

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012723\
 Data File : VW029979.D
 Acq On : 27 Jan 2023 14:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 28 02:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 28 02:00:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	140721	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	134662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	85533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50563	4.737	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.565	69	51154	5.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.600%
11) 1,1-Dichloroethene-d2	2.105	63	98872	5.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	3.892	46	156068	82.497	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	165.000%#
24) Chloroform-d	4.336	84	113813	5.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.200%
26) 1,2-Dichloroethane-d4	5.024	65	48711	5.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
32) Benzene-d6	5.040	84	207422	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.059	67	72361	6.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.800%
41) Toluene-d8	7.307	98	178720	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.612	79	21070	4.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.082	63	128694	74.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	148.080%#
56) 1,1,2,2-Tetrachloroeth...	10.204	84	59111	6.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	138.000%#
66) 1,2-Dichlorobenzene-d4	11.612	152	71392	4.591	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	57949	4.425	ug/L	98
3) Chloromethane	1.240	50	86847	6.301	ug/L	99
5) Vinyl chloride	1.307	62	84652	6.263	ug/L	100
6) Bromomethane	1.519	94	27461	4.173	ug/L	98
8) Chloroethane	1.581	64	54666	6.666	ug/L	99
9) Trichlorofluoromethane	1.751	101	88313	4.988	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	49034	4.701	ug/L	94
12) 1,1-Dichloroethene	2.114	96	56171	4.675	ug/L	92
13) Acetone	2.188	43	82713	61.257	ug/L	96
14) Carbon disulfide	2.288	76	166977	4.827	ug/L	100
15) Methyl Acetate	2.436	43	21822	6.206	ug/L	92
16) Methylene chloride	2.500	84	74654	5.001	ug/L	88
17) Methyl tert-butyl Ether	2.764	73	122641	5.903	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	59407	5.319	ug/L	96
19) 1,1-Dichloroethane	3.179	63	118429	6.338	ug/L	99
21) 2-Butanone	3.979	43	121233	62.673	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	65511	5.504	ug/L	90
23) Bromochloromethane	4.236	128	28233	5.744	ug/L	87
25) Chloroform	4.362	83	115313	5.677	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012723\
 Data File : VW029979.D
 Acq On : 27 Jan 2023 14:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

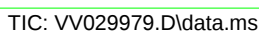
Quant Time: Jan 28 02:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 28 02:00:30 2023
 Response via : Initial Calibration

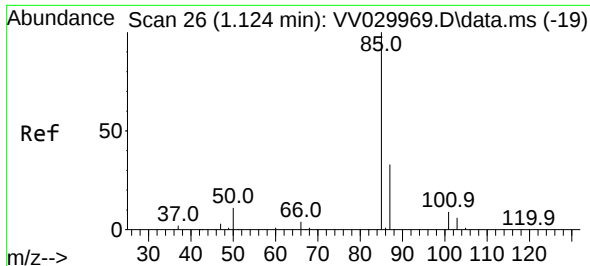
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	59755	6.055	ug/L	96
29) 1,1,1-Trichloroethane	4.597	97	92414	5.285	ug/L	97
30) Cyclohexane	4.667	56	81095	4.899	ug/L	94
31) Carbon tetrachloride	4.815	117	72682	4.777	ug/L	98
33) Benzene	5.088	78	257734	5.789	ug/L	100
34) Trichloroethene	5.905	95	59245	5.251	ug/L	98
35) Methylcyclohexane	6.121	83	75670	3.972	ug/L	95
37) 1,2-Dichloropropane	6.162	63	67531	6.477	ug/L	98
38) Bromodichloromethane	6.500	83	77776	5.767	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	77196	5.521	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	265468	59.662	ug/L	94
42) Toluene	7.378	91	259380	5.402	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	63388	5.626	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	43256	5.758	ug/L	98
47) Tetrachloroethene	7.966	164	43339	4.562	ug/L	99
48) 2-Hexanone	8.133	43	212153	66.707	ug/L	94
49) Dibromochloromethane	8.236	129	47528	5.391	ug/L	100
50) 1,2-Dibromoethane	8.342	107	36888	5.657	ug/L	98
51) Chlorobenzene	8.870	112	160609	5.268	ug/L	98
52) Ethylbenzene	9.002	91	246789	4.911	ug/L	100
53) m,p-Xylene	9.127	106	95607	4.806	ug/L	100
54) o-Xylene	9.532	106	94593	5.010	ug/L	99
55) Styrene	9.548	104	165364	5.093	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	52832	6.331	ug/L	99
59) Bromoform	9.719	173	24753	4.468	ug/L	97
60) Isopropylbenzene	9.918	105	241307	4.414	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	35853	5.661	ug/L	96
62) 1,3,5-Trimethylbenzene	10.526	105	191799	4.094	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	202199	4.328	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	126305	4.549	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	125756	4.544	ug/L	98
67) 1,2-Dichlorobenzene	11.628	146	117760	4.718	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	7679	5.127	ug/L	90
69) 1,3,5-Trichlorobenzene	12.632	180	95684	4.282	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	78432	4.491	ug/L	98
71) Naphthalene	13.487	128	111899	4.946	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	70124	4.838	ug/L	98

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

Instrument :
MSVOA_V
ClientSampleId :

Instrument :
MSVOA_V
ClientSampleId :

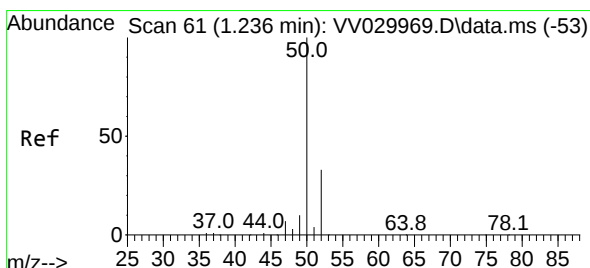
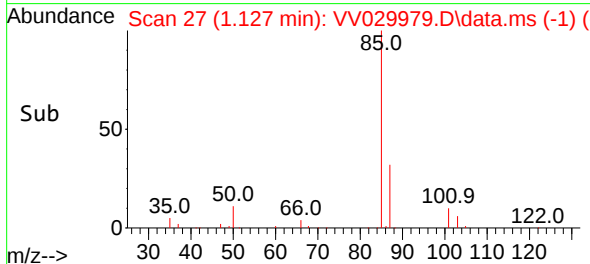
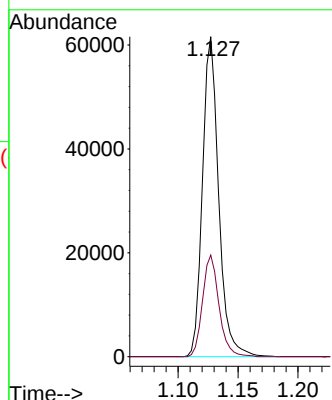
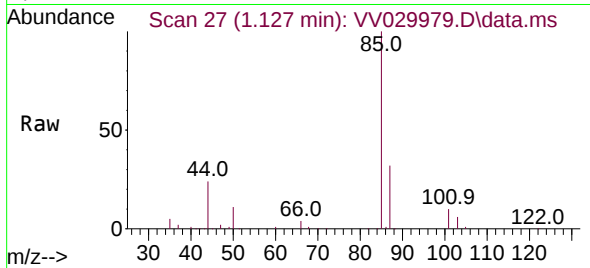




#2
 Dichlorodifluoromethane
 Concen: 4.425 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029979.D
 Acq: 27 Jan 2023 14:59

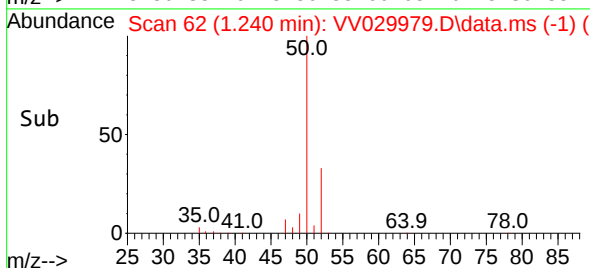
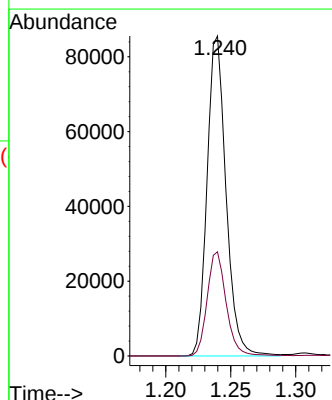
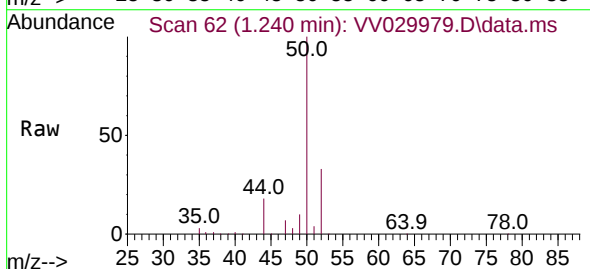
Instrument :
 MSVOA_V
 ClientSampleId :

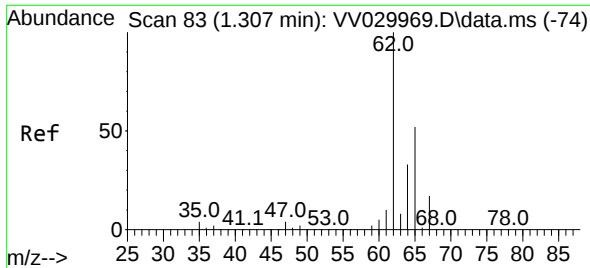
Tgt Ion: 85 Resp: 57949
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.5 39.7



#3
 Chloromethane
 Concen: 6.301 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029979.D
 Acq: 27 Jan 2023 14:59

Tgt Ion: 50 Resp: 86847
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.1 42.9

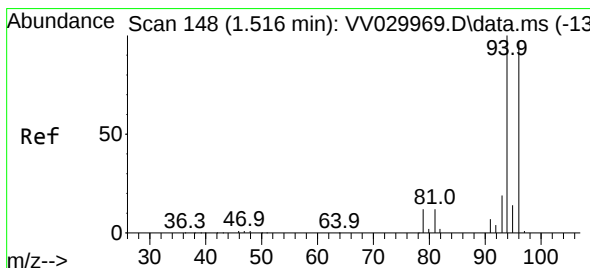
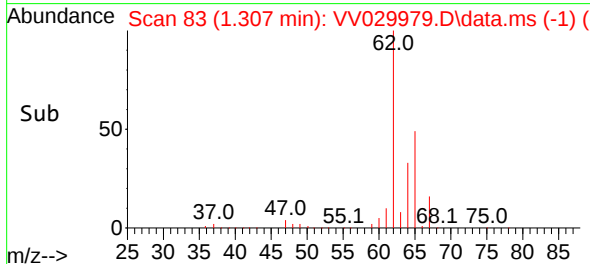
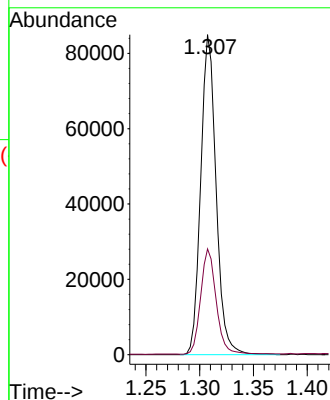
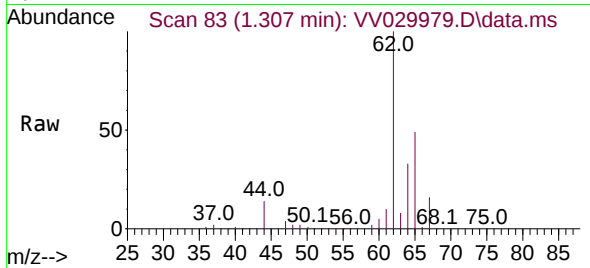




#5
 Vinyl chloride
 Concen: 6.263 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029979.D
 Acq: 27 Jan 2023 14:59

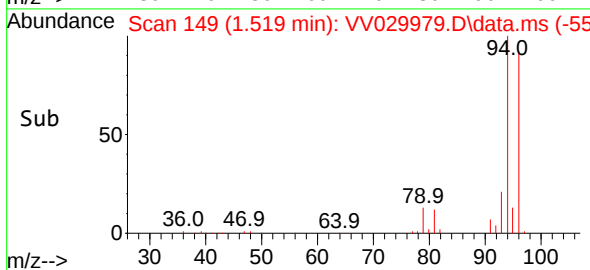
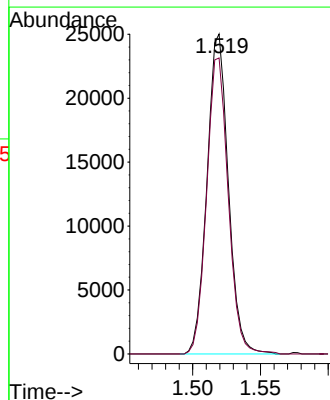
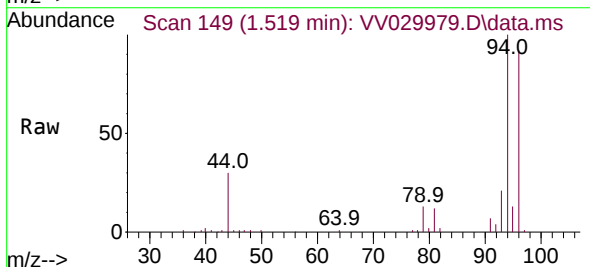
Instrument :
 MSVOA_V
 ClientSampleId :

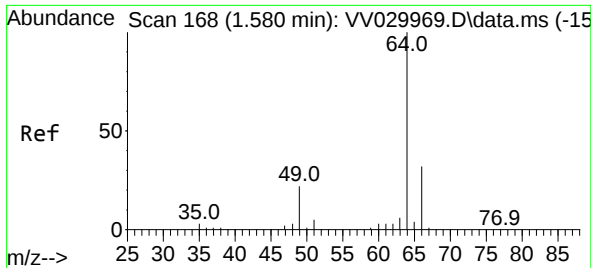
Tgt Ion: 62 Resp: 84652
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#6
 Bromomethane
 Concen: 4.173 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029979.D
 Acq: 27 Jan 2023 14:59

Tgt Ion: 94 Resp: 27461
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.9 122.5

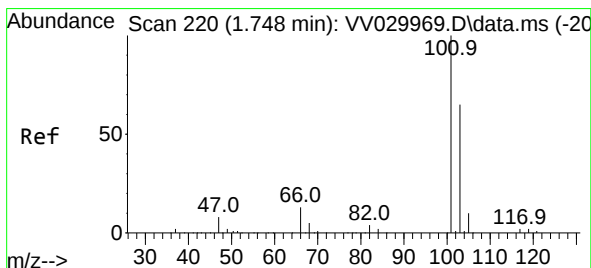
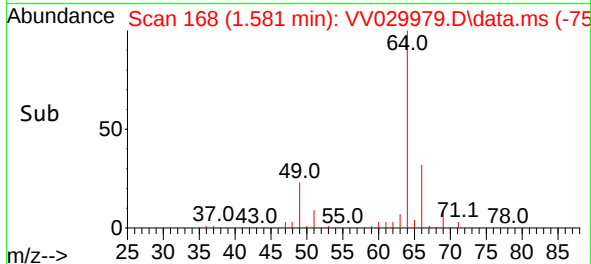
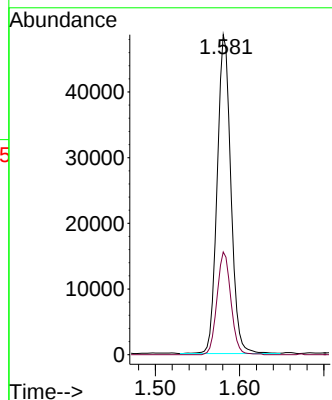
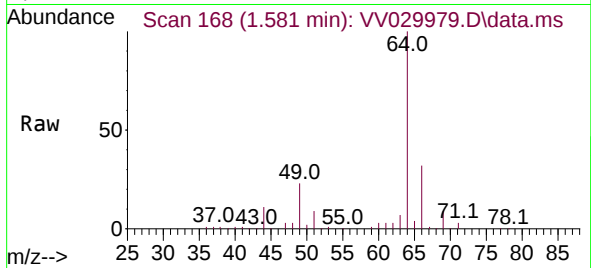




#8
Chloroethane
Concen: 6.666 ug/L
RT: 1.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

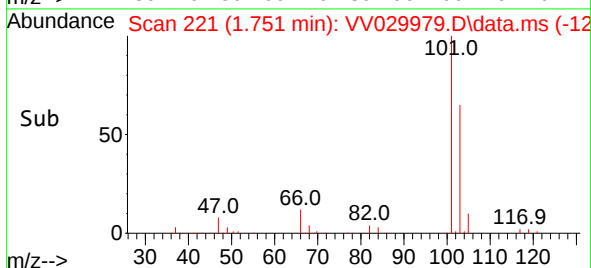
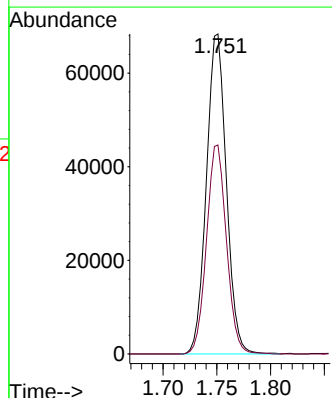
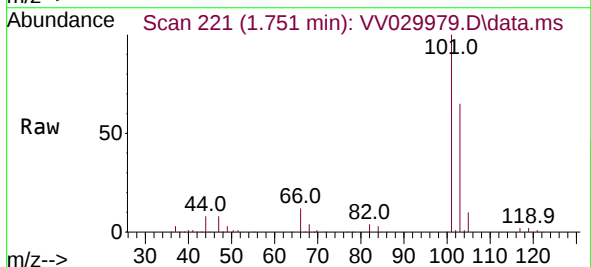
Instrument :
MSVOA_V
ClientSampleId :

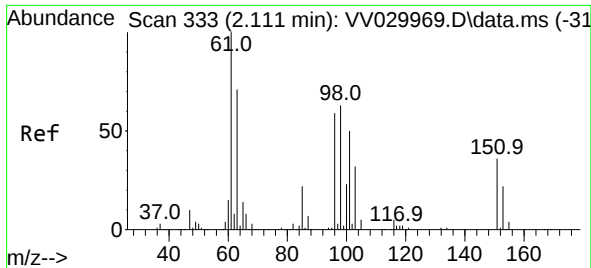
Tgt Ion: 64 Resp: 54666
Ion Ratio Lower Upper
64 100
66 32.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 4.988 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

Tgt Ion: 101 Resp: 88313
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

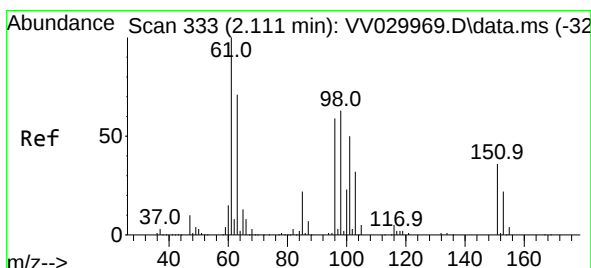
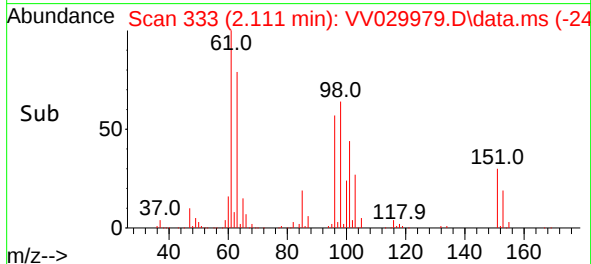
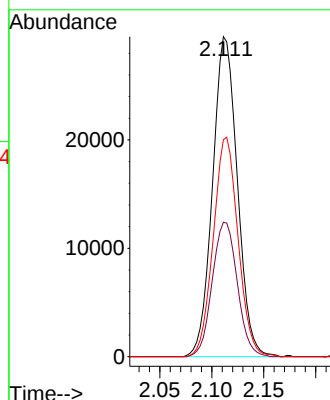
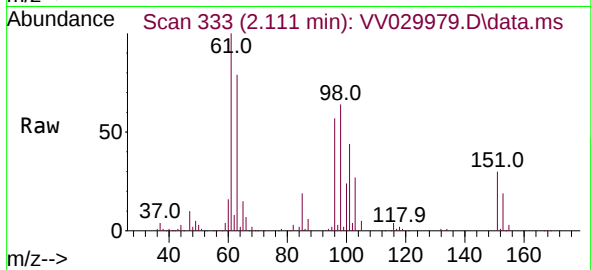




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.701 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029979.D
 Acq: 27 Jan 2023 14:59

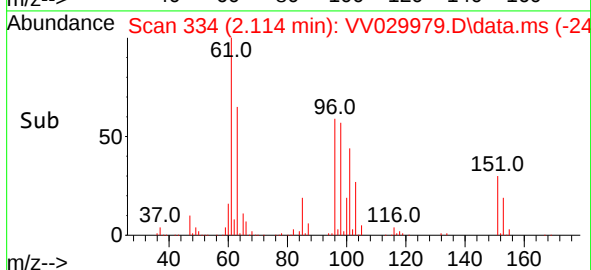
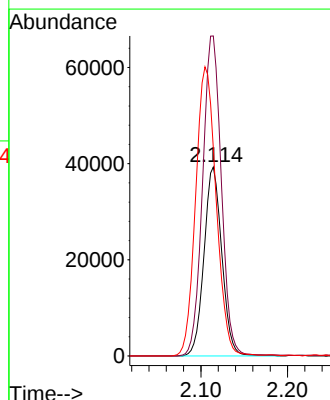
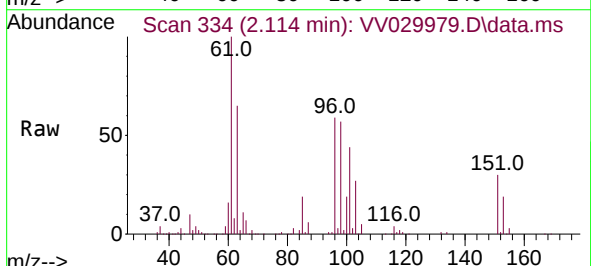
Instrument :
 MSVOA_V
 ClientSampleId :

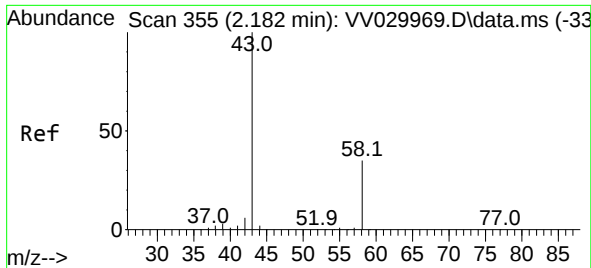
Tgt Ion:101 Resp: 49034
 Ion Ratio Lower Upper
 101 100
 85 42.4 32.9 49.3
 151 68.5 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 4.675 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029979.D
 Acq: 27 Jan 2023 14:59

Tgt Ion: 96 Resp: 56171
 Ion Ratio Lower Upper
 96 100
 61 169.3 106.1 197.1
 63 110.0 76.4 141.8





#13

Acetone

Concen: 61.257 ug/L

RT: 2.188 min Scan# 355

Delta R.T. 0.007 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

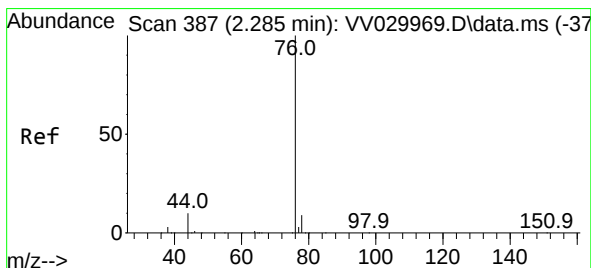
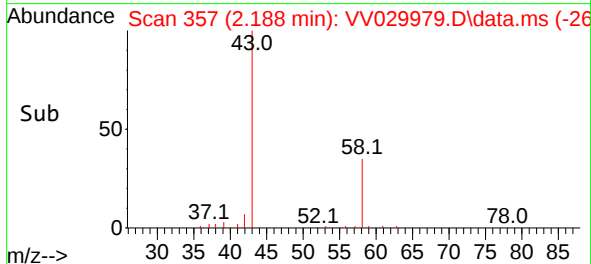
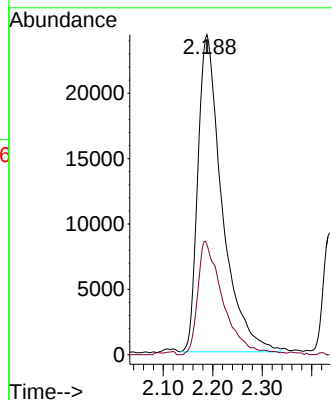
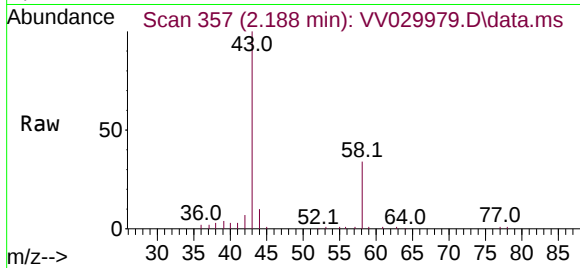
ClientSampleId :

Tgt Ion: 43 Resp: 82713

Ion Ratio Lower Upper

43 100

58 36.5 0.0 68.8



#14

Carbon disulfide

Concen: 4.827 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029979.D

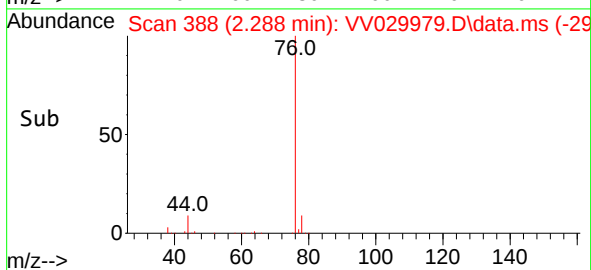
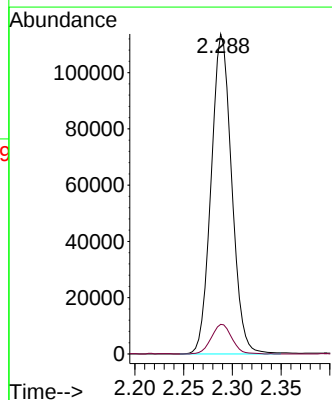
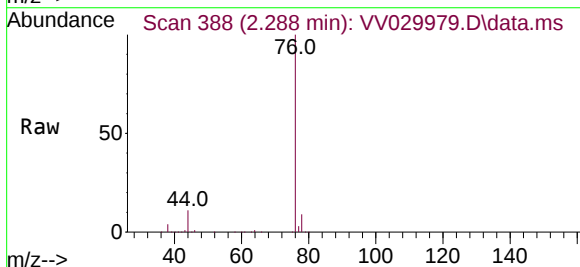
Acq: 27 Jan 2023 14:59

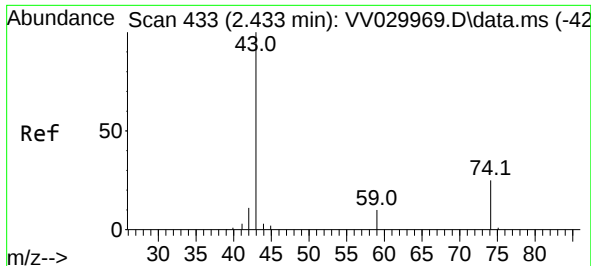
Tgt Ion: 76 Resp: 166977

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

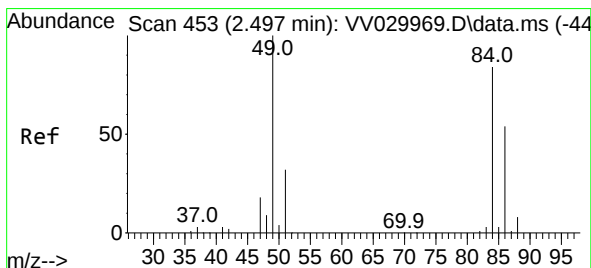
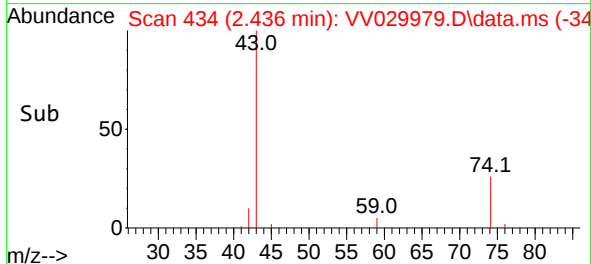
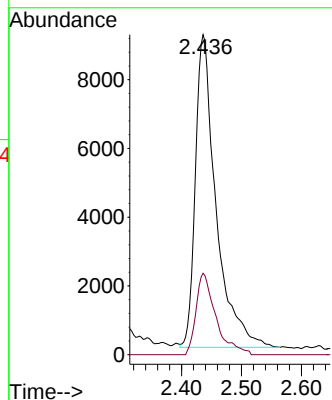
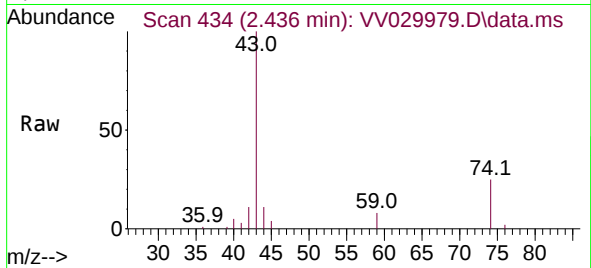




#15
Methyl Acetate
Concen: 6.206 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

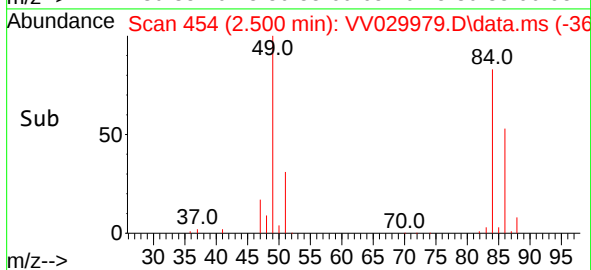
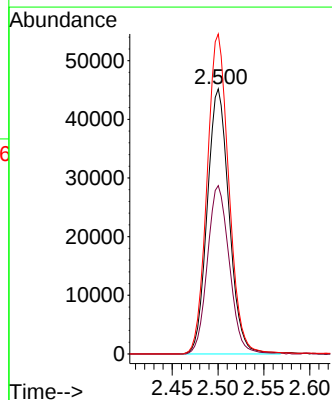
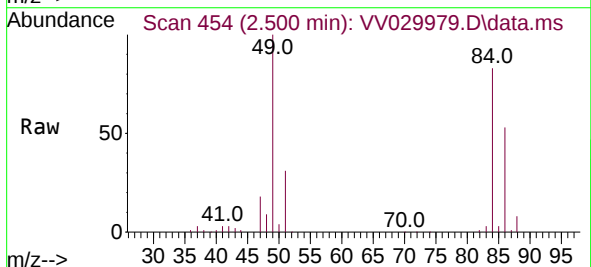
Instrument :
MSVOA_V
ClientSampleId :

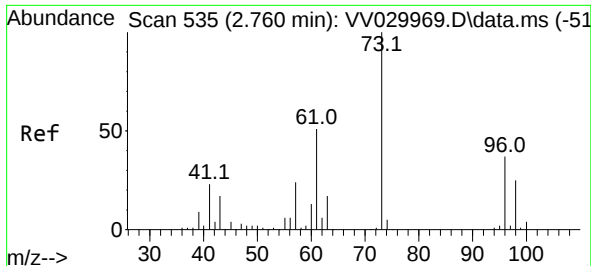
Tgt Ion: 43 Resp: 21822
Ion Ratio Lower Upper
43 100
74 24.9 23.4 35.0



#16
Methylene chloride
Concen: 5.001 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

Tgt Ion: 84 Resp: 74654
Ion Ratio Lower Upper
84 100
86 63.5 45.0 83.6
49 120.7 71.5 132.7

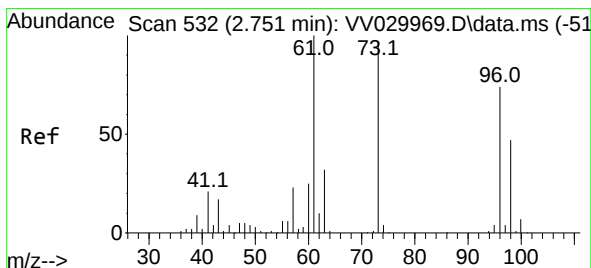
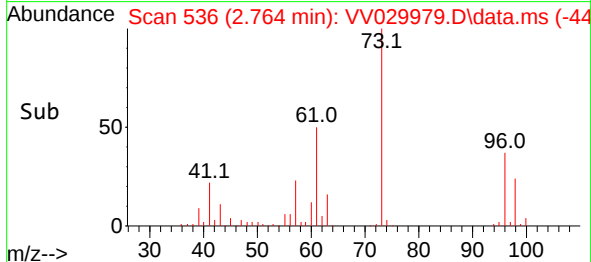
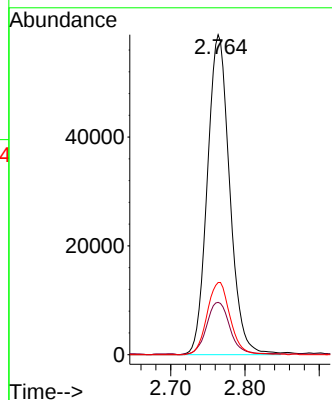
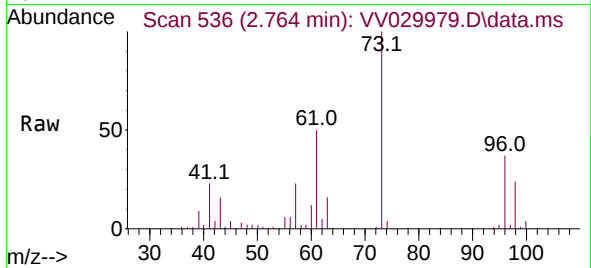




#17
Methyl tert-butyl Ether
Concen: 5.903 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

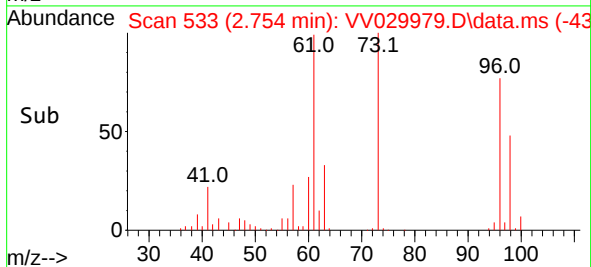
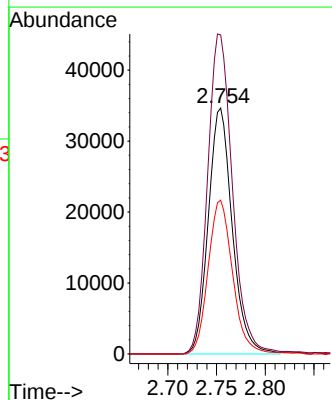
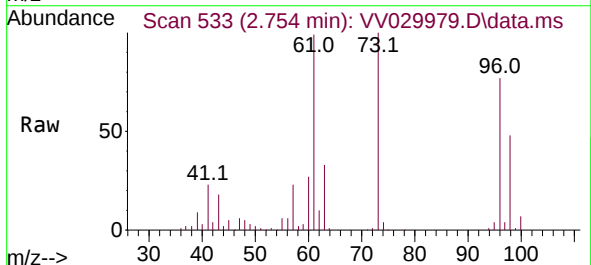
Instrument :
MSVOA_V
ClientSampleId :

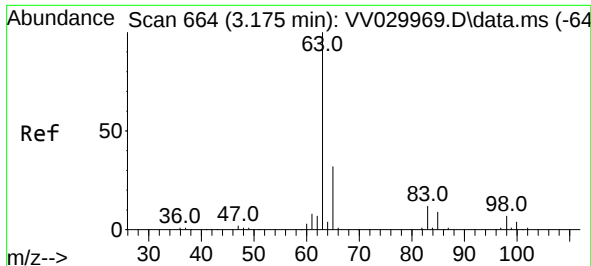
Tgt Ion: 73 Resp: 122641
Ion Ratio Lower Upper
73 100
43 17.3 13.0 19.4
57 23.3 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.319 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

Tgt Ion: 96 Resp: 59407
Ion Ratio Lower Upper
96 100
61 129.7 86.1 159.9
98 62.5 43.9 81.5





#19

1,1-Dichloroethane

Concen: 6.338 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

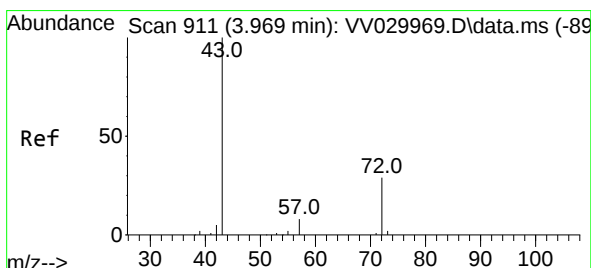
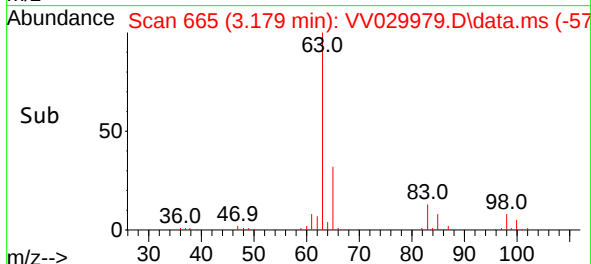
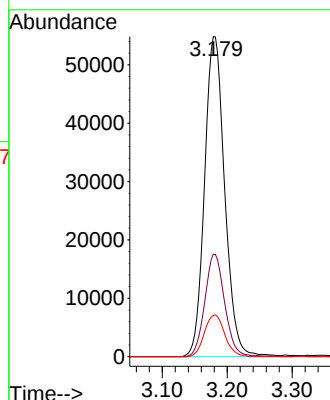
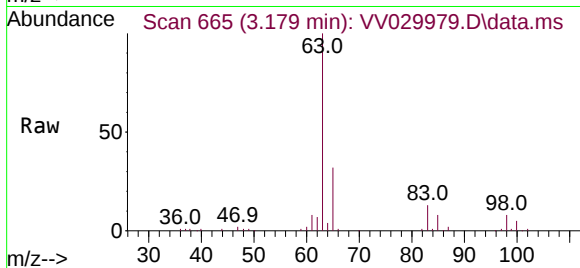
Tgt Ion: 63 Resp: 118429

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 12.9 10.2 19.0



#21

2-Butanone

Concen: 62.673 ug/L

RT: 3.979 min Scan# 914

Delta R.T. 0.010 min

Lab File: VV029979.D

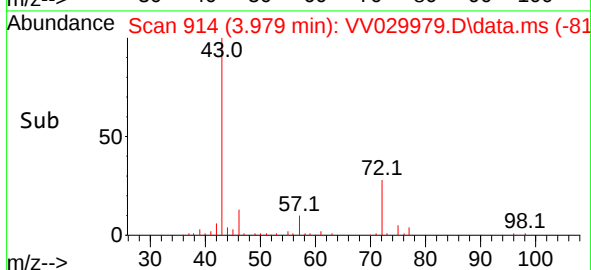
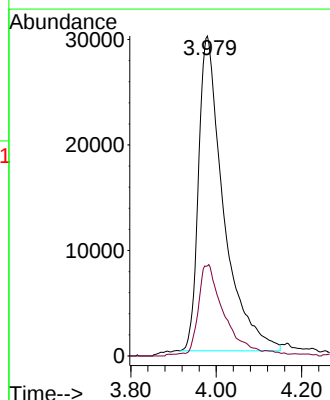
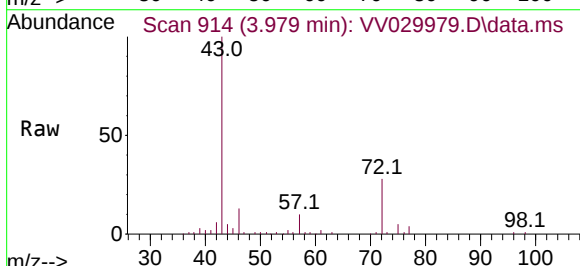
Acq: 27 Jan 2023 14:59

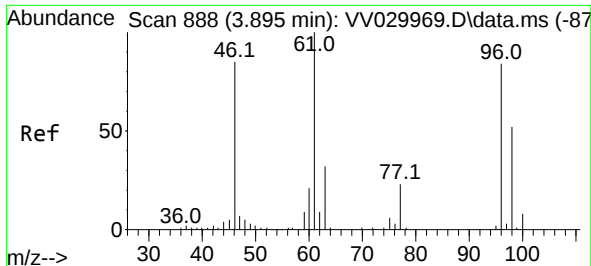
Tgt Ion: 43 Resp: 121233

Ion Ratio Lower Upper

43 100

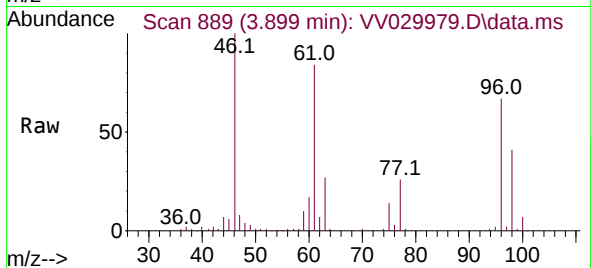
72 30.0 13.9 41.6





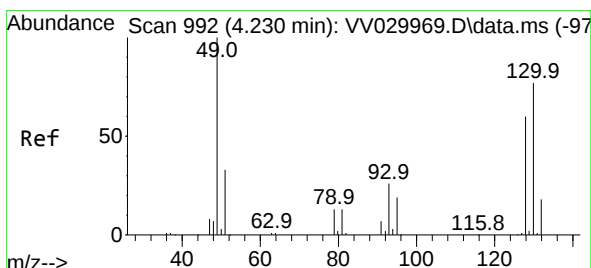
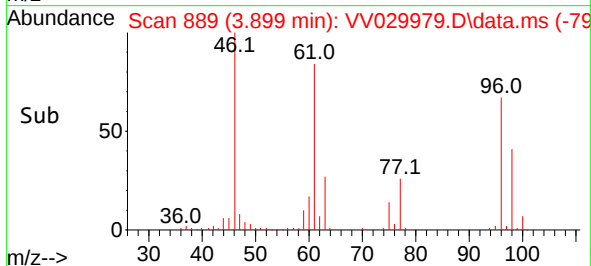
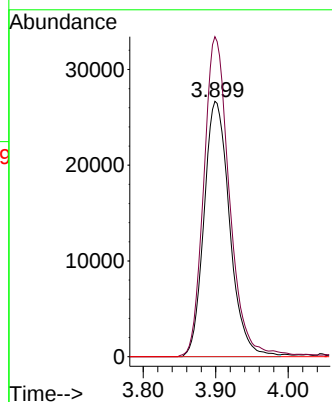
#22
 cis-1,2-Dichloroethene
 Concen: 5.504 ug/L
 RT: 3.899 min Scan# 888
 Delta R.T. 0.003 min
 Lab File: VV029979.D
 Acq: 27 Jan 2023 14:59

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 65511

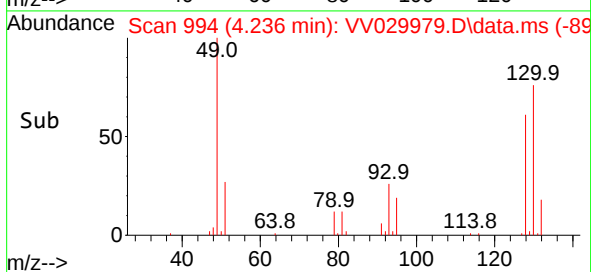
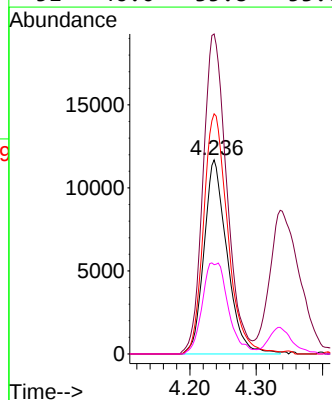
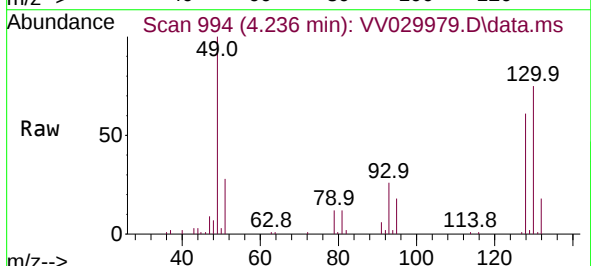
Ion	Ratio	Lower	Upper
96	100		
61	125.3	80.0	148.6
68	0.0	0.0	0.0

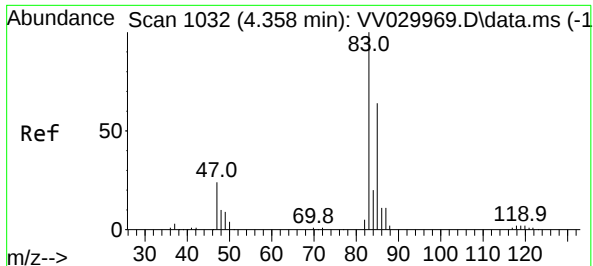


#23
 Bromochloromethane
 Concen: 5.744 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. 0.007 min
 Lab File: VV029979.D
 Acq: 27 Jan 2023 14:59

Tgt Ion: 128 Resp: 28233

Ion	Ratio	Lower	Upper
128	100		
49	164.9	91.2	169.4
130	123.8	87.0	161.6
51	46.0	35.8	53.6

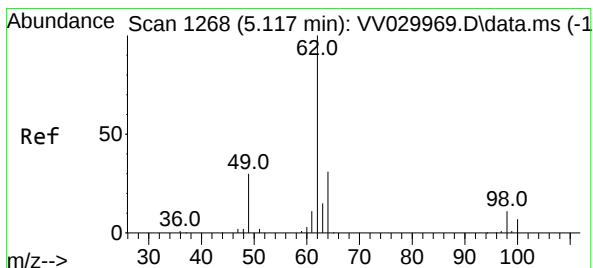
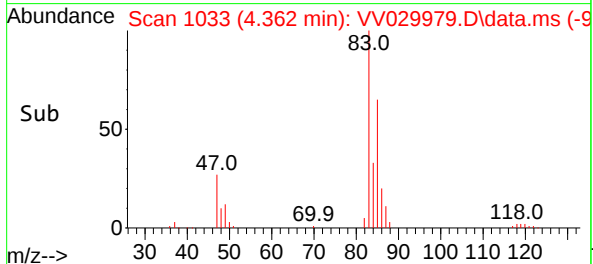
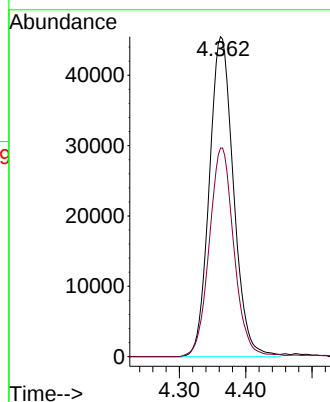
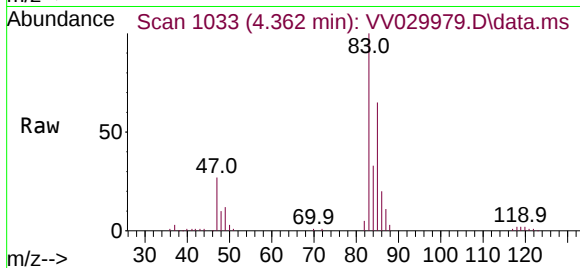




#25
Chloroform
Concen: 5.677 ug/L
RT: 4.362 min Scan# 1032
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

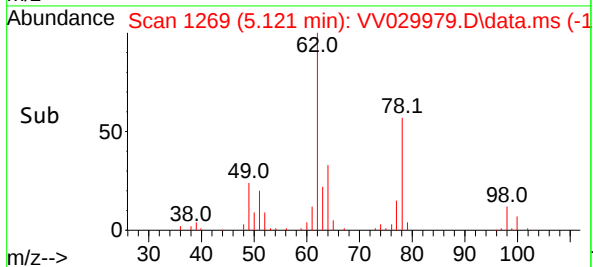
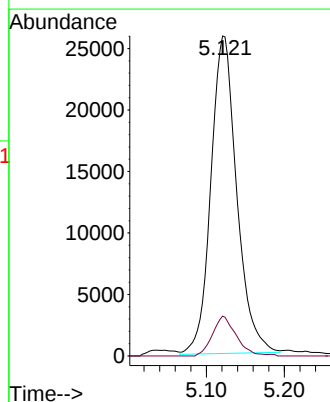
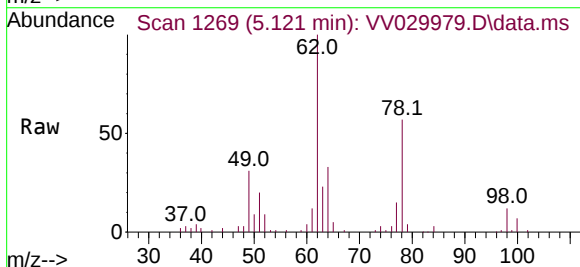
Instrument :
MSVOA_V
ClientSampleId :

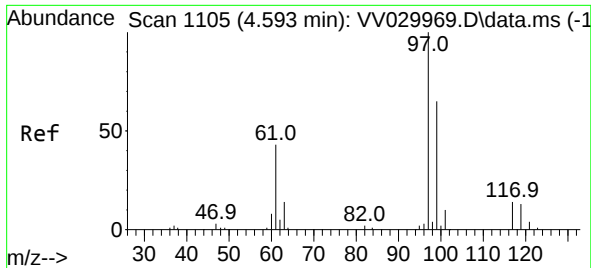
Tgt Ion: 83 Resp: 115313
Ion Ratio Lower Upper
83 100
85 65.2 46.5 86.5



#27
1,2-Dichloroethane
Concen: 6.055 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

Tgt Ion: 62 Resp: 59755
Ion Ratio Lower Upper
62 100
98 12.5 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 5.285 ug/L

RT: 4.597 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV029979.D

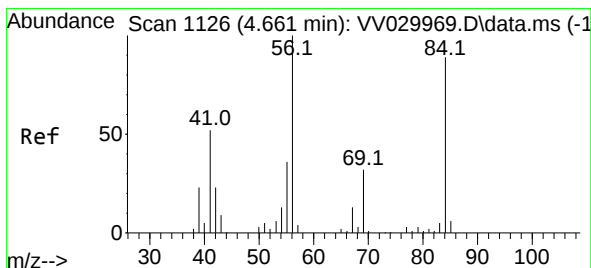
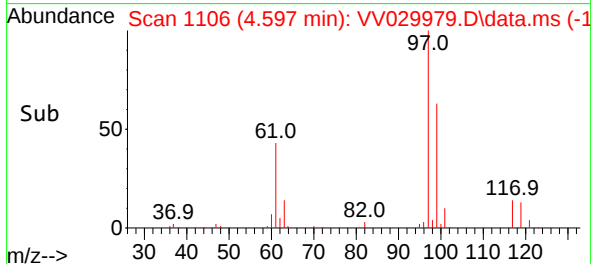
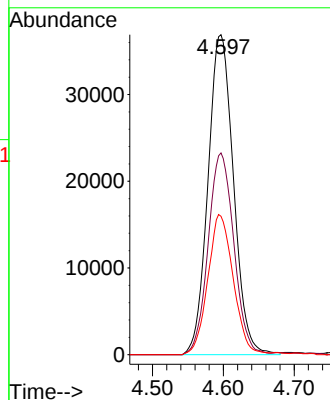
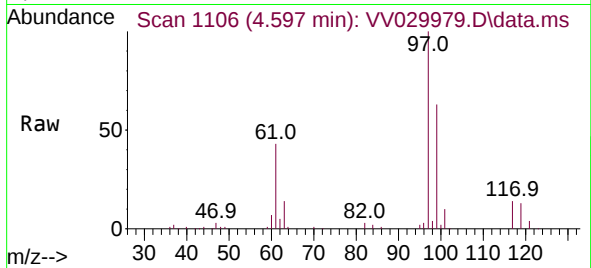
Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 92414
Ion Ratio	Lower Upper
97 100	
99 63.4	51.3 76.9
61 43.6	31.6 47.4



#30

Cyclohexane

Concen: 4.899 ug/L

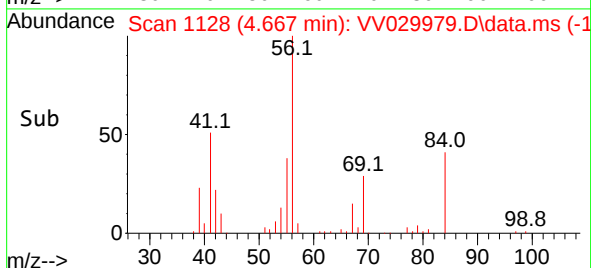
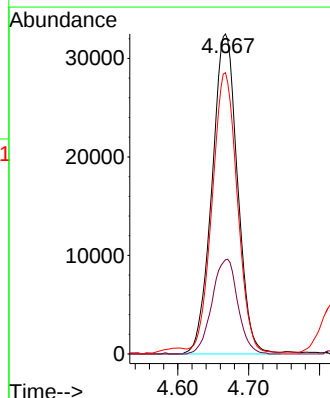
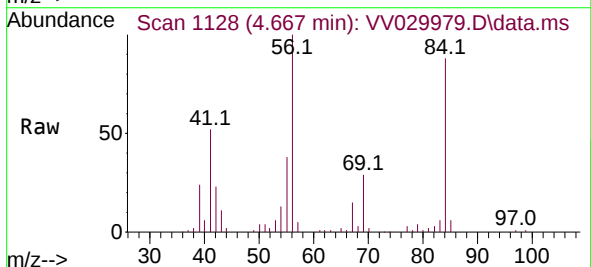
RT: 4.667 min Scan# 1128

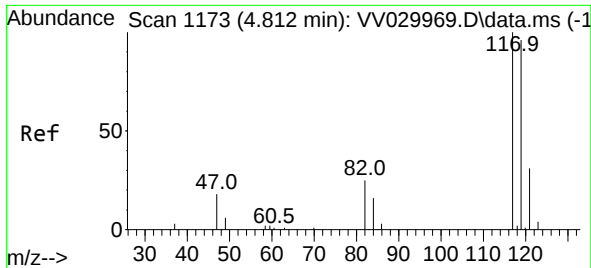
Delta R.T. 0.007 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Tgt Ion: 56	Resp: 81095
Ion Ratio	Lower Upper
56 100	
69 29.8	26.7 40.1
84 86.3	73.8 110.8

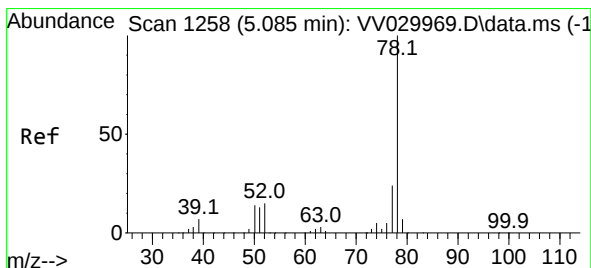
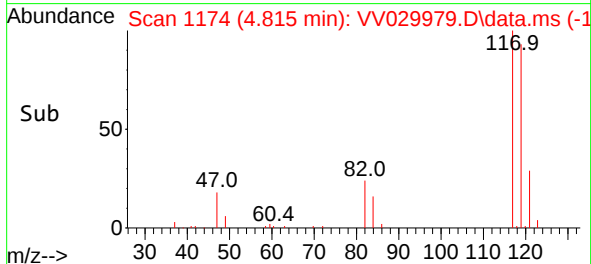
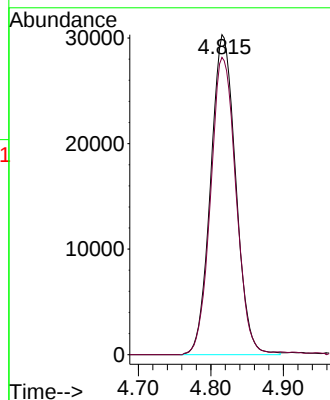
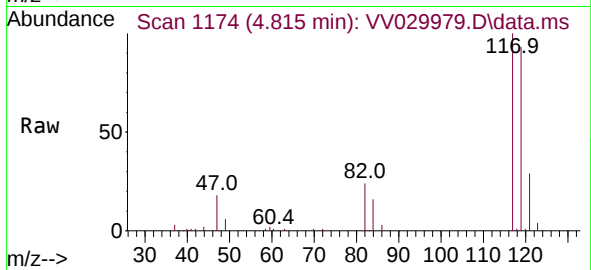




#31
Carbon tetrachloride
Concen: 4.777 ug/L
RT: 4.815 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

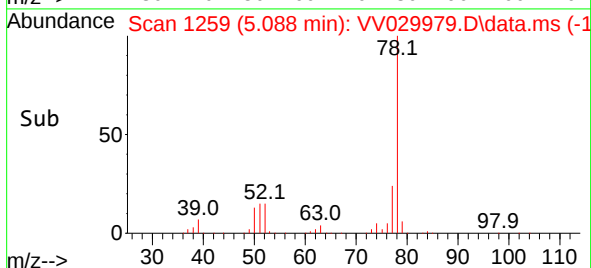
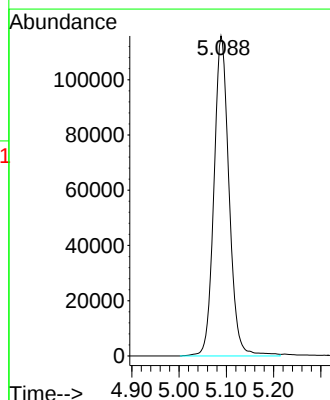
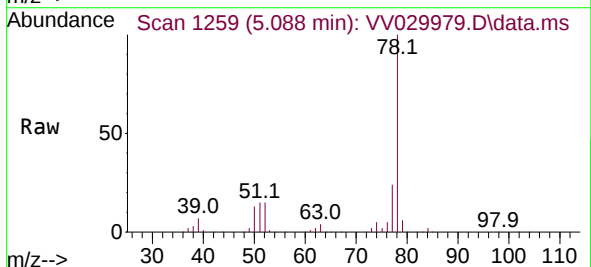
Instrument :
MSVOA_V
ClientSampleId :

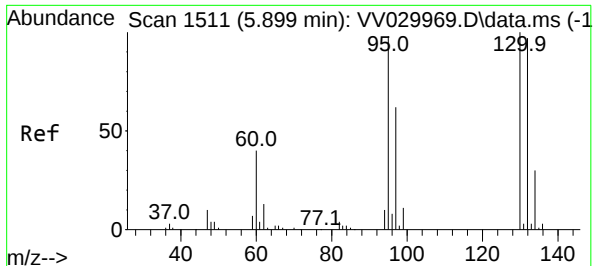
Tgt Ion:117 Resp: 72682
Ion Ratio Lower Upper
117 100
119 94.0 76.6 114.8



#33
Benzene
Concen: 5.789 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

Tgt Ion: 78 Resp: 257734





#34

Trichloroethene

Concen: 5.251 ug/L

RT: 5.905 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 59245

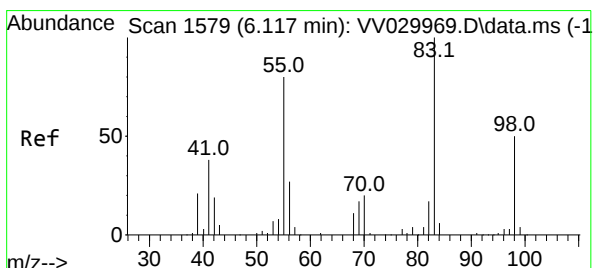
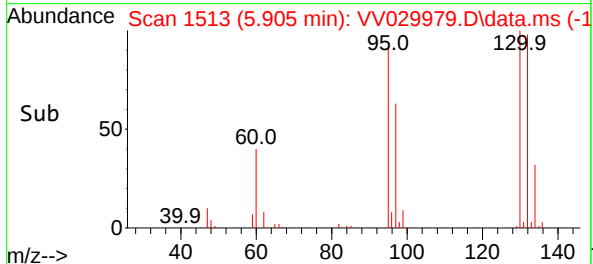
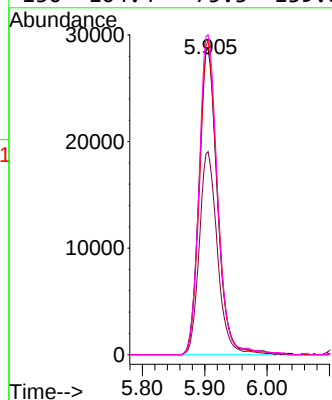
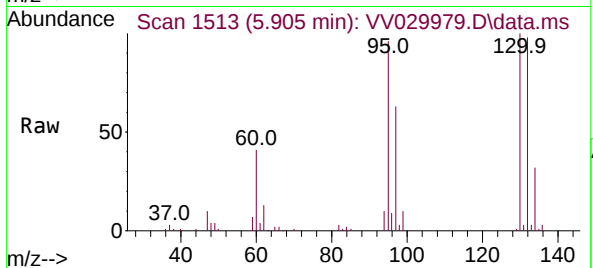
Ion Ratio Lower Upper

95 100

97 66.3 44.9 83.3

132 102.6 71.8 133.4

130 104.4 75.3 139.8



#35

Methylcyclohexane

Concen: 3.972 ug/L

RT: 6.121 min Scan# 1580

Delta R.T. 0.003 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

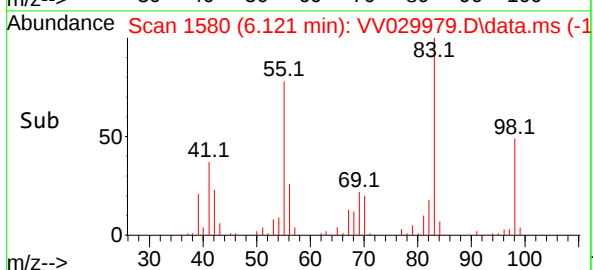
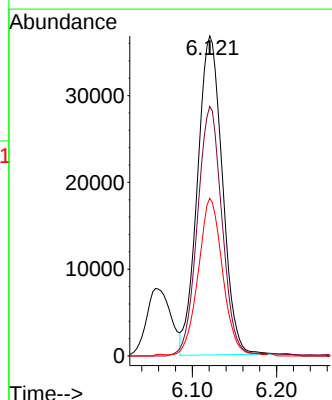
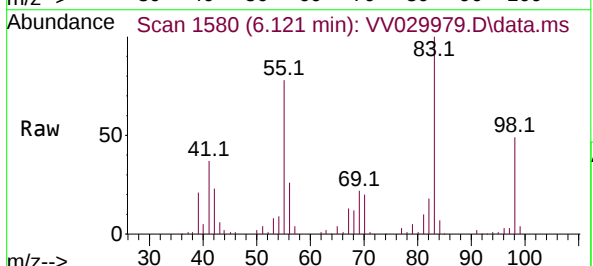
Tgt Ion: 83 Resp: 75670

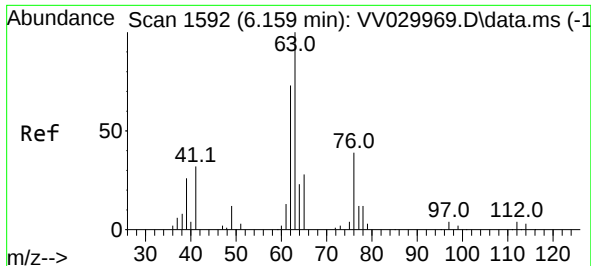
Ion Ratio Lower Upper

83 100

55 78.1 57.3 85.9

98 47.5 39.0 58.6





#37

1,2-Dichloropropane

Concen: 6.477 ug/L

RT: 6.162 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

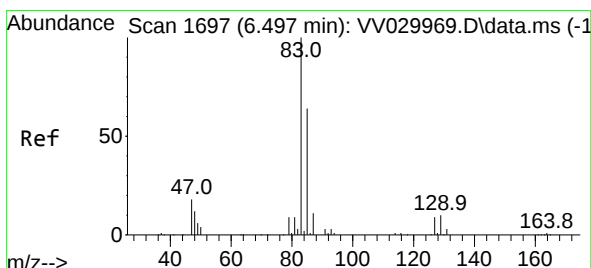
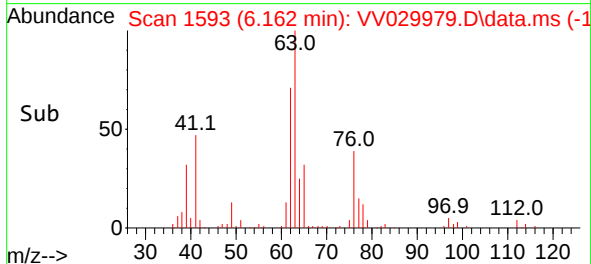
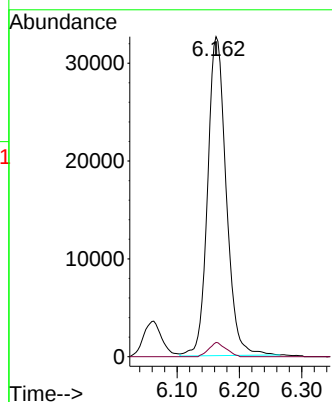
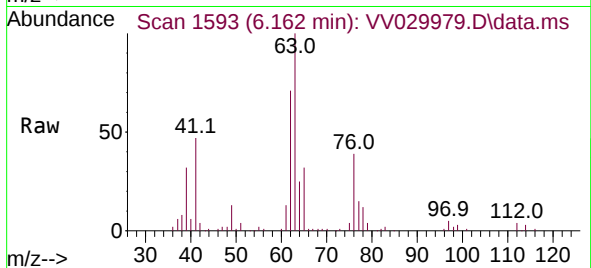
ClientSampleId :

Tgt Ion: 63 Resp: 67531

Ion Ratio Lower Upper

63 100

112 4.1 3.9 5.9



#38

Bromodichloromethane

Concen: 5.767 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.003 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

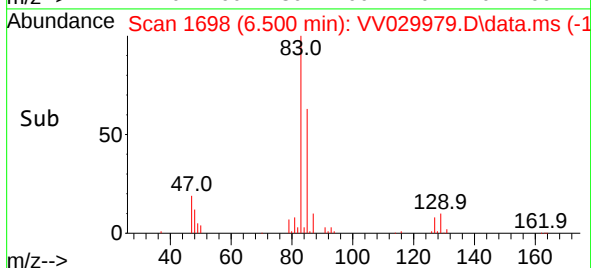
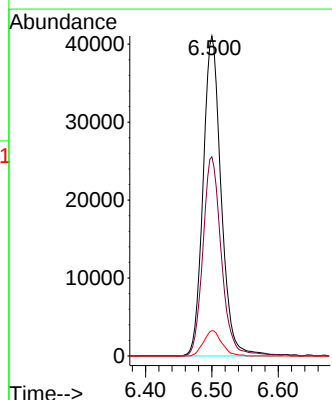
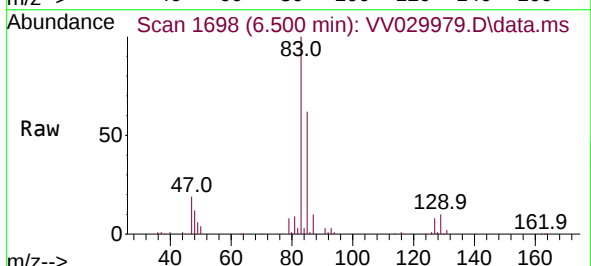
Tgt Ion: 83 Resp: 77776

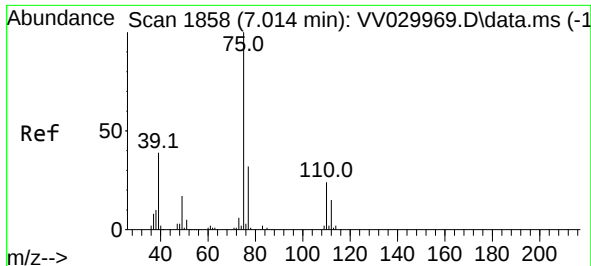
Ion Ratio Lower Upper

83 100

85 62.2 43.2 80.2

127 7.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.521 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. 0.003 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

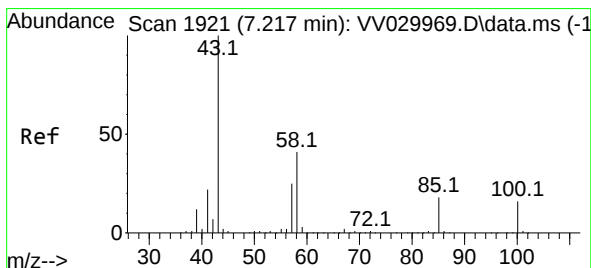
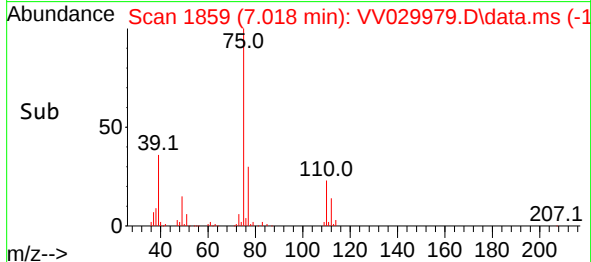
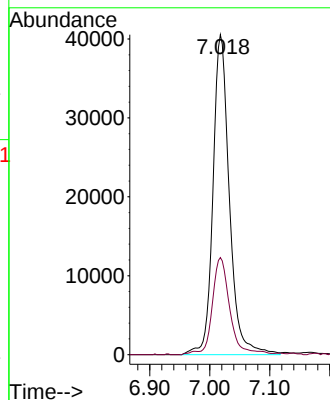
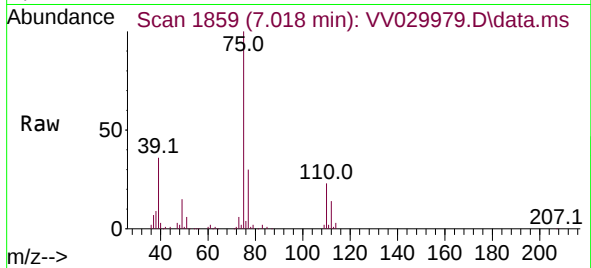
ClientSampleId :

Tgt Ion: 75 Resp: 77196

Ion Ratio Lower Upper

75 100

77 30.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 59.662 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.003 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

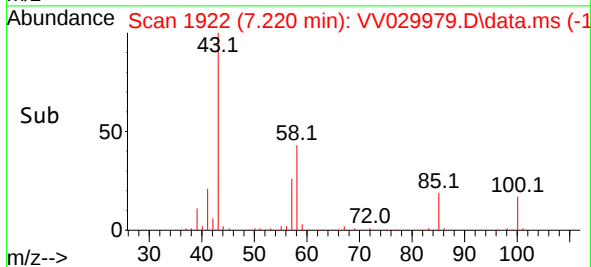
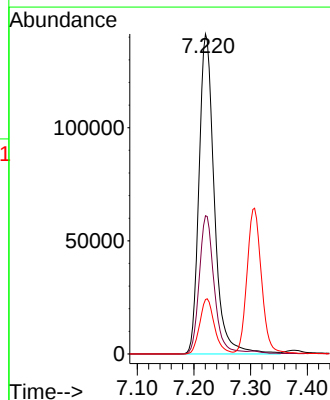
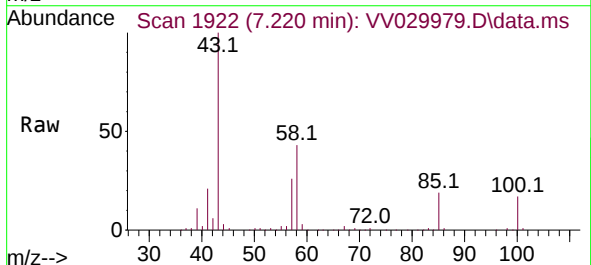
Tgt Ion: 43 Resp: 265468

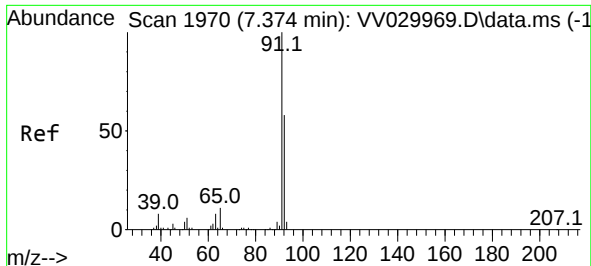
Ion Ratio Lower Upper

43 100

58 42.2 36.7 55.1

100 16.7 15.6 23.4





#42

Toluene

Concen: 5.402 ug/L

RT: 7.378 min Scan# 1970

Delta R.T. 0.003 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

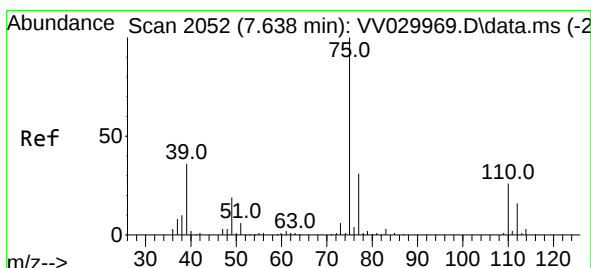
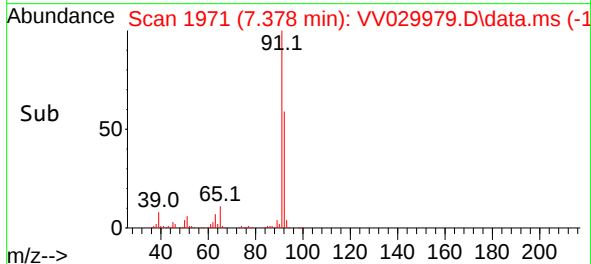
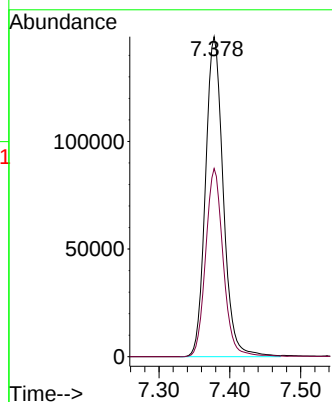
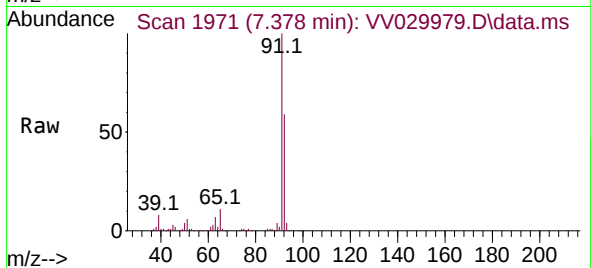
ClientSampleId :

Tgt Ion: 91 Resp: 259380

Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.626 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.003 min

Lab File: VV029979.D

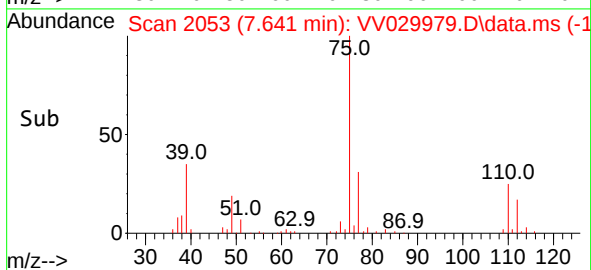
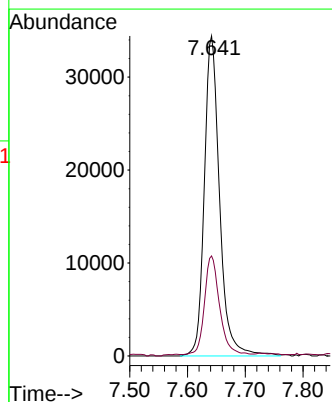
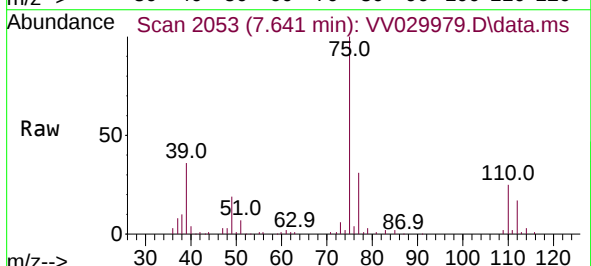
Acq: 27 Jan 2023 14:59

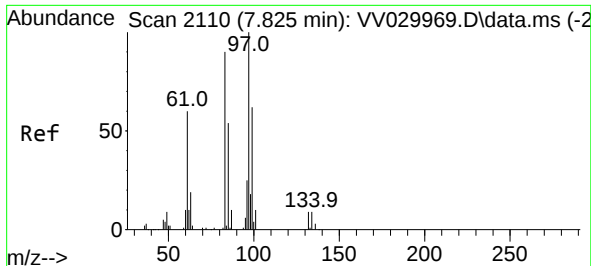
Tgt Ion: 75 Resp: 63388

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 5.758 ug/L

RT: 7.828 min Scan# 2110

Delta R.T. 0.003 min

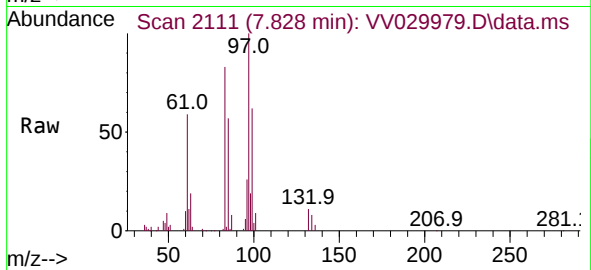
Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 43256

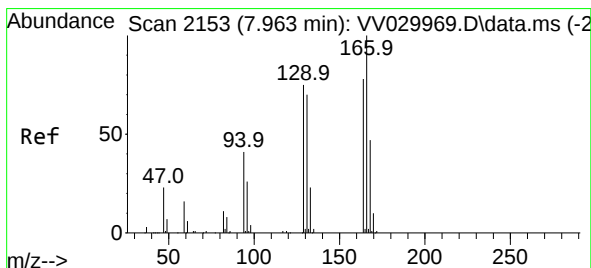
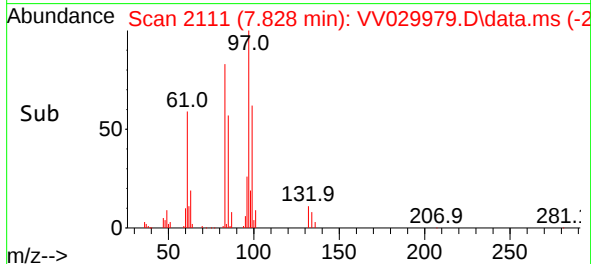
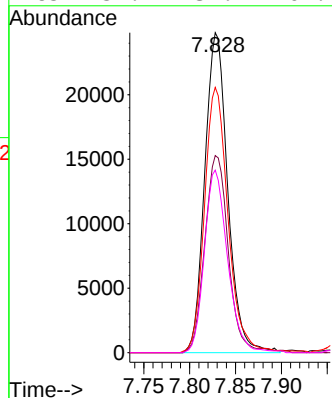
Ion Ratio Lower Upper

97 100

99 61.6 41.9 77.7

83 82.9 58.7 109.1

85 57.1 37.7 69.9



#47

Tetrachloroethene

Concen: 4.562 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.003 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Tgt Ion:164 Resp: 43339

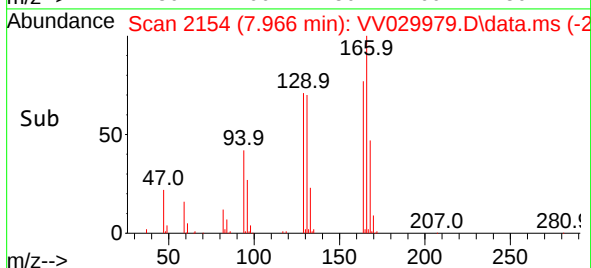
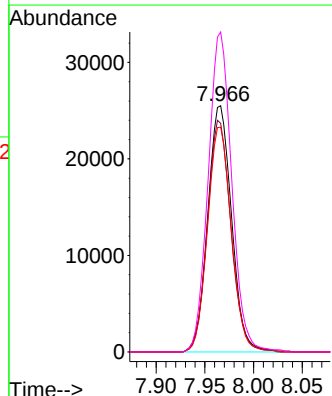
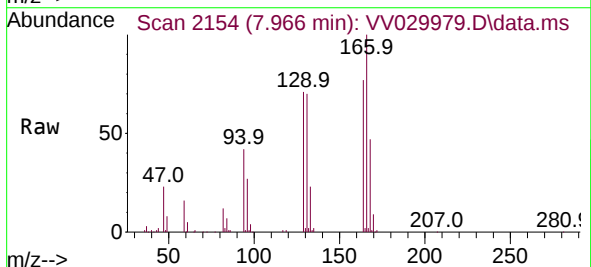
Ion Ratio Lower Upper

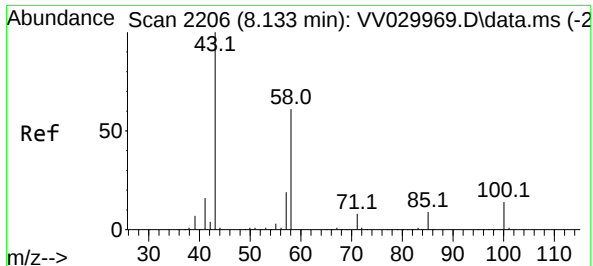
164 100

129 92.9 64.5 119.7

131 91.3 62.9 116.7

166 129.9 90.7 168.5



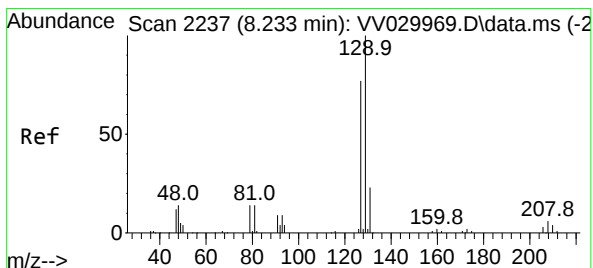
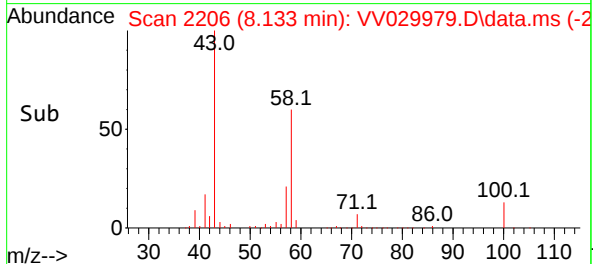
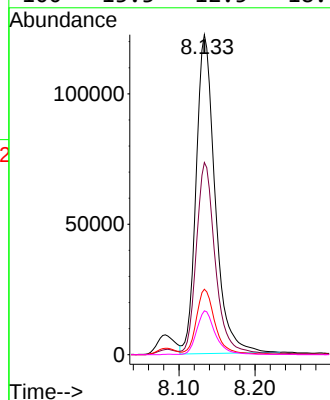
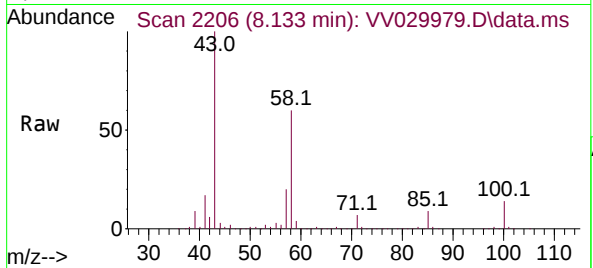


#48
2-Hexanone
Concen: 66.707 ug/L
RT: 8.133 min Scan# 212153
Delta R.T. 0.000 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 212153

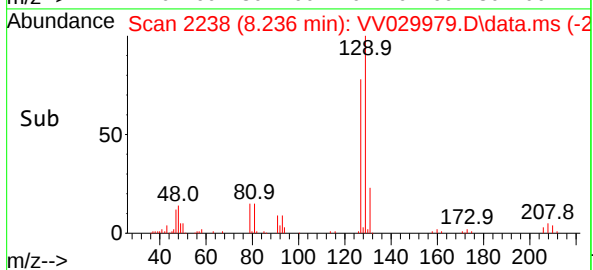
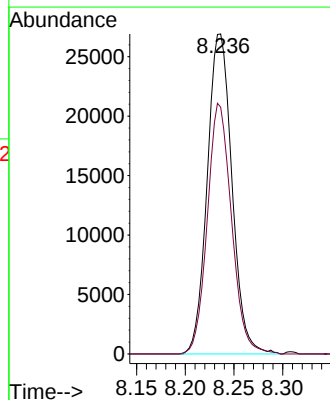
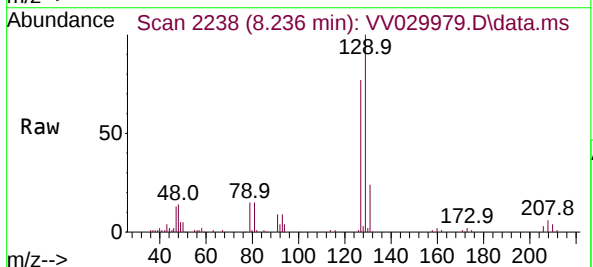
Ion	Ratio	Lower	Upper
43	100		
58	59.1	51.4	77.2
57	19.9	17.0	25.6
100	13.3	12.5	18.7

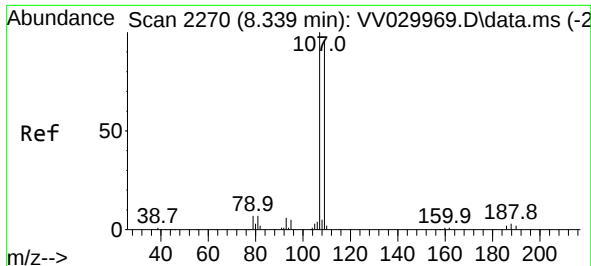


#49
Dibromochloromethane
Concen: 5.391 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

Tgt Ion: 129 Resp: 47528

Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.657 ug/L

RT: 8.342 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029979.D

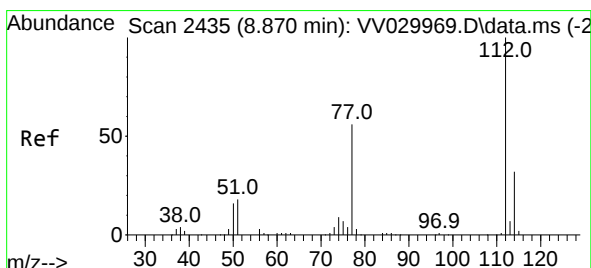
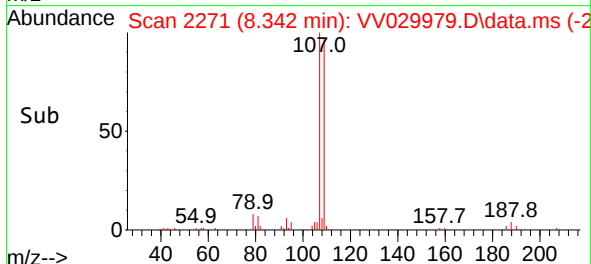
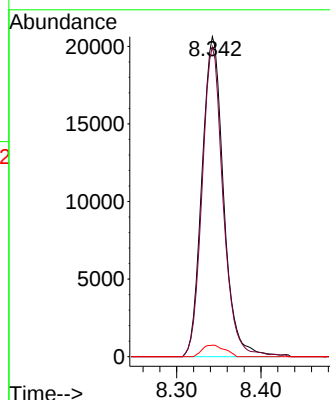
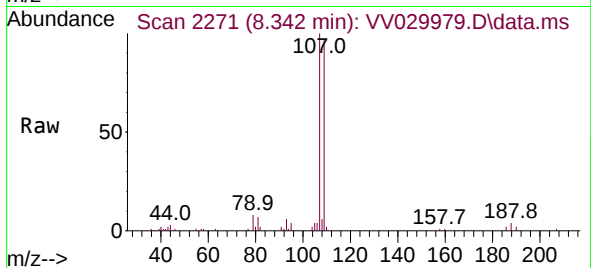
Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	36888
Ion Ratio	Lower	Upper
107	100	
109	96.8	66.1 122.7
188	3.6	2.9 4.3



#51

Chlorobenzene

Concen: 5.268 ug/L

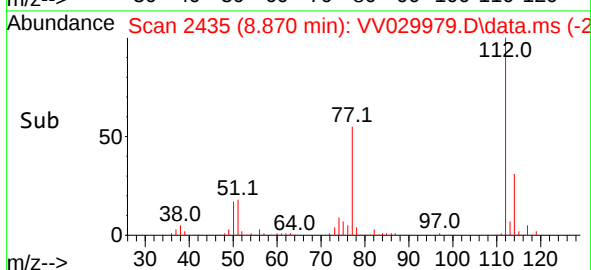
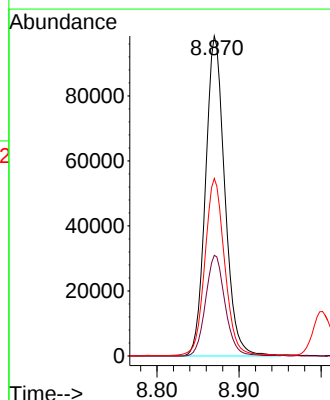
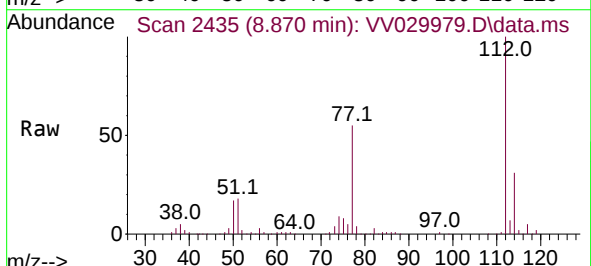
RT: 8.870 min Scan# 2435

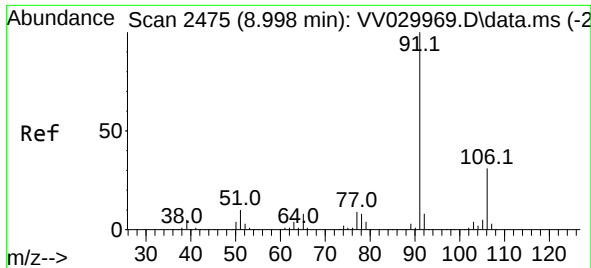
Delta R.T. 0.000 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Tgt Ion:112	Resp:	160609
Ion Ratio	Lower	Upper
112	100	
114	31.5	22.5 41.9
77	55.5	46.1 69.1

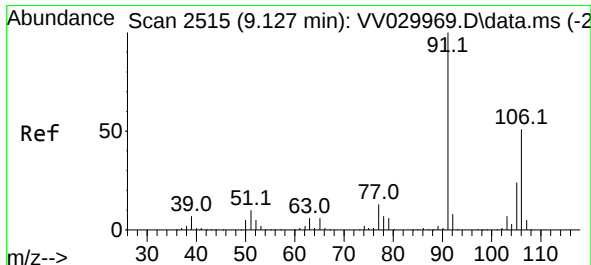
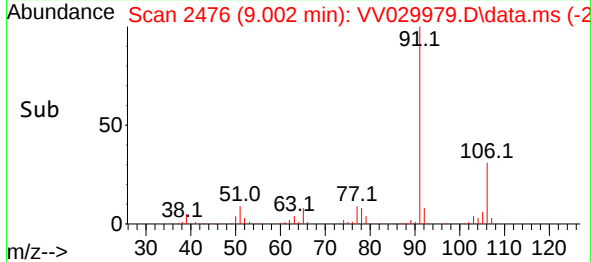
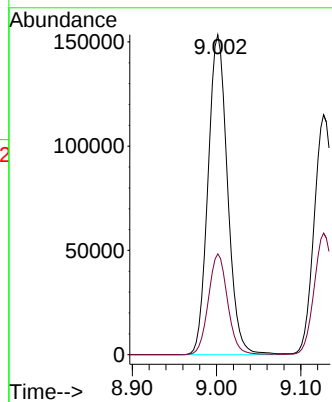
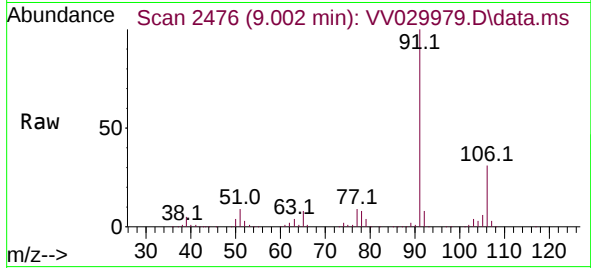




#52
Ethylbenzene
Concen: 4.911 ug/L
RT: 9.002 min Scan# 2475
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

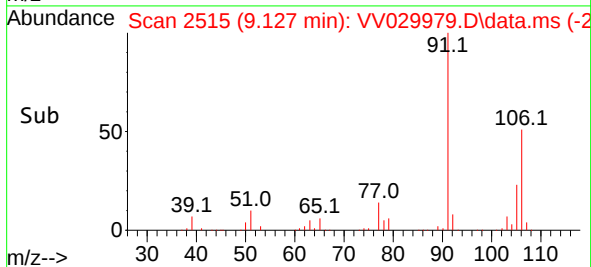
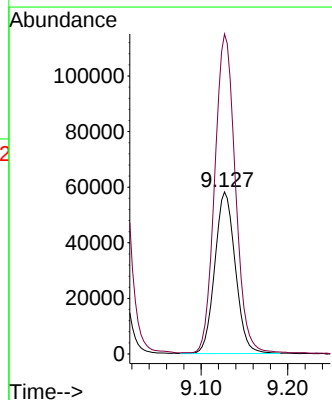
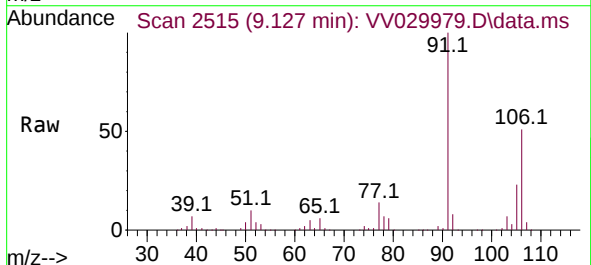
Instrument :
MSVOA_V
ClientSampleId :

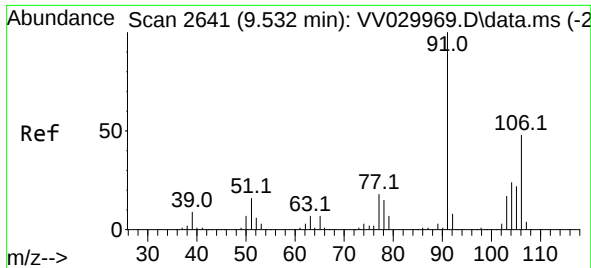
Tgt Ion: 91 Resp: 246789
Ion Ratio Lower Upper
91 100
106 31.5 21.9 40.7



#53
m,p-Xylene
Concen: 4.806 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. 0.000 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

Tgt Ion: 106 Resp: 95607
Ion Ratio Lower Upper
106 100
91 197.5 138.7 257.7

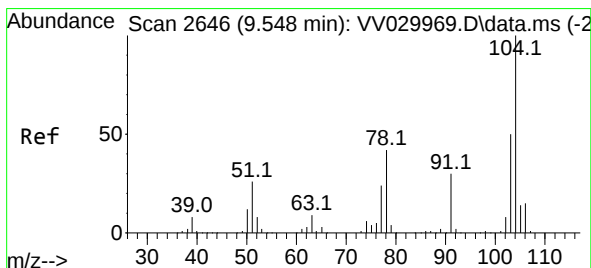
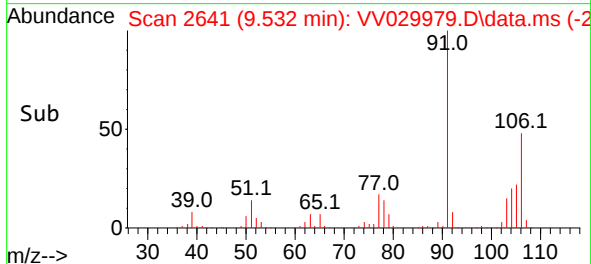
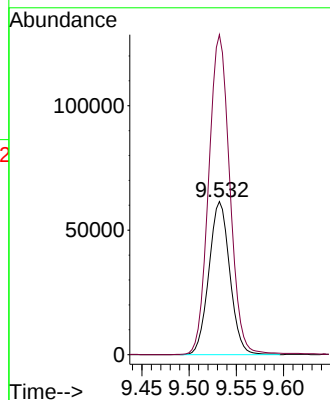
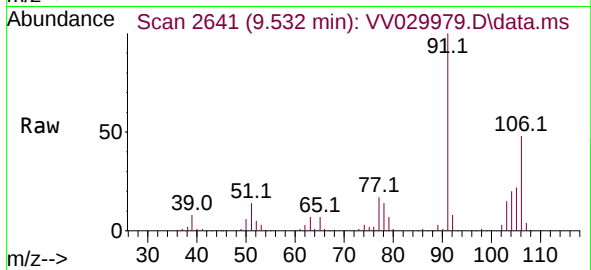




#54
o-Xylene
Concen: 5.010 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. 0.000 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

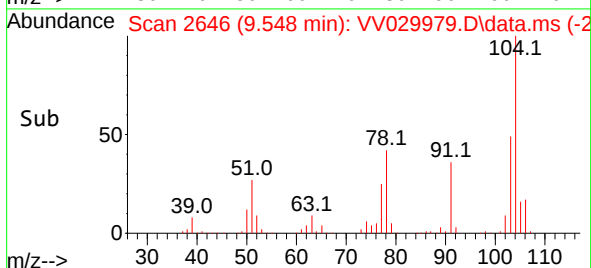
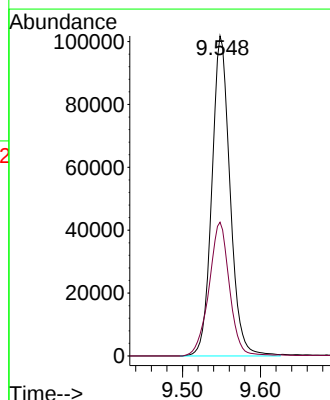
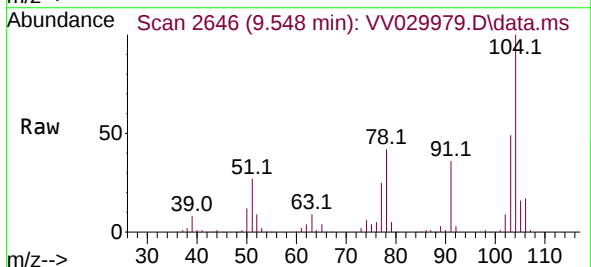
Instrument :
MSVOA_V
ClientSampleId :

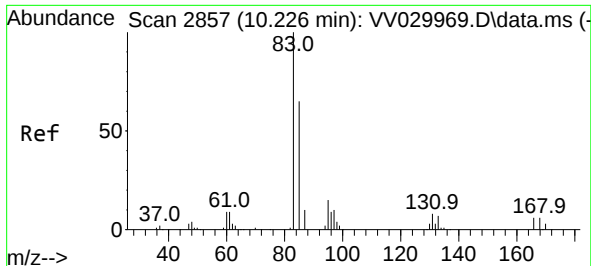
Tgt Ion:106 Resp: 94593
Ion Ratio Lower Upper
106 100
91 209.1 147.7 274.3



#55
Styrene
Concen: 5.093 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

Tgt Ion:104 Resp: 165364
Ion Ratio Lower Upper
104 100
78 41.8 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 6.331 ug/L

RT: 10.230 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

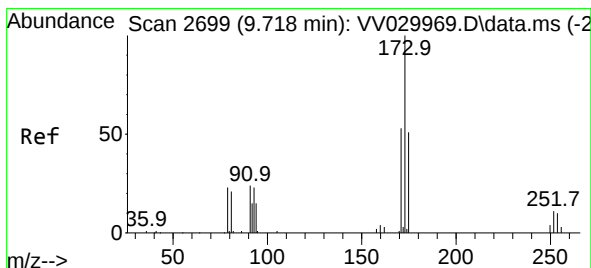
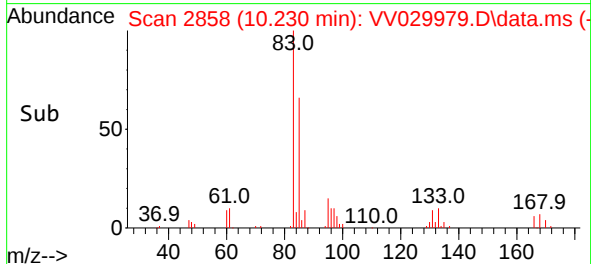
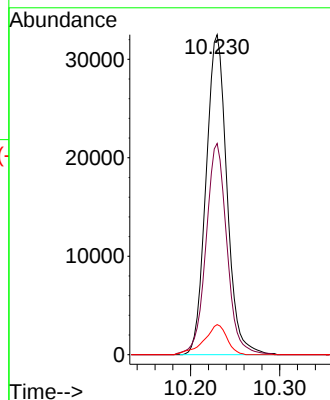
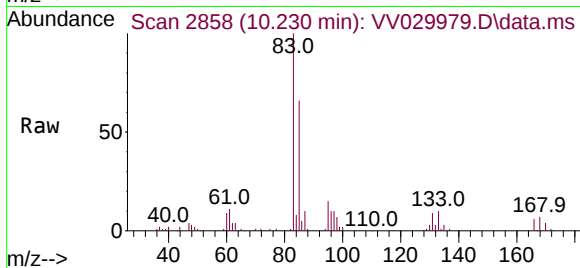
Tgt Ion: 83 Resp: 52832

Ion Ratio Lower Upper

83 100

85 66.0 46.0 85.4

131 9.4 8.4 12.6



#59

Bromoform

Concen: 4.468 ug/L

RT: 9.719 min Scan# 2699

Delta R.T. 0.000 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

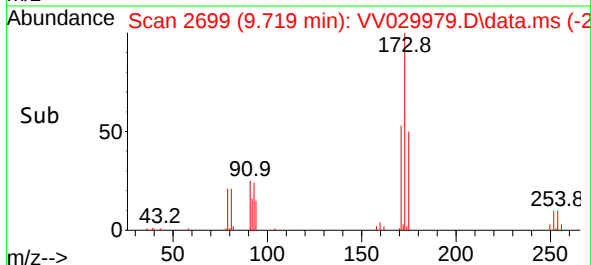
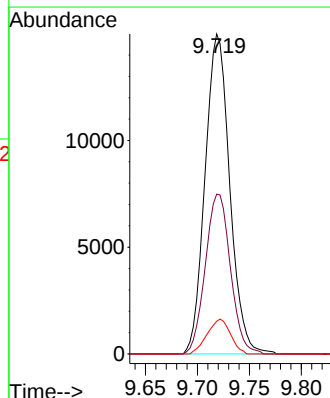
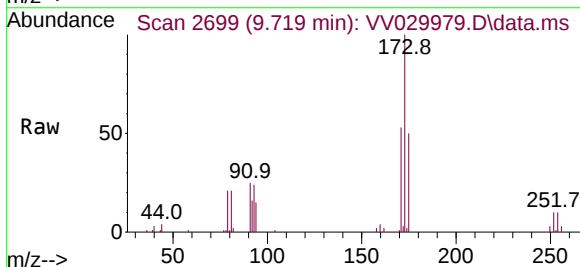
Tgt Ion: 173 Resp: 24753

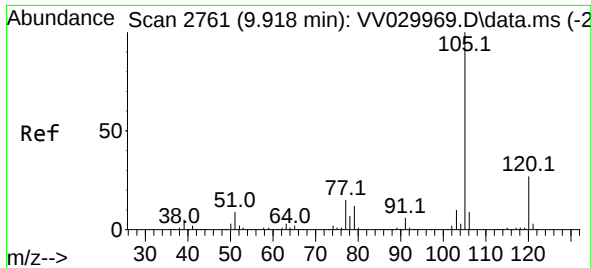
Ion Ratio Lower Upper

173 100

175 50.7 38.6 57.8

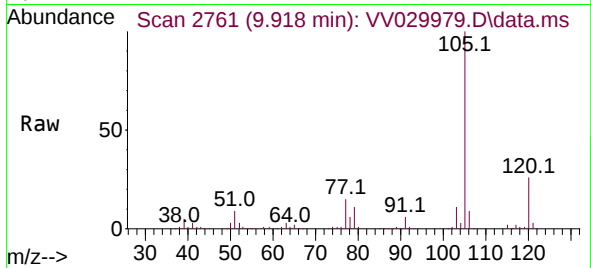
254 10.3 7.9 11.9



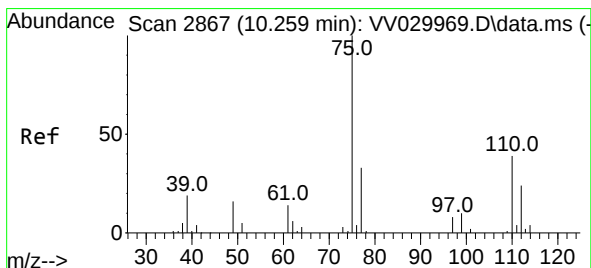
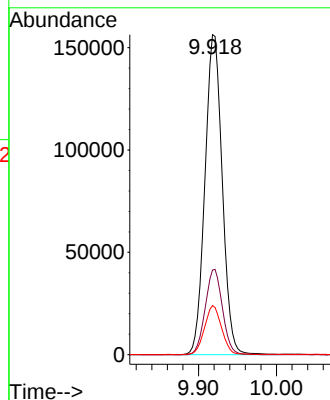
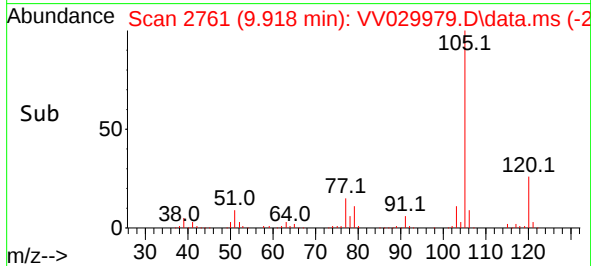


#60
Isopropylbenzene
Concen: 4.414 ug/L
RT: 9.918 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

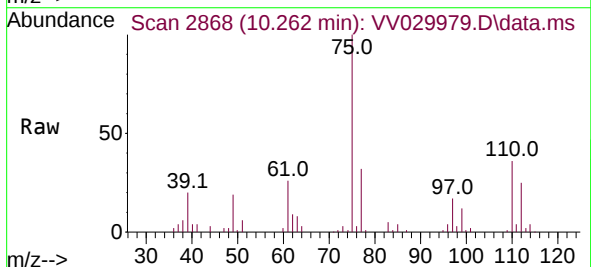
Instrument :
MSVOA_V
ClientSampleId :



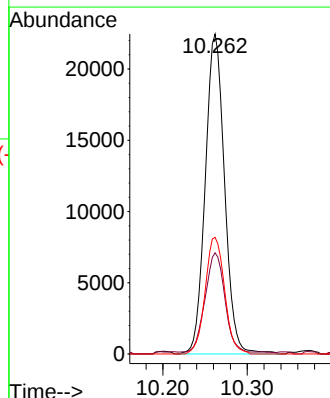
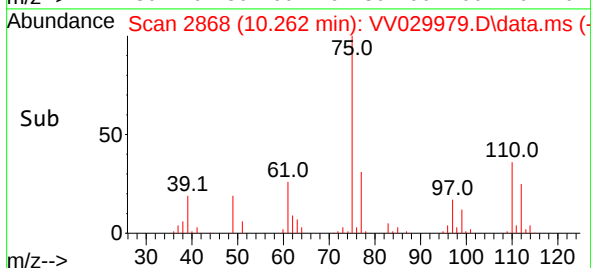
Tgt Ion:105 Resp: 241307
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.2 11.8 17.8

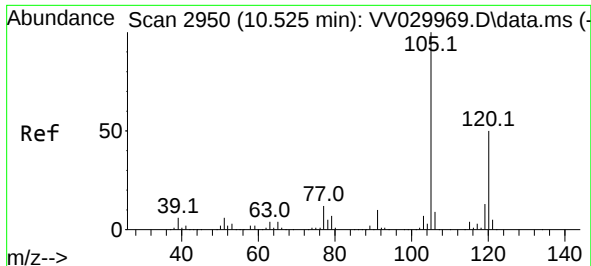


#61
1,2,3-Trichloropropane
Concen: 5.661 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. 0.003 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59



Tgt Ion: 75 Resp: 35853
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7
110 36.7 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 4.094 ug/L

RT: 10.526 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

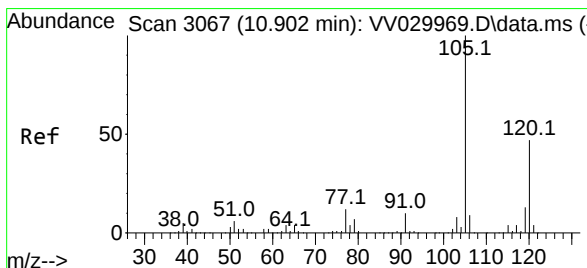
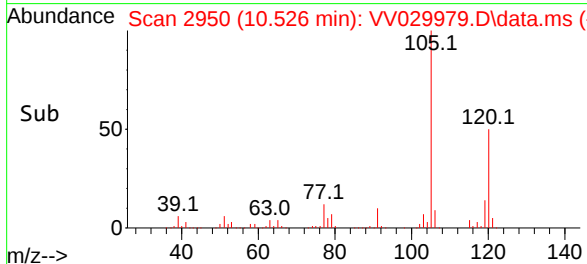
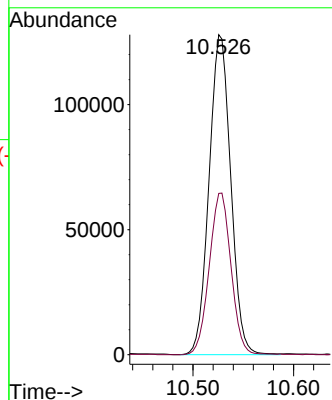
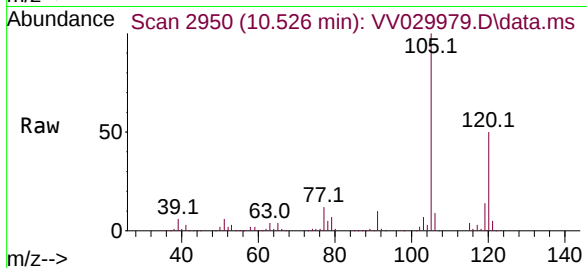
ClientSampleId :

Tgt Ion:105 Resp: 191799

Ion Ratio Lower Upper

105 100

120 50.7 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.328 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. 0.000 min

Lab File: VV029979.D

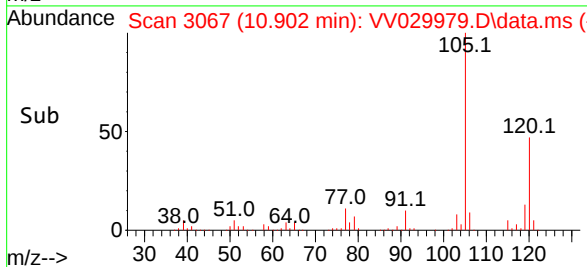
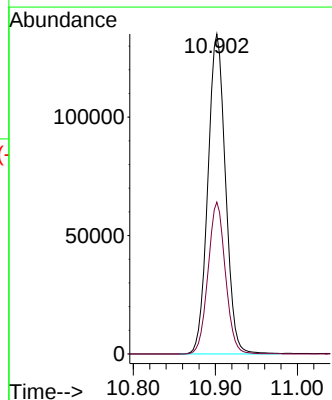
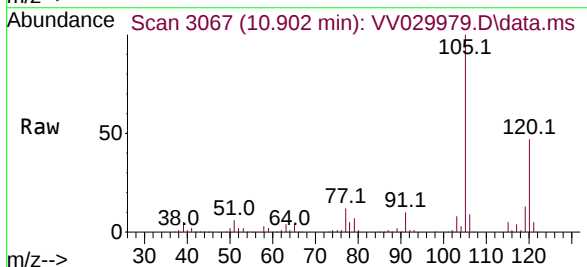
Acq: 27 Jan 2023 14:59

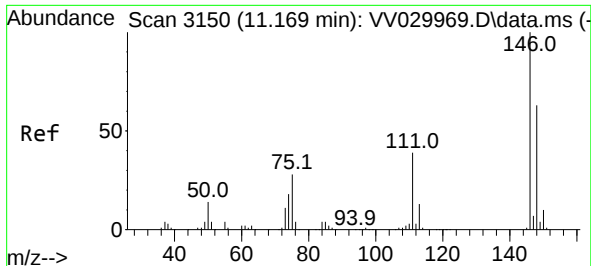
Tgt Ion:105 Resp: 202199

Ion Ratio Lower Upper

105 100

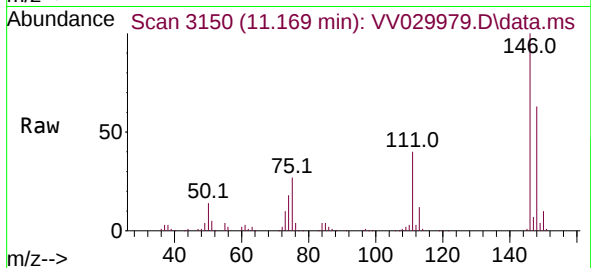
120 46.6 37.4 56.0



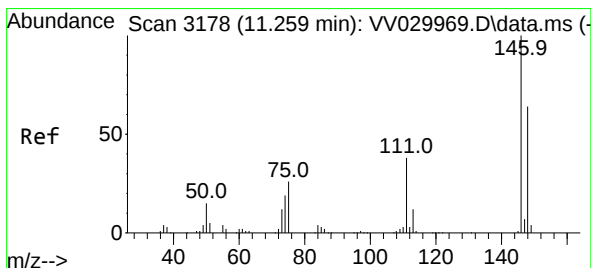
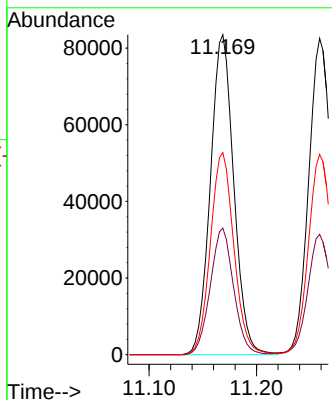
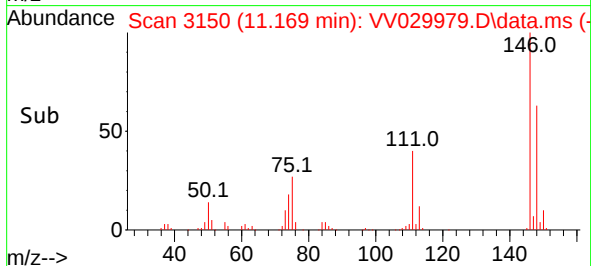


#64
1,3-Dichlorobenzene
Concen: 4.549 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59

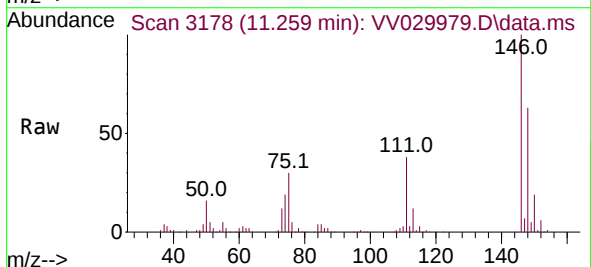
Instrument :
MSVOA_V
ClientSampleId :



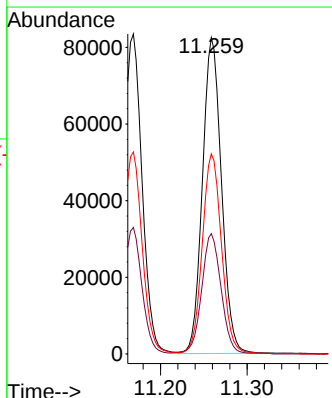
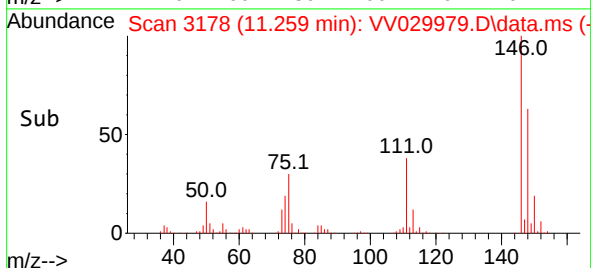
Tgt Ion:146 Resp: 126305
Ion Ratio Lower Upper
146 100
111 39.5 27.2 50.6
148 63.2 44.9 83.5

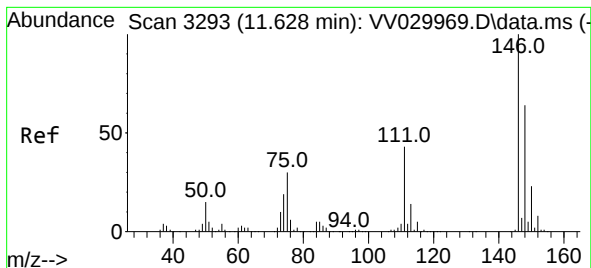


#65
1,4-Dichlorobenzene
Concen: 4.544 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. 0.000 min
Lab File: VV029979.D
Acq: 27 Jan 2023 14:59



Tgt Ion:146 Resp: 125756
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.1
148 63.3 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.718 ug/L

RT: 11.628 min Scan# 3293

Delta R.T. 0.000 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

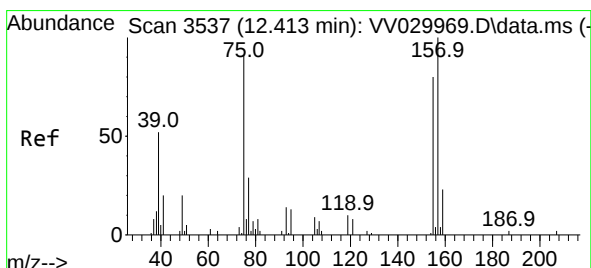
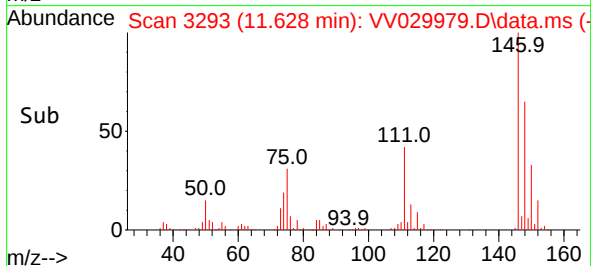
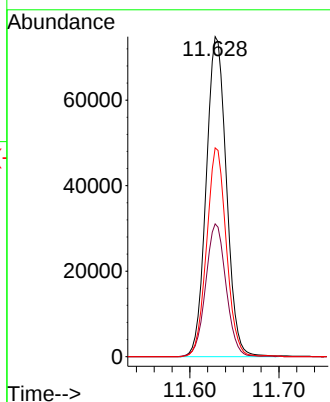
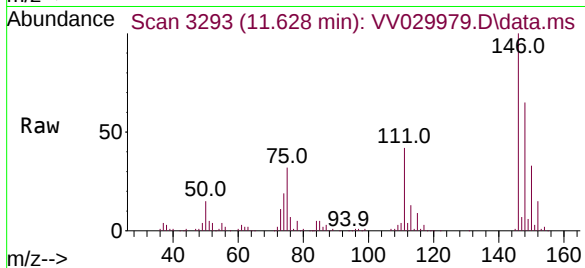
Tgt Ion:146 Resp: 117760

Ion Ratio Lower Upper

146 100

111 41.5 31.8 47.8

148 65.2 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.127 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. 0.000 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

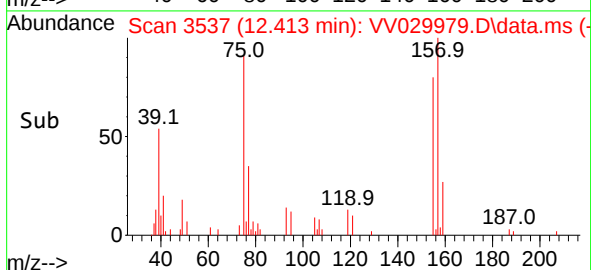
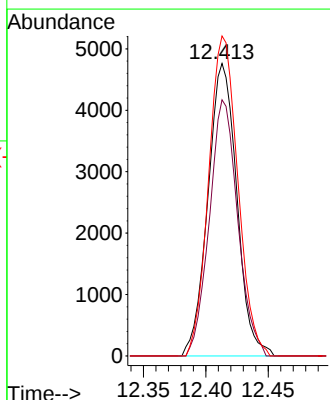
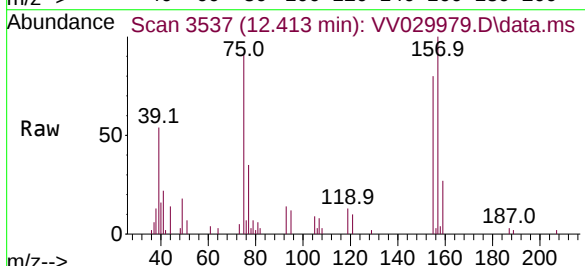
Tgt Ion: 75 Resp: 7679

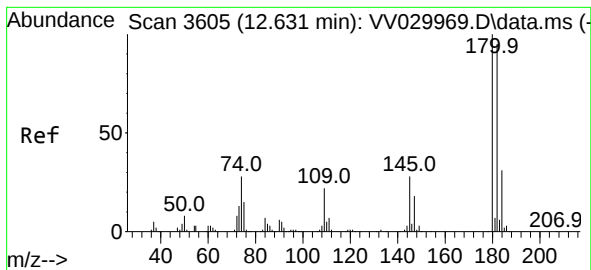
Ion Ratio Lower Upper

75 100

155 87.6 75.5 113.3

157 109.4 99.2 148.8





#69

1,3,5-Trichlorobenzene

Concen: 4.282 ug/L

RT: 12.632 min Scan# 3605

Delta R.T. 0.000 min

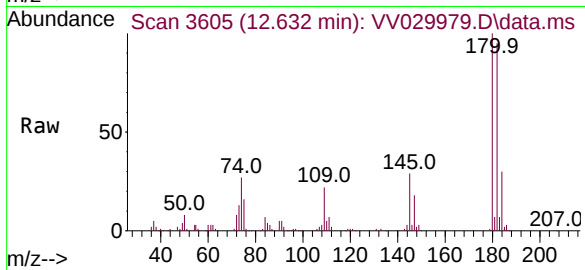
Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 95684

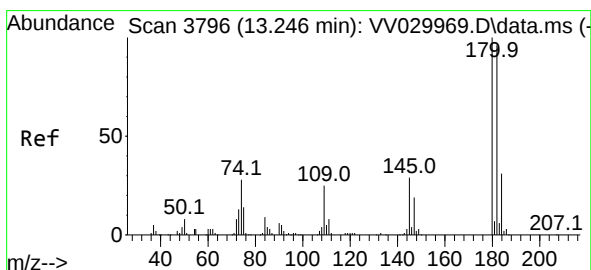
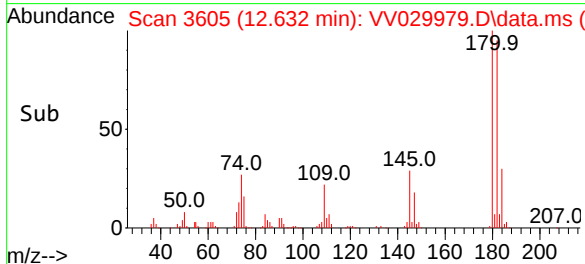
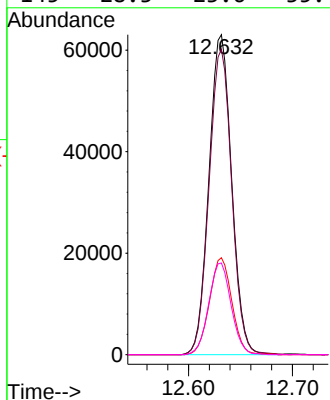
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.2

184 30.0 23.9 35.9

145 28.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.491 ug/L

RT: 13.246 min Scan# 3796

Delta R.T. 0.000 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

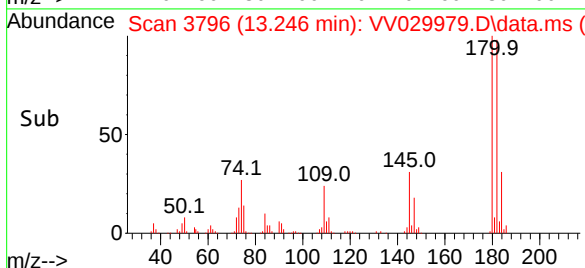
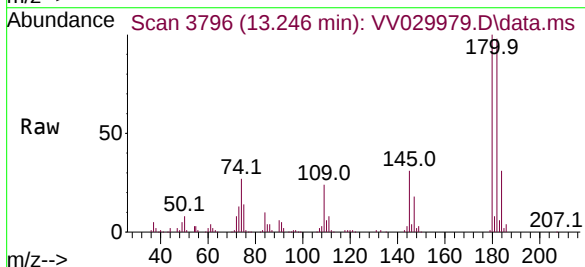
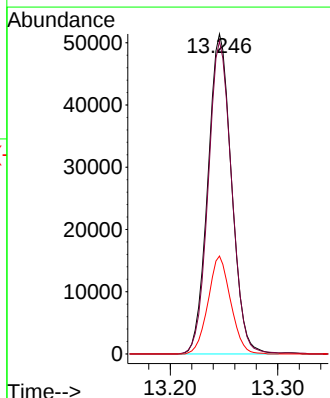
Tgt Ion:180 Resp: 78432

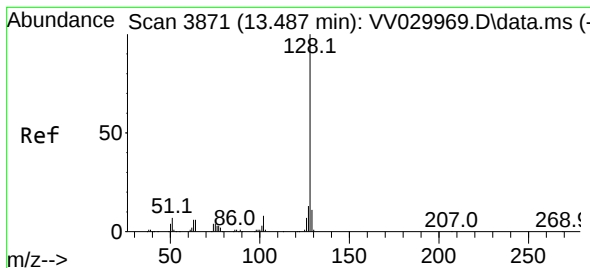
Ion Ratio Lower Upper

180 100

182 96.9 75.8 113.8

145 29.2 23.7 35.5





#71

Naphthalene

Concen: 4.946 ug/L

RT: 13.487 min Scan# 3871

Delta R.T. 0.000 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Instrument :

MSVOA_V

ClientSampleId :

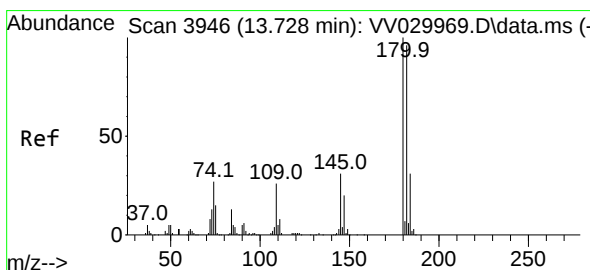
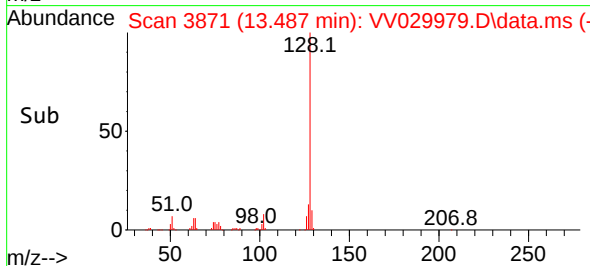
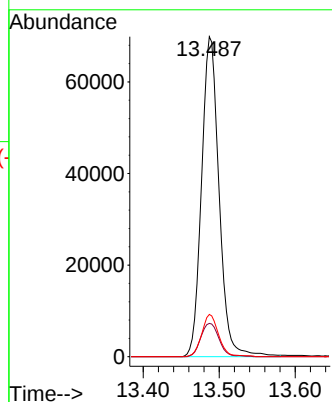
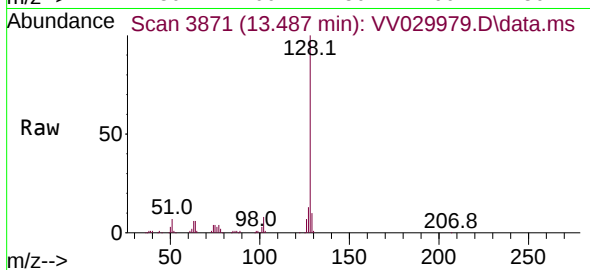
Tgt Ion:128 Resp: 111899

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.8 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 4.838 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. 0.000 min

Lab File: VV029979.D

Acq: 27 Jan 2023 14:59

Tgt Ion:180 Resp: 70124

Ion Ratio Lower Upper

180 100

182 96.2 75.5 113.3

145 30.0 25.0 37.6

