

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011024\
 Data File : VW033555.D
 Acq On : 10 Jan 2024 11:58
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 11 00:16:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:16:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	342581	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324843	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	163685	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	12372	4.680	ug/L	0.00
7) Chloroethane-d5	1.532	69	10653	4.634	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	5726	4.473	ug/L	0.00
21) 2-Butanone-d5	3.818	46	12304	8.745	ug/L	0.04
24) Chloroform-d	4.253	84	24436	4.837	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	15297	4.891	ug/L	0.00
32) Benzene-d6	4.966	84	47125	5.372	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	15643	5.756	ug/L	0.00
41) Toluene-d8	7.246	98	42258	5.328	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	7126	5.355	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	11183	11.661	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	20107	5.309	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	16540	5.407	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	15564	5.607	ug/L	100
3) Chloromethane	1.217	50	16733	6.180	ug/L	100
5) Vinyl chloride	1.285	62	16200	5.719	ug/L	100
6) Bromomethane	1.487	94	8077	4.168	ug/L	100
8) Chloroethane	1.552	64	9699	5.230	ug/L	100
9) Trichlorofluoromethane	1.716	101	18689	4.038	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	11095	4.101	ug/L	99
12) 1,1-Dichloroethene	2.073	96	10342	4.429	ug/L	98
13) Acetone	2.114	43	16994	10.817	ug/L	94
14) Carbon disulfide	2.243	76	34266	5.408	ug/L	99
15) Methyl Acetate	2.378	43	12830	5.493	ug/L #	100
16) Methylene chloride	2.452	84	13470	5.061	ug/L	99
17) trans-1,2-Dichloroethene	2.700	96	11941	5.274	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	40705	5.695	ug/L	99
19) 1,1-Dichloroethane	3.114	63	22936	5.190	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	12781	4.974	ug/L	97
22) 2-Butanone	3.899	43	13739	8.365	ug/L	88
23) Bromochloromethane	4.159	128	6183	4.479	ug/L	88
25) Chloroform	4.278	83	22438	4.658	ug/L	98
27) 1,2-Dichloroethane	5.050	62	18285	4.881	ug/L	97
29) Cyclohexane	4.584	56	22765	7.009	ug/L	96
30) 1,1,1-Trichloroethane	4.516	97	19602	4.914	ug/L	98
31) Carbon tetrachloride	4.738	117	16651	4.711	ug/L	99
33) Benzene	5.015	78	47080	5.348	ug/L	100
34) Trichloroethene	5.838	95	12924	5.345	ug/L	98
35) Methylcyclohexane	6.050	83	21883	6.103	ug/L	97
37) 1,2-Dichloropropane	6.098	63	12413	5.152	ug/L	99
38) Bromodichloromethane	6.439	83	16935	4.988	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	20875	5.870	ug/L	98
40) 4-Methyl-2-pentanone	7.162	43	35065	12.713	ug/L	99
42) Toluene	7.320	91	51105	5.538	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	18108	5.065	ug/L	100

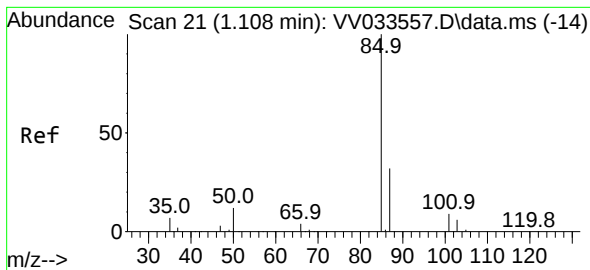
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011024\
 Data File : VV033555.D
 Acq On : 10 Jan 2024 11:58
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 11 00:16:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:16:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	11838	4.865	ug/L	97
46) Tetrachloroethene	7.905	164	9295	5.002	ug/L	96
48) 2-Hexanone	8.085	43	26843	11.690	ug/L	99
49) Dibromochloromethane	8.178	129	12251	4.794	ug/L	96
50) 1,2-Dibromoethane	8.288	107	12248	4.874	ug/L	98
51) Chlorobenzene	8.815	112	31419	4.771	ug/L	98
52) Ethylbenzene	8.950	91	58186	5.586	ug/L	99
53) m,p-Xylene	9.075	106	20417	5.251	ug/L	92
54) o-Xylene	9.481	106	21161	5.568	ug/L	99
55) Styrene	9.500	104	34740	5.252	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	18545	4.960	ug/L	99
59) Bromoform	9.667	173	8336	4.882	ug/L	99
60) Isopropylbenzene	9.866	105	57919	6.074	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	14903	5.580	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	48990	6.593	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	47550	6.229	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	25447	5.253	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	25374	4.914	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	24769	4.958	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	3715	4.989	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	17381	5.070	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	15438	5.102	ug/L	99
71) Naphthalene	13.445	128	36082	4.450	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	14184	4.896	ug/L	98

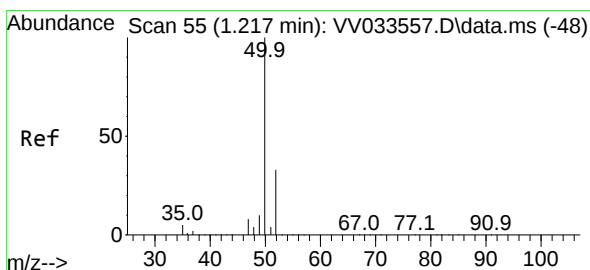
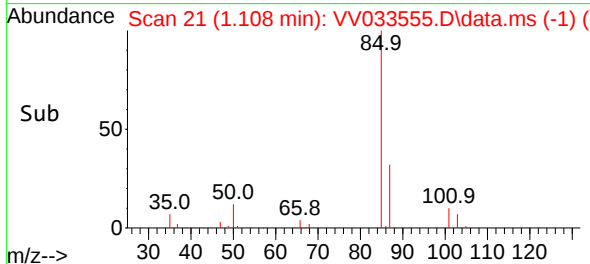
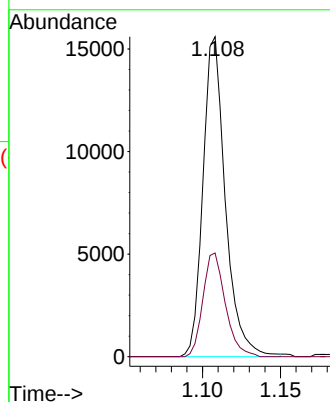
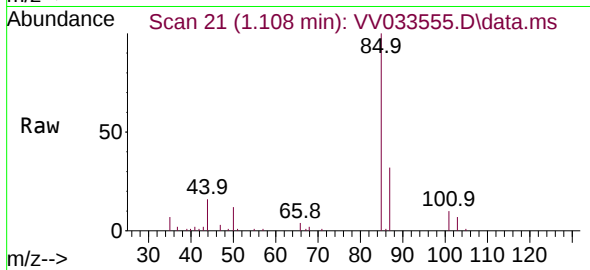
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.607 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033555.D
 Acq: 10 Jan 2024 11:58

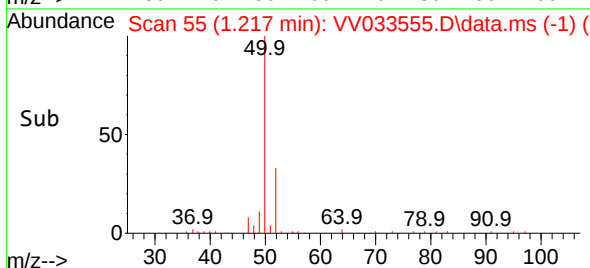
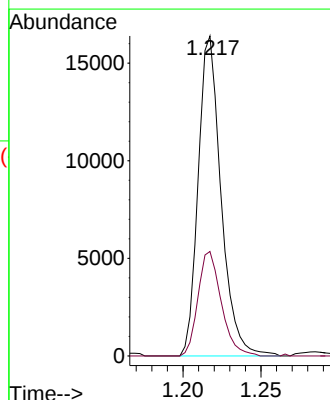
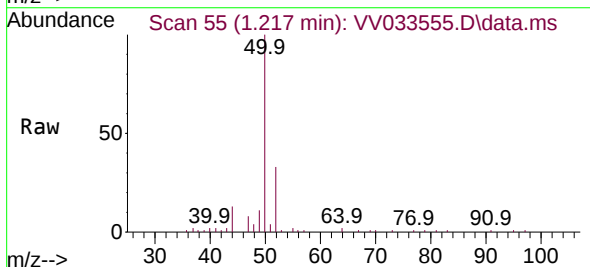
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 MSVOA_V
 ClientSampleId :

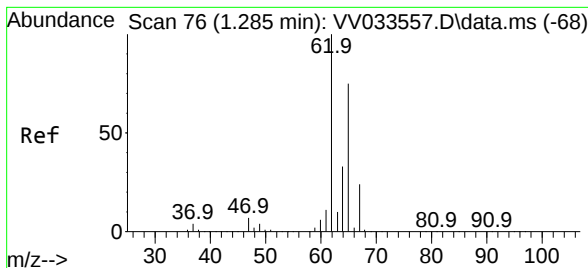
Tgt Ion: 85 Resp: 15564
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.6



#3
 Chloromethane
 Concen: 6.180 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV033555.D
 Acq: 10 Jan 2024 11:58

Tgt Ion: 50 Resp: 16733
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.8 42.4





#5

Vinyl chloride

Concen: 5.719 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

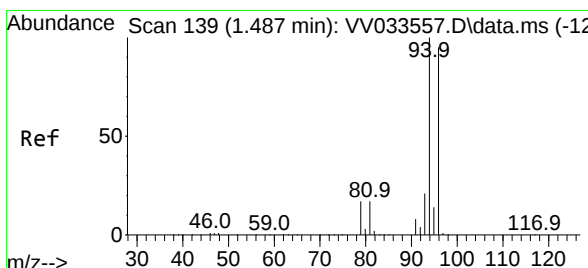
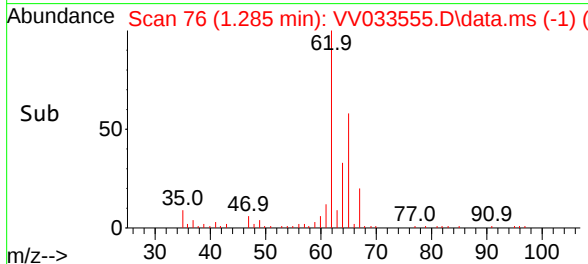
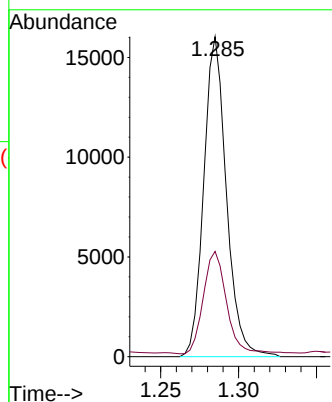
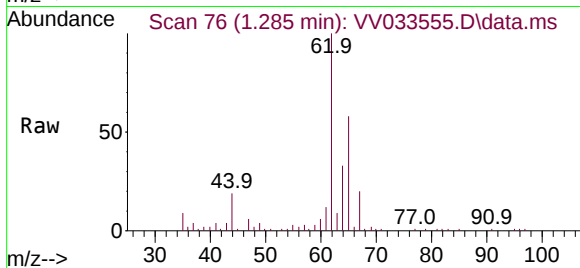
ClientSampleId :

Tgt Ion: 62 Resp: 16200

Ion Ratio Lower Upper

62 100

64 32.9 23.2 43.0



#6

Bromomethane

Concen: 4.168 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV033555.D

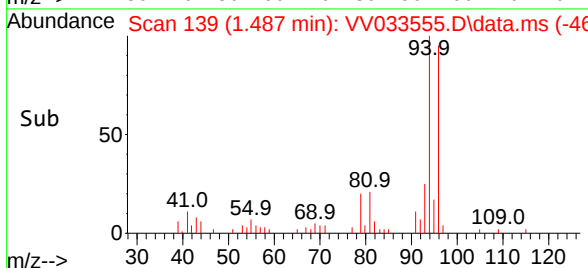
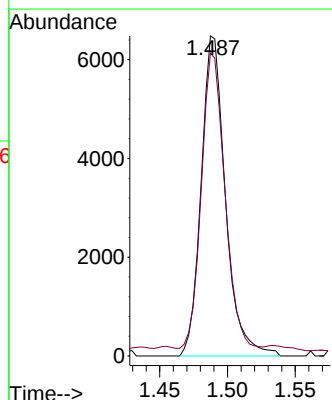
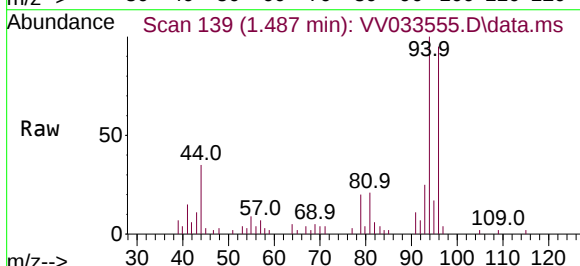
Acq: 10 Jan 2024 11:58

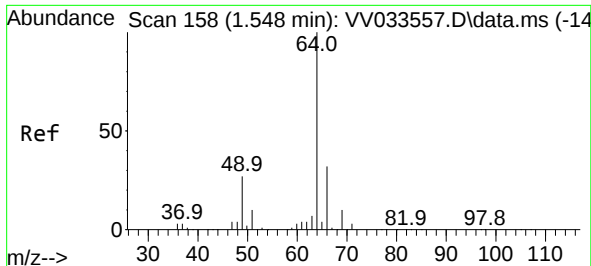
Tgt Ion: 94 Resp: 8077

Ion Ratio Lower Upper

94 100

96 94.6 66.4 123.2





#8

Chloroethane

Concen: 5.230 ug/L

RT: 1.552 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

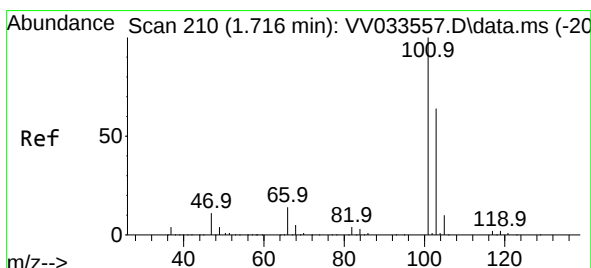
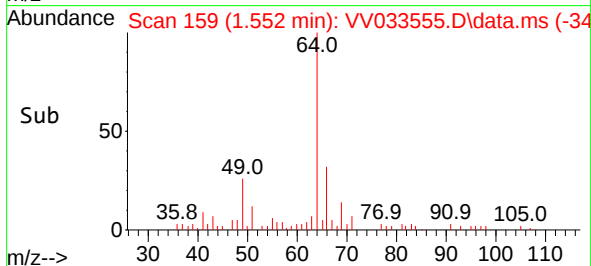
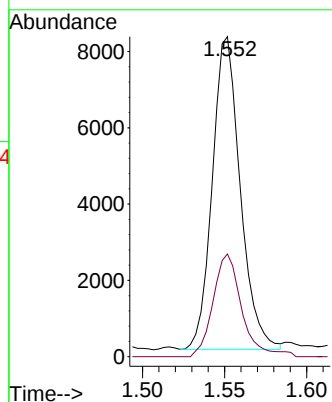
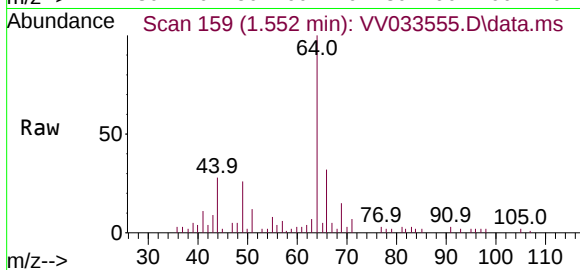
ClientSampleId :

Tgt Ion: 64 Resp: 9699

Ion Ratio Lower Upper

64 100

66 32.1 22.5 41.9



#9

Trichlorofluoromethane

Concen: 4.038 ug/L

RT: 1.716 min Scan# 210

Delta R.T. 0.000 min

Lab File: VV033555.D

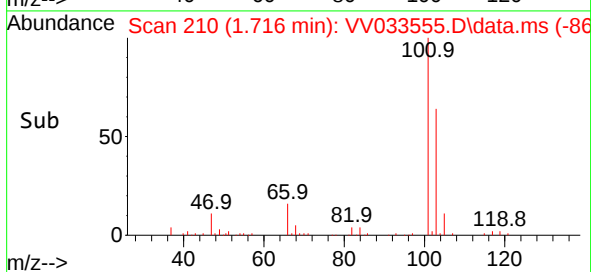
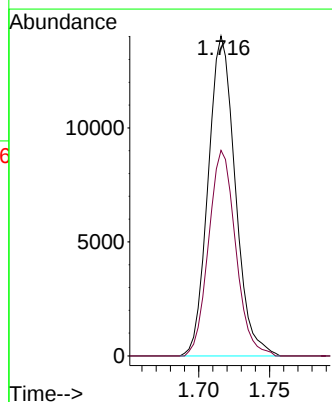
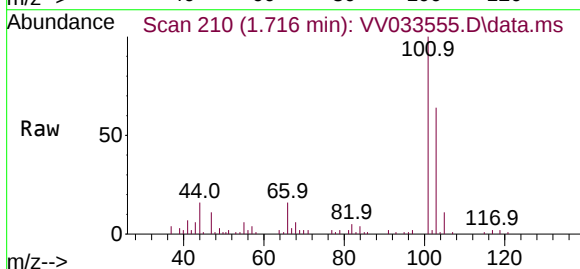
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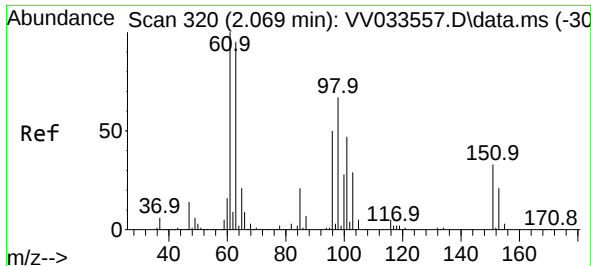
Tgt Ion:101 Resp: 18689

Ion Ratio Lower Upper

101 100

103 64.2 51.3 76.9

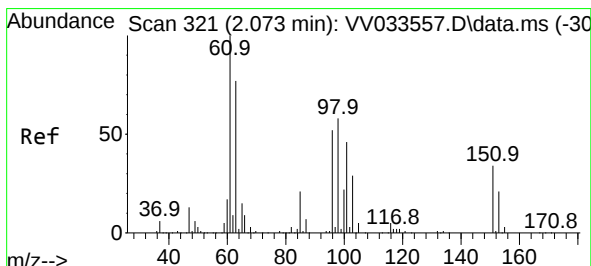
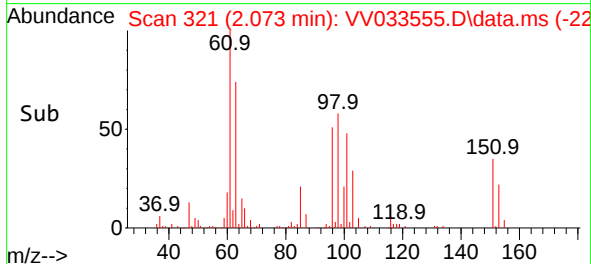
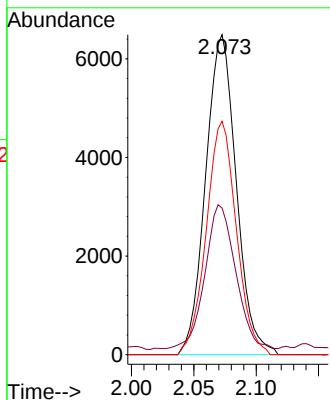
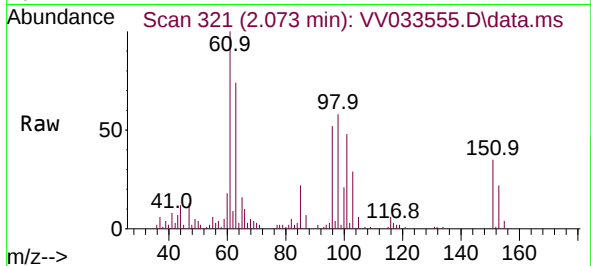




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.101 ug/L
 RT: 2.073 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV033555.D
 Acq: 10 Jan 2024 11:58

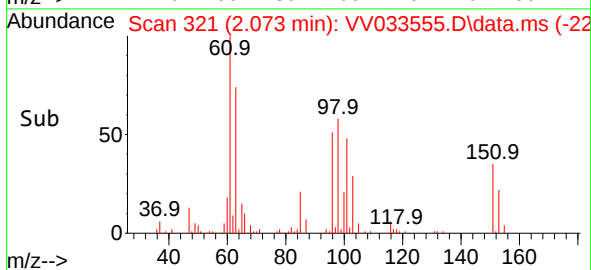
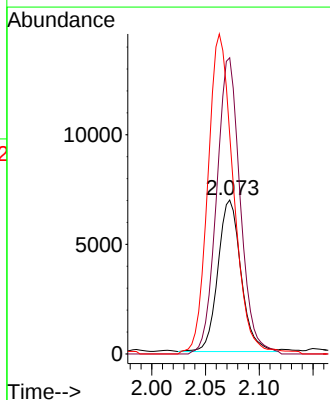
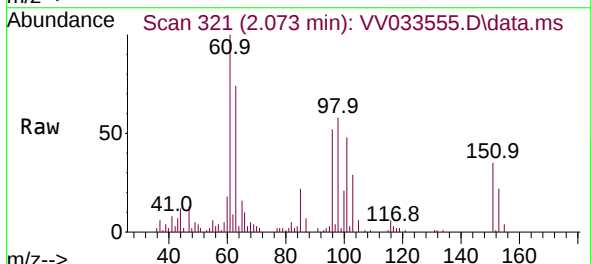
Instrument :
 MSVOA_V
 ClientSampleId :

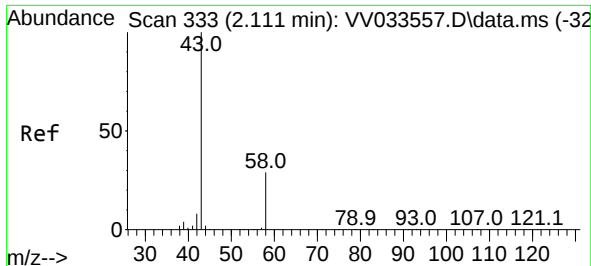
Tgt Ion:101 Resp: 11095
 Ion Ratio Lower Upper
 101 100
 85 44.7 36.2 54.4
 151 71.8 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 4.429 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV033555.D
 Acq: 10 Jan 2024 11:58

Tgt Ion: 96 Resp: 10342
 Ion Ratio Lower Upper
 96 100
 61 192.4 134.0 248.8
 63 142.4 103.4 192.0





#13

Acetone

Concen: 10.817 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

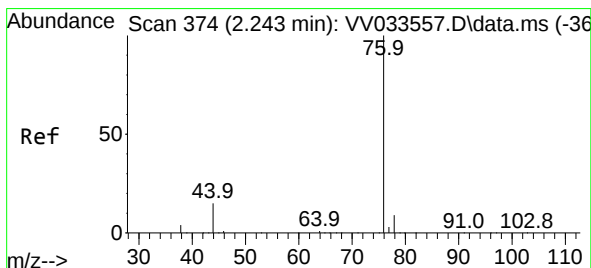
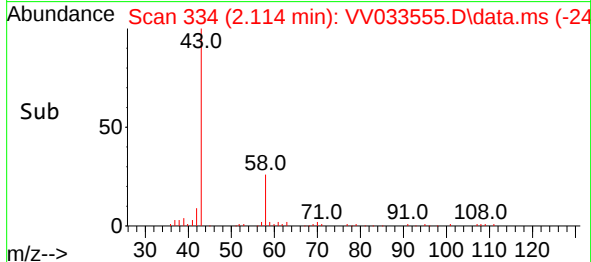
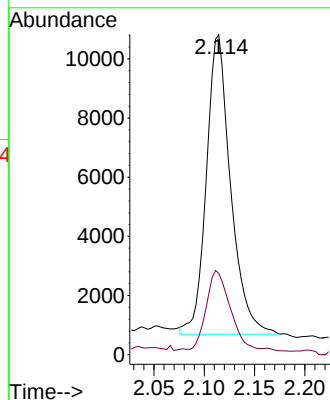
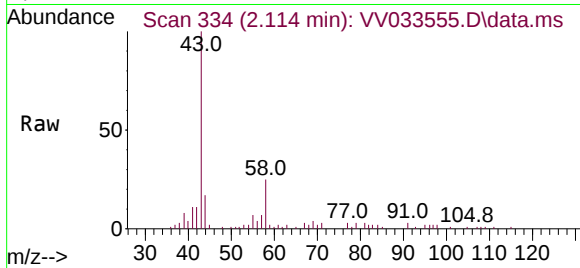
ClientSampleId :

Tgt Ion: 43 Resp: 16994

Ion Ratio Lower Upper

43 100

58 25.5 0.0 57.2



#14

Carbon disulfide

Concen: 5.408 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033555.D

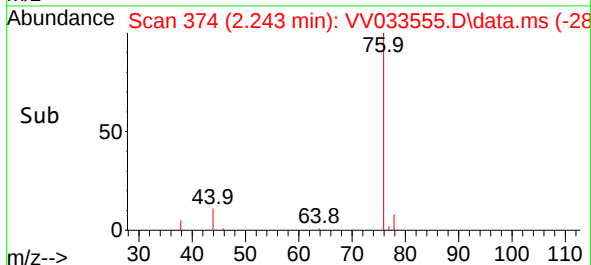
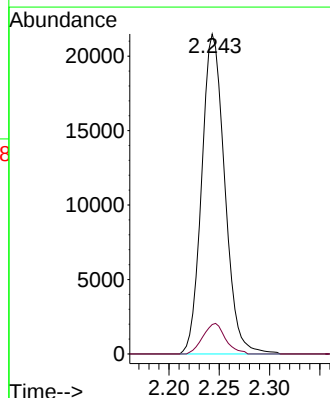
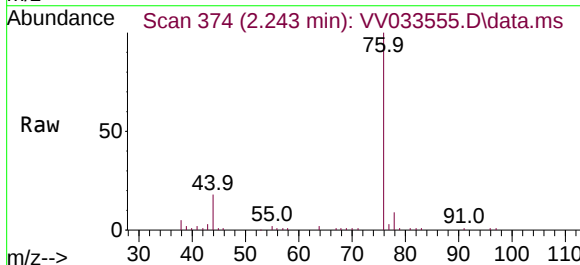
Acq: 10 Jan 2024 11:58

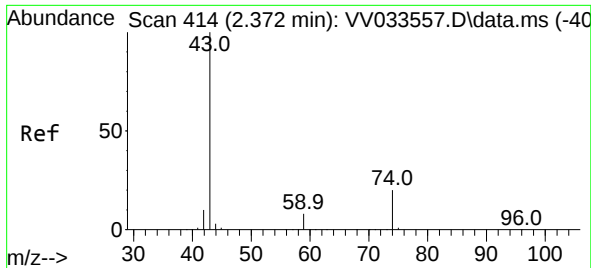
Tgt Ion: 76 Resp: 34266

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





#15

Methyl Acetate

Concen: 5.493 ug/L

RT: 2.378 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

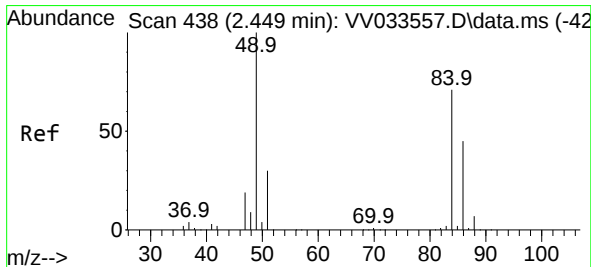
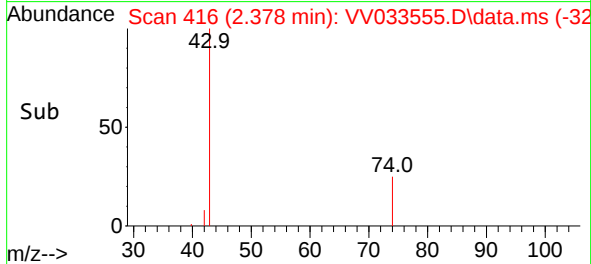
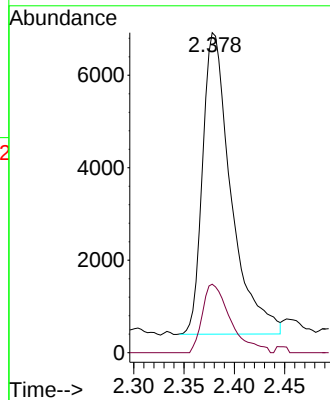
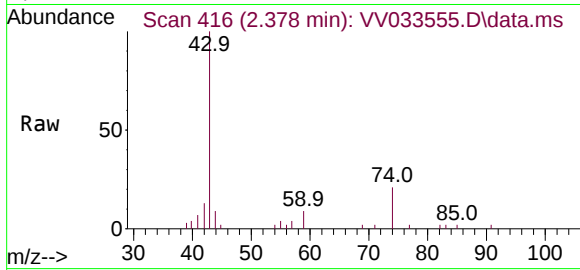
ClientSampleId :

Tgt Ion: 43 Resp: 12830

Ion Ratio Lower Upper

43 100

74 22.5 0.0 0.0#



#16

Methylene chloride

Concen: 5.061 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.003 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

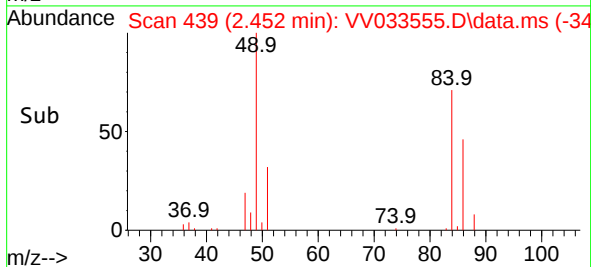
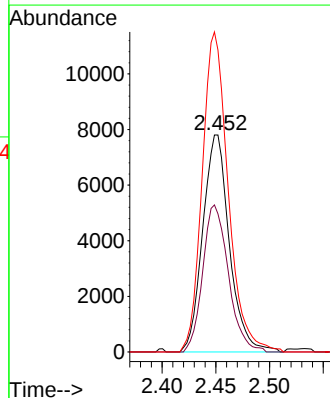
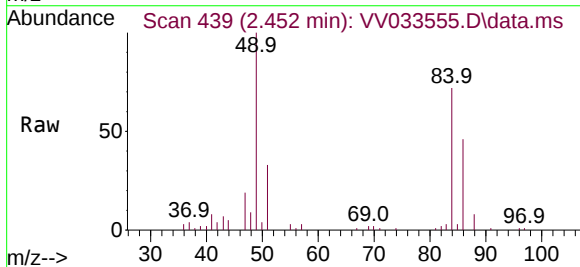
Tgt Ion: 84 Resp: 13470

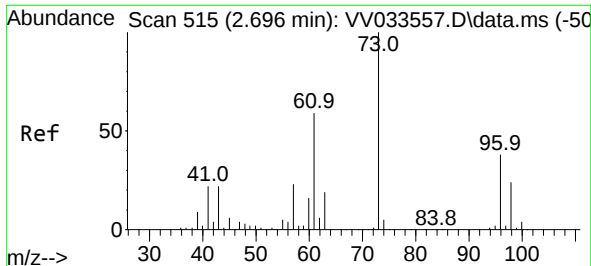
Ion Ratio Lower Upper

84 100

86 63.6 43.9 81.5

49 139.1 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 5.274 ug/L

RT: 2.700 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

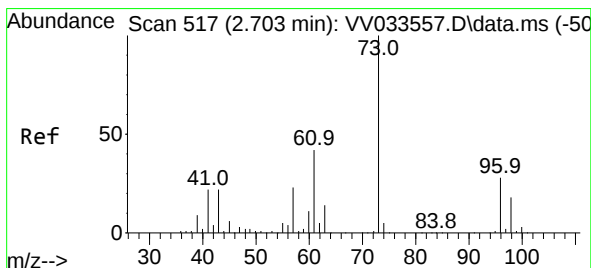
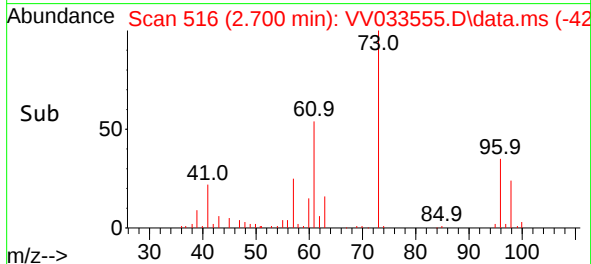
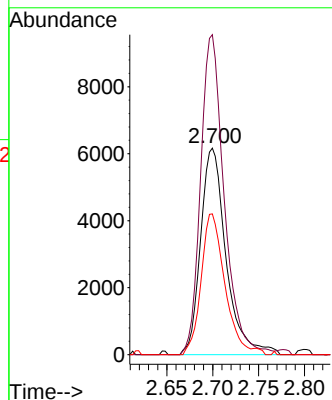
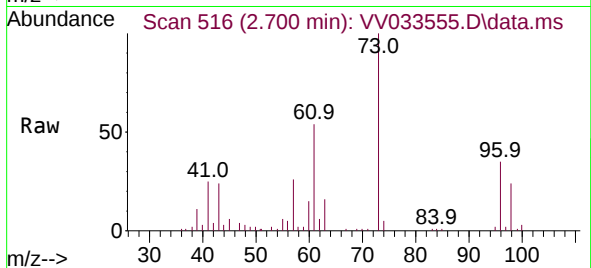
Tgt Ion: 96 Resp: 11941

Ion Ratio Lower Upper

96 100

61 154.9 108.4 201.4

98 68.2 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 5.695 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

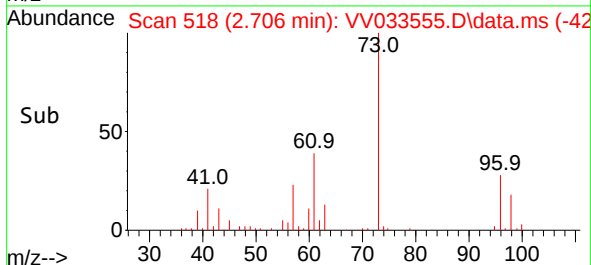
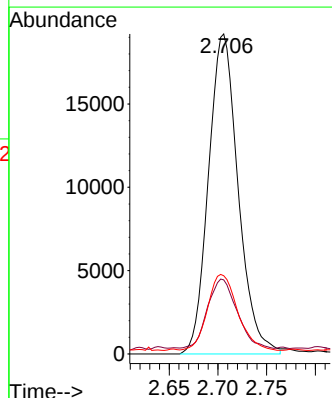
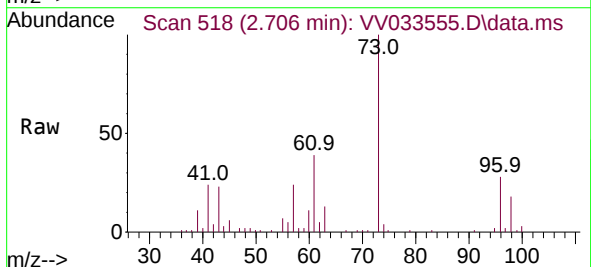
Tgt Ion: 73 Resp: 40705

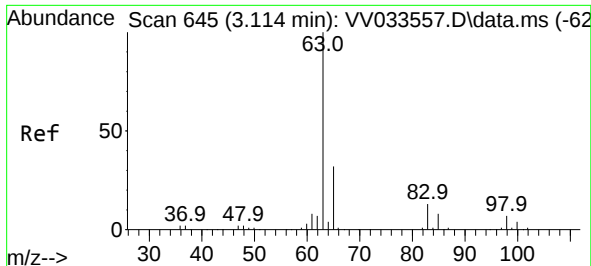
Ion Ratio Lower Upper

73 100

43 21.6 17.4 26.2

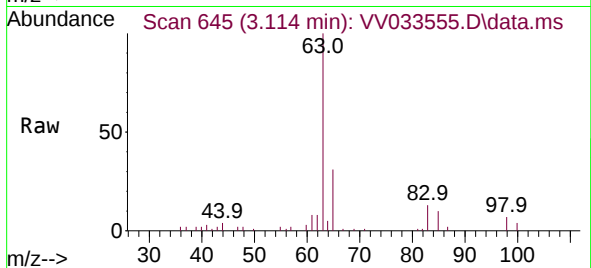
57 23.9 18.6 27.8



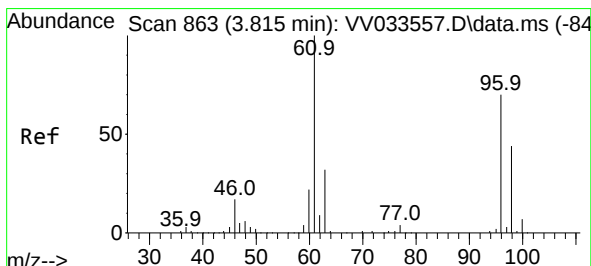
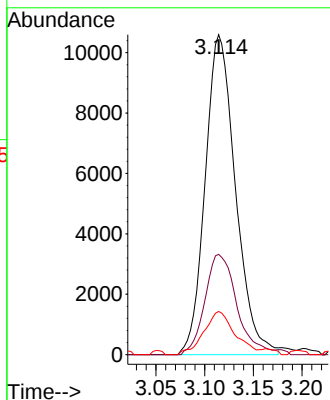
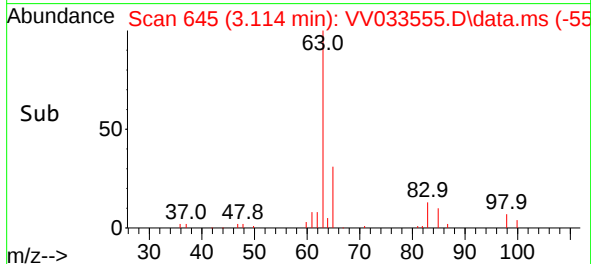


#19
 1,1-Dichloroethane
 Concen: 5.190 ug/L
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV033555.D
 Acq: 10 Jan 2024 11:58

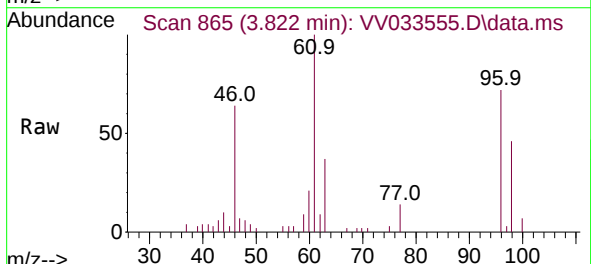
Instrument :
 MSVOA_V
 ClientSampleId :



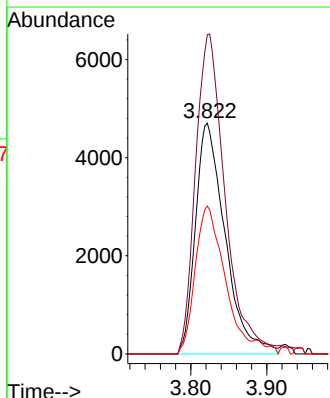
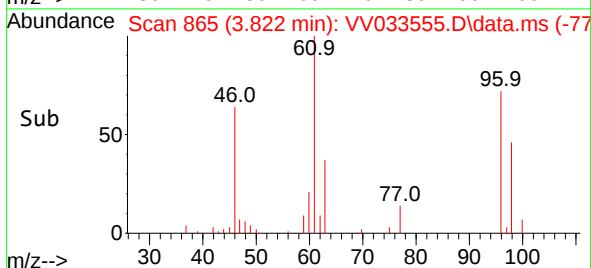
Tgt Ion: 63 Resp: 22936
 Ion Ratio Lower Upper
 63 100
 65 31.3 22.4 41.6
 83 13.5 8.9 16.5

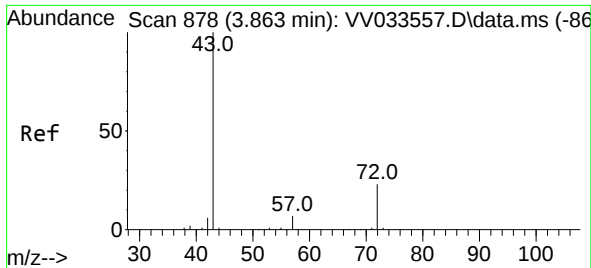


#20
 cis-1,2-Dichloroethene
 Concen: 4.974 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VV033555.D
 Acq: 10 Jan 2024 11:58



Tgt Ion: 96 Resp: 12781
 Ion Ratio Lower Upper
 96 100
 61 138.3 100.6 186.8
 98 64.0 44.6 82.8

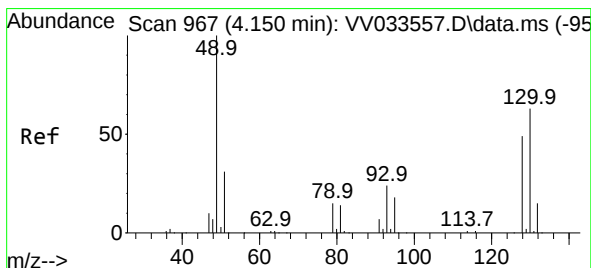
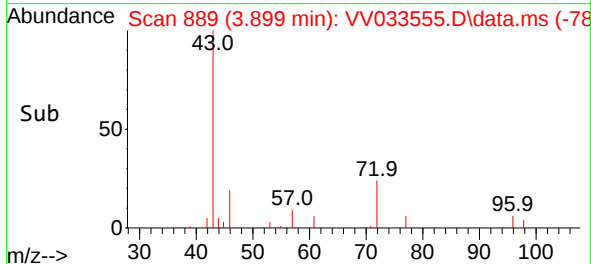
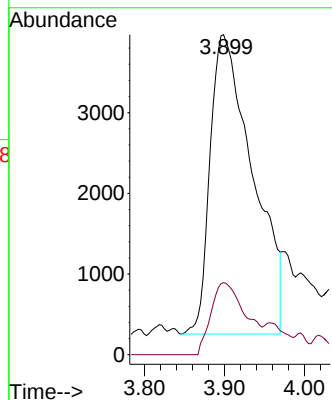
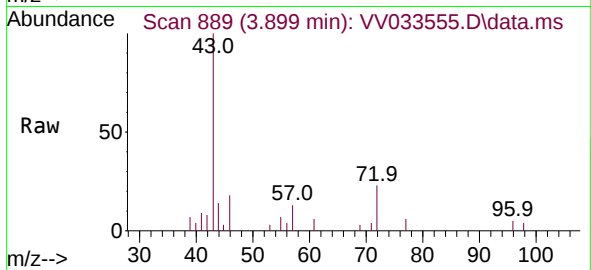




#22
2-Butanone
Concen: 8.365 ug/L
RT: 3.899 min Scan# 81
Delta R.T. 0.035 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

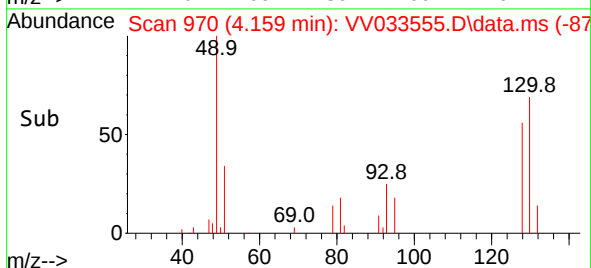
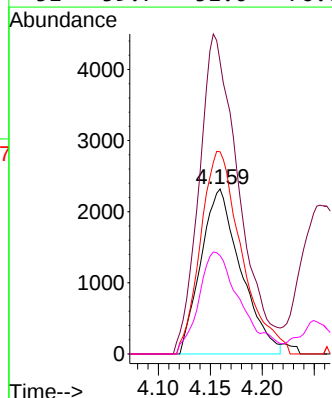
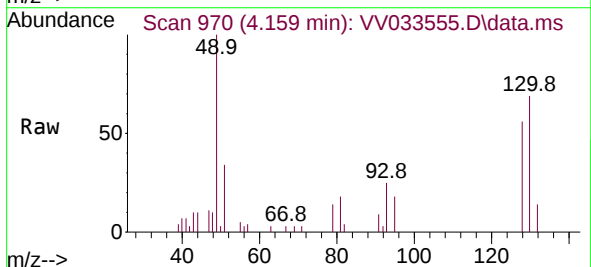
Instrument :
MSVOA_V
ClientSampleId :

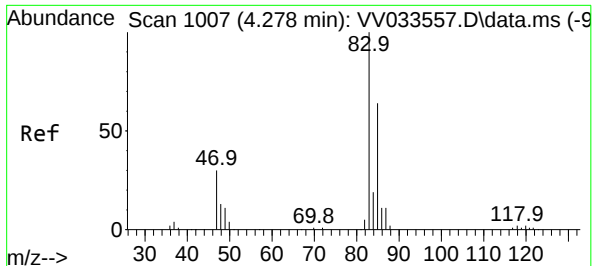
Tgt Ion: 43 Resp: 13739
Ion Ratio Lower Upper
43 100
72 17.6 11.9 35.5



#23
Bromochloromethane
Concen: 4.479 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.010 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

Tgt Ion:128 Resp: 6183
Ion Ratio Lower Upper
128 100
49 177.3 143.9 267.2
130 122.6 90.6 168.2
51 59.7 51.0 76.6





#25

Chloroform

Concen: 4.658 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

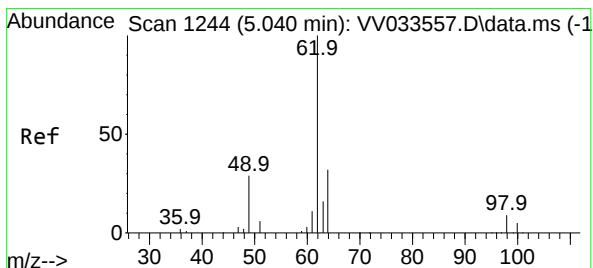
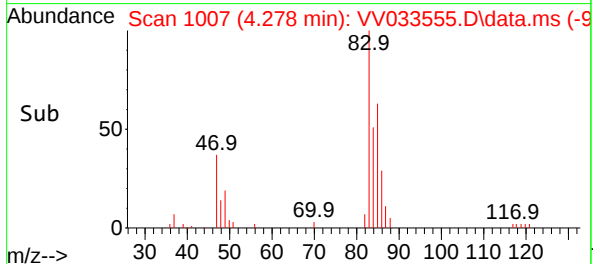
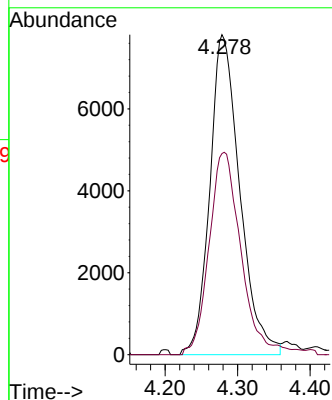
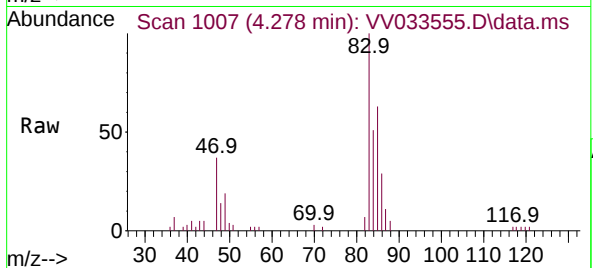
ClientSampleId :

Tgt Ion: 83 Resp: 22438

Ion Ratio Lower Upper

83 100

85 62.8 45.1 83.9



#27

1,2-Dichloroethane

Concen: 4.881 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.010 min

Lab File: VV033555.D

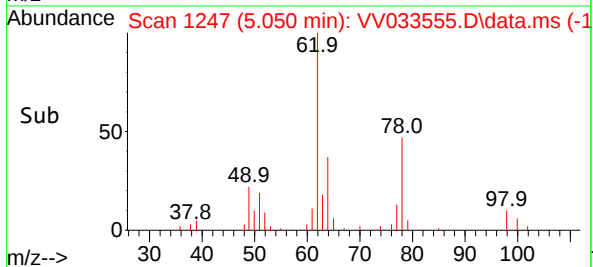
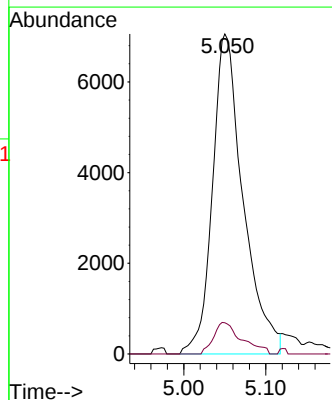
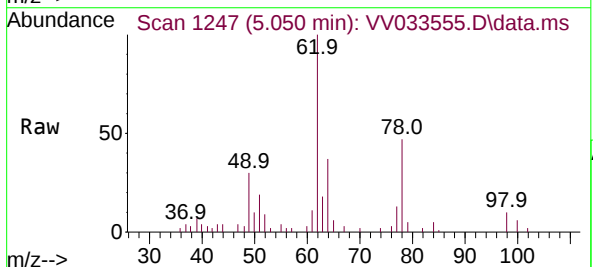
Acq: 10 Jan 2024 11:58

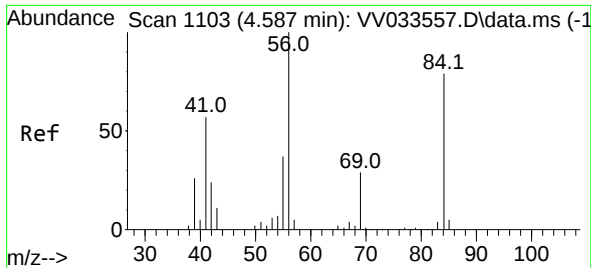
Tgt Ion: 62 Resp: 18285

Ion Ratio Lower Upper

62 100

98 9.7 6.8 10.2

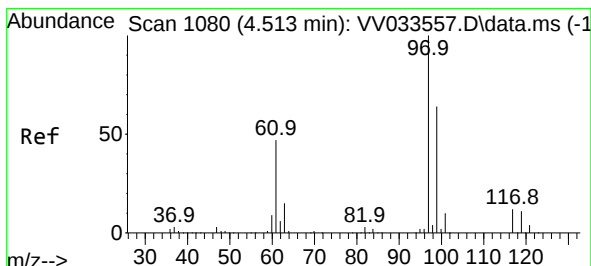
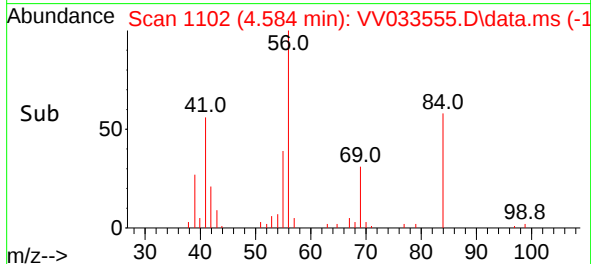
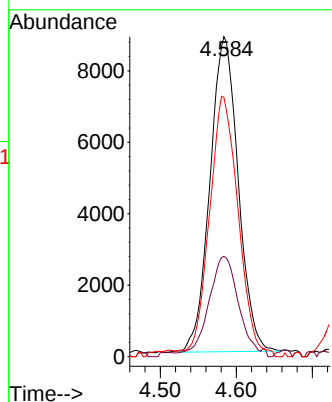
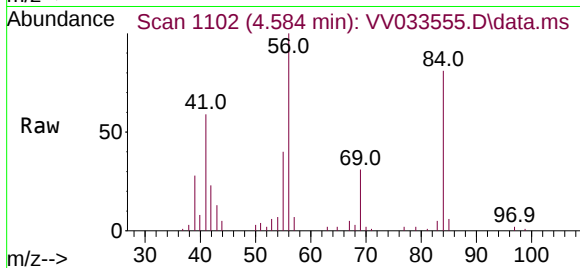




#29
Cyclohexane
Concen: 7.009 ug/L
RT: 4.584 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

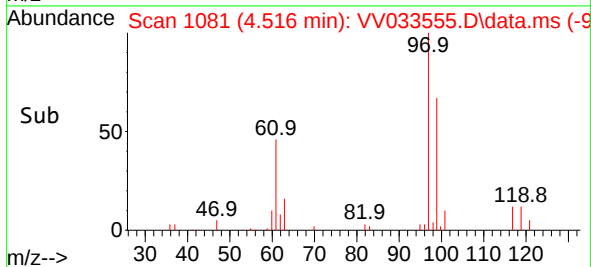
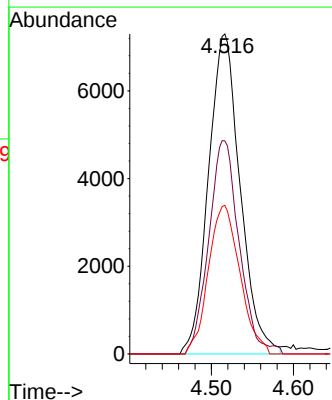
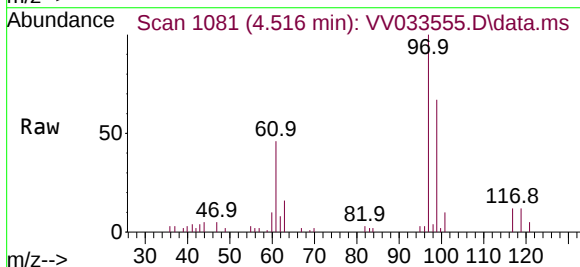
Instrument :
MSVOA_V
ClientSampleId :

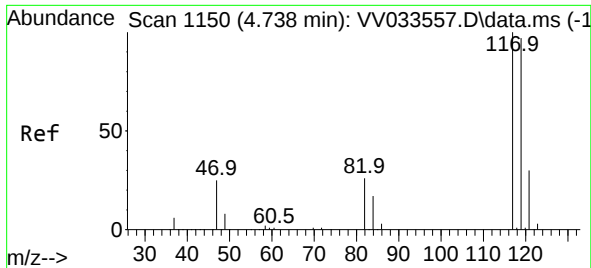
Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.8	35.6
84	84.1	63.8	95.6



#30
1,1,1-Trichloroethane
Concen: 4.914 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.0
61	46.2	38.2	57.2

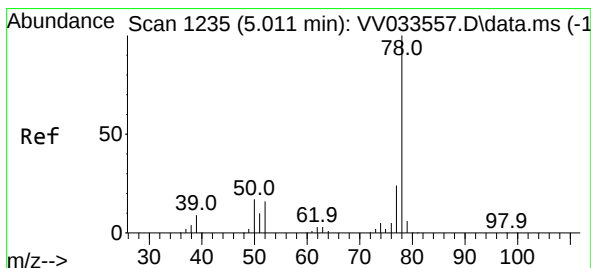
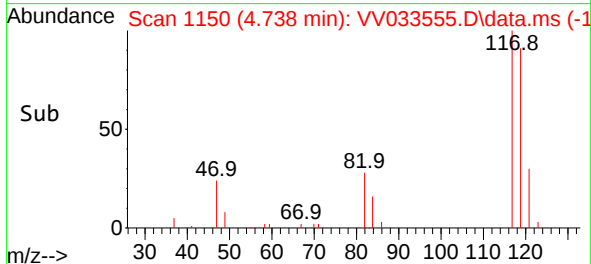
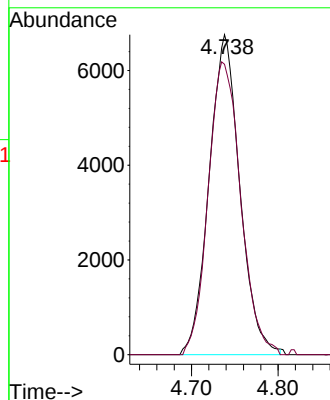
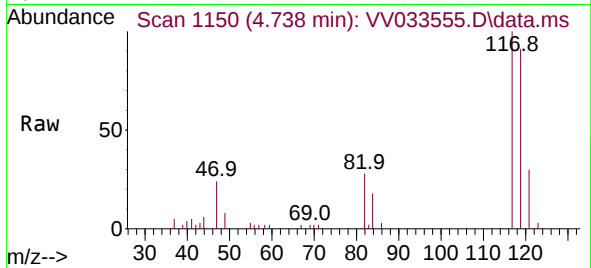




#31
Carbon tetrachloride
Concen: 4.711 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

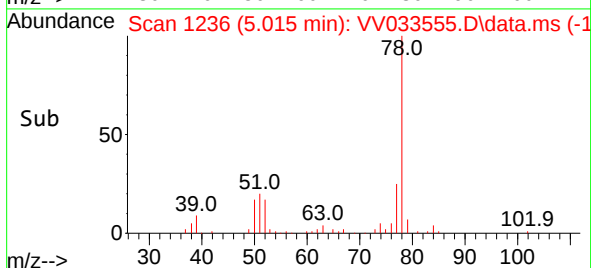
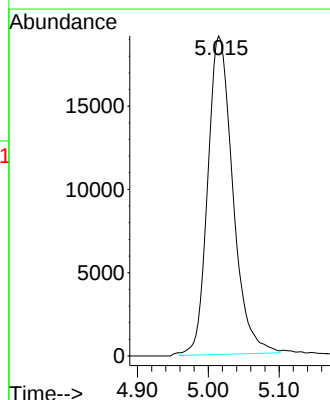
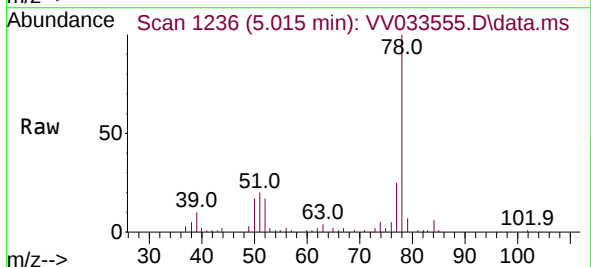
Instrument :
MSVOA_V
ClientSampleId :

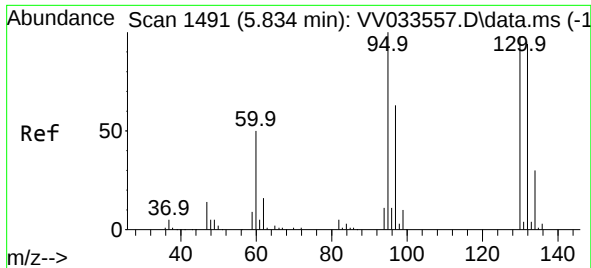
Tgt Ion:117 Resp: 16651
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.4



#33
Benzene
Concen: 5.348 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 78 Resp: 47080



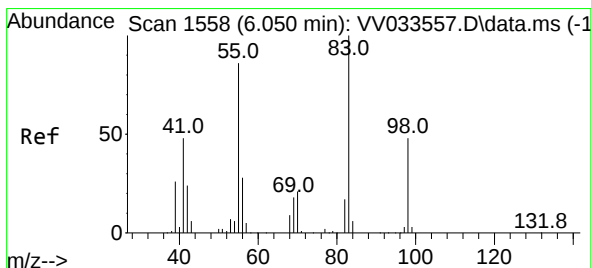
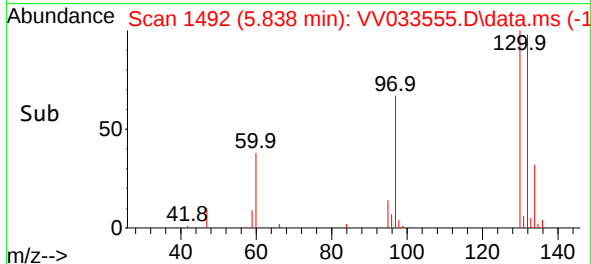
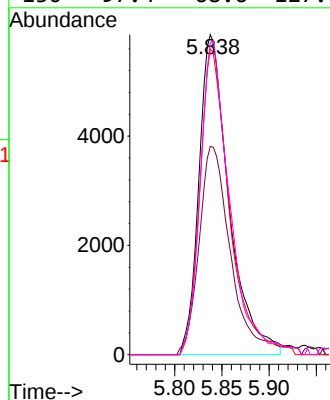
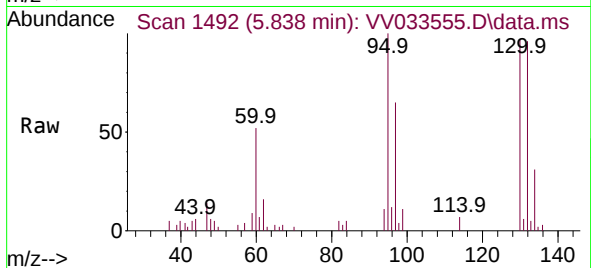


#34
Trichloroethene
Concen: 5.345 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 12924

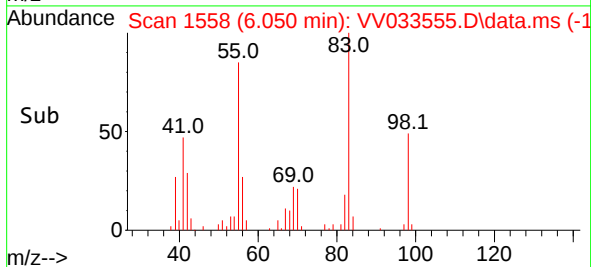
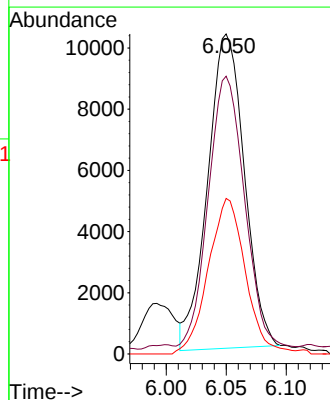
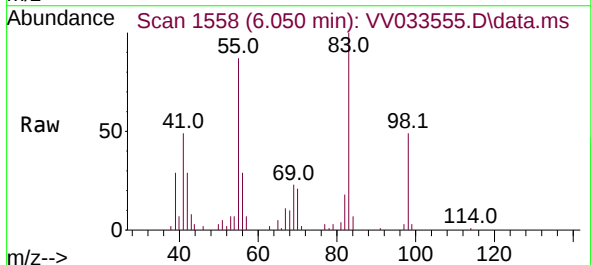
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.4	82.4
132	95.5	65.5	121.7
130	97.4	68.6	127.4

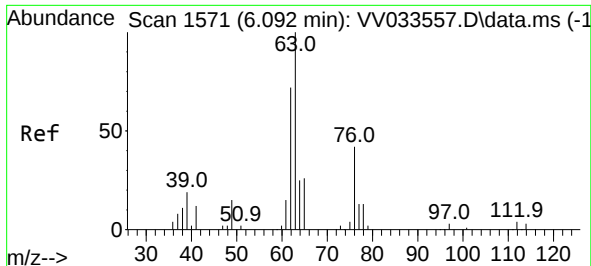


#35
Methylcyclohexane
Concen: 6.103 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 83 Resp: 21883

Ion	Ratio	Lower	Upper
83	100		
55	85.5	67.1	100.7
98	49.9	37.7	56.5





#37

1,2-Dichloropropane

Concen: 5.152 ug/L

RT: 6.098 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

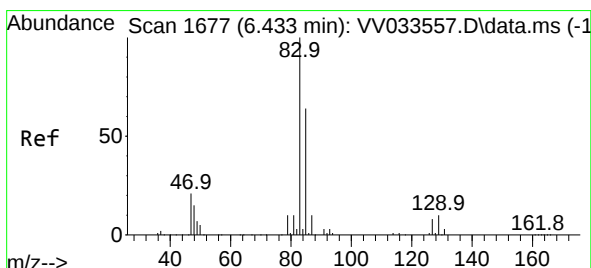
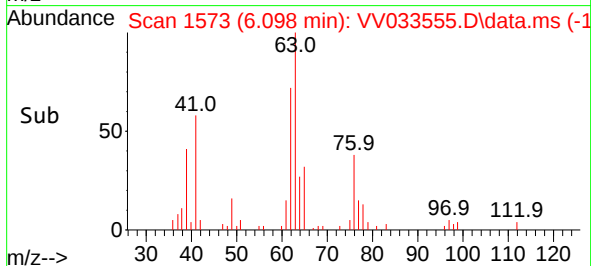
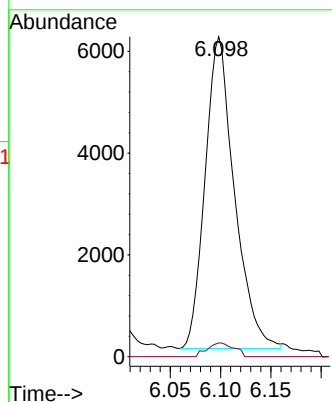
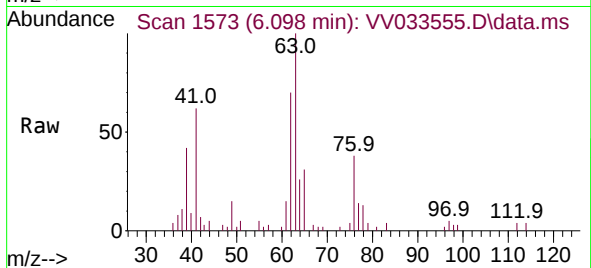
ClientSampleId :

Tgt Ion: 63 Resp: 12413

Ion Ratio Lower Upper

63 100

112 3.7 3.1 4.7



#38

Bromodichloromethane

Concen: 4.988 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

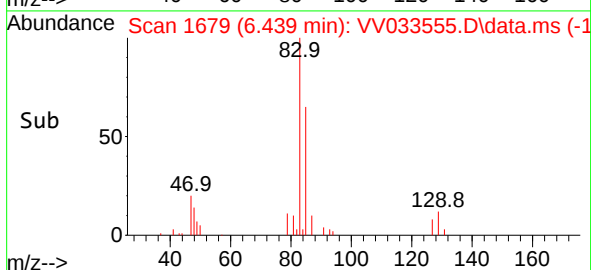
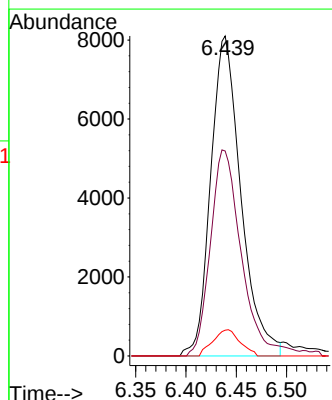
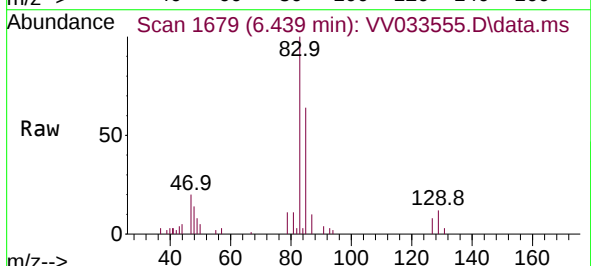
Tgt Ion: 83 Resp: 16935

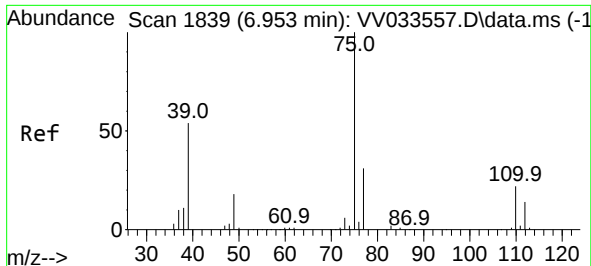
Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

127 8.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.870 ug/L

RT: 6.963 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

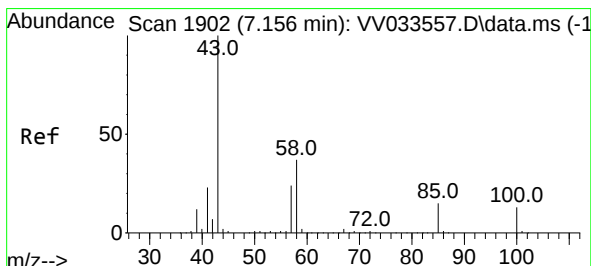
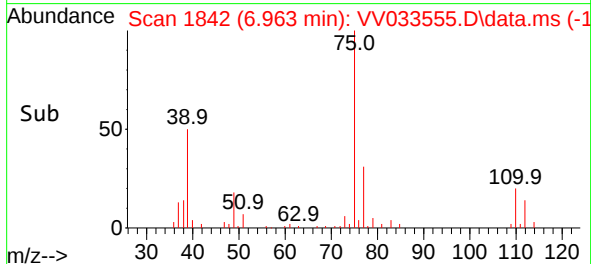
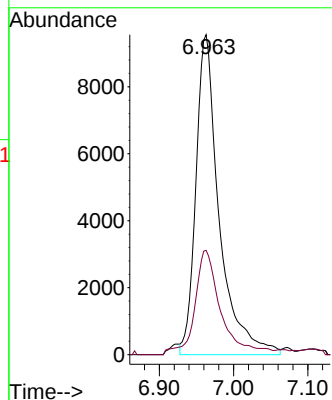
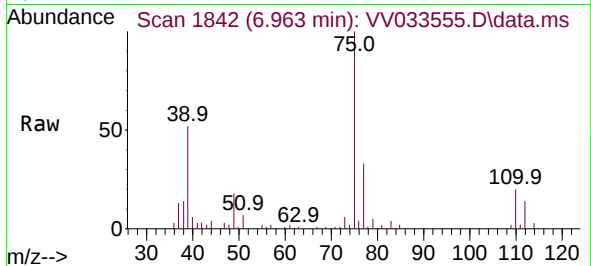
ClientSampleId :

Tgt Ion: 75 Resp: 20875

Ion Ratio Lower Upper

75 100

77 32.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 12.713 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

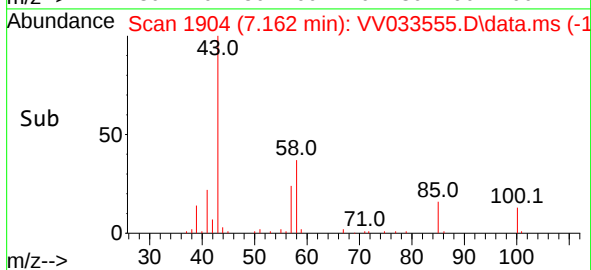
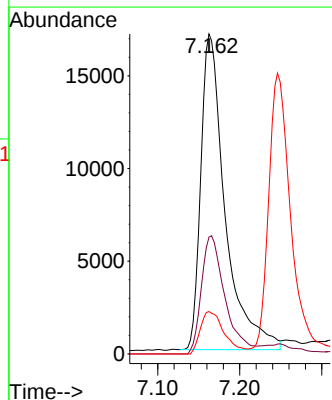
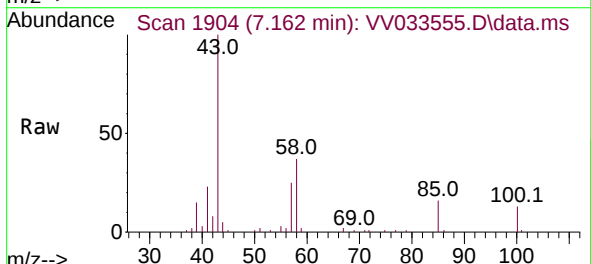
Tgt Ion: 43 Resp: 35065

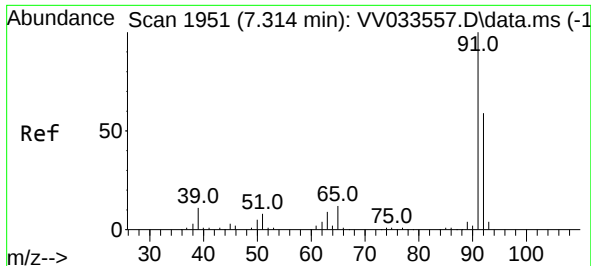
Ion Ratio Lower Upper

43 100

58 36.3 29.6 44.4

100 13.4 10.6 16.0





#42

Toluene

Concen: 5.538 ug/L

RT: 7.320 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

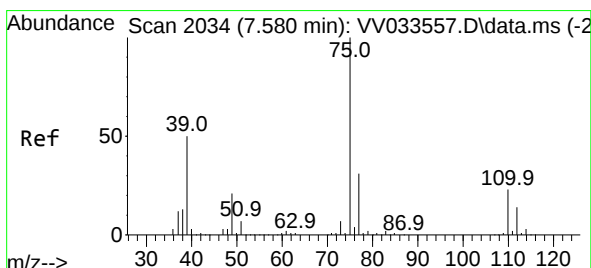
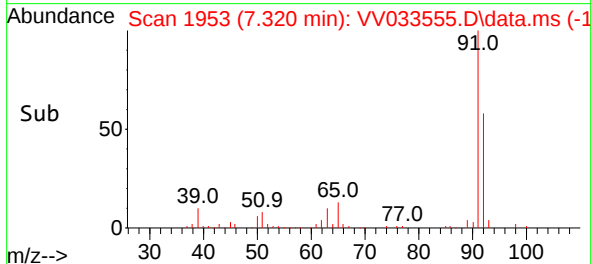
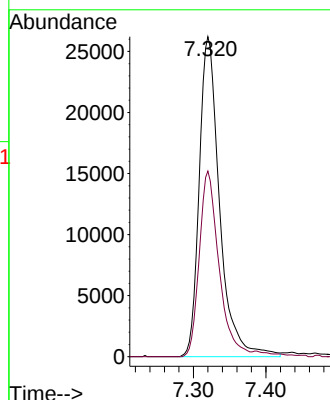
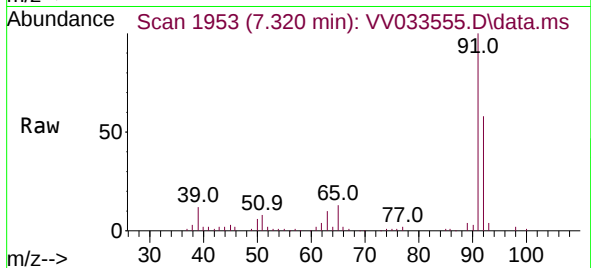
ClientSampleId :

Tgt Ion: 91 Resp: 51105

Ion Ratio Lower Upper

91 100

92 58.0 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 5.065 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.010 min

Lab File: VV033555.D

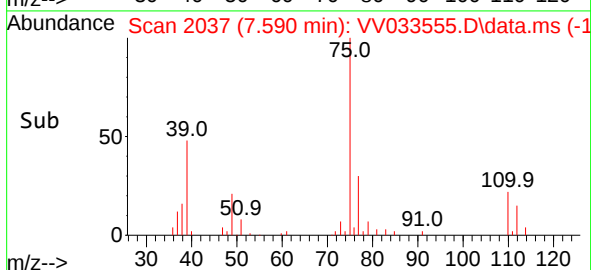
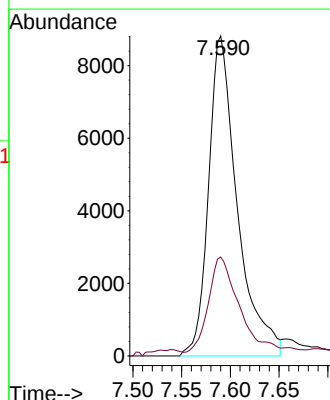
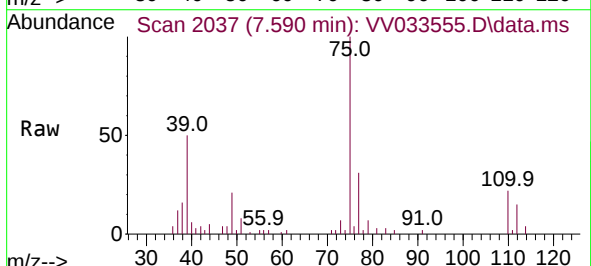
Acq: 10 Jan 2024 11:58

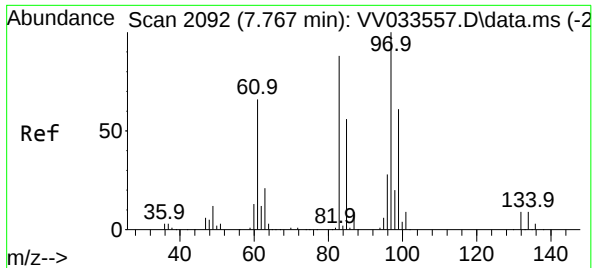
Tgt Ion: 75 Resp: 18108

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 4.865 ug/L

RT: 7.770 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 11838

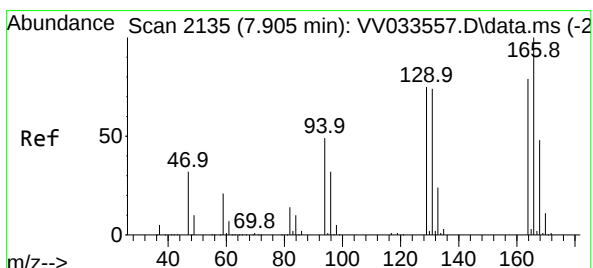
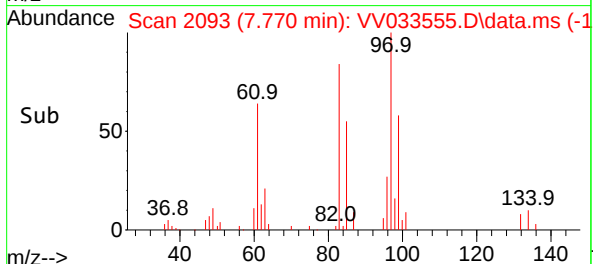
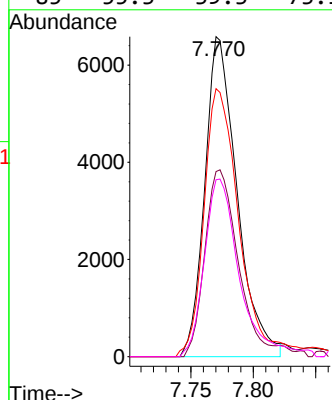
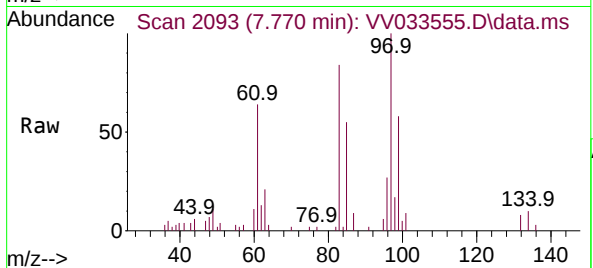
Ion Ratio Lower Upper

97 100

99 57.8 42.8 79.6

83 83.7 61.2 113.8

85 55.3 39.3 73.1



#46

Tetrachloroethene

Concen: 5.002 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Tgt Ion:164 Resp: 9295

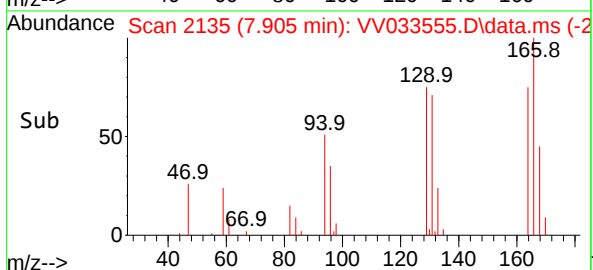
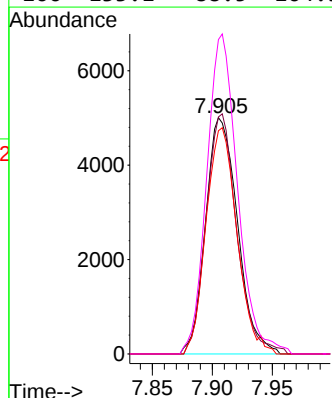
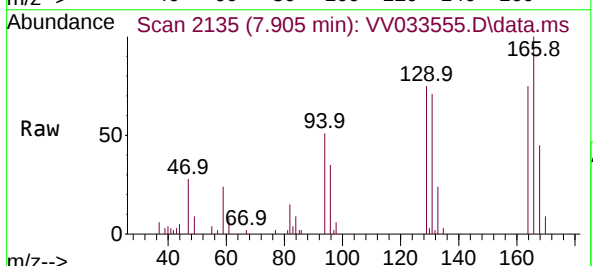
Ion Ratio Lower Upper

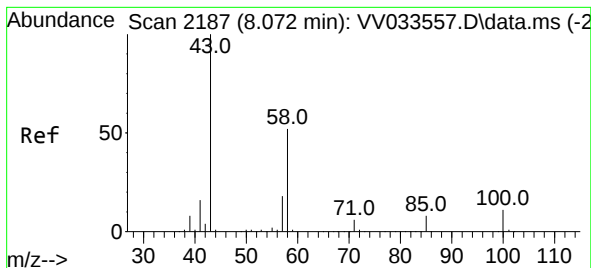
164 100

129 100.3 66.1 122.7

131 94.4 65.9 122.5

166 133.1 88.5 164.3





#48

2-Hexanone

Concen: 11.690 ug/L

RT: 8.085 min Scan# 2187

Delta R.T. 0.013 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 26843

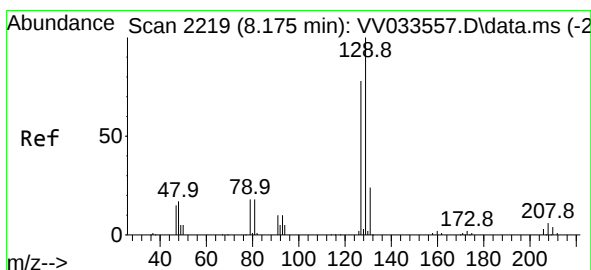
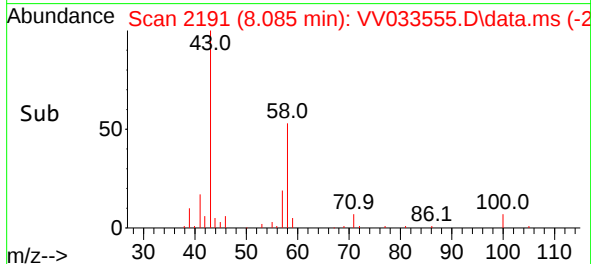
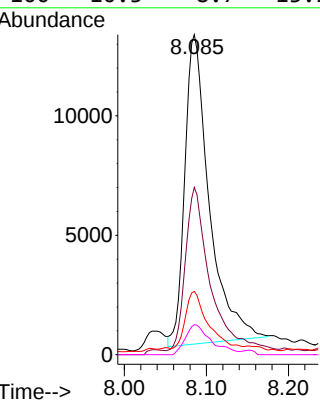
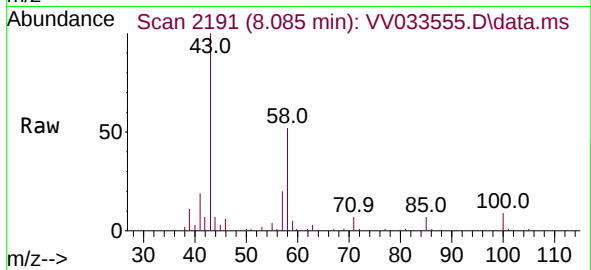
Ion Ratio Lower Upper

43 100

58 52.2 42.3 63.5

57 16.4 14.2 21.2

100 10.3 8.7 13.1



#49

Dibromochloromethane

Concen: 4.794 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VV033555.D

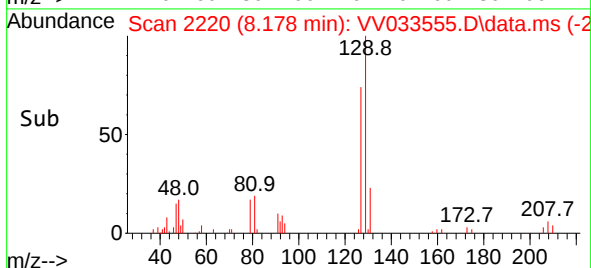
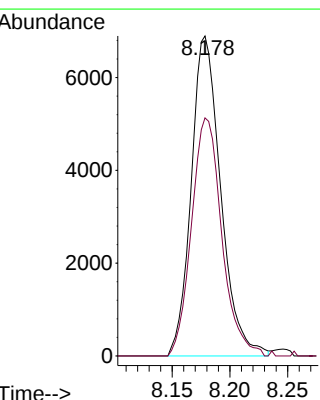
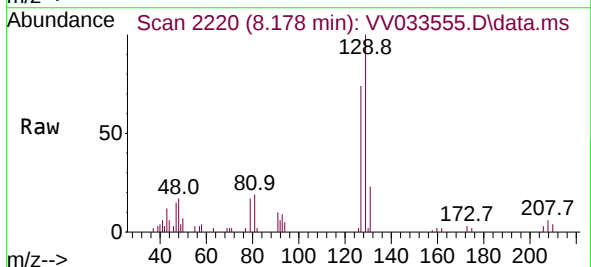
Acq: 10 Jan 2024 11:58

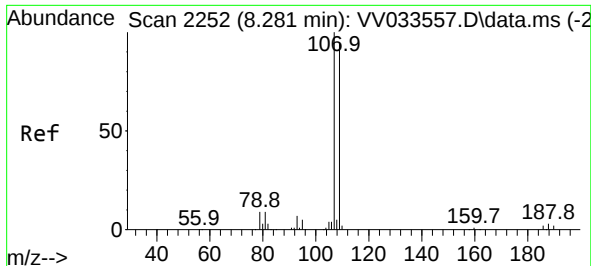
Tgt Ion: 129 Resp: 12251

Ion Ratio Lower Upper

129 100

127 74.4 54.5 101.3





#50

1,2-Dibromoethane

Concen: 4.874 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV033555.D

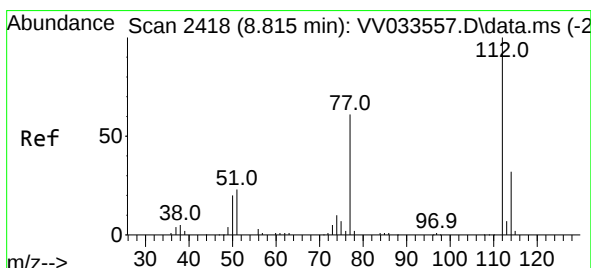
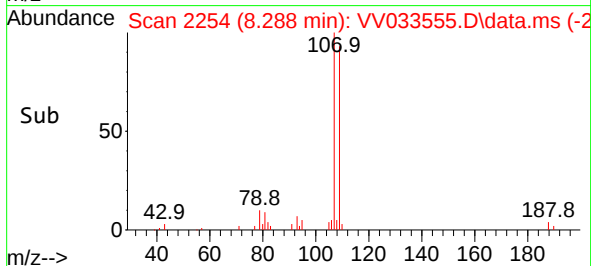
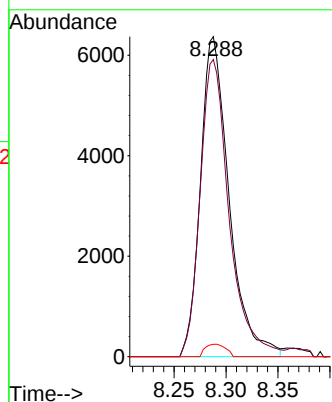
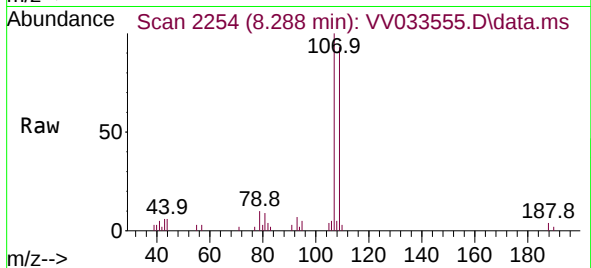
Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	12248
Ion	Ratio	Lower	Upper
107	100		
109	92.9	66.4	123.4
188	3.9	2.7	4.1



#51

Chlorobenzene

Concen: 4.771 ug/L

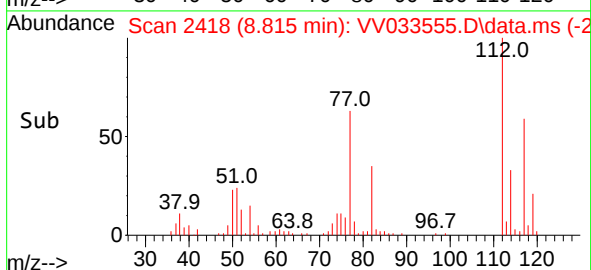
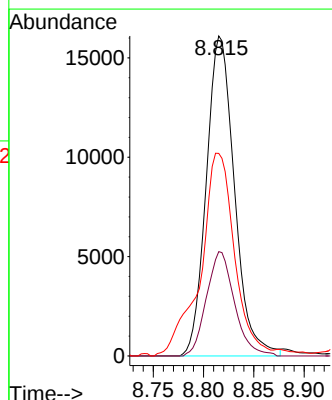
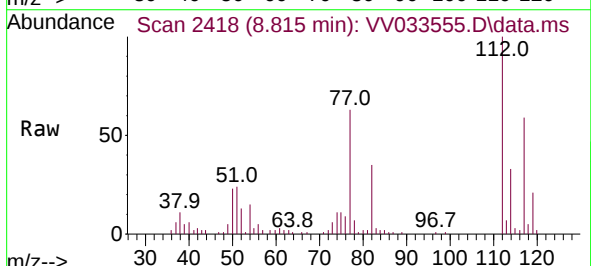
RT: 8.815 min Scan# 2418

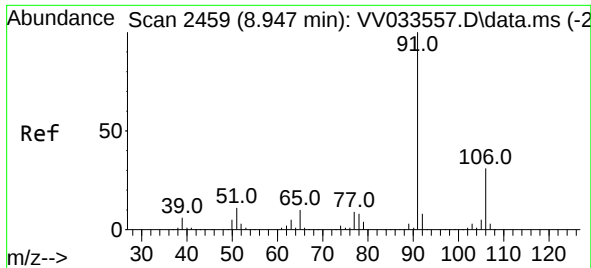
Delta R.T. 0.000 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Tgt Ion:	112	Resp:	31419
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.5	41.7
77	63.3	49.4	74.0

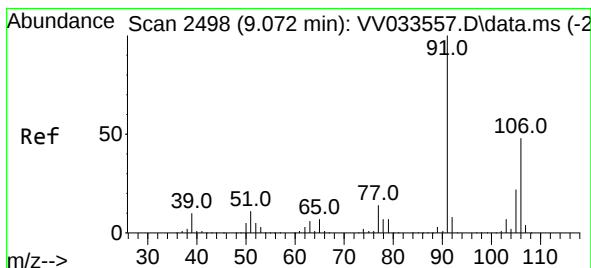
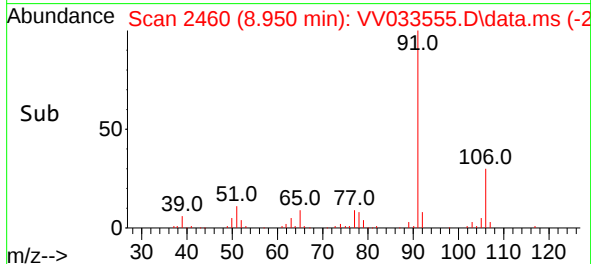
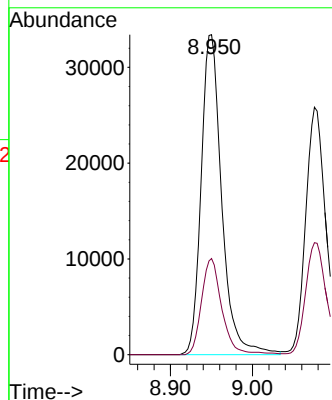
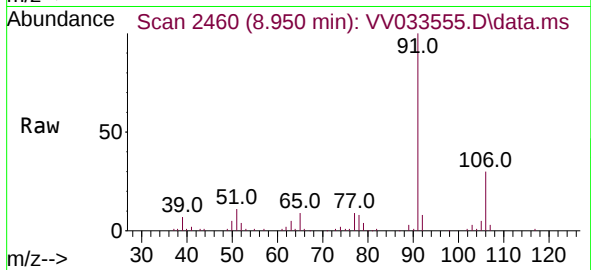




#52
Ethylbenzene
Concen: 5.586 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

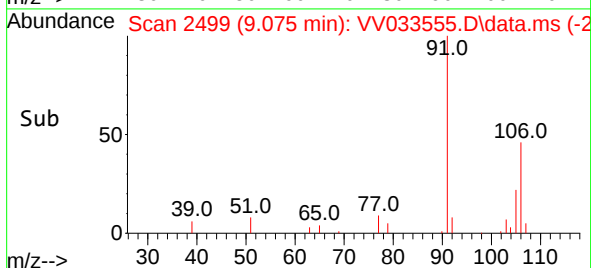
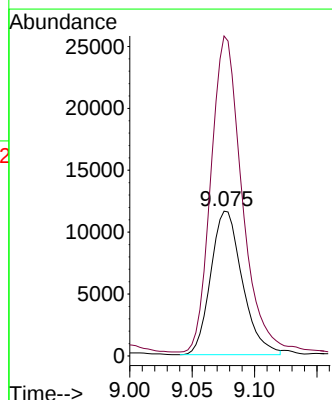
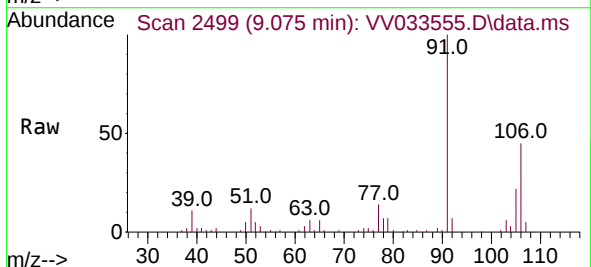
Instrument :
MSVOA_V
ClientSampleId :

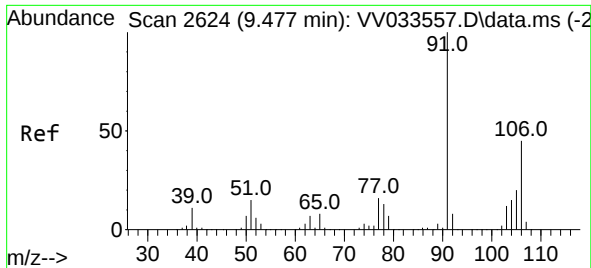
Tgt Ion: 91 Resp: 58186
Ion Ratio Lower Upper
91 100
106 30.1 21.5 39.9



#53
m,p-Xylene
Concen: 5.251 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 106 Resp: 20417
Ion Ratio Lower Upper
106 100
91 220.9 146.1 271.3

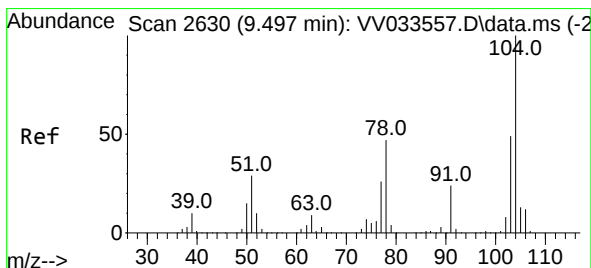
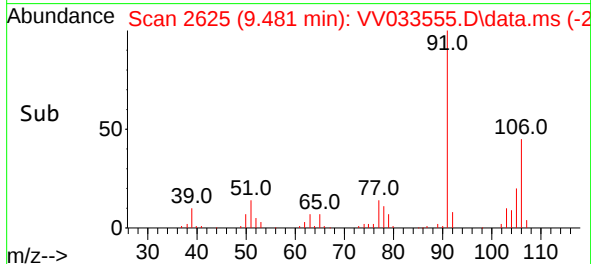
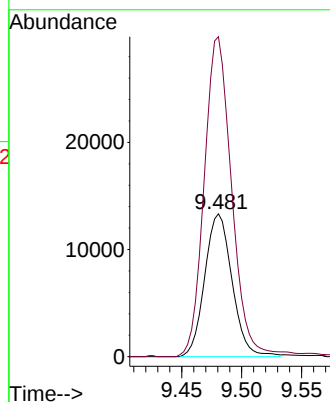
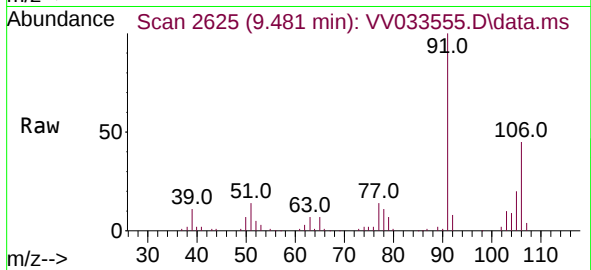




#54
o-Xylene
Concen: 5.568 ug/L
RT: 9.481 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

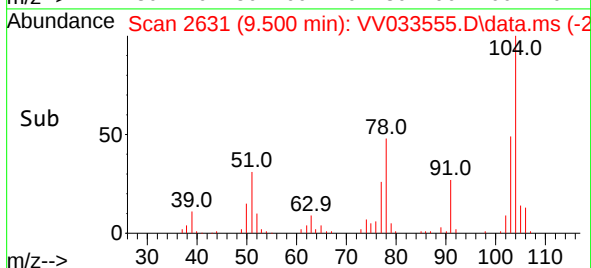
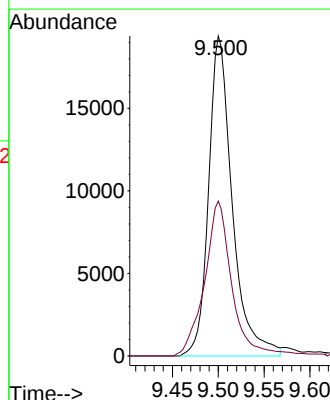
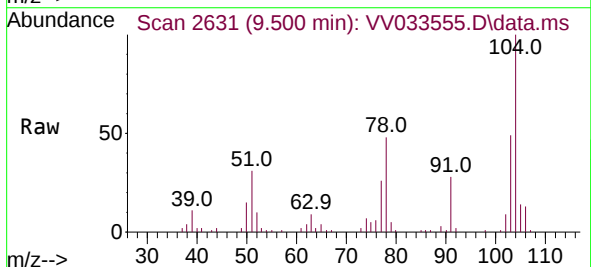
Instrument :
MSVOA_V
ClientSampleId :

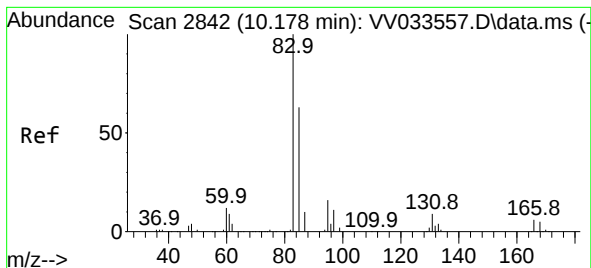
Tgt Ion:106 Resp: 21161
Ion Ratio Lower Upper
106 100
91 223.9 155.2 288.2



#55
Styrene
Concen: 5.252 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

Tgt Ion:104 Resp: 34740
Ion Ratio Lower Upper
104 100
78 48.4 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.960 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

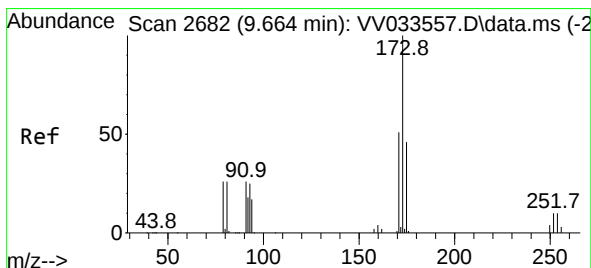
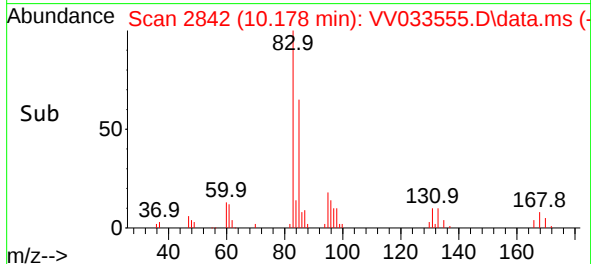
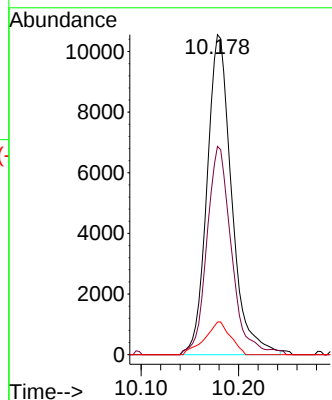
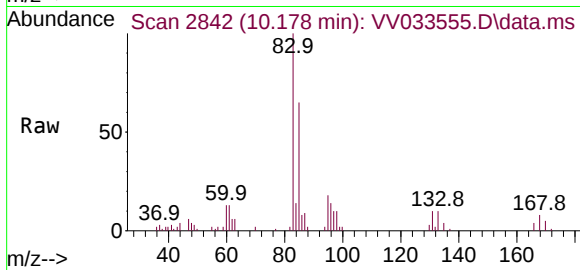
Tgt Ion: 83 Resp: 18545

Ion Ratio Lower Upper

83 100

85 65.1 44.9 83.5

131 10.2 7.5 11.3



#59

Bromoform

Concen: 4.882 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.003 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

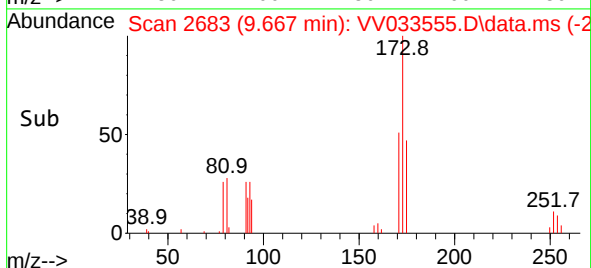
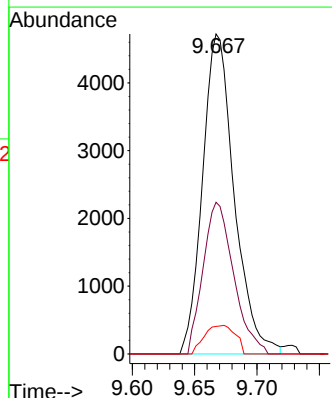
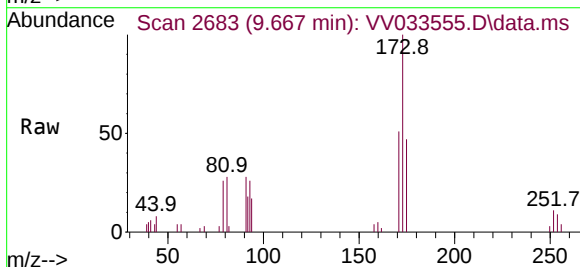
Tgt Ion: 173 Resp: 8336

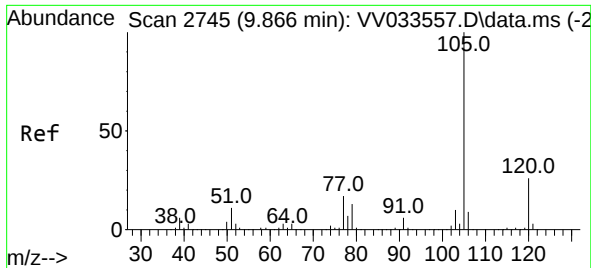
Ion Ratio Lower Upper

173 100

175 45.7 37.2 55.8

254 8.7 7.4 11.0

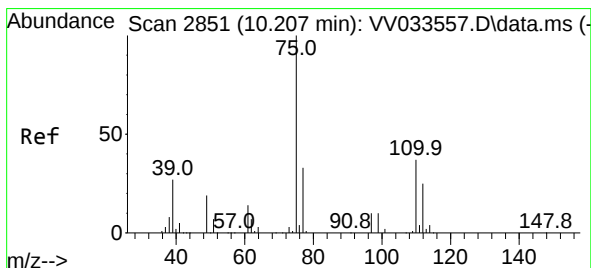
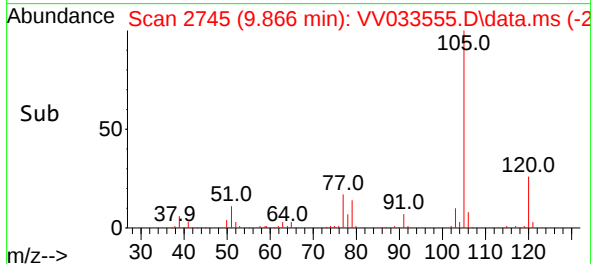
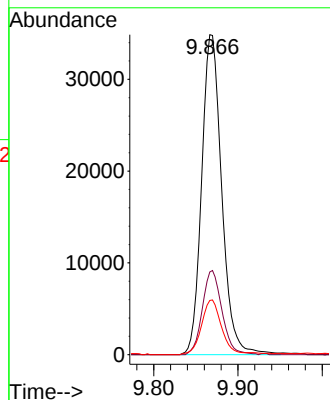
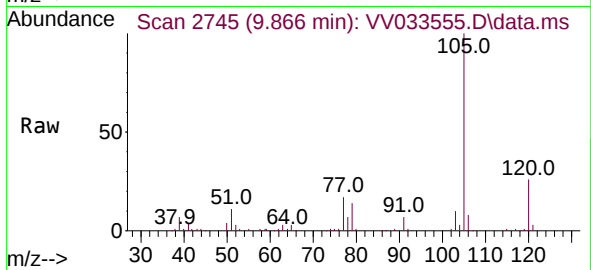




#60
Isopropylbenzene
Concen: 6.074 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

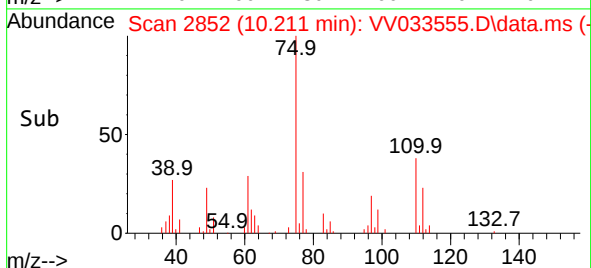
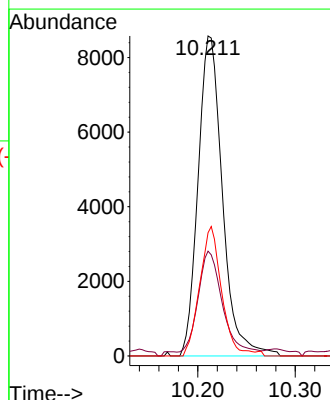
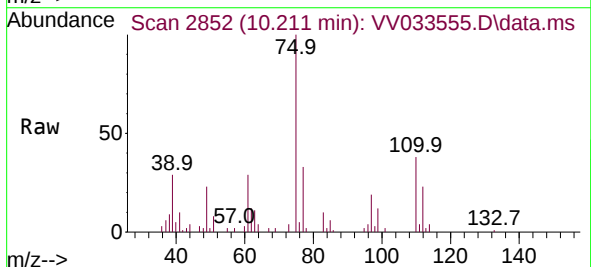
Instrument :
MSVOA_V
ClientSampleId :

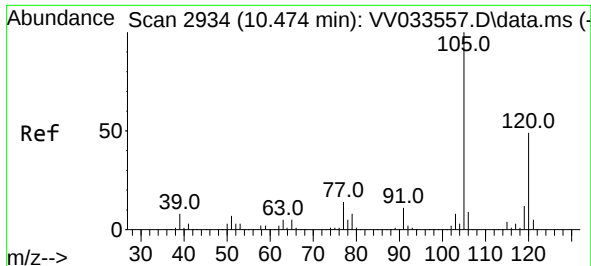
Tgt Ion:105 Resp: 57919
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.9 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.580 ug/L
RT: 10.211 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 75 Resp: 14903
Ion Ratio Lower Upper
75 100
77 34.1 25.3 37.9
110 35.6 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 6.593 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

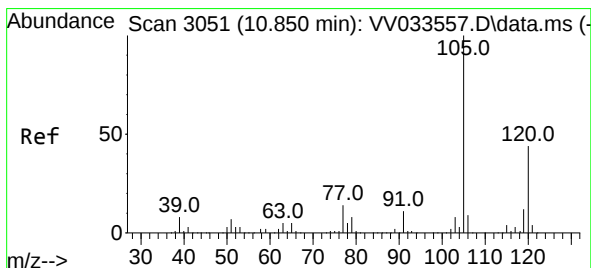
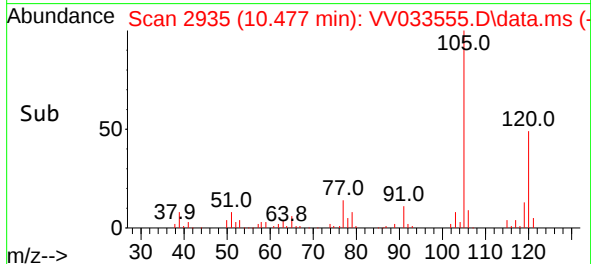
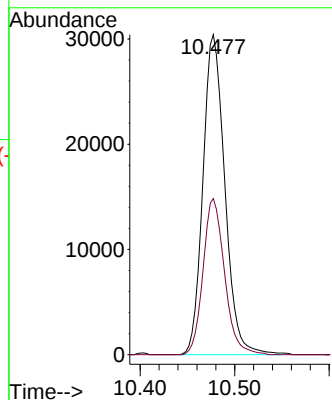
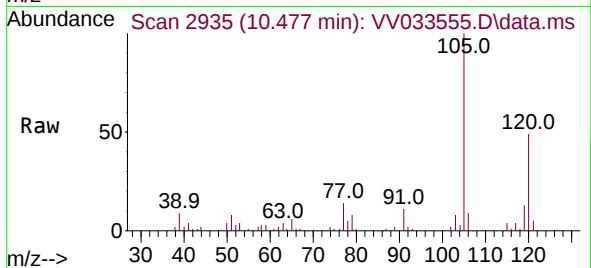
ClientSampleId :

Tgt Ion:105 Resp: 48990

Ion Ratio Lower Upper

105 100

120 47.8 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 6.229 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV033555.D

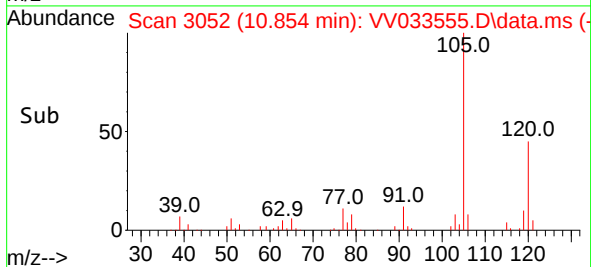
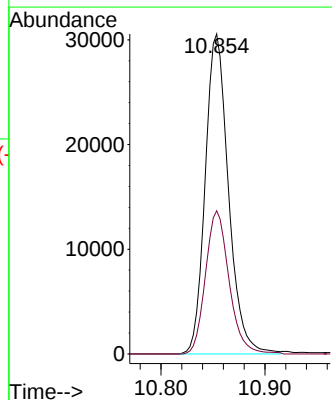
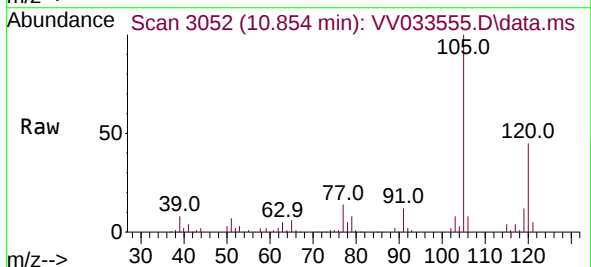
Acq: 10 Jan 2024 11:58

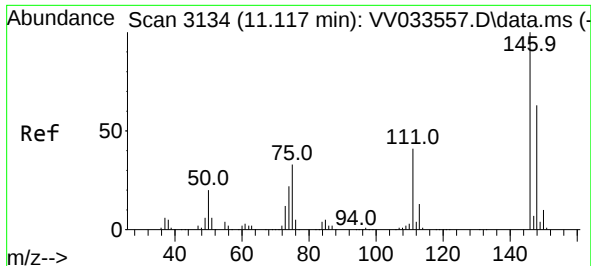
Tgt Ion:105 Resp: 47550

Ion Ratio Lower Upper

105 100

120 45.4 35.4 53.0

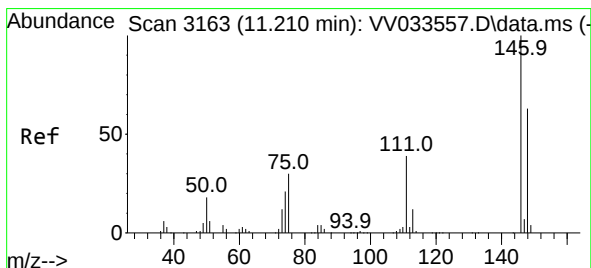
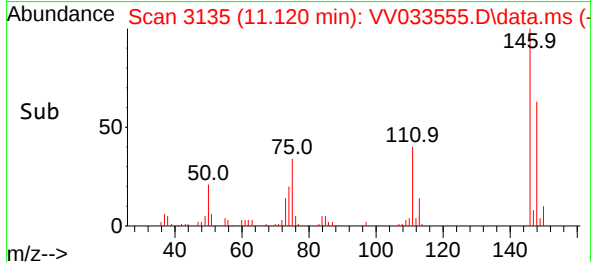
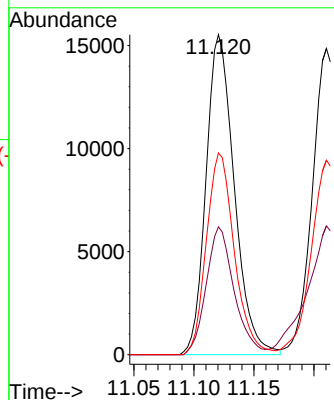
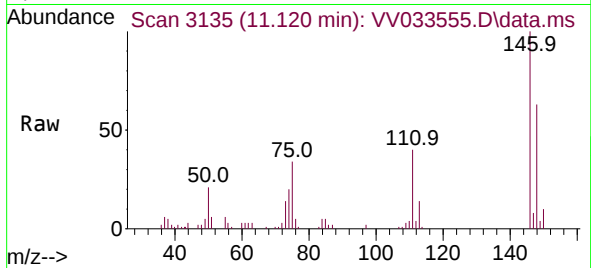




#64
1,3-Dichlorobenzene
Concen: 5.253 ug/L
RT: 11.120 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

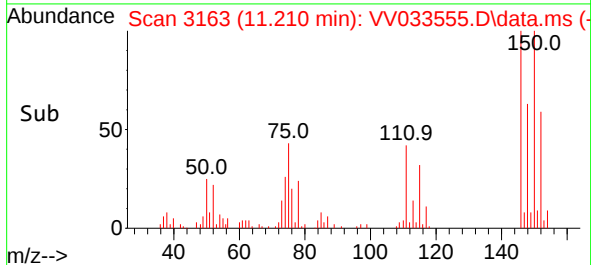
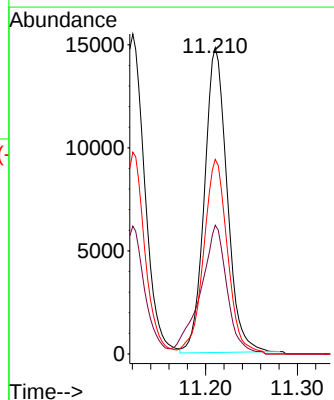
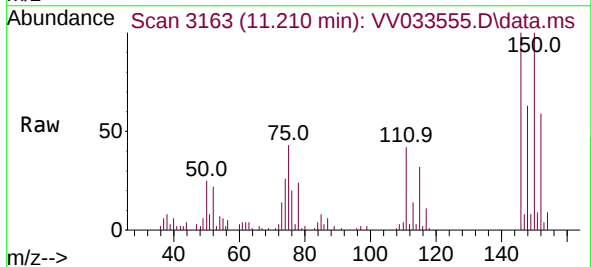
Instrument :
MSVOA_V
ClientSampleId :

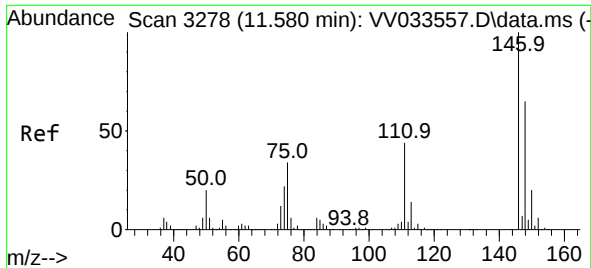
Tgt Ion:146 Resp: 25447
Ion Ratio Lower Upper
146 100
111 39.9 29.0 53.8
148 63.0 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 4.914 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

Tgt Ion:146 Resp: 25374
Ion Ratio Lower Upper
146 100
111 42.0 27.7 51.5
148 63.5 44.1 81.9

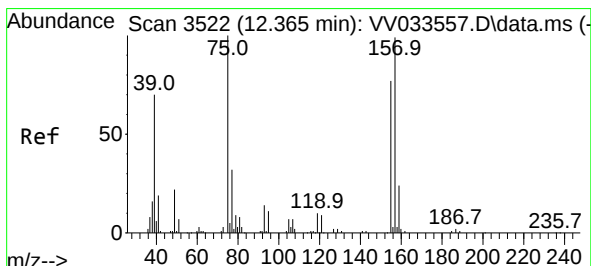
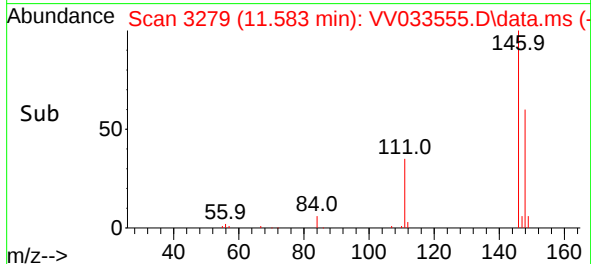
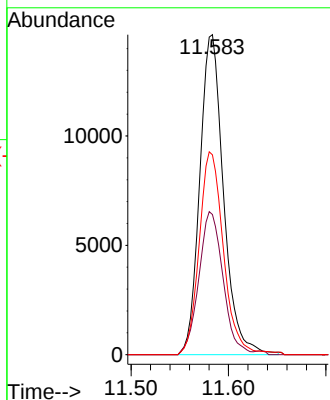
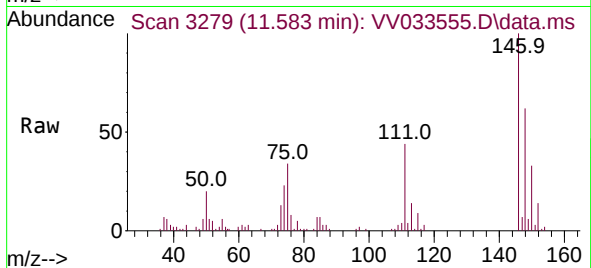




#67
1,2-Dichlorobenzene
Concen: 4.958 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

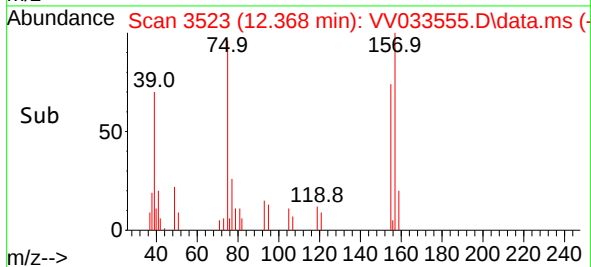
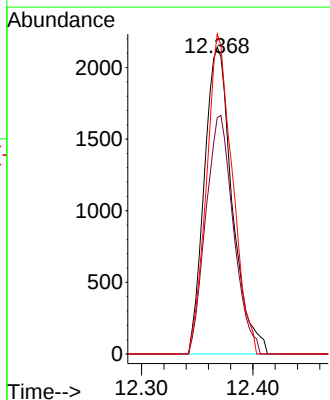
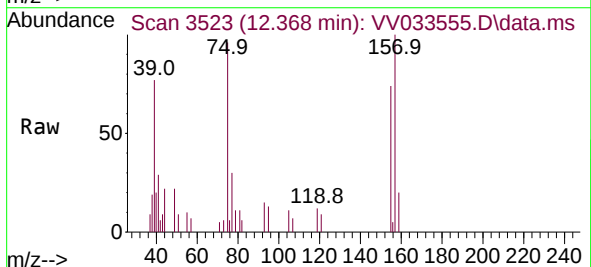
Instrument :
MSVOA_V
ClientSampleId :

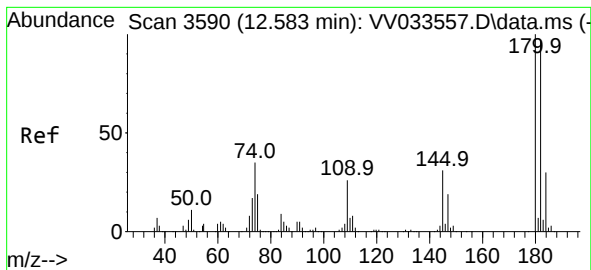
Tgt Ion:146 Resp: 24769
Ion Ratio Lower Upper
146 100
111 43.8 35.4 53.0
148 62.4 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.989 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV033555.D
Acq: 10 Jan 2024 11:58

Tgt Ion: 75 Resp: 3715
Ion Ratio Lower Upper
75 100
155 77.0 61.6 92.4
157 104.3 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 5.070 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

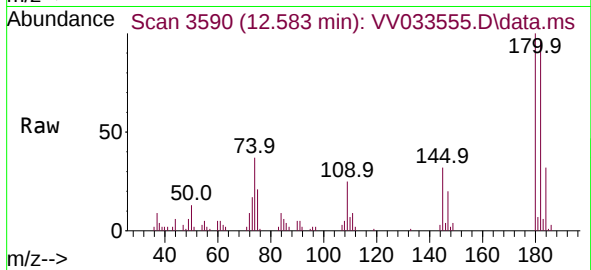
Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 17381

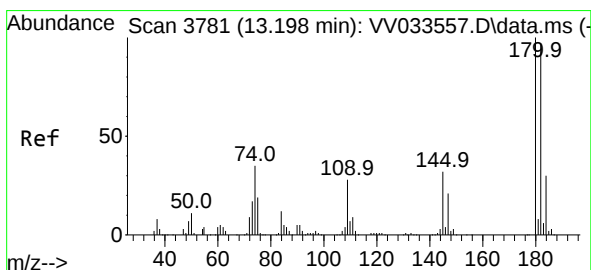
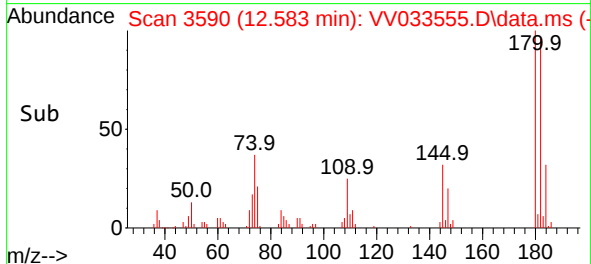
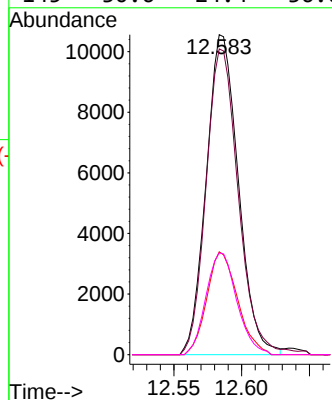
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

184 30.8 23.9 35.9

145 30.6 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 5.102 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.003 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

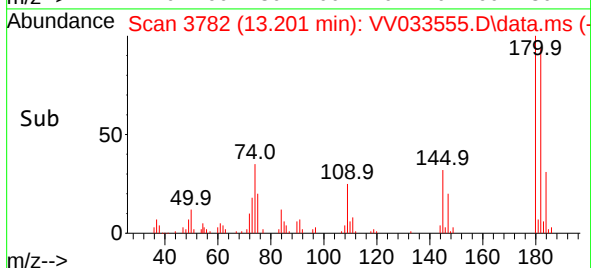
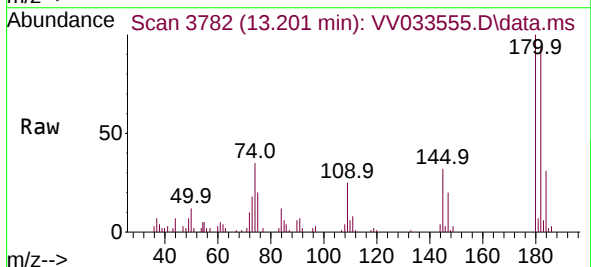
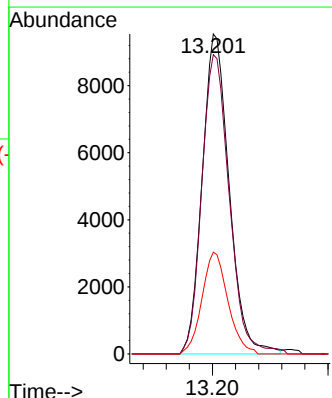
Tgt Ion:180 Resp: 15438

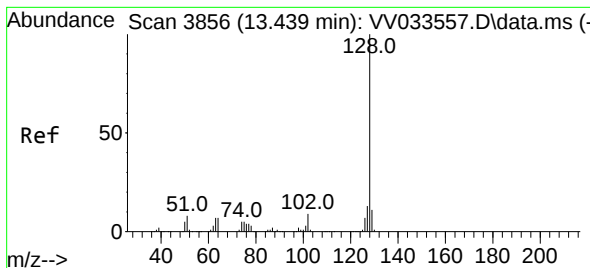
Ion Ratio Lower Upper

180 100

182 94.5 76.3 114.5

145 30.6 25.4 38.0





#71

Naphthalene

Concen: 4.450 ug/L

RT: 13.445 min Scan# 3856

Delta R.T. 0.006 min

Lab File: VV033555.D

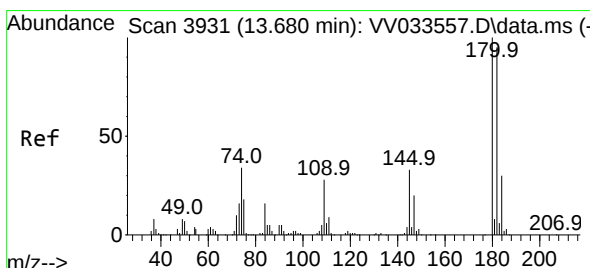
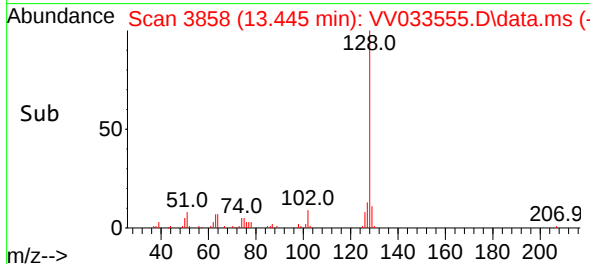
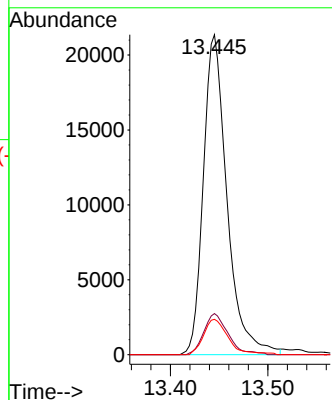
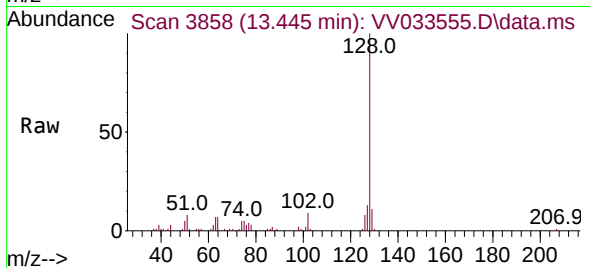
Acq: 10 Jan 2024 11:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	36082
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.3 15.5
129	11.5	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.896 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033555.D

Acq: 10 Jan 2024 11:58

Tgt Ion:180	Resp:	14184
Ion Ratio	Lower	Upper
180	100	
182	96.7	76.0 114.0
145	34.1	26.3 39.5

