

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041524\
 Data File : VV035196.D
 Acq On : 15 Apr 2024 13:06
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 15 23:59:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	216813	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	212904	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	111328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	105625	7.382	ug/L	0.00
7) Chloroethane-d5	1.536	69	81192	6.697	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	43545	6.788	ug/L	0.00
20) 2-Butanone-d5	3.812	46	106145	32.128	ug/L	0.00
24) Chloroform-d	4.249	84	167240	6.231	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	80417	6.004	ug/L	0.00
32) Benzene-d6	4.960	84	325566	6.370	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	98215	6.410	ug/L	0.00
41) Toluene-d8	7.243	98	302969	6.536	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	35923	6.361	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	152408	51.539	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	77482	6.416	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	101534	5.765	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	105606	6.945	ug/L	100
3) Chloromethane	1.217	50	117611	6.614	ug/L	100
5) Vinyl chloride	1.285	62	118063	6.716	ug/L	100
6) Bromomethane	1.491	94	66129	6.662	ug/L	100
8) Chloroethane	1.552	64	73011	6.006	ug/L	100
9) Trichlorofluoromethane	1.716	101	143762	5.377	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87197	5.877	ug/L	100
12) 1,1-Dichloroethene	2.069	96	82370	5.804	ug/L	100
13) Acetone	2.137	43	58124	18.345	ug/L	69
14) Carbon disulfide	2.243	76	264906	6.655	ug/L	100
15) Methyl Acetate	2.388	43	27463	4.849	ug/L	100
16) Methylene chloride	2.449	84	97432	5.927	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	186485	5.261	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	85987	5.945	ug/L	100
19) 1,1-Dichloroethane	3.111	63	174352	6.191	ug/L	100
21) 2-Butanone	3.896	43	104368	28.984	ug/L #	80
22) cis-1,2-Dichloroethene	3.815	96	87077	5.567	ug/L	100
23) Bromochloromethane	4.153	128	39812	6.064	ug/L	100
25) Chloroform	4.275	83	167089	5.807	ug/L	100
27) 1,2-Dichloroethane	5.043	62	98569	5.698	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	139634	5.188	ug/L	100
30) Cyclohexane	4.584	56	134949	5.691	ug/L	100
31) Carbon tetrachloride	4.735	117	117745	5.072	ug/L	100
33) Benzene	5.011	78	353983	5.787	ug/L	100
34) Trichloroethene	5.834	95	93319	5.849	ug/L	100
35) Methylcyclohexane	6.050	83	141517	5.654	ug/L	100
37) 1,2-Dichloropropane	6.092	63	94639	6.169	ug/L	100
38) Bromodichloromethane	6.432	83	115126	5.616	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	126885	6.037	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	516475	56.668	ug/L	100
42) Toluene	7.313	91	379977	5.906	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	103788	6.042	ug/L	100

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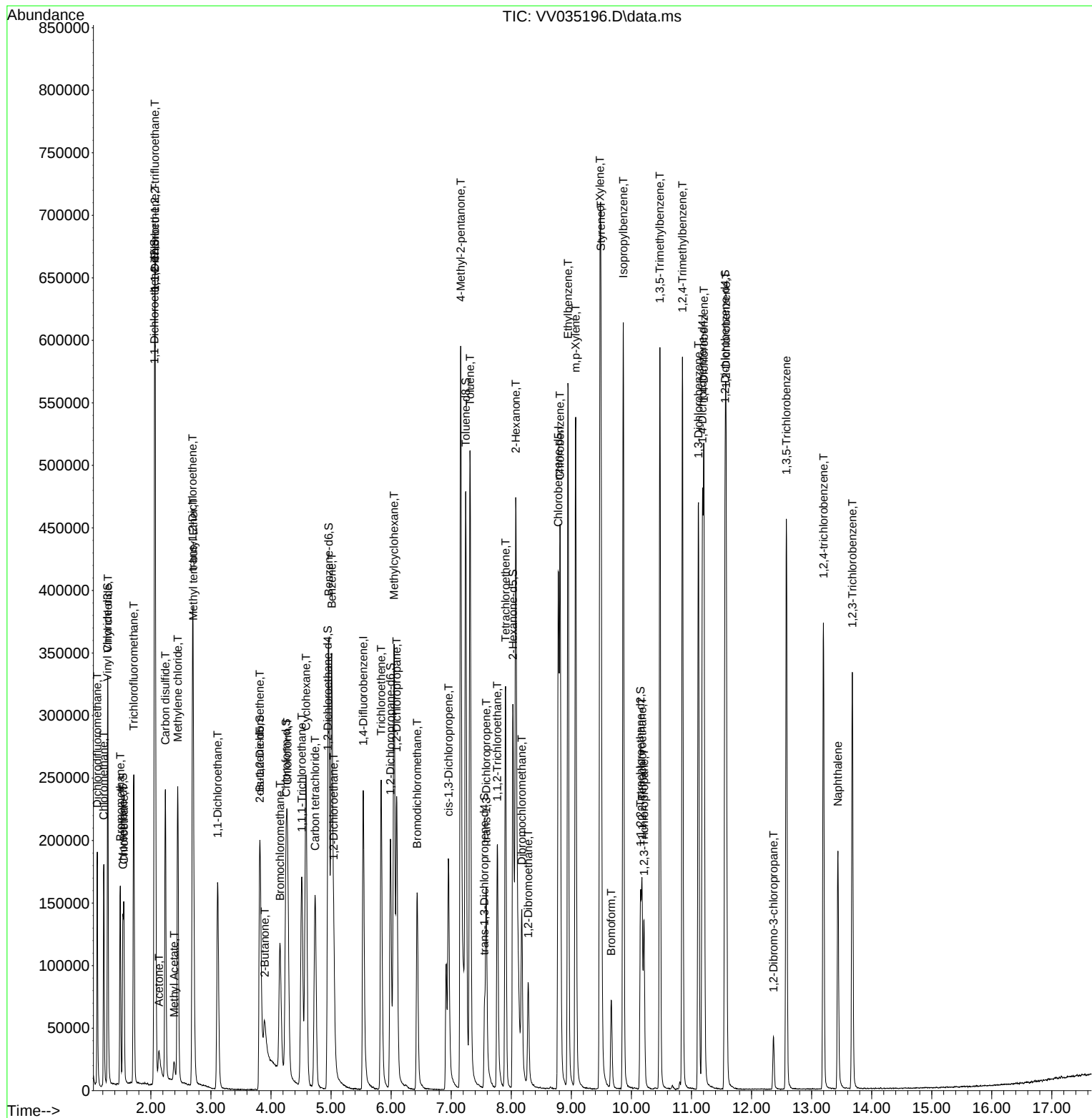
Instrument :
 MSVOA_V
 ClientSampleId :

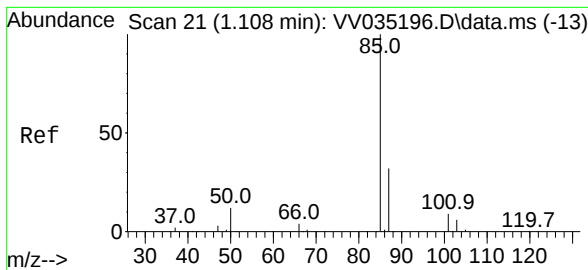
Quant Time: Apr 15 23:59:10 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	65805	6.320	ug/L	100
47) Tetrachloroethene	7.905	164	72742	5.824	ug/L	100
48) 2-Hexanone	8.075	43	382020	58.075	ug/L	100
49) Dibromochloromethane	8.175	129	65360	5.548	ug/L	100
50) 1,2-Dibromoethane	8.281	107	60462	6.215	ug/L	100
51) Chlorobenzene	8.812	112	233139	5.643	ug/L	100
52) Ethylbenzene	8.944	91	396432	5.565	ug/L	100
53) m,p-Xylene	9.072	106	147444	5.567	ug/L	100
54) o-Xylene	9.477	106	141013	5.385	ug/L	100
55) Styrene	9.493	104	251025	5.859	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	79859	6.328	ug/L	100
59) Bromoform	9.664	173	33221	5.678	ug/L	100
60) Isopropylbenzene	9.866	105	381920	5.586	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	56900	6.274	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	303451	5.184	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	308545	5.244	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	187305	5.615	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	188514	5.668	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	173201	5.543	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	11412	5.241	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	141495	5.515	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	111827	5.129	ug/L	100
71) Naphthalene	13.439	128	153468	4.321	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	102789	5.224	ug/L	100

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

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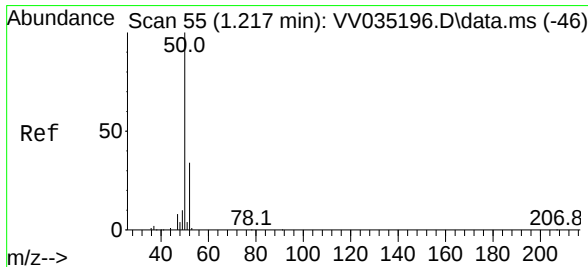
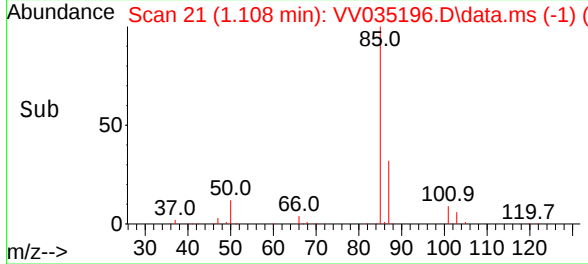
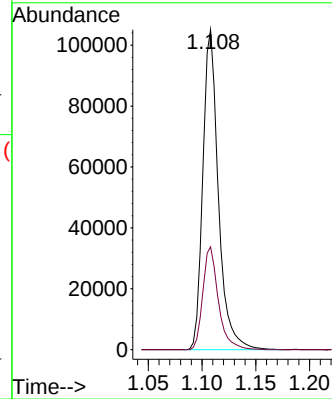
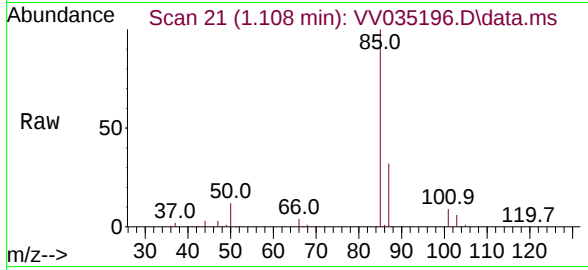




#2
 Dichlorodifluoromethane
 Concen: 6.945 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV035196.D
 Acq: 15 Apr 2024 13:06

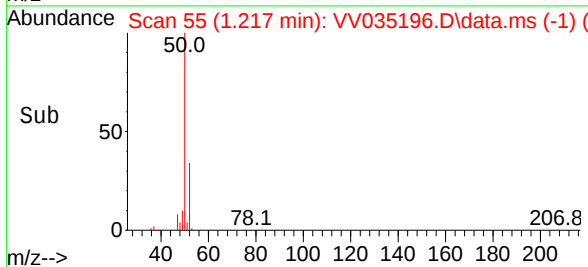
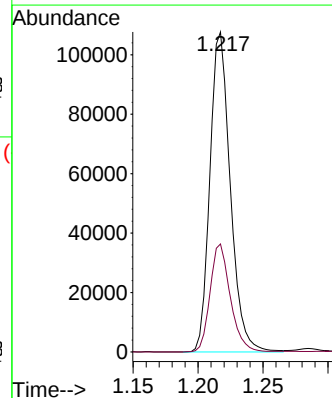
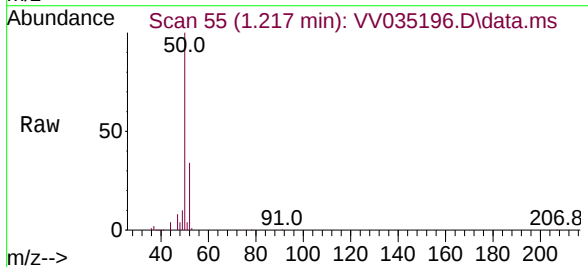
Instrument :
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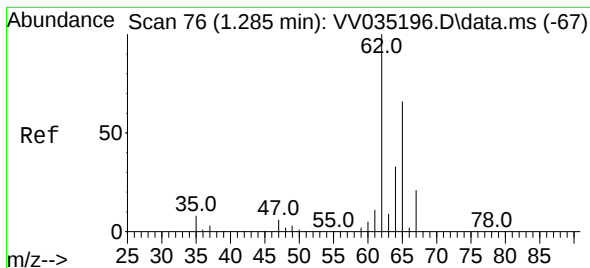
Tgt Ion: 85 Resp: 105606
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 6.614 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV035196.D
 Acq: 15 Apr 2024 13:06

Tgt Ion: 50 Resp: 117611
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9





#5

Vinyl chloride

Concen: 6.716 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

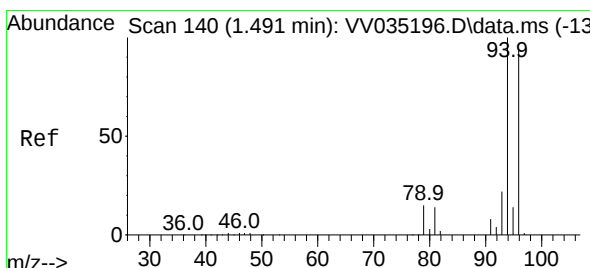
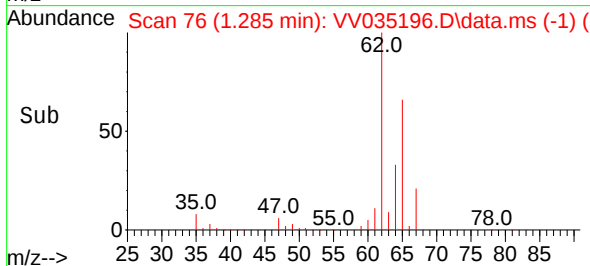
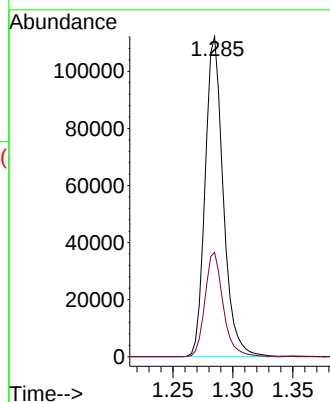
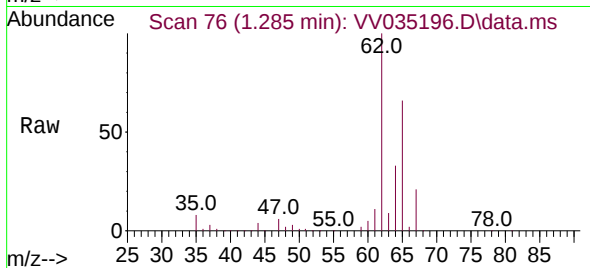
ClientSampleId :

Tgt Ion: 62 Resp: 118063

Ion Ratio Lower Upper

62 100

64 32.6 22.8 42.4



#6

Bromomethane

Concen: 6.662 ug/L

RT: 1.491 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV035196.D

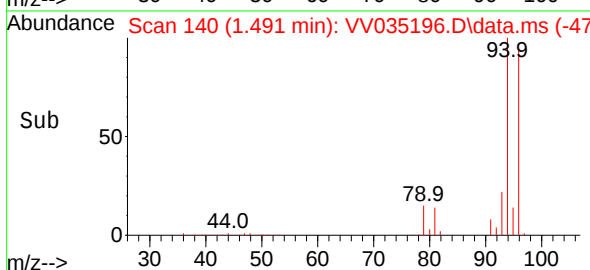
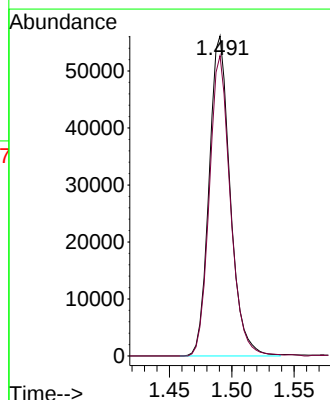
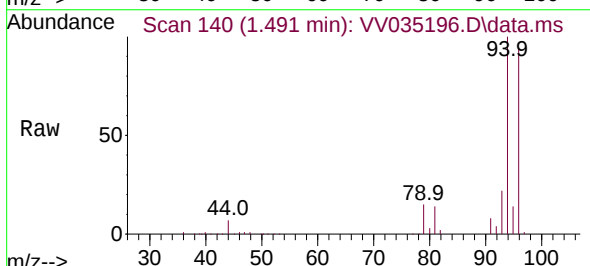
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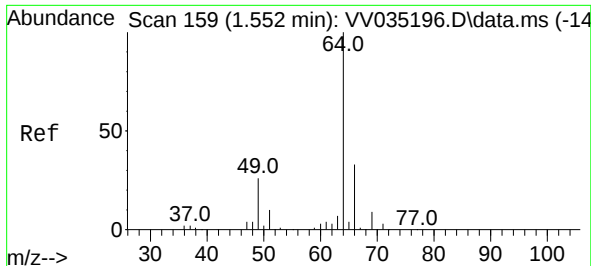
Tgt Ion: 94 Resp: 66129

Ion Ratio Lower Upper

94 100

96 93.9 65.7 122.1

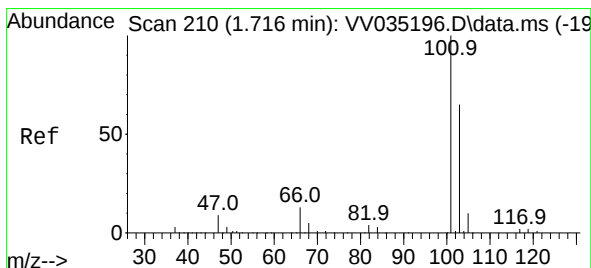
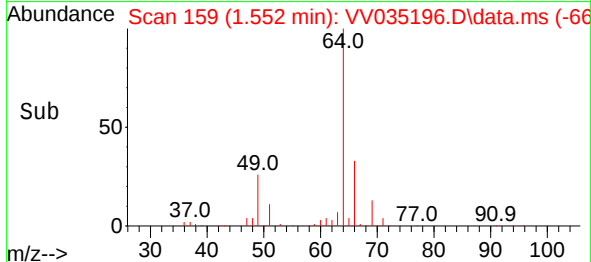
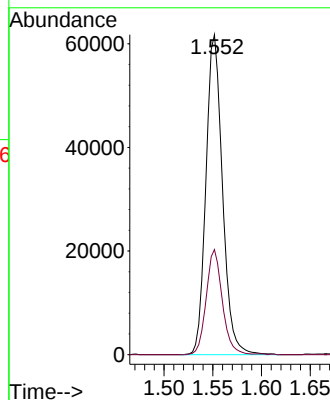
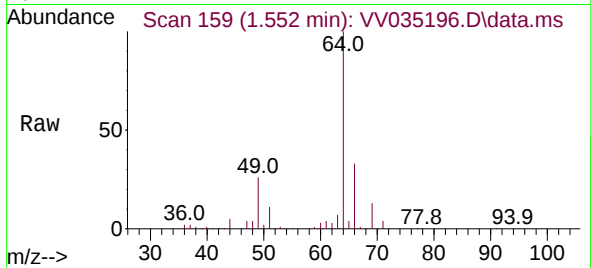




#8
Chloroethane
Concen: 6.006 ug/L
RT: 1.552 min Scan# 159
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

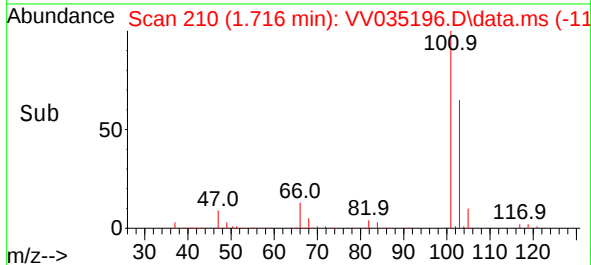
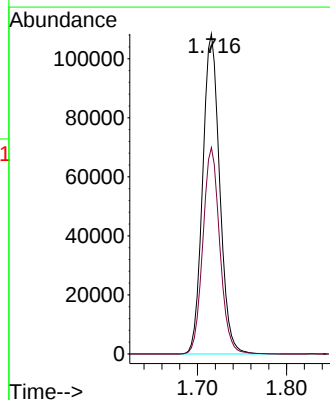
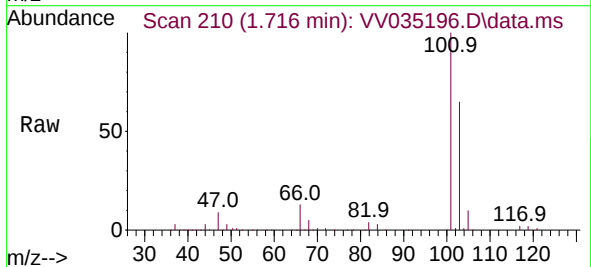
Instrument :
MSVOA_V
ClientSampleId :

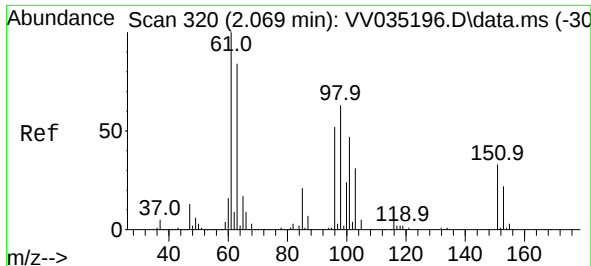
Tgt Ion: 64 Resp: 73011
Ion Ratio Lower Upper
64 100
66 32.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 5.377 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

Tgt Ion:101 Resp: 143762
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2





#10

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

Concen: 5.877 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :

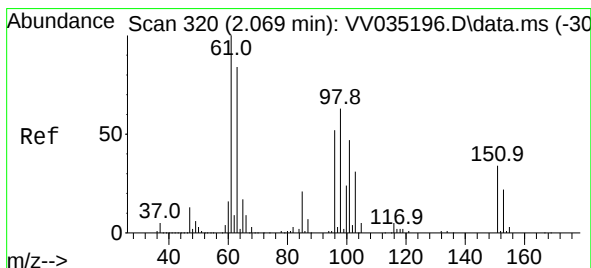
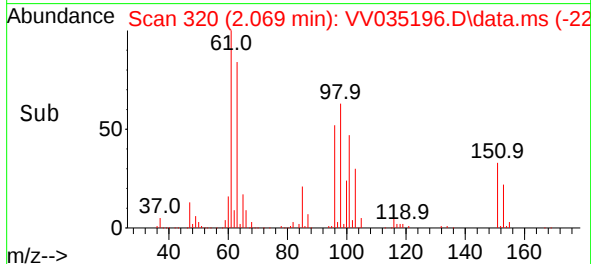
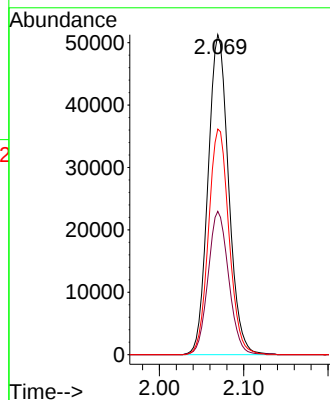
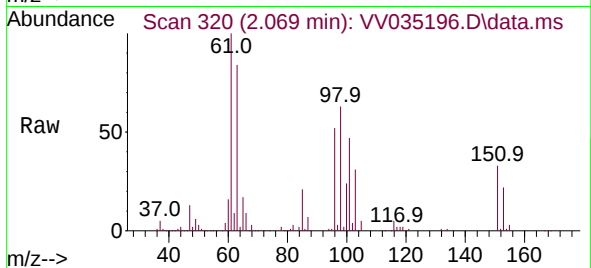
Tgt Ion:101 Resp: 87197

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.6

151 70.2 56.2 84.2



#12

1,1-Dichloroethene

Concen: 5.804 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

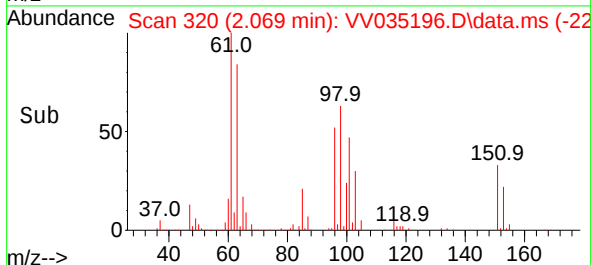
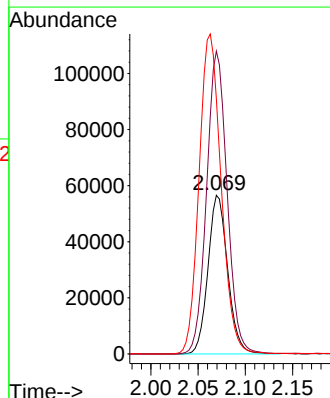
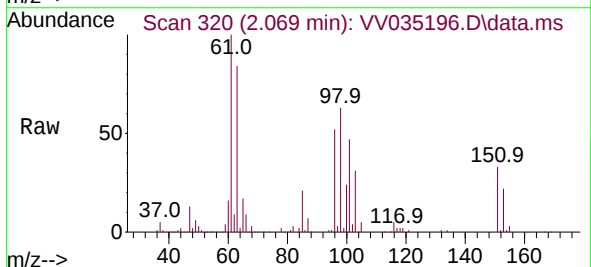
Tgt Ion: 96 Resp: 82370

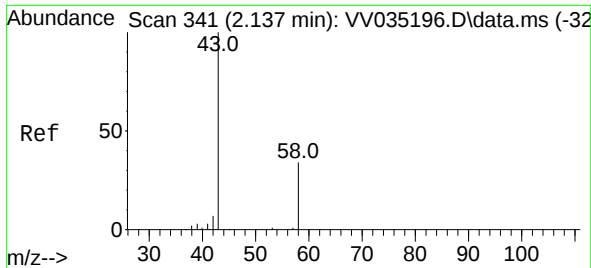
Ion Ratio Lower Upper

96 100

61 190.7 133.5 247.9

63 160.7 112.5 208.9





#13

Acetone

Concen: 18.345 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

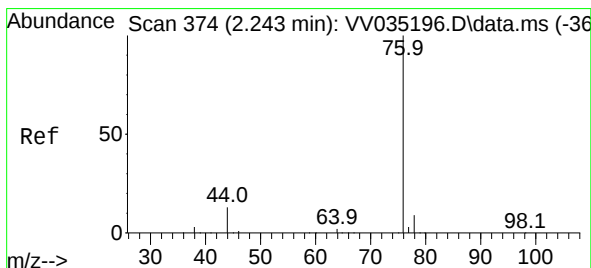
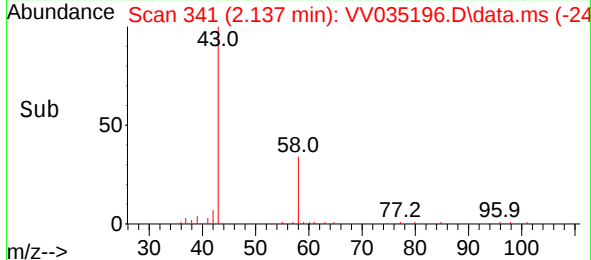
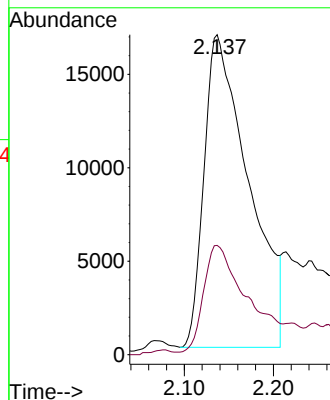
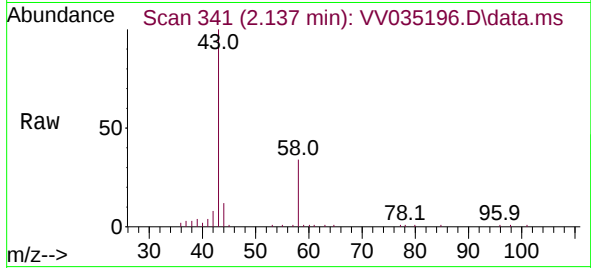
ClientSampleId :

Tgt Ion: 43 Resp: 58124

Ion Ratio Lower Upper

43 100

58 33.8 0.0 39.2



#14

Carbon disulfide

Concen: 6.655 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV035196.D

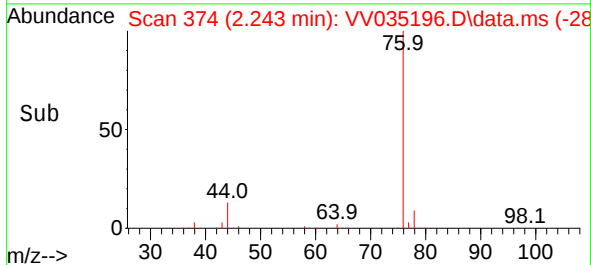
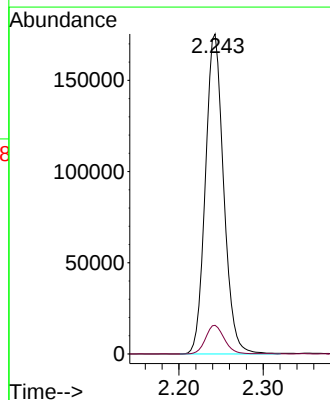
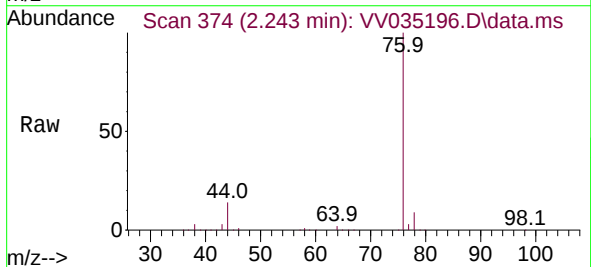
Acq: 15 Apr 2024 13:06

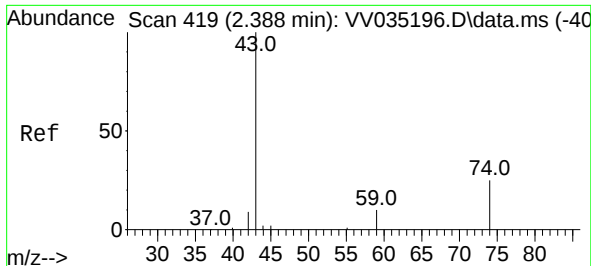
Tgt Ion: 76 Resp: 264906

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

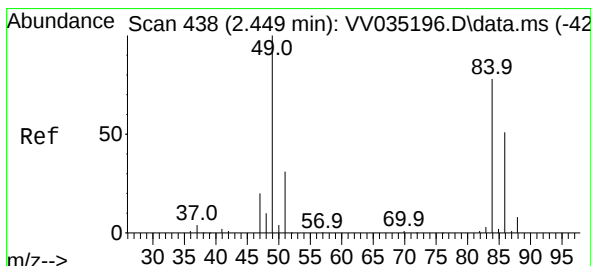
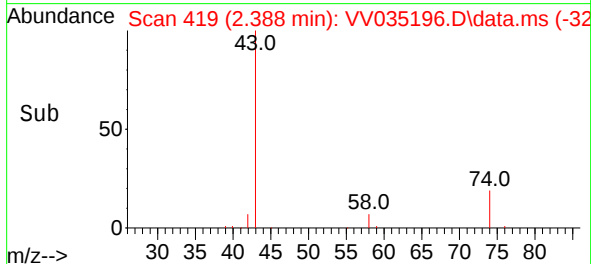
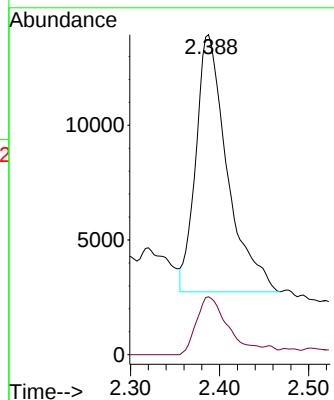
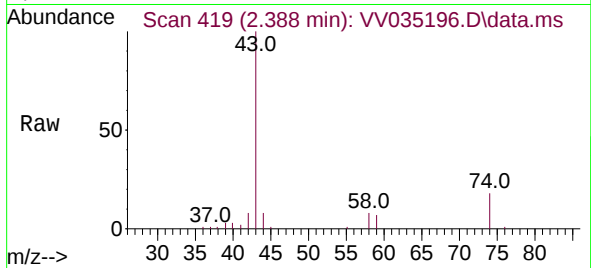




#15
Methyl Acetate
Concen: 4.849 ug/L
RT: 2.388 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

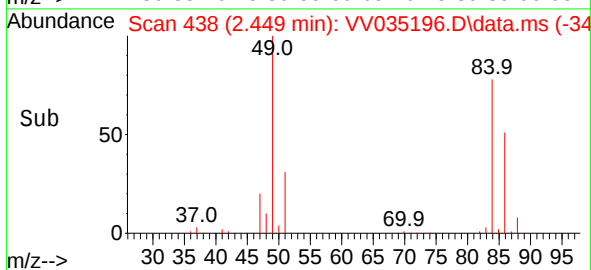
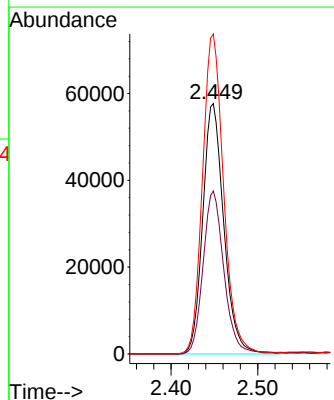
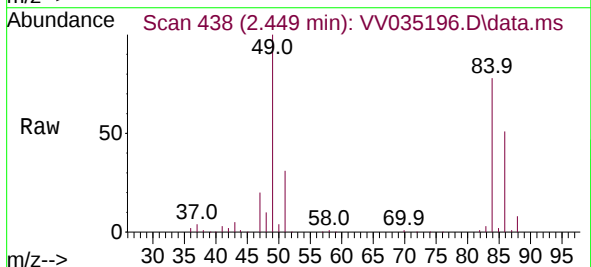
Instrument :
MSVOA_V
ClientSampleId :

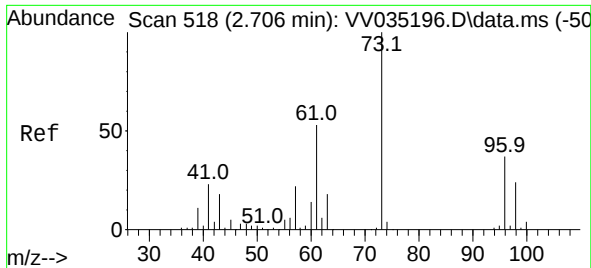
Tgt Ion: 43 Resp: 27463
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5



#16
Methylene chloride
Concen: 5.927 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

Tgt Ion: 84 Resp: 97432
Ion Ratio Lower Upper
84 100
86 65.1 45.6 84.6
49 127.8 89.5 166.1

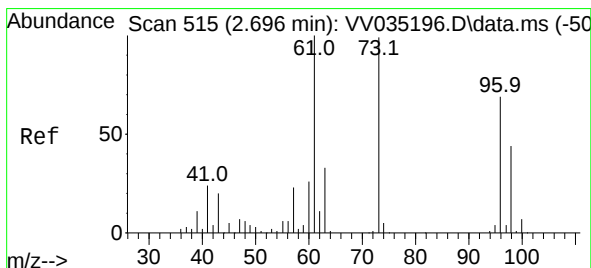
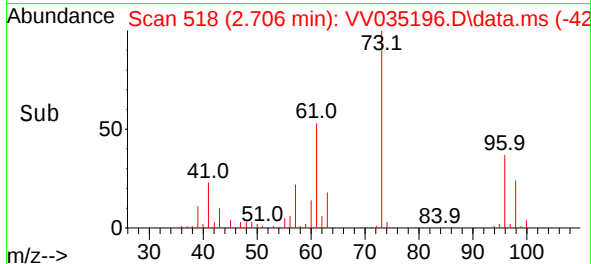
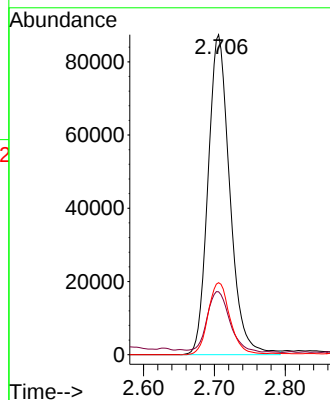
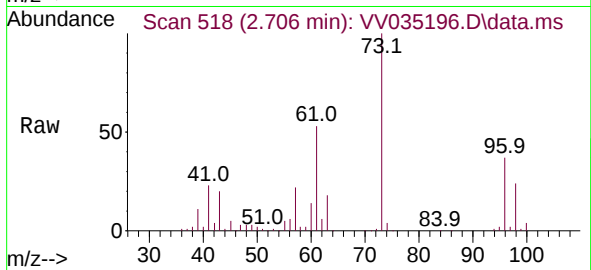




#17
Methyl tert-butyl Ether
Concen: 5.261 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

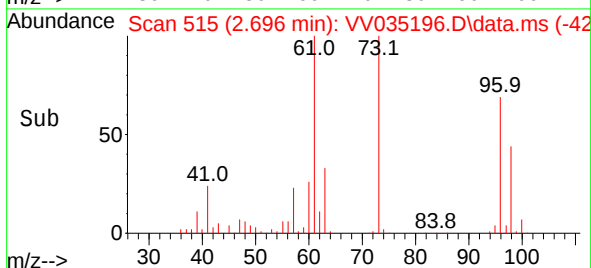
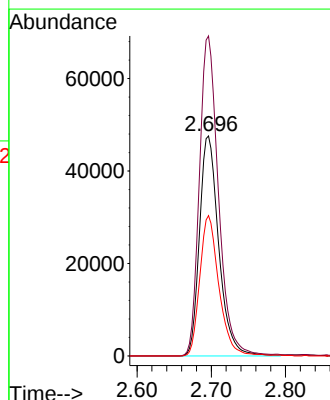
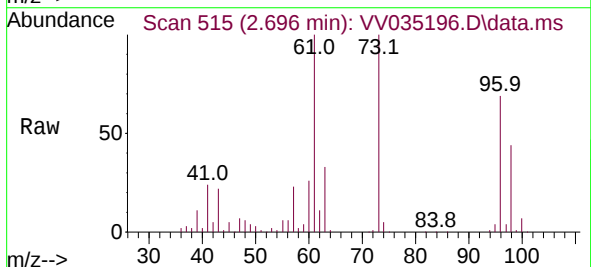
Instrument :
MSVOA_V
ClientSampleId :

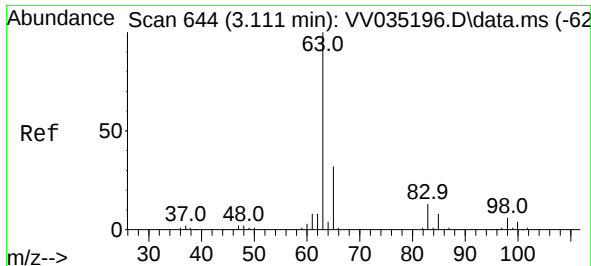
Tgt Ion: 73 Resp: 186485
Ion Ratio Lower Upper
73 100
43 19.6 15.7 23.5
57 22.6 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 5.945 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

Tgt Ion: 96 Resp: 85987
Ion Ratio Lower Upper
96 100
61 145.5 101.8 189.2
98 63.8 44.7 82.9





#19

1,1-Dichloroethane

Concen: 6.191 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :

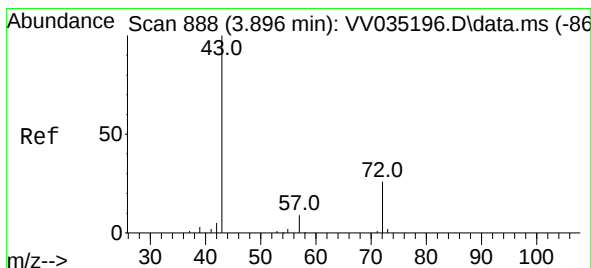
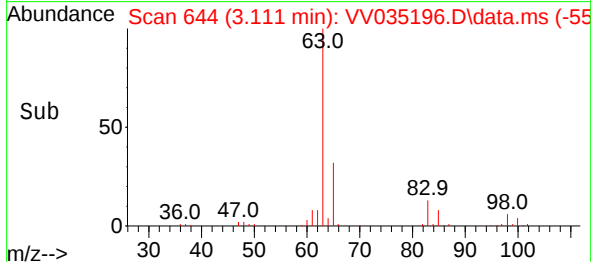
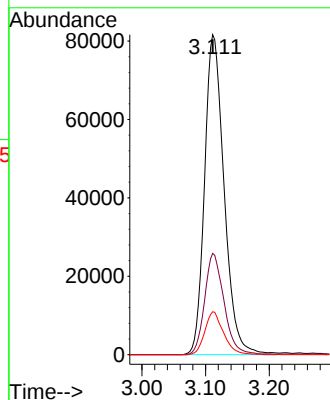
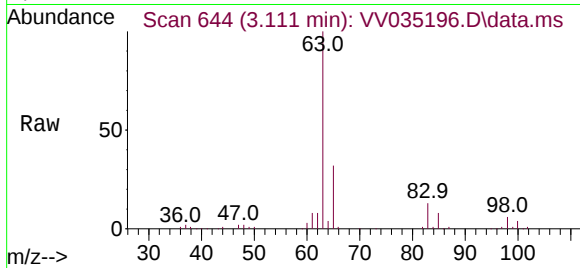
Tgt Ion: 63 Resp: 174352

Ion Ratio Lower Upper

63 100

65 31.7 22.2 41.2

83 13.4 9.4 17.4



#21

2-Butanone

Concen: 28.984 ug/L

RT: 3.896 min Scan# 888

Delta R.T. 0.000 min

Lab File: VV035196.D

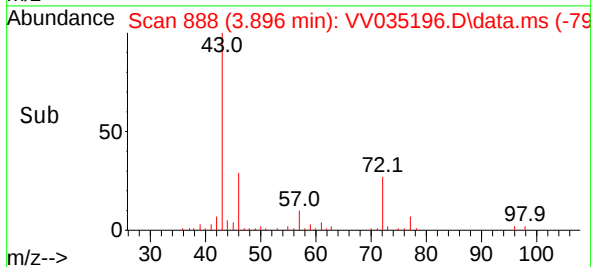
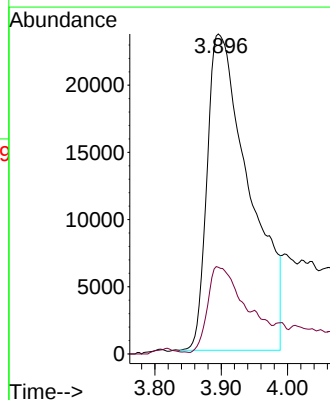
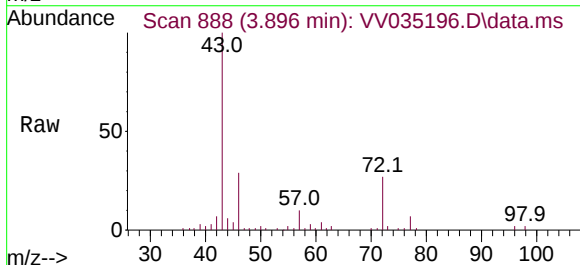
Acq: 15 Apr 2024 13:06

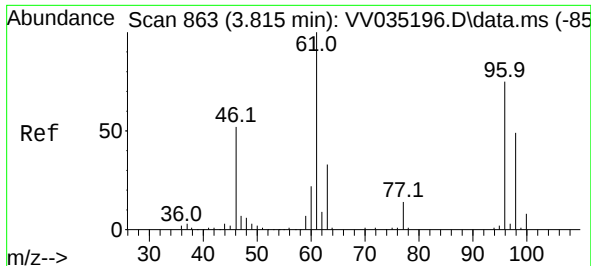
Tgt Ion: 43 Resp: 104368

Ion Ratio Lower Upper

43 100

72 20.3 6.3 18.8#

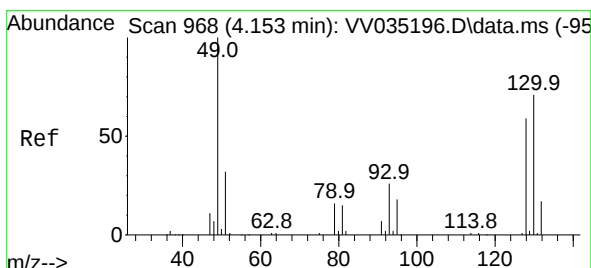
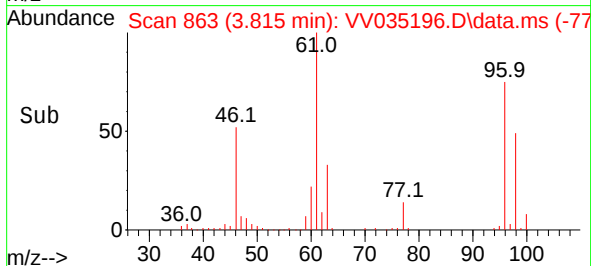
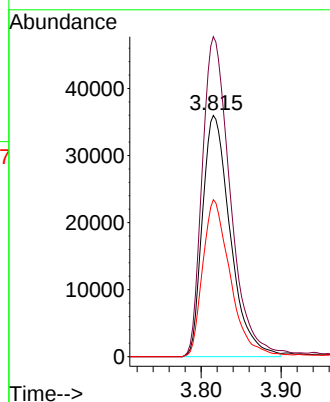
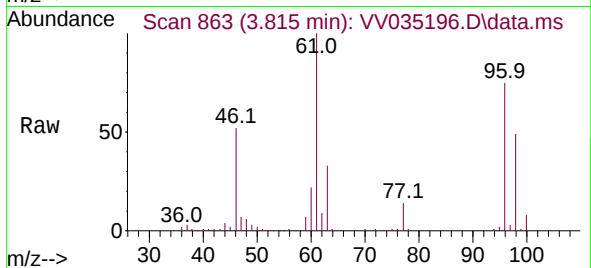




#22
 cis-1,2-Dichloroethene
 Concen: 5.567 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV035196.D
 Acq: 15 Apr 2024 13:06

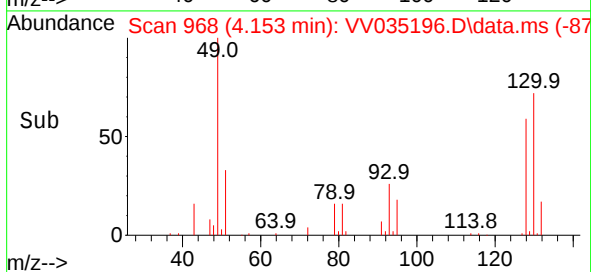
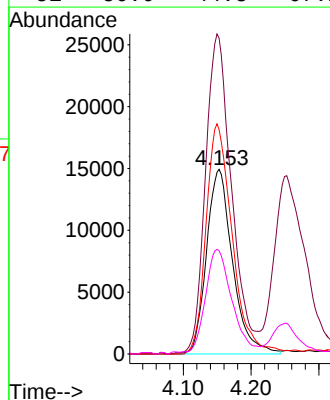
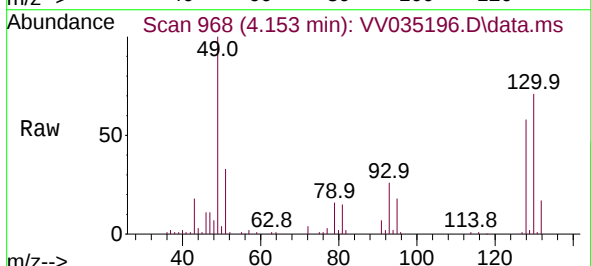
Instrument :
 MSVOA_V
 ClientSampleId :

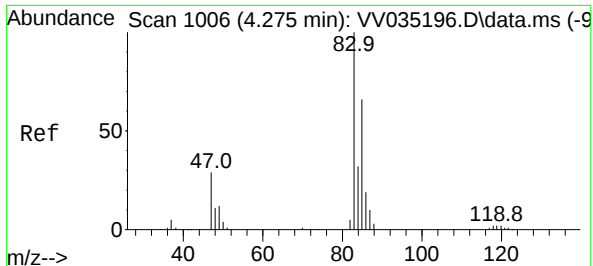
Tgt Ion: 96 Resp: 87077
 Ion Ratio Lower Upper
 96 100
 61 132.6 92.8 172.4
 98 65.0 45.5 84.5



#23
 Bromochloromethane
 Concen: 6.064 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VV035196.D
 Acq: 15 Apr 2024 13:06

Tgt Ion:128 Resp: 39812
 Ion Ratio Lower Upper
 128 100
 49 171.1 119.8 222.4
 130 121.7 85.2 158.2
 51 56.0 44.8 67.2





#25

Chloroform

Concen: 5.807 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

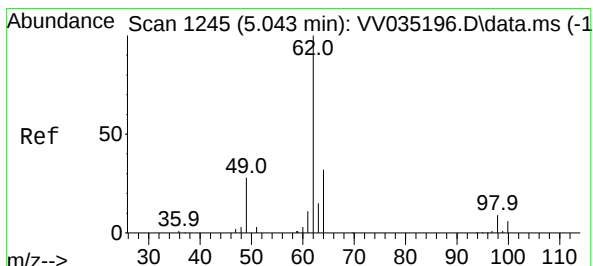
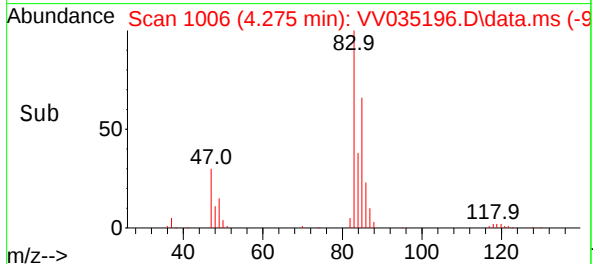
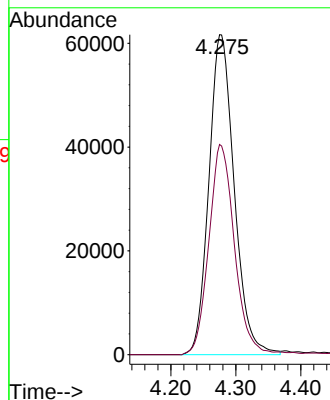
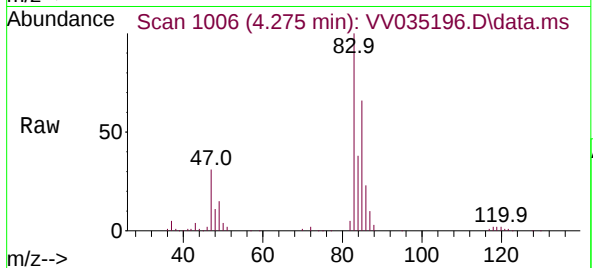
ClientSampleId :

Tgt Ion: 83 Resp: 167089

Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4



#27

1,2-Dichloroethane

Concen: 5.698 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV035196.D

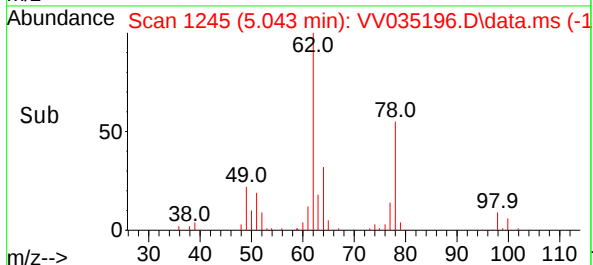
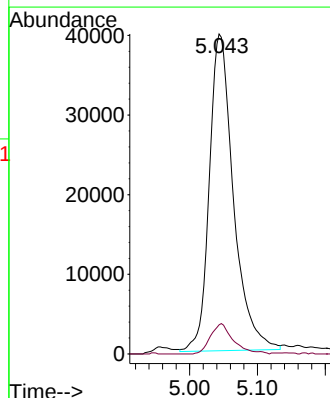
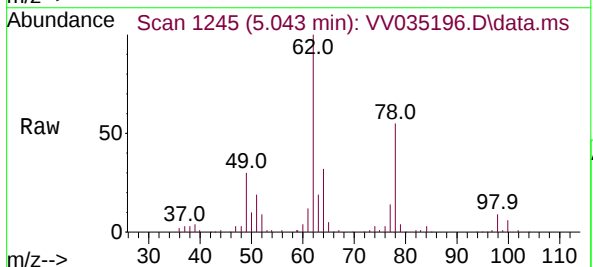
Acq: 15 Apr 2024 13:06

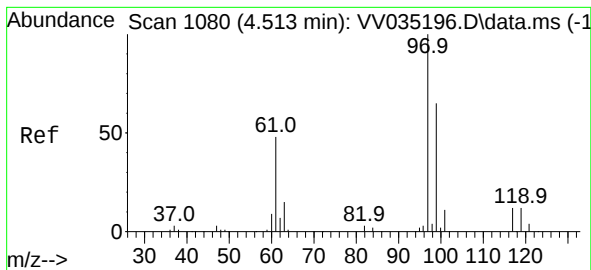
Tgt Ion: 62 Resp: 98569

Ion Ratio Lower Upper

62 100

98 9.1 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 5.188 ug/L

RT: 4.513 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :

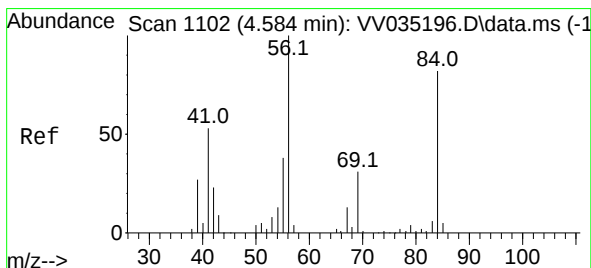
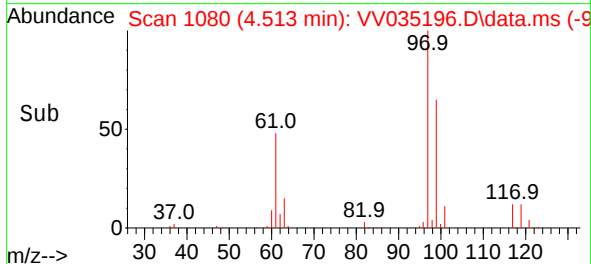
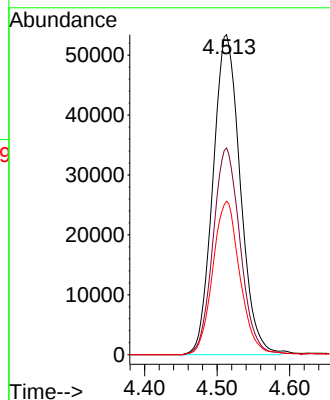
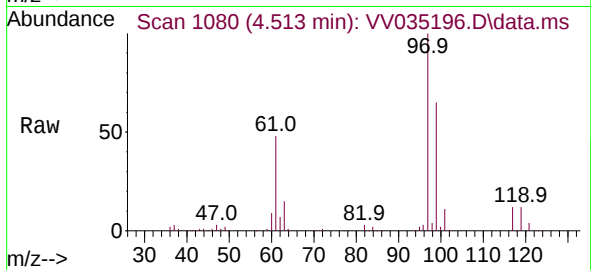
Tgt Ion: 97 Resp: 139634

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 47.9 38.3 57.5



#30

Cyclohexane

Concen: 5.691 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

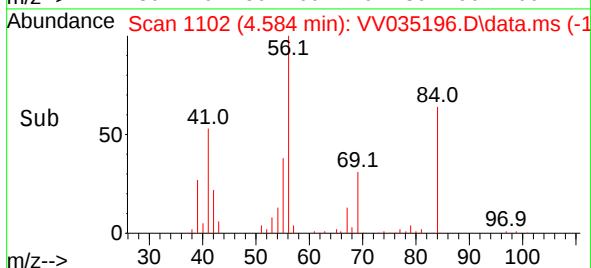
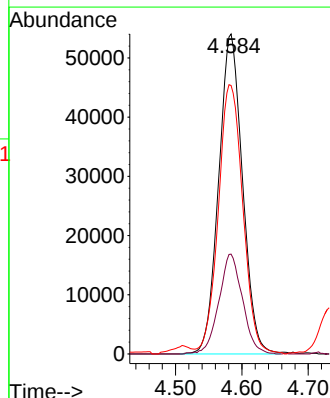
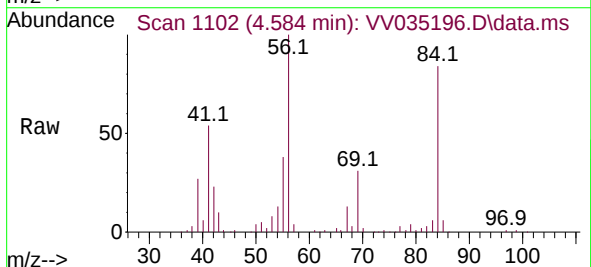
Tgt Ion: 56 Resp: 134949

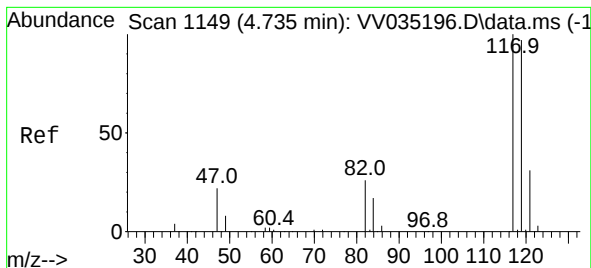
Ion Ratio Lower Upper

56 100

69 31.0 24.8 37.2

84 86.8 69.4 104.2





#31

Carbon tetrachloride

Concen: 5.072 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

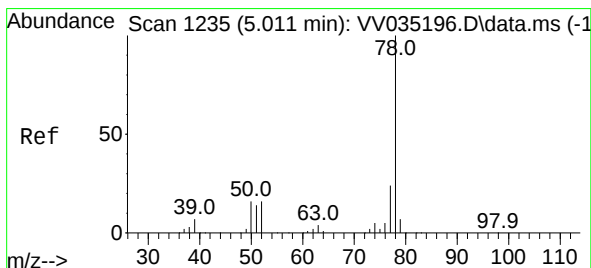
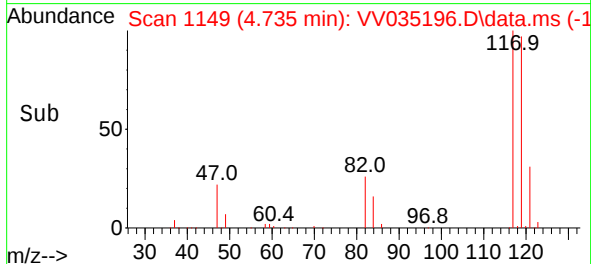
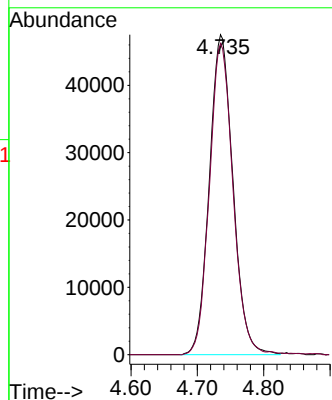
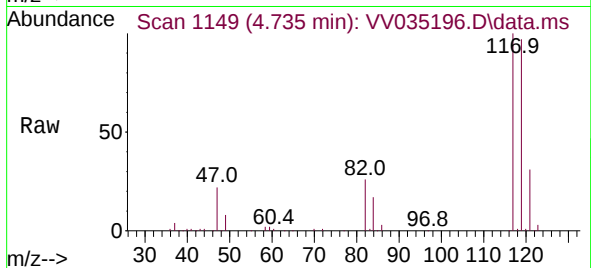
ClientSampleId :

Tgt Ion:117 Resp: 117745

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.6



#33

Benzene

Concen: 5.787 ug/L

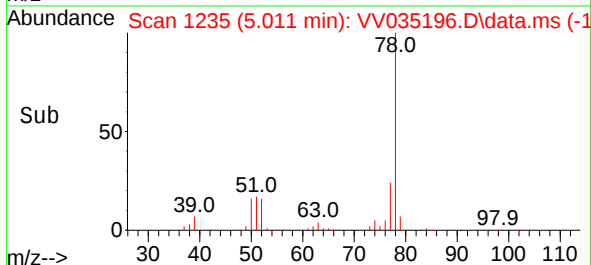
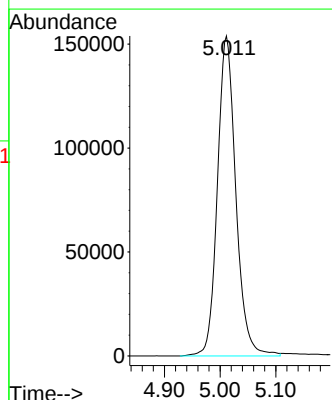
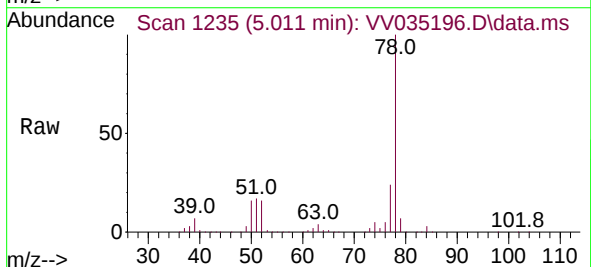
RT: 5.011 min Scan# 1235

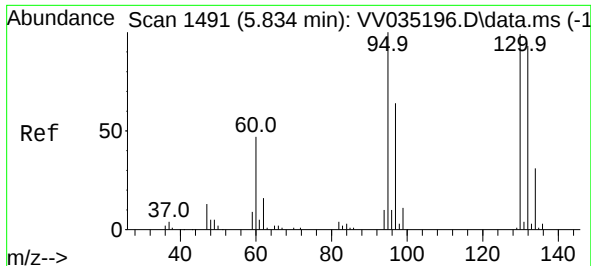
Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Tgt Ion: 78 Resp: 353983

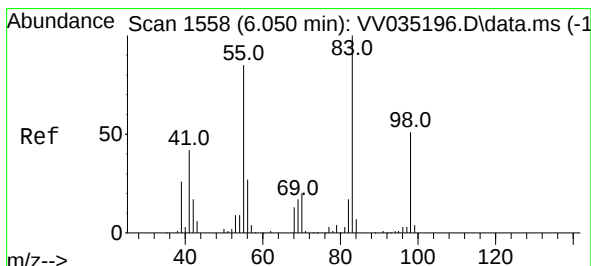
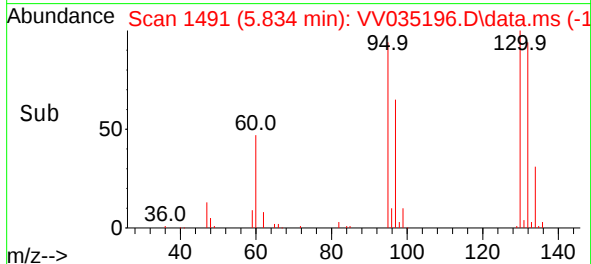
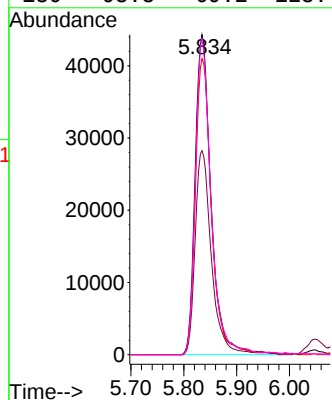
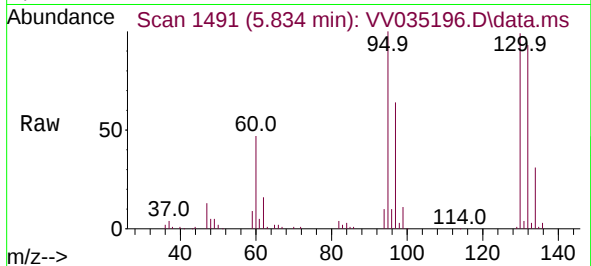




#34
Trichloroethene
Concen: 5.849 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

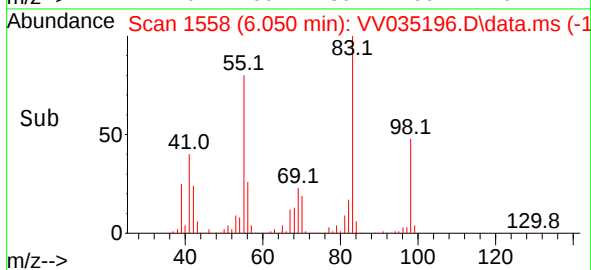
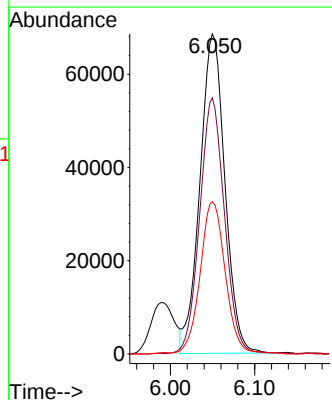
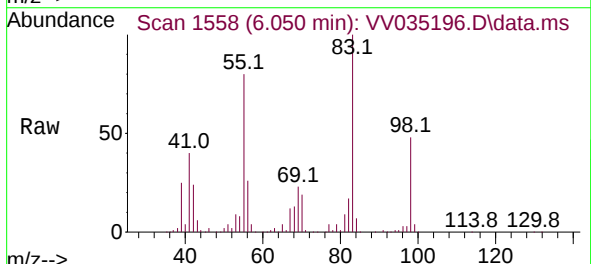
Instrument :
MSVOA_V
ClientSampleId :

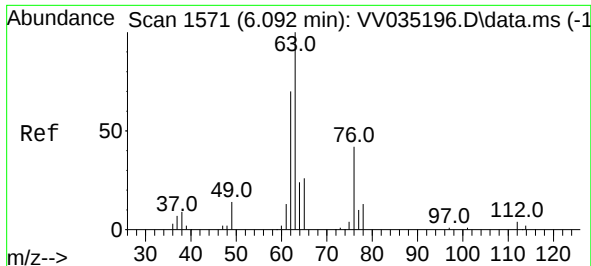
Tgt Ion: 95 Resp: 93319
Ion Ratio Lower Upper
95 100
97 63.8 44.7 82.9
132 92.5 64.8 120.3
130 98.8 69.2 128.4



#35
Methylcyclohexane
Concen: 5.654 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

Tgt Ion: 83 Resp: 141517
Ion Ratio Lower Upper
83 100
55 79.7 63.8 95.6
98 46.8 37.4 56.2





#37

1,2-Dichloropropane

Concen: 6.169 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

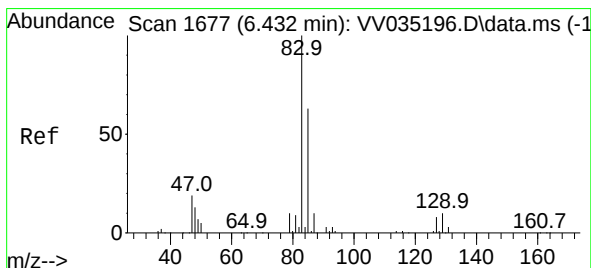
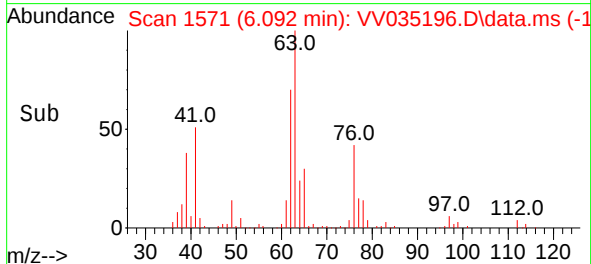
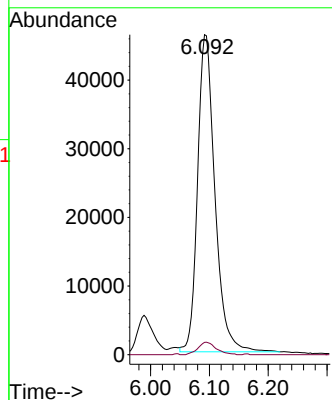
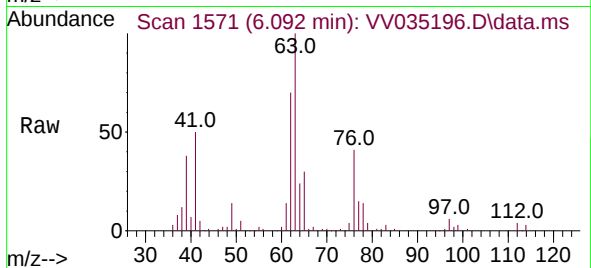
ClientSampleId :

Tgt Ion: 63 Resp: 94639

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 5.616 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

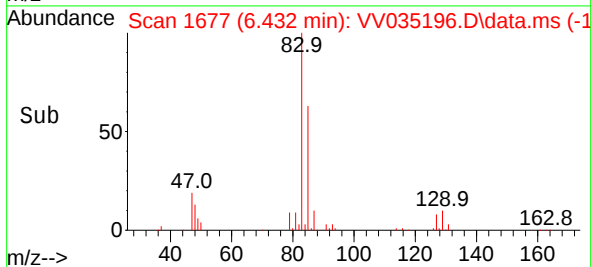
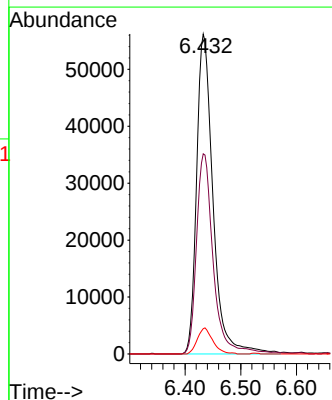
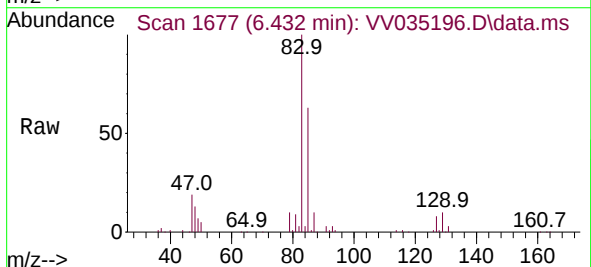
Tgt Ion: 83 Resp: 115126

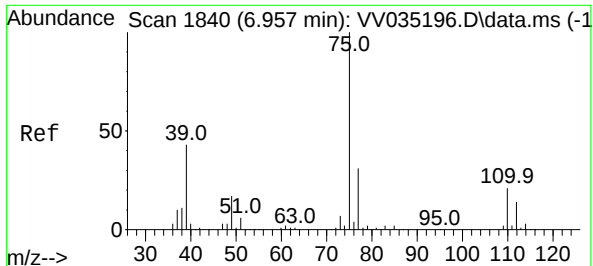
Ion Ratio Lower Upper

83 100

85 62.6 43.8 81.4

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 6.037 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

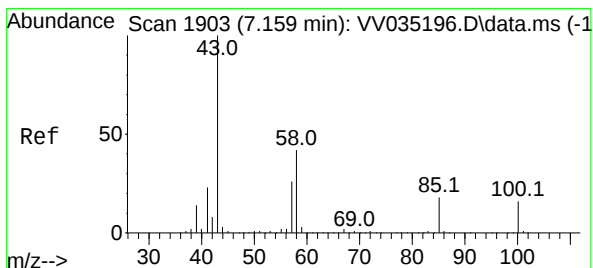
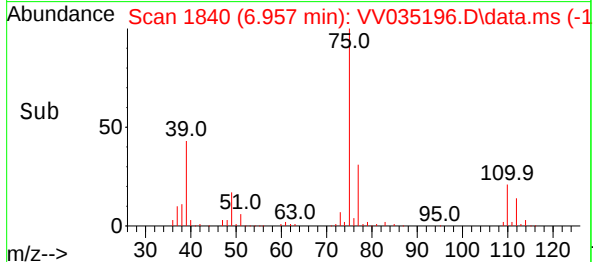
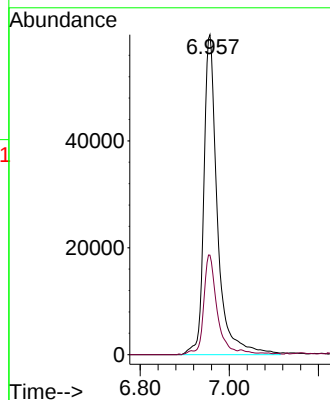
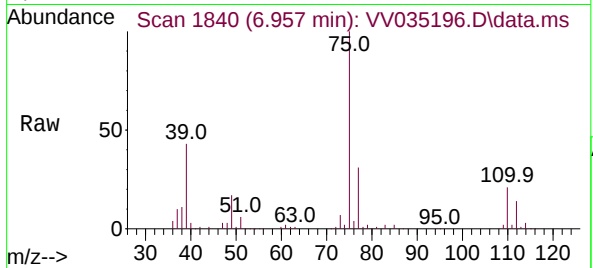
ClientSampleId :

Tgt Ion: 75 Resp: 126885

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 56.668 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

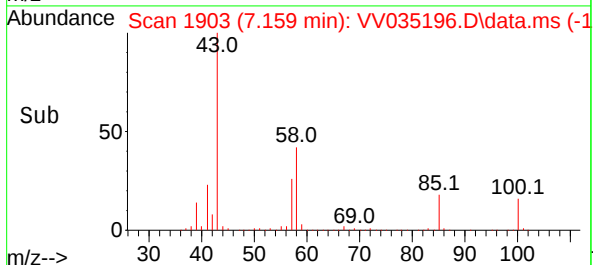
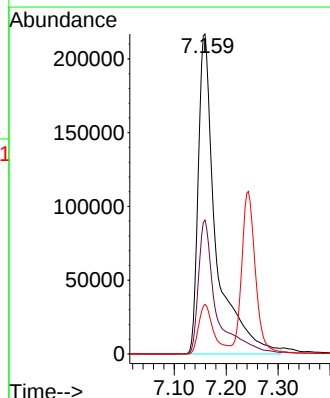
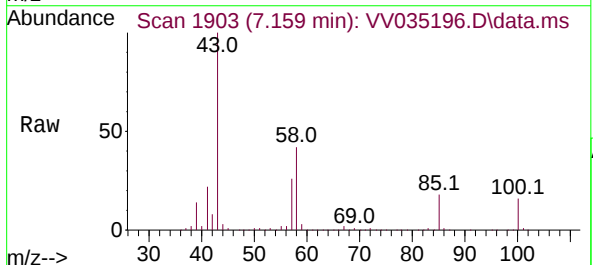
Tgt Ion: 43 Resp: 516475

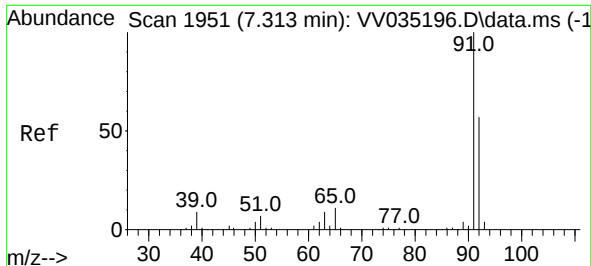
Ion Ratio Lower Upper

43 100

58 41.7 33.4 50.0

100 13.2 10.6 15.8





#42

Toluene

Concen: 5.906 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

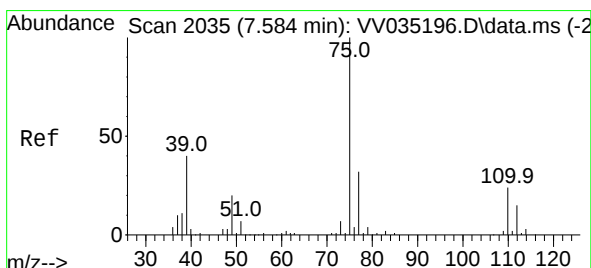
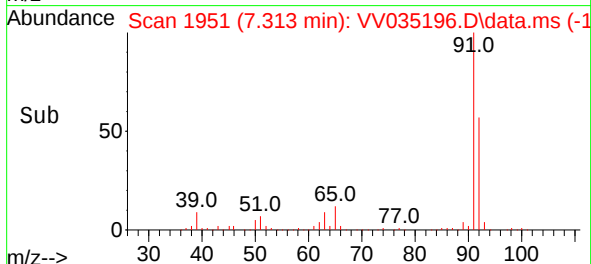
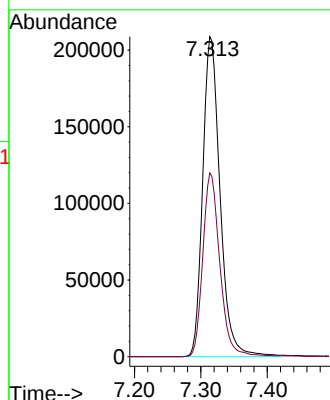
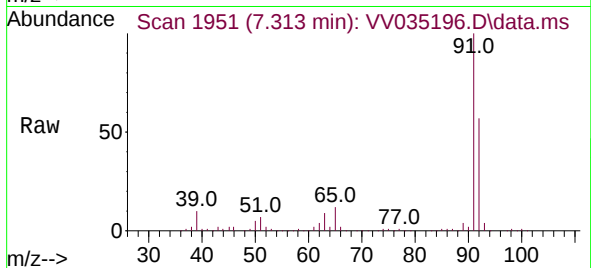
ClientSampleId :

Tgt Ion: 91 Resp: 379977

Ion Ratio Lower Upper

91 100

92 57.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 6.042 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV035196.D

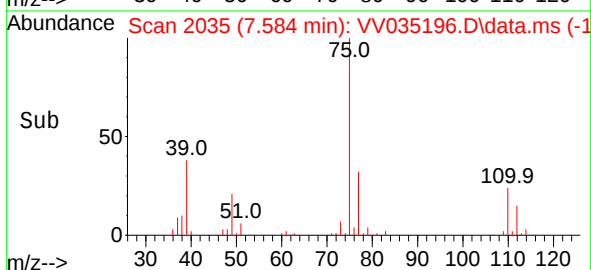
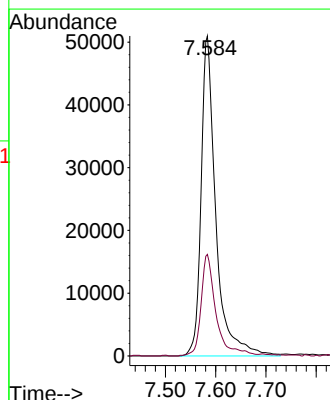
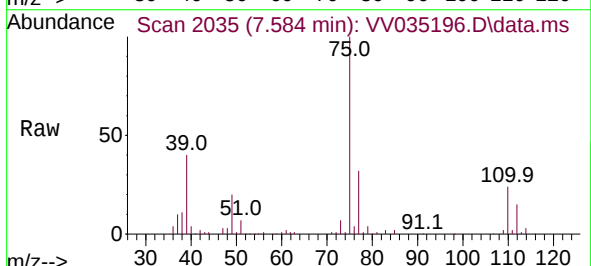
Acq: 15 Apr 2024 13:06

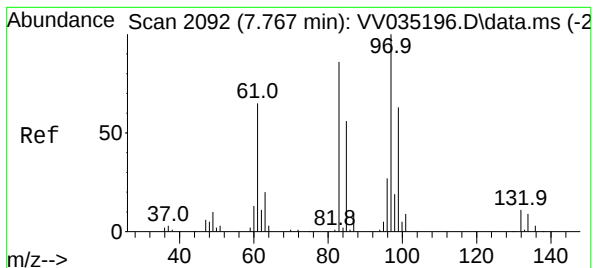
Tgt Ion: 75 Resp: 103788

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 6.320 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 65805

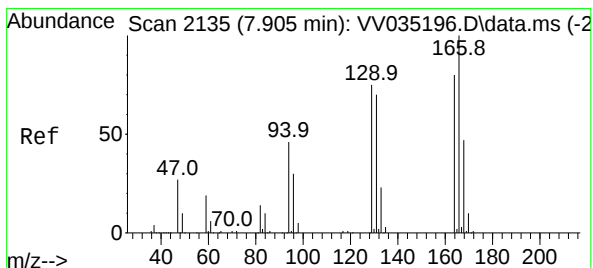
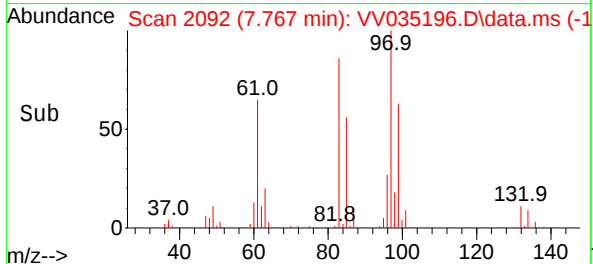
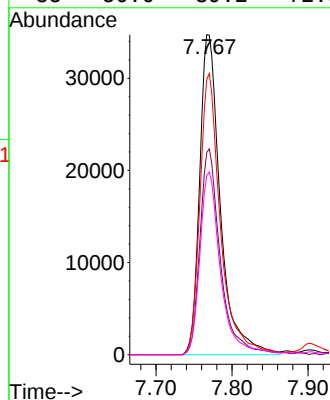
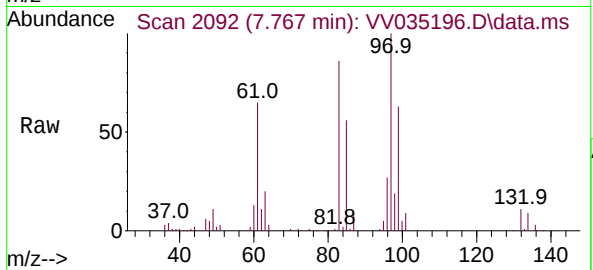
Ion Ratio Lower Upper

97 100

99 63.2 44.2 82.2

83 86.0 60.2 111.8

85 56.0 39.2 72.8



#47

Tetrachloroethene

Concen: 5.824 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Tgt Ion: 164 Resp: 72742

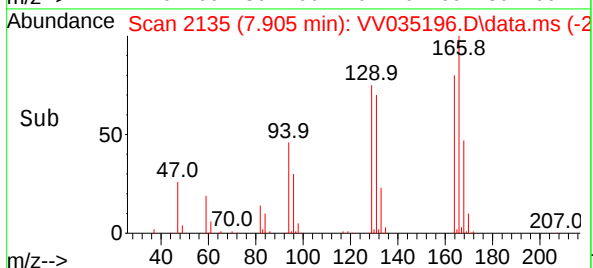
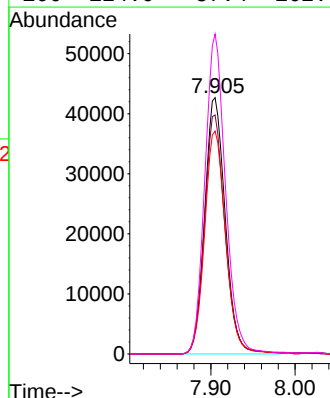
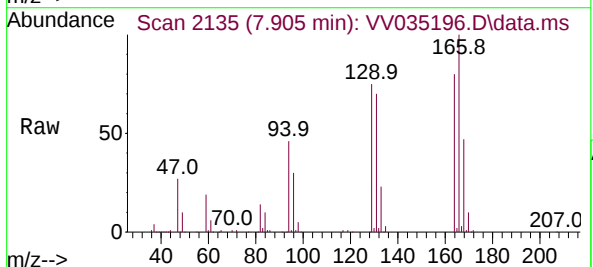
Ion Ratio Lower Upper

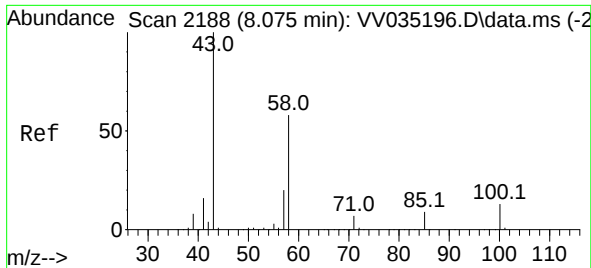
164 100

129 93.3 65.3 121.3

131 87.0 60.9 113.1

166 124.9 87.4 162.4





#48

2-Hexanone

Concen: 58.075 ug/L

RT: 8.075 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 382020

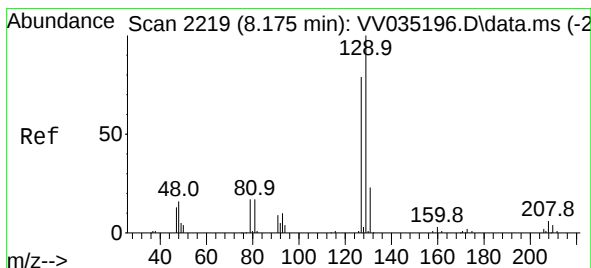
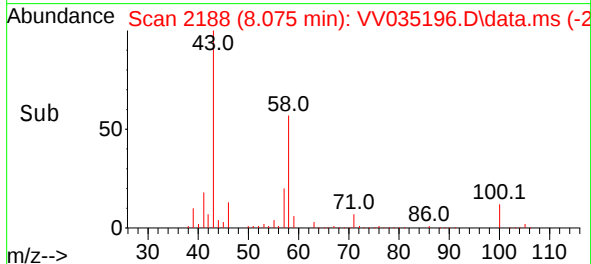
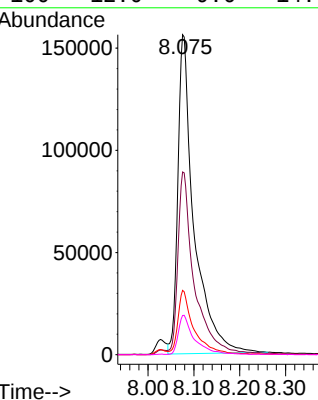
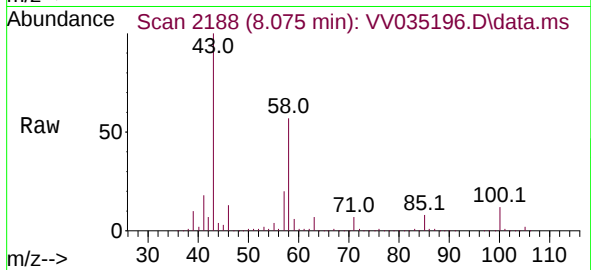
Ion Ratio Lower Upper

43 100

58 56.5 45.2 67.8

57 19.4 15.5 23.3

100 12.0 9.6 14.4



#49

Dibromochloromethane

Concen: 5.548 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV035196.D

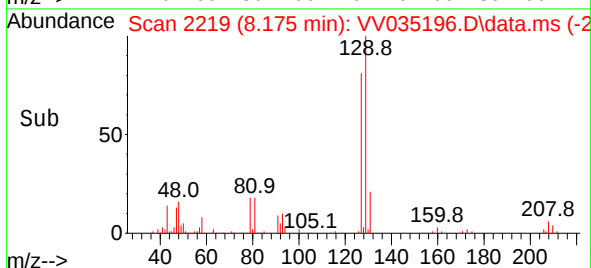
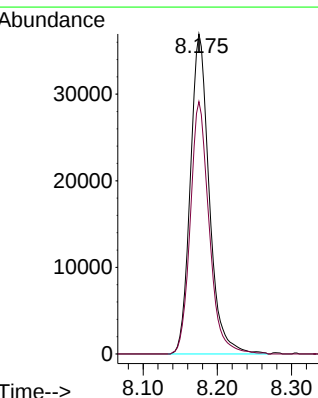
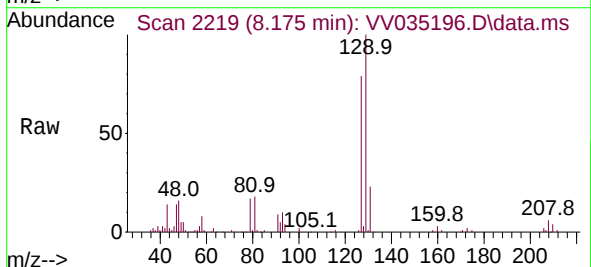
Acq: 15 Apr 2024 13:06

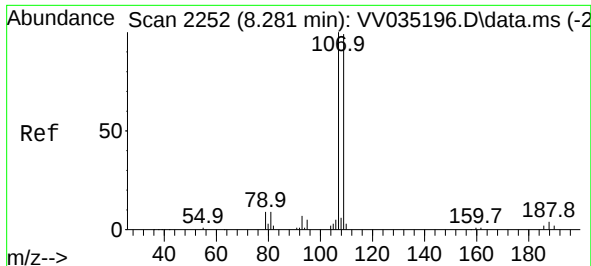
Tgt Ion: 129 Resp: 65360

Ion Ratio Lower Upper

129 100

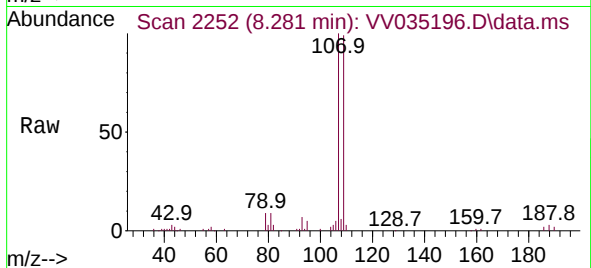
127 78.9 55.2 102.6



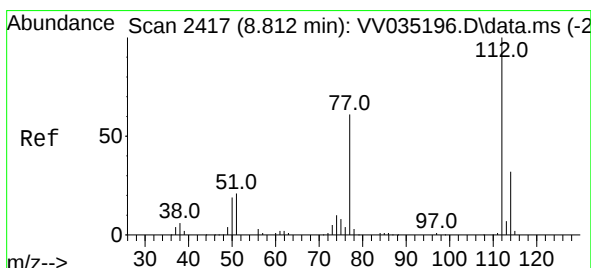
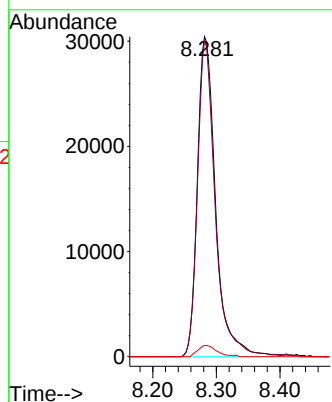
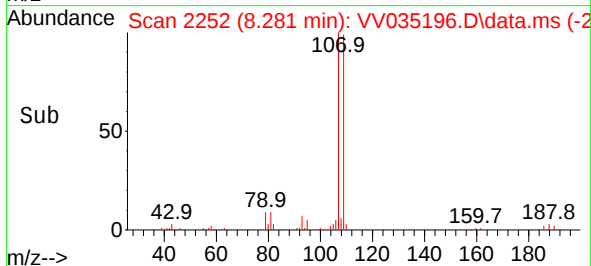


#50
1,2-Dibromoethane
Concen: 6.215 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

Instrument :
MSVOA_V
ClientSampleId :

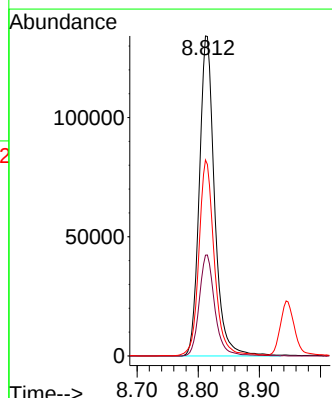
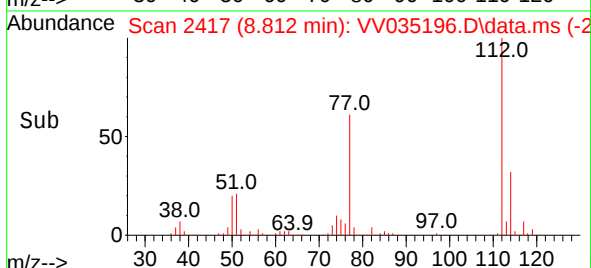
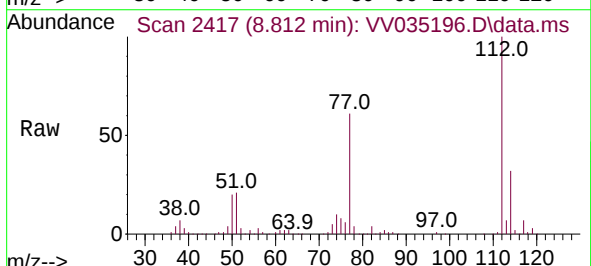


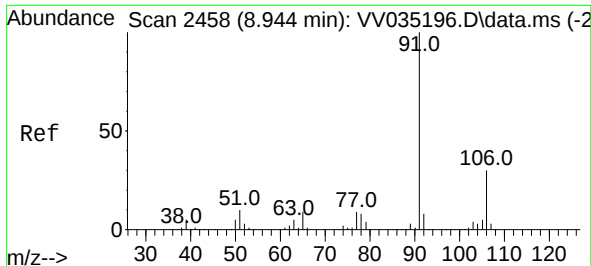
Tgt Ion:107 Resp: 60462
Ion Ratio Lower Upper
107 100
109 98.7 69.1 128.3
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 5.643 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

Tgt Ion:112 Resp: 233139
Ion Ratio Lower Upper
112 100
114 31.5 22.0 41.0
77 61.3 49.0 73.6





#52

Ethylbenzene

Concen: 5.565 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

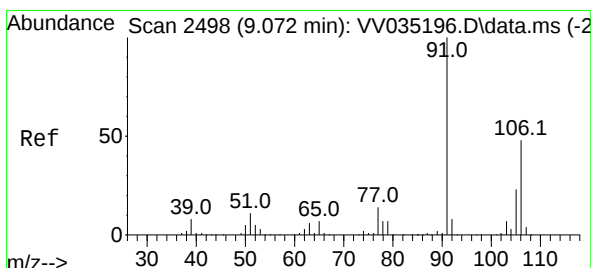
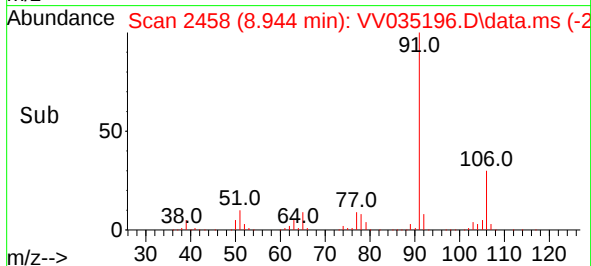
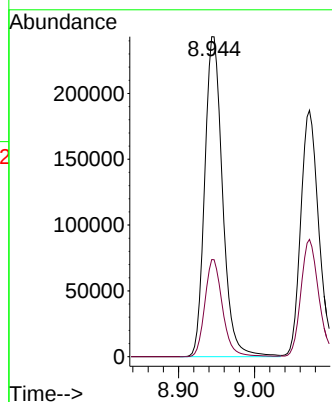
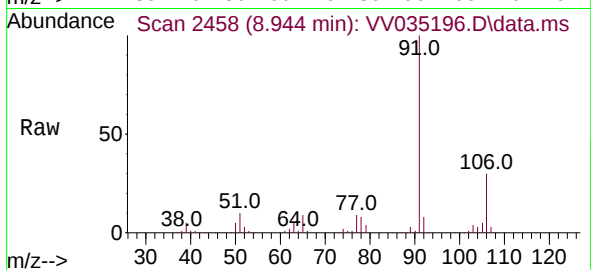
ClientSampleId :

Tgt Ion: 91 Resp: 396432

Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.5



#53

m,p-Xylene

Concen: 5.567 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV035196.D

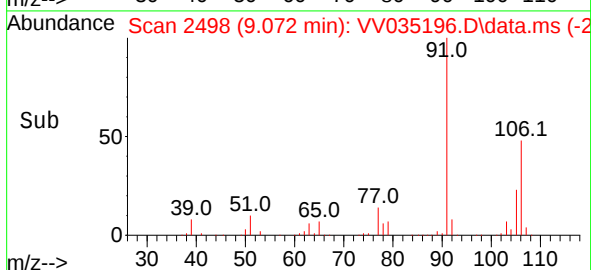
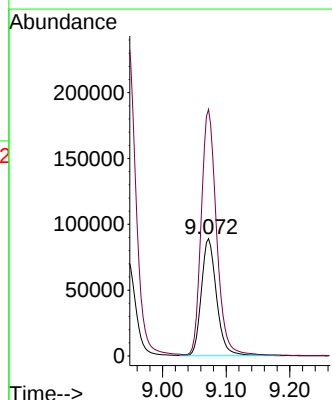
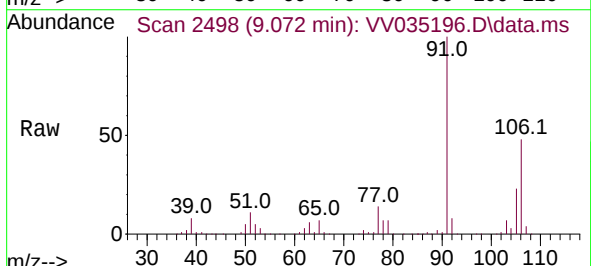
Acq: 15 Apr 2024 13:06

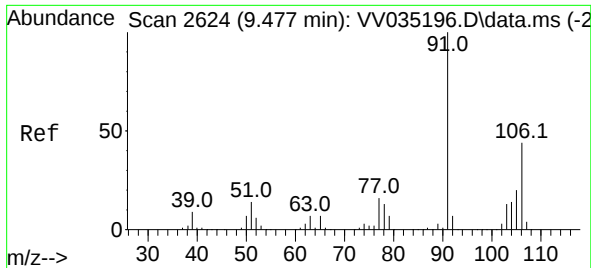
Tgt Ion: 106 Resp: 147444

Ion Ratio Lower Upper

106 100

91 210.2 147.1 273.3

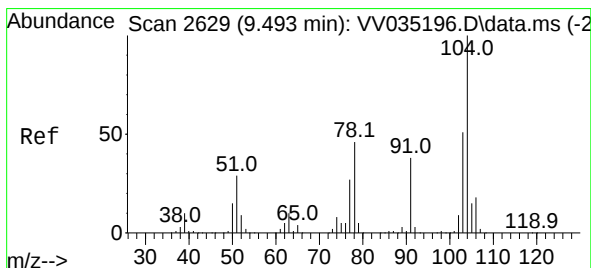
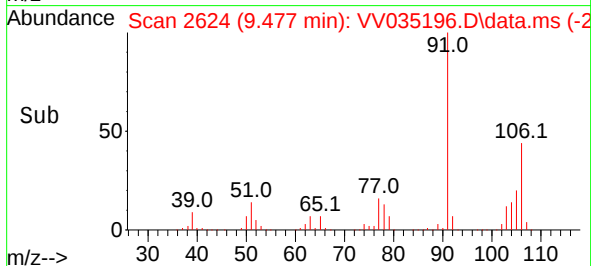
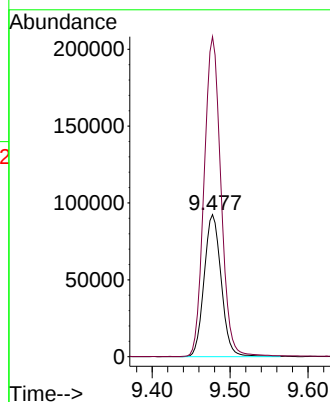
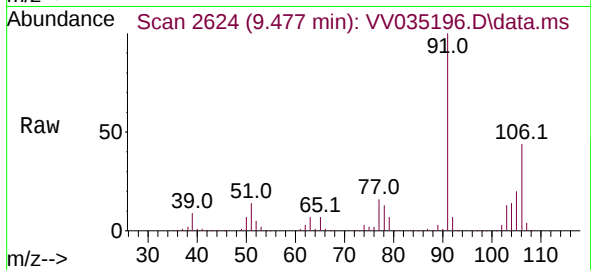




#54
o-Xylene
Concen: 5.385 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

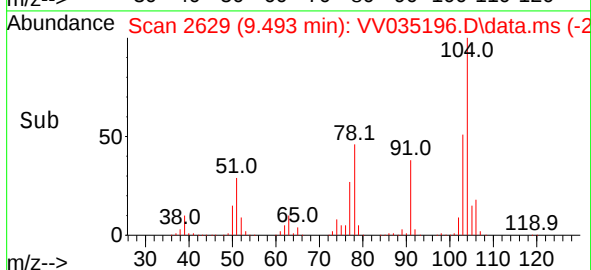
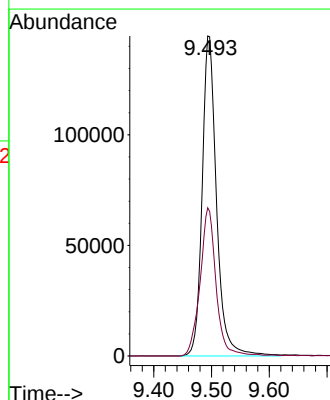
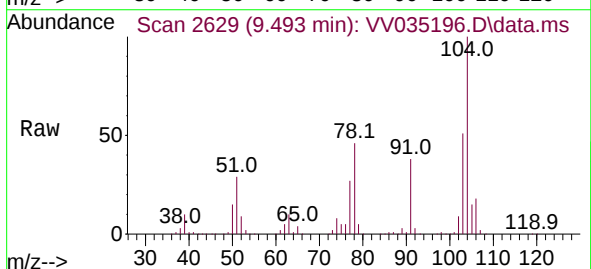
Instrument :
MSVOA_V
ClientSampleId :

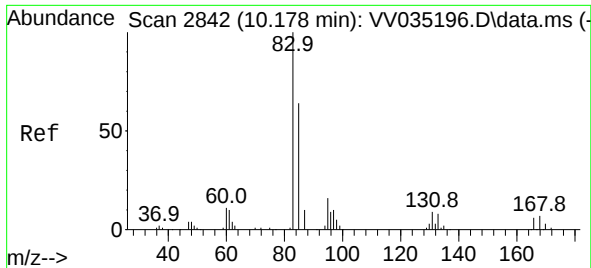
Tgt Ion:106 Resp: 141013
Ion Ratio Lower Upper
106 100
91 225.3 157.7 292.9



#55
Styrene
Concen: 5.859 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

Tgt Ion:104 Resp: 251025
Ion Ratio Lower Upper
104 100
78 46.3 32.4 60.2

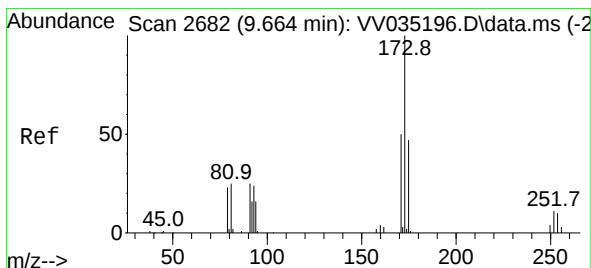
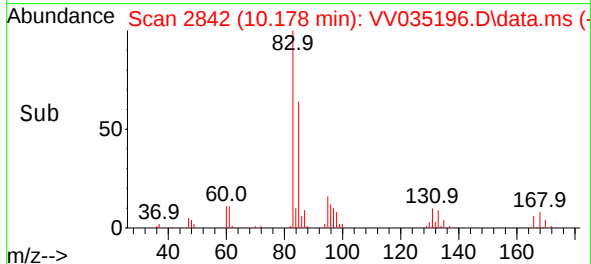
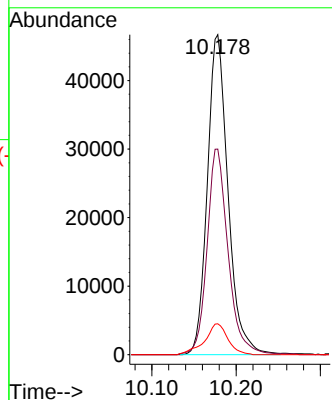
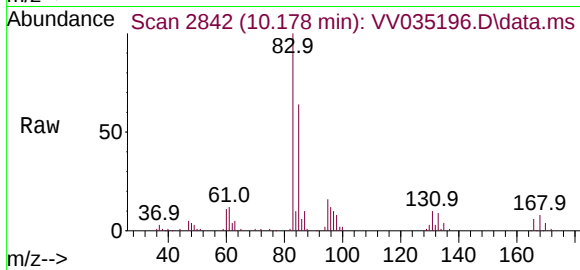




#57
1,1,2,2-Tetrachloroethane
Concen: 6.328 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

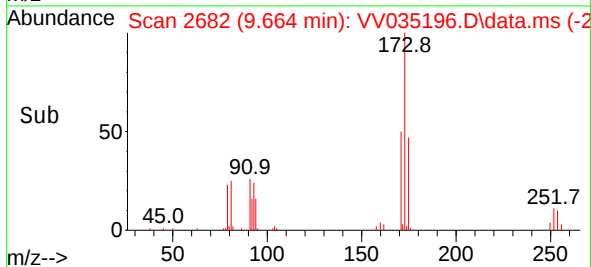
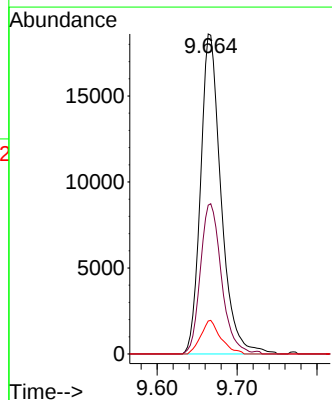
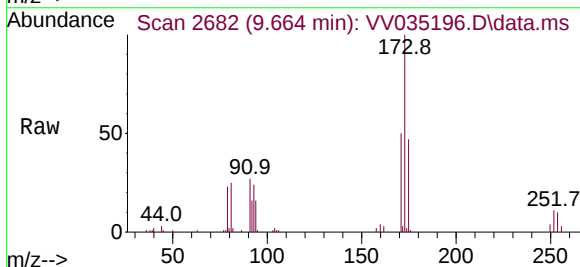
Instrument :
MSVOA_V
ClientSampleId :

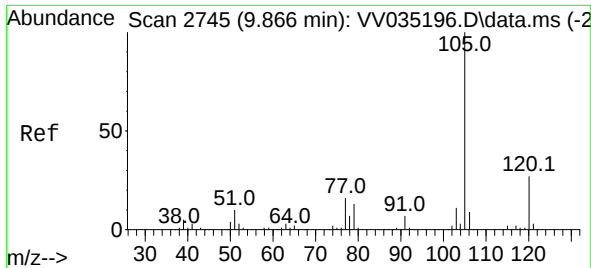
Tgt Ion: 83 Resp: 79859
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
131 9.7 7.8 11.6



#59
Bromoform
Concen: 5.678 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

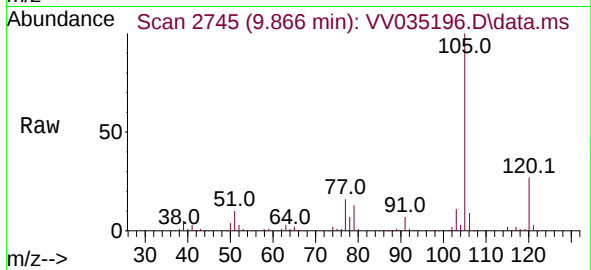
Tgt Ion: 173 Resp: 33221
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 10.2 8.2 12.2



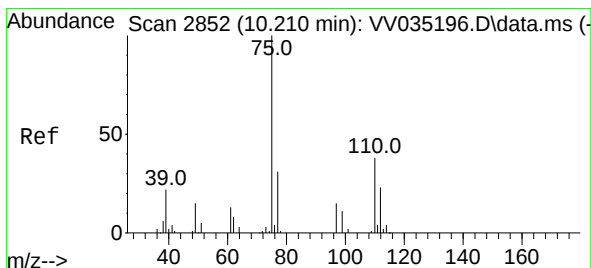
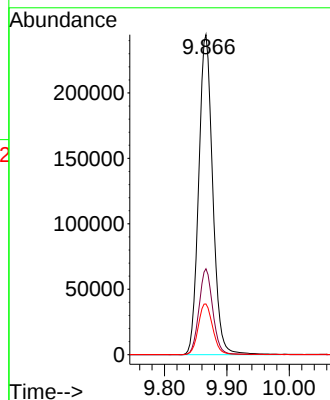
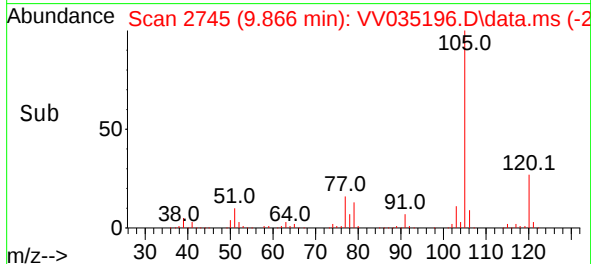


#60
Isopropylbenzene
Concen: 5.586 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

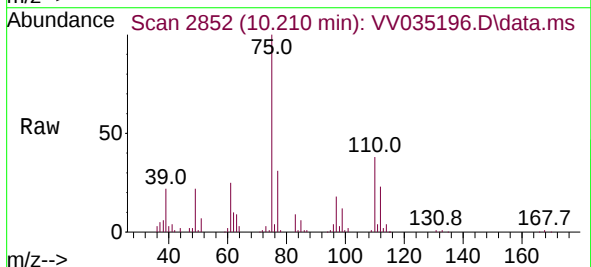
Instrument :
MSVOA_V
ClientSampleId :



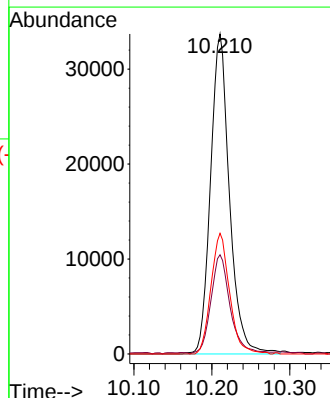
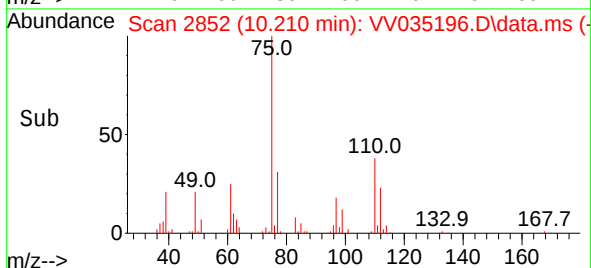
Tgt Ion:105 Resp: 381920
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 16.4 13.1 19.7

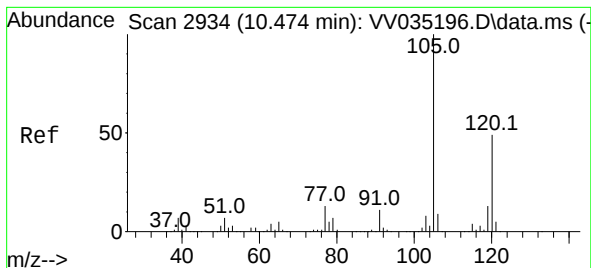


#61
1,2,3-Trichloropropane
Concen: 6.274 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06



Tgt Ion: 75 Resp: 56900
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
110 37.0 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 5.184 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

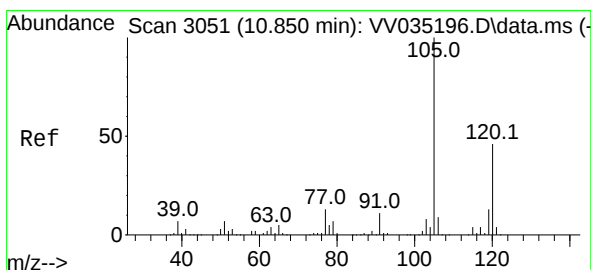
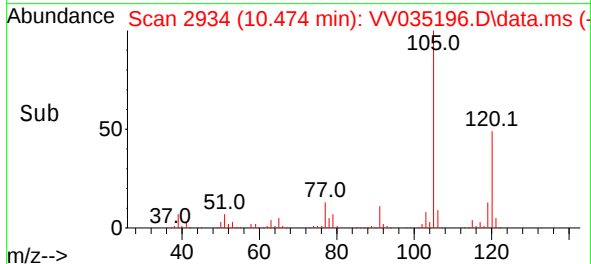
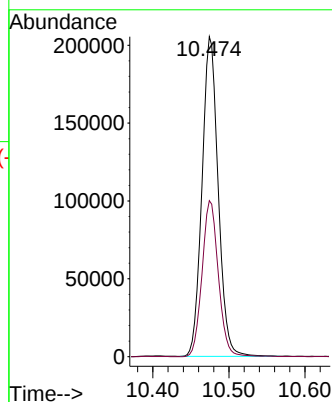
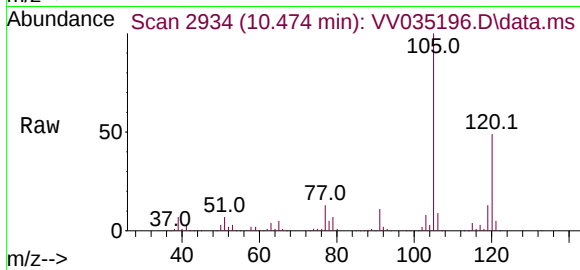
ClientSampleId :

Tgt Ion:105 Resp: 303451

Ion Ratio Lower Upper

105 100

120 49.1 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 5.244 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035196.D

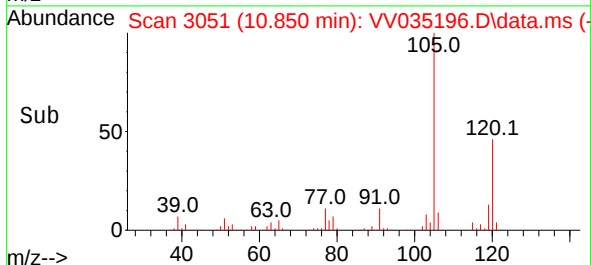
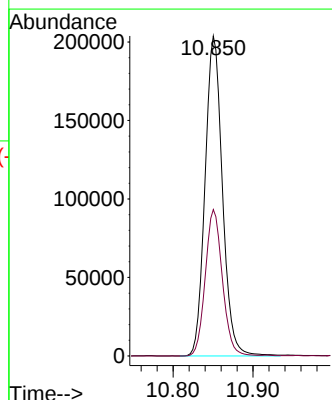
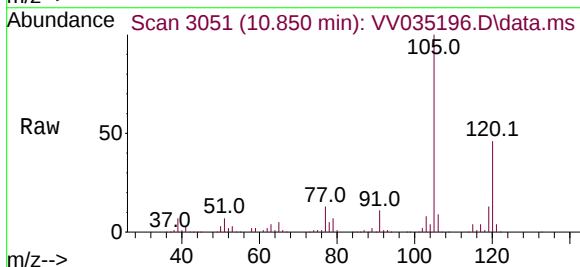
Acq: 15 Apr 2024 13:06

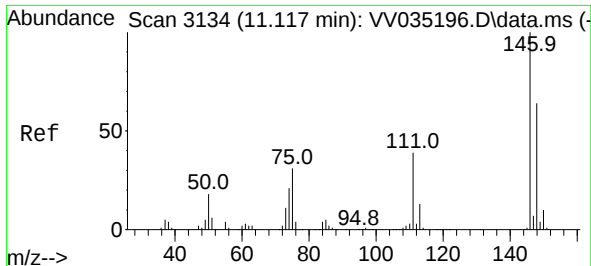
Tgt Ion:105 Resp: 308545

Ion Ratio Lower Upper

105 100

120 45.0 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 5.615 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :

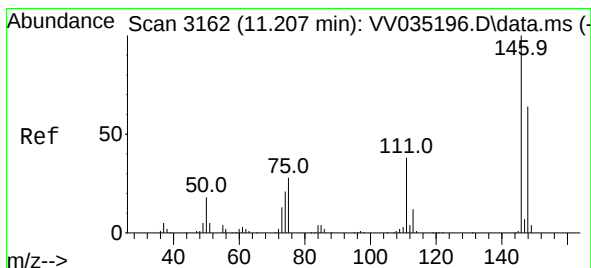
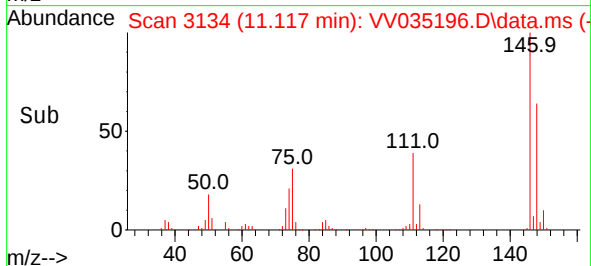
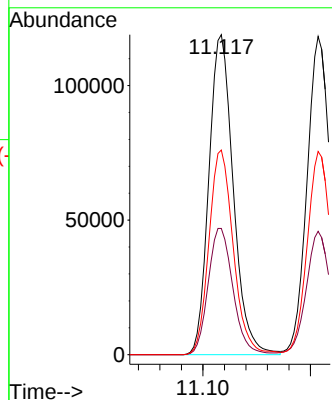
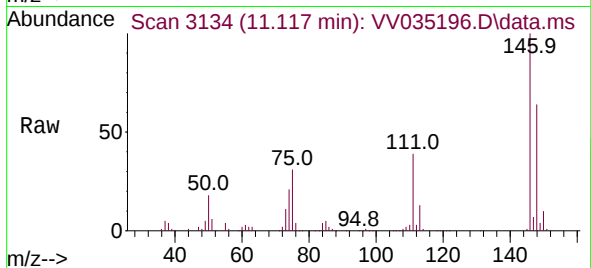
Tgt Ion:146 Resp: 187305

Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.2

148 63.9 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.668 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

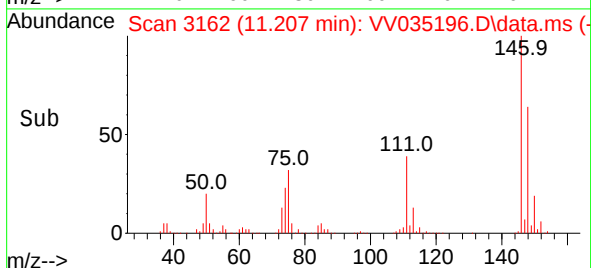
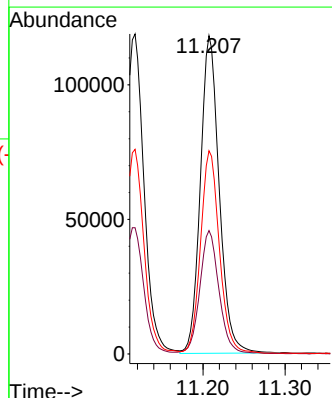
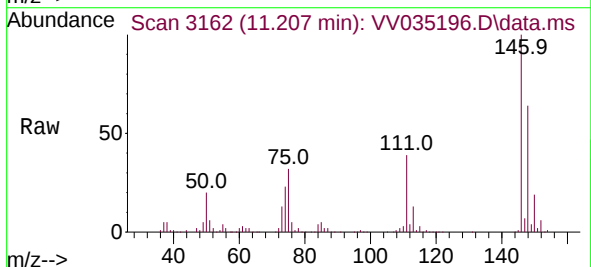
Tgt Ion:146 Resp: 188514

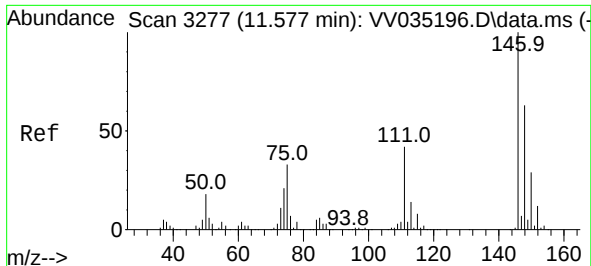
Ion Ratio Lower Upper

146 100

111 38.7 27.1 50.3

148 63.9 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.543 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :

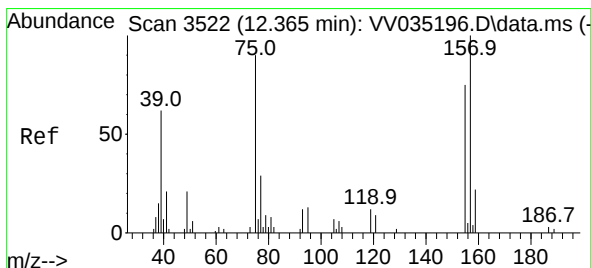
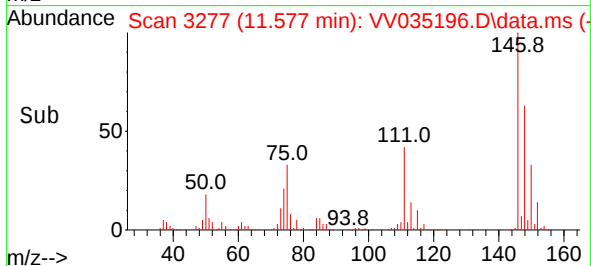
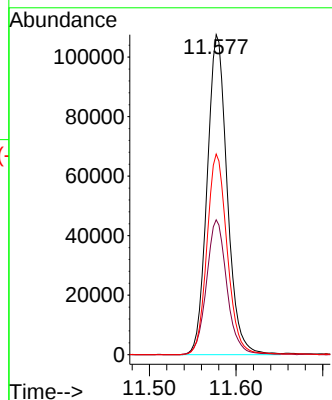
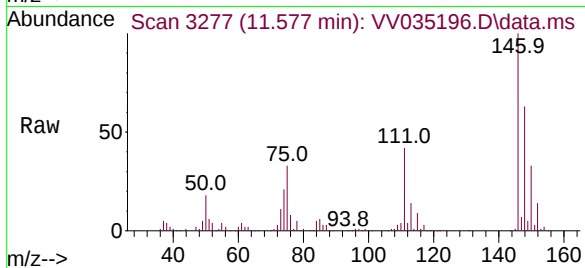
Tgt Ion:146 Resp: 173201

Ion Ratio Lower Upper

146 100

111 42.1 33.7 50.5

148 62.7 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.241 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

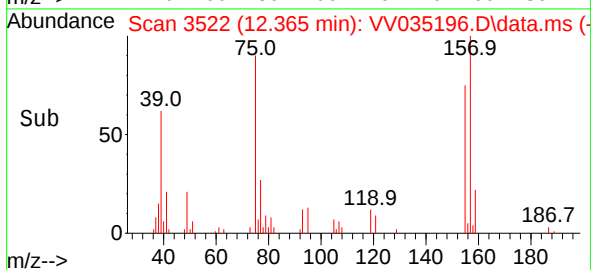
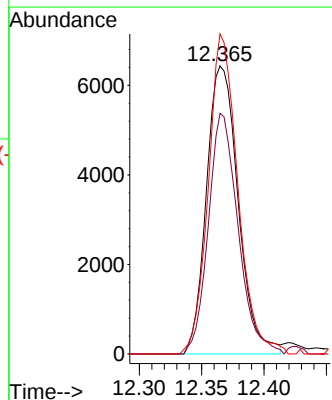
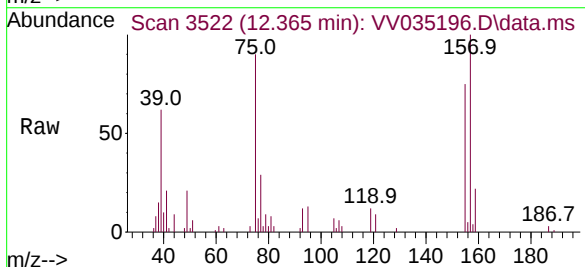
Tgt Ion: 75 Resp: 11412

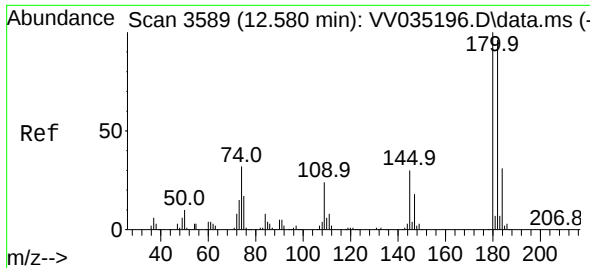
Ion Ratio Lower Upper

75 100

155 83.5 66.8 100.2

157 111.0 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 5.515 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

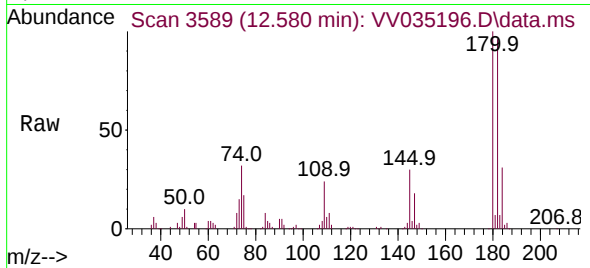
Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 141495

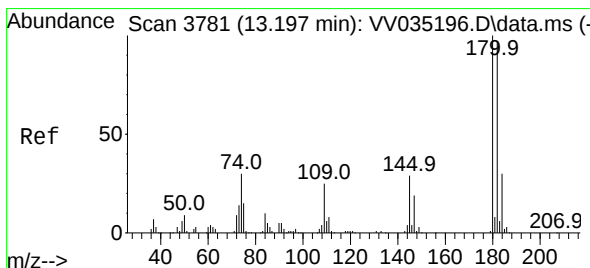
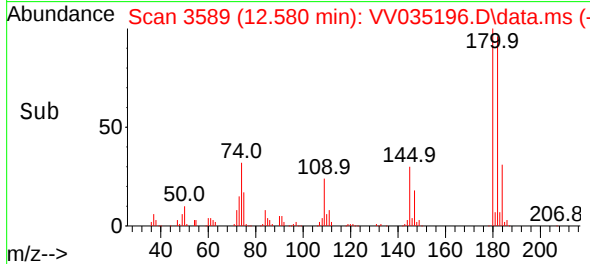
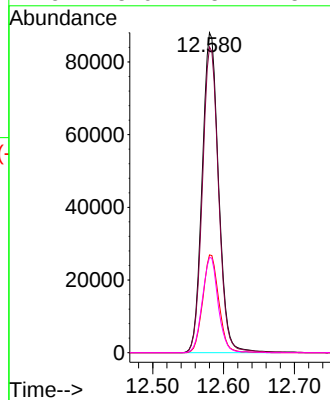
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

184 30.0 24.0 36.0

145 28.9 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.129 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035196.D

Acq: 15 Apr 2024 13:06

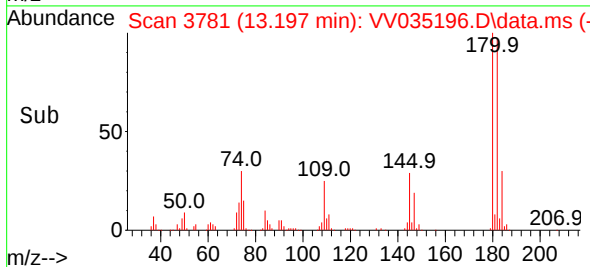
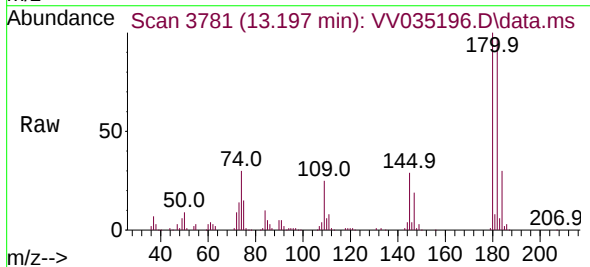
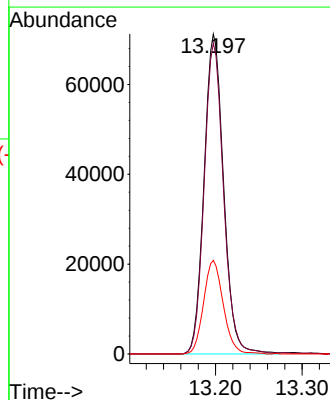
Tgt Ion:180 Resp: 111827

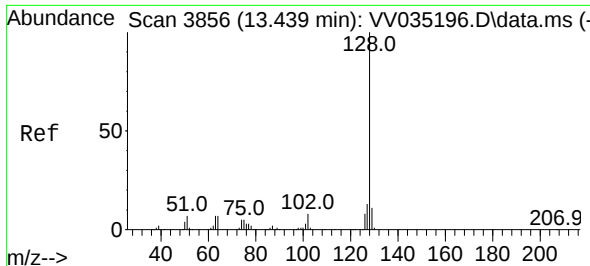
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

145 29.4 23.5 35.3

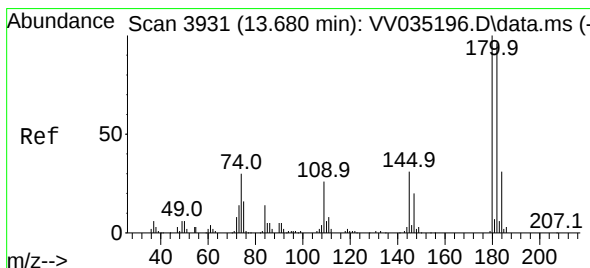
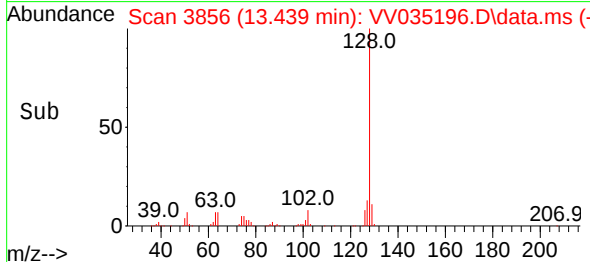
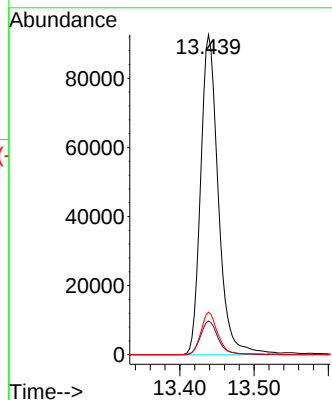
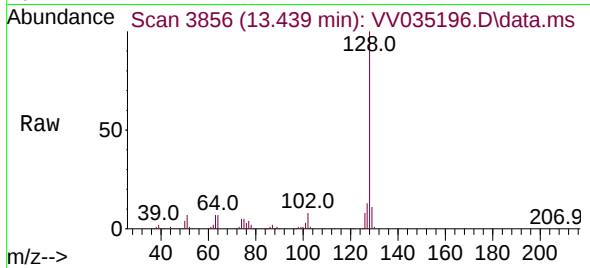




#71
Naphthalene
Concen: 4.321 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 153468
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 12.5 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.224 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV035196.D
Acq: 15 Apr 2024 13:06

Tgt Ion:180 Resp: 102789
Ion Ratio Lower Upper
180 100
182 94.9 75.9 113.9
145 31.6 25.3 37.9

