

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103123\
 Data File : VW032786.D
 Acq On : 31 Oct 2023 09:11
 Operator : SY/MD
 Sample : VSTD010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 05:12:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:10:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	335564	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	387300	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	202045	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30382	13.281	ug/L	0.00
7) Chloroethane-d5	1.532	69	25390	13.011	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	12620	12.986	ug/L	0.00
21) 2-Butanone-d5	3.809	46	20450	11.756	ug/L	0.02
24) Chloroform-d	4.256	84	47983	10.751	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	30840	11.463	ug/L	0.00
32) Benzene-d6	4.963	84	87144	8.603	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	27501	8.401	ug/L	0.00
41) Toluene-d8	7.246	98	83215	8.799	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	12977	8.136	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	14601	10.638	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41277	8.749	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	35338	9.596	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	31788	11.271	ug/L	98
3) Chloromethane	1.217	50	30818	10.227	ug/L	100
5) Vinyl chloride	1.285	62	32203	10.697	ug/L	99
6) Bromomethane	1.487	94	21213	12.169	ug/L	97
8) Chloroethane	1.552	64	21493	11.307	ug/L	96
9) Trichlorofluoromethane	1.716	101	49838	12.407	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	30734	12.666	ug/L	97
12) 1,1-Dichloroethene	2.072	96	26094	11.810	ug/L	86
13) Acetone	2.114	43	51874	28.162	ug/L	100
14) Carbon disulfide	2.243	76	58621	8.691	ug/L	100
15) Methyl Acetate	2.378	43	23321	8.015	ug/L	96
16) Methylene chloride	2.449	84	36772	13.326	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	24383	10.045	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	69567	8.834	ug/L	98
19) 1,1-Dichloroethane	3.117	63	47649	10.182	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	26528	9.842	ug/L	98
22) 2-Butanone	3.883	43	38472	17.073	ug/L	90
23) Bromochloromethane	4.153	128	15411	11.180	ug/L	94
25) Chloroform	4.285	83	53312	11.283	ug/L	99
27) 1,2-Dichloroethane	5.047	62	39699	11.184	ug/L	100
29) Cyclohexane	4.584	56	31214	6.246	ug/L #	94
30) 1,1,1-Trichloroethane	4.516	97	46963	9.913	ug/L	99
31) Carbon tetrachloride	4.738	117	40007	9.734	ug/L	98
33) Benzene	5.015	78	100310	8.453	ug/L	100
34) Trichloroethene	5.838	95	28017	8.559	ug/L	94
35) Methylcyclohexane	6.053	83	34491	6.574	ug/L	94
37) 1,2-Dichloropropane	6.098	63	25238	7.633	ug/L #	92
38) Bromodichloromethane	6.439	83	42598	10.153	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	35504	7.002	ug/L	97
40) 4-Methyl-2-pentanone	7.166	43	56845	12.215	ug/L	99
42) Toluene	7.320	91	113076	8.745	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	39190	8.228	ug/L	96

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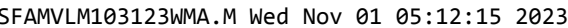
Quant Time: Nov 01 05:12:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:10:30 2023
 Response via : Initial Calibration

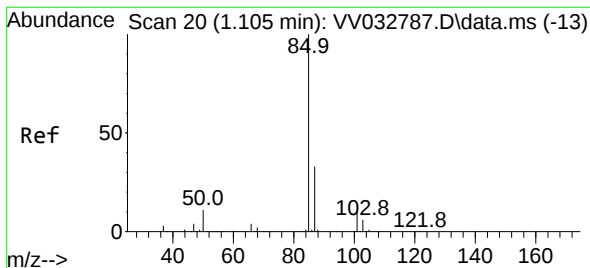
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	30774	9.690	ug/L	94
46) Tetrachloroethene	7.908	164	27184	11.017	ug/L	94
48) 2-Hexanone	8.082	43	53403	14.402	ug/L #	96
49) Dibromochloromethane	8.178	129	32113	10.134	ug/L	99
50) 1,2-Dibromoethane	8.284	107	31958	9.540	ug/L #	97
51) Chlorobenzene	8.818	112	83287	9.917	ug/L	99
52) Ethylbenzene	8.950	91	118633	8.260	ug/L	100
53) m,p-Xylene	9.079	106	44137	8.166	ug/L	99
54) o-Xylene	9.481	106	42965	8.135	ug/L	94
55) Styrene	9.500	104	71664	7.849	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	47098	9.647	ug/L	99
59) Bromoform	9.667	173	21994	9.984	ug/L #	97
60) Isopropylbenzene	9.870	105	113297	8.292	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	33959	9.097	ug/L	95
62) 1,3,5-Trimethylbenzene	10.477	105	82625	7.398	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	75112	6.852	ug/L	97
64) 1,3-Dichlorobenzene	11.120	146	62667	9.629	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	67164	10.175	ug/L	96
67) 1,2-Dichlorobenzene	11.583	146	64748	10.108	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	8689	8.491	ug/L	97
69) 1,3,5-Trichlorobenzene	12.587	180	44309	9.405	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	36041	8.281	ug/L	96
71) Naphthalene	13.442	128	80626	5.801	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	37285	8.526	ug/L	98

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

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QLast Update : Wed Nov 01 05:10:30 2023
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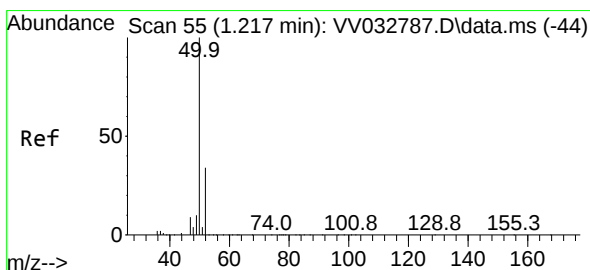
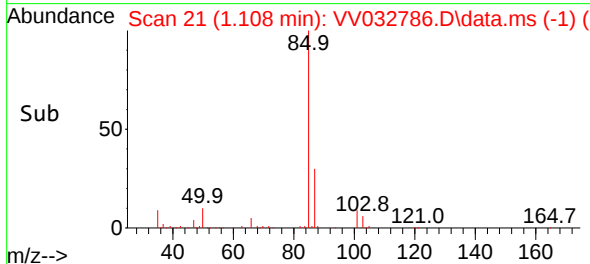
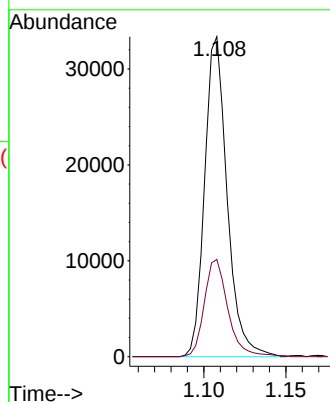
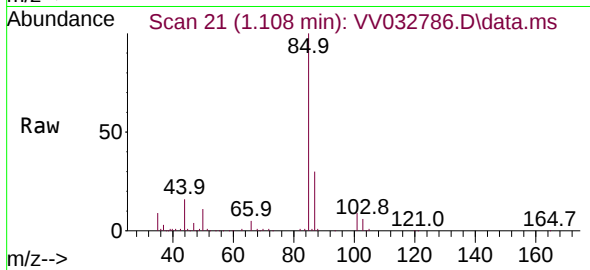




#2
 Dichlorodifluoromethane
 Concen: 11.271 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032786.D
 Acq: 31 Oct 2023 09:11

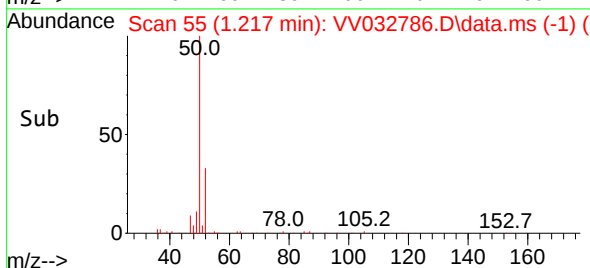
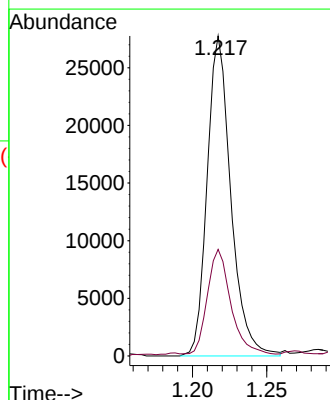
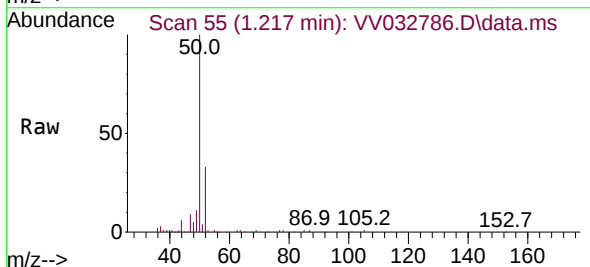
Instrument :
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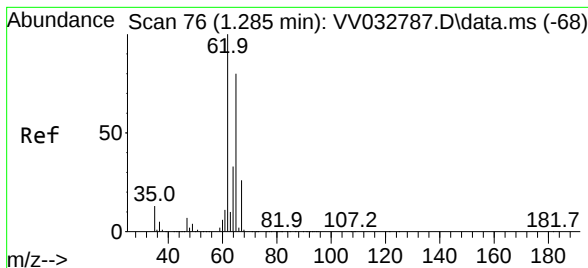
Tgt Ion: 85 Resp: 31788
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.2 39.4



#3
 Chloromethane
 Concen: 10.227 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV032786.D
 Acq: 31 Oct 2023 09:11

Tgt Ion: 50 Resp: 30818
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.5 43.7

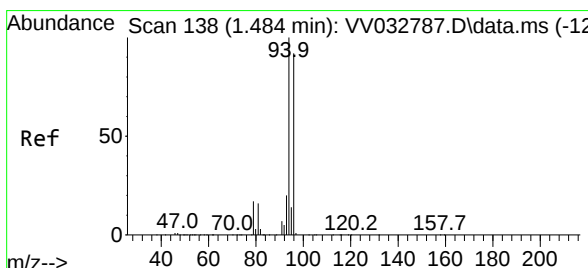
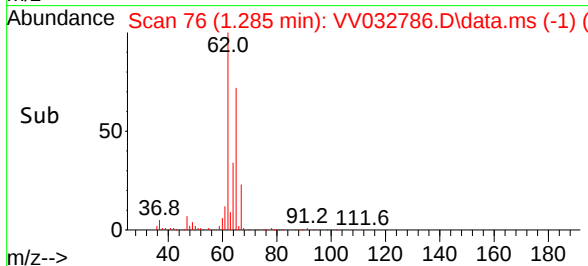
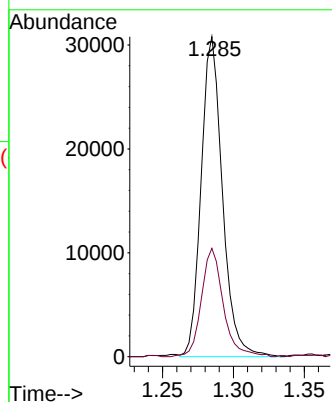
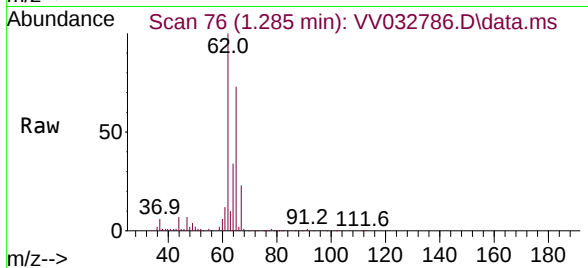




#5
 Vinyl chloride
 Concen: 10.697 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV032786.D
 Acq: 31 Oct 2023 09:11

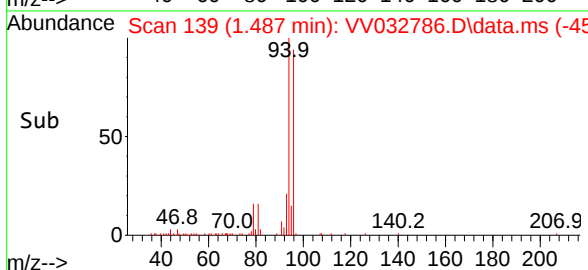
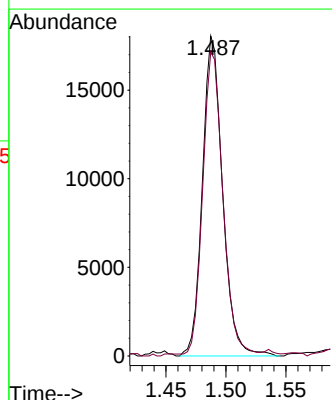
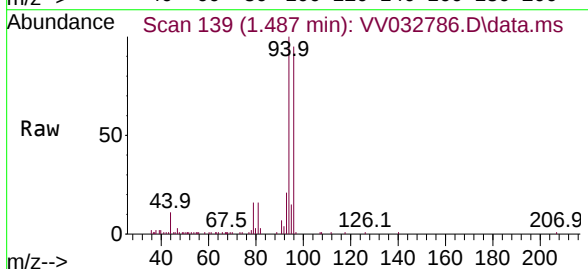
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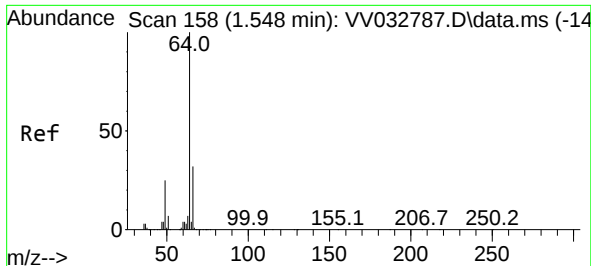
Tgt Ion: 62 Resp: 32203
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.2 43.0



#6
 Bromomethane
 Concen: 12.169 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV032786.D
 Acq: 31 Oct 2023 09:11

Tgt Ion: 94 Resp: 21213
 Ion Ratio Lower Upper
 94 100
 96 95.0 64.2 119.2

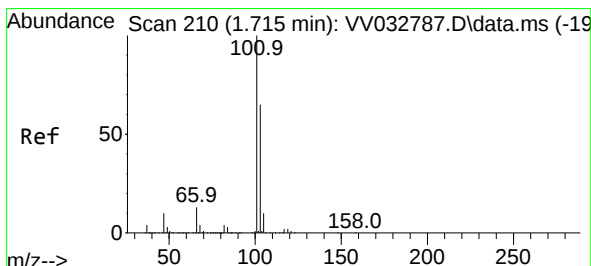
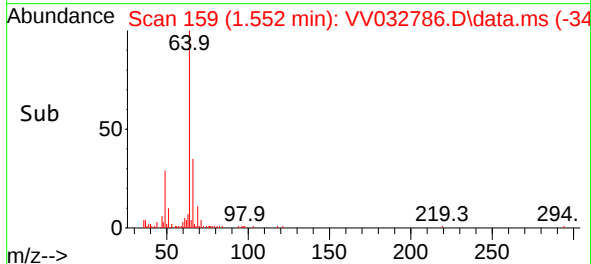
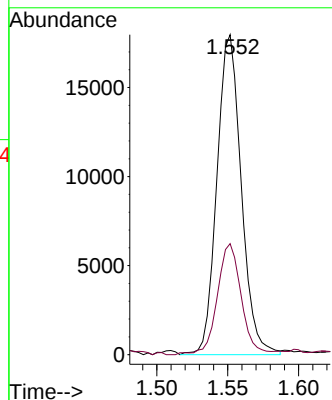
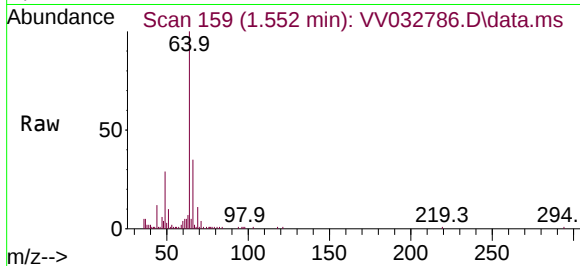




#8
Chloroethane
Concen: 11.307 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

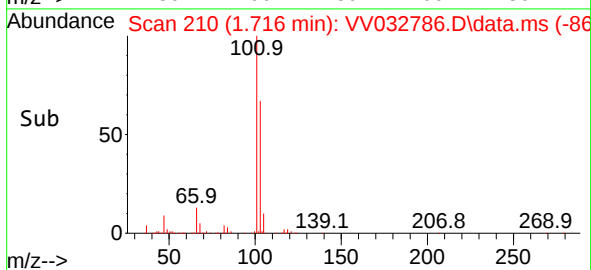
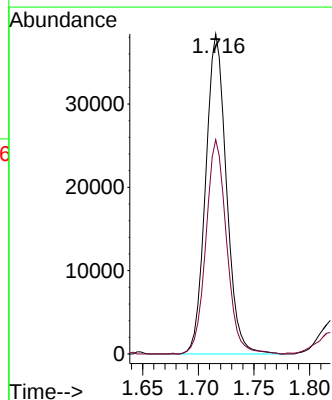
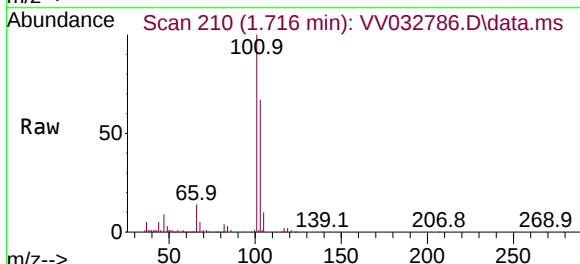
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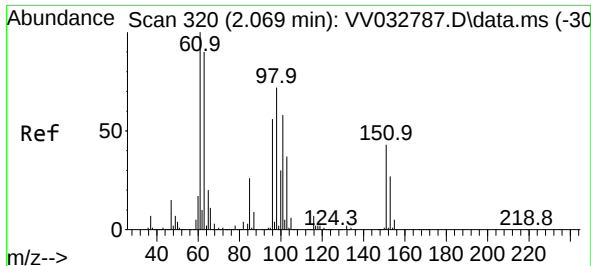
Tgt Ion: 64 Resp: 21493
Ion Ratio Lower Upper
64 100
66 34.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 12.407 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Tgt Ion:101 Resp: 49838
Ion Ratio Lower Upper
101 100
103 66.8 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 12.666 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

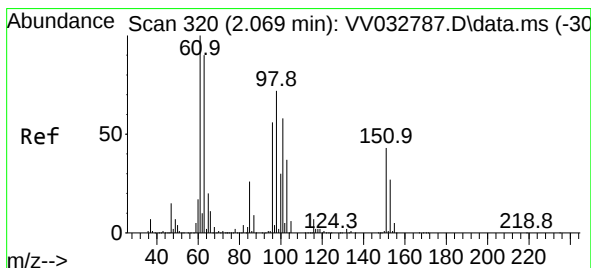
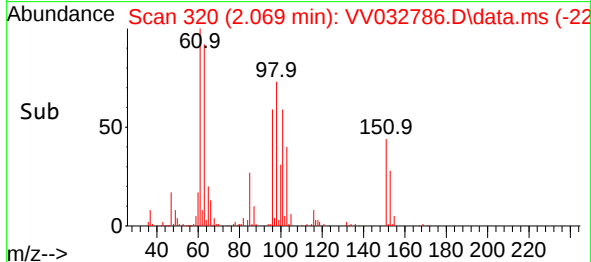
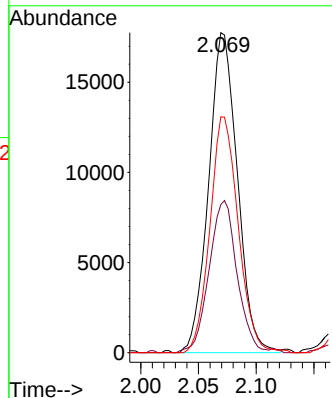
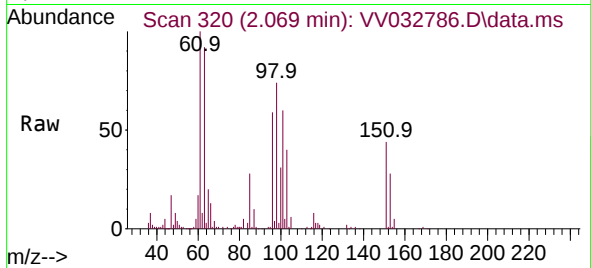
Tgt Ion:101 Resp: 30734

Ion Ratio Lower Upper

101 100

85 46.3 35.6 53.4

151 72.8 59.9 89.9



#12

1,1-Dichloroethene

Concen: 11.810 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

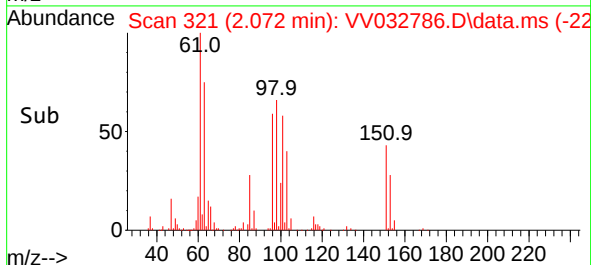
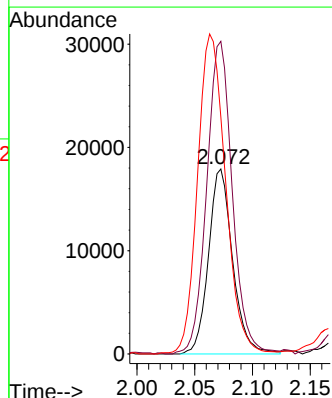
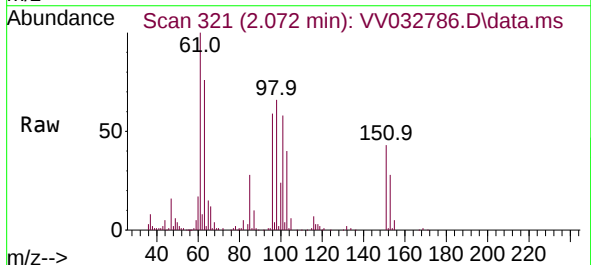
Tgt Ion: 96 Resp: 26094

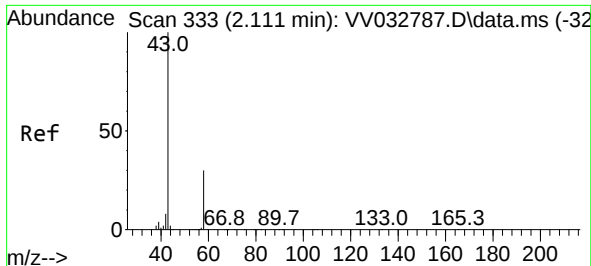
Ion Ratio Lower Upper

96 100

61 169.0 124.2 230.6

63 128.2 111.8 207.6





#13

Acetone

Concen: 28.162 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

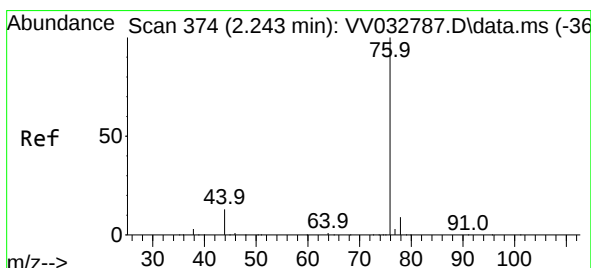
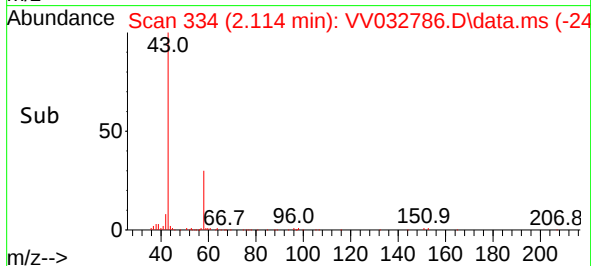
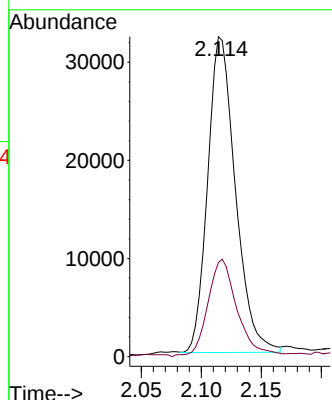
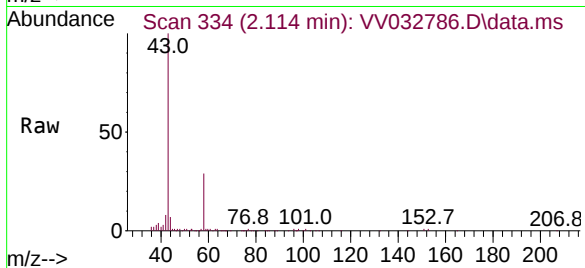
ClientSampleId :

Tgt Ion: 43 Resp: 51874

Ion Ratio Lower Upper

43 100

58 30.6 0.0 61.2



#14

Carbon disulfide

Concen: 8.691 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032786.D

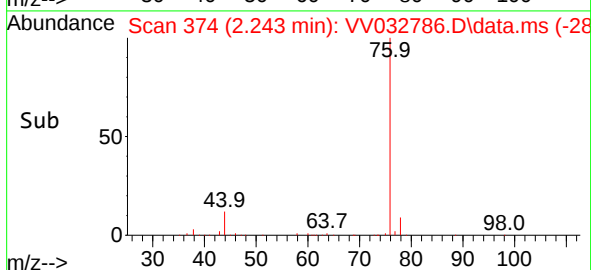
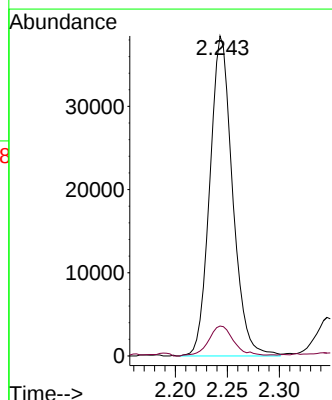
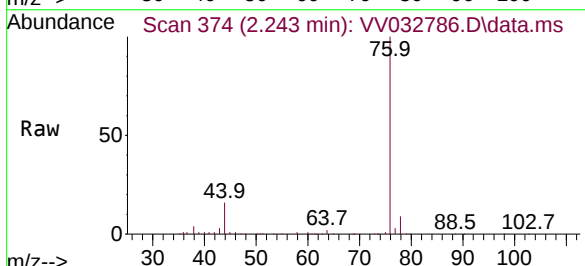
Acq: 31 Oct 2023 09:11

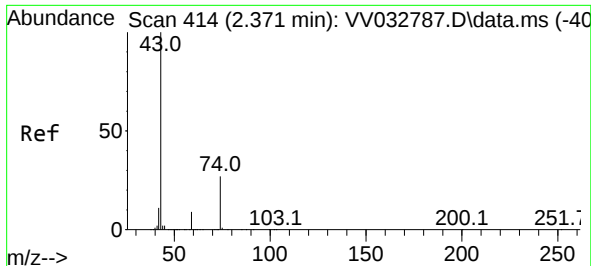
Tgt Ion: 76 Resp: 58621

Ion Ratio Lower Upper

76 100

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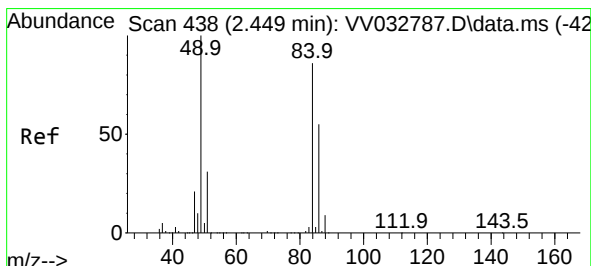
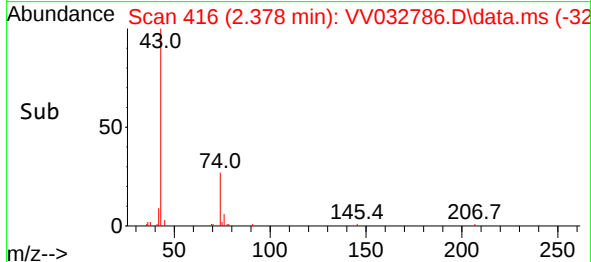
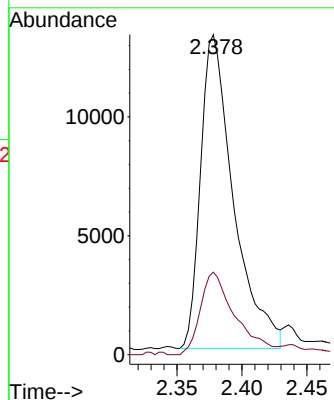
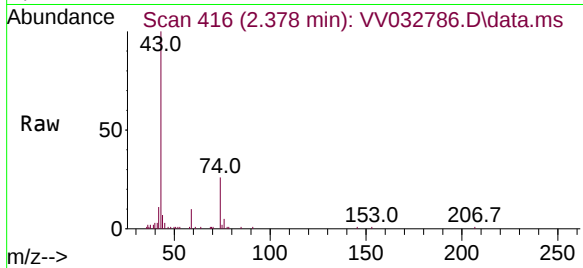




#15
Methyl Acetate
Concen: 8.015 ug/L
RT: 2.378 min Scan# 414
Delta R.T. 0.007 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

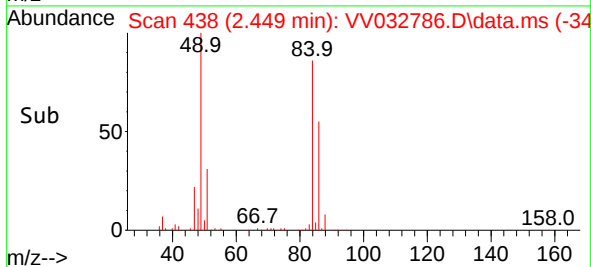
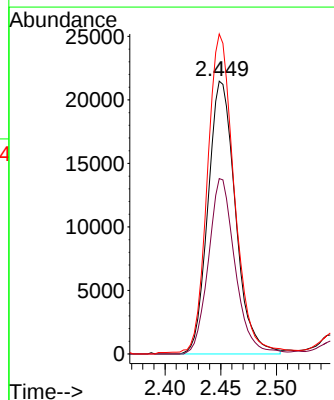
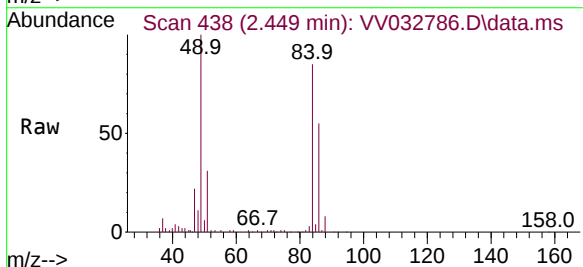
Instrument :
MSVOA_V
ClientSampleId :

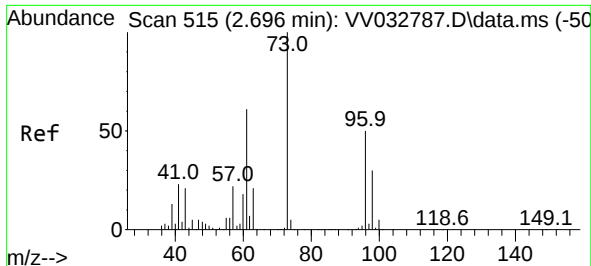
Tgt Ion: 43 Resp: 23321
Ion Ratio Lower Upper
43 100
74 27.8 20.6 30.8



#16
Methylene chloride
Concen: 13.326 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Tgt Ion: 84 Resp: 36772
Ion Ratio Lower Upper
84 100
86 64.3 45.0 83.6
49 117.3 81.2 150.8

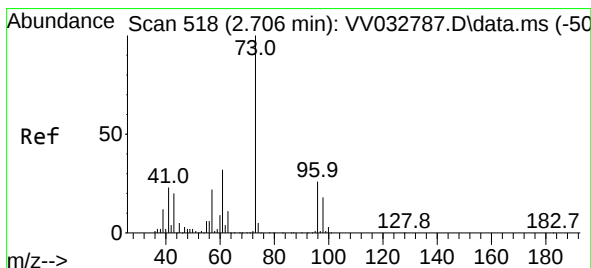
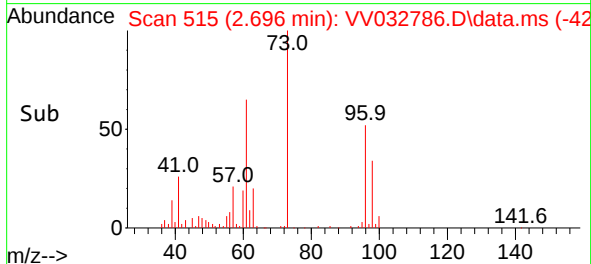
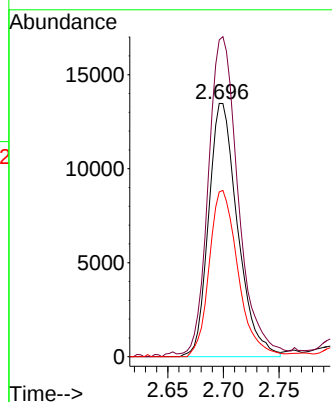
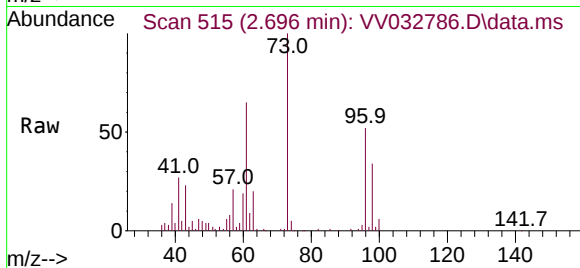




#17
trans-1,2-Dichloroethene
Concen: 10.045 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

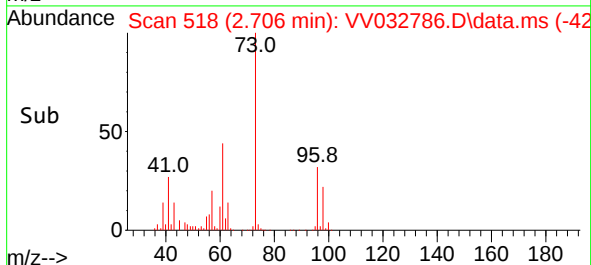
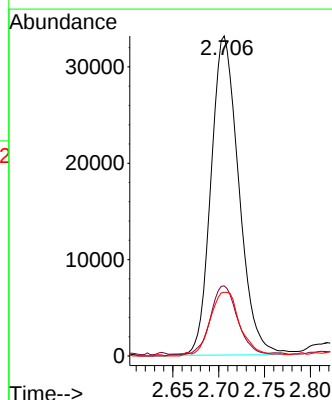
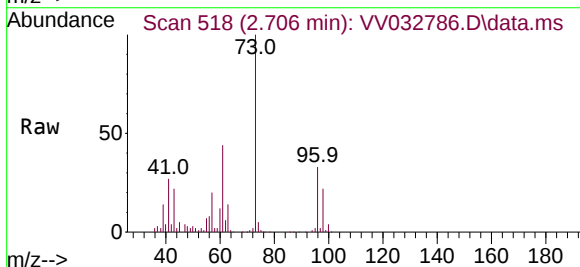
Instrument :
MSVOA_V
ClientSampleId :

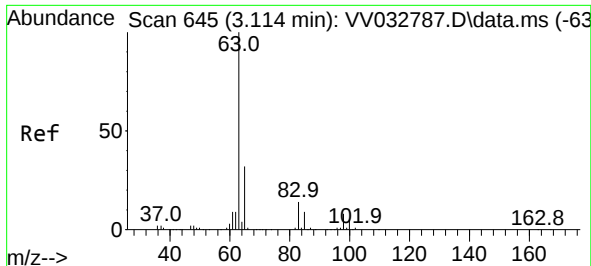
Tgt Ion: 96 Resp: 24383
Ion Ratio Lower Upper
96 100
61 125.1 86.9 161.3
98 65.1 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 8.834 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Tgt Ion: 73 Resp: 69567
Ion Ratio Lower Upper
73 100
43 20.2 16.1 24.1
57 20.4 17.4 26.0





#19

1,1-Dichloroethane

Concen: 10.182 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

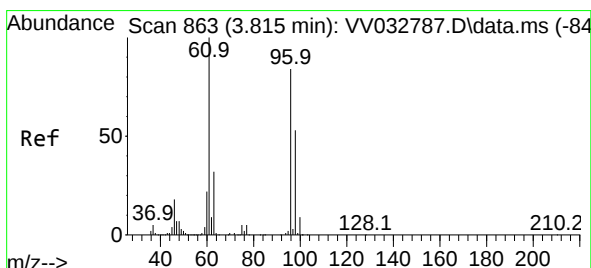
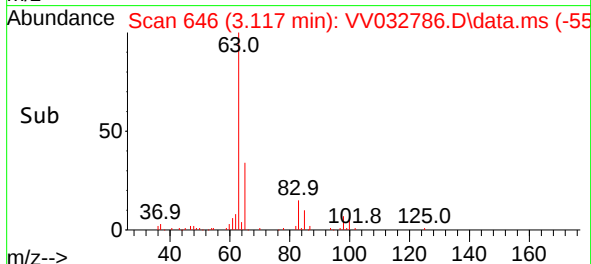
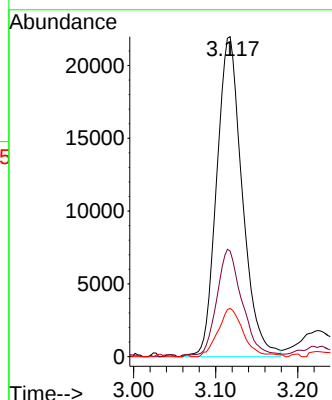
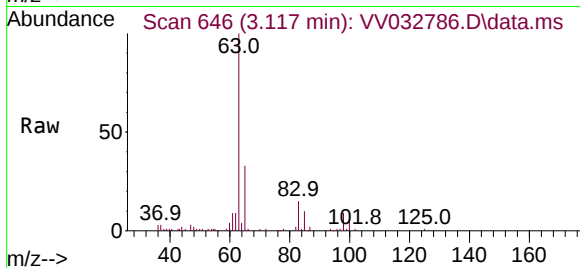
Tgt Ion: 63 Resp: 47649

Ion Ratio Lower Upper

63 100

65 33.0 22.3 41.5

83 15.1 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 9.842 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.007 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

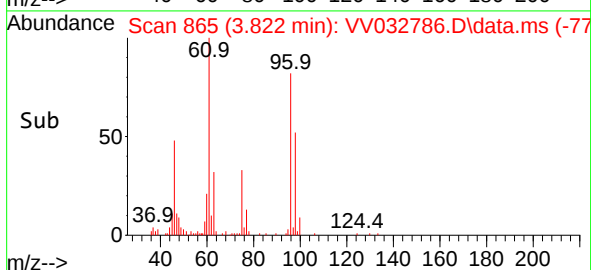
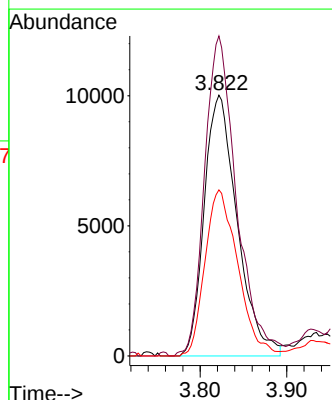
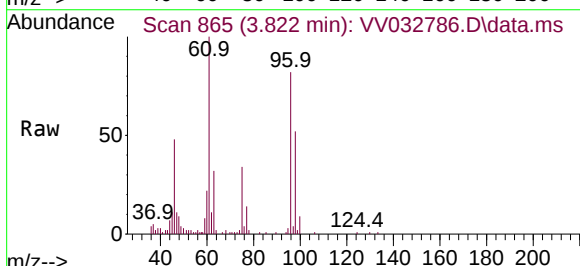
Tgt Ion: 96 Resp: 26528

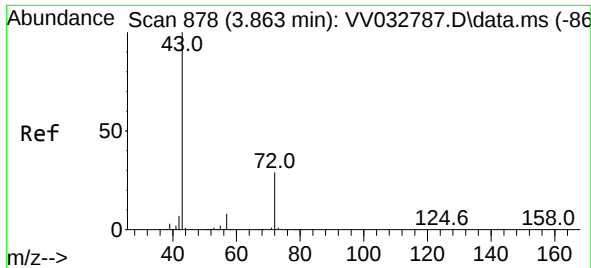
Ion Ratio Lower Upper

96 100

61 122.7 83.3 154.7

98 63.7 44.2 82.2

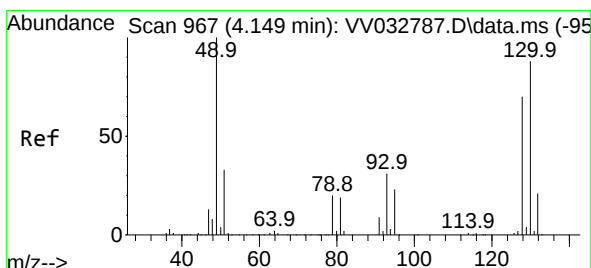
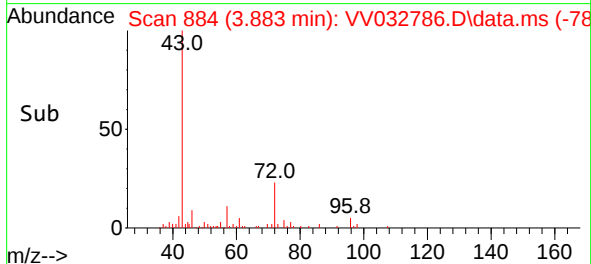
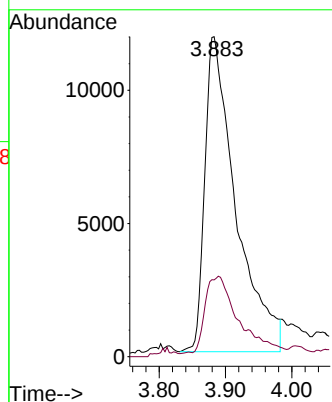
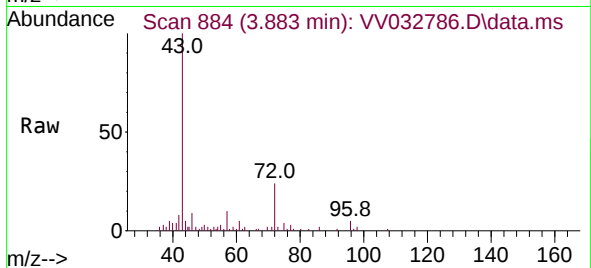




#22
2-Butanone
Concen: 17.073 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.019 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

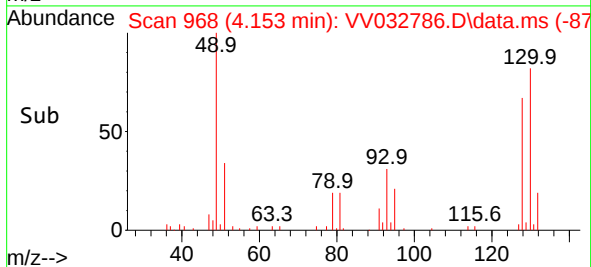
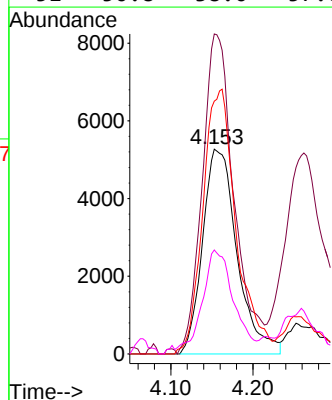
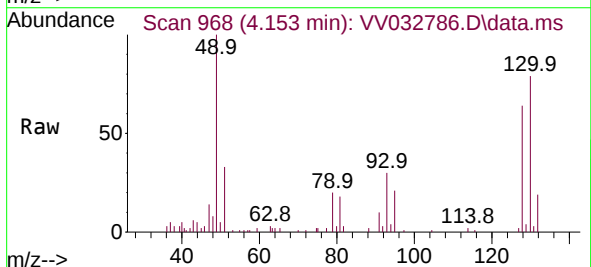
Instrument :
MSVOA_V
ClientSampleId :

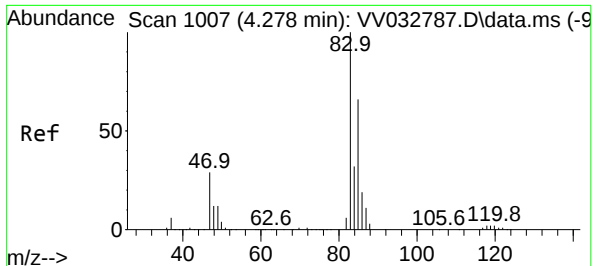
Tgt Ion: 43 Resp: 38472
Ion Ratio Lower Upper
43 100
72 21.5 13.5 40.4



#23
Bromochloromethane
Concen: 11.180 ug/L
RT: 4.153 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Tgt Ion: 128 Resp: 15411
Ion Ratio Lower Upper
128 100
49 156.3 101.0 187.6
130 123.5 88.5 164.4
51 50.8 38.0 57.0





#25

Chloroform

Concen: 11.283 ug/L

RT: 4.285 min Scan# 1007

Delta R.T. 0.007 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

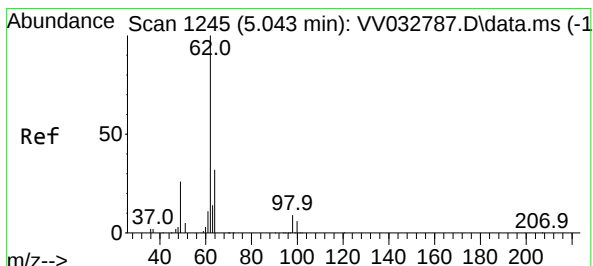
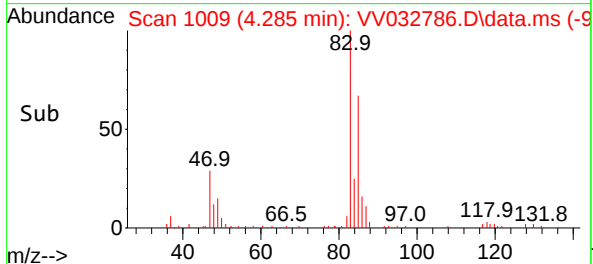
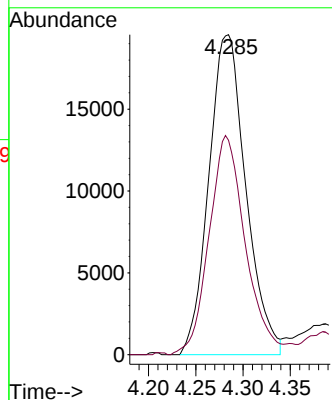
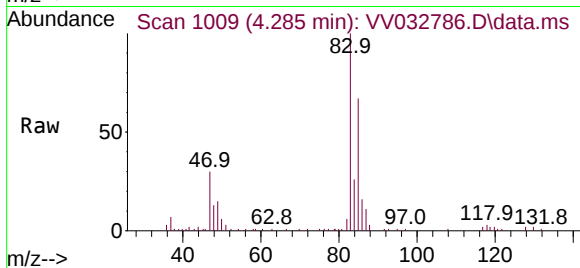
ClientSampleId :

Tgt Ion: 83 Resp: 53312

Ion Ratio Lower Upper

83 100

85 67.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 11.184 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV032786.D

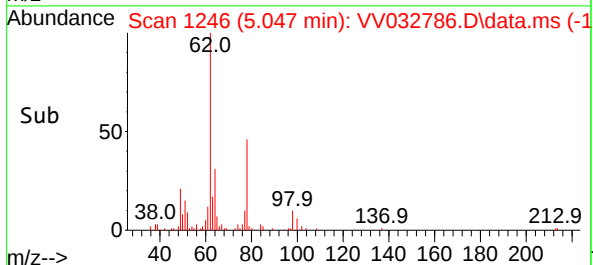
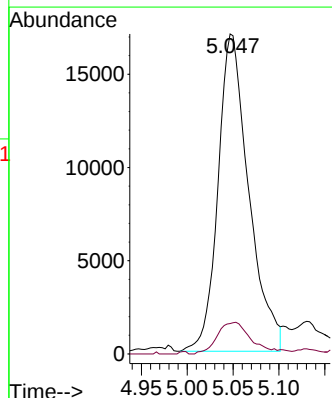
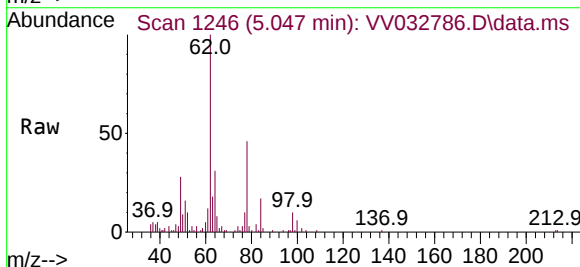
Acq: 31 Oct 2023 09:11

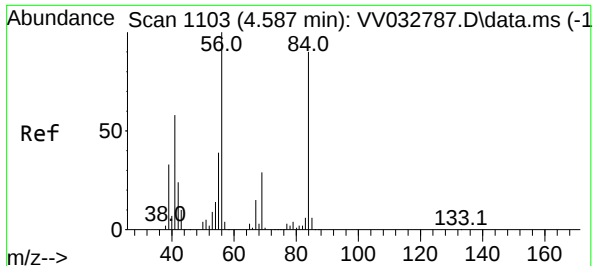
Tgt Ion: 62 Resp: 39699

Ion Ratio Lower Upper

62 100

98 9.5 7.5 11.3





#29

Cyclohexane

Concen: 6.246 ug/L

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV032786.D

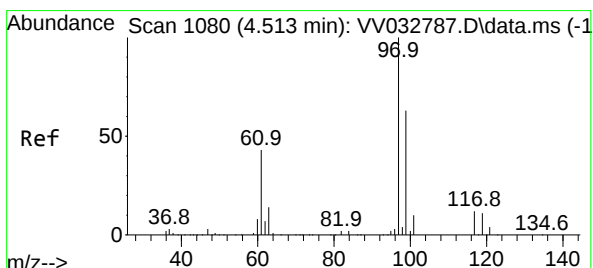
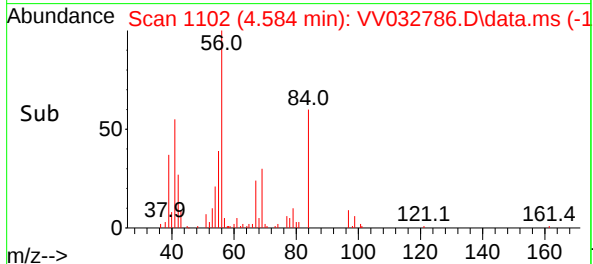
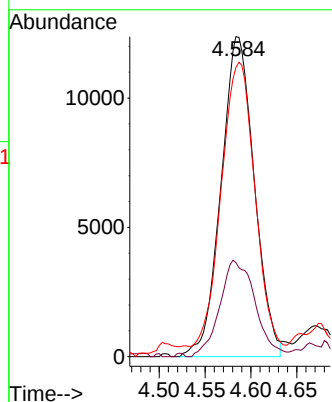
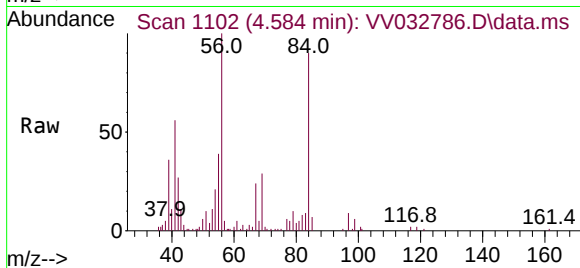
Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	56	Resp:	31214
Ion Ratio	Lower	Upper	
56	100		
69	32.1	13.4	20.0#
84	94.8	75.3	112.9



#30

1,1,1-Trichloroethane

Concen: 9.913 ug/L

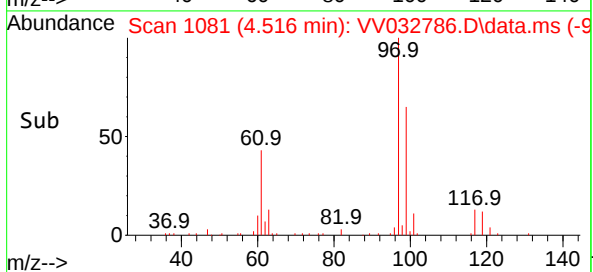
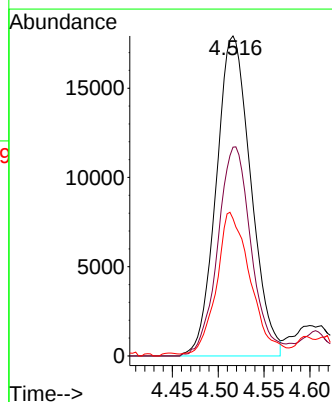
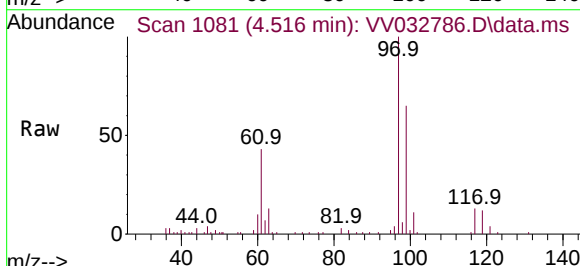
RT: 4.516 min Scan# 1081

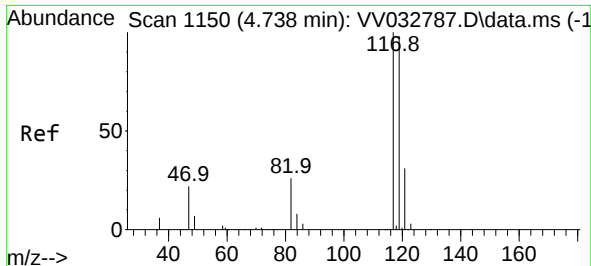
Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Tgt Ion:	97	Resp:	46963
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.8	77.6
61	42.9	34.8	52.2

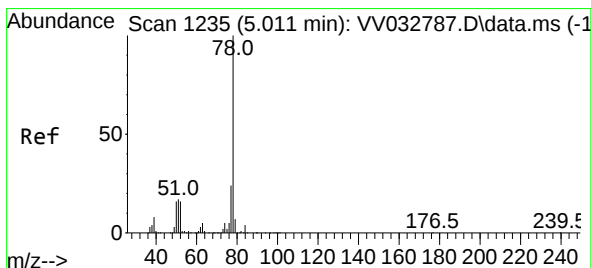
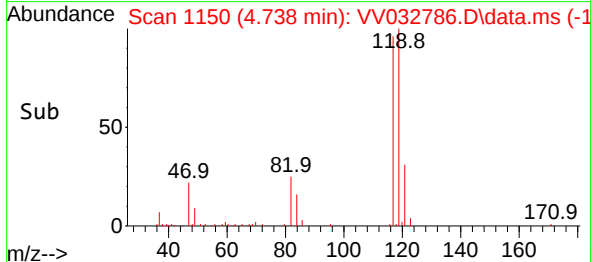
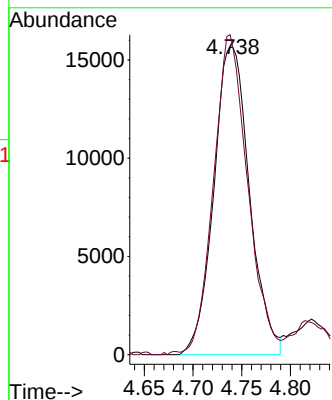
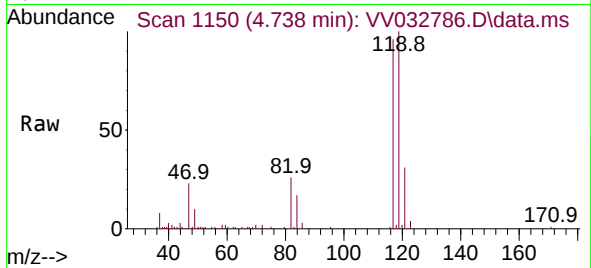




#31
Carbon tetrachloride
Concen: 9.734 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

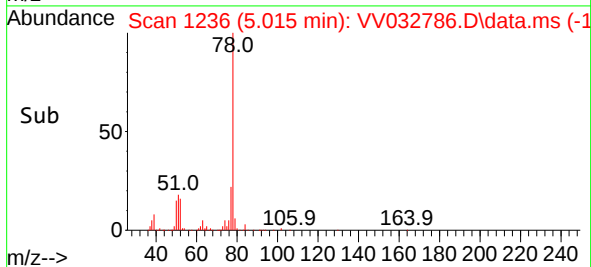
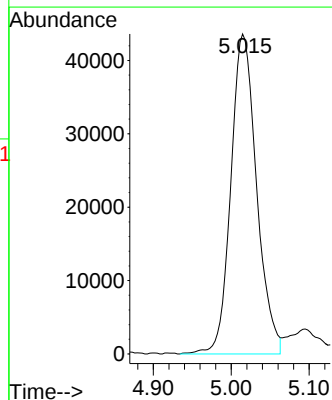
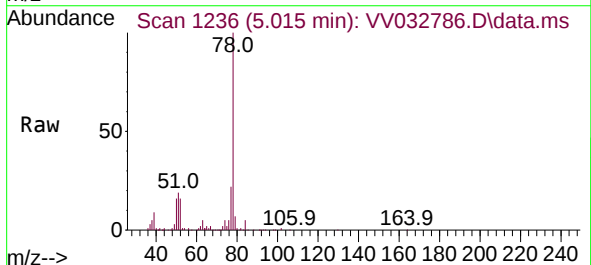
Instrument :
MSVOA_V
ClientSampleId :

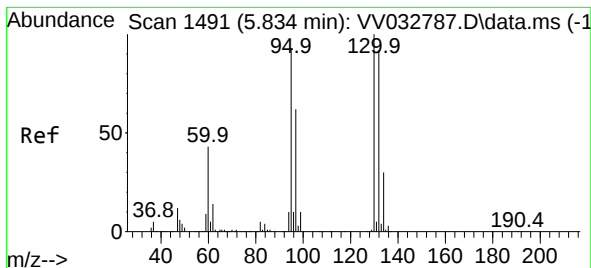
Tgt Ion:117 Resp: 40007
Ion Ratio Lower Upper
117 100
119 97.7 76.6 115.0



#33
Benzene
Concen: 8.453 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Tgt Ion: 78 Resp: 100310





#34

Trichloroethene

Concen: 8.559 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

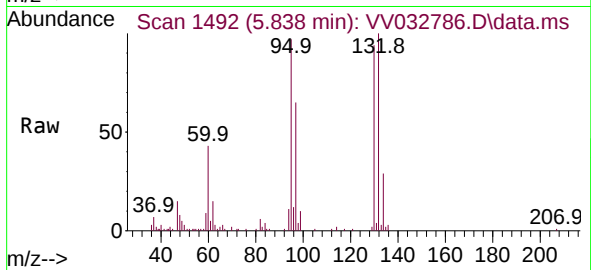
Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 28017

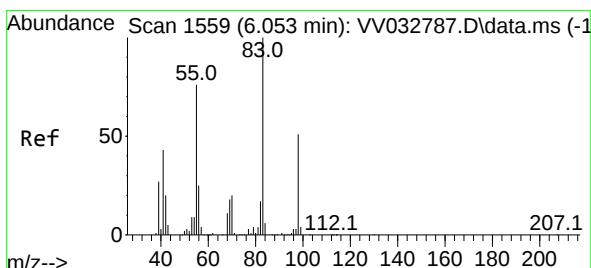
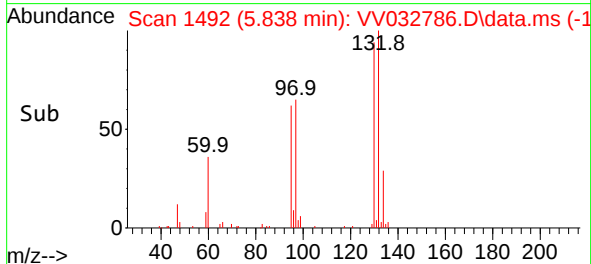
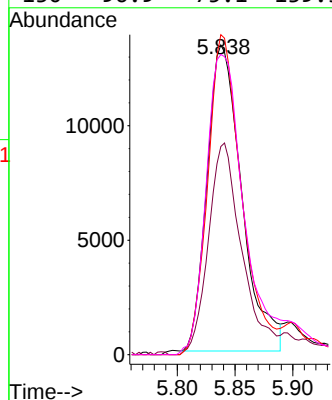
Ion Ratio Lower Upper

95 100

97 67.2 46.3 85.9

132 103.3 69.0 128.2

130 96.9 75.1 139.5



#35

Methylcyclohexane

Concen: 6.574 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

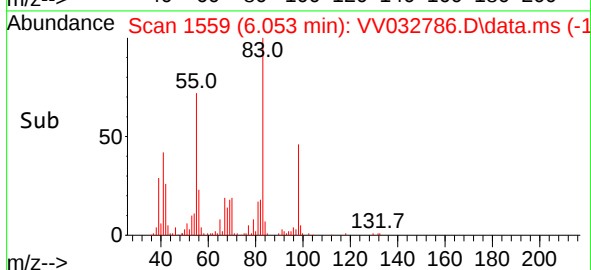
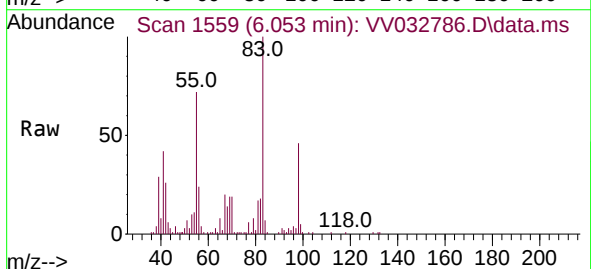
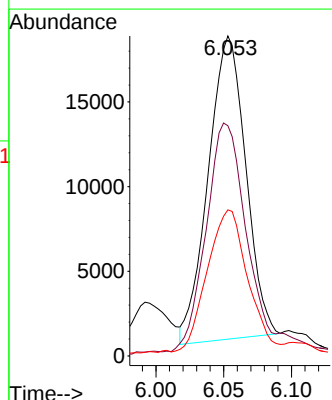
Tgt Ion: 83 Resp: 34491

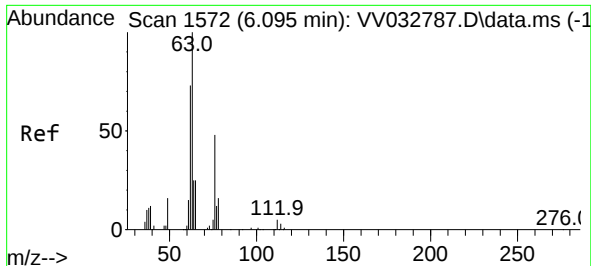
Ion Ratio Lower Upper

83 100

55 79.9 57.8 86.8

98 50.2 39.4 59.2





#37

1,2-Dichloropropane

Concen: 7.633 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

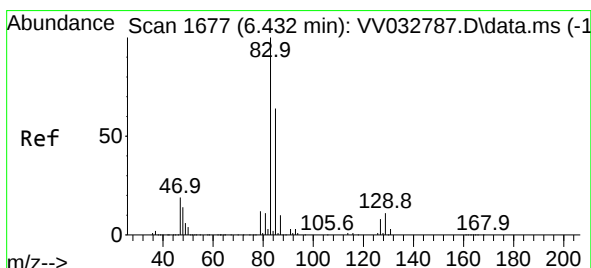
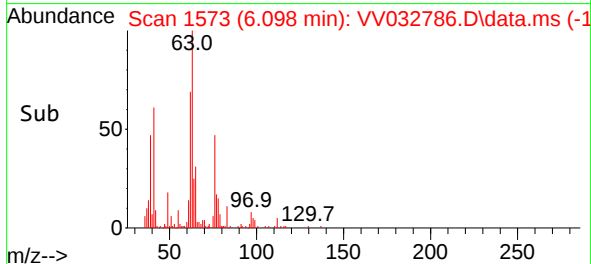
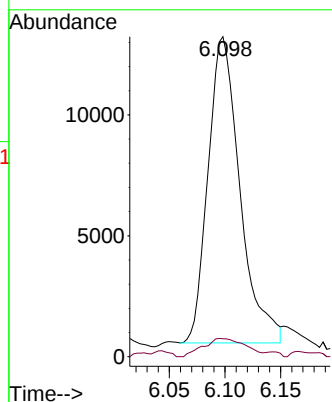
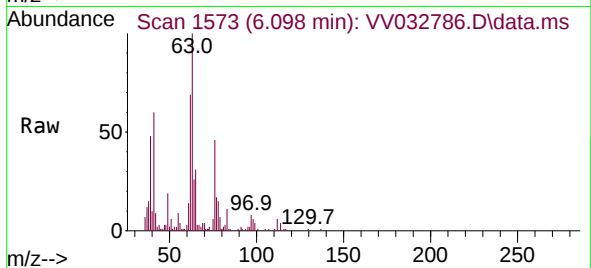
ClientSampleId :

Tgt Ion: 63 Resp: 25238

Ion Ratio Lower Upper

63 100

112 7.8 4.1 6.1#



#38

Bromodichloromethane

Concen: 10.153 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

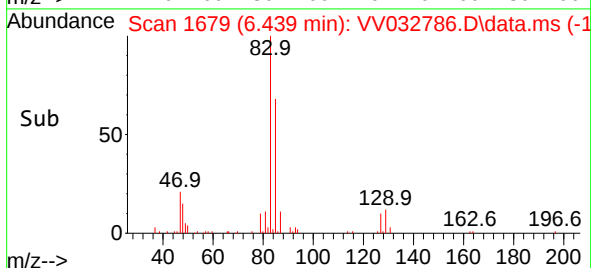
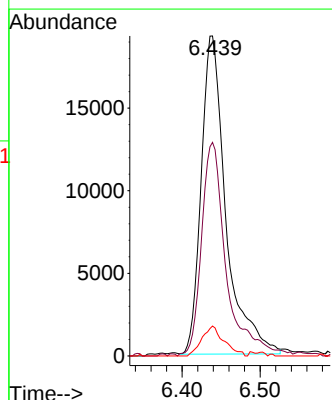
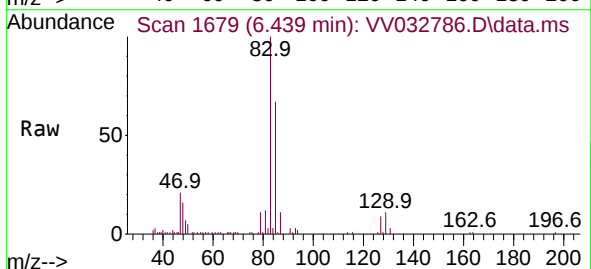
Tgt Ion: 83 Resp: 42598

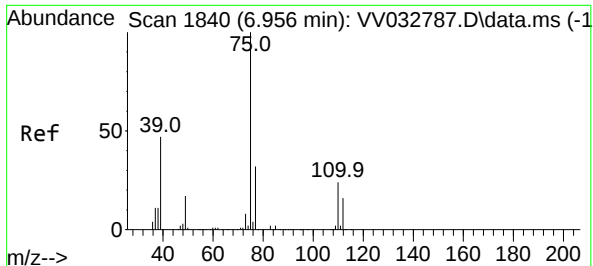
Ion Ratio Lower Upper

83 100

85 66.8 45.1 83.9

127 9.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 7.002 ug/L

RT: 6.960 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

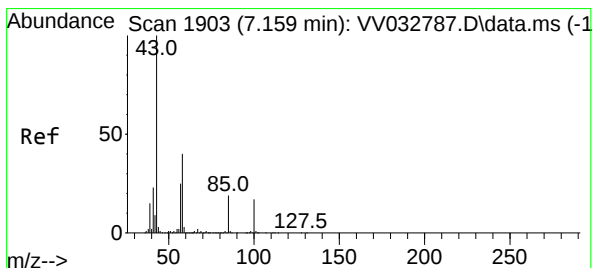
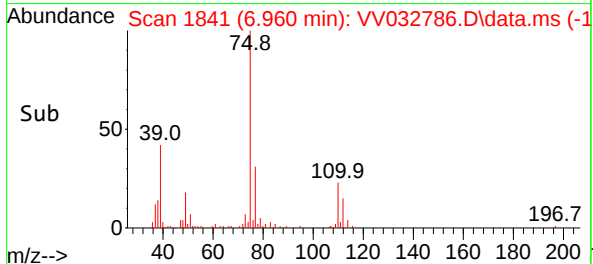
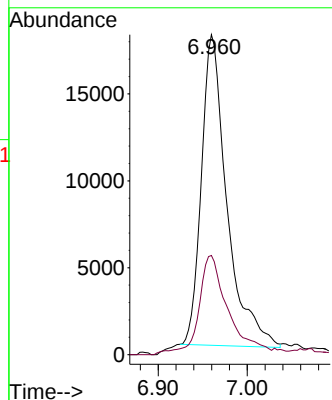
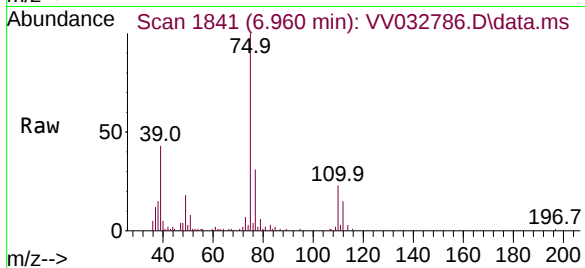
ClientSampleId :

Tgt Ion: 75 Resp: 35504

Ion Ratio Lower Upper

75 100

77 31.0 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 12.215 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.007 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

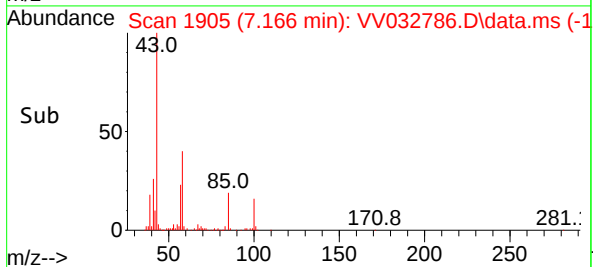
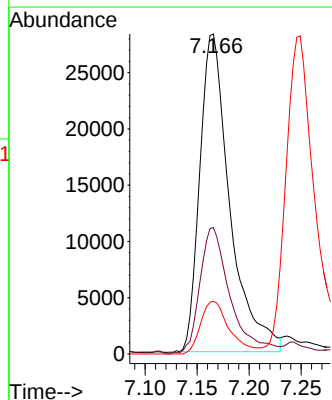
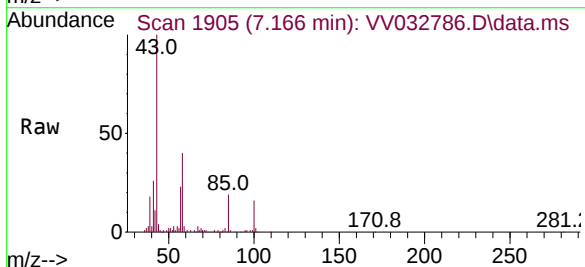
Tgt Ion: 43 Resp: 56845

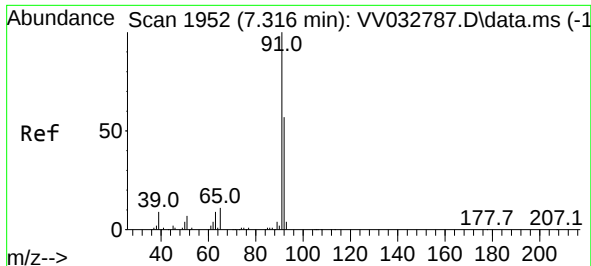
Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.0

100 15.9 13.3 19.9





#42

Toluene

Concen: 8.745 ug/L

RT: 7.320 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

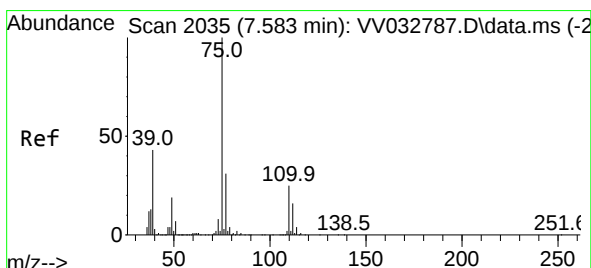
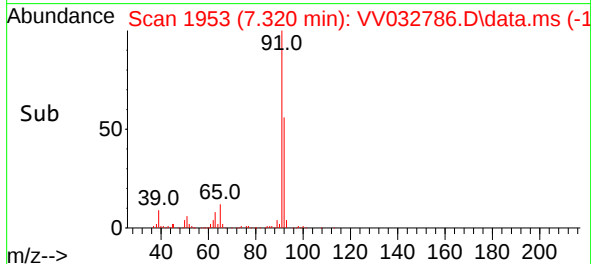
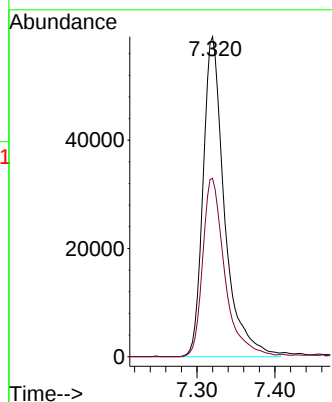
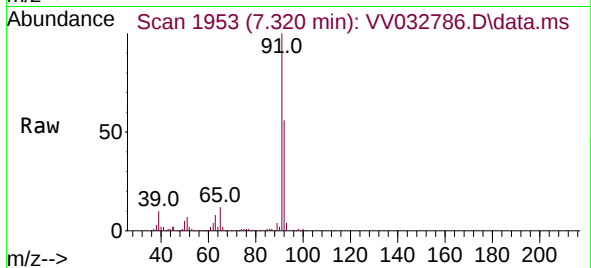
ClientSampleId :

Tgt Ion: 91 Resp: 113076

Ion Ratio Lower Upper

91 100

92 55.7 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 8.228 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV032786.D

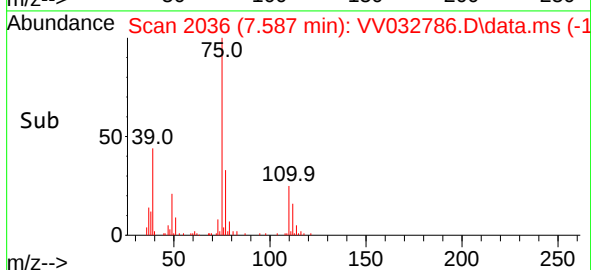
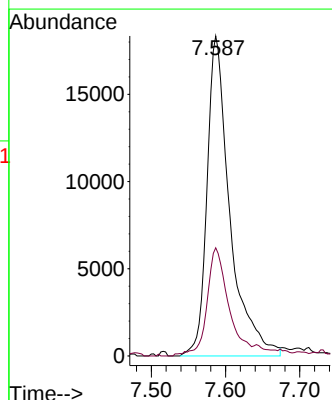
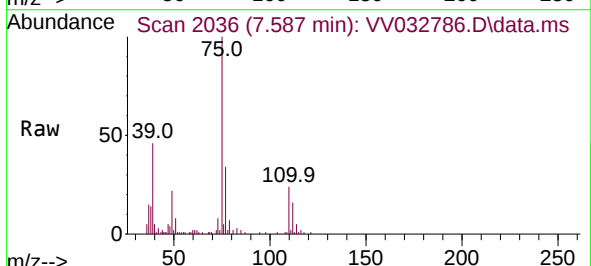
Acq: 31 Oct 2023 09:11

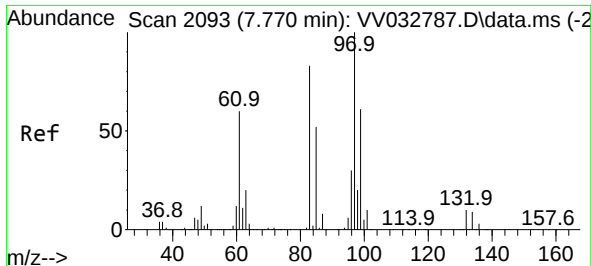
Tgt Ion: 75 Resp: 39190

Ion Ratio Lower Upper

75 100

77 33.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 9.690 ug/L

RT: 7.773 min Scan# 2093

Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 30774

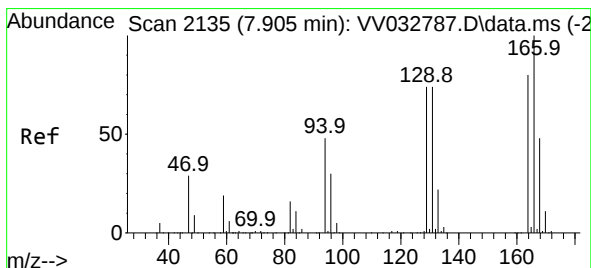
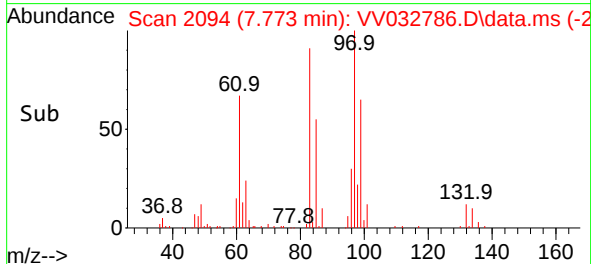
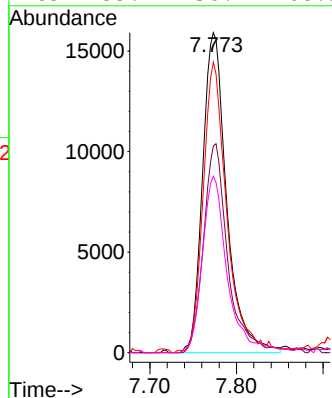
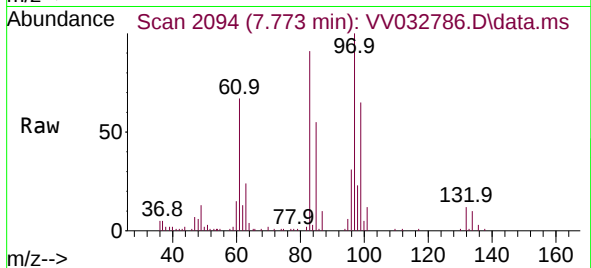
Ion Ratio Lower Upper

97 100

99 64.6 42.8 79.6

83 90.8 58.4 108.4

85 55.1 36.9 68.5



#46

Tetrachloroethene

Concen: 11.017 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Tgt Ion:164 Resp: 27184

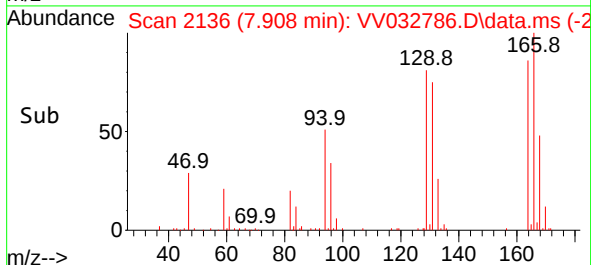
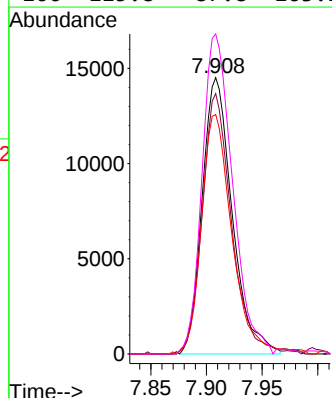
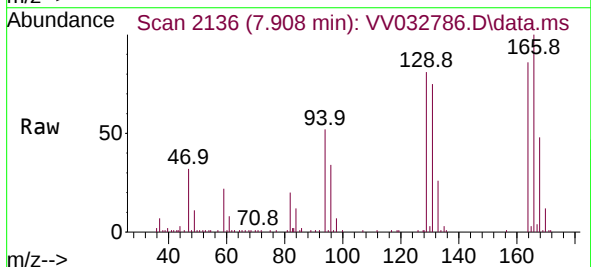
Ion Ratio Lower Upper

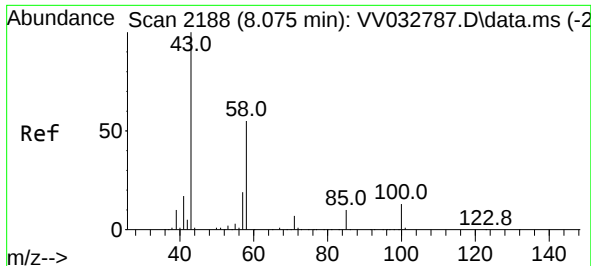
164 100

129 94.2 65.3 121.3

131 86.6 65.0 120.8

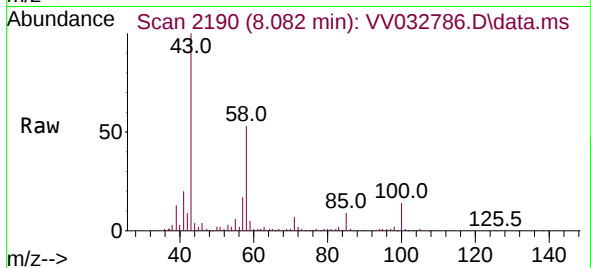
166 115.8 87.8 163.2



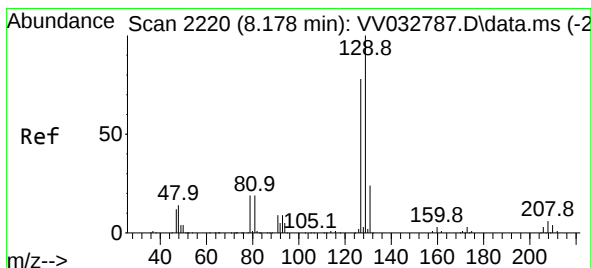
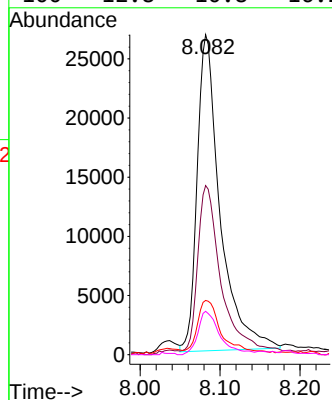
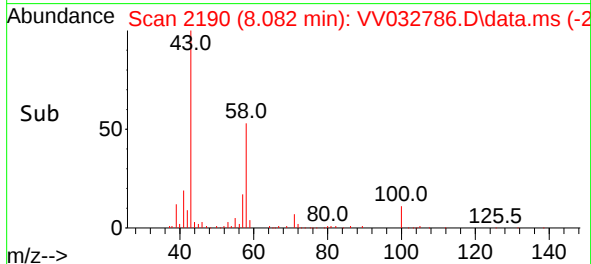


#48
2-Hexanone
Concen: 14.402 ug/L
RT: 8.082 min Scan# 2188
Delta R.T. 0.007 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Instrument :
MSVOA_V
ClientSampleId :

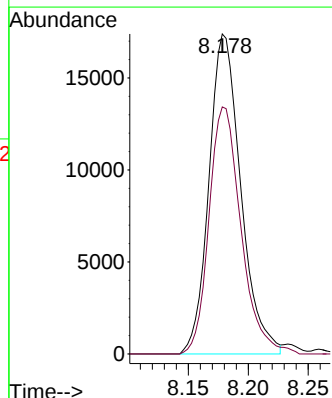
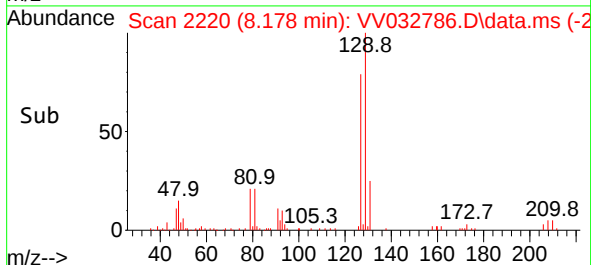
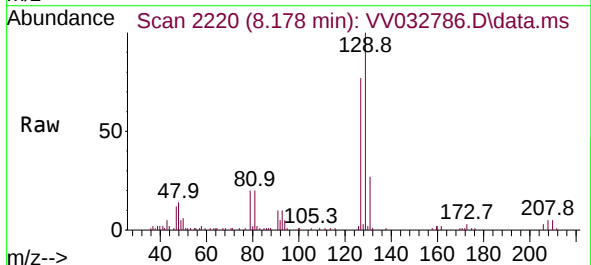


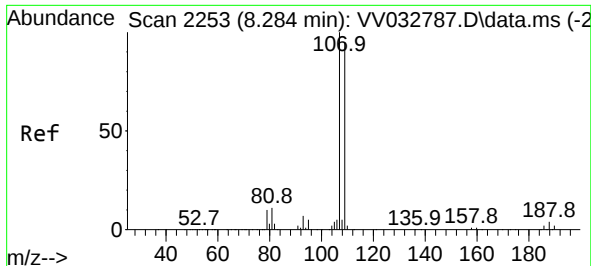
Tgt Ion: 43 Resp: 53403
Ion Ratio Lower Upper
43 100
58 52.9 43.3 64.9
57 13.9 15.5 23.3#
100 12.8 10.8 16.2



#49
Dibromochloromethane
Concen: 10.134 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Tgt Ion: 129 Resp: 32113
Ion Ratio Lower Upper
129 100
127 77.2 54.7 101.5

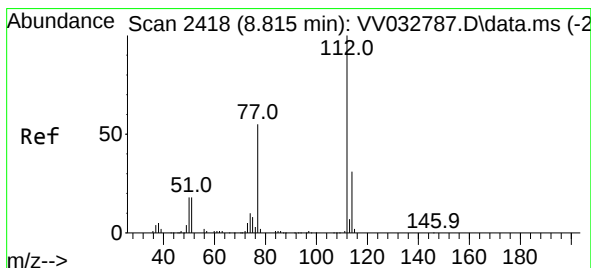
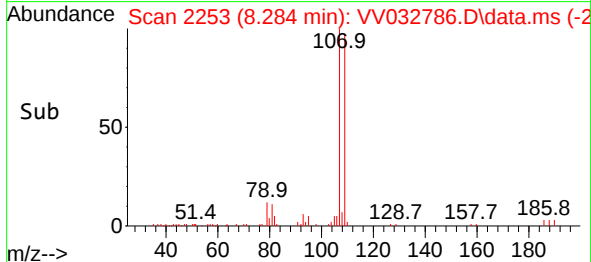
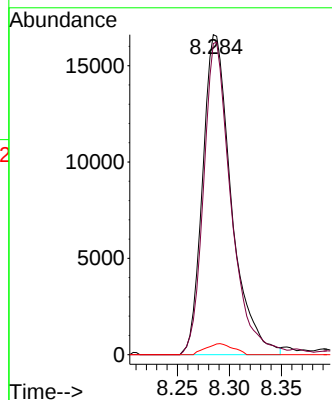
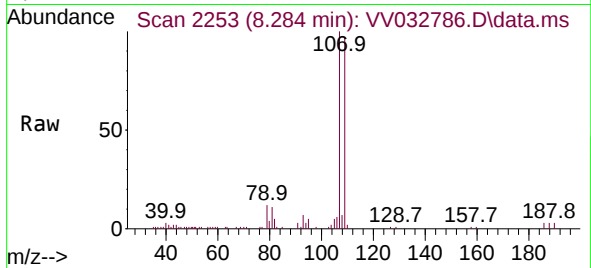




#50
1,2-Dibromoethane
Concen: 9.540 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

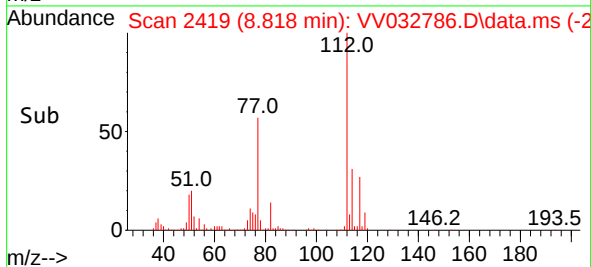
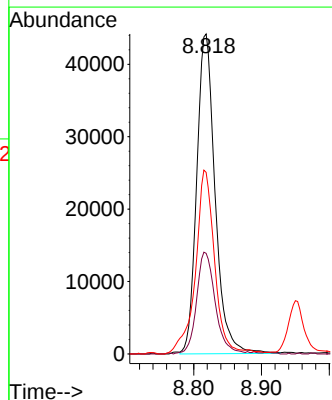
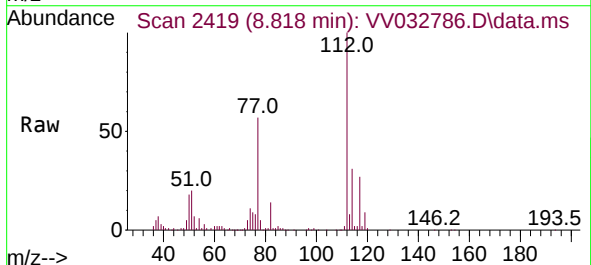
Instrument :
MSVOA_V
ClientSampleId :

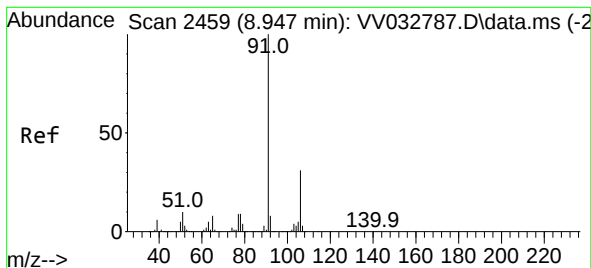
Tgt Ion:107 Resp: 31958
Ion Ratio Lower Upper
107 100
109 97.2 66.4 123.2
188 2.9 3.0 4.6#



#51
Chlorobenzene
Concen: 9.917 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Tgt Ion:112 Resp: 83287
Ion Ratio Lower Upper
112 100
114 31.5 21.6 40.2
77 56.7 44.4 66.6





#52

Ethylbenzene

Concen: 8.260 ug/L

RT: 8.950 min Scan# 24

Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

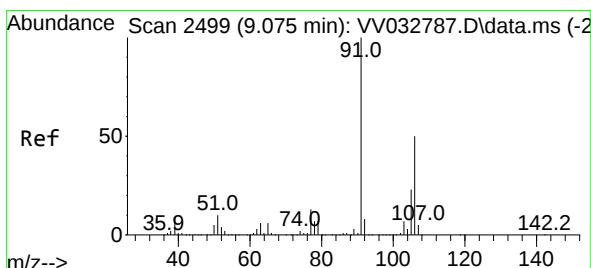
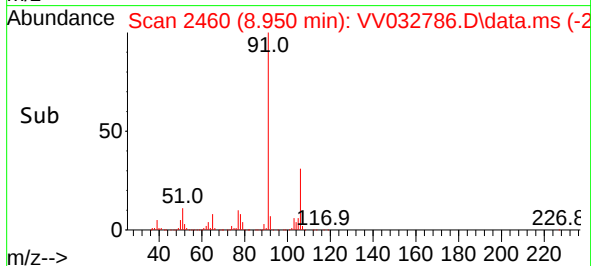
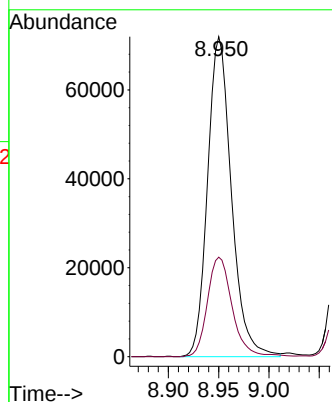
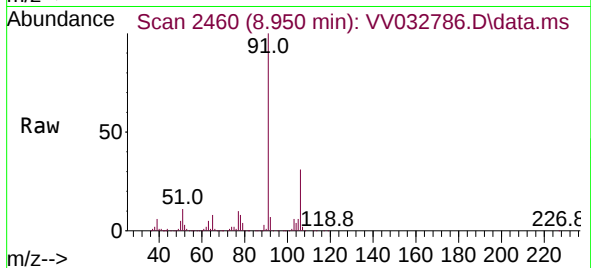
ClientSampleId :

Tgt Ion: 91 Resp: 118633

Ion Ratio Lower Upper

91 100

106 31.1 21.7 40.3



#53

m,p-Xylene

Concen: 8.166 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. 0.003 min

Lab File: VV032786.D

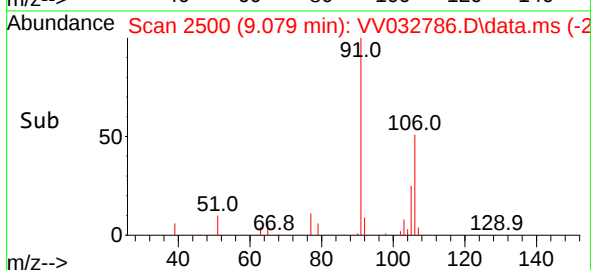
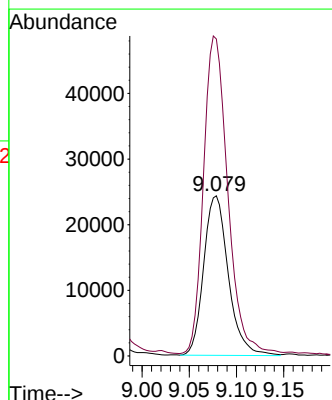
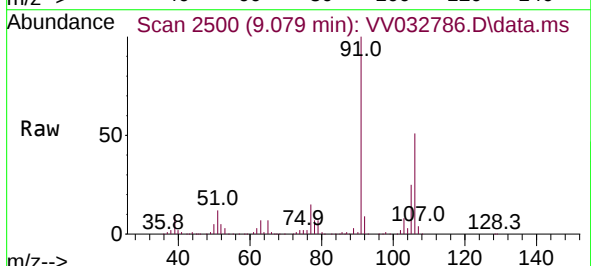
Acq: 31 Oct 2023 09:11

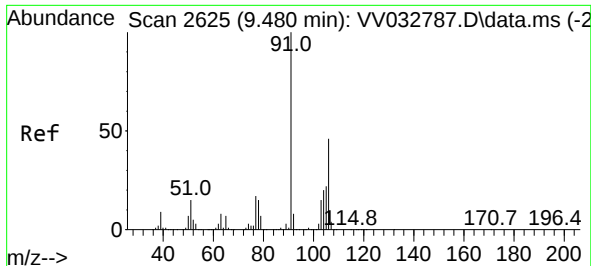
Tgt Ion: 106 Resp: 44137

Ion Ratio Lower Upper

106 100

91 197.8 139.7 259.5

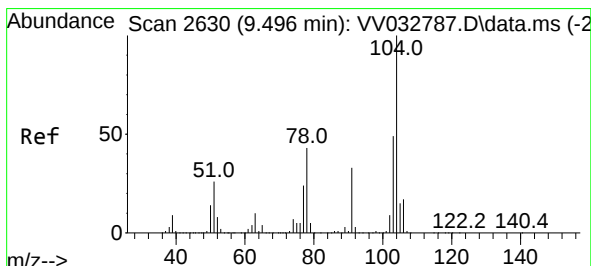
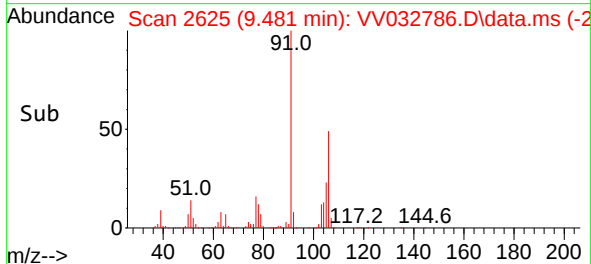
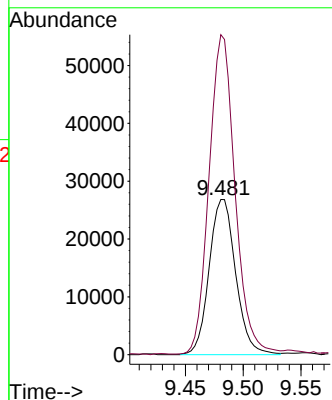
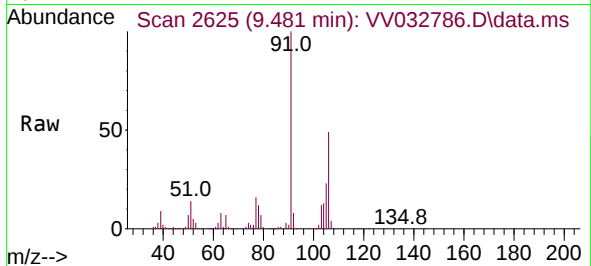




#54
o-Xylene
Concen: 8.135 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

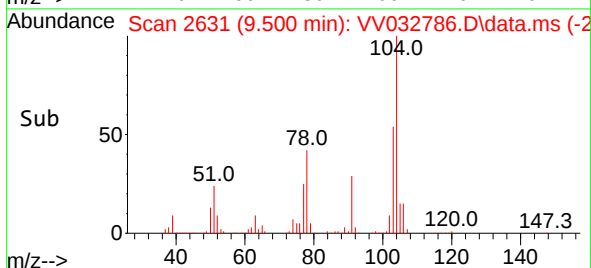
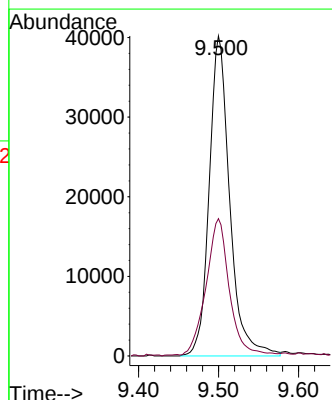
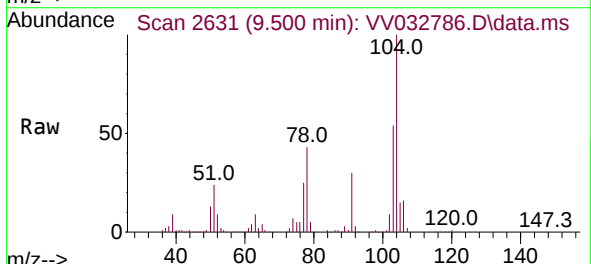
Instrument :
MSVOA_V
ClientSampleId :

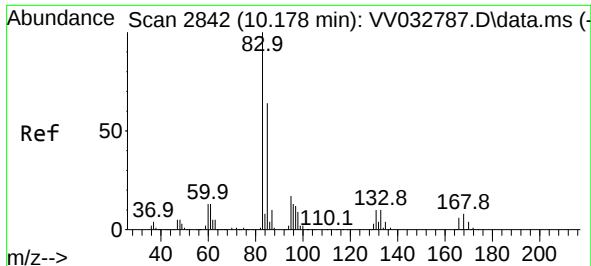
Tgt Ion:106 Resp: 42965
Ion Ratio Lower Upper
106 100
91 206.1 151.0 280.4



#55
Styrene
Concen: 7.849 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Tgt Ion:104 Resp: 71664
Ion Ratio Lower Upper
104 100
78 42.9 30.1 55.9

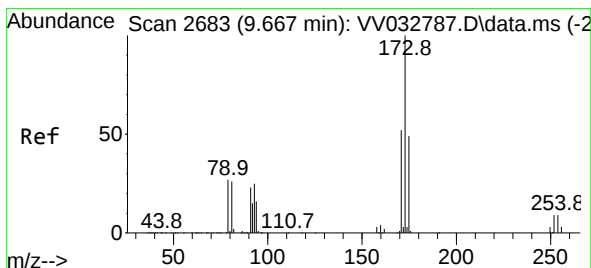
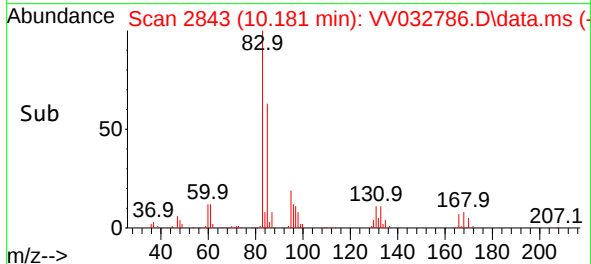
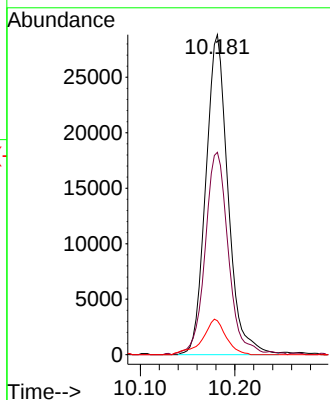
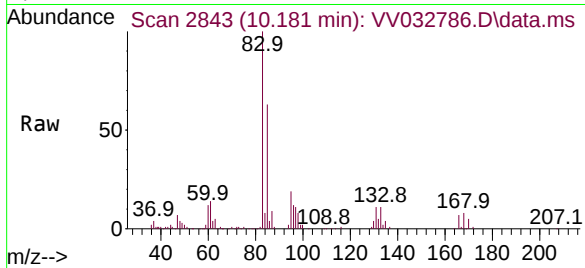




#57
1,1,2,2-Tetrachloroethane
Concen: 9.647 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

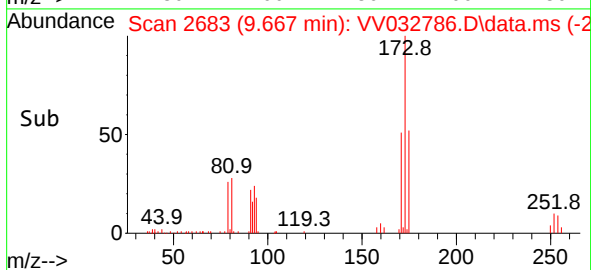
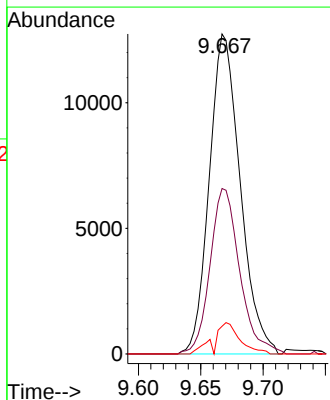
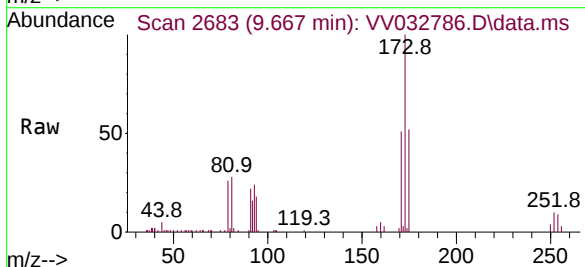
Instrument :
MSVOA_V
ClientSampleId :

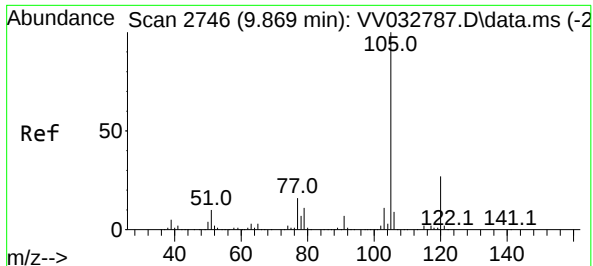
Tgt Ion: 83 Resp: 47098
Ion Ratio Lower Upper
83 100
85 63.3 44.9 83.3
131 10.6 7.8 11.6



#59
Bromoform
Concen: 9.984 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

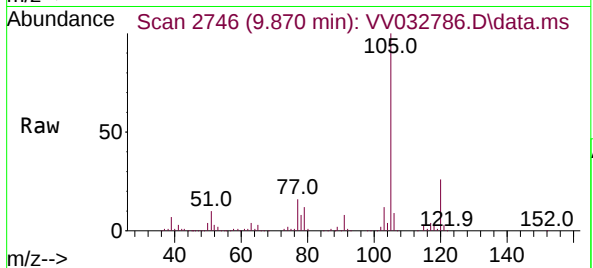
Tgt Ion: 173 Resp: 21994
Ion Ratio Lower Upper
173 100
175 49.5 38.4 57.6
254 6.8 7.0 10.6#



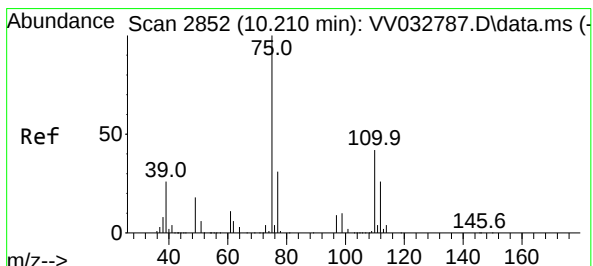
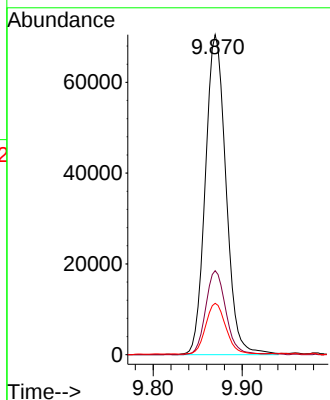
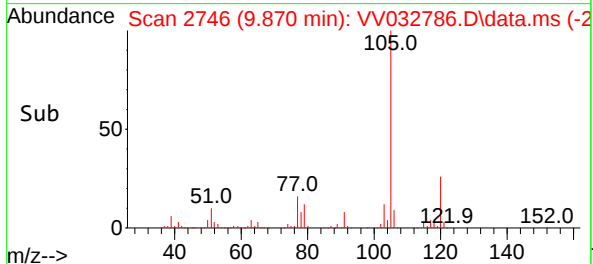


#60
Isopropylbenzene
Concen: 8.292 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

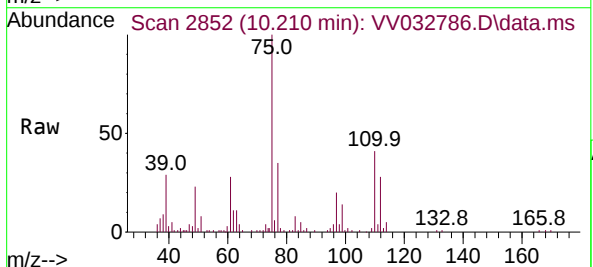
Instrument :
MSVOA_V
ClientSampleId :



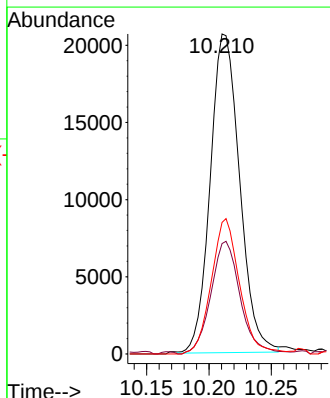
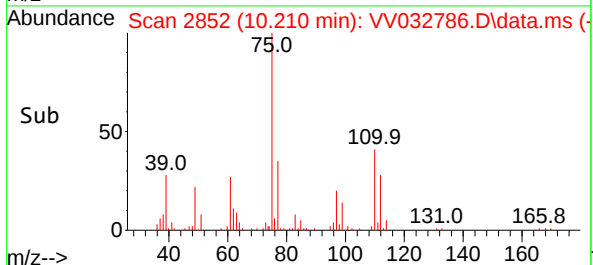
Tgt Ion:105 Resp: 113297
Ion Ratio Lower Upper
105 100
120 25.6 21.1 31.7
77 15.6 12.6 19.0

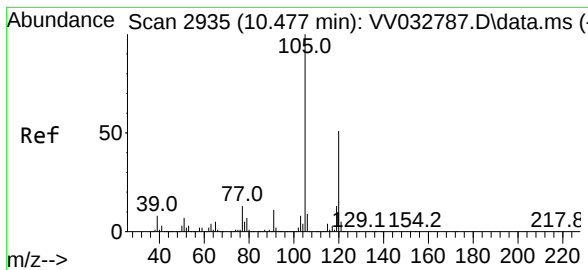


#61
1,2,3-Trichloropropane
Concen: 9.097 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11



Tgt Ion: 75 Resp: 33959
Ion Ratio Lower Upper
75 100
77 35.3 25.4 38.0
110 40.9 34.3 51.5

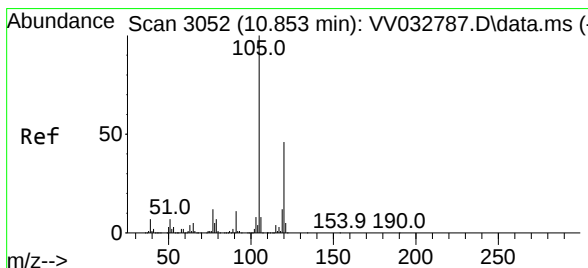
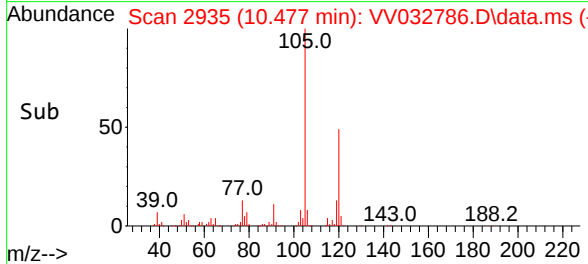
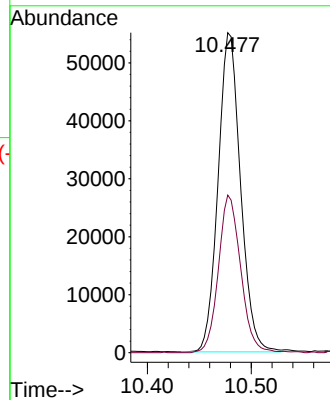
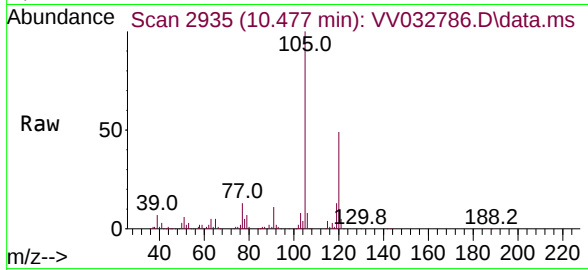




#62
 1,3,5-Trimethylbenzene
 Concen: 7.398 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VV032786.D
 Acq: 31 Oct 2023 09:11

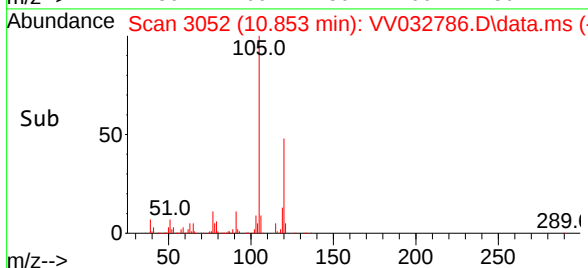
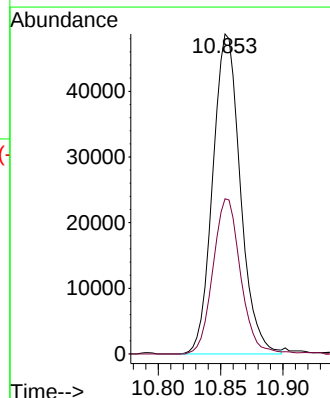
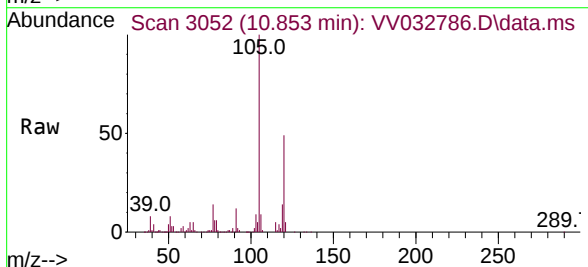
Instrument :
 MSVOA_V
 ClientSampleId :

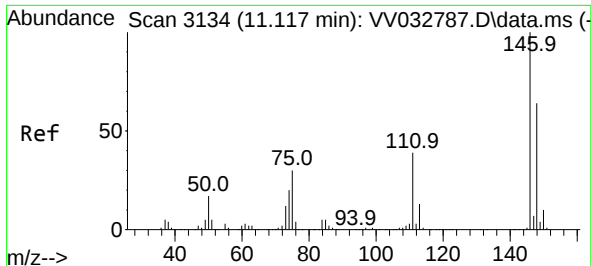
Tgt Ion:105 Resp: 82625
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 6.852 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: VV032786.D
 Acq: 31 Oct 2023 09:11

Tgt Ion:105 Resp: 75112
 Ion Ratio Lower Upper
 105 100
 120 48.3 37.0 55.6

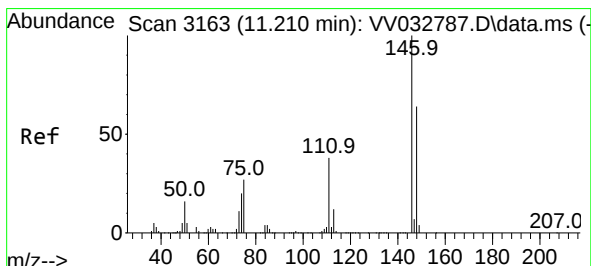
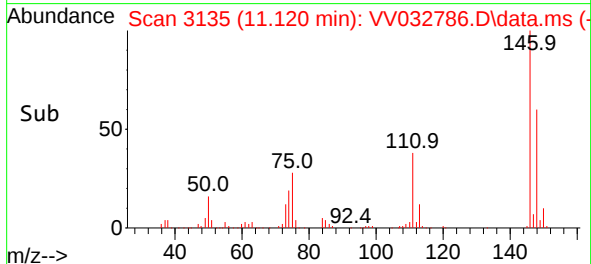
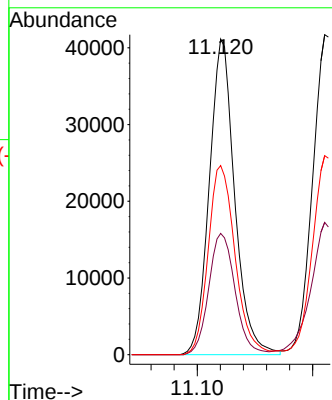
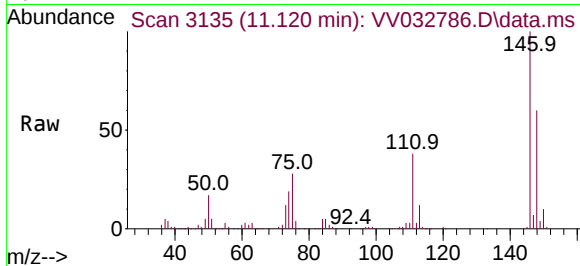




#64
1,3-Dichlorobenzene
Concen: 9.629 ug/L
RT: 11.120 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

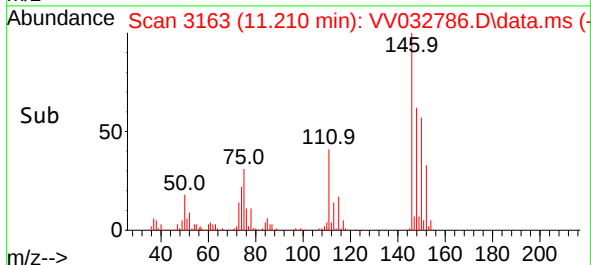
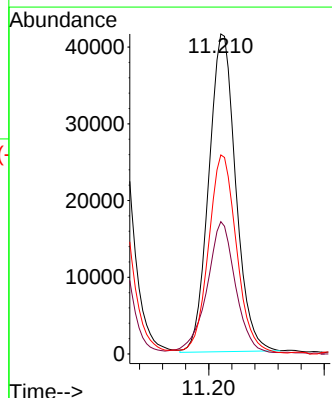
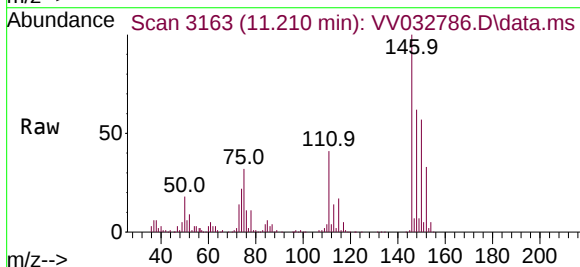
Instrument :
MSVOA_V
ClientSampleId :

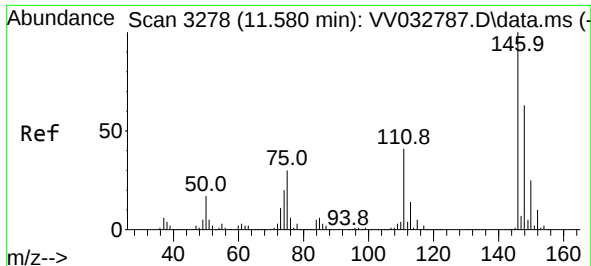
Tgt Ion:146 Resp: 62667
Ion Ratio Lower Upper
146 100
111 38.4 27.2 50.4
148 59.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 10.175 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Tgt Ion:146 Resp: 67164
Ion Ratio Lower Upper
146 100
111 41.4 26.5 49.1
148 62.2 44.9 83.5

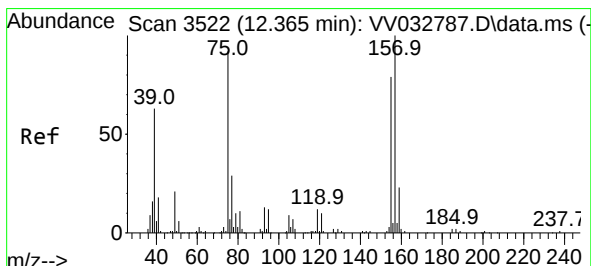
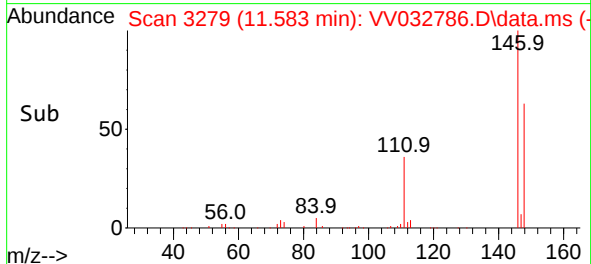
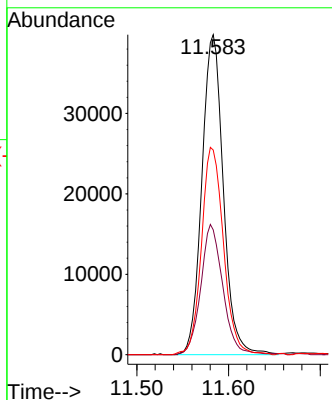
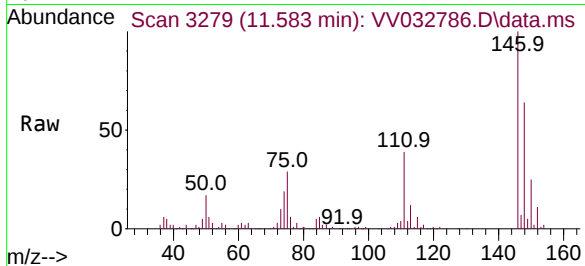




#67
1,2-Dichlorobenzene
Concen: 10.108 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

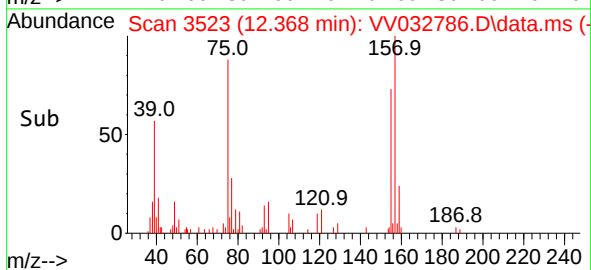
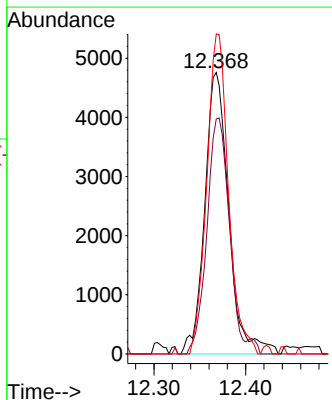
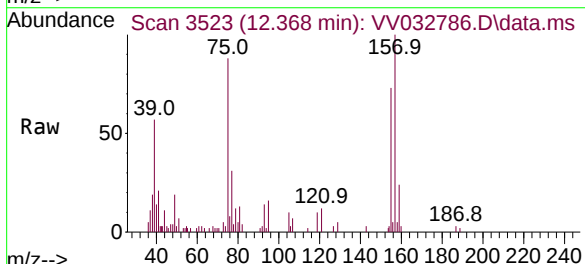
Instrument :
MSVOA_V
ClientSampleId :

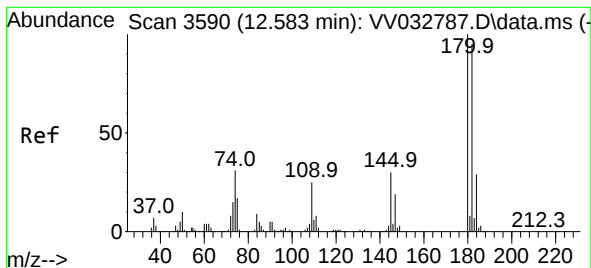
Tgt Ion:146 Resp: 64748
Ion Ratio Lower Upper
146 100
111 39.0 32.5 48.7
148 64.0 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 8.491 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV032786.D
Acq: 31 Oct 2023 09:11

Tgt Ion: 75 Resp: 8689
Ion Ratio Lower Upper
75 100
155 83.5 68.6 102.8
157 113.7 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 9.405 ug/L

RT: 12.587 min Scan# 3590

Delta R.T. 0.003 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 44309

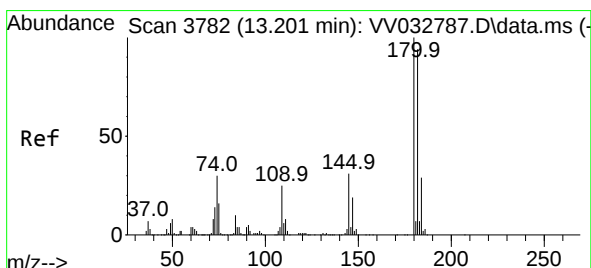
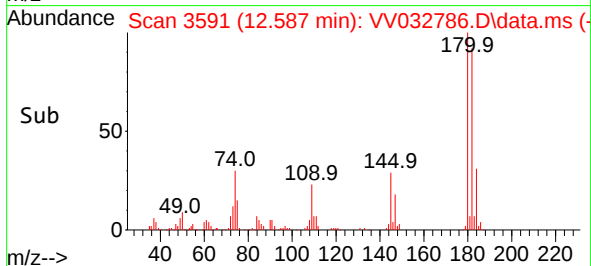
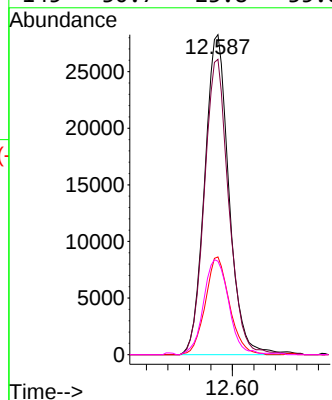
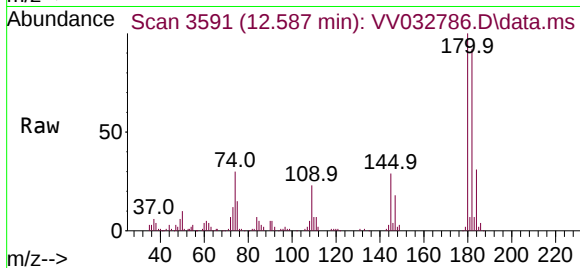
Ion Ratio Lower Upper

180 100

182 92.1 75.9 113.9

184 30.4 23.5 35.3

145 30.7 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 8.281 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

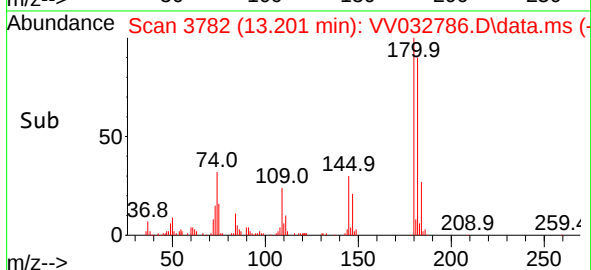
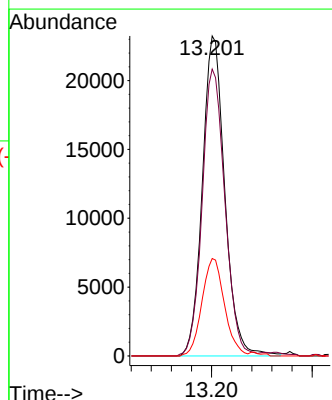
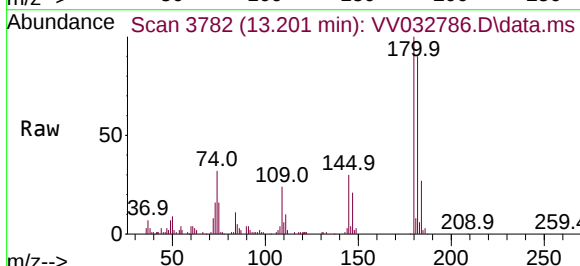
Tgt Ion:180 Resp: 36041

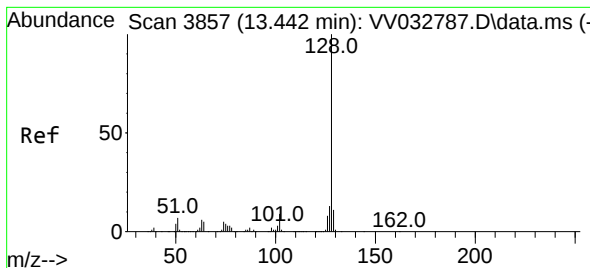
Ion Ratio Lower Upper

180 100

182 90.7 76.9 115.3

145 30.5 24.7 37.1





#71

Naphthalene

Concen: 5.801 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Instrument :

MSVOA_V

ClientSampleId :

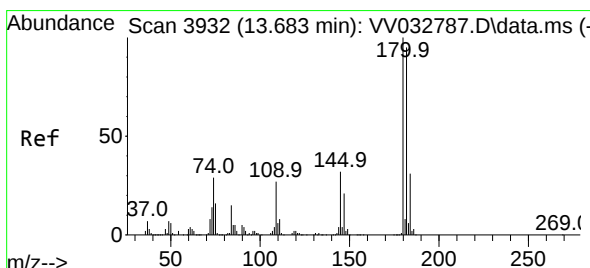
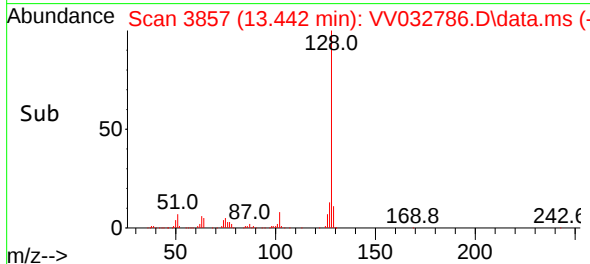
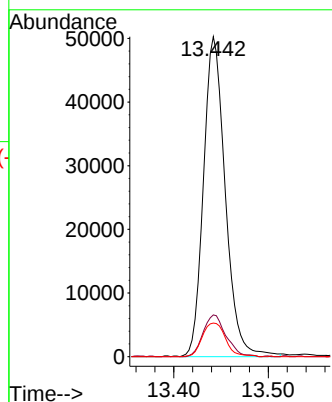
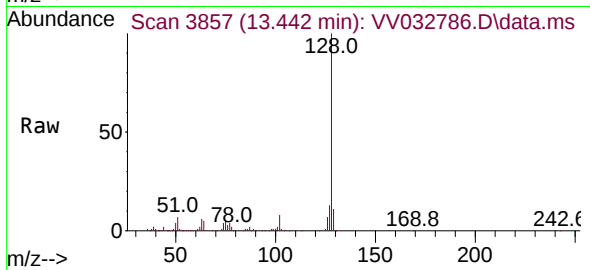
Tgt Ion:128 Resp: 80626

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

129 11.3 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 8.526 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032786.D

Acq: 31 Oct 2023 09:11

Tgt Ion:180 Resp: 37285

Ion Ratio Lower Upper

180 100

182 93.3 76.2 114.4

145 31.9 25.8 38.8

