

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052322\
 Data File : VW025950.D
 Acq On : 23 May 2022 09:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 05:20:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 20 21:49:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	202039	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	206088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	115949	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	57622	3.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.571	69	56394	3.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.111	63	141536	3.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.902	46	74605	38.607	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.220%
24) Chloroform-d	4.343	84	128400	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.031	65	51787	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.047	84	234677	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.066	67	71210	4.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.313	98	221238	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.619	79	21220	4.170	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.085	63	87425	46.276	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51269	5.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	72548	4.395	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	101241	4.647	ug/L	99
3) Chloromethane	1.243	50	108179	4.250	ug/L	98
5) Vinyl chloride	1.314	62	117650	4.395	ug/L	100
6) Bromomethane	1.526	94	60296	3.869	ug/L	100
8) Chloroethane	1.587	64	76270	4.392	ug/L	100
9) Trichlorofluoromethane	1.754	101	168950	4.729	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	98227	4.906	ug/L	98
12) 1,1-Dichloroethene	2.121	96	89632	4.616	ug/L	95
13) Acetone	2.188	43	51662	27.730	ug/L	68
14) Carbon disulfide	2.294	76	210378	4.205	ug/L	100
15) Methyl Acetate	2.442	43	19042	4.487	ug/L	93
16) Methylene chloride	2.507	84	83066	4.214	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	136884	4.418	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	81045	4.786	ug/L	98
19) 1,1-Dichloroethane	3.188	63	155452	4.849	ug/L	99
21) 2-Butanone	3.982	43	81705	30.539	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	81727	4.724	ug/L	92
23) Bromochloromethane	4.246	128	35943	4.912	ug/L	96
25) Chloroform	4.371	83	160270	4.932	ug/L	100

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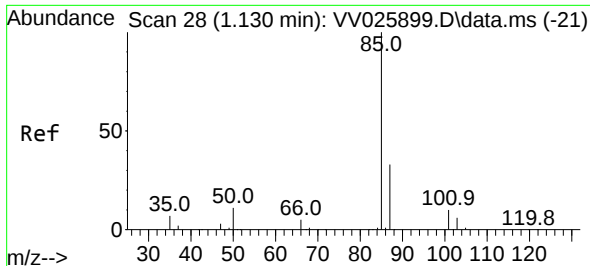
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	78852	4.604	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	140875	5.013	ug/L	97
30) Cyclohexane	4.674	56	114363	4.570	ug/L	99
31) Carbon tetrachloride	4.825	117	119731	5.033	ug/L	100
33) Benzene	5.095	78	337992	4.842	ug/L	100
34) Trichloroethene	5.908	95	84933	4.765	ug/L	99
35) Methylcyclohexane	6.127	83	127307	4.651	ug/L	99
37) 1,2-Dichloropropane	6.169	63	84297	5.120	ug/L	100
38) Bromodichloromethane	6.506	83	101995	4.929	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	91385	4.300	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	352283	46.258	ug/L	98
42) Toluene	7.384	91	370840	5.104	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	78136	4.507	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	54652	4.836	ug/L	96
47) Tetrachloroethene	7.973	164	65670	4.755	ug/L	98
48) 2-Hexanone	8.137	43	258161	47.952	ug/L	99
49) Dibromochloromethane	8.243	129	58052	4.701	ug/L	99
50) 1,2-Dibromoethane	8.349	107	49062	4.883	ug/L	95
51) Chlorobenzene	8.876	112	229502	4.870	ug/L	100
52) Ethylbenzene	9.008	91	370190	4.844	ug/L	98
53) m,p-Xylene	9.133	106	147641	5.002	ug/L	95
54) o-Xylene	9.542	106	140022	4.982	ug/L	98
55) Styrene	9.558	104	247126	5.233	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	59239	4.851	ug/L	100
59) Bromoform	9.728	173	24972	4.152	ug/L	98
60) Isopropylbenzene	9.928	105	378347	4.882	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	44524	4.612	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	152129	4.596	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	289779	4.775	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	179472	4.895	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	174983	4.688	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	155785	4.729	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7870	4.209	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	123294	4.514	ug/L	96
70) 1,2,4-trichlorobenzene	13.259	180	92548	4.467	ug/L	98
71) Naphthalene	13.500	128	120582	3.887	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	78810	4.403	ug/L	98

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

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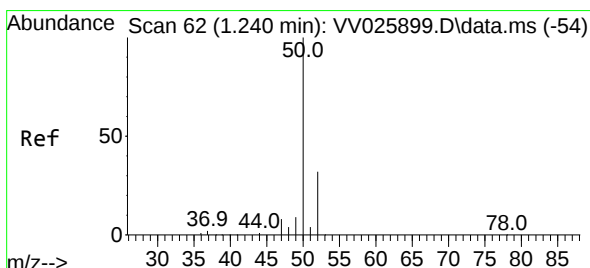
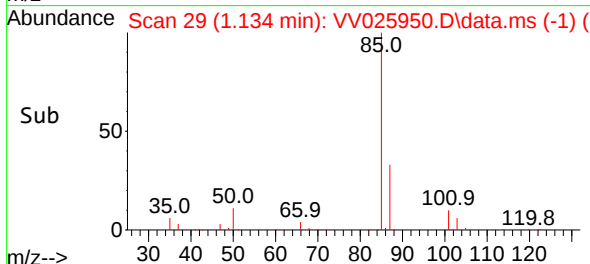
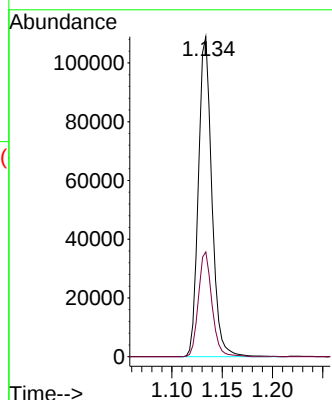
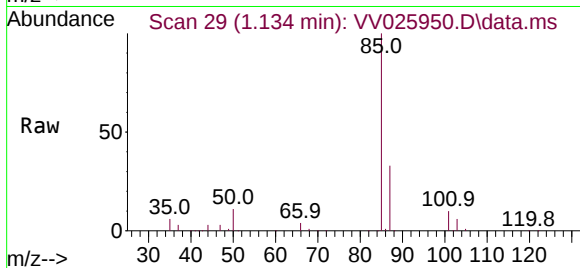




#2
 Dichlorodifluoromethane
 Concen: 4.647 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VV025950.D
 Acq: 23 May 2022 09:34

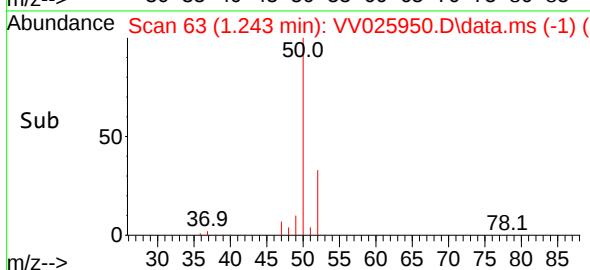
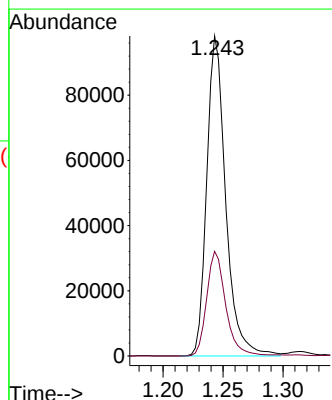
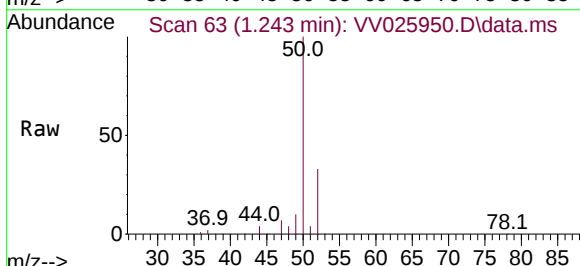
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 MSVOA_V
 ClientSampleId :

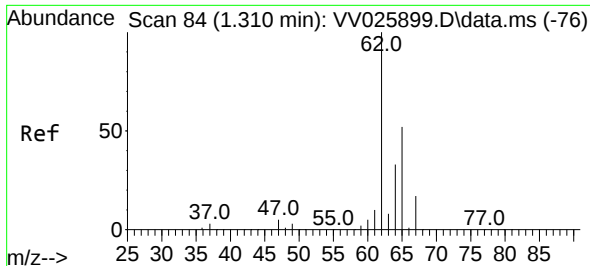
Tgt Ion: 85 Resp: 101241
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.0 39.0



#3
 Chloromethane
 Concen: 4.250 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025950.D
 Acq: 23 May 2022 09:34

Tgt Ion: 50 Resp: 108179
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.9 44.3

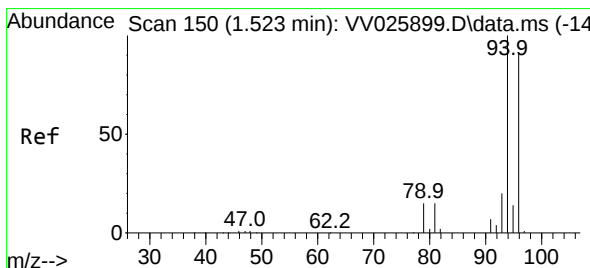
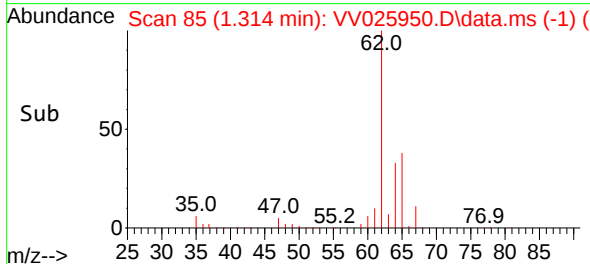
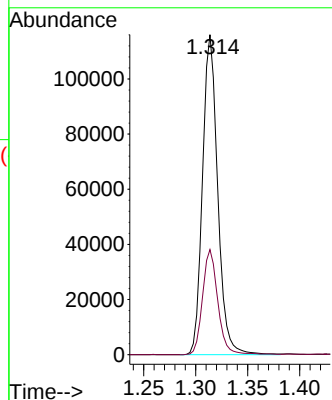
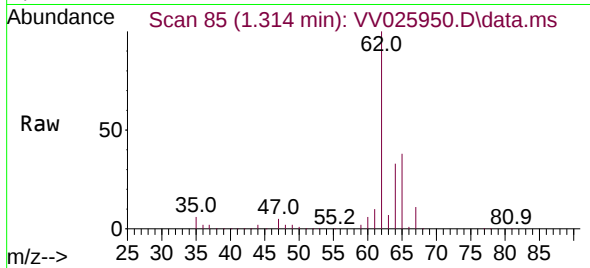




#5
 Vinyl chloride
 Concen: 4.395 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025950.D
 Acq: 23 May 2022 09:34

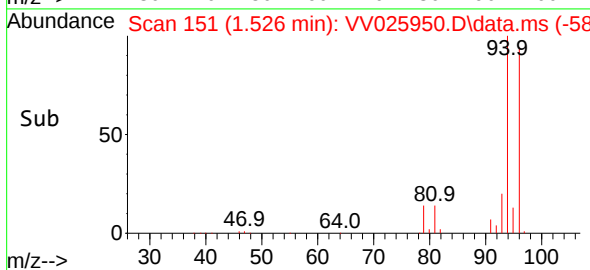
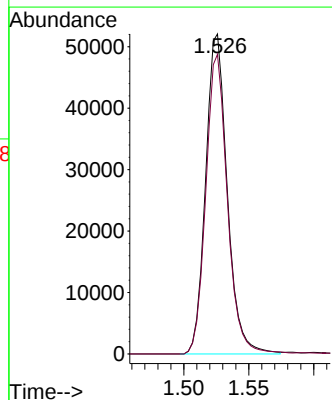
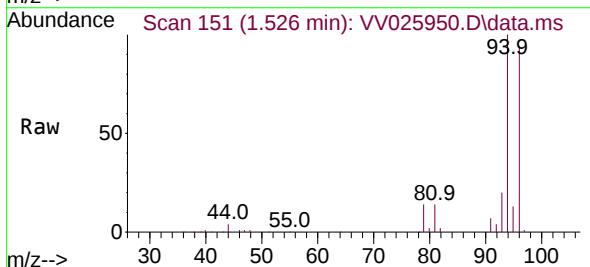
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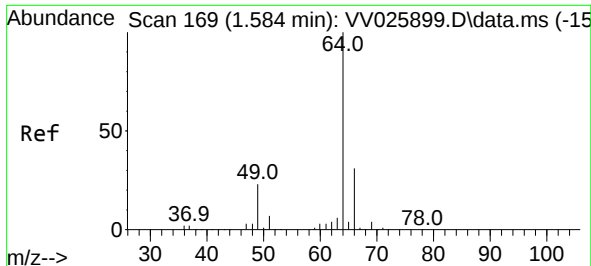
Tgt Ion: 62 Resp: 117650
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.9 42.5



#6
 Bromomethane
 Concen: 3.869 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025950.D
 Acq: 23 May 2022 09:34

Tgt Ion: 94 Resp: 60296
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.4 121.4

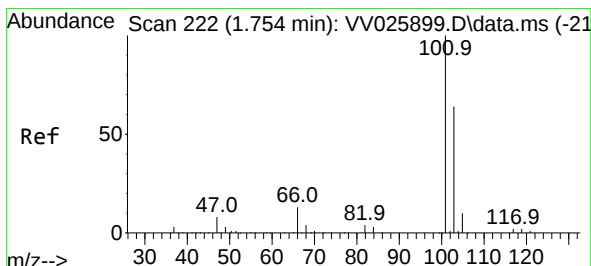
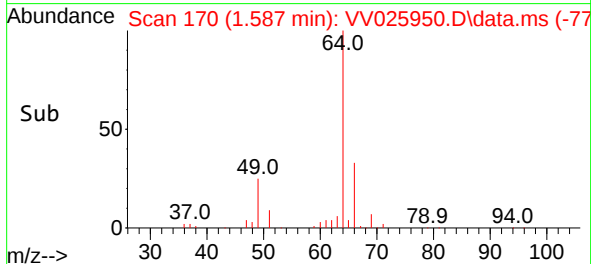
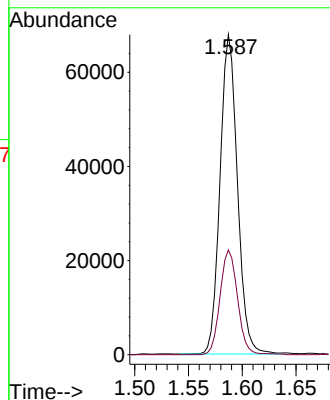
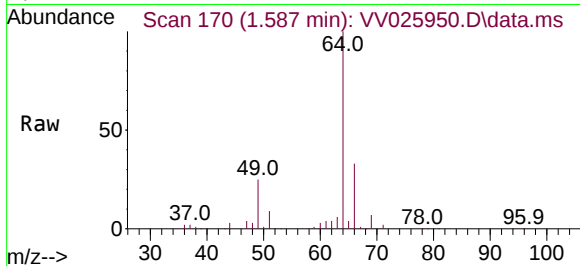




#8
Chloroethane
Concen: 4.392 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

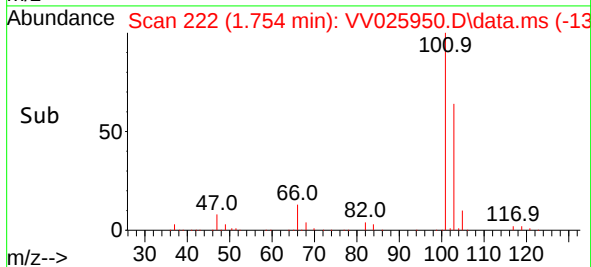
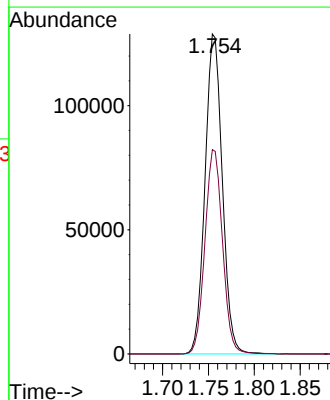
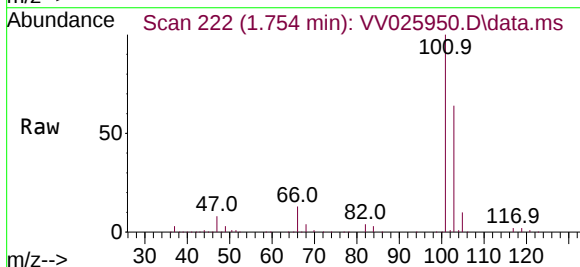
Instrument :
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ClientSampleId :

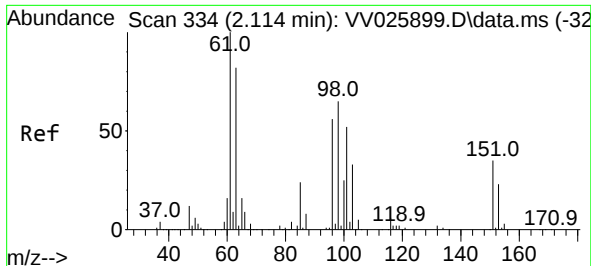
Tgt Ion: 64 Resp: 76270
Ion Ratio Lower Upper
64 100
66 32.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.729 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion:101 Resp: 168950
Ion Ratio Lower Upper
101 100
103 64.9 50.6 76.0

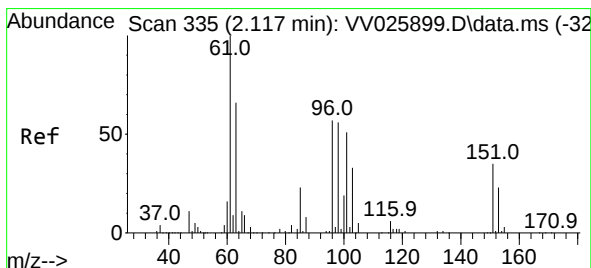
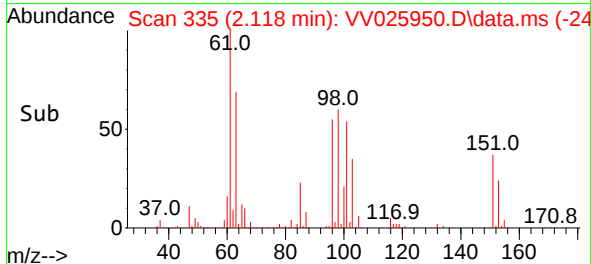
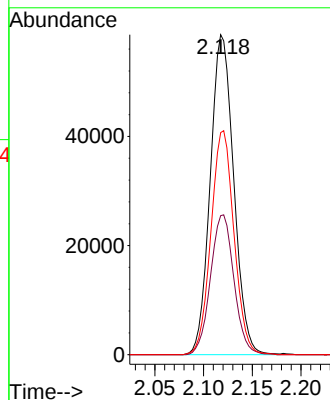
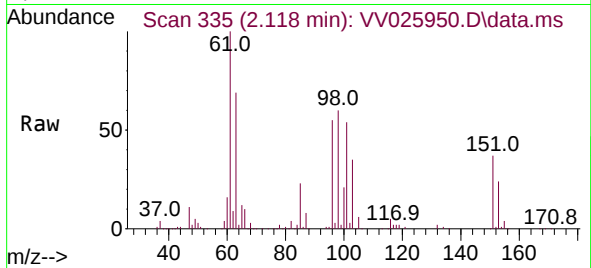




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.906 ug/L
RT: 2.118 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

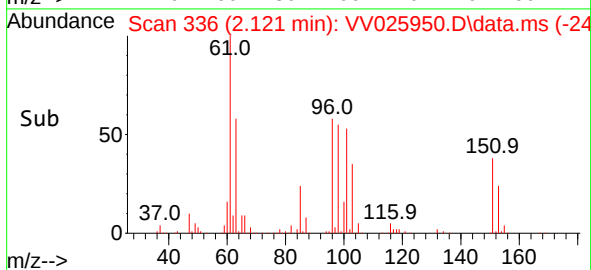
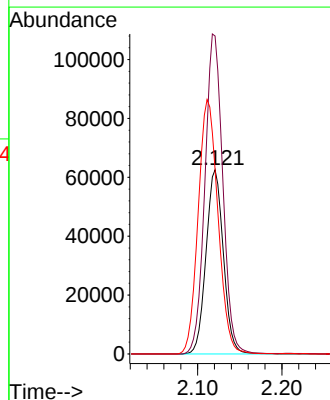
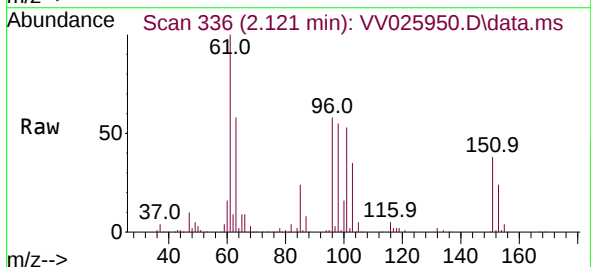
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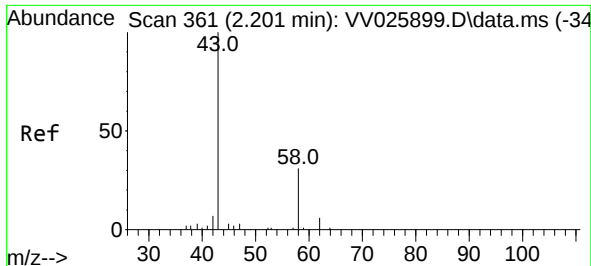
Tgt Ion:101 Resp: 98227
Ion Ratio Lower Upper
101 100
85 43.6 35.7 53.5
151 68.8 54.1 81.1



#12
1,1-Dichloroethene
Concen: 4.616 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion: 96 Resp: 89632
Ion Ratio Lower Upper
96 100
61 172.7 119.8 222.6
63 100.3 78.3 145.3





#13

Acetone

Concen: 27.730 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Instrument :

MSVOA_V

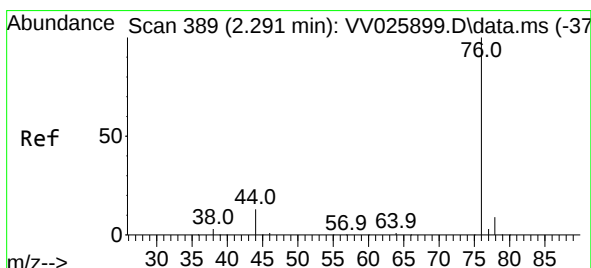
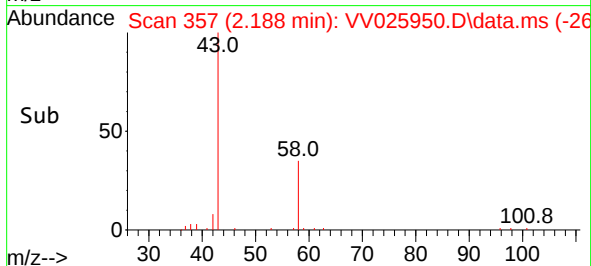
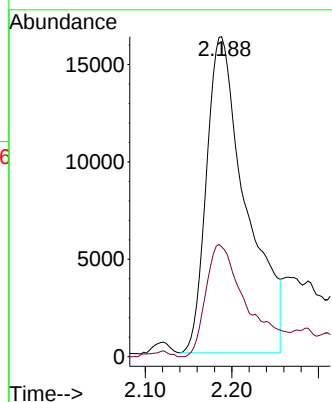
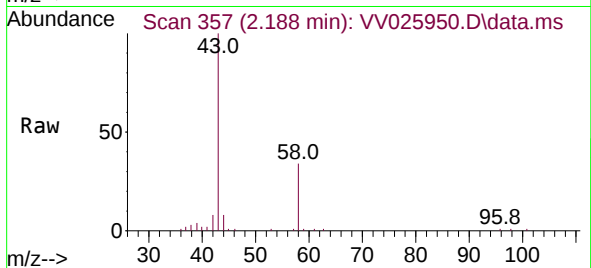
ClientSampleId :

Tgt Ion: 43 Resp: 51662

Ion Ratio Lower Upper

43 100

58 37.7 0.0 44.6



#14

Carbon disulfide

Concen: 4.205 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025950.D

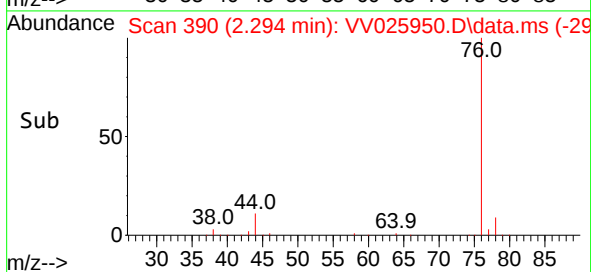
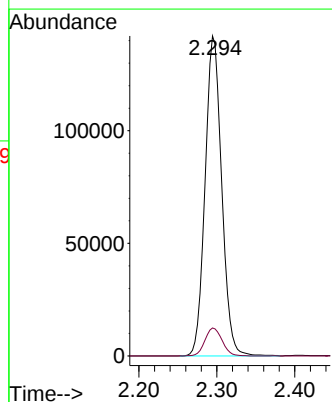
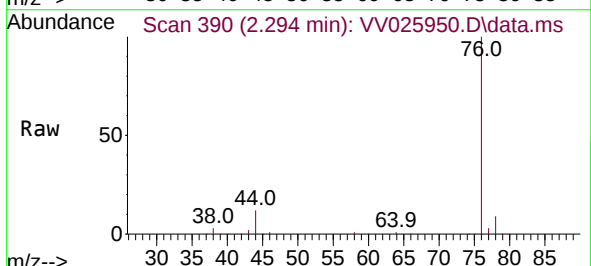
Acq: 23 May 2022 09:34

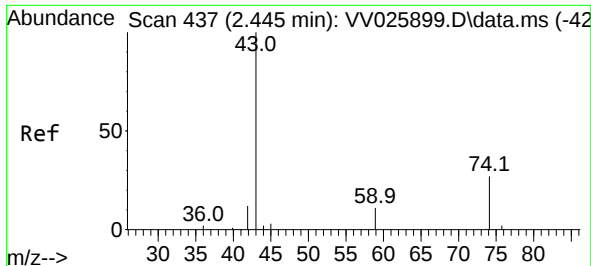
Tgt Ion: 76 Resp: 210378

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

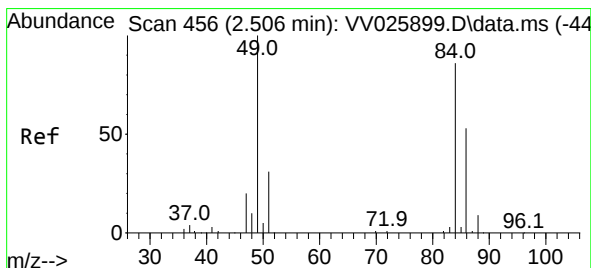
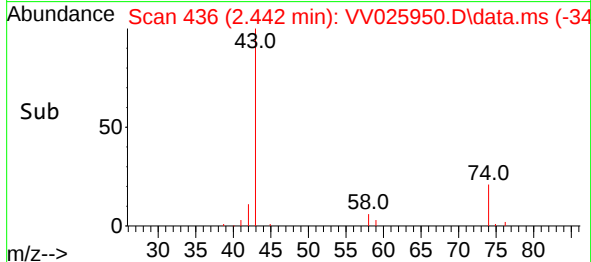
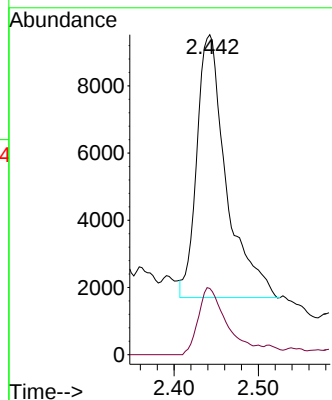
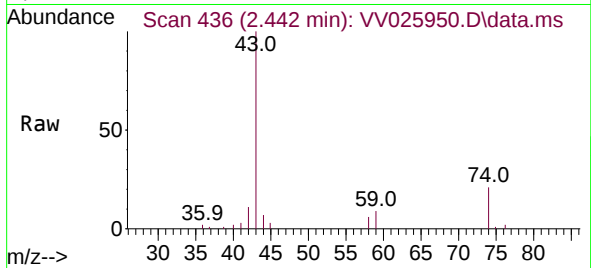




#15
Methyl Acetate
Concen: 4.487 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

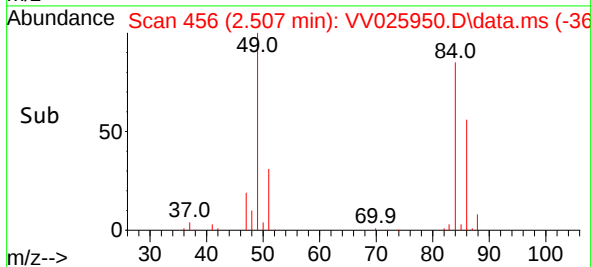
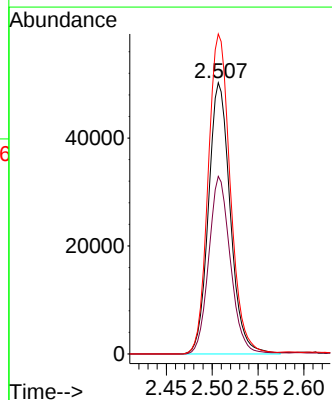
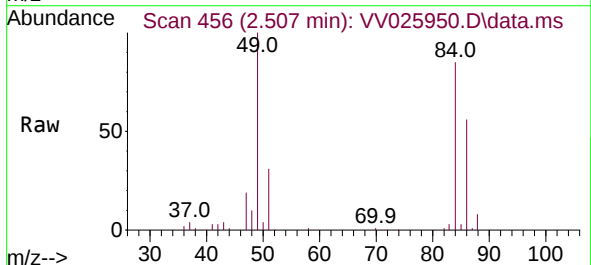
Instrument :
MSVOA_V
ClientSampleId :

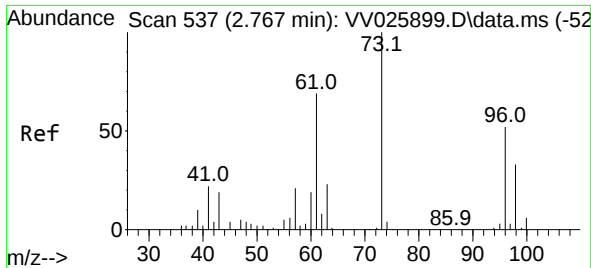
Tgt Ion: 43 Resp: 19042
Ion Ratio Lower Upper
43 100
74 25.2 23.3 34.9



#16
Methylene chloride
Concen: 4.214 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion: 84 Resp: 83066
Ion Ratio Lower Upper
84 100
86 65.5 45.4 84.2
49 118.0 85.6 159.0

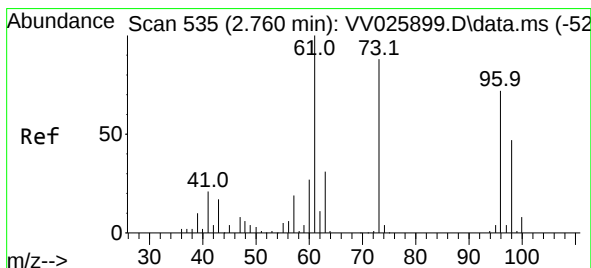
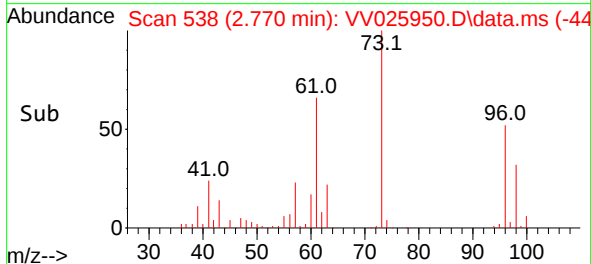
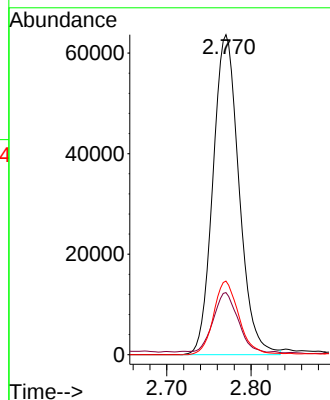
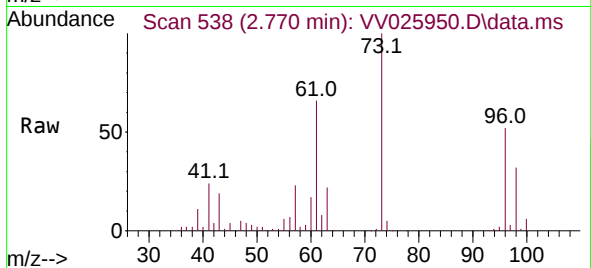




#17
Methyl tert-butyl Ether
Concen: 4.418 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

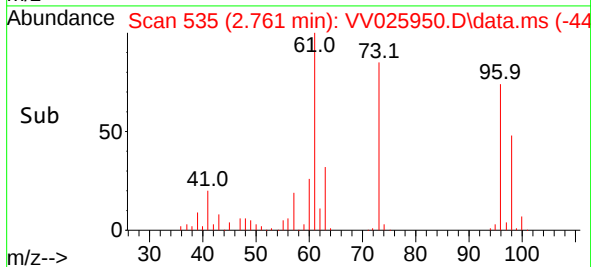
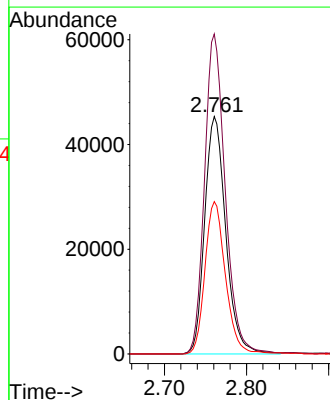
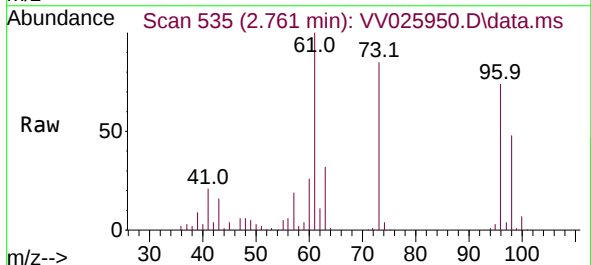
Instrument :
MSVOA_V
ClientSampleId :

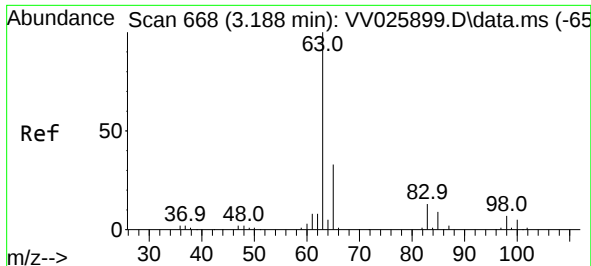
Tgt Ion: 73 Resp: 136884
Ion Ratio Lower Upper
73 100
43 17.4 14.6 22.0
57 22.4 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.786 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion: 96 Resp: 81045
Ion Ratio Lower Upper
96 100
61 134.8 93.6 173.8
98 64.2 42.8 79.4

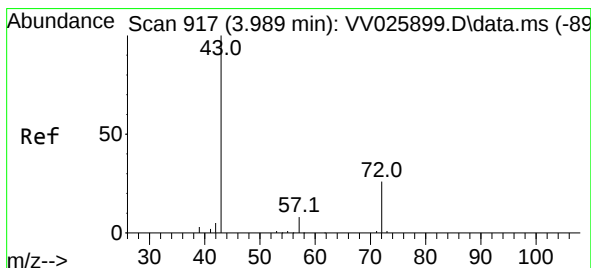
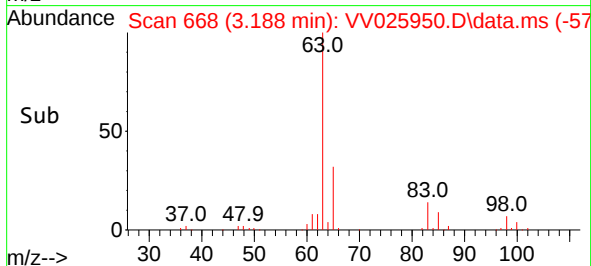
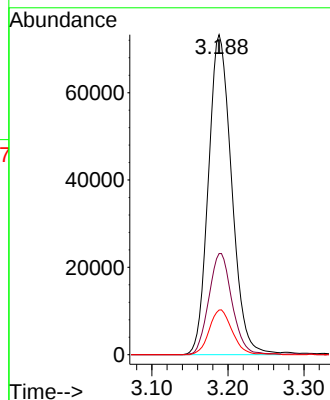
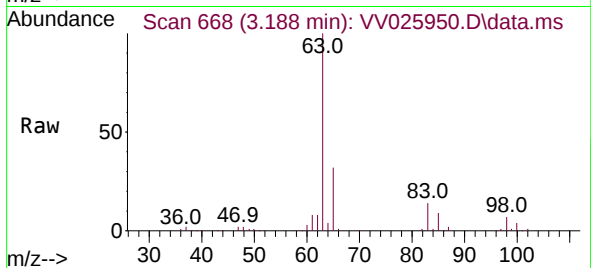




#19
1,1-Dichloroethane
Concen: 4.849 ug/L
RT: 3.188 min Scan# 609
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

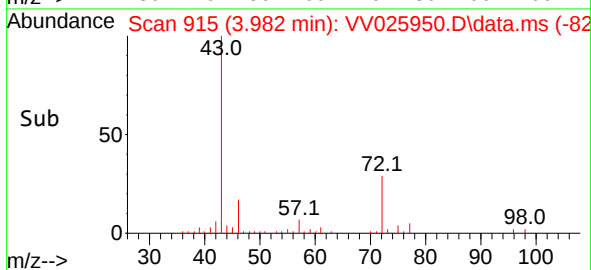
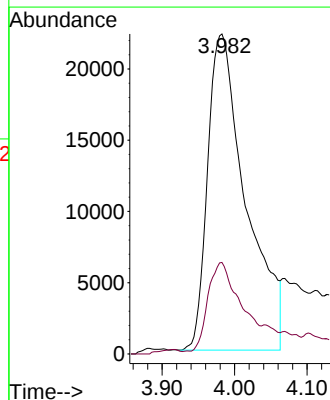
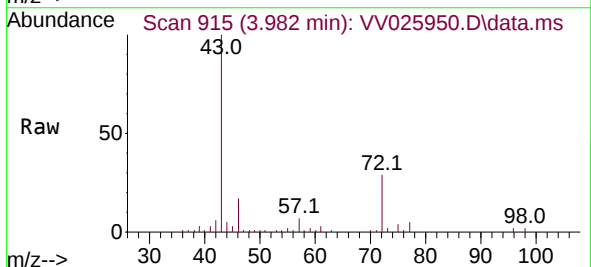
Instrument :
MSVOA_V
ClientSampleId :

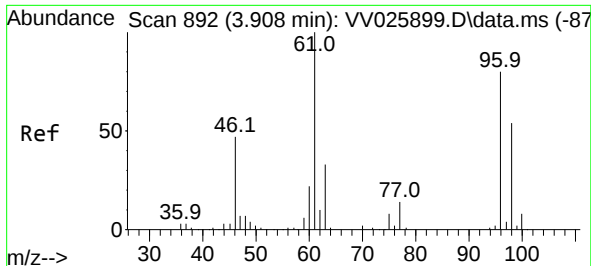
Tgt Ion: 63 Resp: 155452
Ion Ratio Lower Upper
63 100
65 31.6 22.3 41.5
83 13.9 10.0 18.6



#21
2-Butanone
Concen: 30.539 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.006 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion: 43 Resp: 81705
Ion Ratio Lower Upper
43 100
72 24.3 10.5 31.6





#22

cis-1,2-Dichloroethene

Concen: 4.724 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Instrument :

MSVOA_V

ClientSampleId :

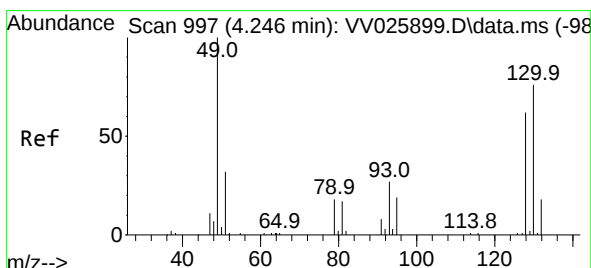
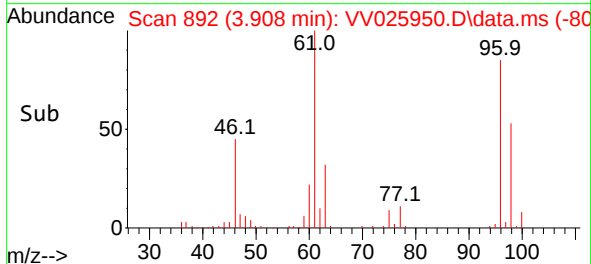
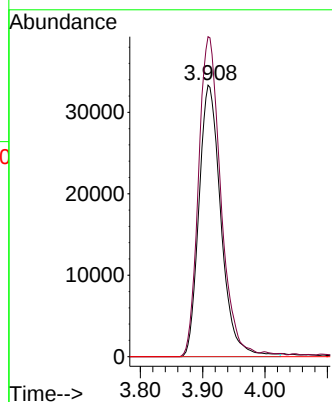
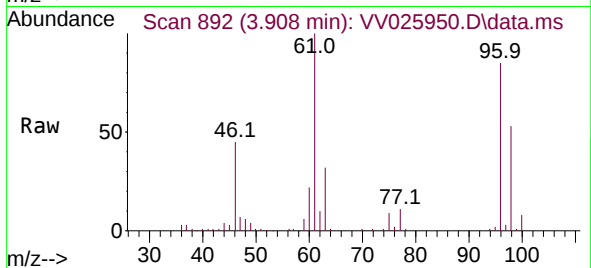
Tgt Ion: 96 Resp: 81727

Ion Ratio Lower Upper

96 100

61 117.9 88.9 165.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.912 ug/L

RT: 4.246 min Scan# 997

Delta R.T. -0.003 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Tgt Ion: 128 Resp: 35943

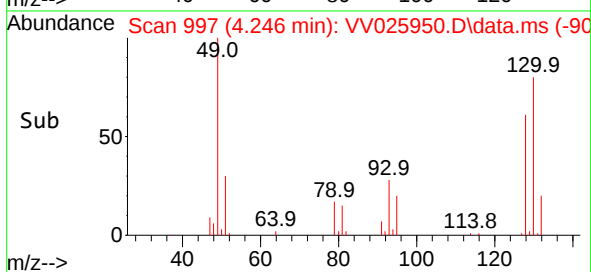
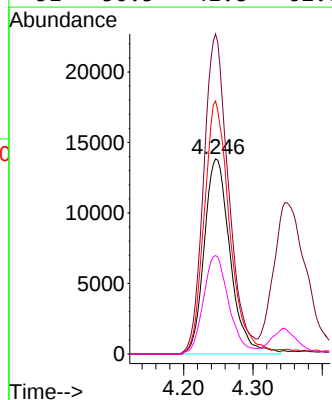
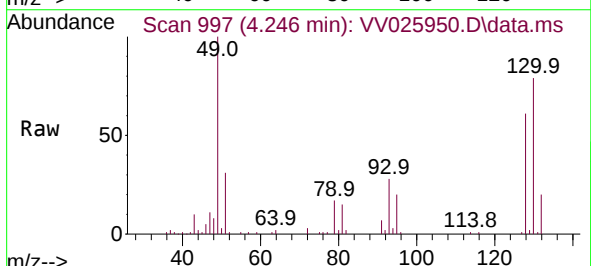
Ion Ratio Lower Upper

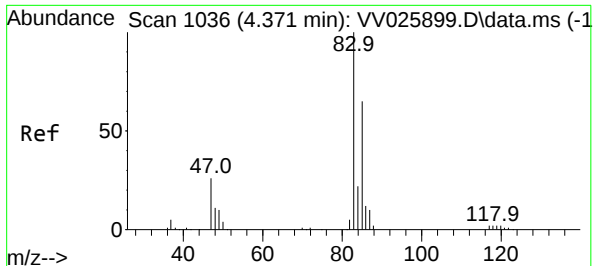
128 100

49 164.0 121.0 224.8

130 129.7 90.8 168.6

51 50.5 41.8 62.6

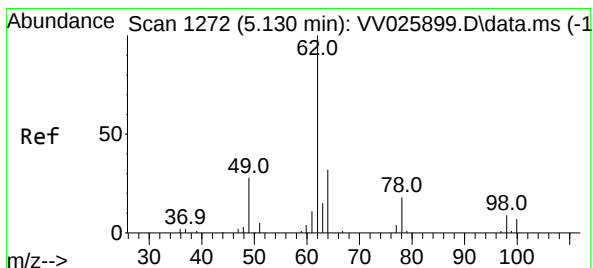
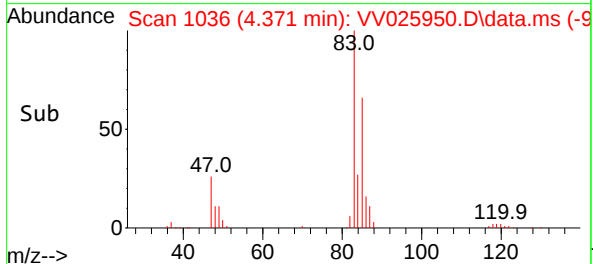
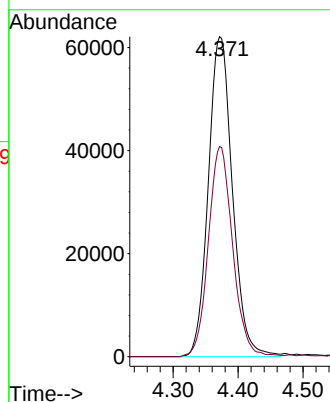
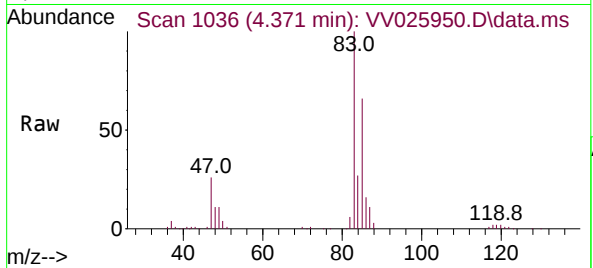




#25
Chloroform
Concen: 4.932 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

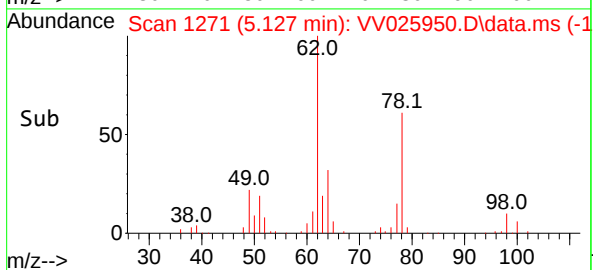
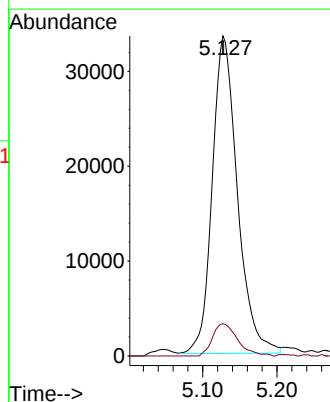
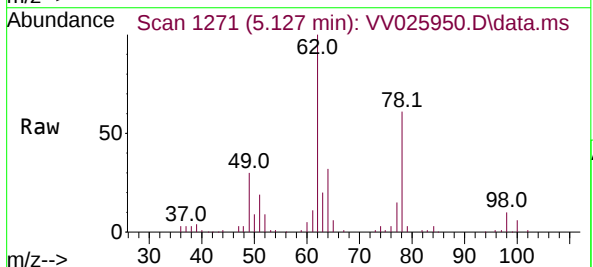
Instrument :
MSVOA_V
ClientSampleId :

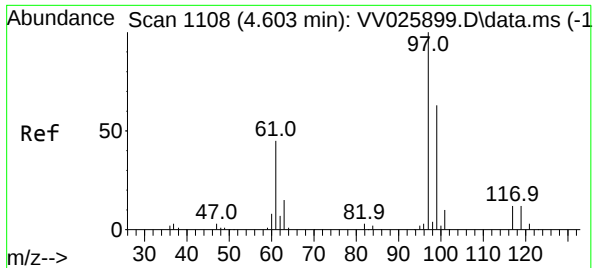
Tgt Ion: 83 Resp: 160270
Ion Ratio Lower Upper
83 100
85 65.6 46.1 85.7



#27
1,2-Dichloroethane
Concen: 4.604 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion: 62 Resp: 78852
Ion Ratio Lower Upper
62 100
98 10.1 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.013 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Instrument :

MSVOA_V

ClientSampleId :

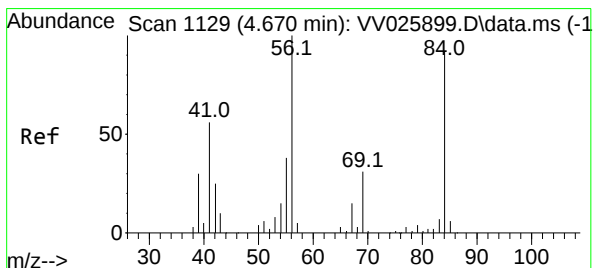
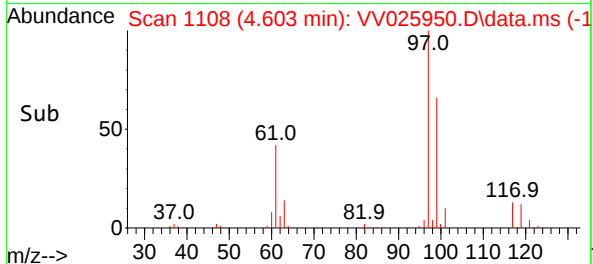
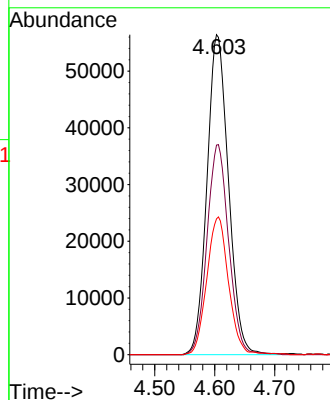
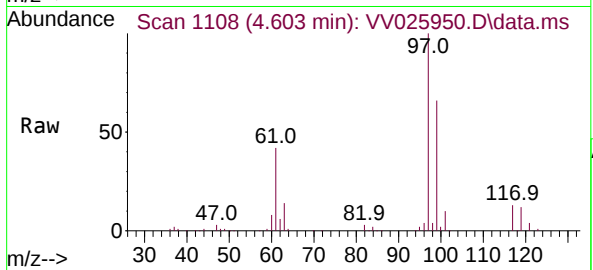
Tgt Ion: 97 Resp: 140875

Ion Ratio Lower Upper

97 100

99 66.0 51.0 76.6

61 43.3 36.3 54.5



#30

Cyclohexane

Concen: 4.570 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

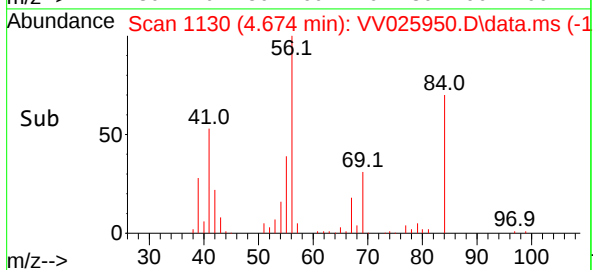
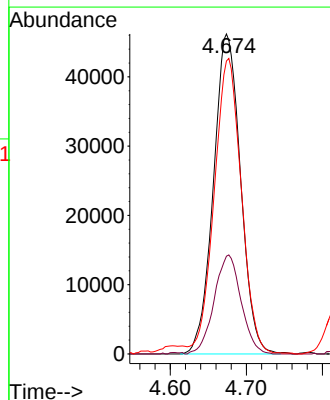
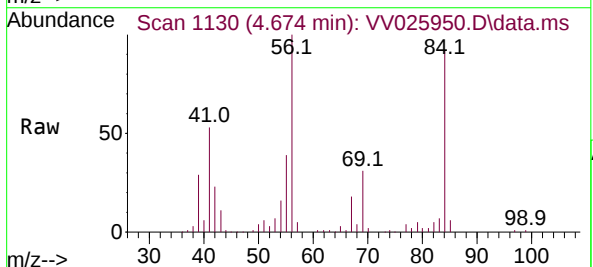
Tgt Ion: 56 Resp: 114363

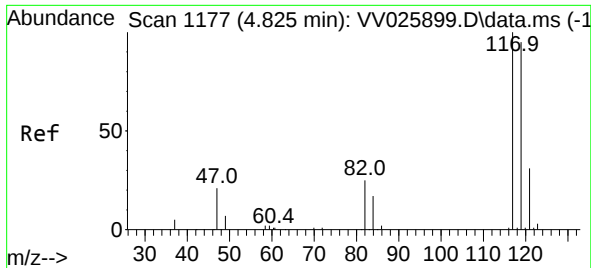
Ion Ratio Lower Upper

56 100

69 30.7 24.6 37.0

84 92.7 75.0 112.4

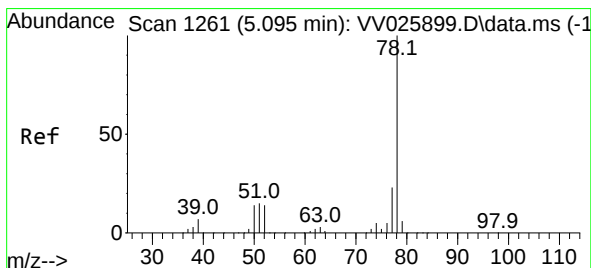
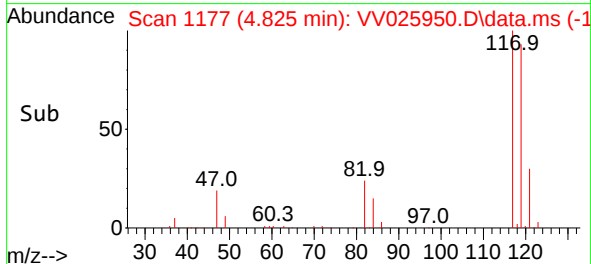
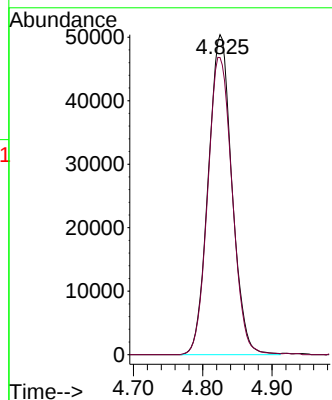
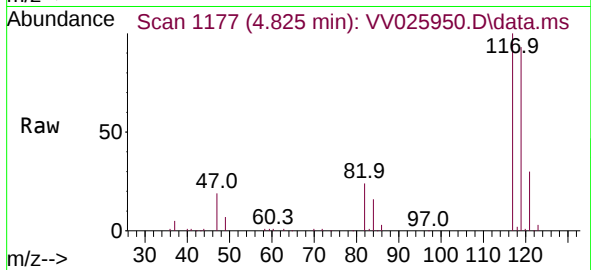




#31
Carbon tetrachloride
Concen: 5.033 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

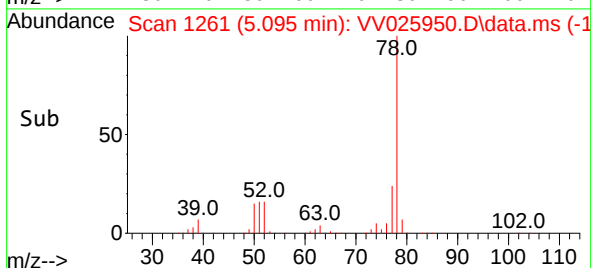
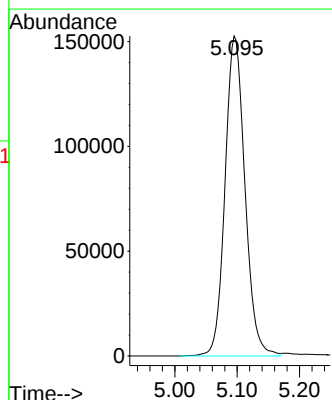
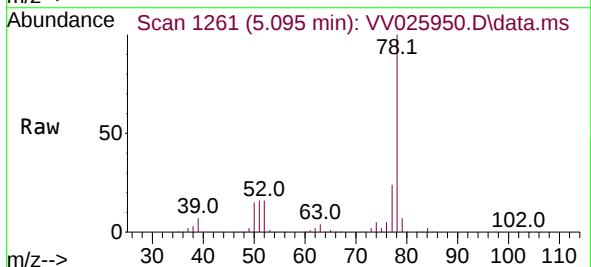
Instrument :
MSVOA_V
ClientSampleId :

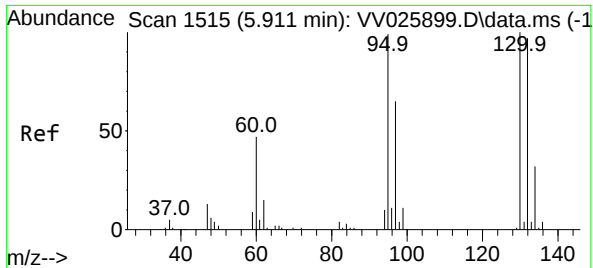
Tgt Ion:117 Resp: 119731
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6



#33
Benzene
Concen: 4.842 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion: 78 Resp: 337992





#34

Trichloroethene

Concen: 4.765 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 84933

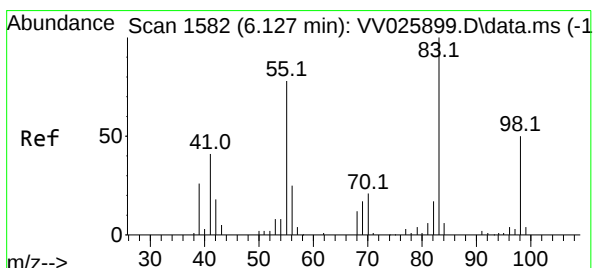
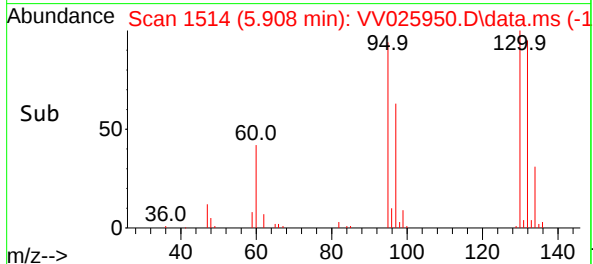
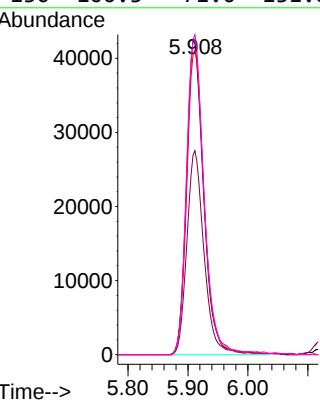
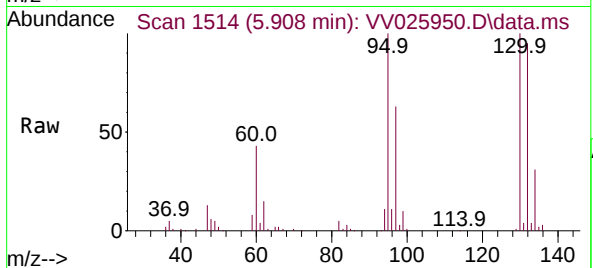
Ion Ratio Lower Upper

95 100

97 63.5 44.9 83.3

132 95.5 67.6 125.6

130 100.3 71.0 131.8



#35

Methylcyclohexane

Concen: 4.651 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

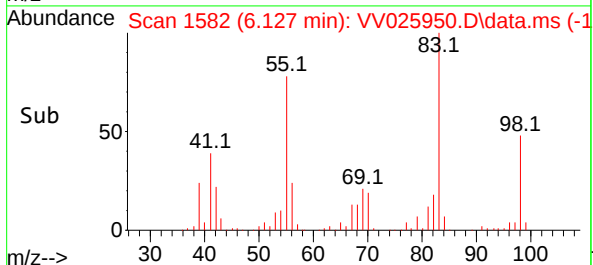
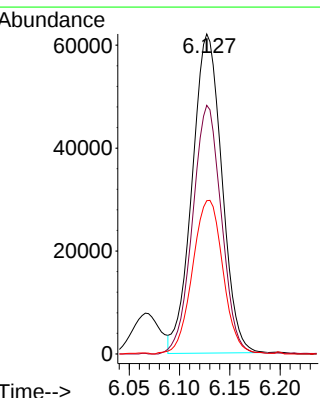
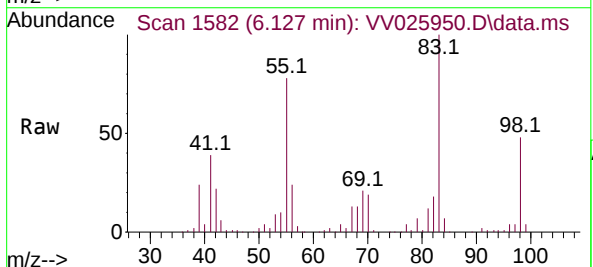
Tgt Ion: 83 Resp: 127307

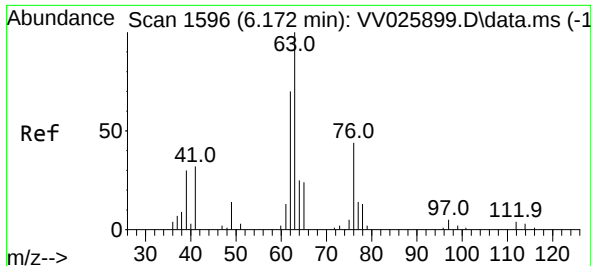
Ion Ratio Lower Upper

83 100

55 75.8 60.1 90.1

98 49.5 40.6 61.0





#37

1,2-Dichloropropane

Concen: 5.120 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Instrument :

MSVOA_V

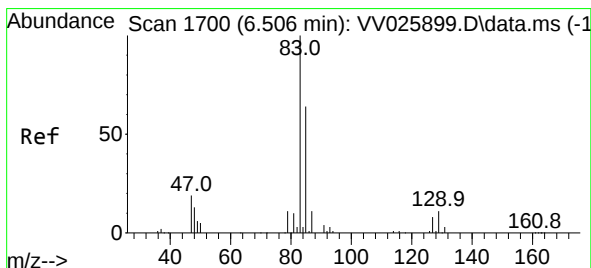
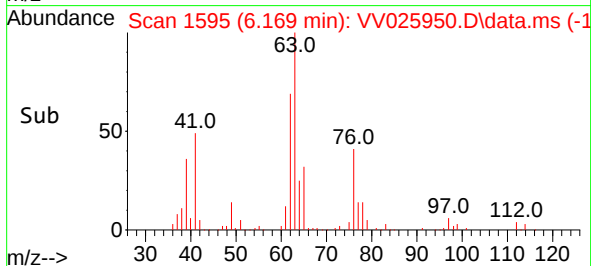
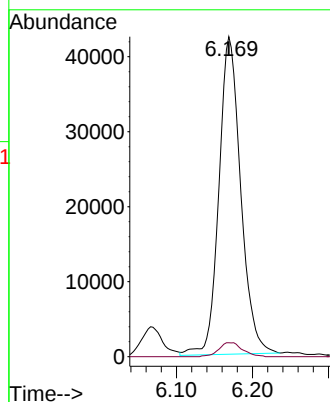
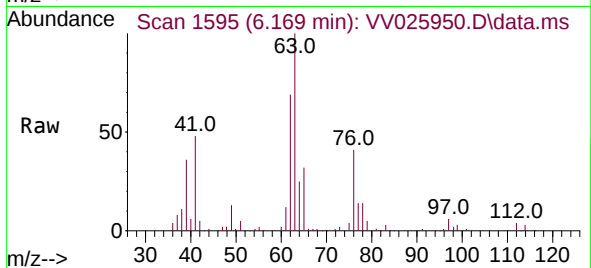
ClientSampleId :

Tgt Ion: 63 Resp: 84297

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 4.929 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

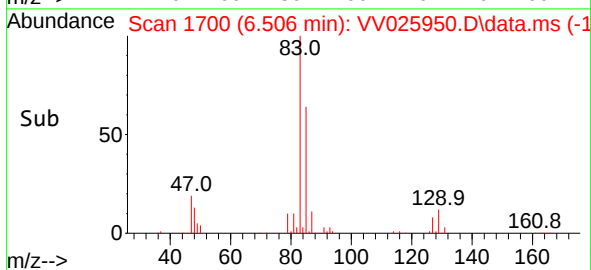
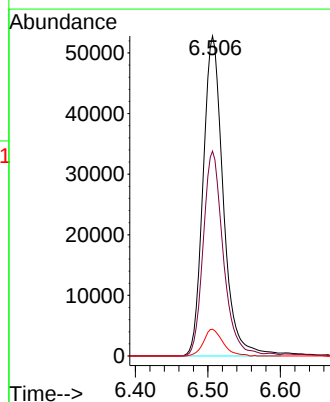
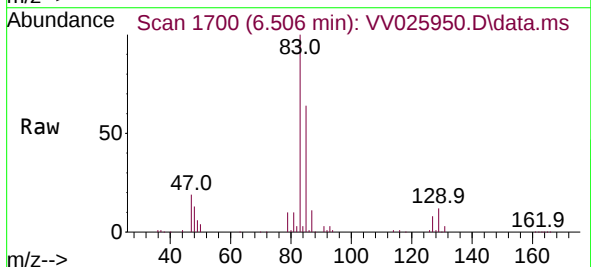
Tgt Ion: 83 Resp: 101995

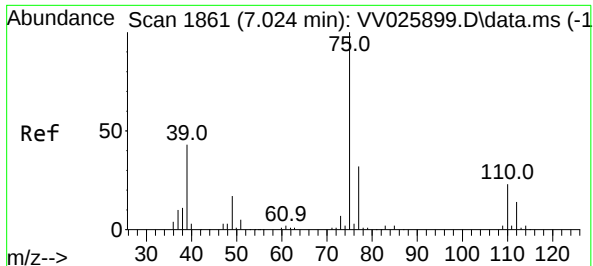
Ion Ratio Lower Upper

83 100

85 64.0 46.1 85.5

127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.300 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Instrument :

MSVOA_V

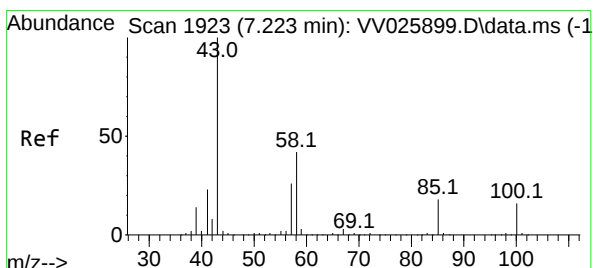
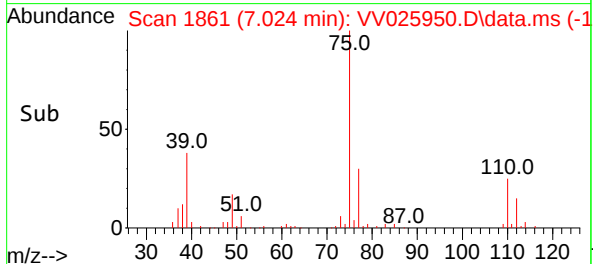
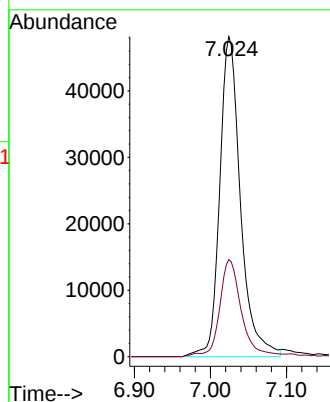
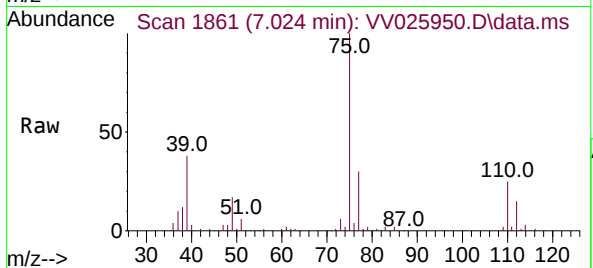
ClientSampleId :

Tgt Ion: 75 Resp: 91385

Ion Ratio Lower Upper

75 100

77 30.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 46.258 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

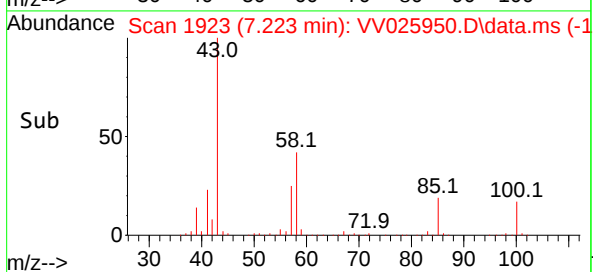
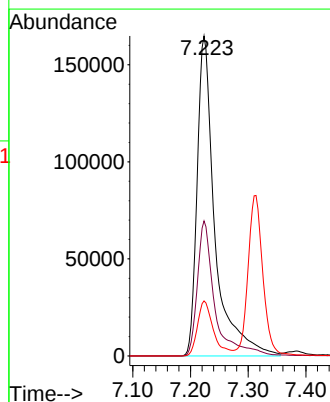
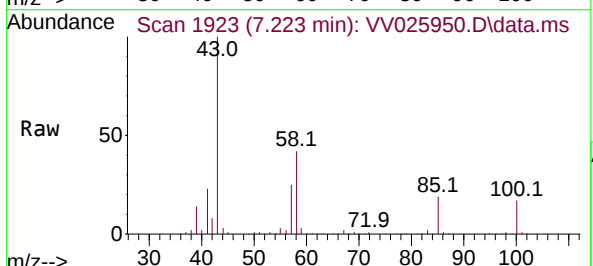
Tgt Ion: 43 Resp: 352283

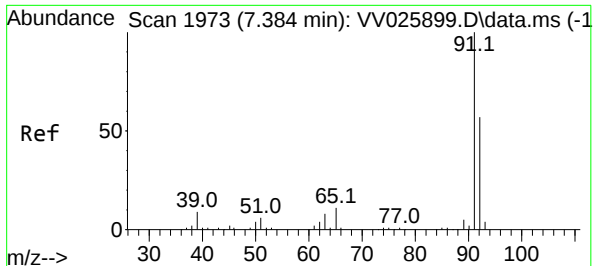
Ion Ratio Lower Upper

43 100

58 41.6 31.6 47.4

100 15.4 12.2 18.4





#42

Toluene

Concen: 5.104 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Instrument :

MSVOA_V

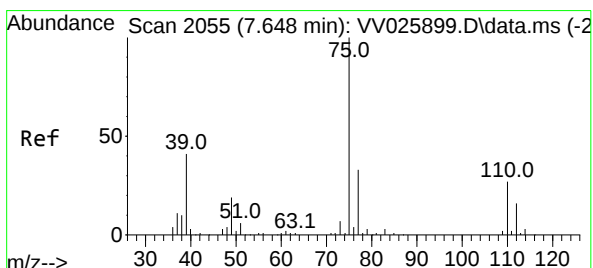
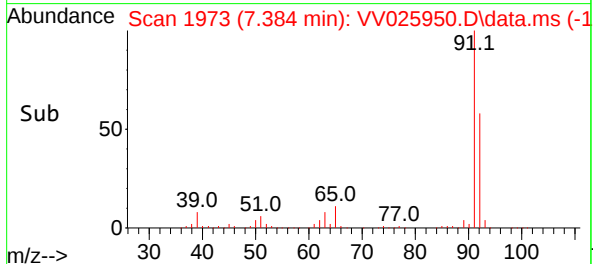
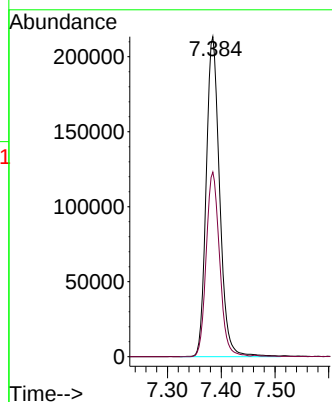
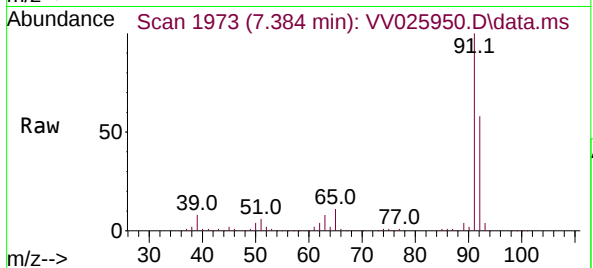
ClientSampleId :

Tgt Ion: 91 Resp: 370840

Ion Ratio Lower Upper

91 100

92 57.7 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 4.507 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV025950.D

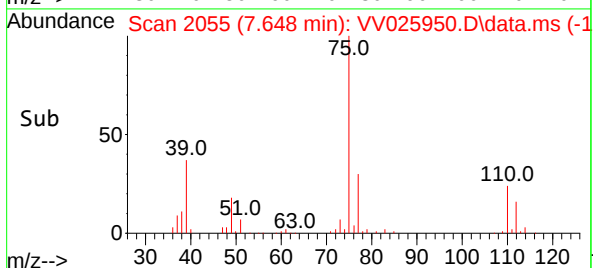
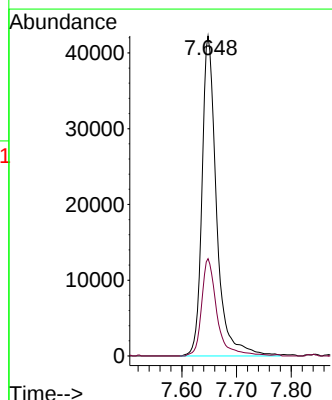
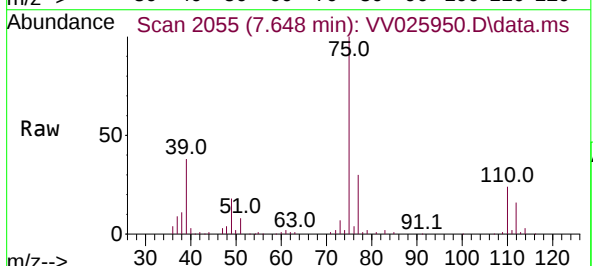
Acq: 23 May 2022 09:34

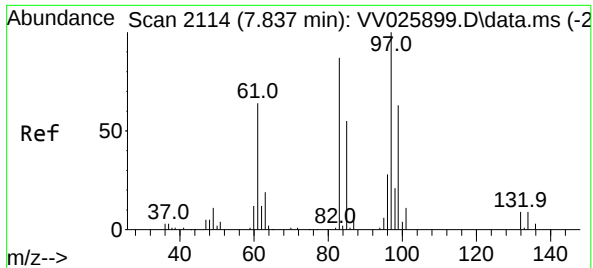
Tgt Ion: 75 Resp: 78136

Ion Ratio Lower Upper

75 100

77 30.4 23.1 42.9

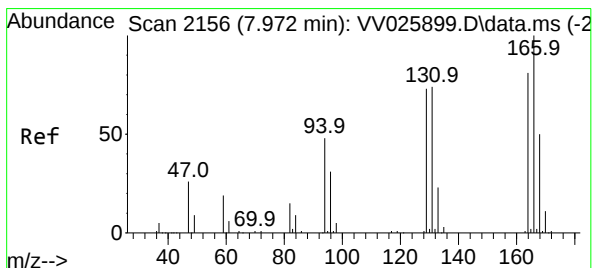
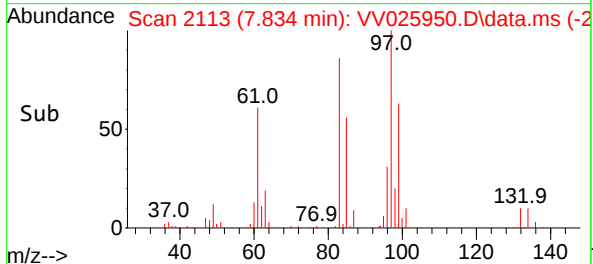
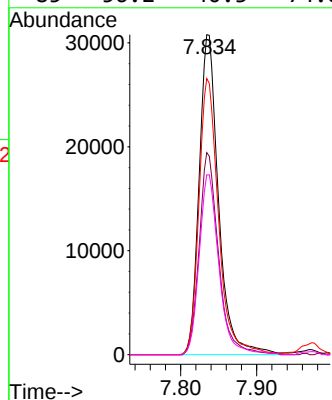
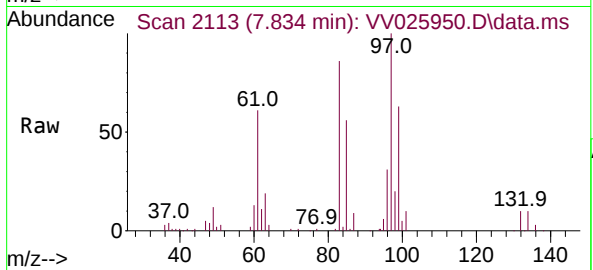




#45
1,1,2-Trichloroethane
Concen: 4.836 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

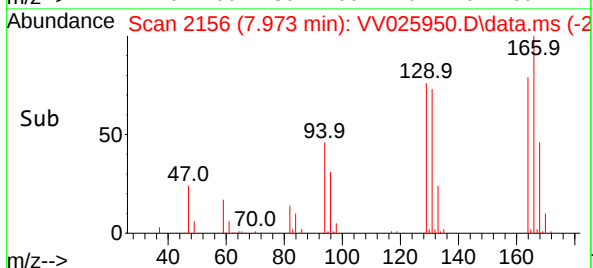
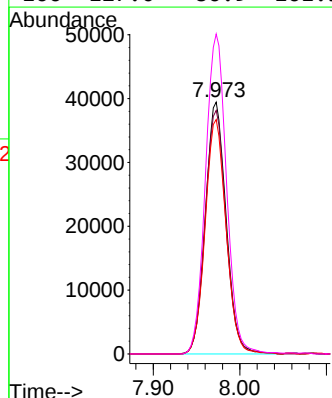
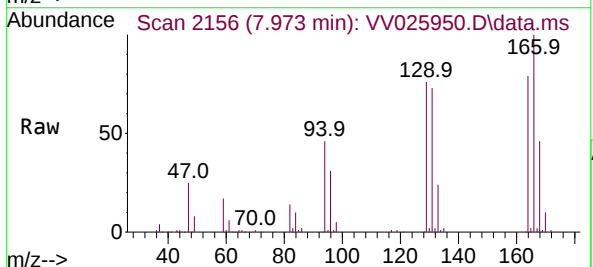
Instrument :
MSVOA_V
ClientSampleId :

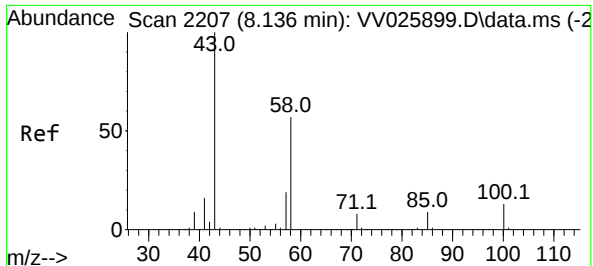
Tgt Ion:	97	Resp:	54652
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.8	83.2
83	86.3	65.7	121.9
85	56.2	40.3	74.8



#47
Tetrachloroethene
Concen: 4.755 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion:	164	Resp:	65670
Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.5	125.4
131	93.1	63.8	118.4
166	127.0	86.9	161.3

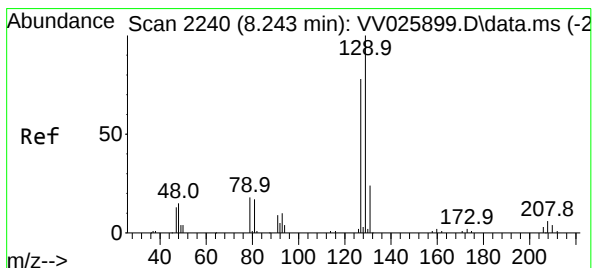
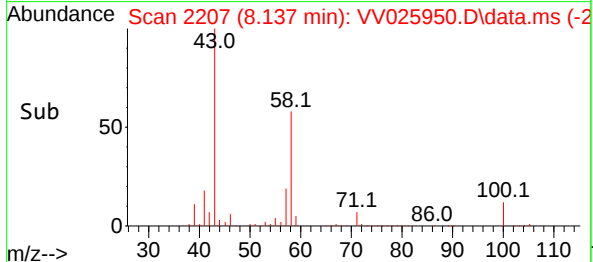
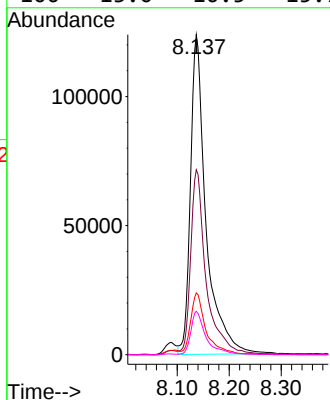
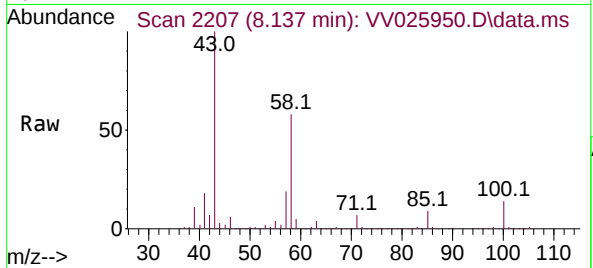




#48
2-Hexanone
Concen: 47.952 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

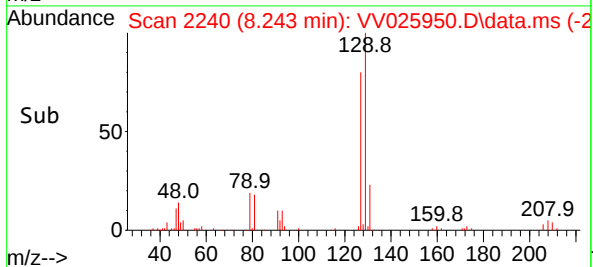
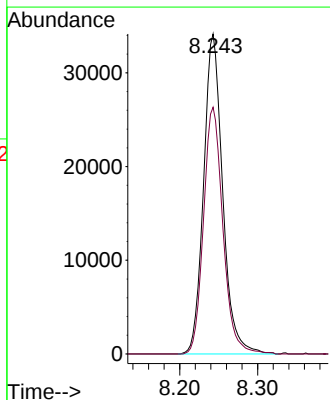
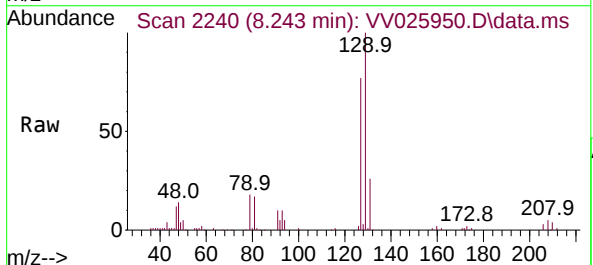
Instrument :
MSVOA_V
ClientSampleId :

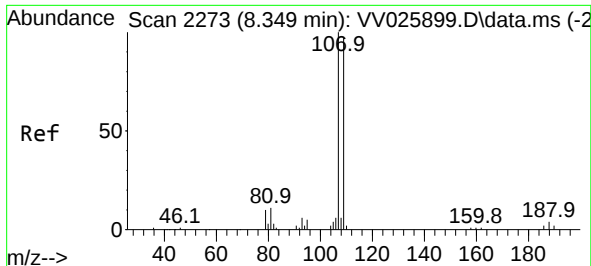
Tgt Ion: 43 Resp: 258161
Ion Ratio Lower Upper
43 100
58 56.9 44.7 67.1
57 18.5 14.9 22.3
100 13.0 10.5 15.7



#49
Dibromochloromethane
Concen: 4.701 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion:129 Resp: 58052
Ion Ratio Lower Upper
129 100
127 77.1 54.5 101.1

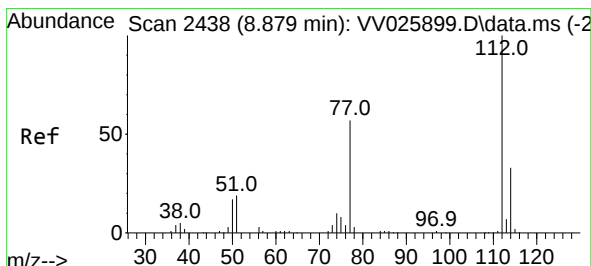
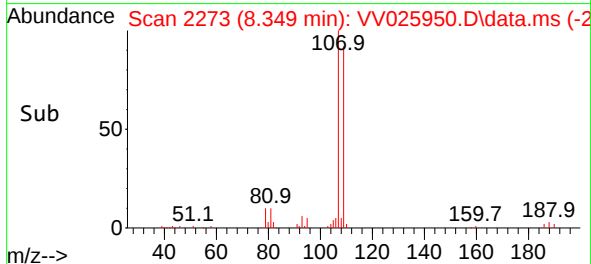
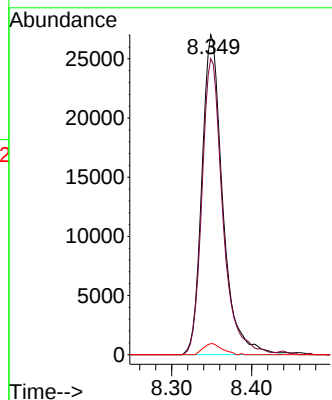
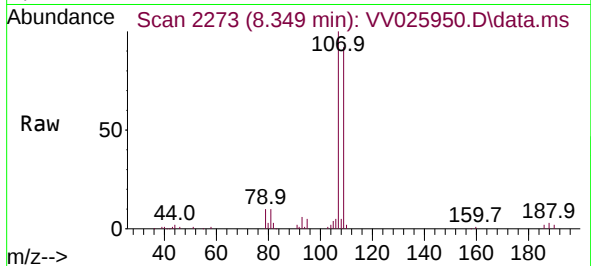




#50
1,2-Dibromoethane
Concen: 4.883 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

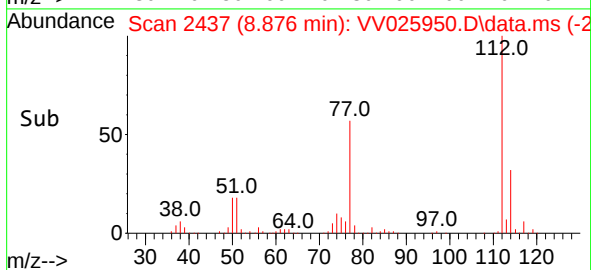
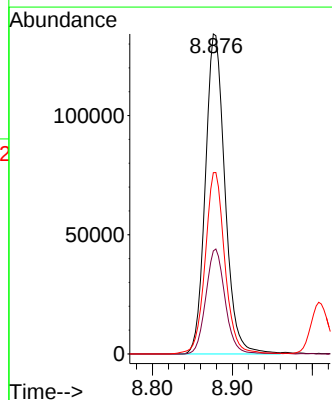
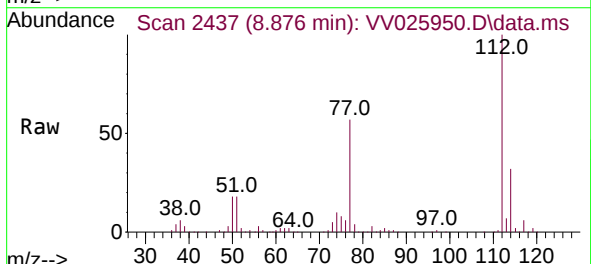
Instrument :
MSVOA_V
ClientSampleId :

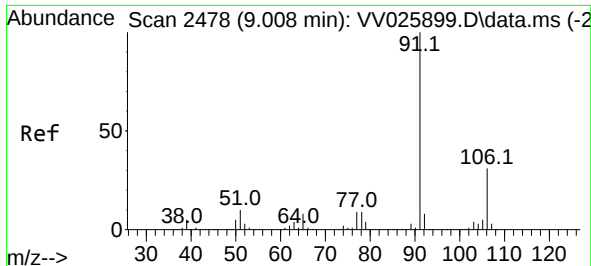
Tgt Ion:107 Resp: 49062
Ion Ratio Lower Upper
107 100
109 92.5 68.1 126.5
188 3.5 2.7 4.1



#51
Chlorobenzene
Concen: 4.870 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion:112 Resp: 229502
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.3
77 56.6 45.3 67.9

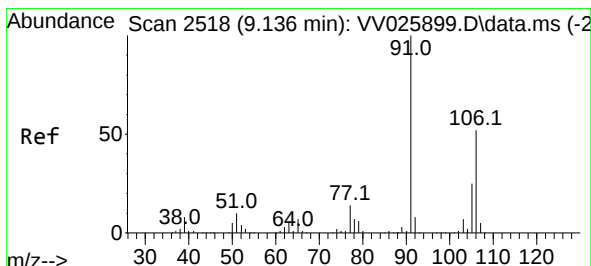
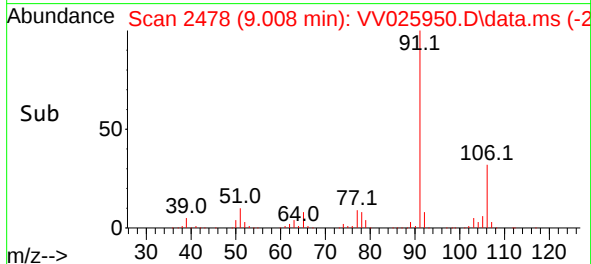
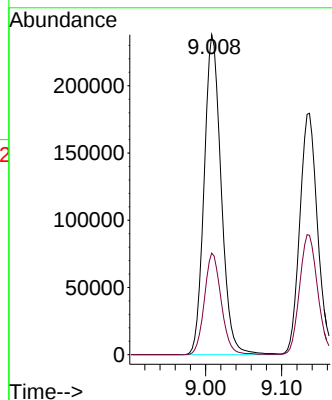
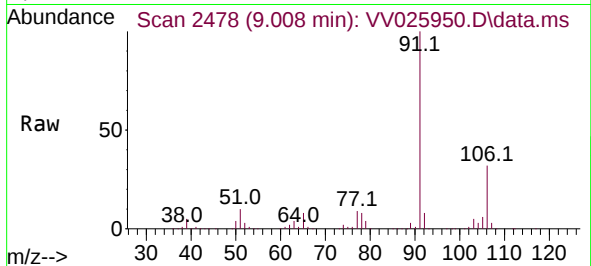




#52
Ethylbenzene
Concen: 4.844 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

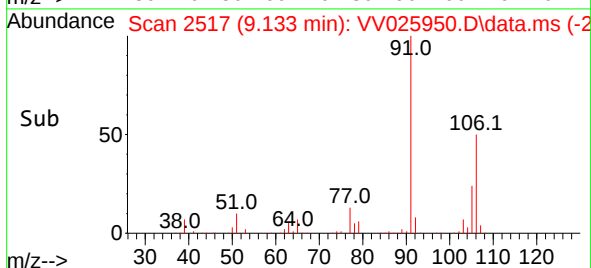
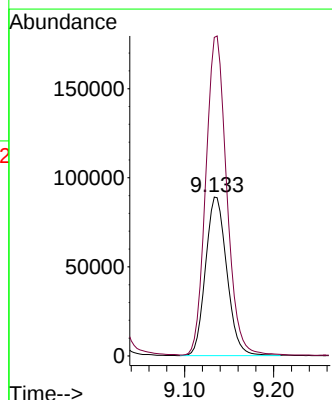
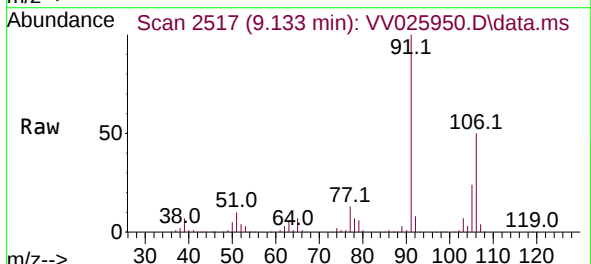
Instrument :
MSVOA_V
ClientSampleId :

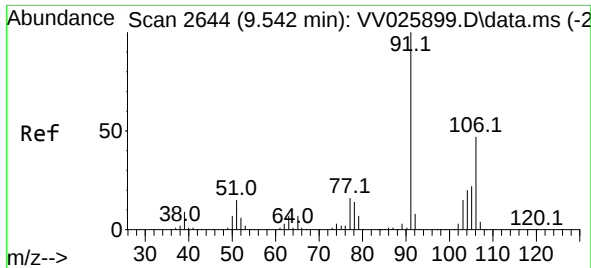
Tgt Ion: 91 Resp: 370190
Ion Ratio Lower Upper
91 100
106 31.8 21.6 40.0



#53
m,p-Xylene
Concen: 5.002 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion: 106 Resp: 147641
Ion Ratio Lower Upper
106 100
91 200.4 135.3 251.3

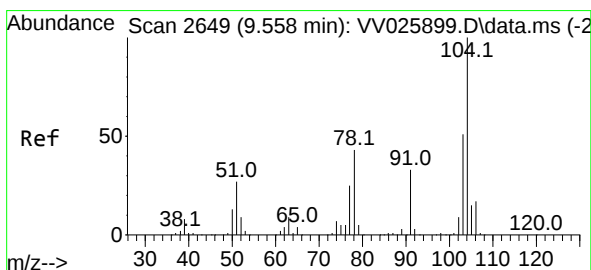
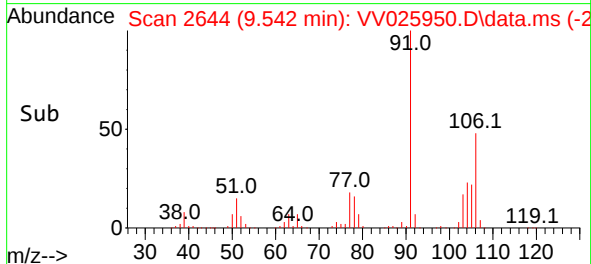
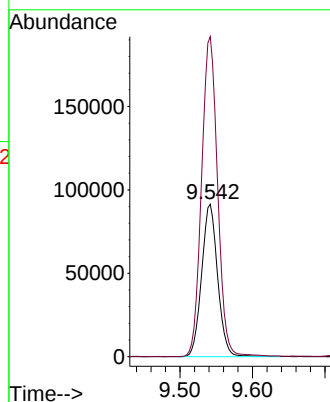
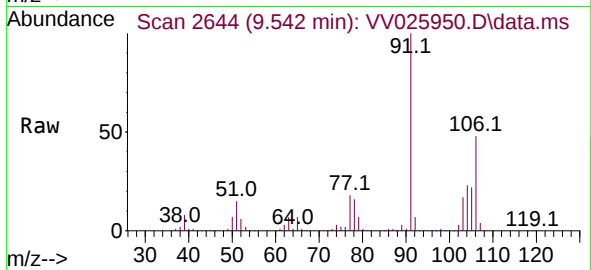




#54
o-Xylene
Concen: 4.982 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

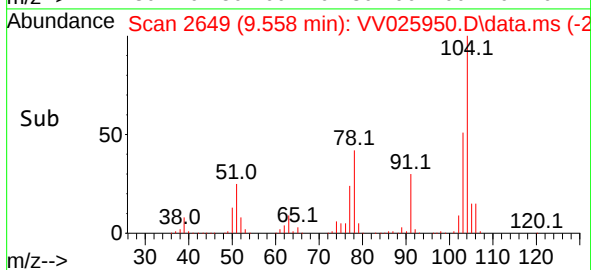
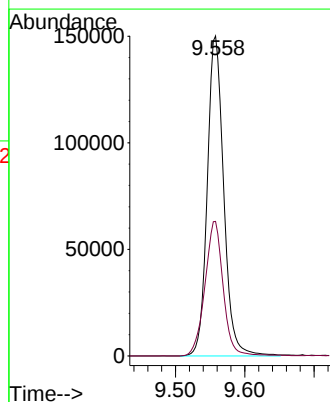
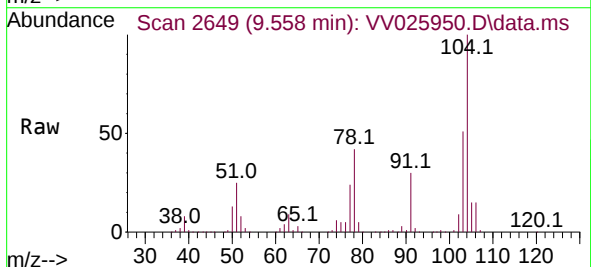
Instrument :
MSVOA_V
ClientSampleId :

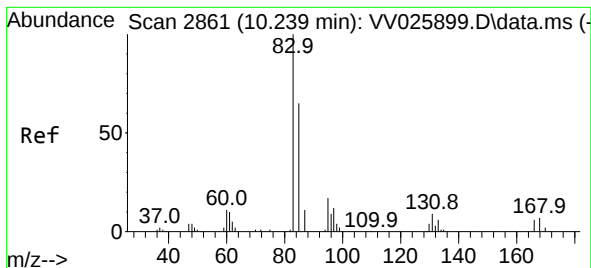
Tgt Ion:106 Resp: 140022
Ion Ratio Lower Upper
106 100
91 209.8 145.1 269.5



#55
Styrene
Concen: 5.233 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion:104 Resp: 247126
Ion Ratio Lower Upper
104 100
78 42.1 30.0 55.8

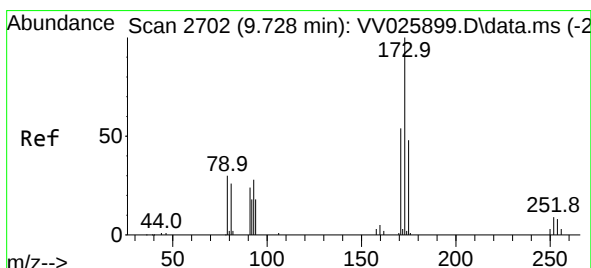
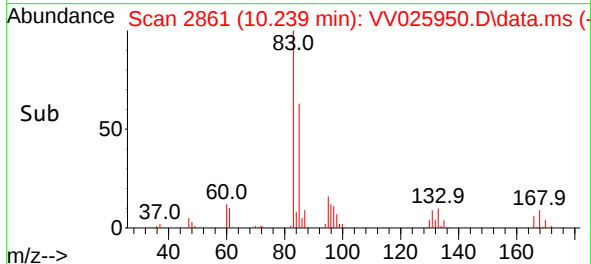
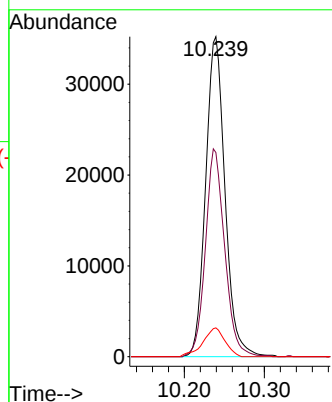
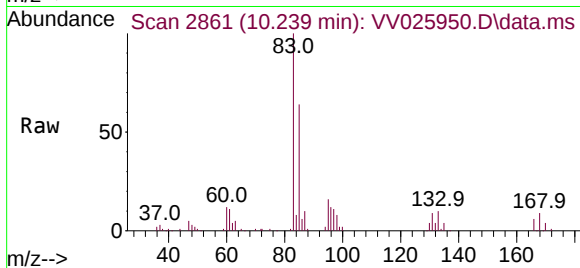




#57
1,1,2,2-Tetrachloroethane
Concen: 4.851 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

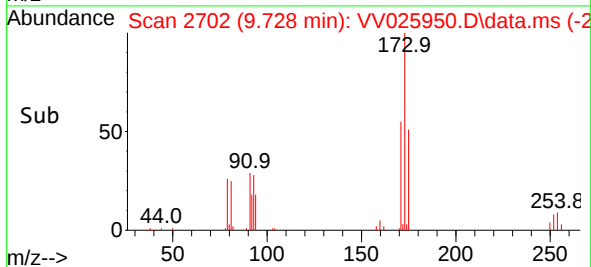
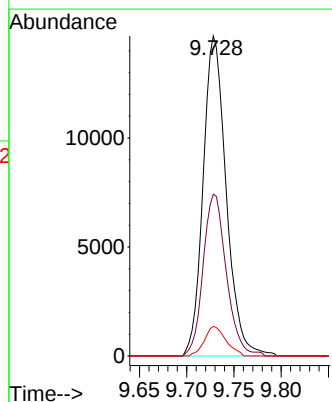
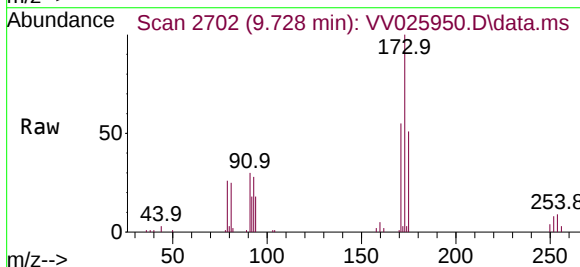
Instrument :
MSVOA_V
ClientSampleId :

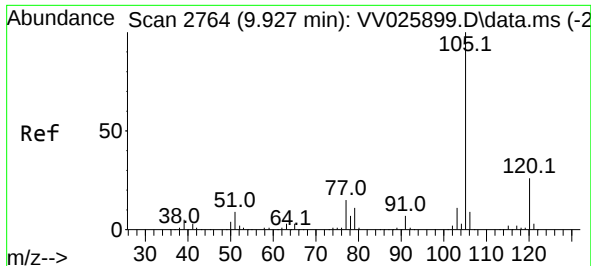
Tgt Ion: 83 Resp: 59239
Ion Ratio Lower Upper
83 100
85 63.8 44.5 82.7
131 9.0 6.7 10.1



#59
Bromoform
Concen: 4.152 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion: 173 Resp: 24972
Ion Ratio Lower Upper
173 100
175 50.7 39.4 59.2
254 8.6 7.0 10.6

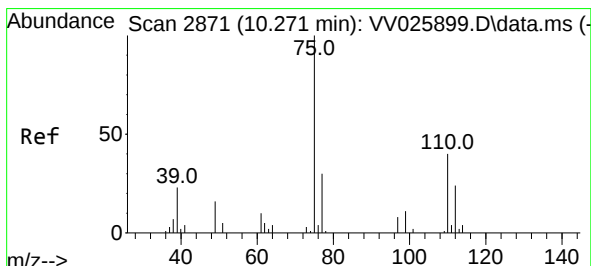
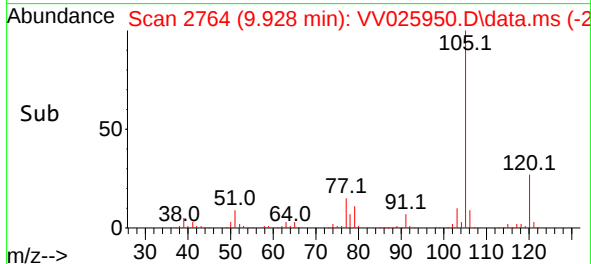
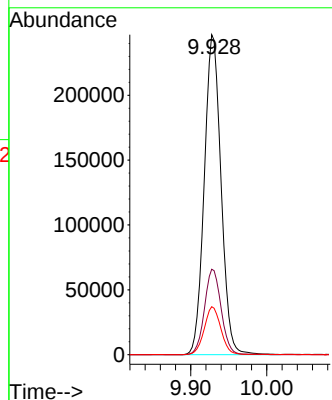
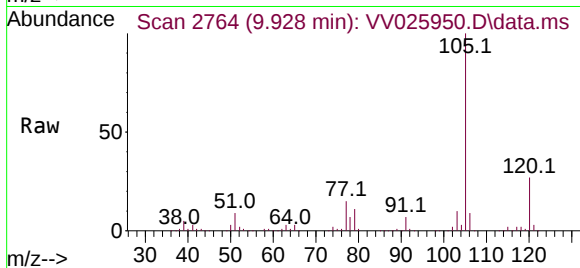




#60
Isopropylbenzene
Concen: 4.882 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

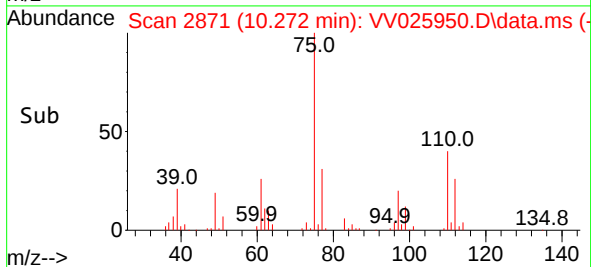
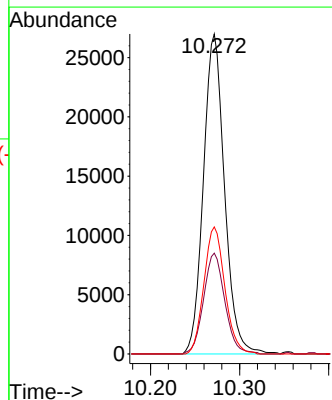
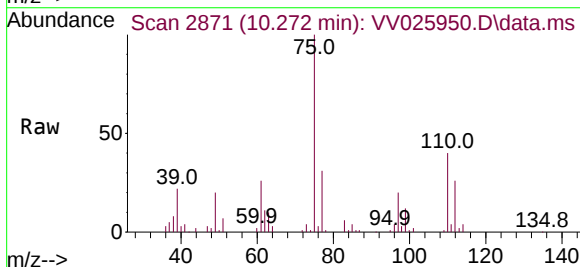
Instrument :
MSVOA_V
ClientSampleId :

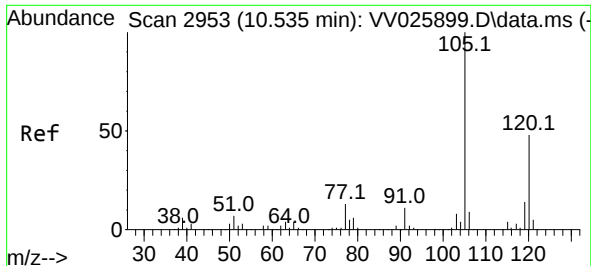
Tgt Ion:105 Resp: 378347
Ion Ratio Lower Upper
105 100
120 26.6 20.7 31.1
77 14.9 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.612 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

Tgt Ion: 75 Resp: 44524
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
110 39.3 32.4 48.6





#62

1,3,5-Trimethylbenzene

Concen: 4.596 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Instrument :

MSVOA_V

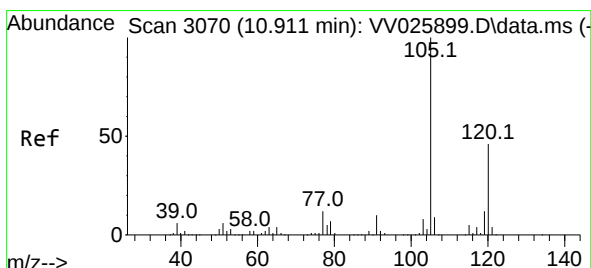
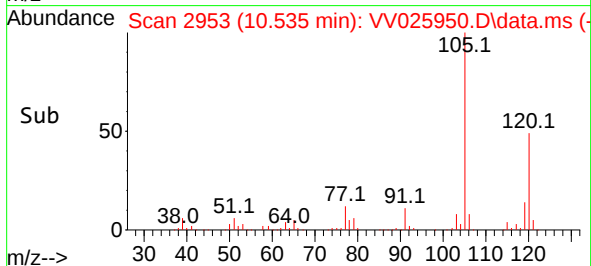
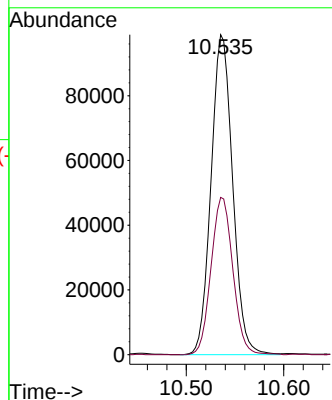
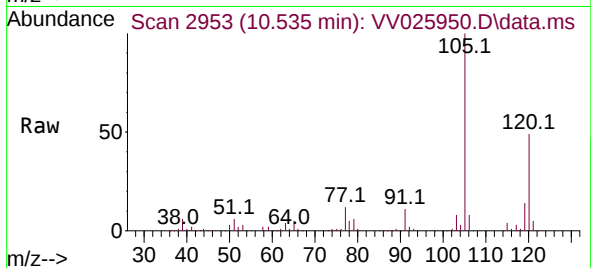
ClientSampleId :

Tgt Ion:105 Resp: 152129

Ion Ratio Lower Upper

105 100

120 49.6 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 4.775 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV025950.D

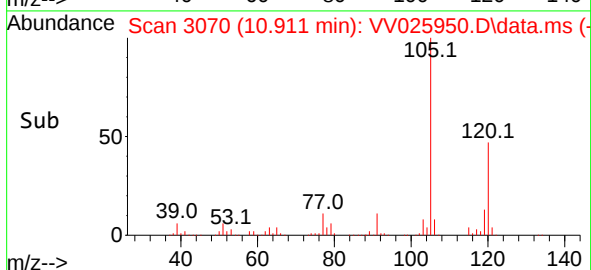
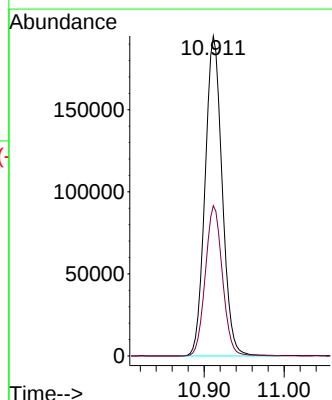
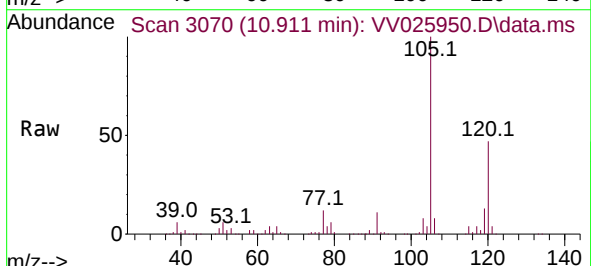
Acq: 23 May 2022 09:34

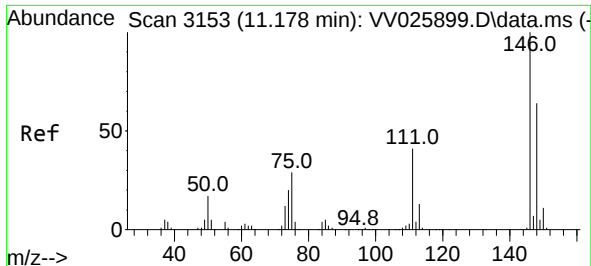
Tgt Ion:105 Resp: 289779

Ion Ratio Lower Upper

105 100

120 47.0 36.8 55.2

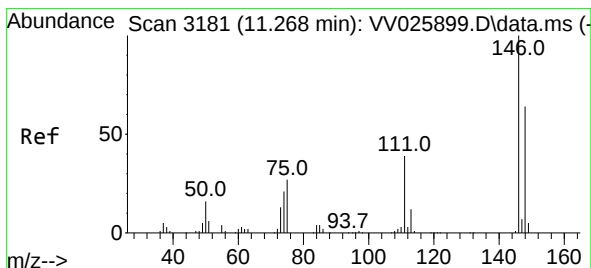
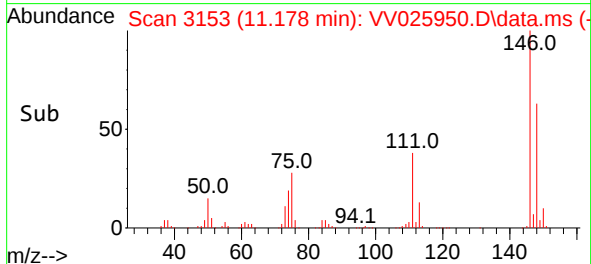
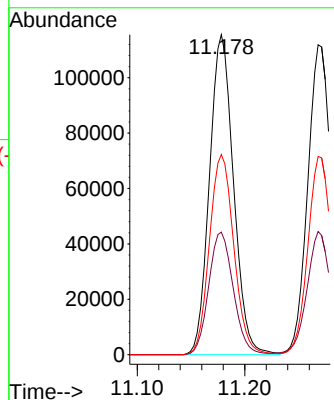
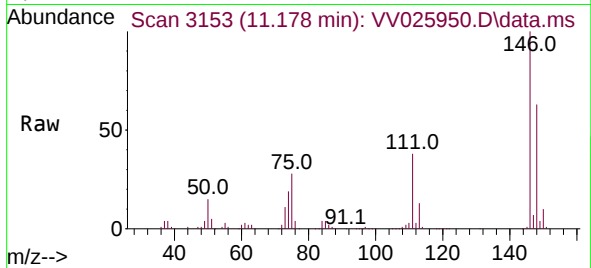




#64
1,3-Dichlorobenzene
Concen: 4.895 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

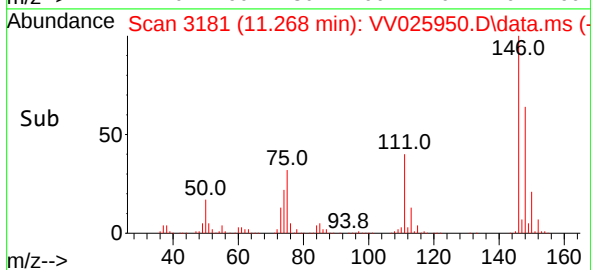
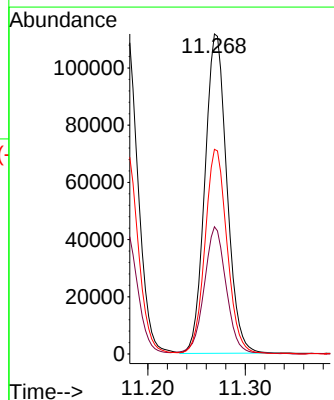
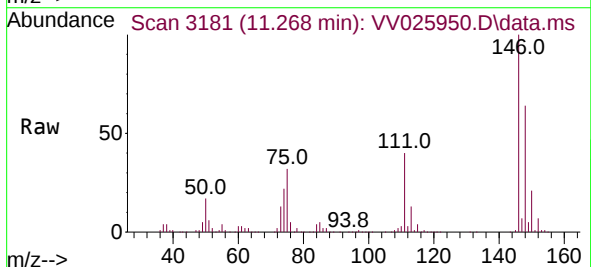
Instrument :
MSVOA_V
ClientSampleId :

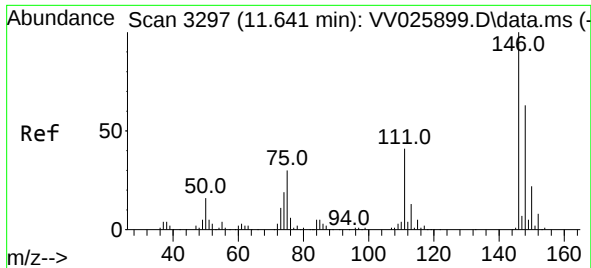
Tgt Ion:146 Resp: 179472
Ion Ratio Lower Upper
146 100
111 38.3 28.2 52.4
148 62.5 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 4.688 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

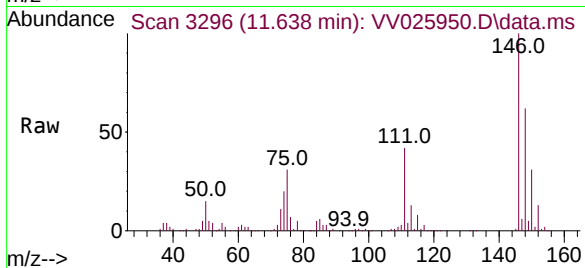
Tgt Ion:146 Resp: 174983
Ion Ratio Lower Upper
146 100
111 39.7 27.5 51.1
148 63.9 44.7 82.9



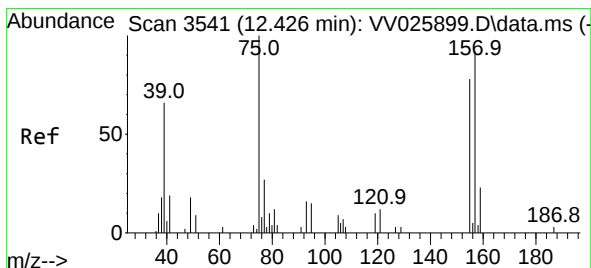
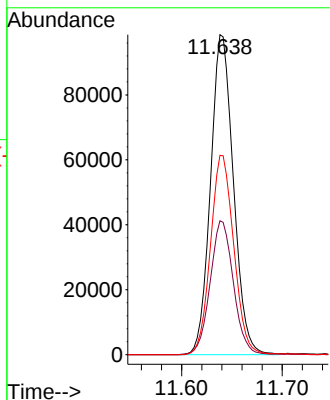
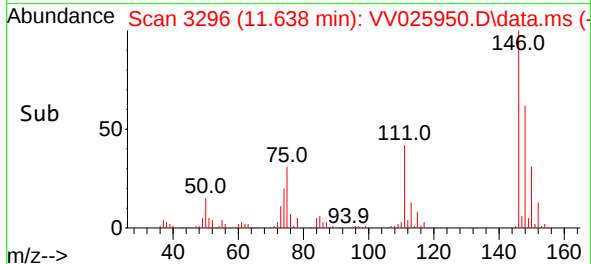


#67
1,2-Dichlorobenzene
Concen: 4.729 ug/L
RT: 11.638 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34

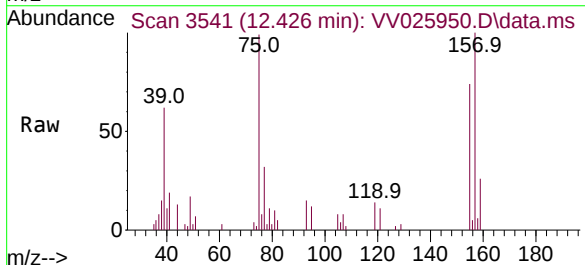
Instrument :
MSVOA_V
ClientSampleId :



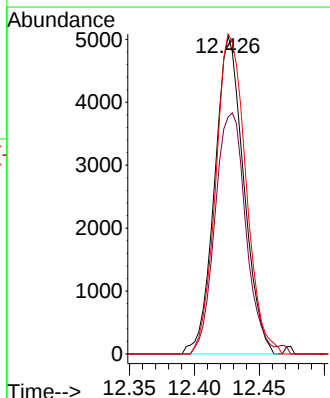
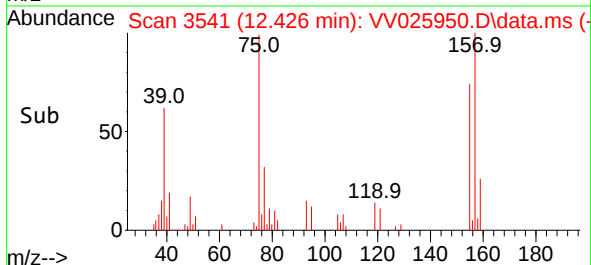
Tgt Ion:146 Resp: 155785
Ion Ratio Lower Upper
146 100
111 41.8 33.6 50.4
148 62.3 49.4 74.2

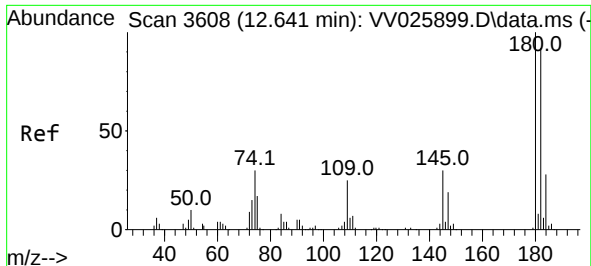


#68
1,2-Dibromo-3-chloropropane
Concen: 4.209 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025950.D
Acq: 23 May 2022 09:34



Tgt Ion: 75 Resp: 7870
Ion Ratio Lower Upper
75 100
155 74.7 59.6 89.4
157 100.8 85.3 127.9





#69

1,3,5-Trichlorobenzene

Concen: 4.514 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.003 min

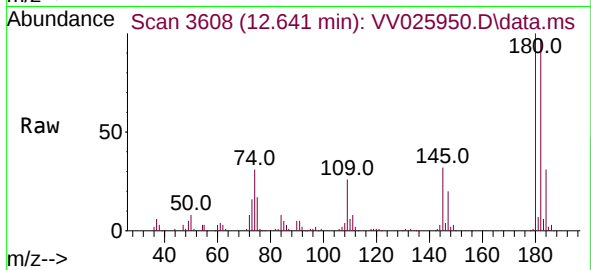
Lab File: VV025950.D

Acq: 23 May 2022 09:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 123294

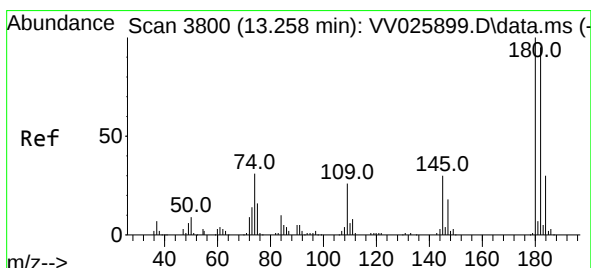
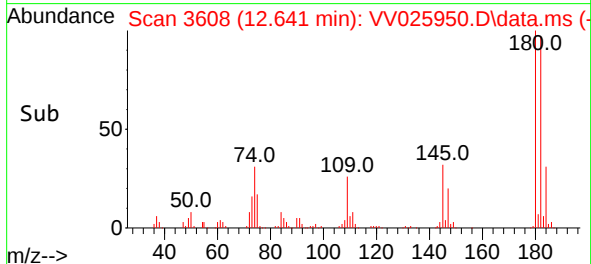
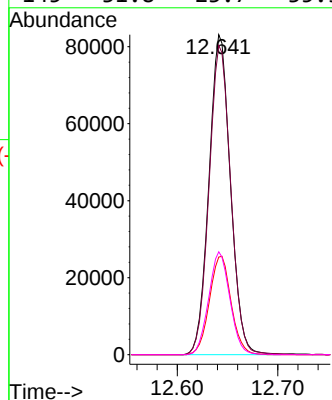
Ion Ratio Lower Upper

180 100

182 97.5 74.3 111.5

184 31.1 23.5 35.3

145 31.8 23.7 35.5



#70

1,2,4-trichlorobenzene

Concen: 4.467 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

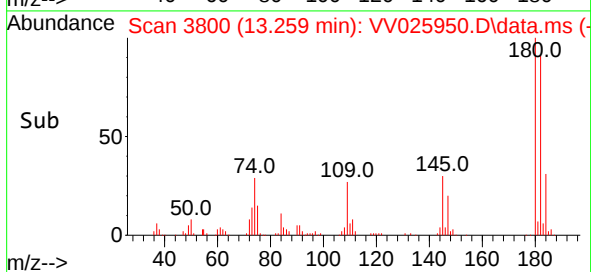
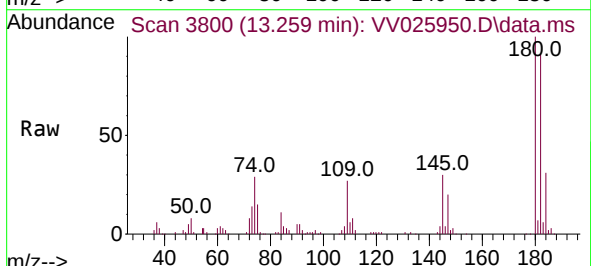
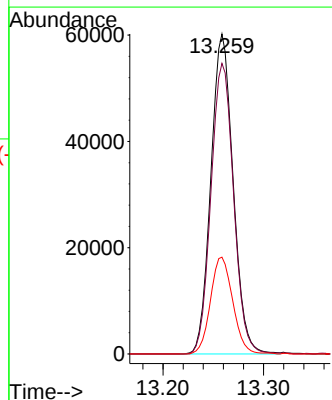
Tgt Ion:180 Resp: 92548

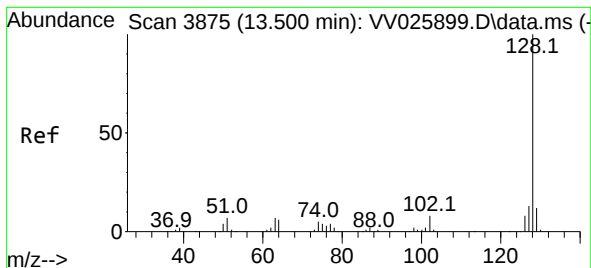
Ion Ratio Lower Upper

180 100

182 92.2 75.0 112.4

145 30.3 25.1 37.7





#71

Naphthalene

Concen: 3.887 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Instrument :

MSVOA_V

ClientSampleId :

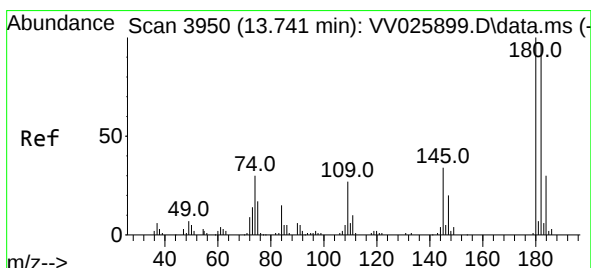
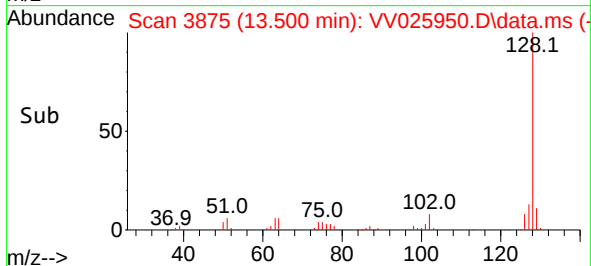
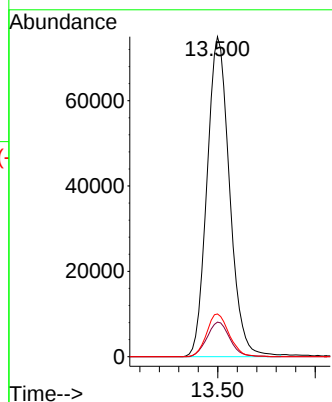
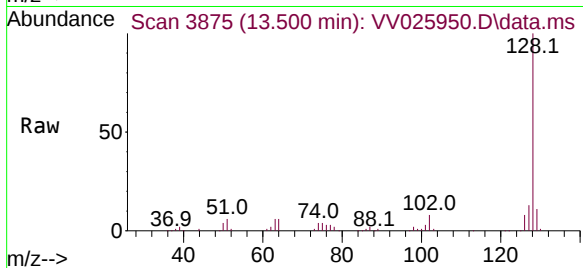
Tgt Ion:128 Resp: 120582

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.4 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.403 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025950.D

Acq: 23 May 2022 09:34

Tgt Ion:180 Resp: 78810

Ion Ratio Lower Upper

180 100

182 93.5 73.5 110.3

145 33.6 25.9 38.9

