

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VV024110.D
 Acq On : 20 Dec 2021 00:14
 Operator : SY/MD
 Sample : M5148-10MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 04:19:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	92478	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	96022	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59062	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18850	3.792	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.568	69	17992	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.111	63	49195	5.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	3.953	46	32791	33.760	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.520%
24) Chloroform-d	4.352	84	52436	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.037	65	24973	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.050	84	92118	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.069	67	27022	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.313	98	92937	5.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
43) trans-1,3-Dichloroprop...	7.622	79	10765	4.522	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.095	63	35255	33.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21643	4.547	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	37249	4.721	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	37552	4.665	ug/L	100
3) Chloromethane	1.240	50	32221	4.685	ug/L	96
5) Vinyl chloride	1.310	62	36143	4.845	ug/L	99
6) Bromomethane	1.523	94	22771	4.804	ug/L	98
8) Chloroethane	1.584	64	24202	4.986	ug/L	99
9) Trichlorofluoromethane	1.754	101	69621	5.371	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	35219	5.159	ug/L	99
12) 1,1-Dichloroethene	2.118	96	32309	5.207	ug/L	98
13) Acetone	2.246	43	24278	31.243	ug/L	89
14) Carbon disulfide	2.294	76	78952	4.387	ug/L	99
15) Methyl Acetate	2.455	43	8306	4.410	ug/L	100
16) Methylene chloride	2.507	84	35613	4.387	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	74871	5.336	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	34522	5.026	ug/L	95
19) 1,1-Dichloroethane	3.191	63	62725	5.089	ug/L	98
21) 2-Butanone	4.027	43	39767	35.817	ug/L #	75
22) cis-1,2-Dichloroethene	3.915	96	36171	4.975	ug/L	100
23) Bromochloromethane	4.252	128	17684	5.353	ug/L	90
25) Chloroform	4.378	83	72129	5.264	ug/L	98

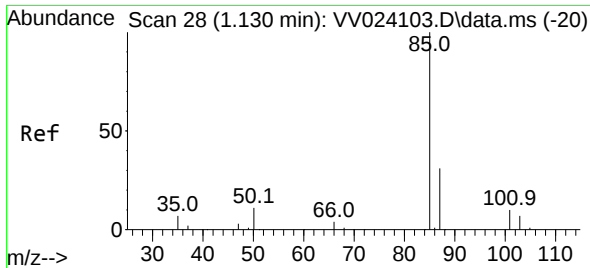
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
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Quant Time: Dec 20 04:19:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	39938	5.379	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	68479	5.451	ug/L	99
30) Cyclohexane	4.677	56	46703	4.687	ug/L	96
31) Carbon tetrachloride	4.828	117	61206	5.183	ug/L	99
33) Benzene	5.101	78	142875	5.260	ug/L	100
34) Trichloroethene	5.915	95	37335	4.873	ug/L	97
35) Methylcyclohexane	6.130	83	51855	4.598	ug/L	97
37) 1,2-Dichloropropane	6.175	63	34615	5.361	ug/L	99
38) Bromodichloromethane	6.510	83	46912	5.129	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	44631	4.657	ug/L	93
40) 4-Methyl-2-pentanone	7.230	43	154867	49.934	ug/L	98
42) Toluene	7.387	91	162284	5.308	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	39798	4.804	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	25886	5.419	ug/L	98
47) Tetrachloroethene	7.976	164	33816	5.013	ug/L	99
48) 2-Hexanone	8.143	43	124635	55.422	ug/L	90
49) Dibromochloromethane	8.246	129	32940	5.069	ug/L	97
50) 1,2-Dibromoethane	8.352	107	22678	5.114	ug/L	96
51) Chlorobenzene	8.879	112	105917	5.184	ug/L	98
52) Ethylbenzene	9.011	91	163049	5.055	ug/L	99
53) m,p-xylene	9.137	106	64850	5.084	ug/L	97
54) o-xylene	9.542	106	64877	5.259	ug/L	94
55) Styrene	9.561	104	113360	5.520	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	26730	5.110	ug/L	93
59) Bromoform	9.731	173	17836	4.705	ug/L	96
60) Isopropylbenzene	9.931	105	174016	5.018	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	20638	5.129	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	140821	4.895	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	146647	5.117	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	90912	5.126	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	89921	5.048	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	82503	5.078	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4244	4.830	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	67717	4.642	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	51958	4.535	ug/L	99
71) Naphthalene	13.500	128	75466	4.583	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	48314	4.777	ug/L	98

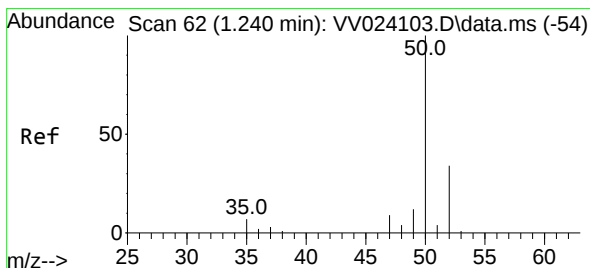
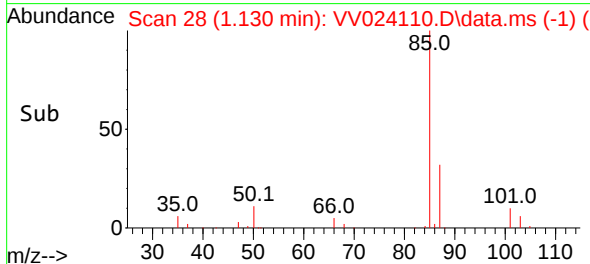
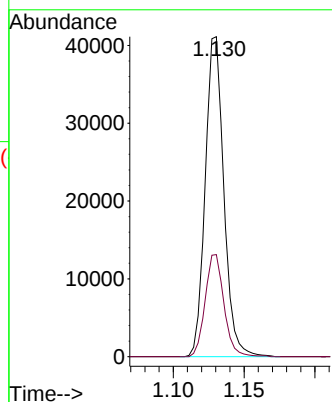
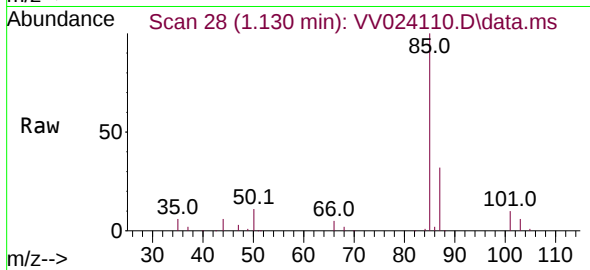
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#2
 Dichlorodifluoromethane
 Concen: 4.665 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024110.D
 Acq: 20 Dec 2021 00:14

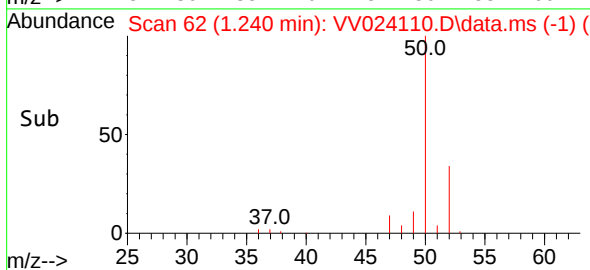
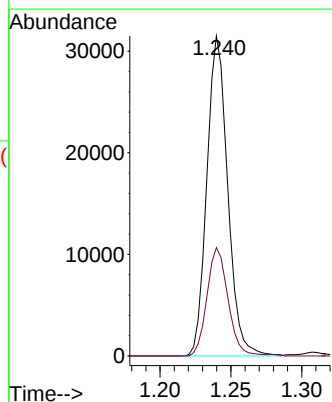
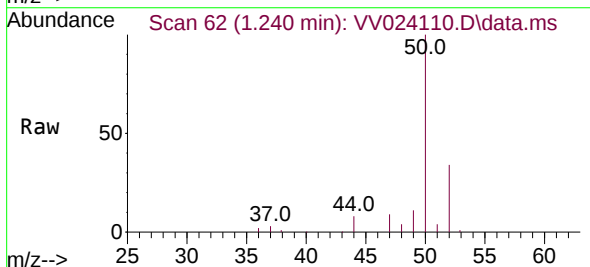
Instrument :
 MSVOA_V
 ClientSampleId :

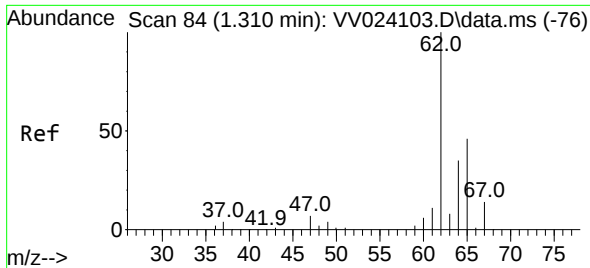
Tgt Ion: 85 Resp: 37552
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 4.685 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024110.D
 Acq: 20 Dec 2021 00:14

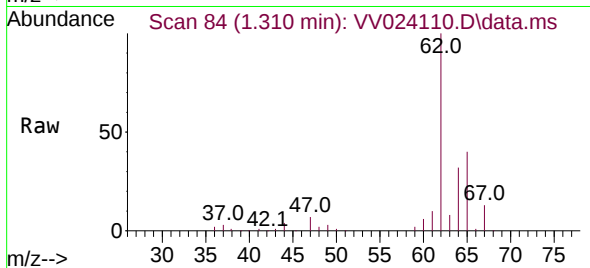
Tgt Ion: 50 Resp: 32221
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.0 41.0



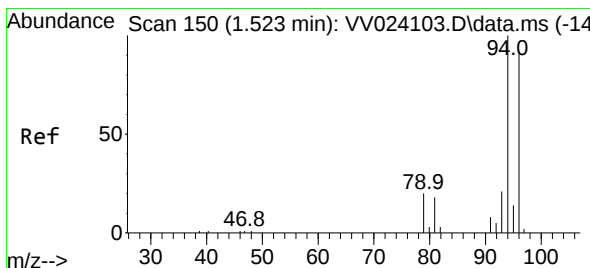
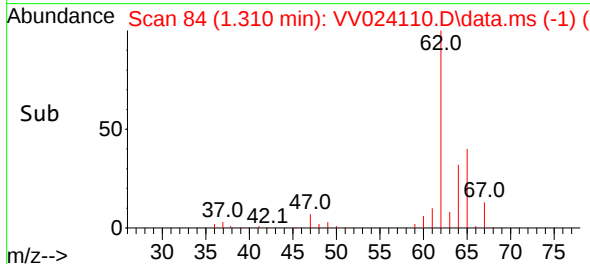
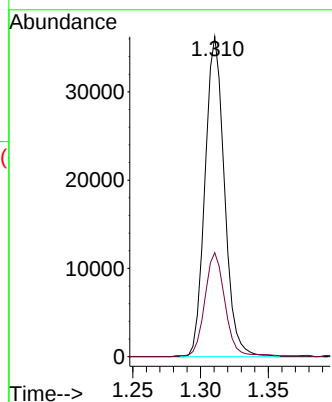


#5
 Vinyl chloride
 Concen: 4.845 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024110.D
 Acq: 20 Dec 2021 00:14

Instrument :
 MSVOA_V
 ClientSampleId :

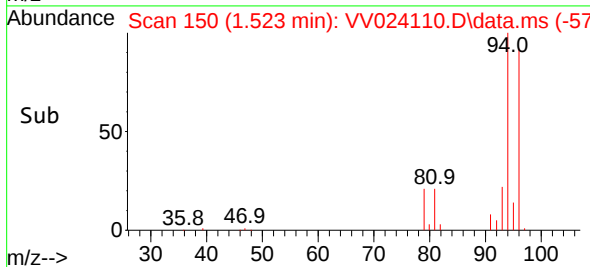
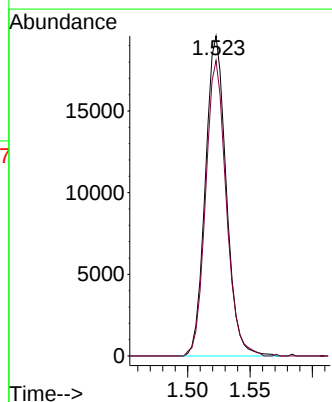
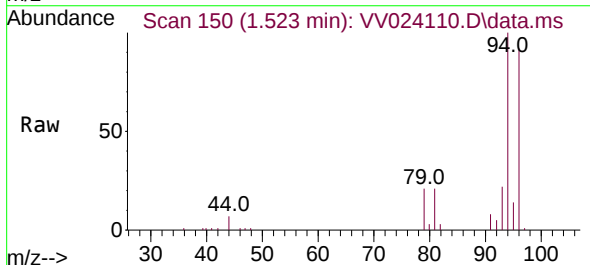


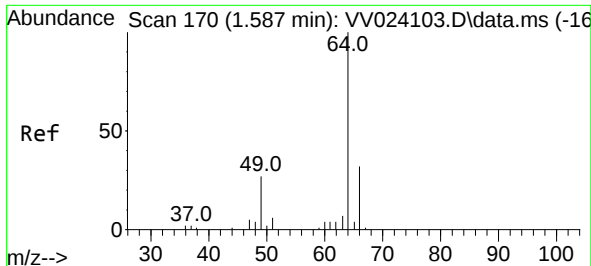
Tgt Ion: 62 Resp: 36143
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.4 41.6



#6
 Bromomethane
 Concen: 4.804 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024110.D
 Acq: 20 Dec 2021 00:14

Tgt Ion: 94 Resp: 22771
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.2 123.0

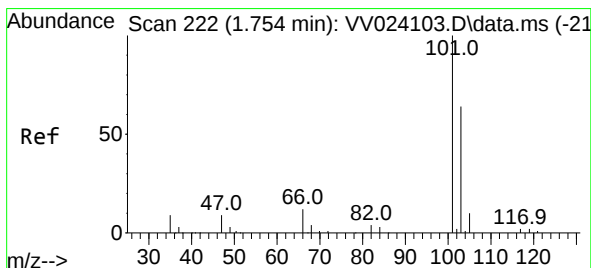
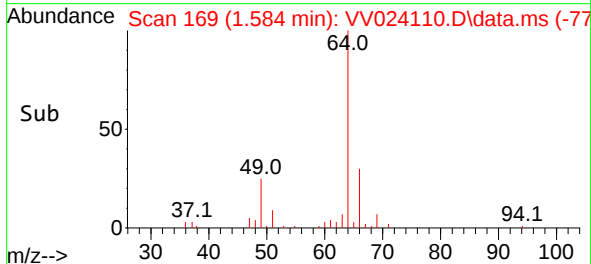
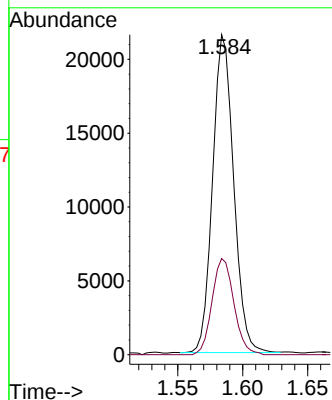
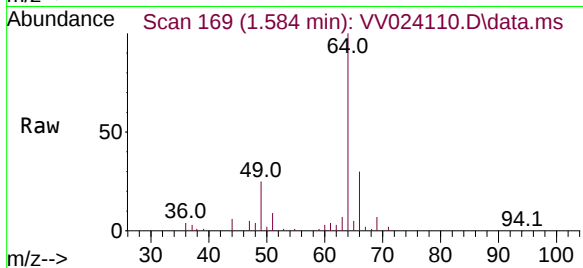




#8
Chloroethane
Concen: 4.986 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

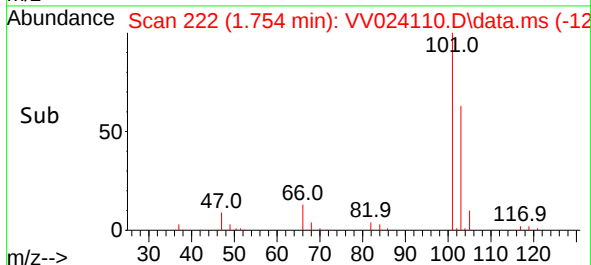
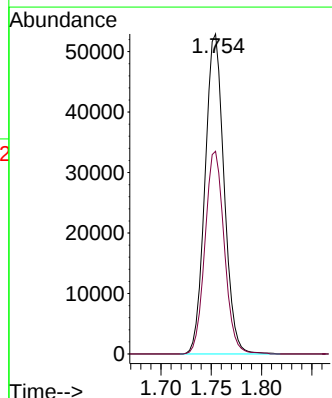
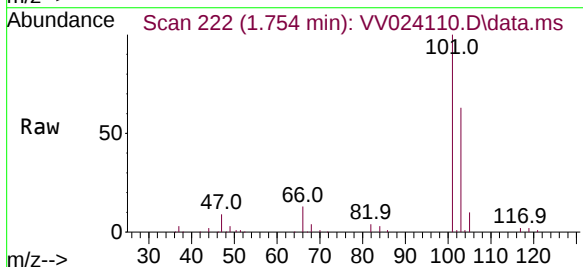
Instrument :
MSVOA_V
ClientSampleId :

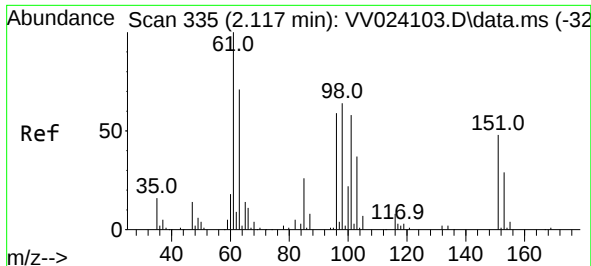
Tgt Ion: 64 Resp: 24202
Ion Ratio Lower Upper
64 100
66 30.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.371 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Tgt Ion:101 Resp: 69621
Ion Ratio Lower Upper
101 100
103 64.2 51.6 77.4

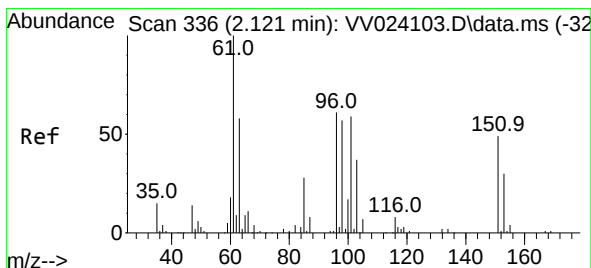
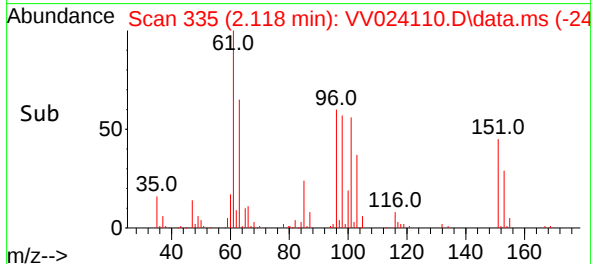
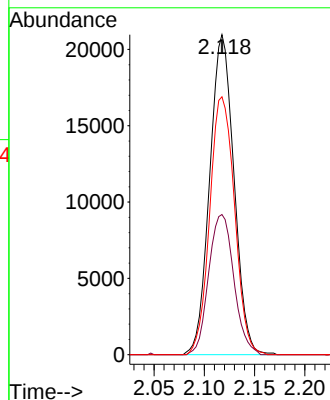
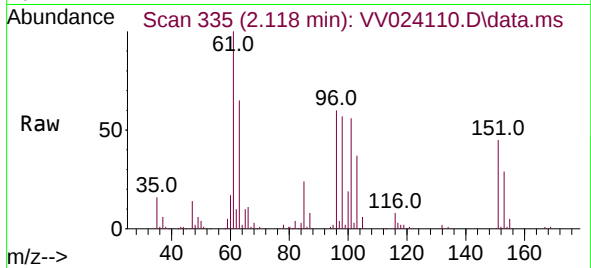




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.159 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024110.D
 Acq: 20 Dec 2021 00:14

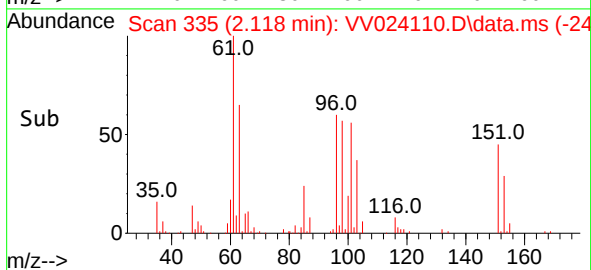
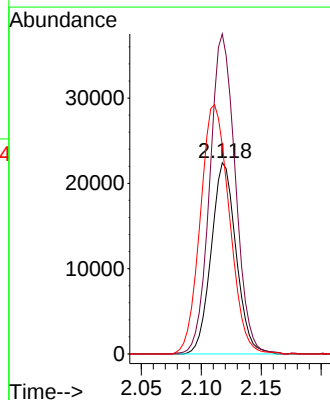
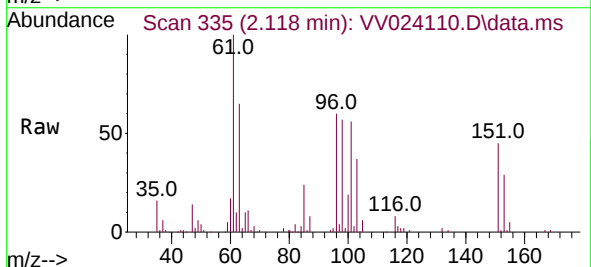
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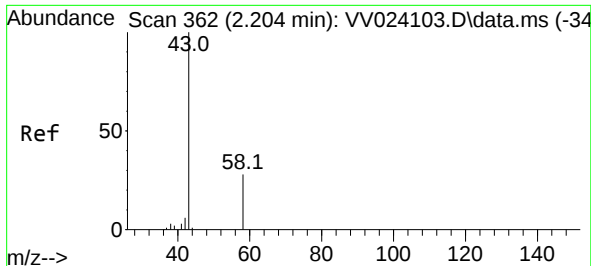
Tgt Ion:101 Resp: 35219
 Ion Ratio Lower Upper
 101 100
 85 45.4 36.0 54.0
 151 82.5 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.207 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV024110.D
 Acq: 20 Dec 2021 00:14

Tgt Ion: 96 Resp: 32309
 Ion Ratio Lower Upper
 96 100
 61 167.3 116.1 215.5
 63 109.3 79.4 147.4





#13

Acetone

Concen: 31.243 ug/L

RT: 2.246 min Scan# 31

Delta R.T. 0.042 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

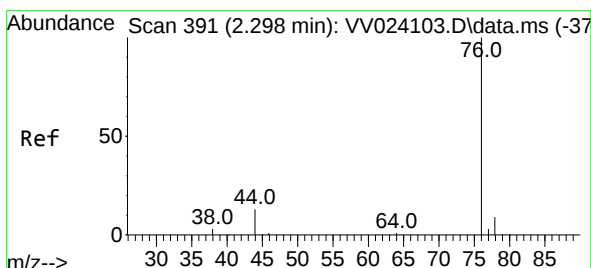
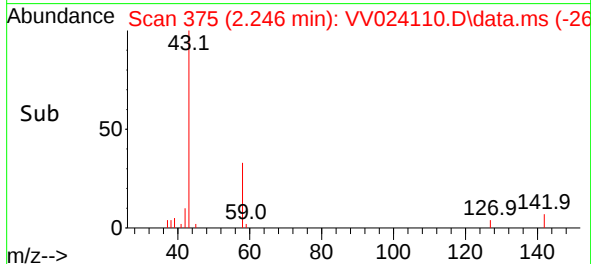
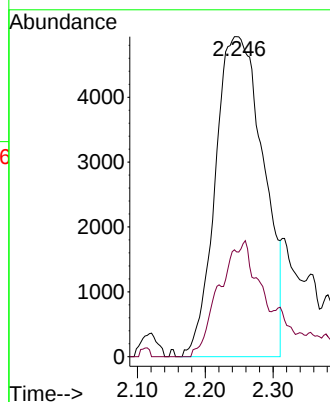
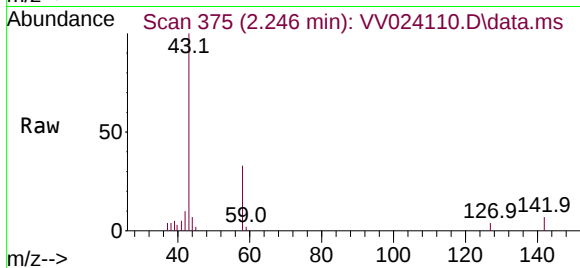
ClientSampleId :

Tgt Ion: 43 Resp: 24278

Ion Ratio Lower Upper

43 100

58 15.5 0.0 41.4



#14

Carbon disulfide

Concen: 4.387 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024110.D

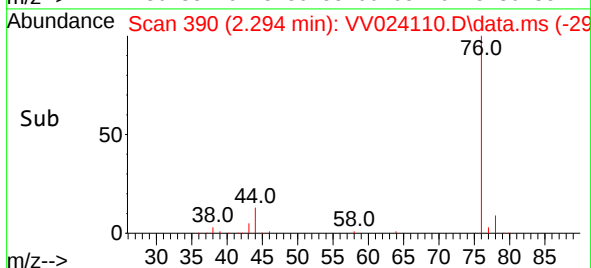
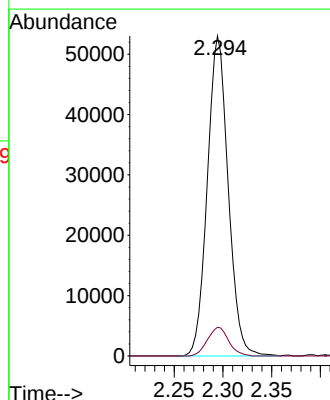
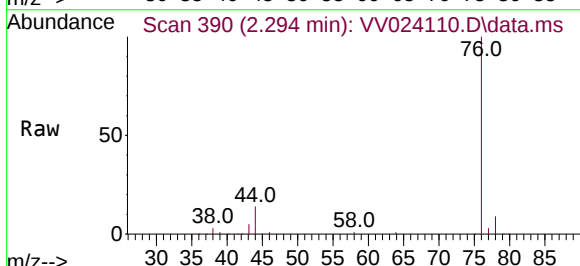
Acq: 20 Dec 2021 00:14

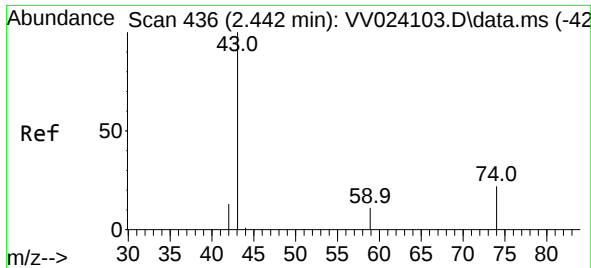
Tgt Ion: 76 Resp: 78952

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

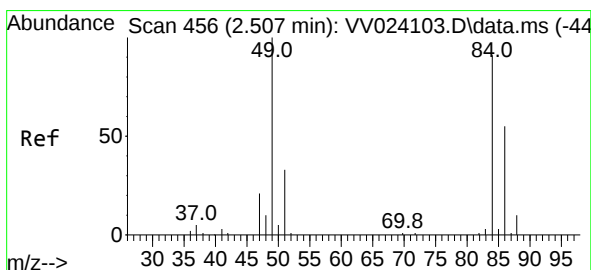
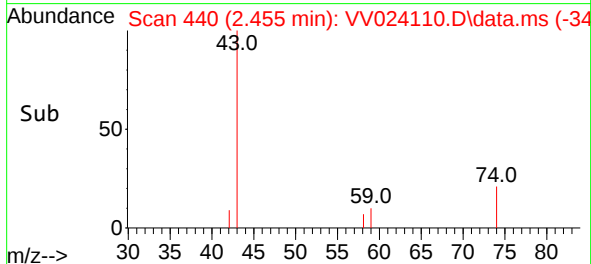
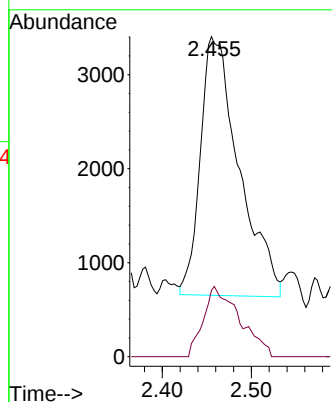
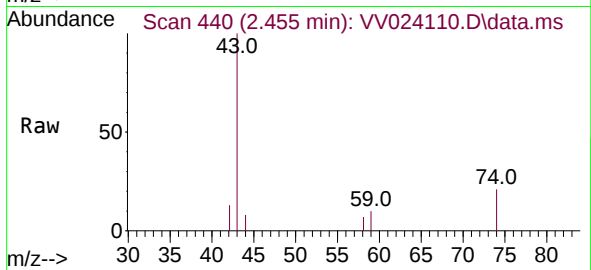




#15
Methyl Acetate
Concen: 4.410 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.013 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

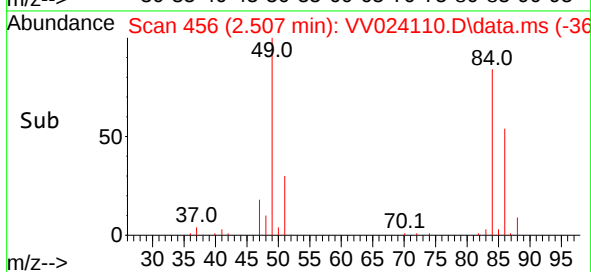
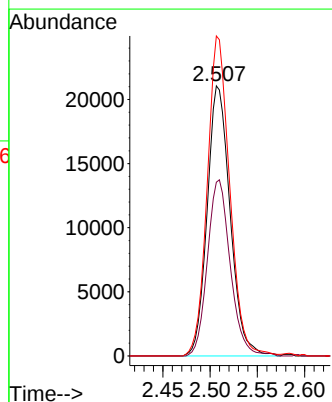
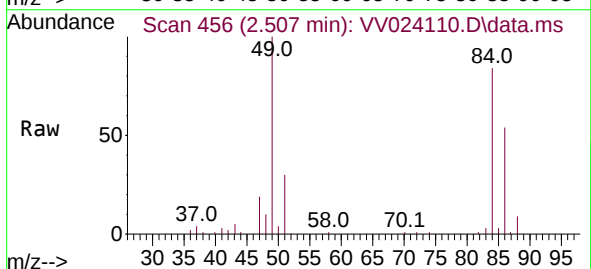
Instrument :
MSVOA_V
ClientSampleId :

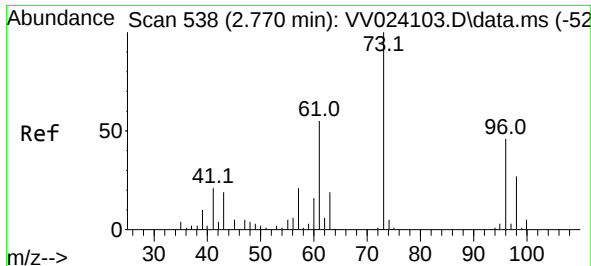
Tgt Ion: 43 Resp: 8306
Ion Ratio Lower Upper
43 100
74 25.4 20.2 30.2



#16
Methylene chloride
Concen: 4.387 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Tgt Ion: 84 Resp: 35613
Ion Ratio Lower Upper
84 100
86 64.4 42.6 79.0
49 118.5 79.7 147.9

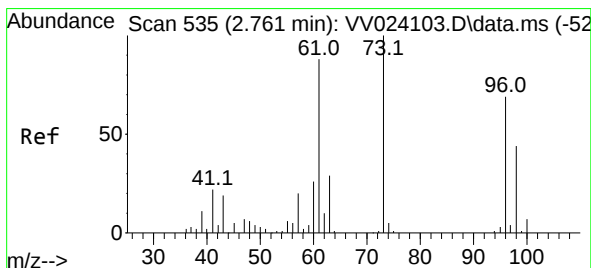
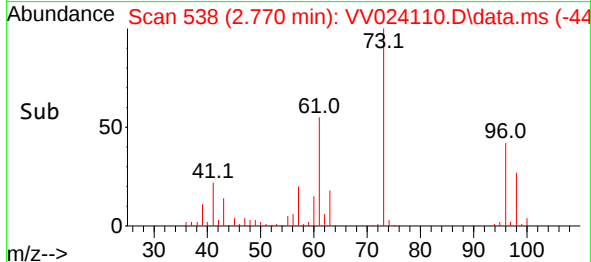
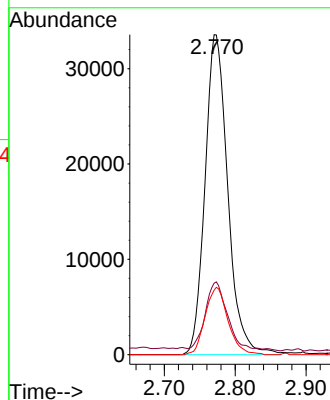
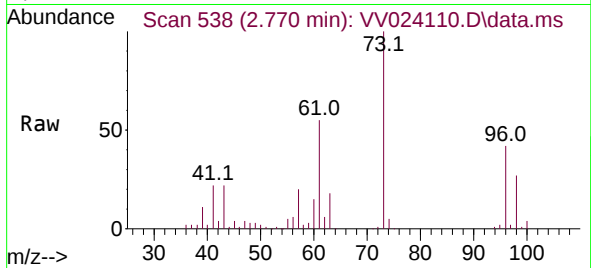




#17
Methyl tert-butyl Ether
Concen: 5.336 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

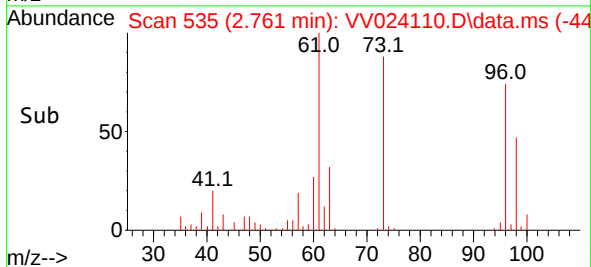
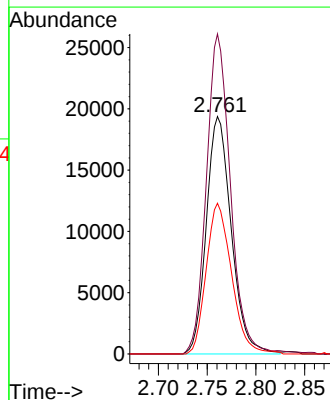
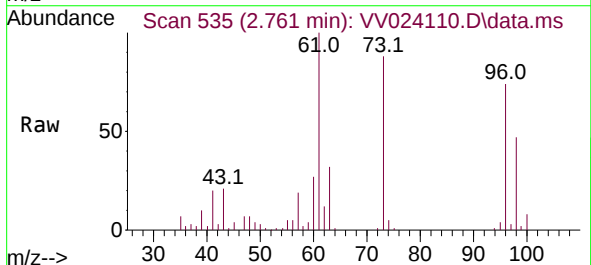
Instrument :
MSVOA_V
ClientSampleId :

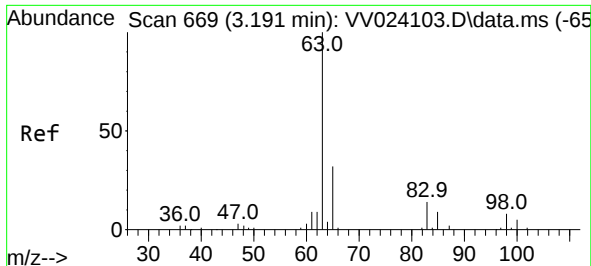
Tgt Ion: 73 Resp: 74871
Ion Ratio Lower Upper
73 100
43 19.7 15.5 23.3
57 21.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.026 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Tgt Ion: 96 Resp: 34522
Ion Ratio Lower Upper
96 100
61 134.8 88.2 163.8
98 63.4 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.089 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

ClientSampleId :

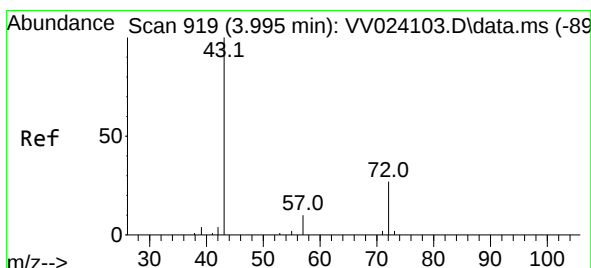
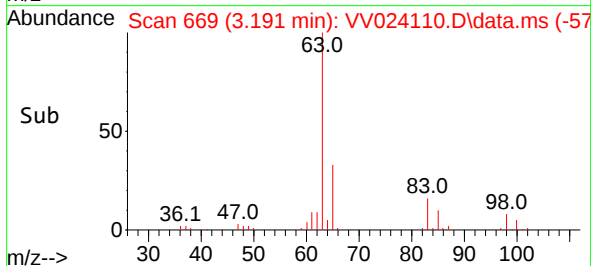
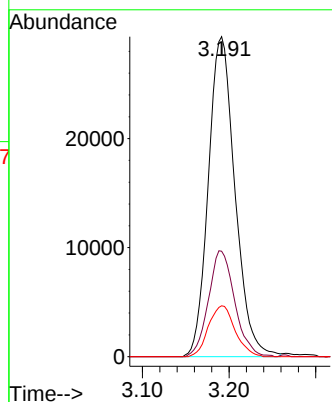
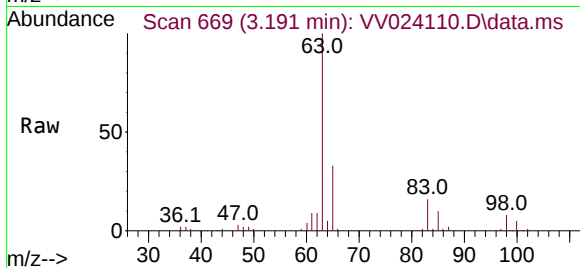
Tgt Ion: 63 Resp: 62725

Ion Ratio Lower Upper

63 100

65 33.0 22.3 41.3

83 15.9 10.7 19.9



#21

2-Butanone

Concen: 35.817 ug/L

RT: 4.027 min Scan# 929

Delta R.T. 0.032 min

Lab File: VV024110.D

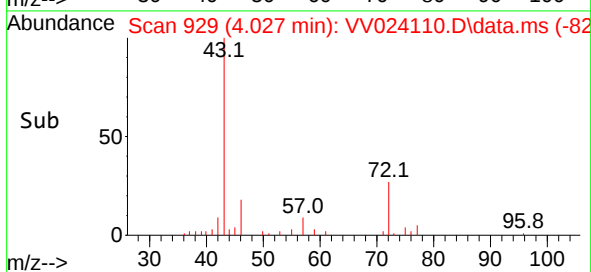
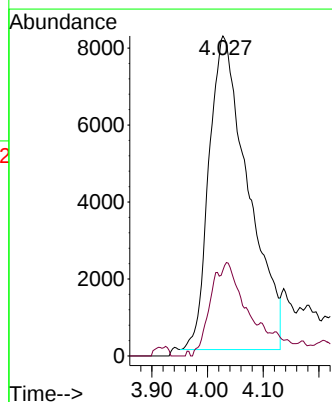
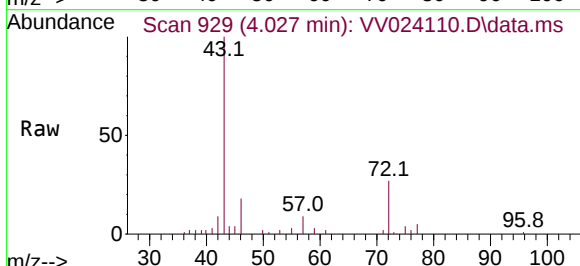
Acq: 20 Dec 2021 00:14

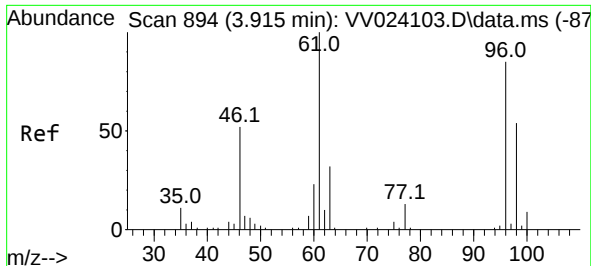
Tgt Ion: 43 Resp: 39767

Ion Ratio Lower Upper

43 100

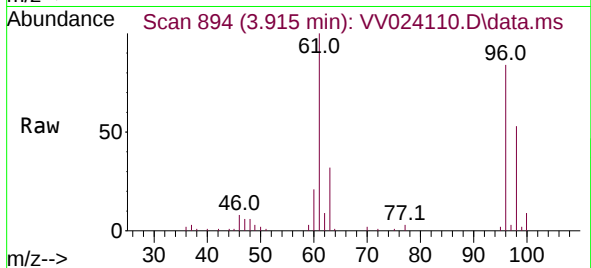
72 10.0 11.1 33.1#



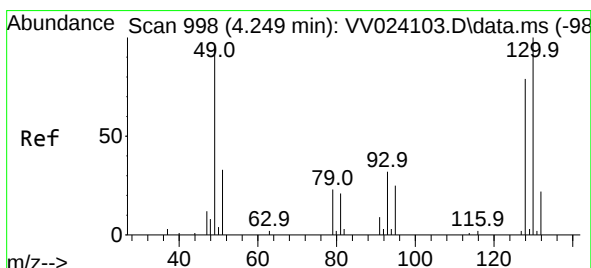
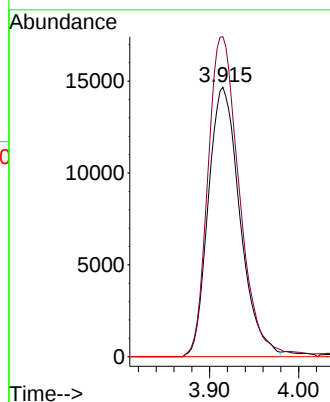
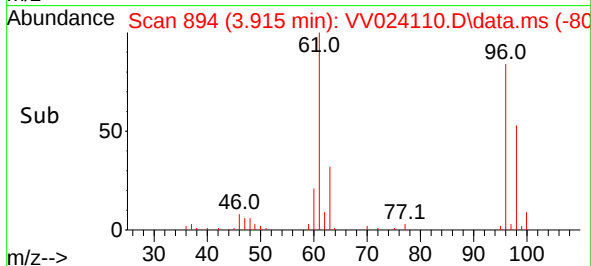


#22
 cis-1,2-Dichloroethene
 Concen: 4.975 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV024110.D
 Acq: 20 Dec 2021 00:14

Instrument :
 MSVOA_V
 ClientSampleId :

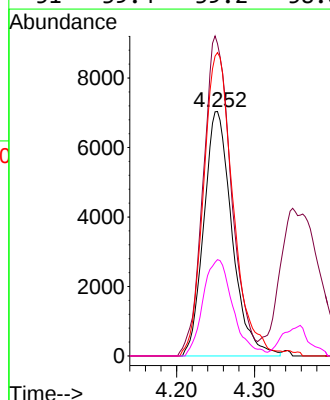
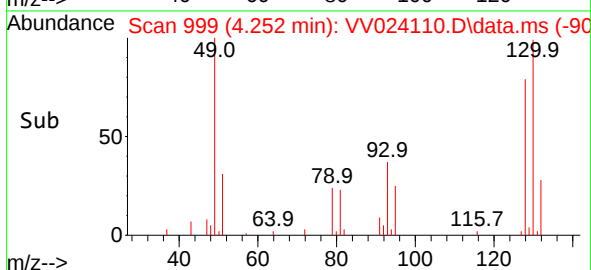
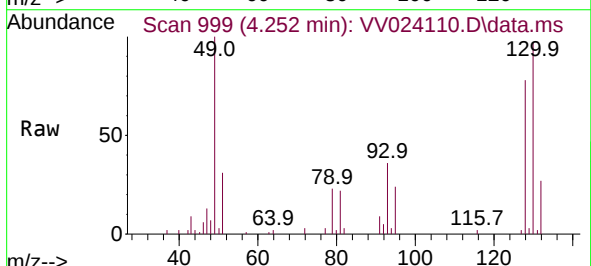


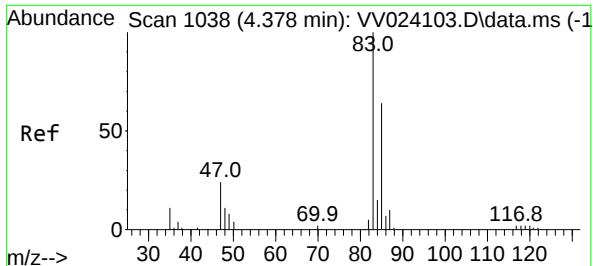
Tgt Ion: 96 Resp: 36171
 Ion Ratio Lower Upper
 96 100
 61 118.7 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.353 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV024110.D
 Acq: 20 Dec 2021 00:14

Tgt Ion: 128 Resp: 17684
 Ion Ratio Lower Upper
 128 100
 49 127.8 100.2 186.2
 130 124.1 92.5 171.7
 51 39.4 39.2 58.8





#25

Chloroform

Concen: 5.264 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

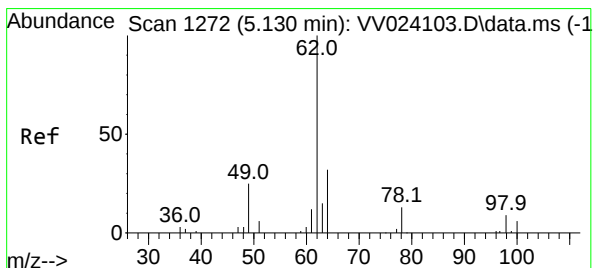
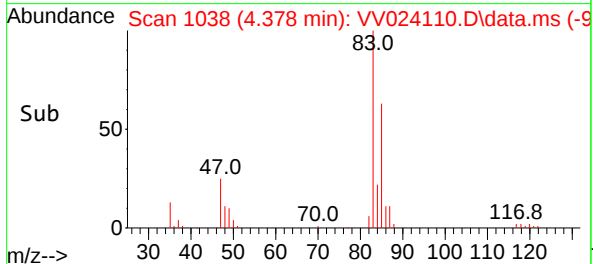
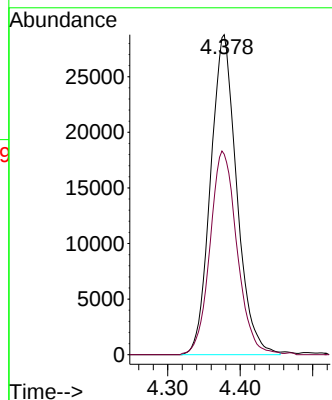
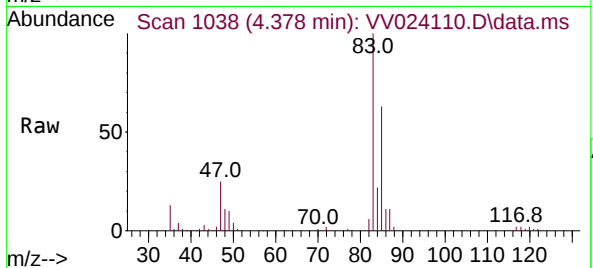
ClientSampleId :

Tgt Ion: 83 Resp: 72129

Ion Ratio Lower Upper

83 100

85 62.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.379 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV024110.D

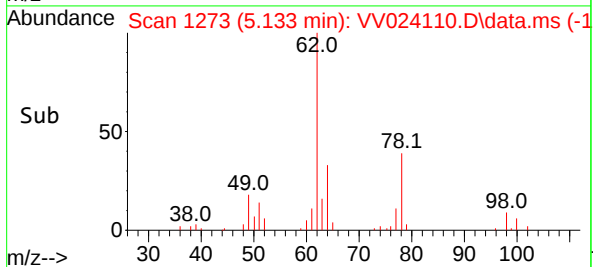
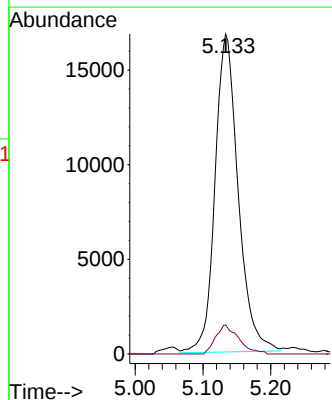
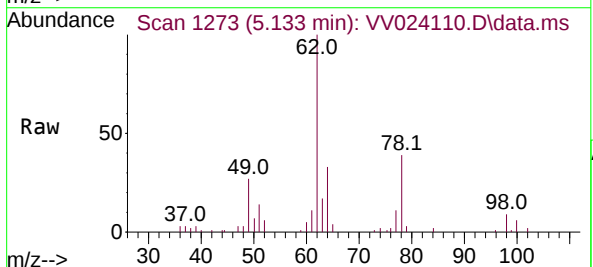
Acq: 20 Dec 2021 00:14

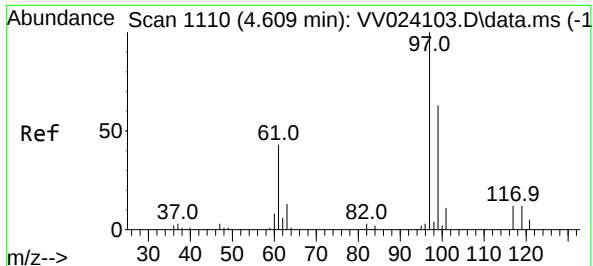
Tgt Ion: 62 Resp: 39938

Ion Ratio Lower Upper

62 100

98 9.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.451 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

ClientSampleId :

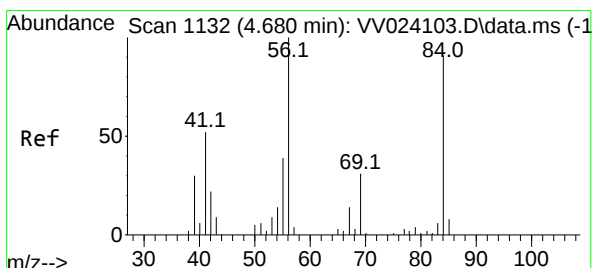
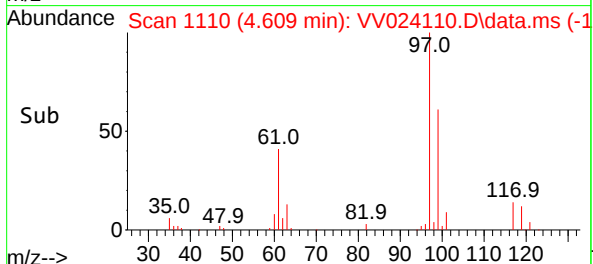
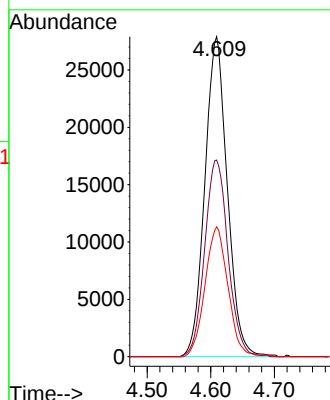
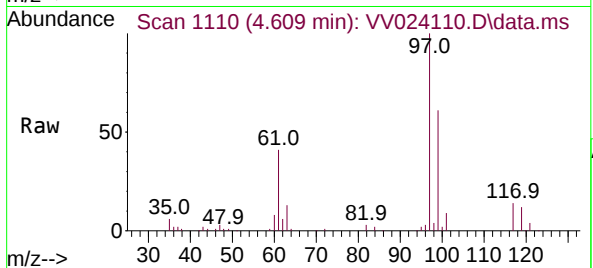
Tgt Ion: 97 Resp: 68479

Ion Ratio Lower Upper

97 100

99 63.9 51.9 77.9

61 41.3 33.2 49.8



#30

Cyclohexane

Concen: 4.687 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

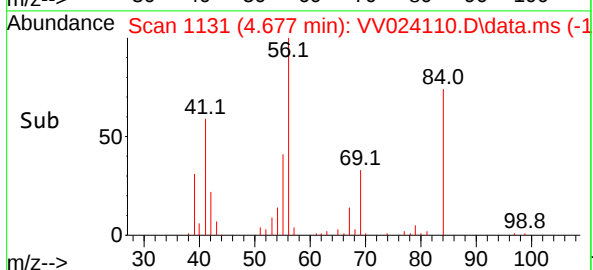
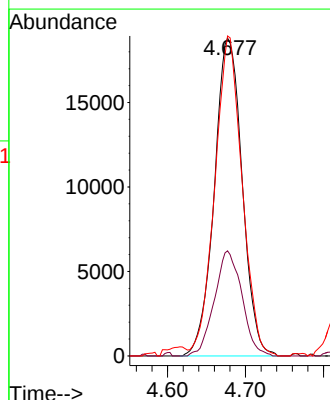
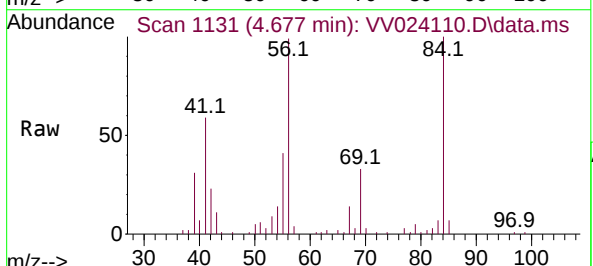
Tgt Ion: 56 Resp: 46703

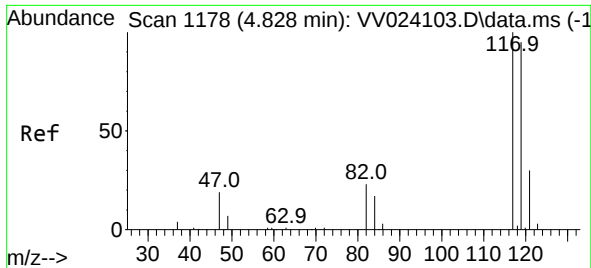
Ion Ratio Lower Upper

56 100

69 32.7 24.8 37.2

84 98.4 75.9 113.9

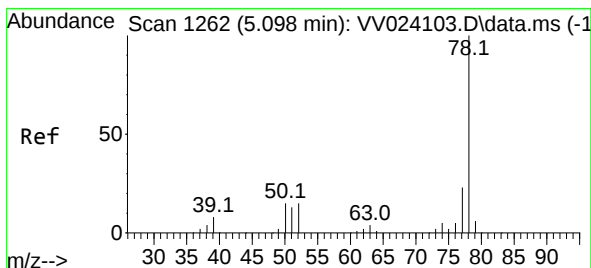
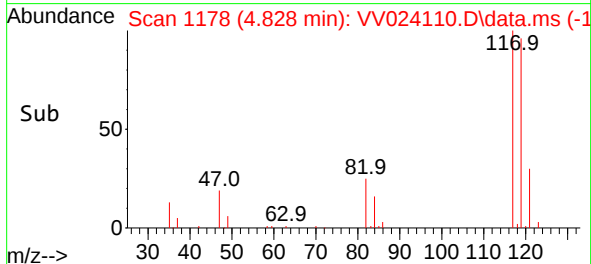
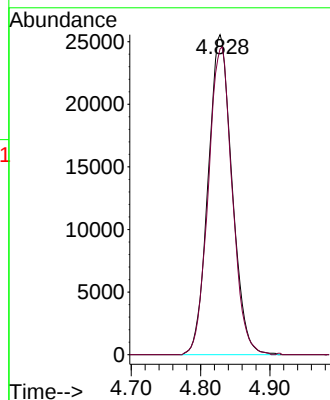
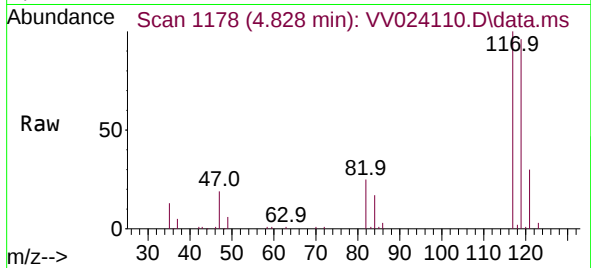




#31
Carbon tetrachloride
Concen: 5.183 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

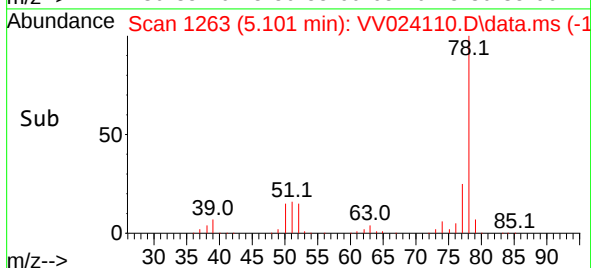
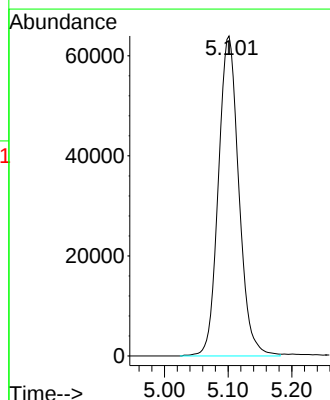
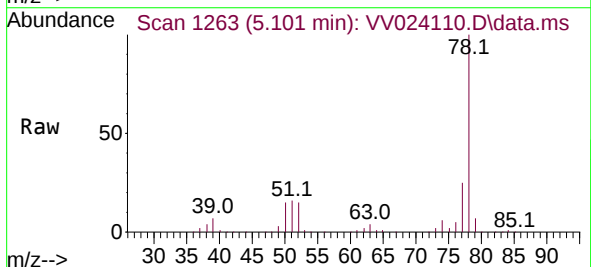
Instrument :
MSVOA_V
ClientSampleId :

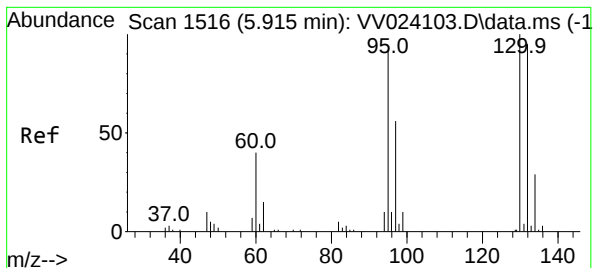
Tgt Ion:117 Resp: 61206
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 5.260 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Tgt Ion: 78 Resp: 142875





#34

Trichloroethene

Concen: 4.873 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 37335

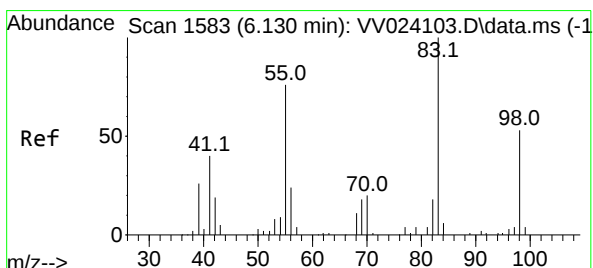
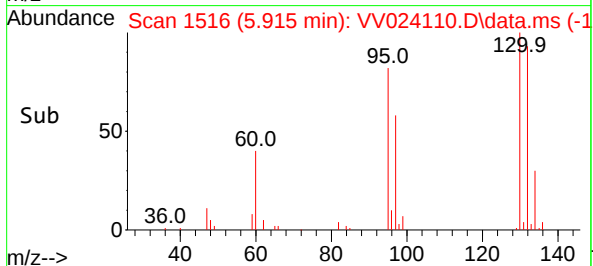
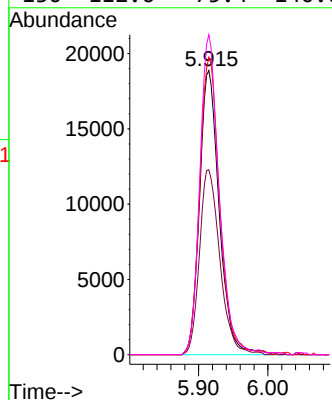
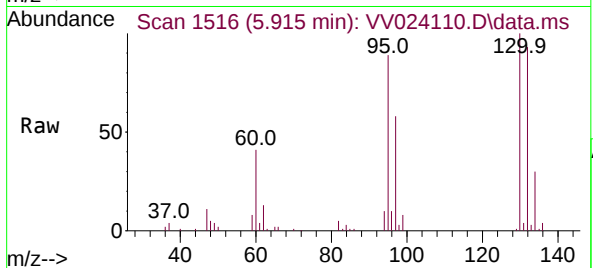
Ion Ratio Lower Upper

95 100

97 65.1 45.2 84.0

132 104.7 76.1 141.3

130 112.6 75.4 140.0



#35

Methylcyclohexane

Concen: 4.598 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

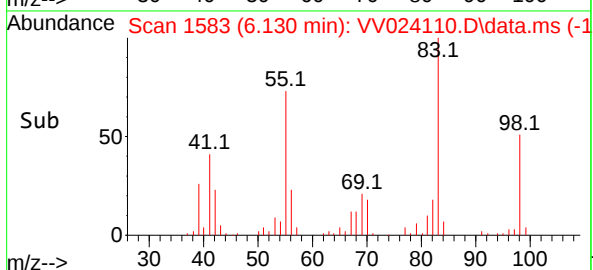
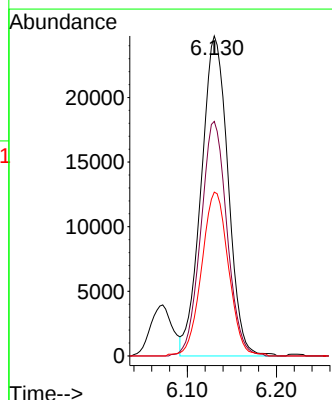
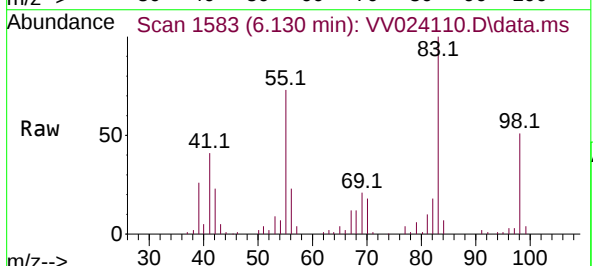
Tgt Ion: 83 Resp: 51855

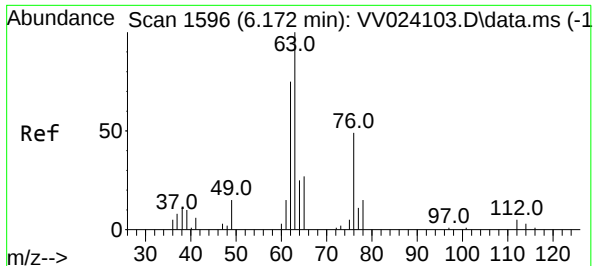
Ion Ratio Lower Upper

83 100

55 71.2 60.2 90.2

98 51.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.361 ug/L

RT: 6.175 min Scan# 1596

Delta R.T. 0.003 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

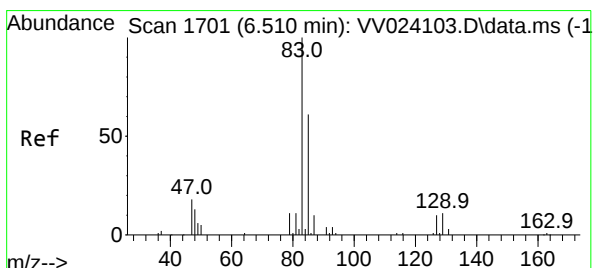
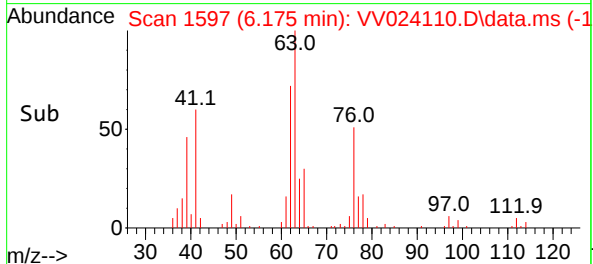
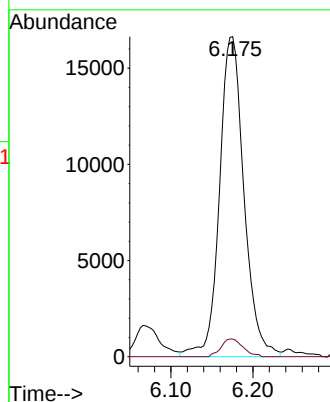
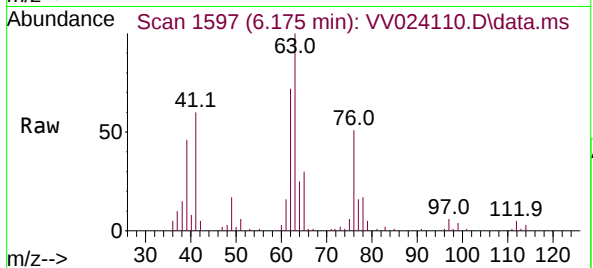
ClientSampleId :

Tgt Ion: 63 Resp: 34615

Ion Ratio Lower Upper

63 100

112 4.9 4.3 6.5



#38

Bromodichloromethane

Concen: 5.129 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

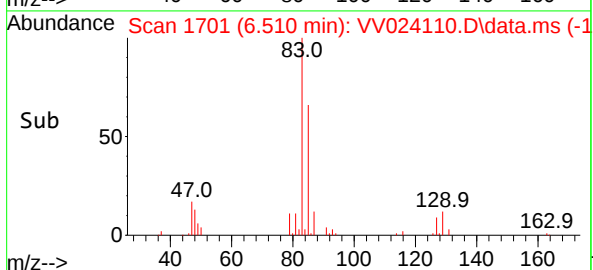
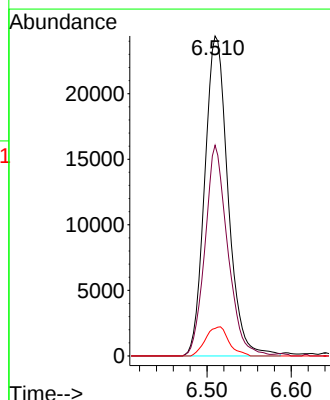
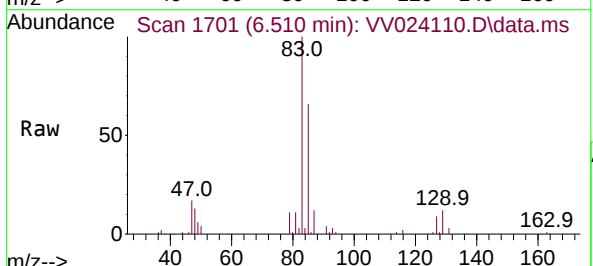
Tgt Ion: 83 Resp: 46912

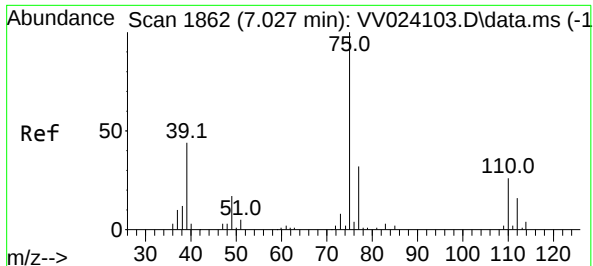
Ion Ratio Lower Upper

83 100

85 65.8 44.0 81.8

127 8.6 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.657 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

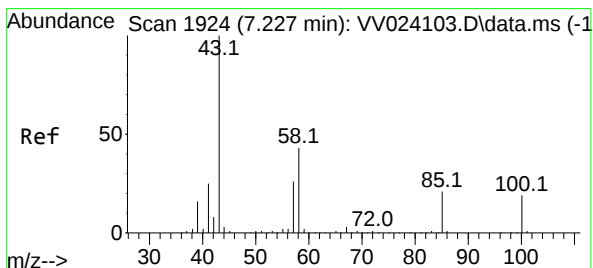
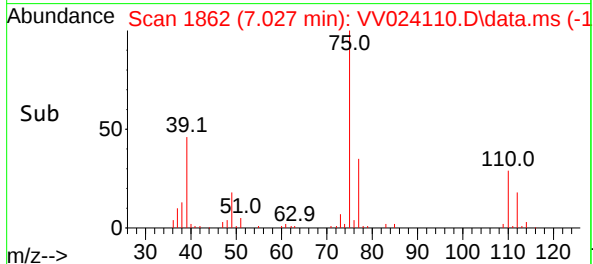
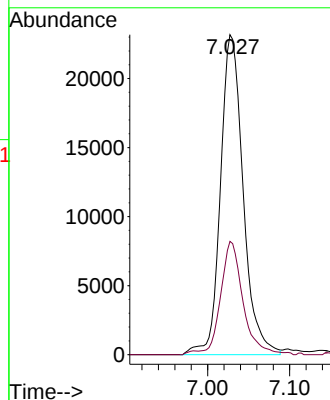
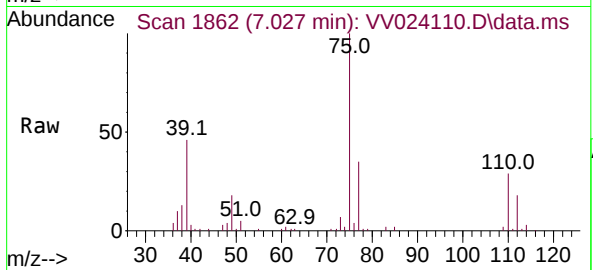
ClientSampleId :

Tgt Ion: 75 Resp: 44631

Ion Ratio Lower Upper

75 100

77 35.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 49.934 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

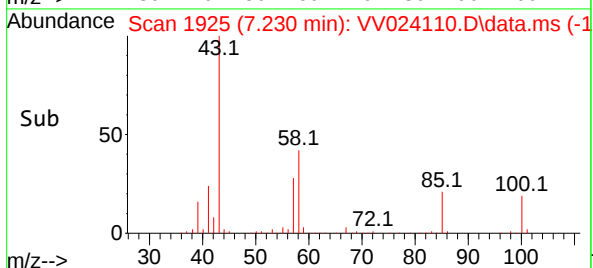
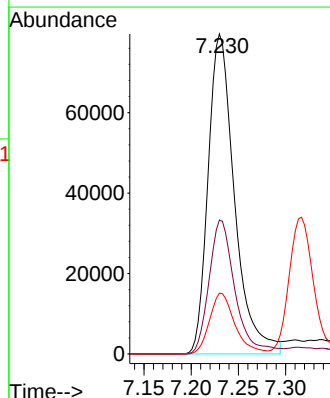
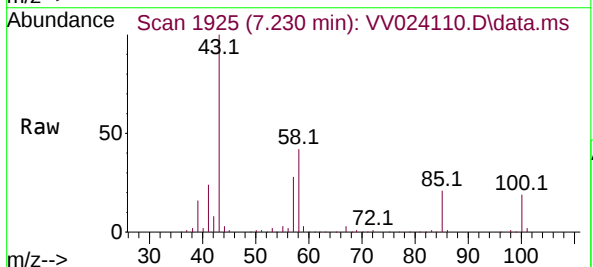
Tgt Ion: 43 Resp: 154867

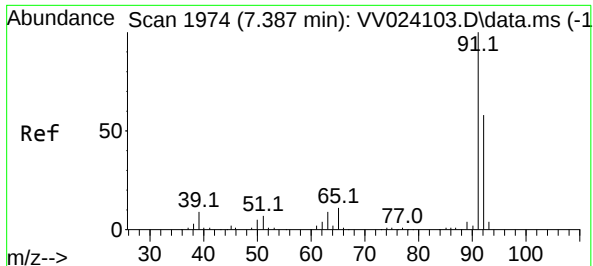
Ion Ratio Lower Upper

43 100

58 41.2 32.3 48.5

100 18.3 13.0 19.6





#42

Toluene

Concen: 5.308 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

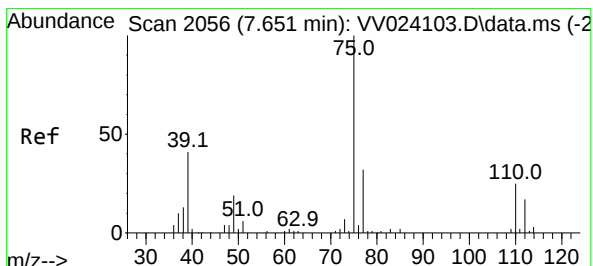
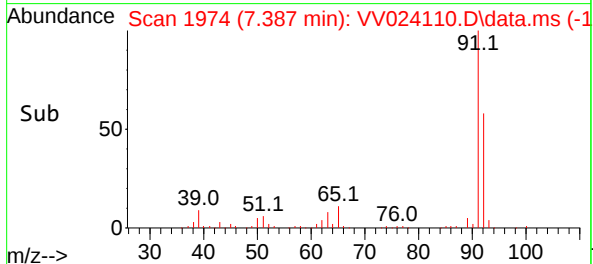
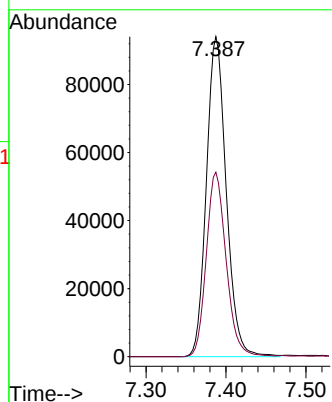
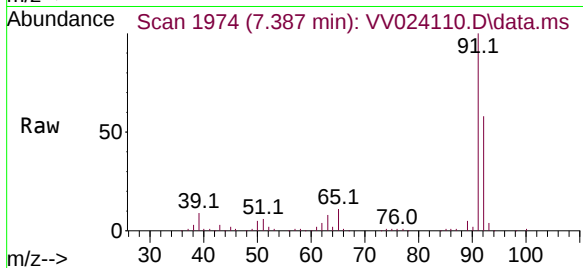
ClientSampleId :

Tgt Ion: 91 Resp: 162284

Ion Ratio Lower Upper

91 100

92 57.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.804 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV024110.D

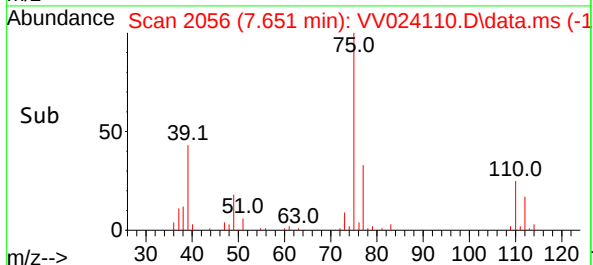
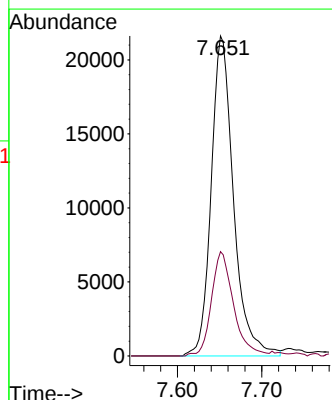
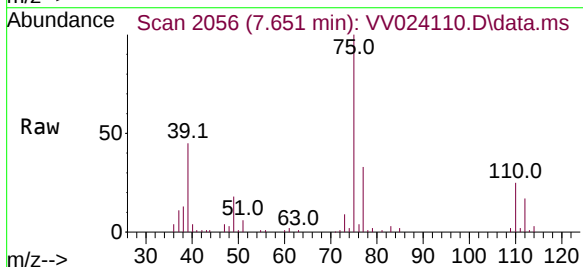
Acq: 20 Dec 2021 00:14

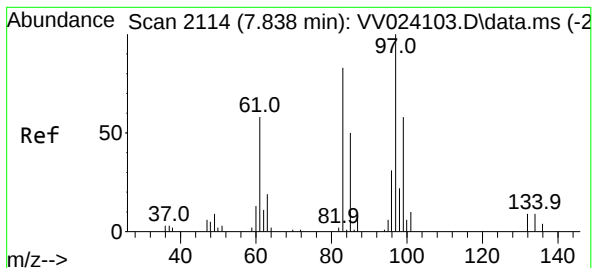
Tgt Ion: 75 Resp: 39798

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.419 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 25886

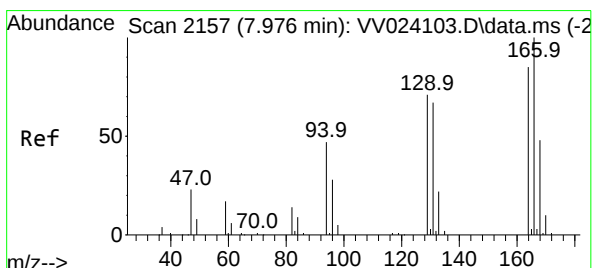
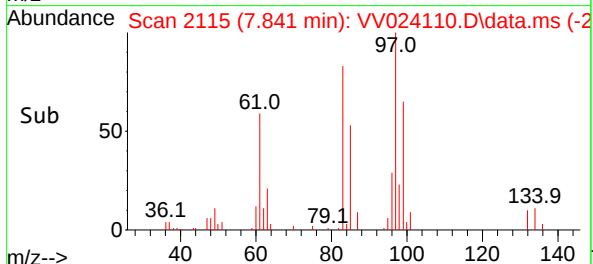
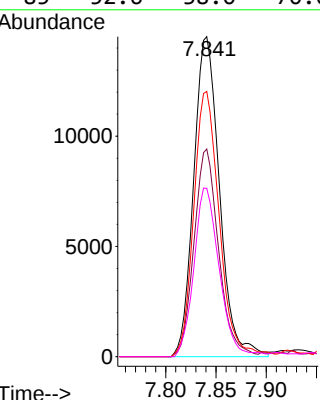
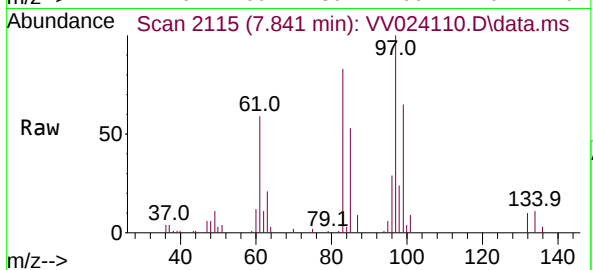
Ion Ratio Lower Upper

97 100

99 64.9 43.1 80.1

83 82.9 57.9 107.5

85 52.6 38.0 70.6



#47

Tetrachloroethene

Concen: 5.013 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Tgt Ion:164 Resp: 33816

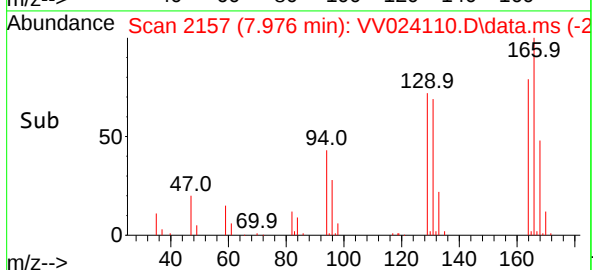
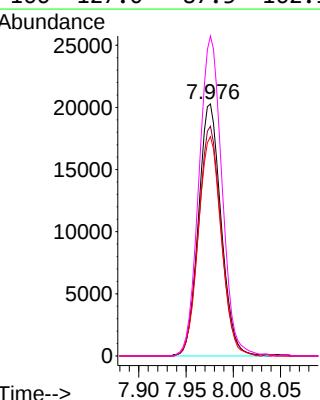
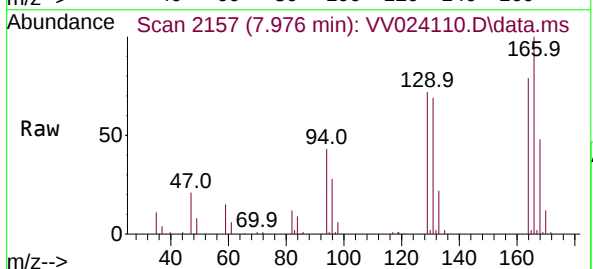
Ion Ratio Lower Upper

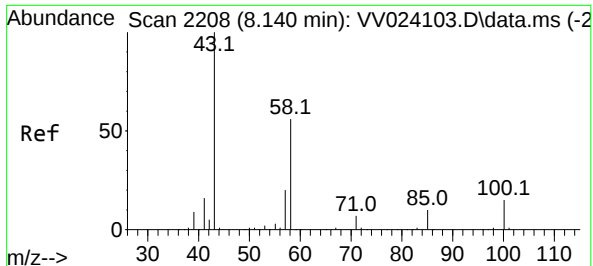
164 100

129 91.2 62.6 116.2

131 87.1 61.0 113.4

166 127.0 87.3 162.1

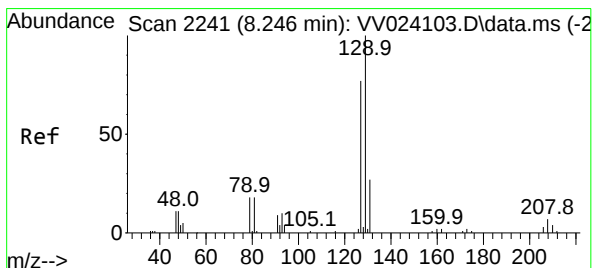
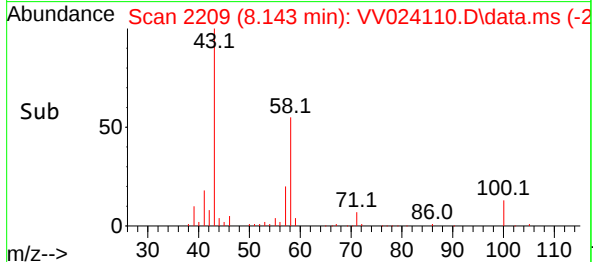
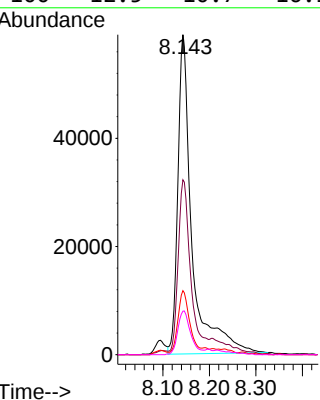
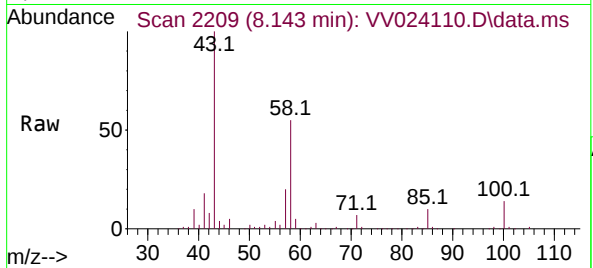




#48
2-Hexanone
Concen: 55.422 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

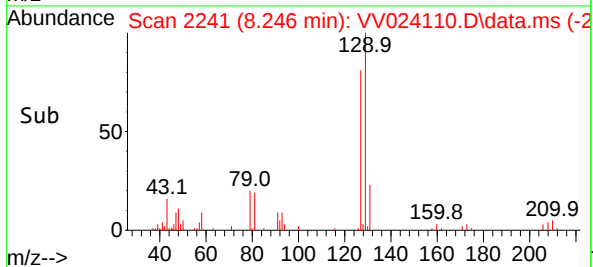
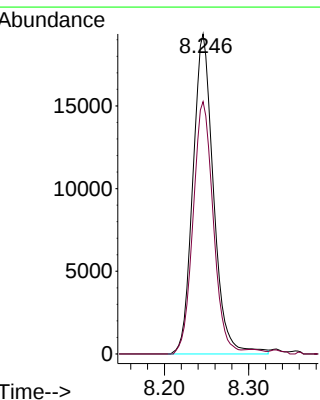
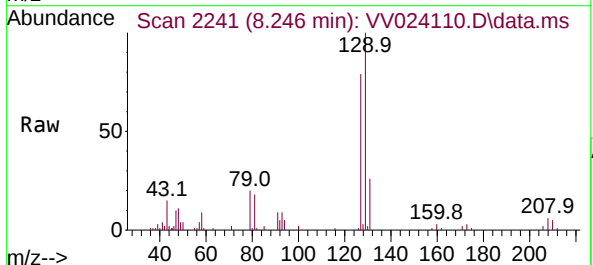
Instrument :
MSVOA_V
ClientSampleId :

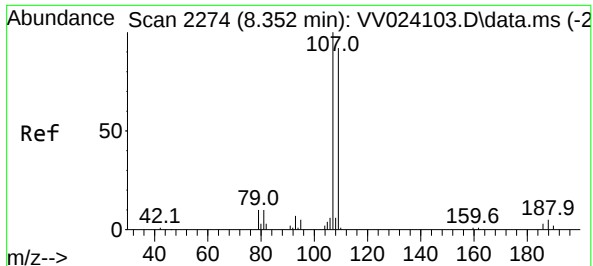
Tgt Ion: 43 Resp: 124635
Ion Ratio Lower Upper
43 100
58 45.9 44.5 66.7
57 15.4 15.1 22.7
100 12.5 10.7 16.1



#49
Dibromochloromethane
Concen: 5.069 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Tgt Ion:129 Resp: 32940
Ion Ratio Lower Upper
129 100
127 78.9 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.114 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VV024110.D

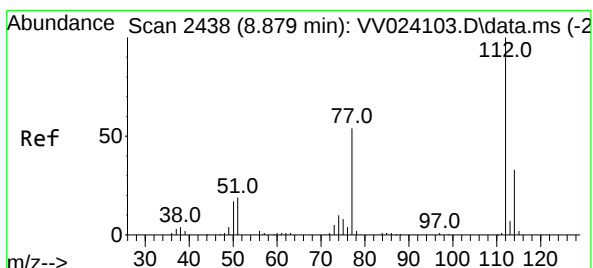
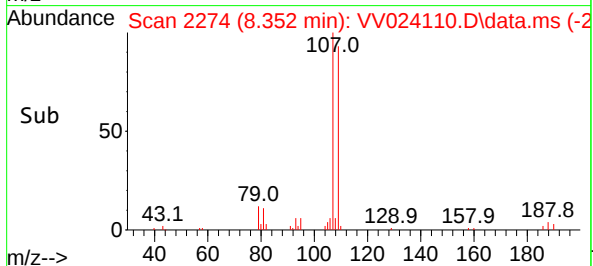
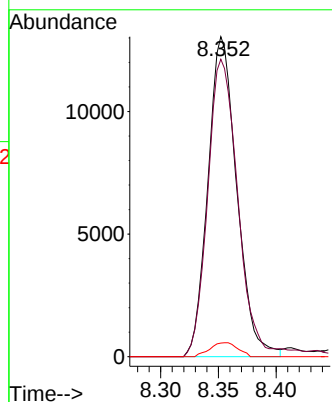
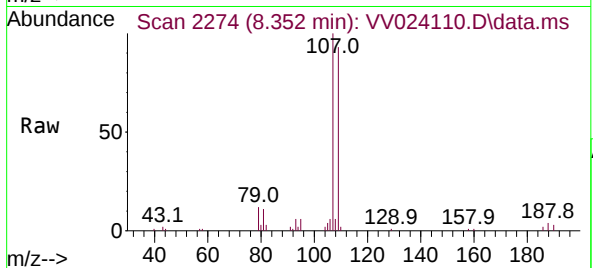
Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	22678
Ion	Ratio	Lower	Upper
107	100		
109	93.0	62.5	116.1
188	4.2	3.4	5.2



#51

Chlorobenzene

Concen: 5.184 ug/L

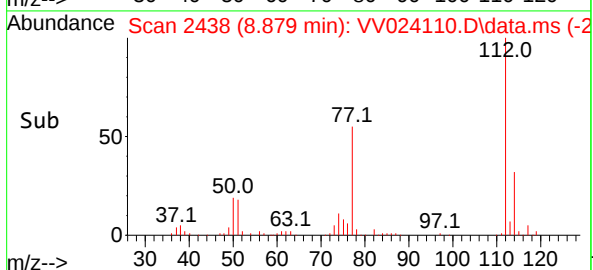
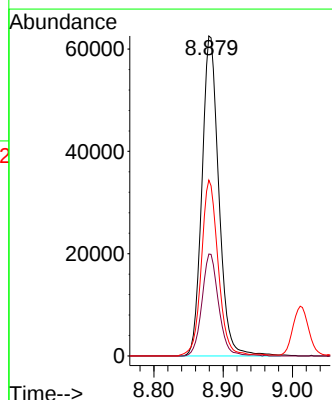
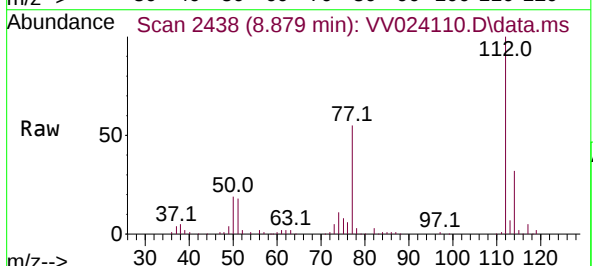
RT: 8.879 min Scan# 2438

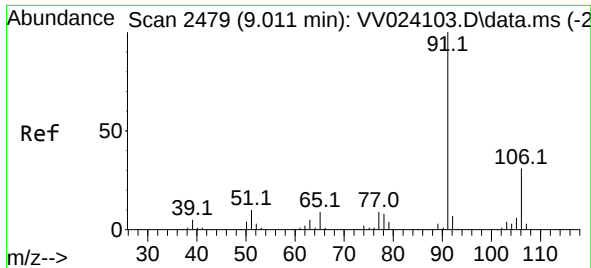
Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Tgt Ion:	112	Resp:	105917
Ion	Ratio	Lower	Upper
112	100		
114	31.8	23.3	43.3
77	54.9	43.3	64.9

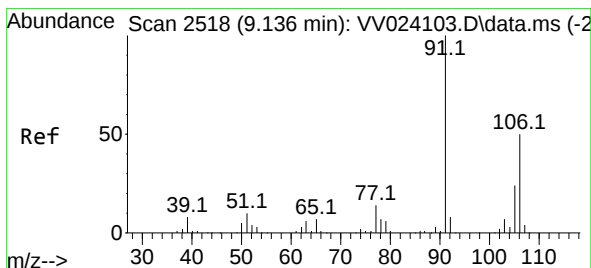
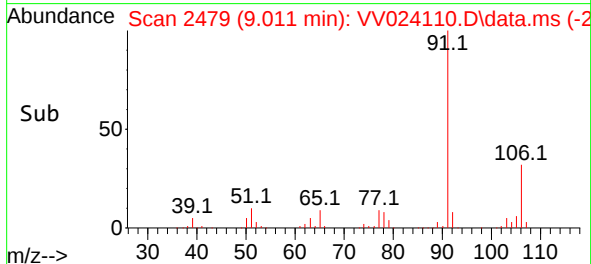
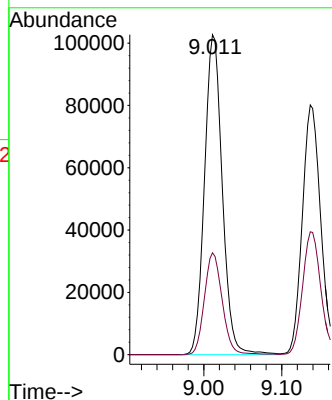
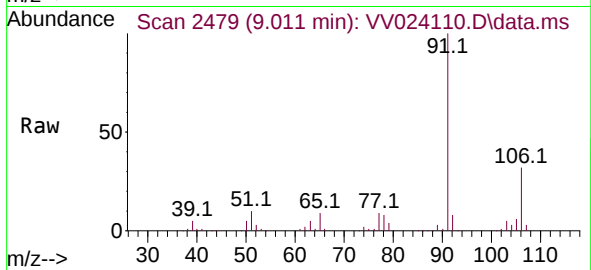




#52
Ethylbenzene
Concen: 5.055 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

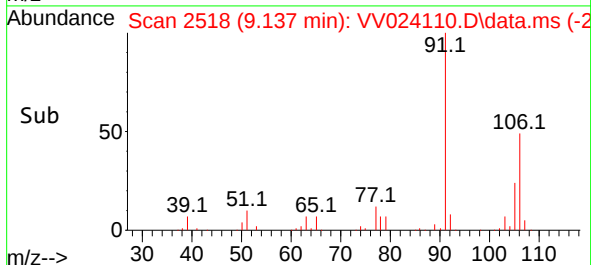
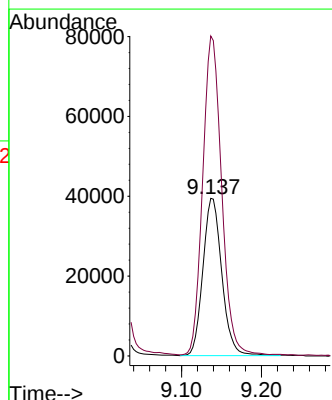
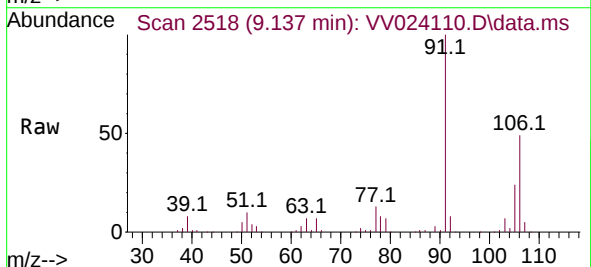
Instrument :
MSVOA_V
ClientSampleId :

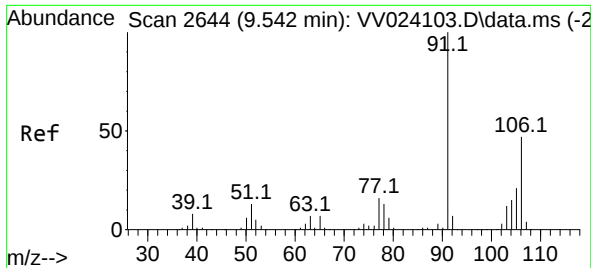
Tgt Ion: 91 Resp: 163049
Ion Ratio Lower Upper
91 100
106 31.8 22.0 41.0



#53
m,p-xylene
Concen: 5.084 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Tgt Ion: 106 Resp: 64850
Ion Ratio Lower Upper
106 100
91 203.1 139.5 259.1

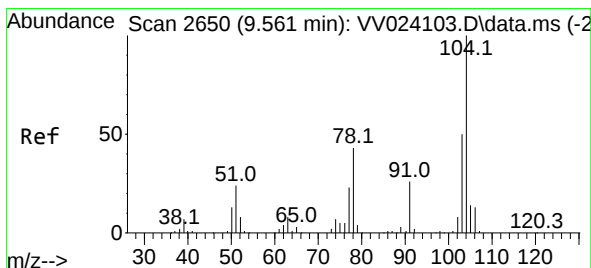
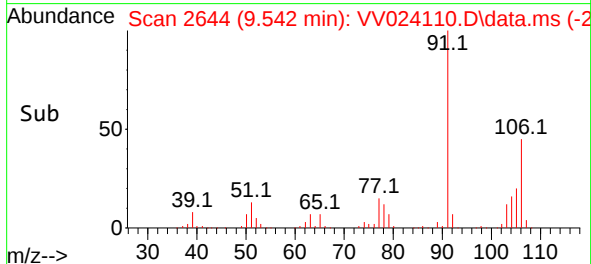
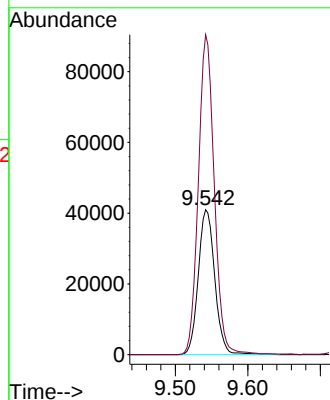
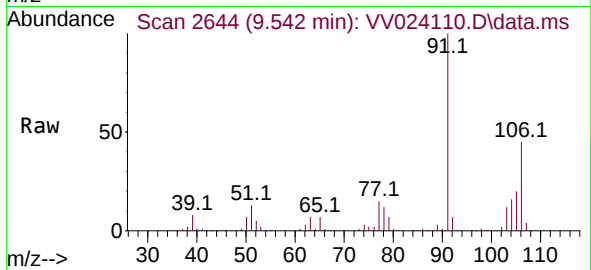




#54
o-xylene
Concen: 5.259 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

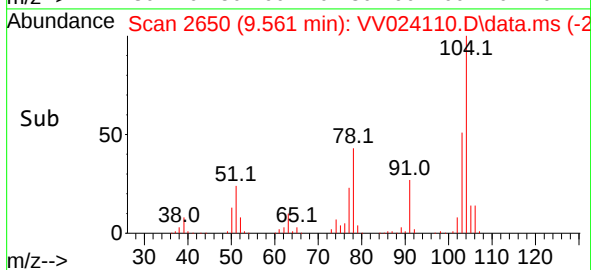
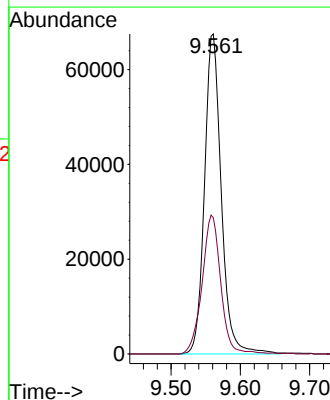
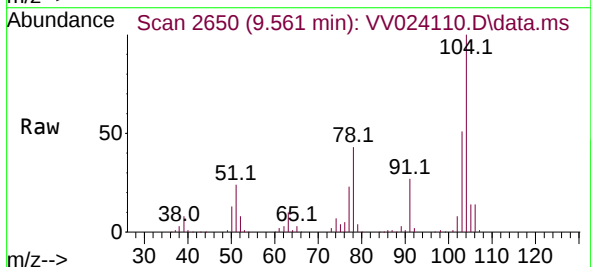
Instrument :
MSVOA_V
ClientSampleId :

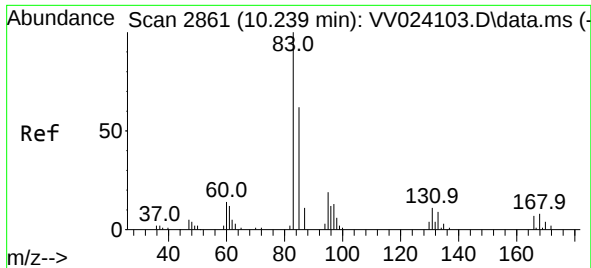
Tgt Ion:106 Resp: 64877
Ion Ratio Lower Upper
106 100
91 220.7 147.9 274.7



#55
Styrene
Concen: 5.520 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Tgt Ion:104 Resp: 113360
Ion Ratio Lower Upper
104 100
78 42.6 31.0 57.6

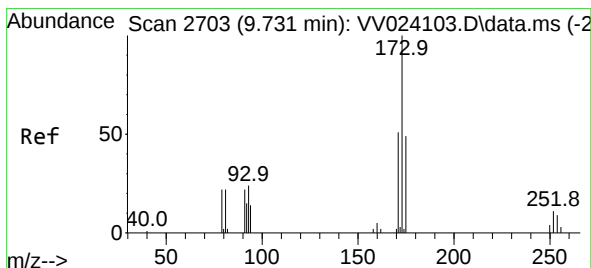
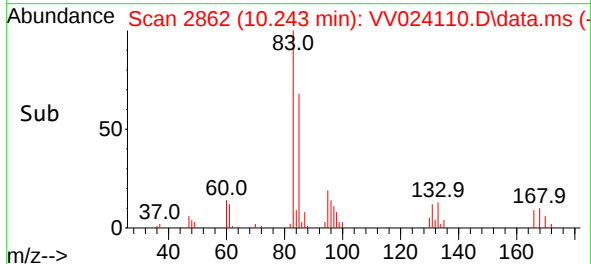
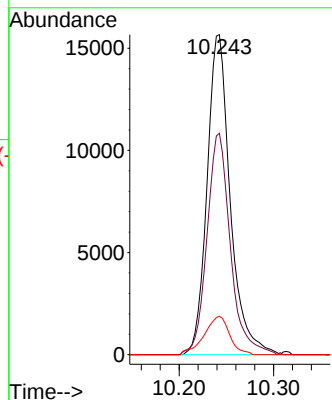
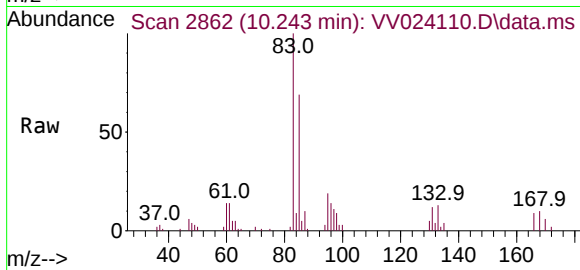




#57
1,1,2,2-Tetrachloroethane
Concen: 5.110 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

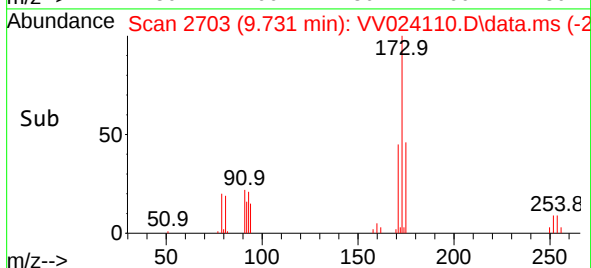
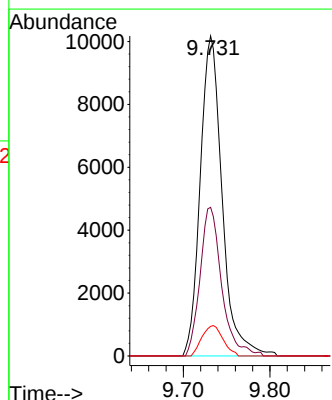
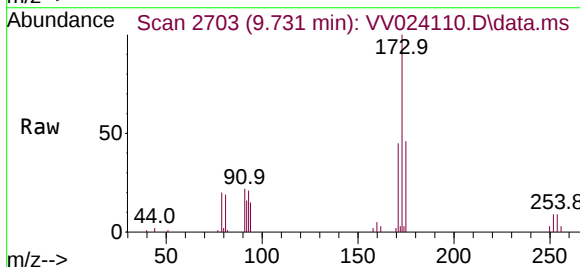
Instrument :
MSVOA_V
ClientSampleId :

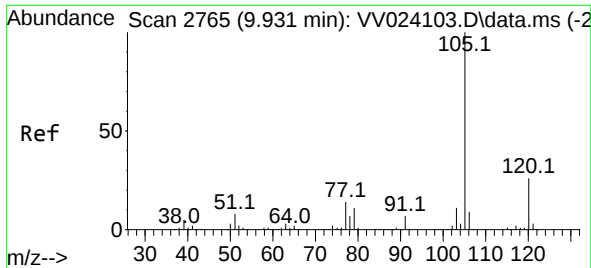
Tgt Ion: 83 Resp: 26730
Ion Ratio Lower Upper
83 100
85 69.2 44.6 82.8
131 12.0 8.3 12.5



#59
Bromoform
Concen: 4.705 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Tgt Ion: 173 Resp: 17836
Ion Ratio Lower Upper
173 100
175 45.9 39.4 59.2
254 9.2 7.4 11.0

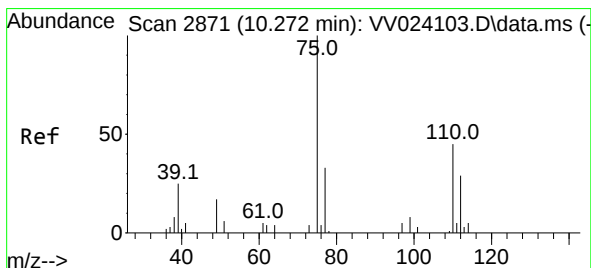
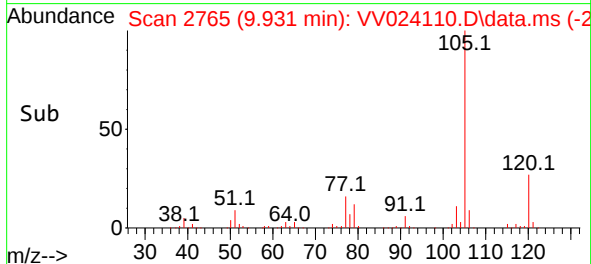
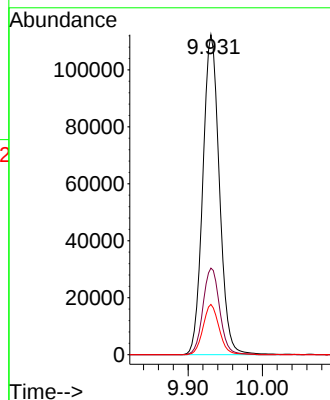
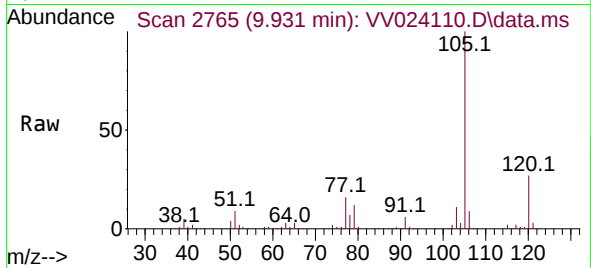




#60
Isopropylbenzene
Concen: 5.018 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

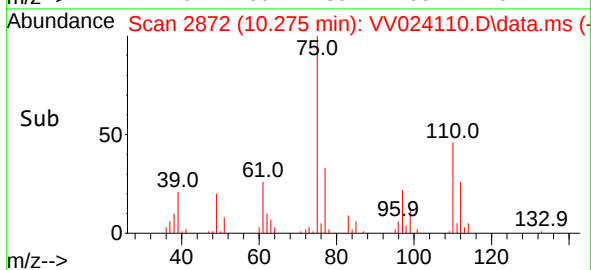
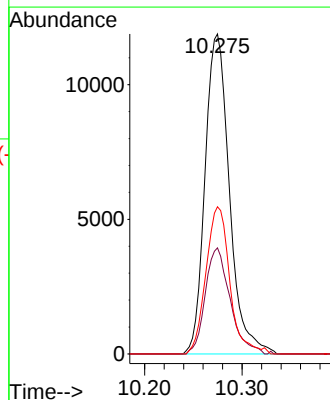
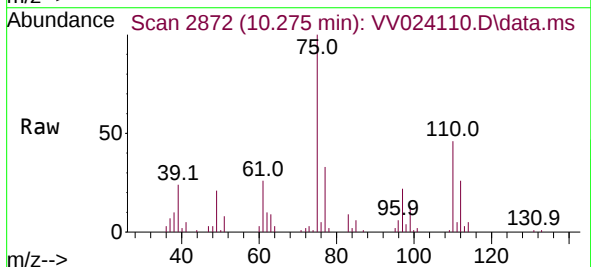
Instrument :
MSVOA_V
ClientSampleId :

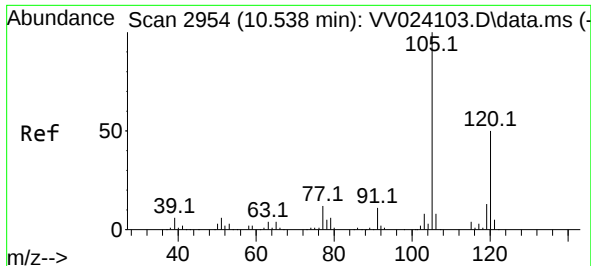
Tgt Ion:105 Resp: 174016
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.129 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Tgt Ion: 75 Resp: 20638
Ion Ratio Lower Upper
75 100
77 33.7 26.4 39.6
110 45.1 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 4.895 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

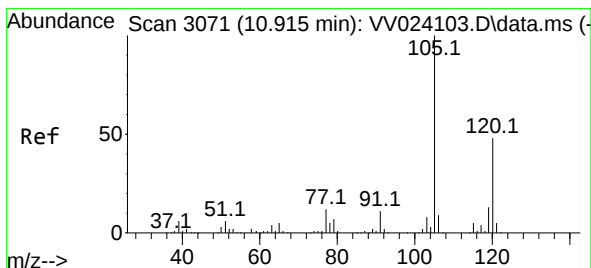
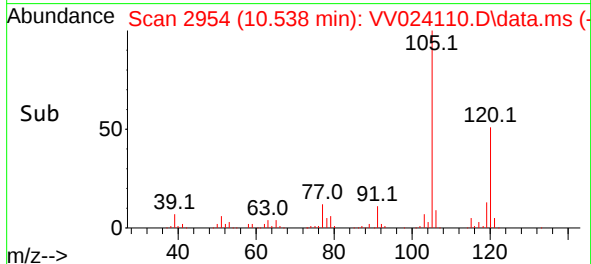
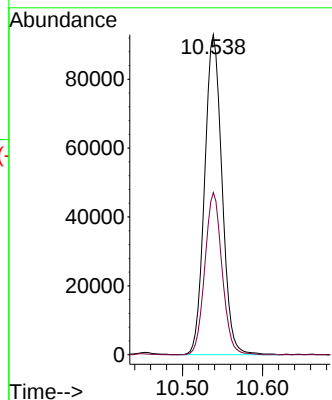
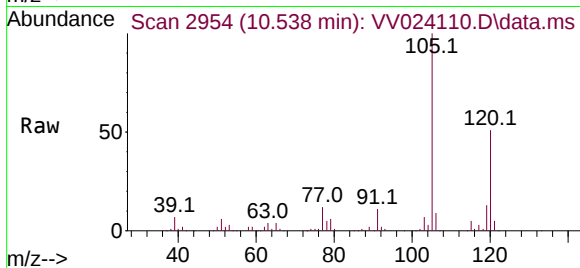
ClientSampleId :

Tgt Ion:105 Resp: 140821

Ion Ratio Lower Upper

105 100

120 50.0 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.117 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV024110.D

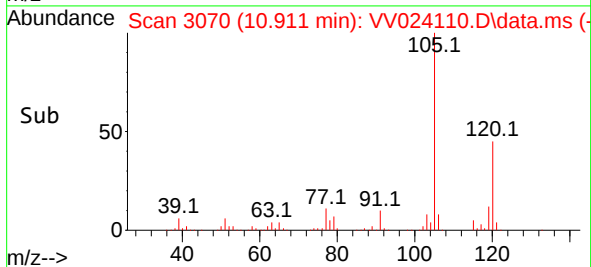
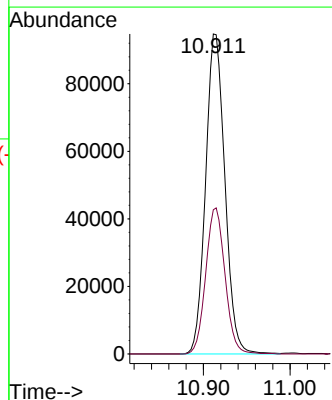
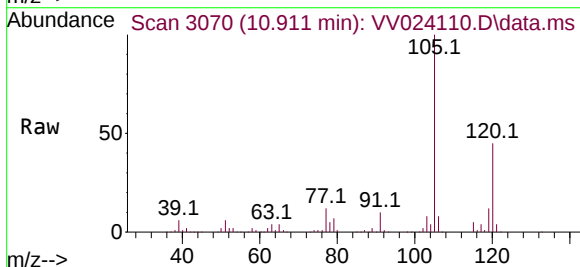
Acq: 20 Dec 2021 00:14

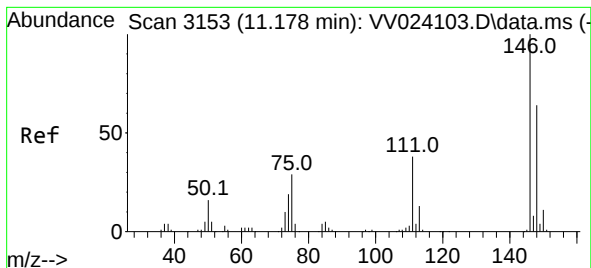
Tgt Ion:105 Resp: 146647

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 5.126 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

ClientSampleId :

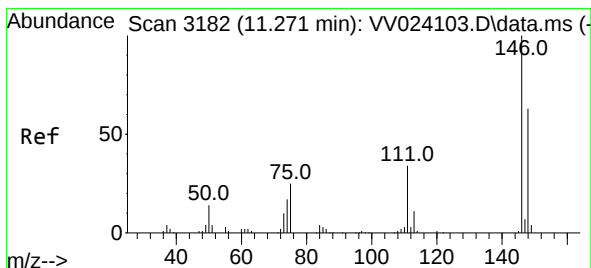
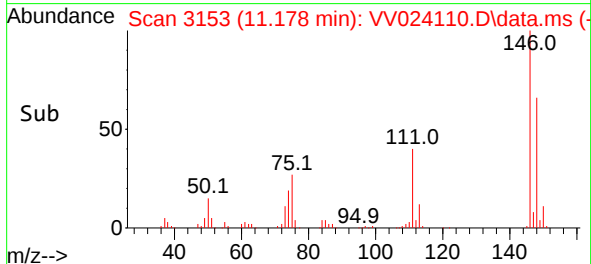
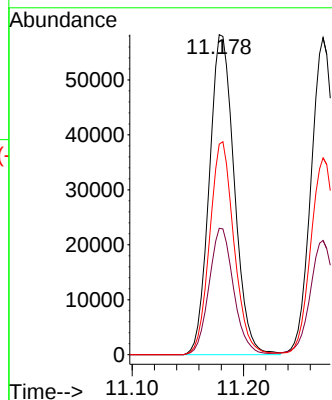
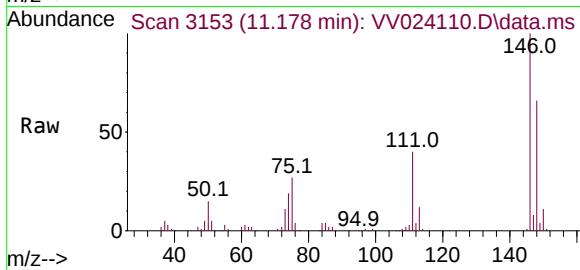
Tgt Ion:146 Resp: 90912

Ion Ratio Lower Upper

146 100

111 39.5 26.3 48.9

148 65.8 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 5.048 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

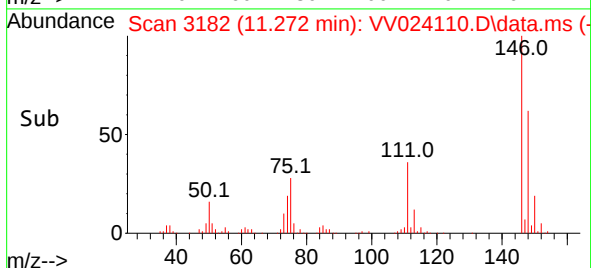
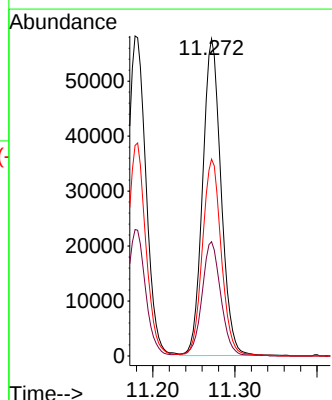
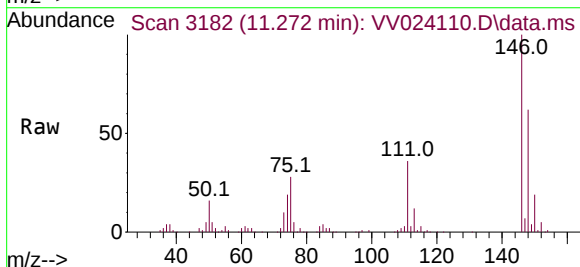
Tgt Ion:146 Resp: 89921

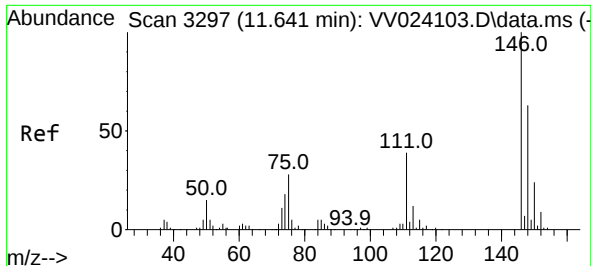
Ion Ratio Lower Upper

146 100

111 36.0 25.6 47.6

148 62.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.078 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

Instrument :

MSVOA_V

ClientSampleId :

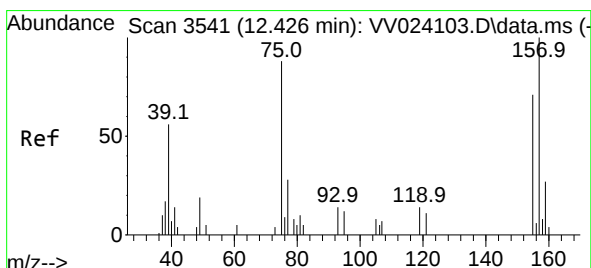
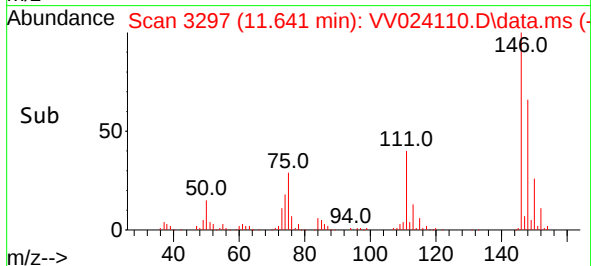
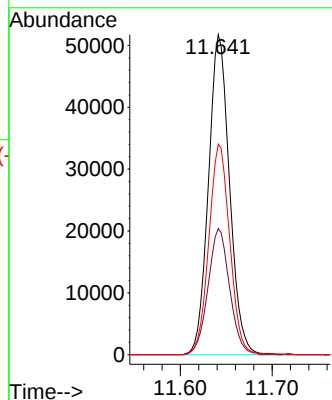
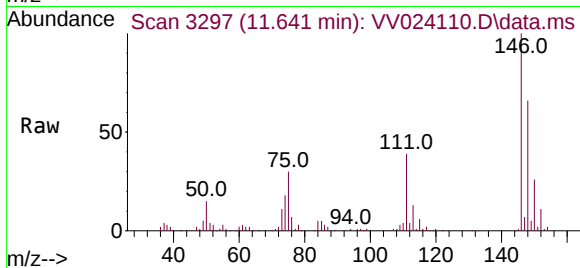
Tgt Ion:146 Resp: 82503

Ion Ratio Lower Upper

146 100

111 39.4 31.9 47.9

148 65.8 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.830 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024110.D

Acq: 20 Dec 2021 00:14

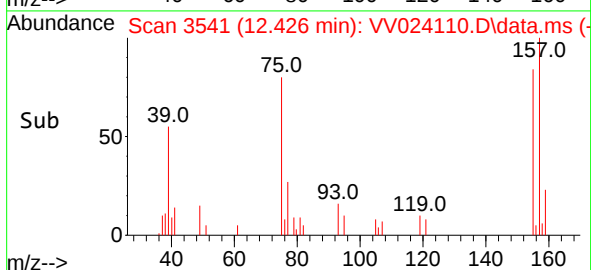
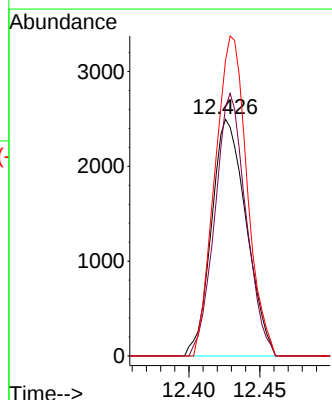
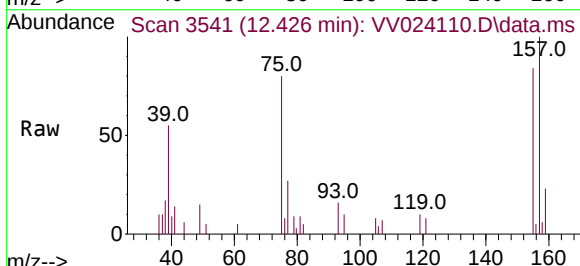
Tgt Ion: 75 Resp: 4244

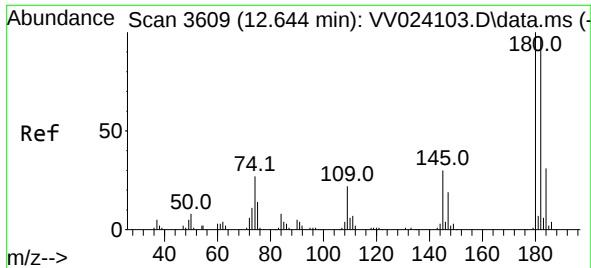
Ion Ratio Lower Upper

75 100

155 105.2 71.7 107.5

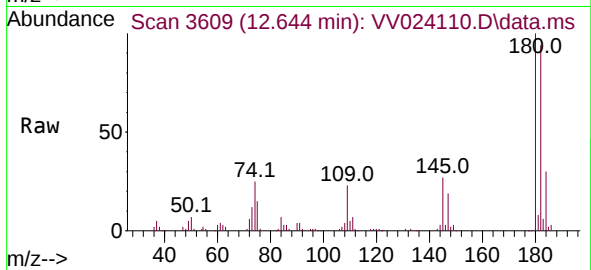
157 124.9 103.3 154.9



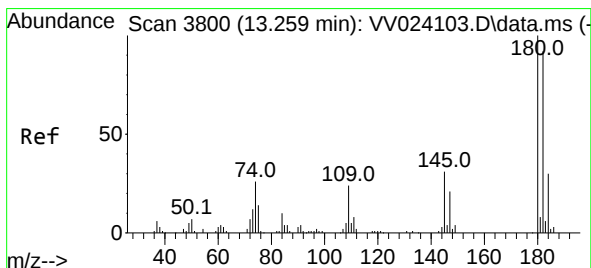
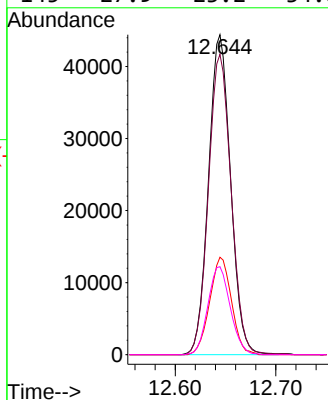
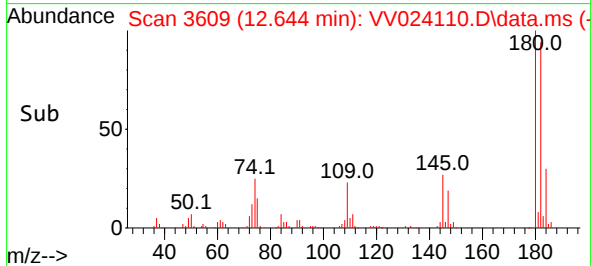


#69
 1,3,5-Trichlorobenzene
 Concen: 4.642 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV024110.D
 Acq: 20 Dec 2021 00:14

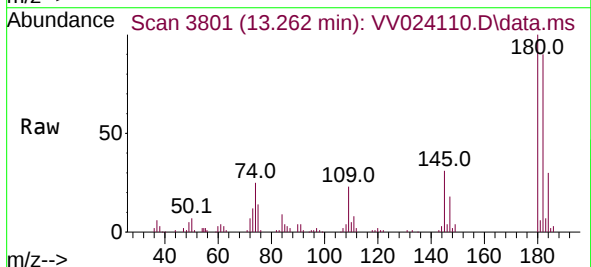
Instrument :
 MSVOA_V
 ClientSampleId :



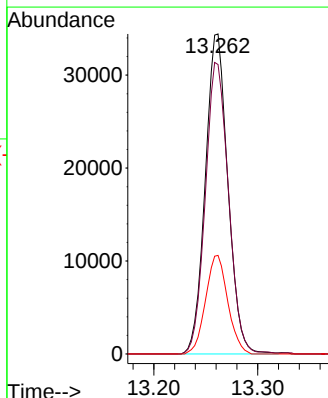
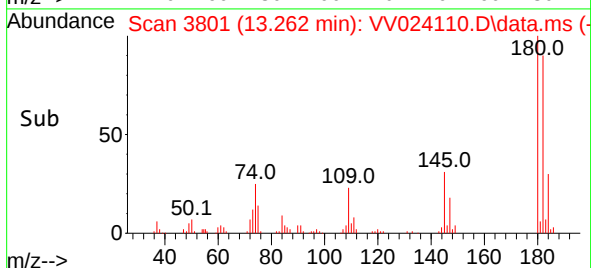
Tgt Ion:180 Resp: 67717
 Ion Ratio Lower Upper
 180 100
 182 96.4 76.4 114.6
 184 30.1 24.2 36.4
 145 27.9 23.2 34.8

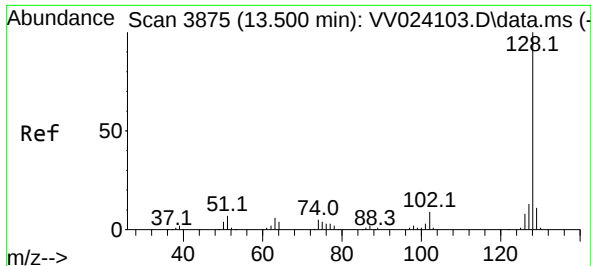


#70
 1,2,4-trichlorobenzene
 Concen: 4.535 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV024110.D
 Acq: 20 Dec 2021 00:14



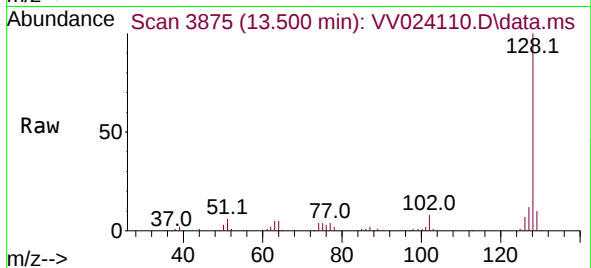
Tgt Ion:180 Resp: 51958
 Ion Ratio Lower Upper
 180 100
 182 93.4 74.4 111.6
 145 30.2 23.3 34.9



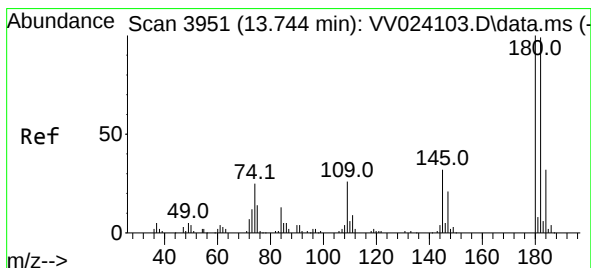
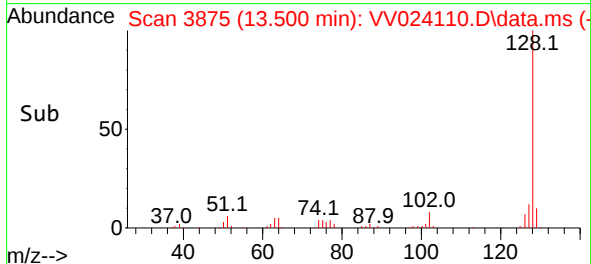
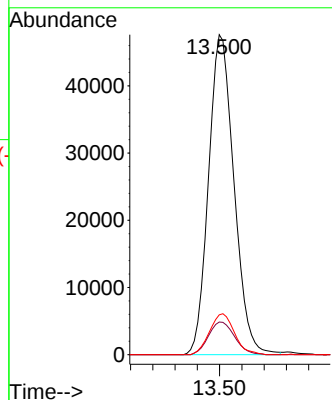


#71
Naphthalene
Concen: 4.583 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 75466
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.777 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024110.D
Acq: 20 Dec 2021 00:14

Tgt Ion:180 Resp: 48314
Ion Ratio Lower Upper
180 100
182 97.1 76.8 115.2
145 30.4 25.8 38.6

