

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012723\
 Data File : VW029969.D
 Acq On : 27 Jan 2023 10:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 28 01:49:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 27 01:28:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	230923	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	210831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	118108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	89674	5.120	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.400%		
7) Chloroethane-d5	1.561	69	81003	5.579	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.600%		
11) 1,1-Dichloroethene-d2	2.101	63	164194	5.142	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 102.800%		
20) 2-Butanone-d5	3.886	46	166892	53.759	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 107.520%		
24) Chloroform-d	4.333	84	155667	4.845	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.800%		
26) 1,2-Dichloroethane-d4	5.018	65	64494	4.740	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 94.800%		
32) Benzene-d6	5.037	84	320359	5.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.400%		
36) 1,2-Dichloropropane-d6	6.056	67	99509	5.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.800%		
41) Toluene-d8	7.304	98	278159	4.804	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.000%		
43) trans-1,3-Dichloroprop...	7.609	79	32629	4.881	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.600%		
46) 2-Hexanone-d5	8.082	63	142828	52.484	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.960%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	67598	5.040	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.800%		
66) 1,2-Dichlorobenzene-d4	11.609	152	97367	4.534	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 90.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	92875	4.321	ug/L	100
3) Chloromethane	1.236	50	117478	5.194	ug/L	100
5) Vinyl chloride	1.307	62	122346	5.516	ug/L	99
6) Bromomethane	1.516	94	41164	3.812	ug/L	97
8) Chloroethane	1.580	64	76874	5.712	ug/L	99
9) Trichlorofluoromethane	1.748	101	139337	4.796	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	85660	5.005	ug/L	94
12) 1,1-Dichloroethene	2.111	96	85978	4.360	ug/L	88
13) Acetone	2.182	43	123887	55.912	ug/L	97
14) Carbon disulfide	2.285	76	254377	4.481	ug/L	100
15) Methyl Acetate	2.433	43	29888	5.180	ug/L	92
16) Methylene chloride	2.497	84	118807	4.850	ug/L	90
17) Methyl tert-butyl Ether	2.760	73	174757	5.126	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	86688	4.729	ug/L	93
19) 1,1-Dichloroethane	3.175	63	167660	5.468	ug/L	98
21) 2-Butanone	3.969	43	181793	57.270	ug/L	98
22) cis-1,2-Dichloroethene	3.895	96	94494	4.838	ug/L	95
23) Bromochloromethane	4.230	128	40191	4.983	ug/L #	83
25) Chloroform	4.358	83	164455	4.934	ug/L	98

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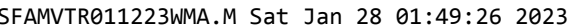
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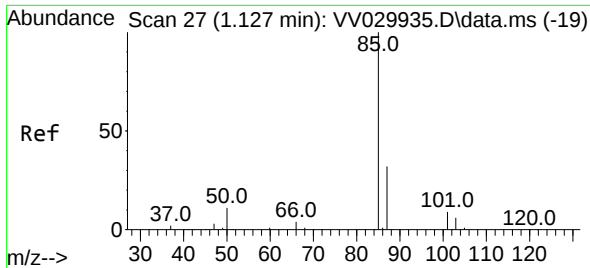
Quant Time: Jan 28 01:49:16 2023
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	85773	5.297	ug/L	100
29) 1,1,1-Trichloroethane	4.593	97	135037	4.933	ug/L	97
30) Cyclohexane	4.661	56	138353	5.338	ug/L	96
31) Carbon tetrachloride	4.812	117	110079	4.621	ug/L	100
33) Benzene	5.085	78	378971	5.437	ug/L	100
34) Trichloroethene	5.899	95	89412	5.061	ug/L	96
35) Methylcyclohexane	6.117	83	148846	4.991	ug/L	96
37) 1,2-Dichloropropane	6.159	63	95360	5.842	ug/L	99
38) Bromodichloromethane	6.497	83	111837	5.297	ug/L	97
39) cis-1,3-Dichloropropene	7.014	75	121932	5.570	ug/L	100
40) 4-Methyl-2-pentanone	7.217	43	443965	63.730	ug/L	93
42) Toluene	7.374	91	384470	5.114	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	99596	5.646	ug/L	99
45) 1,1,2-Trichloroethane	7.825	97	59709	5.077	ug/L	96
47) Tetrachloroethene	7.963	164	69533	4.675	ug/L	98
48) 2-Hexanone	8.133	43	317482	63.761	ug/L	94
49) Dibromochloromethane	8.233	129	67174	4.867	ug/L	99
50) 1,2-Dibromoethane	8.339	107	52211	5.114	ug/L	99
51) Chlorobenzene	8.870	112	238296	4.992	ug/L	99
52) Ethylbenzene	8.998	91	387914	4.930	ug/L	100
53) m,p-Xylene	9.127	106	151006	4.849	ug/L	99
54) o-Xylene	9.532	106	144482	4.888	ug/L	98
55) Styrene	9.548	104	260880	5.132	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.226	83	73593	5.633	ug/L #	99
59) Bromoform	9.718	173	35364	4.623	ug/L	98
60) Isopropylbenzene	9.918	105	388098	5.141	ug/L	99
61) 1,2,3-Trichloropropane	10.259	75	49936	5.710	ug/L	97
62) 1,3,5-Trimethylbenzene	10.525	105	316565	4.893	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	324938	5.037	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	193985	5.060	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	193101	5.053	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	176186	5.112	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	10611	5.131	ug/L	90
69) 1,3,5-Trichlorobenzene	12.631	180	154695	5.013	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	125227	5.193	ug/L	100
71) Naphthalene	13.487	128	167211	5.353	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	107034	5.348	ug/L	99

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

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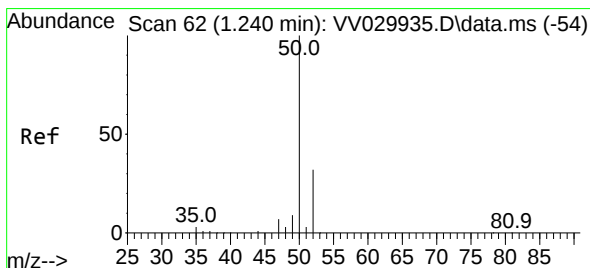
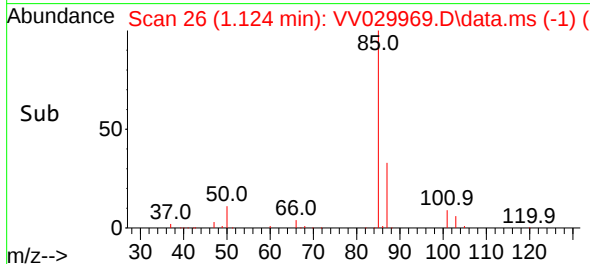
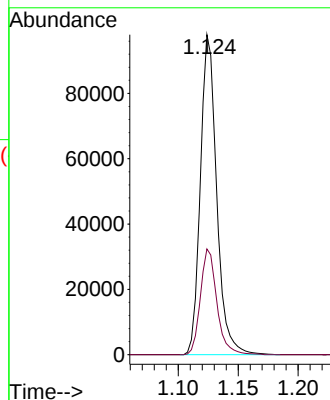
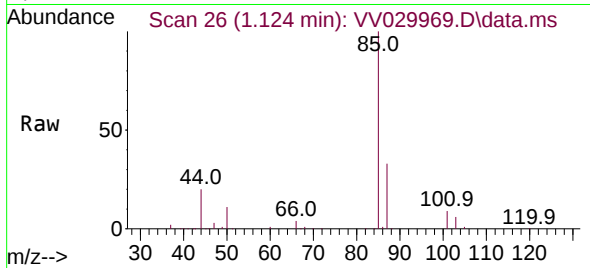




#2
 Dichlorodifluoromethane
 Concen: 4.321 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV029969.D
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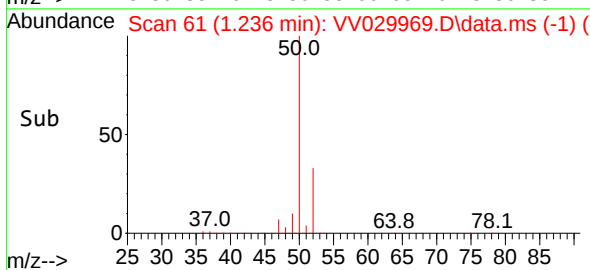
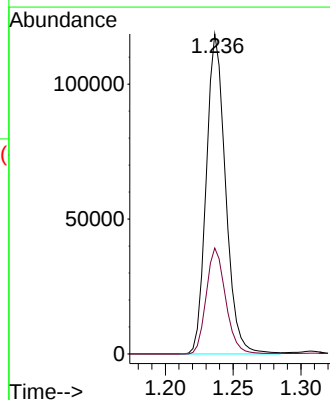
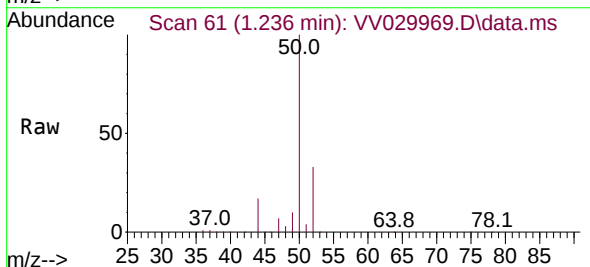
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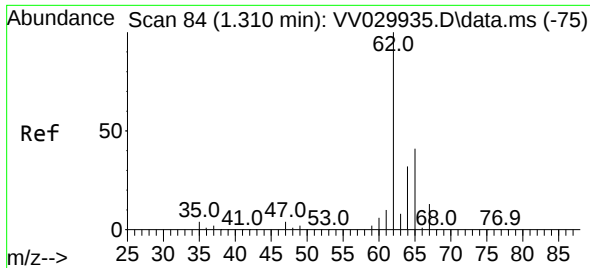
Tgt Ion: 85 Resp: 92875
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.5 39.7



#3
 Chloromethane
 Concen: 5.194 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26

Tgt Ion: 50 Resp: 117478
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.1 42.9

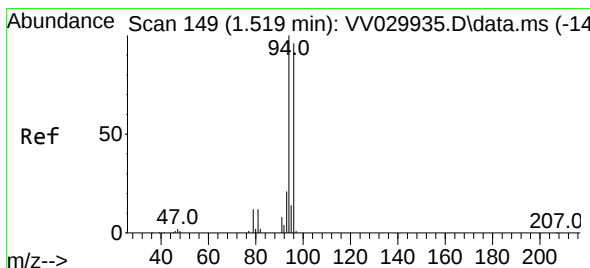
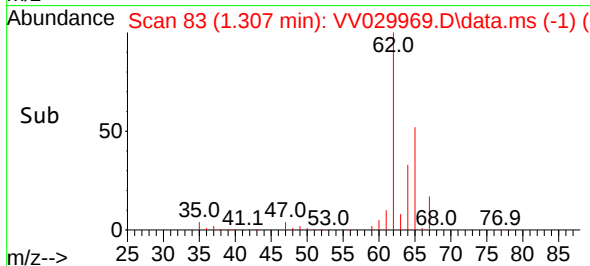
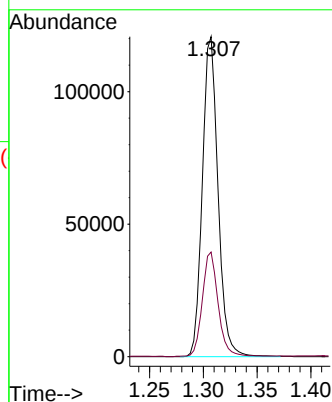
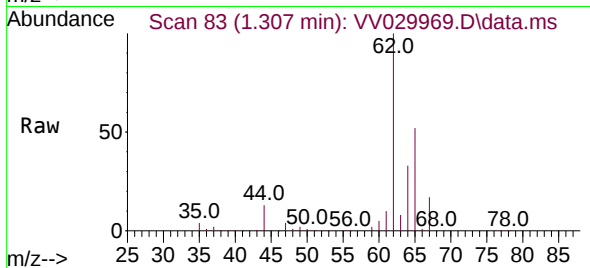




#5
 Vinyl chloride
 Concen: 5.516 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26

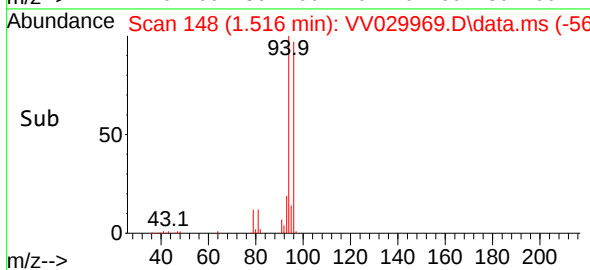
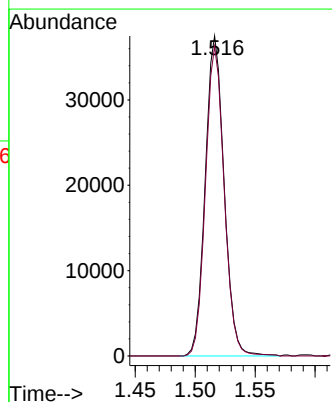
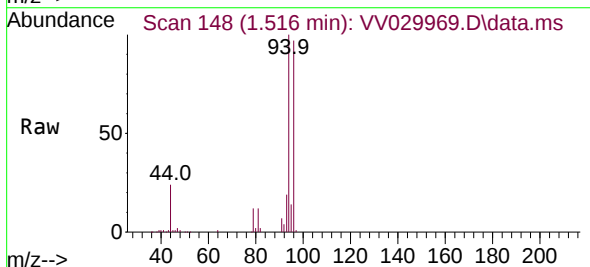
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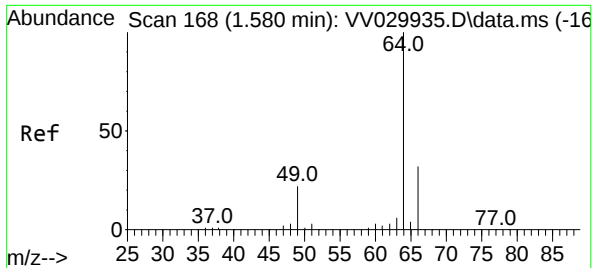
Tgt Ion: 62 Resp: 122346
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#6
 Bromomethane
 Concen: 3.812 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26

Tgt Ion: 94 Resp: 41164
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.9 122.5

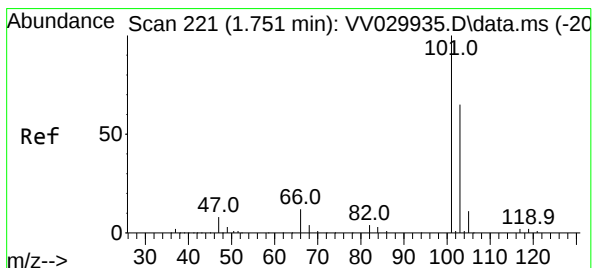
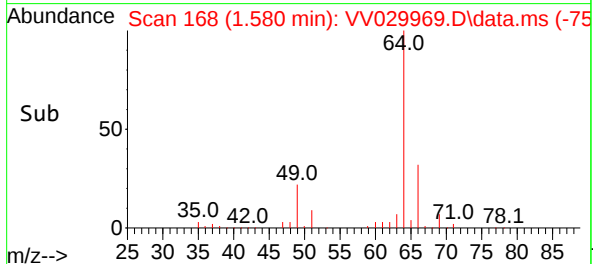
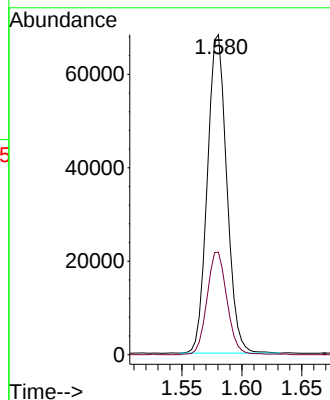
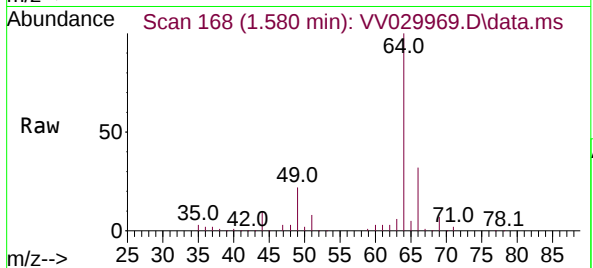




#8
Chloroethane
Concen: 5.712 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

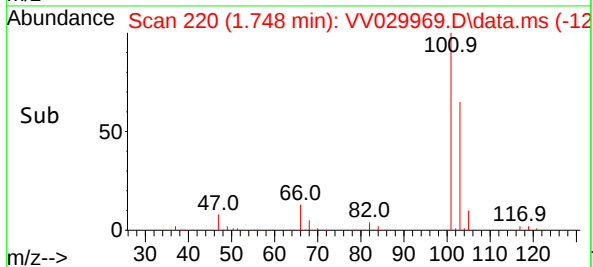
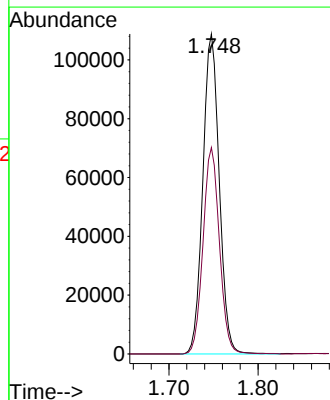
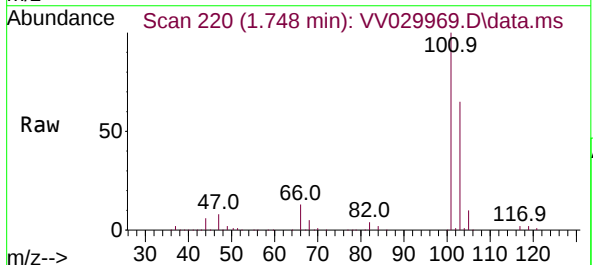
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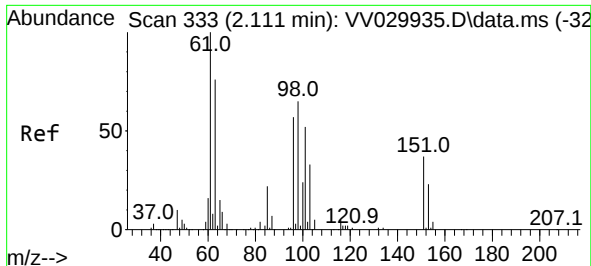
Tgt Ion: 64 Resp: 76874
Ion Ratio Lower Upper
64 100
66 32.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.796 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Tgt Ion:101 Resp: 139337
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

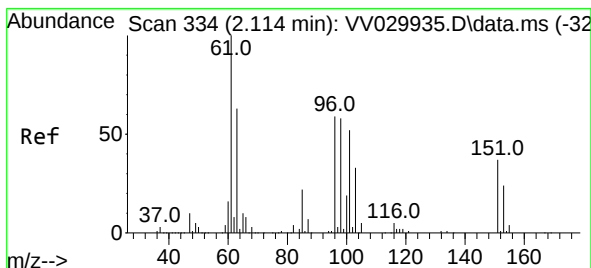
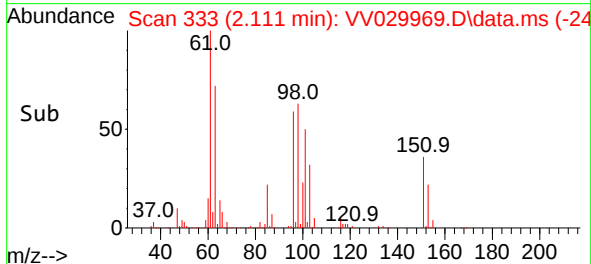
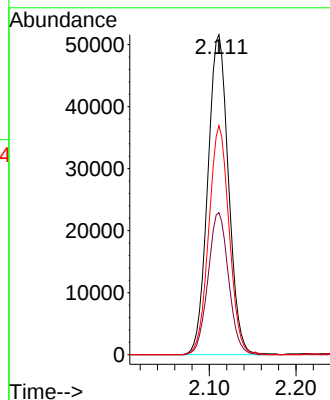
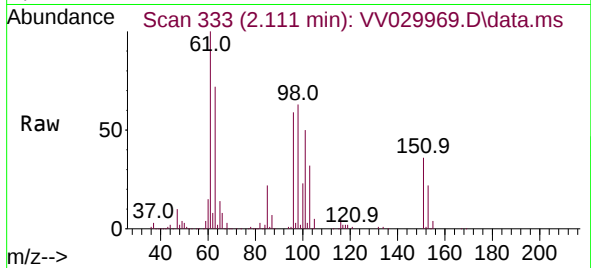




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.005 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26

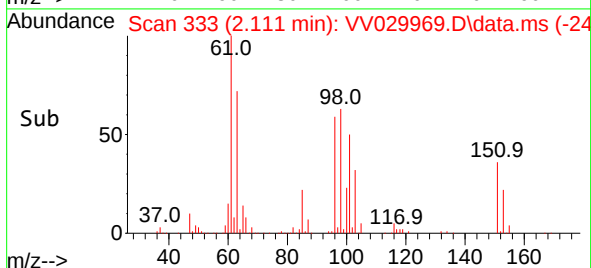
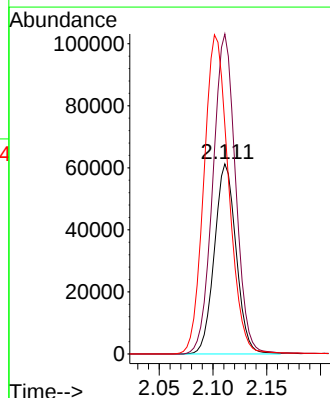
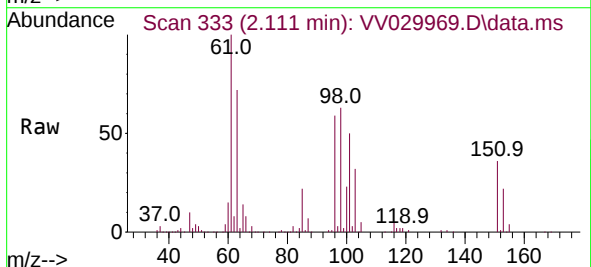
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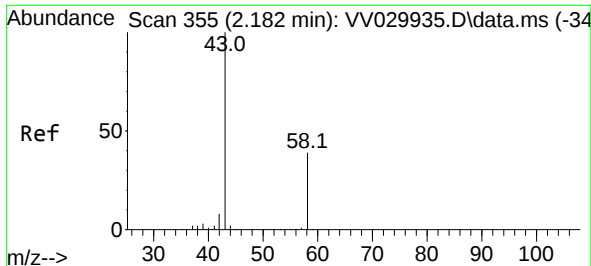
Tgt Ion:101 Resp: 85660
 Ion Ratio Lower Upper
 101 100
 85 44.0 32.9 49.3
 151 70.4 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 4.360 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26

Tgt Ion: 96 Resp: 85978
 Ion Ratio Lower Upper
 96 100
 61 168.3 106.1 197.1
 63 120.4 76.4 141.8





#13

Acetone

Concen: 55.912 ug/L

RT: 2.182 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

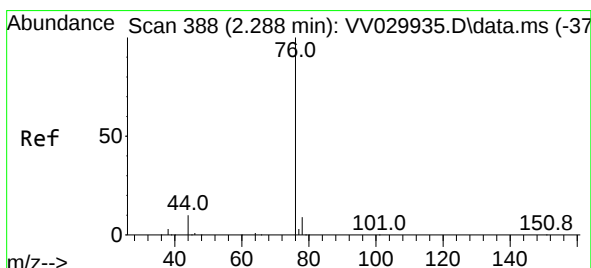
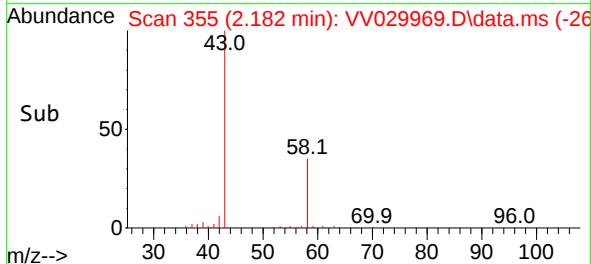
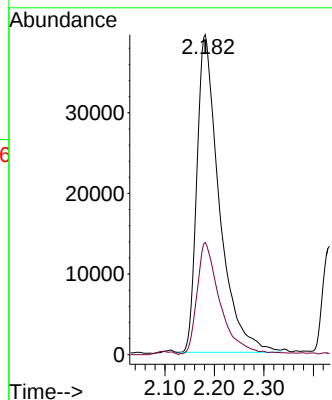
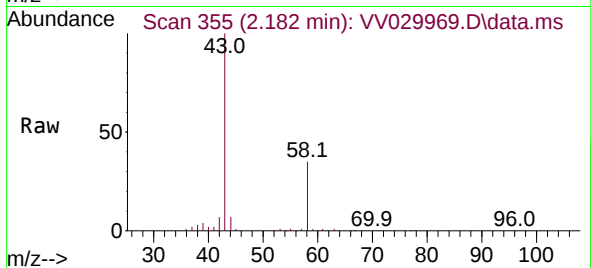
ClientSampleId :

Tgt Ion: 43 Resp: 123887

Ion Ratio Lower Upper

43 100

58 36.0 0.0 68.8



#14

Carbon disulfide

Concen: 4.481 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV029969.D

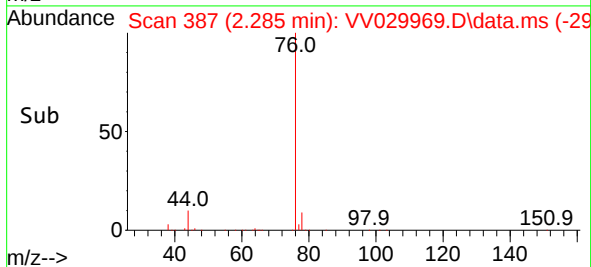
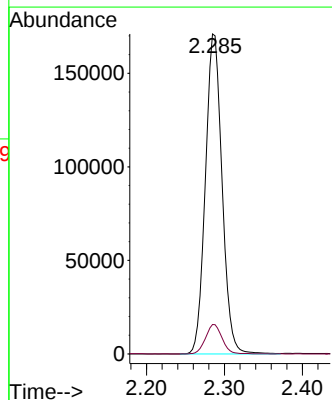
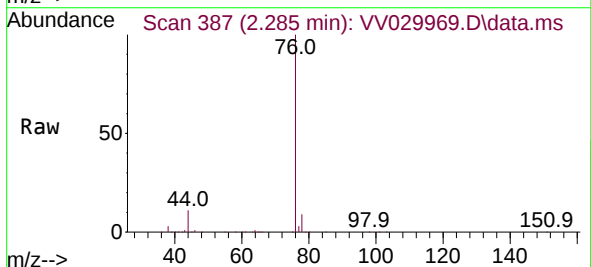
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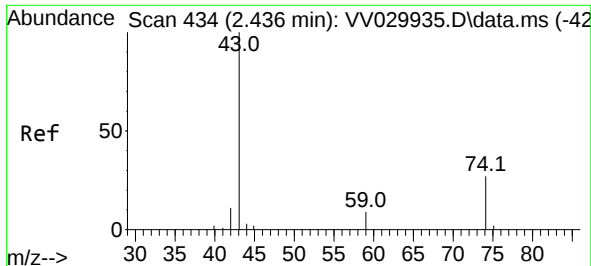
Tgt Ion: 76 Resp: 254377

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 5.180 ug/L

RT: 2.433 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

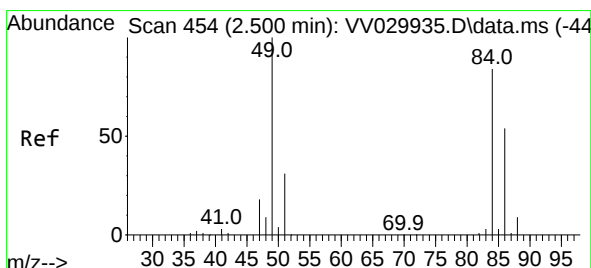
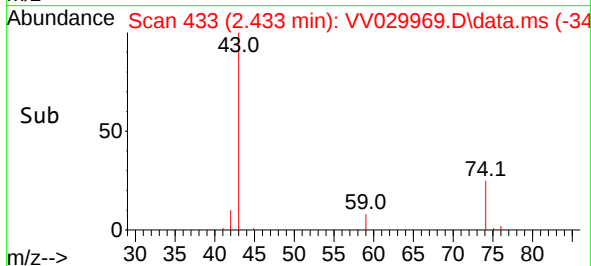
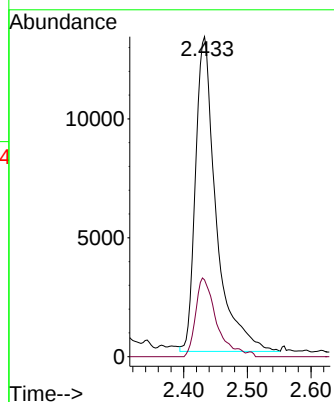
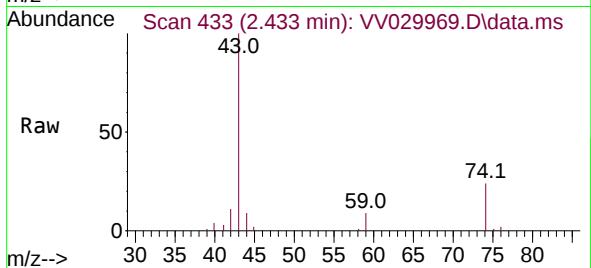
ClientSampleId :

Tgt Ion: 43 Resp: 29888

Ion Ratio Lower Upper

43 100

74 24.8 23.4 35.0



#16

Methylene chloride

Concen: 4.850 ug/L

RT: 2.497 min Scan# 453

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

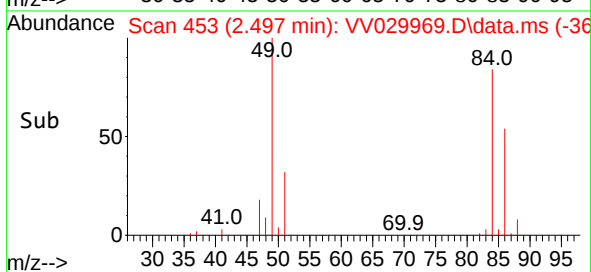
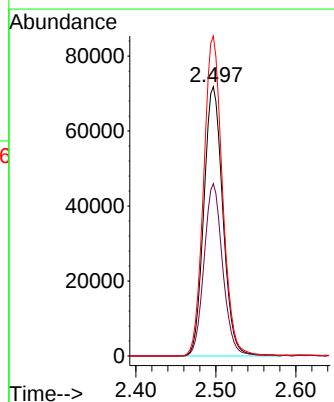
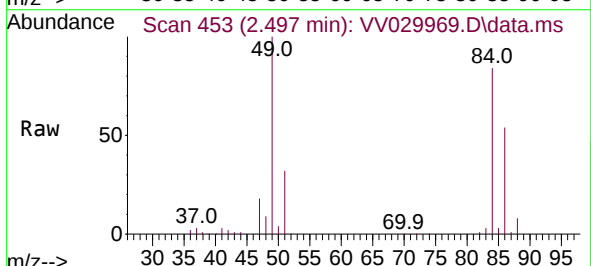
Tgt Ion: 84 Resp: 118807

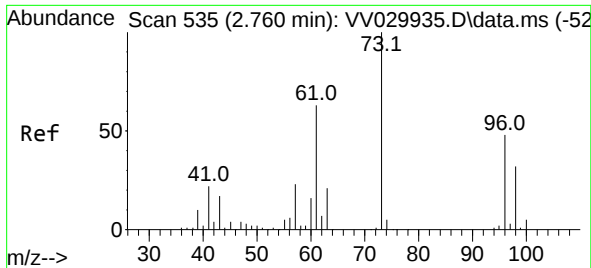
Ion Ratio Lower Upper

84 100

86 64.0 45.0 83.6

49 118.8 71.5 132.7

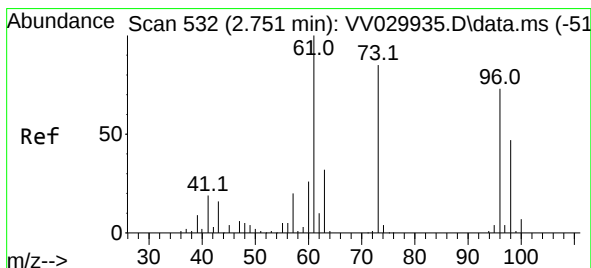
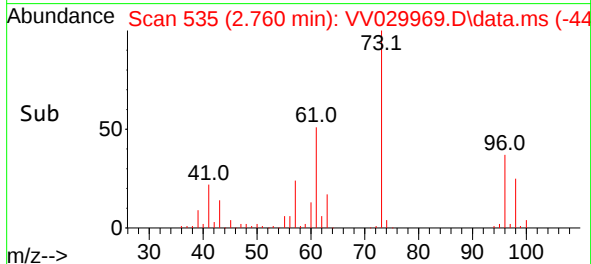
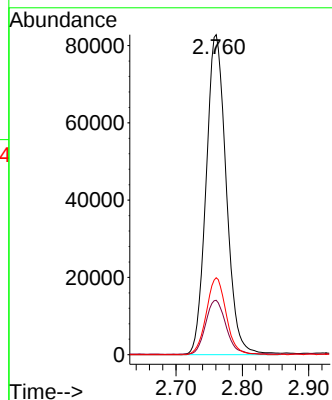
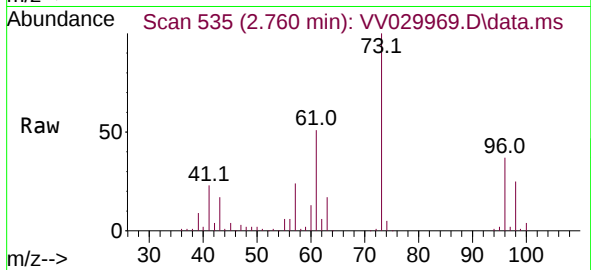




#17
Methyl tert-butyl Ether
Concen: 5.126 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

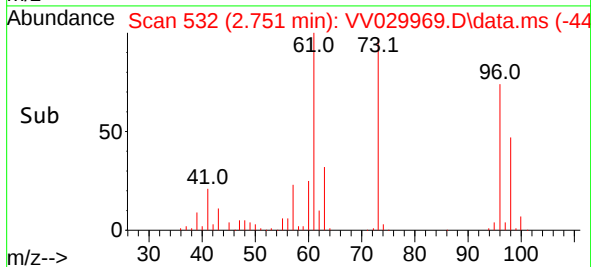
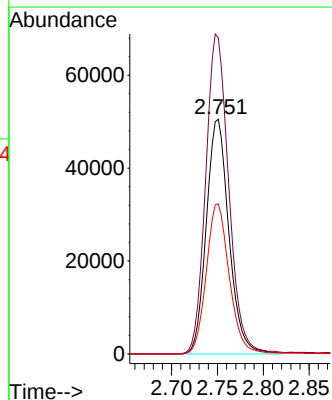
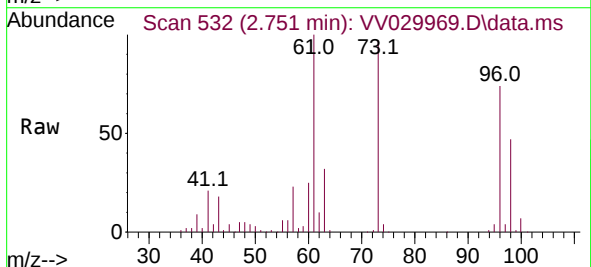
Instrument :
MSVOA_V
ClientSampleId :

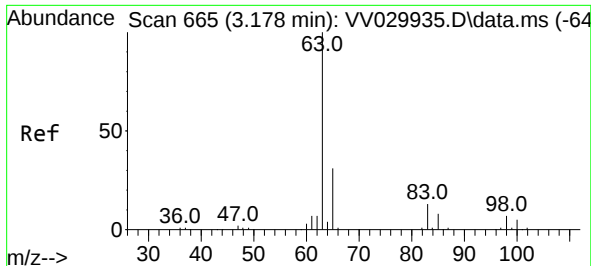
Tgt Ion: 73 Resp: 174757
Ion Ratio Lower Upper
73 100
43 17.1 13.0 19.4
57 23.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.729 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Tgt Ion: 96 Resp: 86688
Ion Ratio Lower Upper
96 100
61 134.7 86.1 159.9
98 64.0 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.468 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

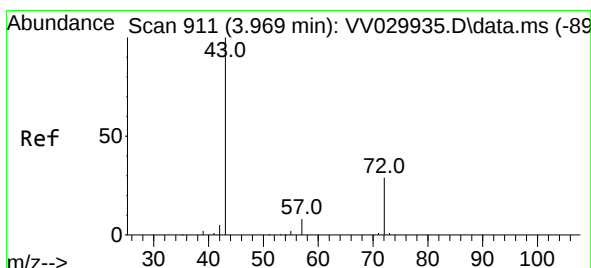
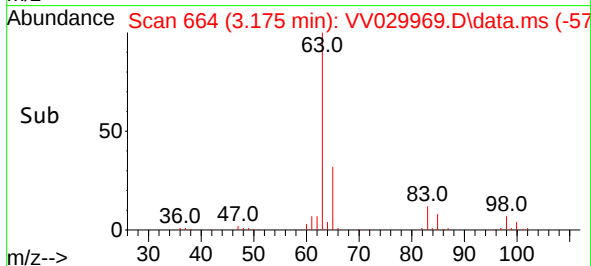
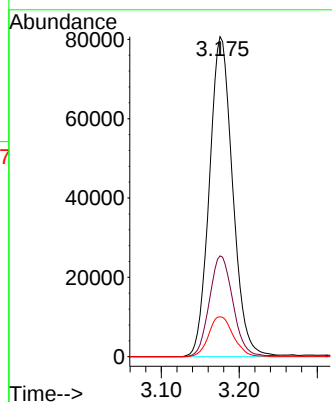
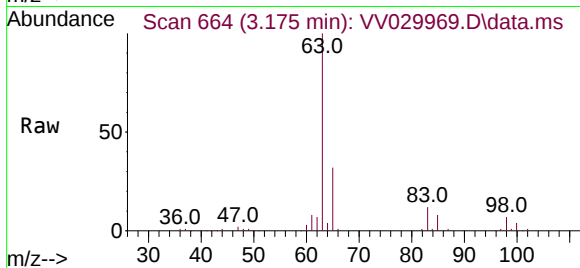
Tgt Ion: 63 Resp: 167660

Ion Ratio Lower Upper

63 100

65 31.5 22.4 41.6

83 12.5 10.2 19.0



#21

2-Butanone

Concen: 57.270 ug/L

RT: 3.969 min Scan# 911

Delta R.T. 0.003 min

Lab File: VV029969.D

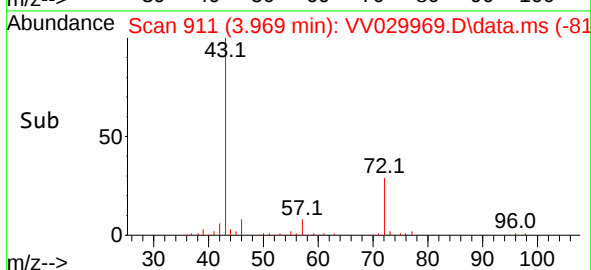
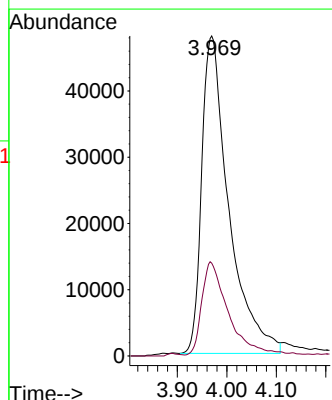
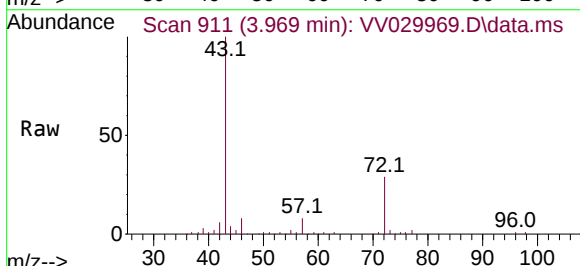
Acq: 27 Jan 2023 10:26

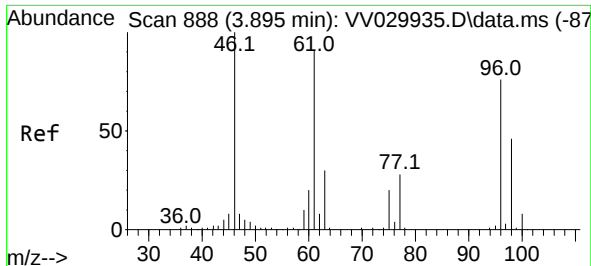
Tgt Ion: 43 Resp: 181793

Ion Ratio Lower Upper

43 100

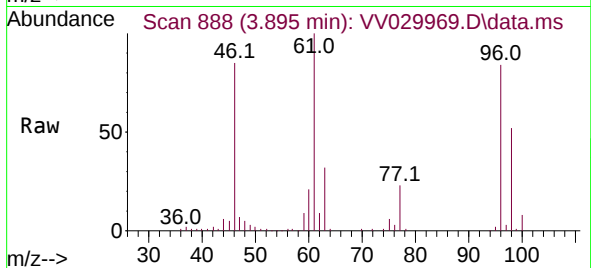
72 28.8 13.9 41.6



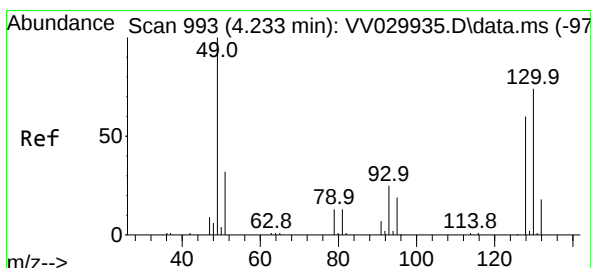
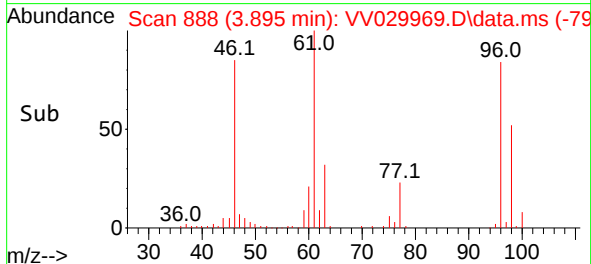
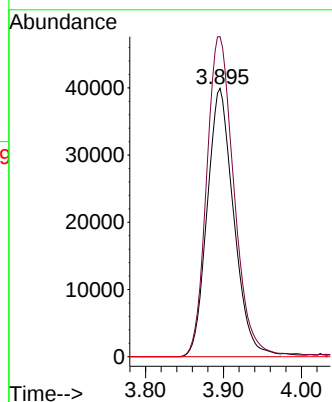


#22
 cis-1,2-Dichloroethene
 Concen: 4.838 ug/L
 RT: 3.895 min Scan# 888
 Delta R.T. -0.003 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26

Instrument :
 MSVOA_V
 ClientSampleId :

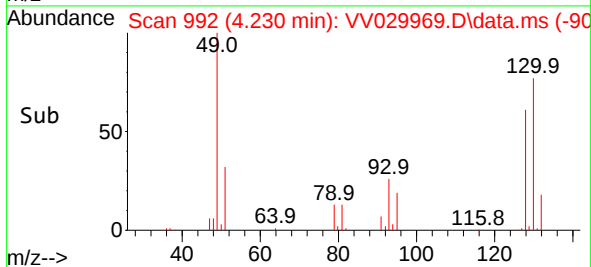
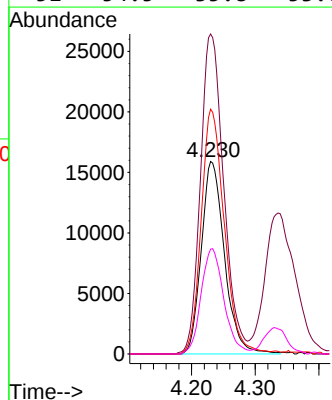
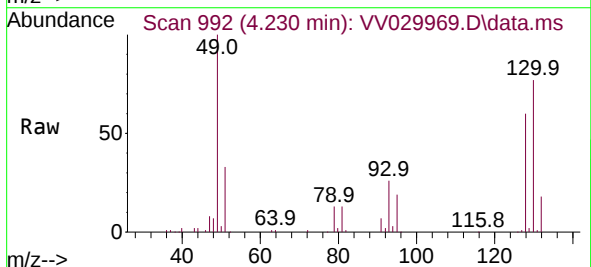


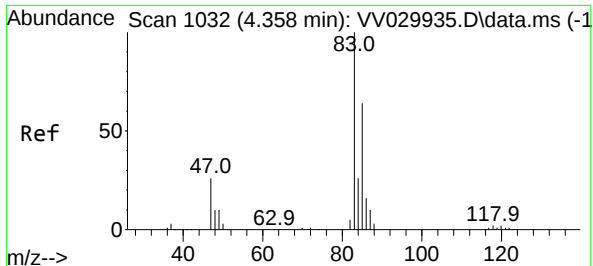
Tgt Ion: 96 Resp: 94494
 Ion Ratio Lower Upper
 96 100
 61 119.3 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.983 ug/L
 RT: 4.230 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26

Tgt Ion: 128 Resp: 40191
 Ion Ratio Lower Upper
 128 100
 49 166.2 91.2 169.4
 130 127.2 87.0 161.6
 51 54.5 35.8 53.6#





#25

Chloroform

Concen: 4.934 ug/L

RT: 4.358 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

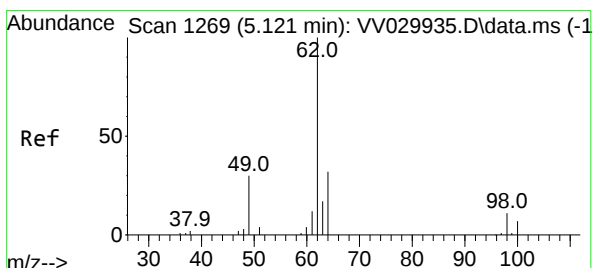
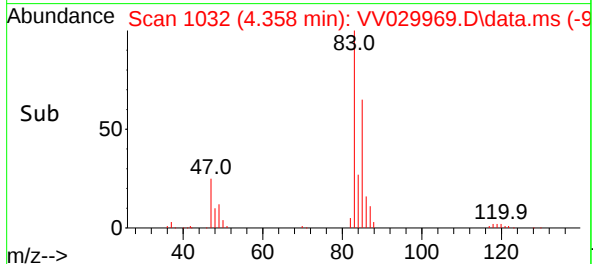
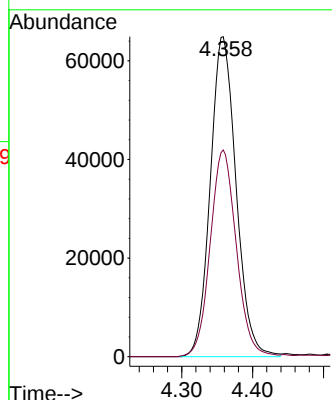
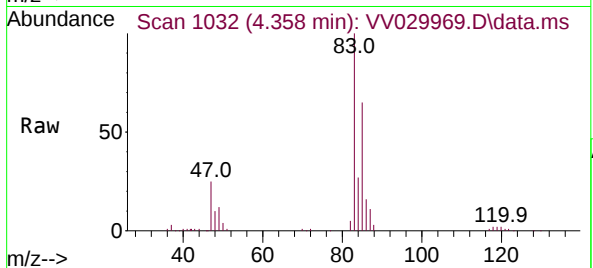
ClientSampleId :

Tgt Ion: 83 Resp: 164455

Ion Ratio Lower Upper

83 100

85 64.6 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.297 ug/L

RT: 5.117 min Scan# 1268

Delta R.T. -0.003 min

Lab File: VV029969.D

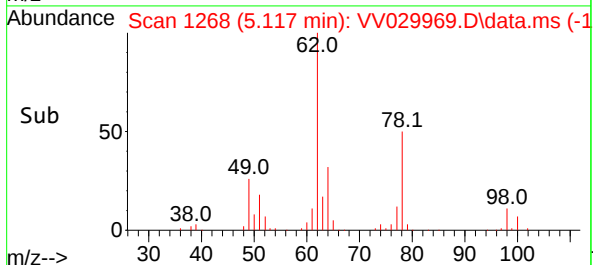
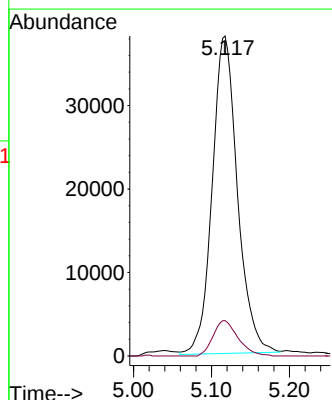
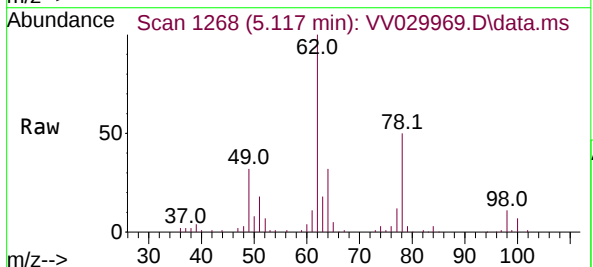
Acq: 27 Jan 2023 10:26

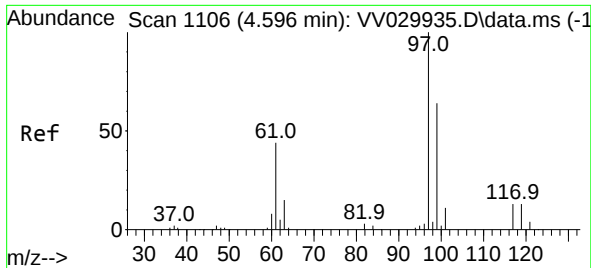
Tgt Ion: 62 Resp: 85773

Ion Ratio Lower Upper

62 100

98 11.1 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 4.933 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

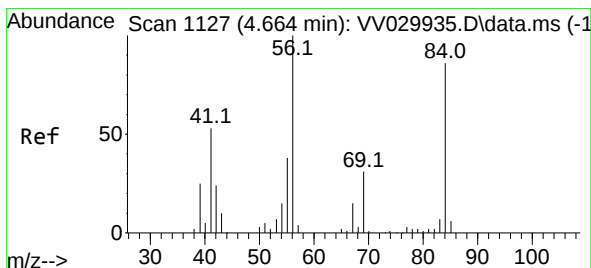
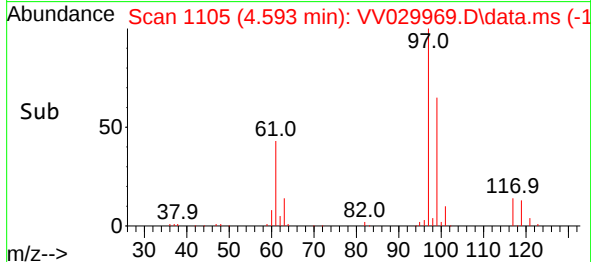
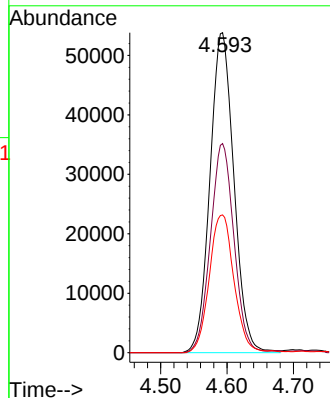
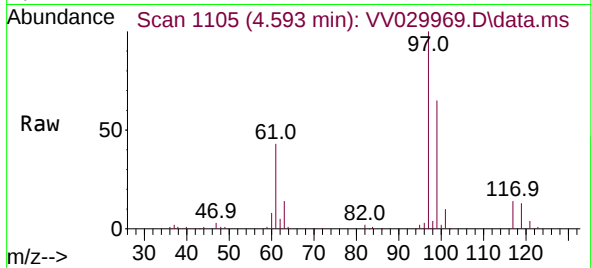
Tgt Ion: 97 Resp: 135037

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 44.3 31.6 47.4



#30

Cyclohexane

Concen: 5.338 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

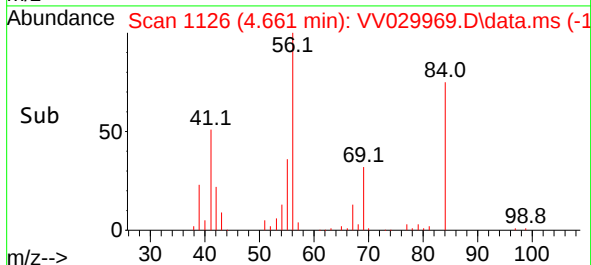
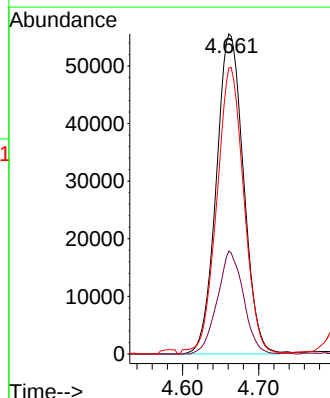
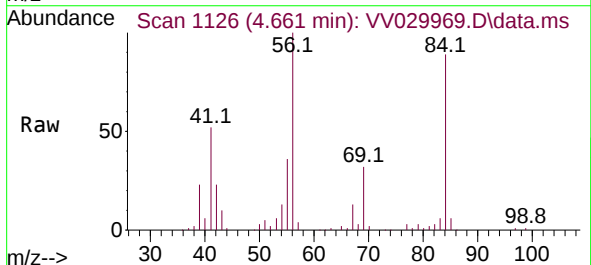
Tgt Ion: 56 Resp: 138353

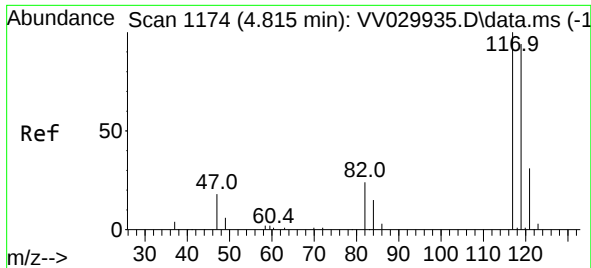
Ion Ratio Lower Upper

56 100

69 30.8 26.7 40.1

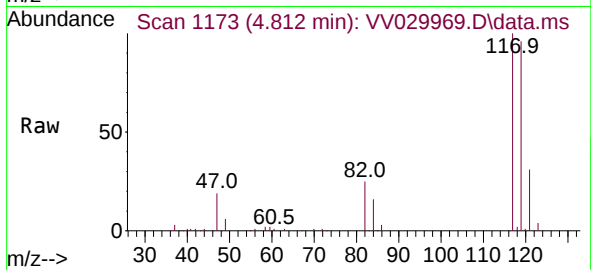
84 89.1 73.8 110.8



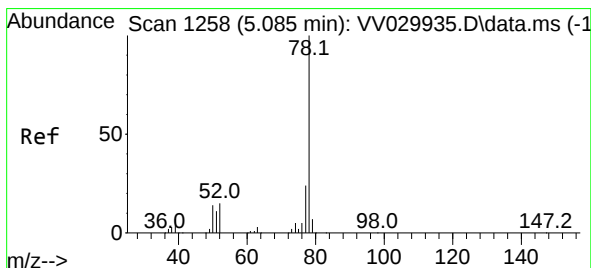
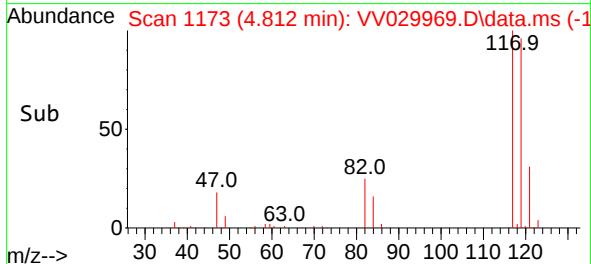
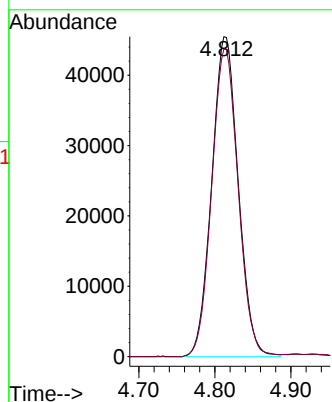


#31
Carbon tetrachloride
Concen: 4.621 ug/L
RT: 4.812 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Instrument : MSVOA_V
ClientSampleId :

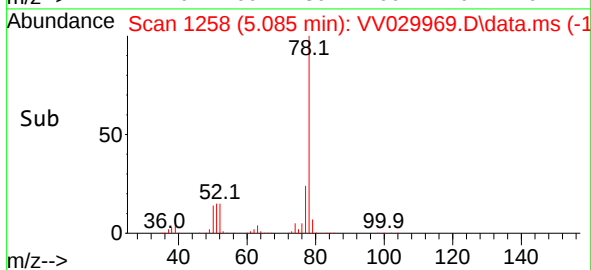
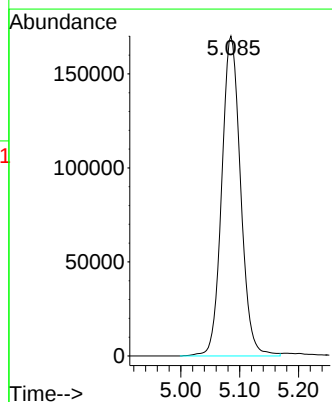
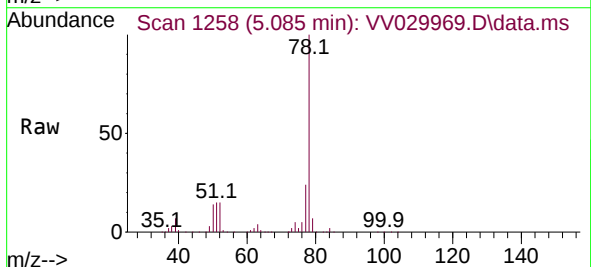


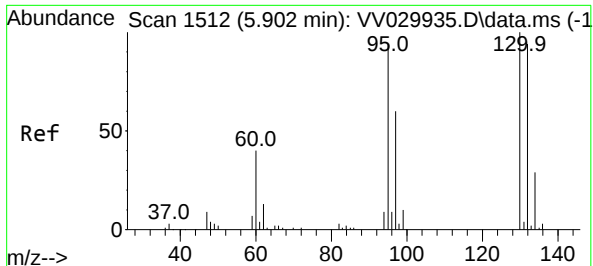
Tgt Ion:117 Resp: 110079
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8



#33
Benzene
Concen: 5.437 ug/L
RT: 5.085 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Tgt Ion: 78 Resp: 378971





#34

Trichloroethene

Concen: 5.061 ug/L

RT: 5.899 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 89412

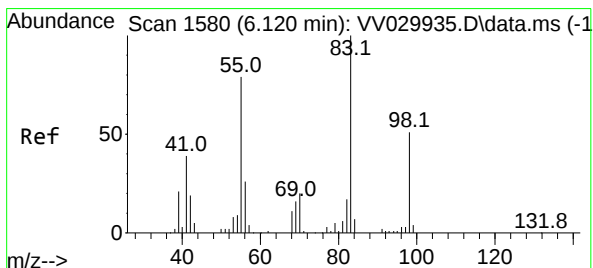
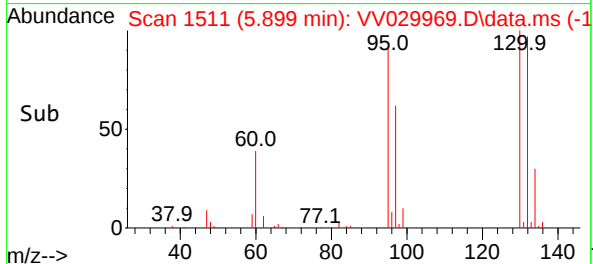
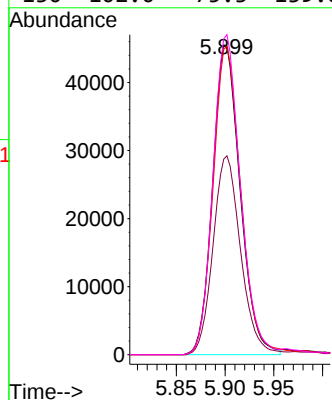
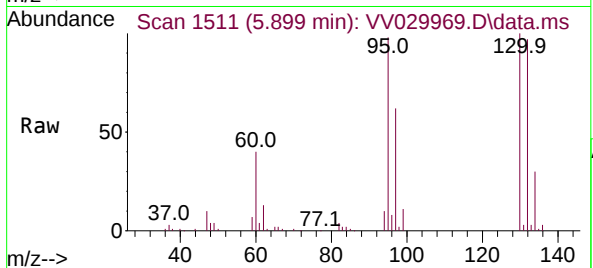
Ion Ratio Lower Upper

95 100

97 63.1 44.9 83.3

132 98.5 71.8 133.4

130 102.0 75.3 139.8



#35

Methylcyclohexane

Concen: 4.991 ug/L

RT: 6.117 min Scan# 1579

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

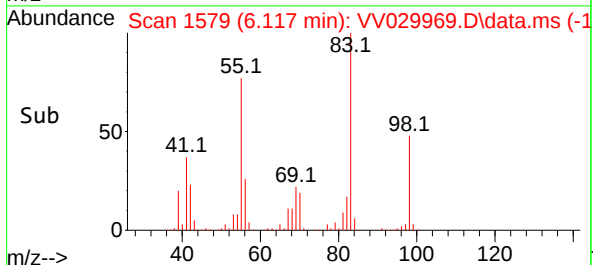
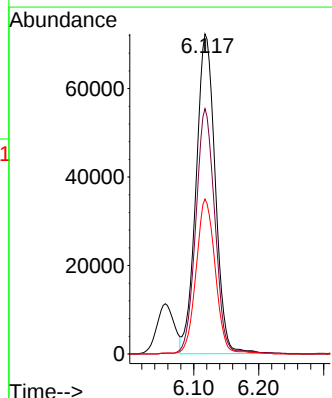
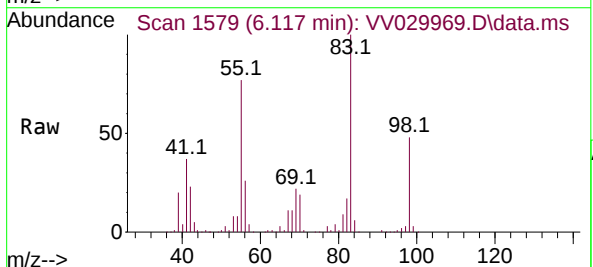
Tgt Ion: 83 Resp: 148846

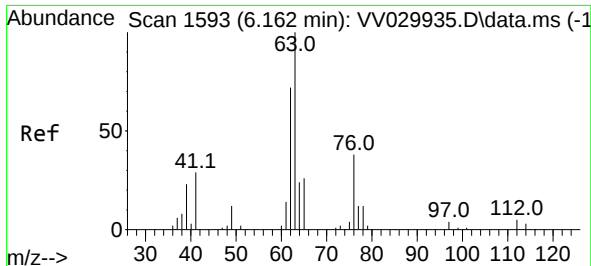
Ion Ratio Lower Upper

83 100

55 76.6 57.3 85.9

98 48.6 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.842 ug/L

RT: 6.159 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

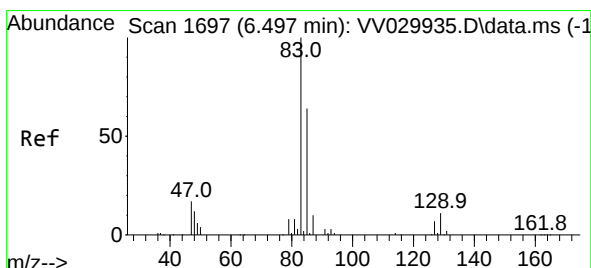
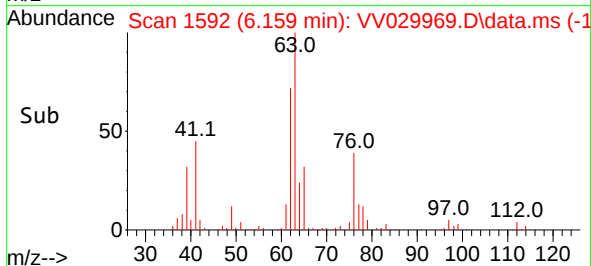
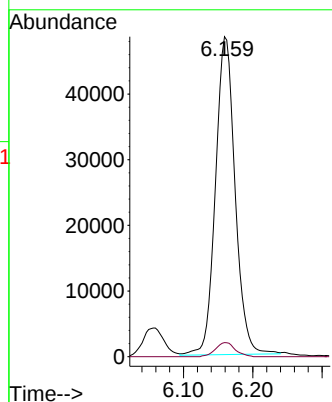
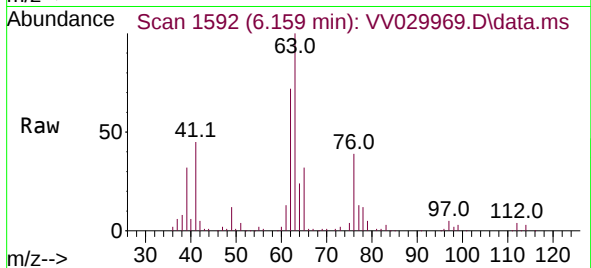
ClientSampleId :

Tgt Ion: 63 Resp: 95360

Ion Ratio Lower Upper

63 100

112 4.4 3.9 5.9



#38

Bromodichloromethane

Concen: 5.297 ug/L

RT: 6.497 min Scan# 1697

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

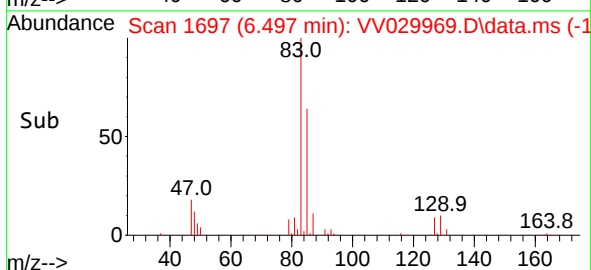
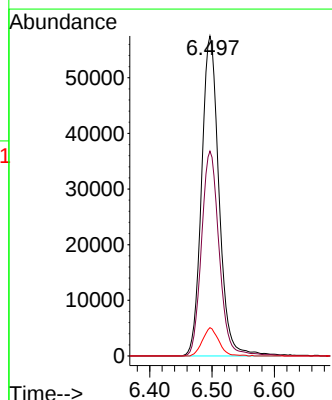
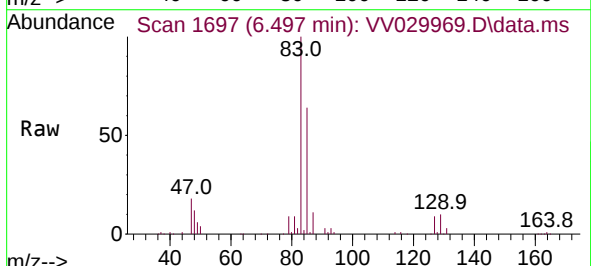
Tgt Ion: 83 Resp: 111837

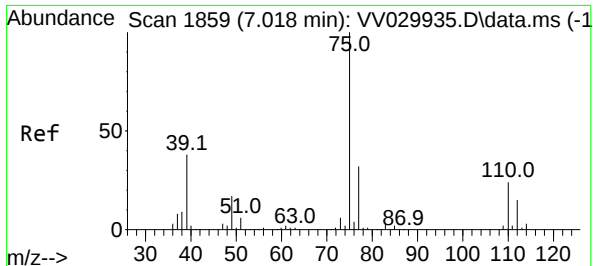
Ion Ratio Lower Upper

83 100

85 64.0 43.2 80.2

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.570 ug/L

RT: 7.014 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

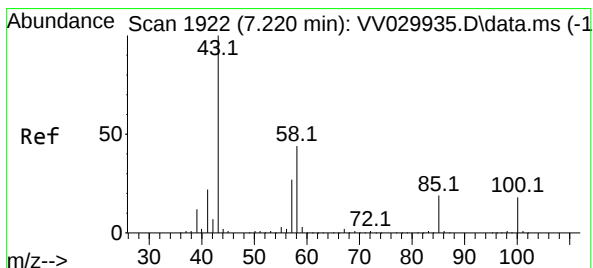
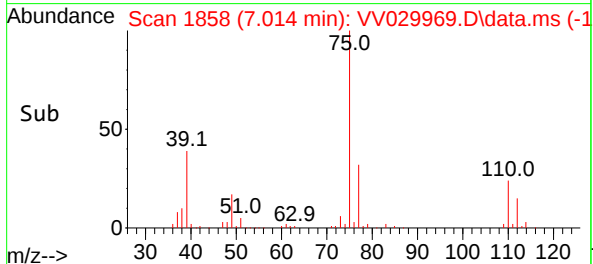
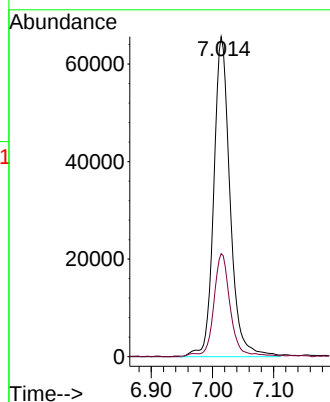
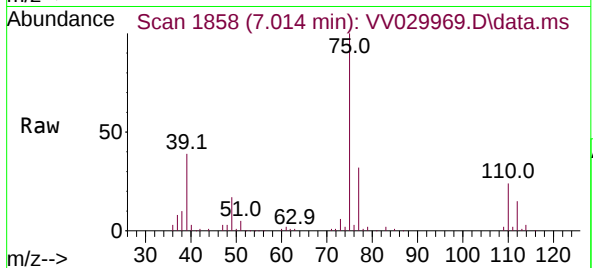
ClientSampleId :

Tgt Ion: 75 Resp: 121932

Ion Ratio Lower Upper

75 100

77 32.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 63.730 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

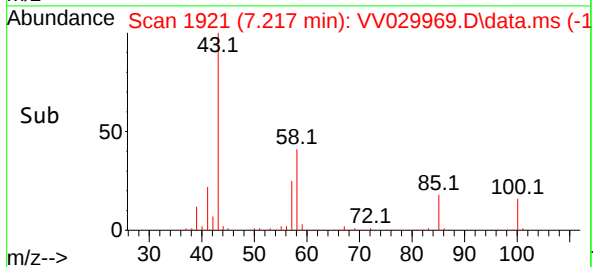
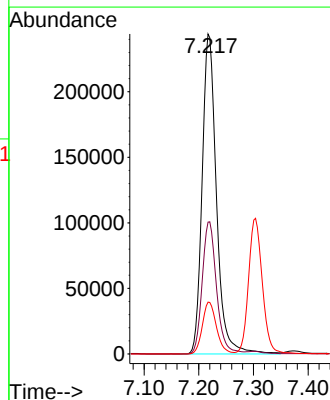
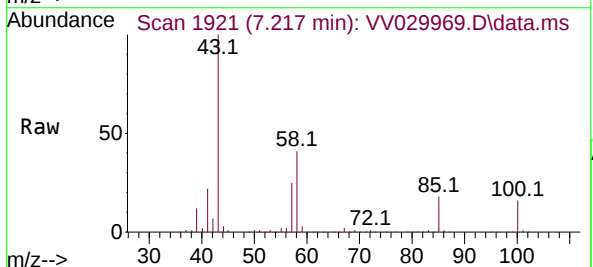
Tgt Ion: 43 Resp: 443965

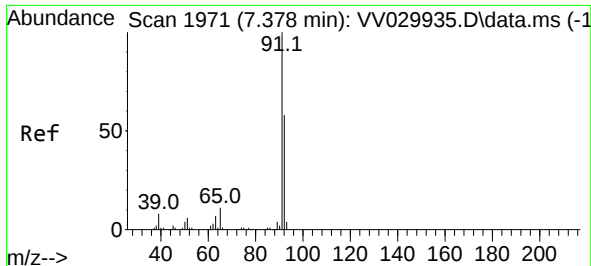
Ion Ratio Lower Upper

43 100

58 41.2 36.7 55.1

100 16.0 15.6 23.4





#42

Toluene

Concen: 5.114 ug/L

RT: 7.374 min Scan# 1971

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

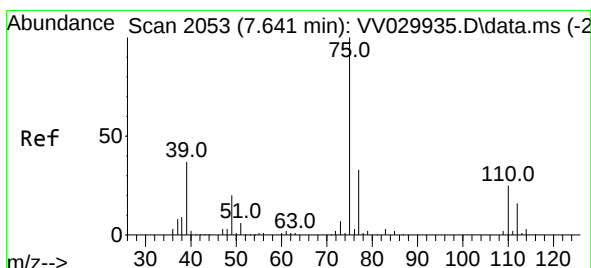
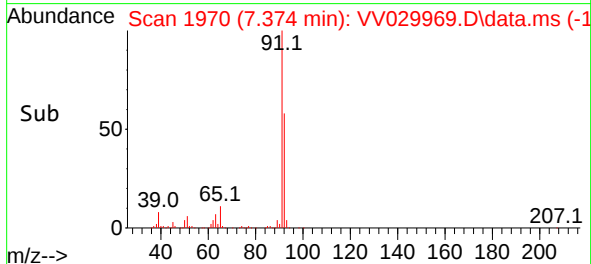
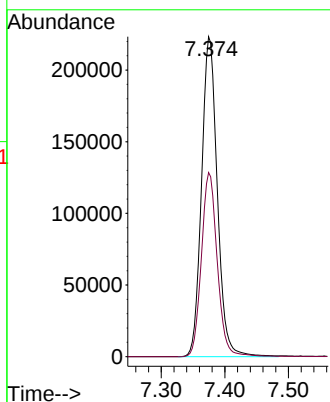
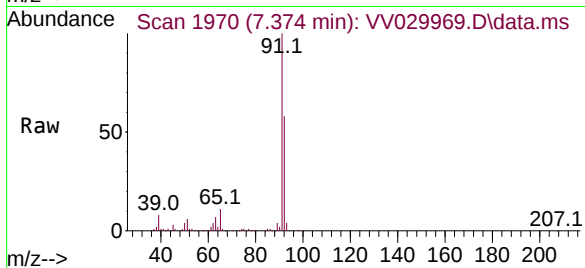
ClientSampleId :

Tgt Ion: 91 Resp: 384470

Ion Ratio Lower Upper

91 100

92 57.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.646 ug/L

RT: 7.638 min Scan# 2052

Delta R.T. -0.003 min

Lab File: VV029969.D

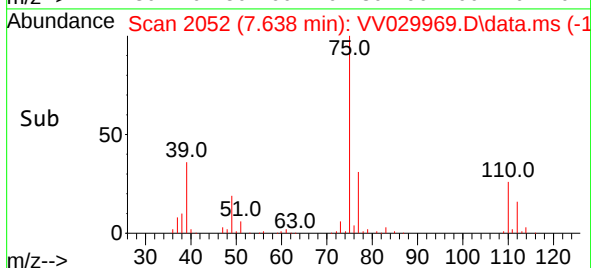
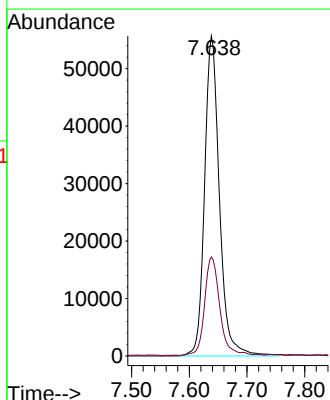
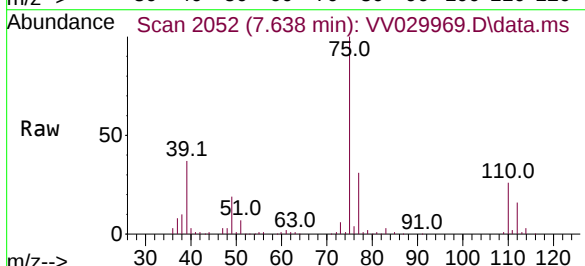
Acq: 27 Jan 2023 10:26

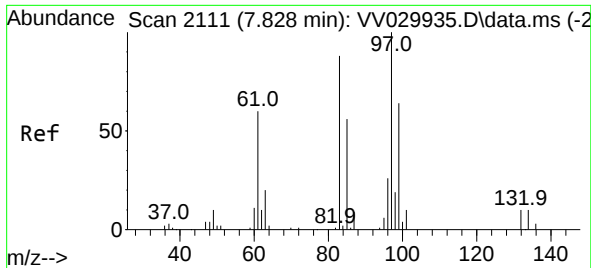
Tgt Ion: 75 Resp: 99596

Ion Ratio Lower Upper

75 100

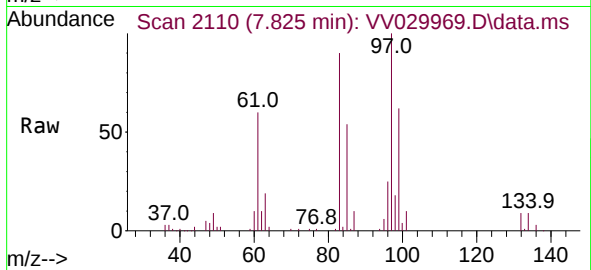
77 30.9 21.9 40.7



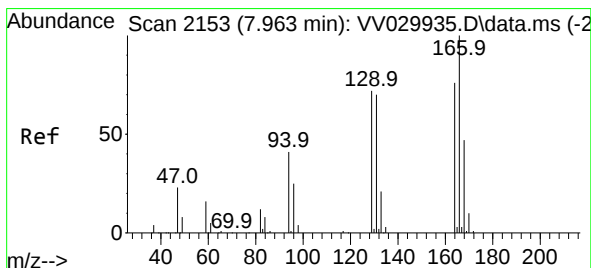
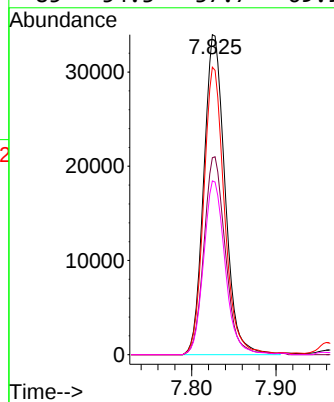
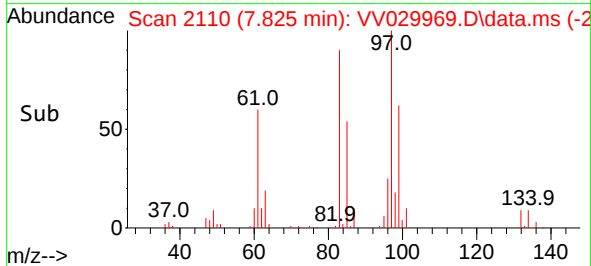


#45
1,1,2-Trichloroethane
Concen: 5.077 ug/L
RT: 7.825 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

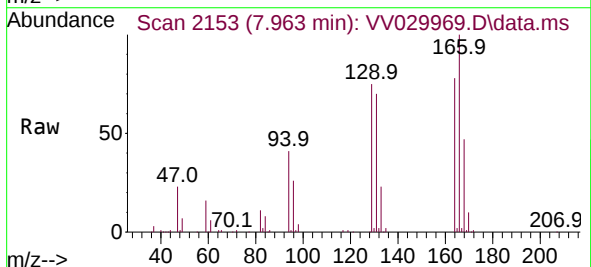
Instrument :
MSVOA_V
ClientSampleId :



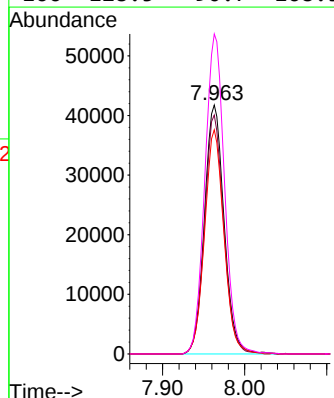
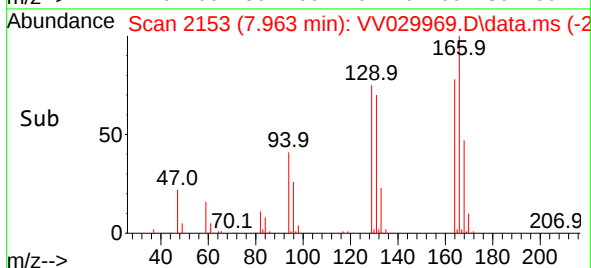
Tgt Ion:	97	Resp:	59709
Ion	Ratio	Lower	Upper
97	100		
99	61.6	41.9	77.7
83	89.8	58.7	109.1
85	54.3	37.7	69.9

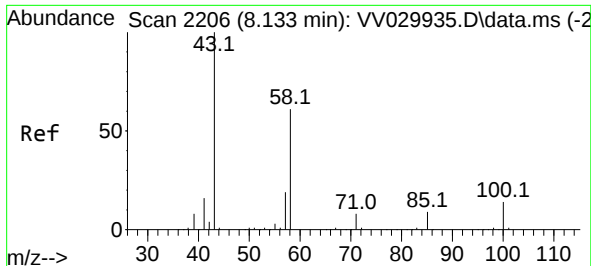


#47
Tetrachloroethene
Concen: 4.675 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26



Tgt Ion:	164	Resp:	69533
Ion	Ratio	Lower	Upper
164	100		
129	95.9	64.5	119.7
131	90.0	62.9	116.7
166	128.5	90.7	168.5

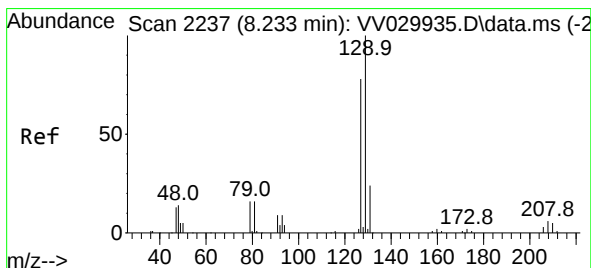
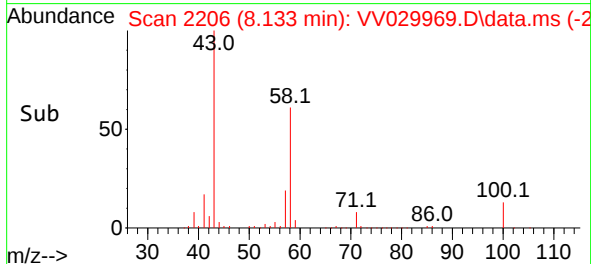
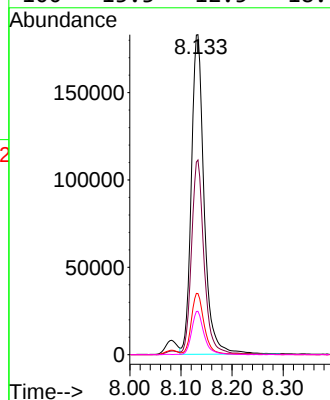
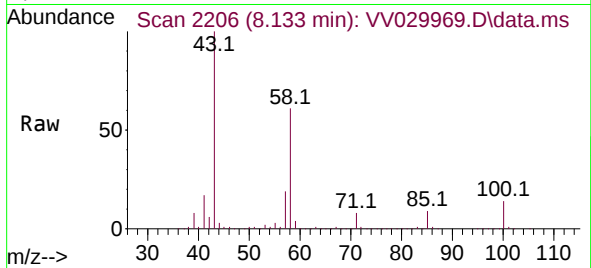




#48
2-Hexanone
Concen: 63.761 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

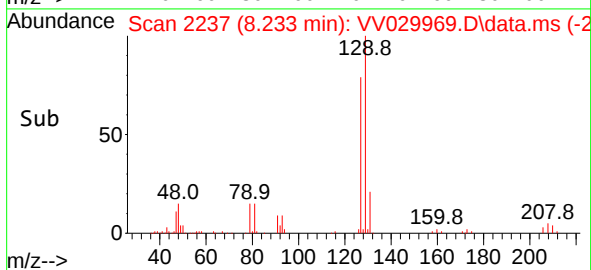
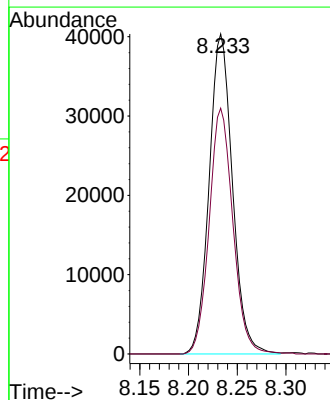
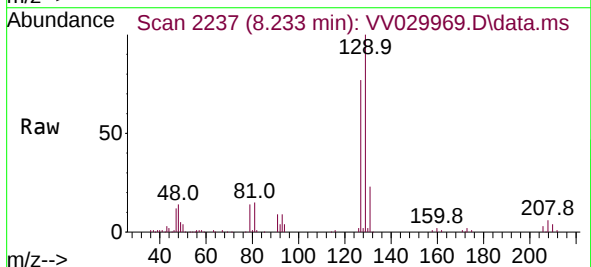
Instrument :
MSVOA_V
ClientSampleId :

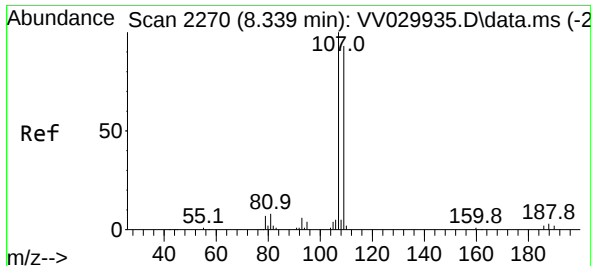
Tgt Ion: 43 Resp: 317482
Ion Ratio Lower Upper
43 100
58 59.2 51.4 77.2
57 19.3 17.0 25.6
100 13.3 12.5 18.7



#49
Dibromochloromethane
Concen: 4.867 ug/L
RT: 8.233 min Scan# 2237
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Tgt Ion: 129 Resp: 67174
Ion Ratio Lower Upper
129 100
127 76.8 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.114 ug/L

RT: 8.339 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029969.D

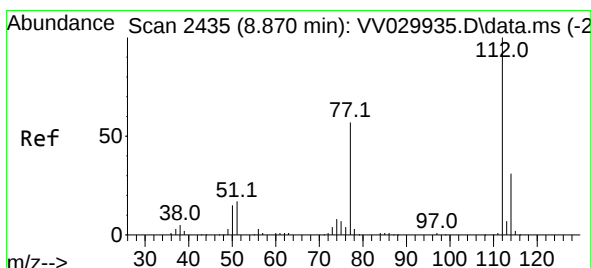
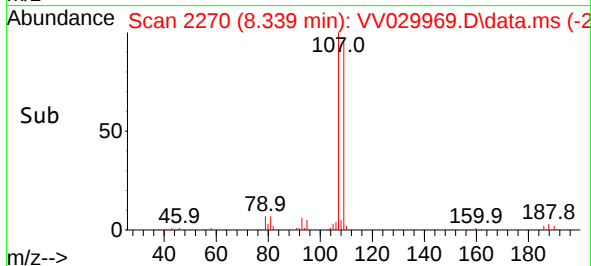
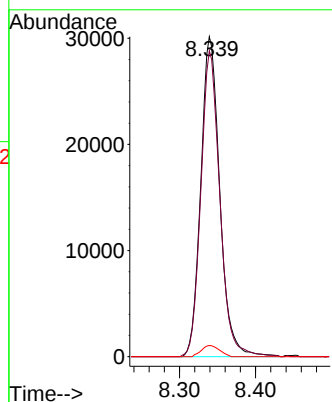
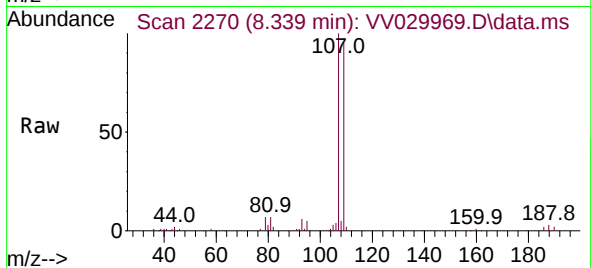
Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	52211
Ion	Ratio	Lower Upper
107	100	
109	95.6	66.1 122.7
188	3.5	2.9 4.3



#51

Chlorobenzene

Concen: 4.992 ug/L

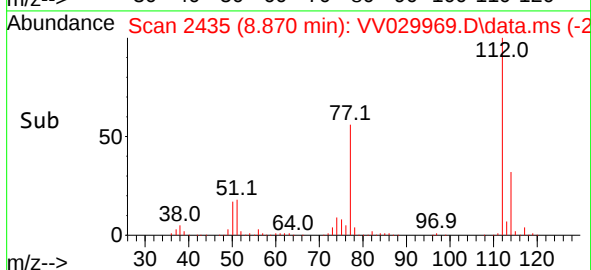
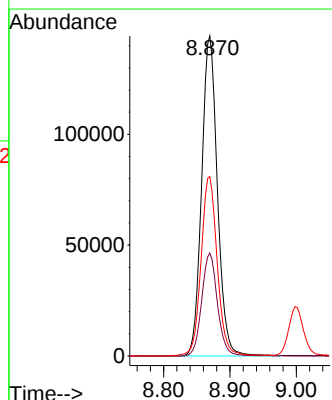
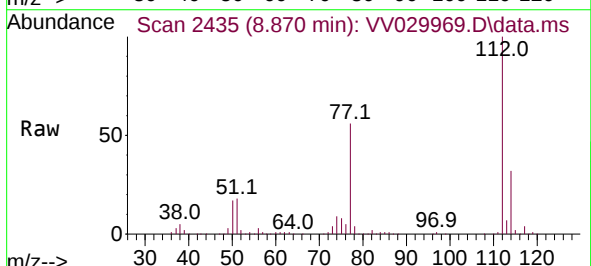
RT: 8.870 min Scan# 2435

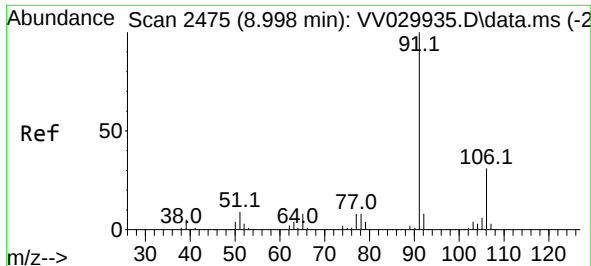
Delta R.T. 0.000 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Tgt Ion:112	Resp:	238296
Ion	Ratio	Lower Upper
112	100	
114	32.2	22.5 41.9
77	56.0	46.1 69.1





#52

Ethylbenzene

Concen: 4.930 ug/L

RT: 8.998 min Scan# 2475

Delta R.T. -0.003 min

Lab File: VV029969.D

Acq: 27 Jan 2023 10:26

Instrument :

MSVOA_V

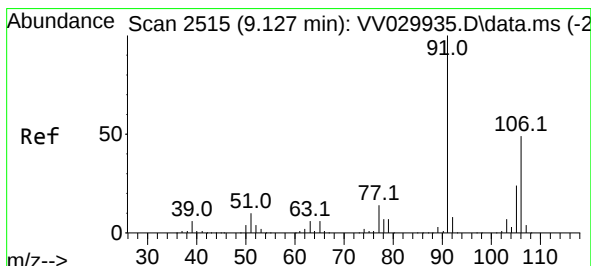
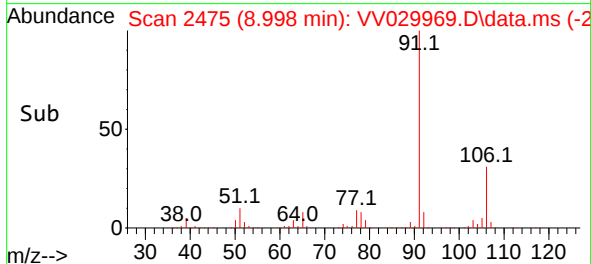
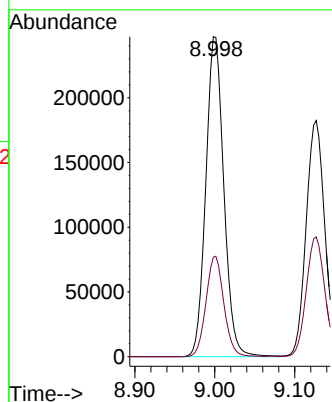
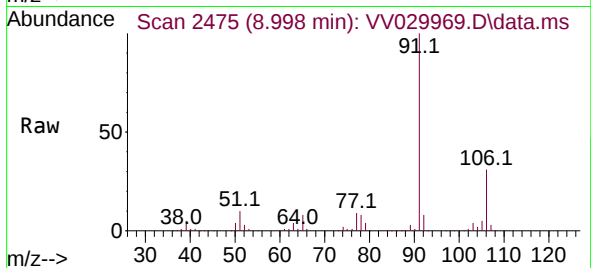
ClientSampleId :

Tgt Ion: 91 Resp: 387914

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-Xylene

Concen: 4.849 ug/L

RT: 9.127 min Scan# 2515

Delta R.T. 0.000 min

Lab File: VV029969.D

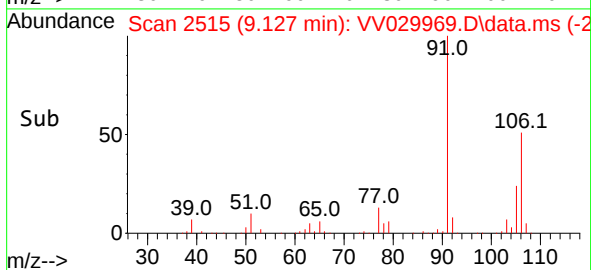
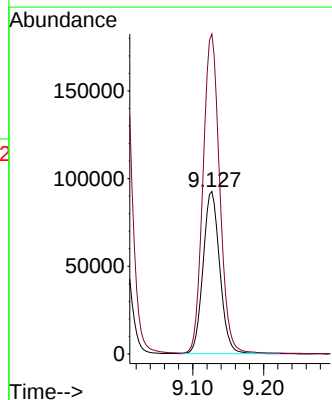
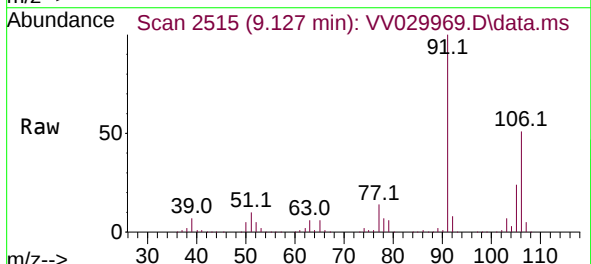
Acq: 27 Jan 2023 10:26

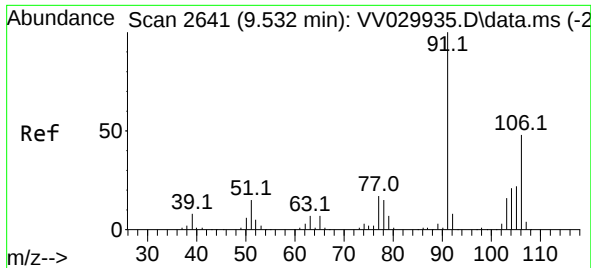
Tgt Ion:106 Resp: 151006

Ion Ratio Lower Upper

106 100

91 197.0 138.7 257.7

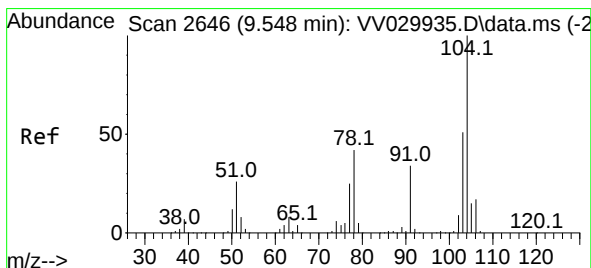
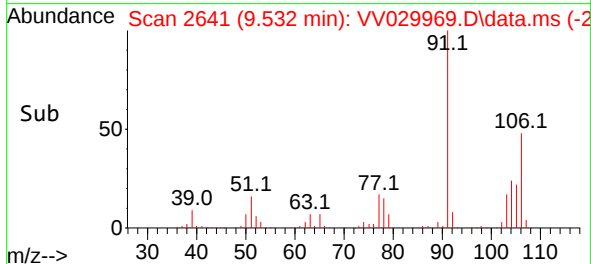
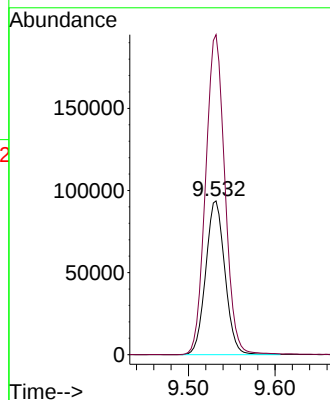
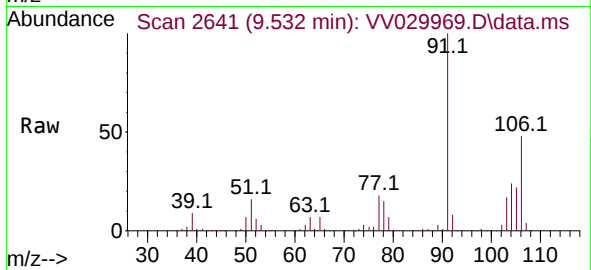




#54
o-Xylene
Concen: 4.888 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

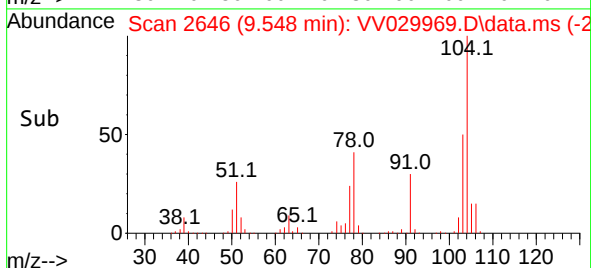
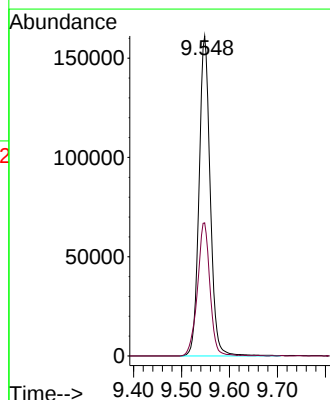
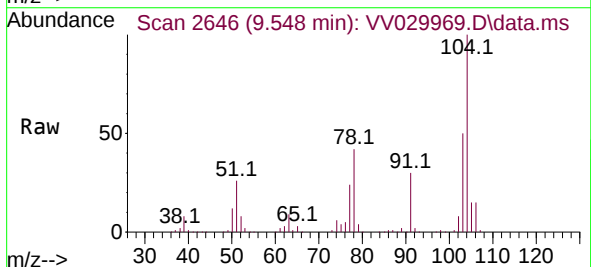
Instrument :
MSVOA_V
ClientSampleId :

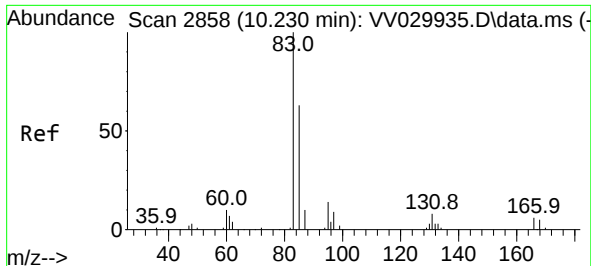
Tgt Ion:106 Resp: 144482
Ion Ratio Lower Upper
106 100
91 208.1 147.7 274.3



#55
Styrene
Concen: 5.132 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Tgt Ion:104 Resp: 260880
Ion Ratio Lower Upper
104 100
78 41.6 28.6 53.2

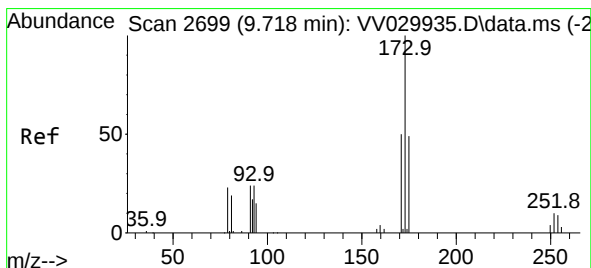
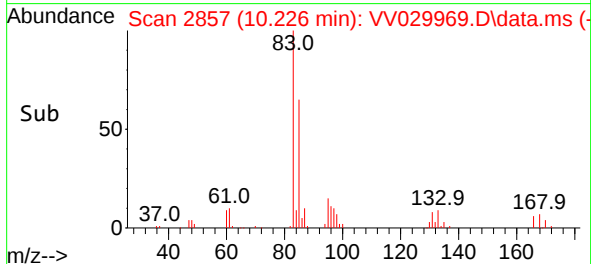
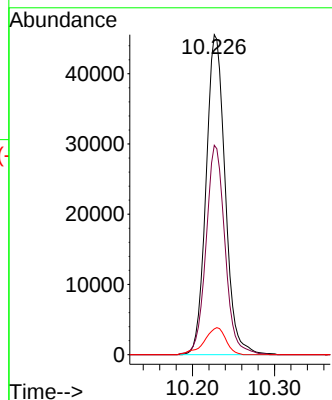
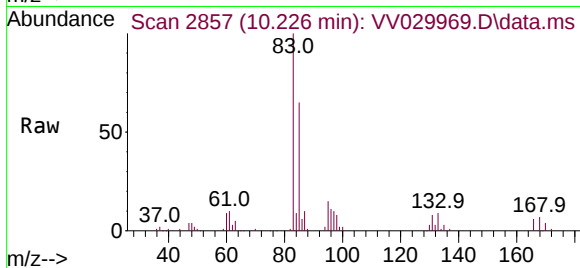




#57
1,1,2,2-Tetrachloroethane
Concen: 5.633 ug/L
RT: 10.226 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

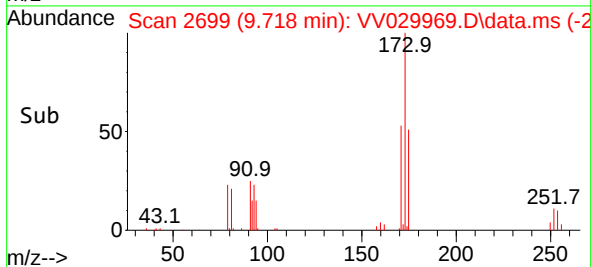
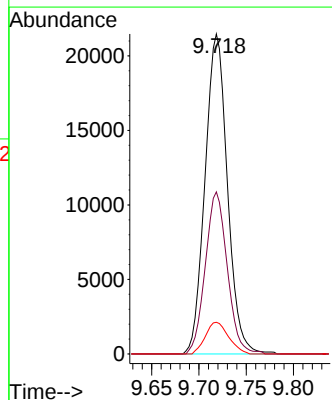
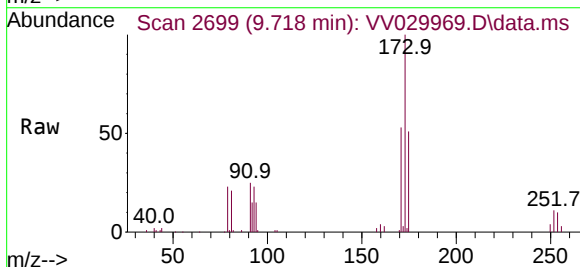
Instrument :
MSVOA_V
ClientSampleId :

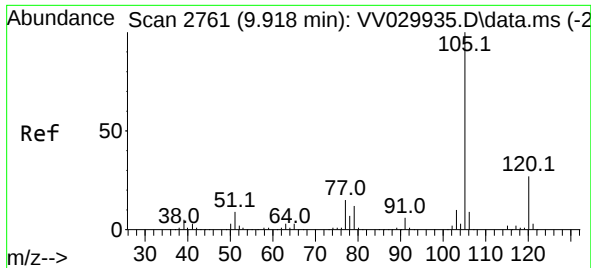
Tgt Ion: 83 Resp: 73593
Ion Ratio Lower Upper
83 100
85 65.5 46.0 85.4
131 8.0 8.4 12.6#



#59
Bromoform
Concen: 4.623 ug/L
RT: 9.718 min Scan# 2699
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Tgt Ion: 173 Resp: 35364
Ion Ratio Lower Upper
173 100
175 49.6 38.6 57.8
254 10.3 7.9 11.9

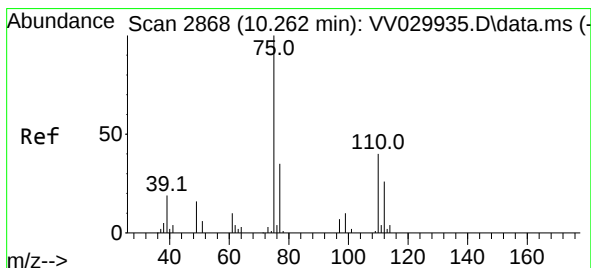
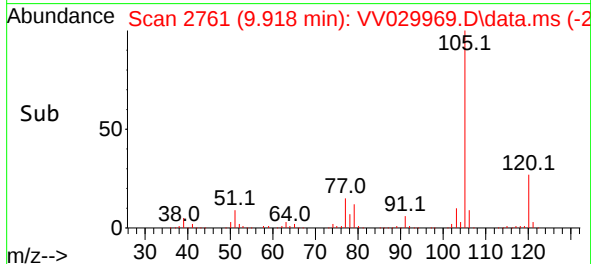
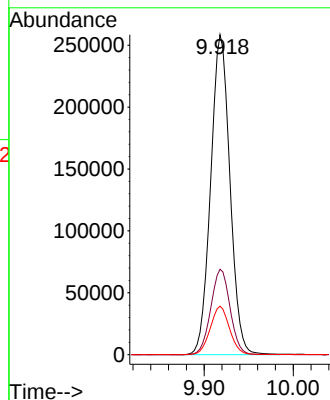
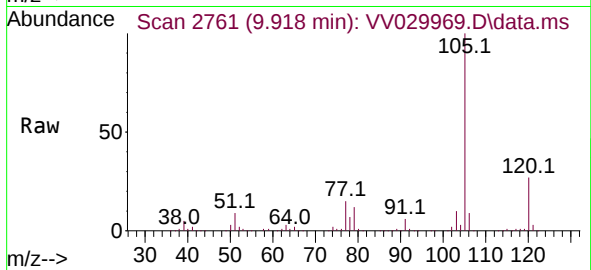




#60
Isopropylbenzene
Concen: 5.141 ug/L
RT: 9.918 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

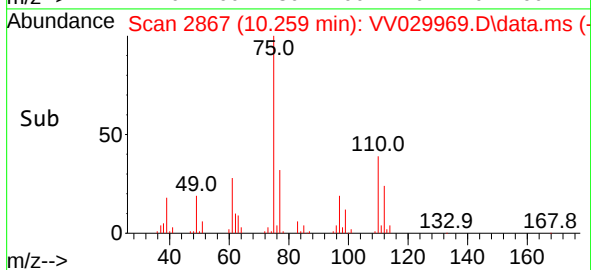
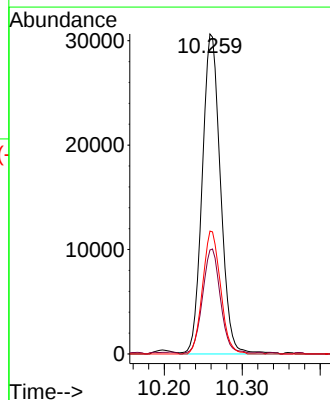
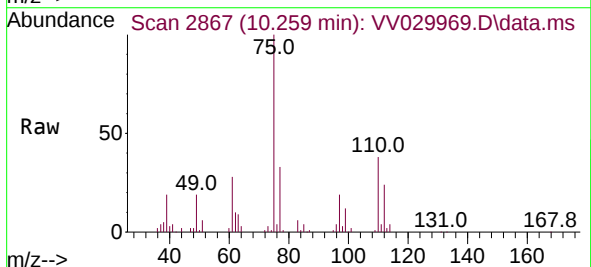
Instrument :
MSVOA_V
ClientSampleId :

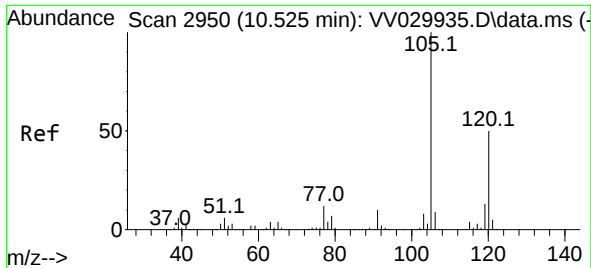
Tgt Ion:105 Resp: 388098
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 15.3 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.710 ug/L
RT: 10.259 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Tgt Ion: 75 Resp: 49936
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7
110 37.5 31.8 47.8

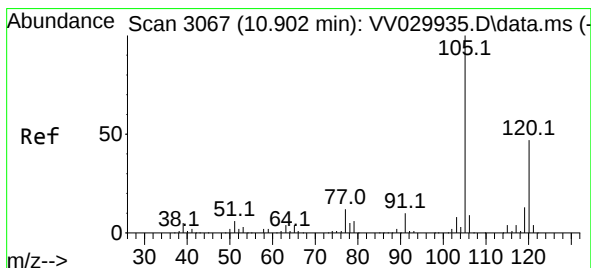
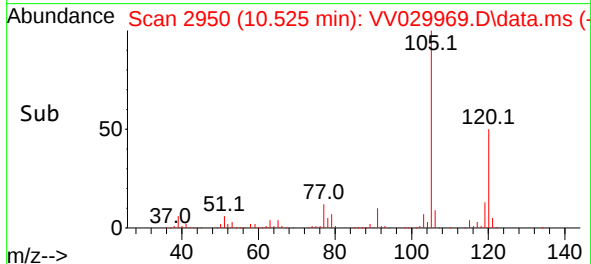
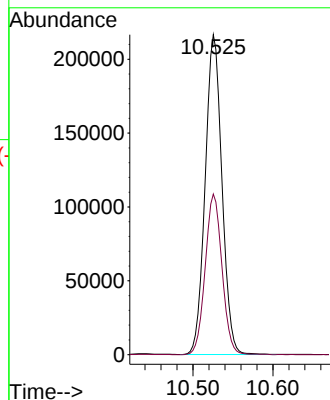
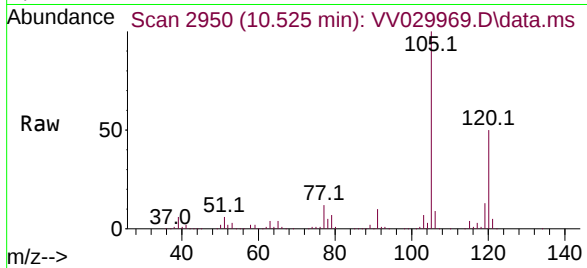




#62
1,3,5-Trimethylbenzene
Concen: 4.893 ug/L
RT: 10.525 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

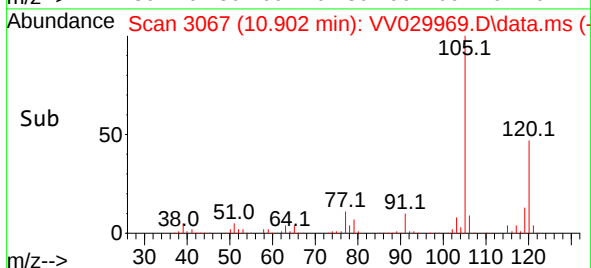
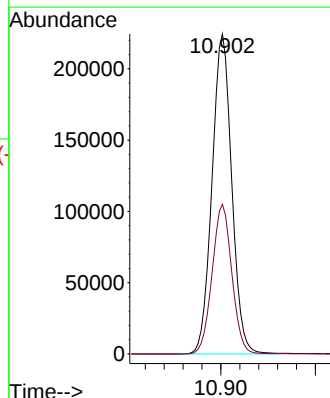
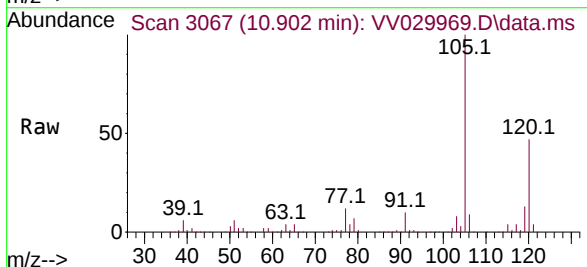
Instrument :
MSVOA_V
ClientSampleId :

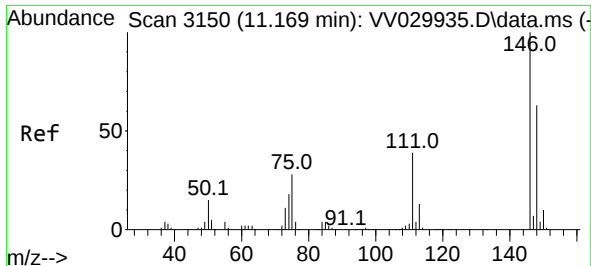
Tgt Ion:105 Resp: 316565
Ion Ratio Lower Upper
105 100
120 50.3 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.037 ug/L
RT: 10.902 min Scan# 3067
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Tgt Ion:105 Resp: 324938
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0

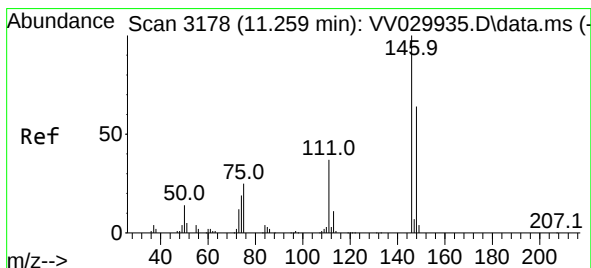
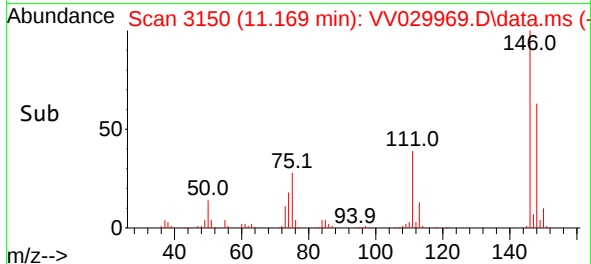
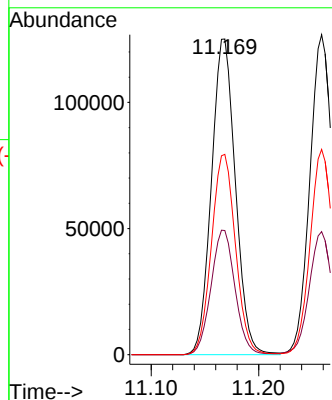
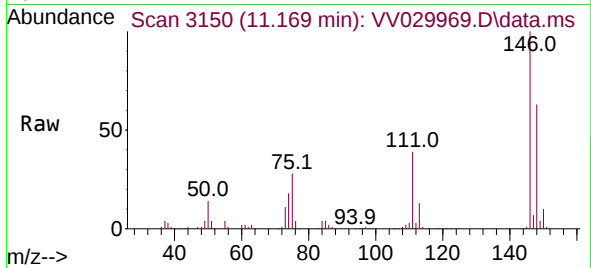




#64
1,3-Dichlorobenzene
Concen: 5.060 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

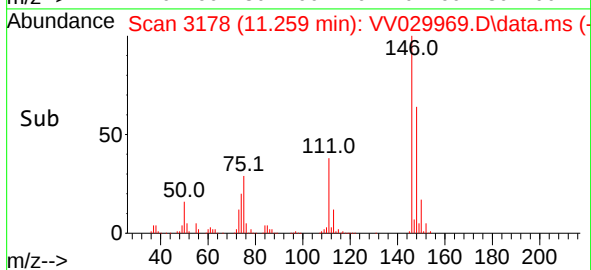
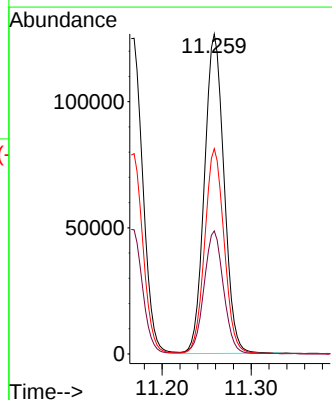
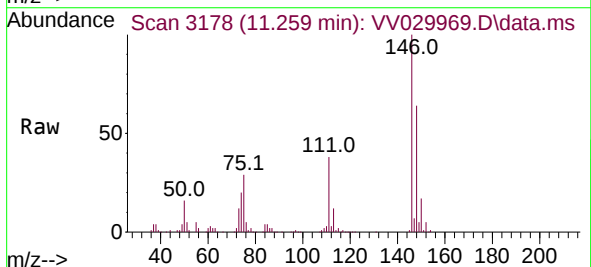
Instrument :
MSVOA_V
ClientSampleId :

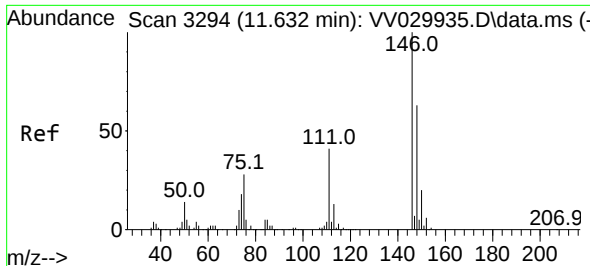
Tgt Ion:146 Resp: 193985
Ion Ratio Lower Upper
146 100
111 39.3 27.2 50.6
148 63.4 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.053 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Tgt Ion:146 Resp: 193101
Ion Ratio Lower Upper
146 100
111 38.5 26.5 49.1
148 64.2 45.8 85.2

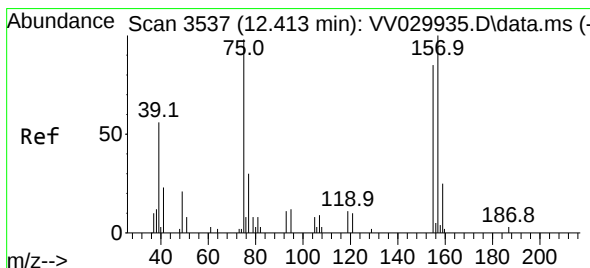
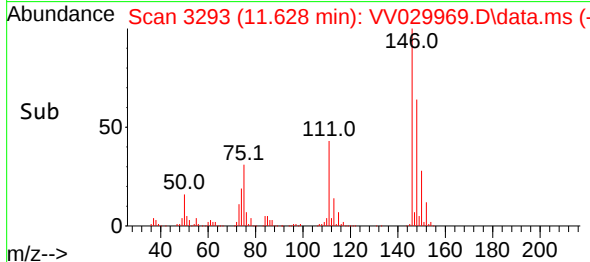
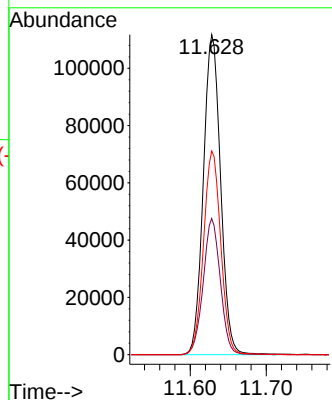
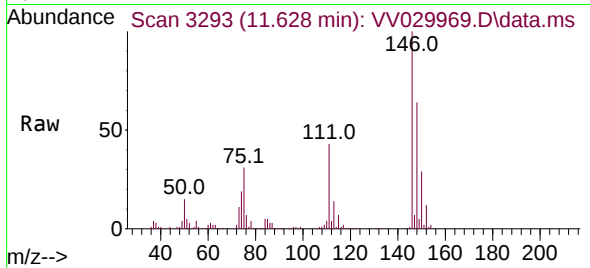




#67
 1,2-Dichlorobenzene
 Concen: 5.112 ug/L
 RT: 11.628 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26

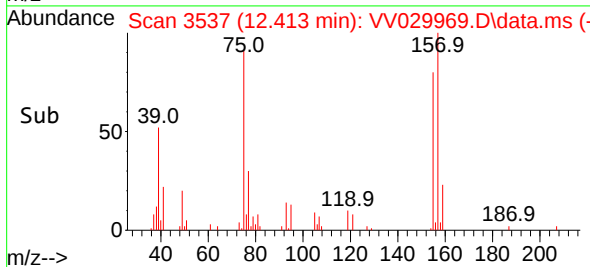
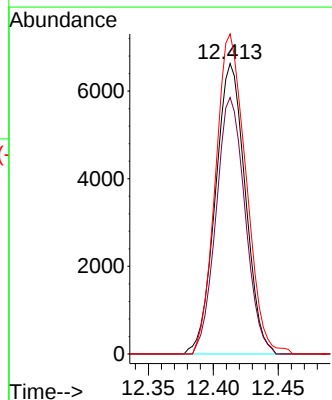
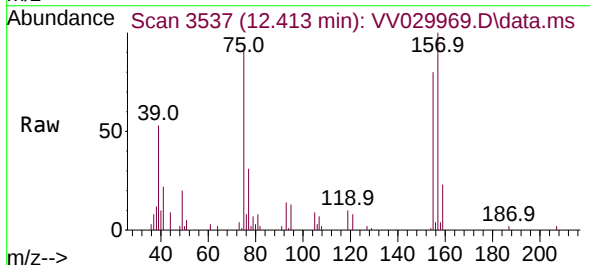
Instrument :
 MSVOA_V
 ClientSampleId :

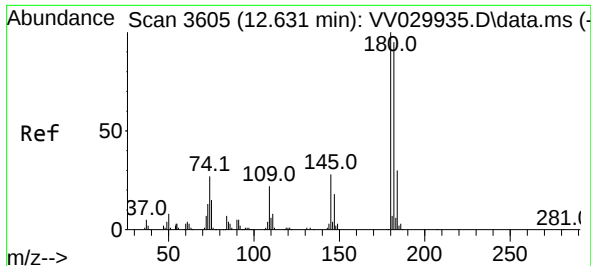
Tgt Ion:146 Resp: 176186
 Ion Ratio Lower Upper
 146 100
 111 42.6 31.8 47.8
 148 63.7 51.4 77.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.131 ug/L
 RT: 12.413 min Scan# 3537
 Delta R.T. 0.000 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26

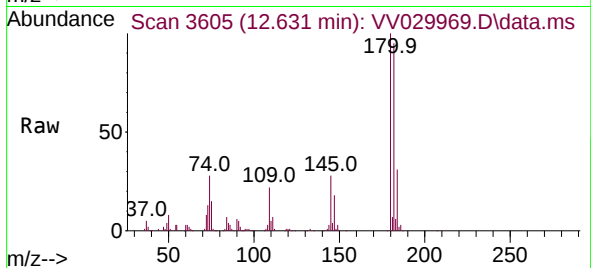
Tgt Ion: 75 Resp: 10611
 Ion Ratio Lower Upper
 75 100
 155 88.3 75.5 113.3
 157 110.2 99.2 148.8



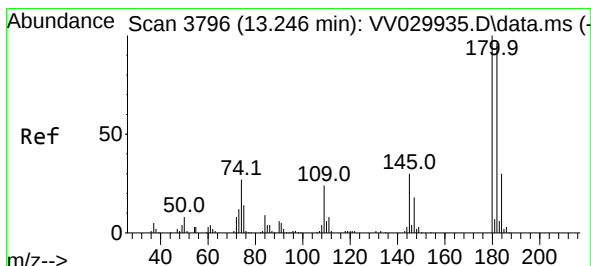
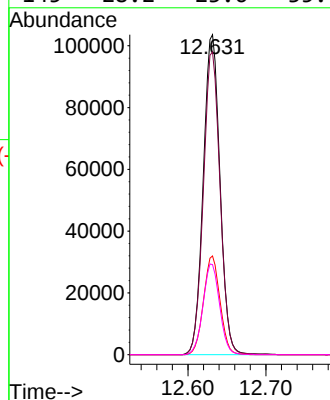
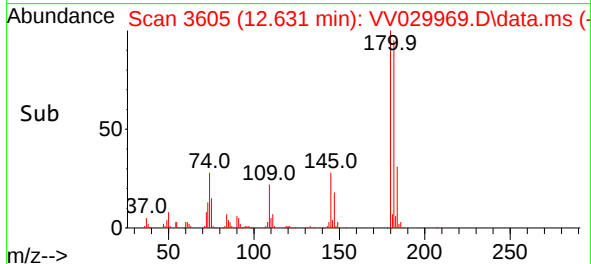


#69
 1,3,5-Trichlorobenzene
 Concen: 5.013 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. 0.000 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26

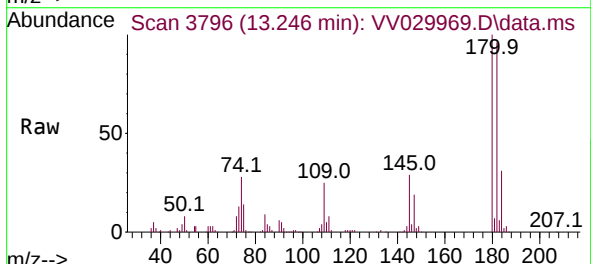
Instrument :
 MSVOA_V
 ClientSampleId :



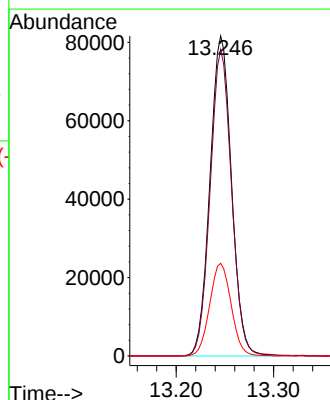
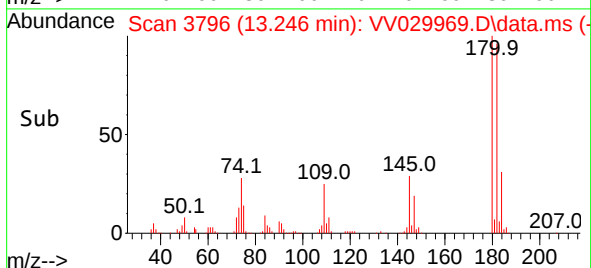
Tgt Ion:180	Resp:	154695
Ion Ratio	Lower	Upper
180	100	
182	94.5	75.4 113.2
184	30.4	23.9 35.9
145	28.2	23.6 35.4

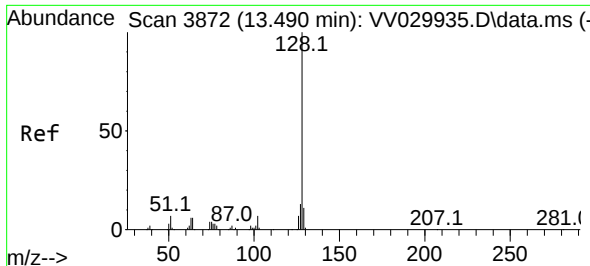


#70
 1,2,4-trichlorobenzene
 Concen: 5.193 ug/L
 RT: 13.246 min Scan# 3796
 Delta R.T. 0.000 min
 Lab File: VV029969.D
 Acq: 27 Jan 2023 10:26



Tgt Ion:180	Resp:	125227
Ion Ratio	Lower	Upper
180	100	
182	94.9	75.8 113.8
145	28.9	23.7 35.5

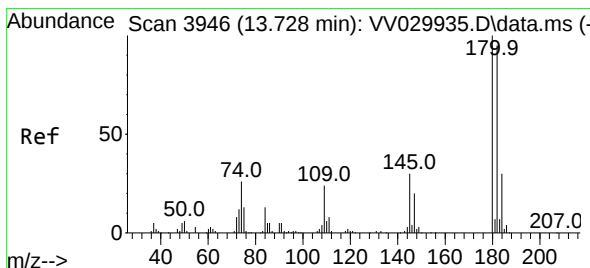
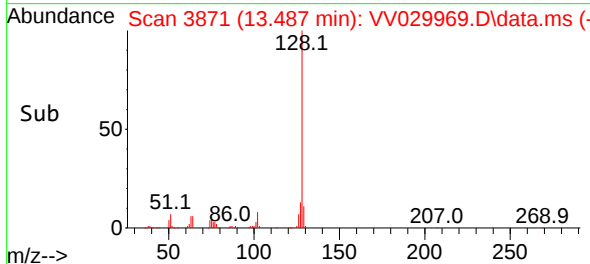
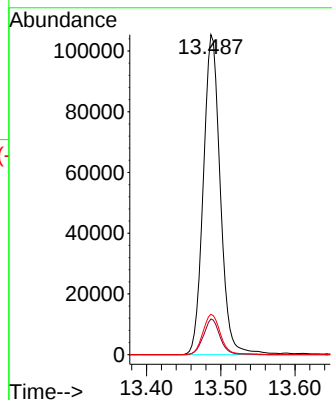
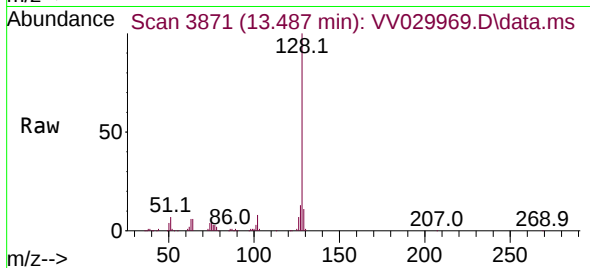




#71
Naphthalene
Concen: 5.353 ug/L
RT: 13.487 min Scan# 3871
Delta R.T. -0.003 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 167211
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.0 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.348 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. 0.000 min
Lab File: VV029969.D
Acq: 27 Jan 2023 10:26

Tgt Ion:180 Resp: 107034
Ion Ratio Lower Upper
180 100
182 95.4 75.5 113.3
145 31.4 25.0 37.6

