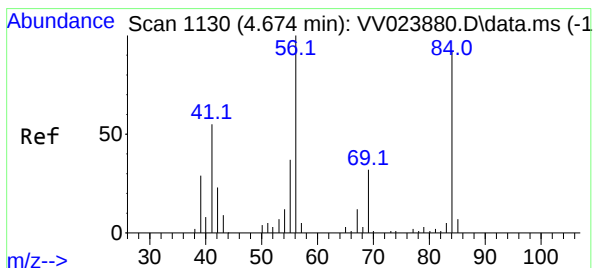
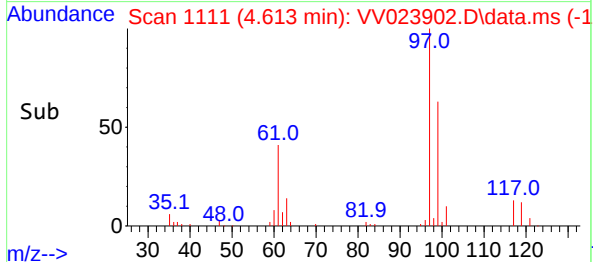
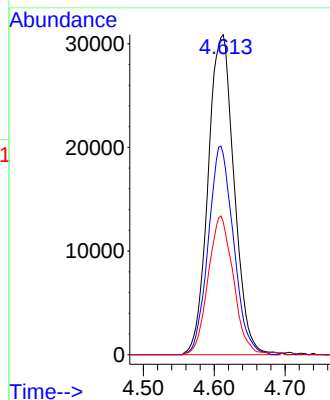
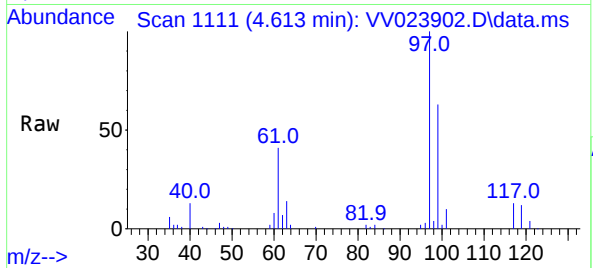
Tgt Ion: 97 Resp: 78720

Ion Ratio Lower Upper

97 100

99 63.3 51.9 77.9

61 42.2 33.2 49.8



#30

Cyclohexane

Concen: 5.004 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

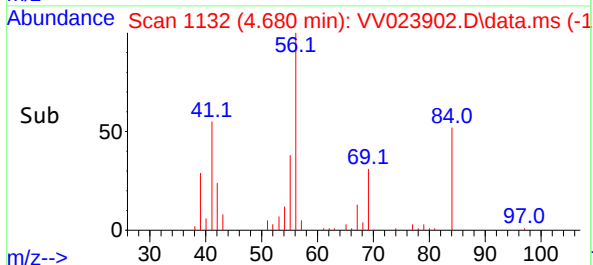
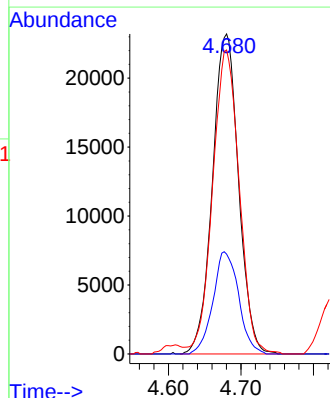
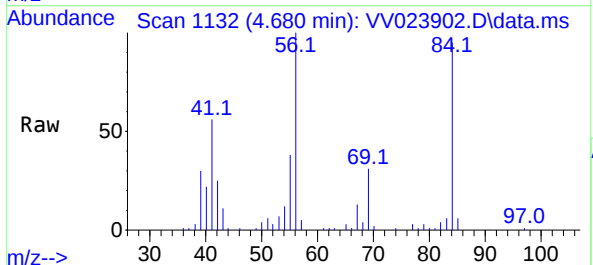
Tgt Ion: 56 Resp: 58034

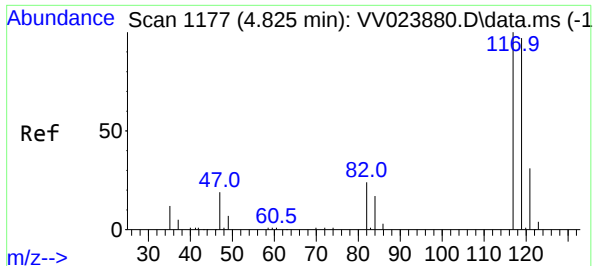
Ion Ratio Lower Upper

56 100

69 31.3 24.8 37.2

84 96.8 75.9 113.9

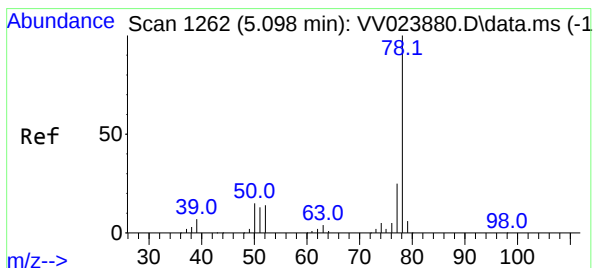
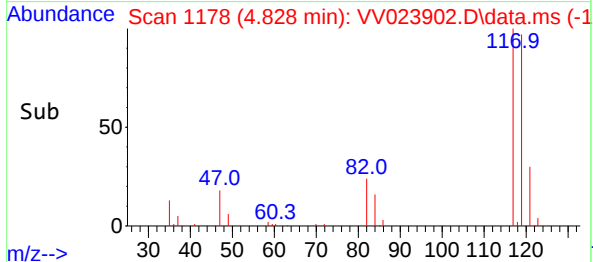
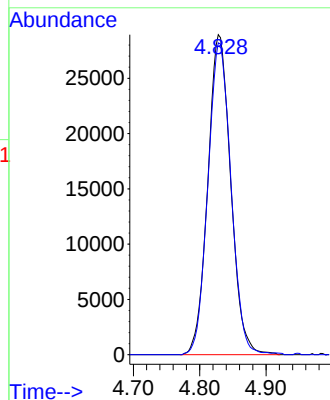
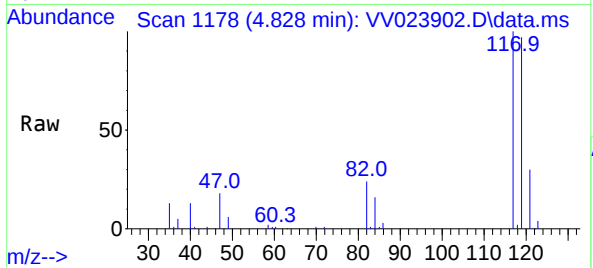




#31
Carbon tetrachloride
Concen: 5.061 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

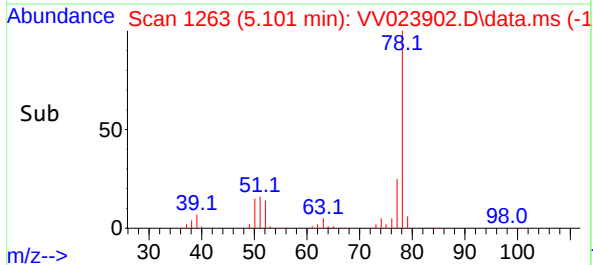
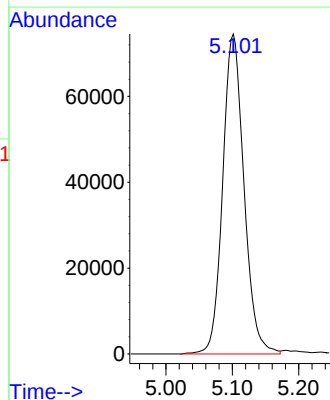
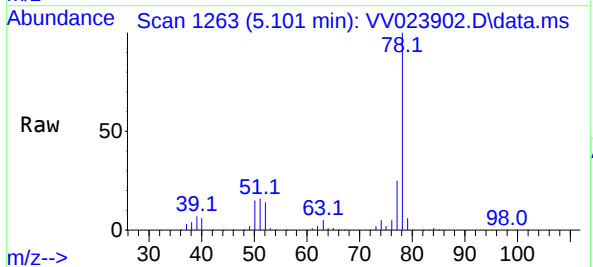
Instrument :
MSVOA_V
ClientSampleId :

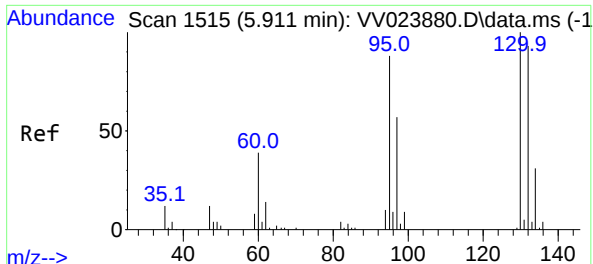
Tgt Ion:117 Resp: 69560
Ion Ratio Lower Upper
117 100
119 97.8 76.6 114.8



#33
Benzene
Concen: 5.260 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion: 78 Resp: 166302





#34

Trichloroethene

Concen: 4.984 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 44445

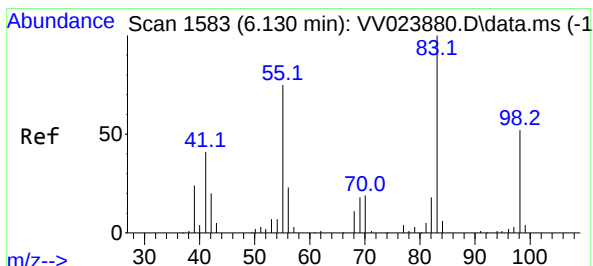
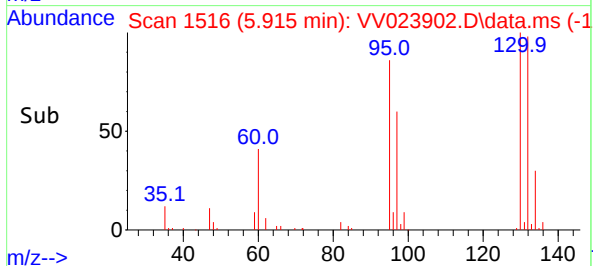
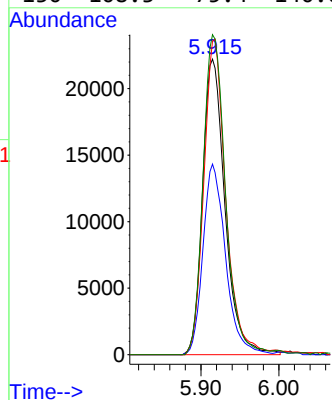
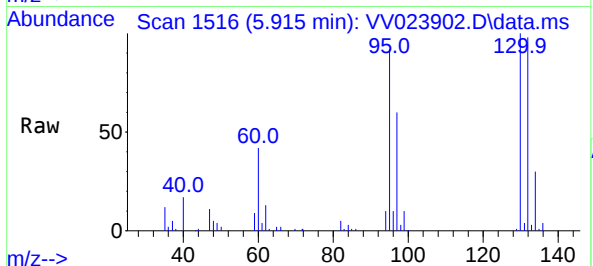
Ion Ratio Lower Upper

95 100

97 64.5 45.2 84.0

132 106.0 76.1 141.3

130 108.3 75.4 140.0



#35

Methylcyclohexane

Concen: 4.941 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

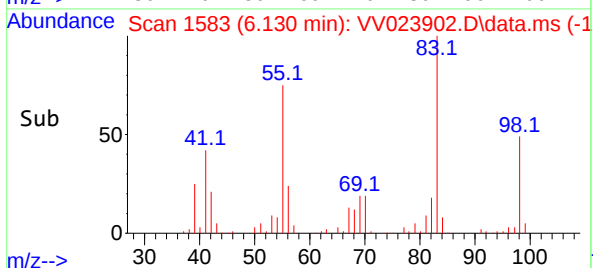
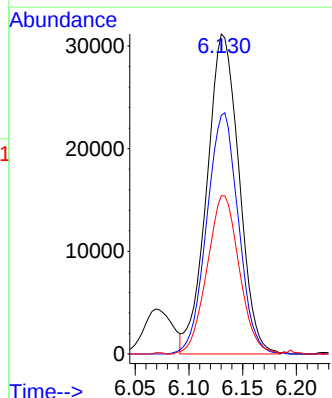
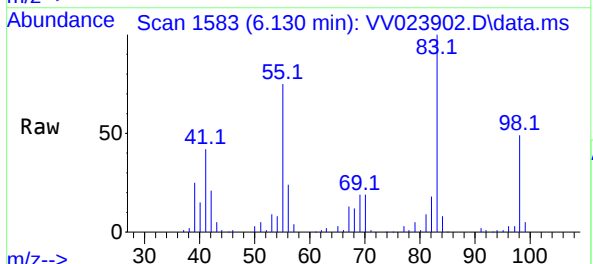
Tgt Ion: 83 Resp: 64854

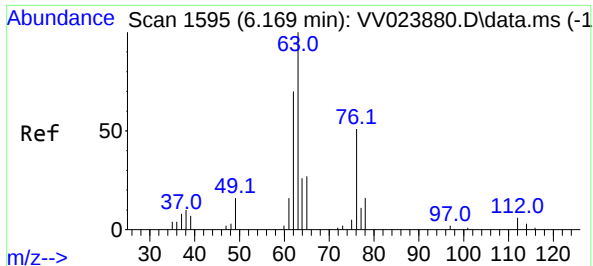
Ion Ratio Lower Upper

83 100

55 74.1 60.2 90.2

98 49.5 41.0 61.4

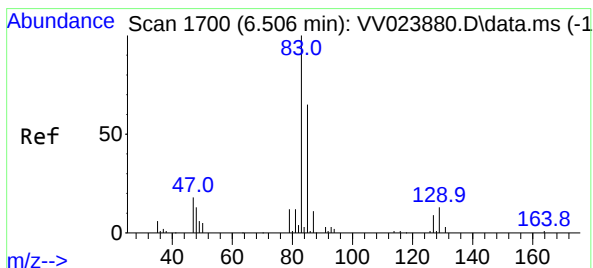
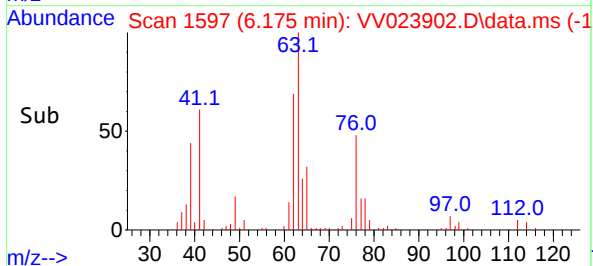
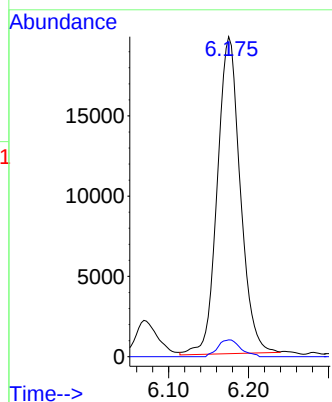
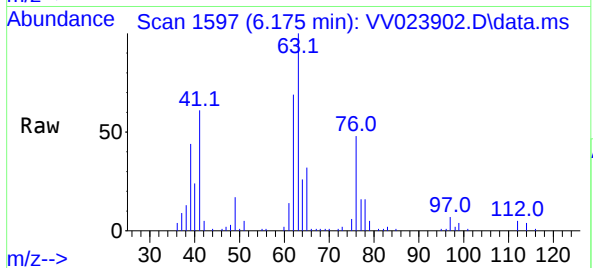




#37
1,2-Dichloropropane
Concen: 5.229 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

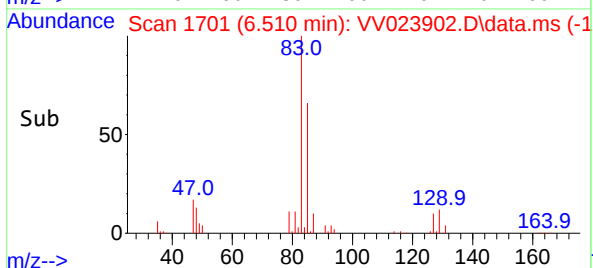
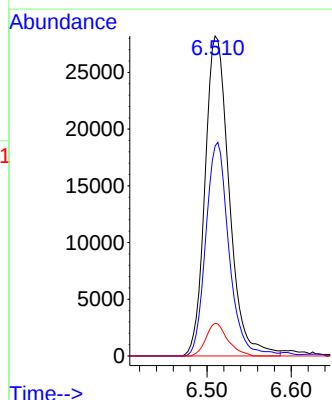
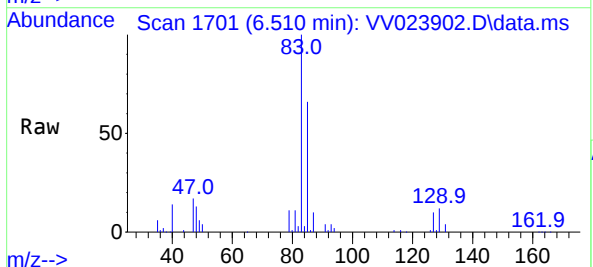
Instrument :
MSVOA_V
ClientSampleId :

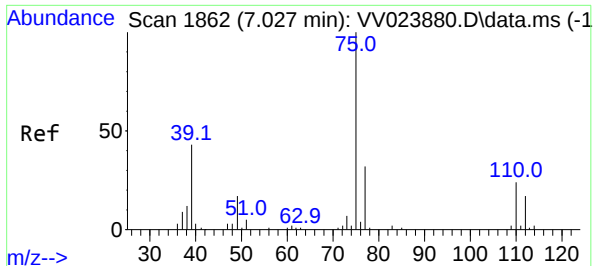
Tgt Ion: 63 Resp: 39294
Ion Ratio Lower Upper
63 100
112 5.3 4.3 6.5



#38
Bromodichloromethane
Concen: 5.294 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion: 83 Resp: 56358
Ion Ratio Lower Upper
83 100
85 65.6 44.0 81.8
127 10.2 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.676 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

Instrument :

MSVOA_V

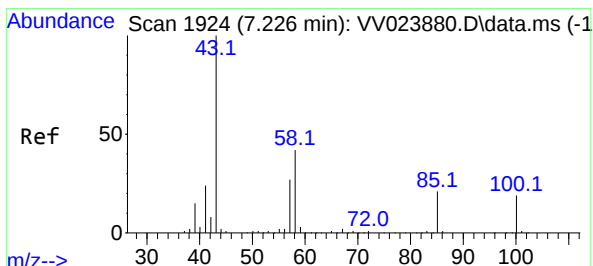
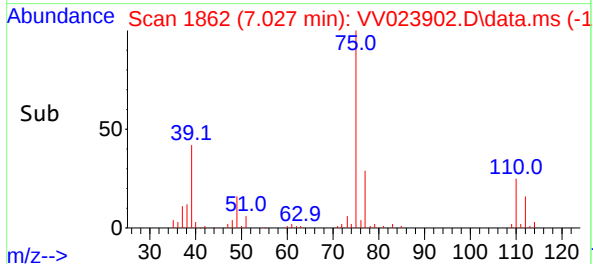
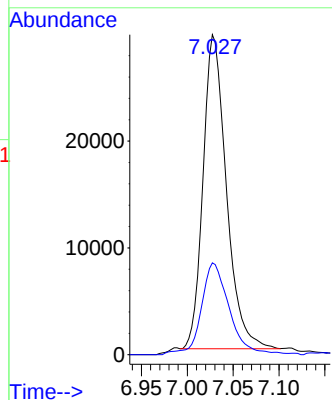
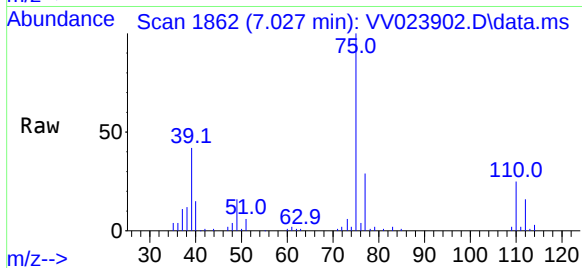
ClientSampleId :

Tgt Ion: 75 Resp: 52171

Ion Ratio Lower Upper

75 100

77 28.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 56.311 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

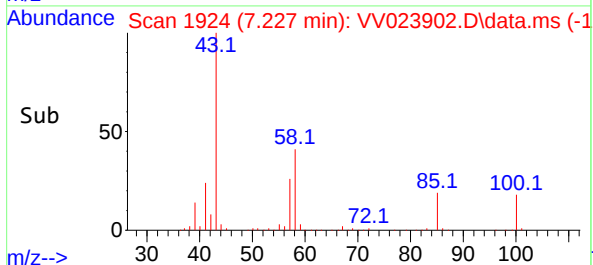
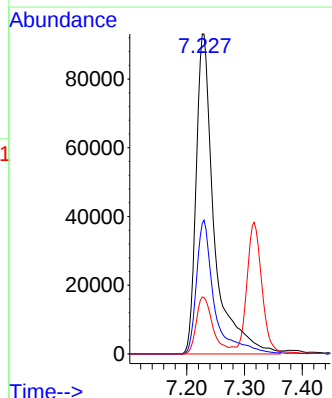
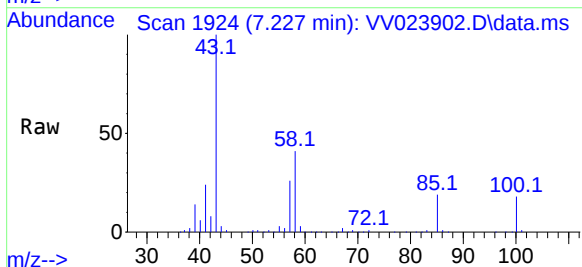
Tgt Ion: 43 Resp: 203281

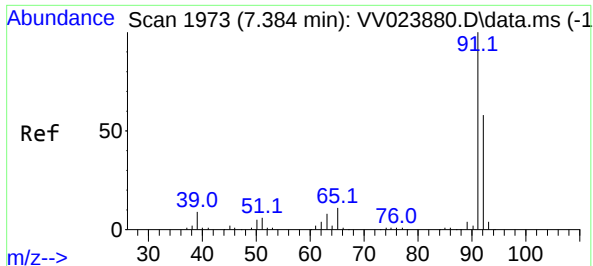
Ion Ratio Lower Upper

43 100

58 41.3 32.3 48.5

100 16.2 13.0 19.6





#42

Toluene

Concen: 5.354 ug/L

RT: 7.387 min Scan# 19

Delta R.T. 0.003 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

Instrument :

MSVOA_V

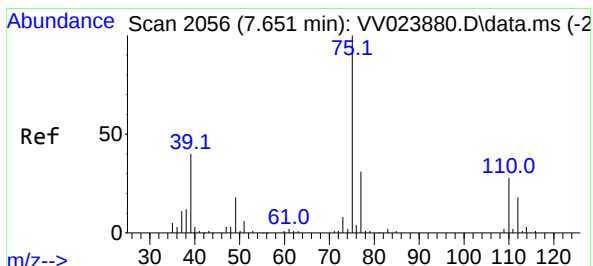
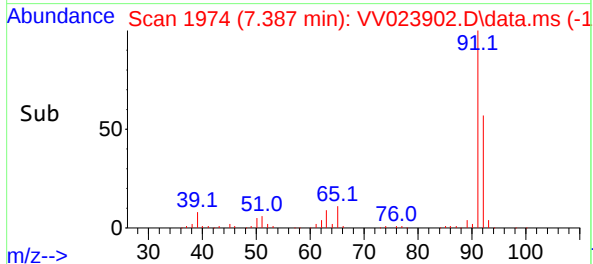
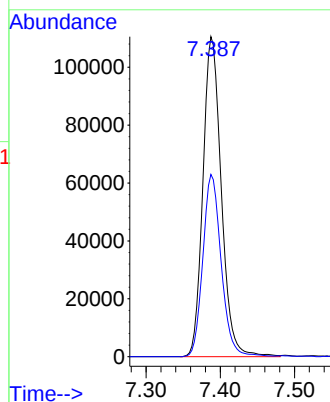
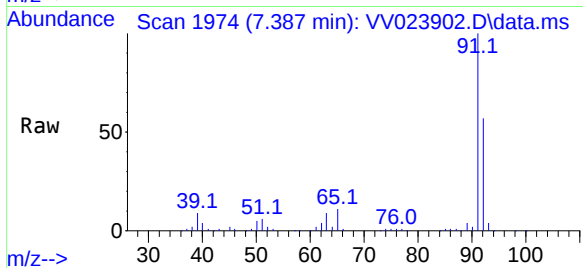
ClientSampleId :

Tgt Ion: 91 Resp: 190508

Ion Ratio Lower Upper

91 100

92 57.0 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.120 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023902.D

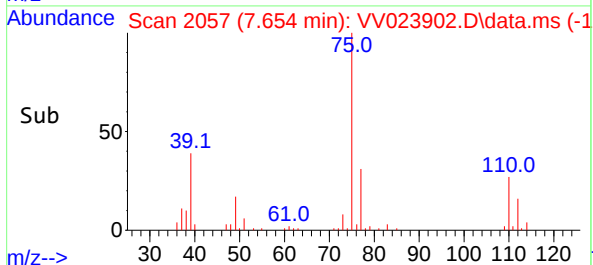
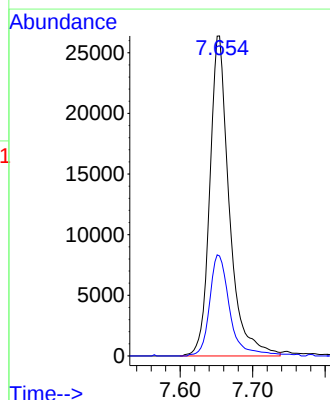
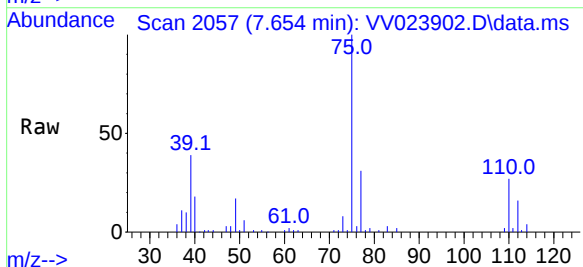
Acq: 10 Dec 2021 21:26

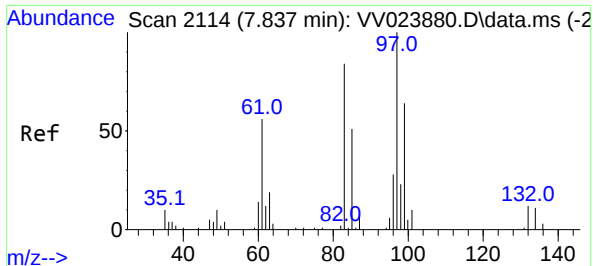
Tgt Ion: 75 Resp: 49375

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.377 ug/L

RT: 7.841 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 29894

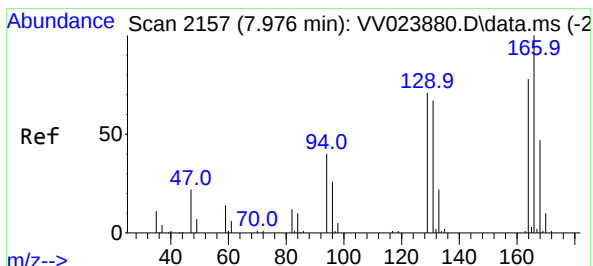
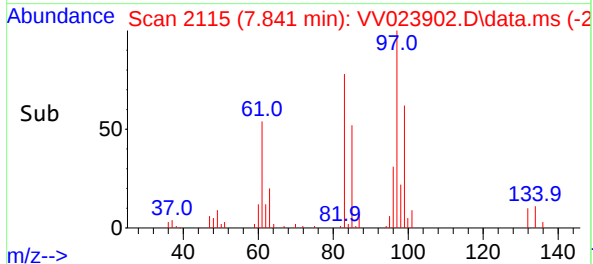
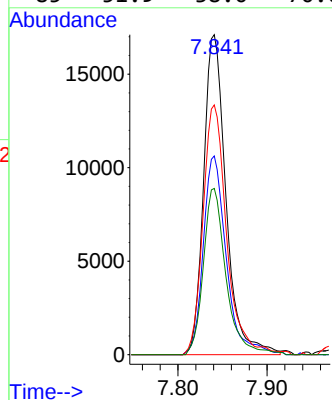
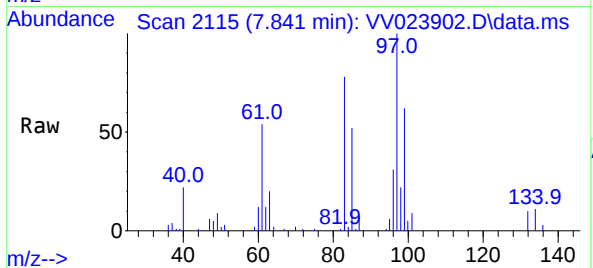
Ion Ratio Lower Upper

97 100

99 62.1 43.1 80.1

83 78.0 57.9 107.5

85 51.9 38.0 70.6



#47

Tetrachloroethene

Concen: 5.200 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

Tgt Ion:164 Resp: 40828

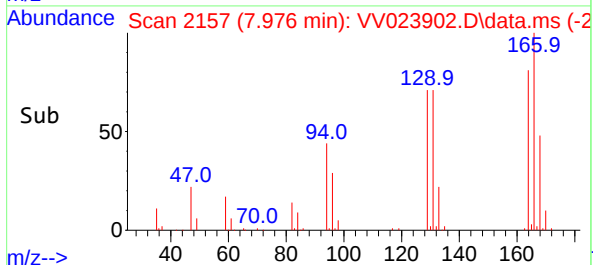
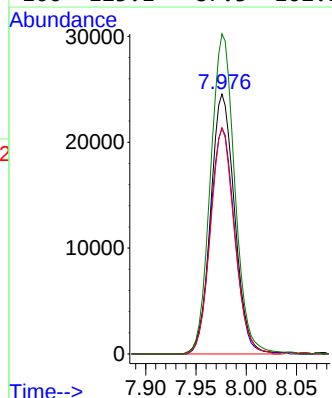
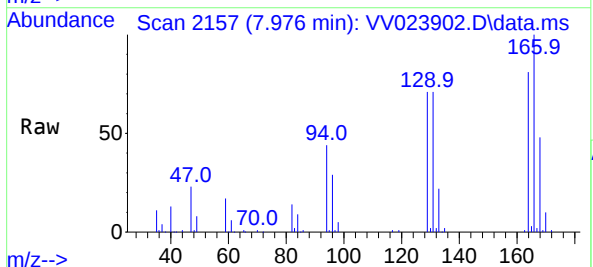
Ion Ratio Lower Upper

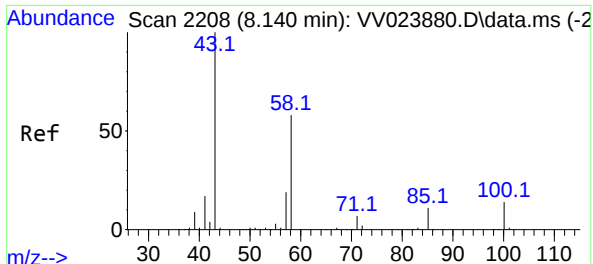
164 100

129 86.9 62.6 116.2

131 87.0 61.0 113.4

166 123.1 87.3 162.1

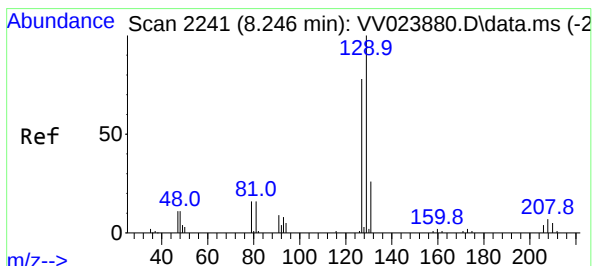
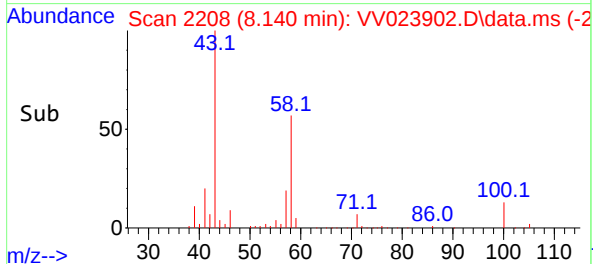
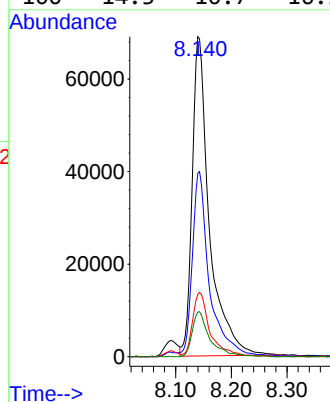
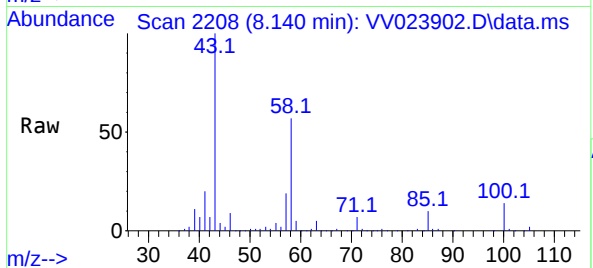




#48
2-Hexanone
Concen: 56.641 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

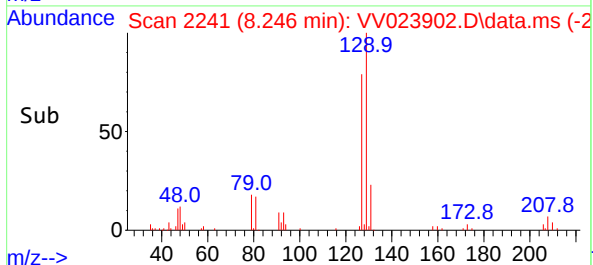
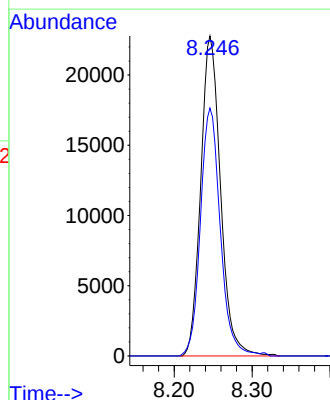
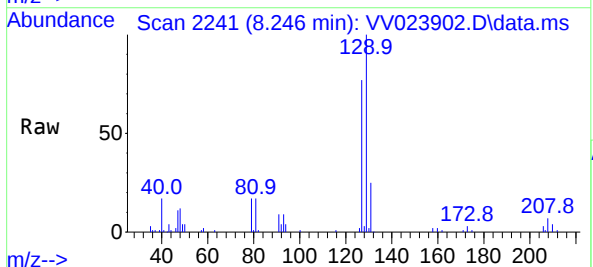
Instrument :
MSVOA_V
ClientSampleId :

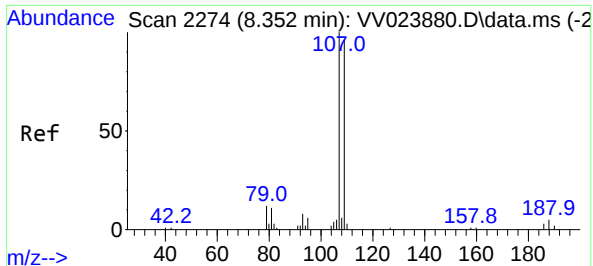
Tgt Ion: 43 Resp: 148262
Ion Ratio Lower Upper
43 100
58 55.7 44.5 66.7
57 20.0 15.1 22.7
100 14.3 10.7 16.1



#49
Dibromochloromethane
Concen: 5.316 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

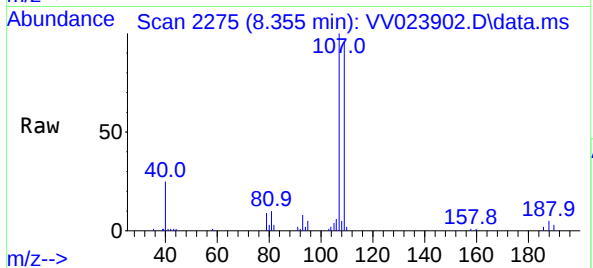
Tgt Ion: 129 Resp: 40213
Ion Ratio Lower Upper
129 100
127 77.5 53.5 99.3



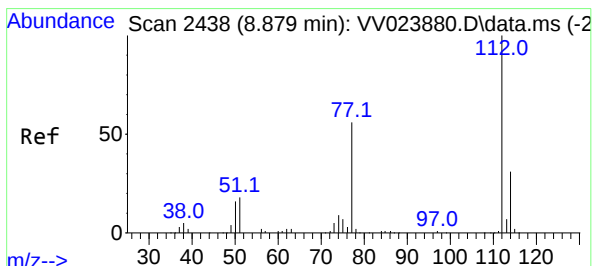
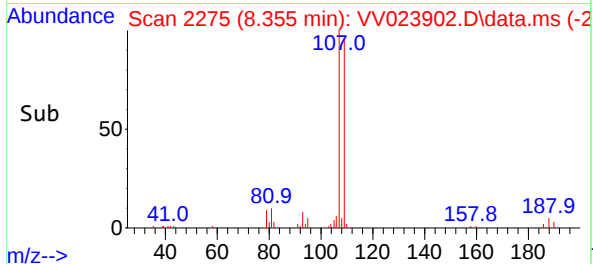
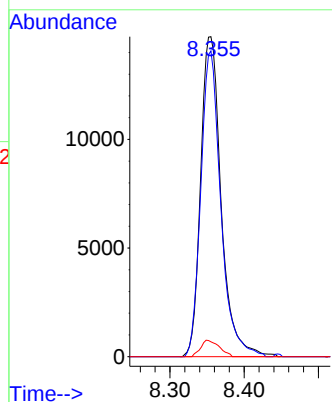


#50
1,2-Dibromoethane
Concen: 5.476 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Instrument :
MSVOA_V
ClientSampleId :

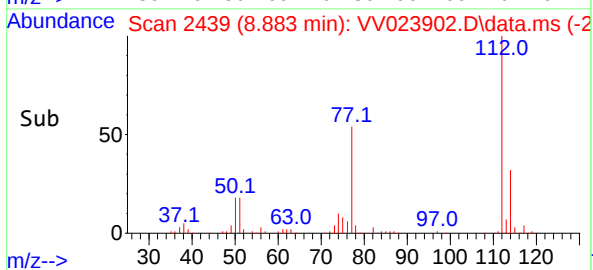
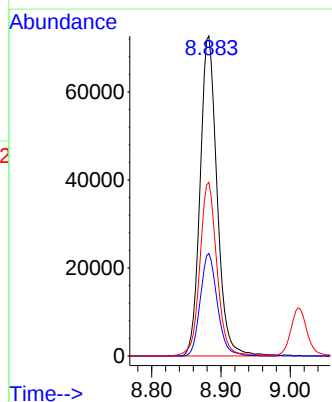
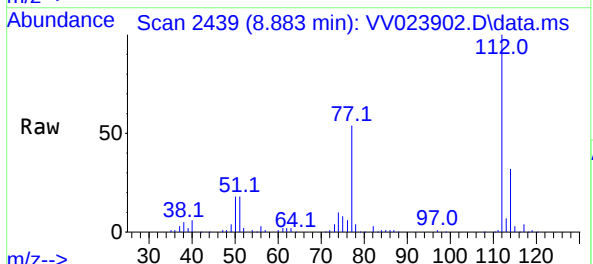


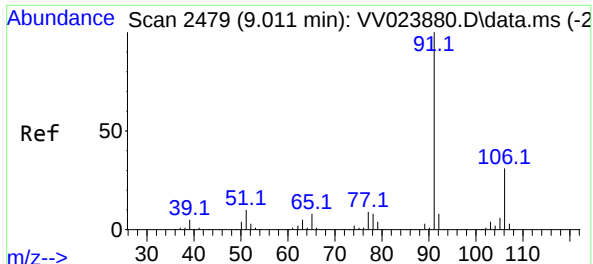
Tgt Ion:107 Resp: 28264
Ion Ratio Lower Upper
107 100
109 95.5 62.5 116.1
188 4.6 3.4 5.2



#51
Chlorobenzene
Concen: 5.205 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion:112 Resp: 123783
Ion Ratio Lower Upper
112 100
114 32.1 23.3 43.3
77 54.2 43.3 64.9

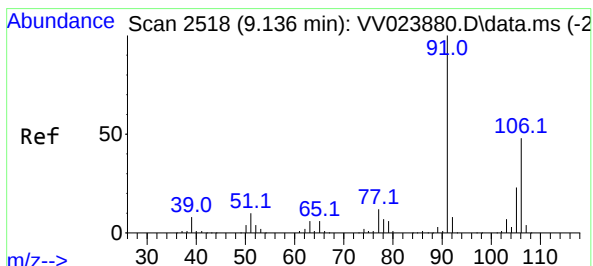
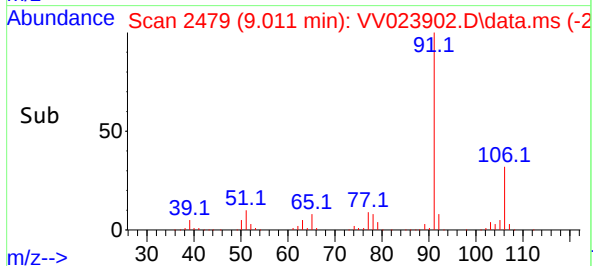
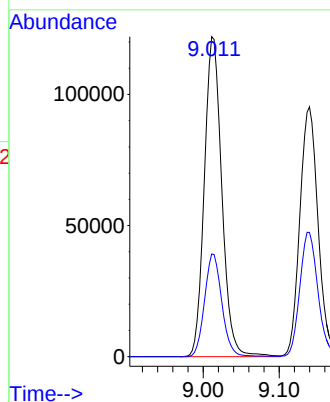
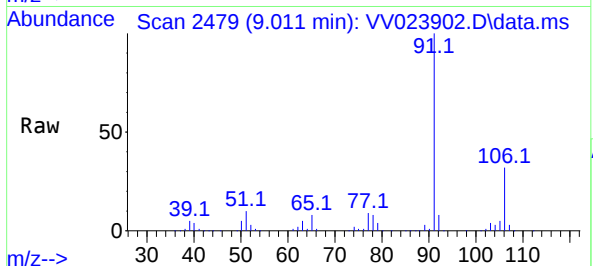




#52
Ethylbenzene
Concen: 5.200 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

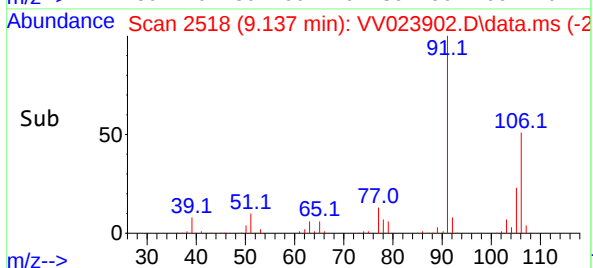
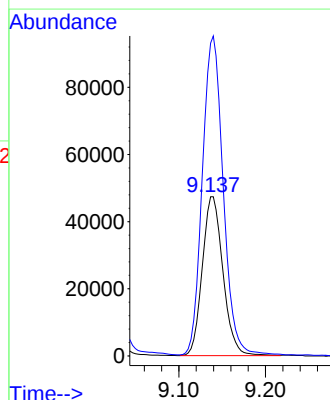
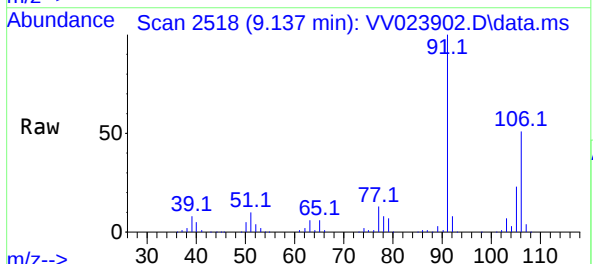
Instrument :
MSVOA_V
ClientSampleId :

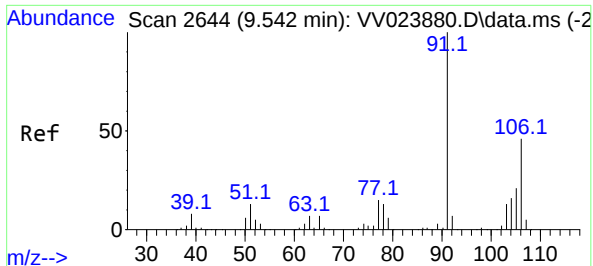
Tgt Ion: 91 Resp: 195216
Ion Ratio Lower Upper
91 100
106 32.1 22.0 41.0



#53
m,p-xylene
Concen: 5.276 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion: 106 Resp: 78337
Ion Ratio Lower Upper
106 100
91 196.6 139.5 259.1

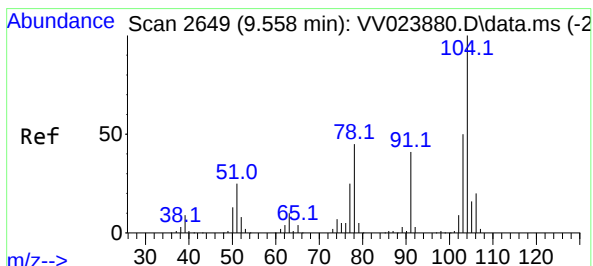
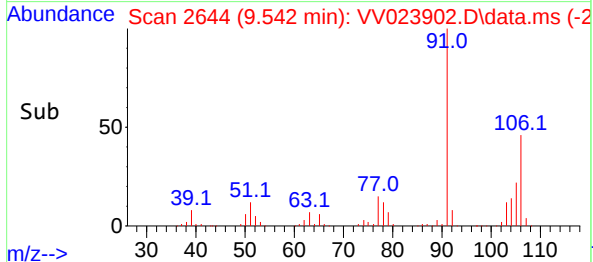
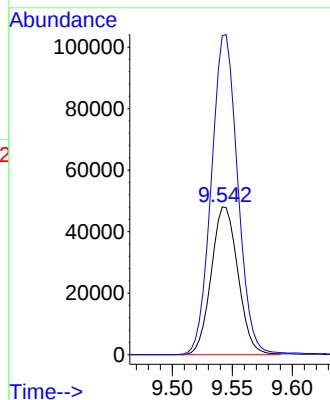
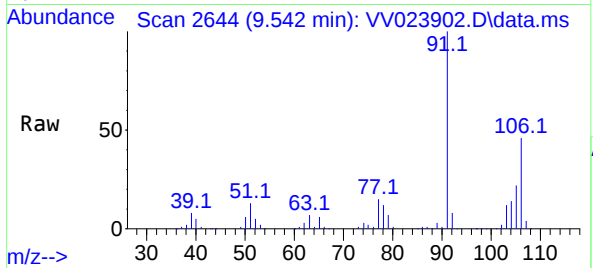




#54
o-xylene
Concen: 5.182 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

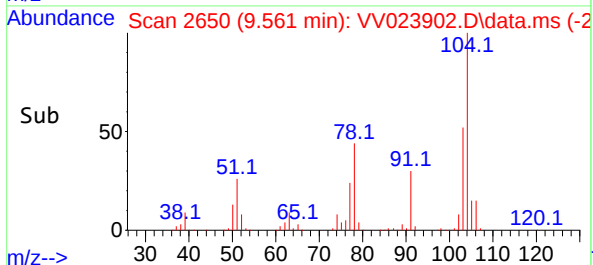
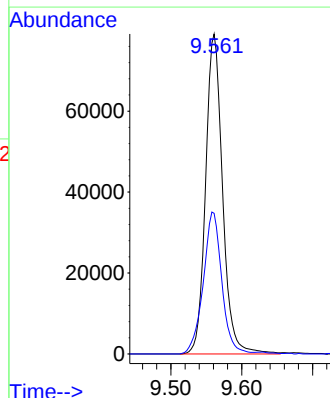
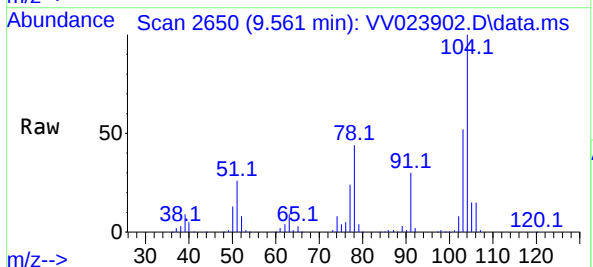
Instrument :
MSVOA_V
ClientSampleId :

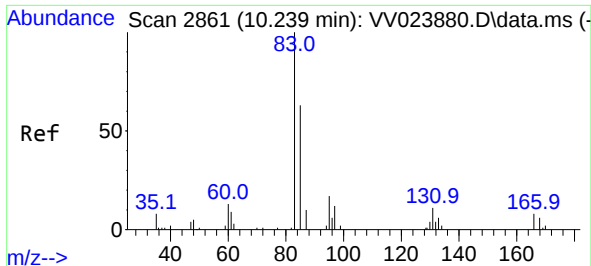
Tgt Ion:106 Resp: 74411
Ion Ratio Lower Upper
106 100
91 216.0 147.9 274.7



#55
Styrene
Concen: 5.509 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion:104 Resp: 131683
Ion Ratio Lower Upper
104 100
78 43.9 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.472 ug/L

RT: 10.243 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

Instrument :

MSVOA_V

ClientSampleId :

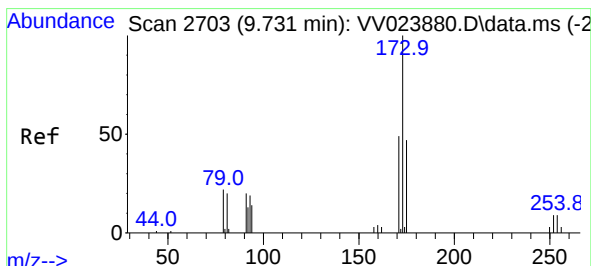
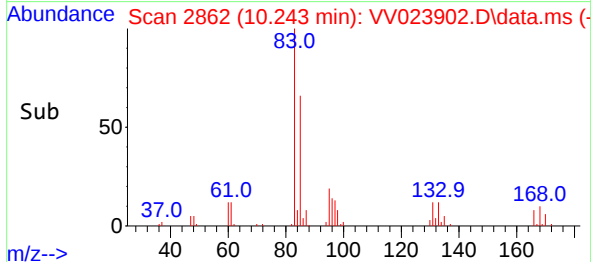
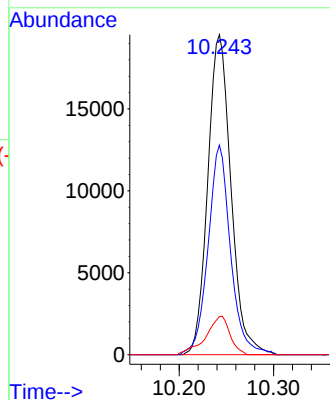
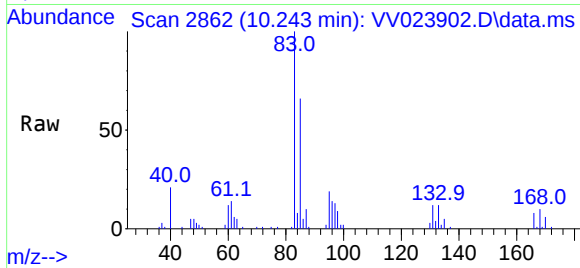
Tgt Ion: 83 Resp: 33313

Ion Ratio Lower Upper

83 100

85 65.5 44.6 82.8

131 11.9 8.3 12.5



#59

Bromoform

Concen: 5.254 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

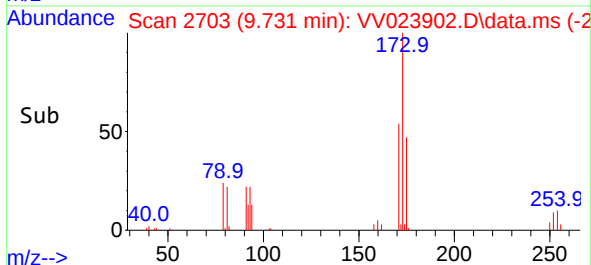
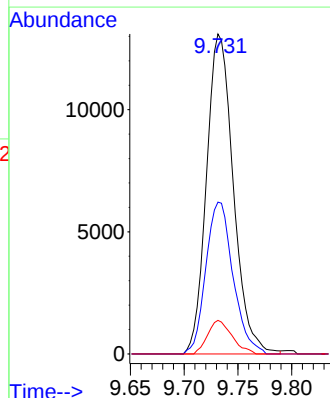
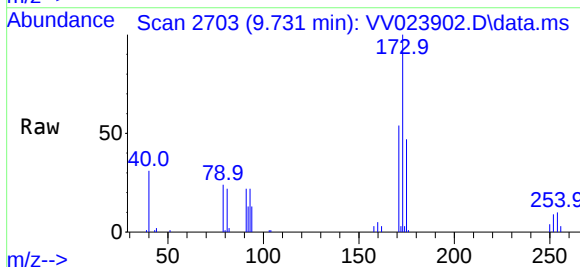
Tgt Ion: 173 Resp: 22762

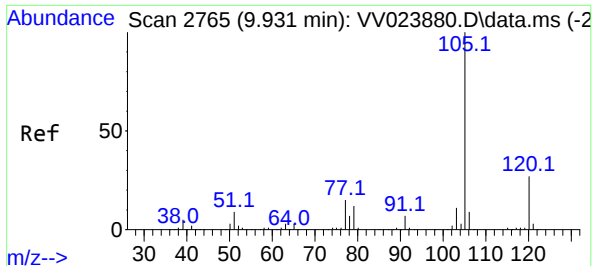
Ion Ratio Lower Upper

173 100

175 48.0 39.4 59.2

254 9.5 7.4 11.0

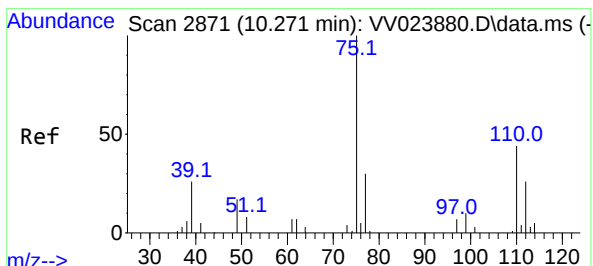
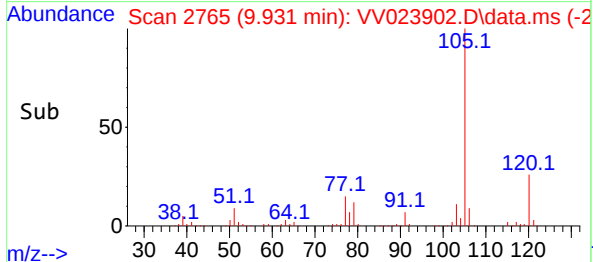
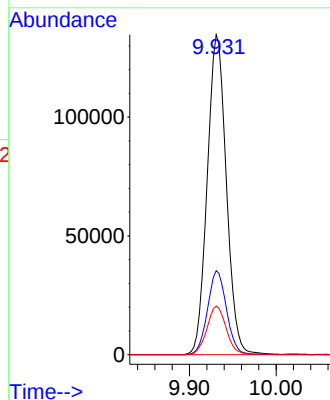
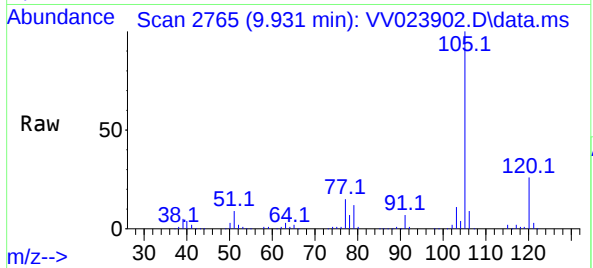




#60
Isopropylbenzene
Concen: 5.211 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

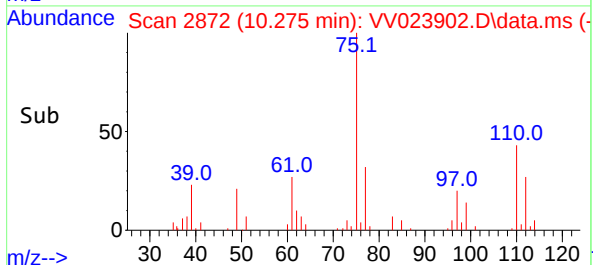
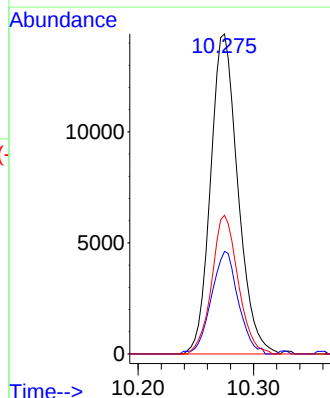
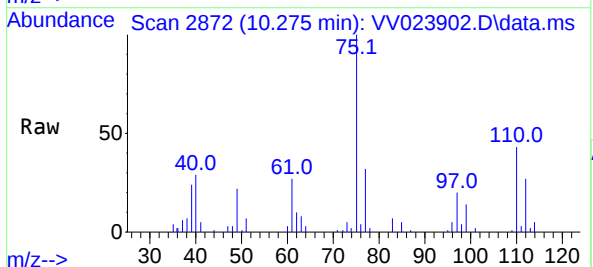
Instrument :
MSVOA_V
ClientSampleId :

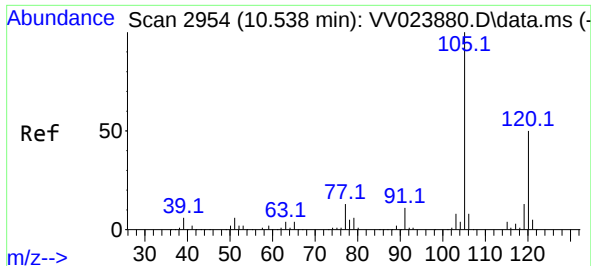
Tgt Ion:105 Resp: 206542
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.148 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion: 75 Resp: 23676
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
110 41.8 34.2 51.2

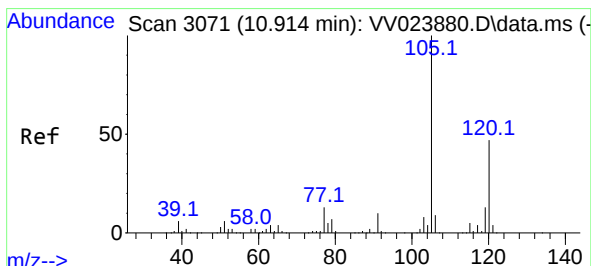
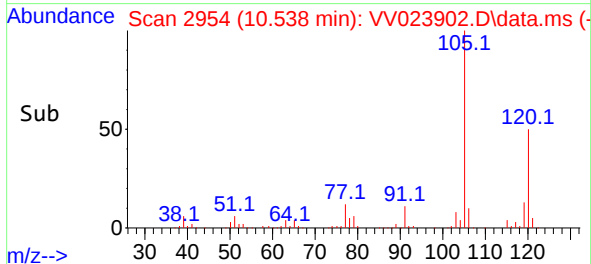
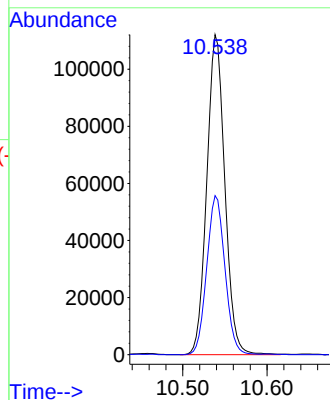
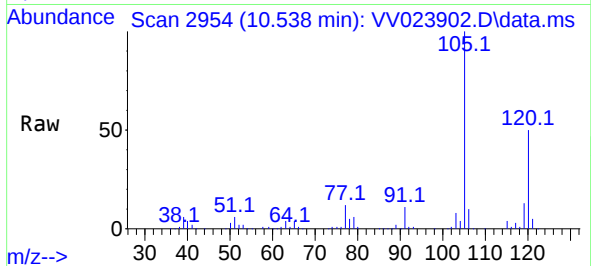




#62
1,3,5-Trimethylbenzene
Concen: 5.083 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

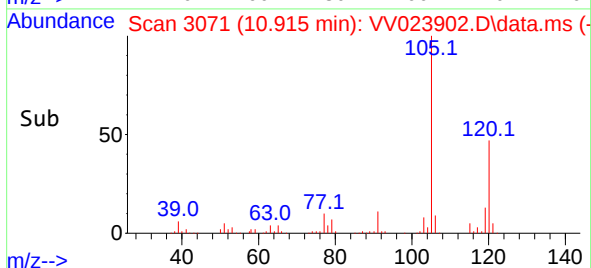
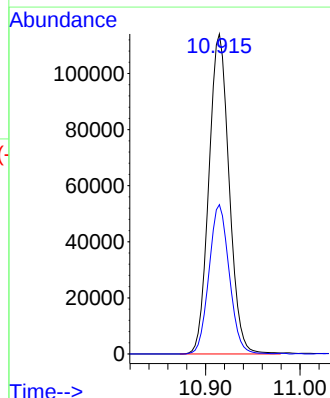
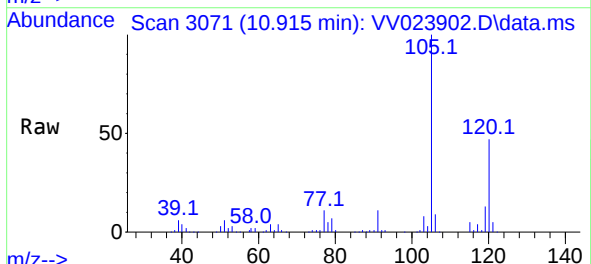
Instrument :
MSVOA_V
ClientSampleId :

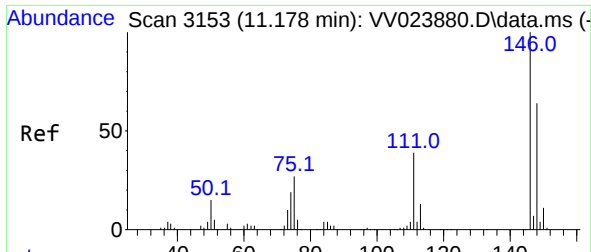
Tgt Ion:105 Resp: 167113
Ion Ratio Lower Upper
105 100
120 50.2 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.183 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

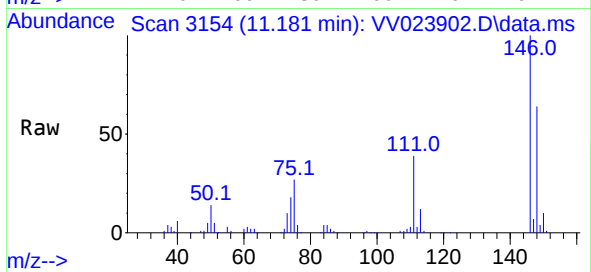
Tgt Ion:105 Resp: 169785
Ion Ratio Lower Upper
105 100
120 46.6 36.7 55.1



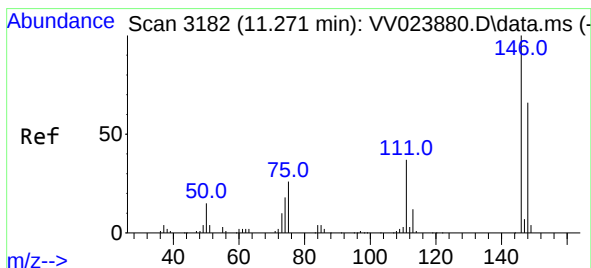
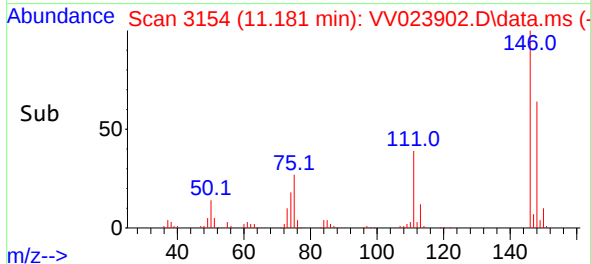
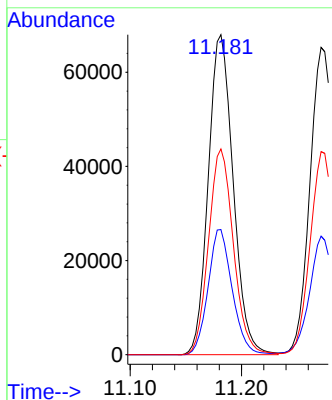


#64
1,3-Dichlorobenzene
Concen: 5.214 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Instrument :
MSVOA_V
ClientSampleId :

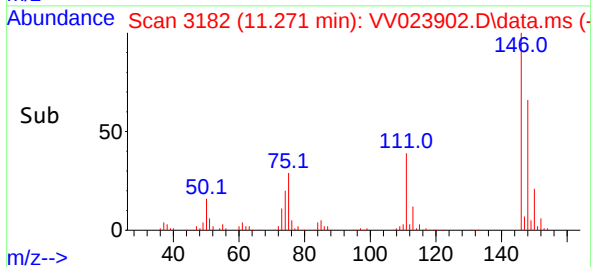
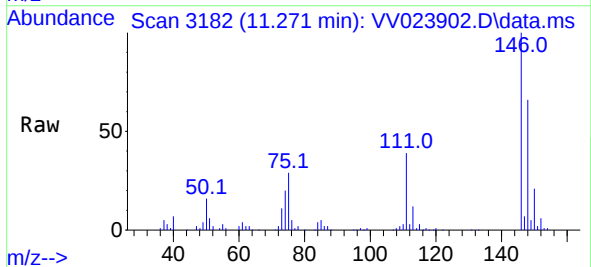
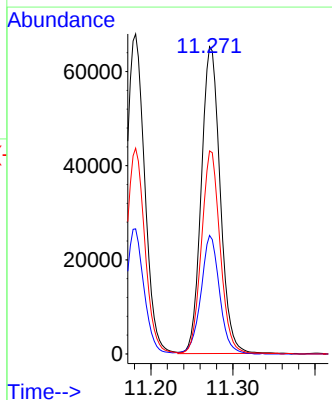


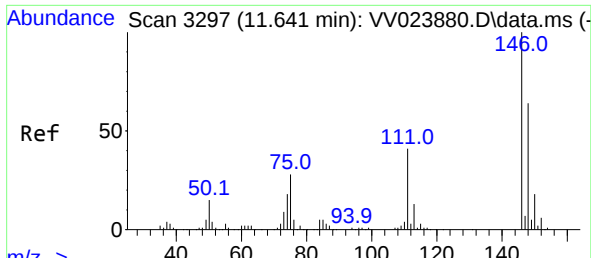
Tgt Ion:146 Resp: 105690
Ion Ratio Lower Upper
146 100
111 39.1 26.3 48.9
148 64.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.133 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion:146 Resp: 104499
Ion Ratio Lower Upper
146 100
111 38.6 25.6 47.6
148 66.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.121 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023902.D

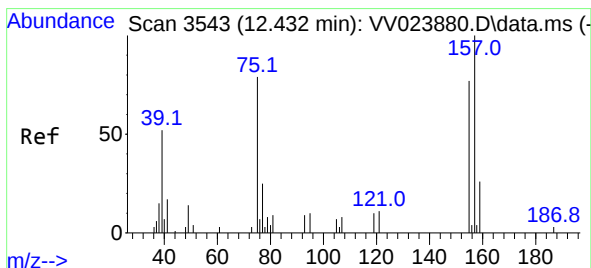
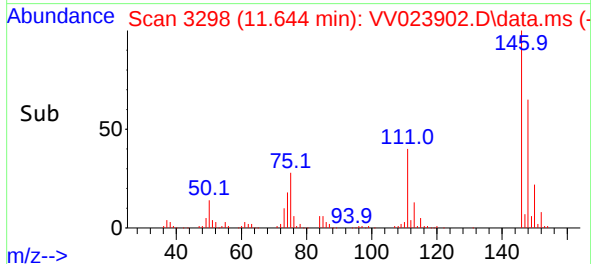
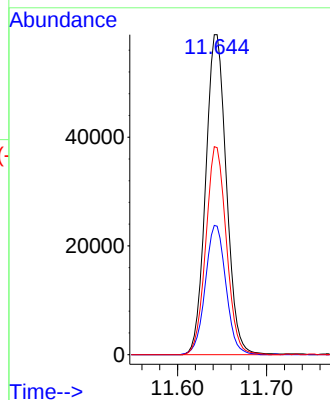
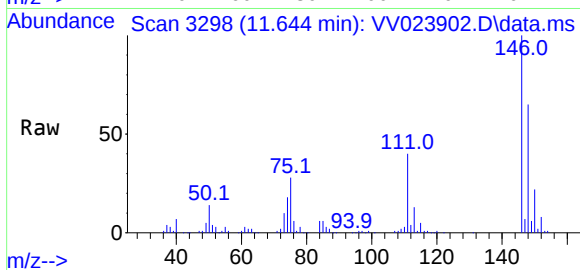
Acq: 10 Dec 2021 21:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:146	Resp:	95105
Ion Ratio	Lower	Upper
146	100	
111	40.1	31.9 47.9
148	64.7	50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.111 ug/L

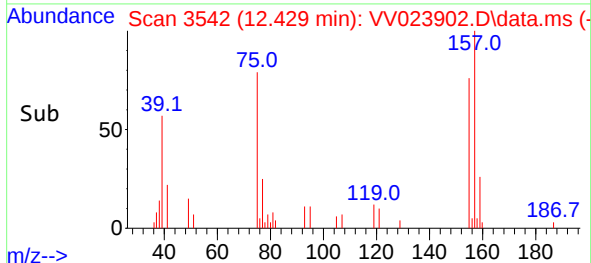
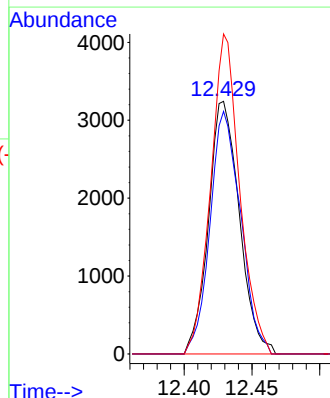
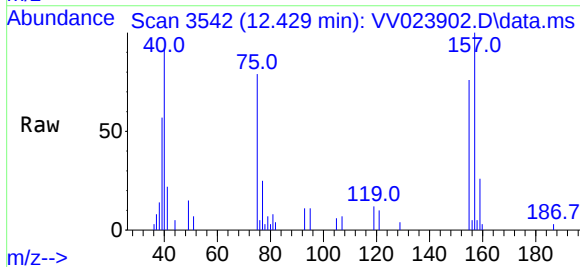
RT: 12.429 min Scan# 3542

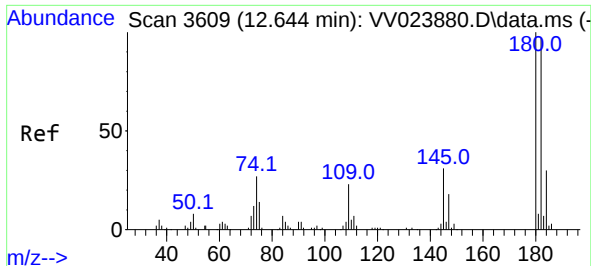
Delta R.T. -0.003 min

Lab File: VV023902.D

Acq: 10 Dec 2021 21:26

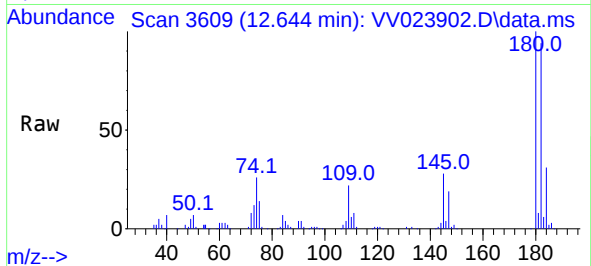
Tgt Ion: 75	Resp:	5134
Ion Ratio	Lower	Upper
75	100	
155	96.0	71.7 107.5
157	126.6	103.3 154.9



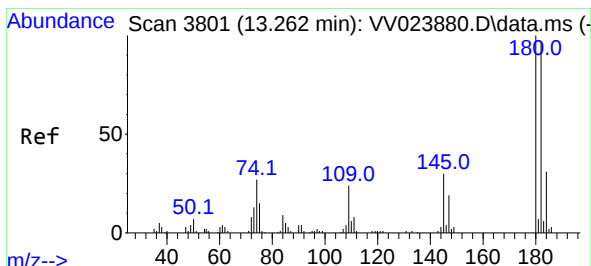
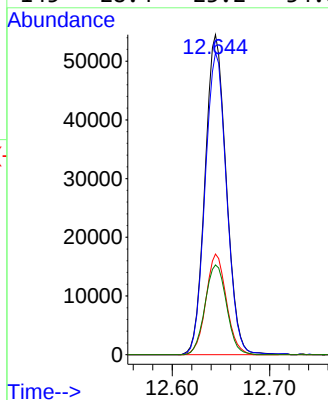
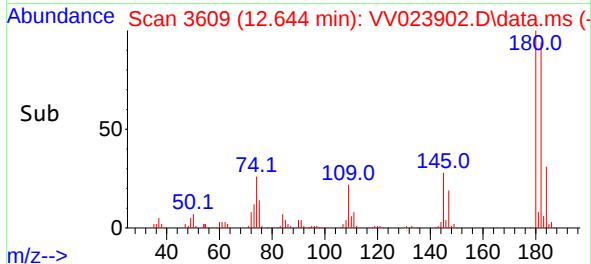


#69
1,3,5-Trichlorobenzene
Concen: 4.949 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

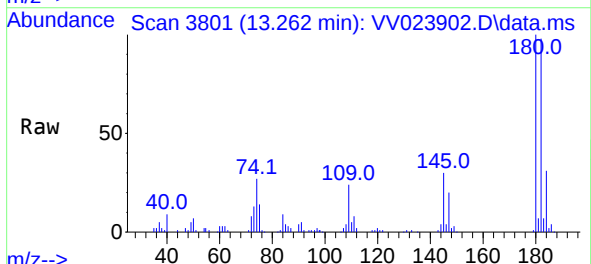
Instrument :
MSVOA_V
ClientSampleId :



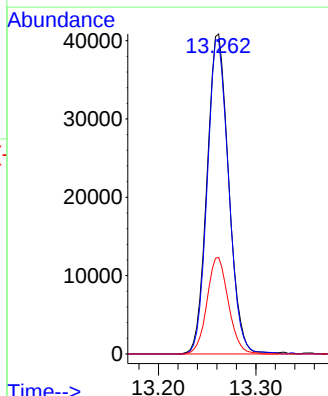
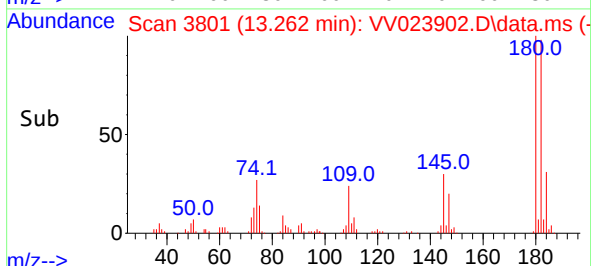
Tgt Ion:180 Resp: 82515
Ion Ratio Lower Upper
180 100
182 95.1 76.4 114.6
184 30.4 24.2 36.4
145 28.4 23.2 34.8

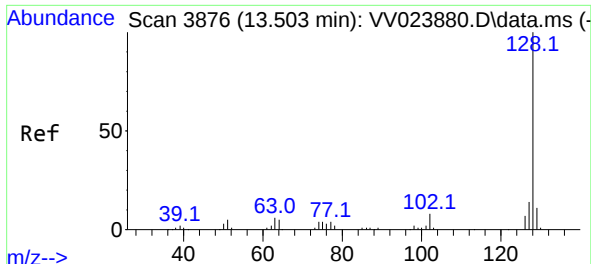


#70
1,2,4-trichlorobenzene
Concen: 4.822 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26



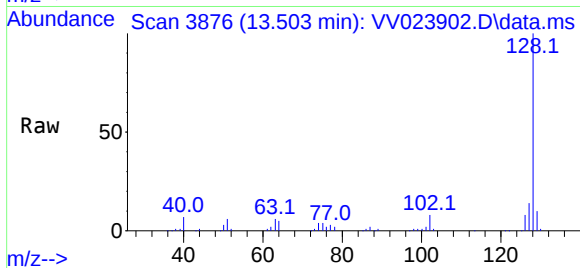
Tgt Ion:180 Resp: 63146
Ion Ratio Lower Upper
180 100
182 96.9 74.4 111.6
145 29.8 23.3 34.9



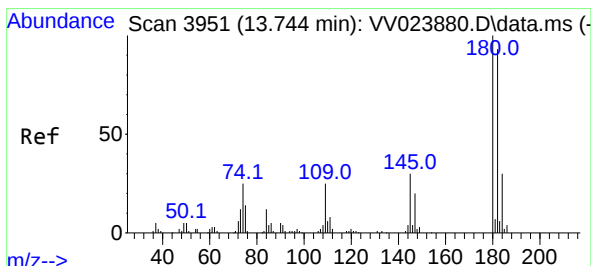
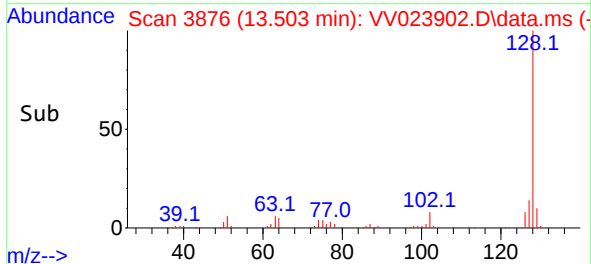
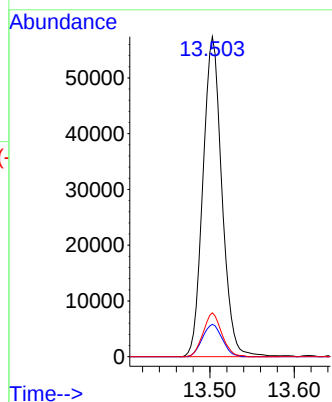


#71
Naphthalene
Concen: 4.780 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 89962
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.066 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023902.D
Acq: 10 Dec 2021 21:26

Tgt Ion:180 Resp: 58572
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 30.7 25.8 38.6

