

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050624\
 Data File : VV035537.D
 Acq On : 06 May 2024 15:49
 Operator : SY/MD
 Sample : VSTD00507
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 08 01:31:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:28:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	447849	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	464376	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	258933	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	44549	6.436	ug/L	0.00
7) Chloroethane-d5	1.529	69	35992	6.445	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	19750	6.445	ug/L	0.00
21) 2-Butanone-d5	3.896	46	7385	3.760	ug/L	0.06
24) Chloroform-d	4.246	84	78087	5.865	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	39651	6.024	ug/L	0.00
32) Benzene-d6	4.957	84	154662	6.084	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	45763	5.834	ug/L	0.00
41) Toluene-d8	7.243	98	132907	5.875	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	19366	5.772	ug/L	0.00
47) 2-Hexanone-d5	8.047	63	12586	8.923	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	42140	5.575	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	51478	5.729	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	49709	5.459	ug/L	99
3) Chloromethane	1.211	50	51726	5.658	ug/L	99
5) Vinyl chloride	1.278	62	51546	5.458	ug/L	100
6) Bromomethane	1.484	94	32974	5.514	ug/L	99
8) Chloroethane	1.545	64	31366	5.388	ug/L	98
9) Trichlorofluoromethane	1.709	101	64350	5.220	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	39032	5.018	ug/L	98
12) 1,1-Dichloroethene	2.063	96	37001	5.267	ug/L	88
13) Acetone	2.388	43	14922	5.189	ug/L	72
14) Carbon disulfide	2.233	76	133349	5.993	ug/L	100
15) Methyl Acetate	2.388	43	15458	3.524	ug/L	98
16) Methylene chloride	2.442	84	58011	5.617	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	41046	5.263	ug/L	95
18) Methyl tert-butyl Ether	2.703	73	88056	4.681	ug/L	99
19) 1,1-Dichloroethane	3.105	63	73346	5.016	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	41821	4.946	ug/L	96
22) 2-Butanone	3.960	43	4145	1.552	ug/L	89
23) Bromochloromethane	4.153	128	20072	4.908	ug/L	93
25) Chloroform	4.272	83	73259	4.852	ug/L	96
27) 1,2-Dichloroethane	5.043	62	45533	4.843	ug/L	97
29) Cyclohexane	4.574	56	55948	5.038	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	63392	4.923	ug/L	99
31) Carbon tetrachloride	4.728	117	56386	4.991	ug/L	99
33) Benzene	5.008	78	152196	4.952	ug/L	100
34) Trichloroethene	5.834	95	42454	4.883	ug/L	97
35) Methylcyclohexane	6.047	83	64697	4.902	ug/L	98
37) 1,2-Dichloropropane	6.092	63	37759	4.709	ug/L	99
38) Bromodichloromethane	6.432	83	51795	4.768	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	57442	4.580	ug/L	96
40) 4-Methyl-2-pentanone	7.169	43	39879	8.431	ug/L	92
42) Toluene	7.313	91	156525	4.812	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	51345	4.680	ug/L	97

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

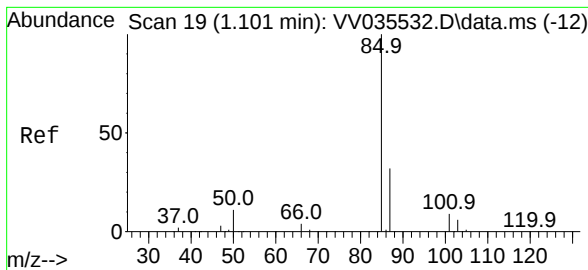
45) 1,1,2-Trichloroethane	7.770	97	32261	4.735	ug/L	97
46) Tetrachloroethene	7.905	164	36026	5.101	ug/L	97
48) 2-Hexanone	8.092	43	26350	7.459	ug/L #	92
49) Dibromochloromethane	8.175	129	35644	4.636	ug/L	97
50) 1,2-Dibromoethane	8.284	107	32251	4.805	ug/L	96
51) Chlorobenzene	8.812	112	109412	4.848	ug/L	98
52) Ethylbenzene	8.947	91	163142	4.543	ug/L	100
53) m,p-Xylene	9.072	106	60876	4.468	ug/L	99
54) o-Xylene	9.477	106	56882	4.405	ug/L	98
55) Styrene	9.497	104	96287	4.275	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	38713	4.665	ug/L	97
59) Bromoform	9.667	173	23592	4.636	ug/L	99
60) Isopropylbenzene	9.866	105	154592	4.482	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	28347	4.672	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	107322	3.966	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	117616	4.230	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	86382	4.772	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	93172	4.972	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	80800	4.742	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	6891	4.897	ug/L	88
69) 1,3,5-Trichlorobenzene	12.580	180	65315	4.618	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	53183	4.503	ug/L	100
71) Naphthalene	13.442	128	84813	4.090	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	47372	4.458	ug/L	100

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

Instrument :
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ClientSampleId :

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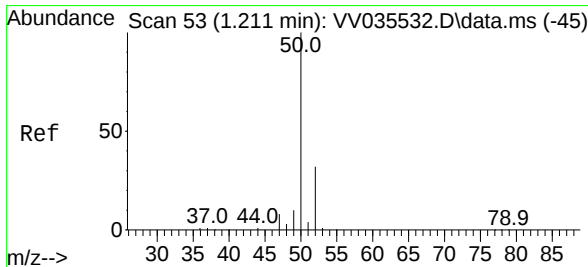
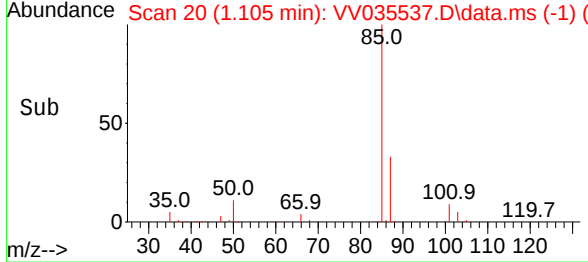
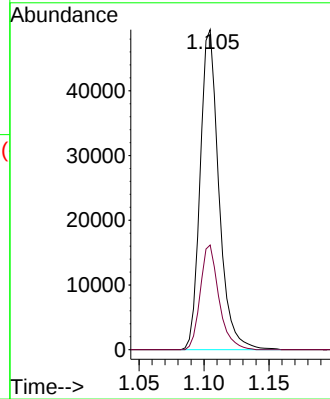
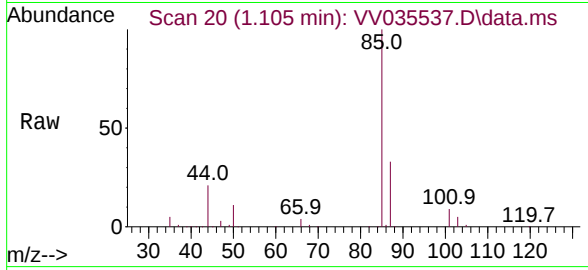




#2
Dichlorodifluoromethane
Concen: 5.459 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

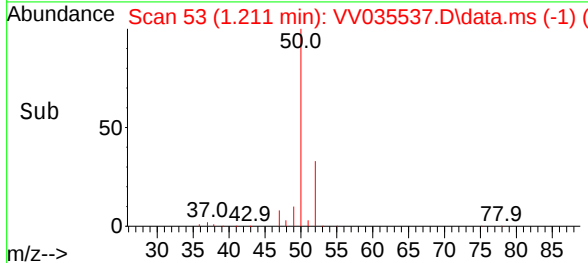
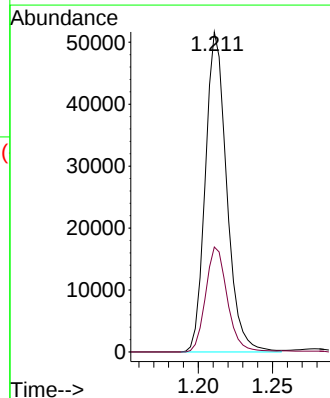
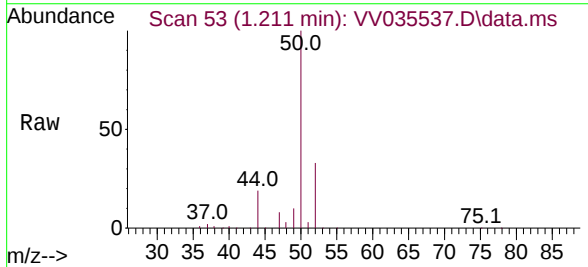
Instrument :
MSVOA_V
ClientSampleId :

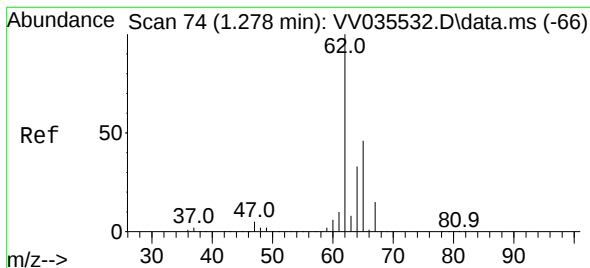
Tgt Ion: 85 Resp: 49709
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6



#3
Chloromethane
Concen: 5.658 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

Tgt Ion: 50 Resp: 51726
Ion Ratio Lower Upper
50 100
52 32.8 22.7 42.1





#5

Vinyl chloride

Concen: 5.458 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

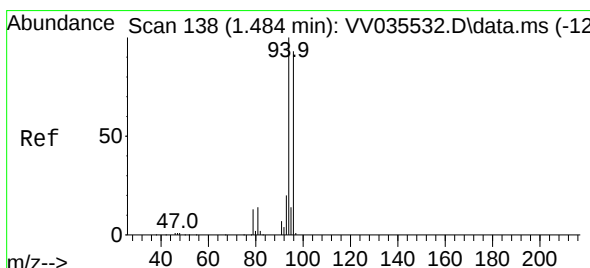
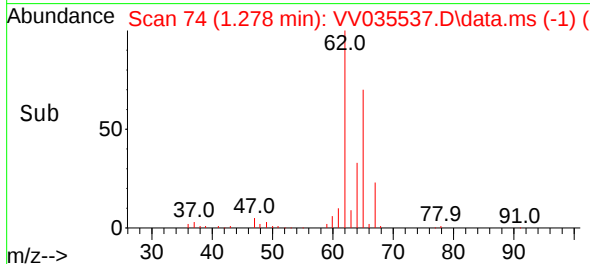
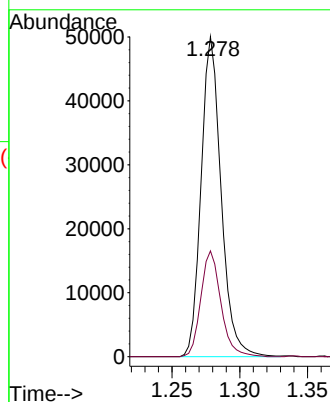
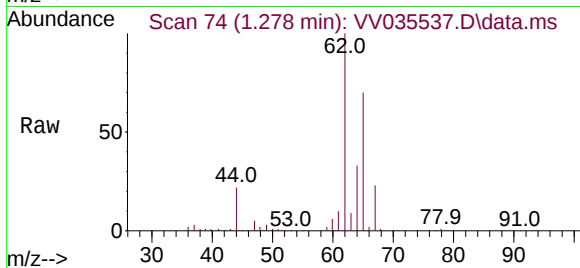
ClientSampleId :

Tgt Ion: 62 Resp: 51546

Ion Ratio Lower Upper

62 100

64 33.1 23.0 42.6



#6

Bromomethane

Concen: 5.514 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV035537.D

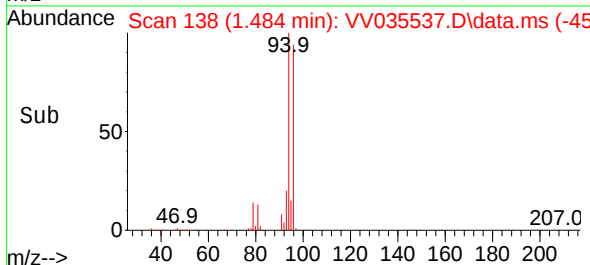
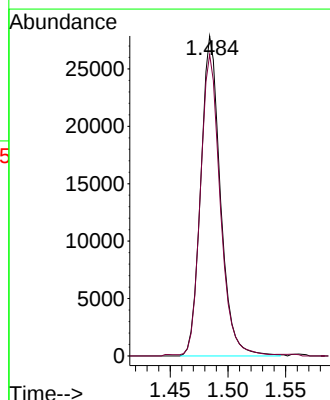
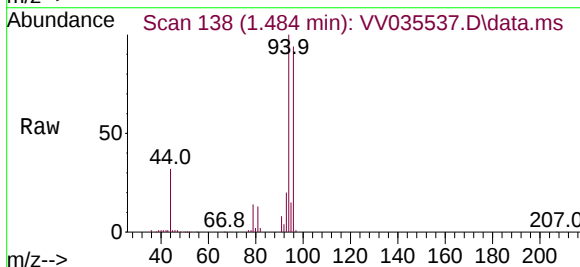
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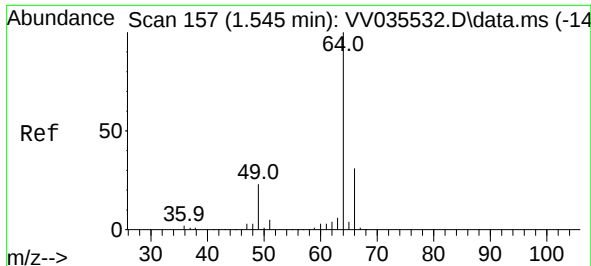
Tgt Ion: 94 Resp: 32974

Ion Ratio Lower Upper

94 100

96 94.2 65.2 121.0

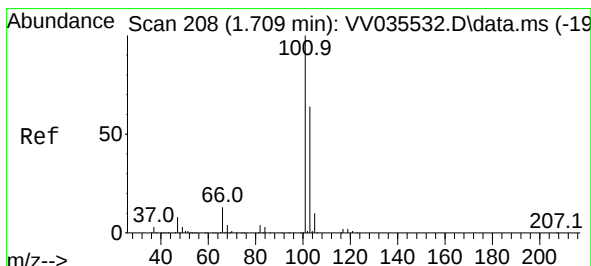
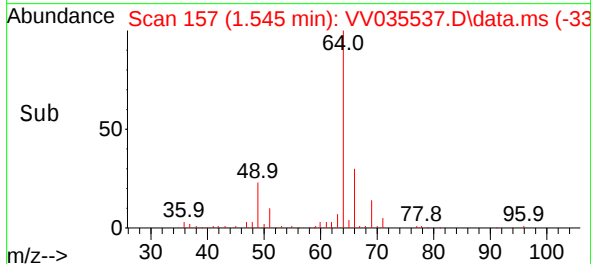
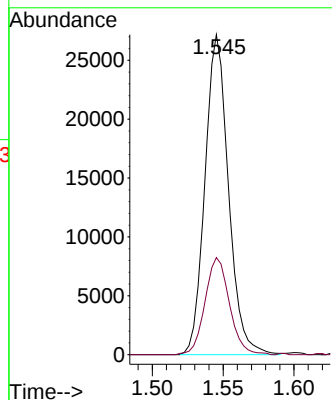
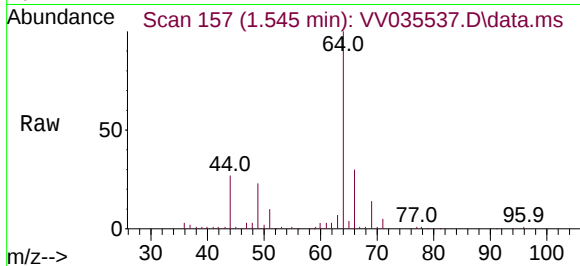




#8
Chloroethane
Concen: 5.388 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

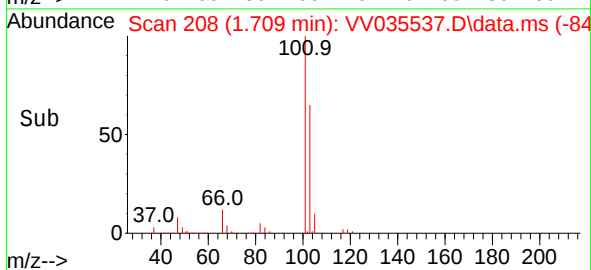
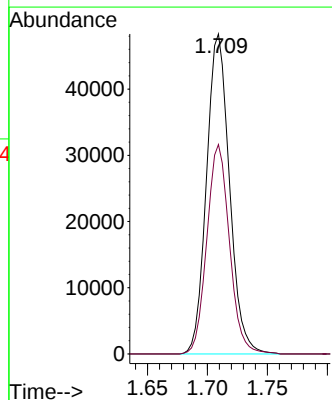
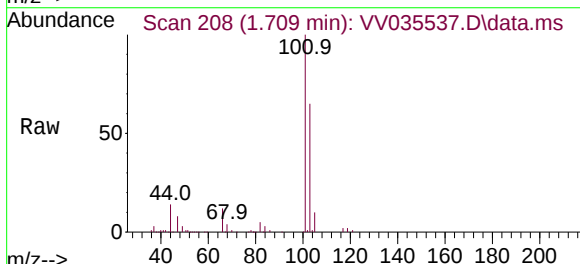
Instrument :
MSVOA_V
ClientSampleId :

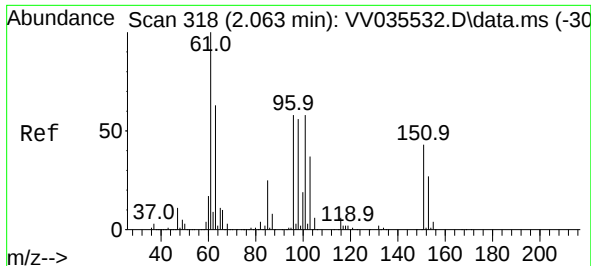
Tgt Ion: 64 Resp: 31366
Ion Ratio Lower Upper
64 100
66 30.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.220 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

Tgt Ion:101 Resp: 64350
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3





#10

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

Concen: 5.018 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

ClientSampleId :

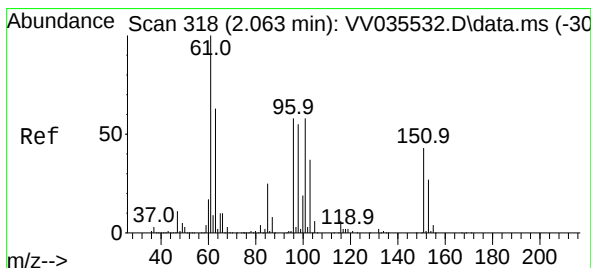
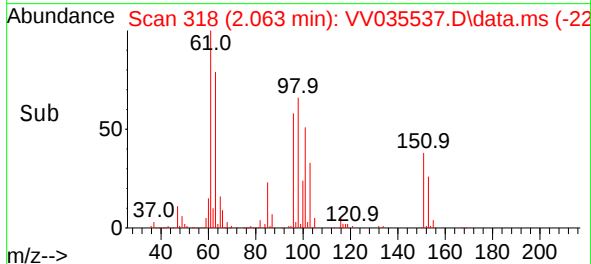
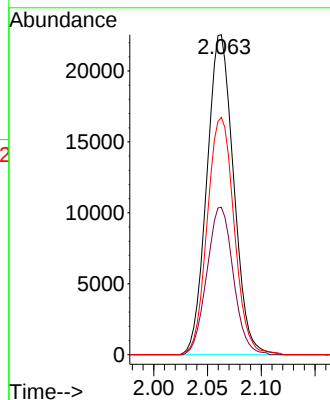
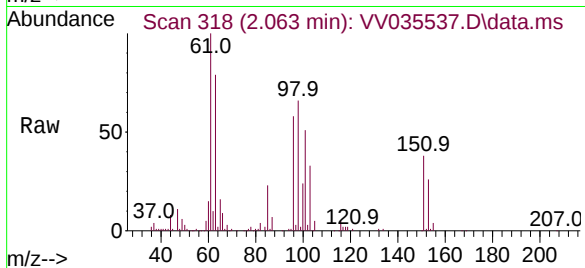
Tgt Ion:101 Resp: 39032

Ion Ratio Lower Upper

101 100

85 45.6 34.2 51.4

151 74.7 59.5 89.3



#12

1,1-Dichloroethene

Concen: 5.267 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

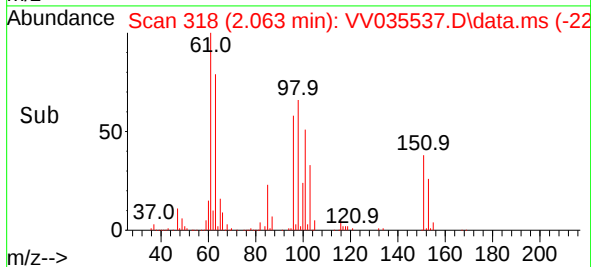
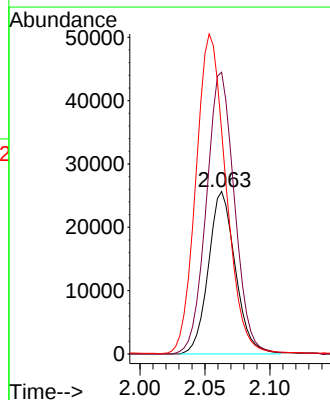
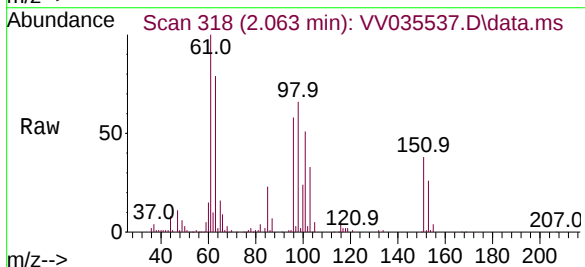
Tgt Ion: 96 Resp: 37001

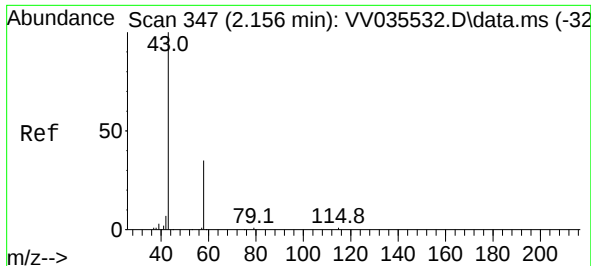
Ion Ratio Lower Upper

96 100

61 173.4 119.8 222.4

63 137.1 75.6 140.4





#13

Acetone

Concen: 5.189 ug/L

RT: 2.388 min Scan# 419

Delta R.T. 0.232 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

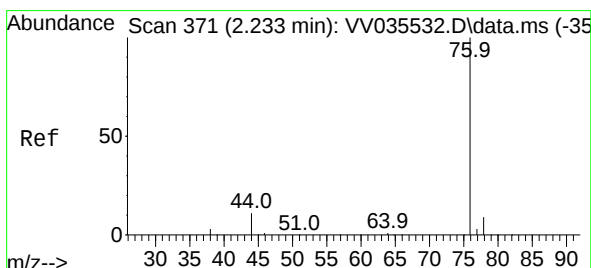
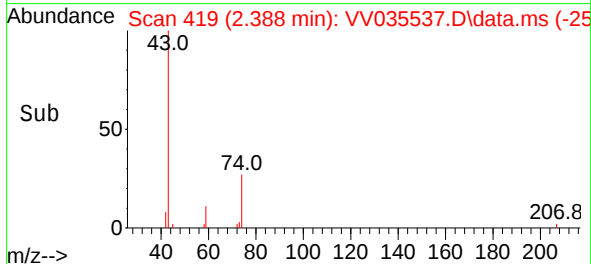
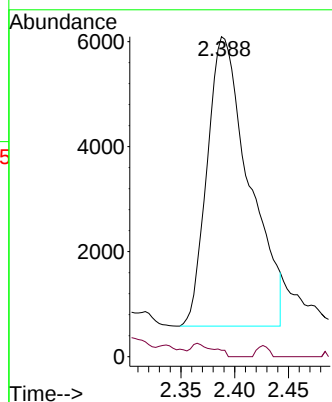
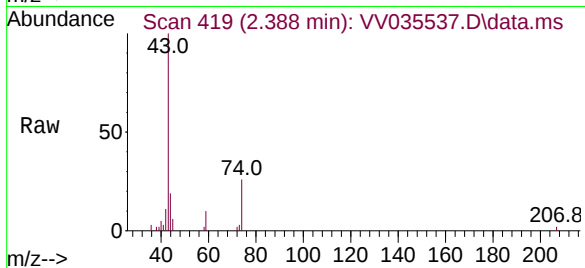
ClientSampleId :

Tgt Ion: 43 Resp: 14922

Ion Ratio Lower Upper

43 100

58 0.8 0.0 22.8



#14

Carbon disulfide

Concen: 5.993 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV035537.D

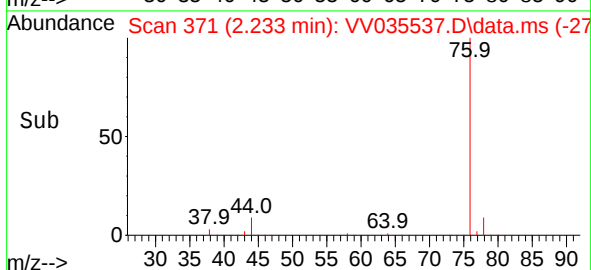
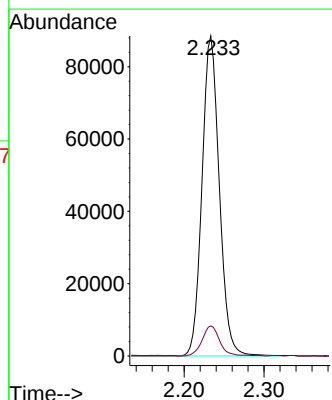
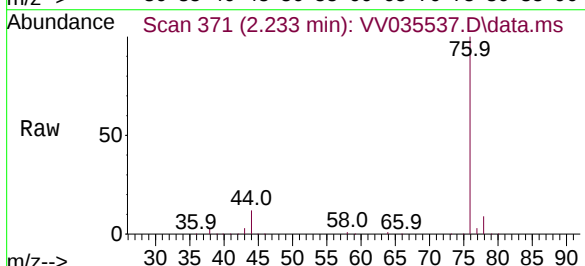
Acq: 06 May 2024 15:49

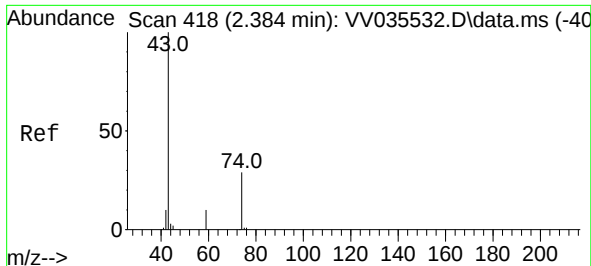
Tgt Ion: 76 Resp: 133349

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 3.524 ug/L

RT: 2.388 min Scan# 418

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

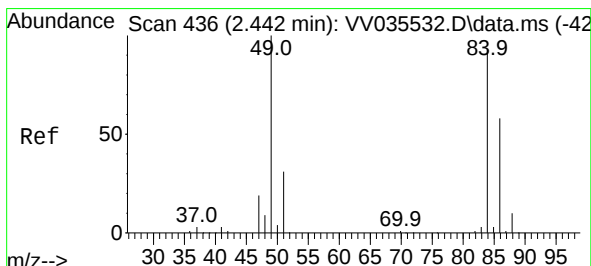
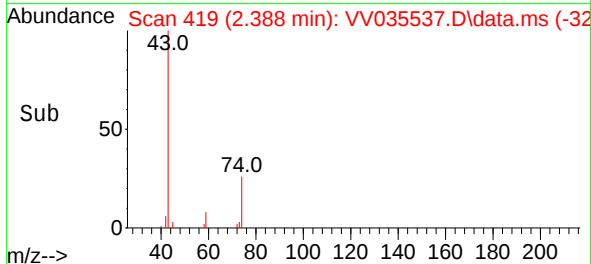
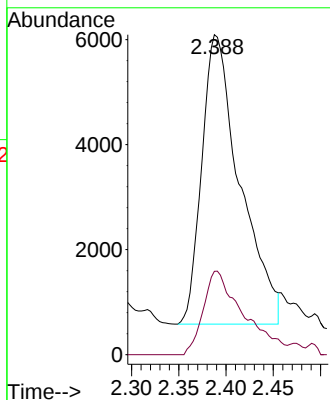
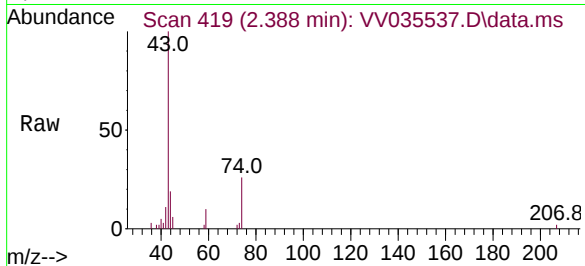
ClientSampleId :

Tgt Ion: 43 Resp: 15458

Ion Ratio Lower Upper

43 100

74 24.3 18.6 27.8



#16

Methylene chloride

Concen: 5.617 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

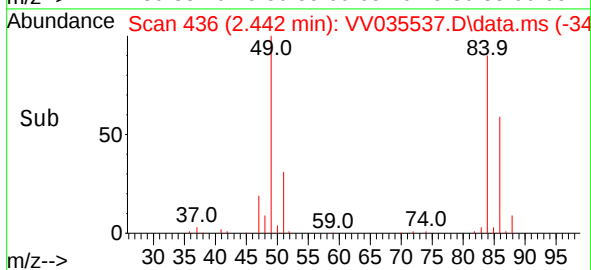
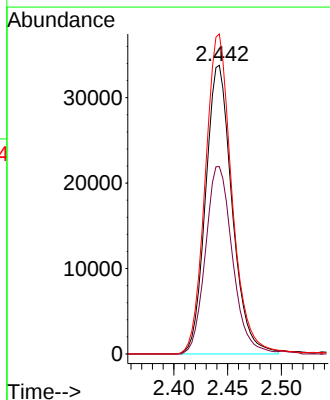
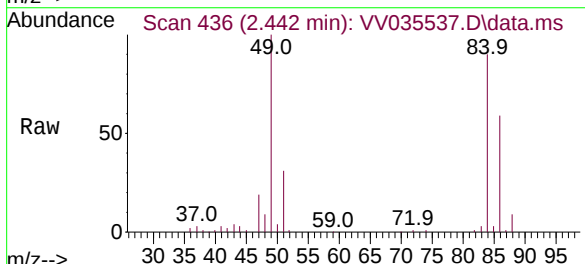
Tgt Ion: 84 Resp: 58011

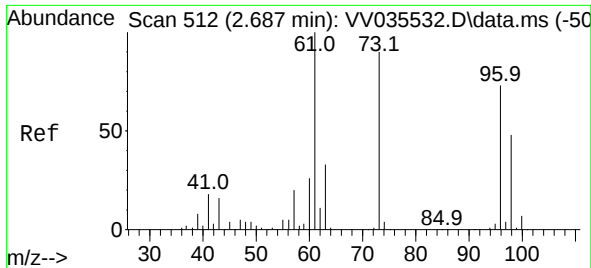
Ion Ratio Lower Upper

84 100

86 64.9 43.8 81.3

49 110.9 75.3 139.9





#17

trans-1,2-Dichloroethene

Concen: 5.263 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

ClientSampleId :

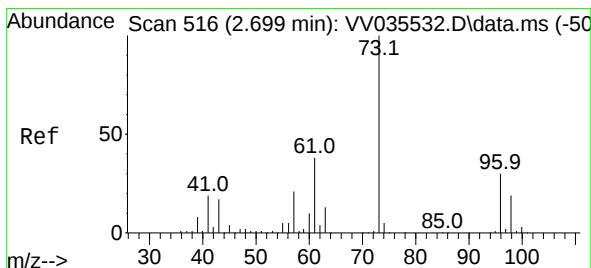
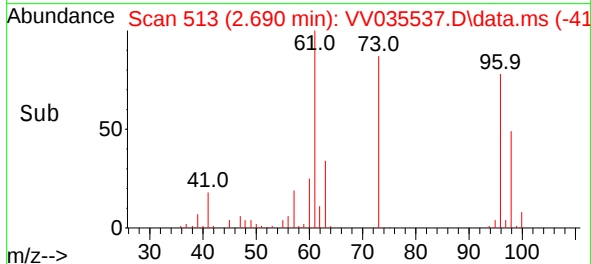
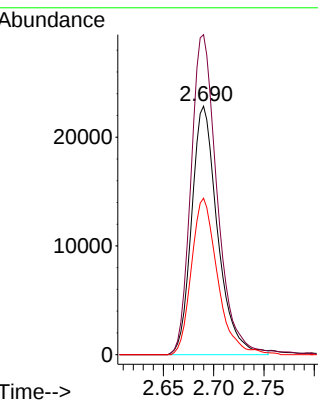
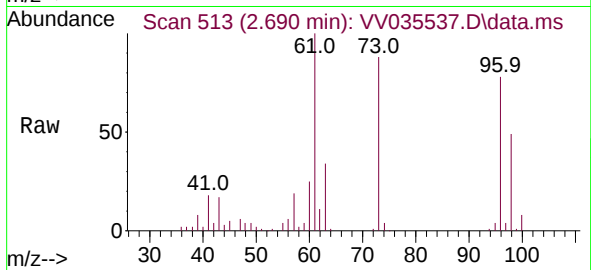
Tgt Ion: 96 Resp: 41046

Ion Ratio Lower Upper

96 100

61 128.8 95.5 177.4

98 63.0 46.0 85.4



#18

Methyl tert-butyl Ether

Concen: 4.681 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

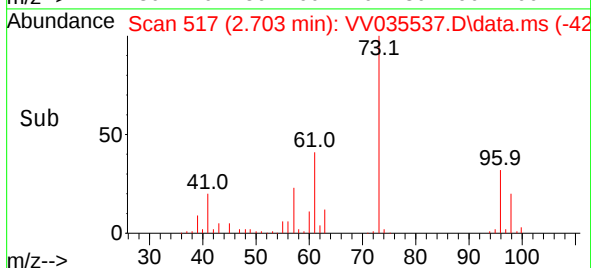
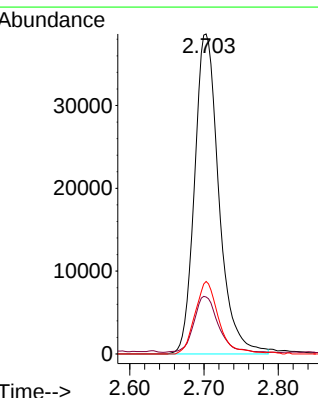
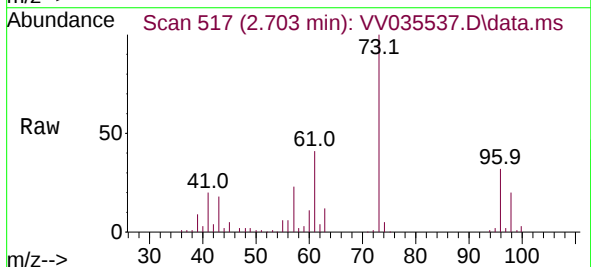
Tgt Ion: 73 Resp: 88056

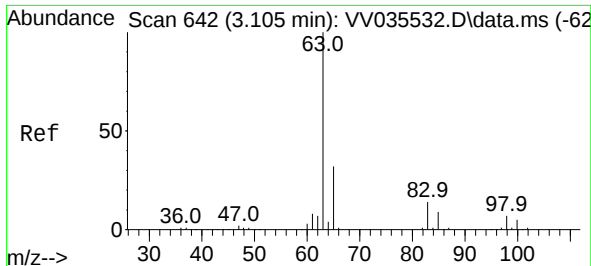
Ion Ratio Lower Upper

73 100

43 17.4 13.3 19.9

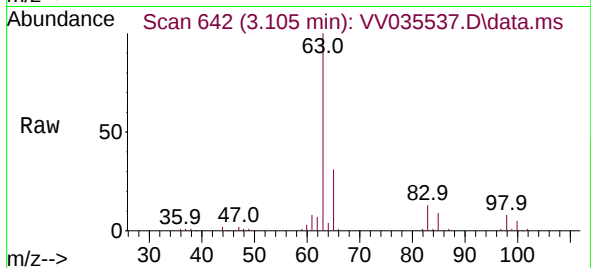
57 22.0 17.4 26.2



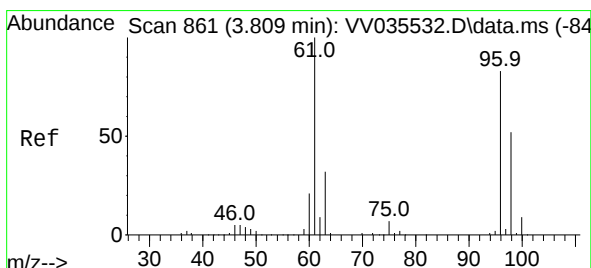
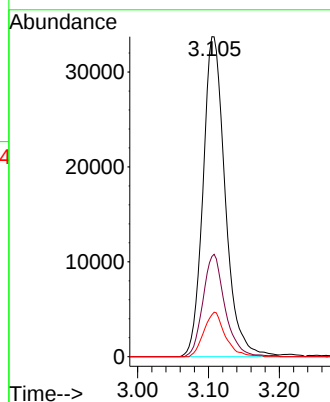
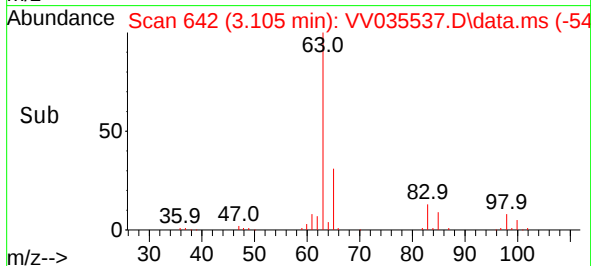


#19
1,1-Dichloroethane
Concen: 5.016 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

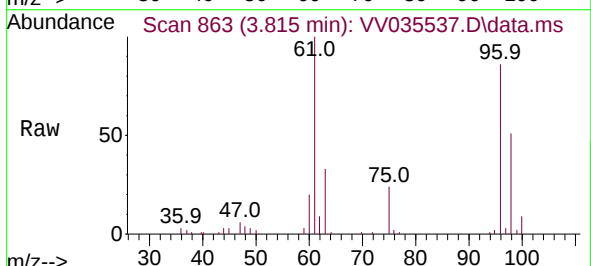
Instrument :
MSVOA_V
ClientSampleId :



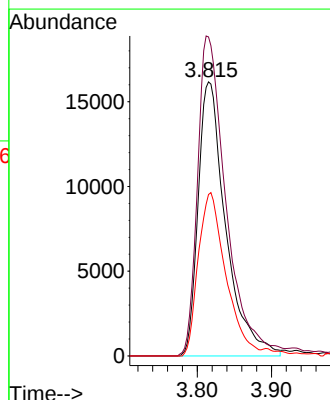
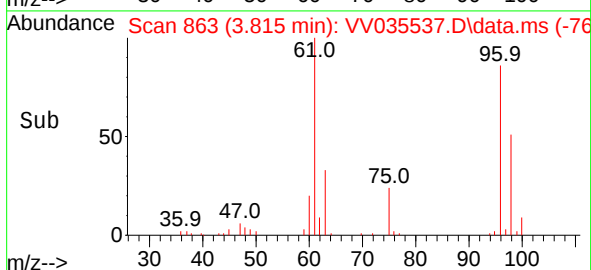
Tgt Ion: 63 Resp: 73346
Ion Ratio Lower Upper
63 100
65 31.3 22.7 42.3
83 13.1 9.7 17.9

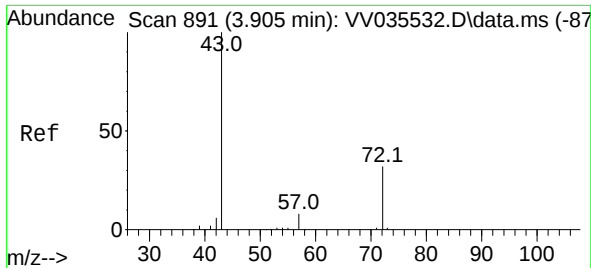


#20
cis-1,2-Dichloroethene
Concen: 4.946 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49



Tgt Ion: 96 Resp: 41821
Ion Ratio Lower Upper
96 100
61 116.4 83.9 155.9
98 58.9 44.0 81.8





#22

2-Butanone

Concen: 1.552 ug/L

RT: 3.960 min Scan# 908

Delta R.T. 0.055 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

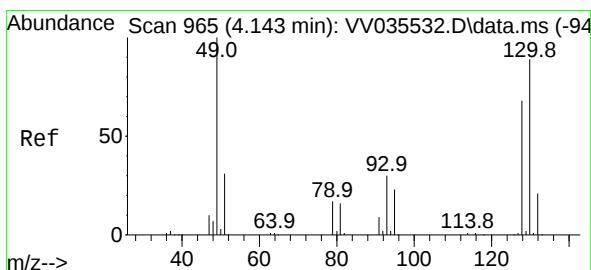
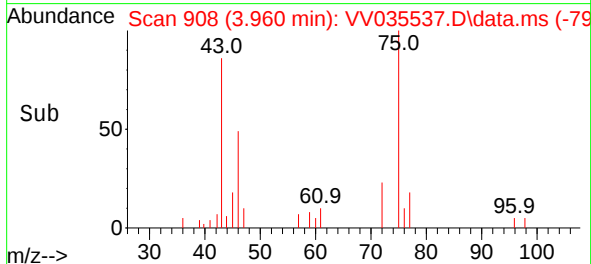
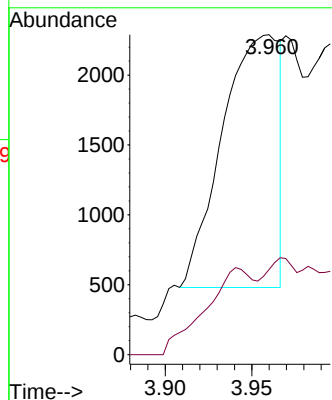
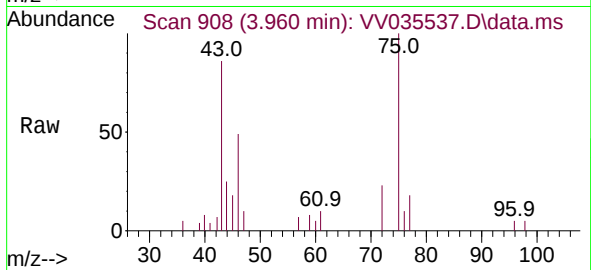
ClientSampleId :

Tgt Ion: 43 Resp: 4145

Ion Ratio Lower Upper

43 100

72 30.2 12.3 36.9



#23

Bromochloromethane

Concen: 4.908 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.010 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Tgt Ion: 128 Resp: 20072

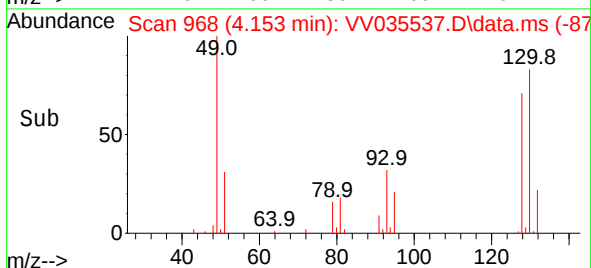
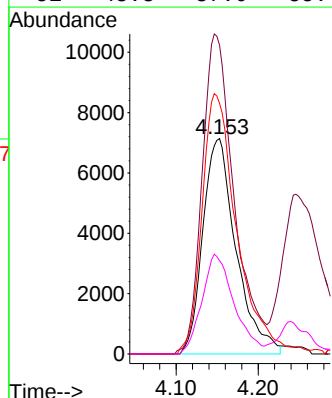
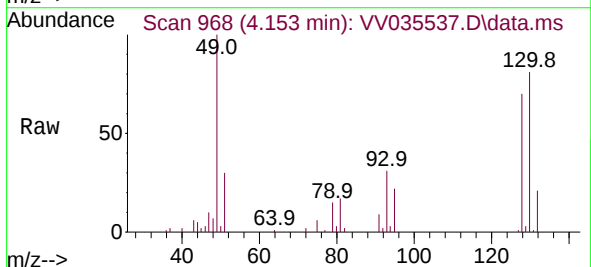
Ion Ratio Lower Upper

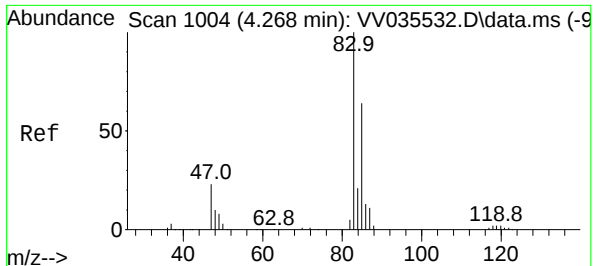
128 100

49 143.3 103.1 191.5

130 116.3 91.8 170.4

51 43.3 37.0 55.4





#25

Chloroform

Concen: 4.852 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

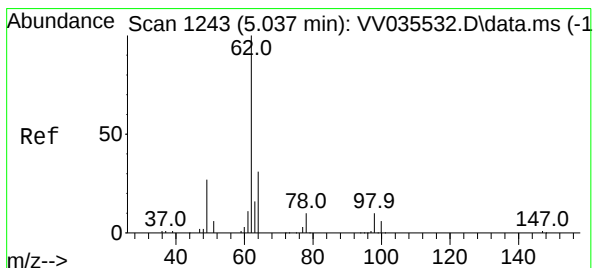
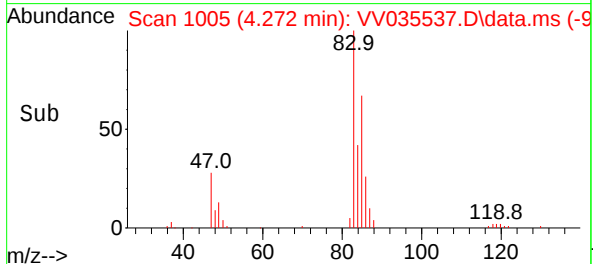
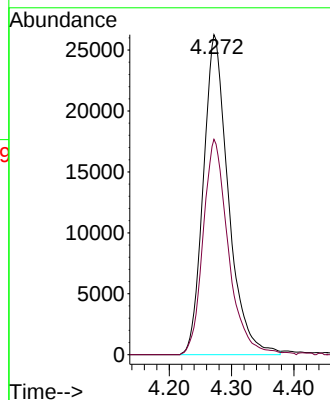
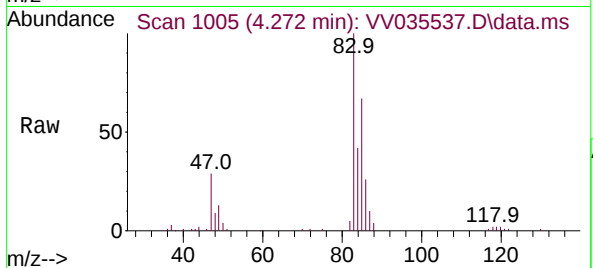
ClientSampleId :

Tgt Ion: 83 Resp: 73259

Ion Ratio Lower Upper

83 100

85 67.3 44.7 82.9



#27

1,2-Dichloroethane

Concen: 4.843 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.007 min

Lab File: VV035537.D

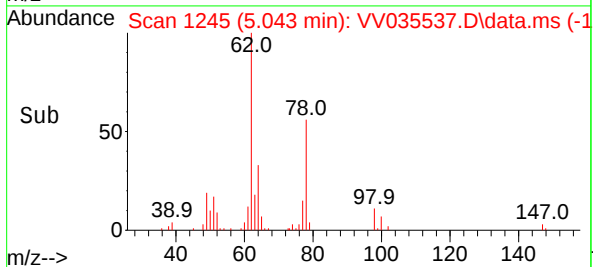
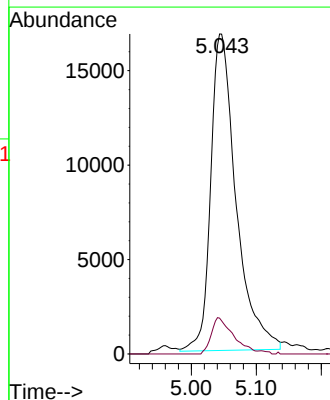
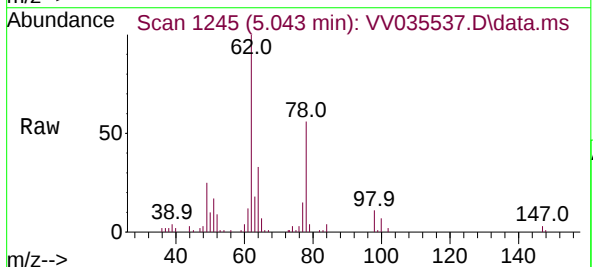
Acq: 06 May 2024 15:49

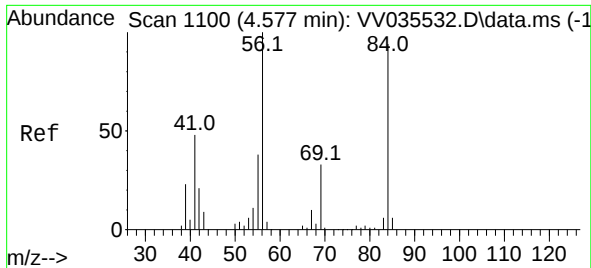
Tgt Ion: 62 Resp: 45533

Ion Ratio Lower Upper

62 100

98 11.2 8.2 12.2





#29

Cyclohexane

Concen: 5.038 ug/L

RT: 4.574 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

ClientSampleId :

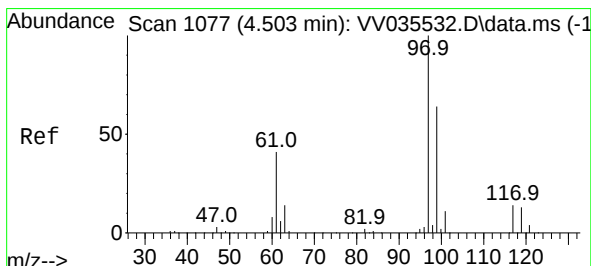
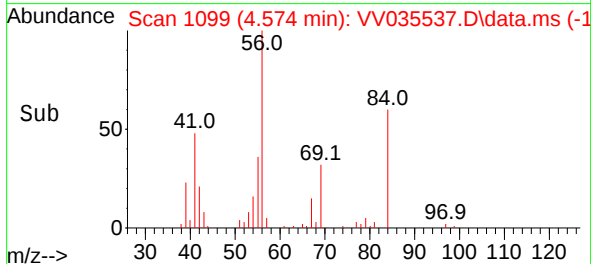
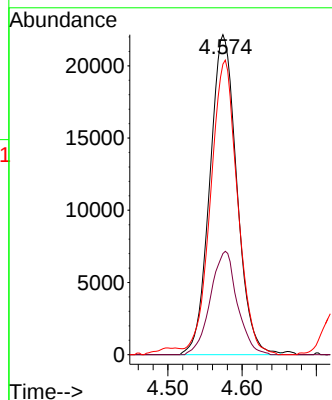
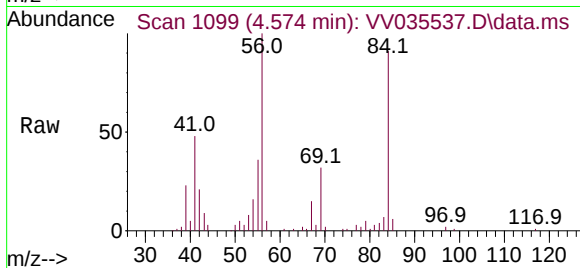
Tgt Ion: 56 Resp: 55948

Ion Ratio Lower Upper

56 100

69 32.1 25.6 38.4

84 92.0 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 4.923 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.007 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

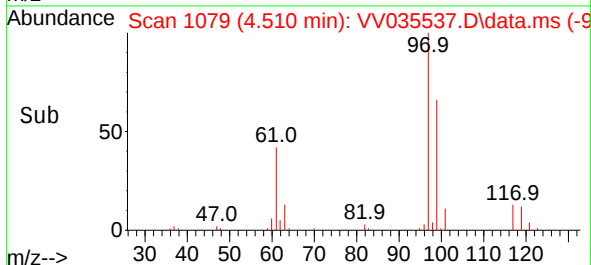
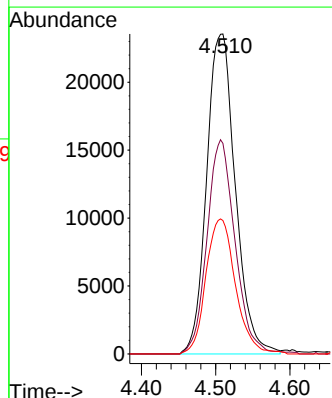
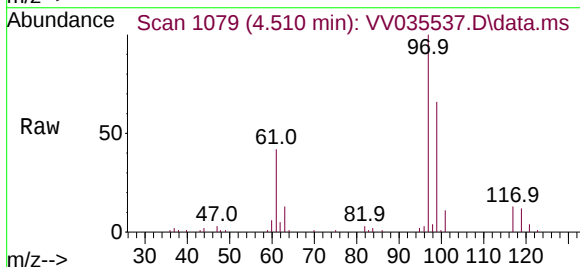
Tgt Ion: 97 Resp: 63392

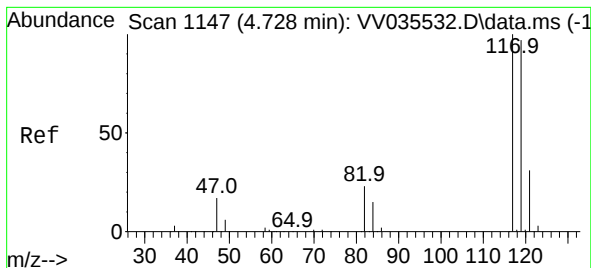
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 43.4 33.5 50.3





#31

Carbon tetrachloride

Concen: 4.991 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

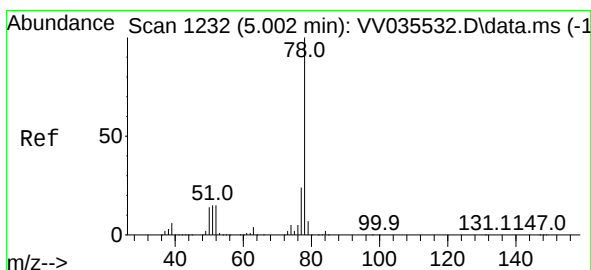
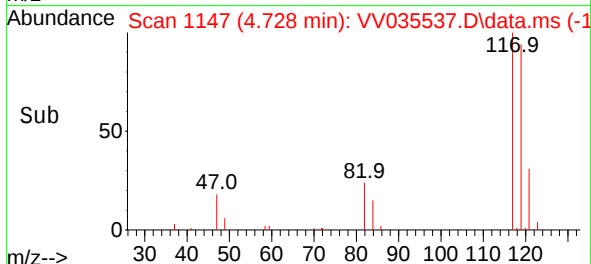
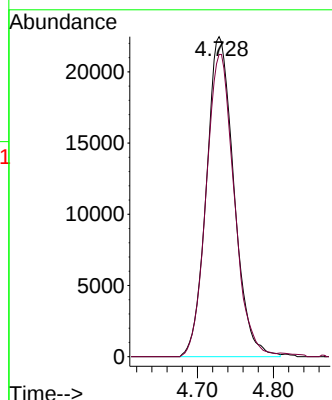
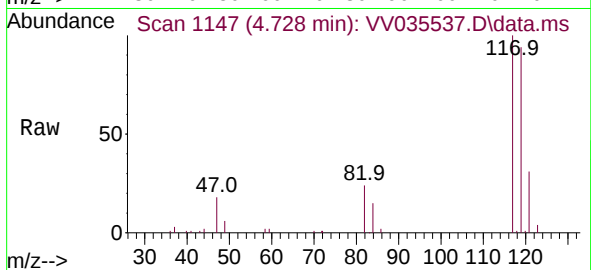
ClientSampleId :

Tgt Ion:117 Resp: 56386

Ion Ratio Lower Upper

117 100

119 96.0 77.3 115.9



#33

Benzene

Concen: 4.952 ug/L

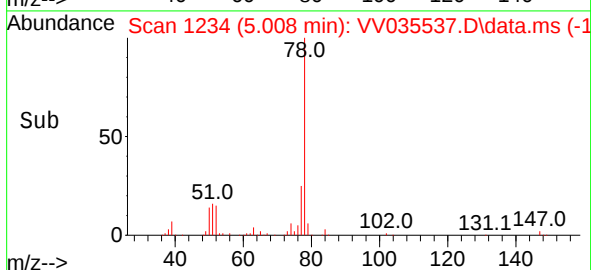
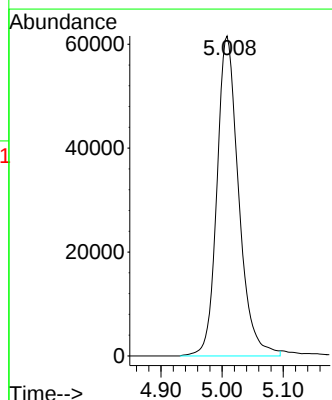
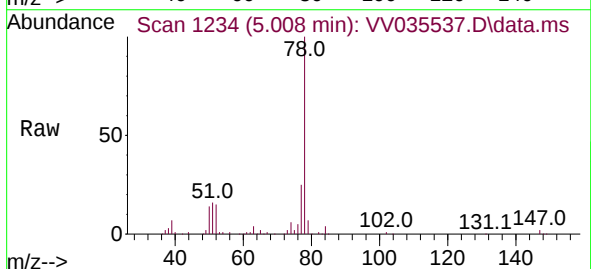
RT: 5.008 min Scan# 1234

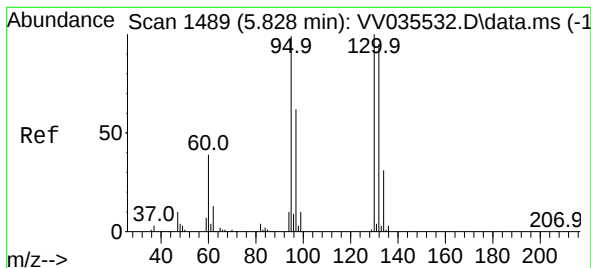
Delta R.T. 0.007 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Tgt Ion: 78 Resp: 152196





#34

Trichloroethene

Concen: 4.883 ug/L

RT: 5.834 min Scan# 1489

Delta R.T. 0.007 min

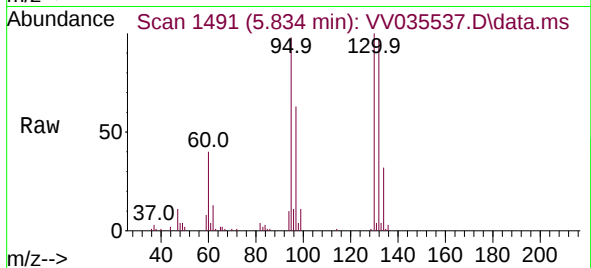
Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 42454

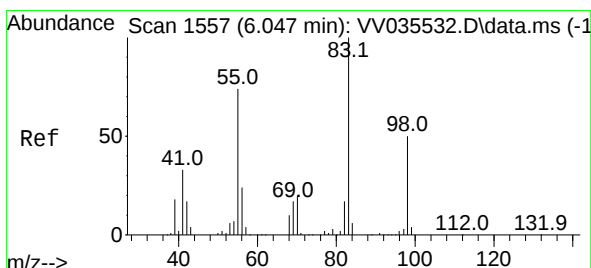
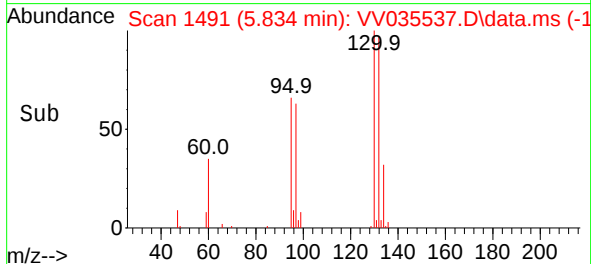
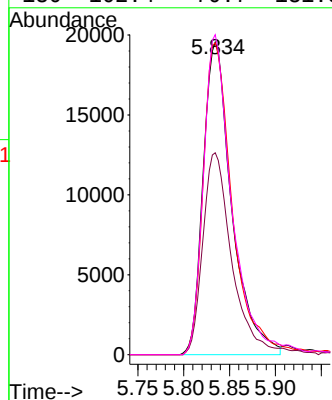
Ion Ratio Lower Upper

95 100

97 64.6 43.8 81.4

132 99.8 67.1 124.7

130 102.4 70.7 131.3



#35

Methylcyclohexane

Concen: 4.902 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

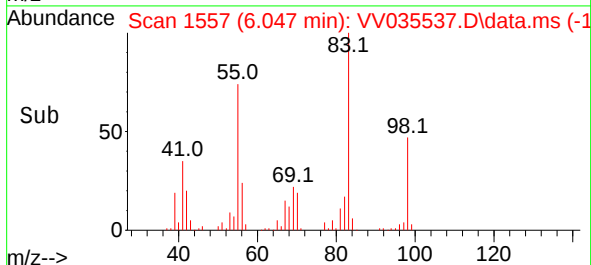
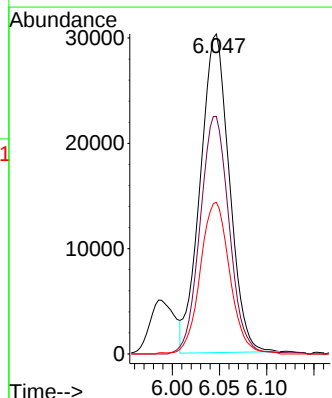
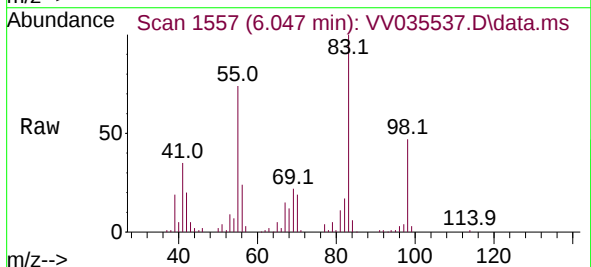
Tgt Ion: 83 Resp: 64697

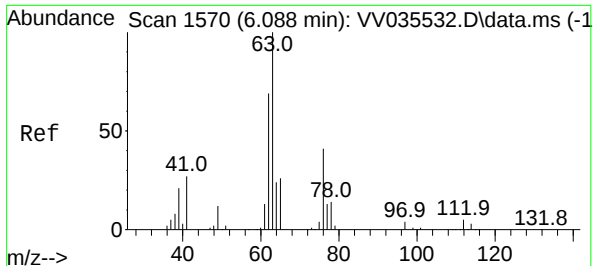
Ion Ratio Lower Upper

83 100

55 74.6 57.5 86.3

98 48.2 38.6 58.0





#37

1,2-Dichloropropane

Concen: 4.709 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

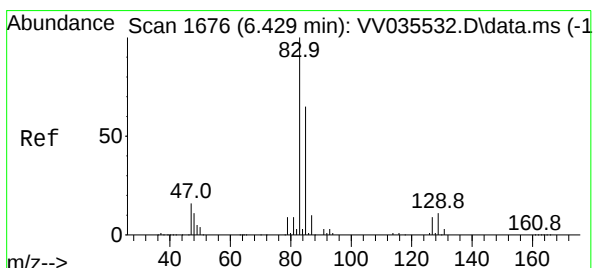
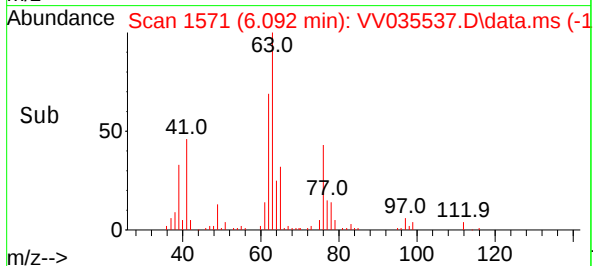
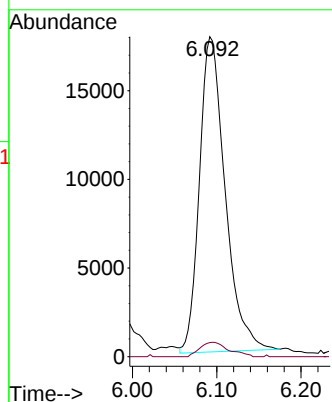
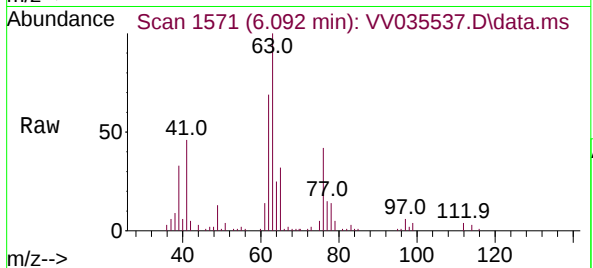
ClientSampleId :

Tgt Ion: 63 Resp: 37759

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 4.768 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

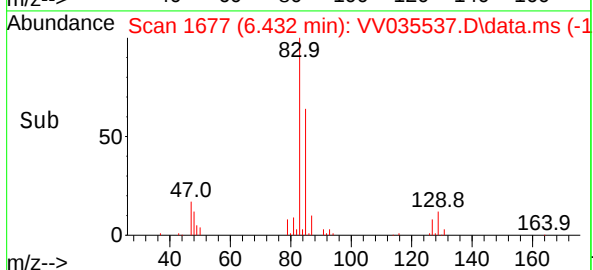
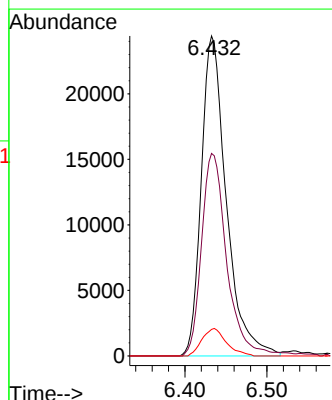
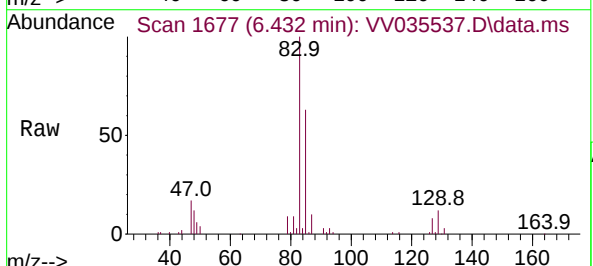
Tgt Ion: 83 Resp: 51795

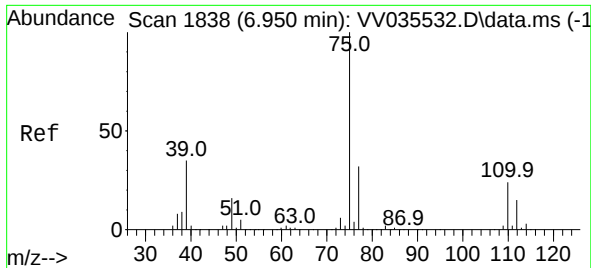
Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.9

127 8.3 7.0 10.6

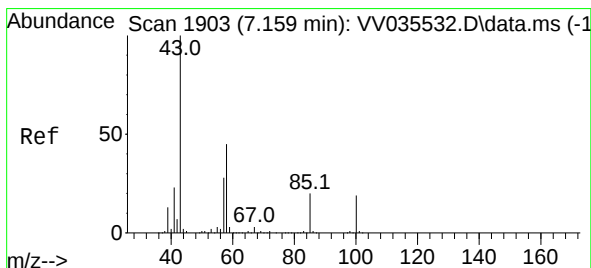
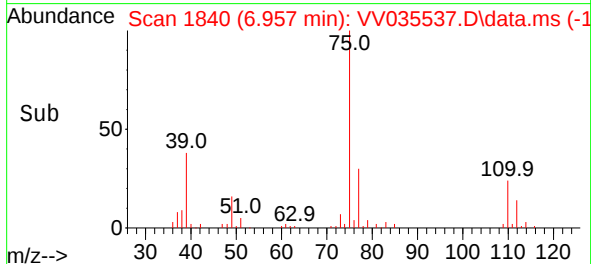
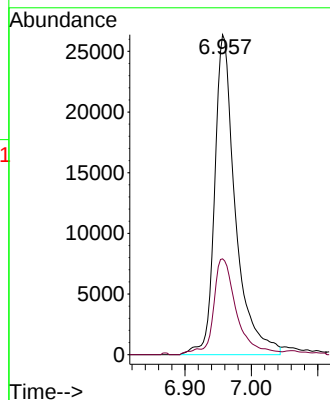
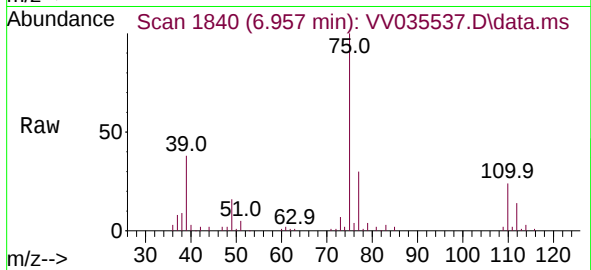




#39
cis-1,3-Dichloropropene
Concen: 4.580 ug/L
RT: 6.957 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

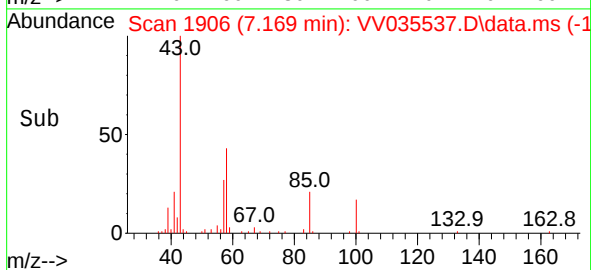
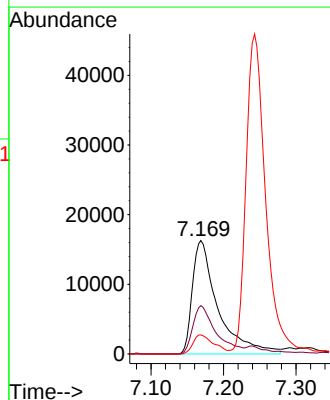
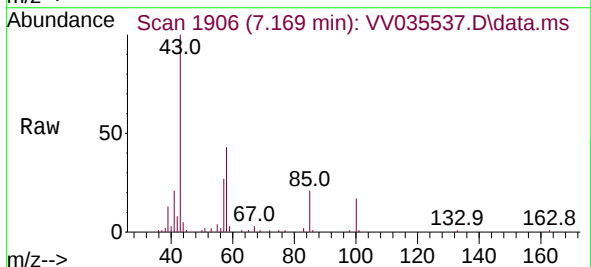
Instrument :
MSVOA_V
ClientSampleId :

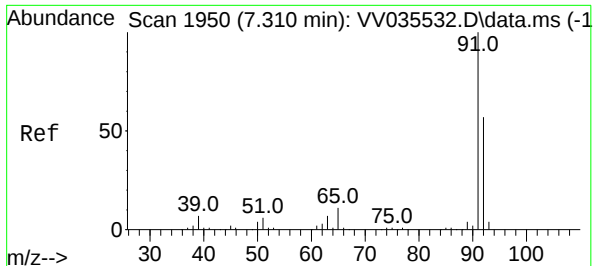
Tgt Ion: 75 Resp: 57442
Ion Ratio Lower Upper
75 100
77 29.9 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 8.431 ug/L
RT: 7.169 min Scan# 1906
Delta R.T. 0.010 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

Tgt Ion: 43 Resp: 39879
Ion Ratio Lower Upper
43 100
58 38.7 34.8 52.2
100 14.0 13.9 20.9





#42

Toluene

Concen: 4.812 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

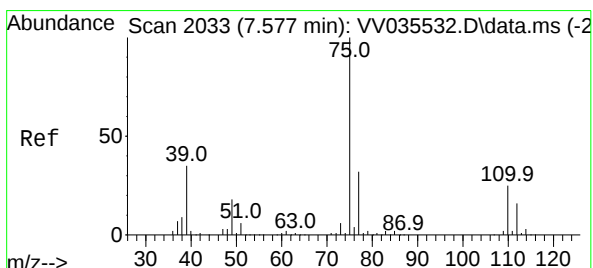
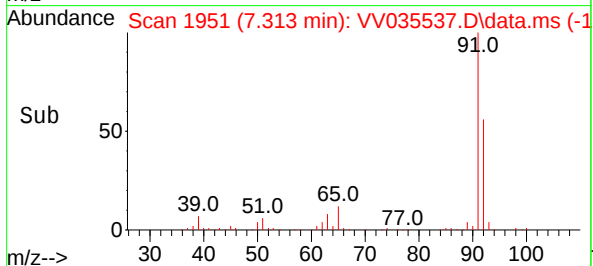
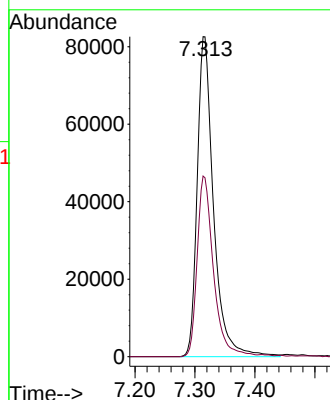
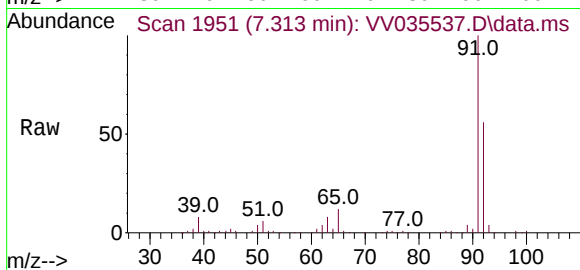
ClientSampleId :

Tgt Ion: 91 Resp: 156525

Ion Ratio Lower Upper

91 100

92 56.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.680 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.010 min

Lab File: VV035537.D

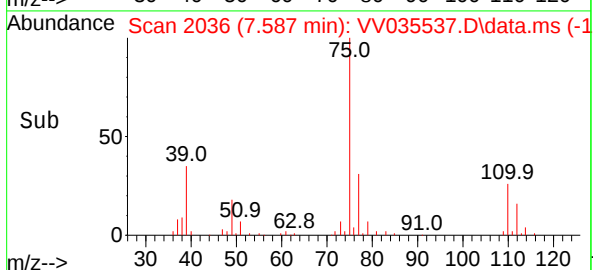
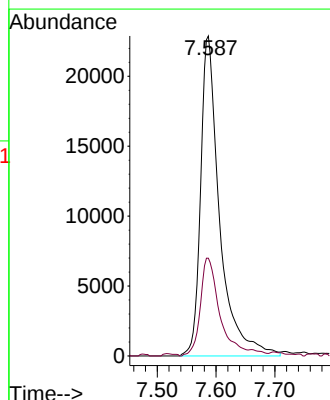
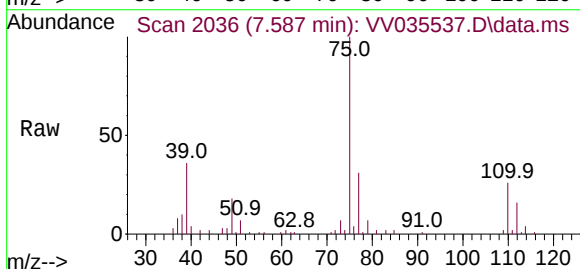
Acq: 06 May 2024 15:49

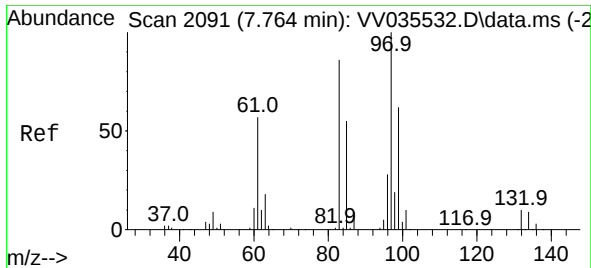
Tgt Ion: 75 Resp: 51345

Ion Ratio Lower Upper

75 100

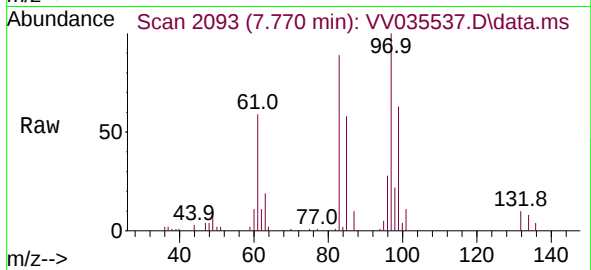
77 30.6 22.4 41.6



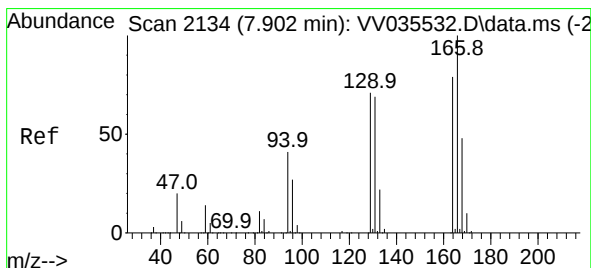
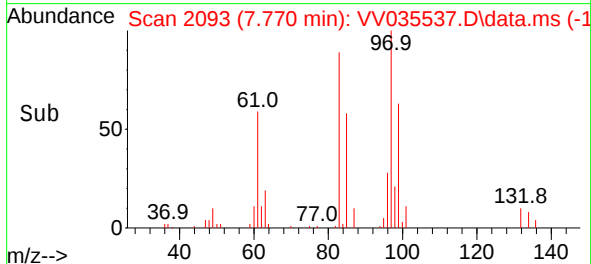
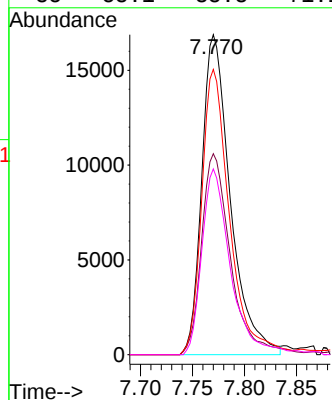


#45
1,1,2-Trichloroethane
Concen: 4.735 ug/L
RT: 7.770 min Scan# 2091
Delta R.T. 0.007 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

Instrument :
MSVOA_V
ClientSampleId :

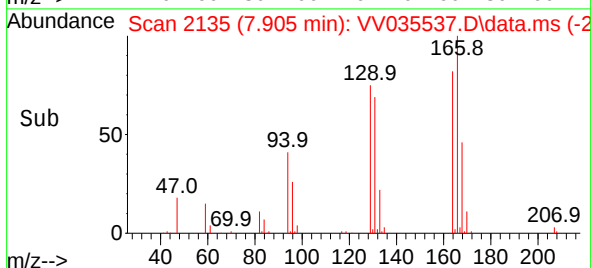
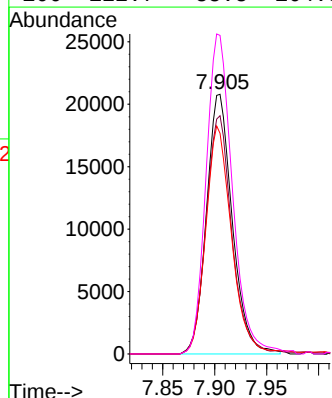
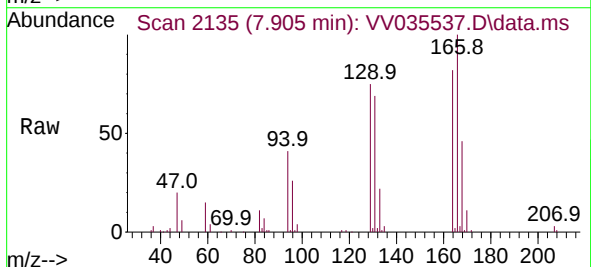


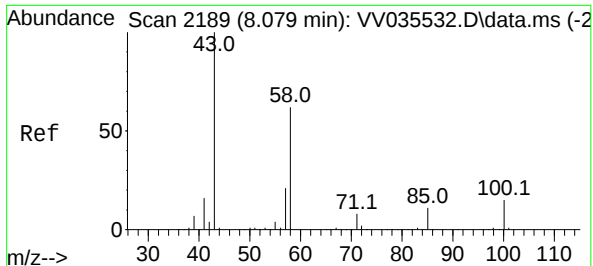
Tgt Ion:	97	Resp:	32261
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.3	80.3
83	89.1	60.3	111.9
85	58.1	38.3	71.1



#46
Tetrachloroethene
Concen: 5.101 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

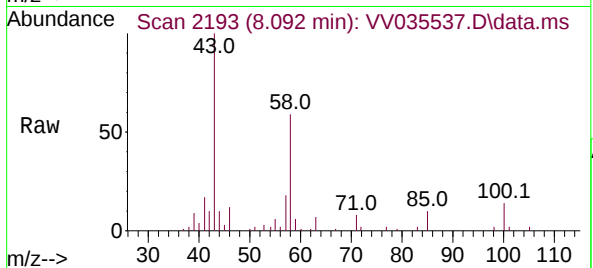
Tgt Ion:	164	Resp:	36026
Ion	Ratio	Lower	Upper
164	100		
129	91.7	63.4	117.8
131	85.0	61.0	113.4
166	122.7	88.8	164.8



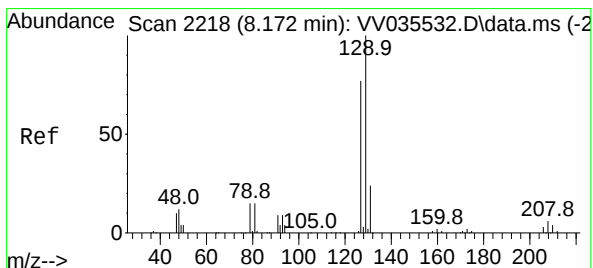
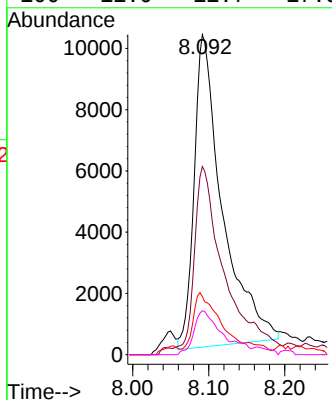
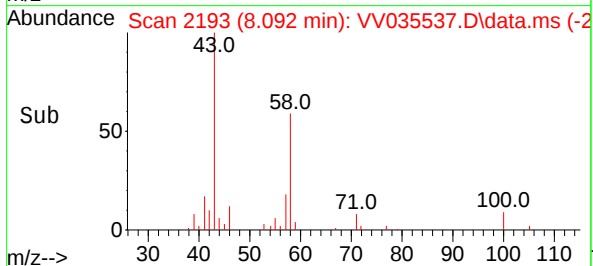


#48
2-Hexanone
Concen: 7.459 ug/L
RT: 8.092 min Scan# 2189
Delta R.T. 0.013 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

Instrument :
MSVOA_V
ClientSampleId :

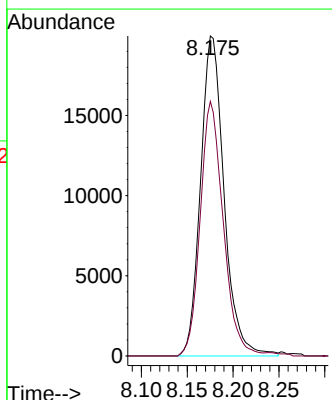
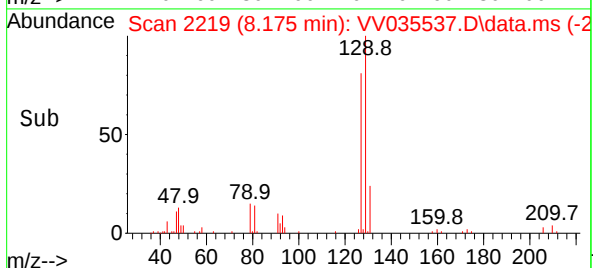
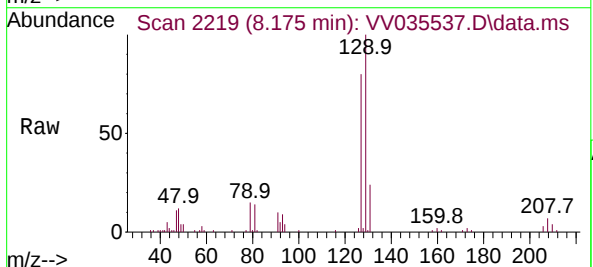


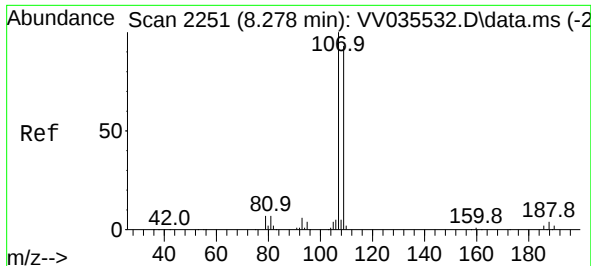
Tgt Ion: 43 Resp: 26350
Ion Ratio Lower Upper
43 100
58 54.6 48.8 73.2
57 16.7 16.9 25.3#
100 11.9 11.7 17.5



#49
Dibromochloromethane
Concen: 4.636 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

Tgt Ion: 129 Resp: 35644
Ion Ratio Lower Upper
129 100
127 79.5 53.8 99.8

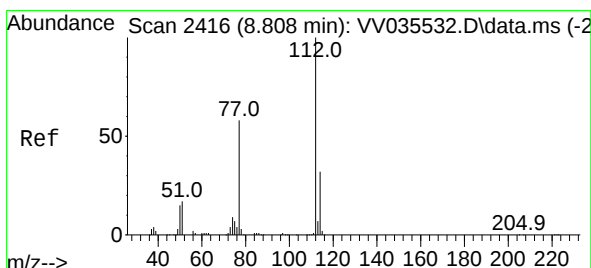
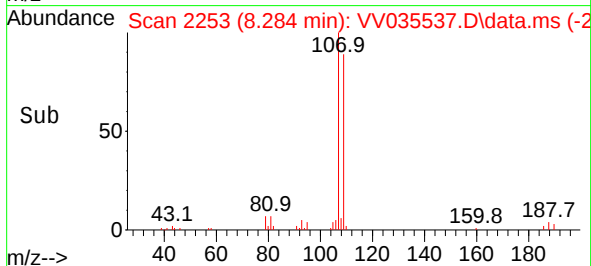
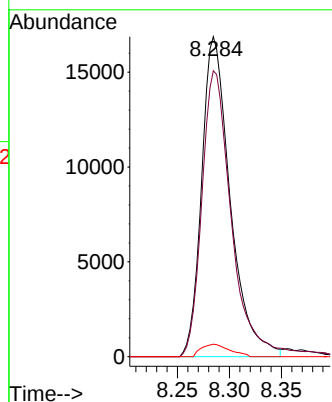
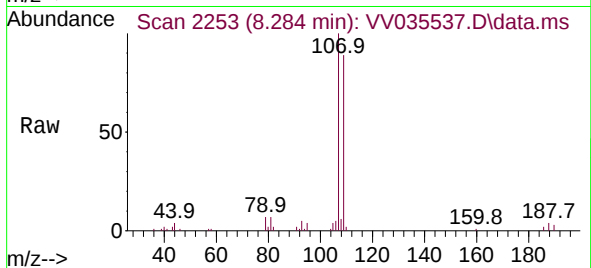




#50
1,2-Dibromoethane
Concen: 4.805 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

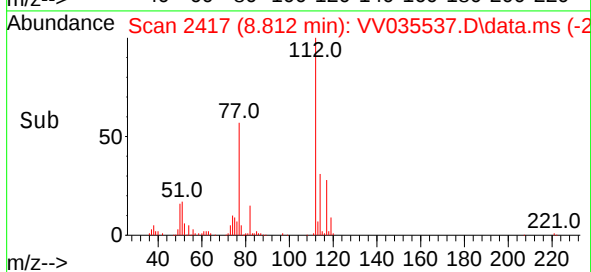
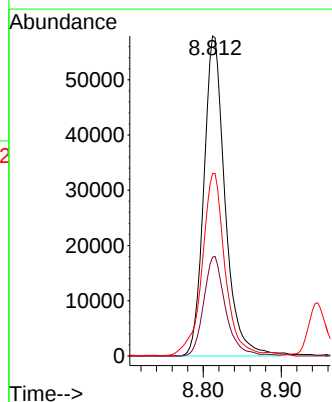
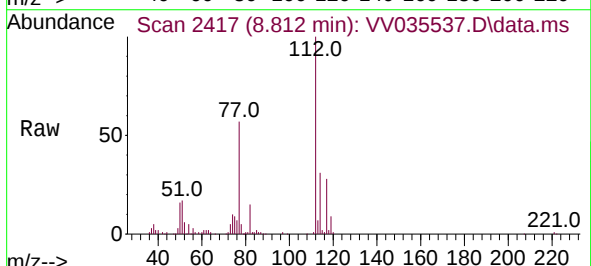
Instrument :
MSVOA_V
ClientSampleId :

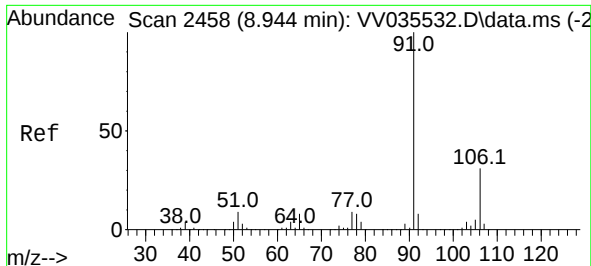
Tgt Ion:107 Resp: 32251
Ion Ratio Lower Upper
107 100
109 89.3 65.4 121.4
188 3.9 2.9 4.3



#51
Chlorobenzene
Concen: 4.848 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

Tgt Ion:112 Resp: 109412
Ion Ratio Lower Upper
112 100
114 30.8 22.5 41.7
77 57.0 46.6 69.8





#52

Ethylbenzene

Concen: 4.543 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

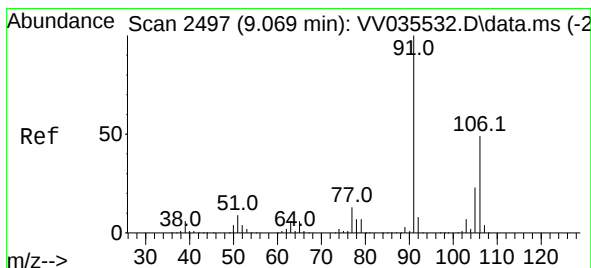
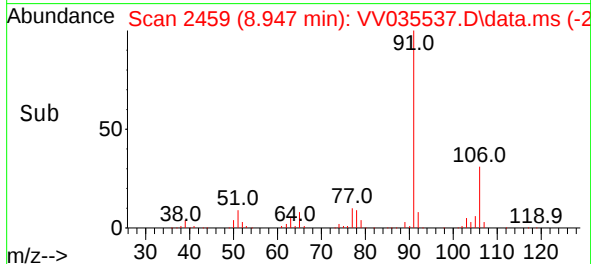
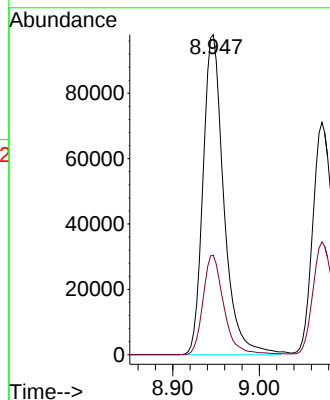
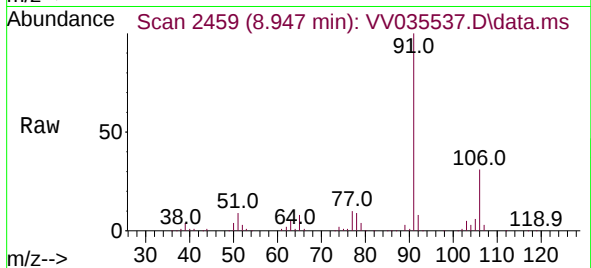
ClientSampleId :

Tgt Ion: 91 Resp: 163142

Ion Ratio Lower Upper

91 100

106 31.1 21.7 40.3



#53

m,p-Xylene

Concen: 4.468 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV035537.D

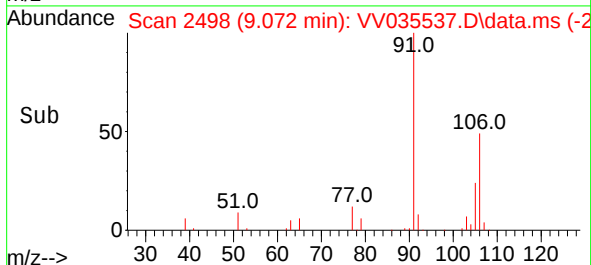
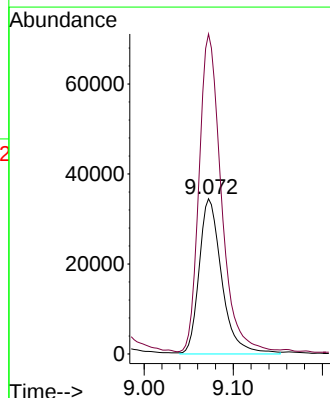
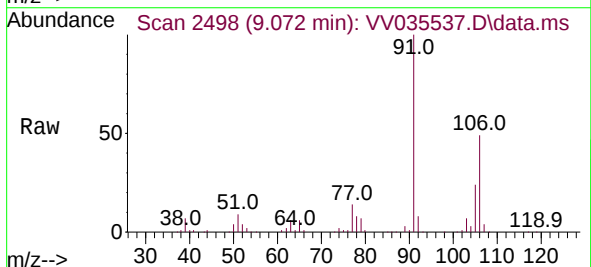
Acq: 06 May 2024 15:49

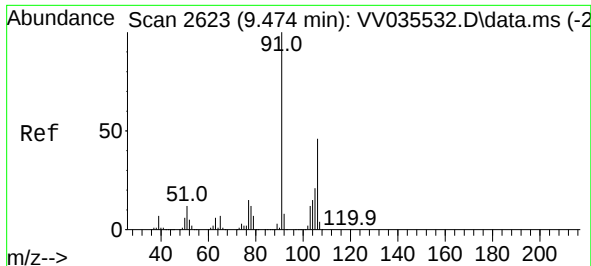
Tgt Ion:106 Resp: 60876

Ion Ratio Lower Upper

106 100

91 206.1 142.7 264.9

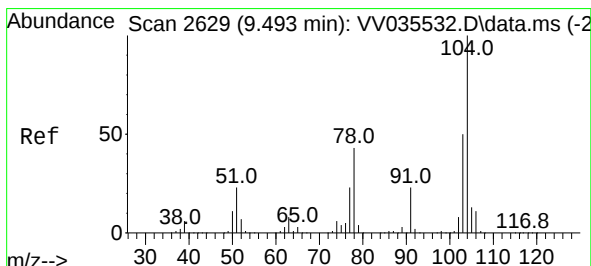
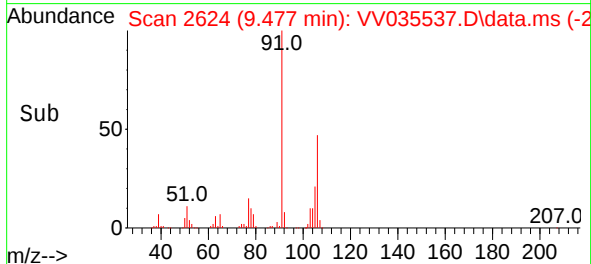
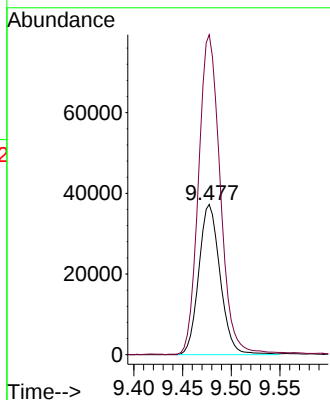
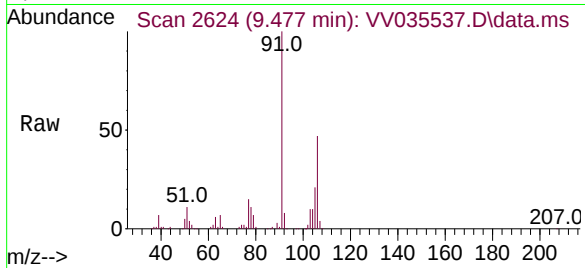




#54
o-Xylene
Concen: 4.405 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

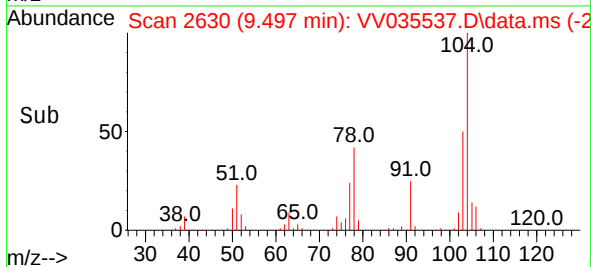
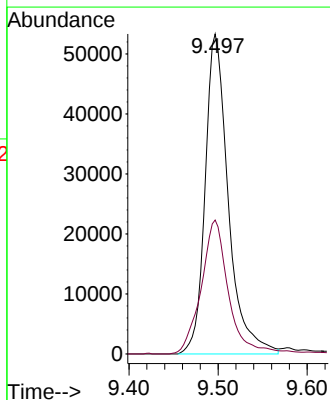
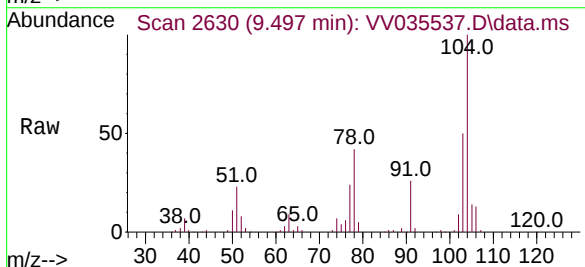
Instrument :
MSVOA_V
ClientSampleId :

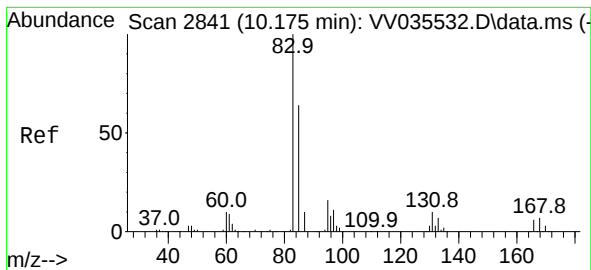
Tgt Ion:106 Resp: 56882
Ion Ratio Lower Upper
106 100
91 213.1 150.9 280.3



#55
Styrene
Concen: 4.275 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

Tgt Ion:104 Resp: 96287
Ion Ratio Lower Upper
104 100
78 41.9 30.0 55.6

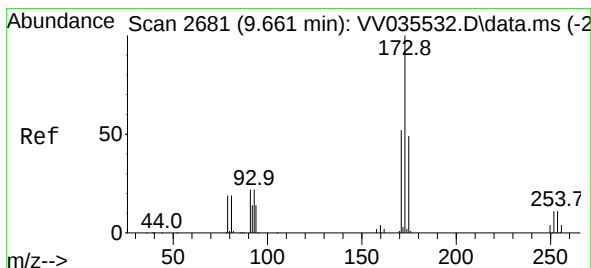
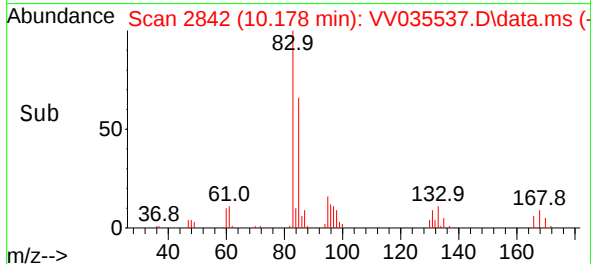
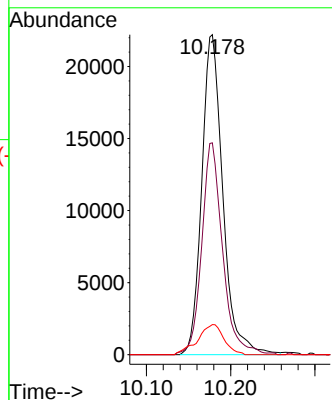
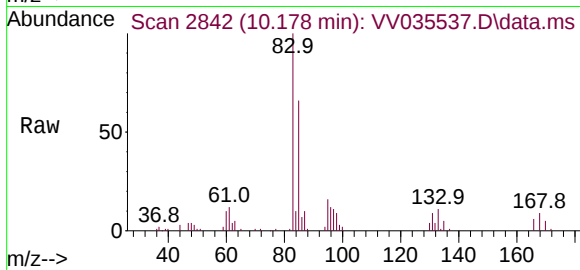




#57
1,1,2,2-Tetrachloroethane
Concen: 4.665 ug/L
RT: 10.178 min Scan# 2841
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

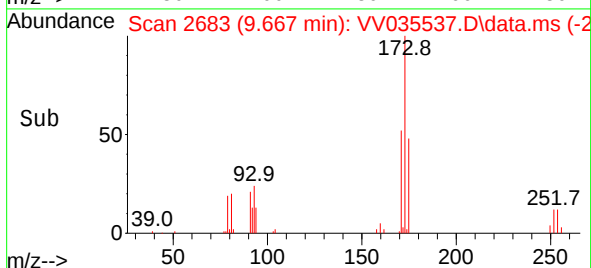
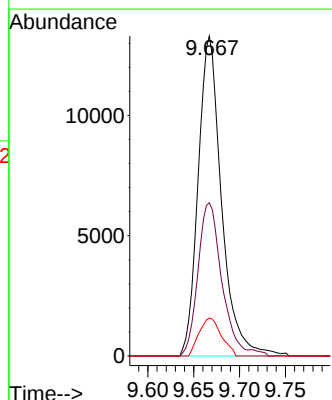
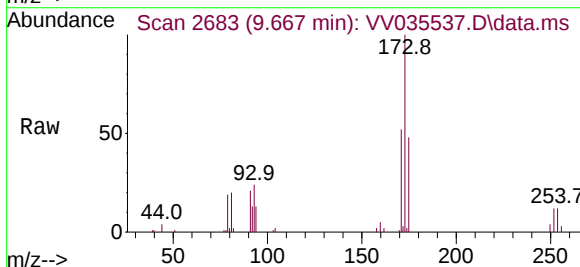
Instrument :
MSVOA_V
ClientSampleId :

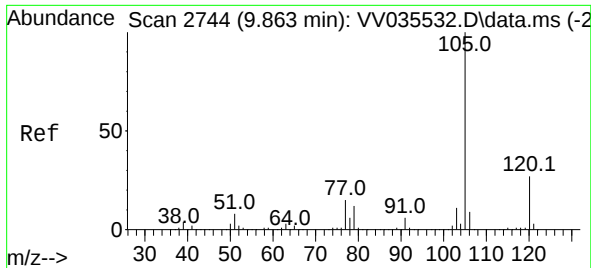
Tgt Ion: 83 Resp: 38713
Ion Ratio Lower Upper
83 100
85 66.2 44.7 83.1
131 9.4 8.0 12.0



#59
Bromoform
Concen: 4.636 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.007 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

Tgt Ion: 173 Resp: 23592
Ion Ratio Lower Upper
173 100
175 48.2 38.7 58.1
254 11.2 8.3 12.5

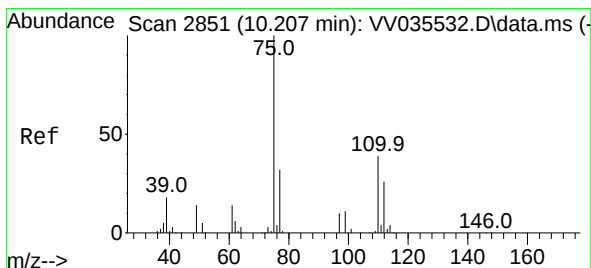
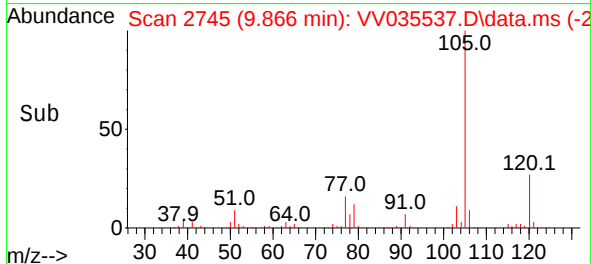
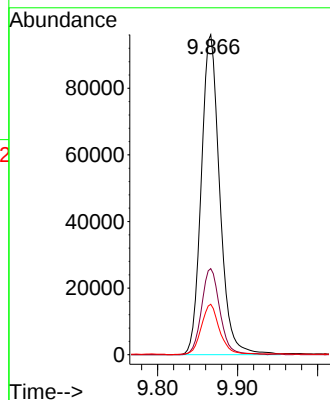
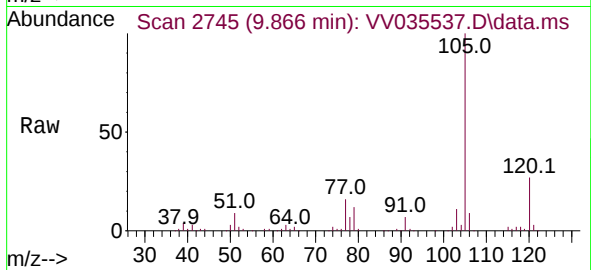




#60
Isopropylbenzene
Concen: 4.482 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

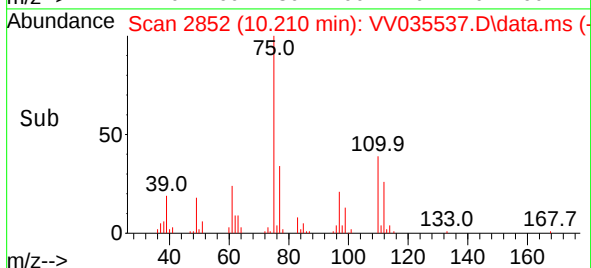
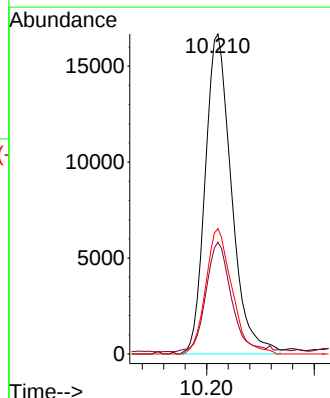
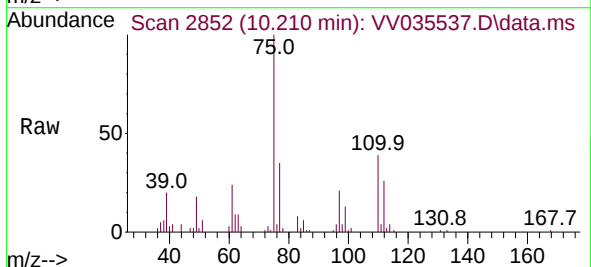
Instrument :
MSVOA_V
ClientSampleId :

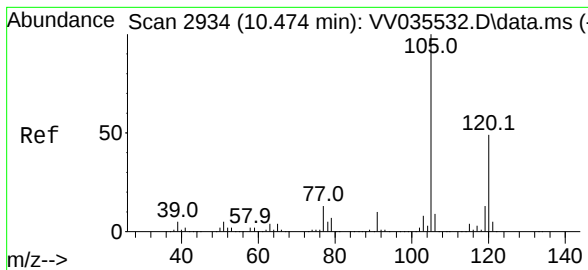
Tgt Ion:105 Resp: 154592
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.672 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

Tgt Ion: 75 Resp: 28347
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
110 39.1 31.8 47.8

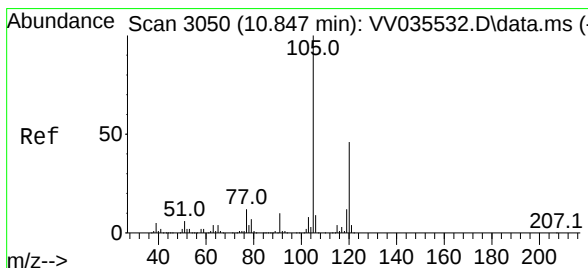
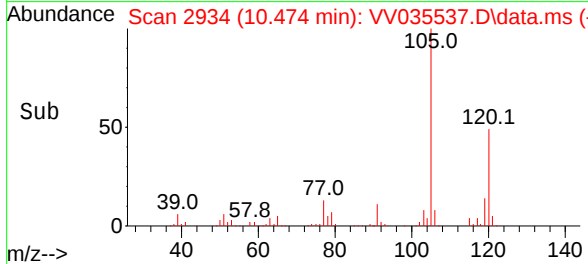
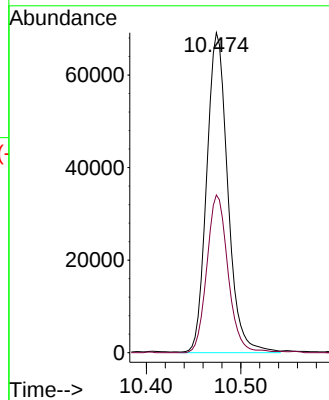
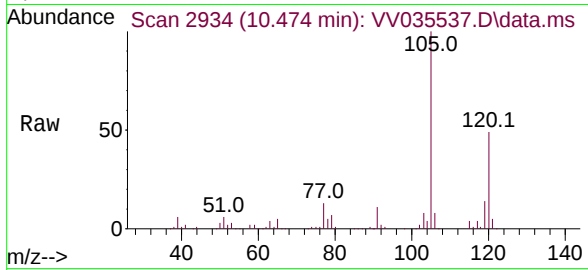




#62
 1,3,5-Trimethylbenzene
 Concen: 3.966 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV035537.D
 Acq: 06 May 2024 15:49

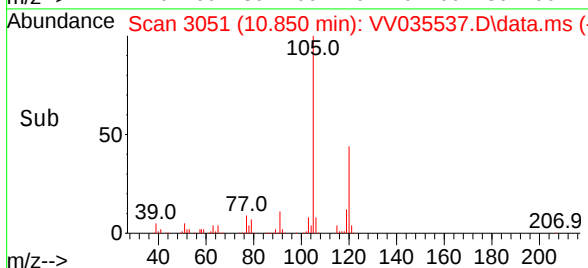
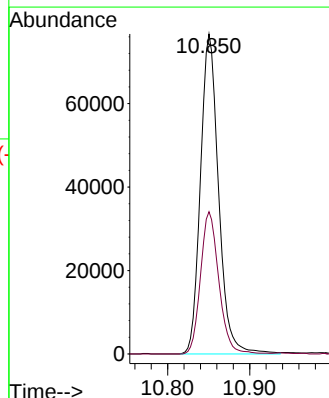
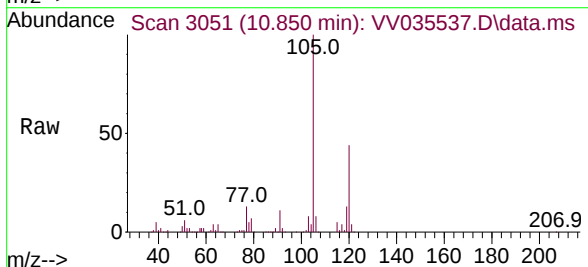
Instrument :
 MSVOA_V
 ClientSampleId :

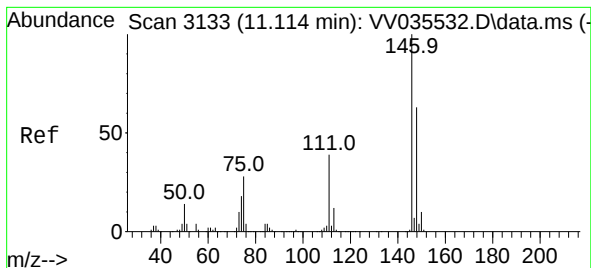
Tgt Ion:105 Resp: 107322
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.4 59.0



#63
 1,2,4-Trimethylbenzene
 Concen: 4.230 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.003 min
 Lab File: VV035537.D
 Acq: 06 May 2024 15:49

Tgt Ion:105 Resp: 117616
 Ion Ratio Lower Upper
 105 100
 120 44.8 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 4.772 ug/L

RT: 11.117 min Scan# 3133

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

ClientSampleId :

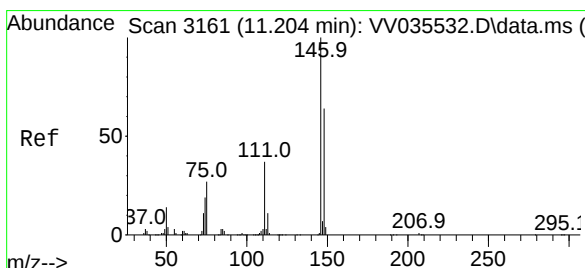
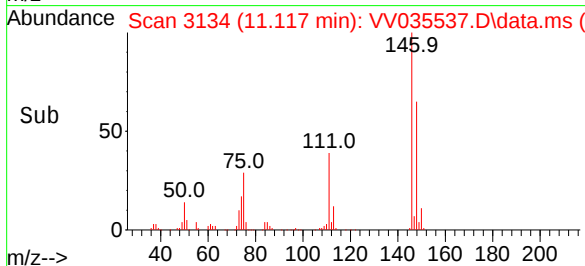
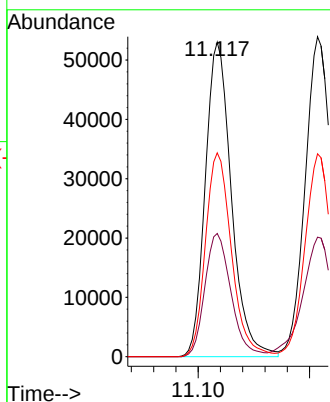
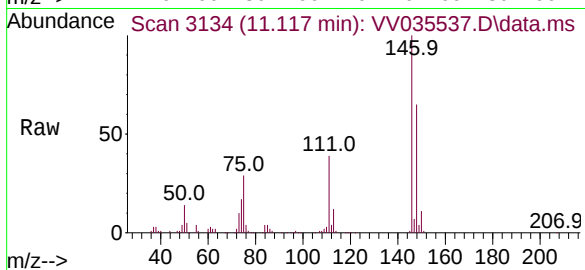
Tgt Ion:146 Resp: 86382

Ion Ratio Lower Upper

146 100

111 39.2 27.0 50.2

148 64.8 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 4.972 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

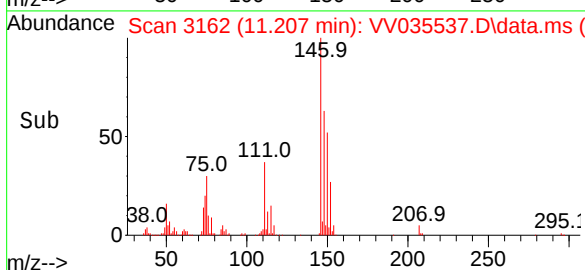
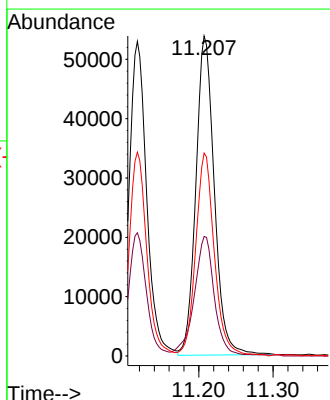
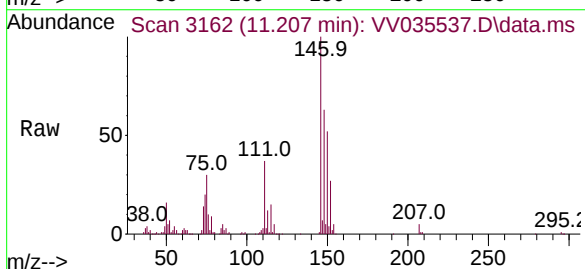
Tgt Ion:146 Resp: 93172

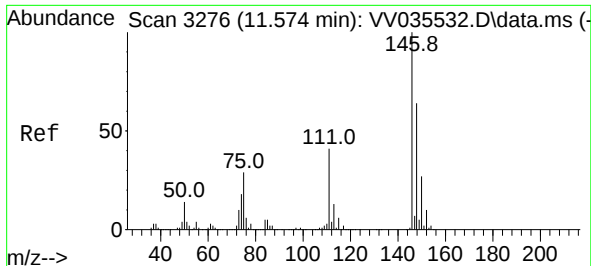
Ion Ratio Lower Upper

146 100

111 37.4 26.2 48.6

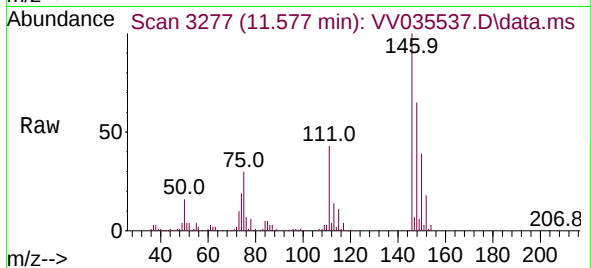
148 63.4 44.9 83.3



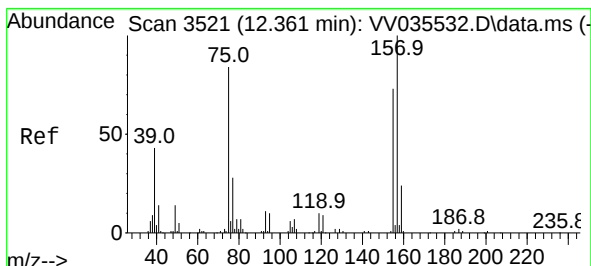
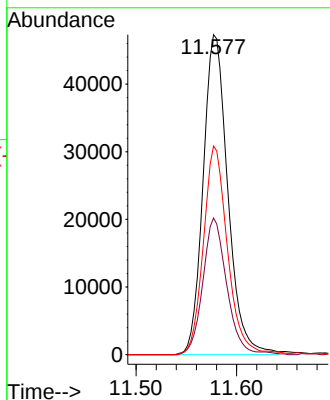
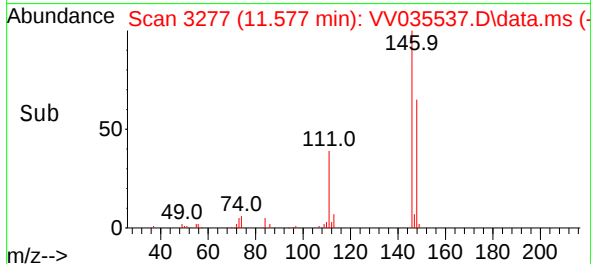


#67
1,2-Dichlorobenzene
Concen: 4.742 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49

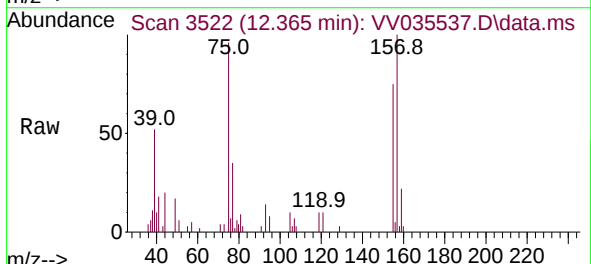
Instrument :
MSVOA_V
ClientSampleId :



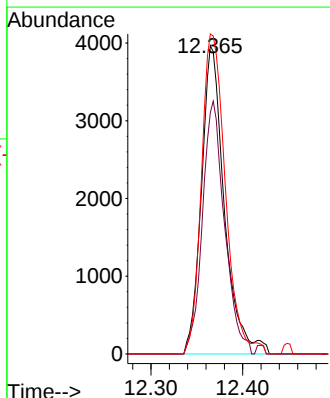
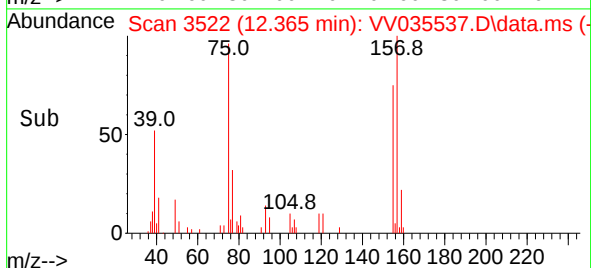
Tgt Ion:146 Resp: 80800
Ion Ratio Lower Upper
146 100
111 42.7 32.6 48.8
148 65.2 51.1 76.7

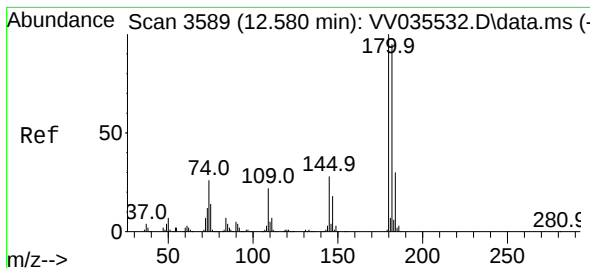


#68
1,2-Dibromo-3-chloropropane
Concen: 4.897 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.003 min
Lab File: VV035537.D
Acq: 06 May 2024 15:49



Tgt Ion: 75 Resp: 6891
Ion Ratio Lower Upper
75 100
155 78.3 69.8 104.6
157 103.8 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 4.618 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

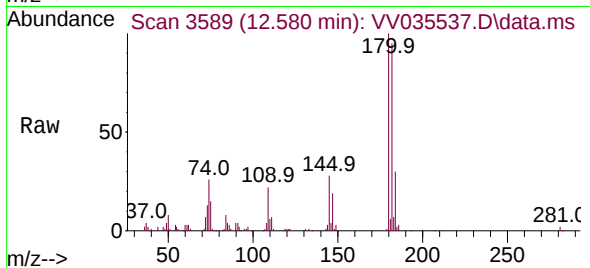
Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 65315

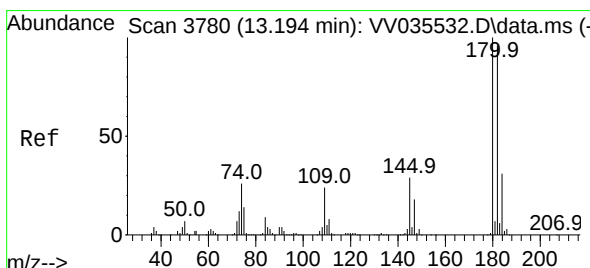
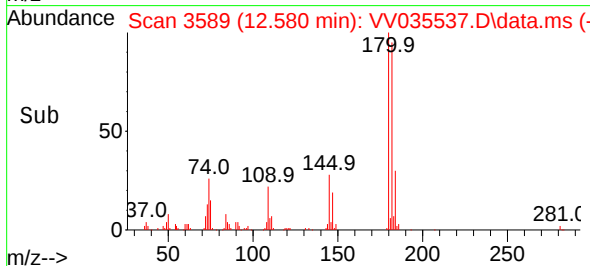
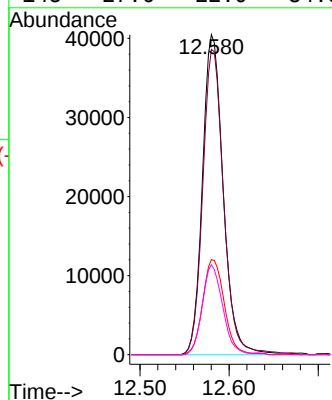
Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.2

184 31.0 24.1 36.1

145 27.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.503 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

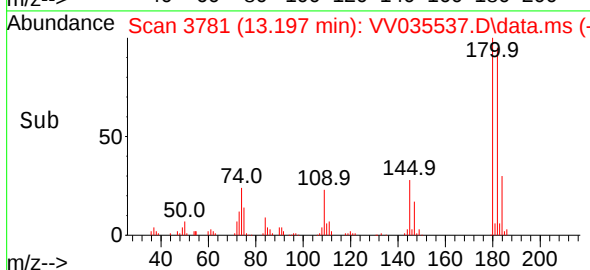
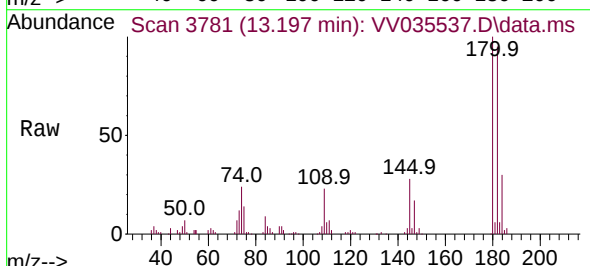
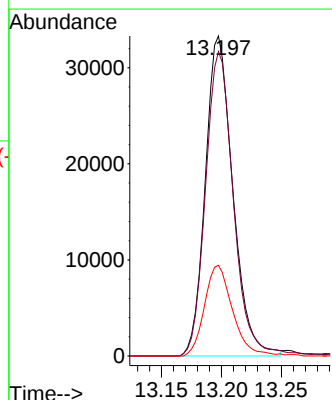
Tgt Ion:180 Resp: 53183

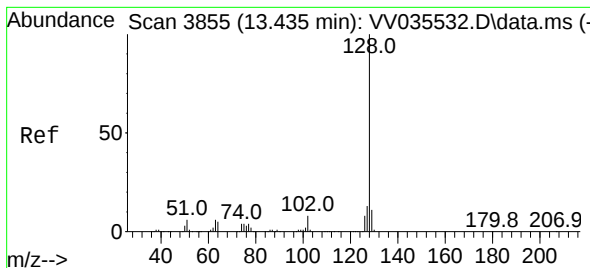
Ion Ratio Lower Upper

180 100

182 95.9 76.6 114.8

145 28.7 23.2 34.8





#71

Naphthalene

Concen: 4.090 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.007 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Instrument :

MSVOA_V

ClientSampleId :

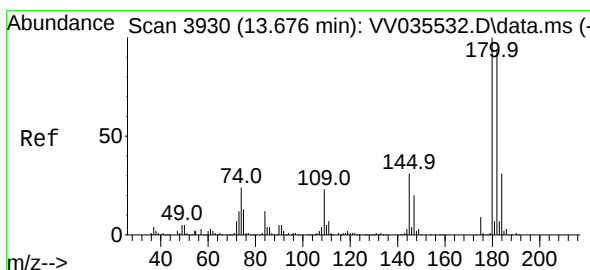
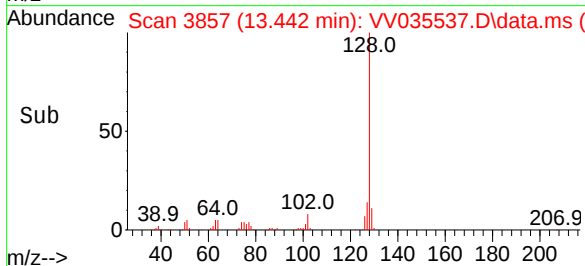
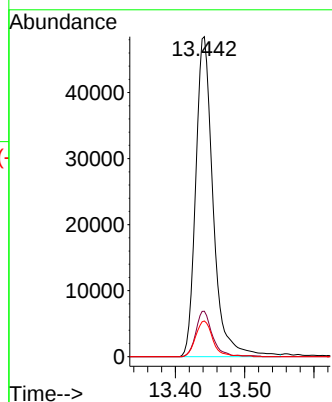
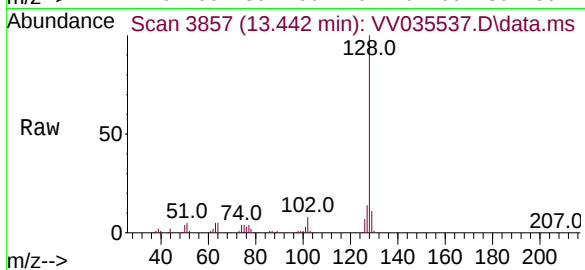
Tgt Ion:128 Resp: 84813

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.458 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035537.D

Acq: 06 May 2024 15:49

Tgt Ion:180 Resp: 47372

Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

145 31.5 25.2 37.8

