

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037142.D
 Acq On : 29 Aug 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 23:33:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 04:43:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	572131	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	558289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	288520	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	229038	43.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.520%
7) Chloroethane-d5	1.529	69	189807	46.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.860%
11) 1,1-Dichloroethene-d2	2.057	65	101488	46.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.280%
21) 2-Butanone-d5	3.790	46	190038	93.766	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.770%
24) Chloroform-d	4.240	84	418289	51.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.140%
26) 1,2-Dichloroethane-d4	4.934	65	254447	49.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.660%
32) Benzene-d6	4.950	84	810728	48.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
36) 1,2-Dichloropropane-d6	5.982	67	255311	48.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.680%
41) Toluene-d8	7.236	98	734003	48.231	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.460%
43) trans-1,3-Dichloroprop...	7.548	79	114800	46.982	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.960%
47) 2-Hexanone-d5	8.021	63	145122	100.679	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.680%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323166	50.451	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.900%
66) 1,2-Dichlorobenzene-d4	11.555	152	276470	47.845	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	249789	51.665	ug/L	100
3) Chloromethane	1.217	50	245251	45.106	ug/L	99
5) Vinyl chloride	1.282	62	264302	51.780	ug/L	99
6) Bromomethane	1.487	94	150002	52.446	ug/L	100
8) Chloroethane	1.549	64	168392	53.935	ug/L	100
9) Trichlorofluoromethane	1.712	101	350814	52.666	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	214176	54.059	ug/L	98
12) 1,1-Dichloroethene	2.066	96	196471	52.636	ug/L	92
13) Acetone	2.111	43	186624	85.859	ug/L	99
14) Carbon disulfide	2.237	76	561232	49.528	ug/L	99
15) Methyl Acetate	2.368	43	189924	52.118	ug/L	99
16) Methylene chloride	2.442	84	222044	52.724	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	206386	53.262	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	638535	52.384	ug/L	100
19) 1,1-Dichloroethane	3.101	63	411548	53.480	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	219664	51.302	ug/L	100
22) 2-Butanone	3.870	43	217789	91.004	ug/L	99
23) Bromochloromethane	4.137	128	110484	52.564	ug/L	97
25) Chloroform	4.269	83	399714	51.289	ug/L	99

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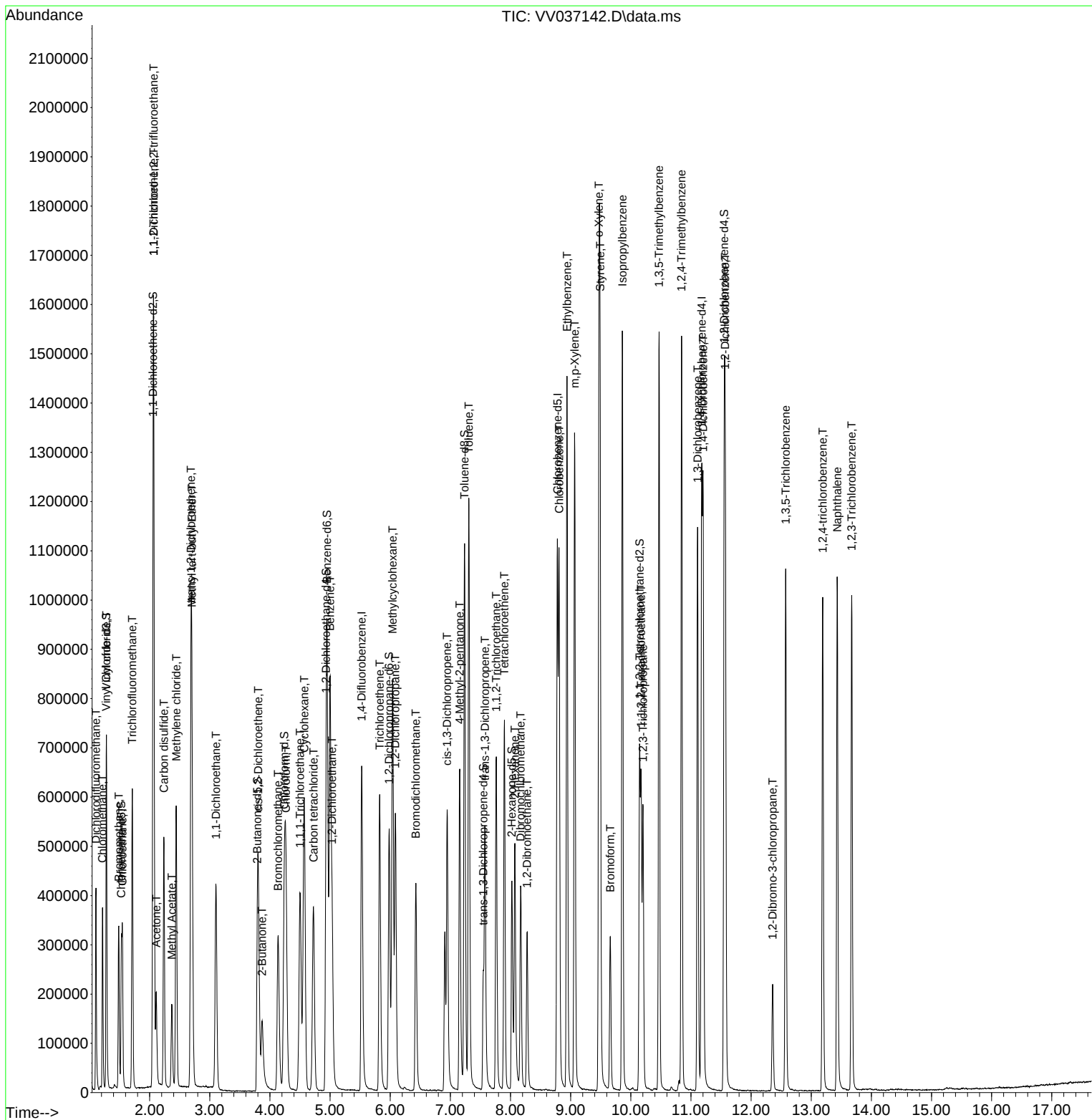
Instrument :
 MSVOA_V
 ClientSampleId :

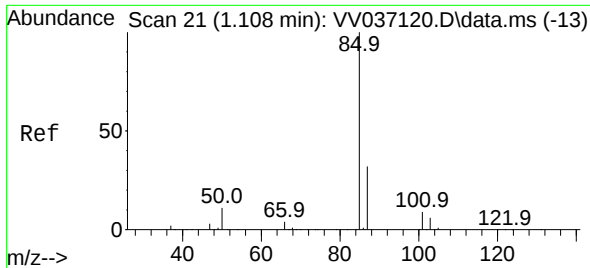
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	297652	52.066	ug/L	98
29) Cyclohexane	4.571	56	327942	49.959	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	335887	52.287	ug/L	99
31) Carbon tetrachloride	4.725	117	283465	52.295	ug/L	99
33) Benzene	5.002	78	841316	52.217	ug/L	100
34) Trichloroethene	5.825	95	218113	51.289	ug/L	99
35) Methylcyclohexane	6.040	83	348482	50.436	ug/L	99
37) 1,2-Dichloropropane	6.085	63	221208	51.212	ug/L	100
38) Bromodichloromethane	6.426	83	283303	51.173	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	339417	49.794	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	436376	99.372	ug/L	100
42) Toluene	7.307	91	881586	52.553	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	315709	51.817	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	210559	52.366	ug/L	98
46) Tetrachloroethene	7.899	164	159360	52.228	ug/L	97
48) 2-Hexanone	8.072	43	317478	93.481	ug/L	99
49) Dibromochloromethane	8.169	129	208149	51.699	ug/L	100
50) 1,2-Dibromoethane	8.275	107	213612	52.500	ug/L	99
51) Chlorobenzene	8.809	112	573599	51.648	ug/L	98
52) Ethylbenzene	8.940	91	993559	52.435	ug/L	99
53) m,p-Xylene	9.066	106	369081	52.571	ug/L	99
54) o-Xylene	9.471	106	355760	51.755	ug/L	99
55) Styrene	9.490	104	636675	53.379	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	307147	51.577	ug/L	100
59) Bromoform	9.661	173	131089	48.793	ug/L	99
60) Isopropylbenzene	9.860	105	971066	51.916	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	227760	50.746	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	791128	51.697	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	794308	52.011	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	435806	50.458	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	457936	51.803	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	435322	51.260	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	52873	47.237	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	298986	49.750	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	282786	49.971	ug/L	99
71) Naphthalene	13.432	128	804683	49.243	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	278166	49.879	ug/L	98

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

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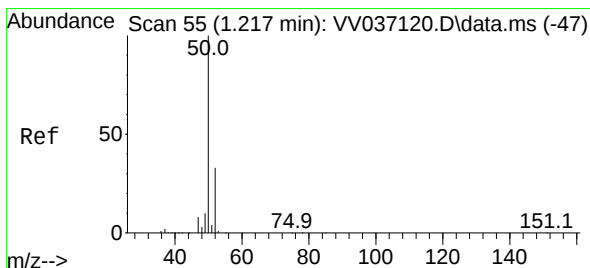
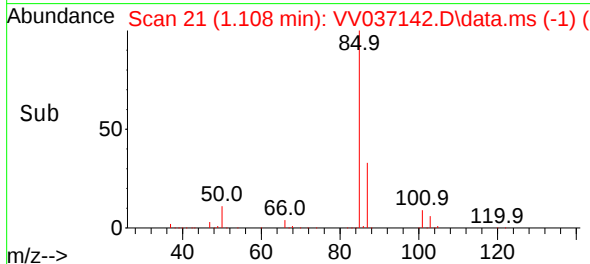
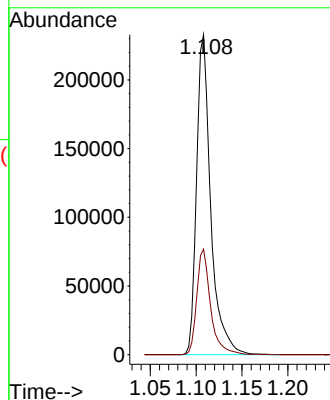
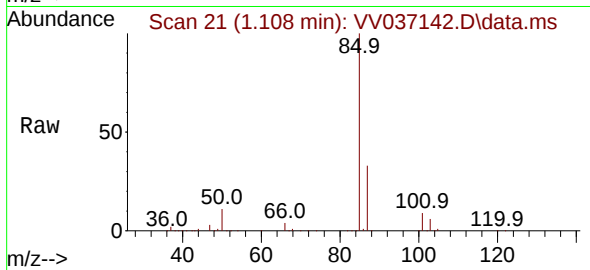




#2
 Dichlorodifluoromethane
 Concen: 51.665 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037142.D
 Acq: 29 Aug 2024 08:49

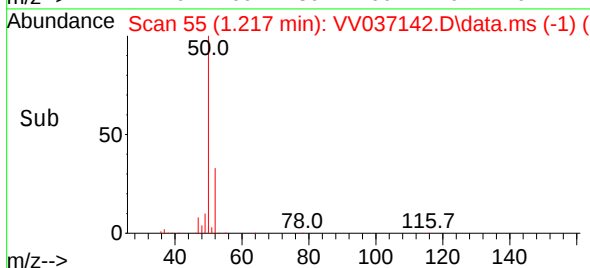
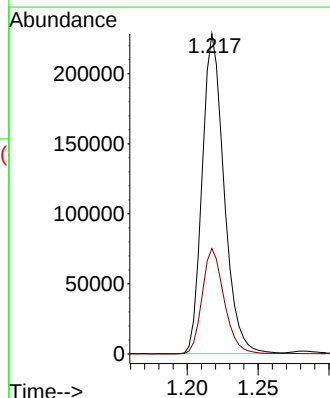
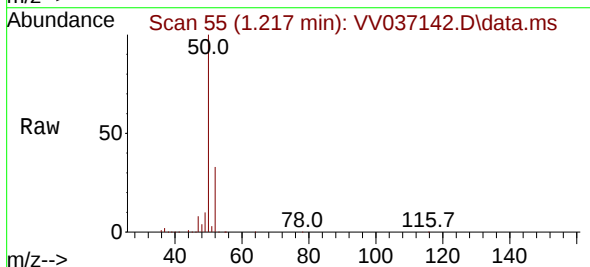
Instrument :
 MSVOA_V
 ClientSampleId :

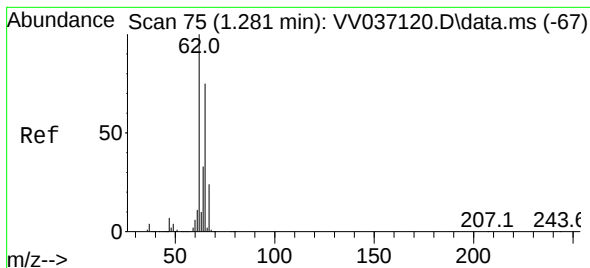
Tgt Ion: 85 Resp: 249789
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.9 38.9



#3
 Chloromethane
 Concen: 45.106 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037142.D
 Acq: 29 Aug 2024 08:49

Tgt Ion: 50 Resp: 245251
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.9





#5

Vinyl chloride

Concen: 51.780 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

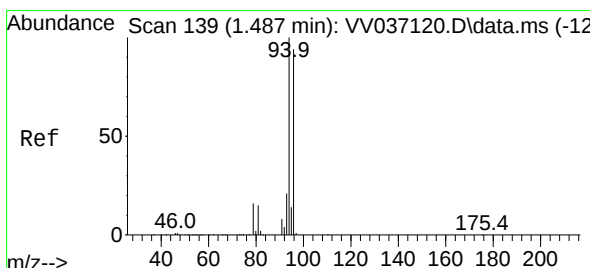
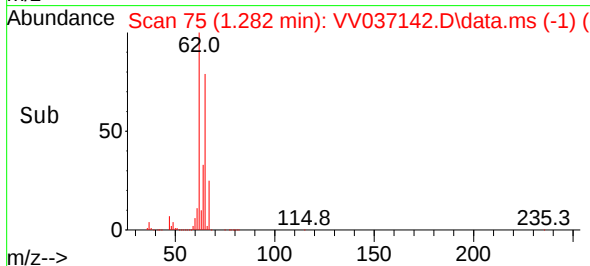
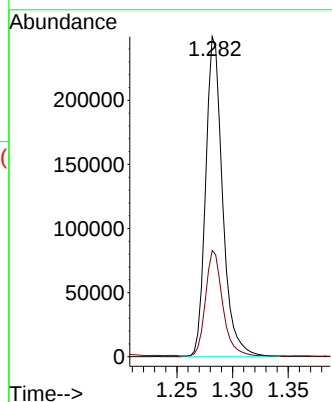
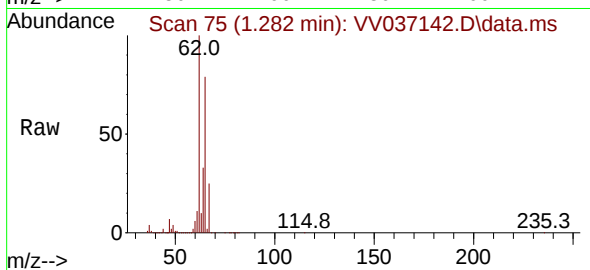
ClientSampleId :

Tgt Ion: 62 Resp: 264302

Ion Ratio Lower Upper

62 100

64 33.1 22.8 42.4



#6

Bromomethane

Concen: 52.446 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037142.D

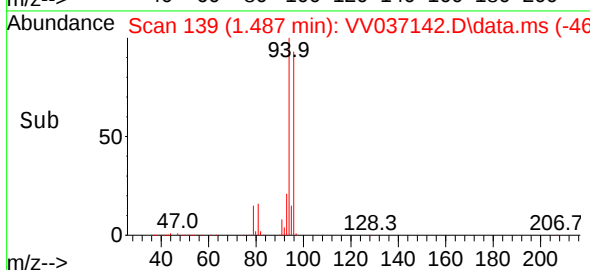
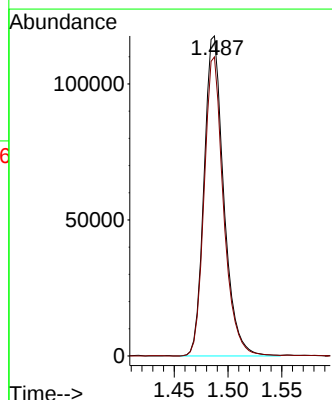
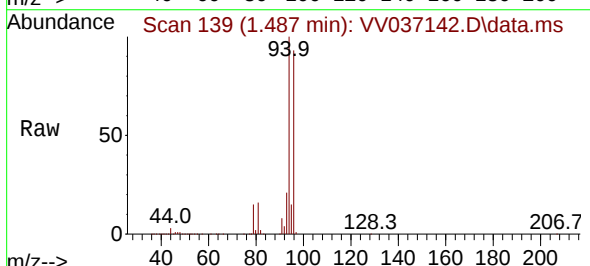
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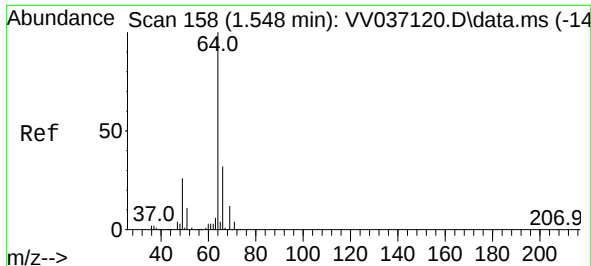
Tgt Ion: 94 Resp: 150002

Ion Ratio Lower Upper

94 100

96 93.5 65.6 121.8

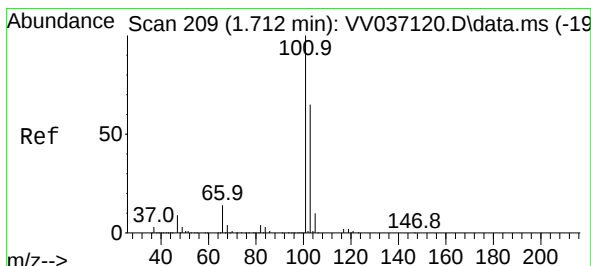
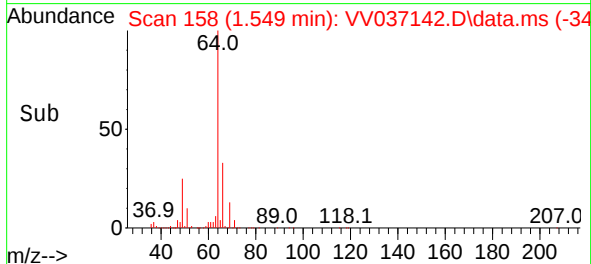
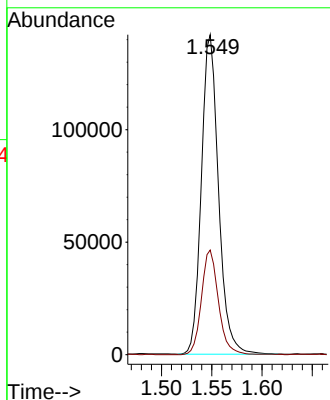
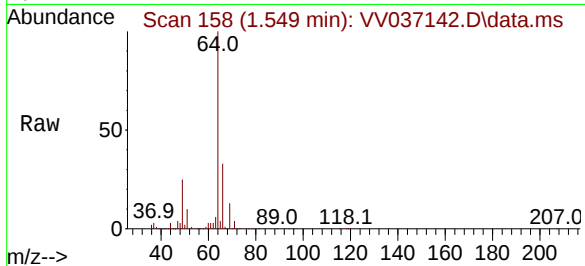




#8
Chloroethane
Concen: 53.935 ug/L
RT: 1.549 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

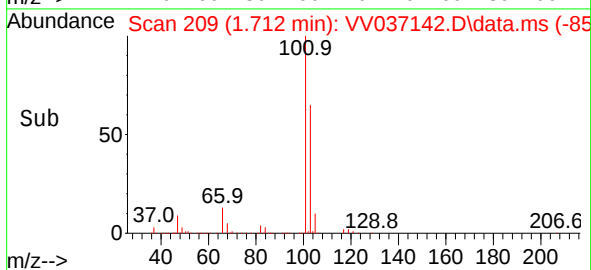
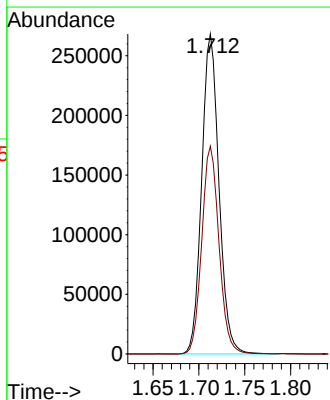
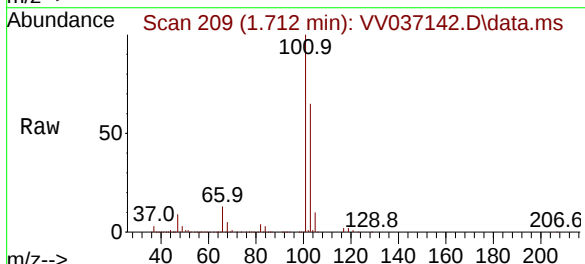
Instrument :
MSVOA_V
ClientSampleId :

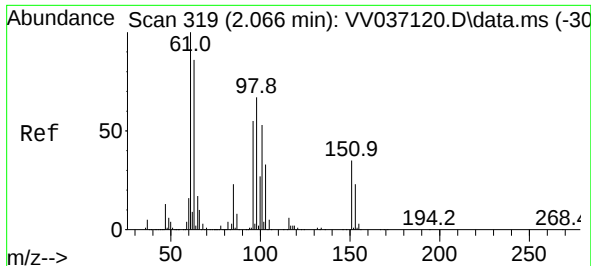
Tgt Ion: 64 Resp: 168392
Ion Ratio Lower Upper
64 100
66 32.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 52.666 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

Tgt Ion:101 Resp: 350814
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

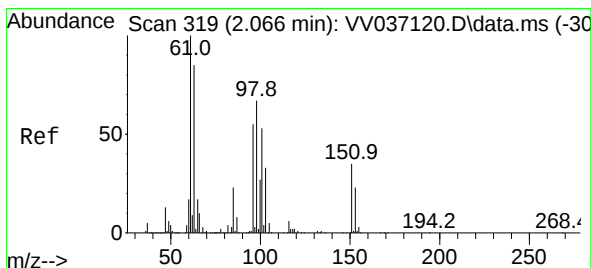
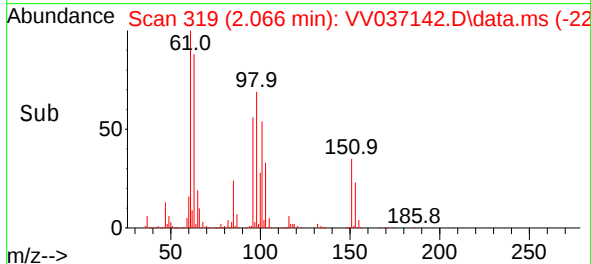
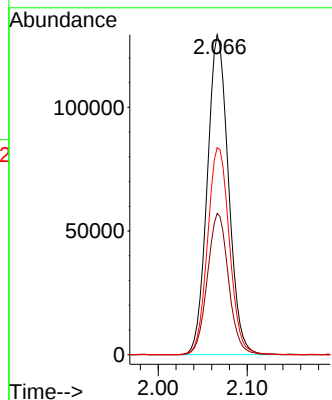
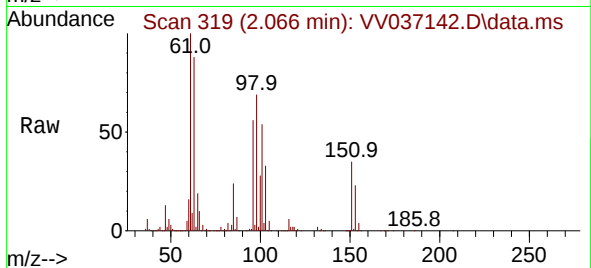




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.059 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037142.D
 Acq: 29 Aug 2024 08:49

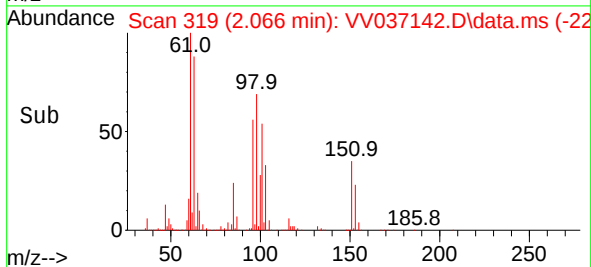
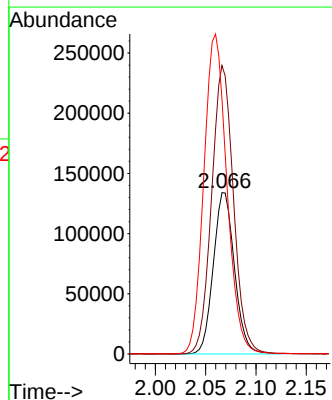
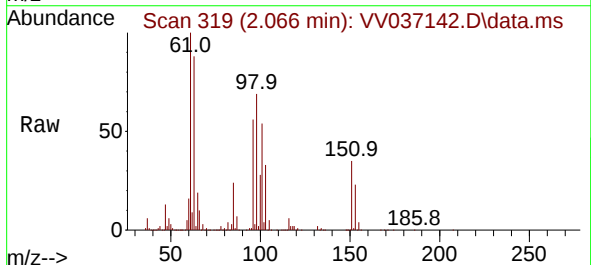
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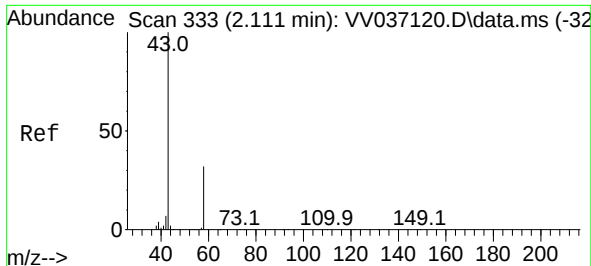
Tgt Ion:101 Resp: 214176
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.6 53.4
 151 66.7 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 52.636 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037142.D
 Acq: 29 Aug 2024 08:49

Tgt Ion: 96 Resp: 196471
 Ion Ratio Lower Upper
 96 100
 61 178.9 123.8 229.8
 63 158.1 96.5 179.1





#13

Acetone

Concen: 85.859 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

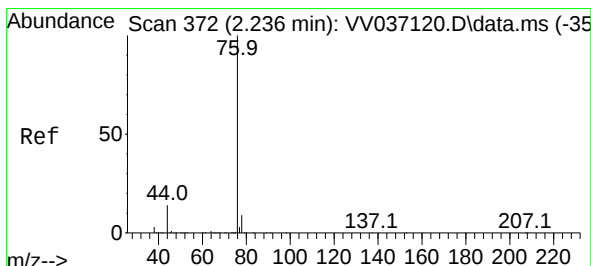
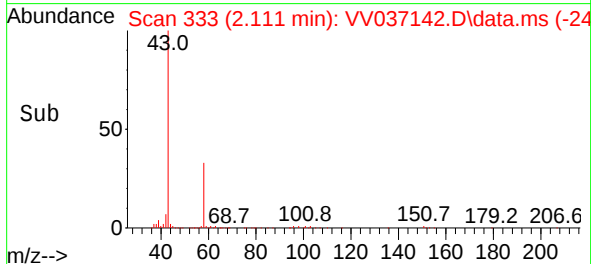
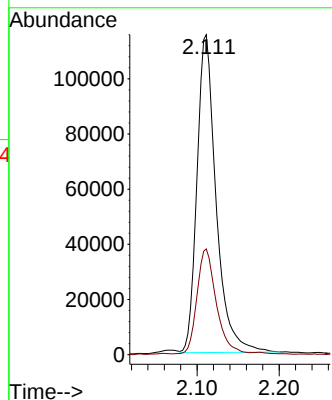
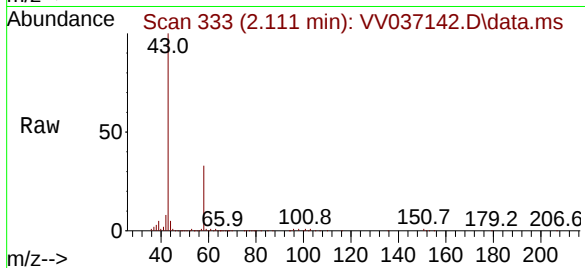
ClientSampleId :

Tgt Ion: 43 Resp: 186624

Ion Ratio Lower Upper

43 100

58 33.0 0.0 64.8



#14

Carbon disulfide

Concen: 49.528 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037142.D

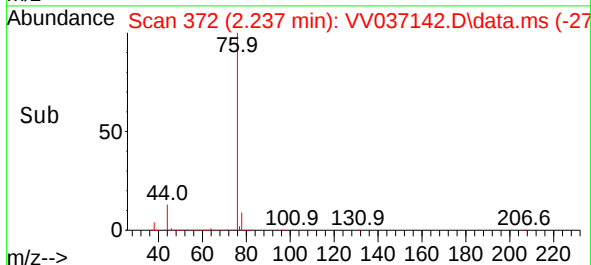
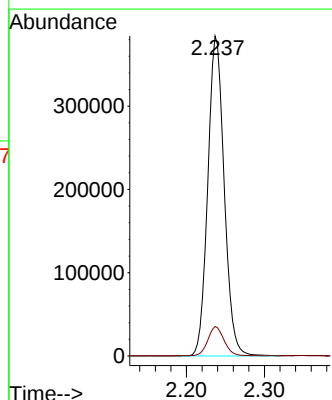
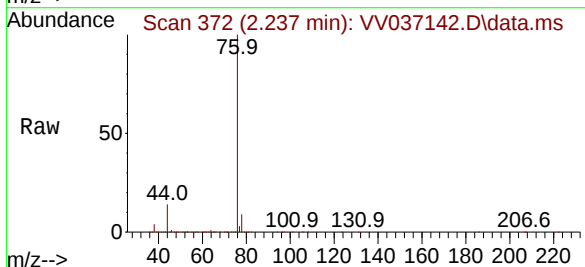
Acq: 29 Aug 2024 08:49

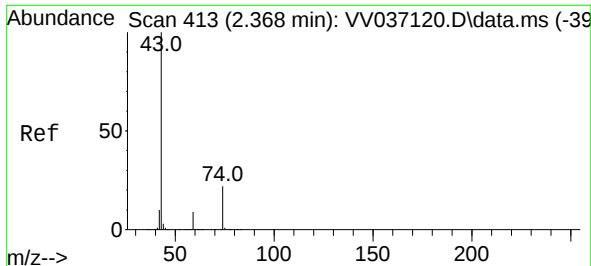
Tgt Ion: 76 Resp: 561232

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 52.118 ug/L

RT: 2.368 min Scan# 413

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

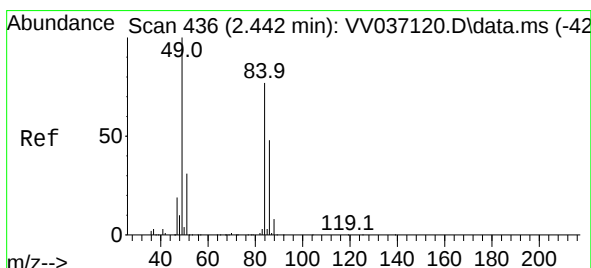
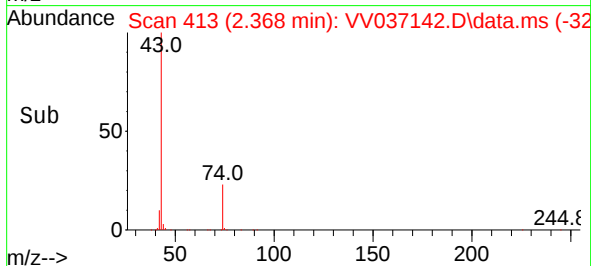
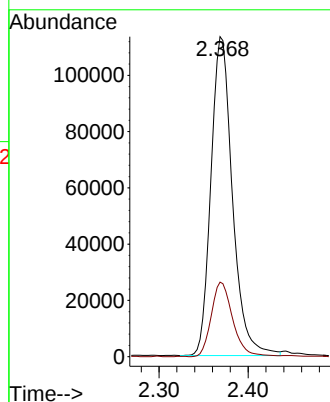
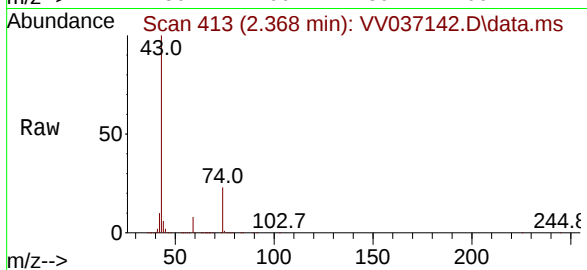
ClientSampleId :

Tgt Ion: 43 Resp: 189924

Ion Ratio Lower Upper

43 100

74 23.4 18.4 27.6



#16

Methylene chloride

Concen: 52.724 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

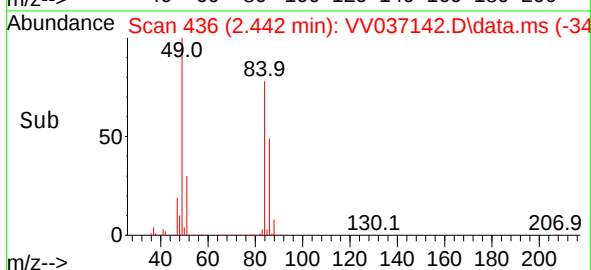
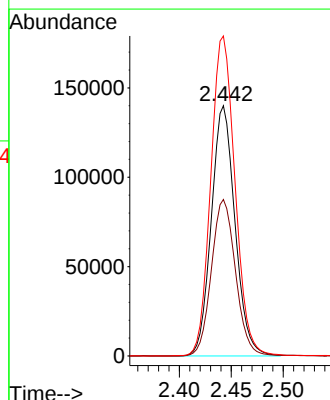
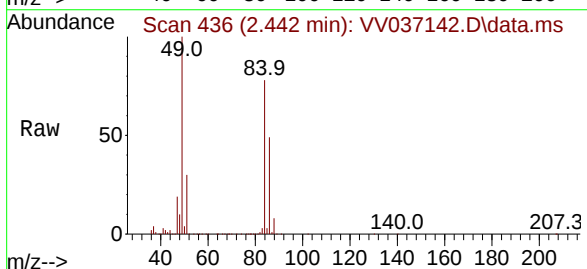
Tgt Ion: 84 Resp: 222044

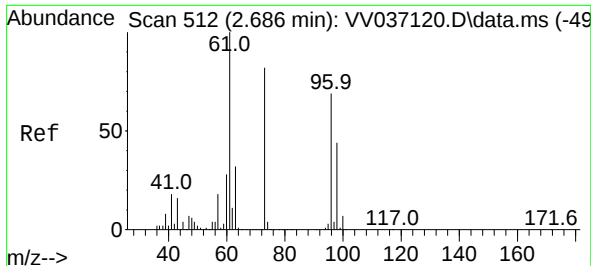
Ion Ratio Lower Upper

84 100

86 62.5 44.7 82.9

49 127.9 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 53.262 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

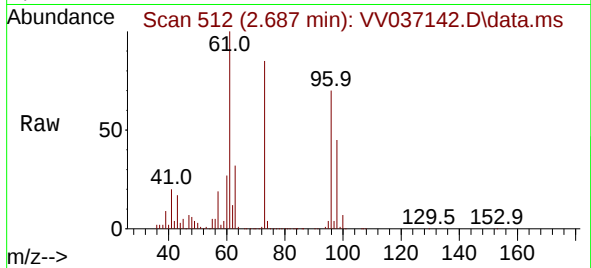
Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :



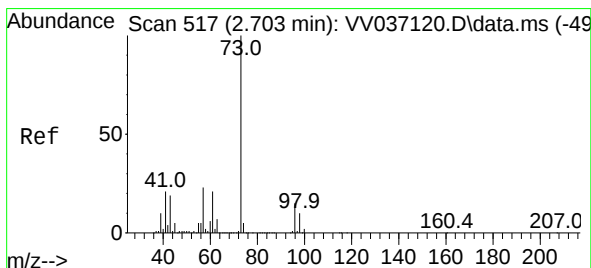
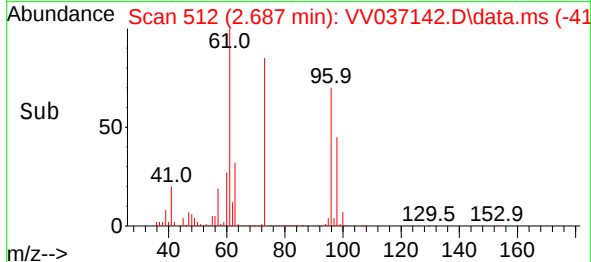
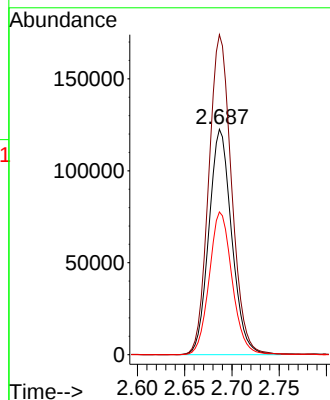
Tgt Ion: 96 Resp: 206386

Ion Ratio Lower Upper

96 100

61 141.9 102.3 189.9

98 63.3 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 52.384 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

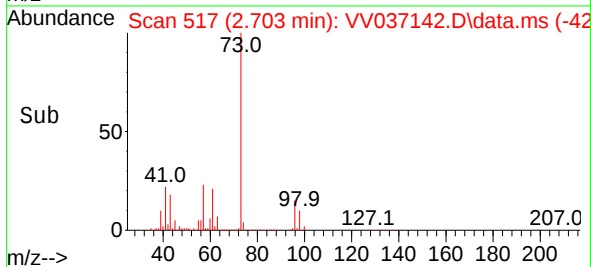
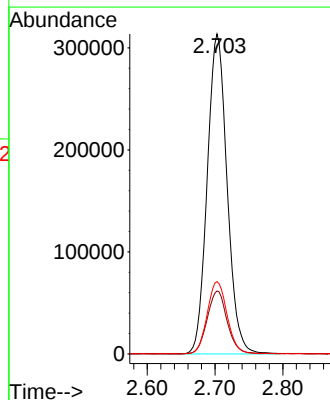
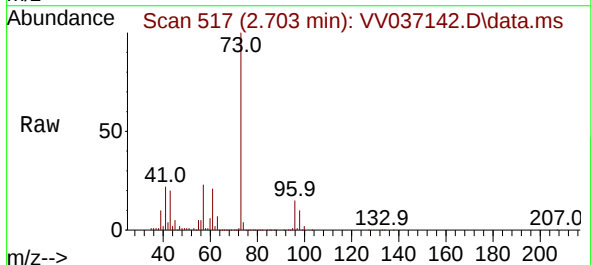
Tgt Ion: 73 Resp: 638535

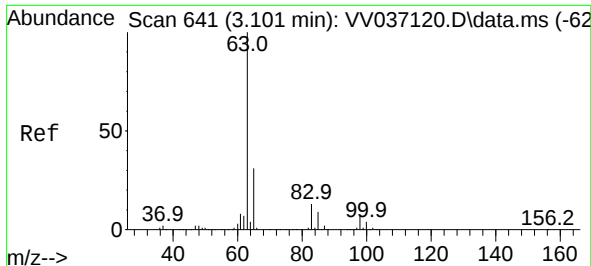
Ion Ratio Lower Upper

73 100

43 19.6 15.8 23.6

57 22.7 18.1 27.1





#19

1,1-Dichloroethane

Concen: 53.480 ug/L

RT: 3.101 min Scan# 641

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

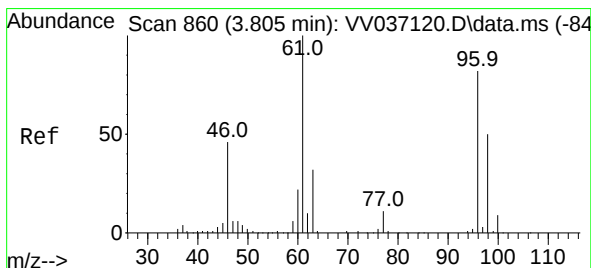
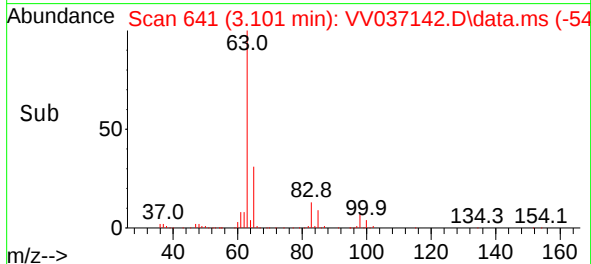
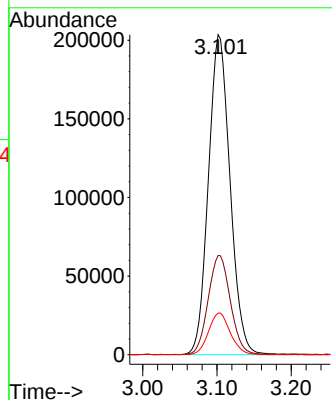
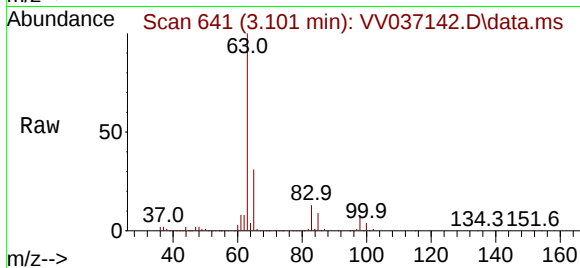
Tgt Ion: 63 Resp: 411548

Ion Ratio Lower Upper

63 100

65 31.0 22.0 41.0

83 13.0 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 51.302 ug/L

RT: 3.806 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

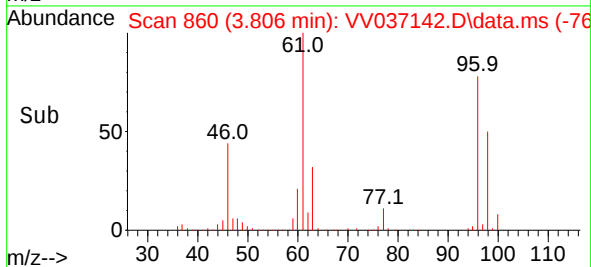
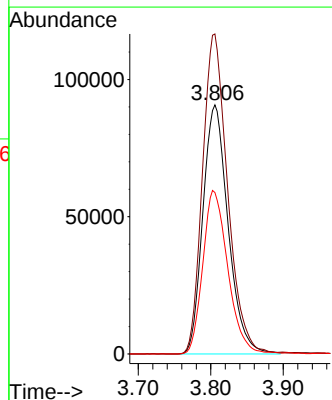
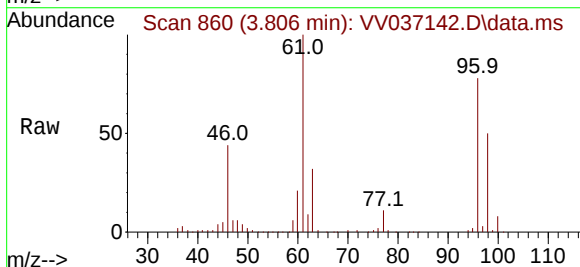
Tgt Ion: 96 Resp: 219664

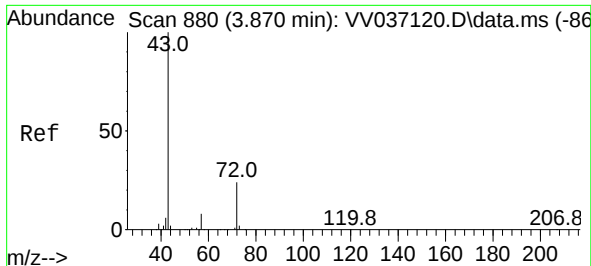
Ion Ratio Lower Upper

96 100

61 128.4 89.9 166.9

98 64.8 44.8 83.2

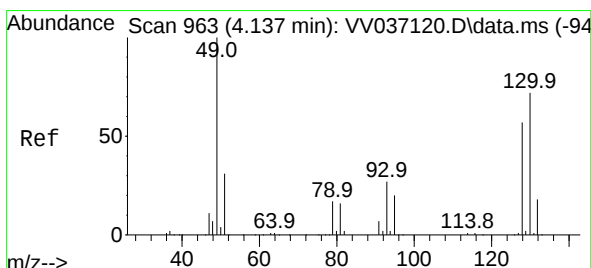
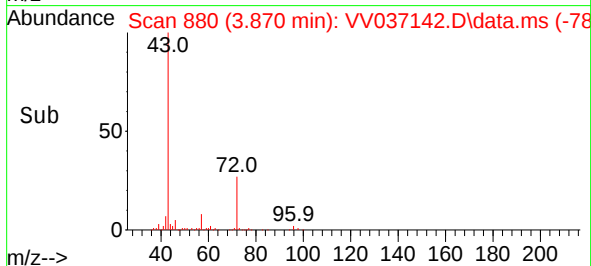
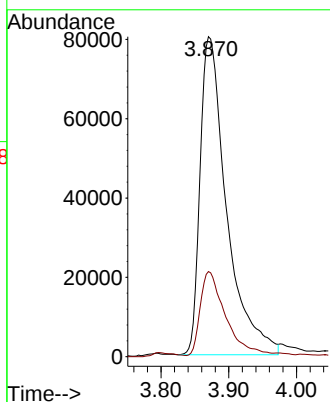
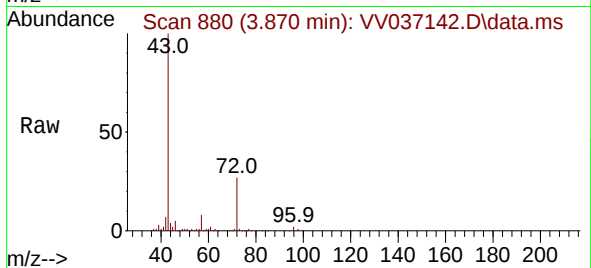




#22
2-Butanone
Concen: 91.004 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

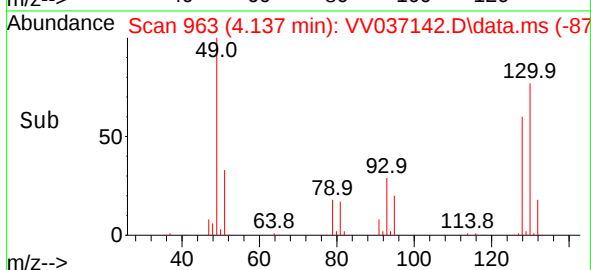
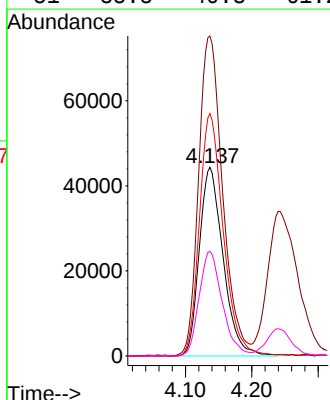
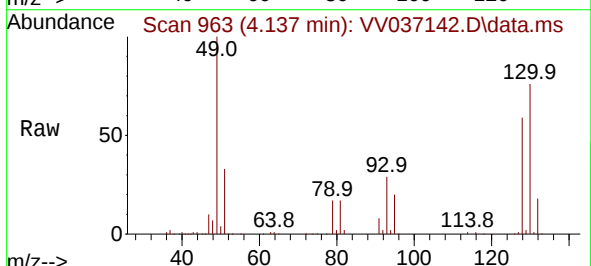
Instrument :
MSVOA_V
ClientSampleId :

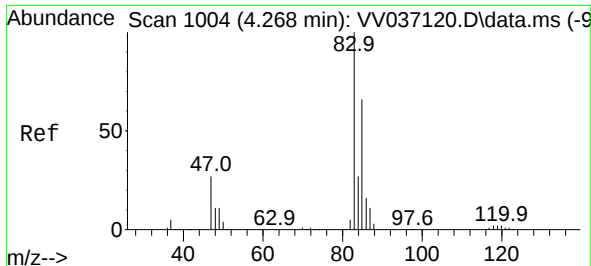
Tgt Ion: 43 Resp: 217789
Ion Ratio Lower Upper
43 100
72 25.0 12.7 38.0



#23
Bromochloromethane
Concen: 52.564 ug/L
RT: 4.137 min Scan# 963
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

Tgt Ion:128 Resp: 110484
Ion Ratio Lower Upper
128 100
49 169.7 117.2 217.6
130 128.6 87.6 162.8
51 55.5 40.8 61.2





#25

Chloroform

Concen: 51.289 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

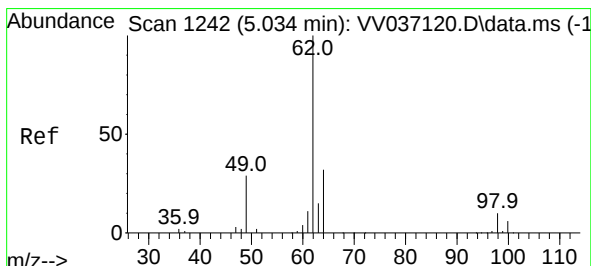
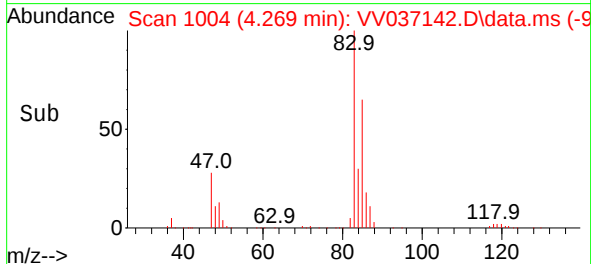
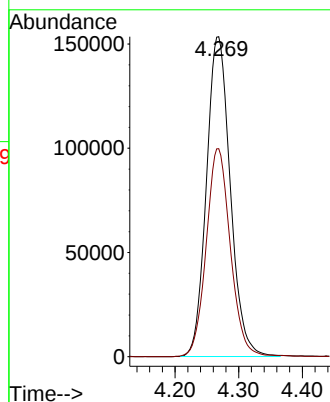
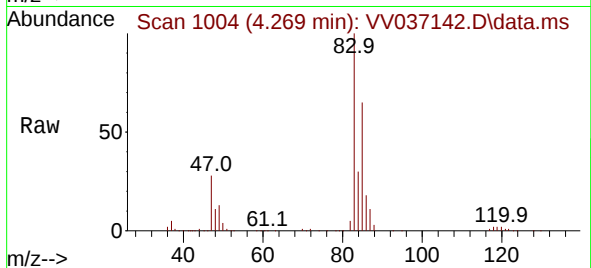
ClientSampleId :

Tgt Ion: 83 Resp: 399714

Ion Ratio Lower Upper

83 100

85 65.0 45.1 83.7



#27

1,2-Dichloroethane

Concen: 52.066 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV037142.D

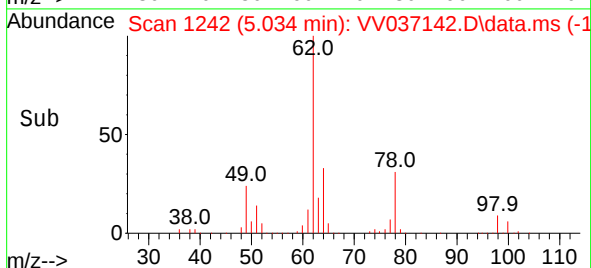
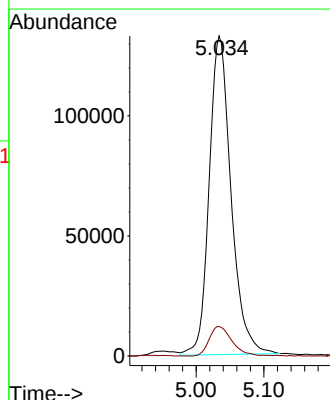
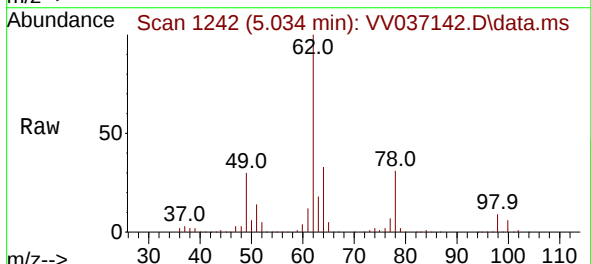
Acq: 29 Aug 2024 08:49

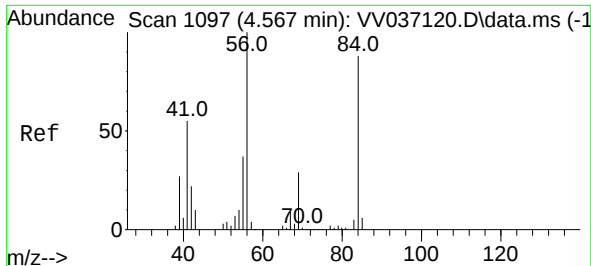
Tgt Ion: 62 Resp: 297652

Ion Ratio Lower Upper

62 100

98 9.2 8.0 12.0





#29

Cyclohexane

Concen: 49.959 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

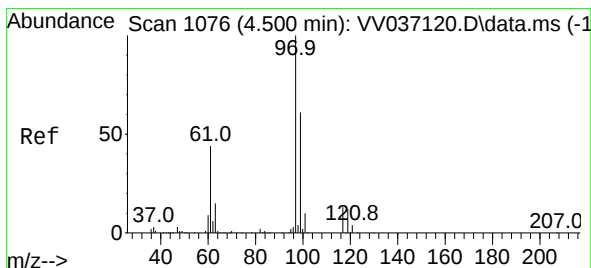
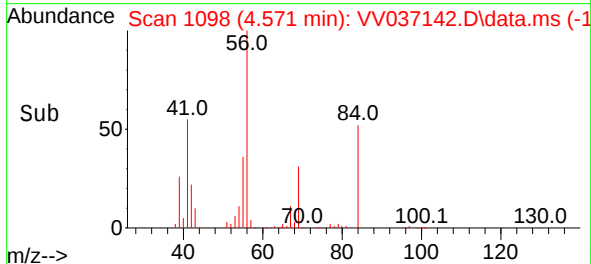
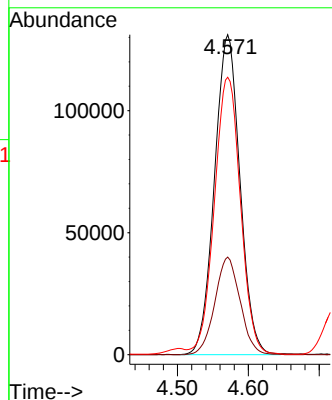
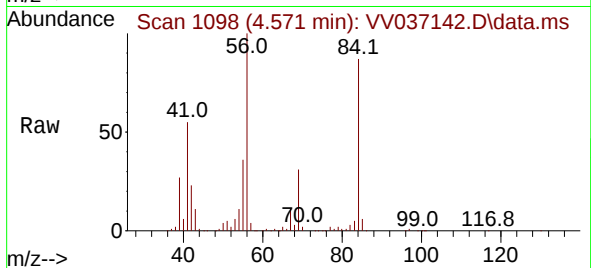
Tgt Ion: 56 Resp: 327942

Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.4

84 88.6 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 52.287 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

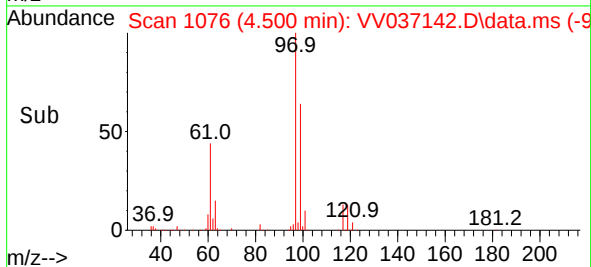
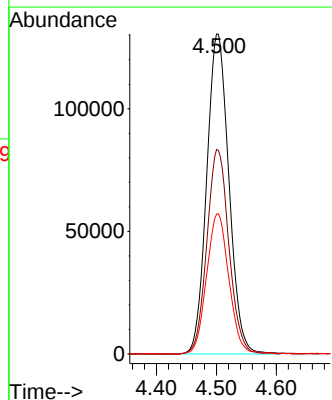
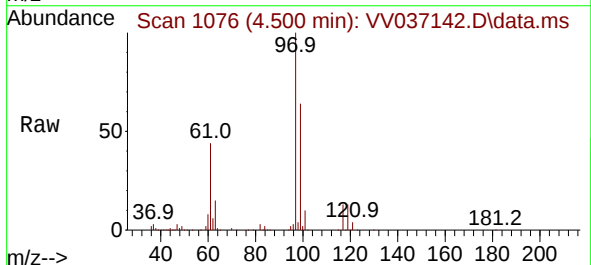
Tgt Ion: 97 Resp: 335887

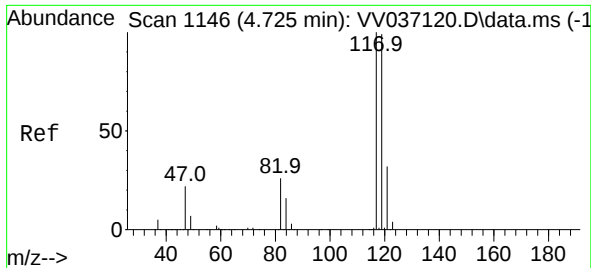
Ion Ratio Lower Upper

97 100

99 63.4 51.6 77.4

61 43.8 35.8 53.6

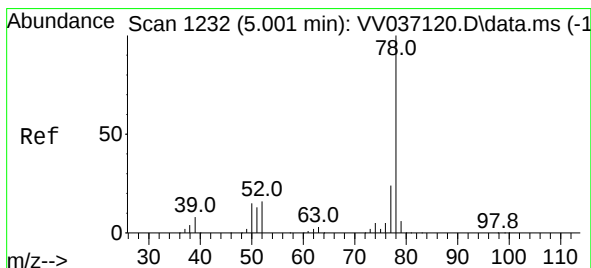
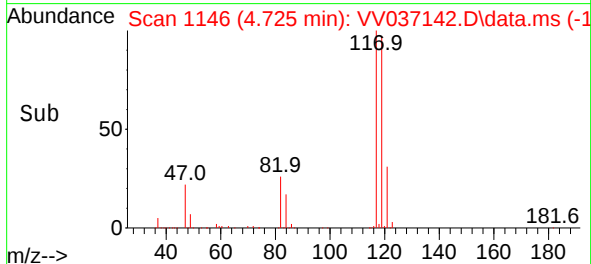
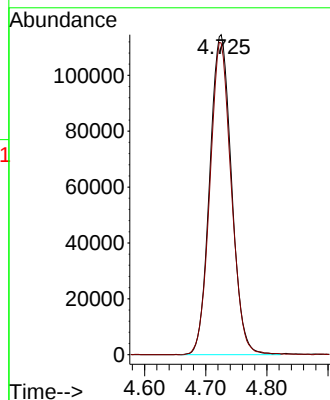
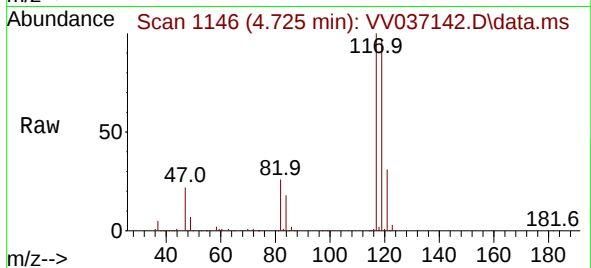




#31
Carbon tetrachloride
Concen: 52.295 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

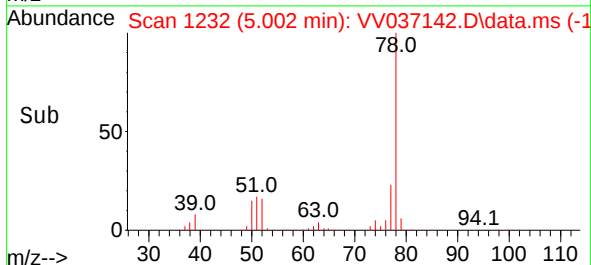
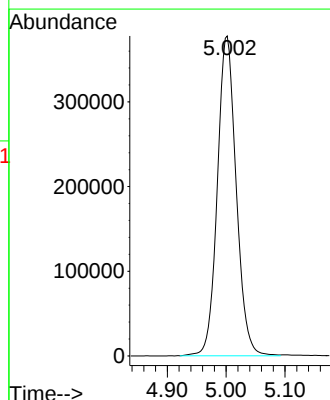
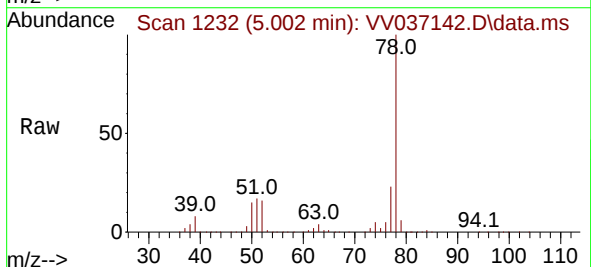
Instrument :
MSVOA_V
ClientSampleId :

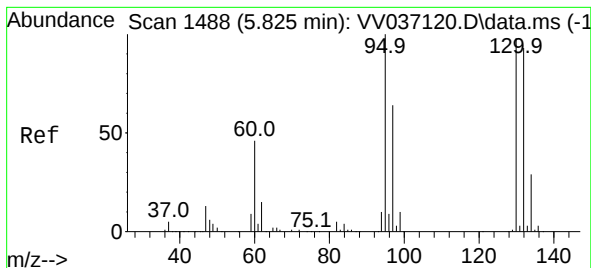
Tgt Ion:117 Resp: 283465
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.6



#33
Benzene
Concen: 52.217 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

Tgt Ion: 78 Resp: 841316





#34

Trichloroethene

Concen: 51.289 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 218113

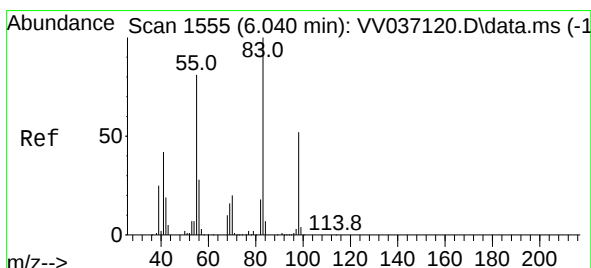
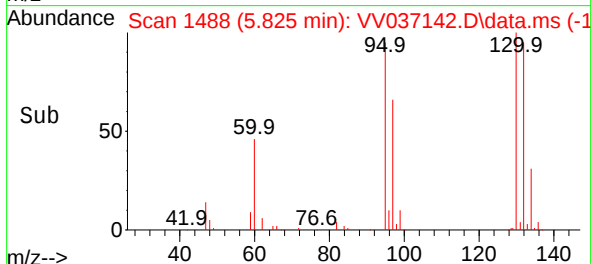
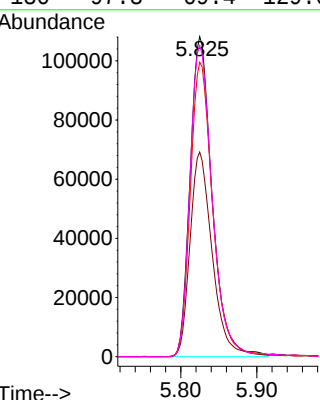
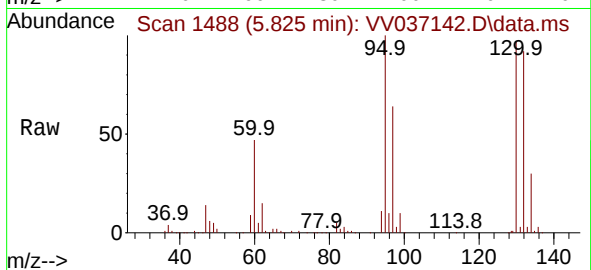
Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.5

132 92.0 64.9 120.5

130 97.3 69.4 129.0



#35

Methylcyclohexane

Concen: 50.436 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

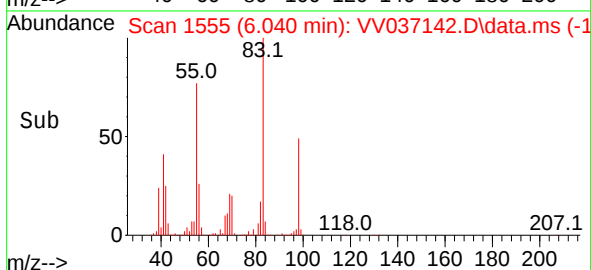
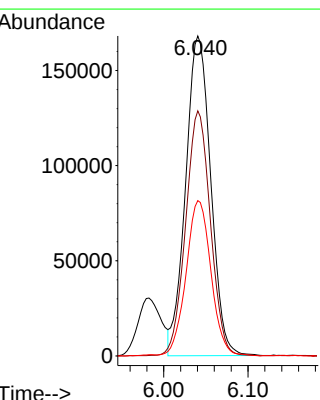
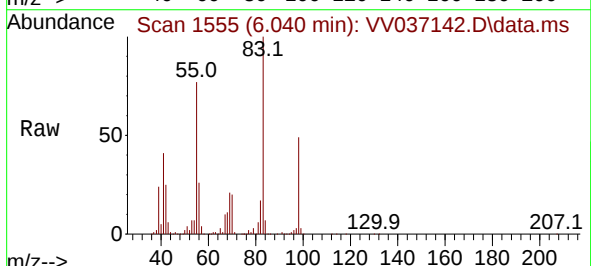
Tgt Ion: 83 Resp: 348482

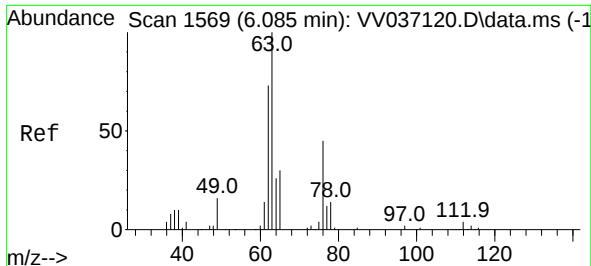
Ion Ratio Lower Upper

83 100

55 75.4 61.2 91.8

98 48.4 39.3 58.9

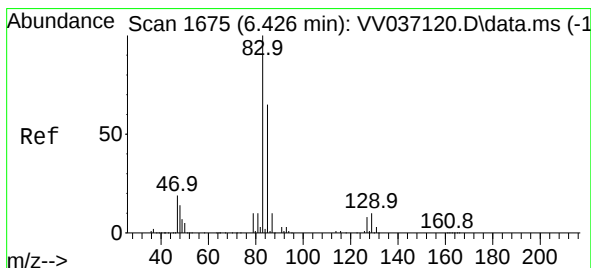
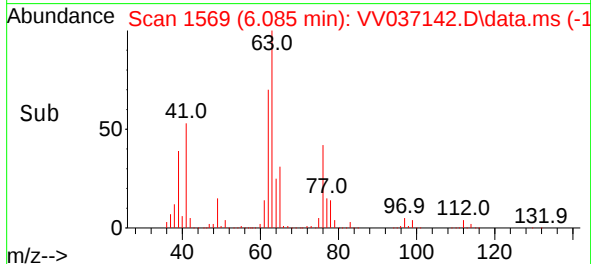
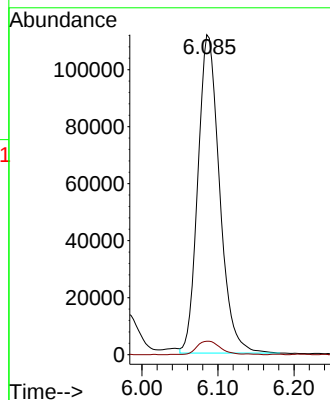
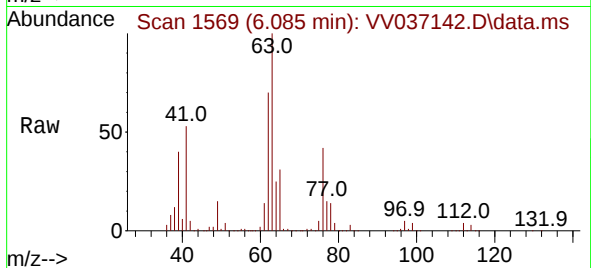




#37
1,2-Dichloropropane
Concen: 51.212 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

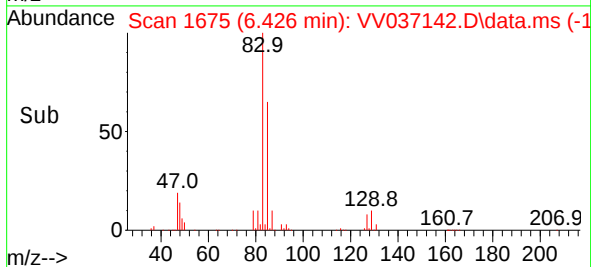
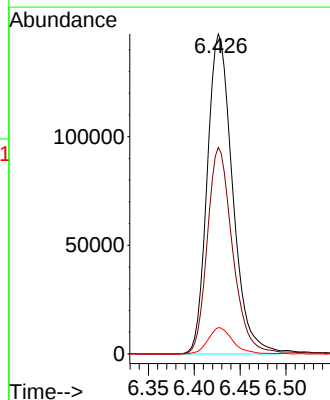
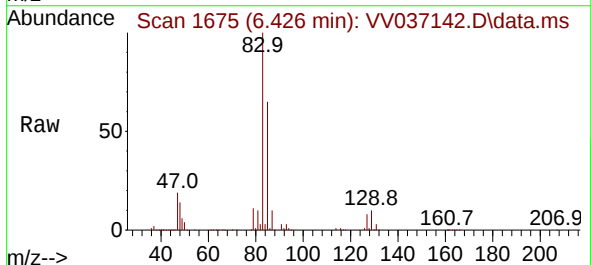
Instrument :
MSVOA_V
ClientSampleId :

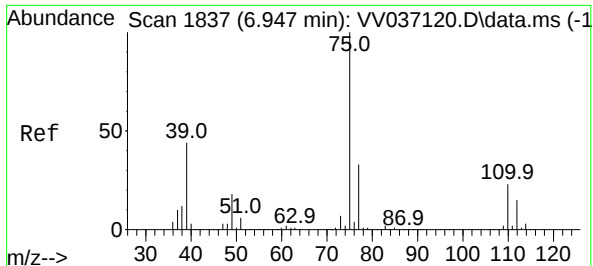
Tgt Ion: 63 Resp: 221208
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 51.173 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

Tgt Ion: 83 Resp: 283303
Ion Ratio Lower Upper
83 100
85 64.6 44.5 82.7
127 8.3 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 49.794 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

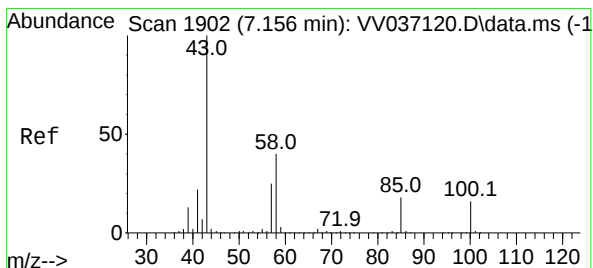
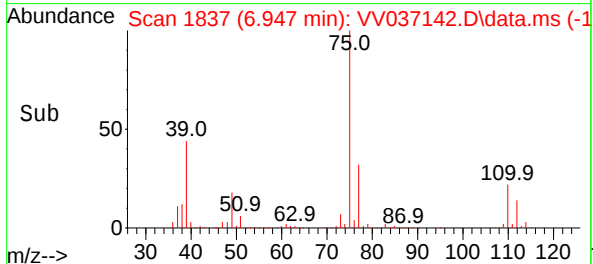
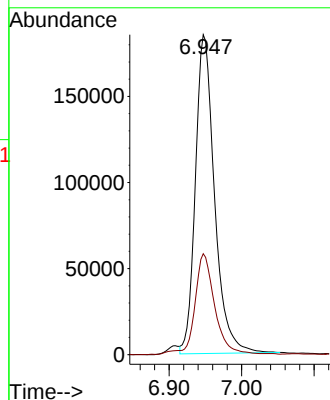
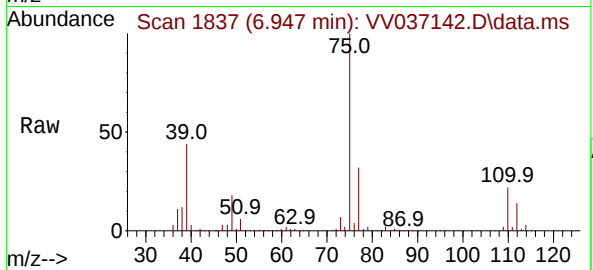
ClientSampleId :

Tgt Ion: 75 Resp: 339417

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 99.372 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

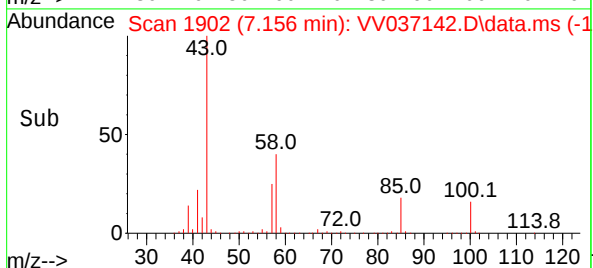
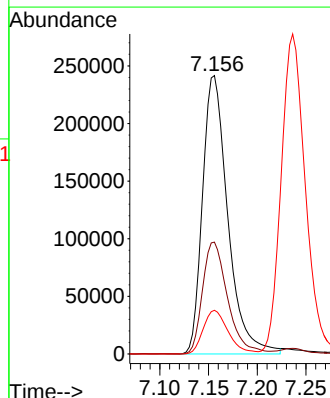
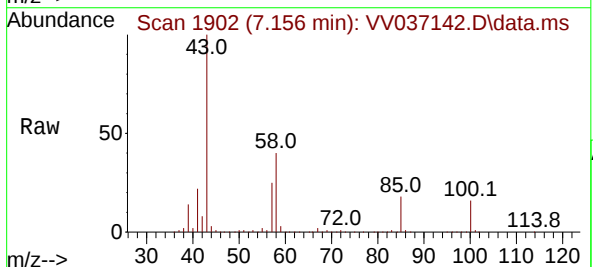
Tgt Ion: 43 Resp: 436376

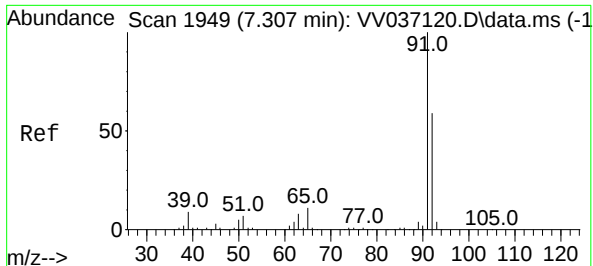
Ion Ratio Lower Upper

43 100

58 39.8 32.0 48.0

100 15.5 12.4 18.6

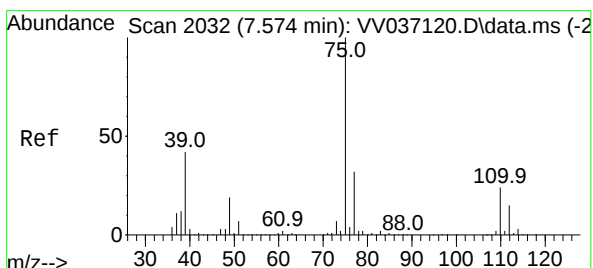
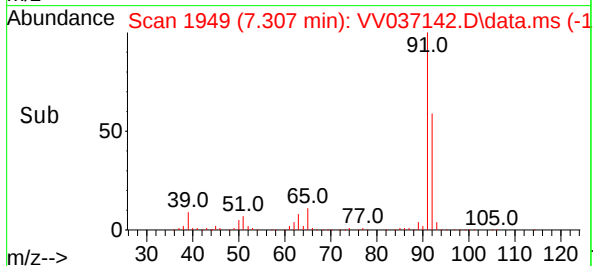
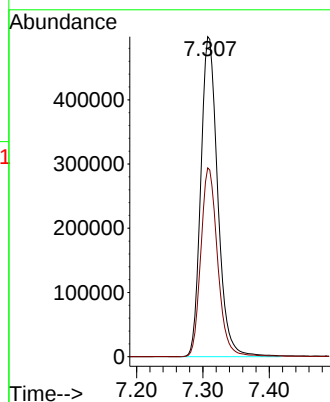
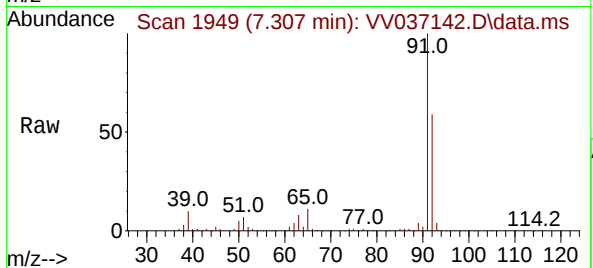




#42
Toluene
Concen: 52.553 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

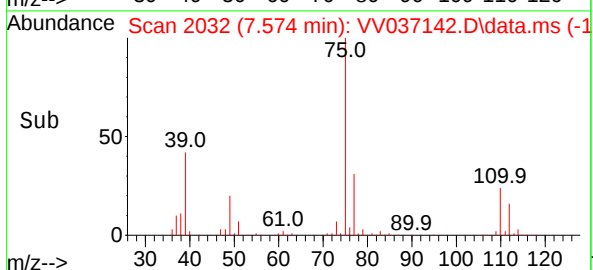
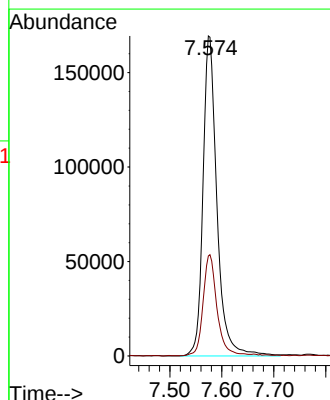
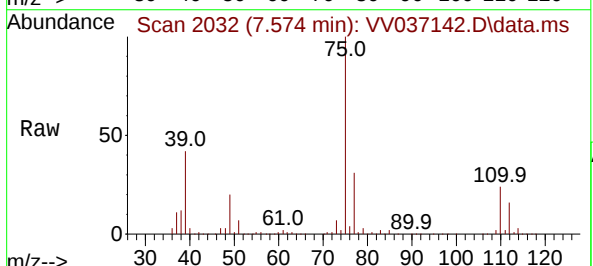
Instrument :
MSVOA_V
ClientSampleId :

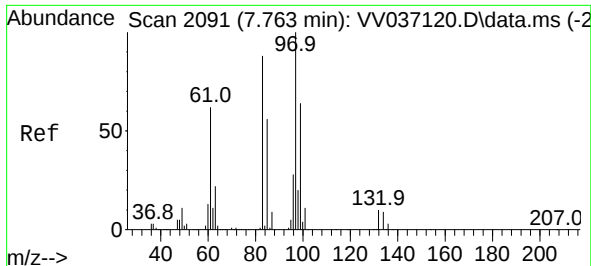
Tgt Ion: 91 Resp: 881586
Ion Ratio Lower Upper
91 100
92 59.0 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 51.817 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

Tgt Ion: 75 Resp: 315709
Ion Ratio Lower Upper
75 100
77 31.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 52.366 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 210559

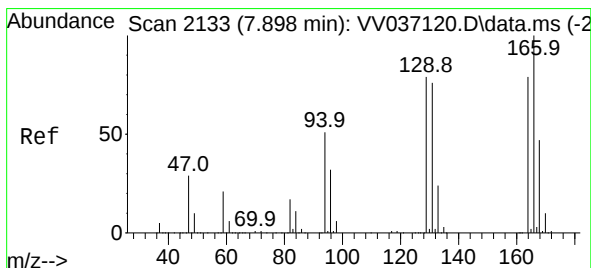
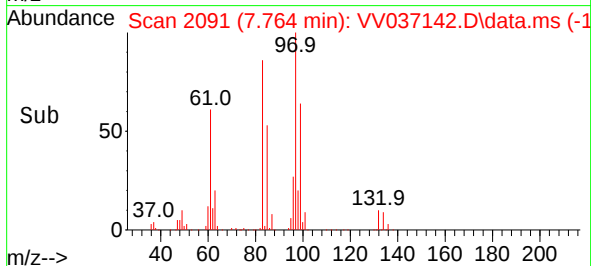
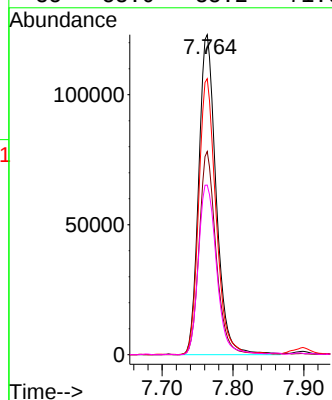
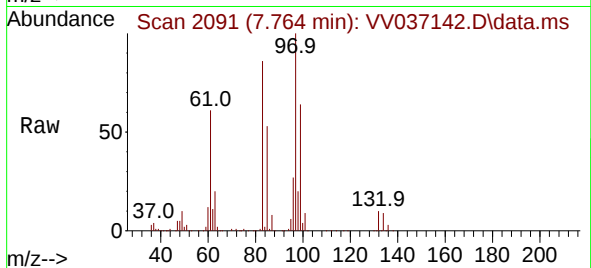
Ion Ratio Lower Upper

97 100

99 63.5 42.6 79.0

83 86.3 60.5 112.3

85 53.0 38.2 71.0



#46

Tetrachloroethene

Concen: 52.228 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Tgt Ion: 164 Resp: 159360

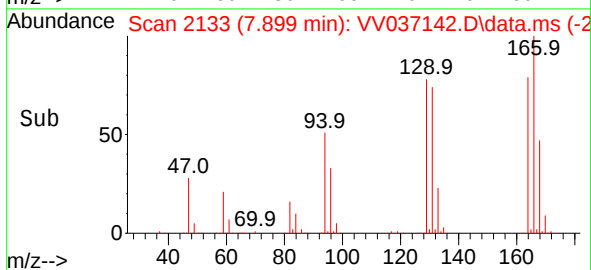
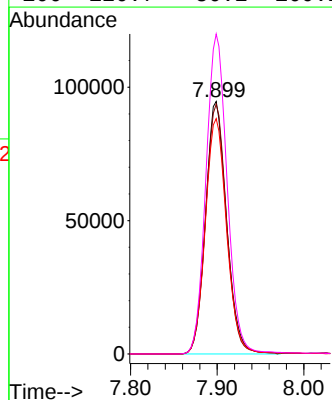
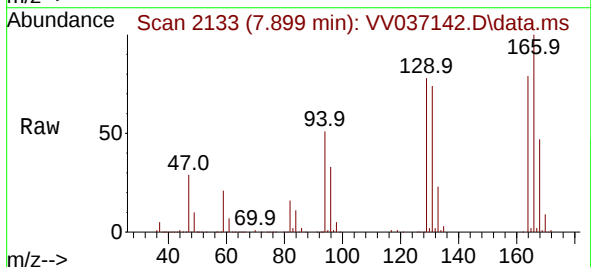
Ion Ratio Lower Upper

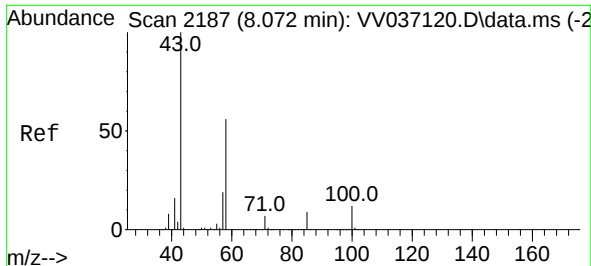
164 100

129 98.9 67.1 124.7

131 93.2 67.0 124.4

166 126.7 86.2 160.2





#48

2-Hexanone

Concen: 93.481 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 317478

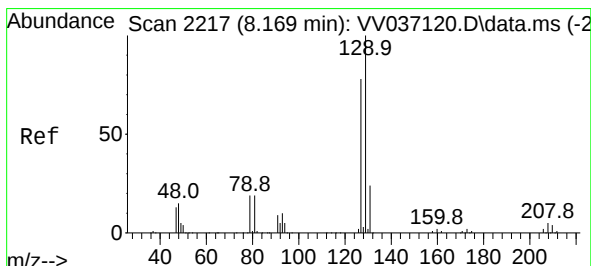
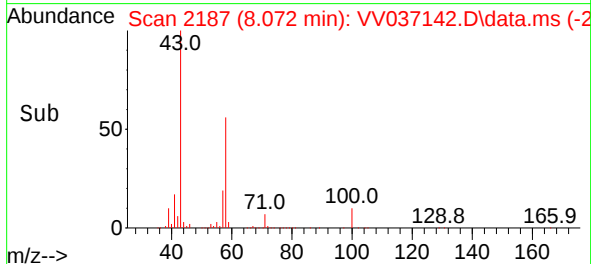
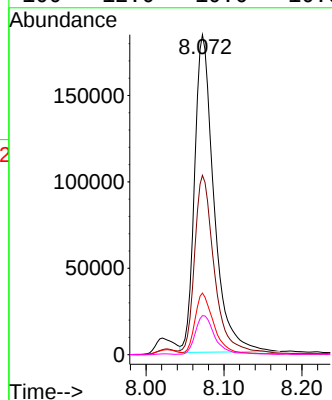
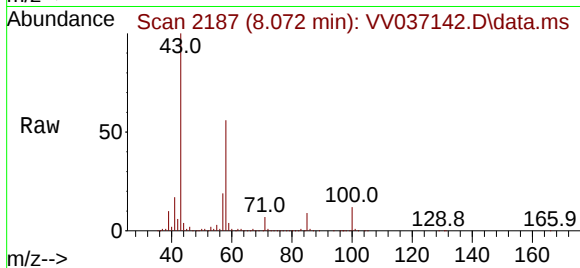
Ion Ratio Lower Upper

43 100

58 57.5 46.0 69.0

57 18.7 15.6 23.4

100 12.0 10.6 16.0



#49

Dibromochloromethane

Concen: 51.699 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037142.D

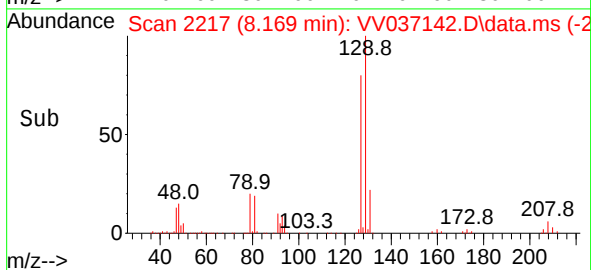
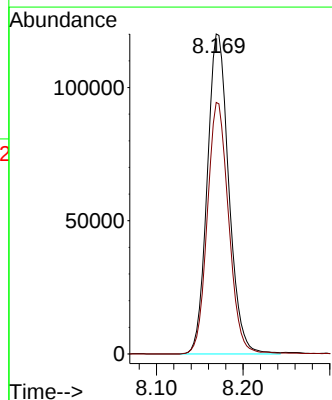
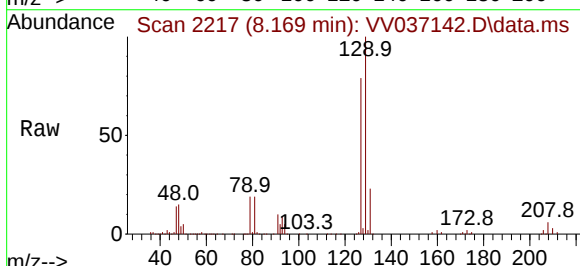
Acq: 29 Aug 2024 08:49

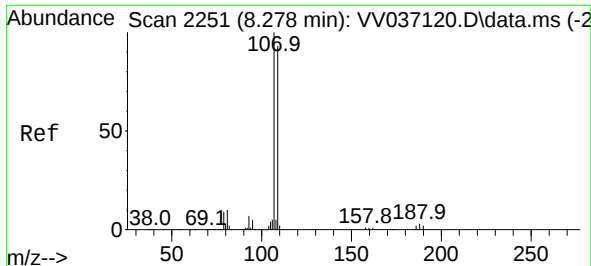
Tgt Ion:129 Resp: 208149

Ion Ratio Lower Upper

129 100

127 78.6 54.7 101.7

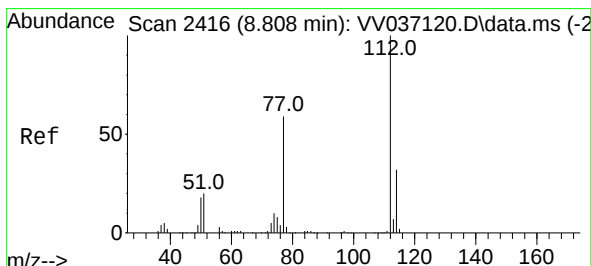
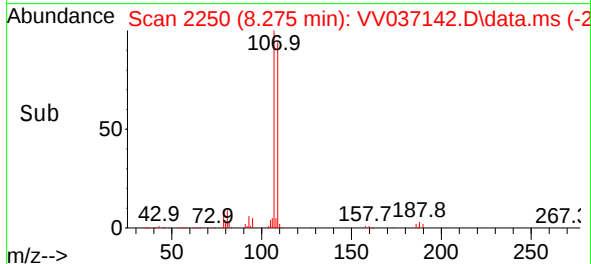
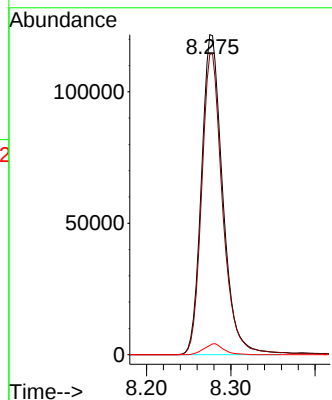
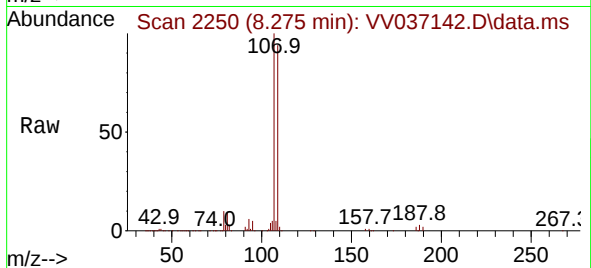




#50
1,2-Dibromoethane
Concen: 52.500 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

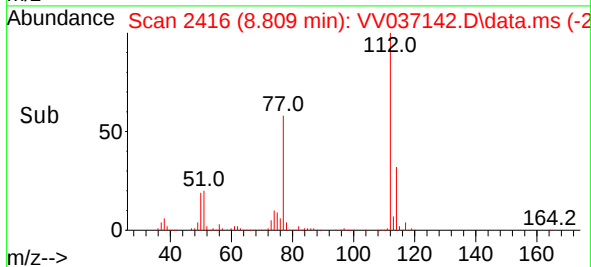
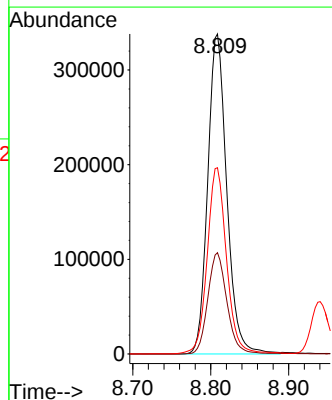
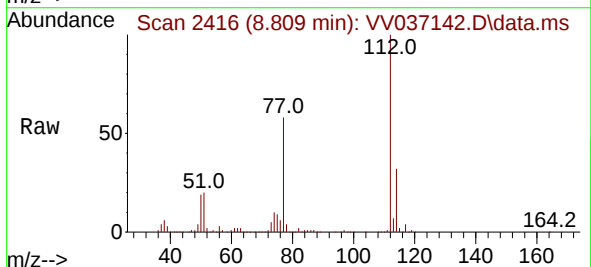
Instrument :
MSVOA_V
ClientSampleId :

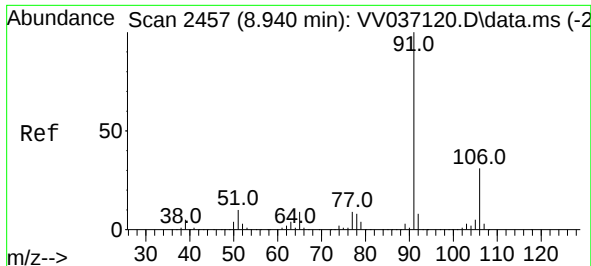
Tgt Ion:107 Resp: 213612
Ion Ratio Lower Upper
107 100
109 94.0 66.6 123.6
188 2.9 2.6 3.8



#51
Chlorobenzene
Concen: 51.648 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

Tgt Ion:112 Resp: 573599
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 58.2 47.8 71.8





#52

Ethylbenzene

Concen: 52.435 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

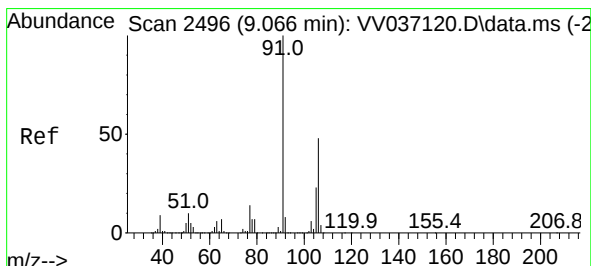
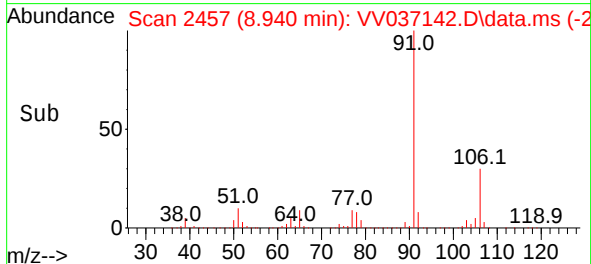
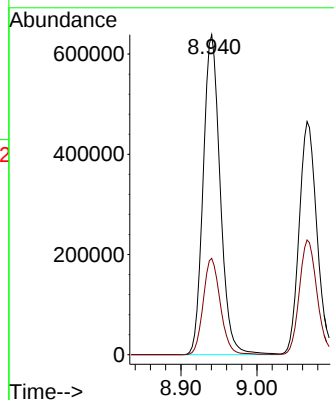
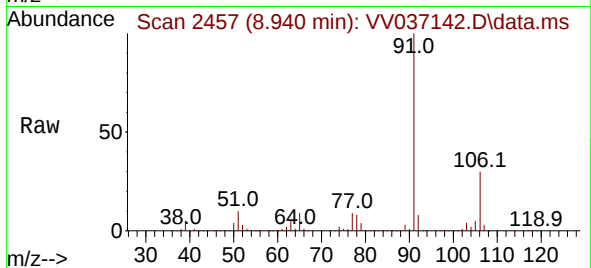
ClientSampleId :

Tgt Ion: 91 Resp: 993559

Ion Ratio Lower Upper

91 100

106 30.1 21.4 39.8



#53

m,p-Xylene

Concen: 52.571 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037142.D

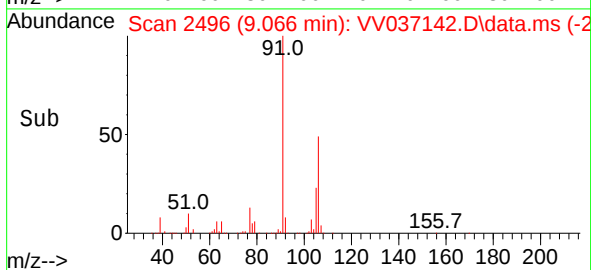
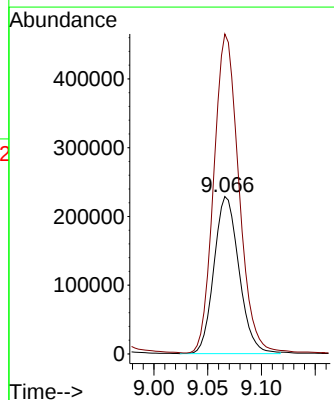
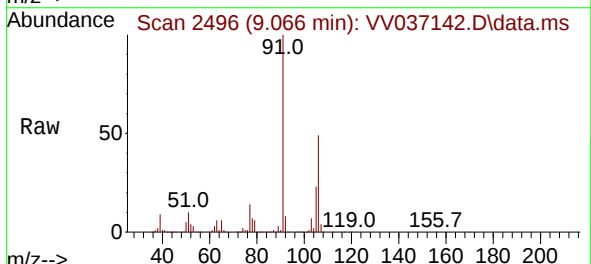
Acq: 29 Aug 2024 08:49

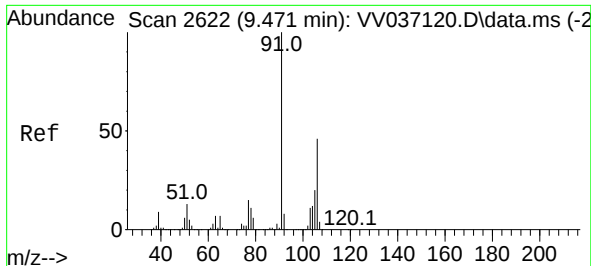
Tgt Ion:106 Resp: 369081

Ion Ratio Lower Upper

106 100

91 203.2 143.0 265.6





#54

o-Xylene

Concen: 51.755 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

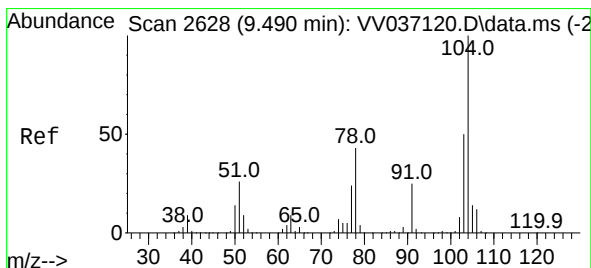
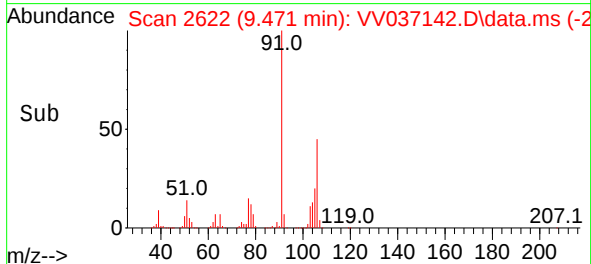
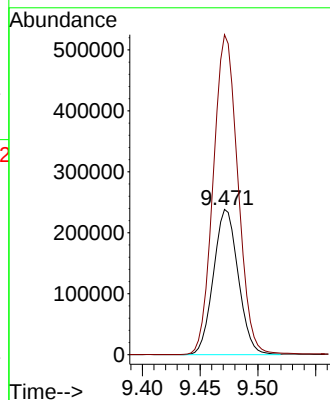
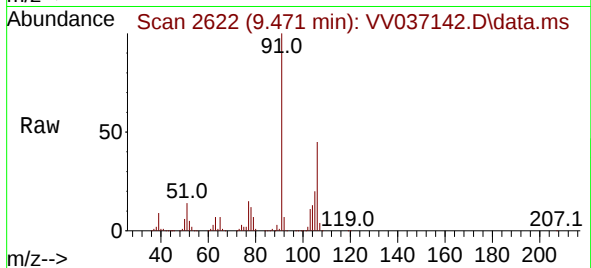
ClientSampleId :

Tgt Ion:106 Resp: 355760

Ion Ratio Lower Upper

106 100

91 220.3 153.2 284.6



#55

Styrene

Concen: 53.379 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV037142.D

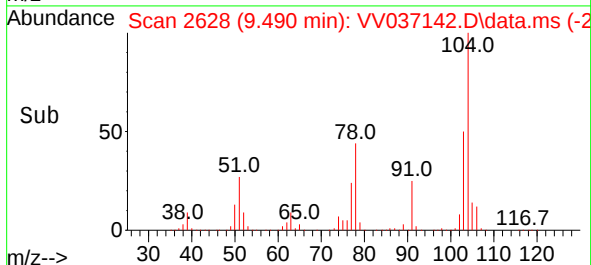
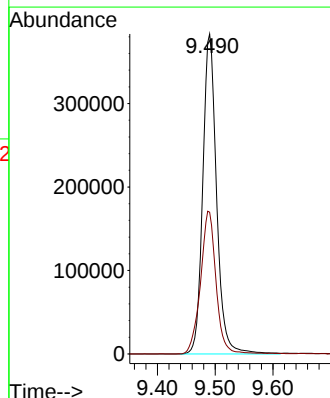
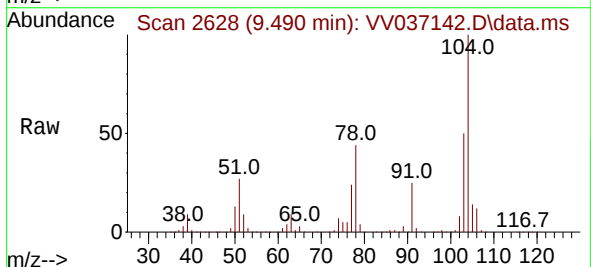
Acq: 29 Aug 2024 08:49

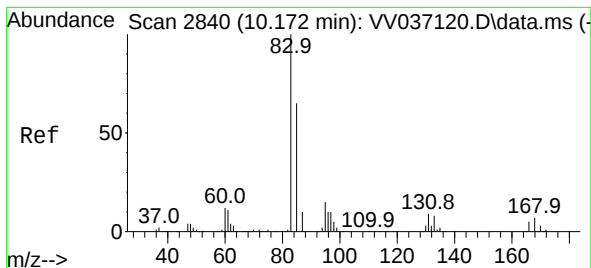
Tgt Ion:104 Resp: 636675

Ion Ratio Lower Upper

104 100

78 44.3 30.9 57.5

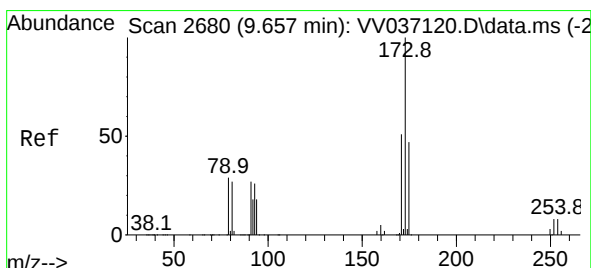
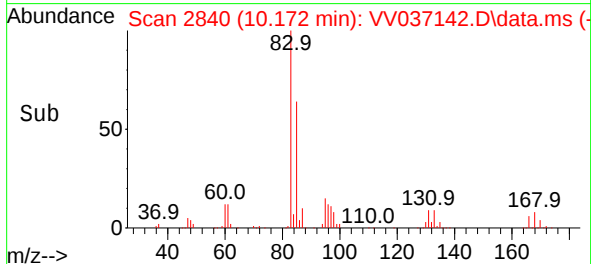
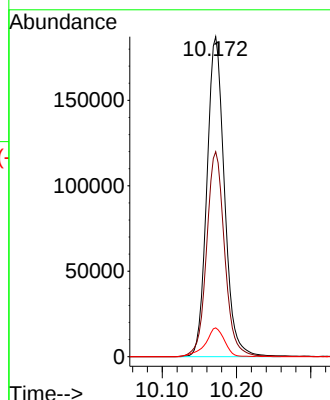
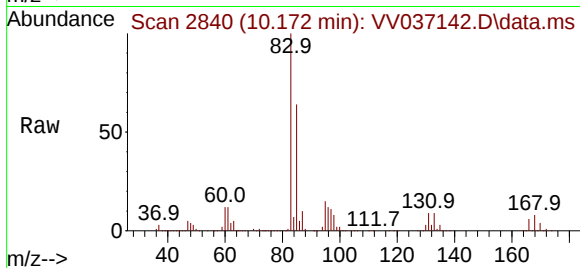




#57
1,1,2,2-Tetrachloroethane
Concen: 51.577 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

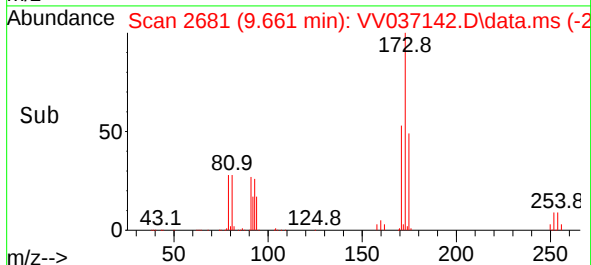
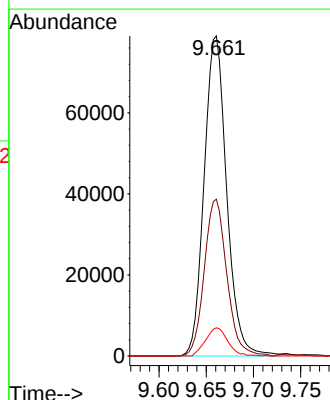
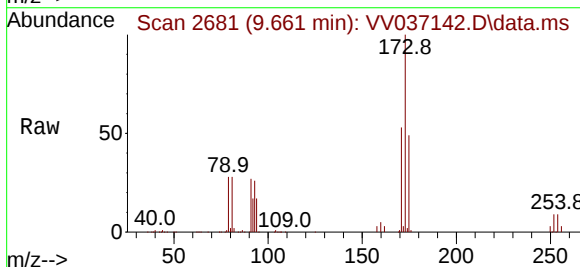
Instrument :
MSVOA_V
ClientSampleId :

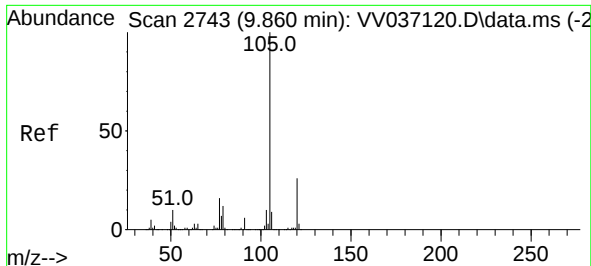
Tgt Ion: 83 Resp: 307147
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.7
131 9.0 7.4 11.0



#59
Bromoform
Concen: 48.793 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

Tgt Ion:173 Resp: 131089
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 8.6 6.8 10.2

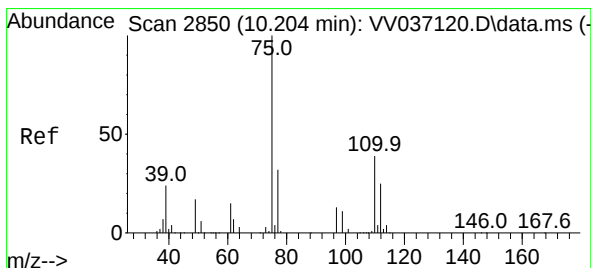
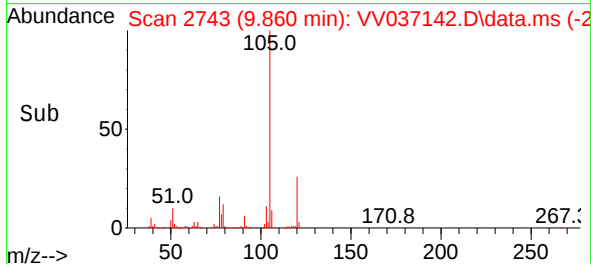
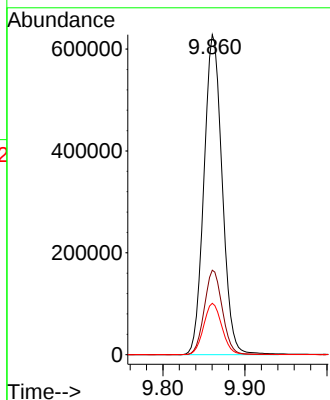
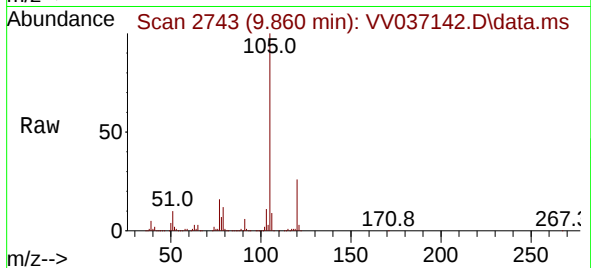




#60
Isopropylbenzene
Concen: 51.916 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

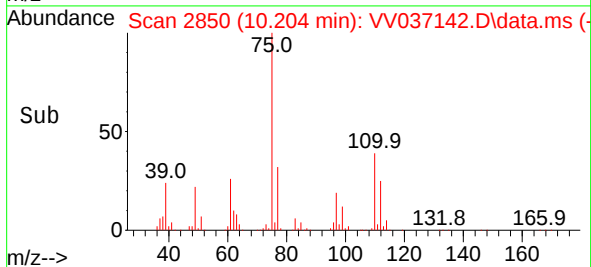
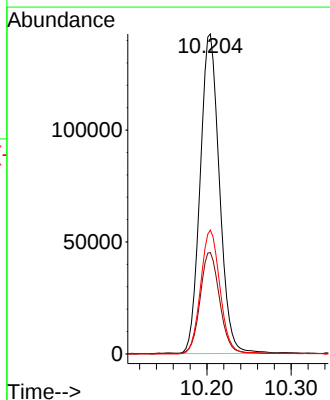
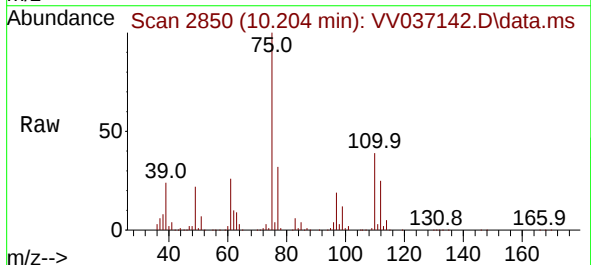
Instrument :
MSVOA_V
ClientSampleId :

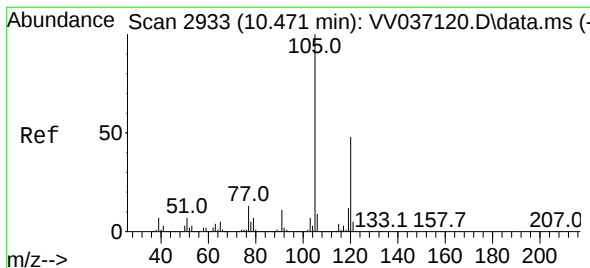
Tgt Ion:105 Resp: 971066
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 50.746 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037142.D
Acq: 29 Aug 2024 08:49

Tgt Ion: 75 Resp: 227760
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8
110 38.7 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 51.697 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

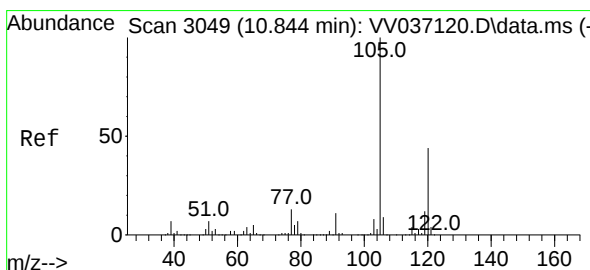
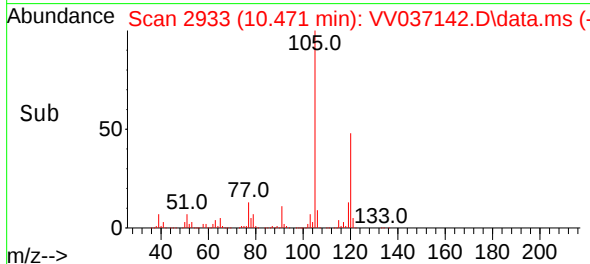
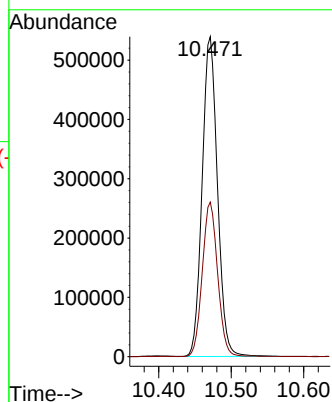
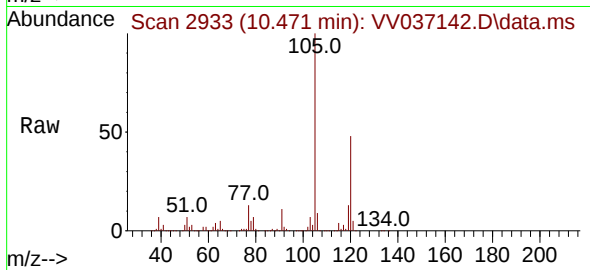
ClientSampleId :

Tgt Ion:105 Resp: 791128

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 52.011 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037142.D

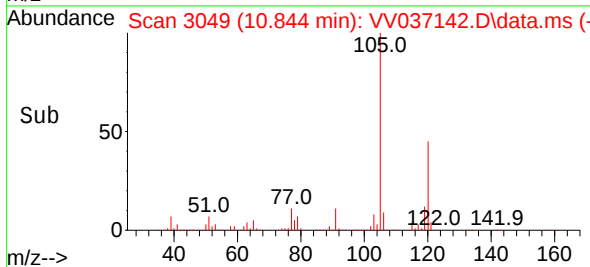
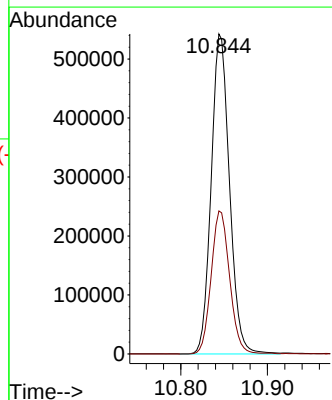
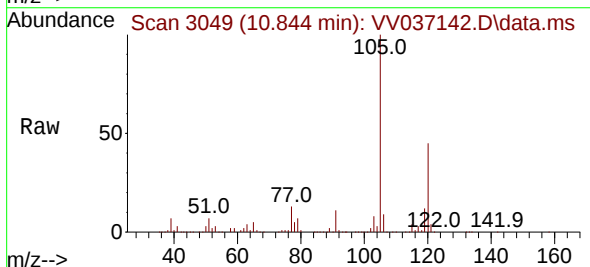
Acq: 29 Aug 2024 08:49

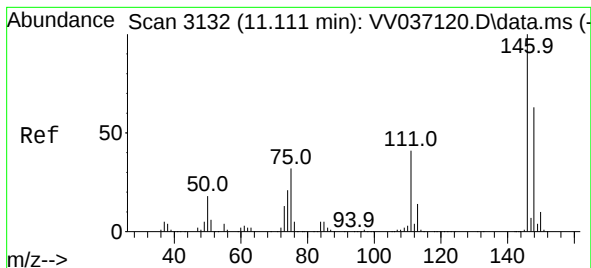
Tgt Ion:105 Resp: 794308

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 50.458 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

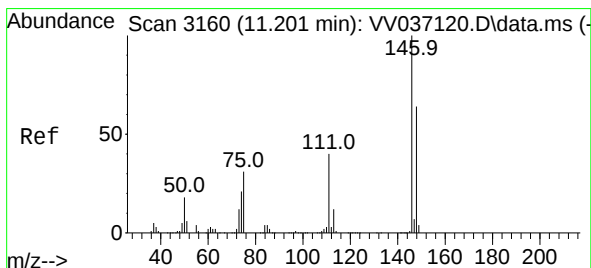
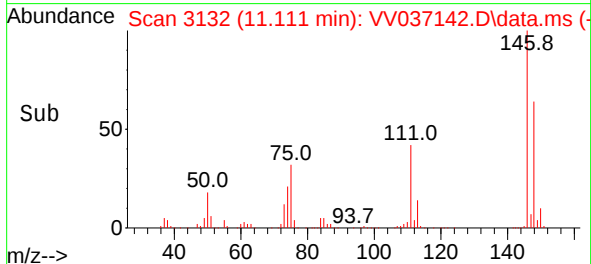
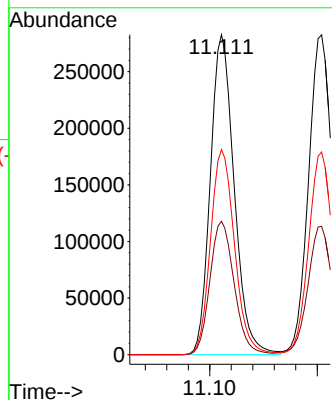
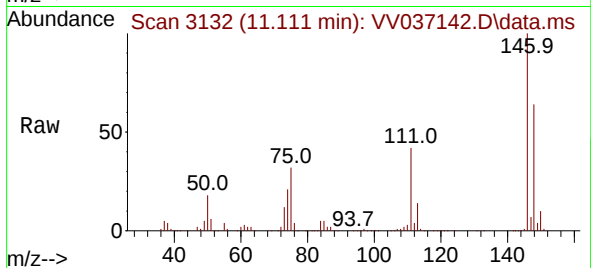
Tgt Ion:146 Resp: 435806

Ion Ratio Lower Upper

146 100

111 41.7 29.7 55.1

148 64.1 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 51.803 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

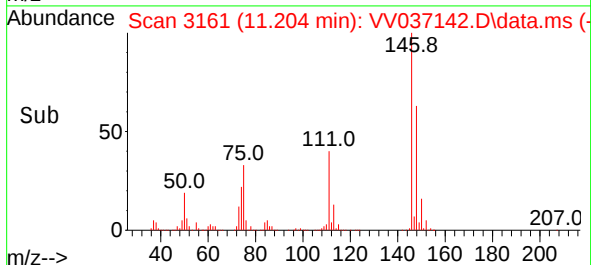
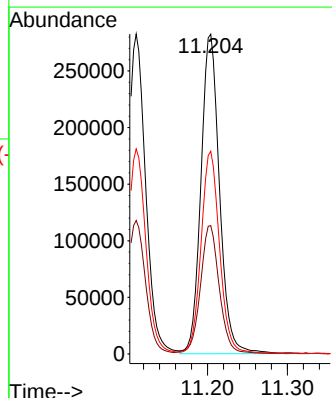
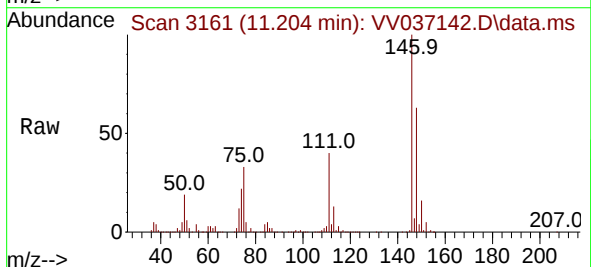
Tgt Ion:146 Resp: 457936

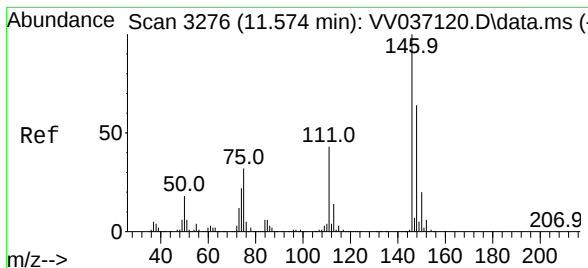
Ion Ratio Lower Upper

146 100

111 40.1 28.1 52.1

148 63.4 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 51.260 ug/L

RT: 11.571 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

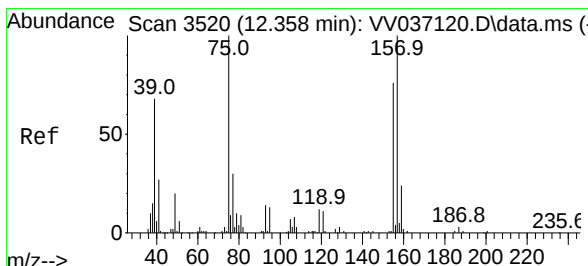
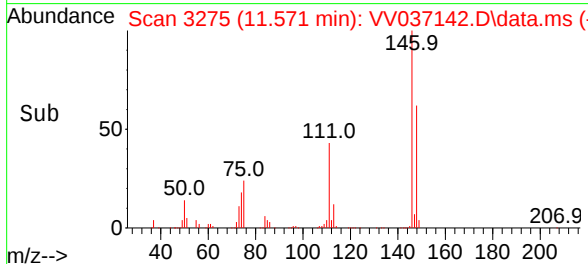
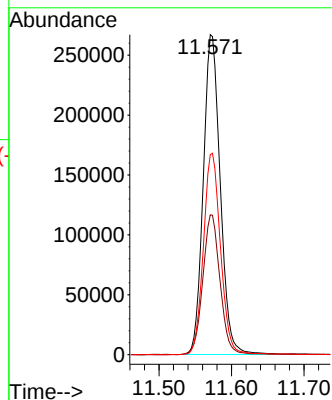
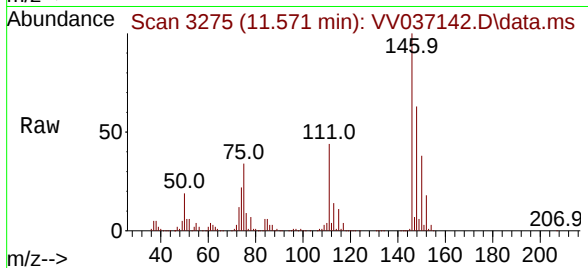
Tgt Ion:146 Resp: 435322

Ion Ratio Lower Upper

146 100

111 43.7 34.6 51.8

148 62.5 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 47.237 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

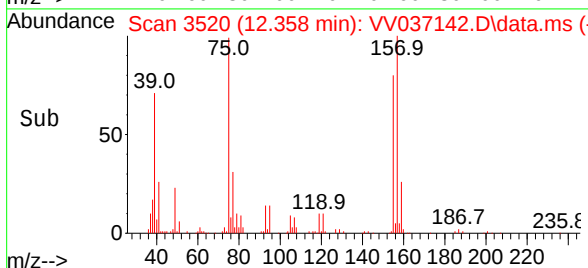
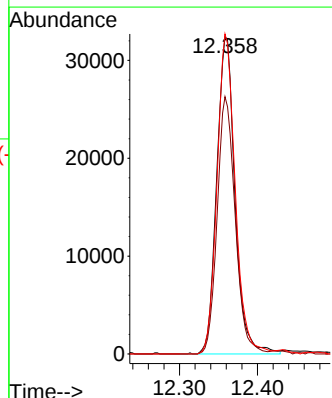
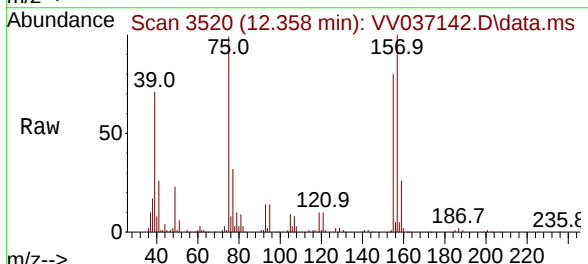
Tgt Ion: 75 Resp: 52873

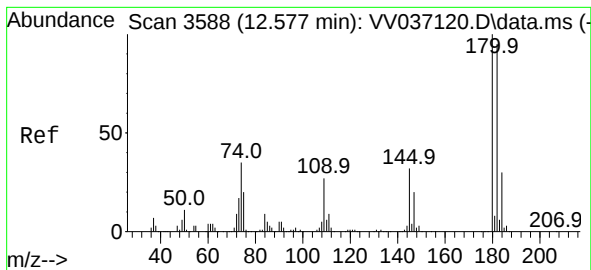
Ion Ratio Lower Upper

75 100

155 81.0 61.8 92.6

157 100.7 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 49.750 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

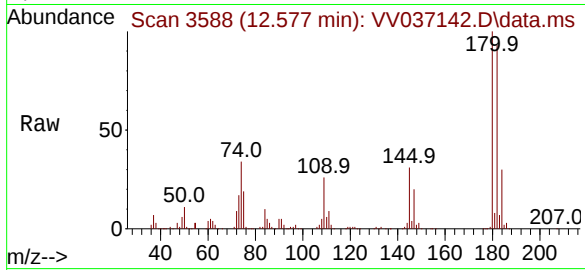
Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 298986

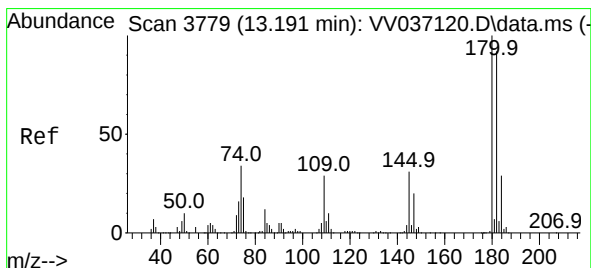
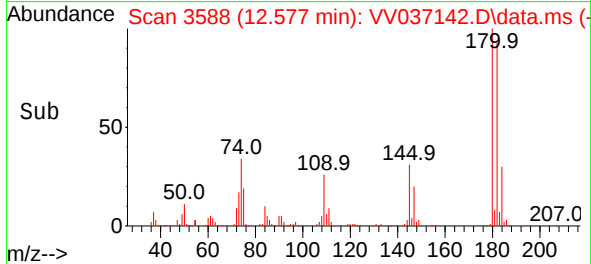
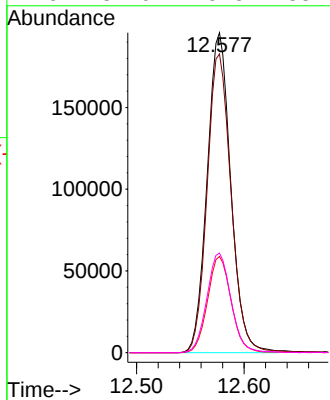
Ion Ratio Lower Upper

180 100

182 94.6 76.7 115.1

184 29.9 24.2 36.2

145 31.9 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 49.971 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

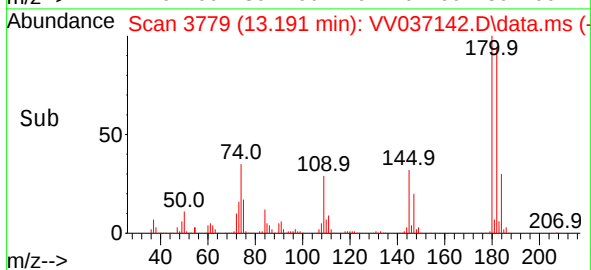
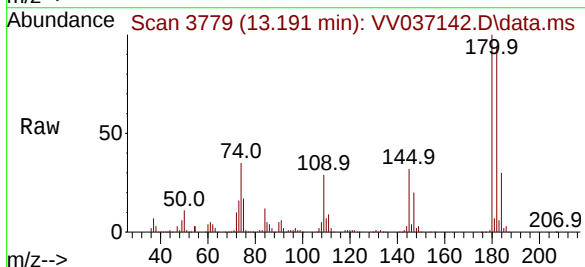
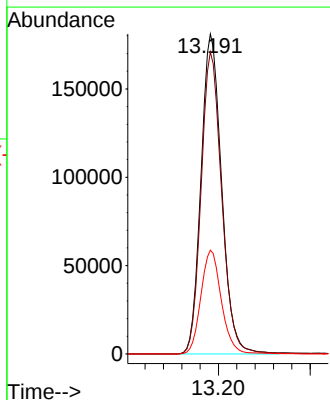
Tgt Ion:180 Resp: 282786

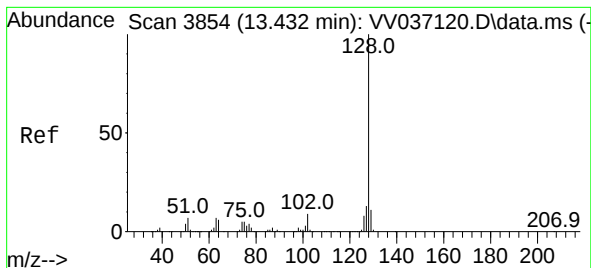
Ion Ratio Lower Upper

180 100

182 94.2 75.7 113.5

145 32.0 26.0 39.0





#71

Naphthalene

Concen: 49.243 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Instrument :

MSVOA_V

ClientSampleId :

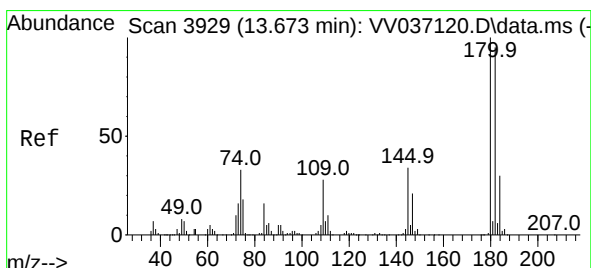
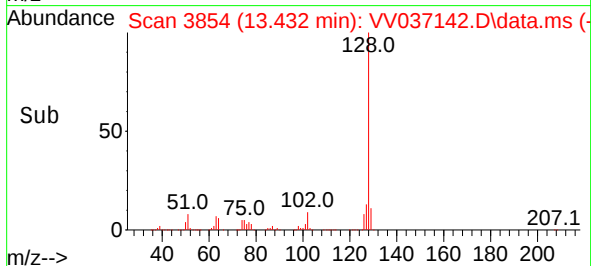
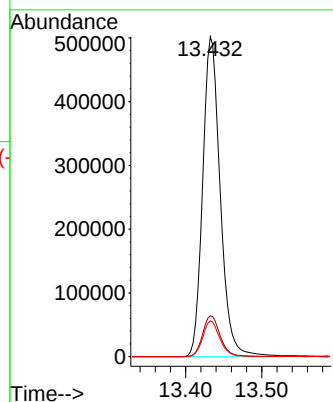
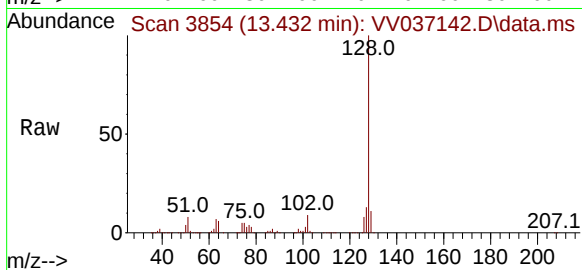
Tgt Ion:128 Resp: 804683

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 49.879 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037142.D

Acq: 29 Aug 2024 08:49

Tgt Ion:180 Resp: 278166

Ion Ratio Lower Upper

180 100

182 96.5 75.1 112.7

145 33.3 27.0 40.4

