

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027477.D
 Acq On : 22 Aug 2022 19:02
 Operator : SY/MD
 Sample : N4252-16MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9D5MSD

Quant Time: Aug 23 03:15:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	121522	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67768	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52143	6.029	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 120.600%		
7) Chloroethane-d5	1.568	69	38956	6.154	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 123.000%		
11) 1,1-Dichloroethene-d2	2.111	63	119003	5.901	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 118.000%		
20) 2-Butanone-d5	3.889	46	40428	37.561	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 75.120%		
24) Chloroform-d	4.349	84	87914	5.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
26) 1,2-Dichloroethane-d4	5.034	65	37117	4.961	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.200%		
32) Benzene-d6	5.050	84	157159	4.725	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.600%		
36) 1,2-Dichloropropane-d6	6.069	67	46217	4.779	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 95.600%		
41) Toluene-d8	7.313	98	150753	5.020	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.400%		
43) trans-1,3-Dichloroprop...	7.622	79	15202	4.591	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.800%		
46) 2-Hexanone-d5	8.091	63	54630	50.123	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 100.240%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31391	5.097	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.000%		
66) 1,2-Dichlorobenzene-d4	11.622	152	48631	4.841	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 96.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	66764	5.178	ug/L	100
3) Chloromethane	1.240	50	57929	5.145	ug/L	98
5) Vinyl chloride	1.310	62	1826414	161.127	ug/L	100
6) Bromomethane	1.519	94	36927	6.588	ug/L	99
8) Chloroethane	1.584	64	48492	7.320	ug/L	95
9) Trichlorofluoromethane	1.751	101	102214	5.676	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	58346	5.739	ug/L	97
12) 1,1-Dichloroethene	2.117	96	85146	9.260	ug/L	89
13) Acetone	2.175	43	45120	43.895	ug/L	96
14) Carbon disulfide	2.291	76	136874	5.424	ug/L	99
15) Methyl Acetate	2.436	43	13199	4.637	ug/L #	84
16) Methylene chloride	2.503	84	54258	3.914	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	101274	5.324	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	165560	17.478	ug/L	98
19) 1,1-Dichloroethane	3.188	63	124463	6.347	ug/L	100
21) 2-Butanone	3.976	43	72001	52.634	ug/L	92
22) cis-1,2-Dichloroethene	3.905	96	10664402	1056.420	ug/L	98
23) Bromochloromethane	4.246	128	23070	5.182	ug/L	91
25) Chloroform	4.371	83	109000	5.112	ug/L	99

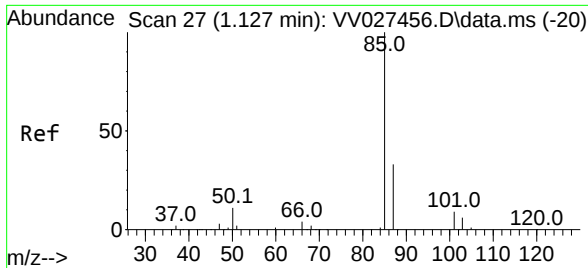
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	59303	5.473	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	107522	5.833	ug/L	99
30) Cyclohexane	4.674	56	77990	5.512	ug/L	91
31) Carbon tetrachloride	4.828	117	86126	5.373	ug/L	98
33) Benzene	5.098	78	222375	5.570	ug/L	100
34) Trichloroethene	5.911	95	5630047	535.846	ug/L	98
35) Methylcyclohexane	6.130	83	85997	5.819	ug/L	94
37) 1,2-Dichloropropane	6.172	63	54309	5.102	ug/L	99
38) Bromodichloromethane	6.510	83	73092	5.416	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	67149	5.232	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	259417	54.547	ug/L	97
42) Toluene	7.387	91	236145	5.730	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	59012	5.439	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	37452	5.504	ug/L	95
47) Tetrachloroethene	7.972	164	44626	5.452	ug/L	96
48) 2-Hexanone	8.140	43	185588	54.156	ug/L	97
49) Dibromochloromethane	8.243	129	48010	5.737	ug/L	100
50) 1,2-Dibromoethane	8.352	107	34164	5.752	ug/L #	95
51) Chlorobenzene	8.879	112	144330	5.411	ug/L	99
52) Ethylbenzene	9.011	91	233024	5.540	ug/L	99
53) m,p-Xylene	9.136	106	90735	5.637	ug/L	99
54) o-Xylene	9.542	106	86992	5.571	ug/L	100
55) Styrene	9.561	104	154619	5.821	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	44139	5.758	ug/L	98
59) Bromoform	9.731	173	24050	5.295	ug/L	98
60) Isopropylbenzene	9.931	105	239513	5.371	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	30126	5.067	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	63912	5.169	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	180396	5.178	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	125379	5.707	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	121646	5.554	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	111359	5.591	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	7193	5.446	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	87687	5.347	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	64173	5.385	ug/L	99
71) Naphthalene	13.500	128	90319	5.490	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	58452	5.523	ug/L	99

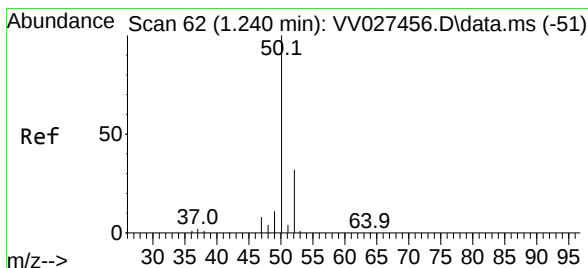
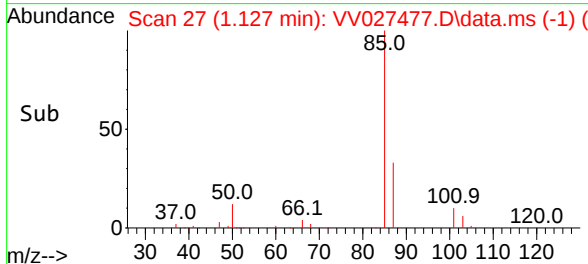
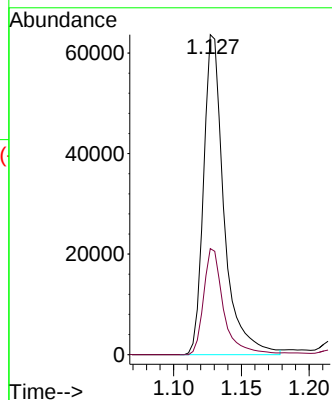
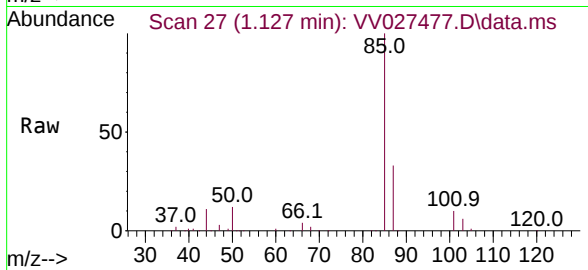
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#2
 Dichlorodifluoromethane
 Concen: 5.178 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027477.D
 Acq: 22 Aug 2022 19:02

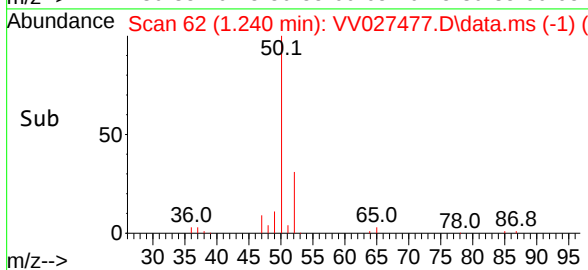
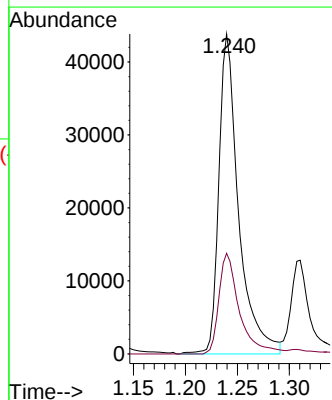
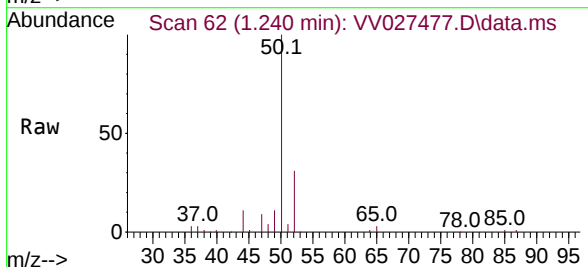
Instrument :
 MSVOA_V
 ClientSampleId :
 EX9D5MSD

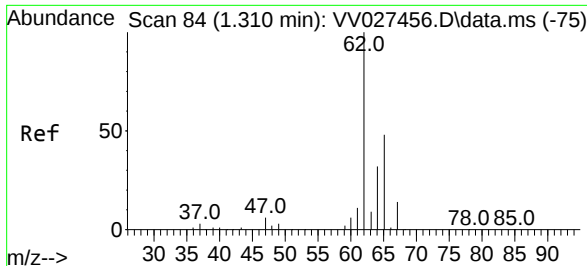
Tgt Ion: 85 Resp: 66764
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 5.145 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027477.D
 Acq: 22 Aug 2022 19:02

Tgt Ion: 50 Resp: 57929
 Ion Ratio Lower Upper
 50 100
 52 31.4 22.8 42.4

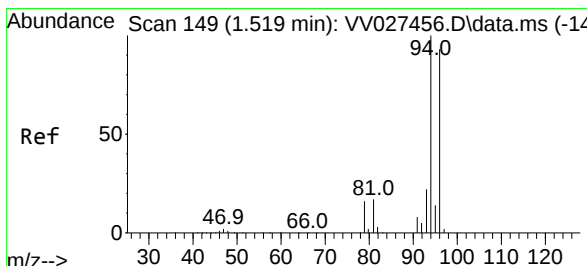
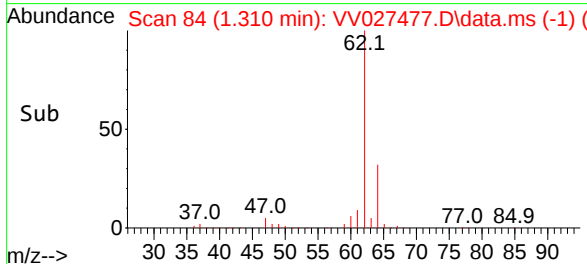
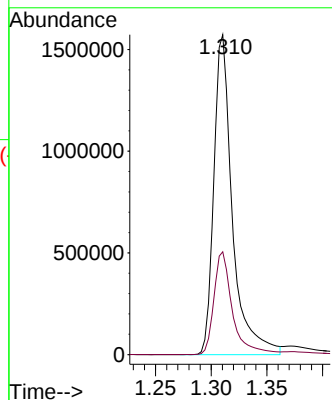
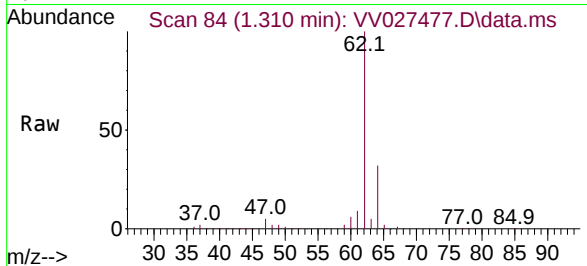




#5
 Vinyl chloride
 Concen: 161.127 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027477.D
 Acq: 22 Aug 2022 19:02

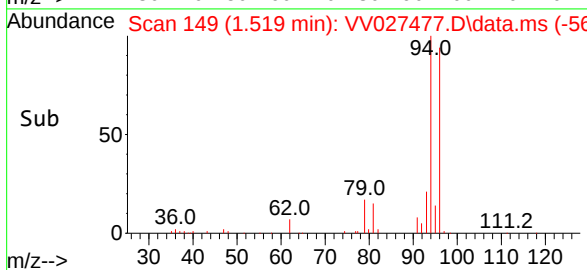
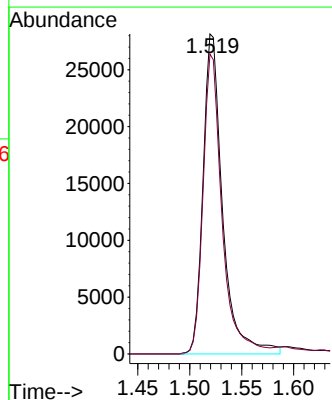
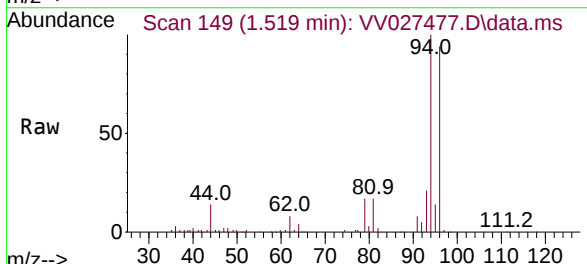
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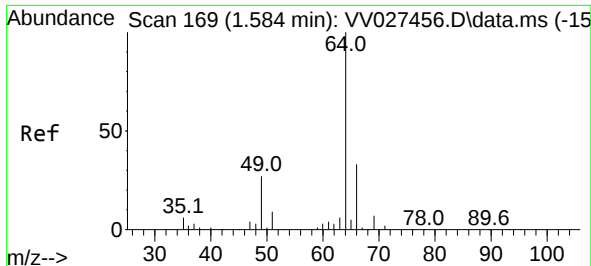
Tgt Ion: 62 Resp: 1826414
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.6 42.0



#6
 Bromomethane
 Concen: 6.588 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV027477.D
 Acq: 22 Aug 2022 19:02

Tgt Ion: 94 Resp: 36927
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.2 121.0

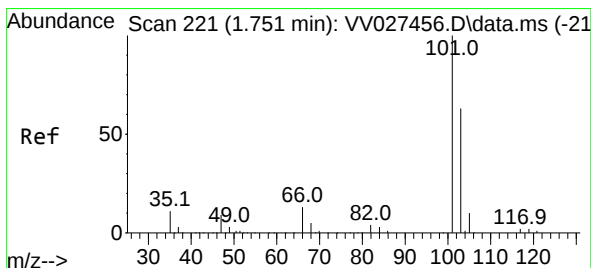
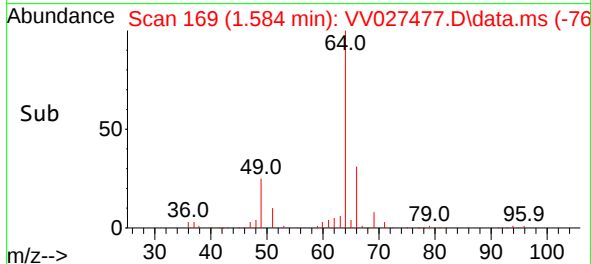
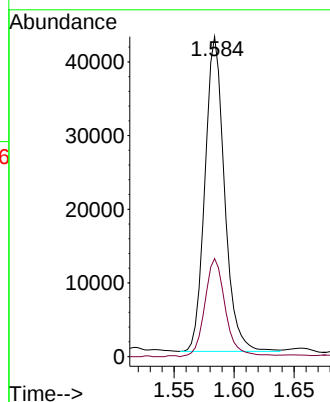
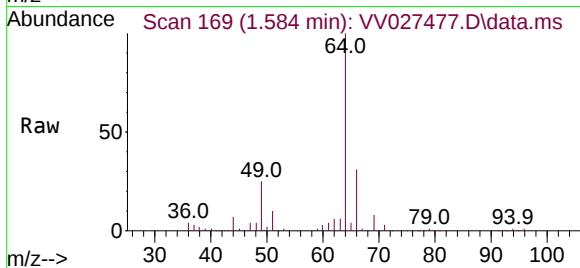




#8
Chloroethane
Concen: 7.320 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

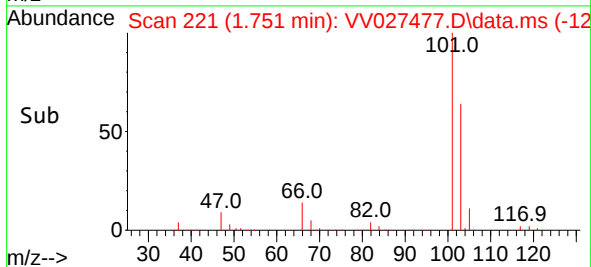
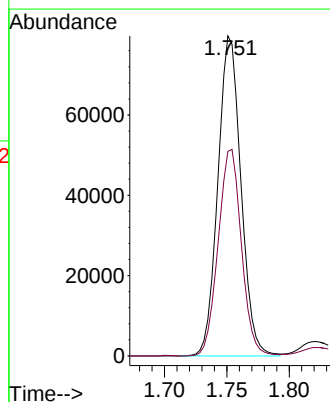
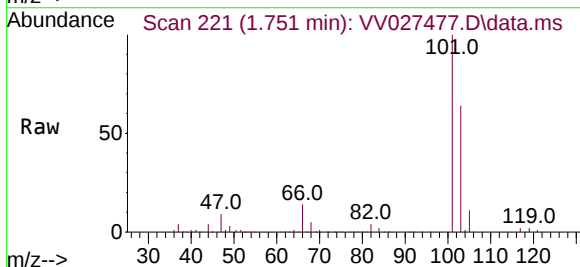
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EX9D5MSD

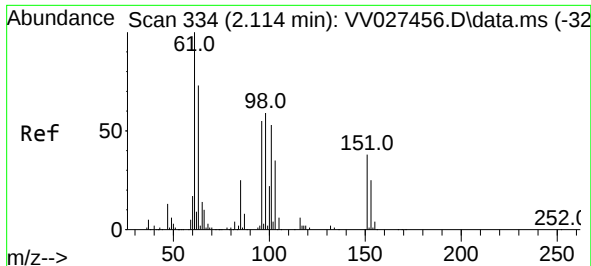
Tgt Ion: 64 Resp: 48492
Ion Ratio Lower Upper
64 100
66 30.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.676 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion:101 Resp: 102214
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.739 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

EX9D5MSD

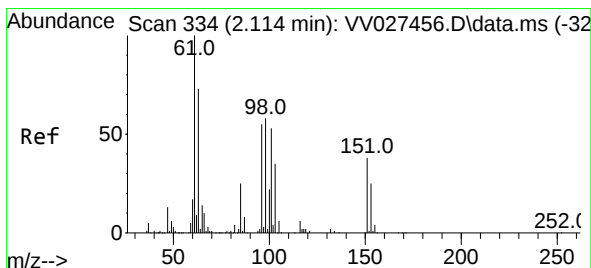
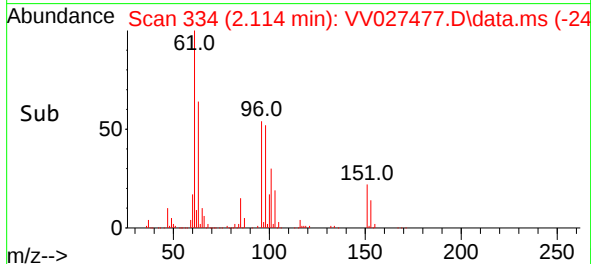
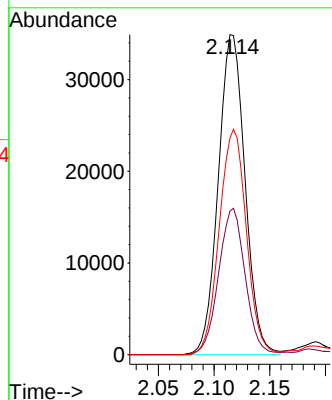
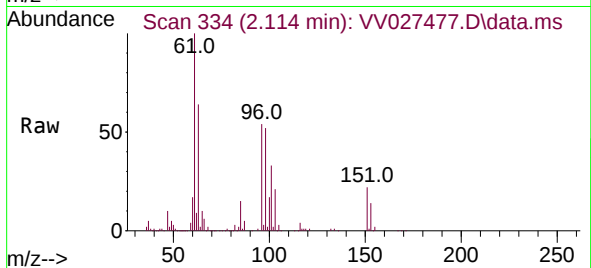
Tgt Ion:101 Resp: 58346

Ion Ratio Lower Upper

101 100

85 45.4 35.3 52.9

151 71.4 55.2 82.8



#12

1,1-Dichloroethene

Concen: 9.260 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

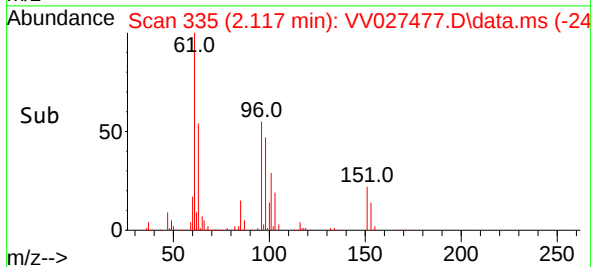
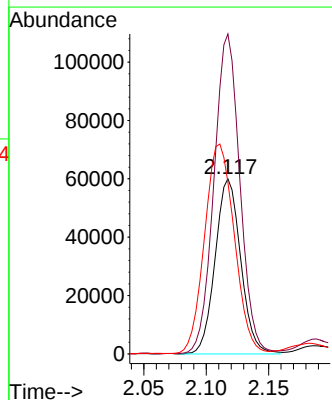
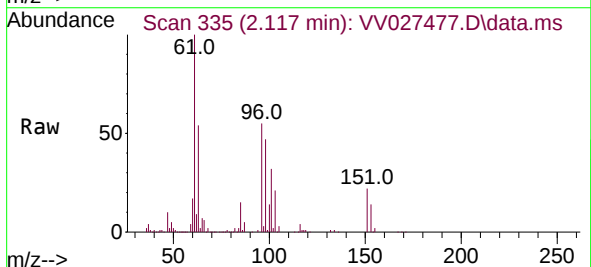
Tgt Ion: 96 Resp: 85146

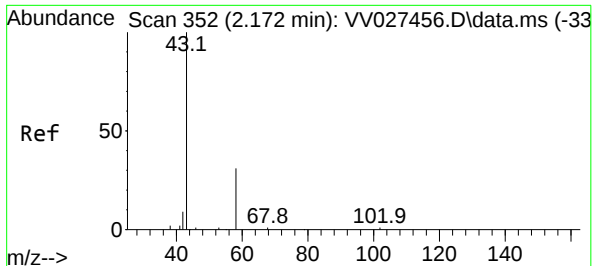
Ion Ratio Lower Upper

96 100

61 182.8 130.2 241.8

63 98.0 87.4 162.4





#13

Acetone

Concen: 43.895 ug/L

RT: 2.175 min Scan# 352

Delta R.T. 0.003 min

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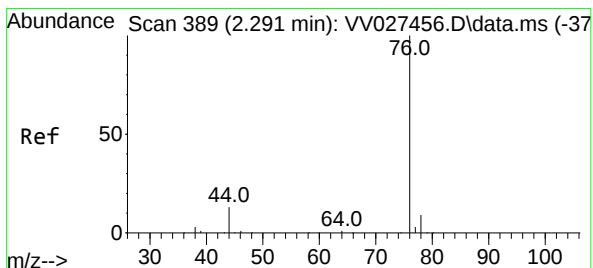
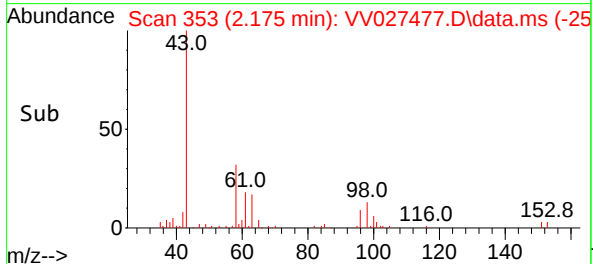
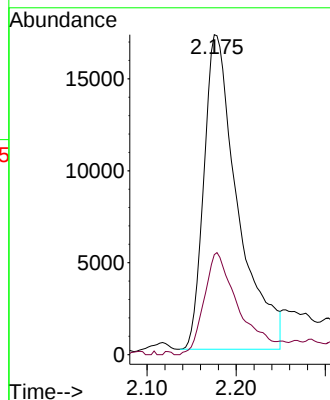
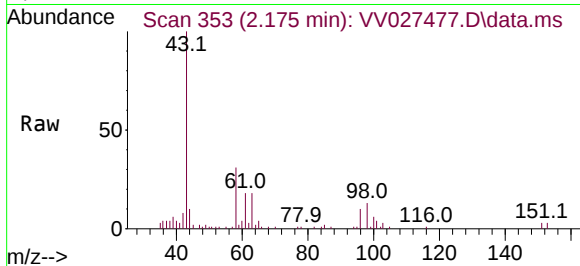
EX9D5MSD

Tgt Ion: 43 Resp: 45120

Ion Ratio Lower Upper

43 100

58 33.2 0.0 62.2



#14

Carbon disulfide

Concen: 5.424 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV027477.D

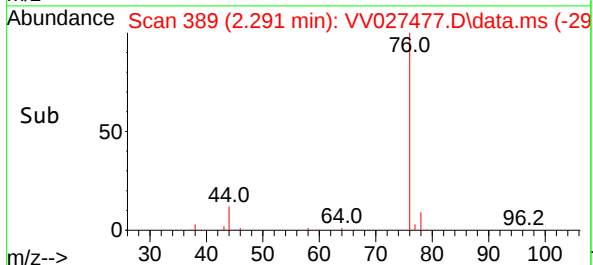
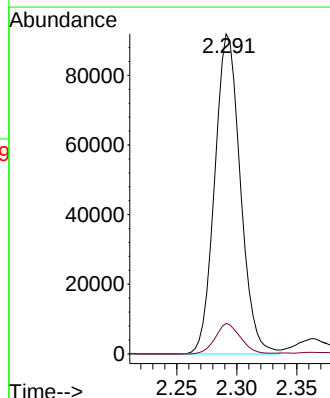
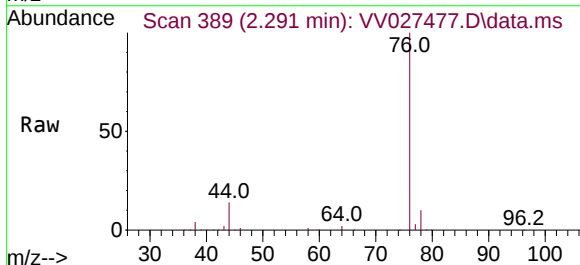
Acq: 22 Aug 2022 19:02

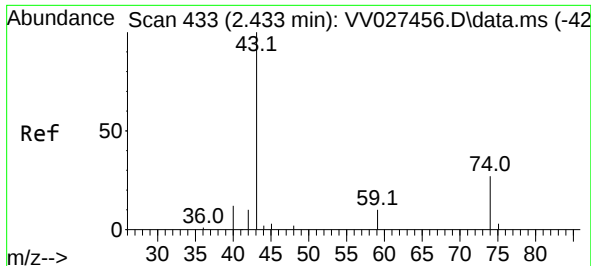
Tgt Ion: 76 Resp: 136874

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

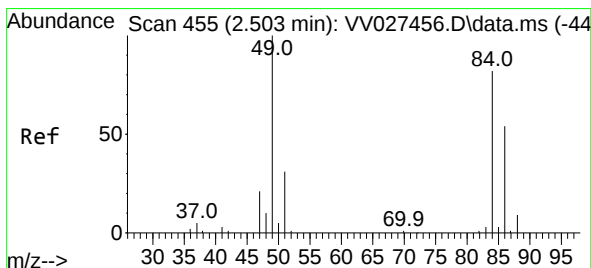
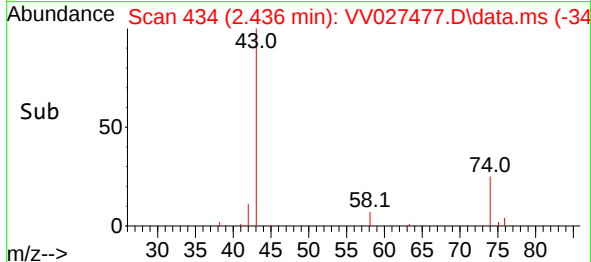
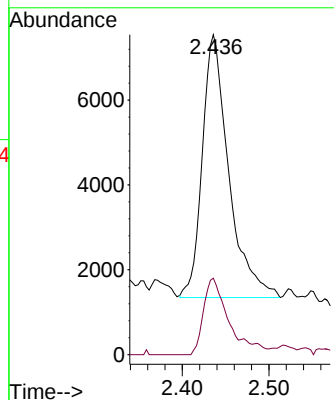
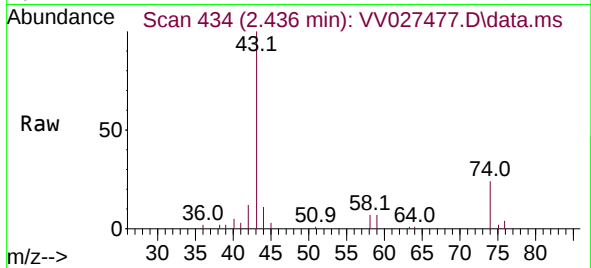




#15
Methyl Acetate
Concen: 4.637 ug/L
RT: 2.436 min Scan# 433
Delta R.T. 0.003 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

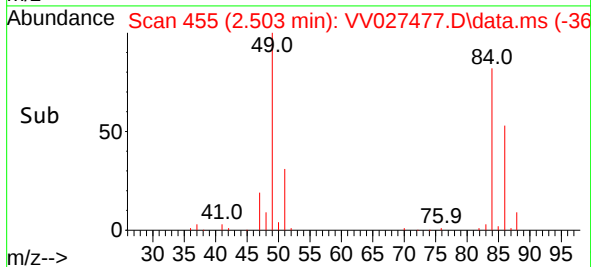
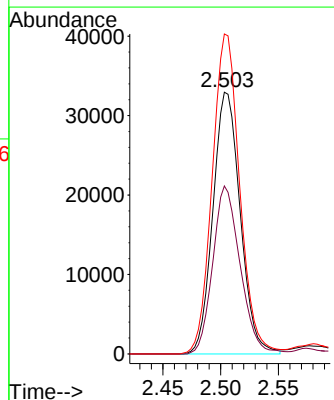
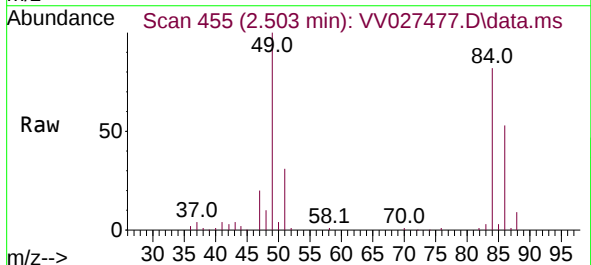
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

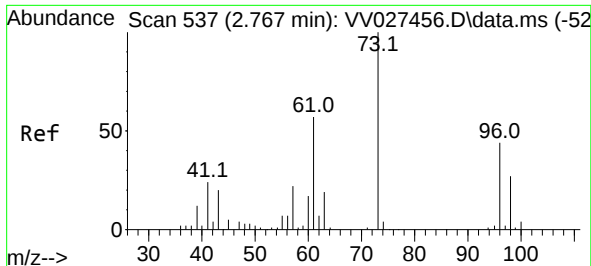
Tgt Ion: 43 Resp: 13199
Ion Ratio Lower Upper
43 100
74 28.0 16.3 24.5#



#16
Methylene chloride
Concen: 3.914 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion: 84 Resp: 54258
Ion Ratio Lower Upper
84 100
86 64.2 44.0 81.6
49 122.3 89.4 166.0

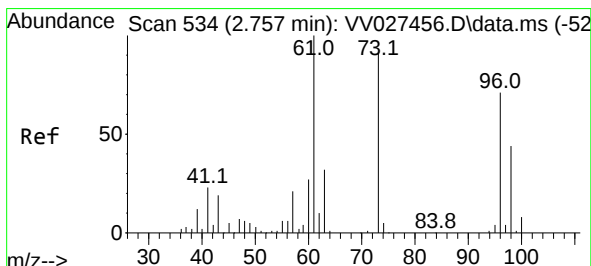
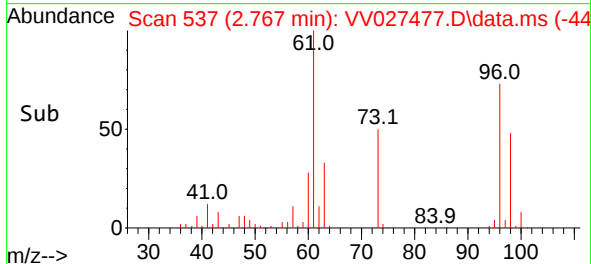
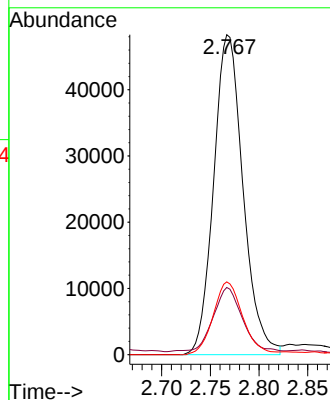
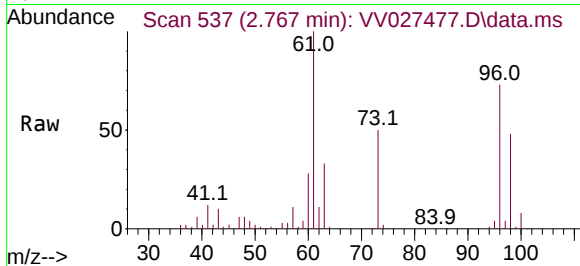




#17
Methyl tert-butyl Ether
Concen: 5.324 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

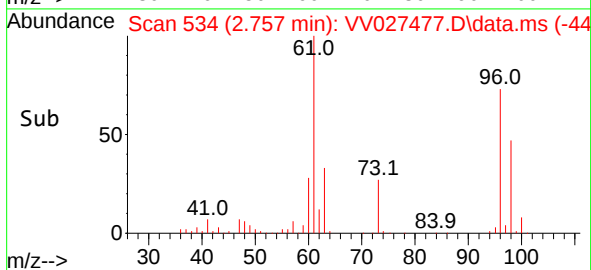
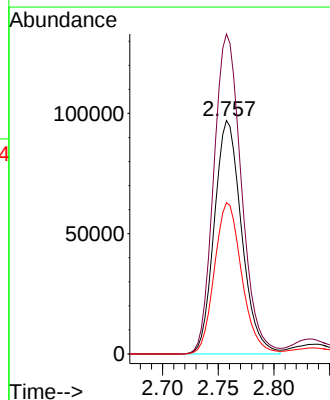
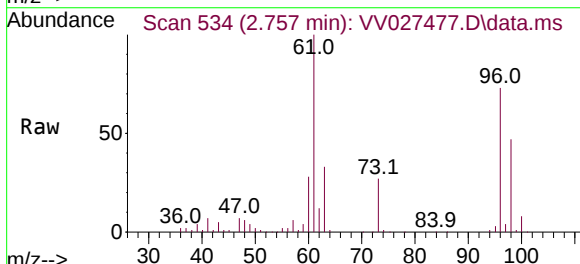
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

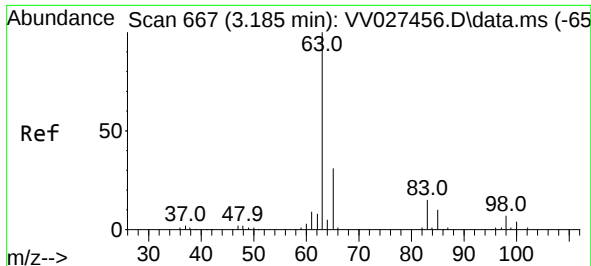
Tgt Ion:	73	Resp:	101274
Ion	Ratio	Lower	Upper
73	100		
43	20.1	15.6	23.4
57	22.9	17.0	25.6



#18
trans-1,2-Dichloroethene
Concen: 17.478 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion:	96	Resp:	165560
Ion	Ratio	Lower	Upper
96	100		
61	137.1	97.6	181.4
98	64.7	45.9	85.3

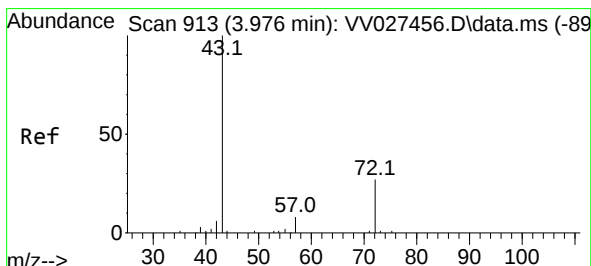
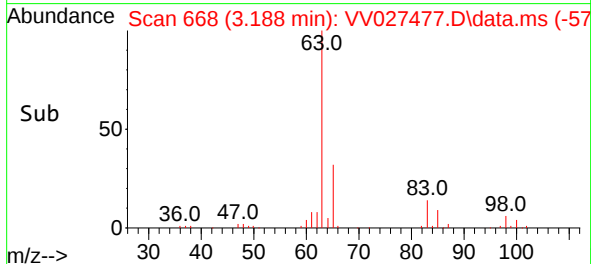
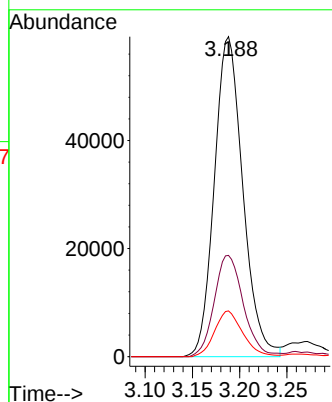
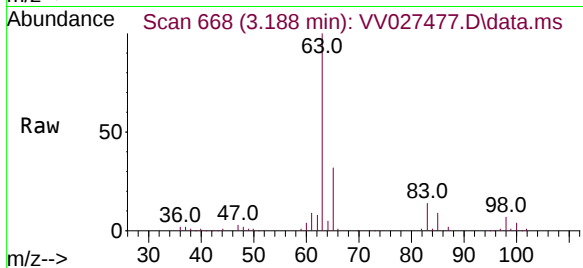




#19
1,1-Dichloroethane
Concen: 6.347 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

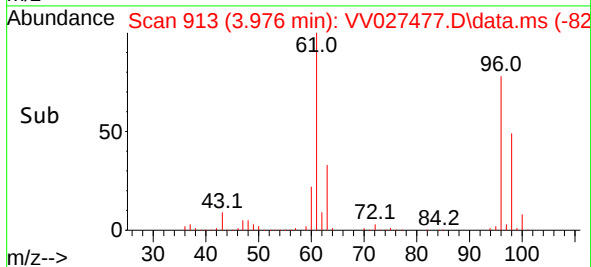
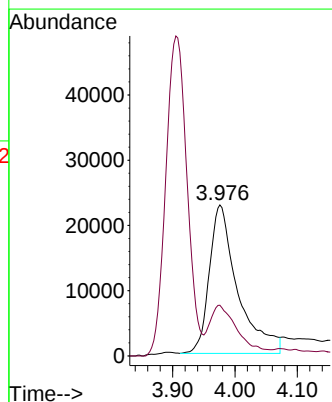
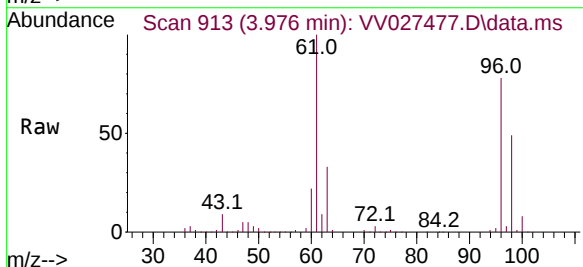
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

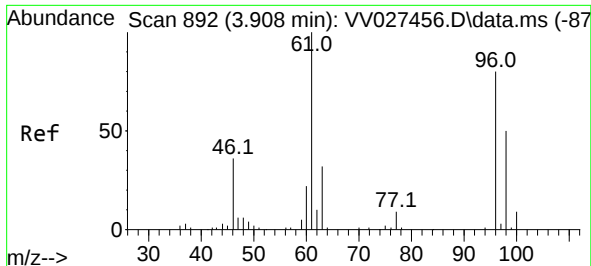
Tgt Ion: 63 Resp: 124463
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 14.3 9.6 17.8



#21
2-Butanone
Concen: 52.634 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion: 43 Resp: 72001
Ion Ratio Lower Upper
43 100
72 28.2 12.0 36.1

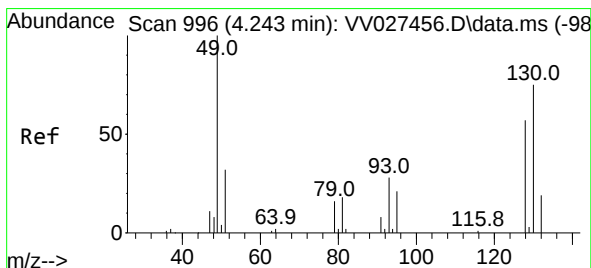
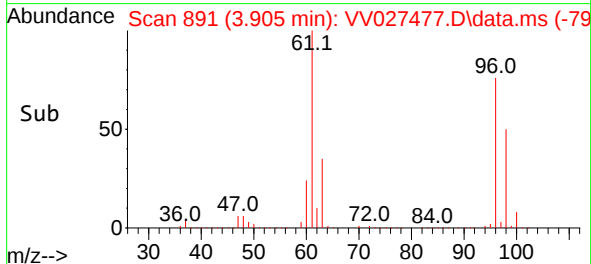
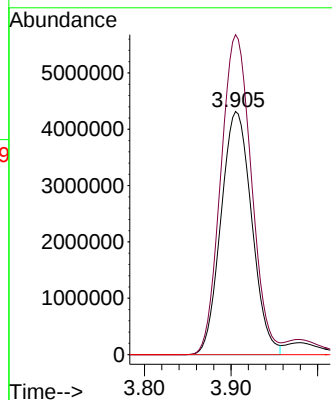
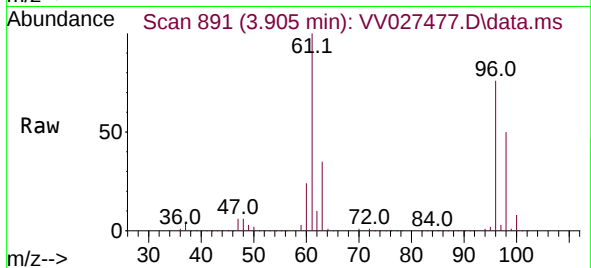




#22
 cis-1,2-Dichloroethene
 Concen: 1056.420 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV027477.D
 Acq: 22 Aug 2022 19:02

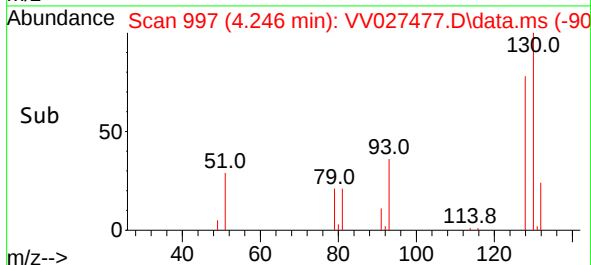
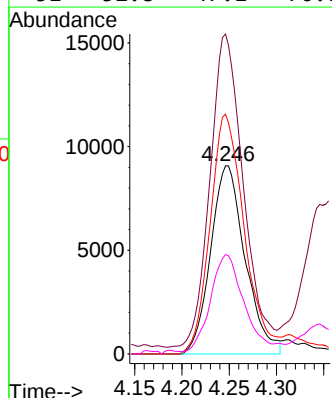
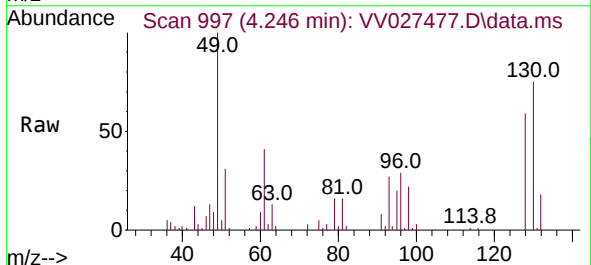
Instrument :
 MSVOA_V
 ClientSampleId :
 EX9D5MSD

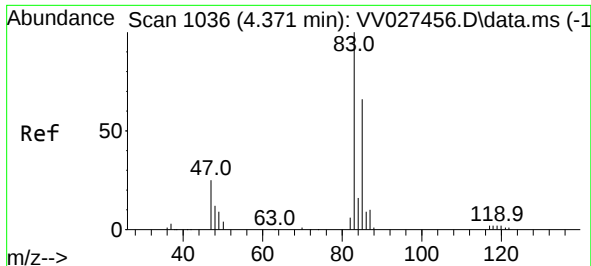
Tgt Ion: 96 Resp:10664402
 Ion Ratio Lower Upper
 96 100
 61 131.6 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.182 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV027477.D
 Acq: 22 Aug 2022 19:02

Tgt Ion:128 Resp: 23070
 Ion Ratio Lower Upper
 128 100
 49 170.2 127.5 236.7
 130 127.5 97.0 180.2
 51 52.8 47.1 70.7

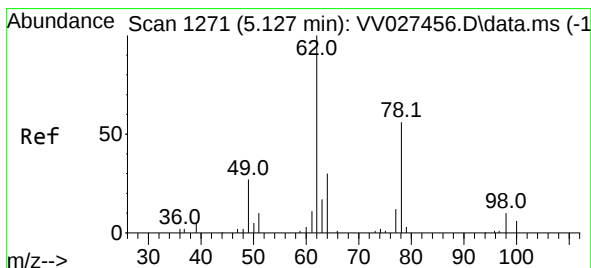
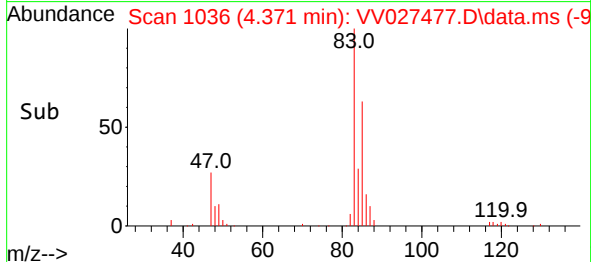
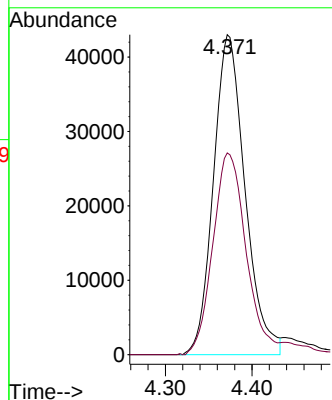
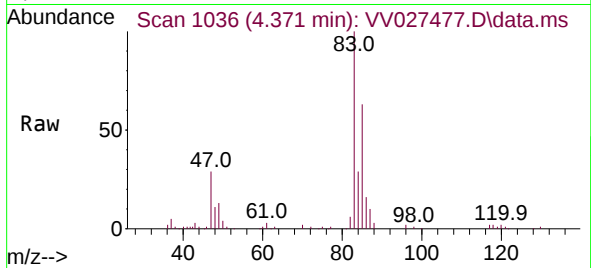




#25
Chloroform
Concen: 5.112 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

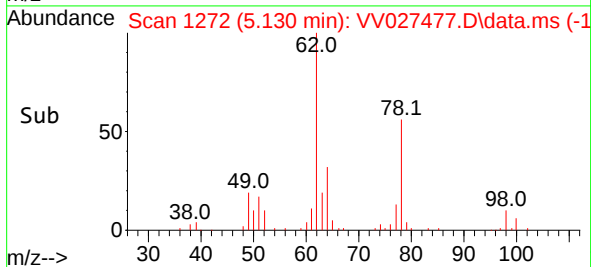
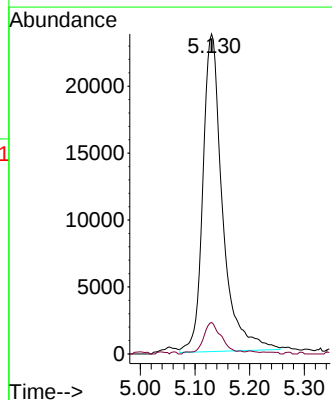
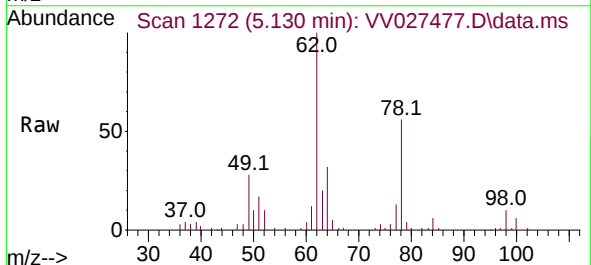
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

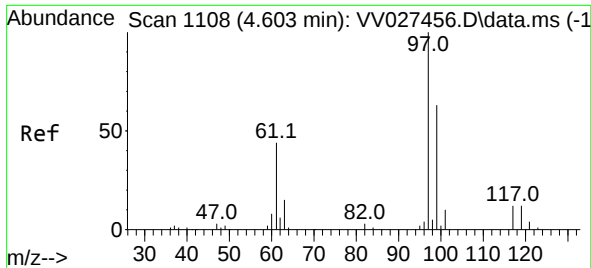
Tgt Ion: 83 Resp: 109000
Ion Ratio Lower Upper
83 100
85 63.0 43.3 80.5



#27
1,2-Dichloroethane
Concen: 5.473 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion: 62 Resp: 59303
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.833 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

EX9D5MSD

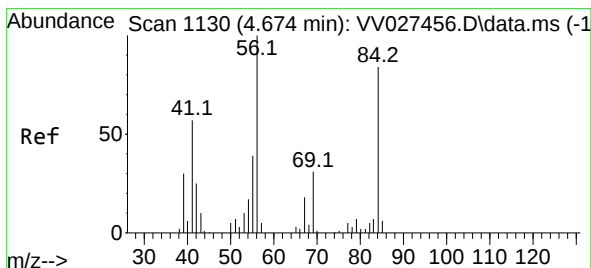
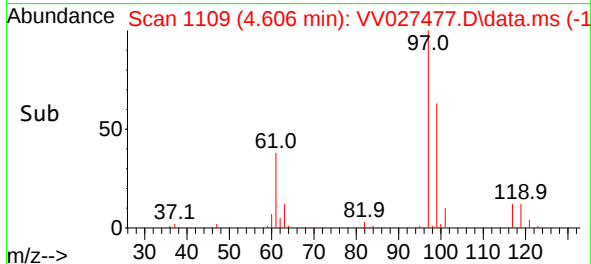
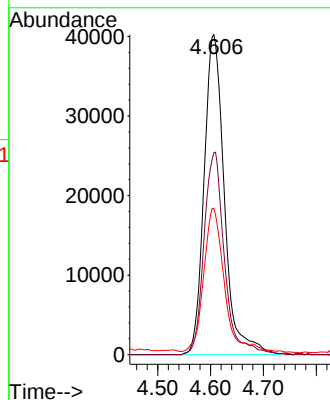
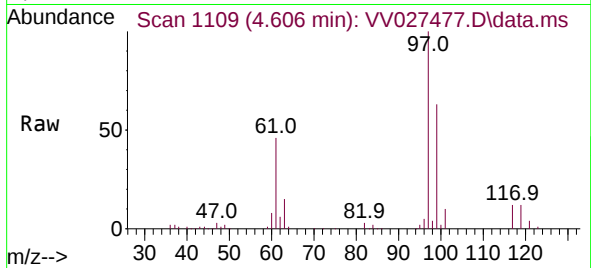
Tgt Ion: 97 Resp: 107522

Ion Ratio Lower Upper

97 100

99 63.7 51.1 76.7

61 43.7 35.9 53.9



#30

Cyclohexane

Concen: 5.512 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

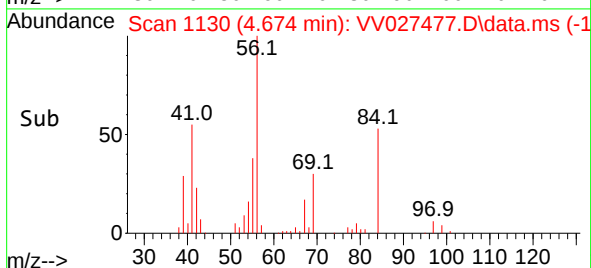
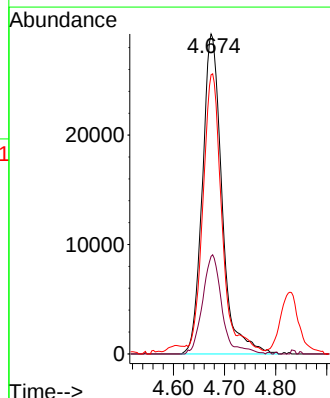
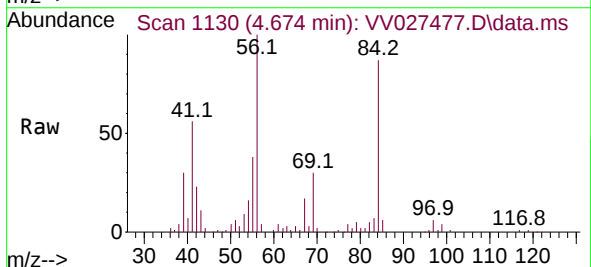
Tgt Ion: 56 Resp: 77990

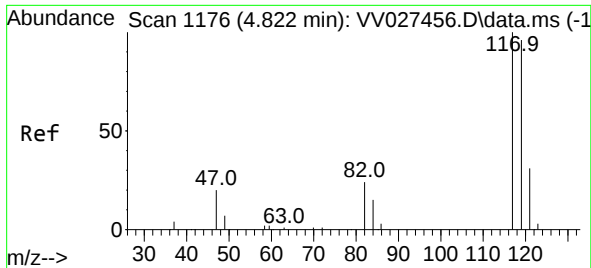
Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.0

84 76.4 69.7 104.5

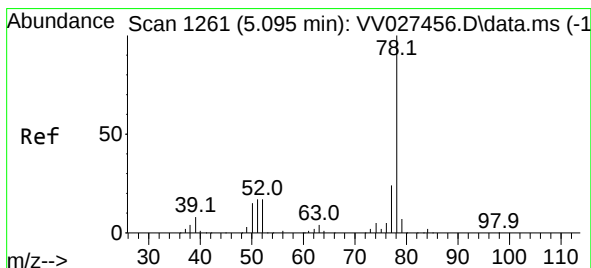
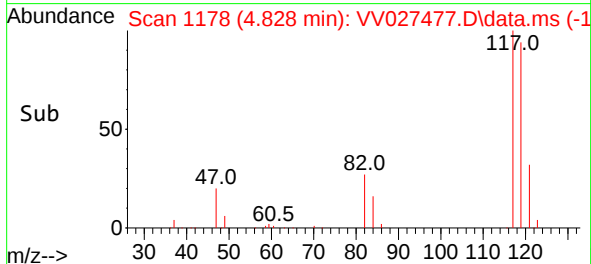
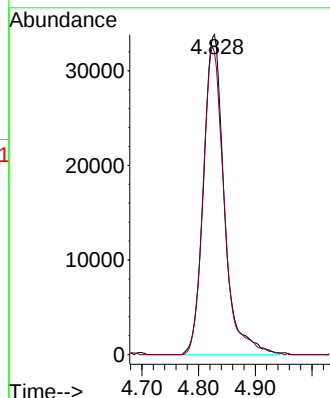
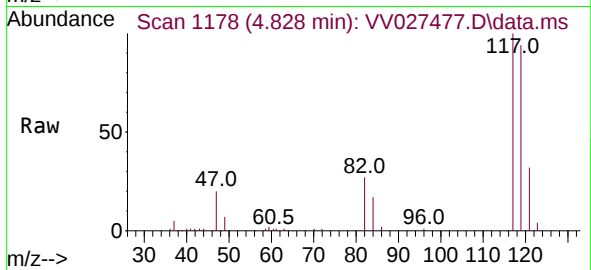




#31
Carbon tetrachloride
Concen: 5.373 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

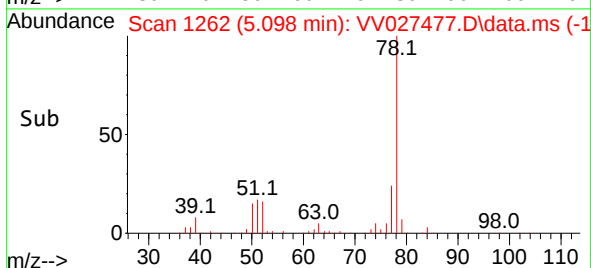
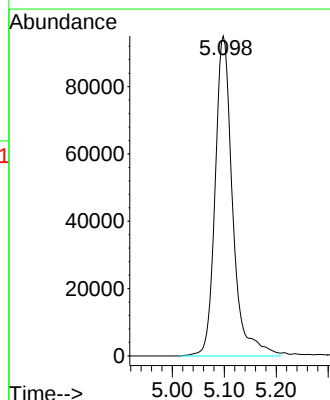
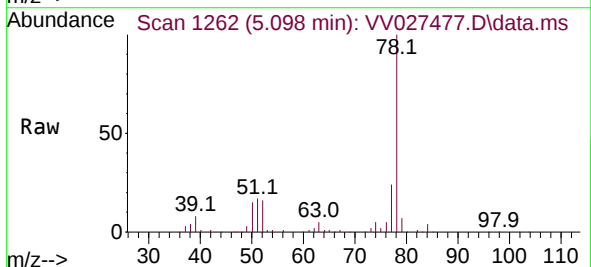
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

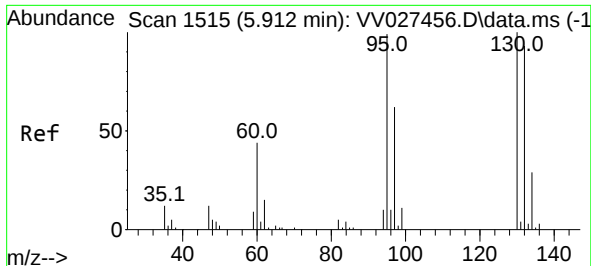
Tgt Ion:117 Resp: 86126
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1



#33
Benzene
Concen: 5.570 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion: 78 Resp: 222375





#34

Trichloroethene

Concen: 535.846 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

EX9D5MSD

Tgt Ion: 95 Resp: 5630047

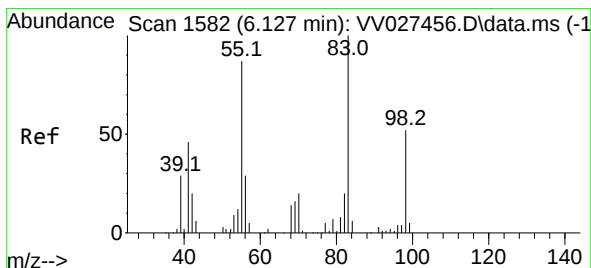
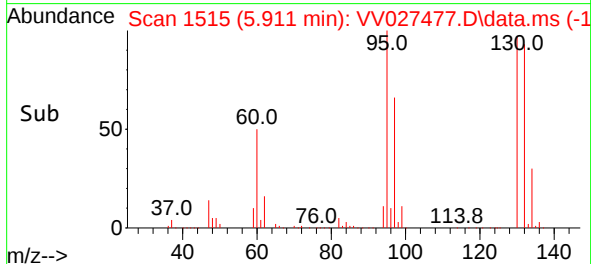
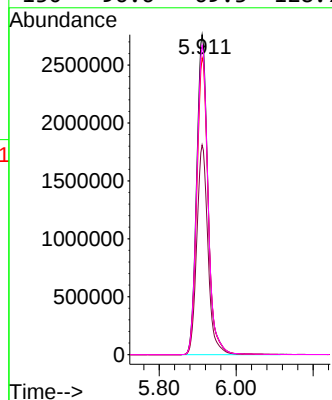
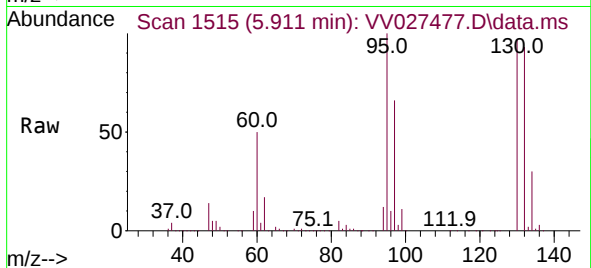
Ion Ratio Lower Upper

95 100

97 65.5 45.0 83.6

132 92.8 65.7 121.9

130 96.6 69.3 128.7



#35

Methylcyclohexane

Concen: 5.819 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

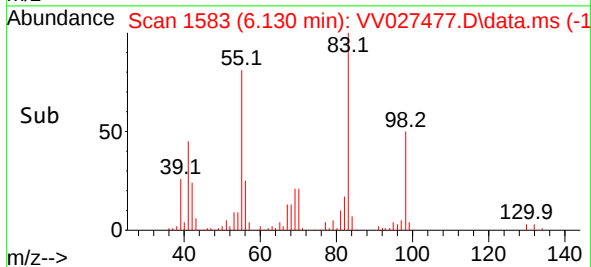
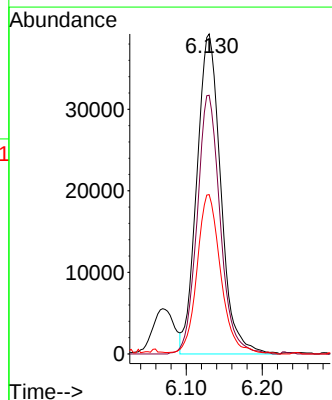
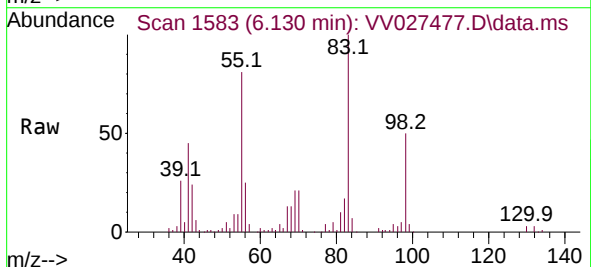
Tgt Ion: 83 Resp: 85997

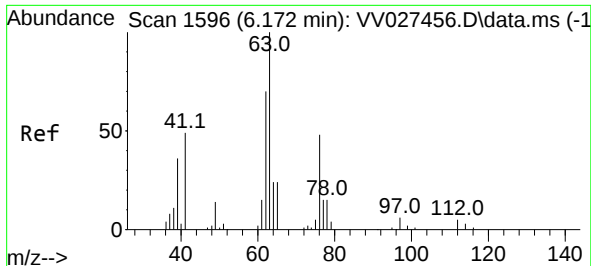
Ion Ratio Lower Upper

83 100

55 77.8 68.2 102.4

98 48.0 39.0 58.4

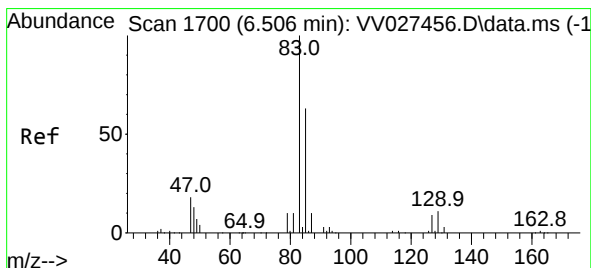
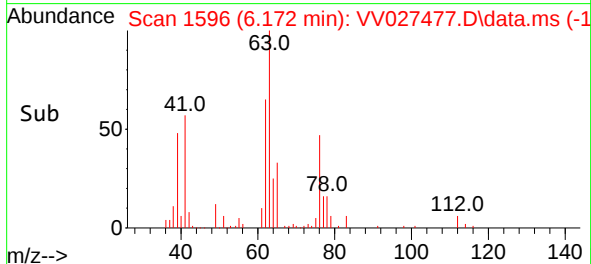
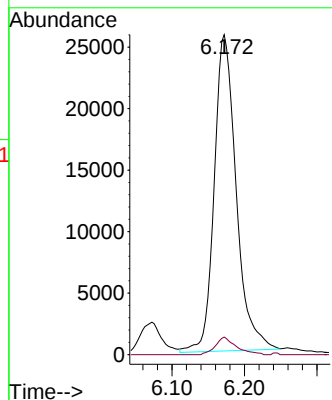
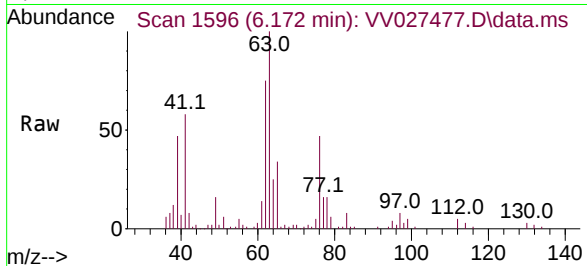




#37
1,2-Dichloropropane
Concen: 5.102 ug/L
RT: 6.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

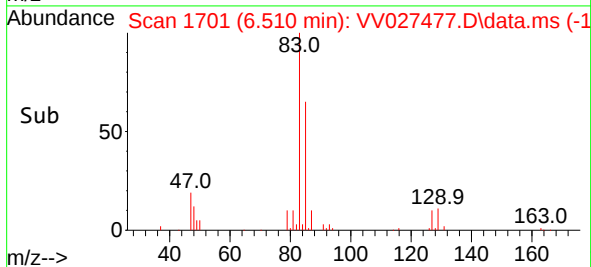
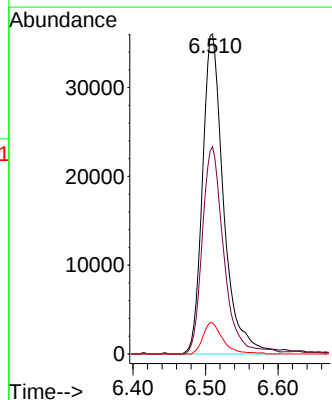
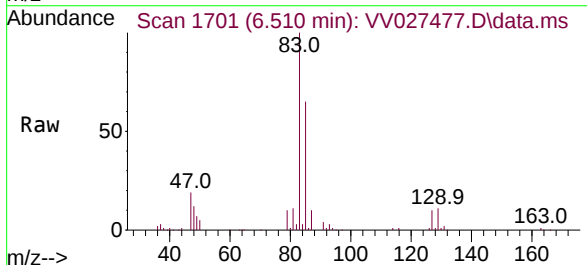
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

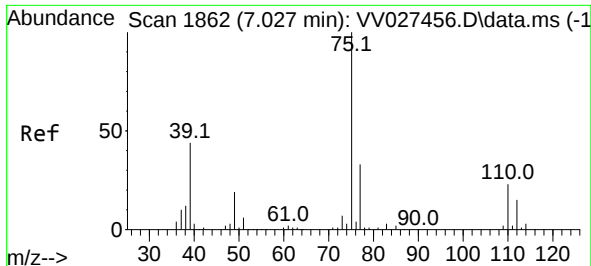
Tgt Ion: 63 Resp: 54309
Ion Ratio Lower Upper
63 100
112 5.2 3.9 5.9



#38
Bromodichloromethane
Concen: 5.416 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion: 83 Resp: 73092
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1
127 9.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.232 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

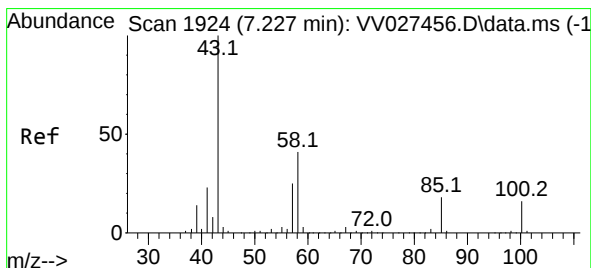
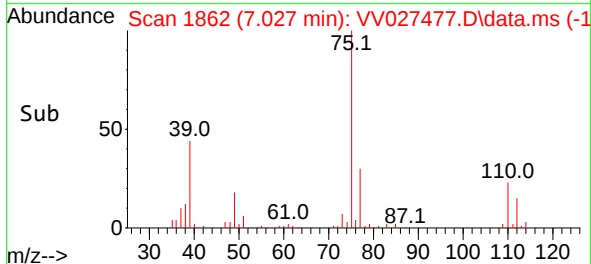
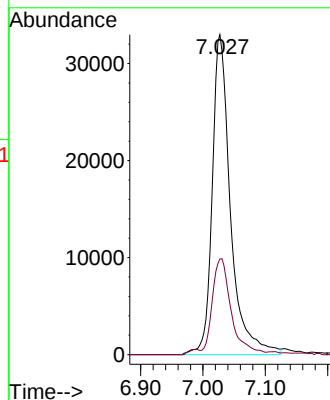
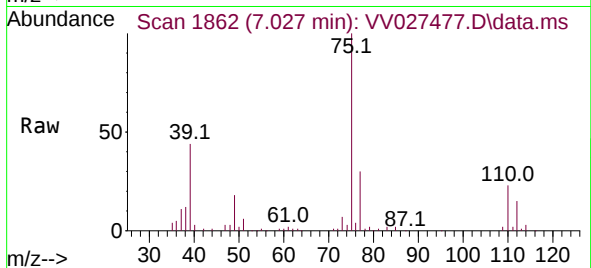
EX9D5MSD

Tgt Ion: 75 Resp: 67149

Ion Ratio Lower Upper

75 100

77 29.9 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 54.547 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

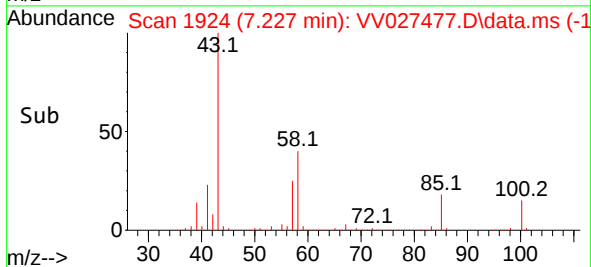
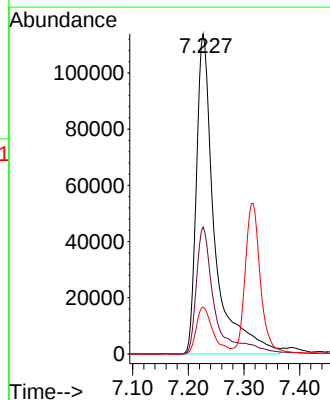
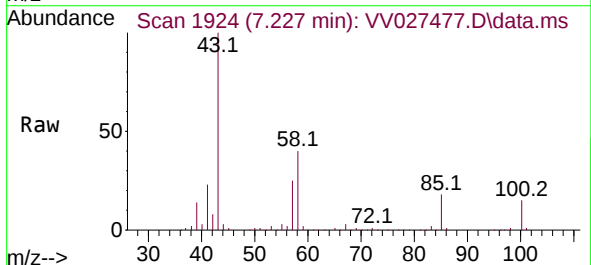
Tgt Ion: 43 Resp: 259417

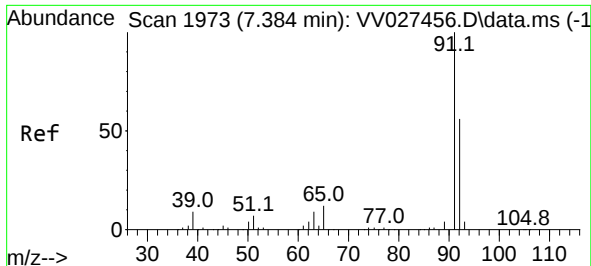
Ion Ratio Lower Upper

43 100

58 40.3 30.6 45.8

100 13.6 11.0 16.4

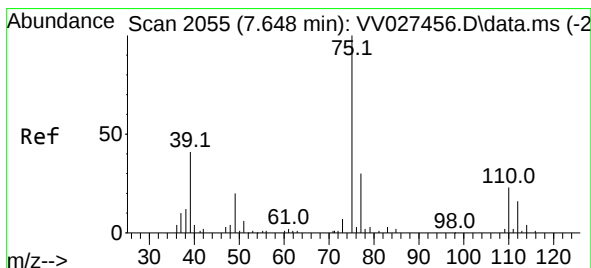
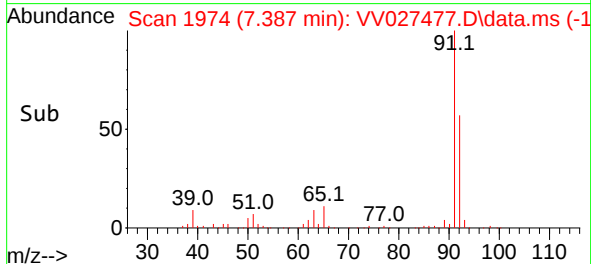
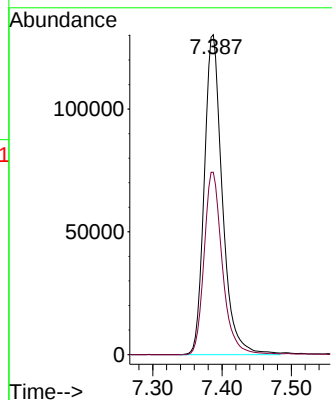
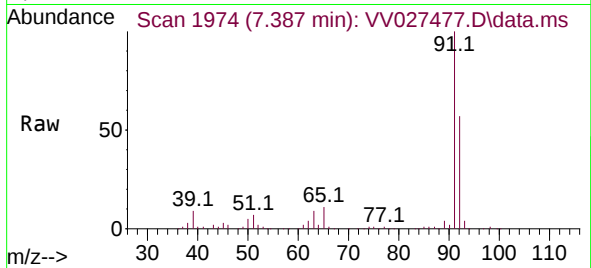




#42
Toluene
Concen: 5.730 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

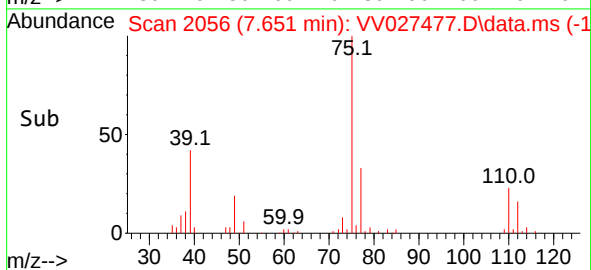
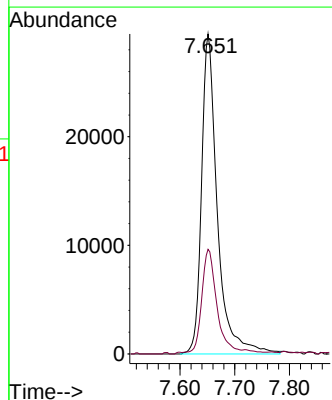
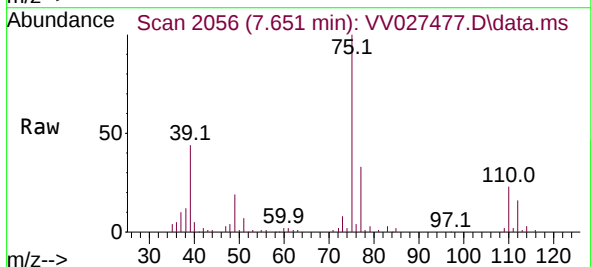
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

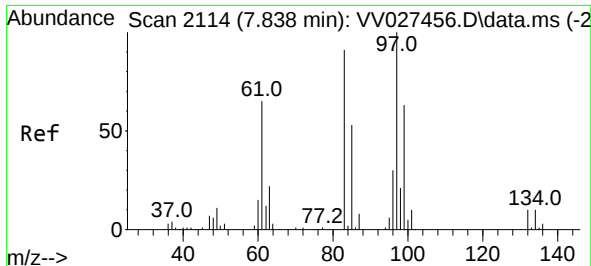
Tgt Ion: 91 Resp: 236145
Ion Ratio Lower Upper
91 100
92 57.0 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 5.439 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion: 75 Resp: 59012
Ion Ratio Lower Upper
75 100
77 32.7 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 5.504 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

EX9D5MSD

Tgt Ion: 97 Resp: 37452

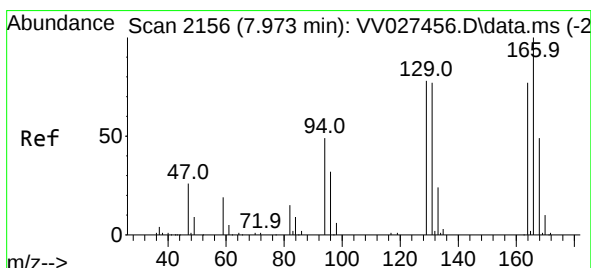
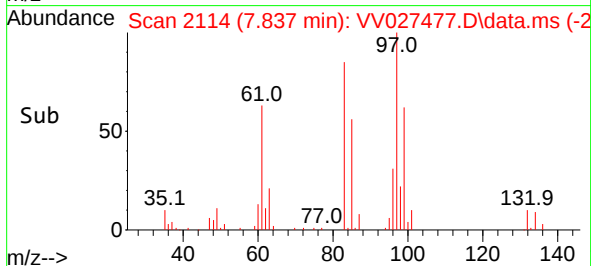
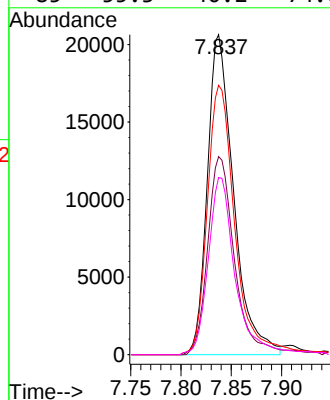
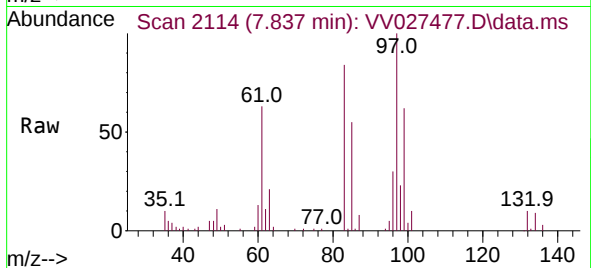
Ion Ratio Lower Upper

97 100

99 61.9 46.1 85.7

83 84.2 63.0 117.0

85 55.3 40.2 74.6



#47

Tetrachloroethene

Concen: 5.452 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

Tgt Ion:164 Resp: 44626

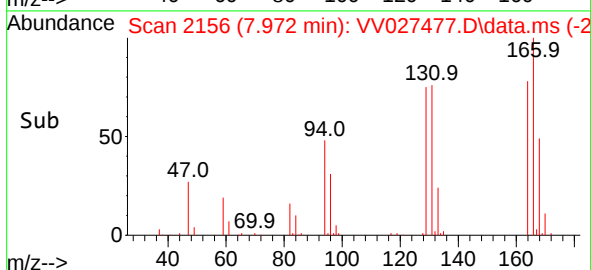
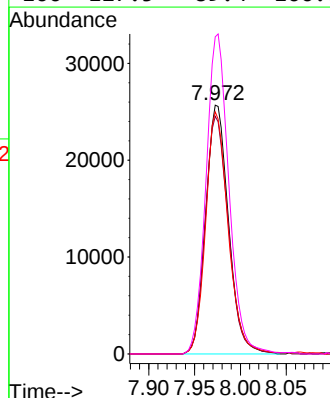
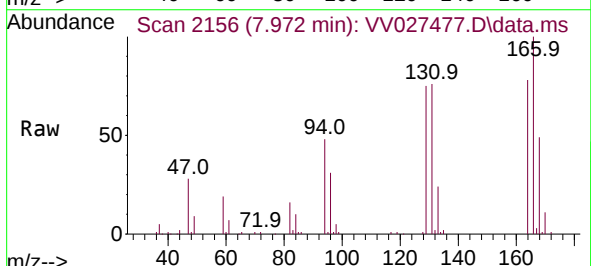
Ion Ratio Lower Upper

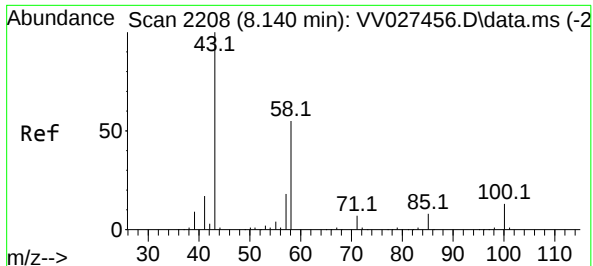
164 100

129 95.5 71.1 132.1

131 97.3 64.5 119.9

166 127.5 89.4 166.0



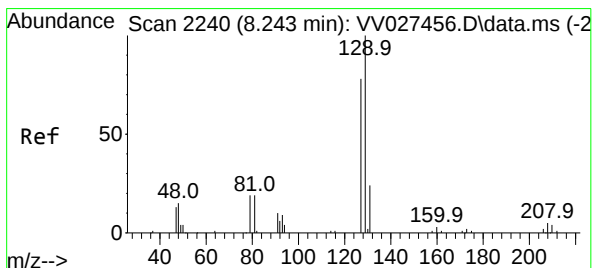
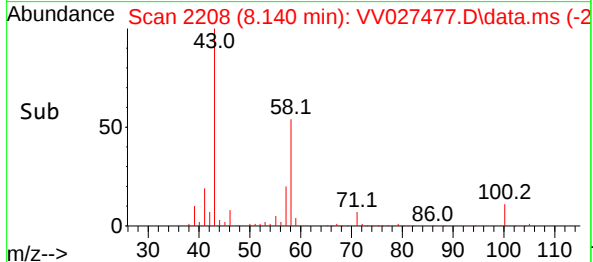
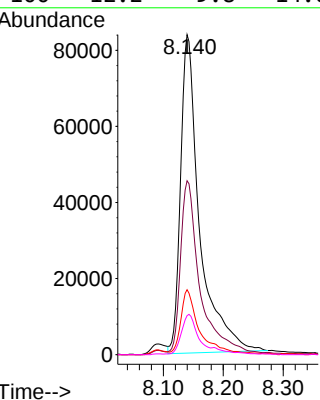
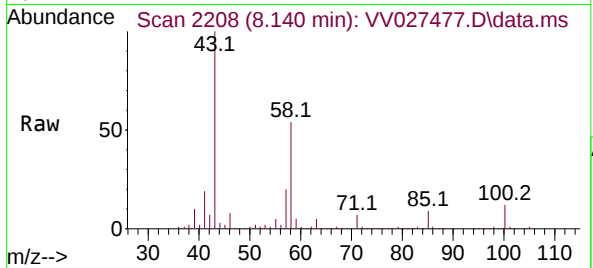


#48
2-Hexanone
Concen: 54.156 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

Tgt Ion: 43 Resp: 185588

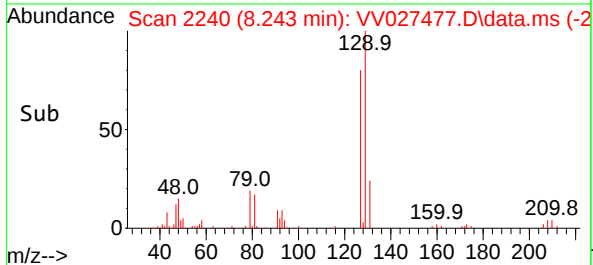
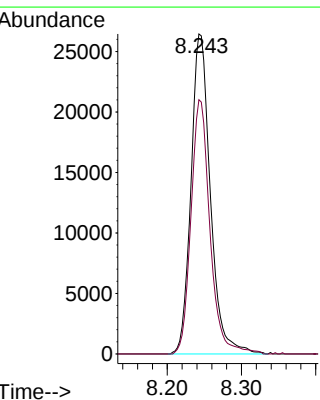
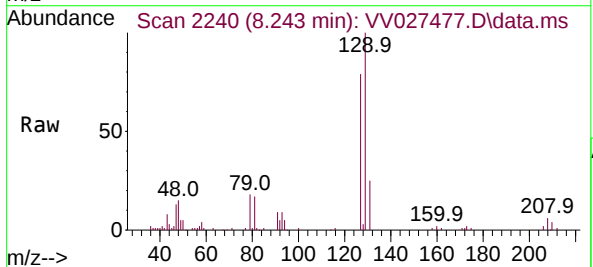
Ion	Ratio	Lower	Upper
43	100		
58	54.4	41.3	61.9
57	19.4	14.9	22.3
100	12.2	9.8	14.6

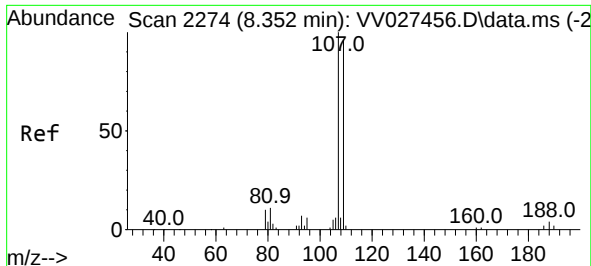


#49
Dibromochloromethane
Concen: 5.737 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion: 129 Resp: 48010

Ion	Ratio	Lower	Upper
129	100		
127	79.4	55.9	103.7

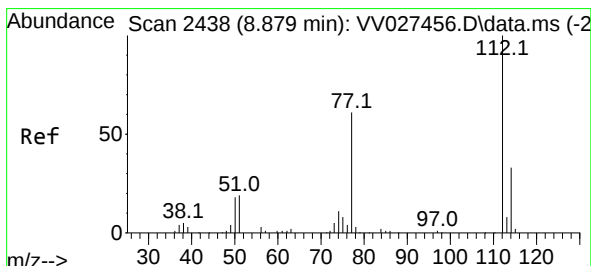
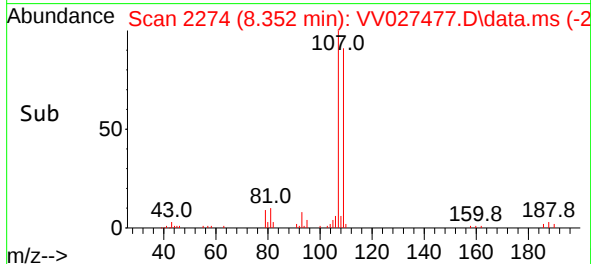
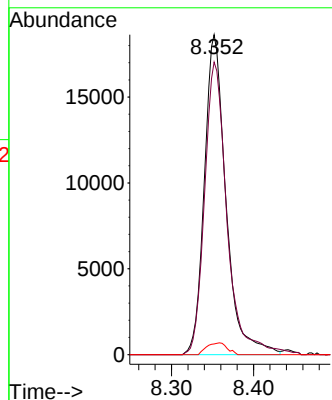
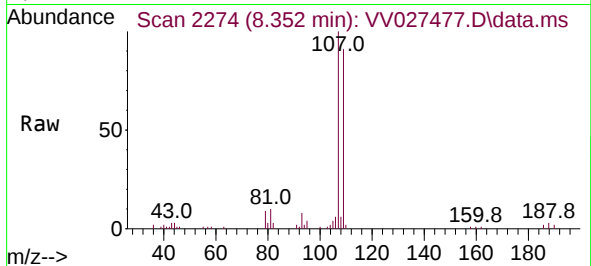




#50
1,2-Dibromoethane
Concen: 5.752 ug/L
RT: 8.352 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

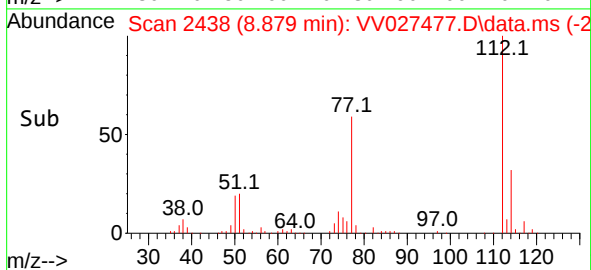
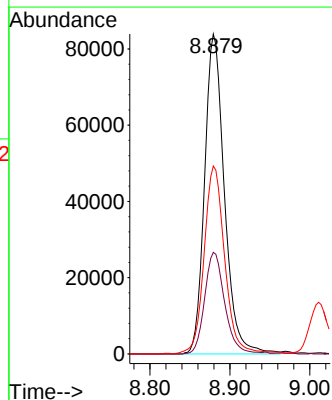
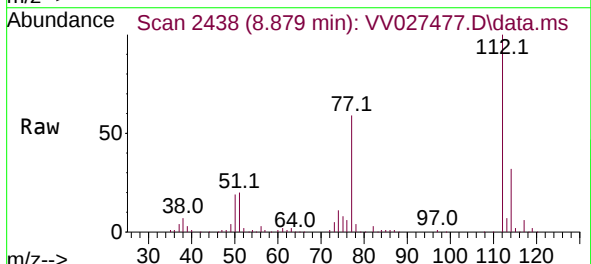
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

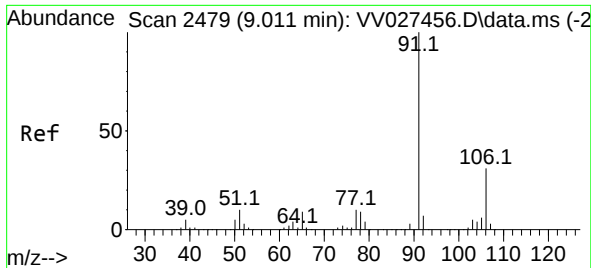
Tgt Ion:107 Resp: 34164
Ion Ratio Lower Upper
107 100
109 91.4 67.8 125.8
188 3.3 3.5 5.3#



#51
Chlorobenzene
Concen: 5.411 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion:112 Resp: 144330
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.1
77 58.7 46.2 69.4





#52

Ethylbenzene

Concen: 5.540 ug/L

RT: 9.011 min Scan# 24

Delta R.T. -0.000 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

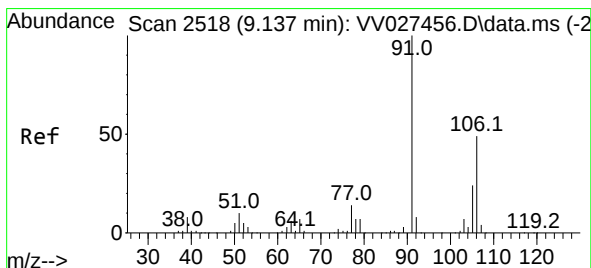
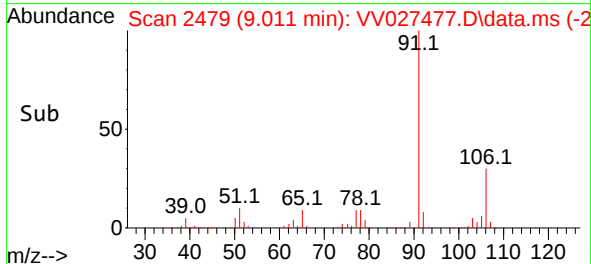
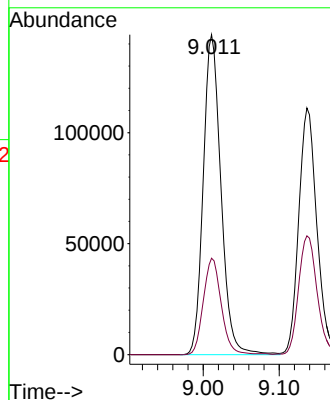
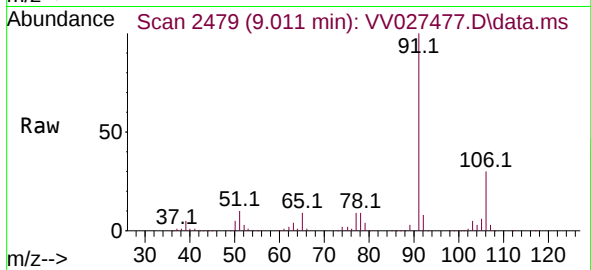
EX9D5MSD

Tgt Ion: 91 Resp: 233024

Ion Ratio Lower Upper

91 100

106 30.1 21.4 39.8



#53

m,p-Xylene

Concen: 5.637 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027477.D

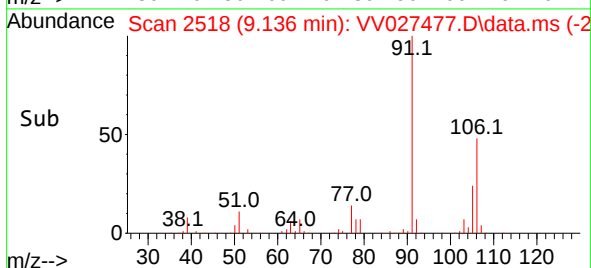
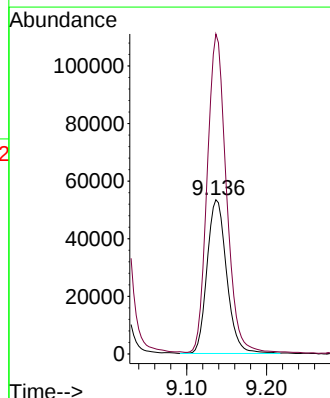
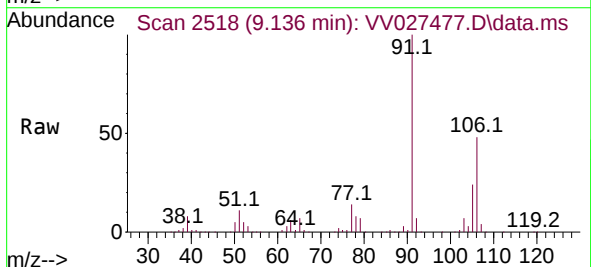
Acq: 22 Aug 2022 19:02

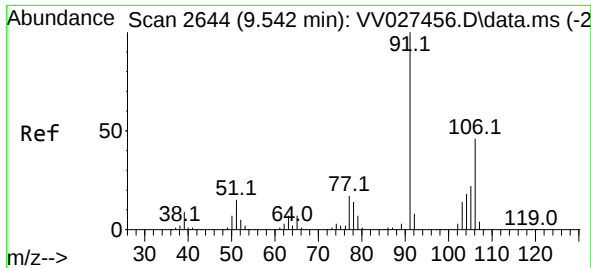
Tgt Ion: 106 Resp: 90735

Ion Ratio Lower Upper

106 100

91 207.6 143.8 267.0

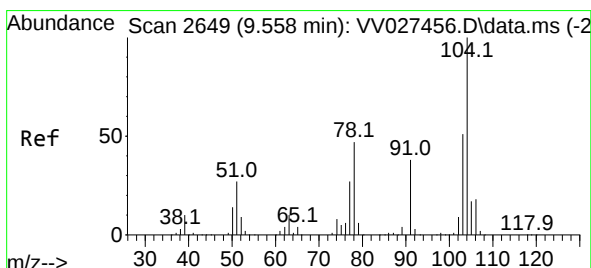
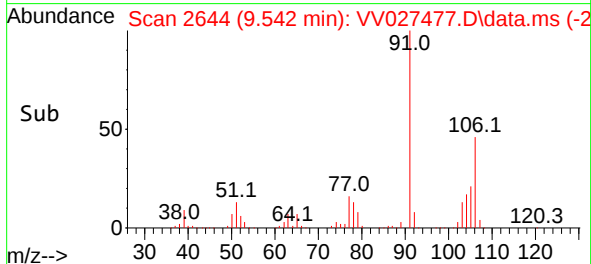
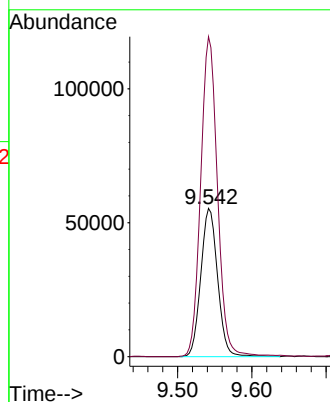
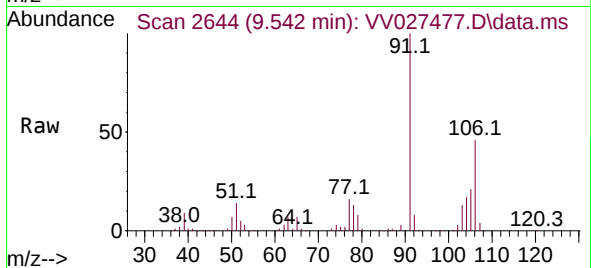




#54
o-Xylene
Concen: 5.571 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

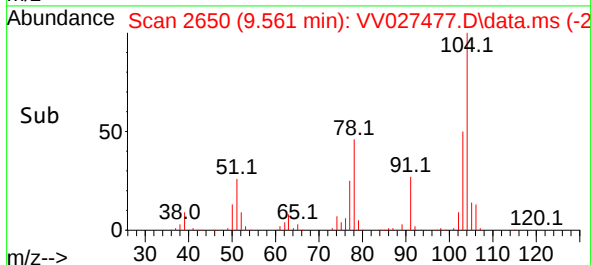
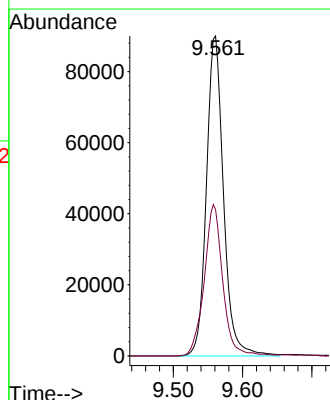
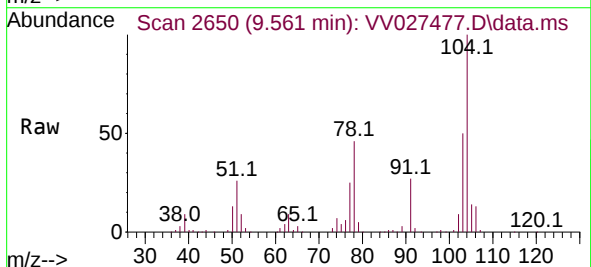
Instrument : MSVOA_V
ClientSampleId : EX9D5MSD

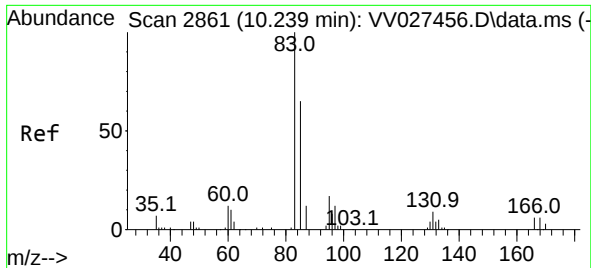
Tgt Ion:106 Resp: 86992
Ion Ratio Lower Upper
106 100
91 215.8 151.6 281.6



#55
Styrene
Concen: 5.821 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion:104 Resp: 154619
Ion Ratio Lower Upper
104 100
78 45.7 32.0 59.4

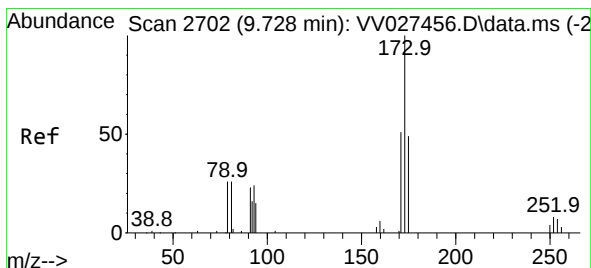
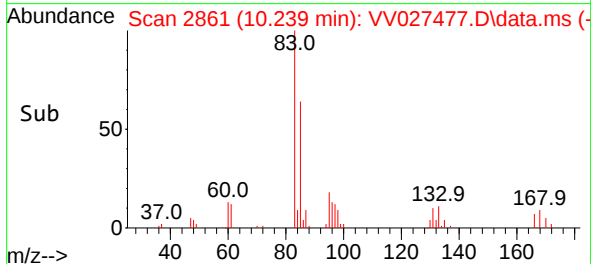
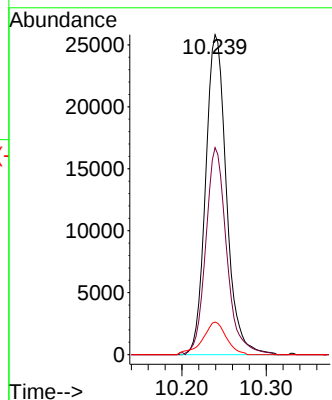
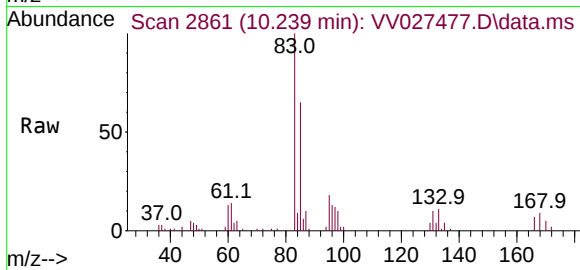




#57
1,1,2,2-Tetrachloroethane
Concen: 5.758 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

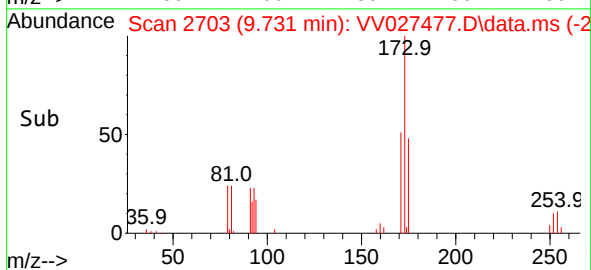
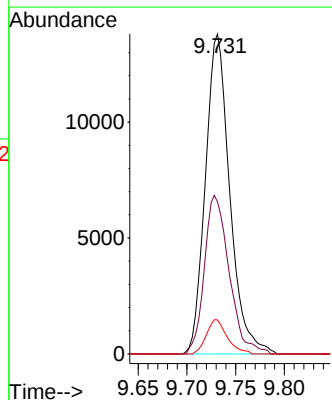
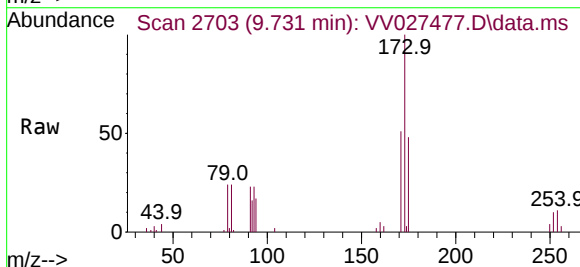
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

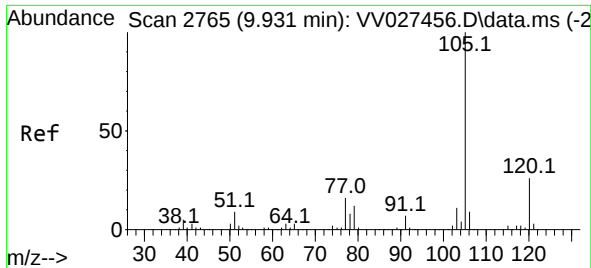
Tgt Ion: 83 Resp: 44139
Ion Ratio Lower Upper
83 100
85 64.7 44.1 81.9
131 10.2 7.3 10.9



#59
Bromoform
Concen: 5.295 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion: 173 Resp: 24050
Ion Ratio Lower Upper
173 100
175 50.2 39.0 58.6
254 9.1 7.1 10.7

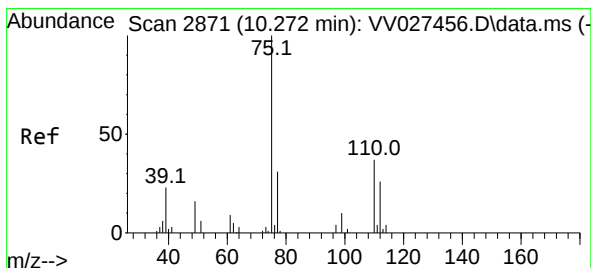
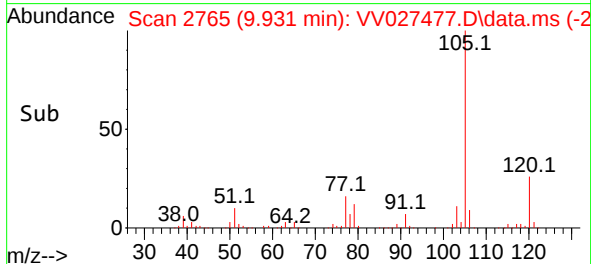
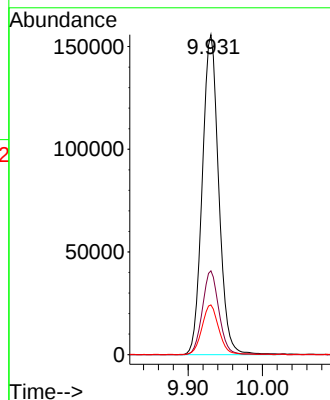
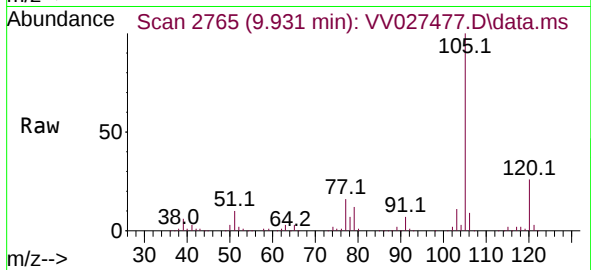




#60
Isopropylbenzene
Concen: 5.371 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

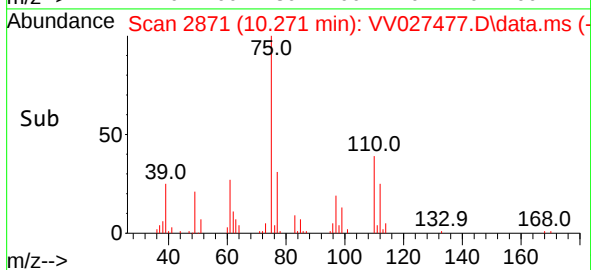
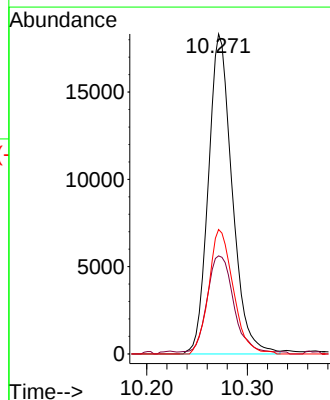
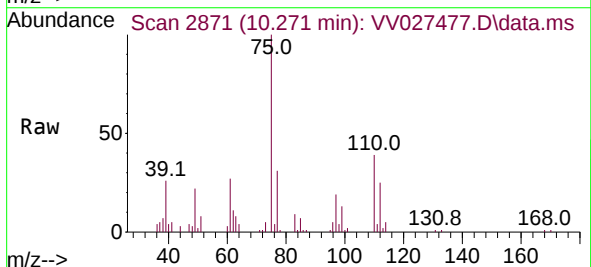
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

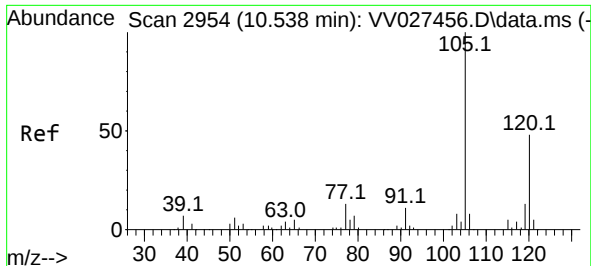
Tgt Ion:105 Resp: 239513
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 16.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.067 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion: 75 Resp: 30126
Ion Ratio Lower Upper
75 100
77 35.2 26.2 39.2
110 40.0 29.9 44.9

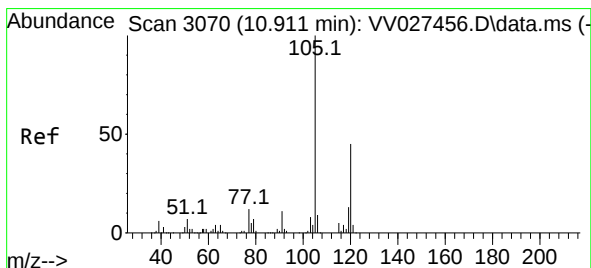
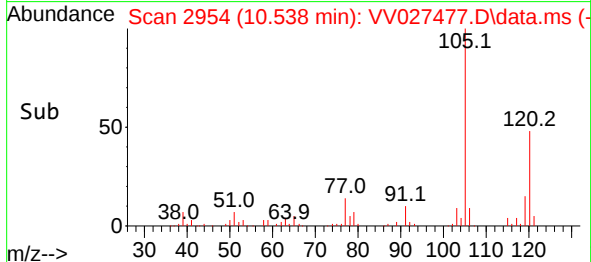
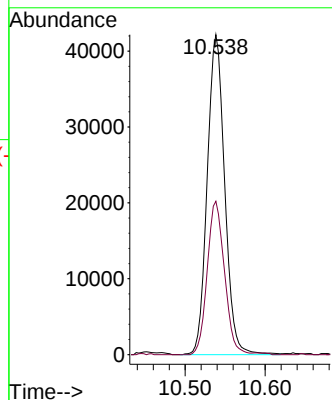
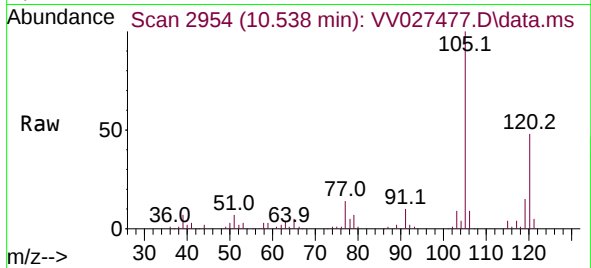




#62
1,3,5-Trimethylbenzene
Concen: 5.169 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

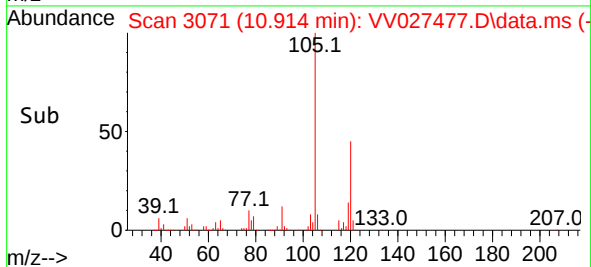
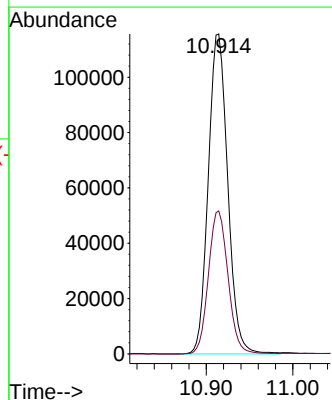
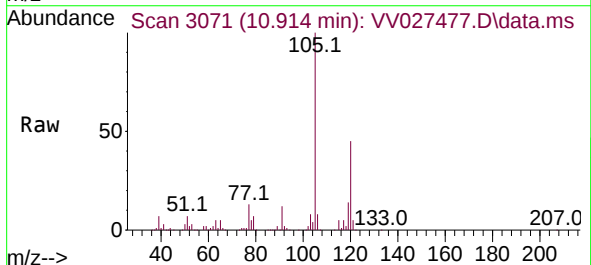
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

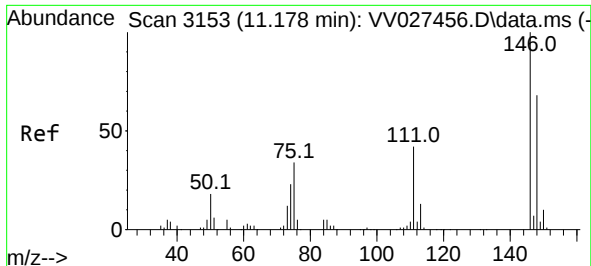
Tgt Ion:105 Resp: 63912
Ion Ratio Lower Upper
105 100
120 47.3 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 5.178 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion:105 Resp: 180396
Ion Ratio Lower Upper
105 100
120 45.1 35.8 53.6

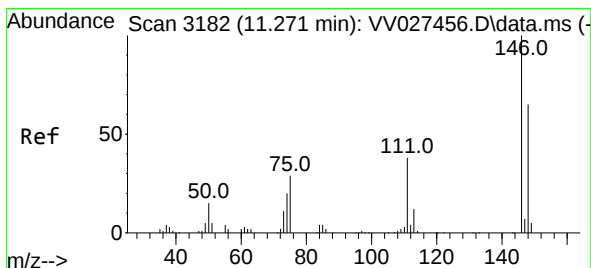
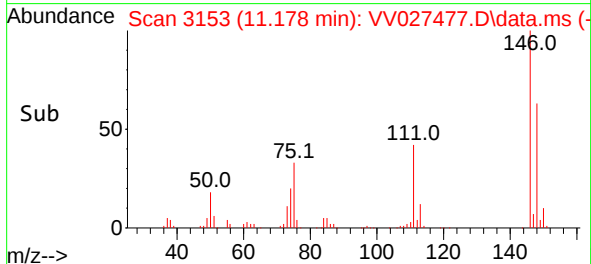
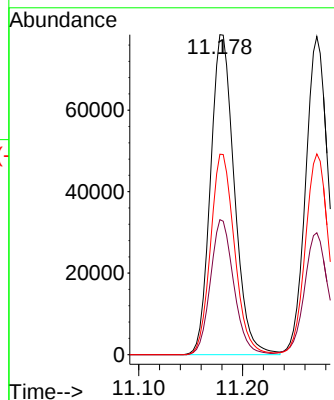
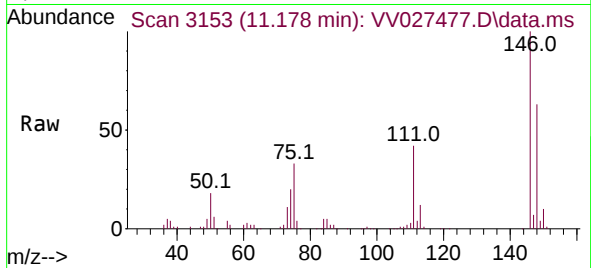




#64
1,3-Dichlorobenzene
Concen: 5.707 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

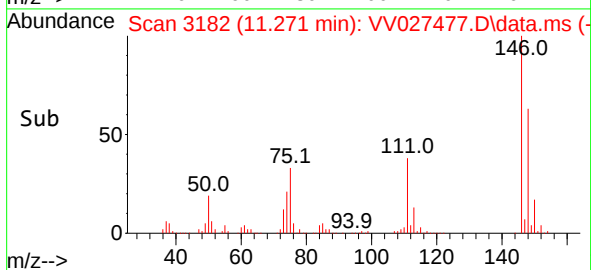
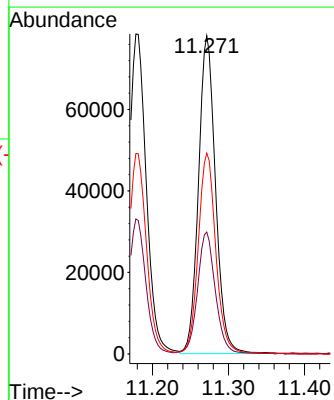
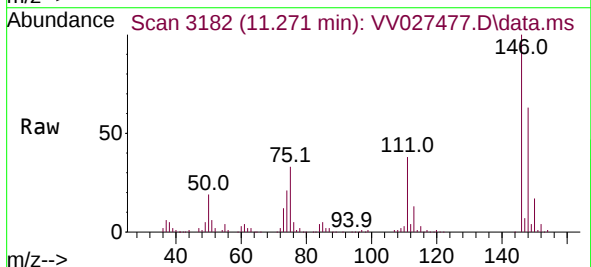
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

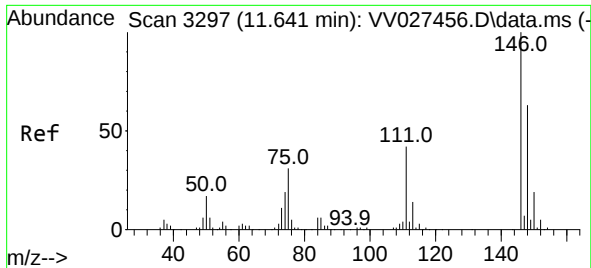
Tgt Ion:146 Resp: 125379
Ion Ratio Lower Upper
146 100
111 42.2 28.8 53.4
148 62.6 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.554 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion:146 Resp: 121646
Ion Ratio Lower Upper
146 100
111 38.3 26.6 49.4
148 63.1 42.6 79.0

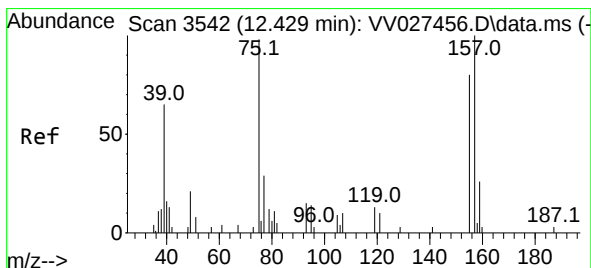
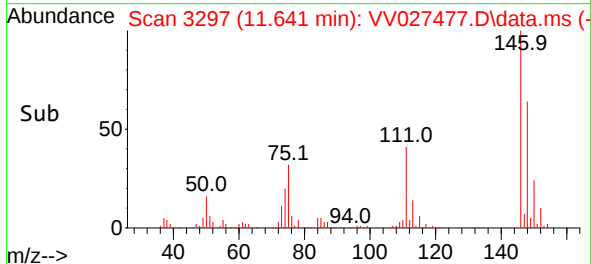
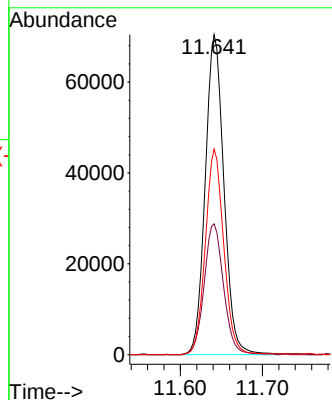
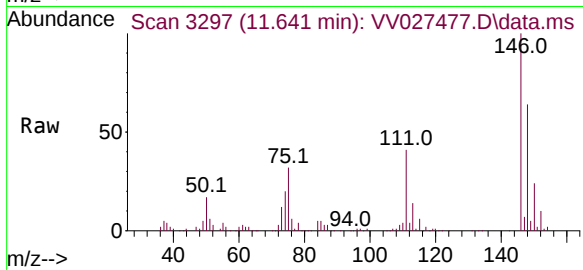




#67
1,2-Dichlorobenzene
Concen: 5.591 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

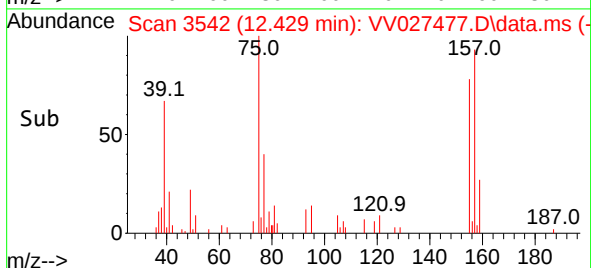
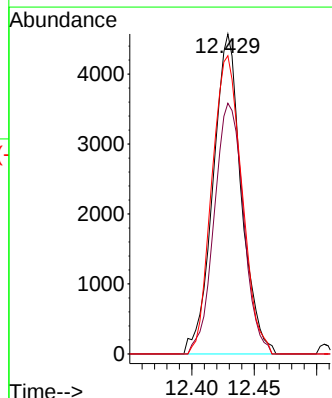
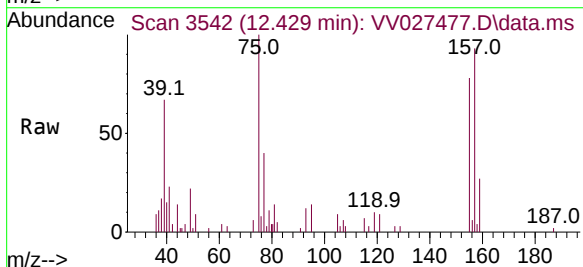
Instrument :
MSVOA_V
ClientSampleId :
EX9D5MSD

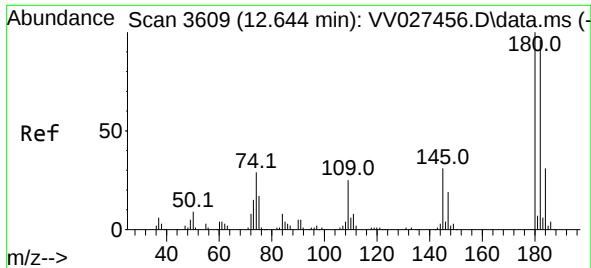
Tgt Ion:146 Resp: 111359
Ion Ratio Lower Upper
146 100
111 40.9 34.5 51.7
148 64.2 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.446 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV027477.D
Acq: 22 Aug 2022 19:02

Tgt Ion: 75 Resp: 7193
Ion Ratio Lower Upper
75 100
155 78.3 63.1 94.7
157 93.2 81.8 122.8

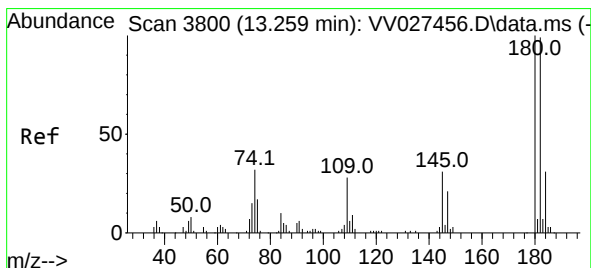
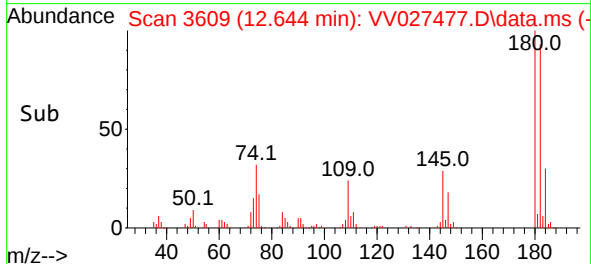
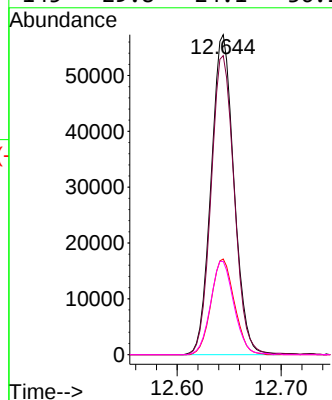
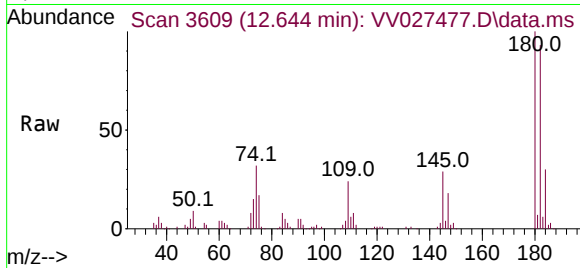




#69
 1,3,5-Trichlorobenzene
 Concen: 5.347 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV027477.D
 Acq: 22 Aug 2022 19:02

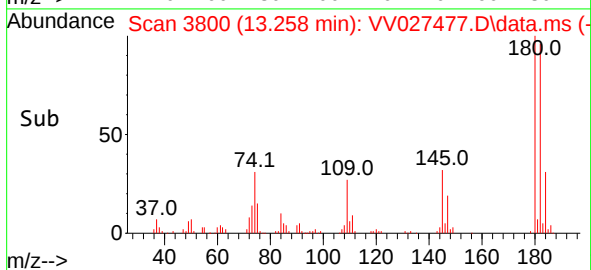
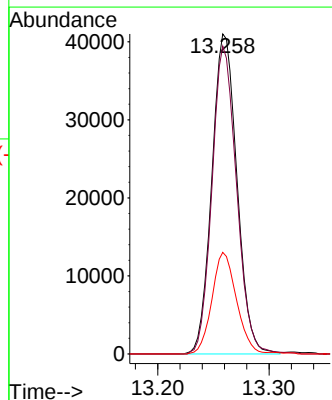
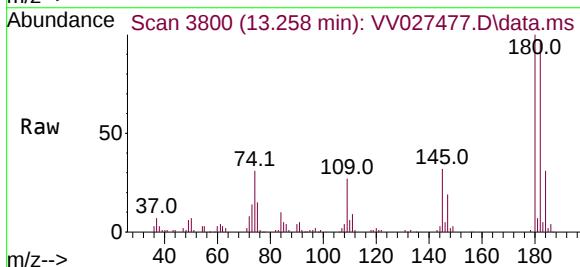
Instrument :
 MSVOA_V
 ClientSampleId :
 EX9D5MSD

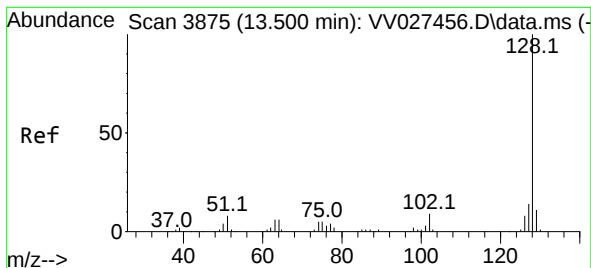
Tgt Ion:180	Resp:	87687
Ion Ratio	Lower	Upper
180	100	
182	94.2	74.1 111.1
184	30.3	23.2 34.8
145	29.8	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.385 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027477.D
 Acq: 22 Aug 2022 19:02

Tgt Ion:180	Resp:	64173
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.0 114.0
145	31.2	24.9 37.3





#71

Naphthalene

Concen: 5.490 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

Instrument :

MSVOA_V

ClientSampleId :

EX9D5MSD

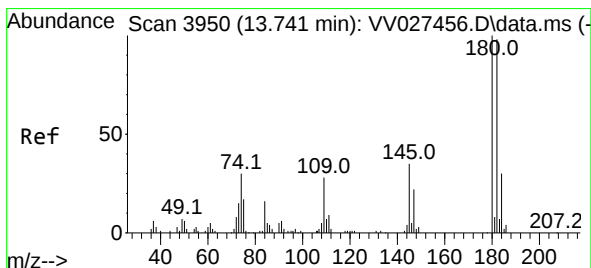
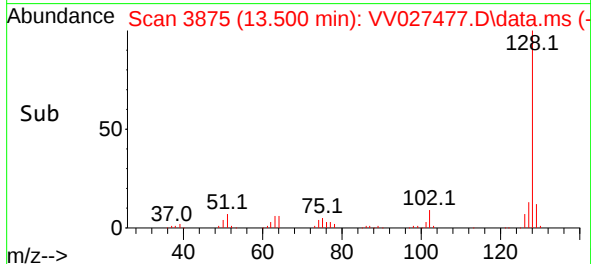
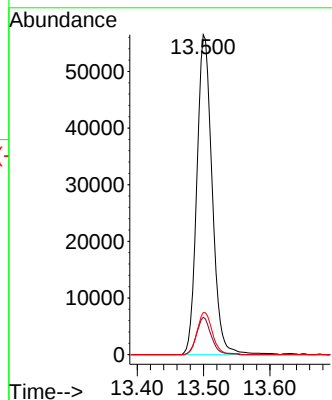
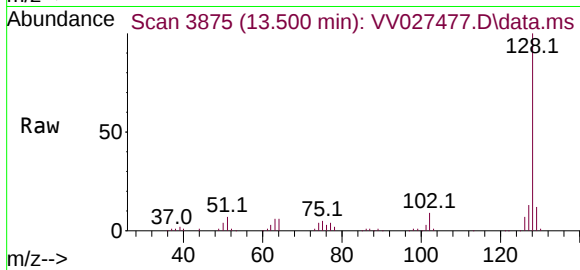
Tgt Ion:128 Resp: 90319

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.2 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.523 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV027477.D

Acq: 22 Aug 2022 19:02

Tgt Ion:180 Resp: 58452

Ion Ratio Lower Upper

180 100

182 94.2 75.3 112.9

145 32.1 26.6 39.8

