

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026477.D
 Acq On : 21 Jun 2022 10:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	190856	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	63018	3.802	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.581	69	54984	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.121	63	121488	4.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	3.931	46	89175	55.130	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.260%
24) Chloroform-d	4.359	84	128052	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.040	65	50383	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.056	84	244504	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.072	67	71538	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.317	98	230213	5.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	7.625	79	20219	4.499	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.092	63	74326	54.750	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48794	5.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	71741	5.178	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	67229	4.711	ug/L	100
3) Chloromethane	1.253	50	64566	4.075	ug/L	98
5) Vinyl chloride	1.323	62	73625	4.469	ug/L	92
6) Bromomethane	1.536	94	37966	4.123	ug/L	96
8) Chloroethane	1.597	64	49975	4.886	ug/L	93
9) Trichlorofluoromethane	1.767	101	109448	4.813	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	66828	5.067	ug/L	100
12) 1,1-Dichloroethene	2.130	96	59813	4.960	ug/L	98
13) Acetone	2.211	43	56173	44.811	ug/L	93
14) Carbon disulfide	2.307	76	126353	4.250	ug/L	100
15) Methyl Acetate	2.462	43	16702	5.553	ug/L	99
16) Methylene chloride	2.519	84	65128	4.234	ug/L	98
17) Methyl tert-butyl Ether	2.783	73	108650	5.241	ug/L	100
18) trans-1,2-Dichloroethene	2.773	96	58913	5.038	ug/L	96
19) 1,1-Dichloroethane	3.201	63	115886	5.196	ug/L	97
21) 2-Butanone	4.011	43	83722	51.616	ug/L	90
22) cis-1,2-Dichloroethene	3.925	96	63626	5.378	ug/L	93
23) Bromochloromethane	4.262	128	27643	5.506	ug/L	88
25) Chloroform	4.384	83	124032	5.127	ug/L	98

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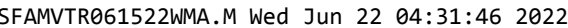
Instrument :
 MSVOA_V
 ClientSampleId :

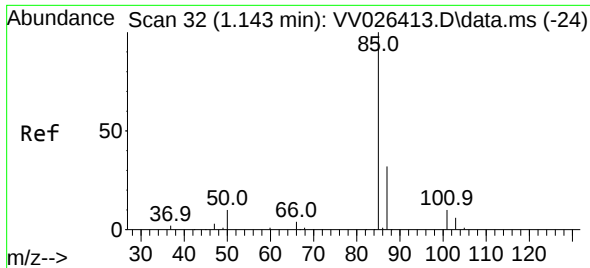
Quant Time: Jun 22 04:31:37 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	56311	5.114	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	107024	5.453	ug/L	98
30) Cyclohexane	4.683	56	71649	4.881	ug/L	99
31) Carbon tetrachloride	4.834	117	86832	5.224	ug/L	98
33) Benzene	5.105	78	246372	5.410	ug/L	100
34) Trichloroethene	5.918	95	61908	4.980	ug/L	97
35) Methylcyclohexane	6.133	83	83742	4.869	ug/L	98
37) 1,2-Dichloropropane	6.175	63	63470	5.329	ug/L #	97
38) Bromodichloromethane	6.513	83	77275	5.349	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	66900	4.921	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	241022	55.036	ug/L	98
42) Toluene	7.387	91	272478	5.689	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	52617	4.847	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	42714	5.464	ug/L	94
47) Tetrachloroethene	7.976	164	50018	5.432	ug/L	98
48) 2-Hexanone	8.140	43	171287	54.591	ug/L	98
49) Dibromochloromethane	8.246	129	45481	5.253	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36151	5.427	ug/L	96
51) Chlorobenzene	8.879	112	169029	5.405	ug/L	99
52) Ethylbenzene	9.011	91	263436	5.487	ug/L	99
53) m,p-Xylene	9.137	106	105433	5.633	ug/L	94
54) o-Xylene	9.542	106	98859	5.453	ug/L	95
55) Styrene	9.561	104	175219	5.755	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	47730	6.019	ug/L	97
59) Bromoform	9.731	173	19591	4.961	ug/L	100
60) Isopropylbenzene	9.931	105	270926	5.650	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	31721	5.435	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	205061	5.390	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	210024	5.577	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	134661	5.715	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	131922	5.510	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	117330	5.622	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5691	5.505	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	94508	5.548	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	66977	5.331	ug/L	98
71) Naphthalene	13.500	128	89747	5.144	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	56979	5.417	ug/L	96

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

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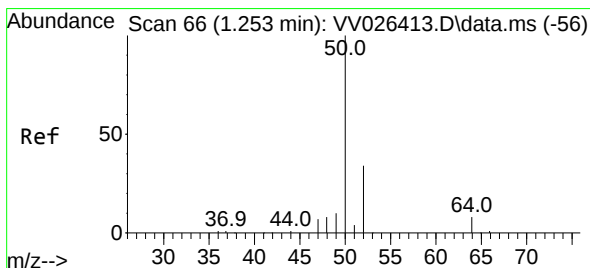
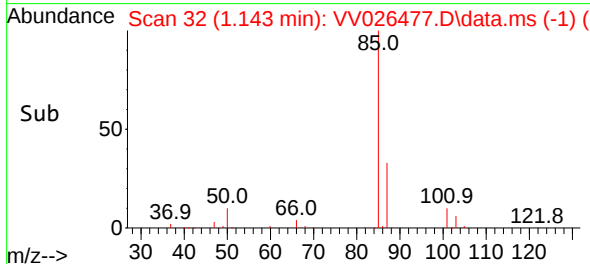
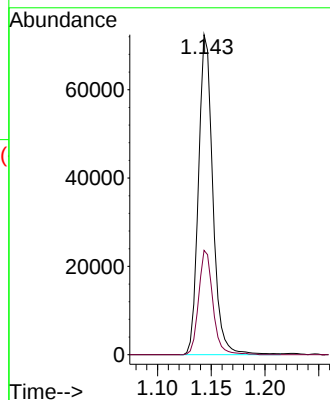
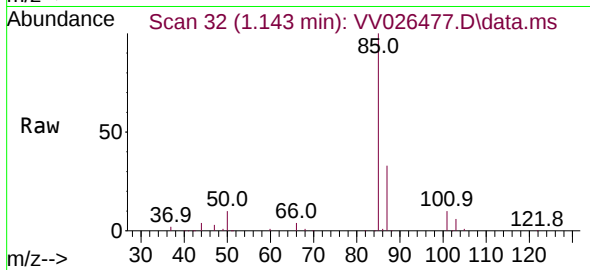




#2
 Dichlorodifluoromethane
 Concen: 4.711 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV026477.D
 Acq: 21 Jun 2022 10:23

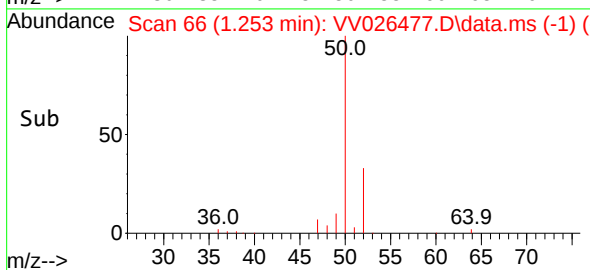
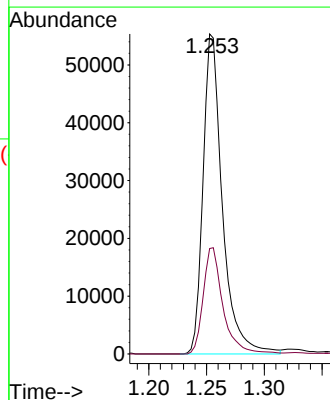
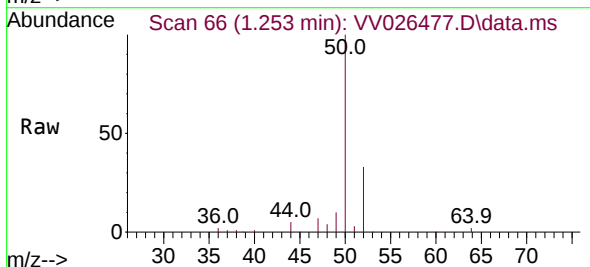
Instrument :
 MSVOA_V
 ClientSampleId :

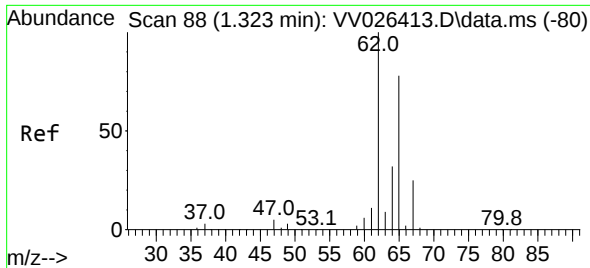
Tgt Ion: 85 Resp: 67229
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 4.075 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. -0.006 min
 Lab File: VV026477.D
 Acq: 21 Jun 2022 10:23

Tgt Ion: 50 Resp: 64566
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 44.1

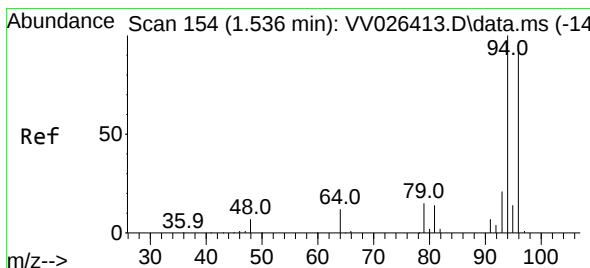
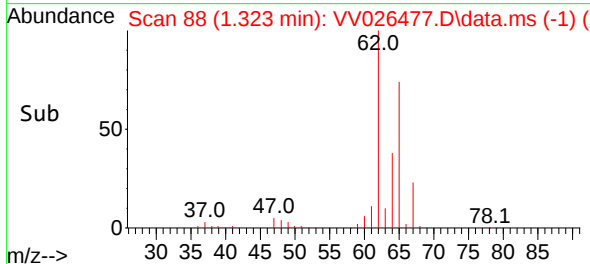
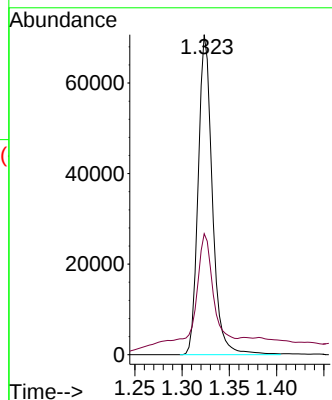
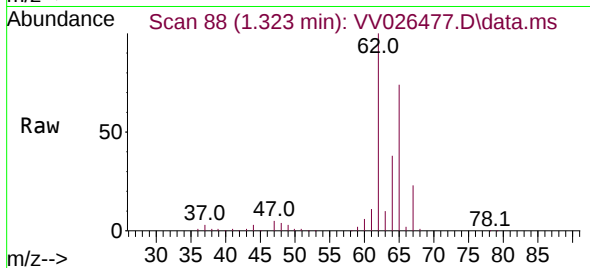




#5
 Vinyl chloride
 Concen: 4.469 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.006 min
 Lab File: VV026477.D
 Acq: 21 Jun 2022 10:23

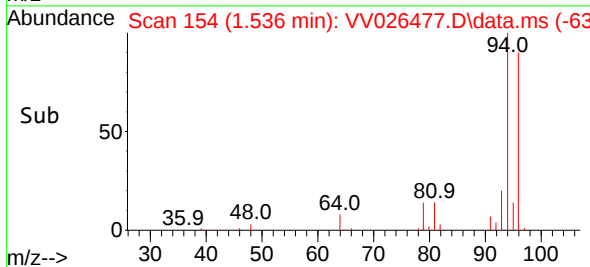
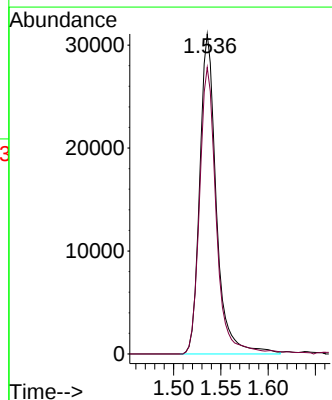
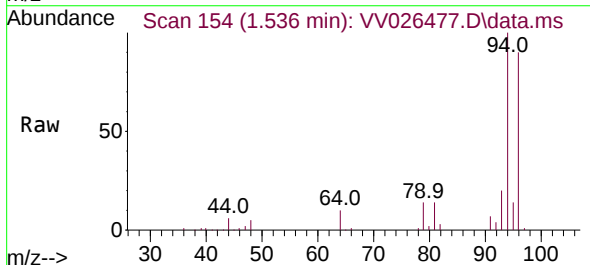
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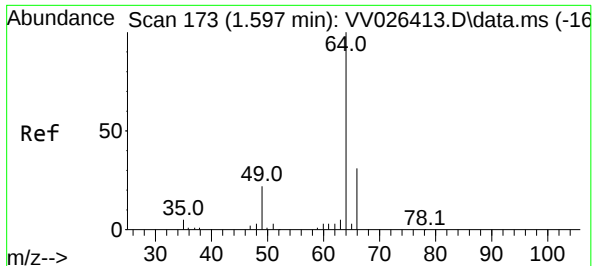
Tgt Ion: 62 Resp: 73625
 Ion Ratio Lower Upper
 62 100
 64 37.8 23.2 43.2



#6
 Bromomethane
 Concen: 4.123 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. -0.006 min
 Lab File: VV026477.D
 Acq: 21 Jun 2022 10:23

Tgt Ion: 94 Resp: 37966
 Ion Ratio Lower Upper
 94 100
 96 89.6 65.7 121.9

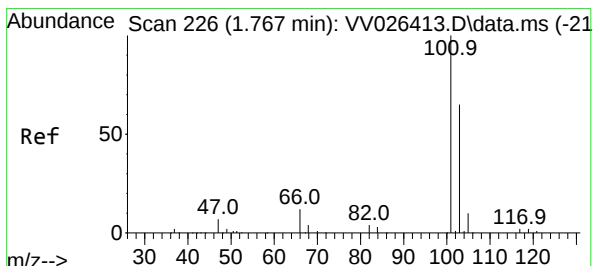
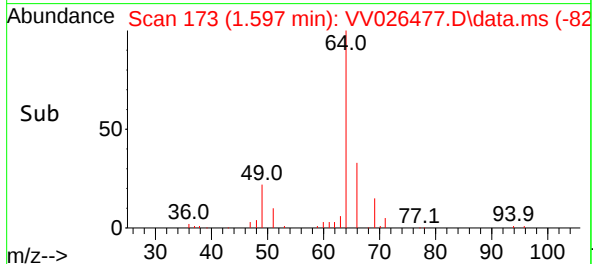
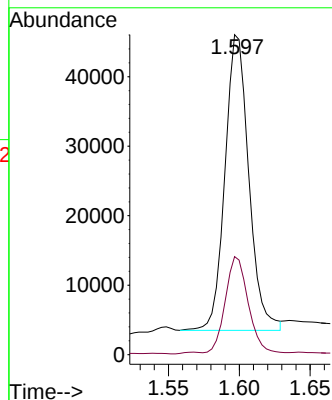
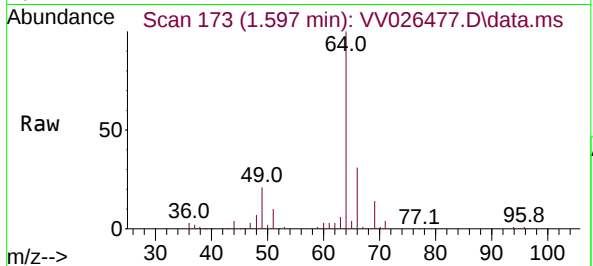




#8
Chloroethane
Concen: 4.886 ug/L
RT: 1.597 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

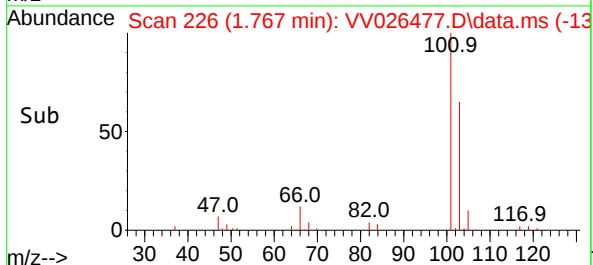
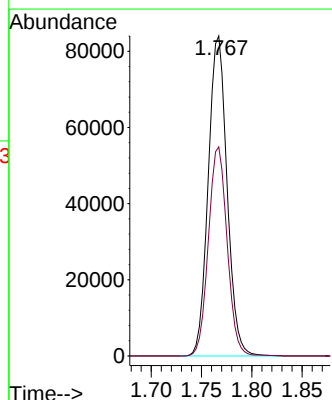
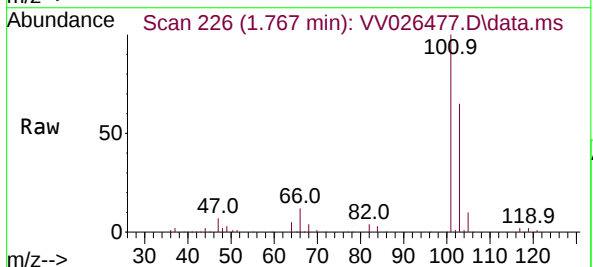
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MSVOA_V
ClientSampleId :

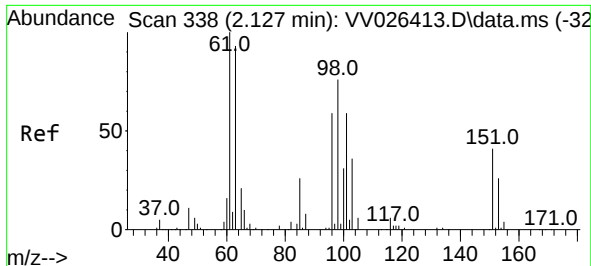
Tgt Ion: 64 Resp: 49975
Ion Ratio Lower Upper
64 100
66 30.6 24.1 44.7



#9
Trichlorofluoromethane
Concen: 4.813 ug/L
RT: 1.767 min Scan# 226
Delta R.T. -0.003 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion:101 Resp: 109448
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5





#10

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

Concen: 5.067 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.003 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

ClientSampleId :

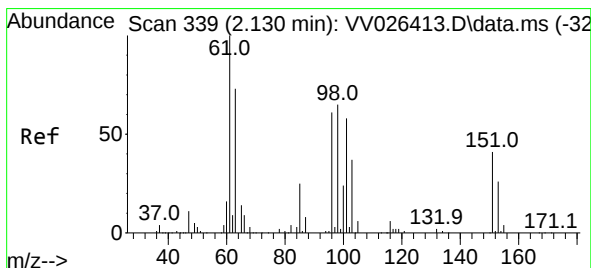
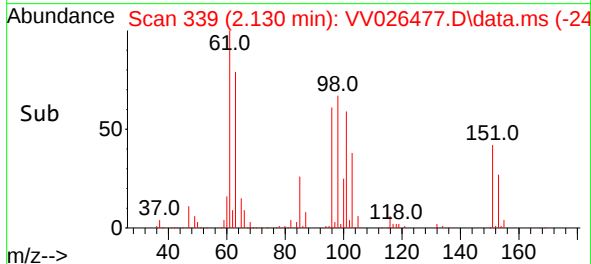
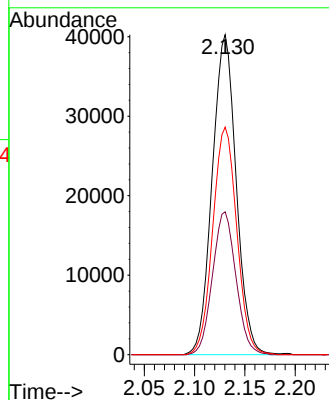
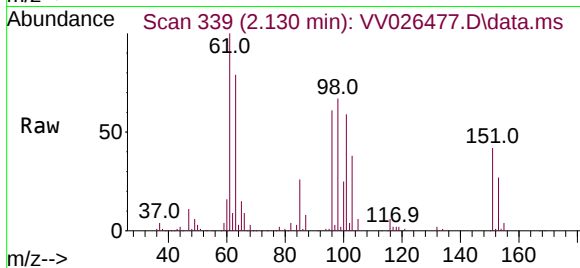
Tgt Ion:101 Resp: 66828

Ion Ratio Lower Upper

101 100

85 43.7 35.3 52.9

151 71.2 56.8 85.2



#12

1,1-Dichloroethene

Concen: 4.960 ug/L

RT: 2.130 min Scan# 339

Delta R.T. -0.006 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

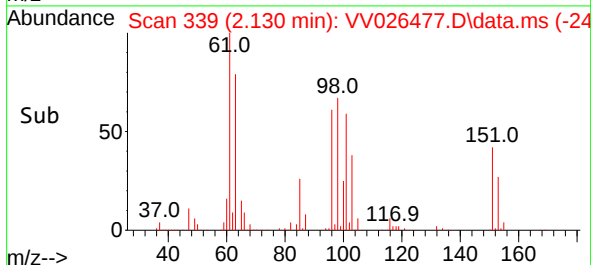
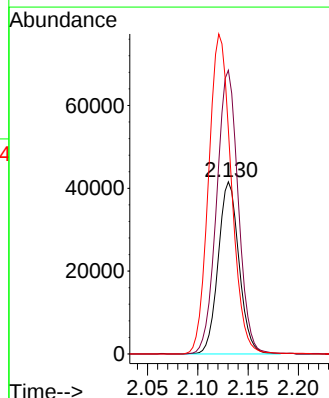
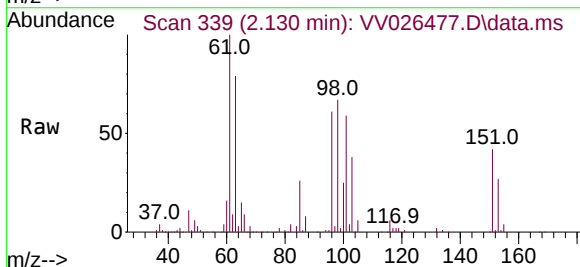
Tgt Ion: 96 Resp: 59813

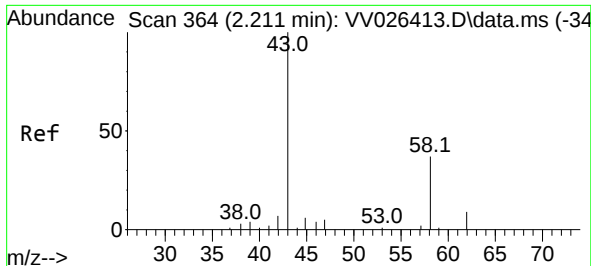
Ion Ratio Lower Upper

96 100

61 164.7 117.1 217.5

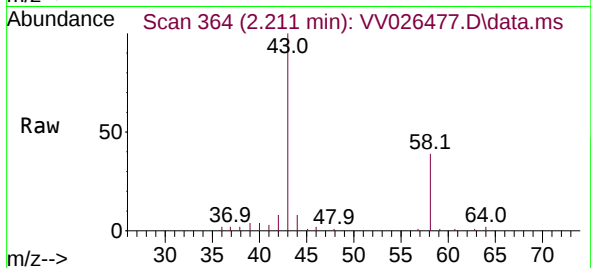
63 130.4 92.8 172.4



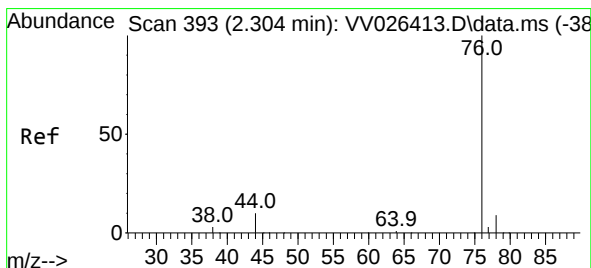
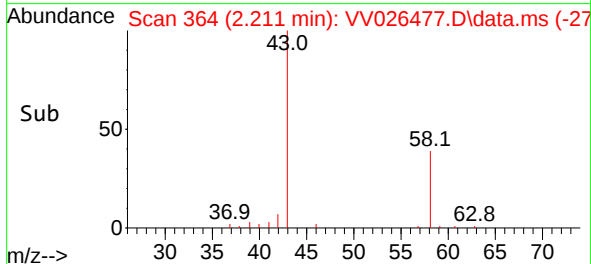
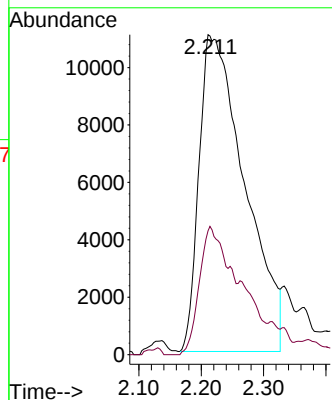


#13
Acetone
Concen: 44.811 ug/L
RT: 2.211 min Scan# 30
Delta R.T. -0.013 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Instrument :
MSVOA_V
ClientSampleId :

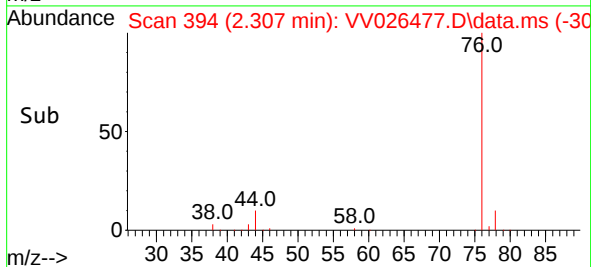
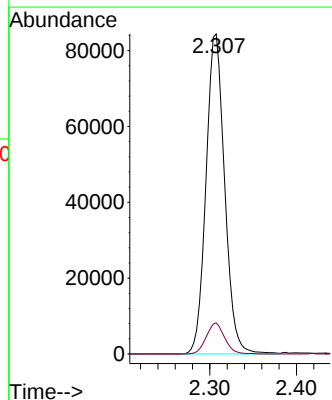
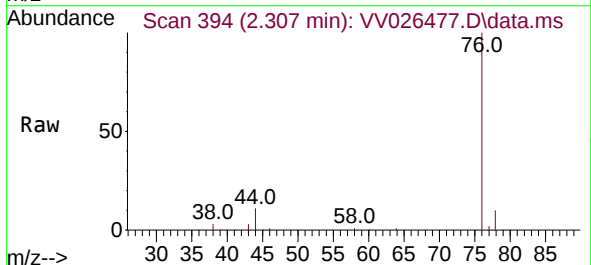


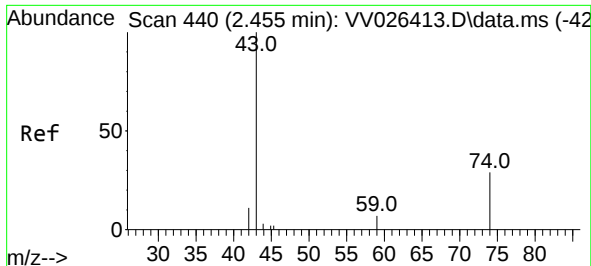
Tgt Ion: 43 Resp: 56173
Ion Ratio Lower Upper
43 100
58 26.4 0.0 60.0



#14
Carbon disulfide
Concen: 4.250 ug/L
RT: 2.307 min Scan# 394
Delta R.T. -0.003 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion: 76 Resp: 126353
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5

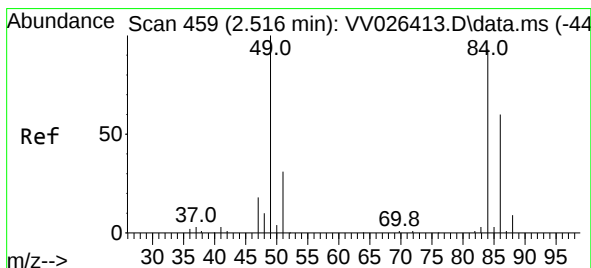
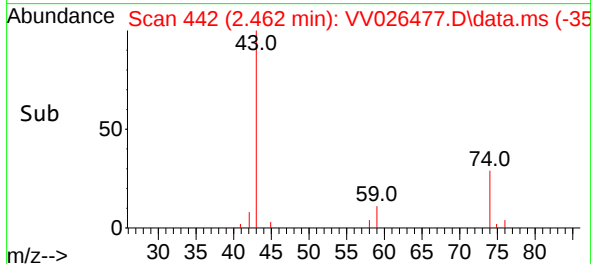
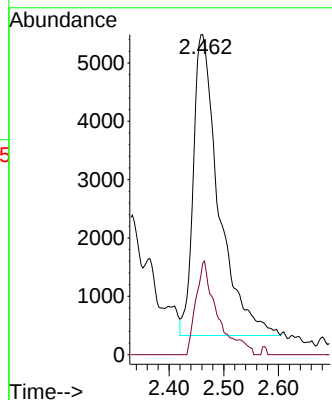
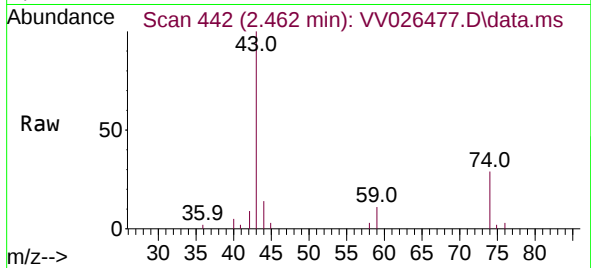




#15
Methyl Acetate
Concen: 5.553 ug/L
RT: 2.462 min Scan# 44
Delta R.T. -0.003 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

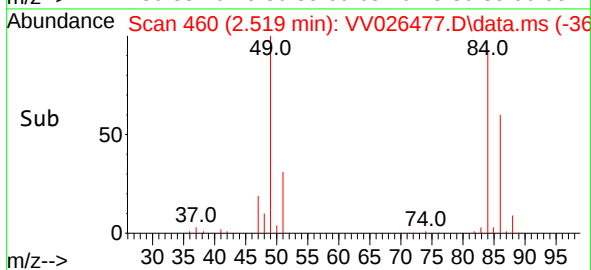
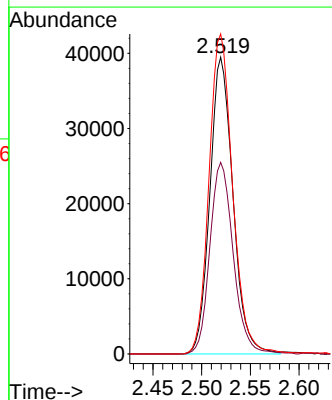
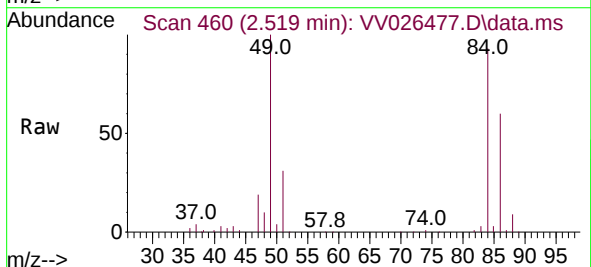
Instrument :
MSVOA_V
ClientSampleId :

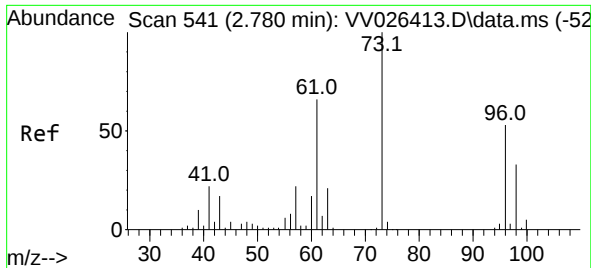
Tgt Ion: 43 Resp: 16702
Ion Ratio Lower Upper
43 100
74 26.1 21.4 32.0



#16
Methylene chloride
Concen: 4.234 ug/L
RT: 2.519 min Scan# 460
Delta R.T. -0.006 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion: 84 Resp: 65128
Ion Ratio Lower Upper
84 100
86 64.6 44.0 81.8
49 107.8 77.3 143.7

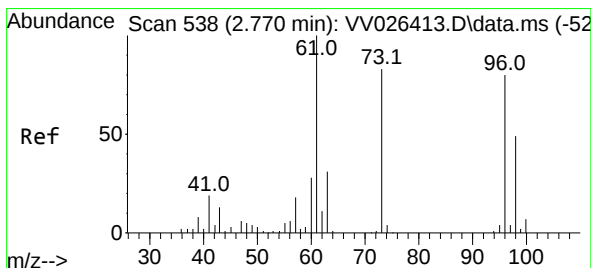
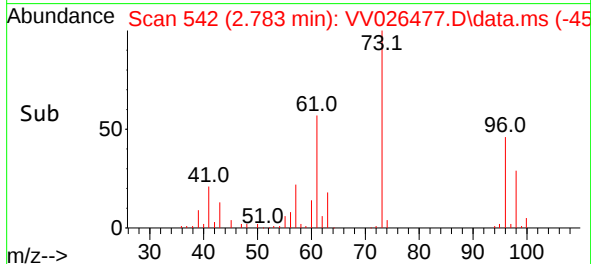
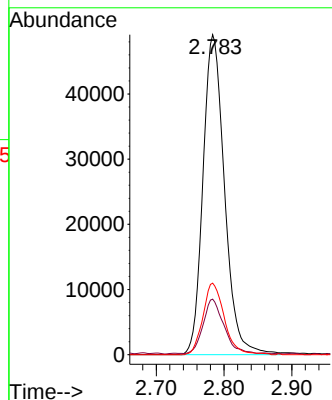
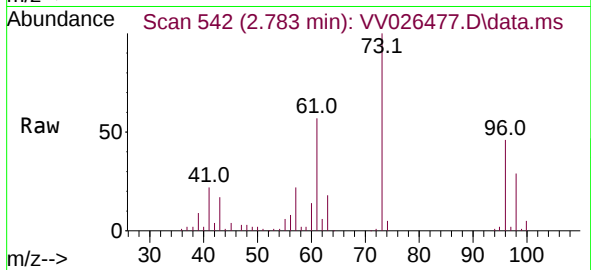




#17
Methyl tert-butyl Ether
Concen: 5.241 ug/L
RT: 2.783 min Scan# 541
Delta R.T. -0.010 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

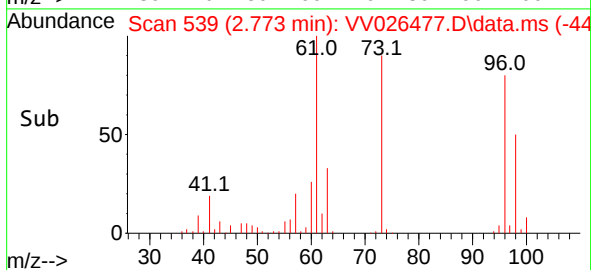
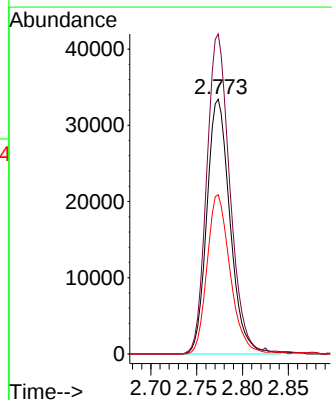
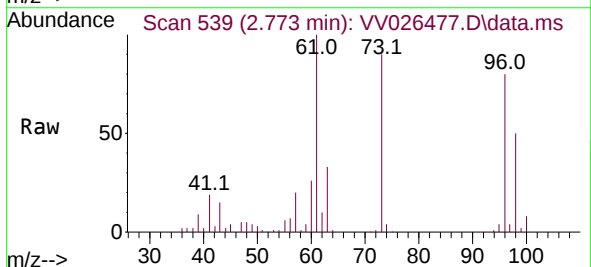
Instrument :
MSVOA_V
ClientSampleId :

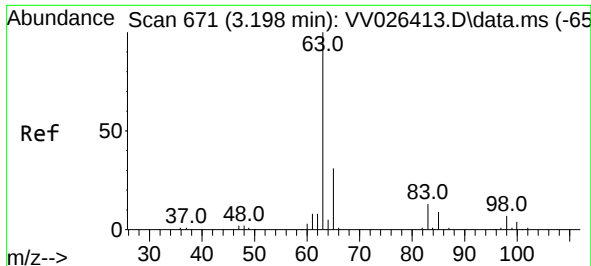
Tgt Ion: 73 Resp: 108650
Ion Ratio Lower Upper
73 100
43 16.2 13.0 19.6
57 22.2 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.038 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.006 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion: 96 Resp: 58913
Ion Ratio Lower Upper
96 100
61 125.6 91.3 169.6
98 62.5 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.196 ug/L

RT: 3.201 min Scan# 61

Delta R.T. -0.006 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

ClientSampleId :

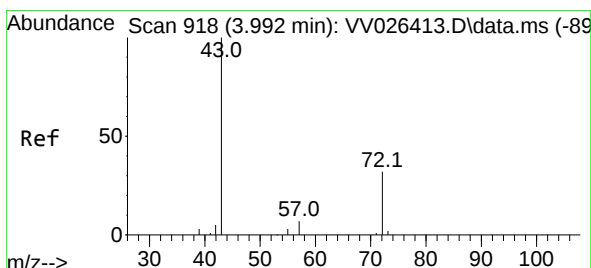
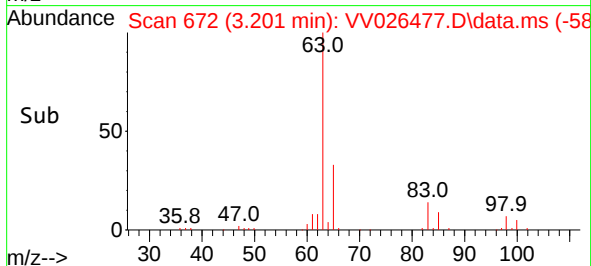
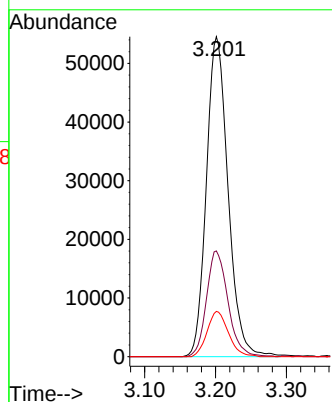
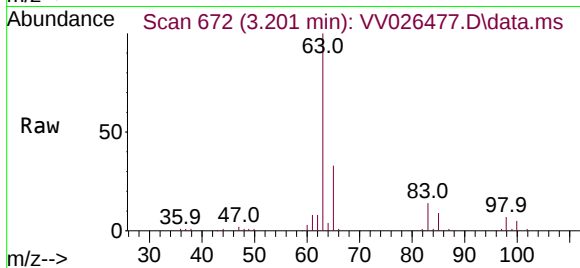
Tgt Ion: 63 Resp: 115886

Ion Ratio Lower Upper

63 100

65 33.1 22.3 41.3

83 14.1 8.9 16.5



#21

2-Butanone

Concen: 51.616 ug/L

RT: 4.011 min Scan# 924

Delta R.T. -0.003 min

Lab File: VV026477.D

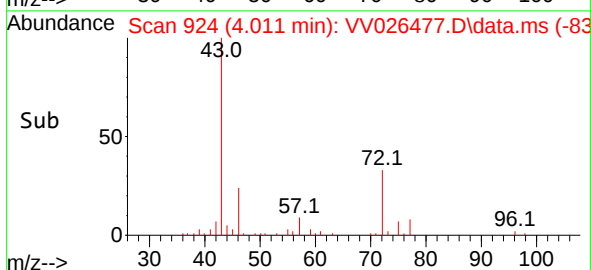
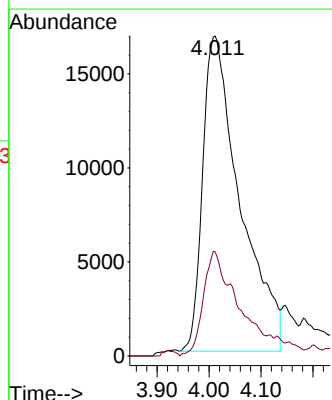
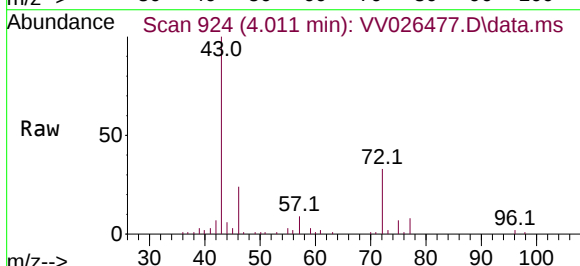
Acq: 21 Jun 2022 10:23

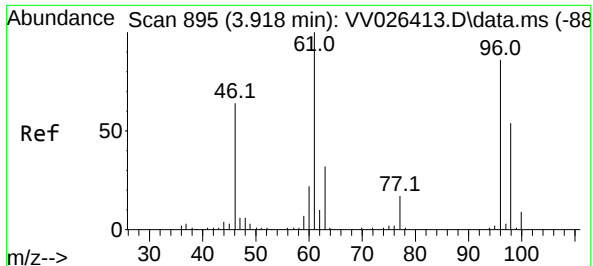
Tgt Ion: 43 Resp: 83722

Ion Ratio Lower Upper

43 100

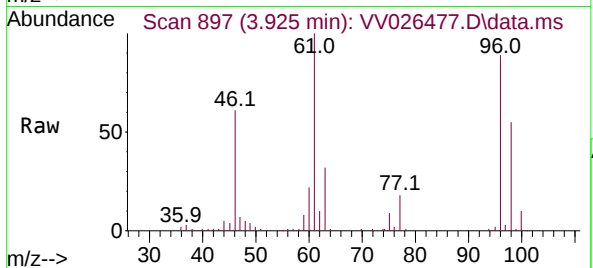
72 30.1 12.7 38.0



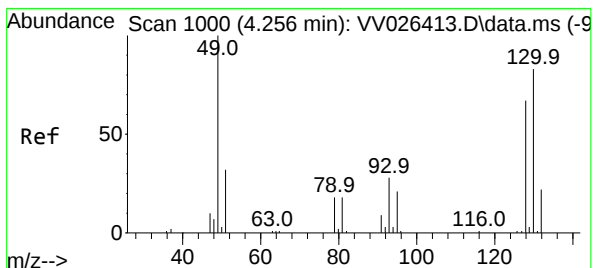
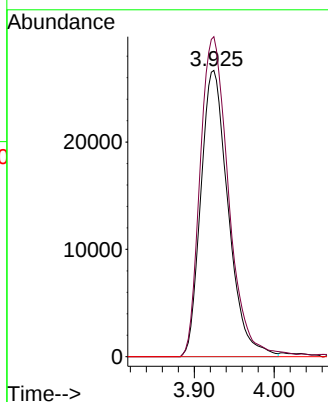
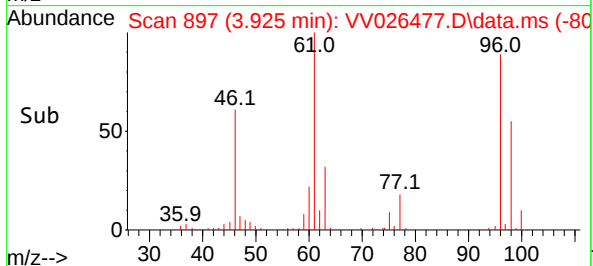


#22
cis-1,2-Dichloroethene
Concen: 5.378 ug/L
RT: 3.925 min Scan# 895
Delta R.T. -0.010 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

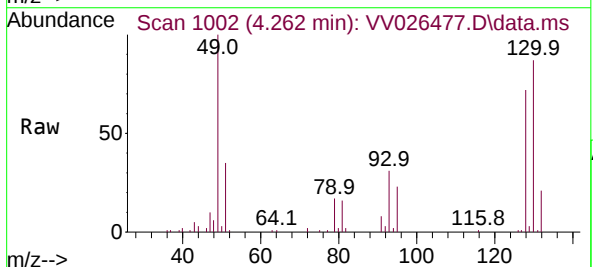
Instrument :
MSVOA_V
ClientSampleId :



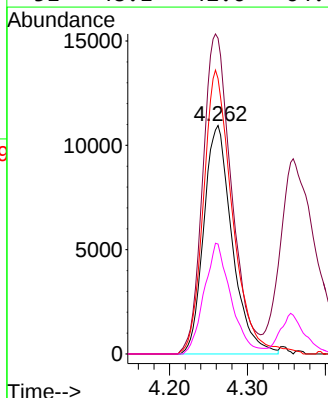
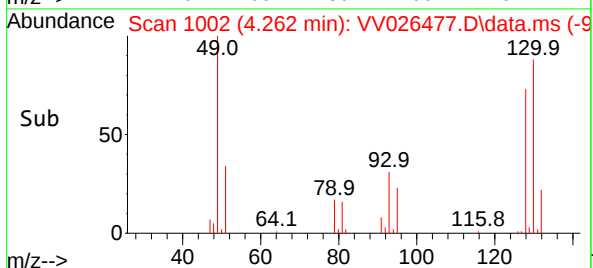
Tgt Ion: 96 Resp: 63626
Ion Ratio Lower Upper
96 100
61 111.8 83.6 155.2
68 0.0 0.0 0.0

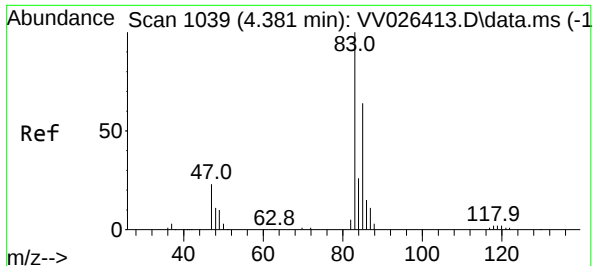


#23
Bromochloromethane
Concen: 5.506 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23



Tgt Ion: 128 Resp: 27643
Ion Ratio Lower Upper
128 100
49 138.2 111.6 207.2
130 120.5 91.1 169.1
51 48.1 42.6 64.0





#25

Chloroform

Concen: 5.127 ug/L

RT: 4.384 min Scan# 1039

Delta R.T. -0.010 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

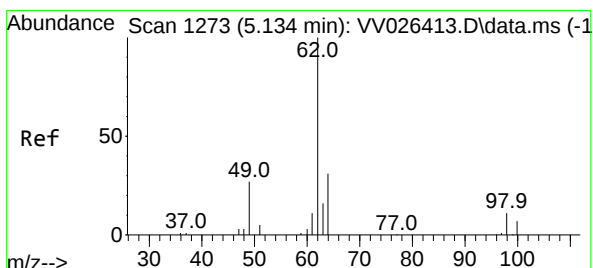
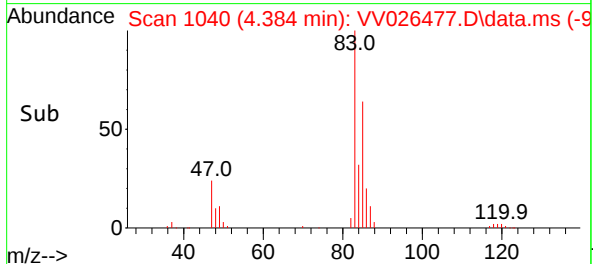
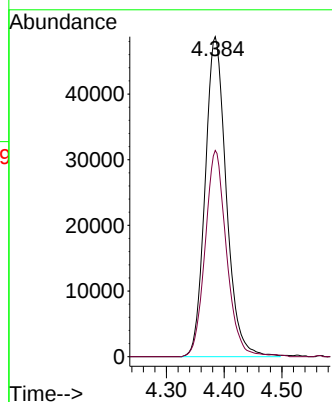
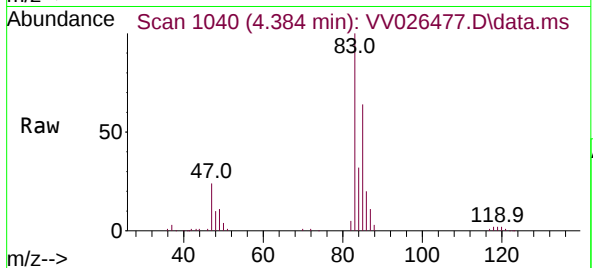
ClientSampleId :

Tgt Ion: 83 Resp: 124032

Ion Ratio Lower Upper

83 100

85 64.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.114 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VV026477.D

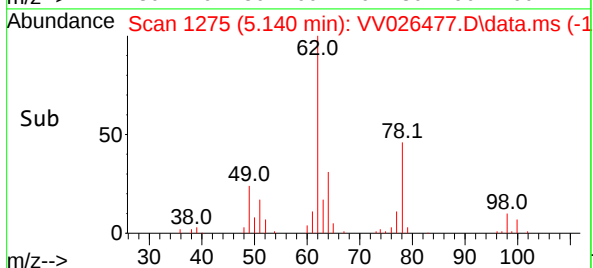
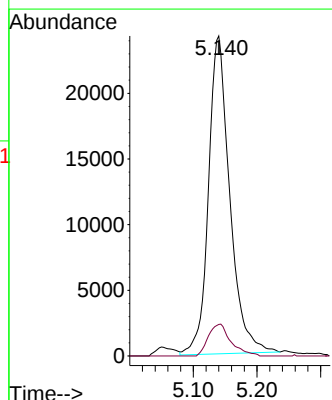
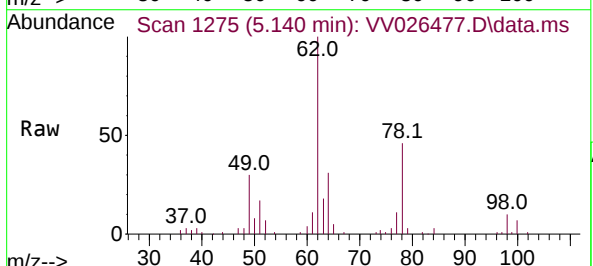
Acq: 21 Jun 2022 10:23

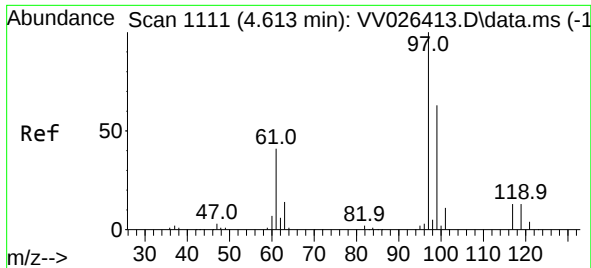
Tgt Ion: 62 Resp: 56311

Ion Ratio Lower Upper

62 100

98 9.9 8.6 13.0

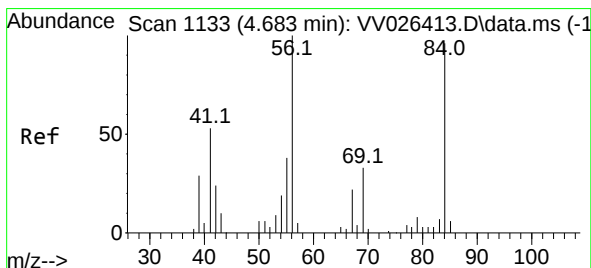
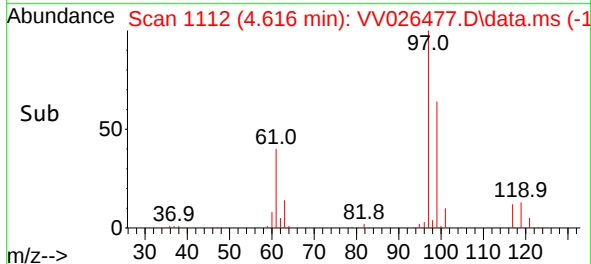
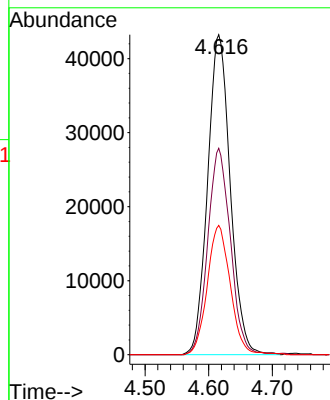
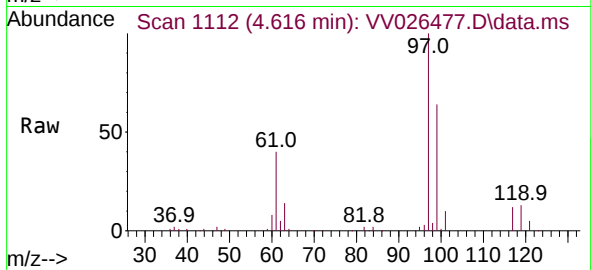




#29
1,1,1-Trichloroethane
Concen: 5.453 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. -0.010 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

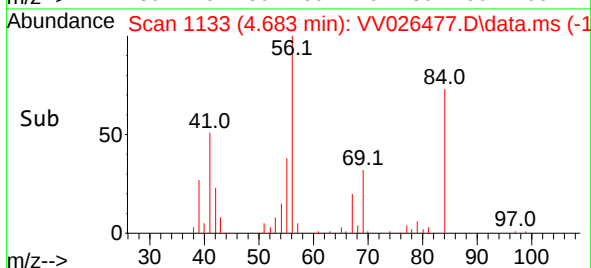
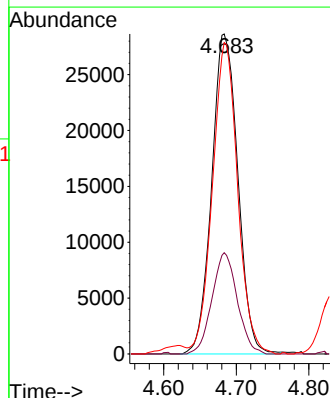
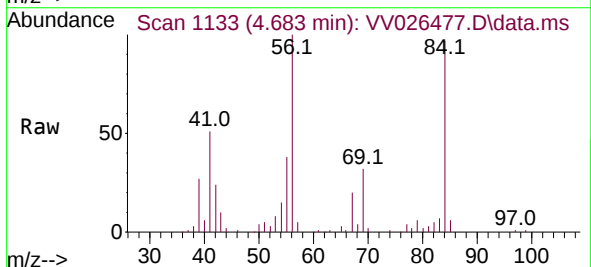
Instrument :
MSVOA_V
ClientSampleId :

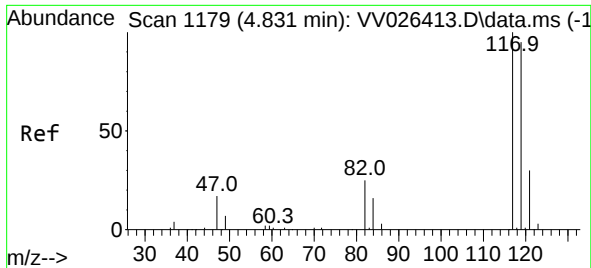
Tgt Ion: 97 Resp: 107024
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 41.1 33.4 50.0



#30
Cyclohexane
Concen: 4.881 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. -0.010 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion: 56 Resp: 71649
Ion Ratio Lower Upper
56 100
69 30.7 24.9 37.3
84 94.1 76.4 114.6

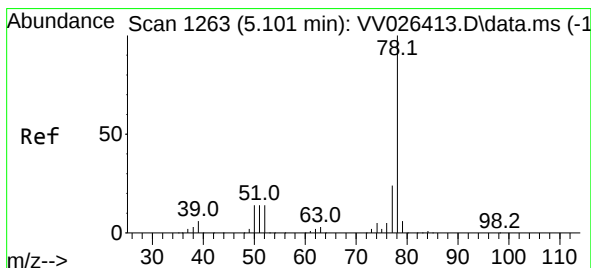
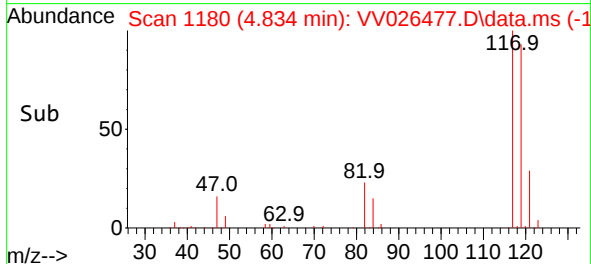
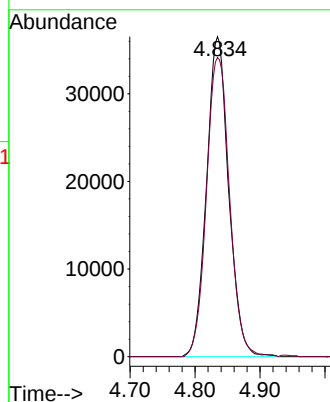
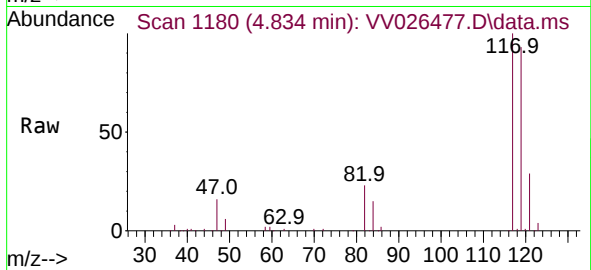




#31
Carbon tetrachloride
Concen: 5.224 ug/L
RT: 4.834 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

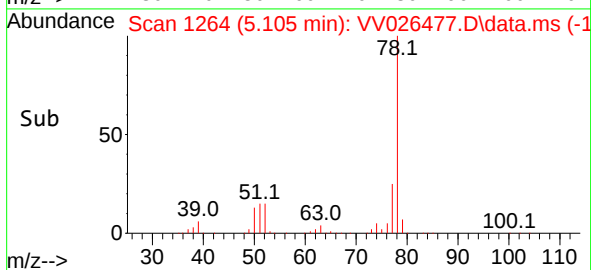
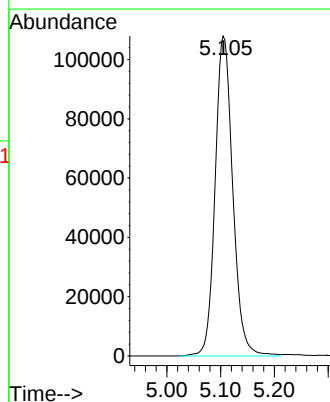
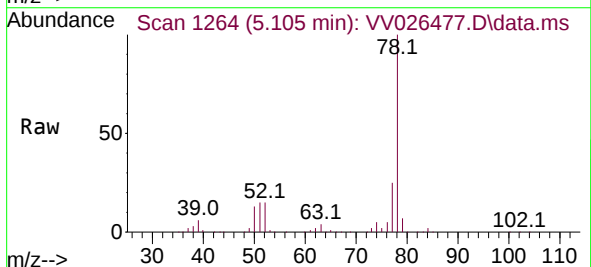
Instrument :
MSVOA_V
ClientSampleId :

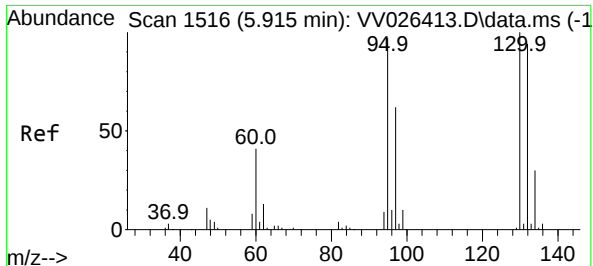
Tgt Ion:117 Resp: 86832
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.4



#33
Benzene
Concen: 5.410 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion: 78 Resp: 246372





#34

Trichloroethene

Concen: 4.980 ug/L

RT: 5.918 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 61908

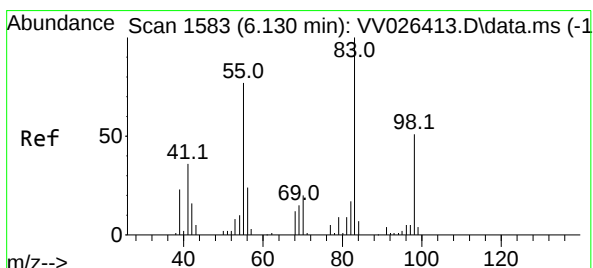
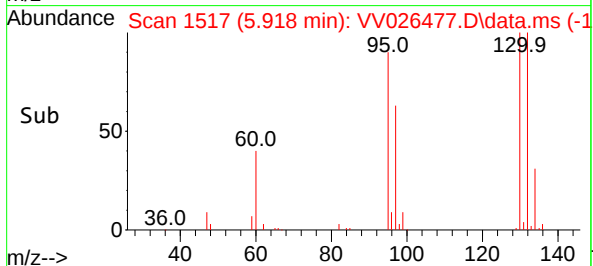
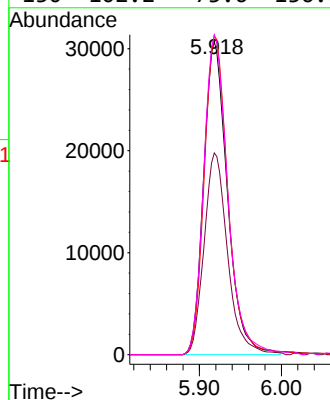
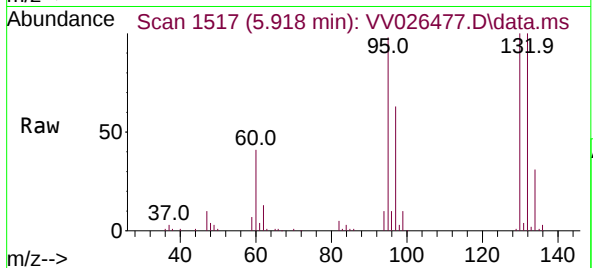
Ion Ratio Lower Upper

95 100

97 64.4 46.5 86.3

132 101.8 68.8 127.8

130 102.2 73.6 136.6



#35

Methylcyclohexane

Concen: 4.869 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.006 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

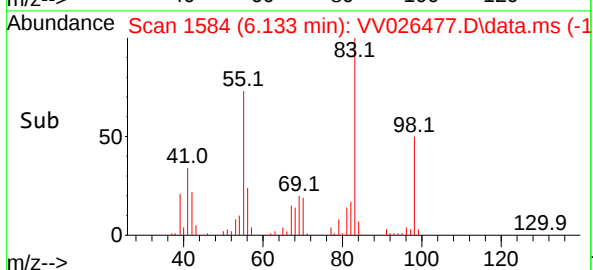
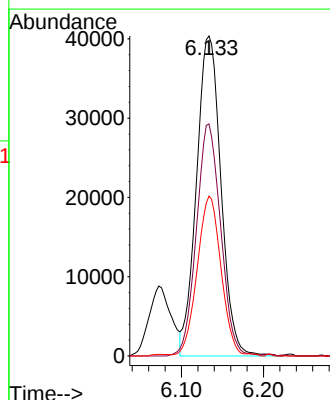
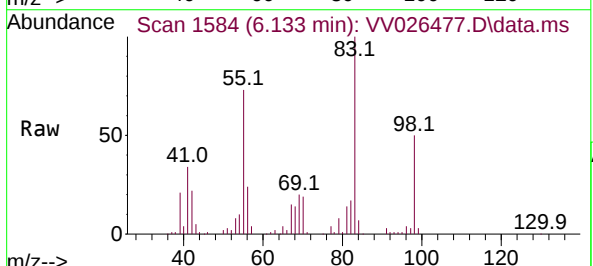
Tgt Ion: 83 Resp: 83742

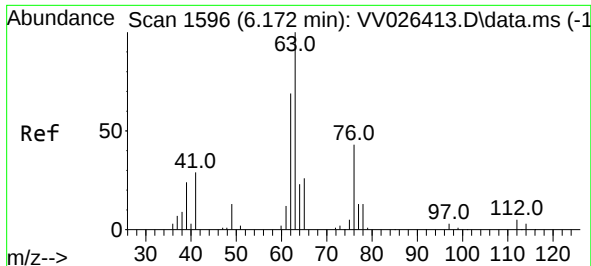
Ion Ratio Lower Upper

83 100

55 71.8 59.3 88.9

98 48.8 39.9 59.9





#37

1,2-Dichloropropane

Concen: 5.329 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

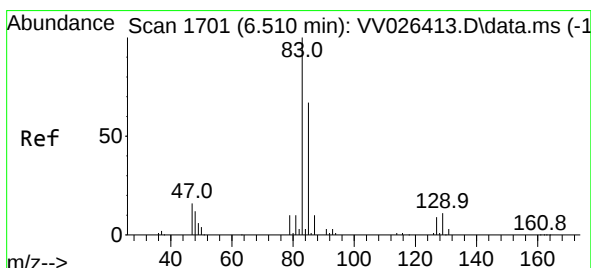
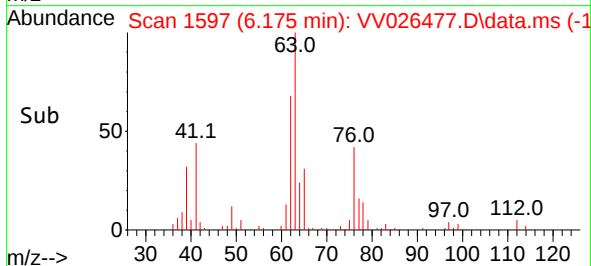
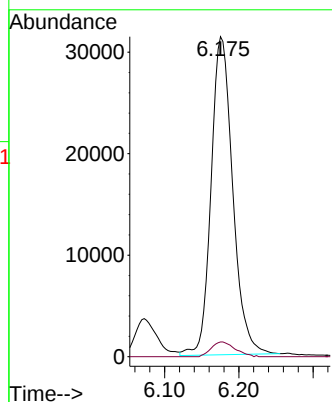
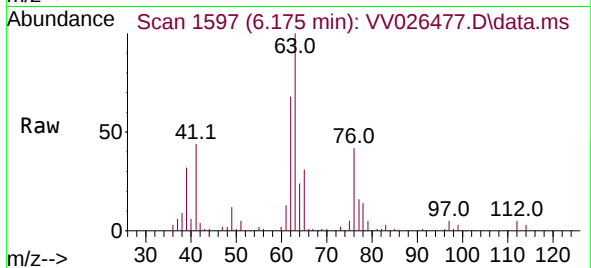
ClientSampleId :

Tgt Ion: 63 Resp: 63470

Ion Ratio Lower Upper

63 100

112 5.1 3.3 4.9#



#38

Bromodichloromethane

Concen: 5.349 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.003 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

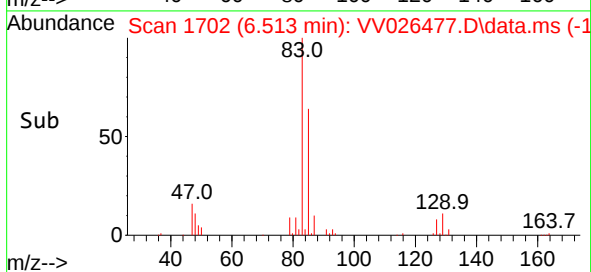
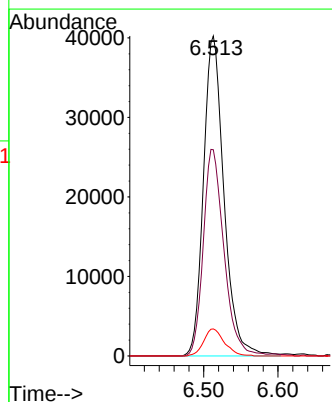
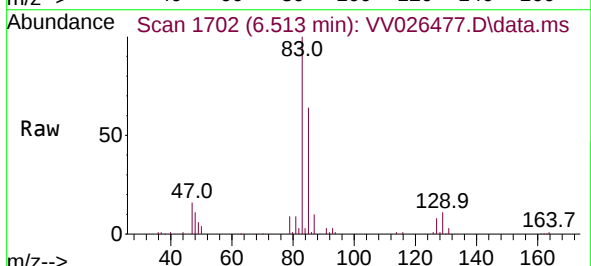
Tgt Ion: 83 Resp: 77275

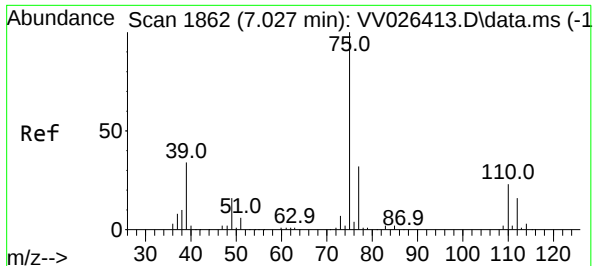
Ion Ratio Lower Upper

83 100

85 64.5 45.6 84.6

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.921 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. -0.003 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

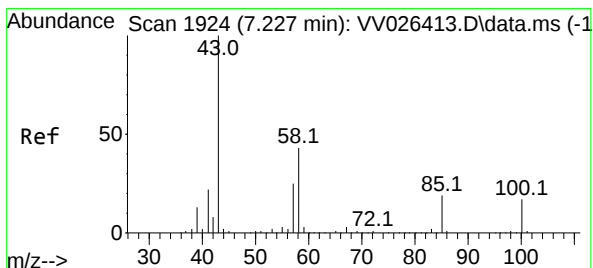
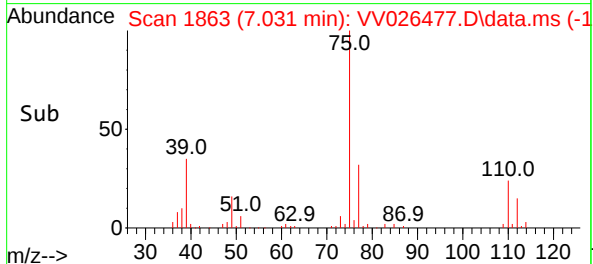
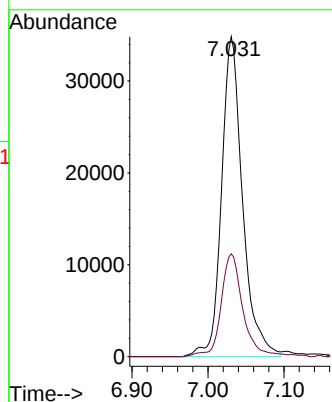
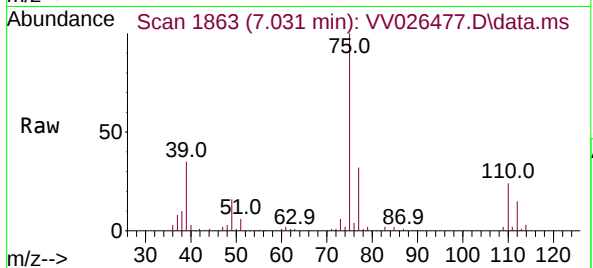
ClientSampleId :

Tgt Ion: 75 Resp: 66900

Ion Ratio Lower Upper

75 100

77 32.2 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 55.036 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.003 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

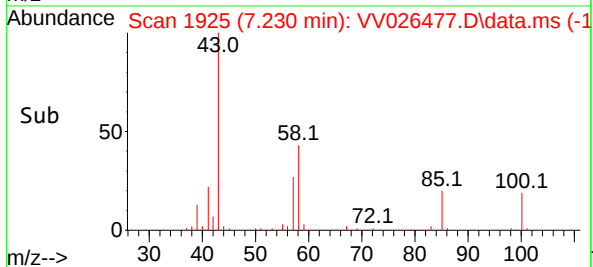
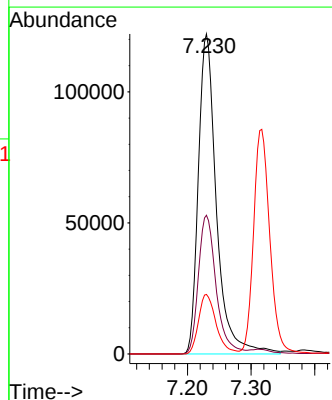
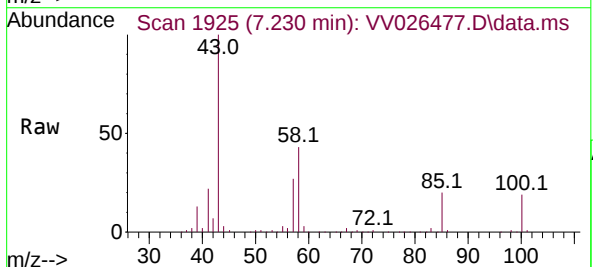
Tgt Ion: 43 Resp: 241022

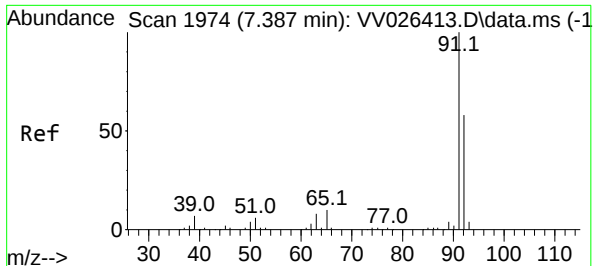
Ion Ratio Lower Upper

43 100

58 42.5 33.3 49.9

100 18.2 13.4 20.2





#42

Toluene

Concen: 5.689 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

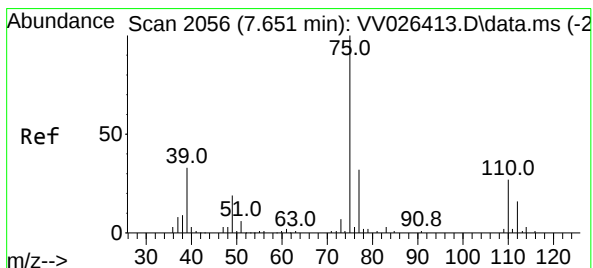
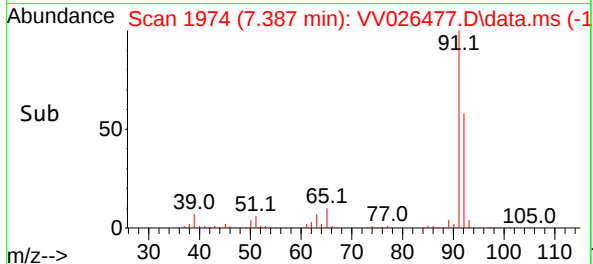
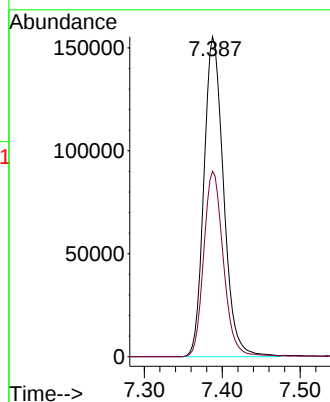
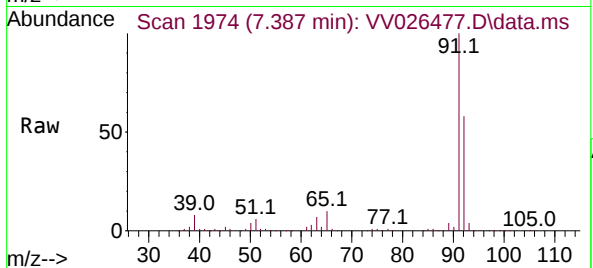
ClientSampleId :

Tgt Ion: 91 Resp: 272478

Ion Ratio Lower Upper

91 100

92 58.0 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.847 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.003 min

Lab File: VV026477.D

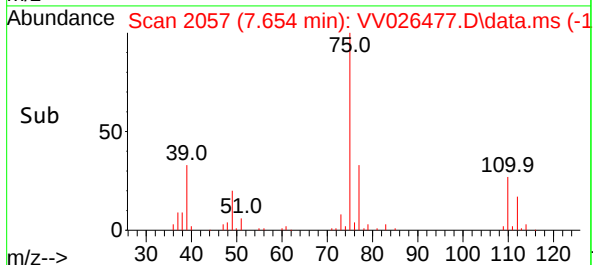
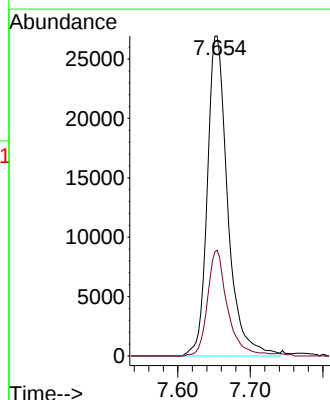
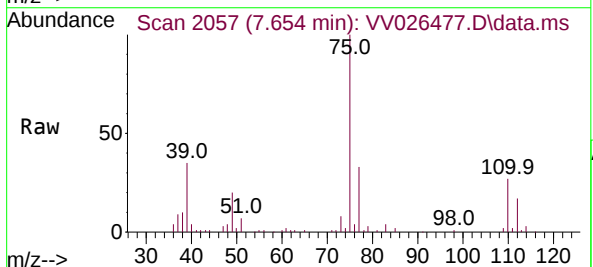
Acq: 21 Jun 2022 10:23

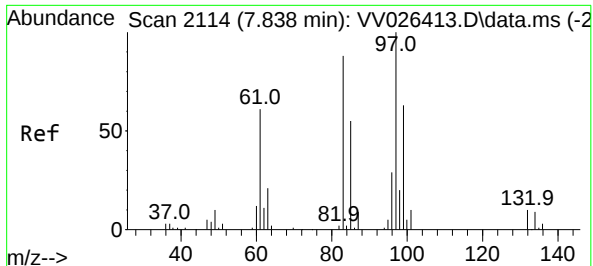
Tgt Ion: 75 Resp: 52617

Ion Ratio Lower Upper

75 100

77 33.1 23.7 43.9





#45

1,1,2-Trichloroethane

Concen: 5.464 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.006 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 42714

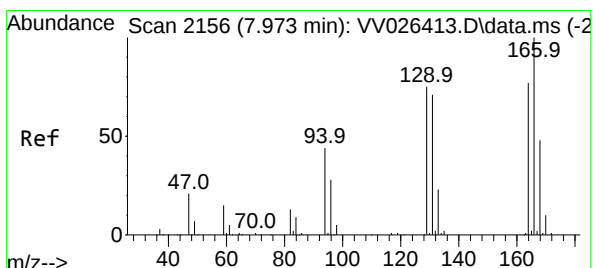
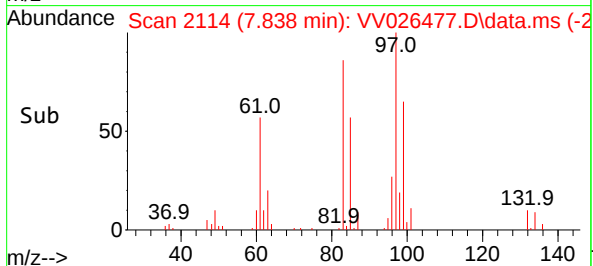
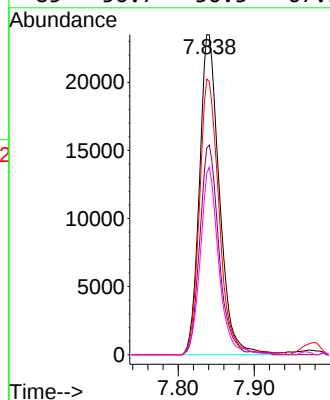
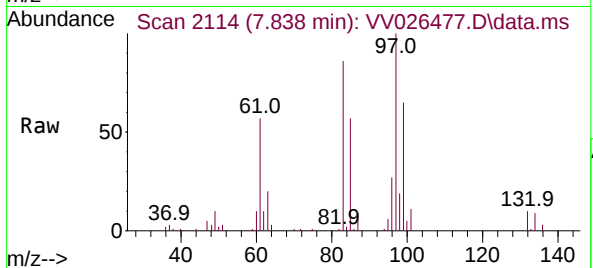
Ion Ratio Lower Upper

97 100

99 64.6 42.4 78.6

83 86.1 56.1 104.1

85 56.7 36.3 67.5



#47

Tetrachloroethene

Concen: 5.432 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Tgt Ion:164 Resp: 50018

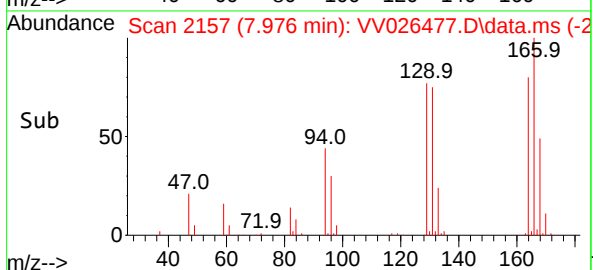
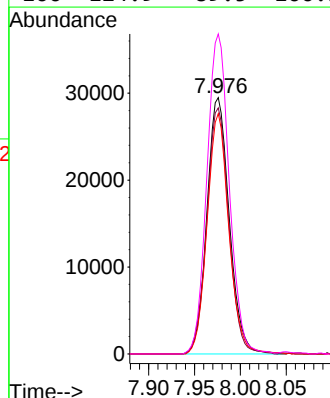
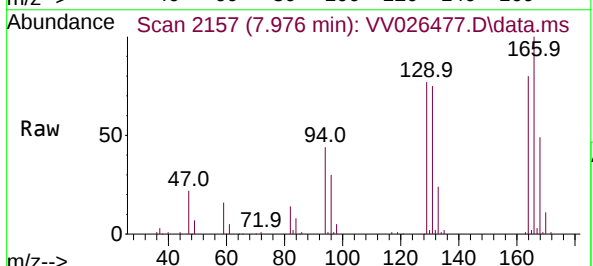
Ion Ratio Lower Upper

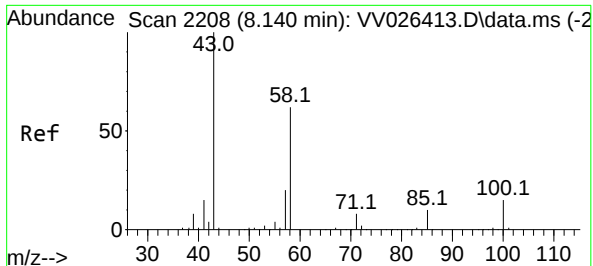
164 100

129 96.0 67.5 125.3

131 93.8 63.8 118.4

166 124.9 89.5 166.3

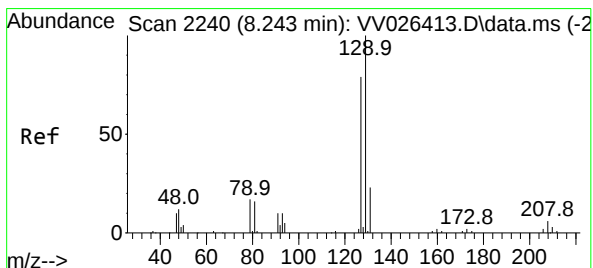
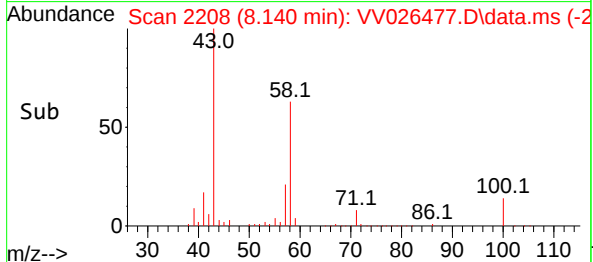
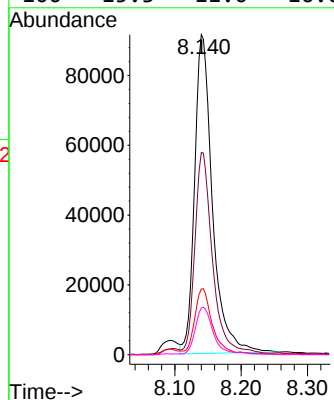
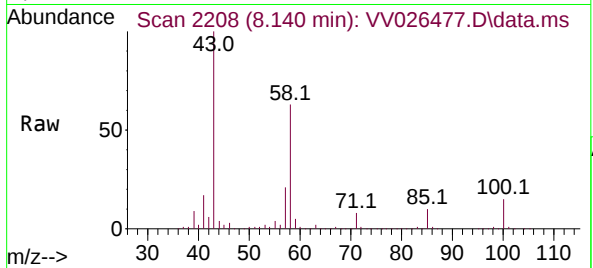




#48
2-Hexanone
Concen: 54.591 ug/L
RT: 8.140 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

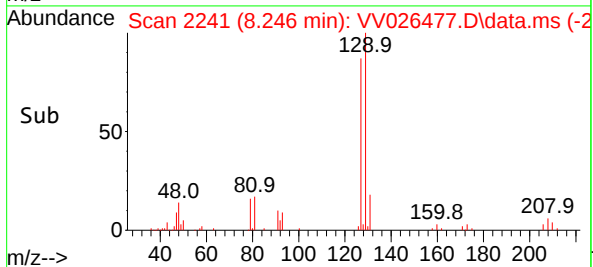
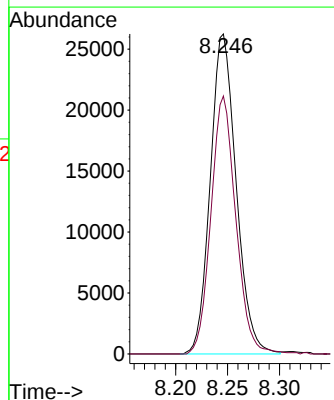
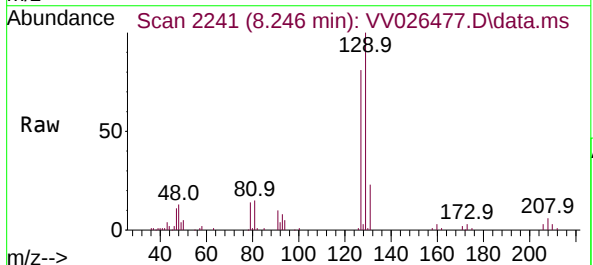
Instrument :
MSVOA_V
ClientSampleId :

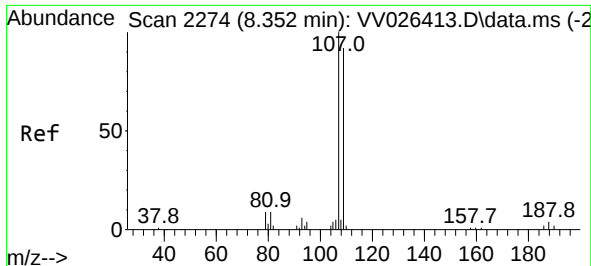
Tgt Ion: 43 Resp: 171287
Ion Ratio Lower Upper
43 100
58 61.9 48.7 73.1
57 19.0 16.0 24.0
100 15.3 11.0 16.6



#49
Dibromochloromethane
Concen: 5.253 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion: 129 Resp: 45481
Ion Ratio Lower Upper
129 100
127 80.6 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.427 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026477.D

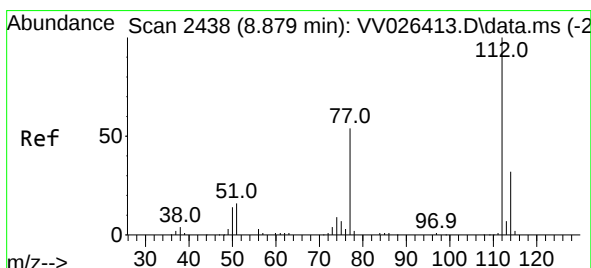
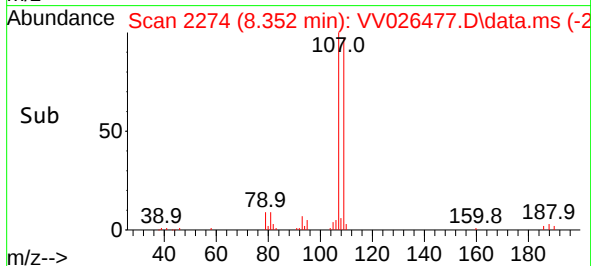
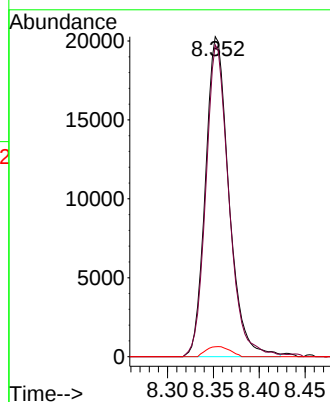
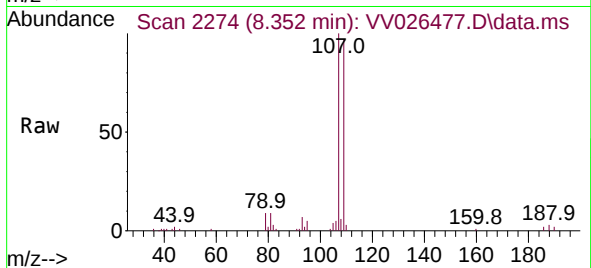
Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	36151
Ion Ratio	Lower	Upper
107	100	
109	97.4	65.2 121.2
188	3.1	2.9 4.3



#51

Chlorobenzene

Concen: 5.405 ug/L

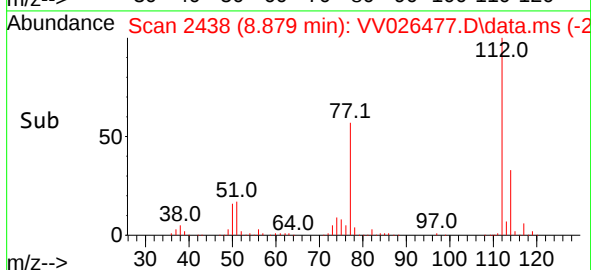
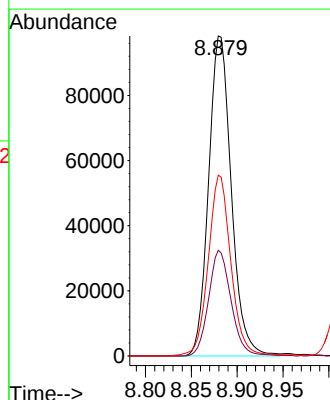
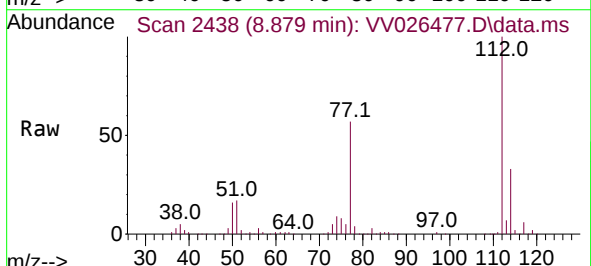
RT: 8.879 min Scan# 2438

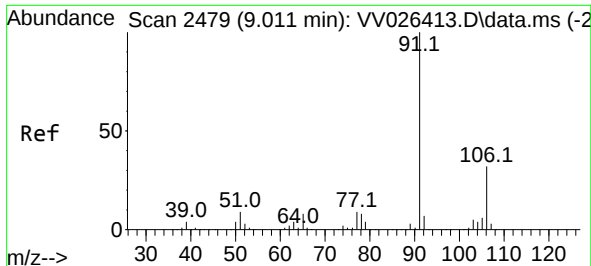
Delta R.T. -0.003 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Tgt Ion:112	Resp:	169029
Ion Ratio	Lower	Upper
112	100	
114	33.1	22.7 42.3
77	56.5	44.5 66.7

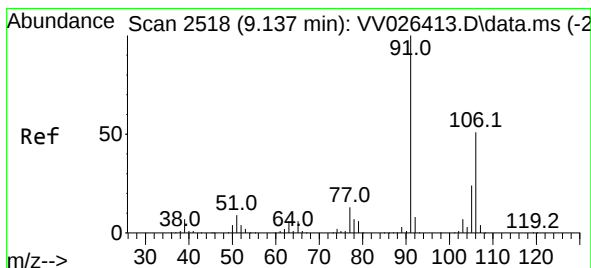
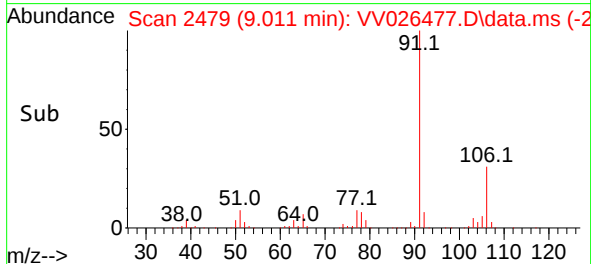
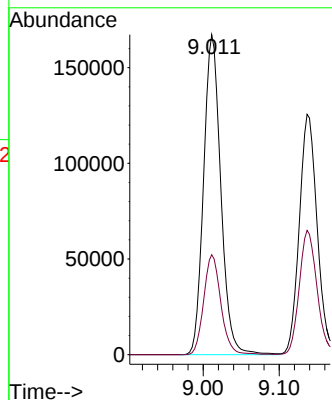
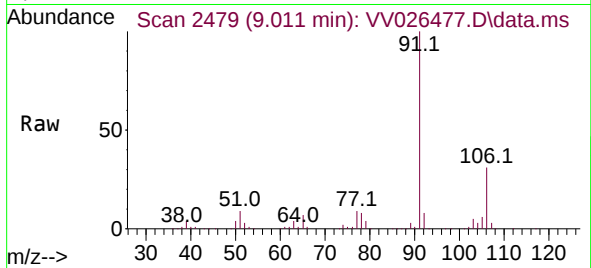




#52
Ethylbenzene
Concen: 5.487 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

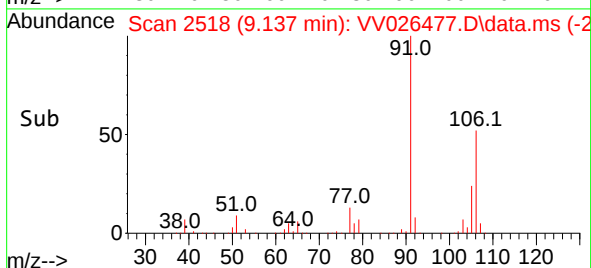
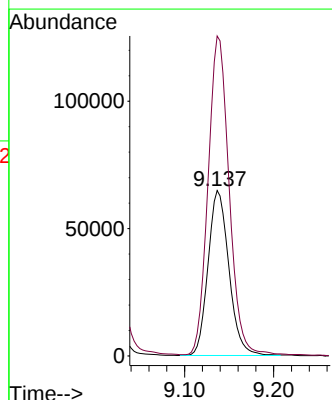
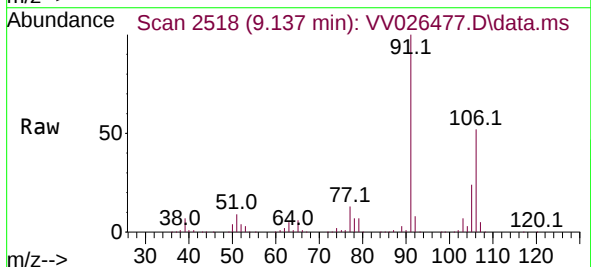
Instrument :
MSVOA_V
ClientSampleId :

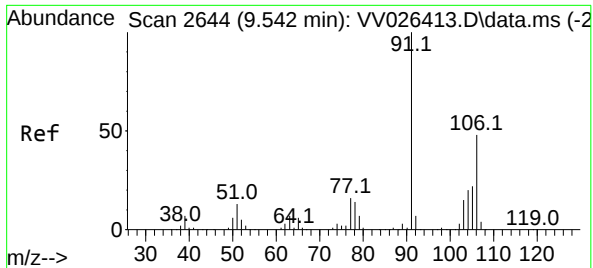
Tgt Ion: 91 Resp: 263436
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.633 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion: 106 Resp: 105433
Ion Ratio Lower Upper
106 100
91 193.4 141.3 262.3

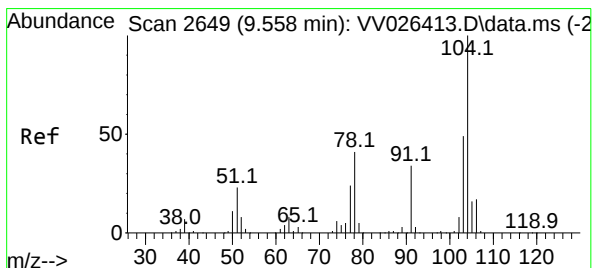
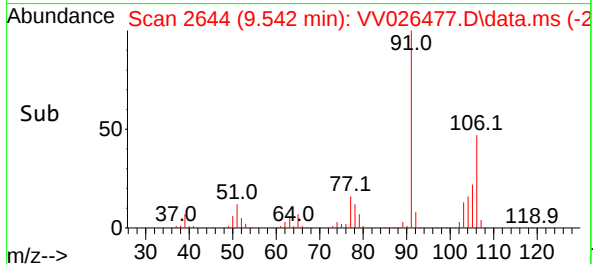
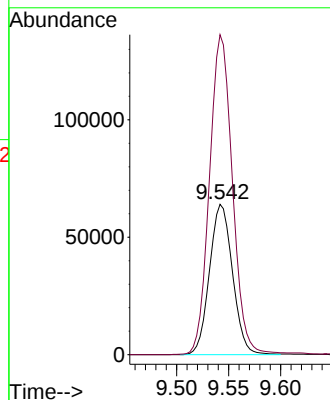
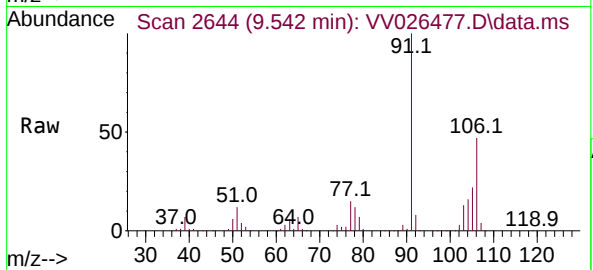




#54
o-Xylene
Concen: 5.453 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

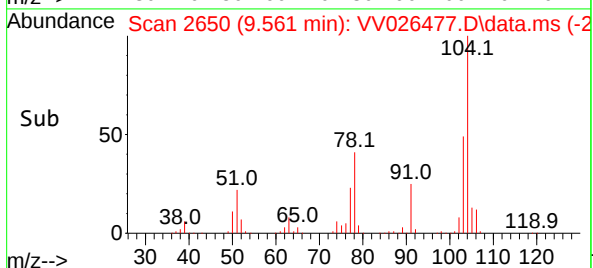
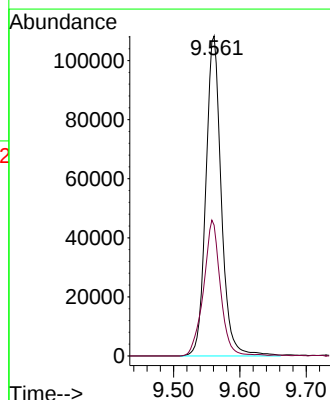
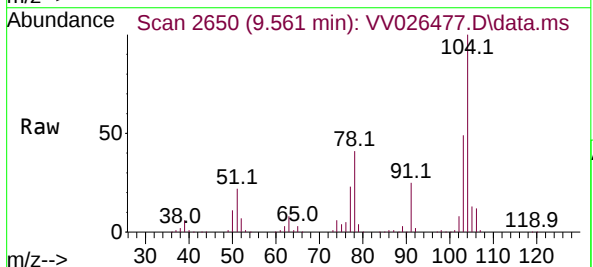
Instrument :
MSVOA_V
ClientSampleId :

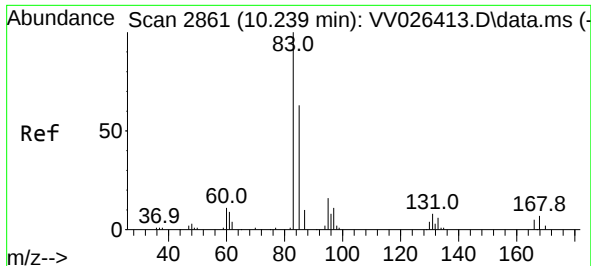
Tgt Ion:106 Resp: 98859
Ion Ratio Lower Upper
106 100
91 212.8 143.3 266.1



#55
Styrene
Concen: 5.755 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion:104 Resp: 175219
Ion Ratio Lower Upper
104 100
78 40.8 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 6.019 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

ClientSampleId :

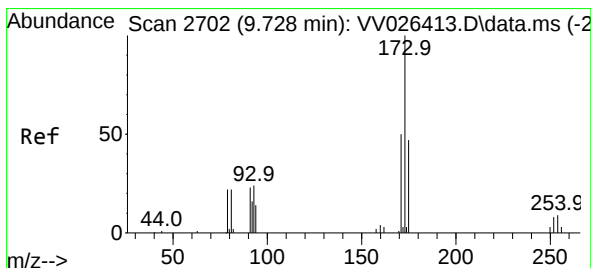
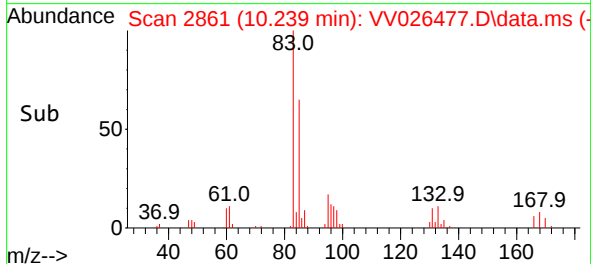
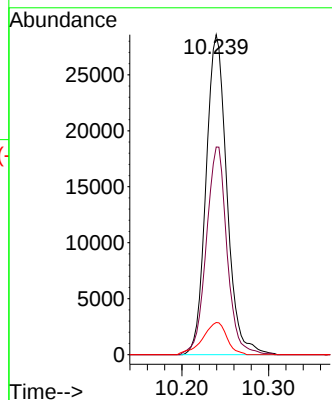
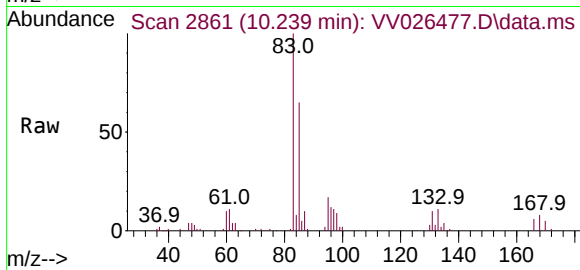
Tgt Ion: 83 Resp: 47730

Ion Ratio Lower Upper

83 100

85 64.9 47.1 87.5

131 10.0 7.7 11.5



#59

Bromoform

Concen: 4.961 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

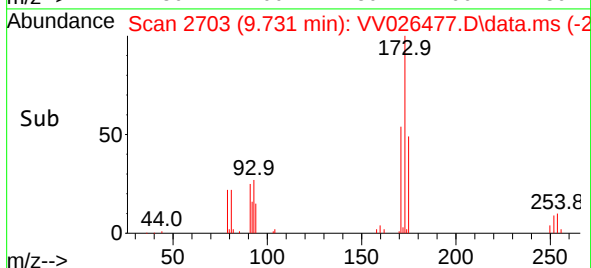
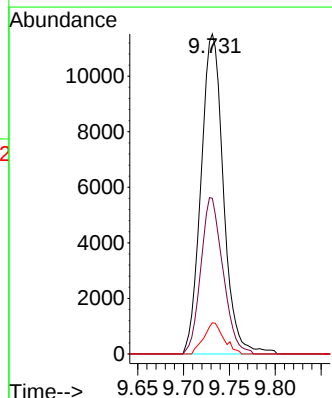
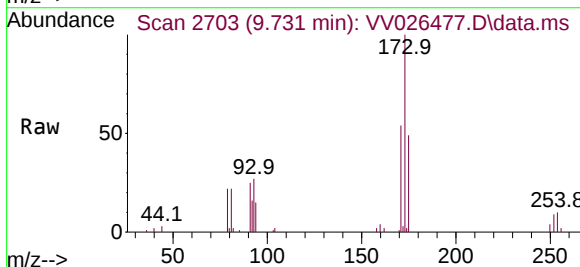
Tgt Ion: 173 Resp: 19591

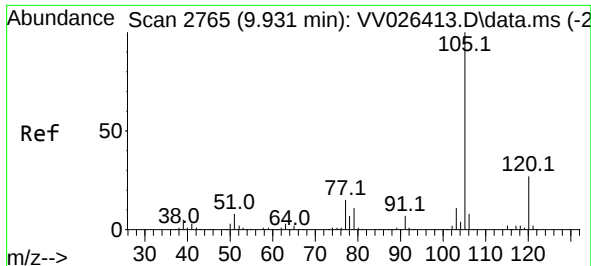
Ion Ratio Lower Upper

173 100

175 48.2 38.3 57.5

254 8.6 6.9 10.3

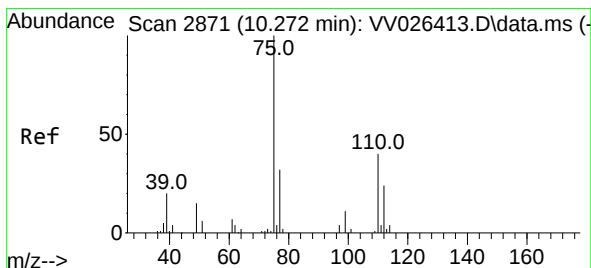
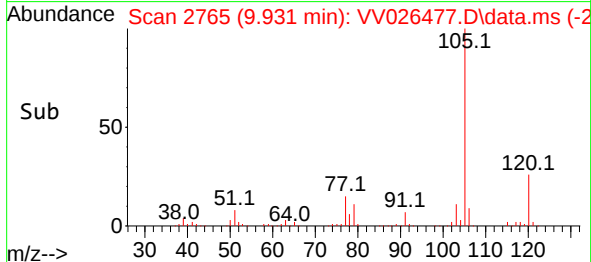
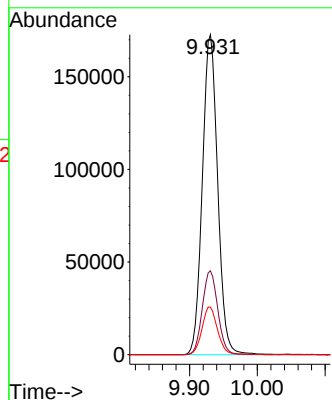
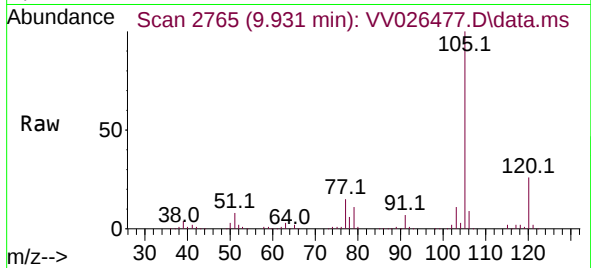




#60
Isopropylbenzene
Concen: 5.650 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

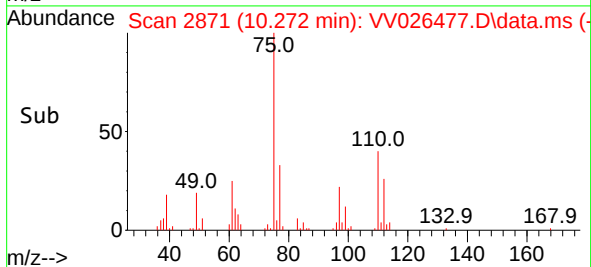
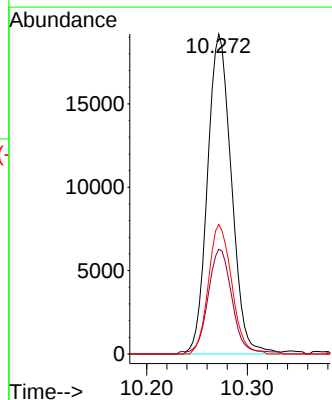
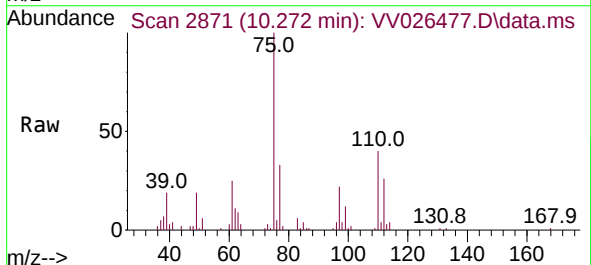
Instrument :
MSVOA_V
ClientSampleId :

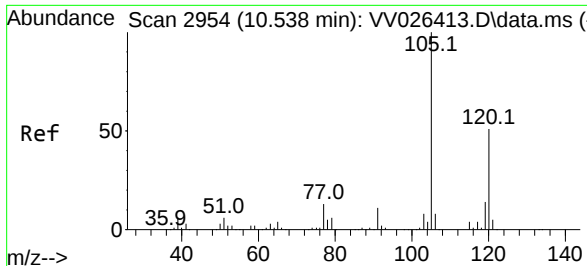
Tgt Ion:105 Resp: 270926
Ion Ratio Lower Upper
105 100
120 26.5 21.5 32.3
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.435 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion: 75 Resp: 31721
Ion Ratio Lower Upper
75 100
77 33.1 26.9 40.3
110 39.4 30.7 46.1





#62

1,3,5-Trimethylbenzene

Concen: 5.390 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

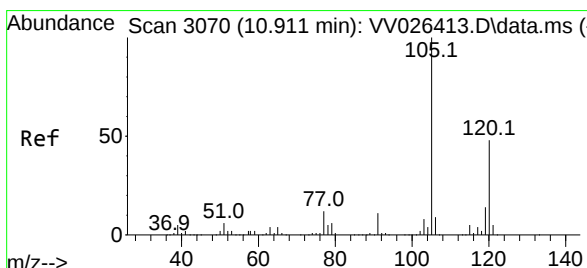
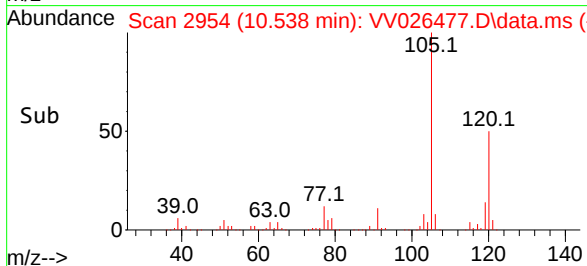
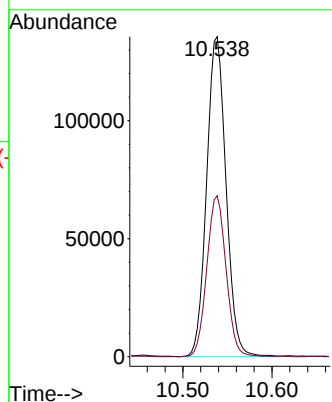
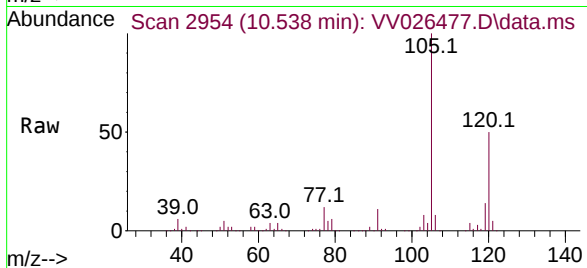
ClientSampleId :

Tgt Ion:105 Resp: 205061

Ion Ratio Lower Upper

105 100

120 50.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.577 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV026477.D

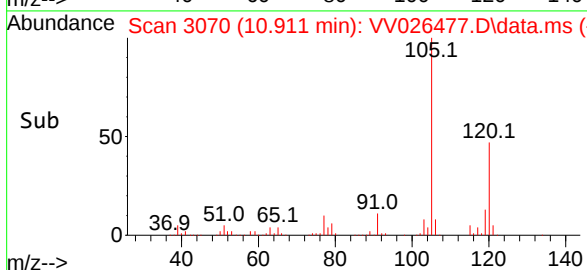
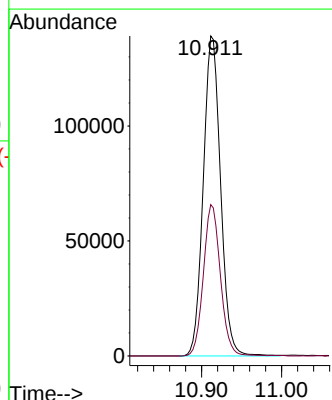
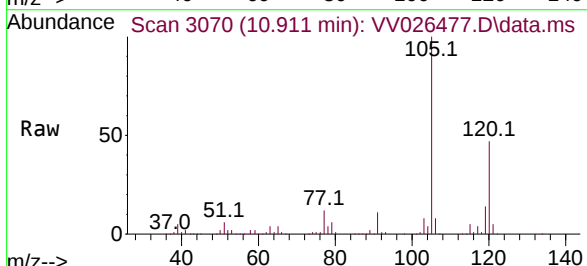
Acq: 21 Jun 2022 10:23

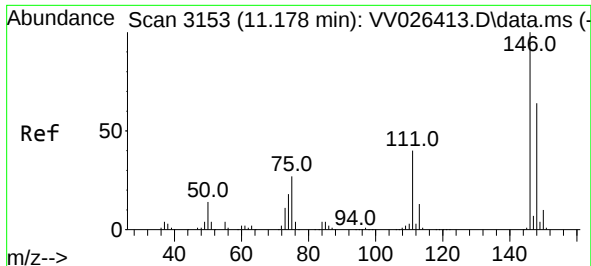
Tgt Ion:105 Resp: 210024

Ion Ratio Lower Upper

105 100

120 46.5 36.9 55.3

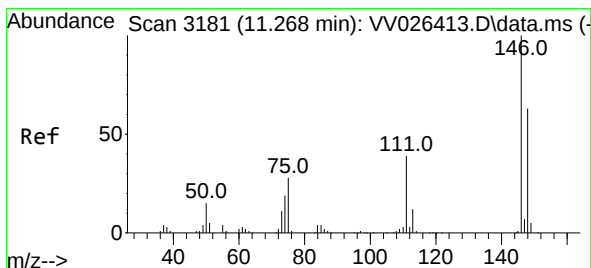
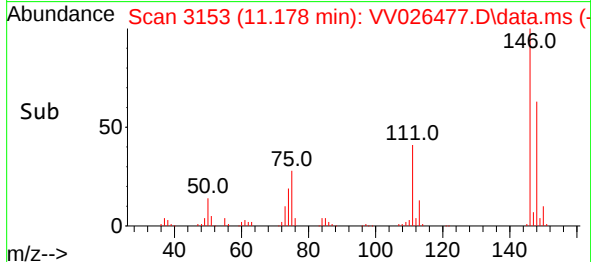
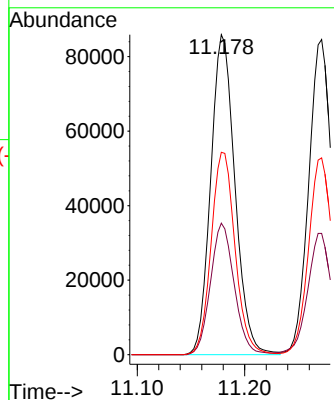
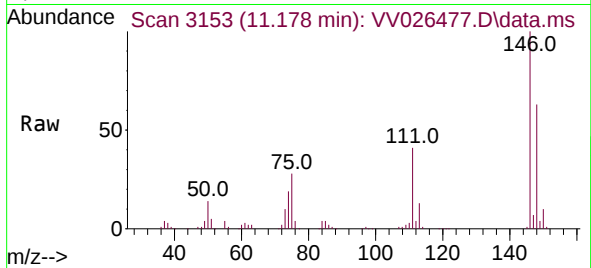




#64
1,3-Dichlorobenzene
Concen: 5.715 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

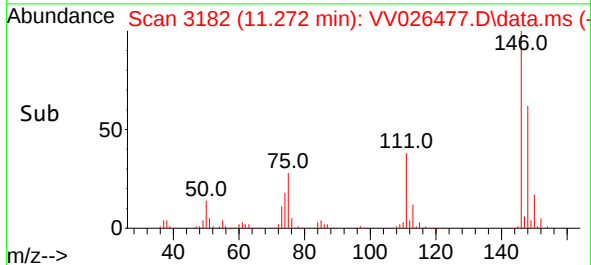
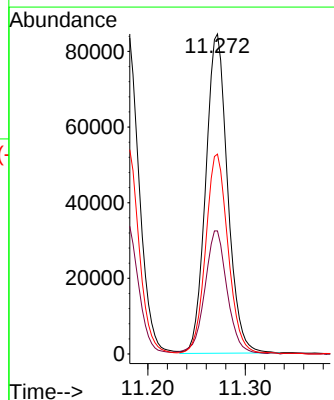
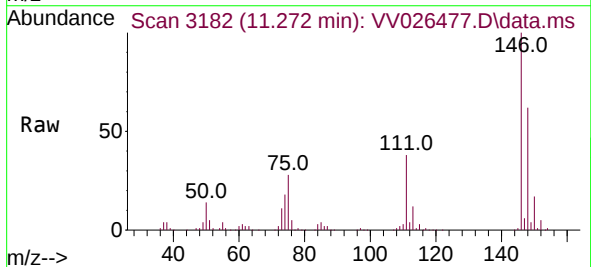
Instrument :
MSVOA_V
ClientSampleId :

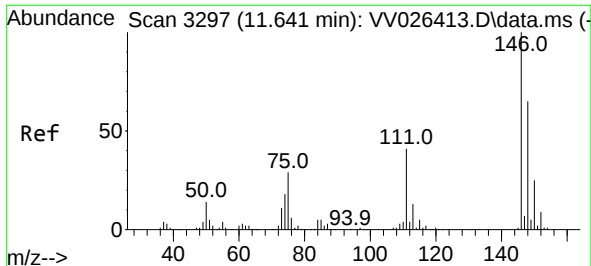
Tgt Ion:146 Resp: 134661
Ion Ratio Lower Upper
146 100
111 41.1 27.8 51.6
148 63.3 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.510 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion:146 Resp: 131922
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.7
148 62.4 43.3 80.3





#67

1,2-Dichlorobenzene

Concen: 5.622 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

Instrument :

MSVOA_V

ClientSampleId :

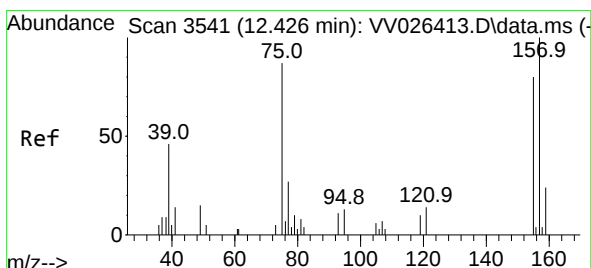
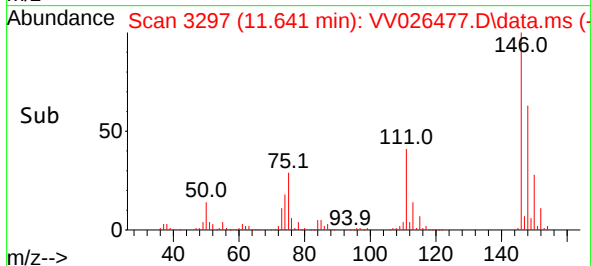
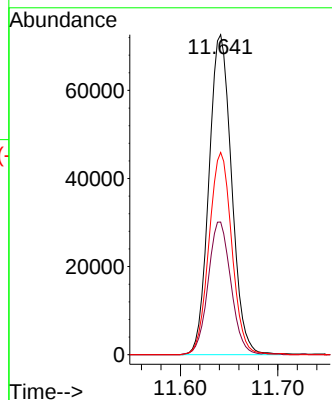
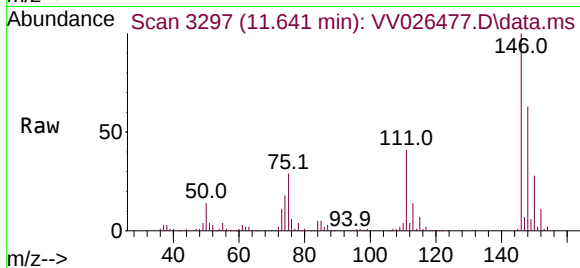
Tgt Ion:146 Resp: 117330

Ion Ratio Lower Upper

146 100

111 41.5 33.8 50.8

148 63.2 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.505 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV026477.D

Acq: 21 Jun 2022 10:23

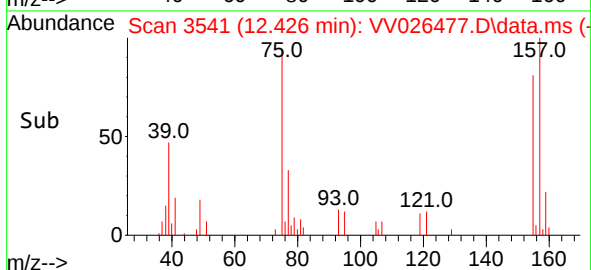
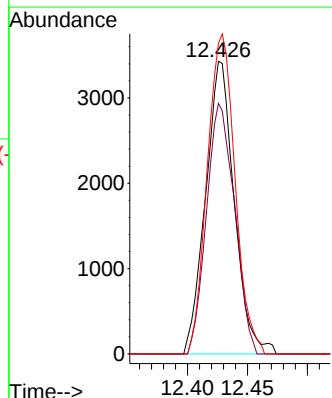
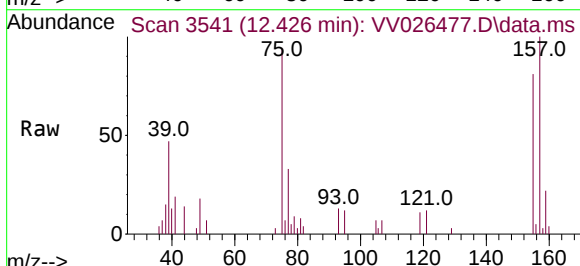
Tgt Ion: 75 Resp: 5691

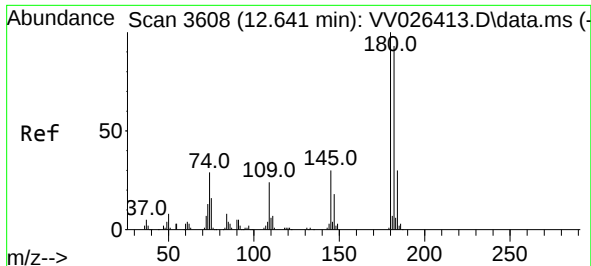
Ion Ratio Lower Upper

75 100

155 85.7 63.7 95.5

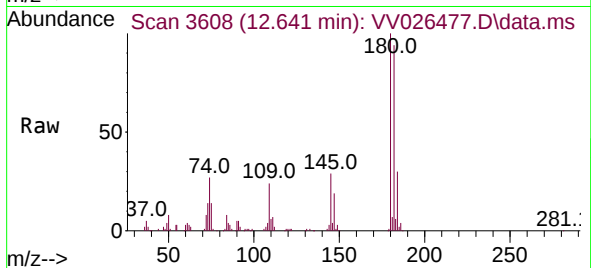
157 106.2 85.0 127.6



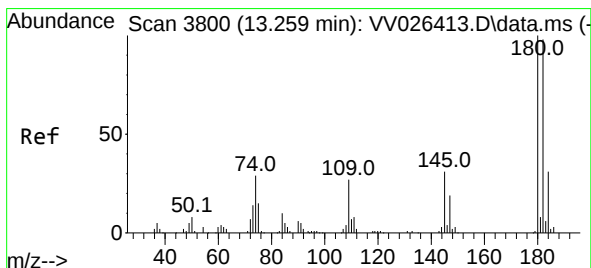
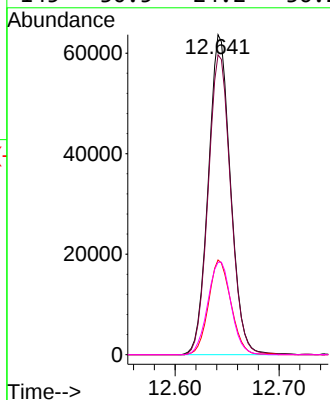
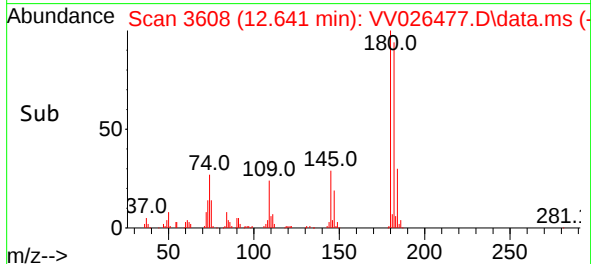


#69
 1,3,5-Trichlorobenzene
 Concen: 5.548 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.003 min
 Lab File: VV026477.D
 Acq: 21 Jun 2022 10:23

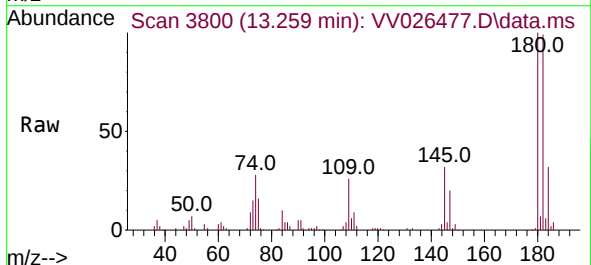
Instrument :
 MSVOA_V
 ClientSampleId :



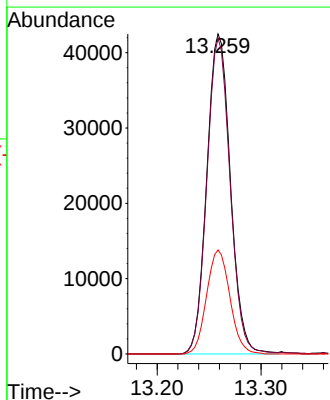
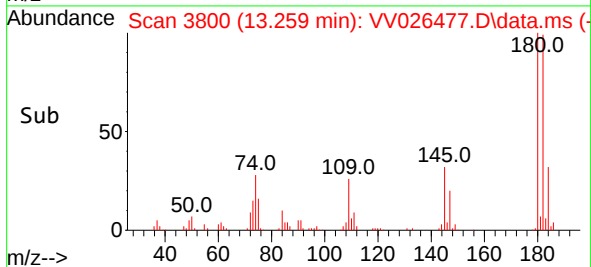
Tgt Ion:180 Resp: 94508
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.5 113.3
 184 29.8 23.7 35.5
 145 30.5 24.2 36.2

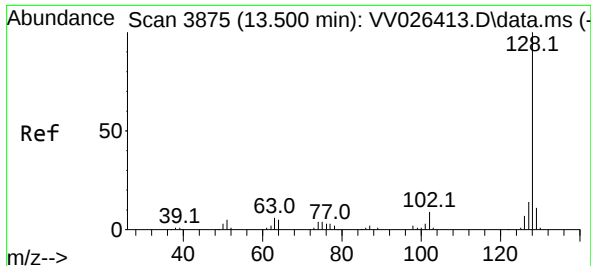


#70
 1,2,4-trichlorobenzene
 Concen: 5.331 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026477.D
 Acq: 21 Jun 2022 10:23



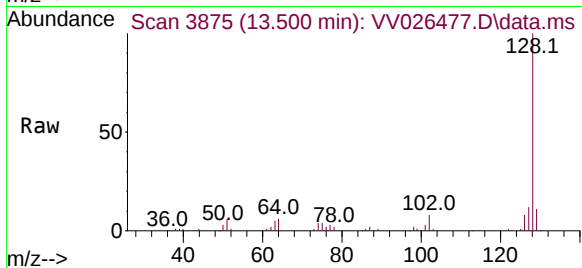
Tgt Ion:180 Resp: 66977
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.2 114.2
 145 32.0 23.9 35.9



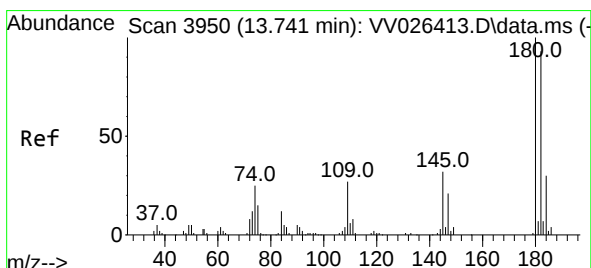
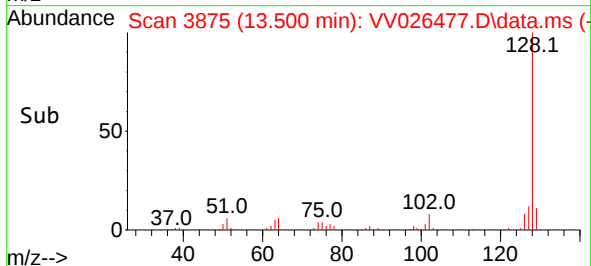
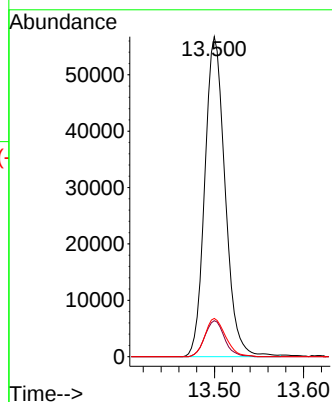


#71
Naphthalene
Concen: 5.144 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 89747
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.2 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.417 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026477.D
Acq: 21 Jun 2022 10:23

Tgt Ion:180 Resp: 56979
Ion Ratio Lower Upper
180 100
182 93.3 77.9 116.9
145 31.9 26.7 40.1

