

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038389.D
 Acq On : 02 Dec 2024 13:22
 Operator : SY/MD
 Sample : VSTD200
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 21:00:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 20:56:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	616667	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	613044	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	342592	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	1013277	196.649	ug/L	0.00
7) Chloroethane-d5	1.523	69	863282	198.845	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	433383	198.389	ug/L	0.00
21) 2-Butanone-d5	3.770	46	1155096	485.685	ug/L	0.00
24) Chloroform-d	4.236	84	1863896	199.451	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.928	65	1110708	200.686	ug/L	0.00
32) Benzene-d6	4.947	84	3674145	208.014	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.976	67	1152426	201.440	ug/L	0.00
41) Toluene-d8	7.233	98	3443072	215.528	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.538	79	604817	231.340	ug/L	0.00
47) 2-Hexanone-d5	8.011	63	888358	552.574	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	1592770	207.359	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	1378837	208.165	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	1068115	188.598	ug/L	100
3) Chloromethane	1.214	50	1098788	187.021	ug/L	99
5) Vinyl chloride	1.281	62	1165124	194.423	ug/L	99
6) Bromomethane	1.481	94	717728	193.299	ug/L	99
8) Chloroethane	1.542	64	722964	190.659	ug/L	100
9) Trichlorofluoromethane	1.709	101	1491030	188.650	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	875707	192.429	ug/L	100
12) 1,1-Dichloroethene	2.066	96	853907	197.027	ug/L	87
13) Acetone	2.111	43	1249121	369.343	ug/L	99
14) Carbon disulfide	2.236	76	2735044	191.752	ug/L	100
15) Methyl Acetate	2.365	43	908005	207.436	ug/L	100
16) Methylene chloride	2.439	84	994195	190.110	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	945826	200.136	ug/L	96
18) Methyl tert-butyl Ether	2.696	73	2977314	218.126	ug/L	99
19) 1,1-Dichloroethane	3.101	63	1699708	196.107	ug/L	100
20) cis-1,2-Dichloroethene	3.802	96	1056726	212.617	ug/L	98
22) 2-Butanone	3.850	43	1437763	478.552	ug/L	95
23) Bromochloromethane	4.133	128	538527	199.340	ug/L	98
25) Chloroform	4.262	83	1765280	195.117	ug/L	99
27) 1,2-Dichloroethane	5.027	62	1331386	201.734	ug/L	97
29) Cyclohexane	4.571	56	1498720	227.552	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	1546548	199.636	ug/L	99
31) Carbon tetrachloride	4.725	117	1360269	199.802	ug/L	99
33) Benzene	4.998	78	3805288	205.645	ug/L	100
34) Trichloroethene	5.821	95	1013628	205.042	ug/L	99
35) Methylcyclohexane	6.040	83	1594359	224.588	ug/L	98
37) 1,2-Dichloropropane	6.082	63	1001368	208.130	ug/L	100
38) Bromodichloromethane	6.420	83	1362293	204.016	ug/L	100
39) cis-1,3-Dichloropropene	6.940	75	1758368	235.513	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	2448505	478.572	ug/L	98
42) Toluene	7.304	91	4041216	210.215	ug/L	99
44) trans-1,3-Dichloropropene	7.567	75	1640688	231.587	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038389.D
 Acq On : 02 Dec 2024 13:22
 Operator : SY/MD
 Sample : VSTD200
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

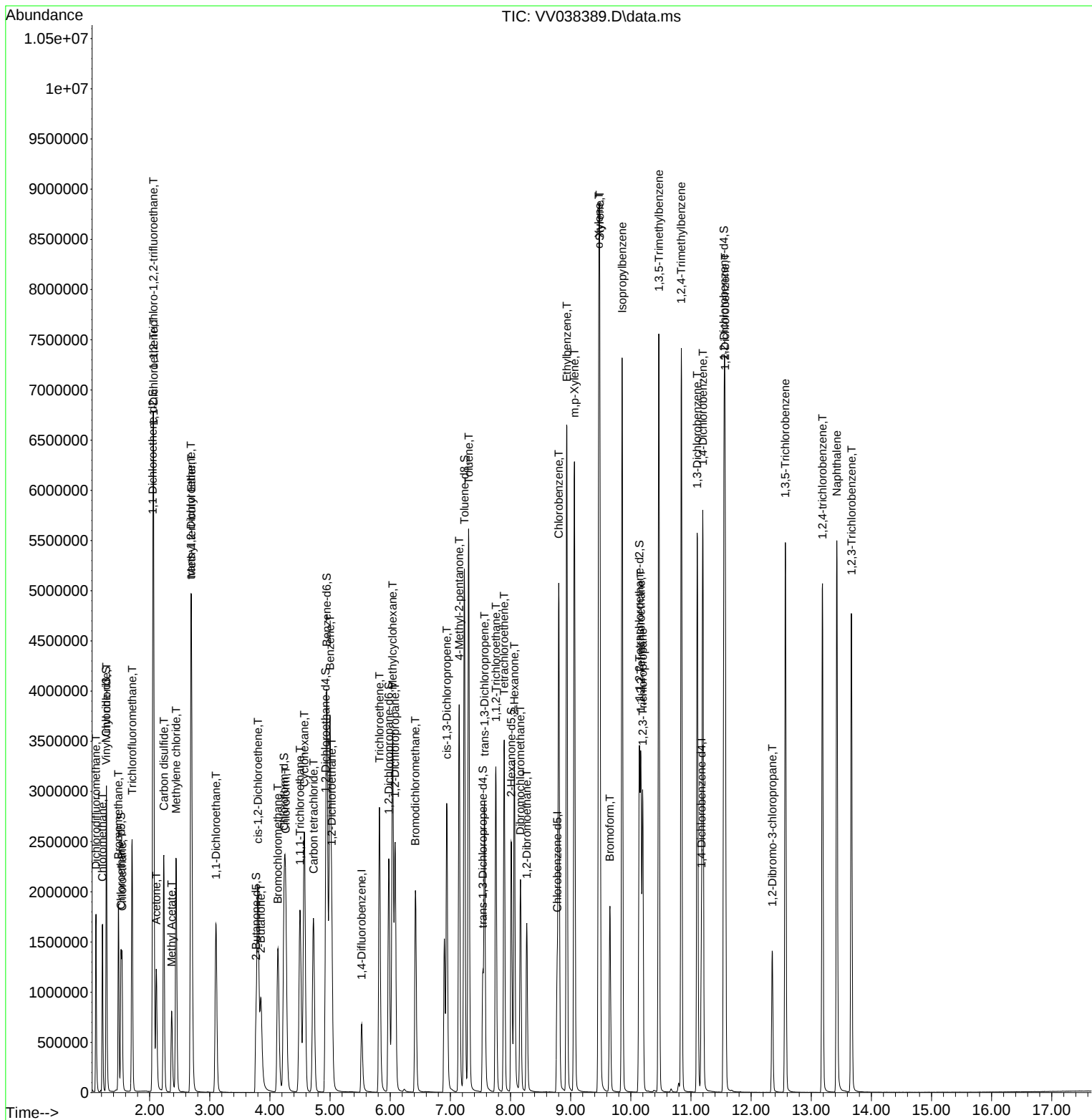
Instrument :
 MSVOA_V
 ClientSampleId :

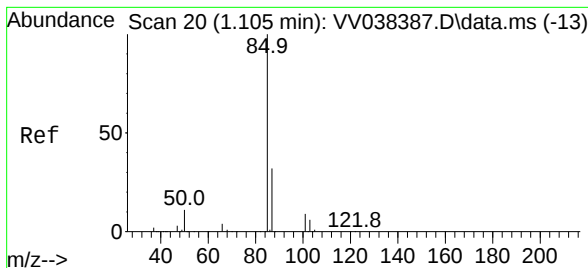
Quant Time: Dec 02 21:00:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 20:56:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	1005882	201.498	ug/L	99
46) Tetrachloroethene	7.895	164	763564	200.069	ug/L	99
48) 2-Hexanone	8.063	43	2019343	479.236	ug/L	99
49) Dibromochloromethane	8.165	129	1087375	211.188	ug/L	99
50) 1,2-Dibromoethane	8.272	107	1093912	207.929	ug/L	99
51) Chlorobenzene	8.802	112	2690353	203.678	ug/L	99
52) Ethylbenzene	8.937	91	4596106	222.908	ug/L	99
53) m,p-Xylene	9.062	106	1774199	227.014	ug/L	97
54) o-Xylene	9.468	106	1741650	231.646	ug/L	98
55) Styrene	9.484	104	3043042	230.539	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.169	83	1586857	204.642	ug/L	99
59) Bromoform	9.654	173	800067	217.237	ug/L	100
60) Isopropylbenzene	9.857	105	4618584	220.460	ug/L	100
61) 1,2,3-Trichloropropane	10.197	75	1198753	200.994	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	3911194	232.673	ug/L	100
63) 1,2,4-Trimethylbenzene	10.841	105	3924221	237.469	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	2208892	205.410	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	2237354	195.714	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	2219019	202.406	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.352	75	353204	224.699	ug/L	98
69) 1,3,5-Trichlorobenzene	12.570	180	1605288	218.863	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	1468414	237.634	ug/L	99
71) Naphthalene	13.426	128	4233851	259.108	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	1371871	226.292	ug/L	100

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

Quant Time: Dec 02 21:00:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 02 20:56:56 2024
Response via : Initial Calibration

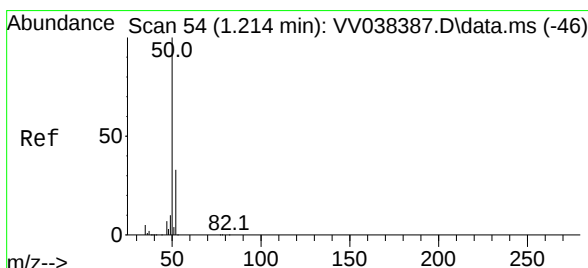
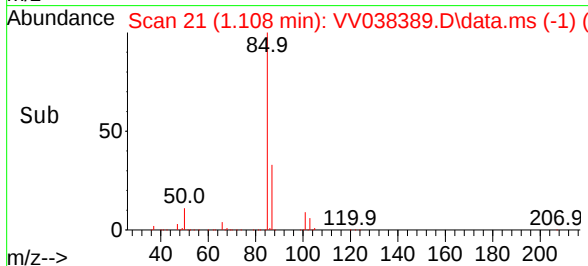
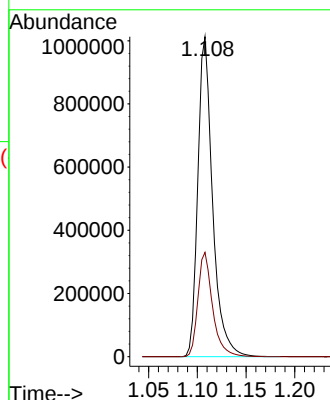
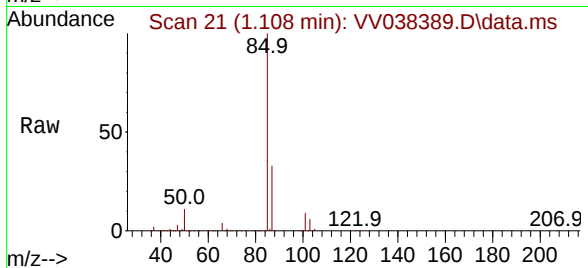




#2
 Dichlorodifluoromethane
 Concen: 188.598 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038389.D
 Acq: 02 Dec 2024 13:22

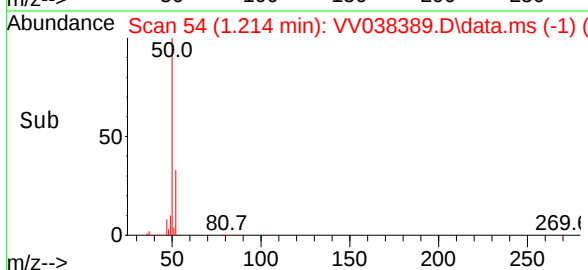
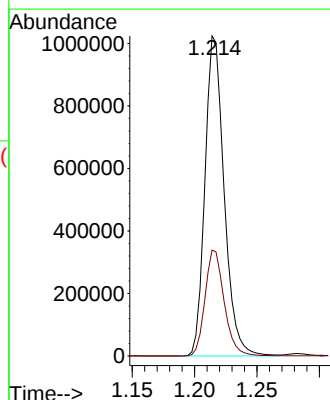
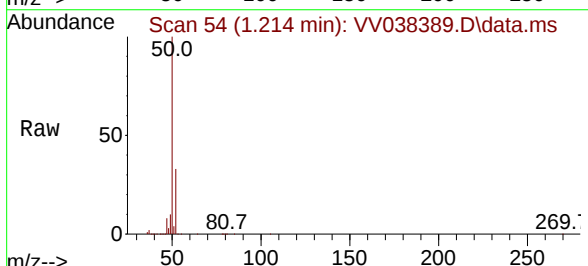
Instrument :
 MSVOA_V
 ClientSampleId :

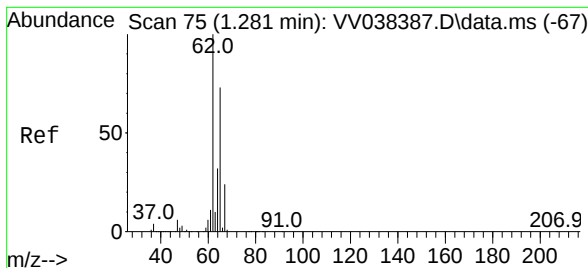
Tgt Ion: 85 Resp: 1068115
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.6



#3
 Chloromethane
 Concen: 187.021 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038389.D
 Acq: 02 Dec 2024 13:22

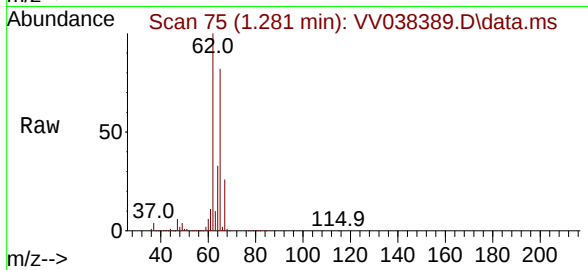
Tgt Ion: 50 Resp: 1098788
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.3



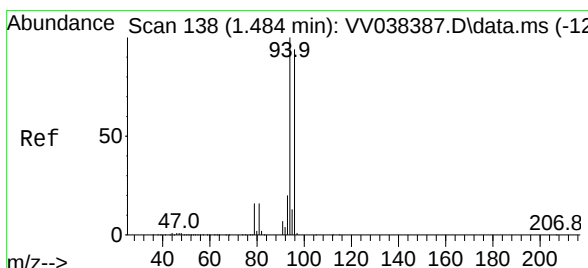
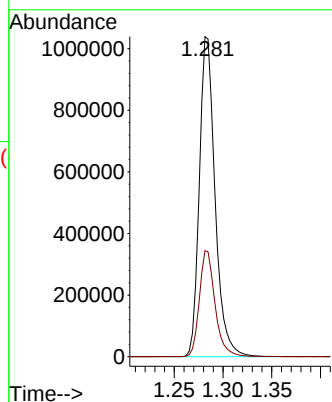
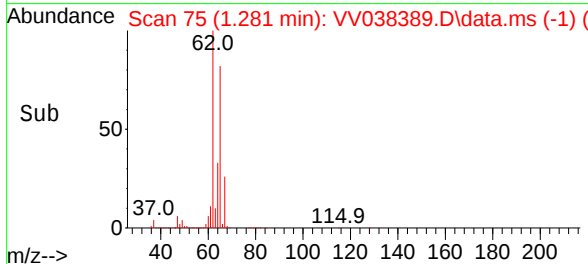


#5
 Vinyl chloride
 Concen: 194.423 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038389.D
 Acq: 02 Dec 2024 13:22

Instrument :
 MSVOA_V
 ClientSampleId :

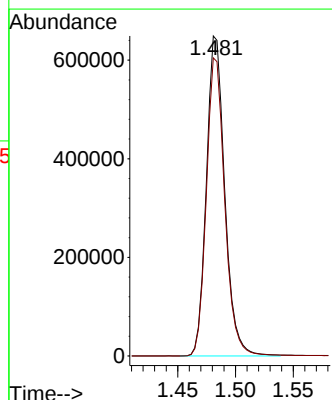
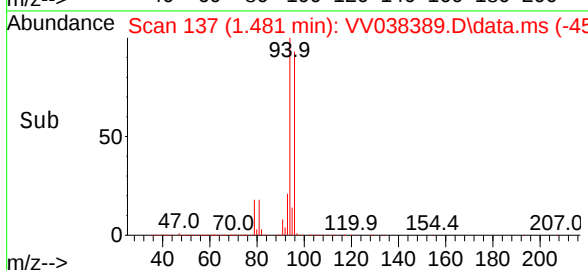
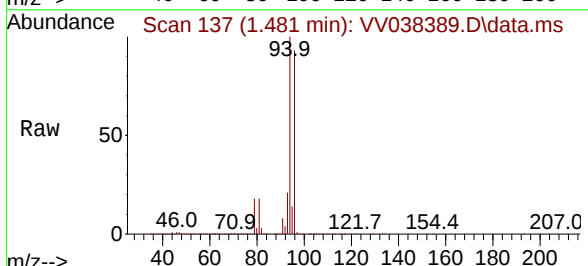


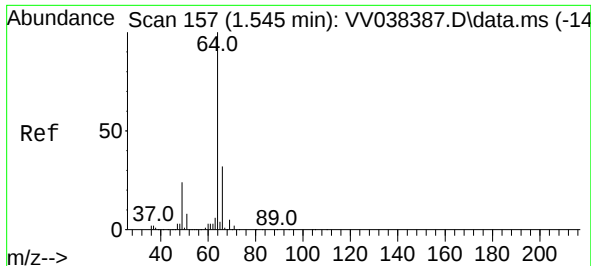
Tgt Ion: 62 Resp: 1165124
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.8 42.4



#6
 Bromomethane
 Concen: 193.299 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV038389.D
 Acq: 02 Dec 2024 13:22

Tgt Ion: 94 Resp: 717728
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.1 122.8

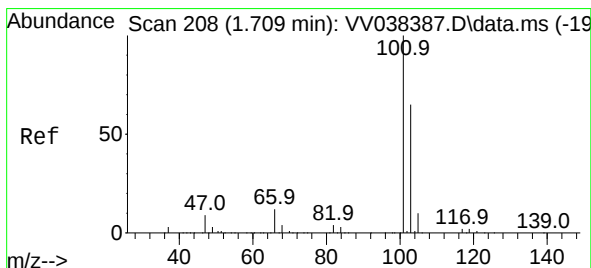
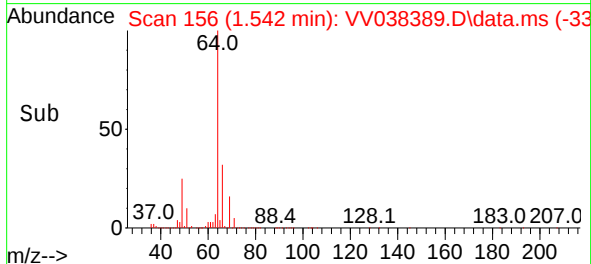
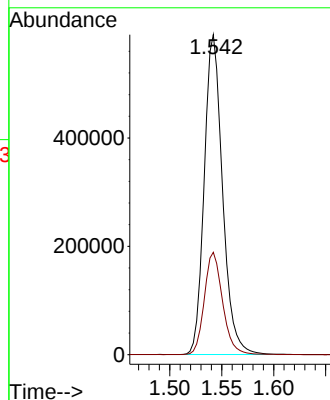
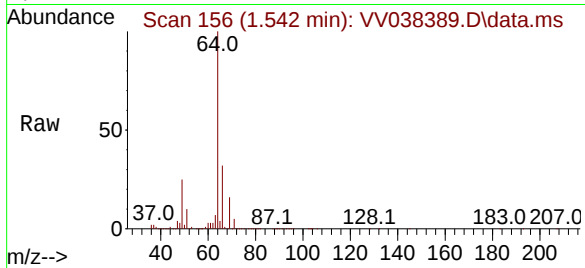




#8
Chloroethane
Concen: 190.659 ug/L
RT: 1.542 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

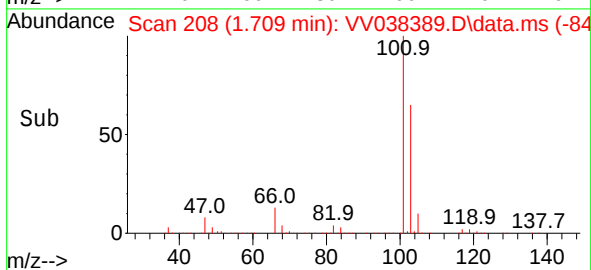
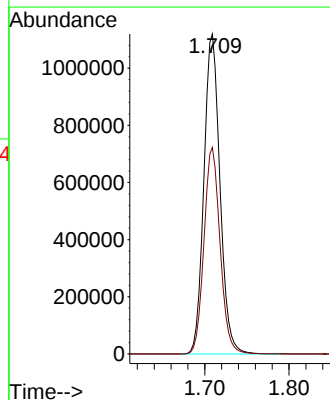
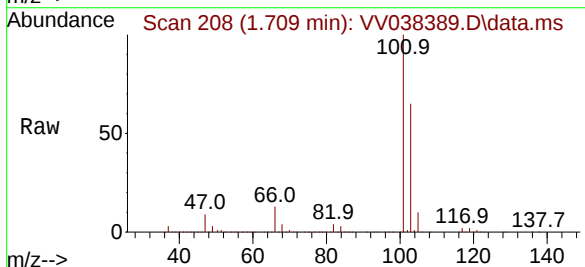
Instrument :
MSVOA_V
ClientSampleId :

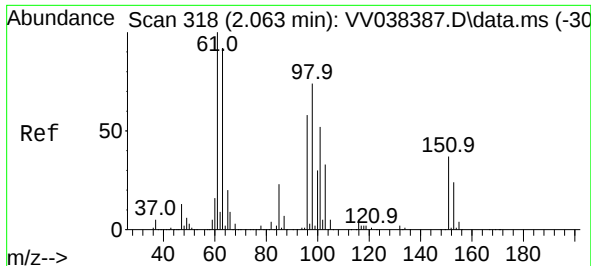
Tgt Ion: 64 Resp: 722964
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 188.650 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Tgt Ion:101 Resp: 1491030
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

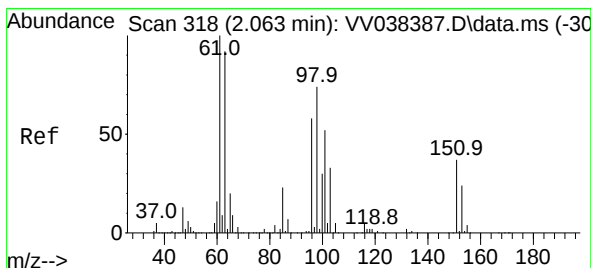
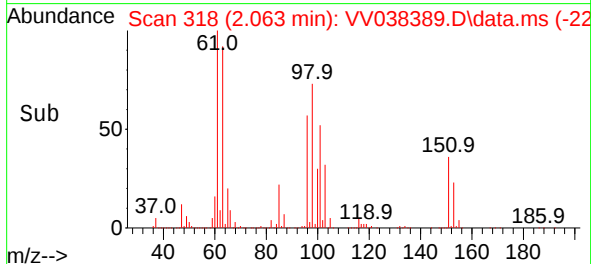
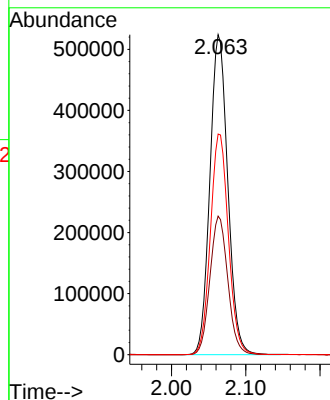
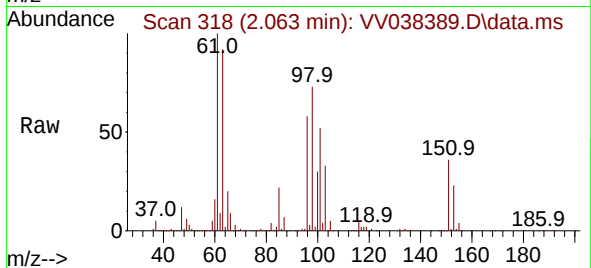




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 192.429 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038389.D
 Acq: 02 Dec 2024 13:22

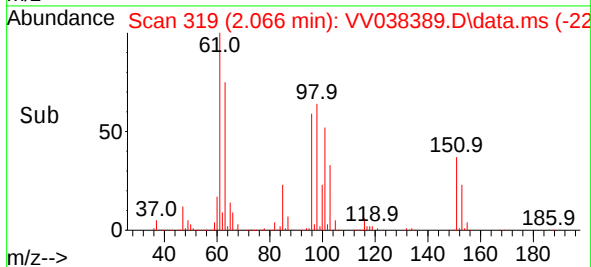
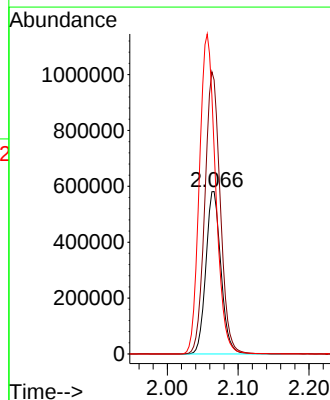
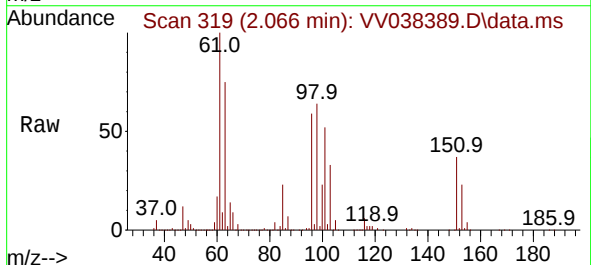
Instrument :
 MSVOA_V
 ClientSampleId :

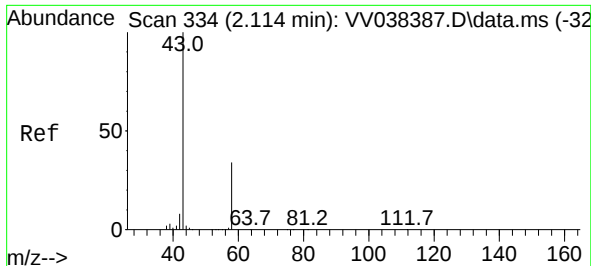
Tgt Ion:101 Resp: 875707
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.7 52.1
 151 69.5 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 197.027 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV038389.D
 Acq: 02 Dec 2024 13:22

Tgt Ion: 96 Resp: 853907
 Ion Ratio Lower Upper
 96 100
 61 168.7 120.9 224.5
 63 126.5 110.9 205.9





#13

Acetone

Concen: 369.343 ug/L

RT: 2.111 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

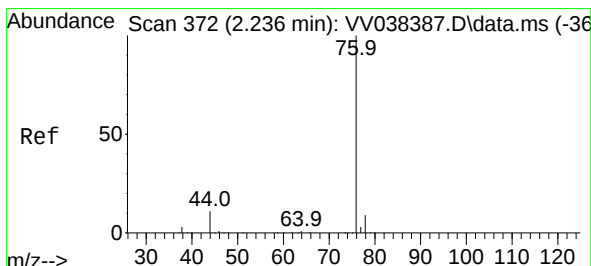
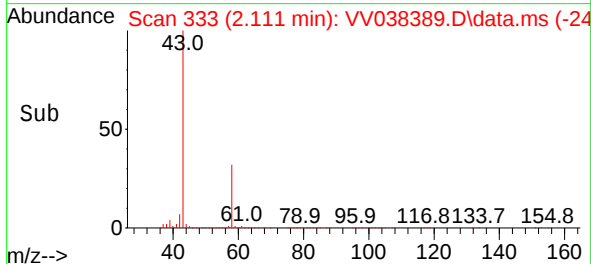
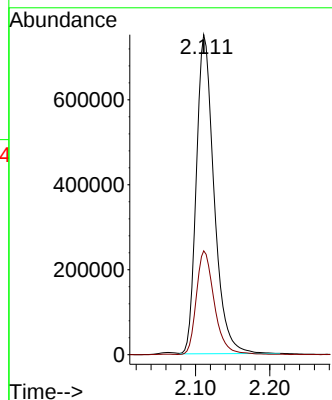
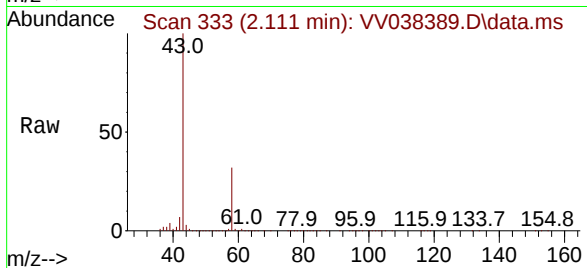
ClientSampleId :

Tgt Ion: 43 Resp: 1249121

Ion Ratio Lower Upper

43 100

58 32.9 0.0 67.2



#14

Carbon disulfide

Concen: 191.752 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038389.D

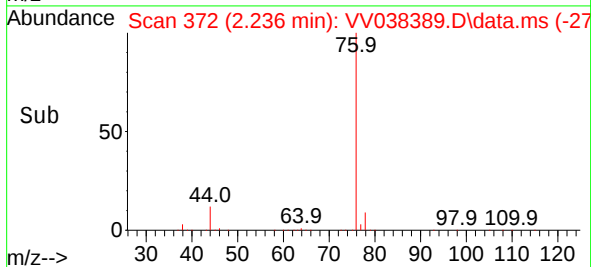
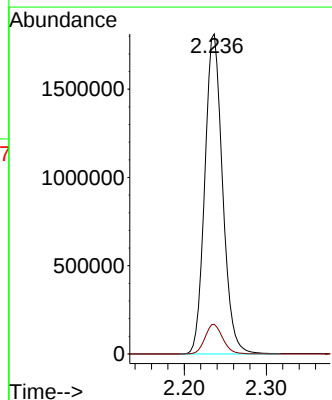
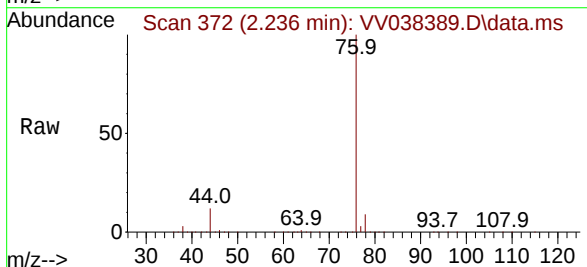
Acq: 02 Dec 2024 13:22

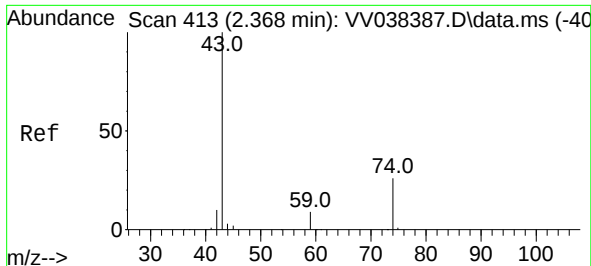
Tgt Ion: 76 Resp: 2735044

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 207.436 ug/L

RT: 2.365 min Scan# 413

Delta R.T. -0.003 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

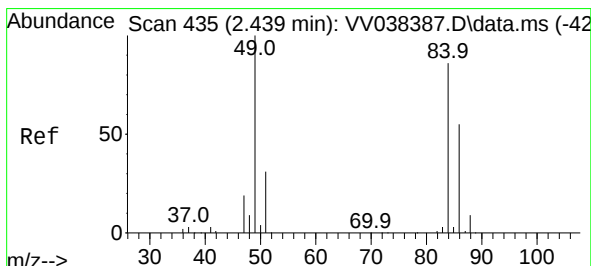
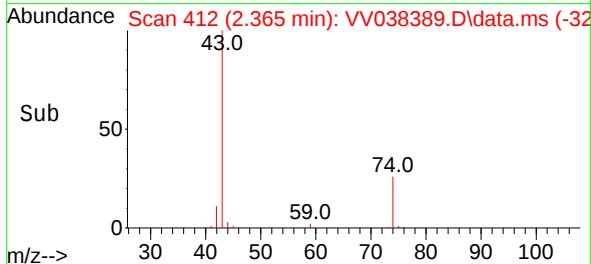
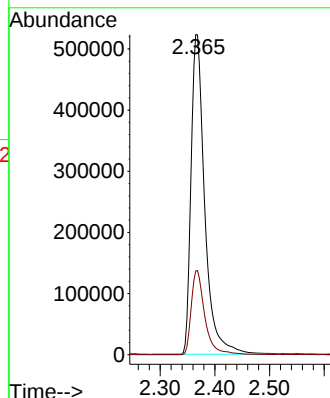
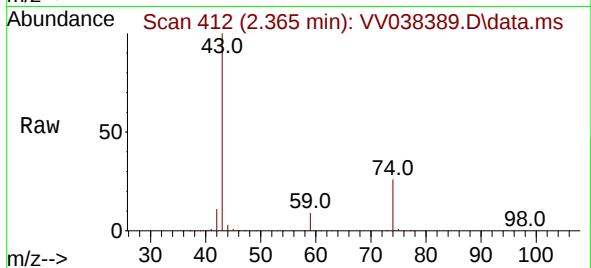
ClientSampleId :

Tgt Ion: 43 Resp: 908005

Ion Ratio Lower Upper

43 100

74 26.0 20.6 31.0



#16

Methylene chloride

Concen: 190.110 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

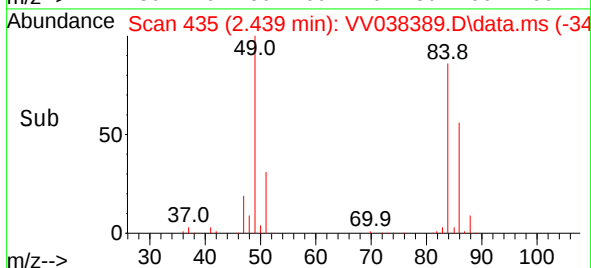
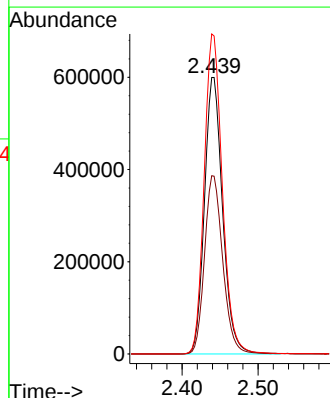
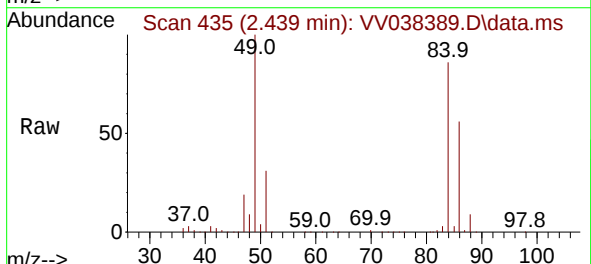
Tgt Ion: 84 Resp: 994195

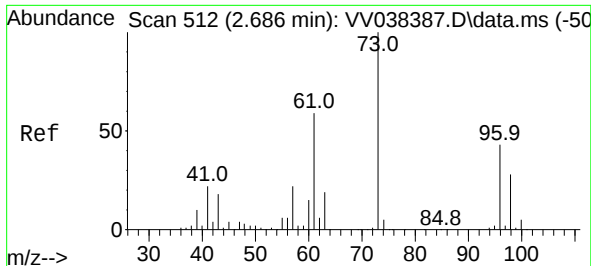
Ion Ratio Lower Upper

84 100

86 64.5 44.5 82.7

49 115.7 81.7 151.7





#17

trans-1,2-Dichloroethene

Concen: 200.136 ug/L

RT: 2.687 min Scan# 512

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

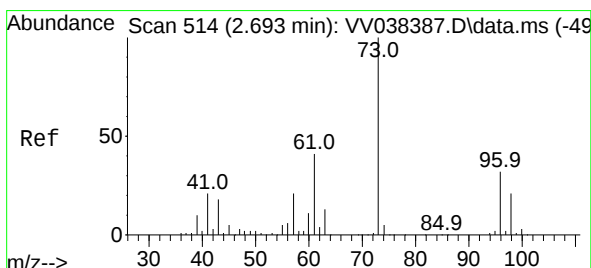
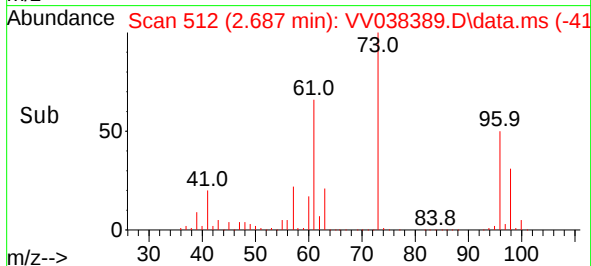
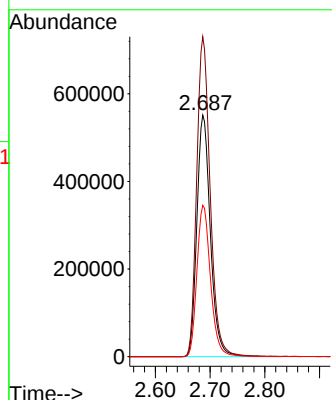
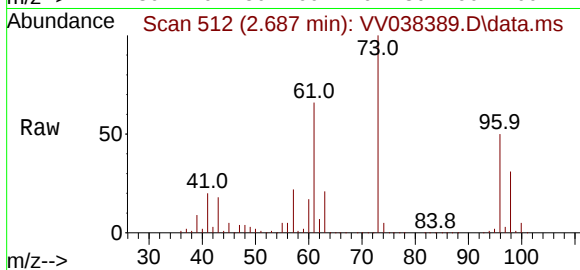
Tgt Ion: 96 Resp: 945826

Ion Ratio Lower Upper

96 100

61 132.4 95.7 177.7

98 62.7 46.4 86.2



#18

Methyl tert-butyl Ether

Concen: 218.126 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

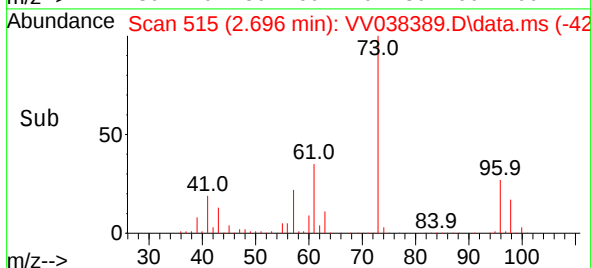
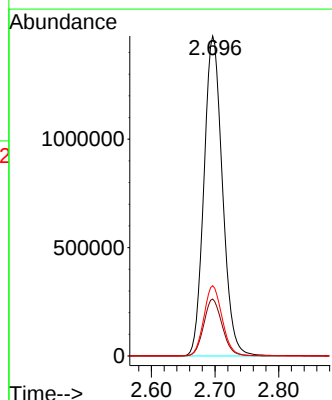
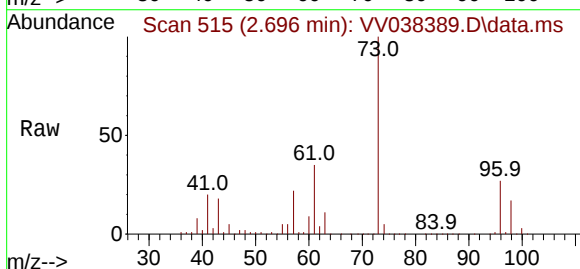
Tgt Ion: 73 Resp: 2977314

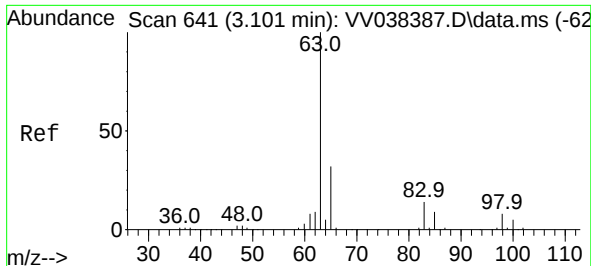
Ion Ratio Lower Upper

73 100

43 17.6 14.7 22.1

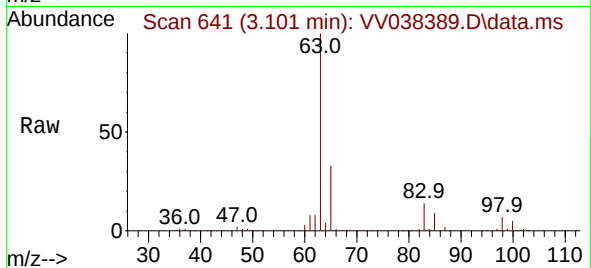
57 21.8 17.7 26.5





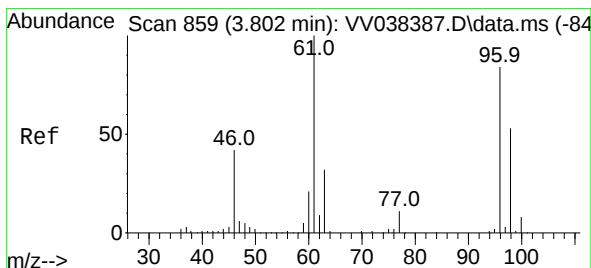
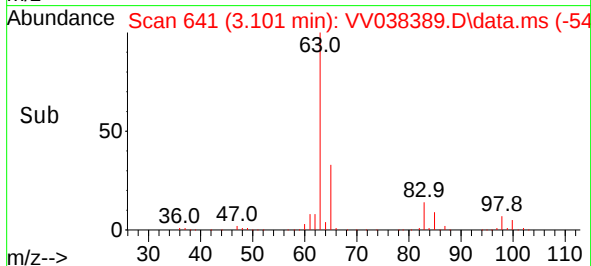
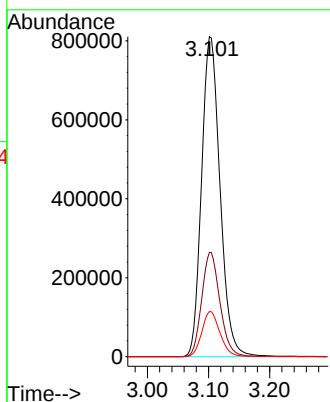
#19
1,1-Dichloroethane
Concen: 196.107 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 1699708

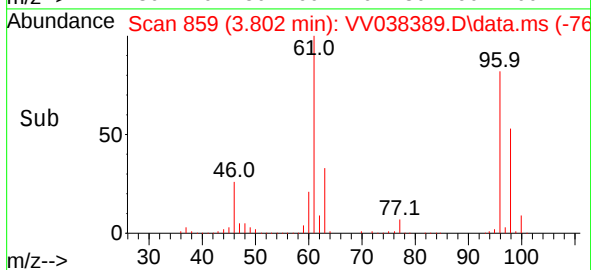
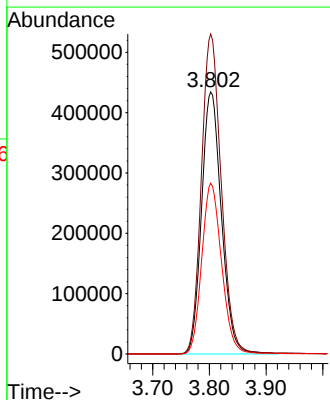
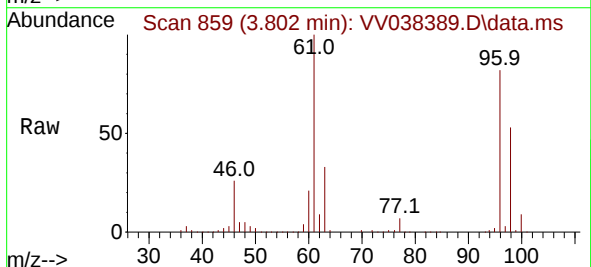
Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.6	42.0
83	14.1	9.8	18.2

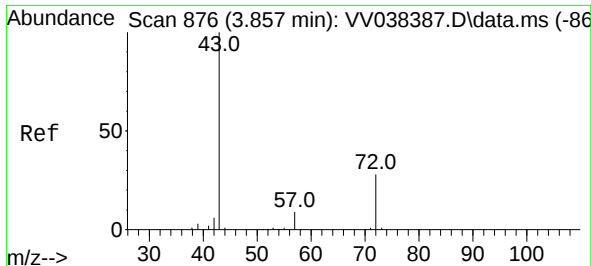


#20
cis-1,2-Dichloroethene
Concen: 212.617 ug/L
RT: 3.802 min Scan# 859
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Tgt Ion: 96 Resp: 1056726

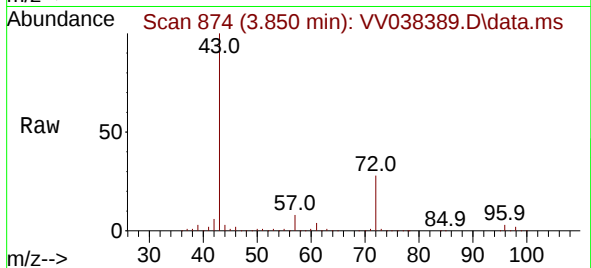
Ion	Ratio	Lower	Upper
96	100		
61	122.1	83.5	155.1
98	65.2	44.6	82.8



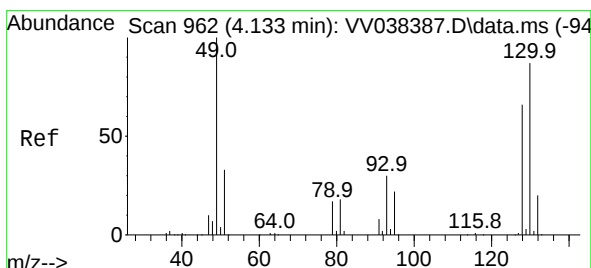
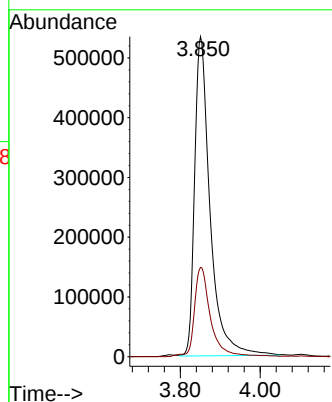
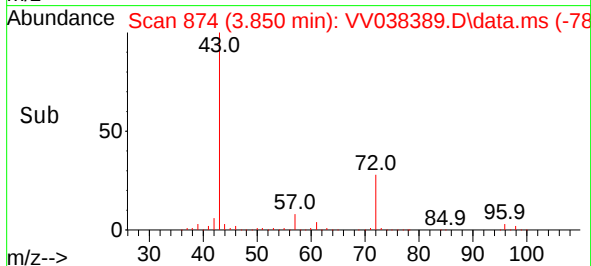


#22
2-Butanone
Concen: 478.552 ug/L
RT: 3.850 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :

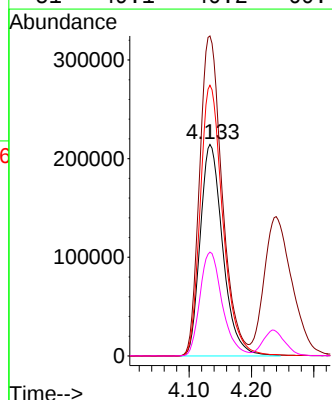
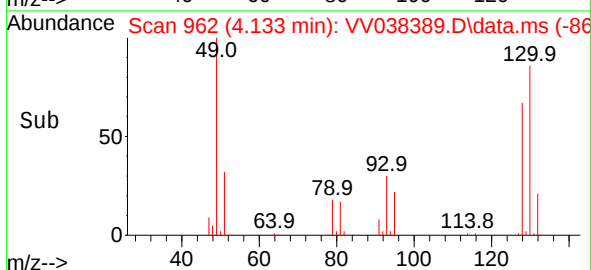
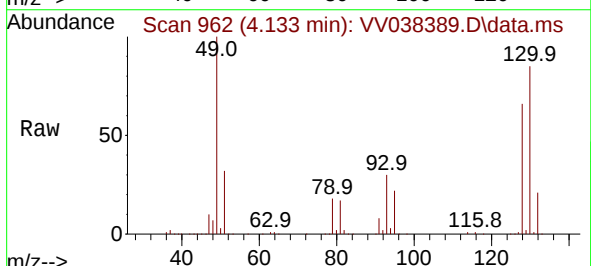


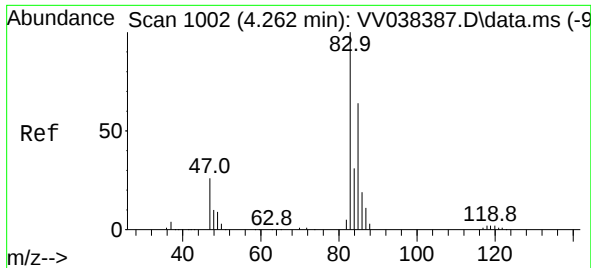
Tgt Ion: 43 Resp: 1437763
Ion Ratio Lower Upper
43 100
72 27.3 12.5 37.5



#23
Bromochloromethane
Concen: 199.340 ug/L
RT: 4.133 min Scan# 962
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Tgt Ion:128 Resp: 538527
Ion Ratio Lower Upper
128 100
49 151.3 106.7 198.3
130 128.0 93.2 173.2
51 49.1 40.2 60.4





#25

Chloroform

Concen: 195.117 ug/L

RT: 4.262 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

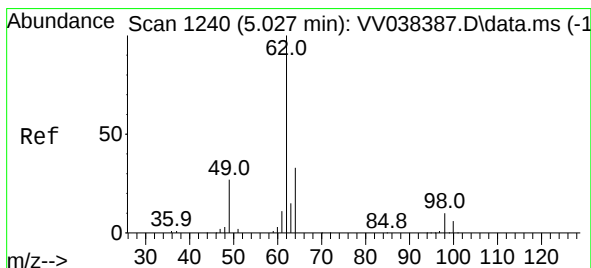
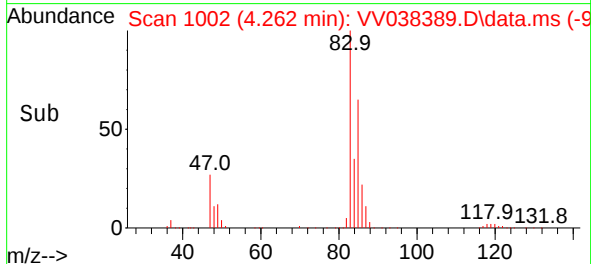
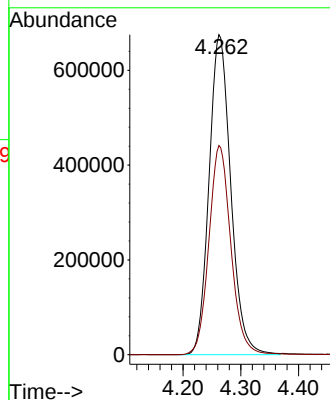
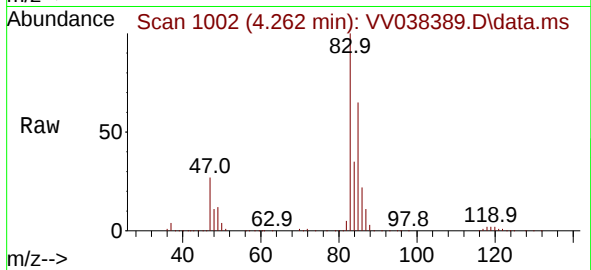
ClientSampleId :

Tgt Ion: 83 Resp: 1765280

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 201.734 ug/L

RT: 5.027 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VV038389.D

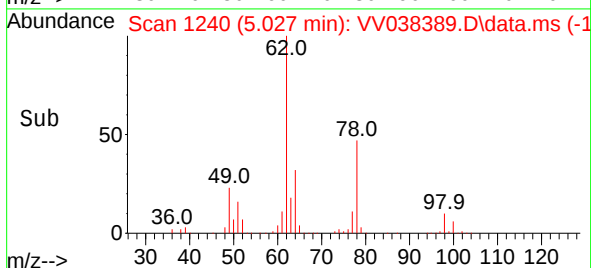
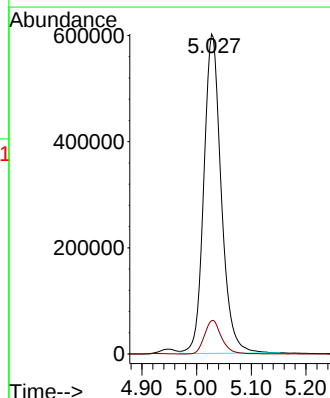
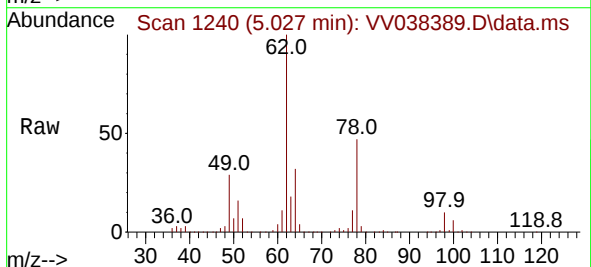
Acq: 02 Dec 2024 13:22

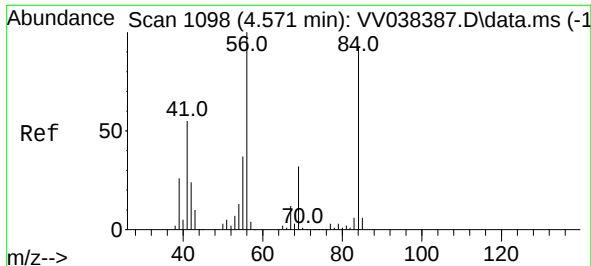
Tgt Ion: 62 Resp: 1331386

Ion Ratio Lower Upper

62 100

98 10.4 7.5 11.3





#29

Cyclohexane

Concen: 227.552 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

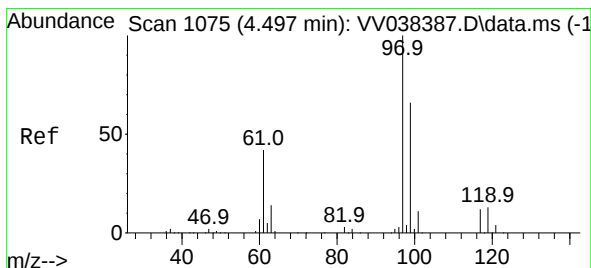
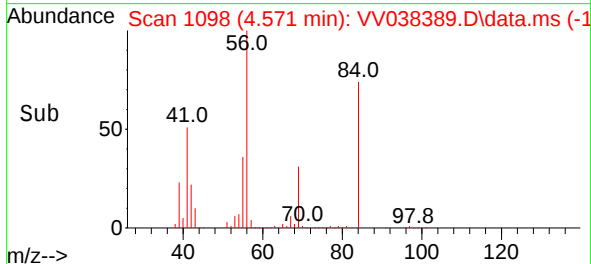
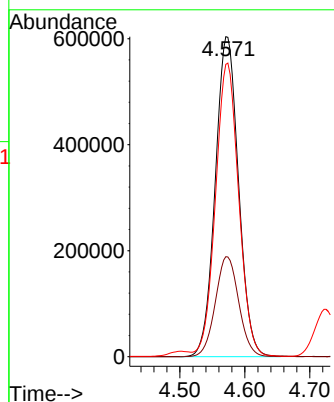
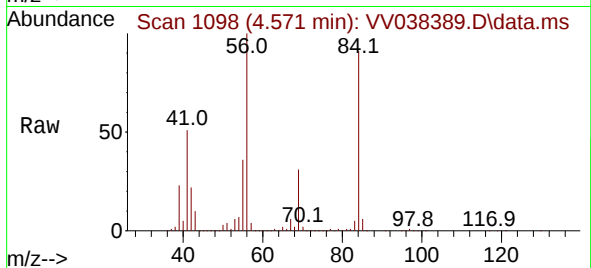
MSVOA_V

ClientSampleId :

Tgt Ion: 56 Resp: 1498720

Ion Ratio Lower Upper

56	100		
69	31.5	24.8	37.2
84	91.4	73.7	110.5



#30

1,1,1-Trichloroethane

Concen: 199.636 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. 0.003 min

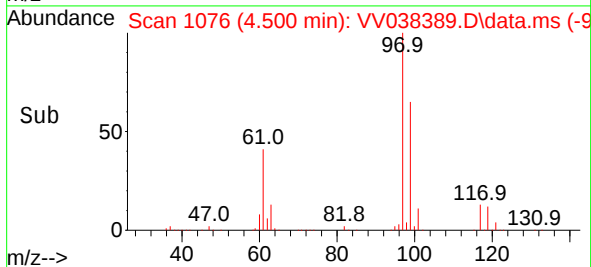
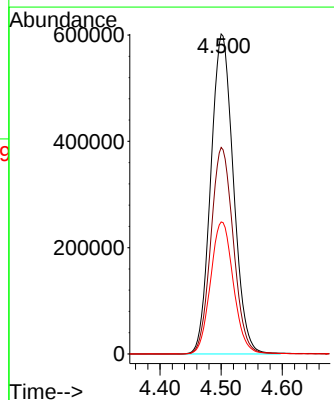
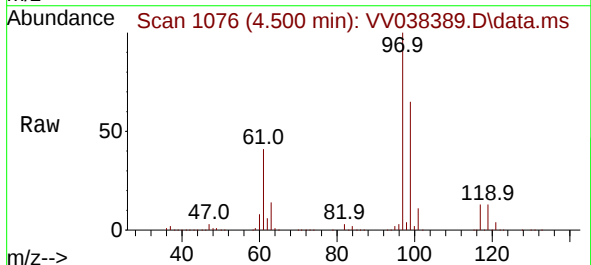
Lab File: VV038389.D

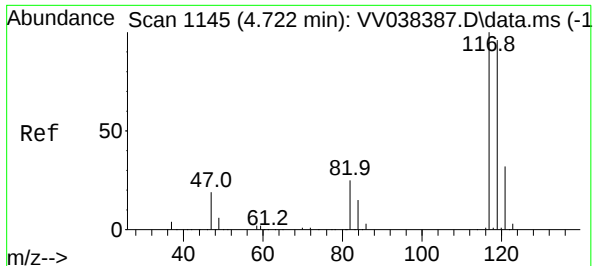
Acq: 02 Dec 2024 13:22

Tgt Ion: 97 Resp: 1546548

Ion Ratio Lower Upper

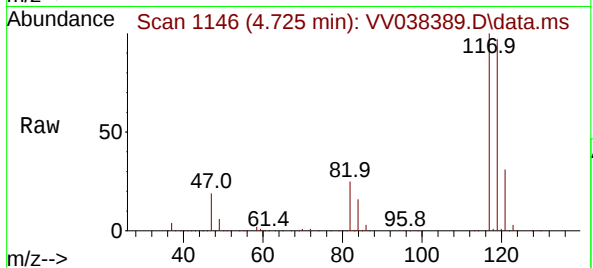
97	100		
99	64.3	52.3	78.5
61	41.8	33.6	50.4



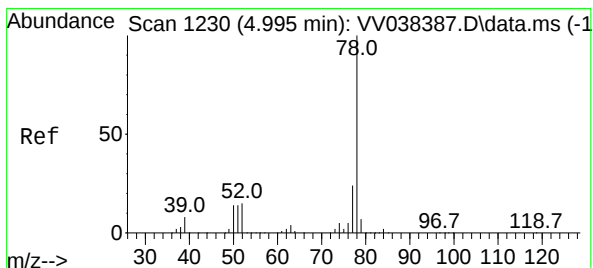
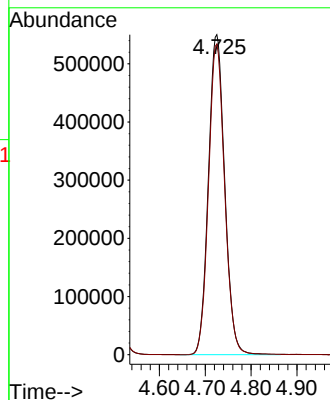
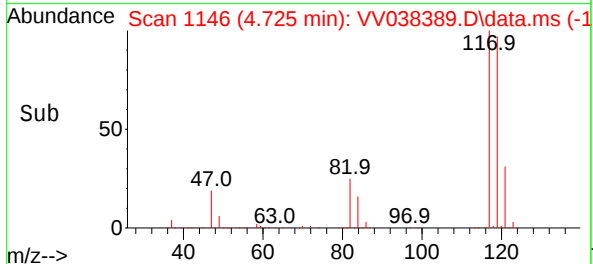


#31
Carbon tetrachloride
Concen: 199.802 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :

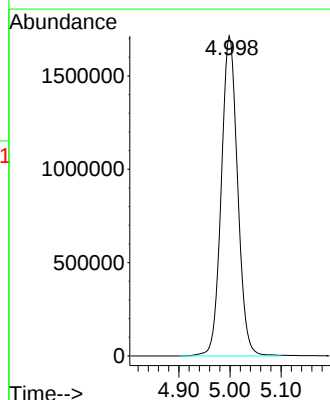
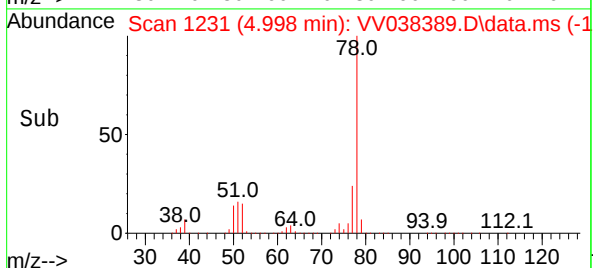
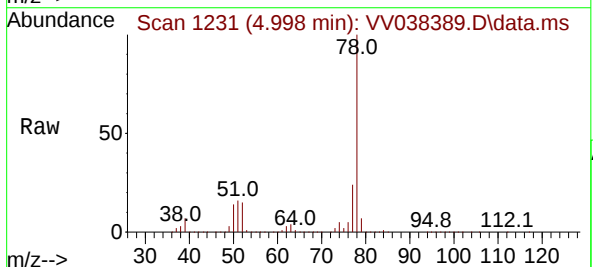


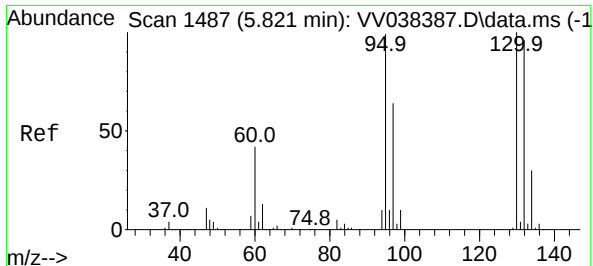
Tgt Ion:117 Resp: 1360269
Ion Ratio Lower Upper
117 100
119 95.9 77.7 116.5



#33
Benzene
Concen: 205.645 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.003 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

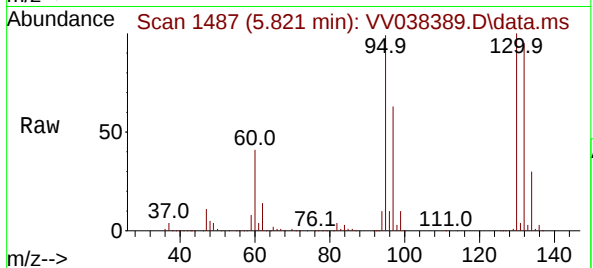
Tgt Ion: 78 Resp: 3805288



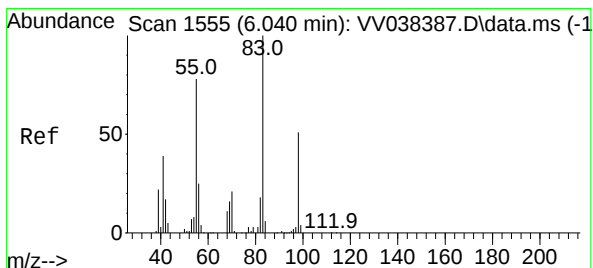
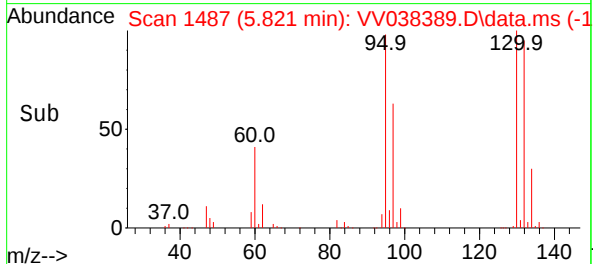
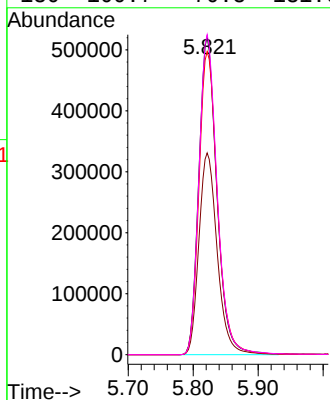


#34
Trichloroethene
Concen: 205.042 ug/L
RT: 5.821 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :

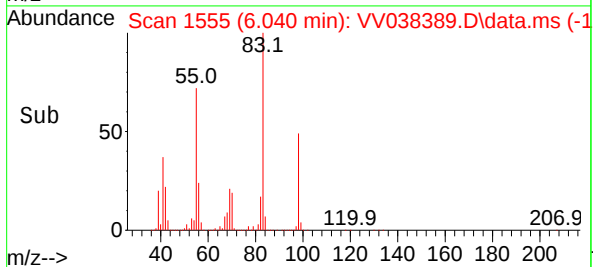
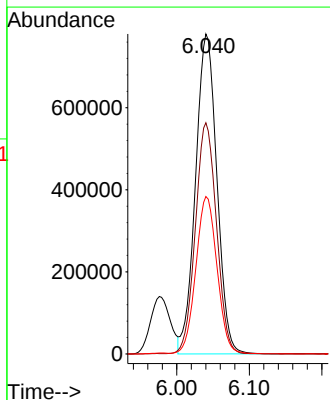
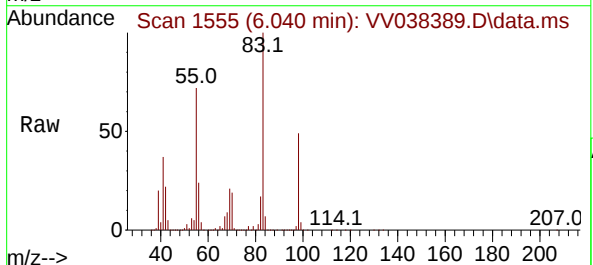


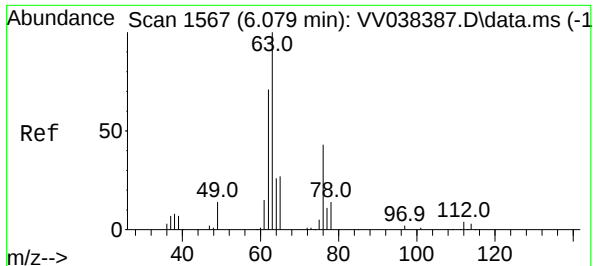
Tgt Ion: 95 Resp: 1013628
Ion Ratio Lower Upper
95 100
97 63.5 45.6 84.8
132 95.4 67.6 125.6
130 100.7 70.8 131.6



#35
Methylcyclohexane
Concen: 224.588 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Tgt Ion: 83 Resp: 1594359
Ion Ratio Lower Upper
83 100
55 71.6 59.0 88.6
98 48.9 39.5 59.3

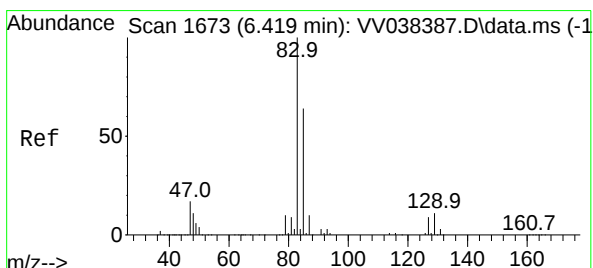
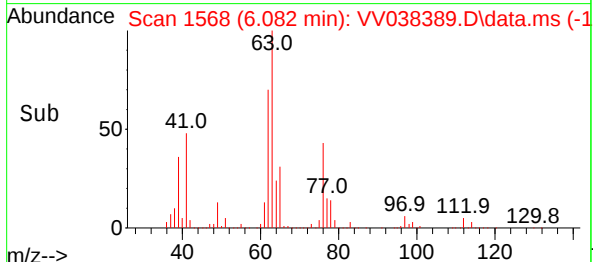
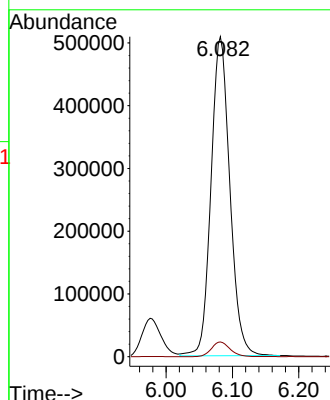
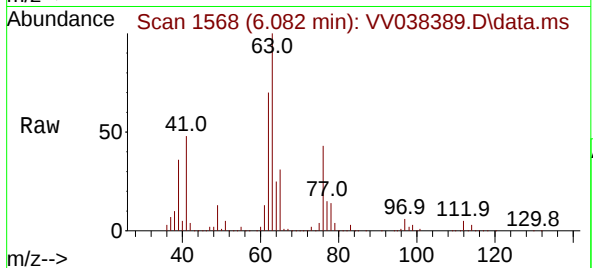




#37
1,2-Dichloropropane
Concen: 208.130 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. 0.003 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

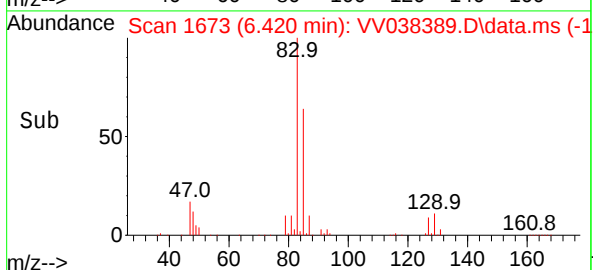
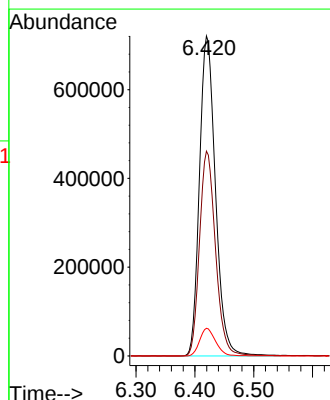
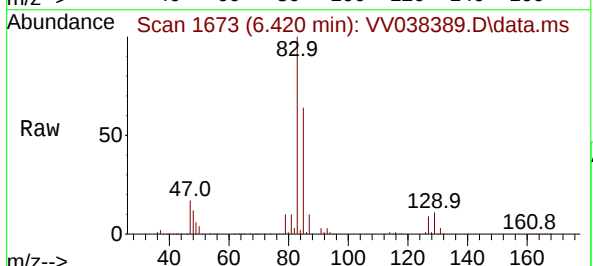
Instrument :
MSVOA_V
ClientSampleId :

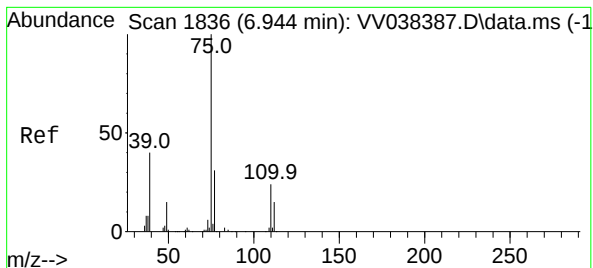
Tgt Ion: 63 Resp: 1001368
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 204.016 ug/L
RT: 6.420 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Tgt Ion: 83 Resp: 1362293
Ion Ratio Lower Upper
83 100
85 64.0 44.9 83.5
127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 235.513 ug/L

RT: 6.940 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

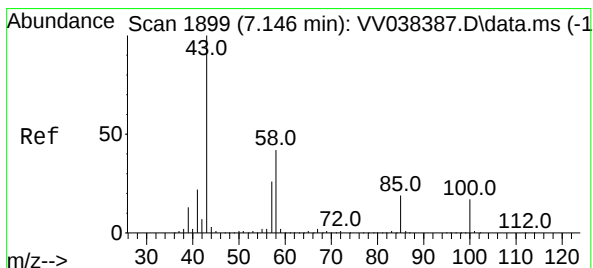
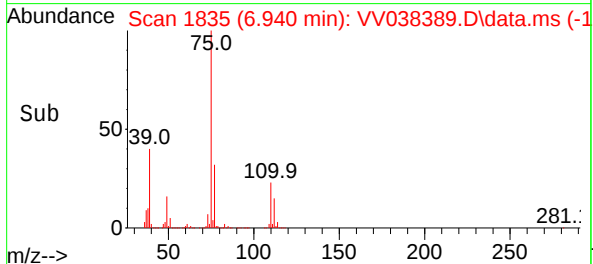
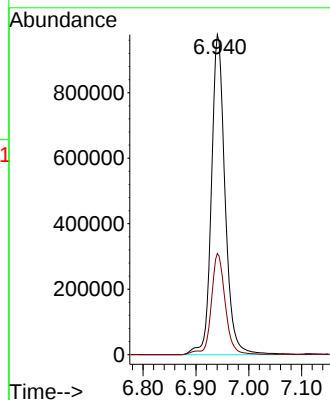
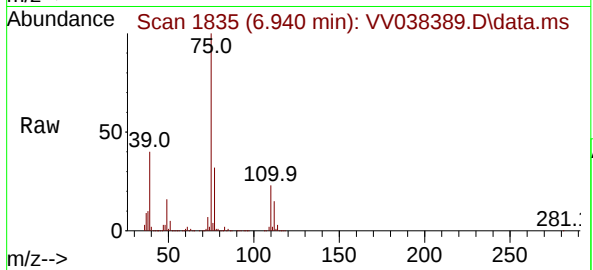
ClientSampleId :

Tgt Ion: 75 Resp: 1758368

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 478.572 ug/L

RT: 7.146 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

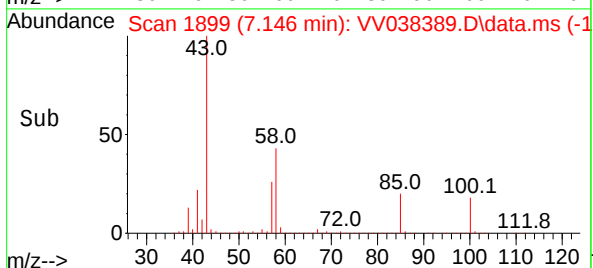
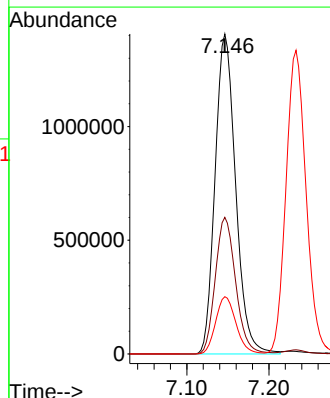
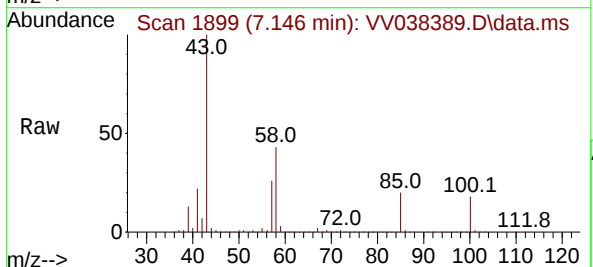
Tgt Ion: 43 Resp: 2448505

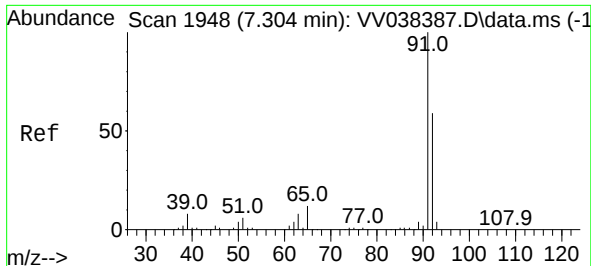
Ion Ratio Lower Upper

43 100

58 42.4 32.7 49.1

100 17.8 13.7 20.5





#42

Toluene

Concen: 210.215 ug/L

RT: 7.304 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

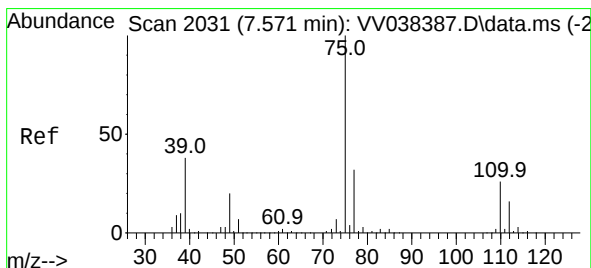
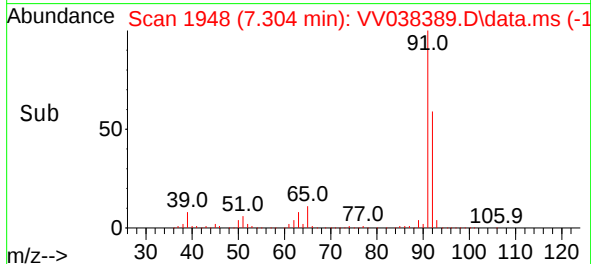
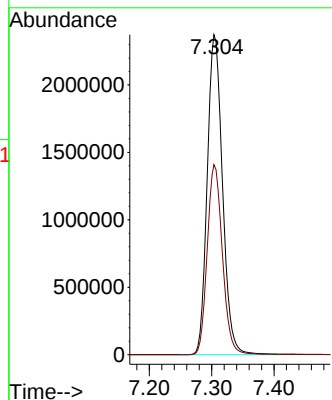
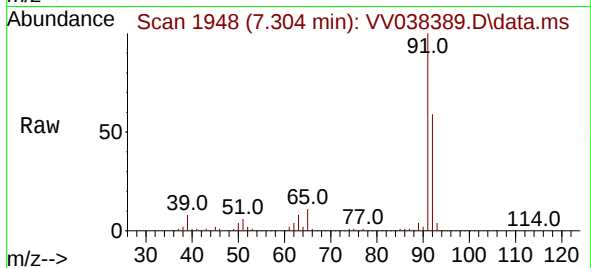
ClientSampleId :

Tgt Ion: 91 Resp: 4041216

Ion Ratio Lower Upper

91 100

92 59.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 231.587 ug/L

RT: 7.567 min Scan# 2030

Delta R.T. -0.003 min

Lab File: VV038389.D

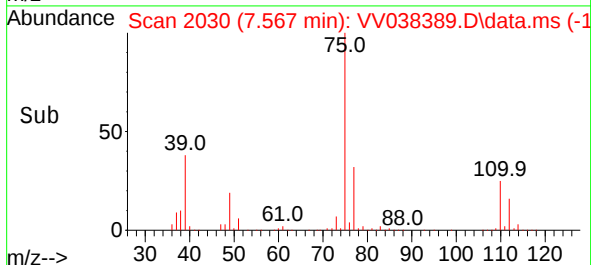
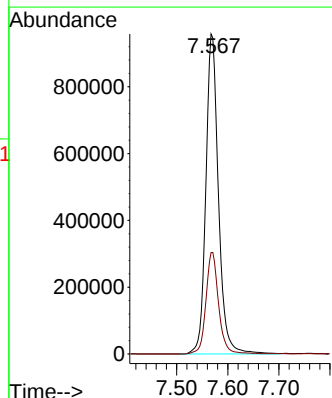
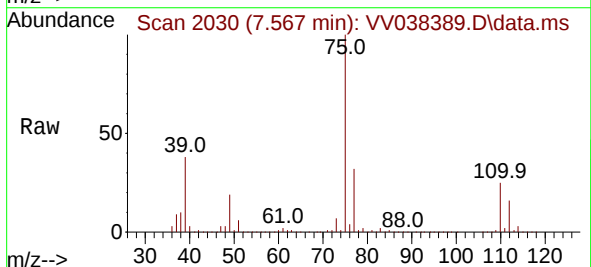
Acq: 02 Dec 2024 13:22

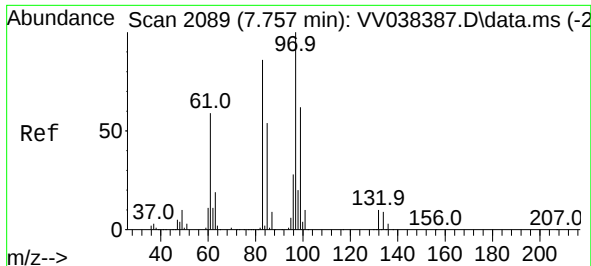
Tgt Ion: 75 Resp: 1640688

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 201.498 ug/L

RT: 7.757 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 1005882

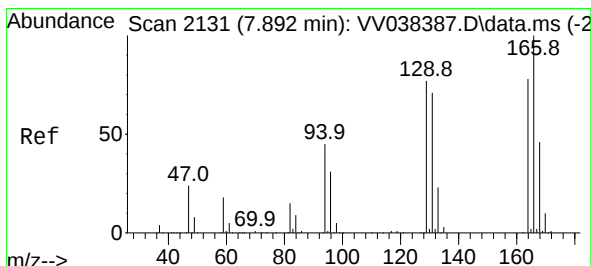
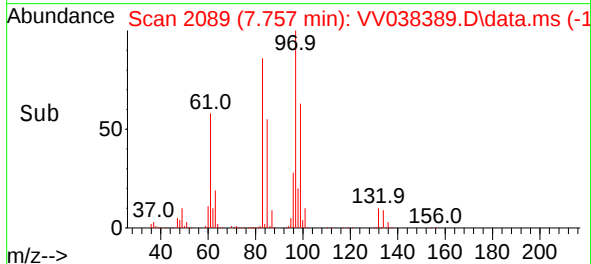
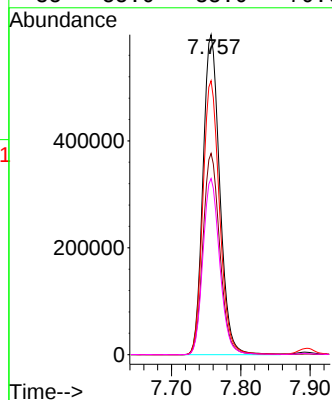
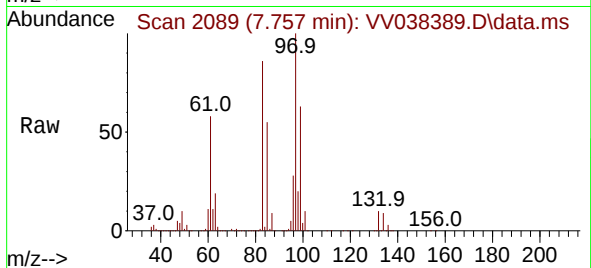
Ion Ratio Lower Upper

97 100

99 62.9 43.6 81.0

83 85.6 60.5 112.5

85 55.0 38.0 70.6



#46

Tetrachloroethene

Concen: 200.069 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.003 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Tgt Ion: 164 Resp: 763564

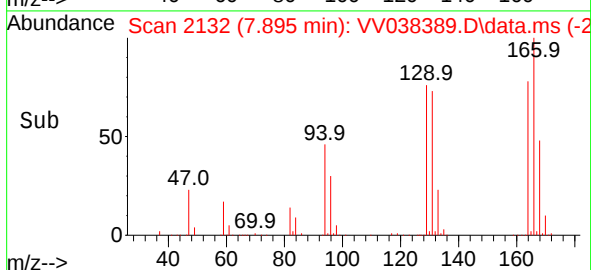
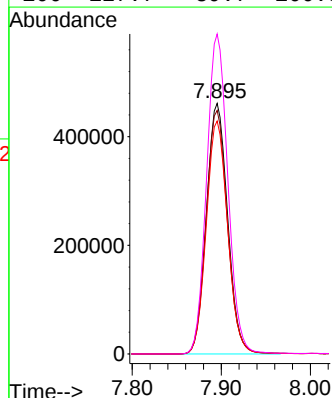
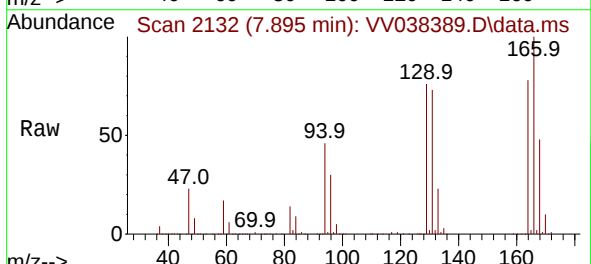
Ion Ratio Lower Upper

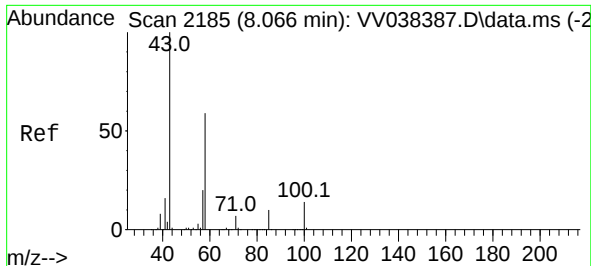
164 100

129 97.2 69.2 128.4

131 93.0 63.1 117.3

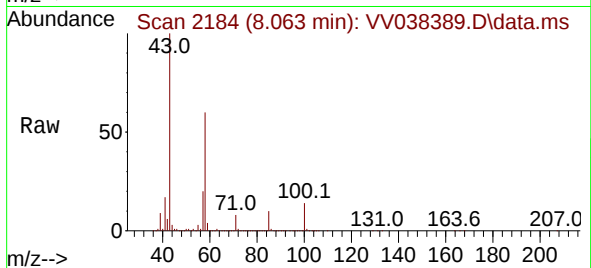
166 127.7 89.7 166.5



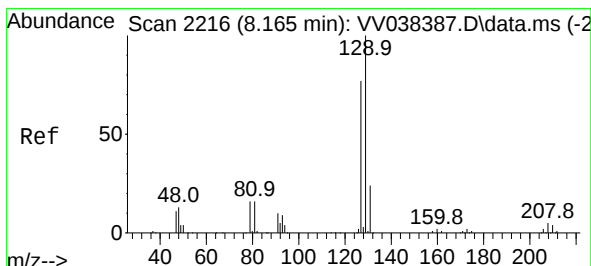
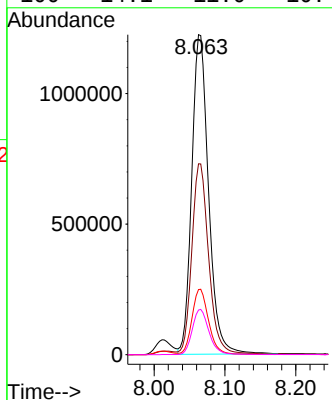
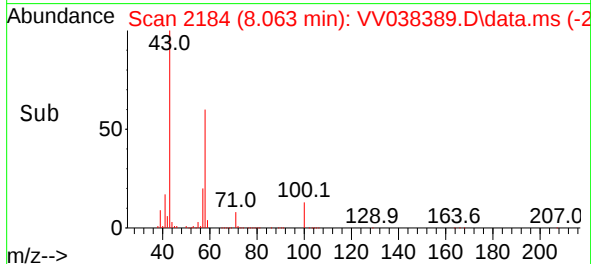


#48
2-Hexanone
Concen: 479.236 ug/L
RT: 8.063 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :

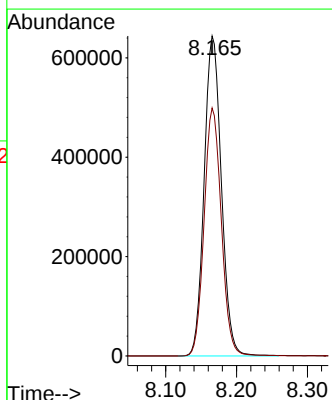
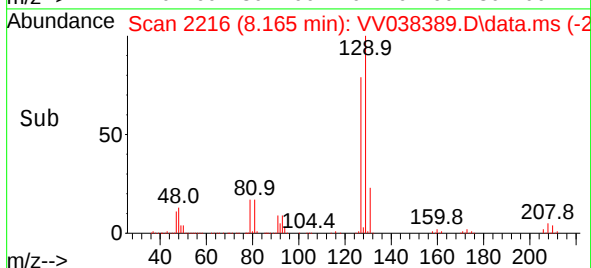
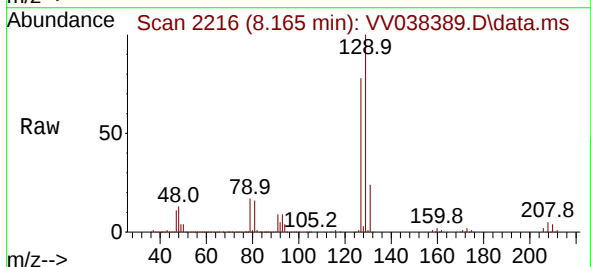


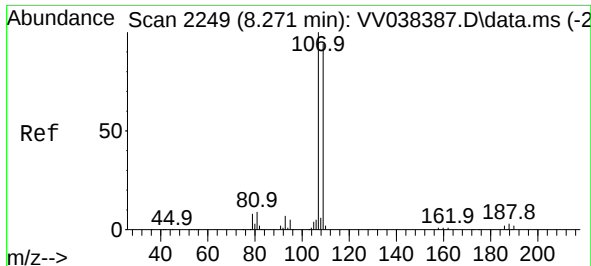
Tgt Ion: 43 Resp: 2019343
Ion Ratio Lower Upper
43 100
58 59.8 48.0 72.0
57 20.3 15.5 23.3
100 14.1 11.0 16.4



#49
Dibromochloromethane
Concen: 211.188 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

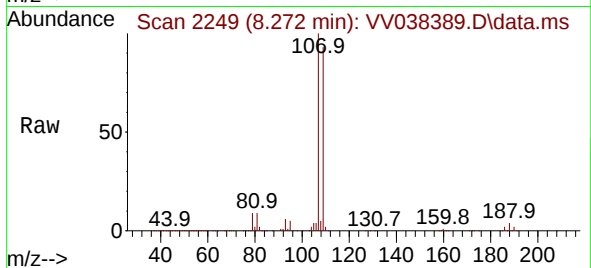
Tgt Ion: 129 Resp: 1087375
Ion Ratio Lower Upper
129 100
127 77.5 53.8 100.0



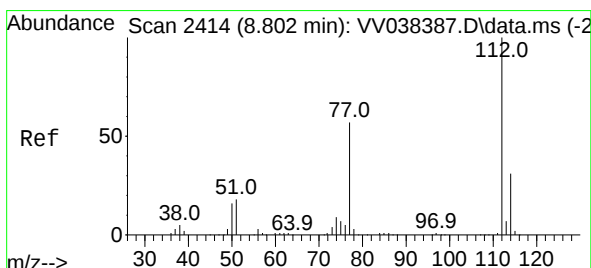
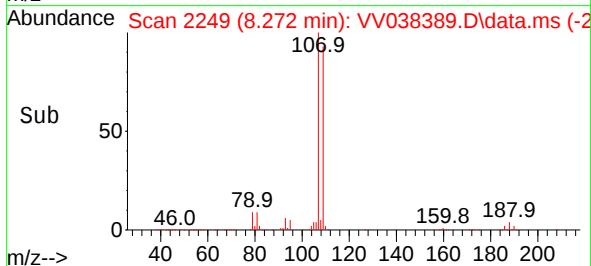
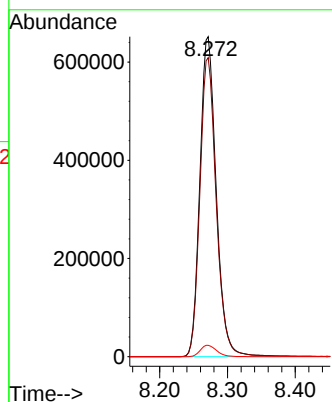


#50
1,2-Dibromoethane
Concen: 207.929 ug/L
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :

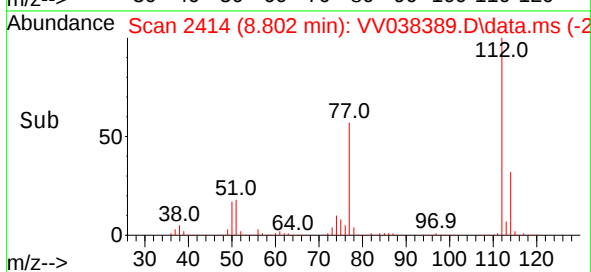
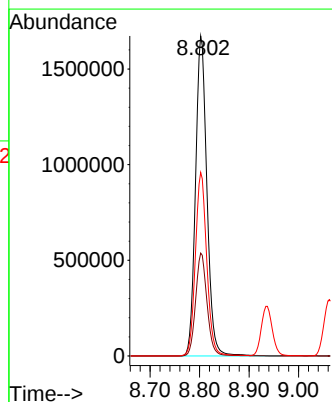
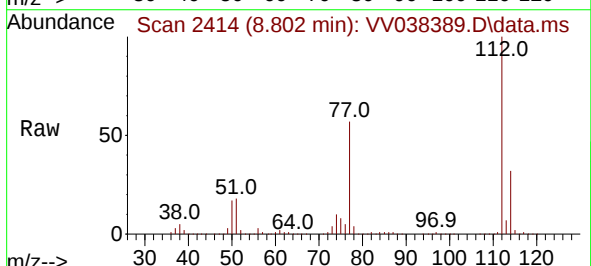


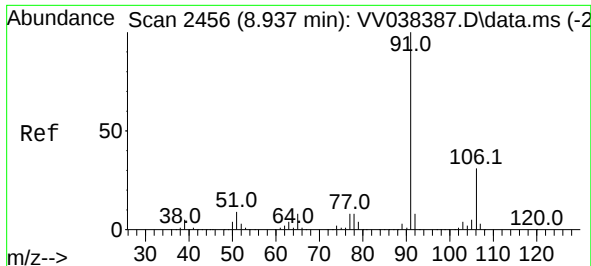
Tgt Ion:107 Resp: 1093912
Ion Ratio Lower Upper
107 100
109 93.5 66.1 122.7
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 203.678 ug/L
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Tgt Ion:112 Resp: 2690353
Ion Ratio Lower Upper
112 100
114 32.1 21.9 40.7
77 57.3 45.4 68.0





#52

Ethylbenzene

Concen: 222.908 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

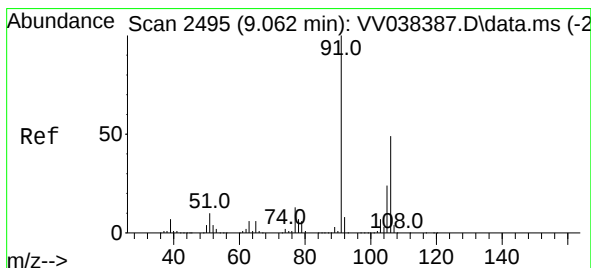
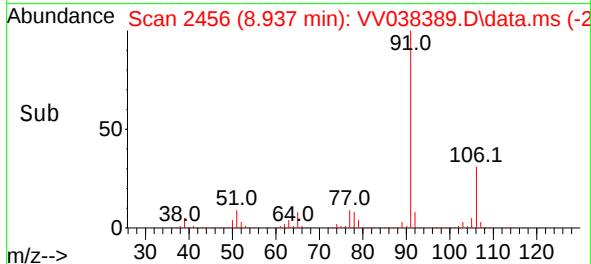
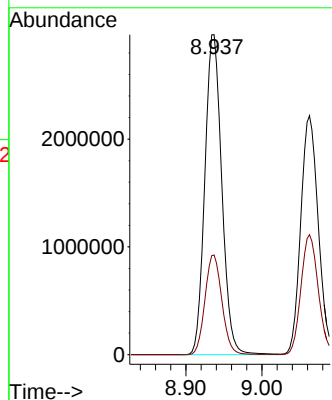
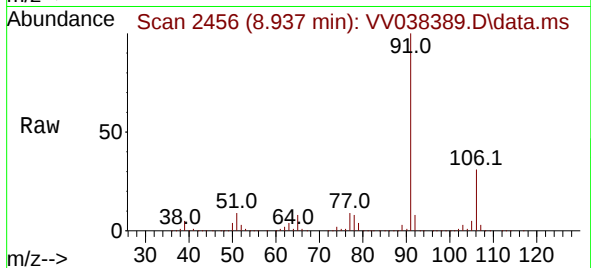
ClientSampleId :

Tgt Ion: 91 Resp: 4596106

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



#53

m,p-Xylene

Concen: 227.014 ug/L

RT: 9.062 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038389.D

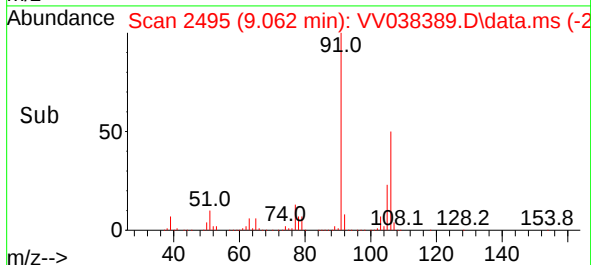
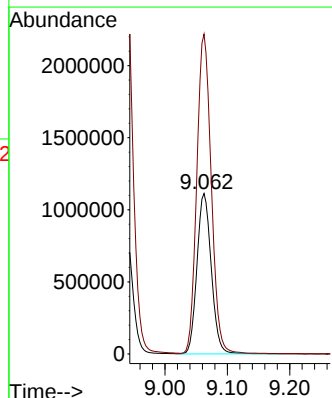
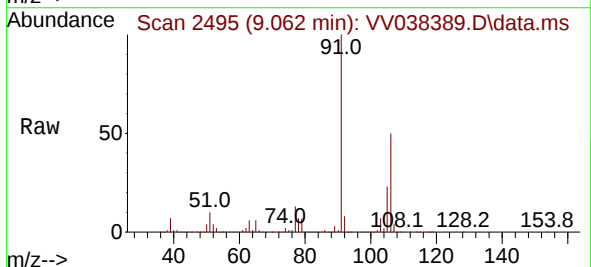
Acq: 02 Dec 2024 13:22

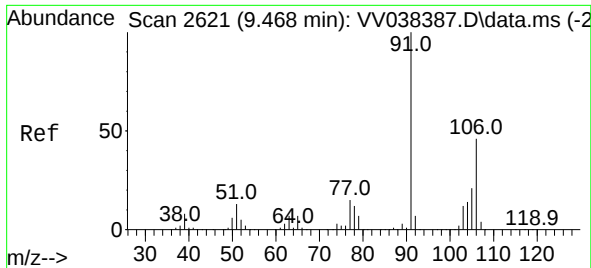
Tgt Ion: 106 Resp: 1774199

Ion Ratio Lower Upper

106 100

91 199.2 142.6 264.8

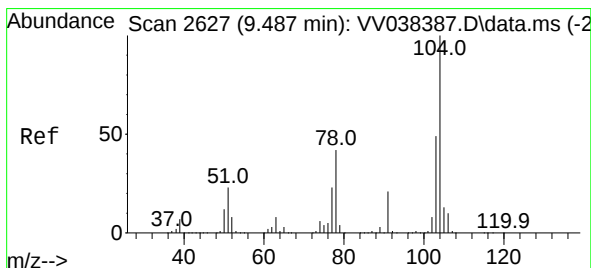
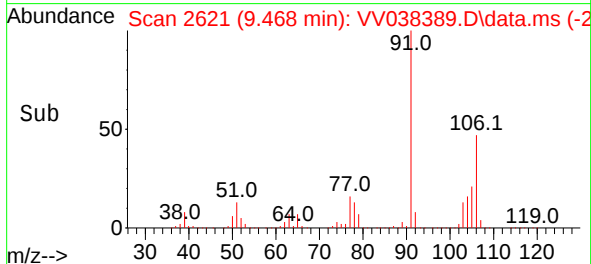
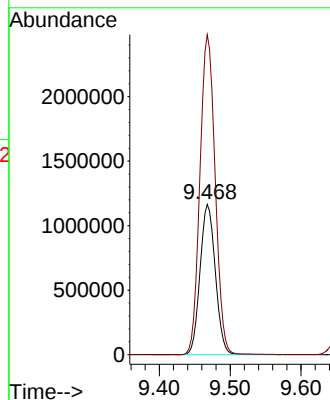
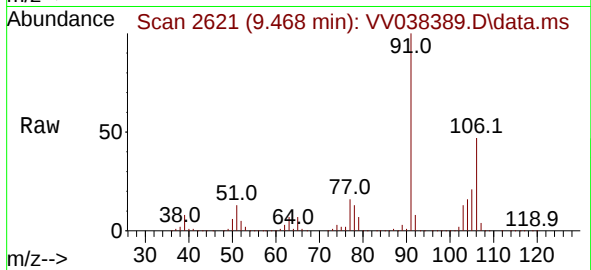




#54
o-Xylene
Concen: 231.646 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

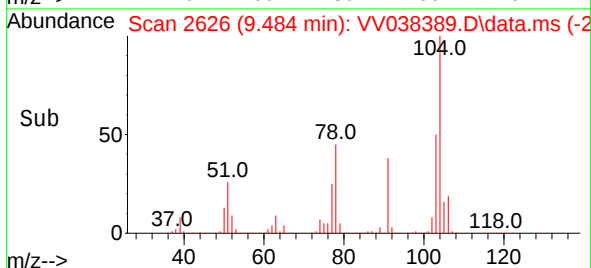
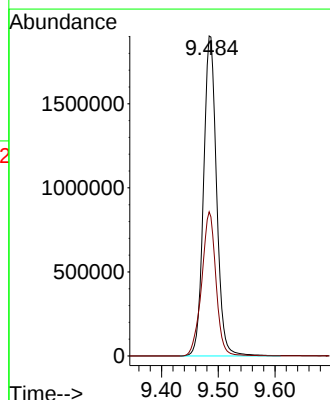
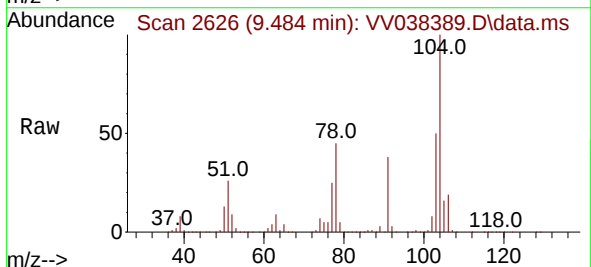
Instrument :
MSVOA_V
ClientSampleId :

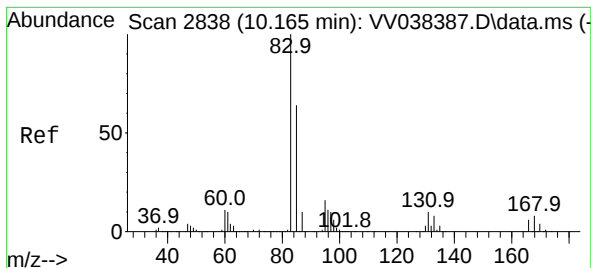
Tgt Ion:106 Resp: 1741650
Ion Ratio Lower Upper
106 100
91 212.9 151.1 280.7



#55
Styrene
Concen: 230.539 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.003 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

Tgt Ion:104 Resp: 3043042
Ion Ratio Lower Upper
104 100
78 45.1 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 204.642 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. 0.003 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

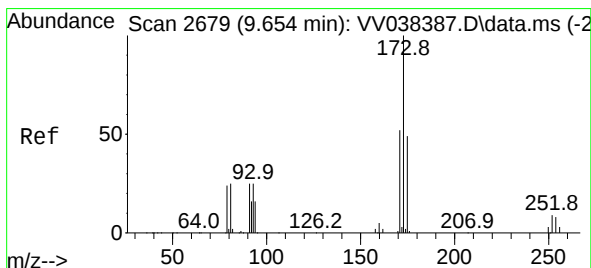
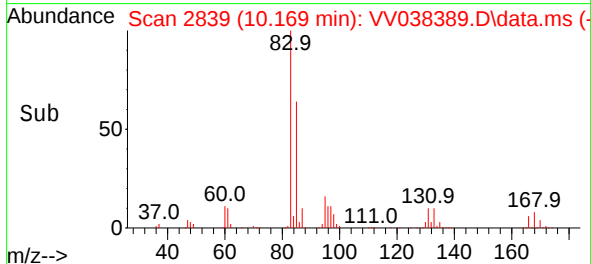
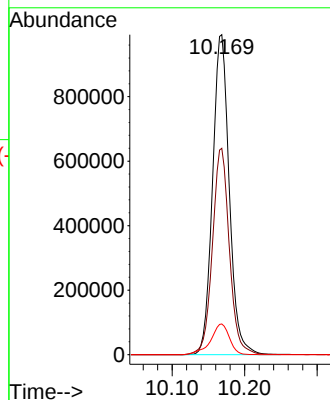
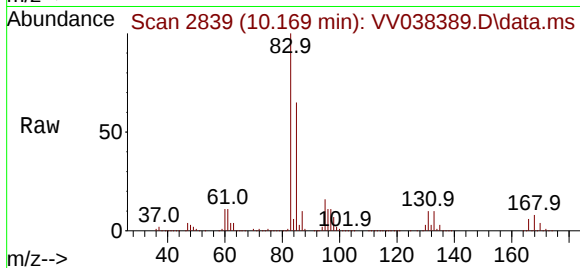
Tgt Ion: 83 Resp: 1586857

Ion Ratio Lower Upper

83 100

85 64.5 44.7 82.9

131 9.6 8.0 12.0



#59

Bromoform

Concen: 217.237 ug/L

RT: 9.654 min Scan# 2679

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

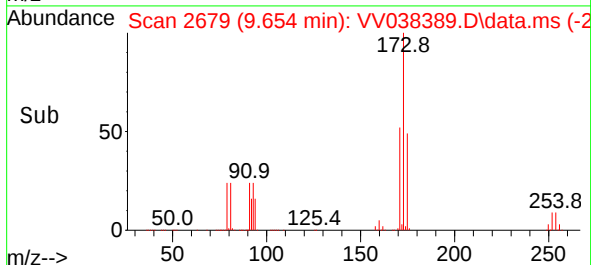
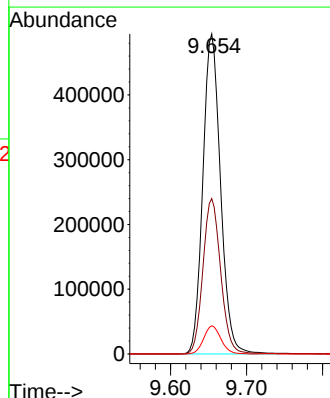
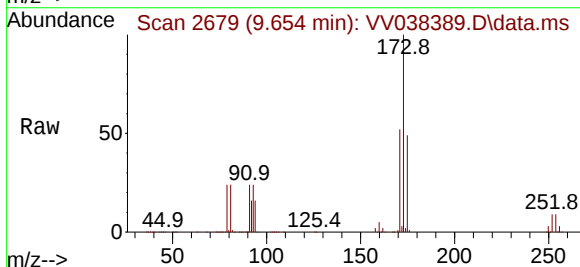
Tgt Ion:173 Resp: 800067

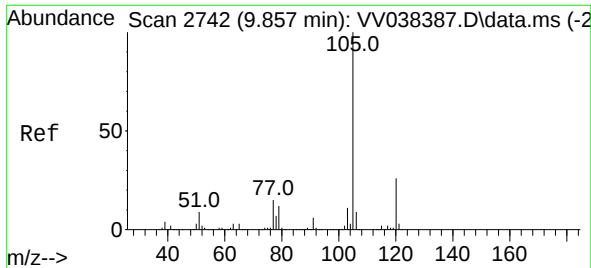
Ion Ratio Lower Upper

173 100

175 48.5 38.8 58.2

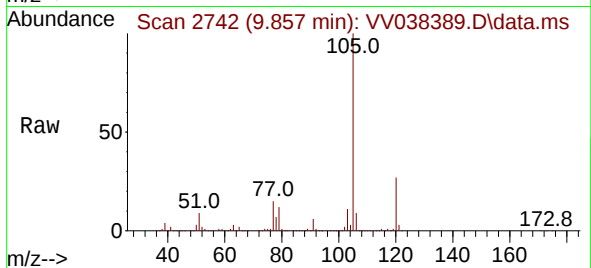
254 8.6 6.9 10.3



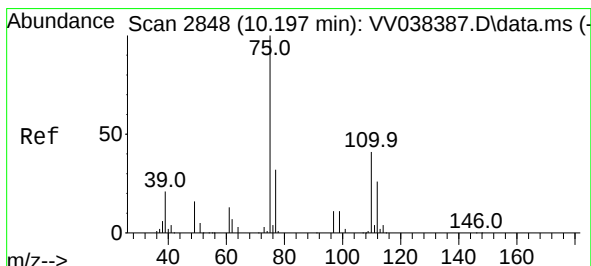
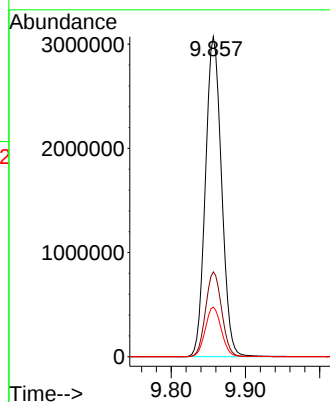
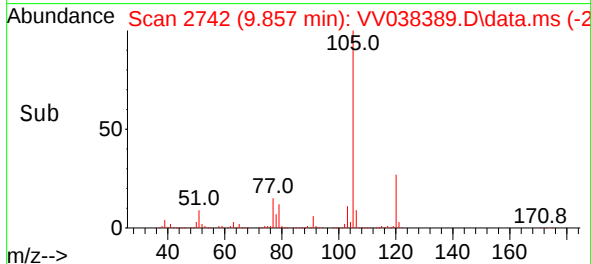


#60
Isopropylbenzene
Concen: 220.460 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22

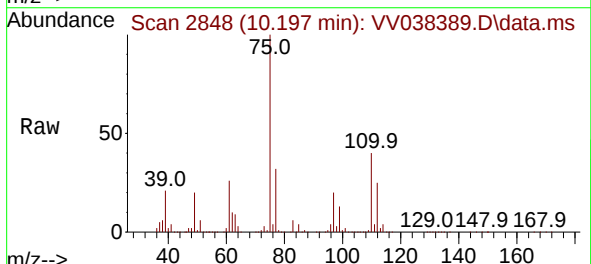
Instrument :
MSVOA_V
ClientSampleId :



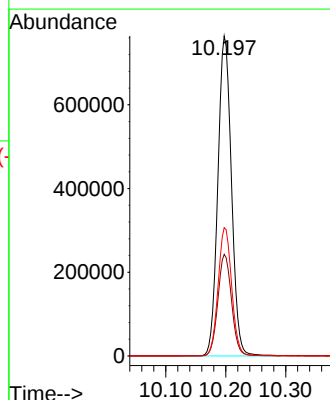
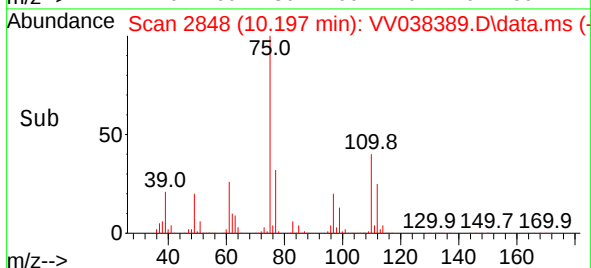
Tgt Ion:105 Resp: 4618584
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.4
77 15.4 12.2 18.4

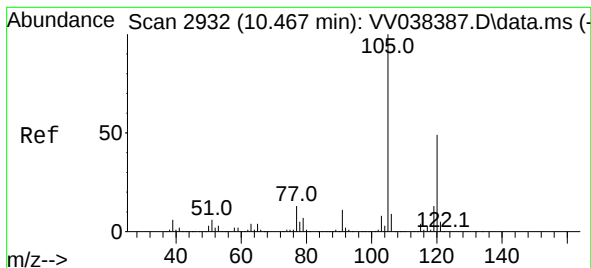


#61
1,2,3-Trichloropropane
Concen: 200.994 ug/L
RT: 10.197 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038389.D
Acq: 02 Dec 2024 13:22



Tgt Ion: 75 Resp: 1198753
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
110 40.1 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 232.673 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

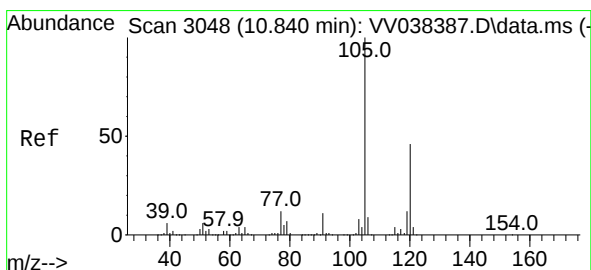
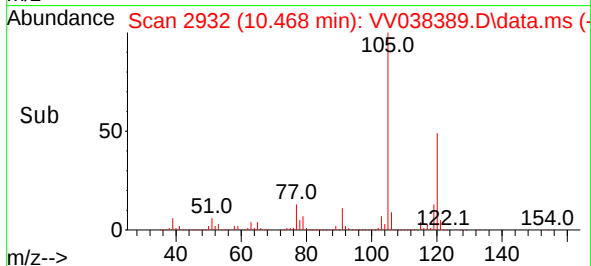
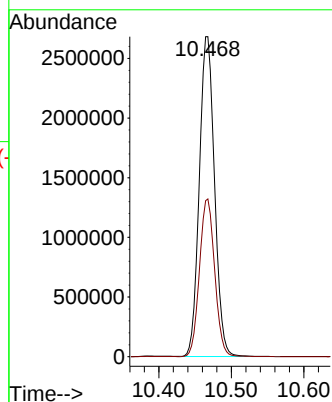
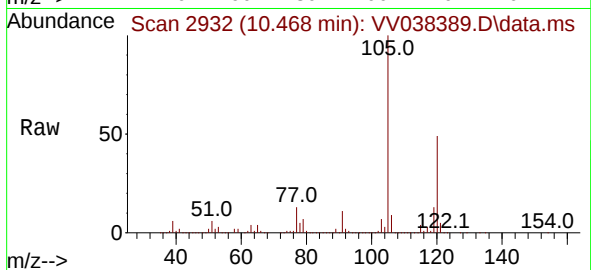
ClientSampleId :

Tgt Ion:105 Resp: 3911194

Ion Ratio Lower Upper

105 100

120 49.2 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 237.469 ug/L

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV038389.D

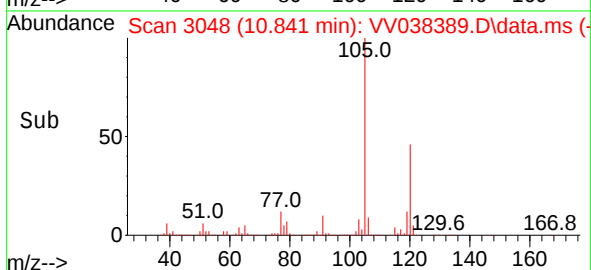
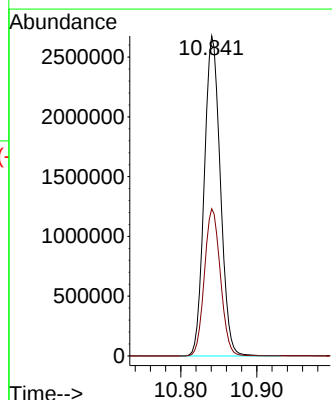
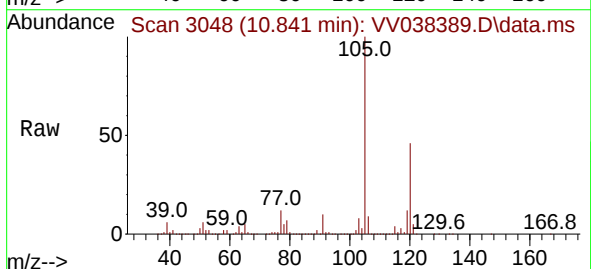
Acq: 02 Dec 2024 13:22

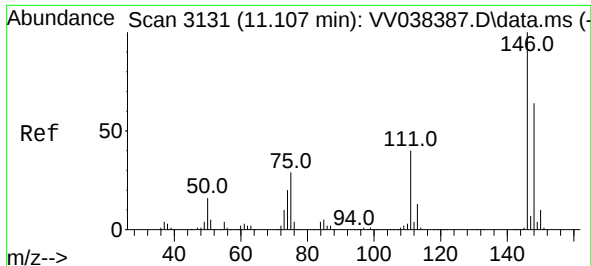
Tgt Ion:105 Resp: 3924221

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 205.410 ug/L

RT: 11.104 min Scan# 3131

Delta R.T. -0.003 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

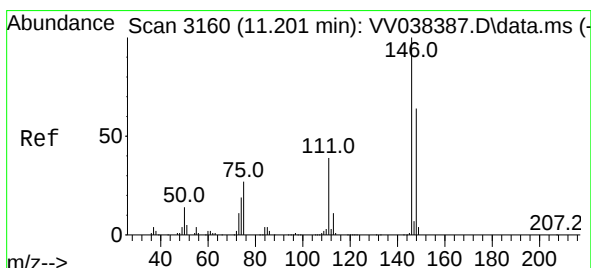
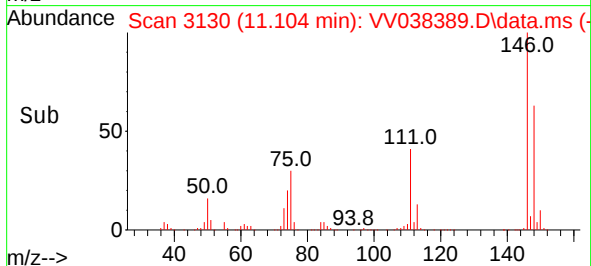
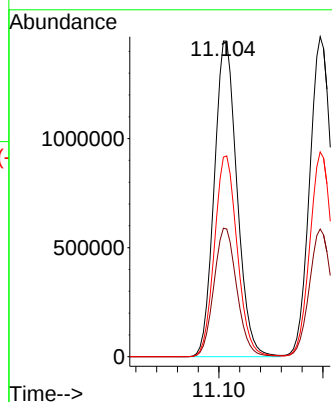
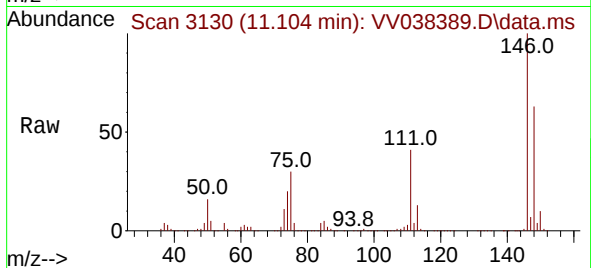
Tgt Ion:146 Resp: 2208892

Ion Ratio Lower Upper

146 100

111 40.7 27.8 51.6

148 63.2 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 195.714 ug/L

RT: 11.197 min Scan# 3159

Delta R.T. -0.003 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

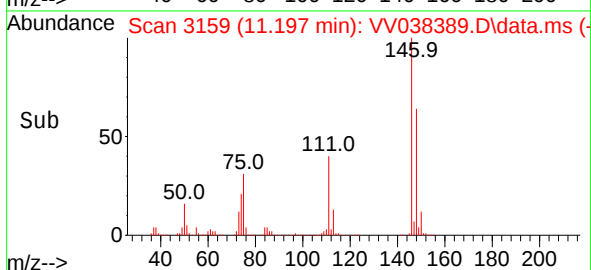
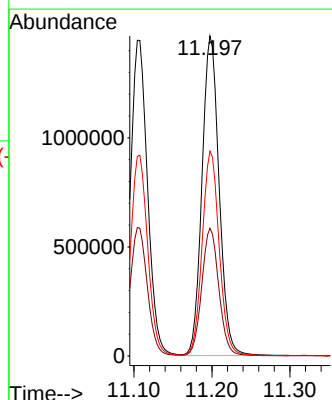
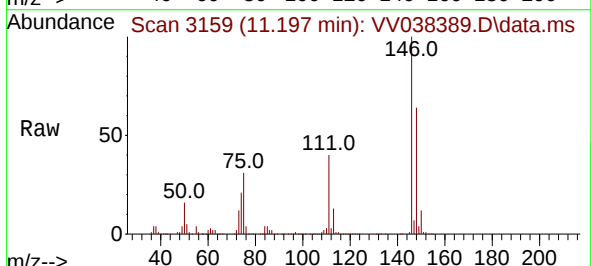
Tgt Ion:146 Resp: 2237354

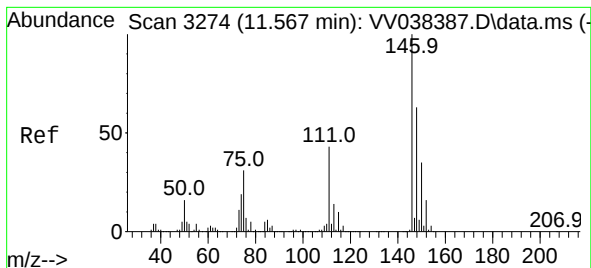
Ion Ratio Lower Upper

146 100

111 39.9 27.6 51.4

148 64.0 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 202.406 ug/L

RT: 11.567 min Scan# 3274

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

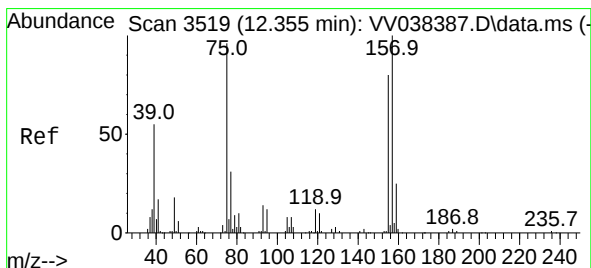
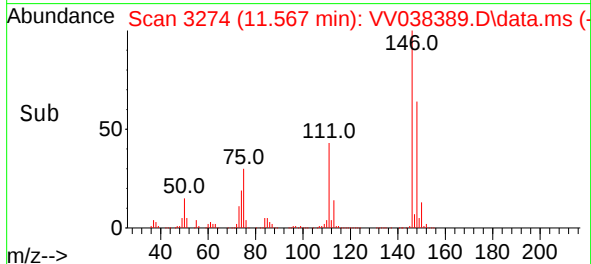
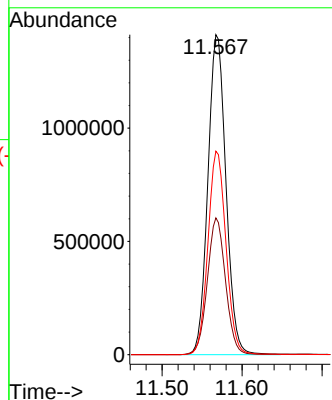
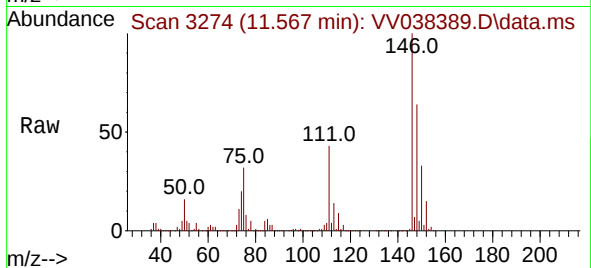
Tgt Ion:146 Resp: 2219019

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.2

148 63.6 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 224.699 ug/L

RT: 12.352 min Scan# 3518

Delta R.T. -0.003 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

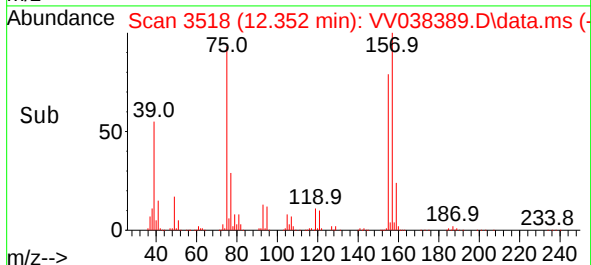
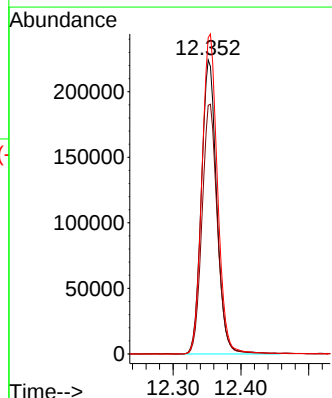
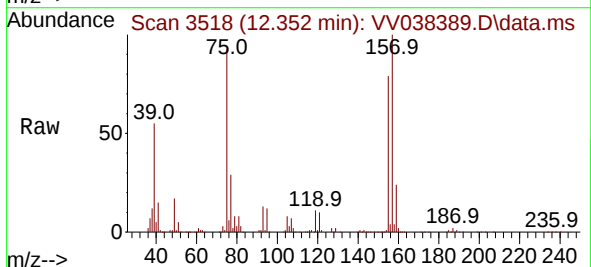
Tgt Ion: 75 Resp: 353204

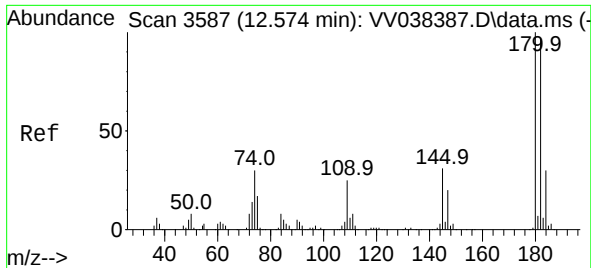
Ion Ratio Lower Upper

75 100

155 84.5 66.8 100.2

157 107.6 83.4 125.2





#69

1,3,5-Trichlorobenzene

Concen: 218.863 ug/L

RT: 12.570 min Scan# 3587

Delta R.T. -0.003 min

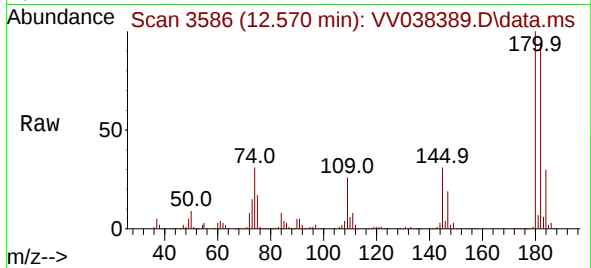
Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1605288

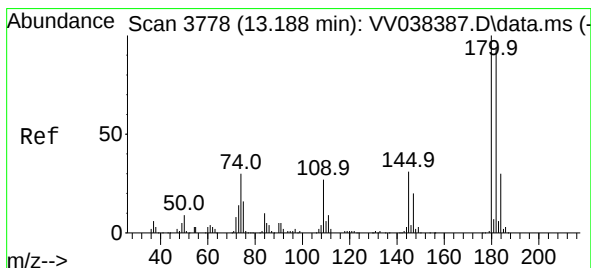
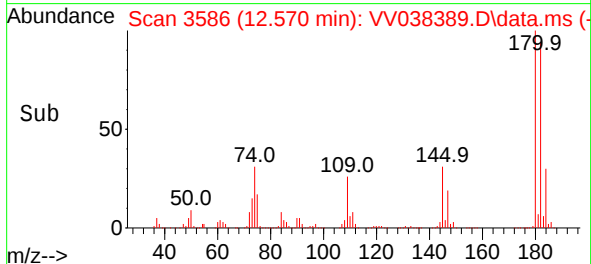
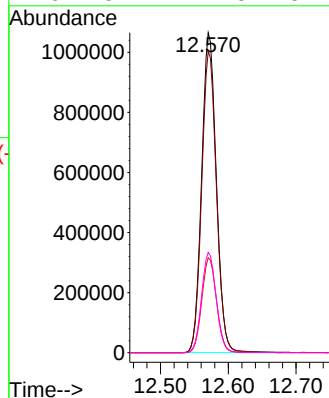
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.4

184 29.8 23.8 35.6

145 31.2 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 237.634 ug/L

RT: 13.188 min Scan# 3778

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

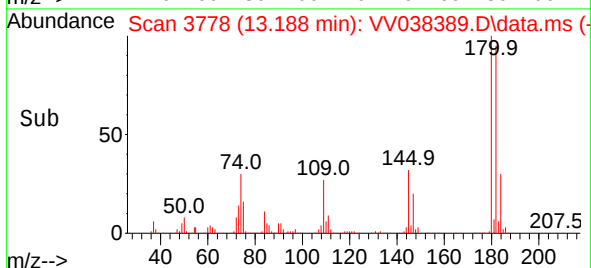
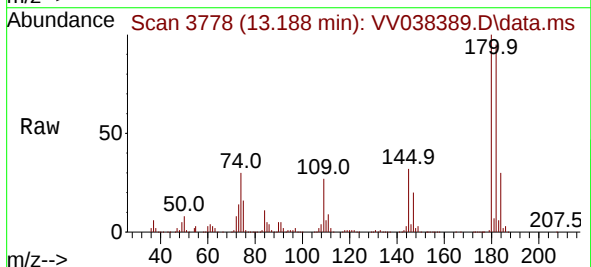
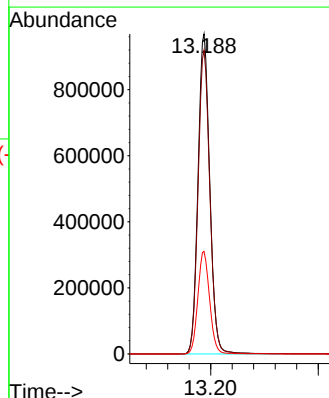
Tgt Ion:180 Resp: 1468414

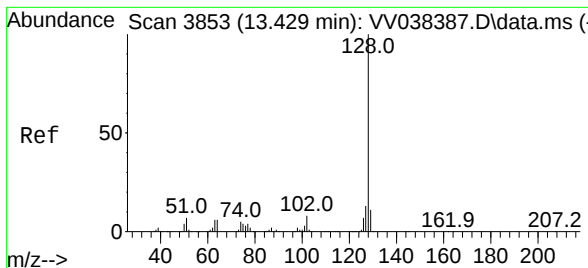
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

145 32.0 24.7 37.1





#71

Naphthalene

Concen: 259.108 ug/L

RT: 13.426 min Scan# 3852

Delta R.T. -0.003 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

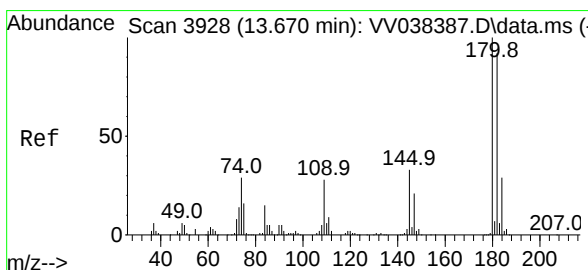
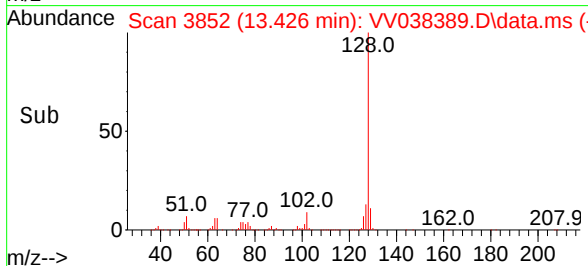
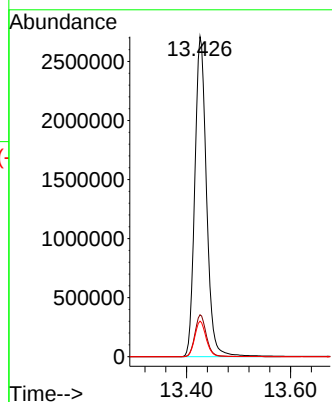
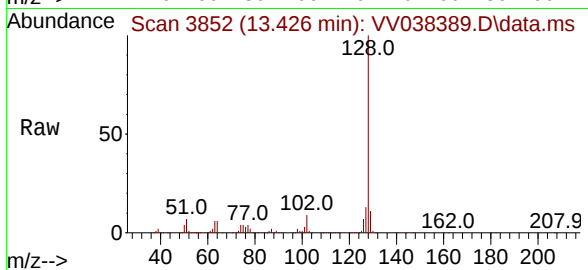
Tgt Ion:128 Resp: 4233851

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 226.292 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. 0.000 min

Lab File: VV038389.D

Acq: 02 Dec 2024 13:22

Tgt Ion:180 Resp: 1371871

Ion Ratio Lower Upper

180 100

182 95.1 75.8 113.6

145 34.0 27.1 40.7

