

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024631.D
 Acq On : 12 Feb 2022 02:51
 Operator : SY/MD
 Sample : N1480-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW9MS

Quant Time: Feb 12 07:11:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 07:08:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115065	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36038	3.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.571	69	35760	4.386	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.114	63	89942	4.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.892	46	92210	57.589	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.180%
24) Chloroform-d	4.352	84	82699	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.037	65	38422	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.053	84	153367	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.072	67	48150	4.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.316	98	139590	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.622	79	17406	4.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.088	63	78126	52.506	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32378	5.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	46719	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	75845	5.016	ug/L	100
3) Chloromethane	1.243	50	74629	5.016	ug/L	98
5) Vinyl chloride	1.314	62	81281	5.073	ug/L	99
6) Bromomethane	1.526	94	48562	4.924	ug/L	99
8) Chloroethane	1.587	64	54789	5.583	ug/L	95
9) Trichlorofluoromethane	1.757	101	114571	5.291	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	58597	4.854	ug/L #	86
12) 1,1-Dichloroethene	2.121	96	60703	5.095	ug/L	95
13) Acetone	2.182	43	69362	54.893	ug/L	73
14) Carbon disulfide	2.297	76	177647	4.692	ug/L	100
15) Methyl Acetate	2.442	43	16157	4.471	ug/L	99
16) Methylene chloride	2.510	84	57492	4.871	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	125471	5.111	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	58505	4.999	ug/L	94
19) 1,1-Dichloroethane	3.191	63	110007	5.442	ug/L	98
21) 2-Butanone	3.973	43	113694	54.291	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	63142	5.351	ug/L	86
23) Bromochloromethane	4.252	128	24084	5.374	ug/L #	81
25) Chloroform	4.378	83	111307	5.261	ug/L	99

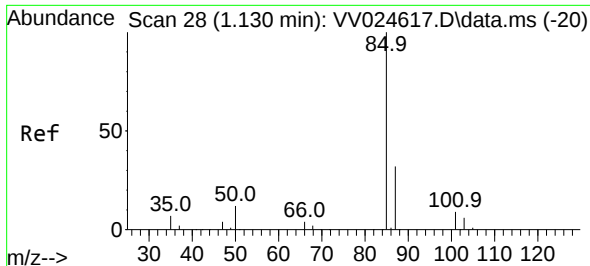
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	63459	5.470	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	101678	5.230	ug/L	96
30) Cyclohexane	4.677	56	99750	4.980	ug/L	96
31) Carbon tetrachloride	4.831	117	83242	5.056	ug/L	98
33) Benzene	5.101	78	248978	5.383	ug/L	100
34) Trichloroethene	5.915	95	64711	5.081	ug/L	88
35) Methylcyclohexane	6.130	83	99915	4.742	ug/L	97
37) 1,2-Dichloropropane	6.172	63	60267	5.376	ug/L	97
38) Bromodichloromethane	6.509	83	75750	5.084	ug/L #	99
39) cis-1,3-Dichloropropene	7.027	75	85413	5.000	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	308010	53.241	ug/L	99
42) Toluene	7.387	91	268160	5.322	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	68645	4.864	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	39305	5.410	ug/L	99
47) Tetrachloroethene	7.976	164	40880	4.838	ug/L	90
48) 2-Hexanone	8.136	43	218020	55.053	ug/L	97
49) Dibromochloromethane	8.246	129	44383	5.059	ug/L	96
50) 1,2-Dibromoethane	8.352	107	36020	5.283	ug/L #	98
51) Chlorobenzene	8.879	112	162853	5.274	ug/L	93
52) Ethylbenzene	9.011	91	289577	5.165	ug/L	98
53) m,p-xylene	9.136	106	114044	5.371	ug/L	100
54) o-xylene	9.541	106	107613	5.256	ug/L	93
55) Styrene	9.558	104	177075	5.268	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41591	5.652	ug/L	97
59) Bromoform	9.728	173	19316	4.877	ug/L	97
60) Isopropylbenzene	9.931	105	283501	5.042	ug/L	97
61) 1,2,3-Trichloropropane	10.271	75	32120	5.256	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	237451	4.932	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	240235	5.019	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	116077	5.072	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	113395	4.989	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	103676	5.103	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6288	5.297	ug/L #	71
69) 1,3,5-Trichlorobenzene	12.644	180	75789	4.655	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	62415	4.747	ug/L	97
71) Naphthalene	13.500	128	116448	4.890	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	53680	4.854	ug/L	98

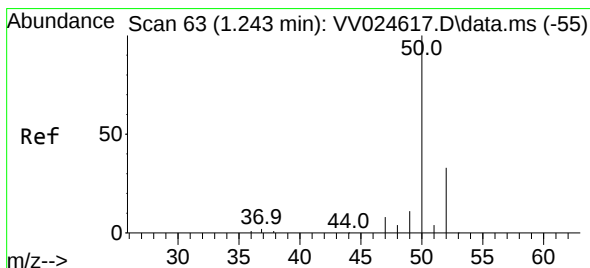
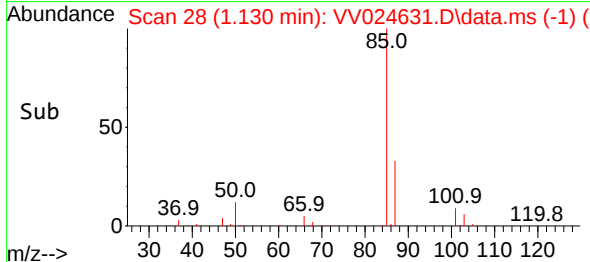
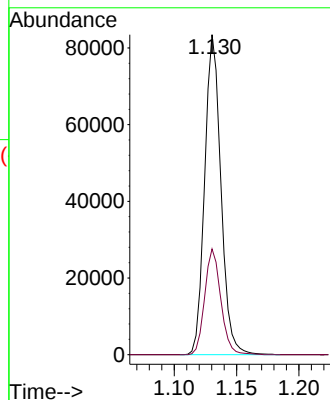
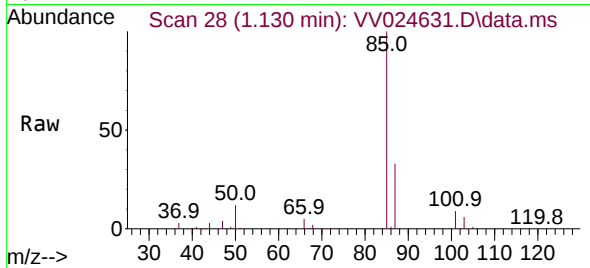
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.016 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024631.D
 Acq: 12 Feb 2022 02:51

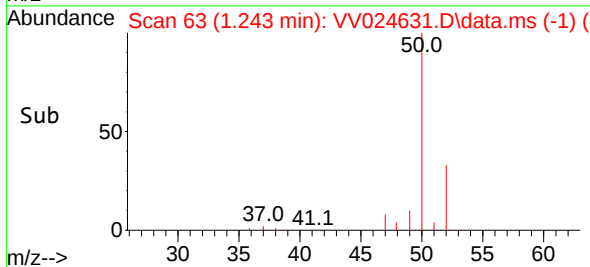
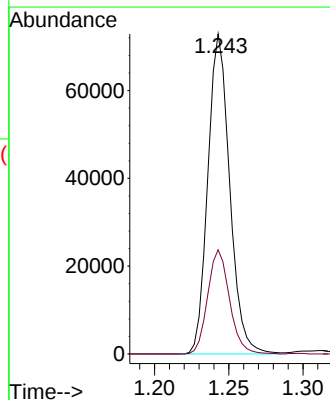
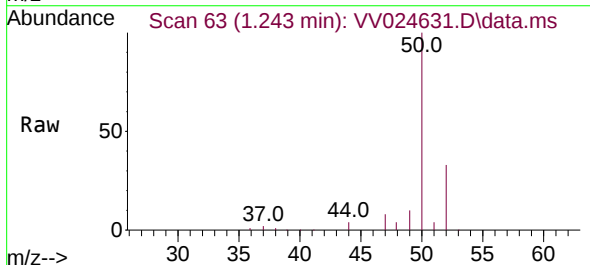
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW9MS

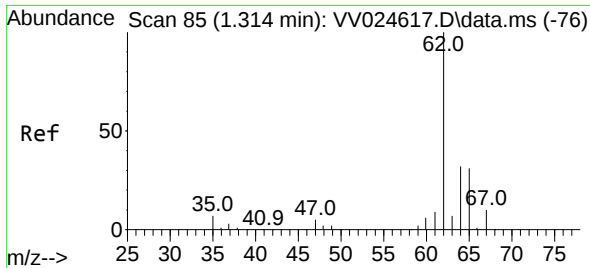
Tgt Ion: 85 Resp: 75845
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 5.016 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024631.D
 Acq: 12 Feb 2022 02:51

Tgt Ion: 50 Resp: 74629
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 41.0

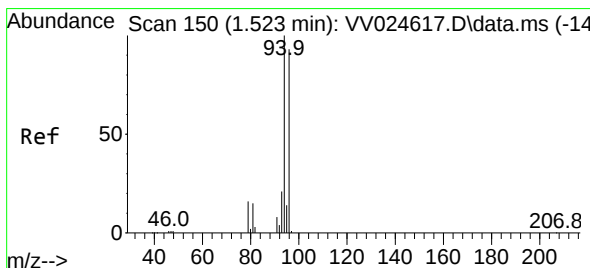
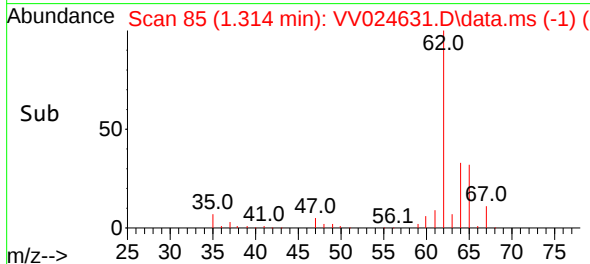
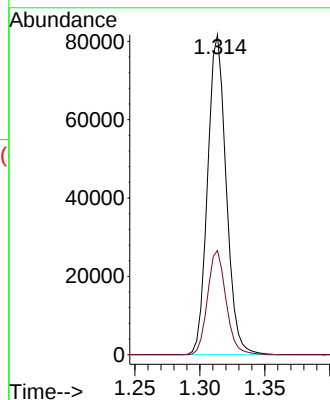
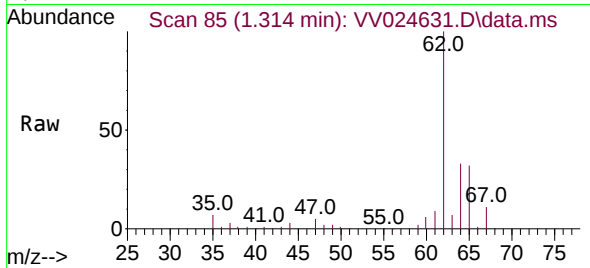




#5
 Vinyl chloride
 Concen: 5.073 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV024631.D
 Acq: 12 Feb 2022 02:51

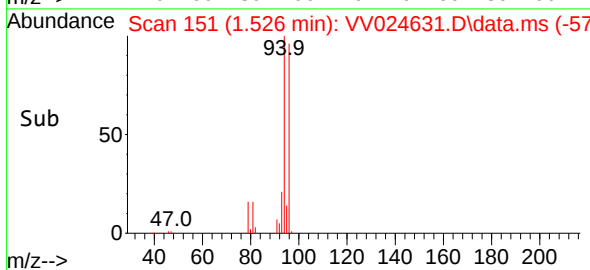
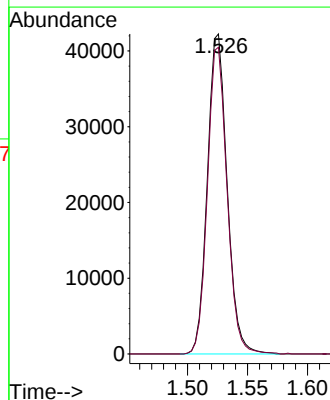
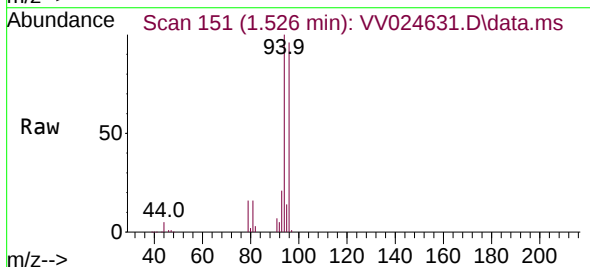
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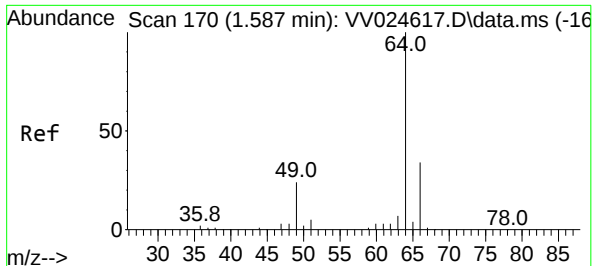
Tgt Ion: 62 Resp: 81281
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.4 41.6



#6
 Bromomethane
 Concen: 4.924 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024631.D
 Acq: 12 Feb 2022 02:51

Tgt Ion: 94 Resp: 48562
 Ion Ratio Lower Upper
 94 100
 96 95.9 66.2 123.0

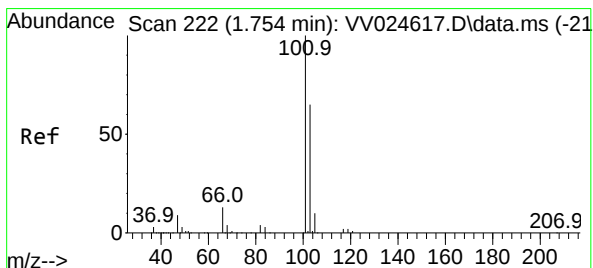
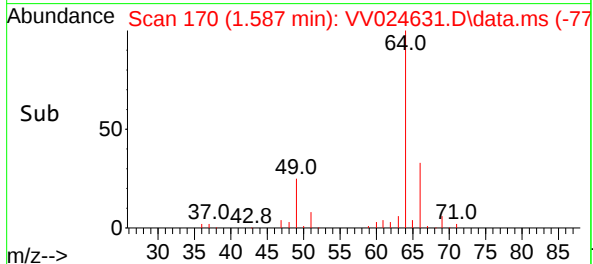
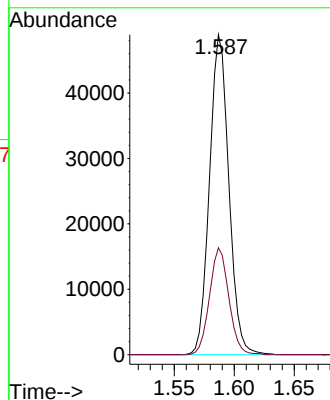
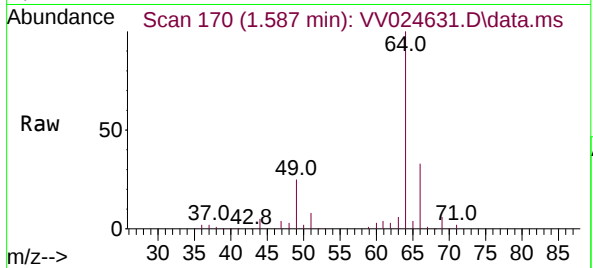




#8
Chloroethane
Concen: 5.583 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

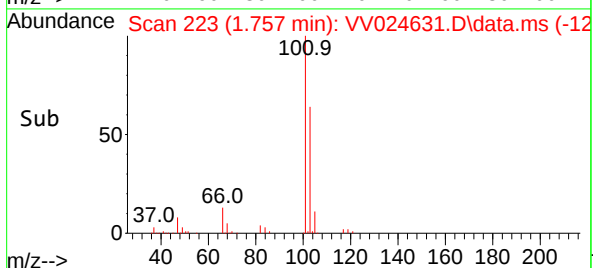
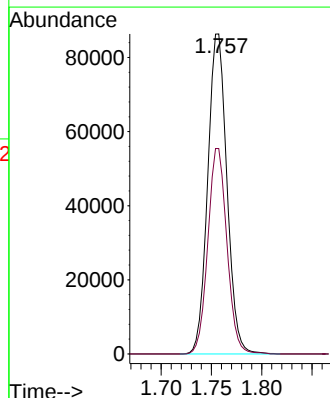
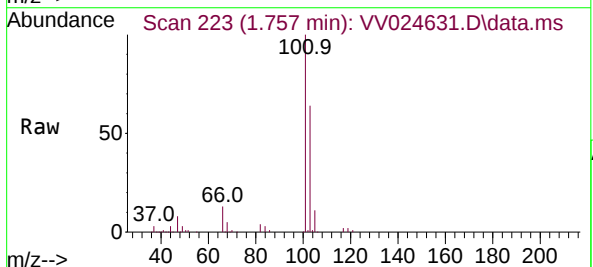
Instrument :
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ClientSampleId :
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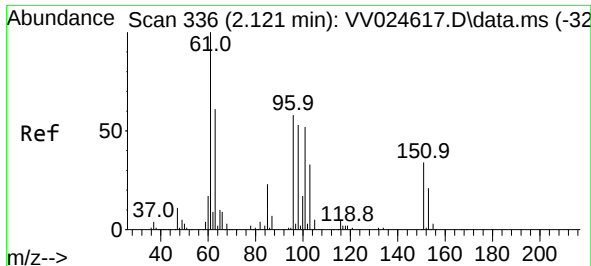
Tgt Ion: 64 Resp: 54789
Ion Ratio Lower Upper
64 100
66 33.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.291 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion:101 Resp: 114571
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

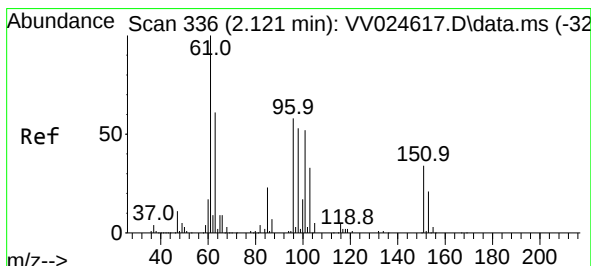
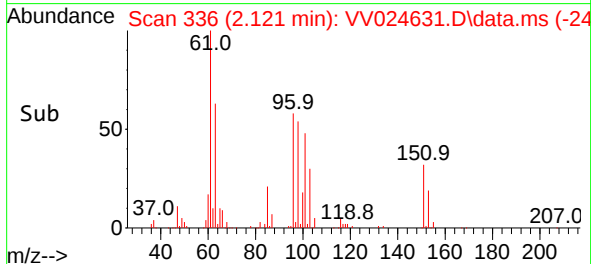
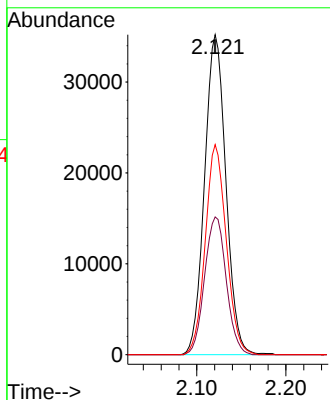
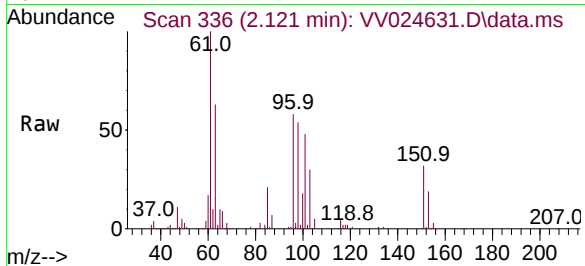




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.854 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024631.D
 Acq: 12 Feb 2022 02:51

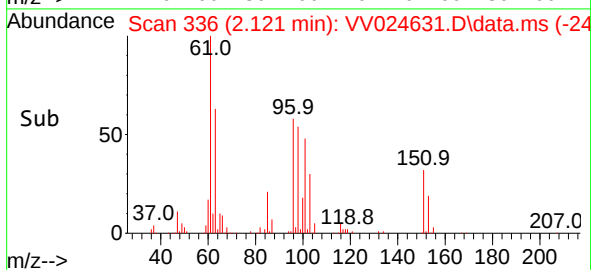
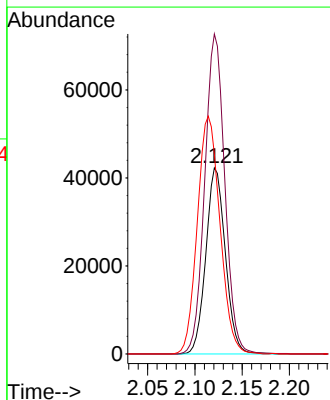
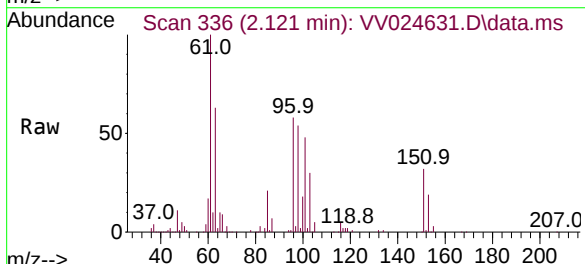
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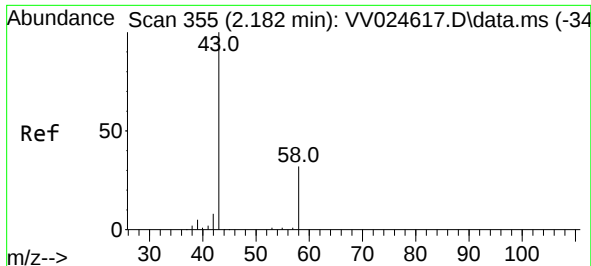
Tgt Ion:101 Resp: 58597
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.0 54.0
 151 64.7 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 5.095 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024631.D
 Acq: 12 Feb 2022 02:51

Tgt Ion: 96 Resp: 60703
 Ion Ratio Lower Upper
 96 100
 61 171.9 116.1 215.5
 63 107.5 79.4 147.4





#13

Acetone

Concen: 54.893 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

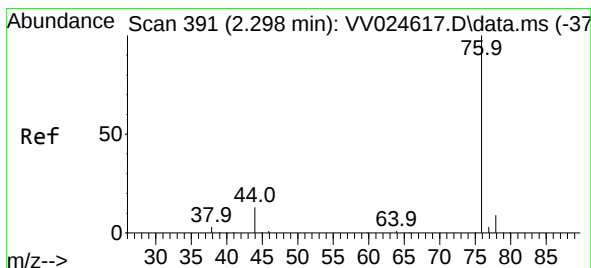
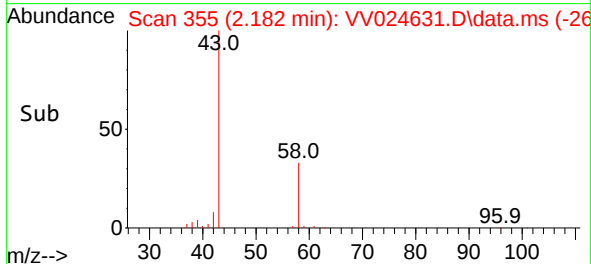
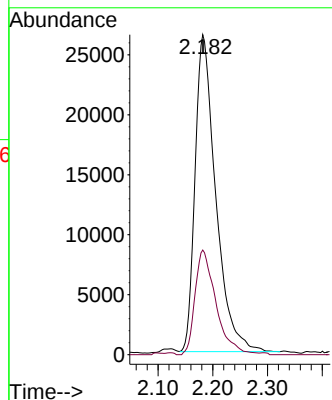
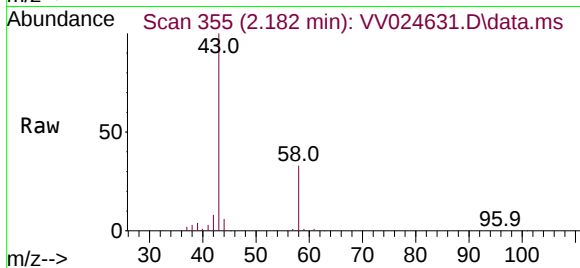
GBCW9MS

Tgt Ion: 43 Resp: 69362

Ion Ratio Lower Upper

43 100

58 33.5 0.0 41.4



#14

Carbon disulfide

Concen: 4.692 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV024631.D

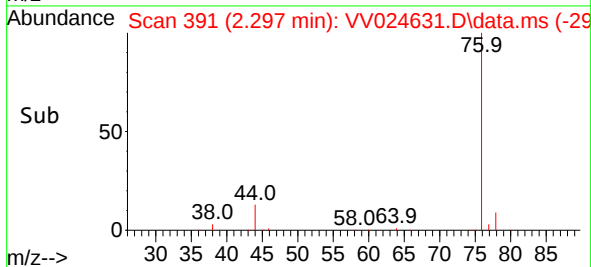
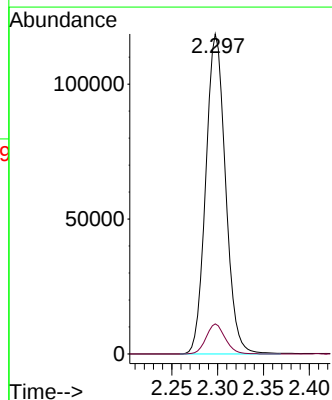
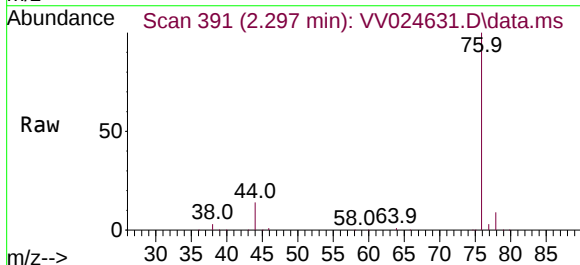
Acq: 12 Feb 2022 02:51

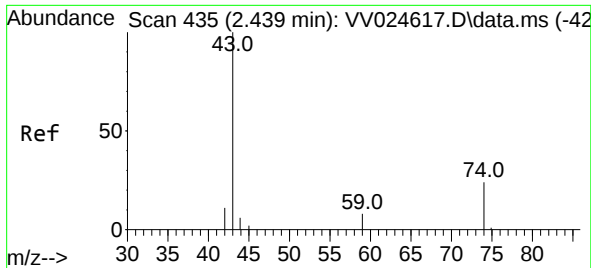
Tgt Ion: 76 Resp: 177647

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 4.471 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

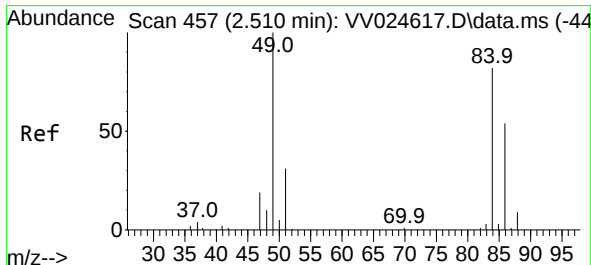
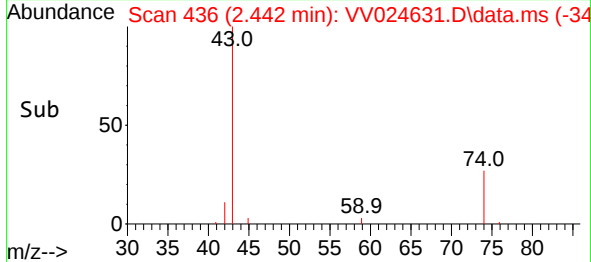
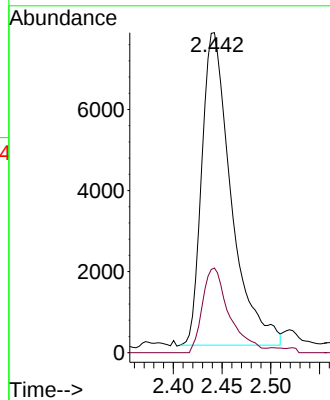
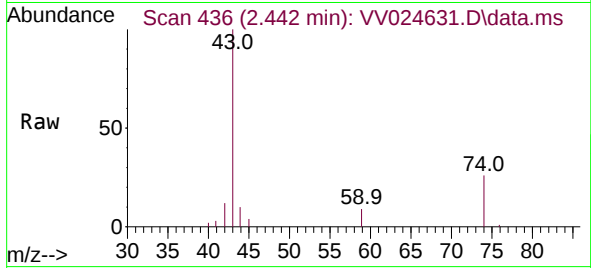
GBCW9MS

Tgt Ion: 43 Resp: 16157

Ion Ratio Lower Upper

43 100

74 24.8 20.2 30.2



#16

Methylene chloride

Concen: 4.871 ug/L

RT: 2.510 min Scan# 457

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

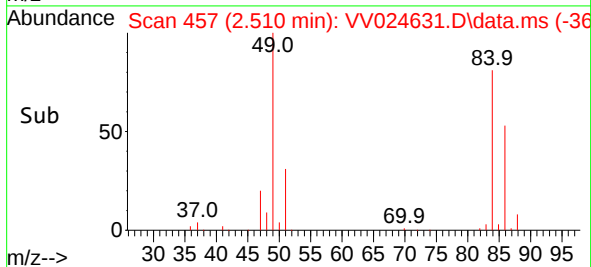
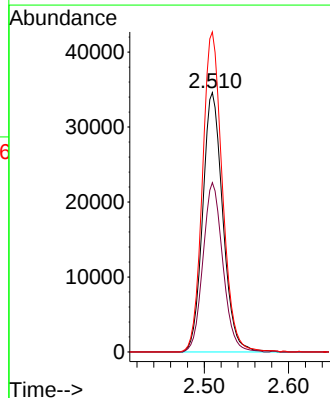
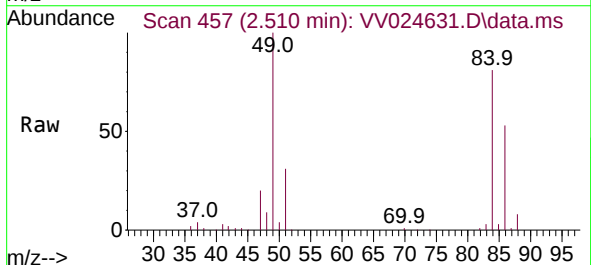
Tgt Ion: 84 Resp: 57492

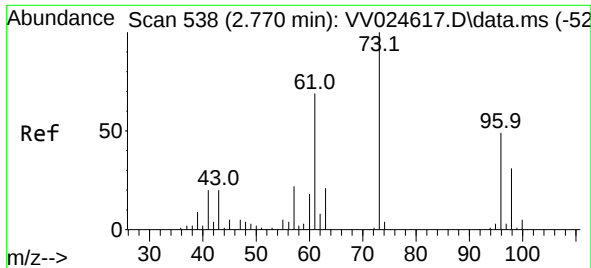
Ion Ratio Lower Upper

84 100

86 65.3 42.6 79.0

49 123.4 79.7 147.9

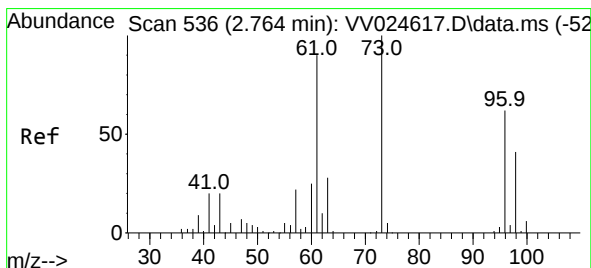
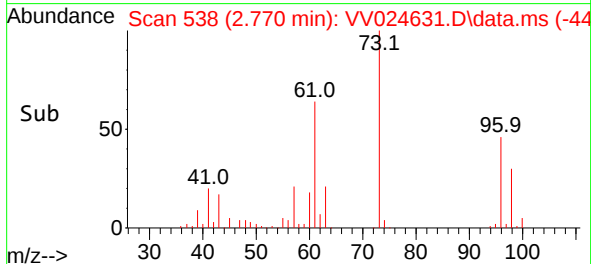
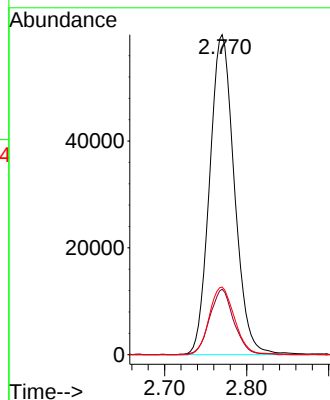
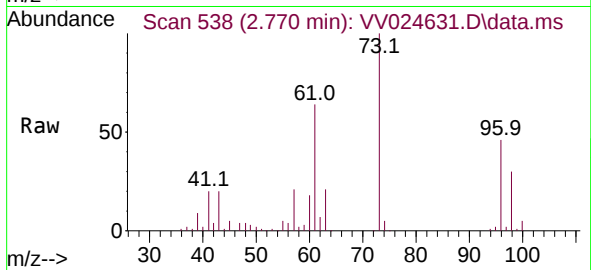




#17
Methyl tert-butyl Ether
Concen: 5.111 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

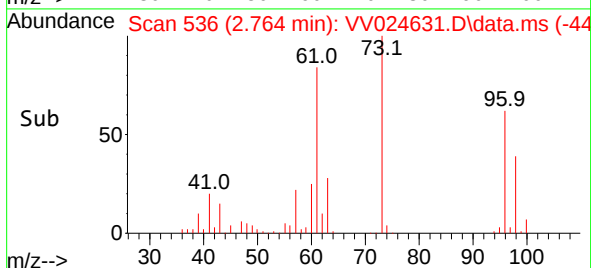
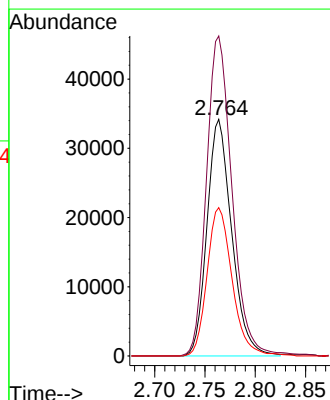
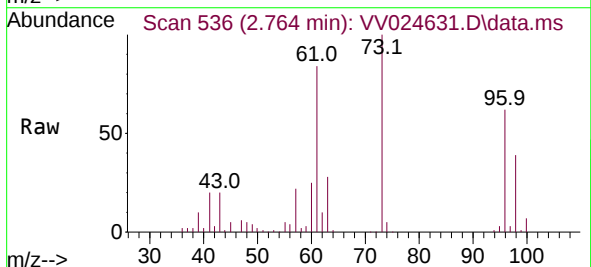
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

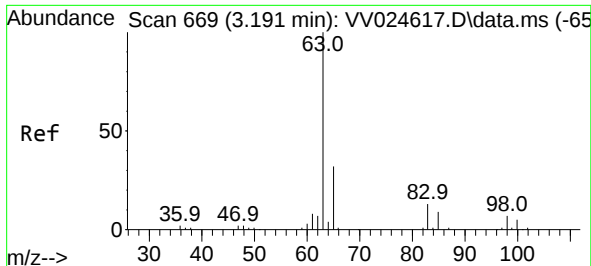
Tgt Ion: 73 Resp: 125471
Ion Ratio Lower Upper
73 100
43 20.2 15.5 23.3
57 21.6 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.999 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion: 96 Resp: 58505
Ion Ratio Lower Upper
96 100
61 135.2 88.2 163.8
98 62.7 44.9 83.5

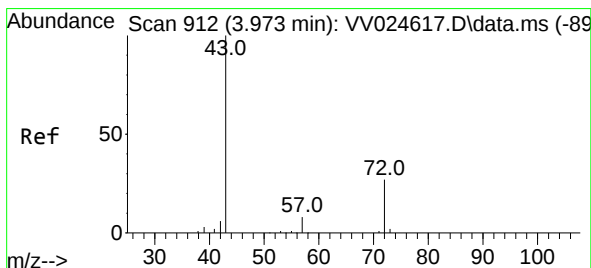
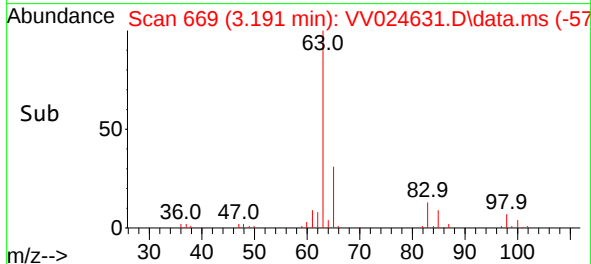
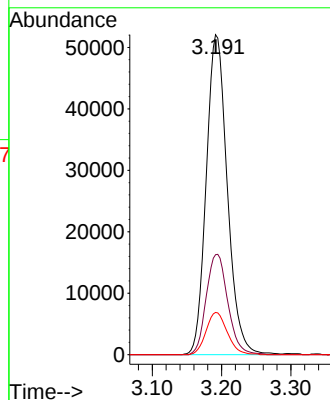
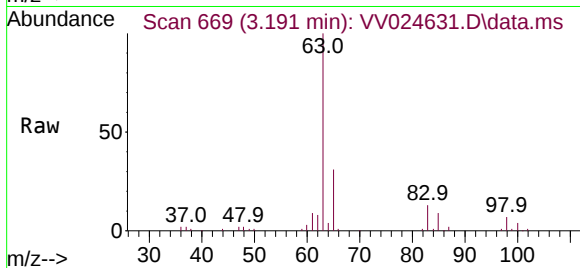




#19
1,1-Dichloroethane
Concen: 5.442 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

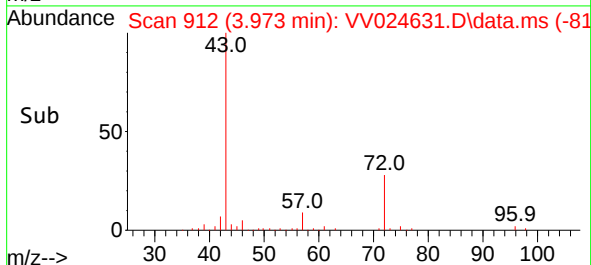
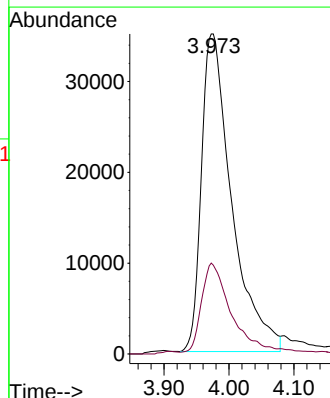
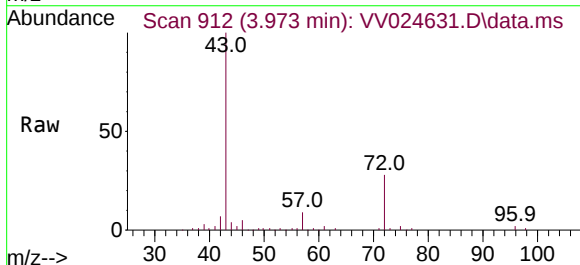
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

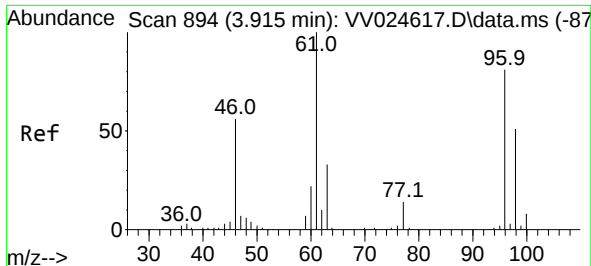
Tgt Ion: 63 Resp: 110007
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.3
83 13.2 10.7 19.9



#21
2-Butanone
Concen: 54.291 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion: 43 Resp: 113694
Ion Ratio Lower Upper
43 100
72 28.0 11.1 33.1

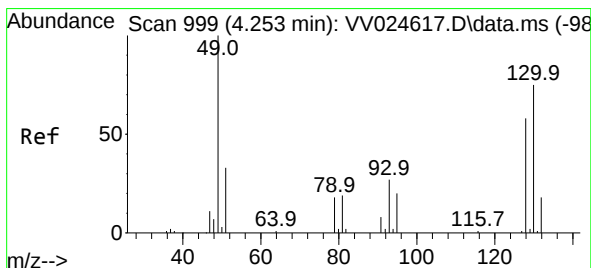
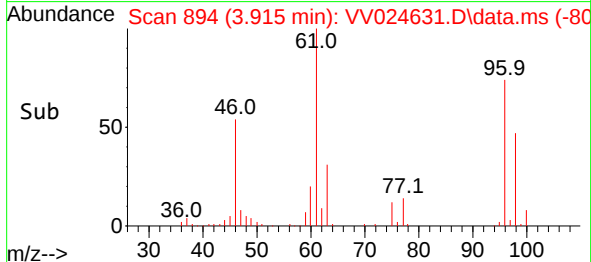
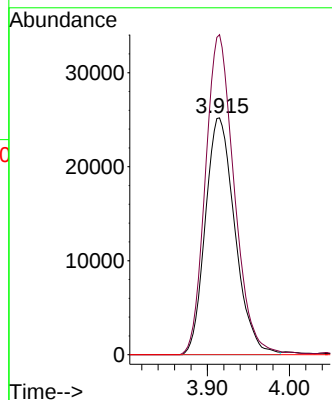
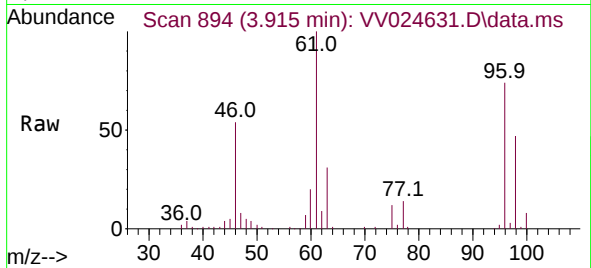




#22
 cis-1,2-Dichloroethene
 Concen: 5.351 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. -0.000 min
 Lab File: VV024631.D
 Acq: 12 Feb 2022 02:51

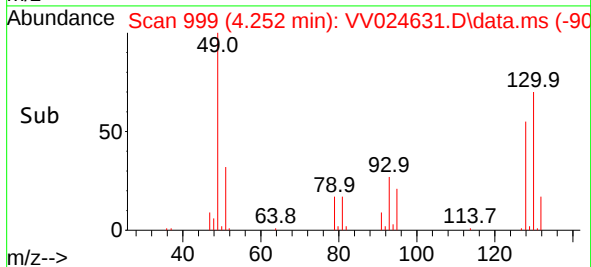
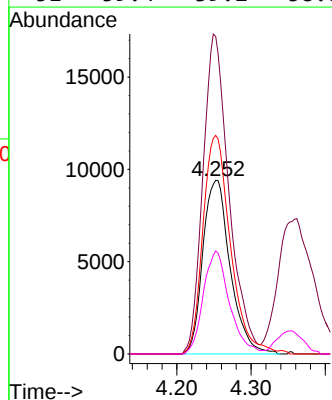
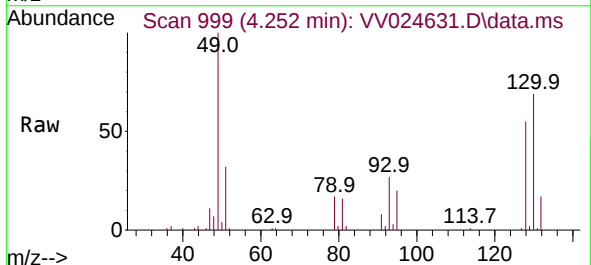
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCW9MS

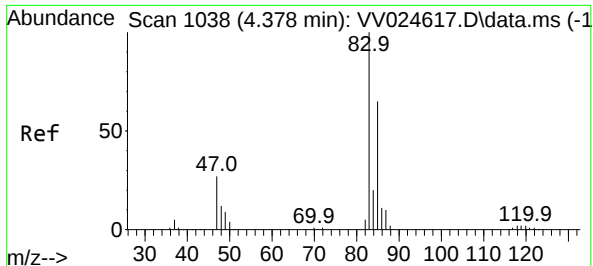
Tgt Ion: 96 Resp: 63142
 Ion Ratio Lower Upper
 96 100
 61 135.1 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.374 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VV024631.D
 Acq: 12 Feb 2022 02:51

Tgt Ion: 128 Resp: 24084
 Ion Ratio Lower Upper
 128 100
 49 182.9 100.2 186.2
 130 125.9 92.5 171.7
 51 59.4 39.2 58.8#





#25

Chloroform

Concen: 5.261 ug/L

RT: 4.378 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

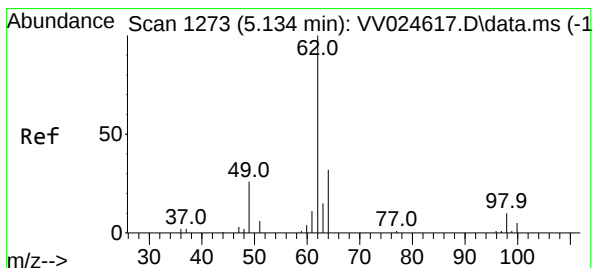
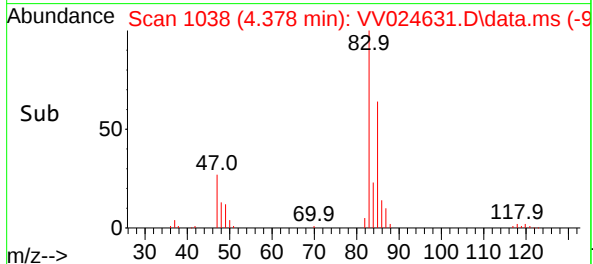
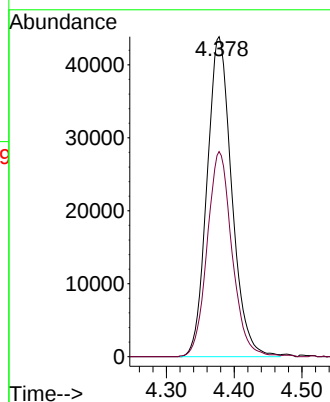
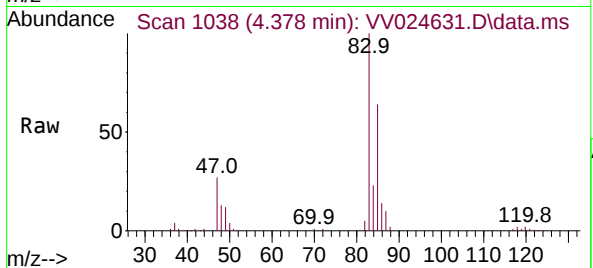
GBCW9MS

Tgt Ion: 83 Resp: 111307

Ion Ratio Lower Upper

83 100

85 64.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.470 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV024631.D

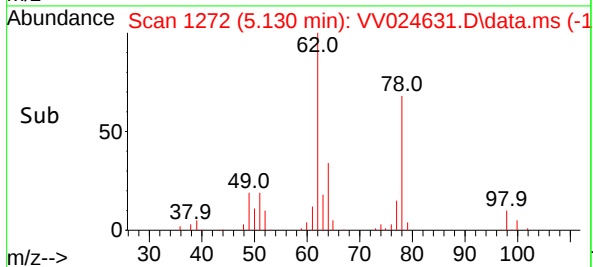
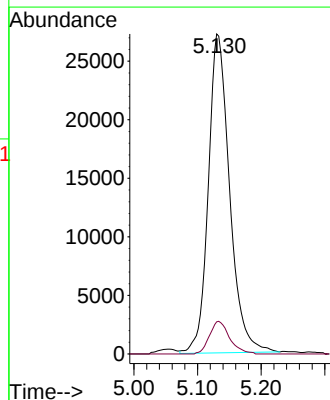
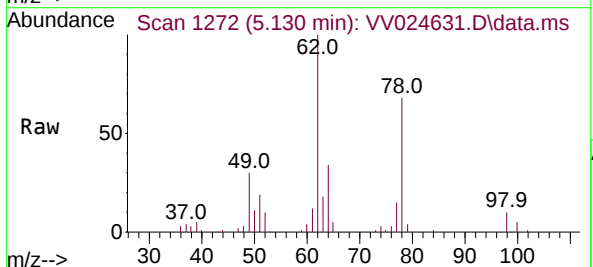
Acq: 12 Feb 2022 02:51

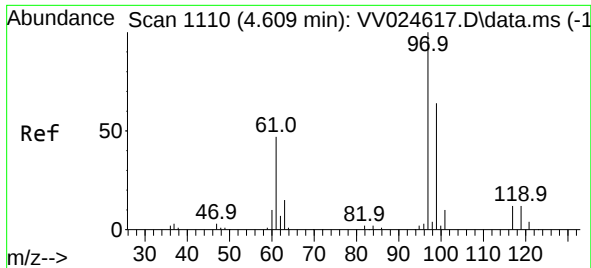
Tgt Ion: 62 Resp: 63459

Ion Ratio Lower Upper

62 100

98 10.0 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.230 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

GBCW9MS

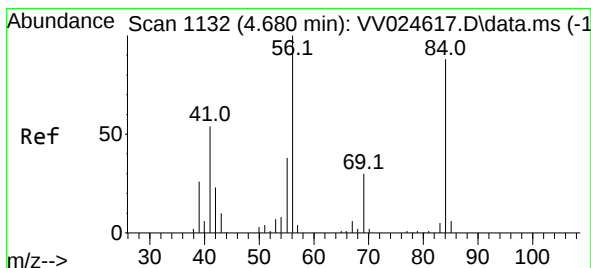
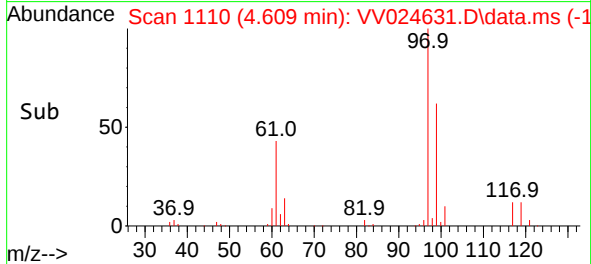
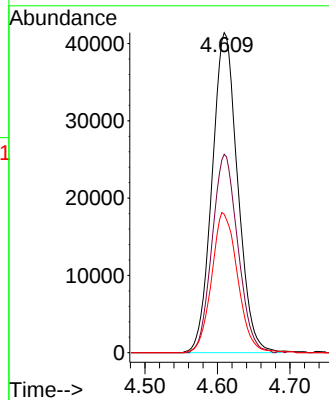
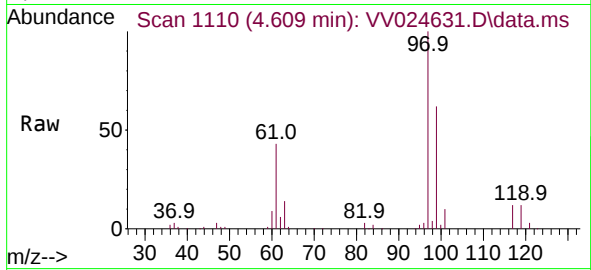
Tgt Ion: 97 Resp: 101678

Ion Ratio Lower Upper

97 100

99 62.2 51.9 77.9

61 44.5 33.2 49.8



#30

Cyclohexane

Concen: 4.980 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

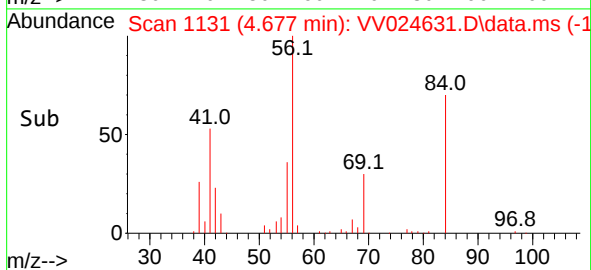
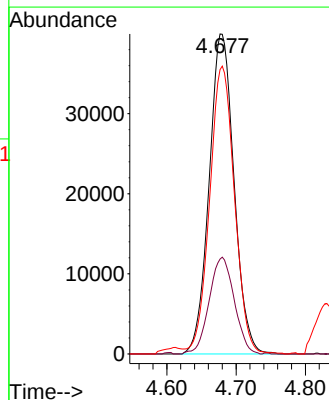
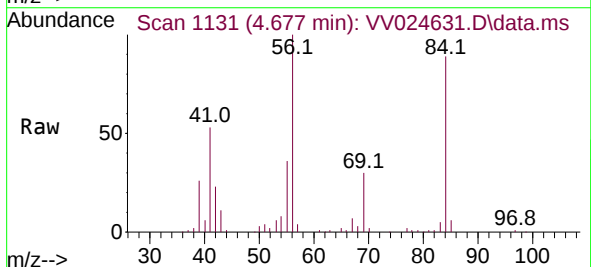
Tgt Ion: 56 Resp: 99750

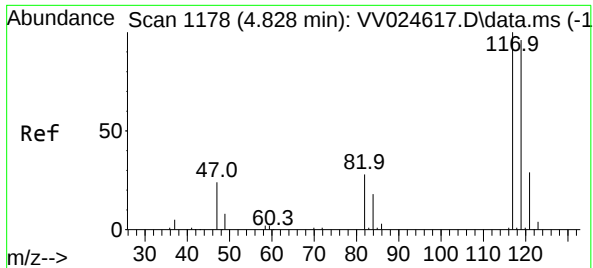
Ion Ratio Lower Upper

56 100

69 30.4 24.8 37.2

84 89.8 75.9 113.9

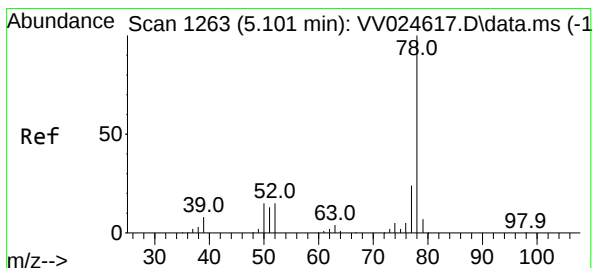
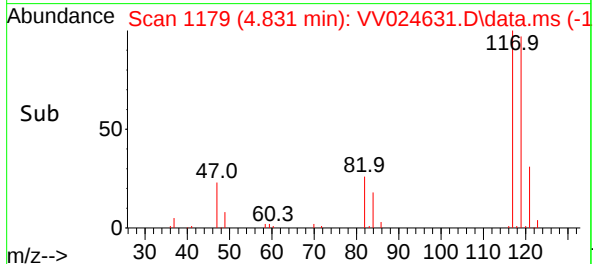
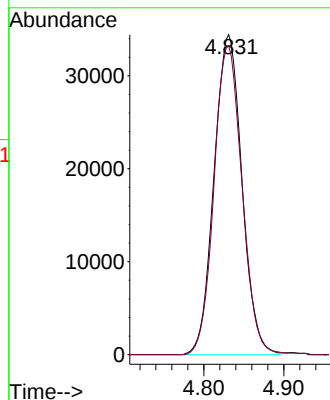
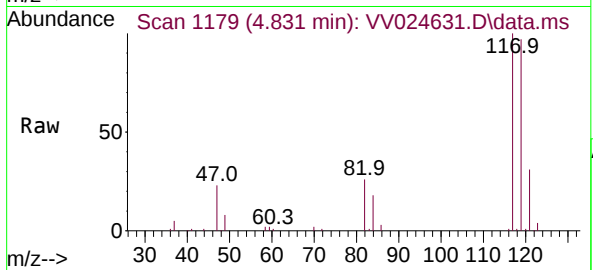




#31
Carbon tetrachloride
Concen: 5.056 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

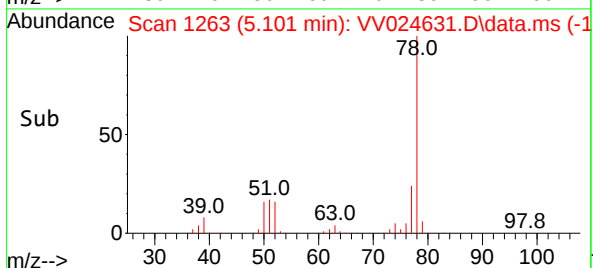
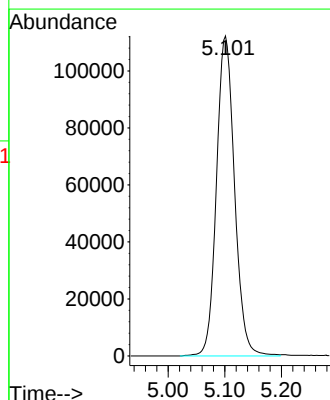
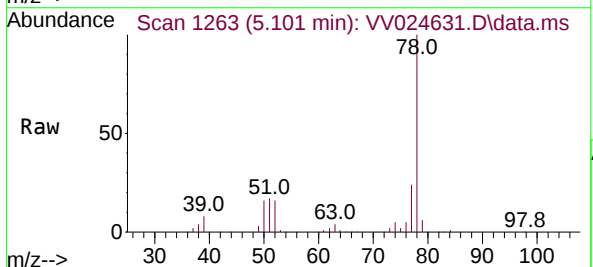
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

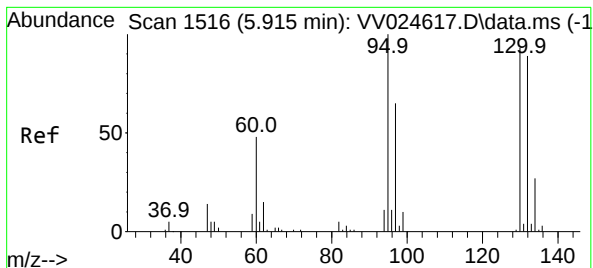
Tgt Ion:117 Resp: 83242
Ion Ratio Lower Upper
117 100
119 97.2 76.6 114.8



#33
Benzene
Concen: 5.383 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion: 78 Resp: 248978





#34

Trichloroethene

Concen: 5.081 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

GBCW9MS

Tgt Ion: 95 Resp: 64711

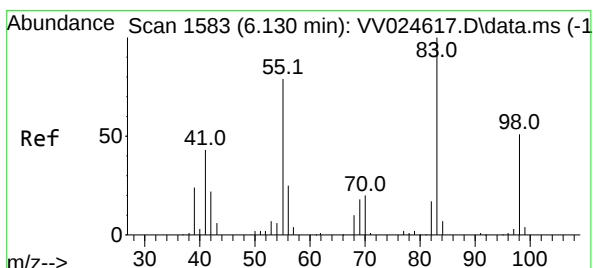
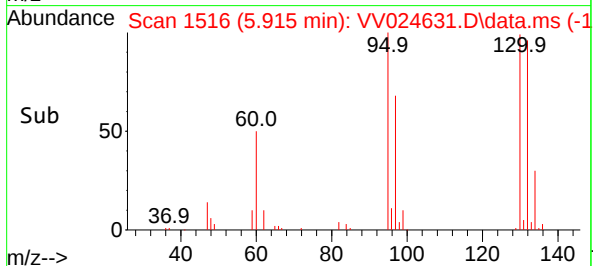
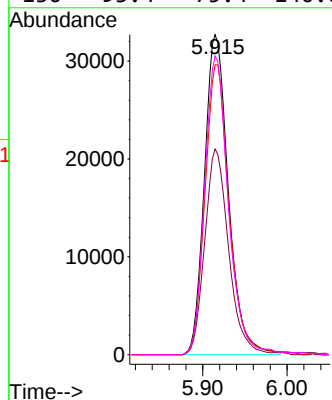
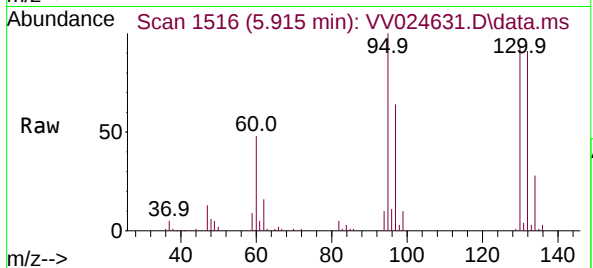
Ion Ratio Lower Upper

95 100

97 64.2 45.2 84.0

132 90.6 76.1 141.3

130 93.4 75.4 140.0



#35

Methylcyclohexane

Concen: 4.742 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

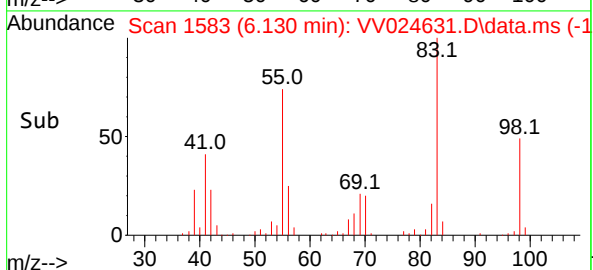
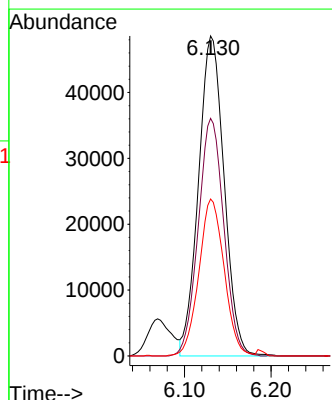
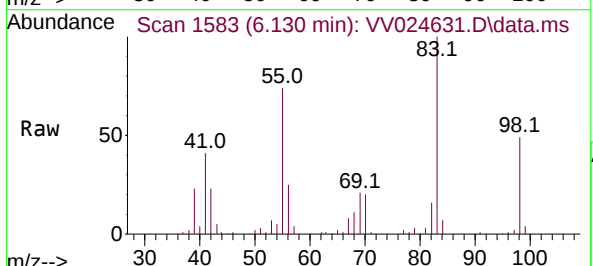
Tgt Ion: 83 Resp: 99915

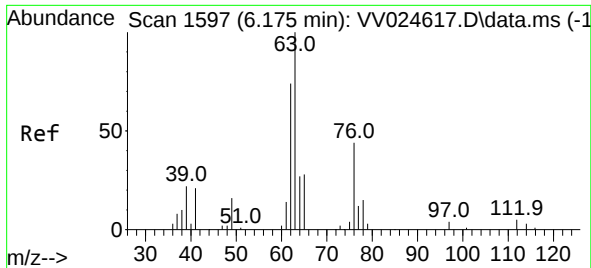
Ion Ratio Lower Upper

83 100

55 73.9 60.2 90.2

98 48.4 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.376 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

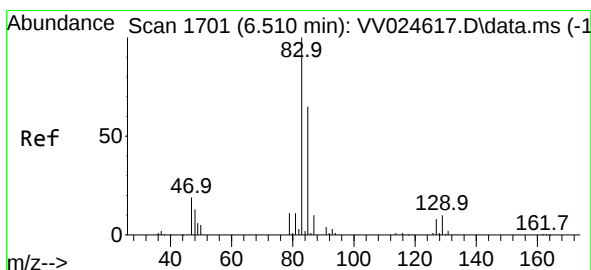
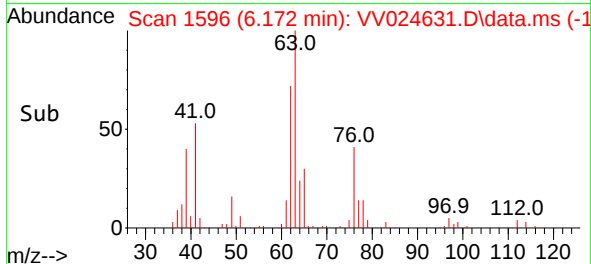
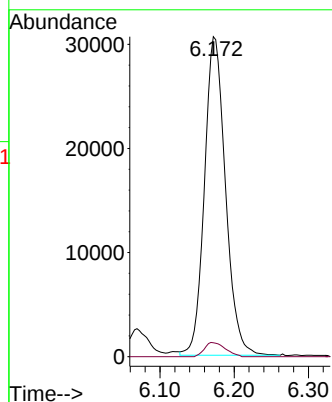
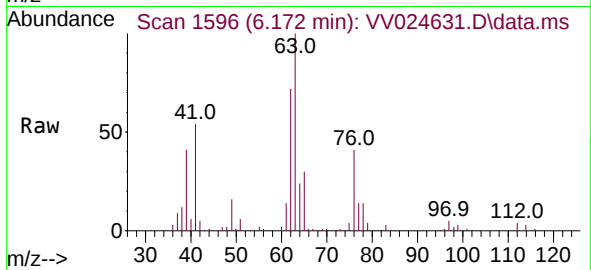
GBCW9MS

Tgt Ion: 63 Resp: 60267

Ion Ratio Lower Upper

63 100

112 4.4 4.3 6.5



#38

Bromodichloromethane

Concen: 5.084 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

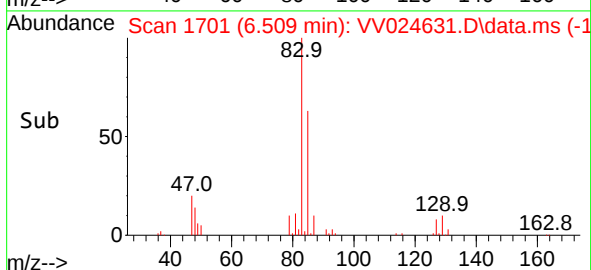
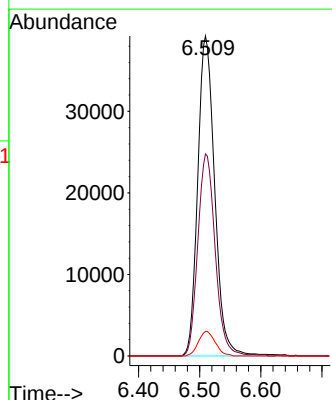
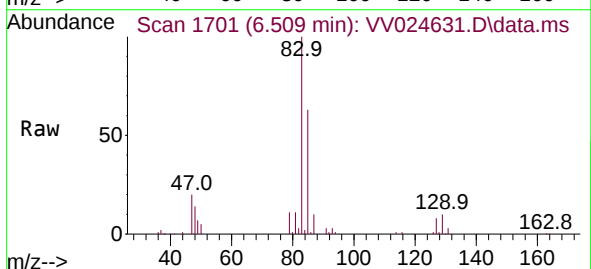
Tgt Ion: 83 Resp: 75750

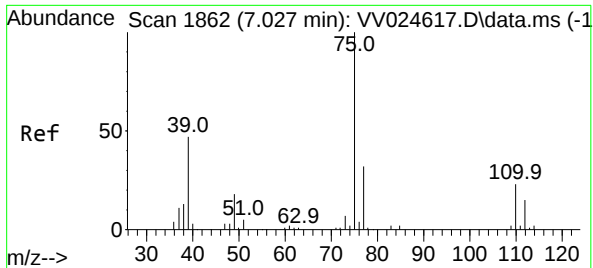
Ion Ratio Lower Upper

83 100

85 63.1 44.0 81.8

127 7.7 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.000 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

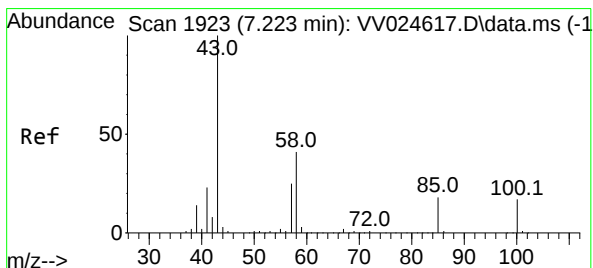
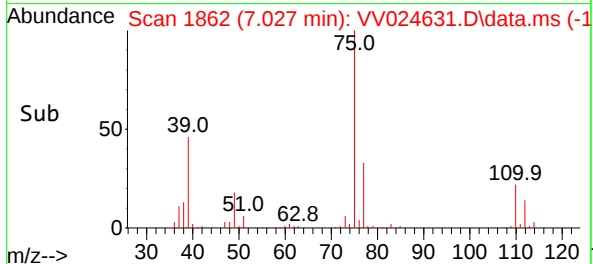
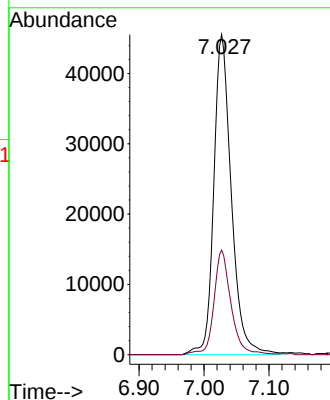
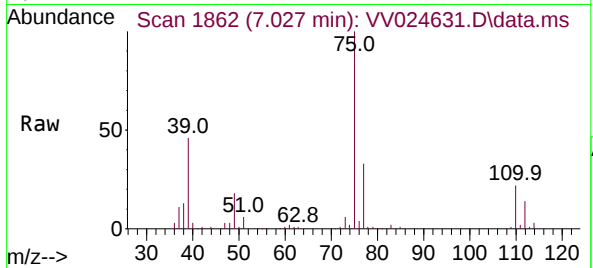
GBCW9MS

Tgt Ion: 75 Resp: 85413

Ion Ratio Lower Upper

75 100

77 32.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 53.241 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

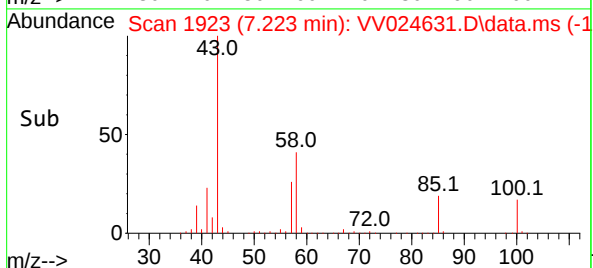
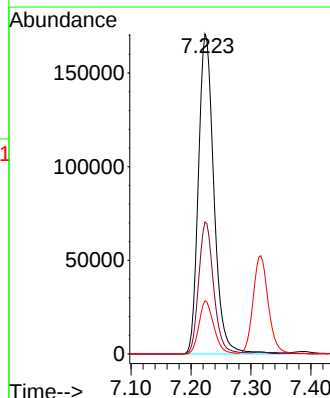
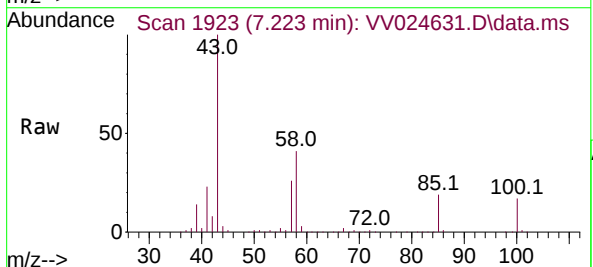
Tgt Ion: 43 Resp: 308010

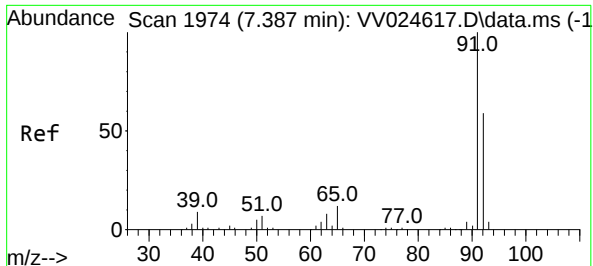
Ion Ratio Lower Upper

43 100

58 39.9 32.3 48.5

100 15.9 13.0 19.6





#42

Toluene

Concen: 5.322 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

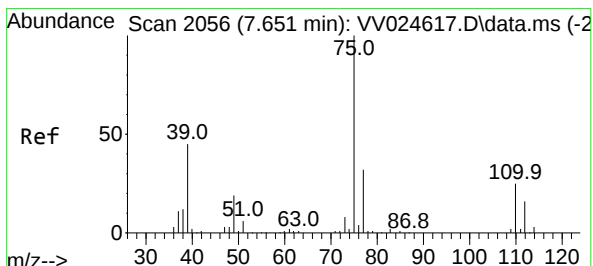
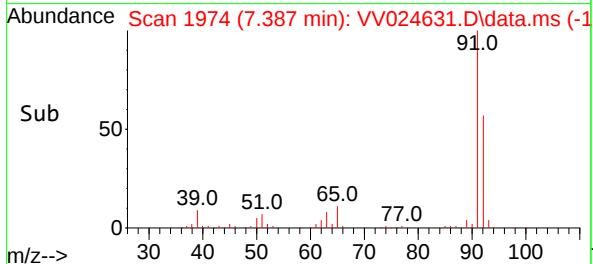
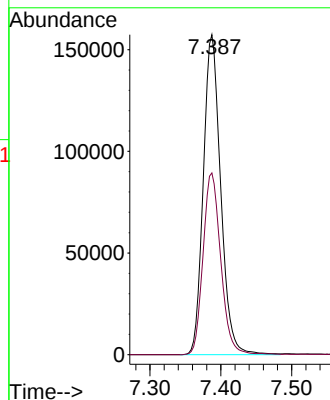
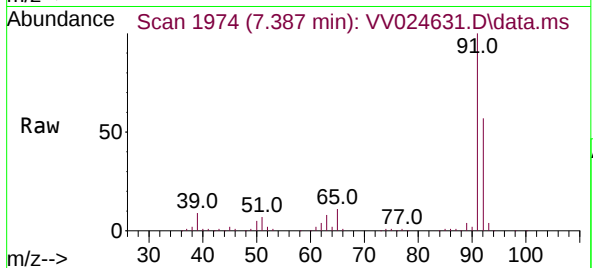
GBCW9MS

Tgt Ion: 91 Resp: 268160

Ion Ratio Lower Upper

91 100

92 56.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.864 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV024631.D

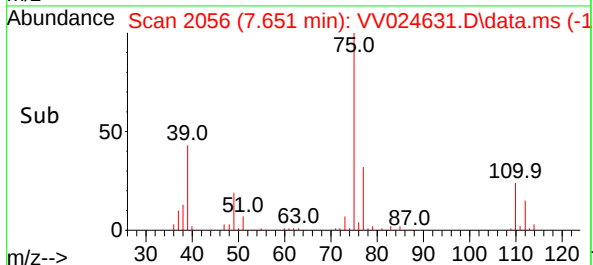
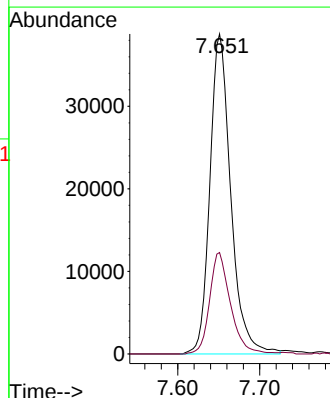
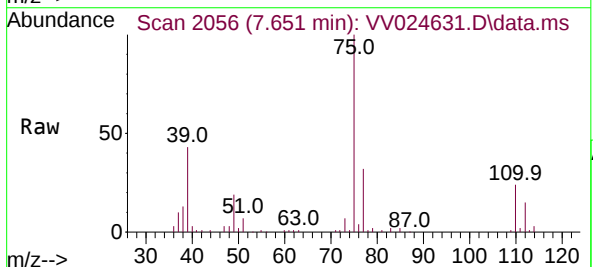
Acq: 12 Feb 2022 02:51

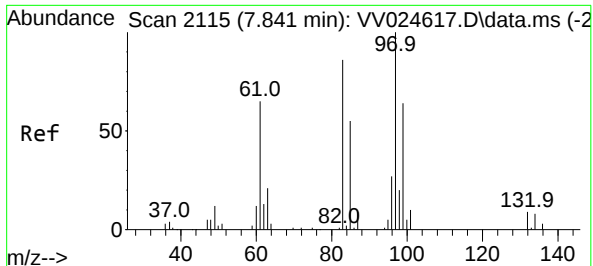
Tgt Ion: 75 Resp: 68645

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.410 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

GBCW9MS

Tgt Ion: 97 Resp: 39305

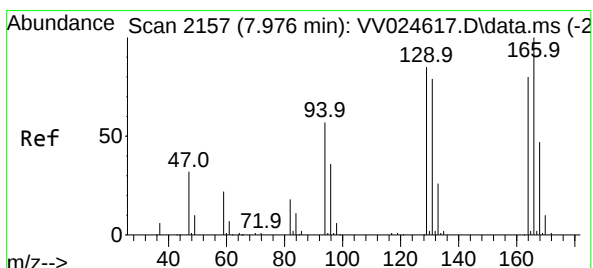
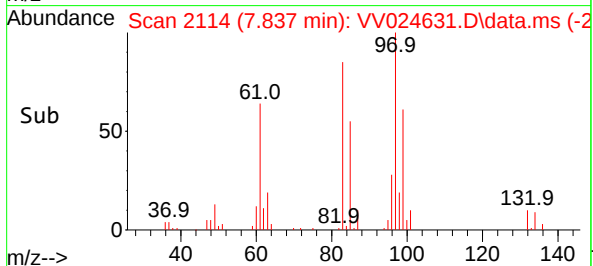
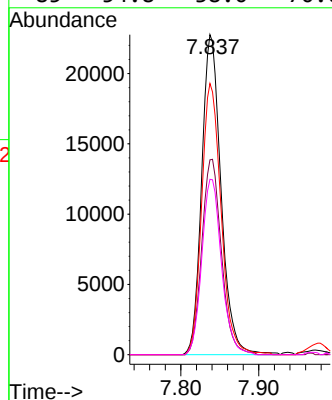
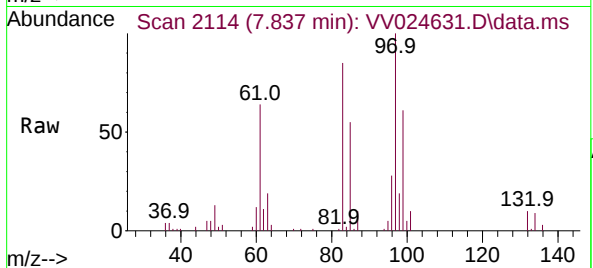
Ion Ratio Lower Upper

97 100

99 60.9 43.1 80.1

83 84.8 57.9 107.5

85 54.8 38.0 70.6



#47

Tetrachloroethene

Concen: 4.838 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Tgt Ion:164 Resp: 40880

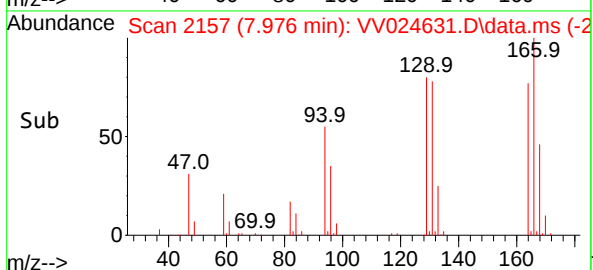
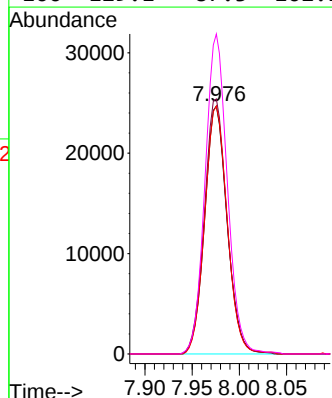
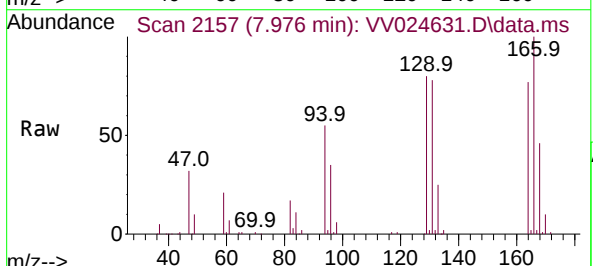
Ion Ratio Lower Upper

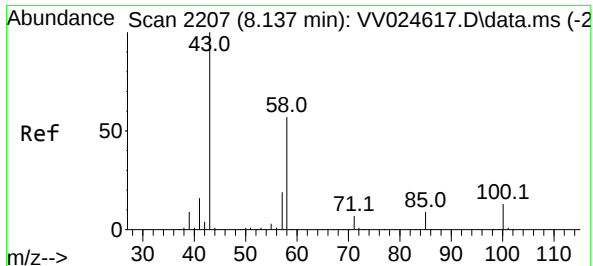
164 100

129 102.9 62.6 116.2

131 100.1 61.0 113.4

166 129.1 87.3 162.1

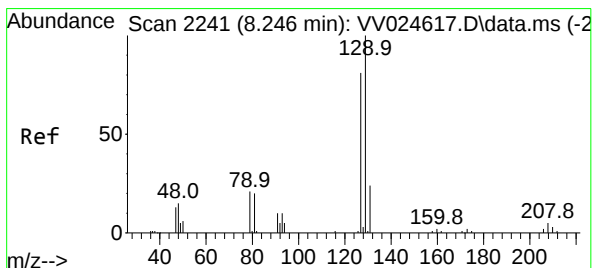
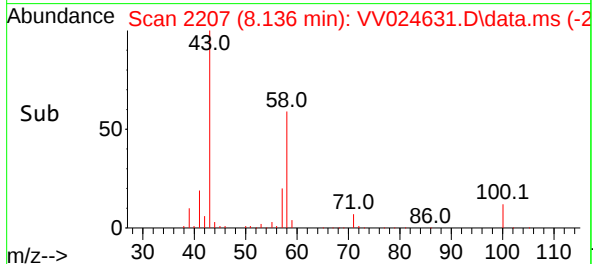
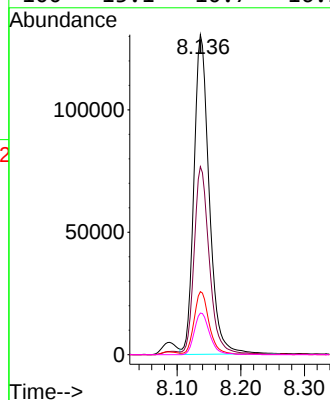
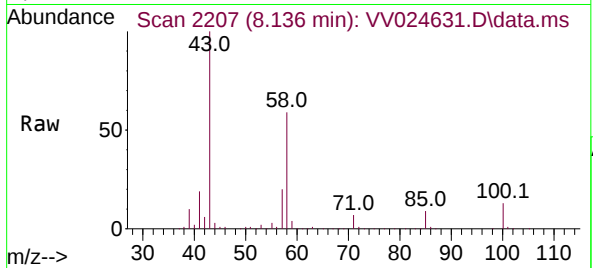




#48
2-Hexanone
Concen: 55.053 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

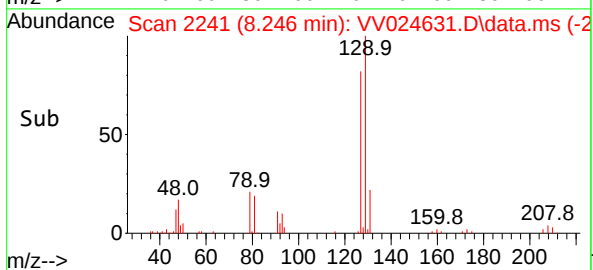
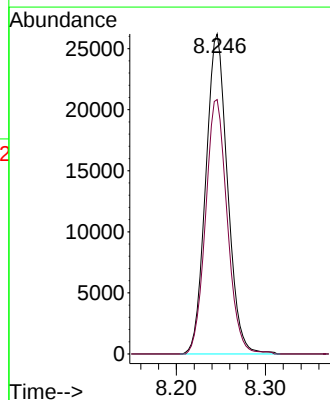
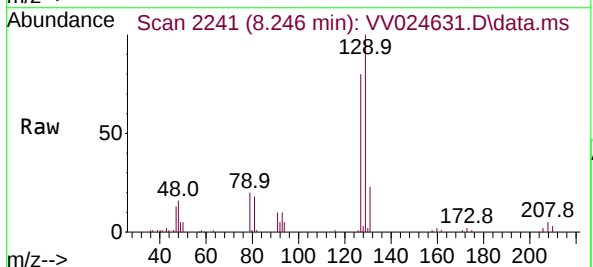
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

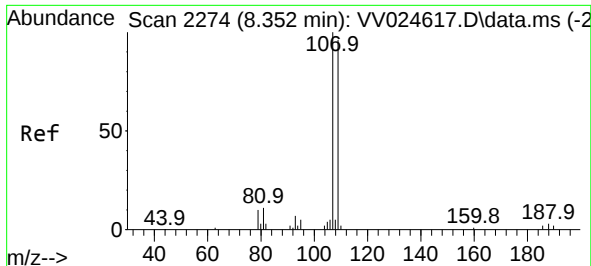
Tgt Ion: 43 Resp: 218020
Ion Ratio Lower Upper
43 100
58 58.4 44.5 66.7
57 19.2 15.1 22.7
100 13.1 10.7 16.1



#49
Dibromochloromethane
Concen: 5.059 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion: 129 Resp: 44383
Ion Ratio Lower Upper
129 100
127 79.5 53.5 99.3

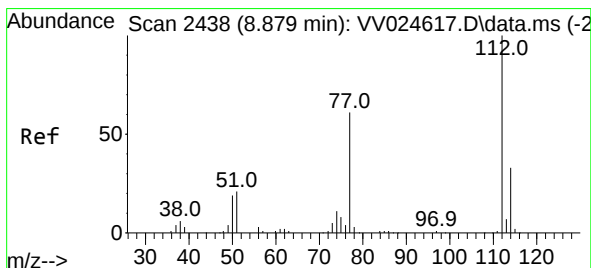
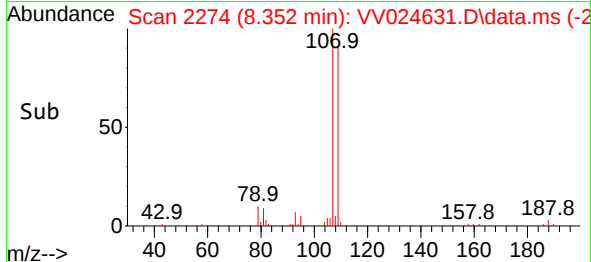
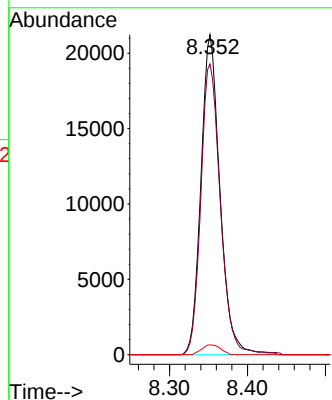
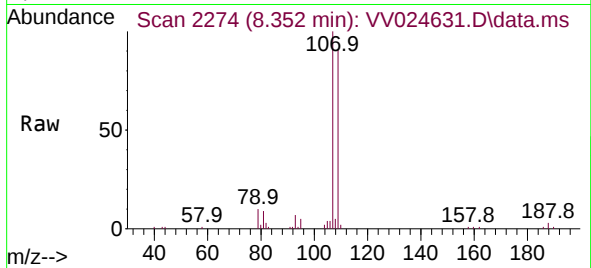




#50
1,2-Dibromoethane
Concen: 5.283 ug/L
RT: 8.352 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

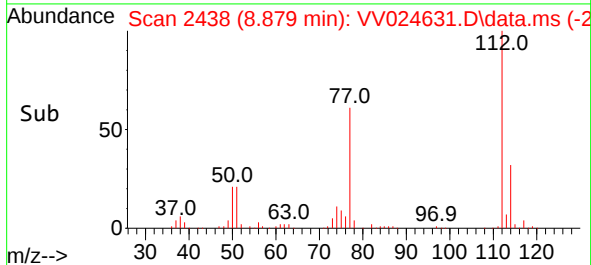
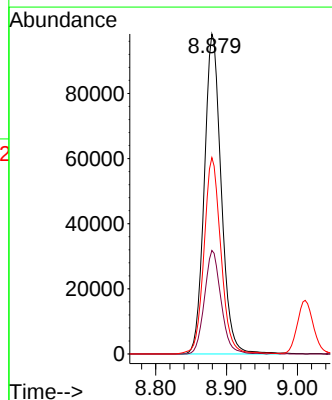
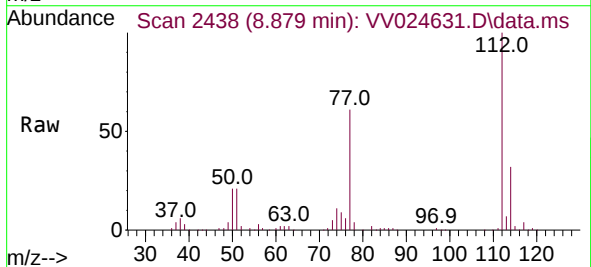
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

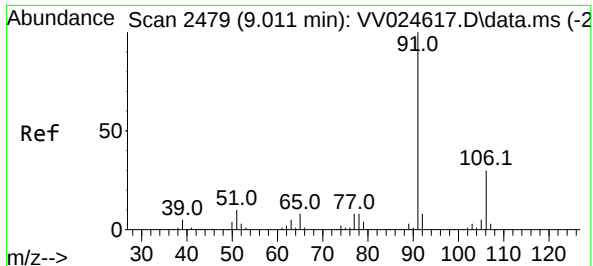
Tgt Ion:107 Resp: 36020
Ion Ratio Lower Upper
107 100
109 90.8 62.5 116.1
188 3.1 3.4 5.2#



#51
Chlorobenzene
Concen: 5.274 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion:112 Resp: 162853
Ion Ratio Lower Upper
112 100
114 32.4 23.3 43.3
77 61.4 43.3 64.9





#52

Ethylbenzene

Concen: 5.165 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

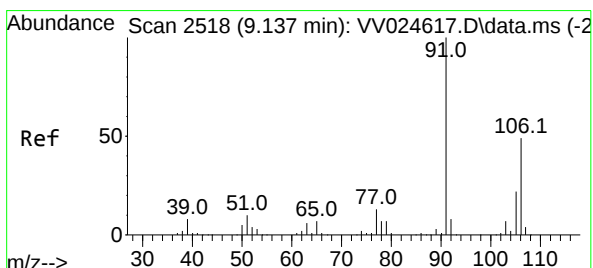
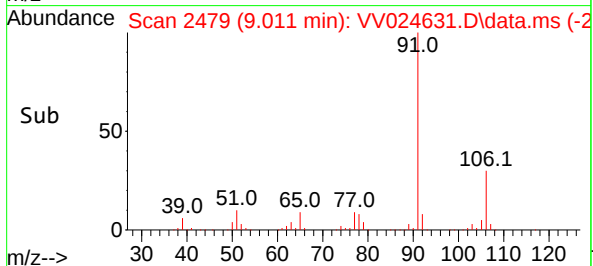
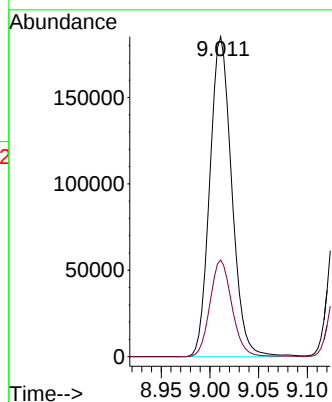
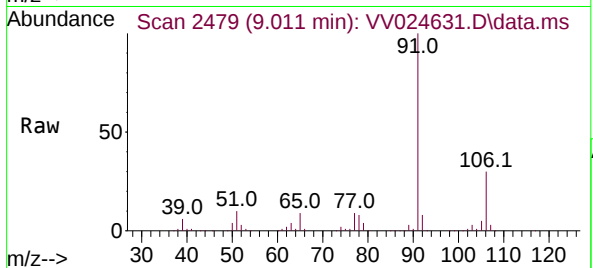
GBCW9MS

Tgt Ion: 91 Resp: 289577

Ion Ratio Lower Upper

91 100

106 30.2 22.0 41.0



#53

m,p-xylene

Concen: 5.371 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024631.D

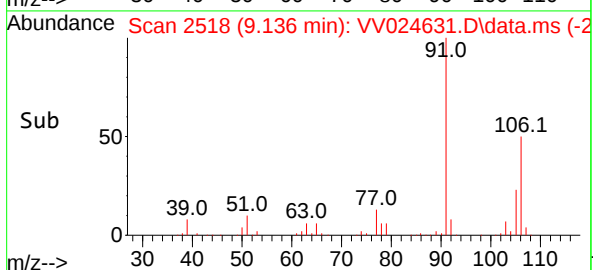
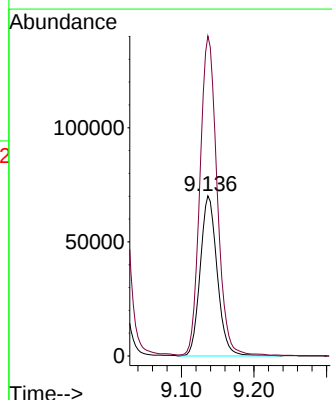
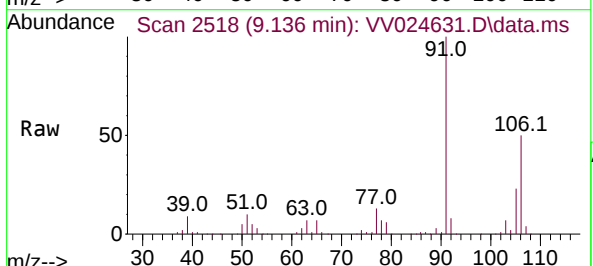
Acq: 12 Feb 2022 02:51

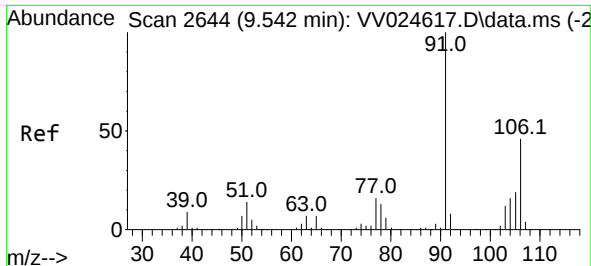
Tgt Ion:106 Resp: 114044

Ion Ratio Lower Upper

106 100

91 199.9 139.5 259.1

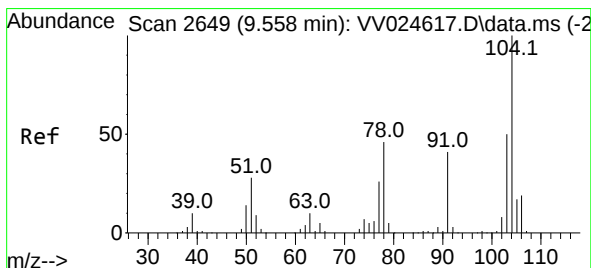
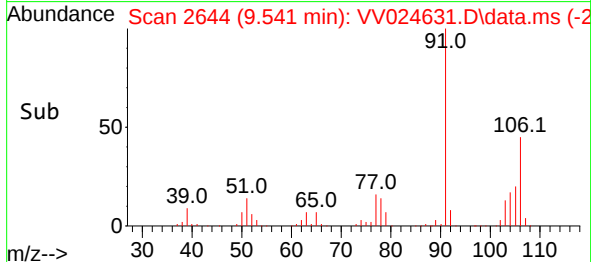
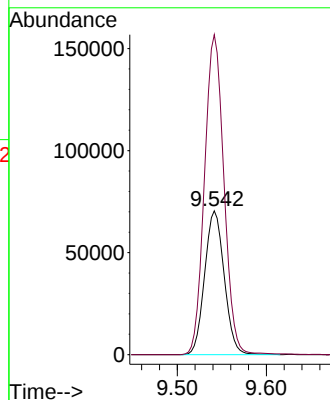
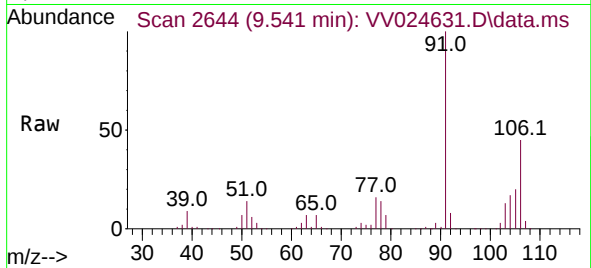




#54
o-xylene
Concen: 5.256 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

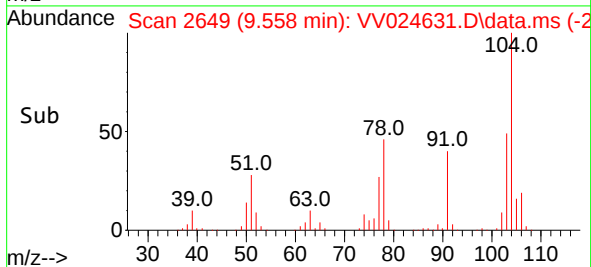
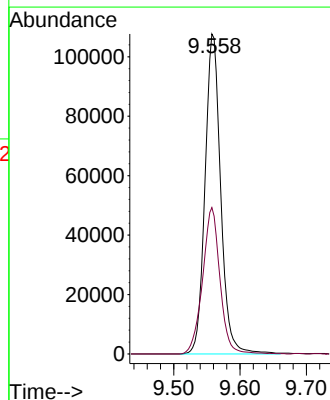
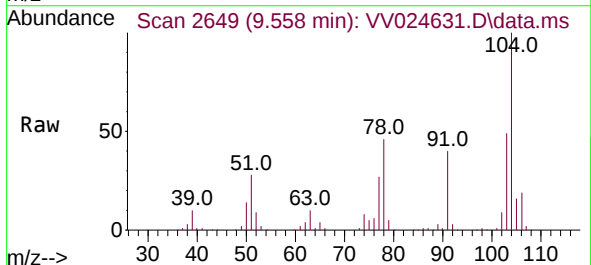
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

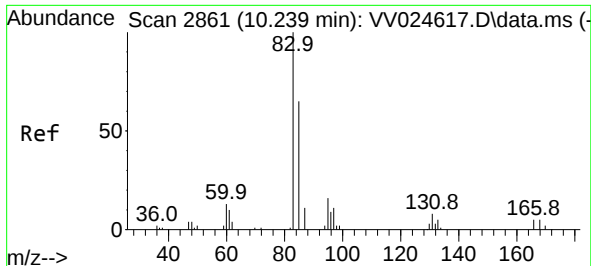
Tgt Ion:106 Resp: 107613
Ion Ratio Lower Upper
106 100
91 222.6 147.9 274.7



#55
Styrene
Concen: 5.268 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion:104 Resp: 177075
Ion Ratio Lower Upper
104 100
78 45.7 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.652 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

GBCW9MS

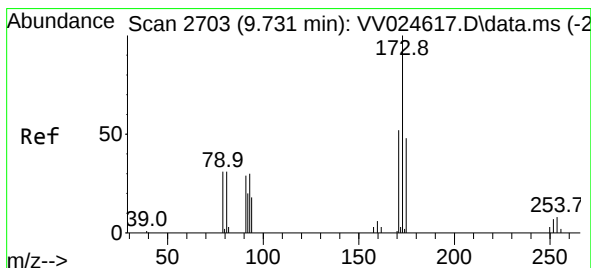
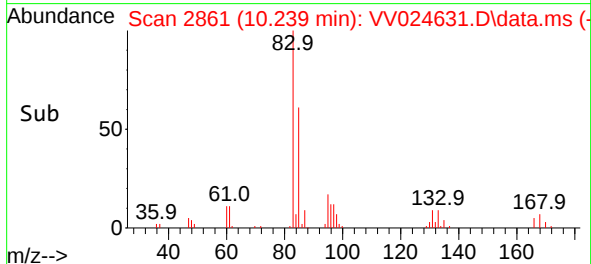
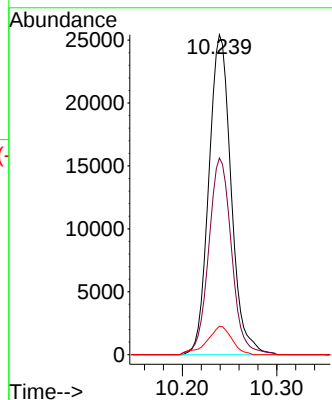
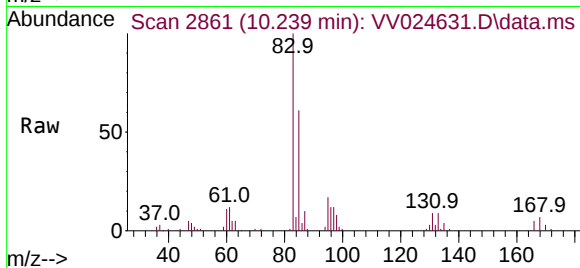
Tgt Ion: 83 Resp: 41591

Ion Ratio Lower Upper

83 100

85 61.5 44.6 82.8

131 8.9 8.3 12.5



#59

Bromoform

Concen: 4.877 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

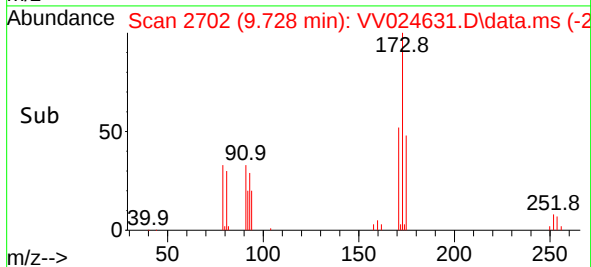
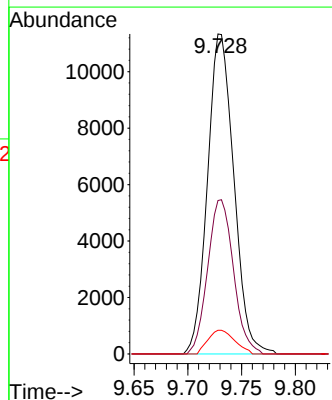
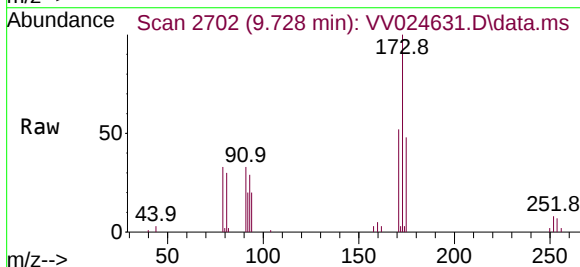
Tgt Ion: 173 Resp: 19316

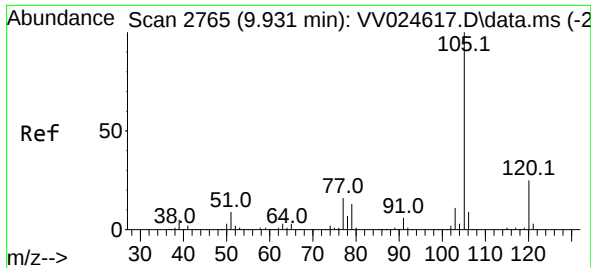
Ion Ratio Lower Upper

173 100

175 47.2 39.4 59.2

254 7.5 7.4 11.0

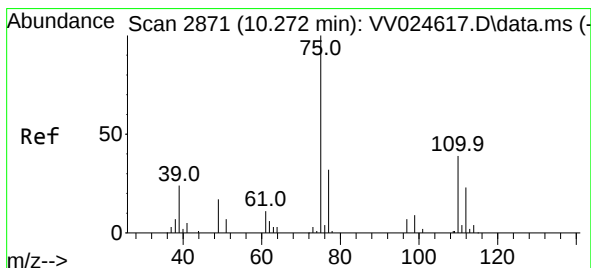
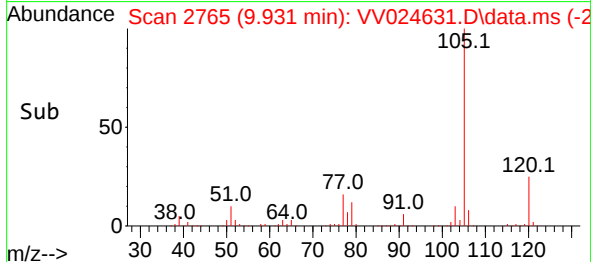
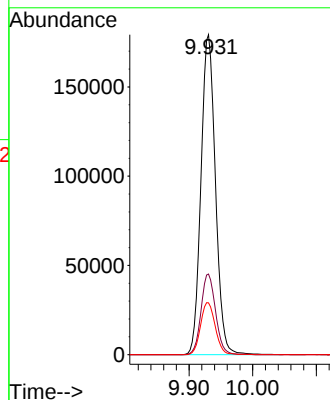
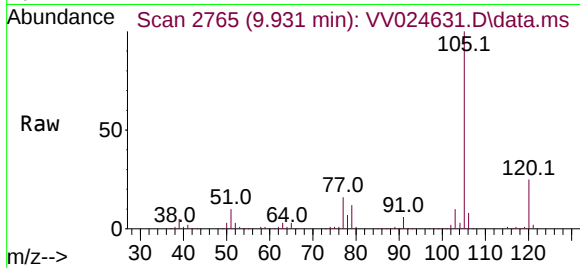




#60
Isopropylbenzene
Concen: 5.042 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

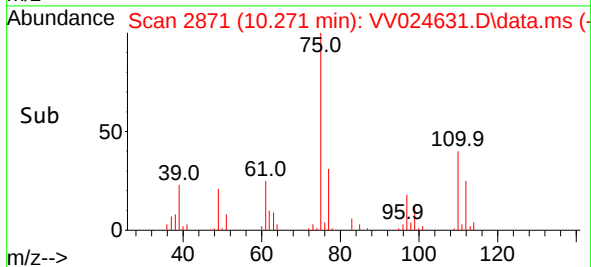
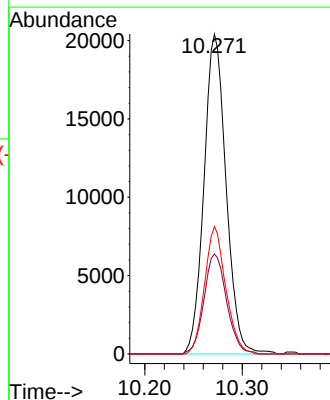
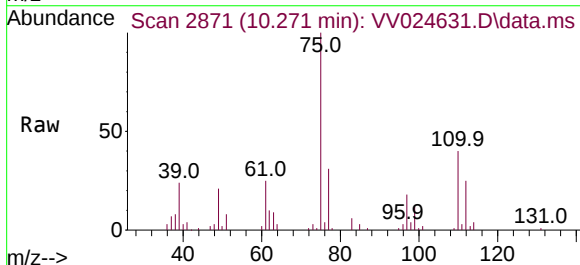
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

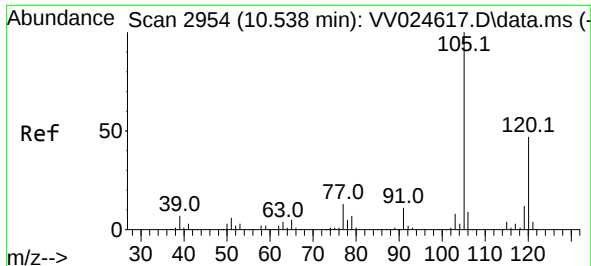
Tgt Ion:105 Resp: 283501
Ion Ratio Lower Upper
105 100
120 25.3 21.4 32.0
77 16.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.256 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion: 75 Resp: 32120
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 38.1 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 4.932 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024631.D

Acq: 12 Feb 2022 02:51

Instrument :

MSVOA_V

ClientSampleId :

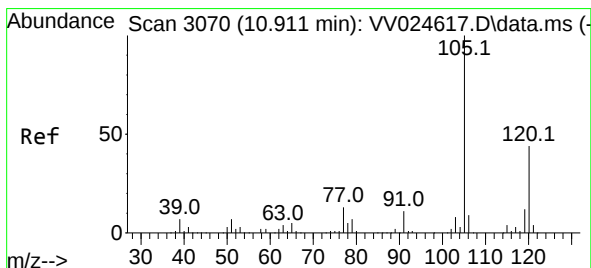
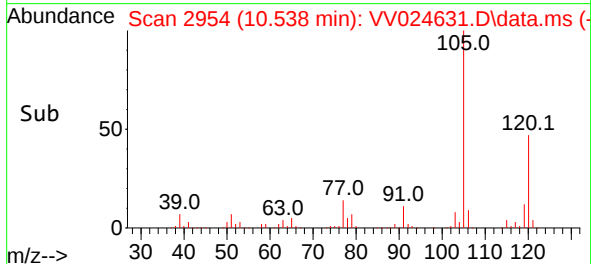
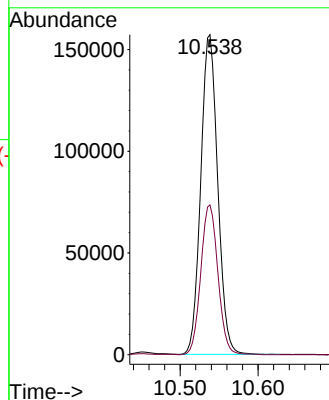
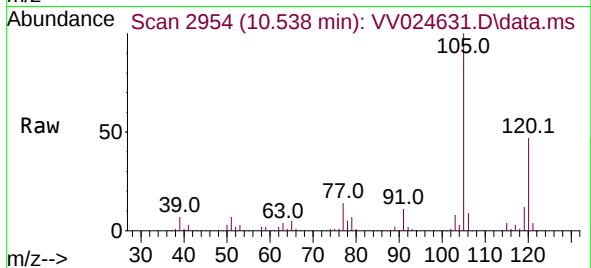
GBCW9MS

Tgt Ion:105 Resp: 237451

Ion Ratio Lower Upper

105 100

120 47.3 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.019 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024631.D

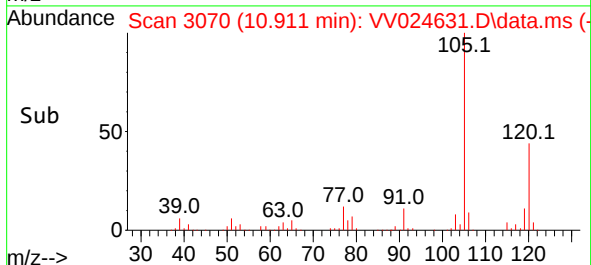
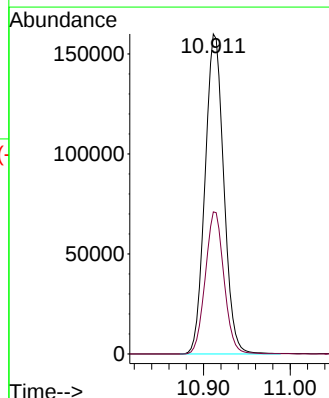
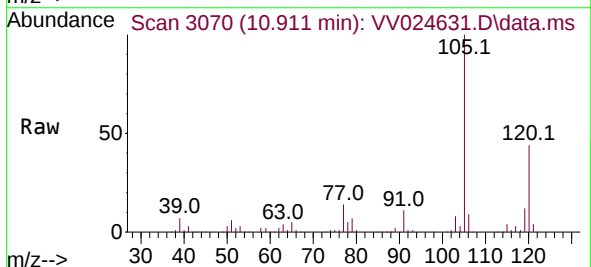
Acq: 12 Feb 2022 02:51

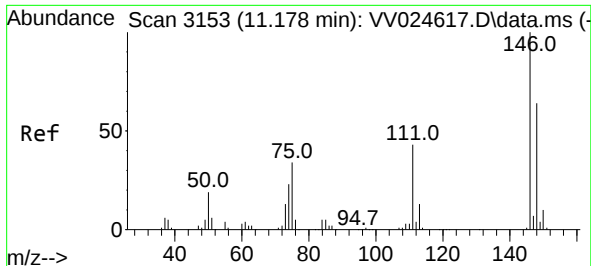
Tgt Ion:105 Resp: 240235

Ion Ratio Lower Upper

105 100

120 44.3 36.7 55.1

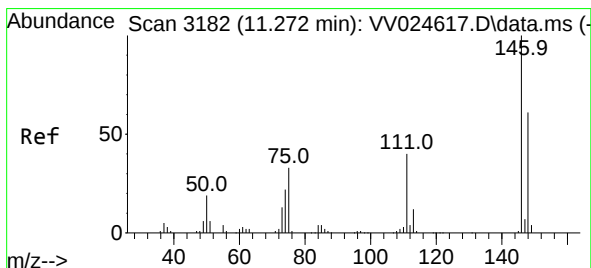
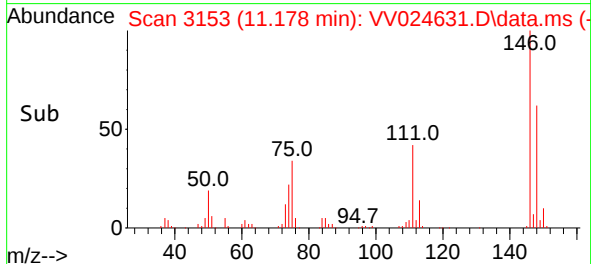
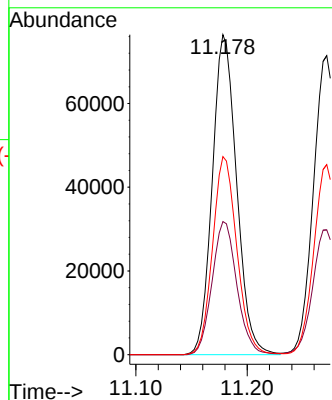
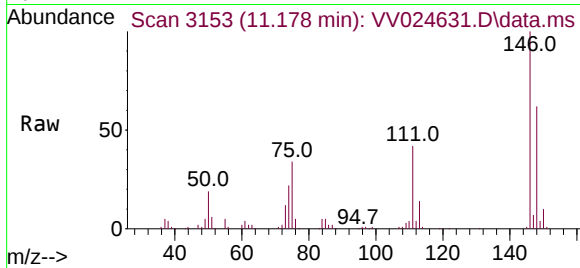




#64
1,3-Dichlorobenzene
Concen: 5.072 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

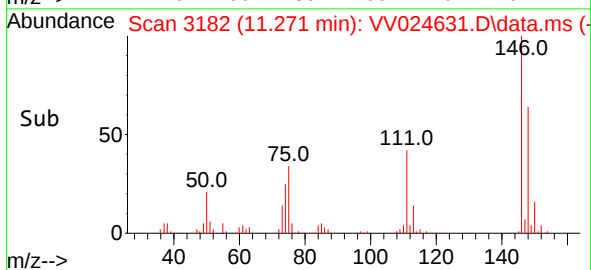
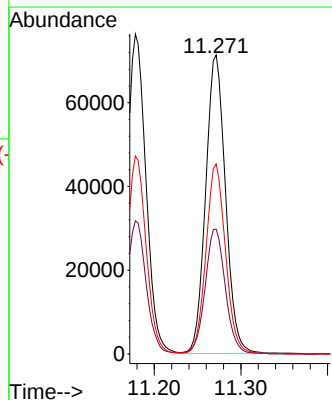
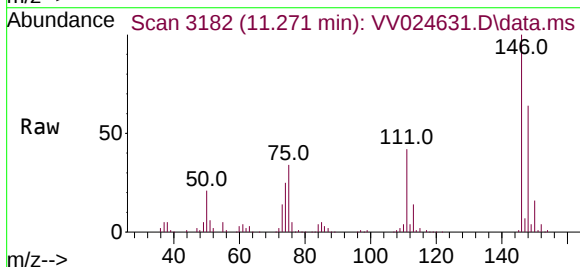
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

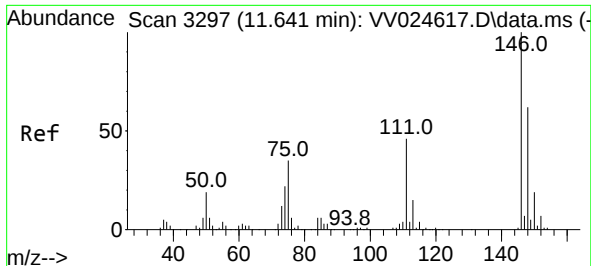
Tgt Ion:146 Resp: 116077
Ion Ratio Lower Upper
146 100
111 41.6 26.3 48.9
148 61.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 4.989 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion:146 Resp: 113395
Ion Ratio Lower Upper
146 100
111 41.7 25.6 47.6
148 63.6 44.8 83.2

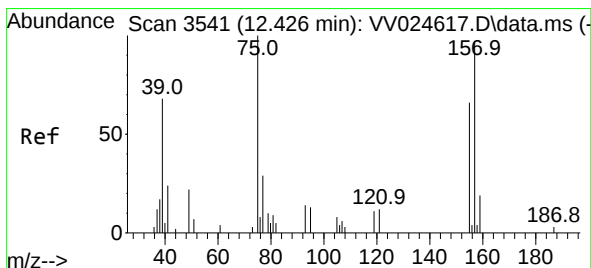
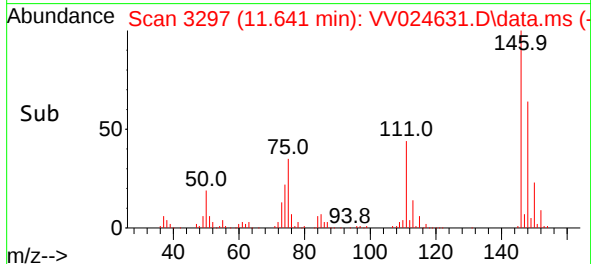
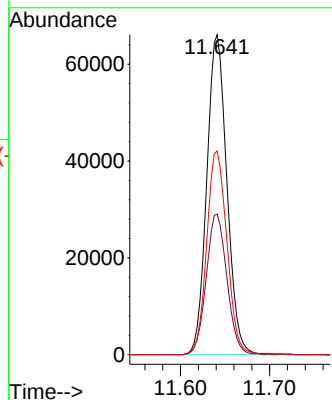
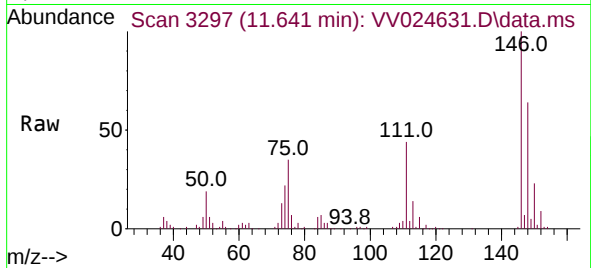




#67
1,2-Dichlorobenzene
Concen: 5.103 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

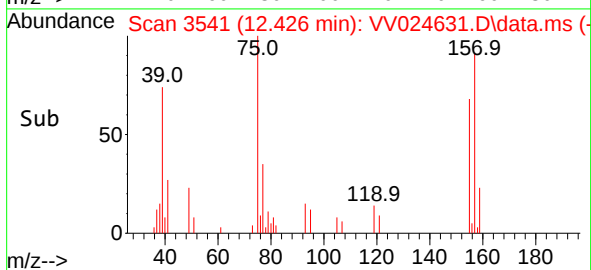
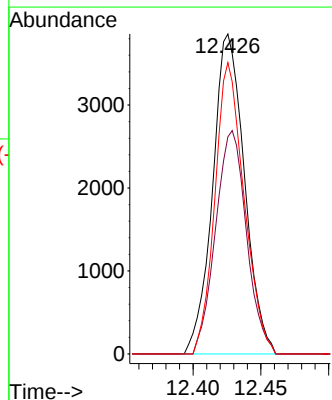
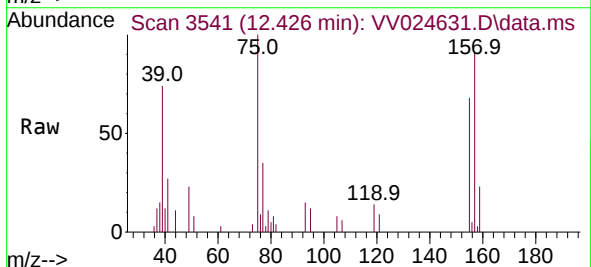
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

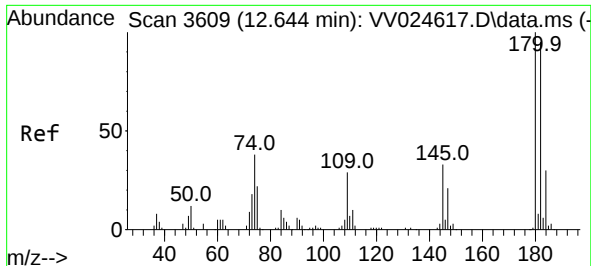
Tgt Ion:146 Resp: 103676
Ion Ratio Lower Upper
146 100
111 44.0 31.9 47.9
148 63.6 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.297 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion: 75 Resp: 6288
Ion Ratio Lower Upper
75 100
155 67.8 71.7 107.5#
157 91.0 103.3 154.9#

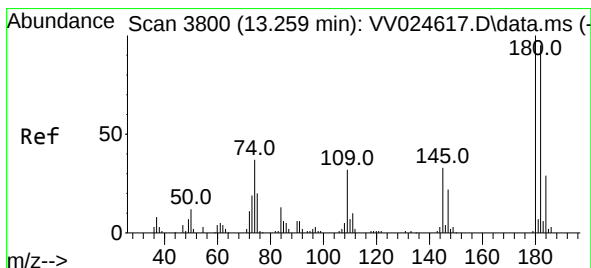
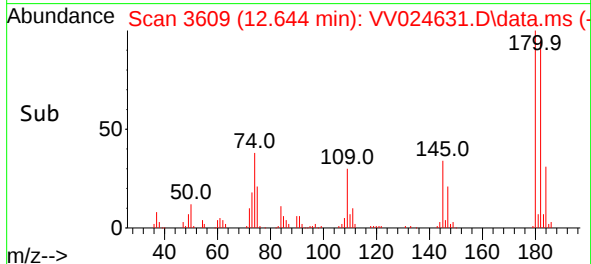
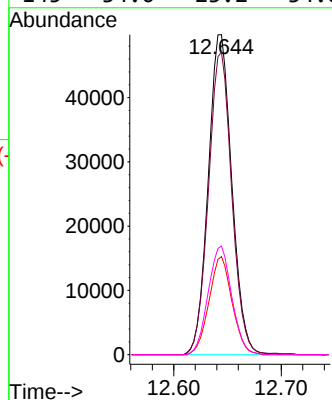
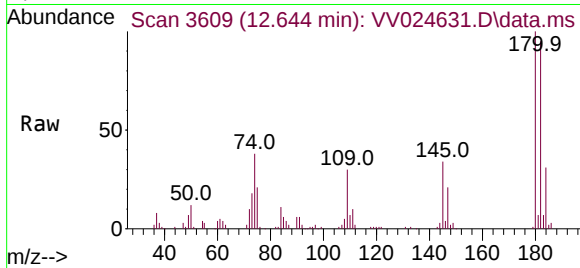




#69
1,3,5-Trichlorobenzene
Concen: 4.655 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

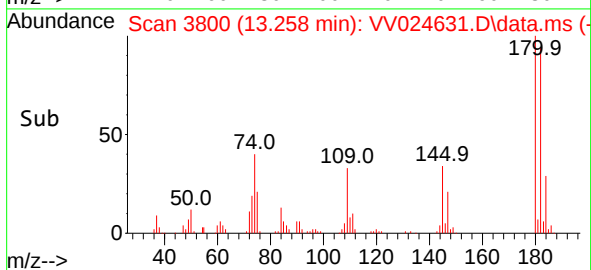
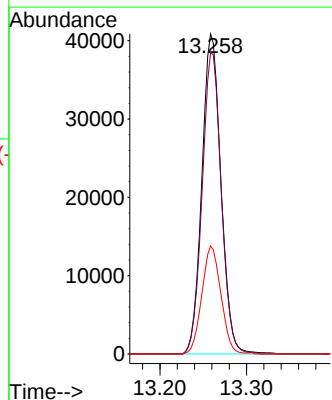
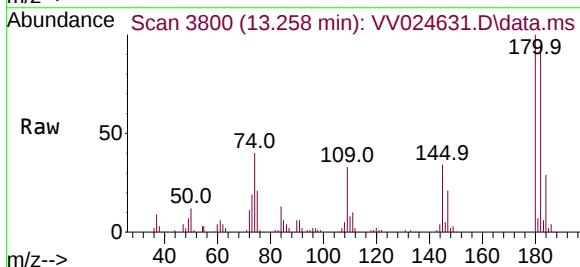
Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

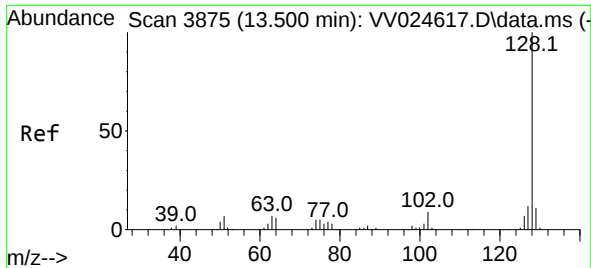
Tgt Ion:180	Resp:	75789
Ion Ratio	Lower	Upper
180	100	
182	93.5	76.4 114.6
184	30.0	24.2 36.4
145	34.0	23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 4.747 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion:180	Resp:	62415
Ion Ratio	Lower	Upper
180	100	
182	94.3	74.4 111.6
145	33.8	23.3 34.9

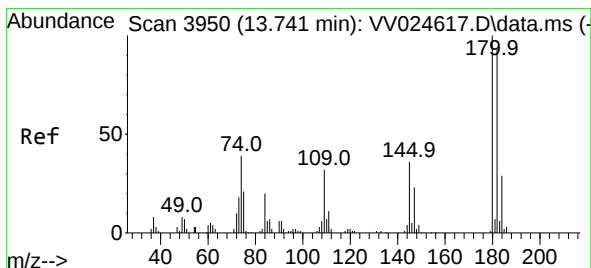
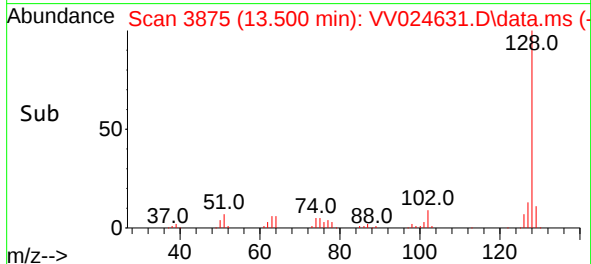
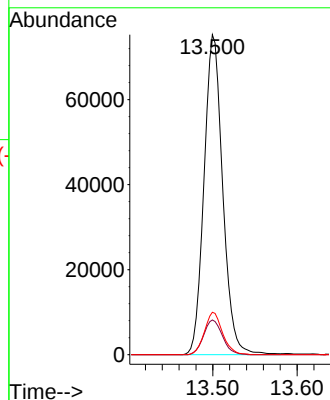
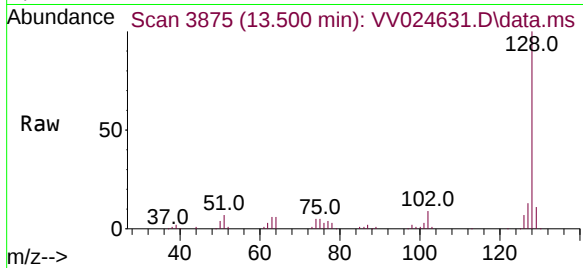




#71
Naphthalene
Concen: 4.890 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Instrument :
MSVOA_V
ClientSampleId :
GBCW9MS

Tgt Ion:128 Resp: 116448
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.854 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024631.D
Acq: 12 Feb 2022 02:51

Tgt Ion:180 Resp: 53680
Ion Ratio Lower Upper
180 100
182 95.2 76.8 115.2
145 35.7 25.8 38.6

