

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037015.D
 Acq On : 26 Aug 2024 10:17
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:04:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	651147	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	639743	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	335976	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	641325	107.669	ug/L	0.00
7) Chloroethane-d5	1.529	69	489738	106.384	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	265309	105.975	ug/L	0.00
21) 2-Butanone-d5	3.789	46	503862	230.191	ug/L	0.00
24) Chloroform-d	4.243	84	1026523	110.114	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	640699	109.135	ug/L	0.00
32) Benzene-d6	4.953	84	2087349	108.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	661496	109.300	ug/L	0.00
41) Toluene-d8	7.236	98	1902846	109.115	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	313670	112.026	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	383928	240.617	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	800918	109.116	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	705216	104.804	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	622914	113.206	ug/L	100
3) Chloromethane	1.217	50	713105	115.236	ug/L	100
5) Vinyl chloride	1.281	62	667397	114.885	ug/L	99
6) Bromomethane	1.484	94	369676	113.566	ug/L	100
8) Chloroethane	1.545	64	414398	116.622	ug/L	98
9) Trichlorofluoromethane	1.712	101	858087	113.188	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	513341	113.846	ug/L	99
12) 1,1-Dichloroethene	2.066	96	477844	112.483	ug/L	88
13) Acetone	2.111	43	507160	210.098	ug/L	100
14) Carbon disulfide	2.236	76	1471885	114.131	ug/L	100
15) Methyl Acetate	2.368	43	484163	116.740	ug/L	98
16) Methylene chloride	2.442	84	542262	113.135	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	505397	114.600	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	1624192	117.077	ug/L	100
19) 1,1-Dichloroethane	3.105	63	1005083	114.760	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	567018	116.355	ug/L	100
22) 2-Butanone	3.870	43	617898	235.562	ug/L	99
23) Bromochloromethane	4.137	128	276932	115.766	ug/L	93
25) Chloroform	4.269	83	1008527	113.704	ug/L	100
27) 1,2-Dichloroethane	5.034	62	758042	117.141	ug/L	99
29) Cyclohexane	4.571	56	874182	116.217	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	848483	115.266	ug/L	99
31) Carbon tetrachloride	4.725	117	720286	115.962	ug/L	100
33) Benzene	5.002	78	2142766	116.060	ug/L	100
34) Trichloroethene	5.825	95	558145	114.537	ug/L	99
35) Methylcyclohexane	6.043	83	916694	116.797	ug/L	99
37) 1,2-Dichloropropane	6.088	63	576051	116.255	ug/L	99
38) Bromodichloromethane	6.426	83	744650	117.381	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	949669	123.205	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	1195810	244.582	ug/L	100
42) Toluene	7.310	91	2264893	117.823	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	851638	123.608	ug/L	100

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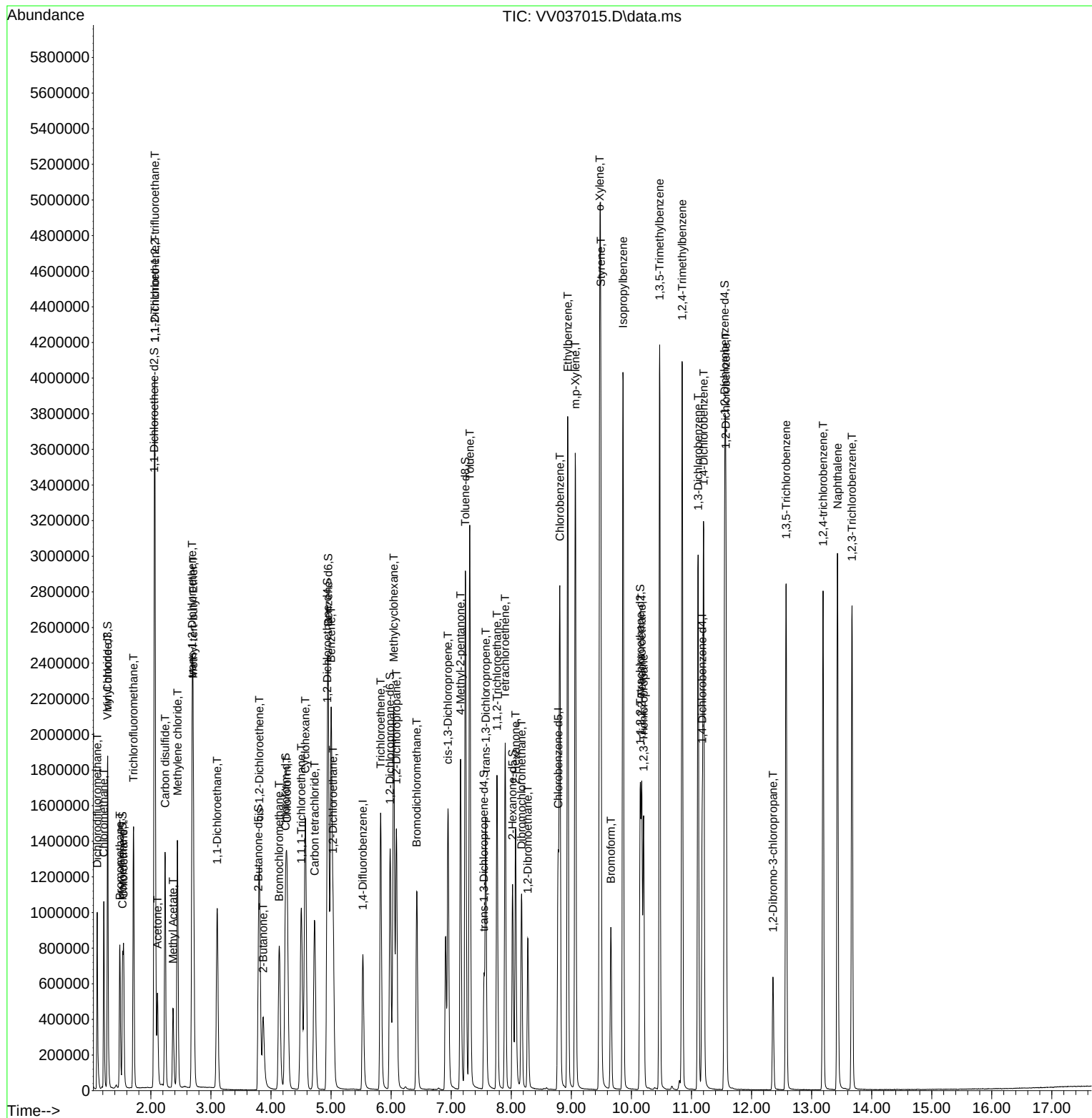
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	533773	115.847	ug/L	99
46) Tetrachloroethene	7.899	164	401597	114.859	ug/L	97
48) 2-Hexanone	8.072	43	897557	237.656	ug/L	98
49) Dibromochloromethane	8.172	129	548665	118.923	ug/L	100
50) 1,2-Dibromoethane	8.275	107	547022	117.325	ug/L	99
51) Chlorobenzene	8.809	112	1459819	114.710	ug/L	100
52) Ethylbenzene	8.940	91	2565611	118.160	ug/L	100
53) m,p-Xylene	9.066	106	965532	120.018	ug/L	100
54) o-Xylene	9.474	106	943014	119.719	ug/L	100
55) Styrene	9.490	104	1668924	122.883	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	803125	117.691	ug/L	99
59) Bromoform	9.661	173	373495	119.255	ug/L	100
60) Isopropylbenzene	9.860	105	2547215	116.946	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	602614	115.300	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	2135021	119.808	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	2156240	121.246	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	1144733	113.817	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	1169886	113.648	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	1134671	114.737	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	156705	120.227	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	809699	115.700	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	771028	117.003	ug/L	100
71) Naphthalene	13.432	128	2300525	120.898	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	756182	116.441	ug/L	99

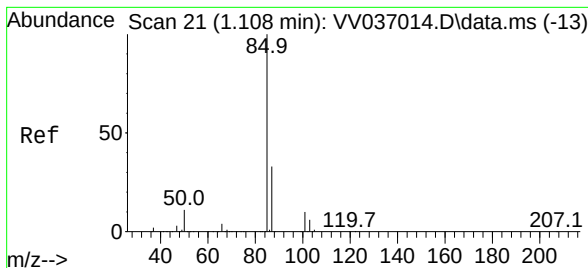
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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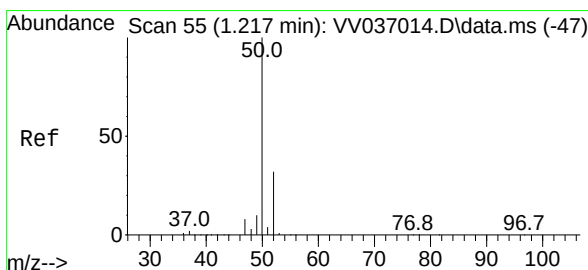
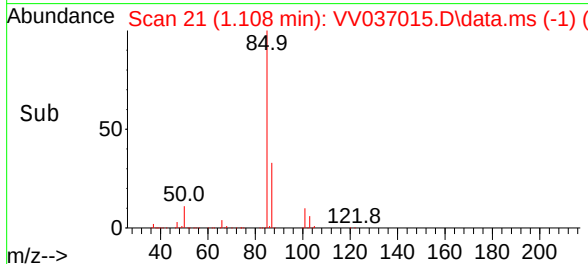
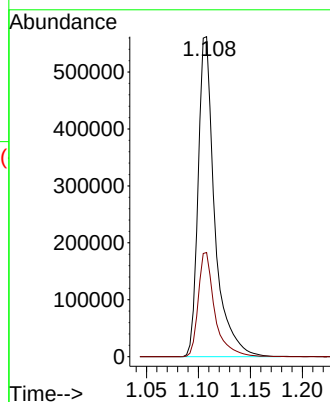
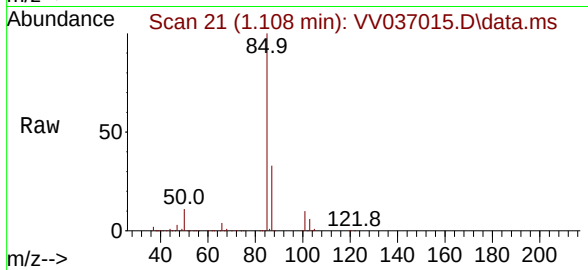




#2
Dichlorodifluoromethane
Concen: 113.206 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

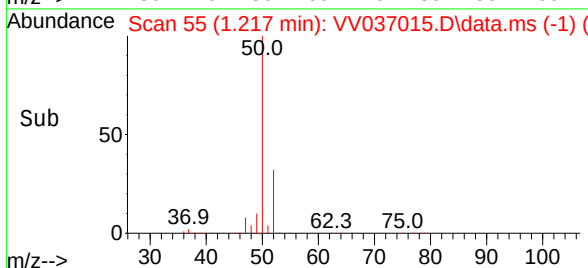
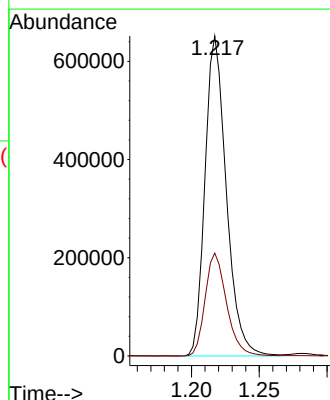
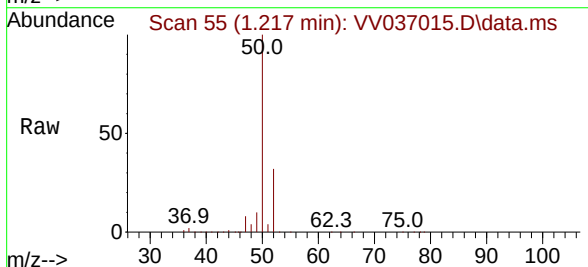
Instrument :
MSVOA_V
ClientSampleId :

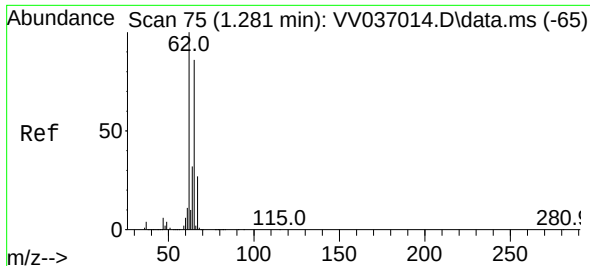
Tgt Ion: 85 Resp: 622914
Ion Ratio Lower Upper
85 100
87 32.5 25.9 38.9



#3
Chloromethane
Concen: 115.236 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

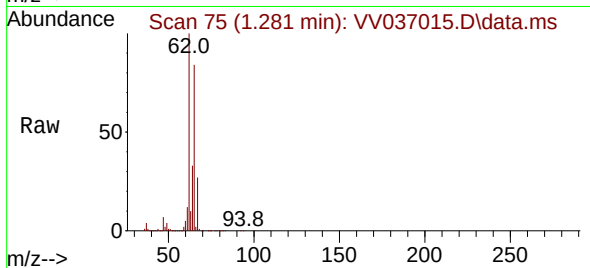
Tgt Ion: 50 Resp: 713105
Ion Ratio Lower Upper
50 100
52 32.1 22.5 41.9



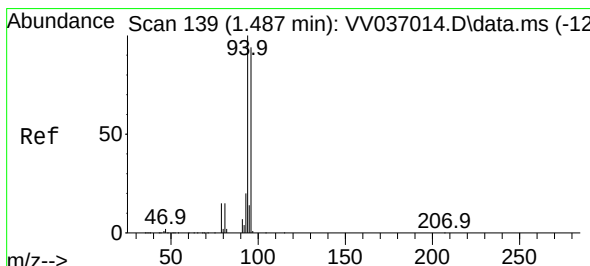
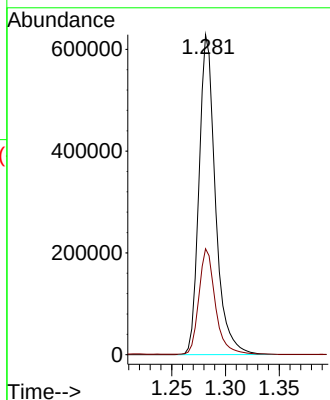
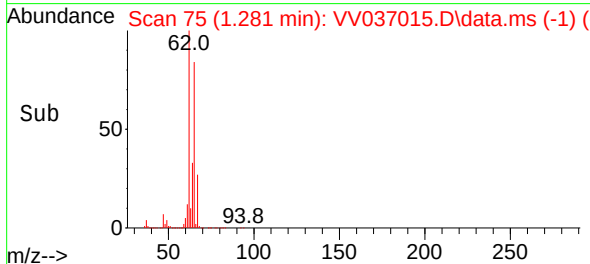


#5
 Vinyl chloride
 Concen: 114.885 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037015.D
 Acq: 26 Aug 2024 10:17

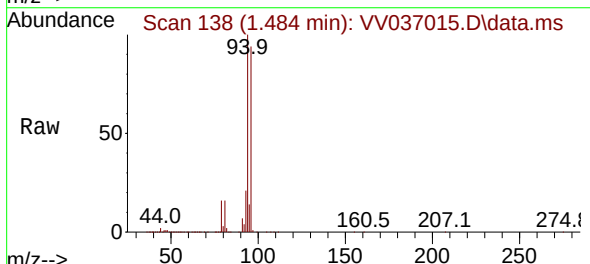
Instrument :
 MSVOA_V
 ClientSampleId :



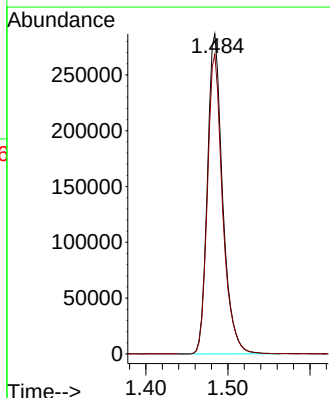
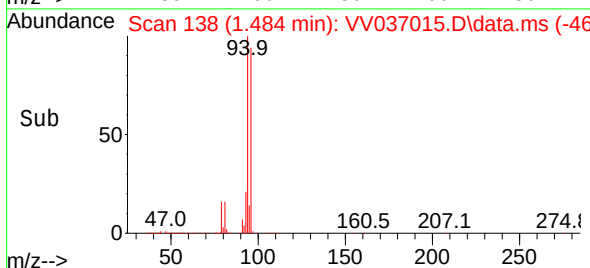
Tgt Ion: 62 Resp: 667397
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.8 42.4

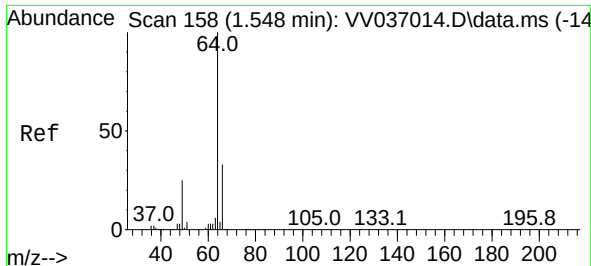


#6
 Bromomethane
 Concen: 113.566 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037015.D
 Acq: 26 Aug 2024 10:17



Tgt Ion: 94 Resp: 369676
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.6 121.8

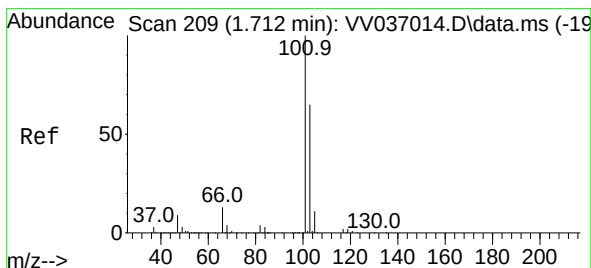
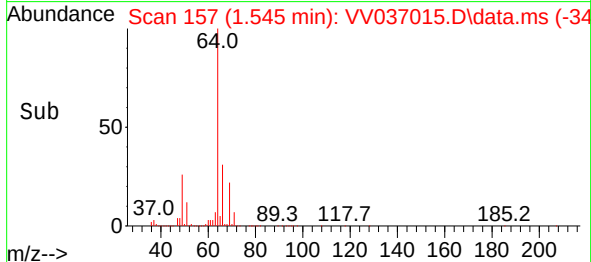
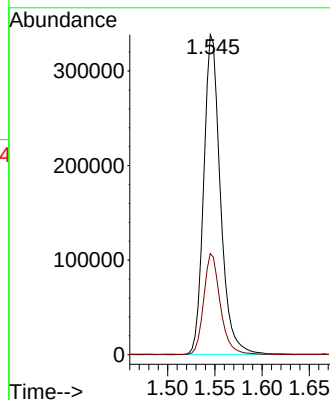
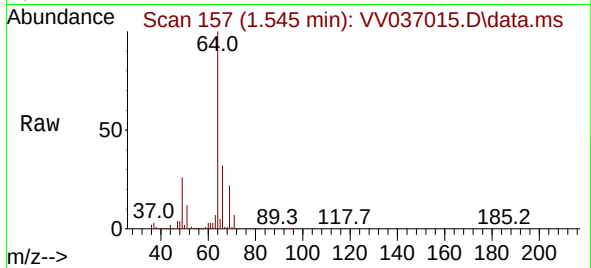




#8
Chloroethane
Concen: 116.622 ug/L
RT: 1.545 min Scan# 158
Delta R.T. -0.003 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

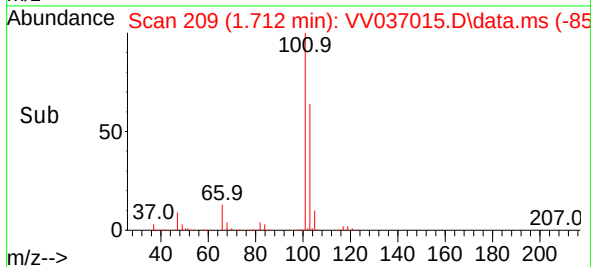
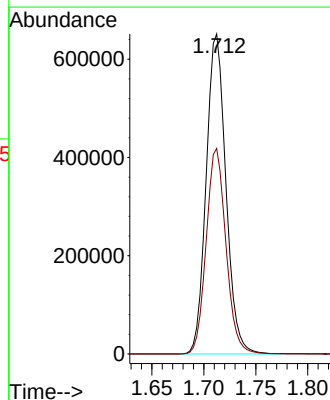
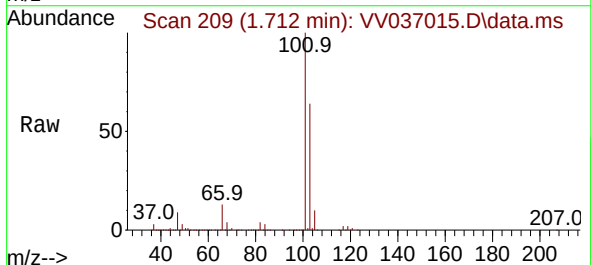
Instrument :
MSVOA_V
ClientSampleId :

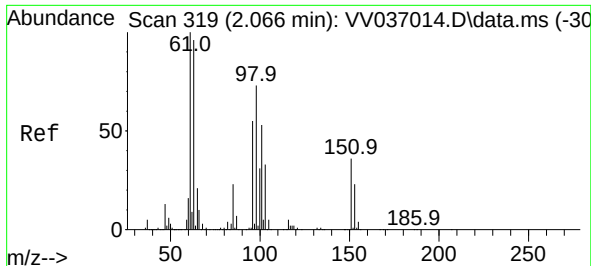
Tgt Ion: 64 Resp: 414398
Ion Ratio Lower Upper
64 100
66 31.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 113.188 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

Tgt Ion:101 Resp: 858087
Ion Ratio Lower Upper
101 100
103 64.4 51.7 77.5





#10

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

Concen: 113.846 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

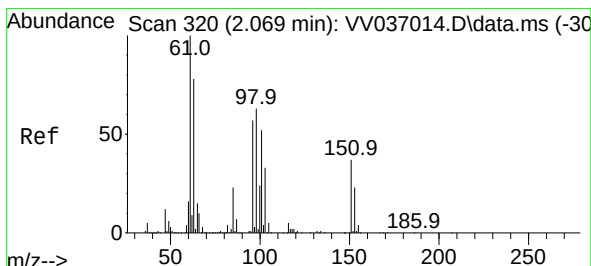
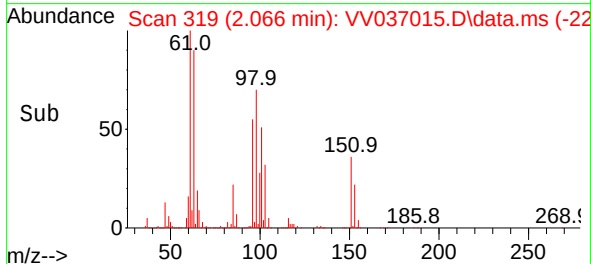
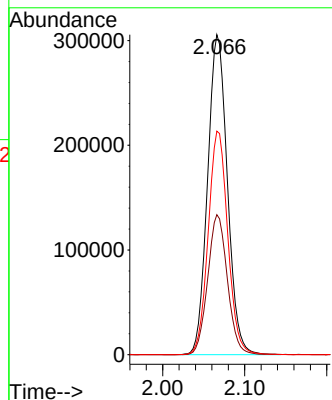
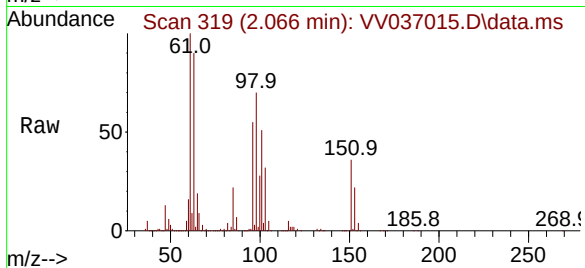
Tgt Ion:101 Resp: 513341

Ion Ratio Lower Upper

101 100

85 43.5 35.6 53.4

151 69.2 55.0 82.4



#12

1,1-Dichloroethene

Concen: 112.483 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

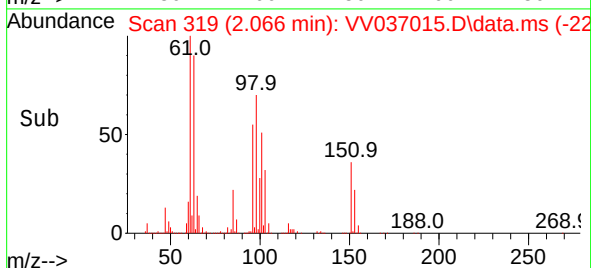
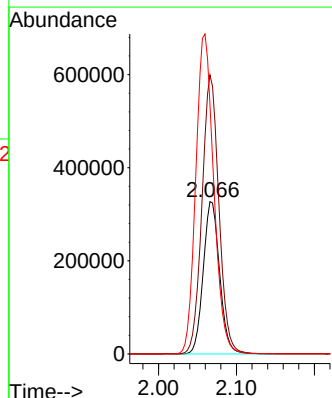
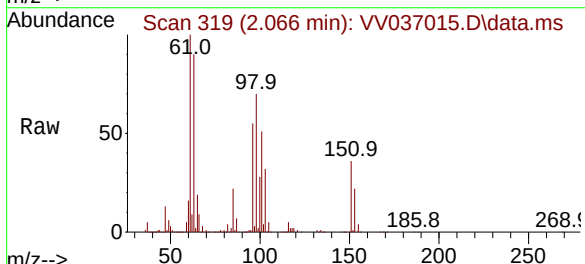
Tgt Ion: 96 Resp: 477844

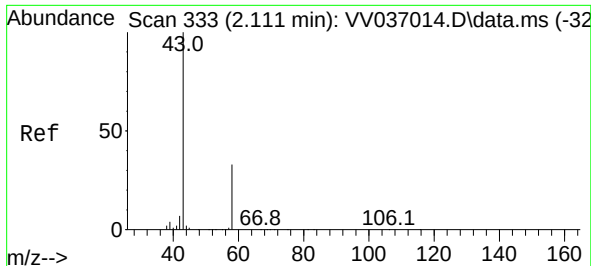
Ion Ratio Lower Upper

96 100

61 183.3 123.8 229.8

63 164.2 96.5 179.1





#13

Acetone

Concen: 210.098 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

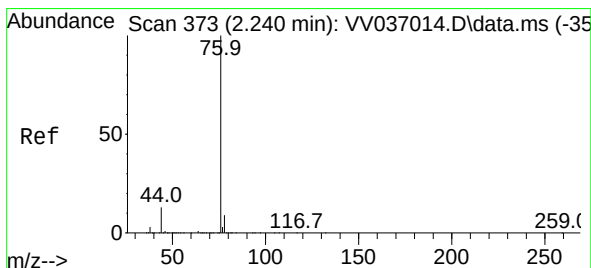
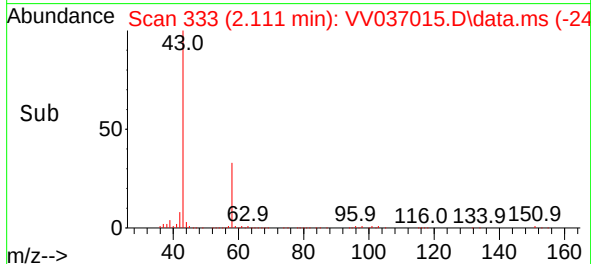
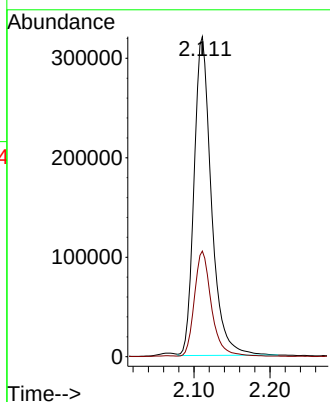
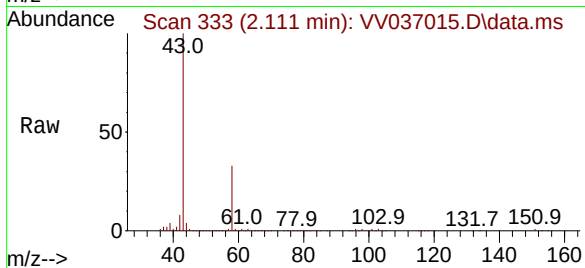
ClientSampleId :

Tgt Ion: 43 Resp: 507160

Ion Ratio Lower Upper

43 100

58 32.5 0.0 64.8



#14

Carbon disulfide

Concen: 114.131 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV037015.D

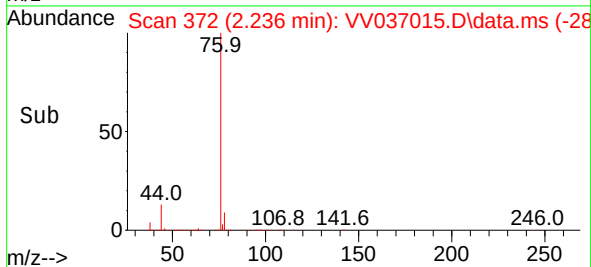
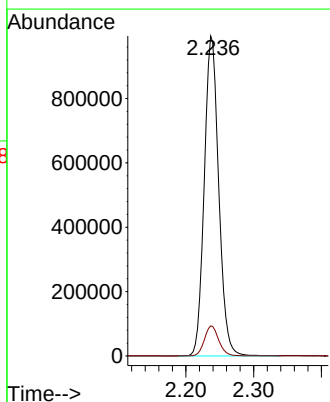
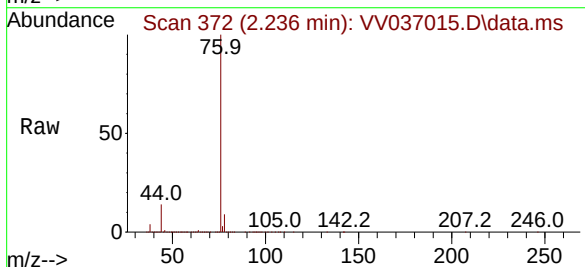
Acq: 26 Aug 2024 10:17

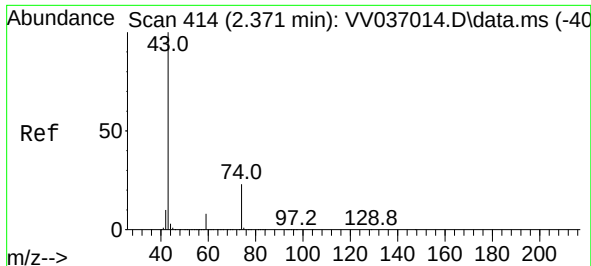
Tgt Ion: 76 Resp: 1471885

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 116.740 ug/L

RT: 2.368 min Scan# 414

Delta R.T. -0.003 min

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MSVOA_V

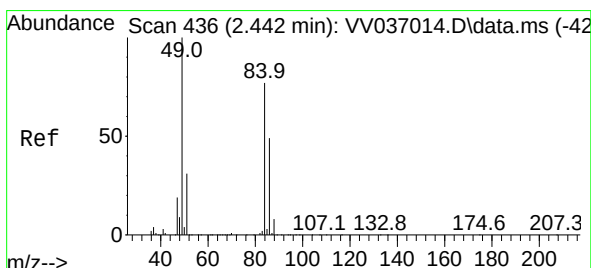
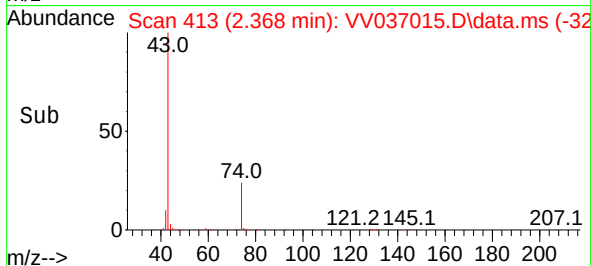
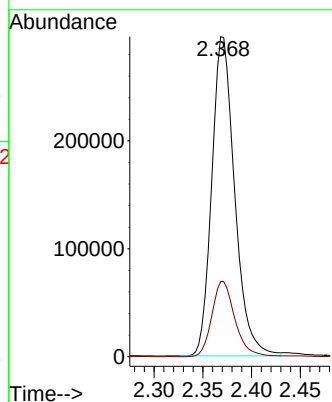
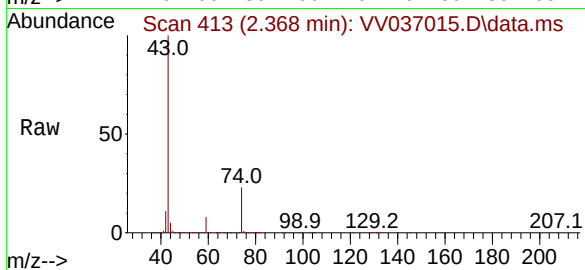
ClientSampleId :

Tgt Ion: 43 Resp: 484163

Ion Ratio Lower Upper

43 100

74 23.8 18.4 27.6



#16

Methylene chloride

Concen: 113.135 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

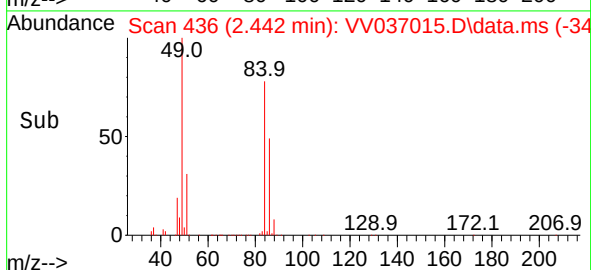
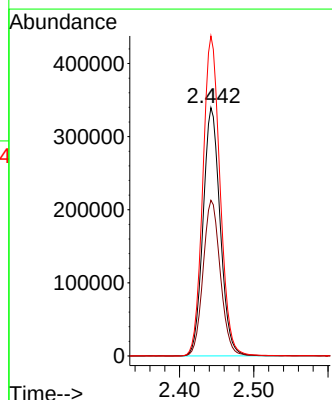
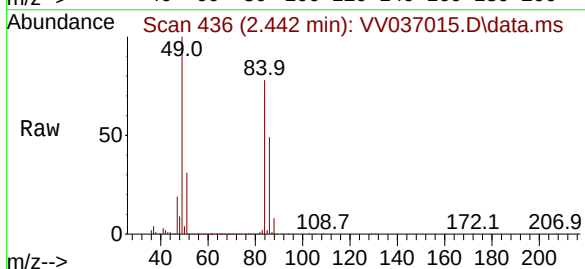
Tgt Ion: 84 Resp: 542262

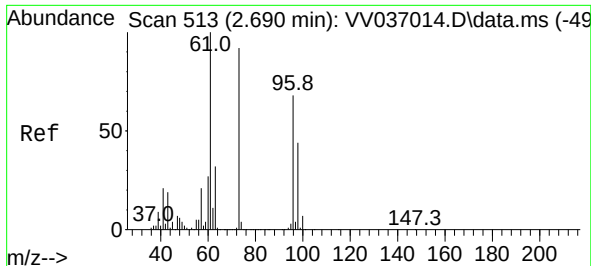
Ion Ratio Lower Upper

84 100

86 62.7 44.7 82.9

49 128.9 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 114.600 ug/L

RT: 2.687 min Scan# 513

Delta R.T. -0.003 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

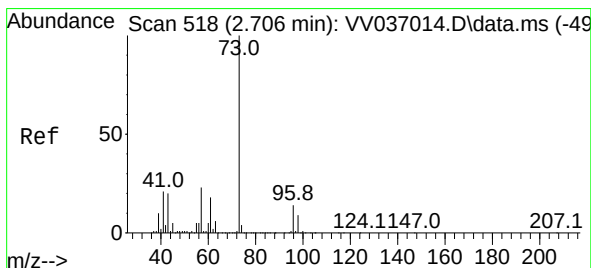
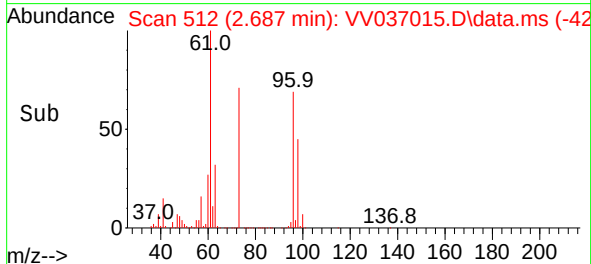
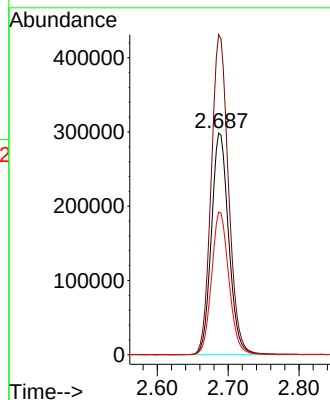
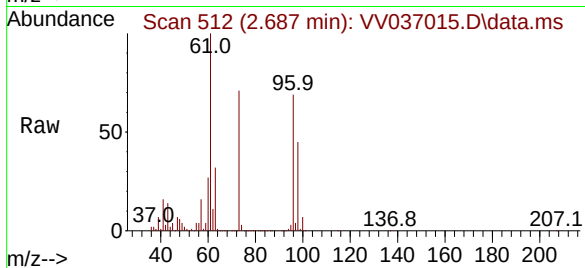
Tgt Ion: 96 Resp: 505397

Ion Ratio Lower Upper

96 100

61 144.4 102.3 189.9

98 64.4 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 117.077 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

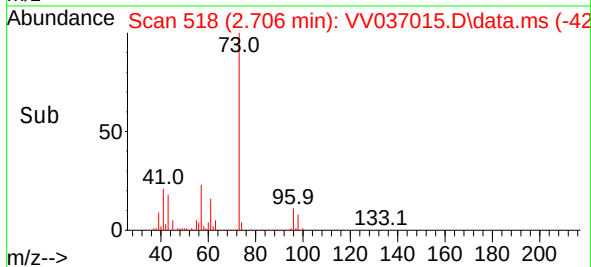
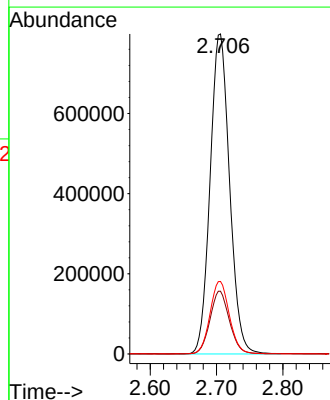
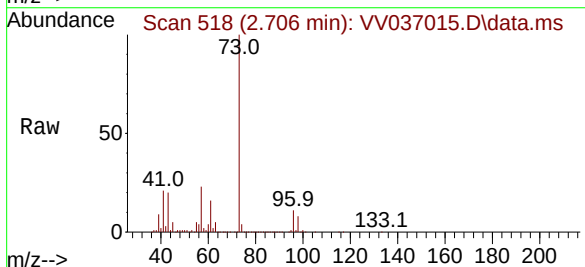
Tgt Ion: 73 Resp: 1624192

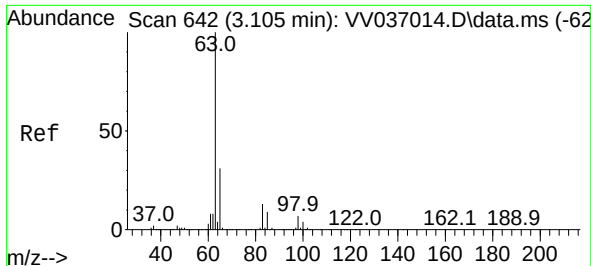
Ion Ratio Lower Upper

73 100

43 19.5 15.8 23.6

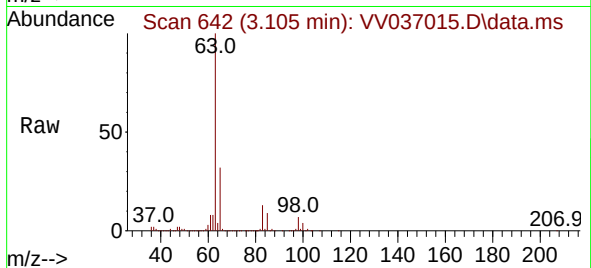
57 22.6 18.1 27.1





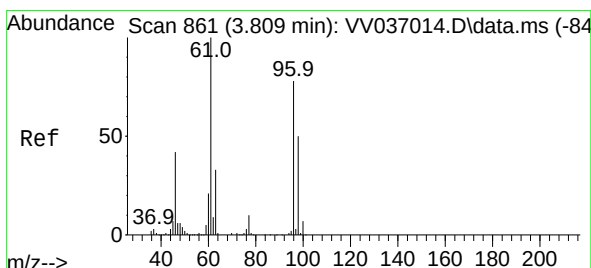
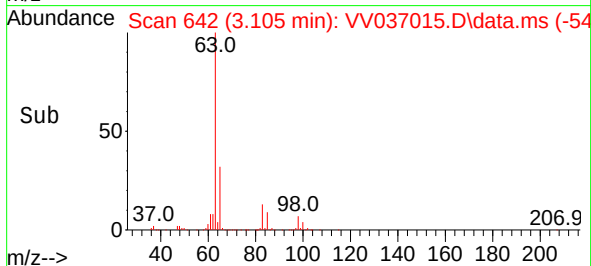
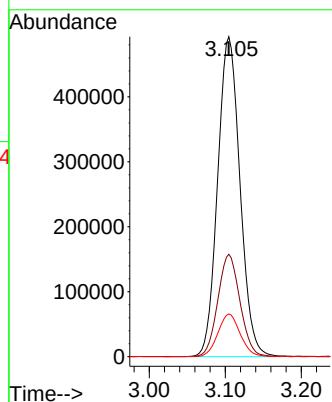
#19
1,1-Dichloroethane
Concen: 114.760 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 1005083

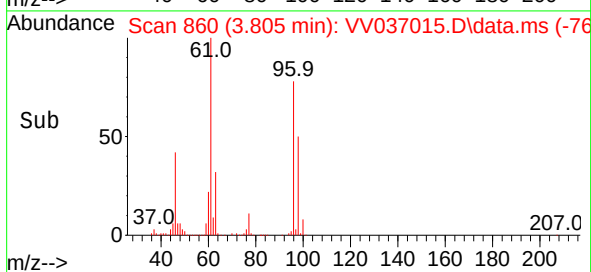
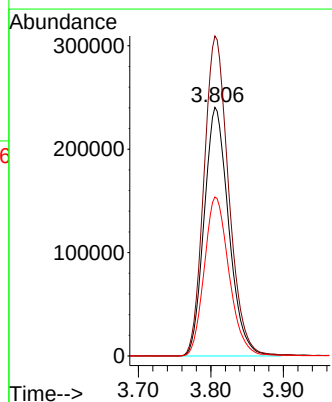
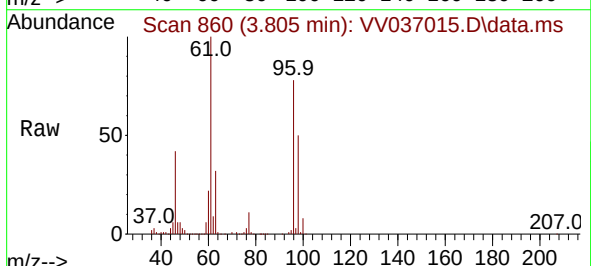
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.0	41.0
83	13.4	9.2	17.0

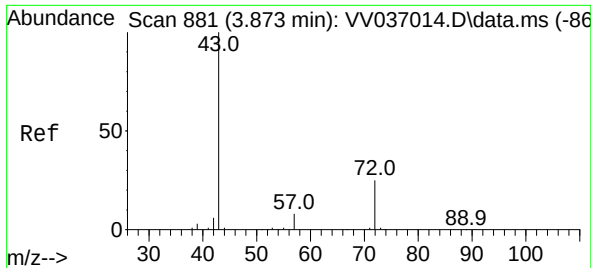


#20
cis-1,2-Dichloroethene
Concen: 116.355 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

Tgt Ion: 96 Resp: 567018

Ion	Ratio	Lower	Upper
96	100		
61	128.7	89.9	166.9
98	63.9	44.8	83.2

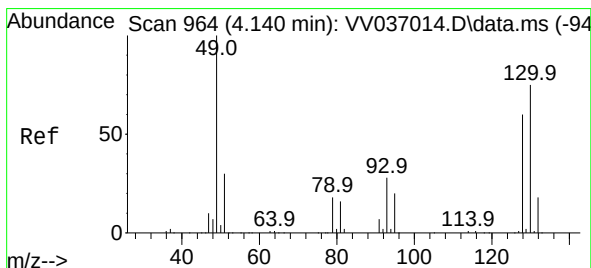
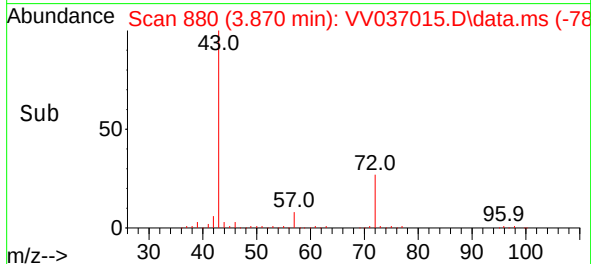
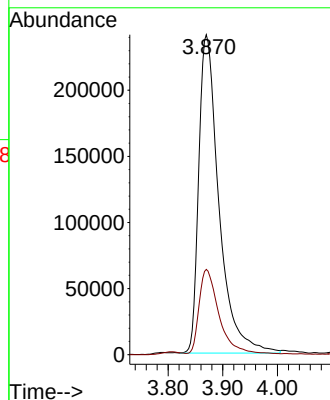
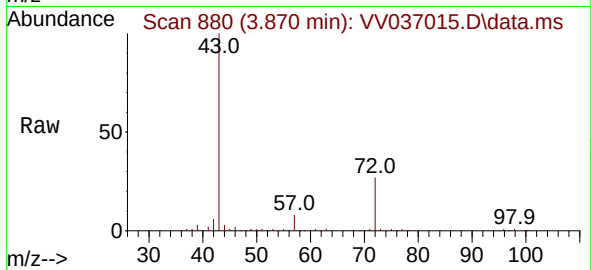




#22
2-Butanone
Concen: 235.562 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

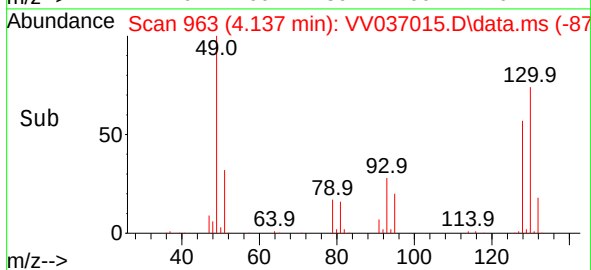
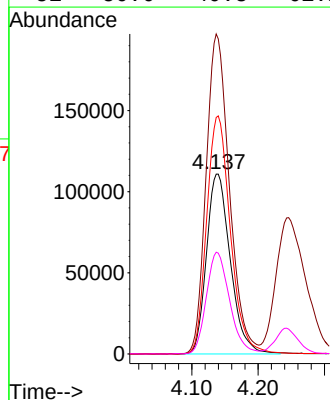
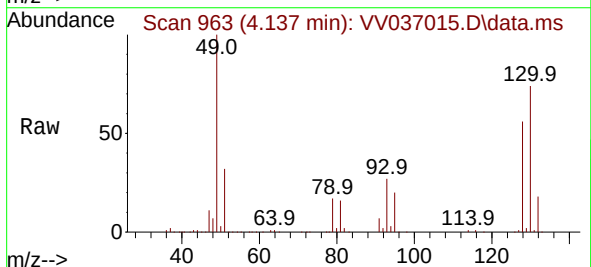
Instrument :
MSVOA_V
ClientSampleId :

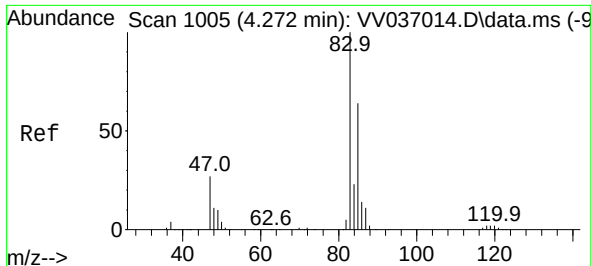
Tgt Ion: 43 Resp: 617898
Ion Ratio Lower Upper
43 100
72 25.7 12.7 38.0



#23
Bromochloromethane
Concen: 115.766 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

Tgt Ion:128 Resp: 276932
Ion Ratio Lower Upper
128 100
49 177.9 117.2 217.6
130 131.4 87.6 162.8
51 56.6 40.8 61.2





#25

Chloroform

Concen: 113.704 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

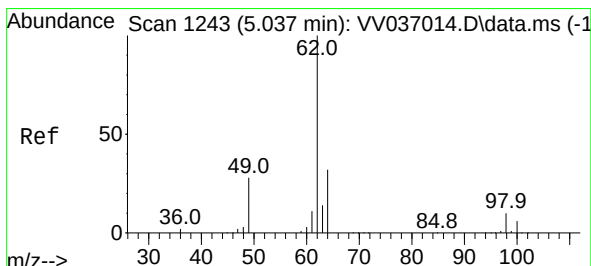
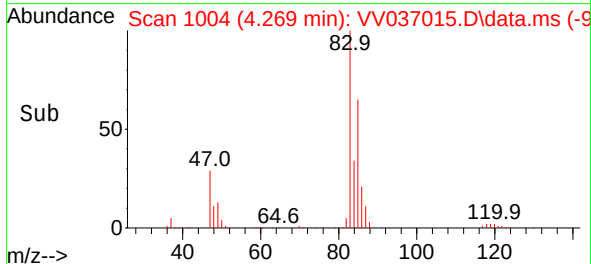
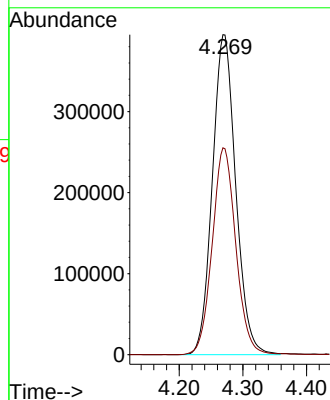
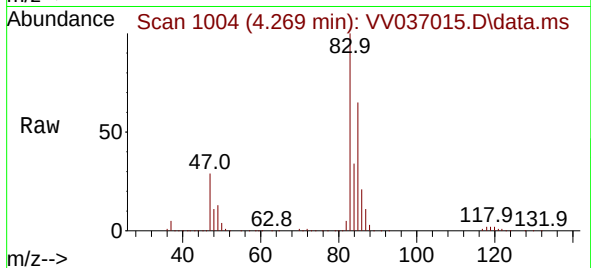
ClientSampleId :

Tgt Ion: 83 Resp: 1008527

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 117.141 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037015.D

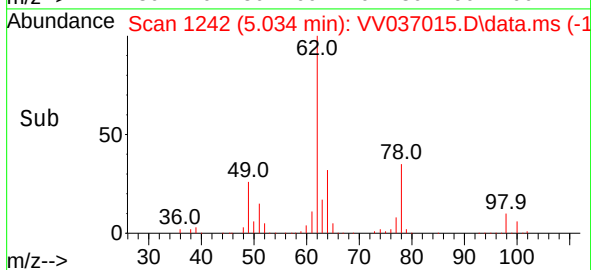
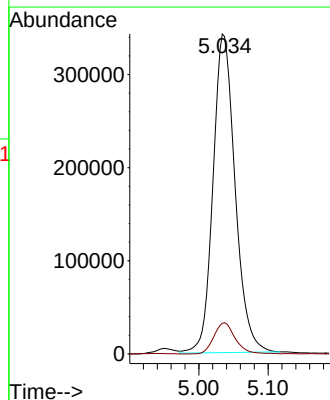
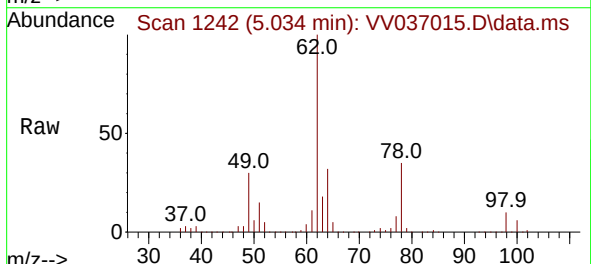
Acq: 26 Aug 2024 10:17

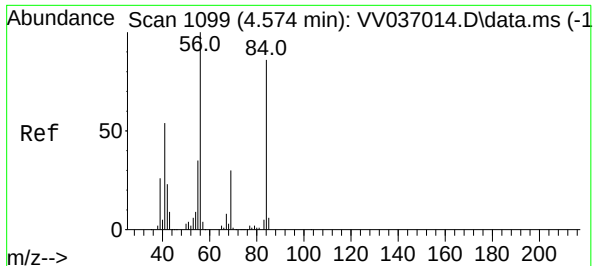
Tgt Ion: 62 Resp: 758042

Ion Ratio Lower Upper

62 100

98 9.6 8.0 12.0





#29

Cyclohexane

Concen: 116.217 ug/L

RT: 4.571 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

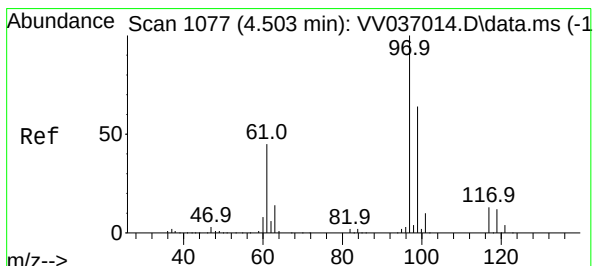
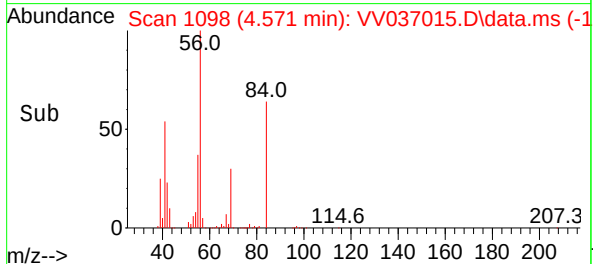
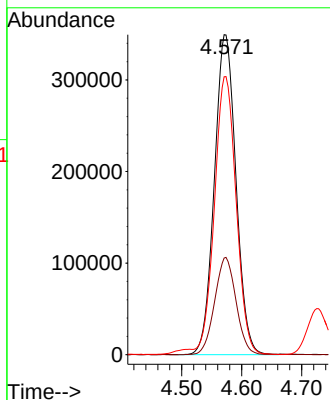
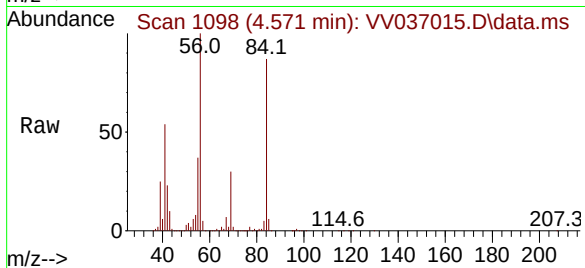
Tgt Ion: 56 Resp: 874182

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 87.1 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 115.266 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

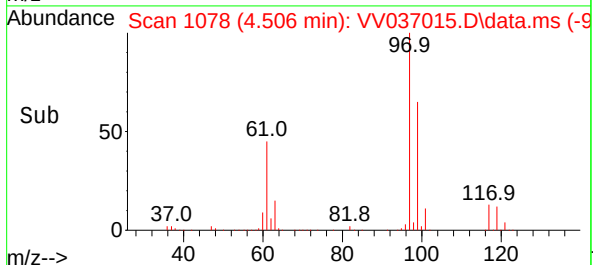
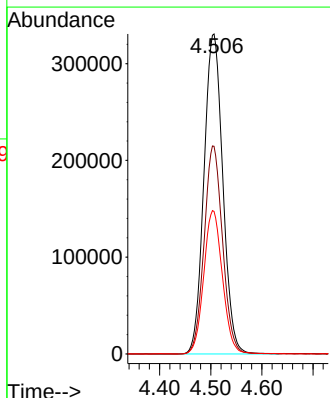
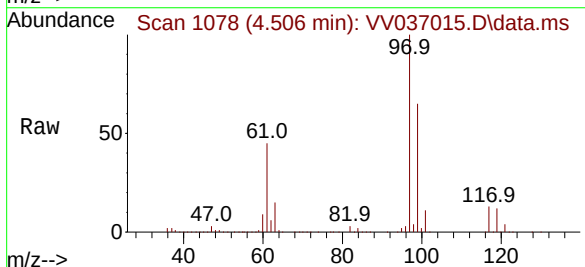
Tgt Ion: 97 Resp: 848483

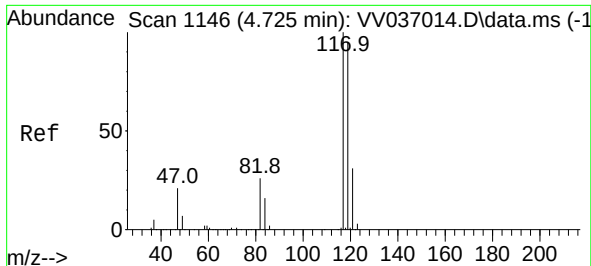
Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

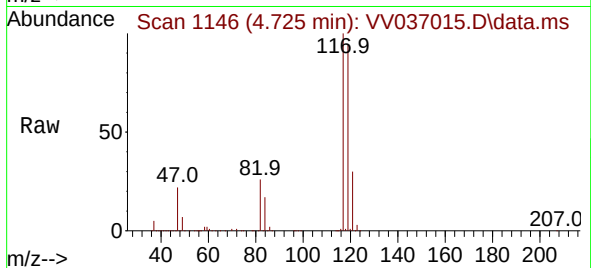
61 44.4 35.8 53.6



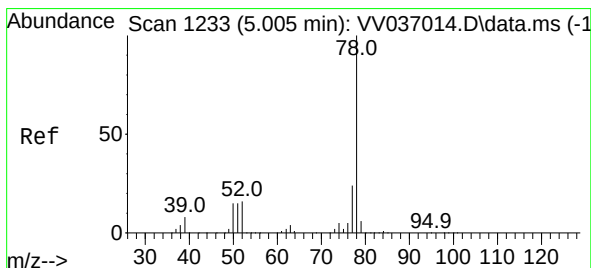
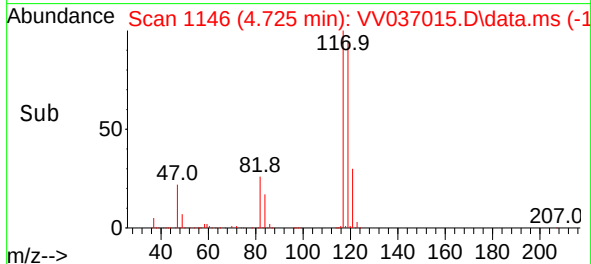
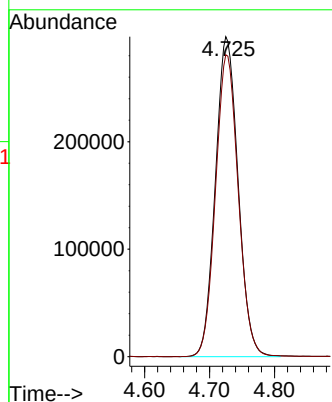


#31
Carbon tetrachloride
Concen: 115.962 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

Instrument :
MSVOA_V
ClientSampleId :

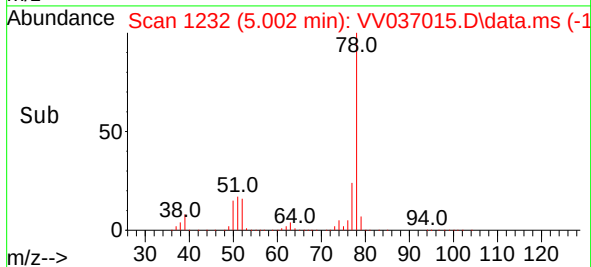
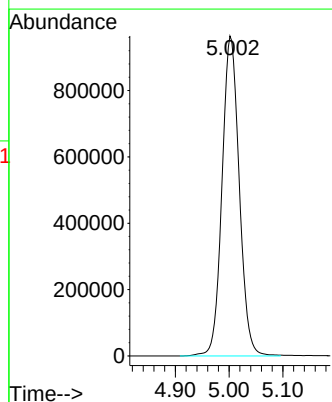
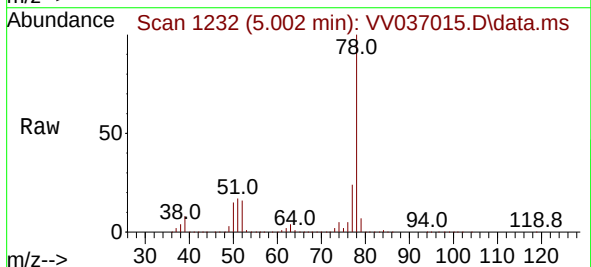


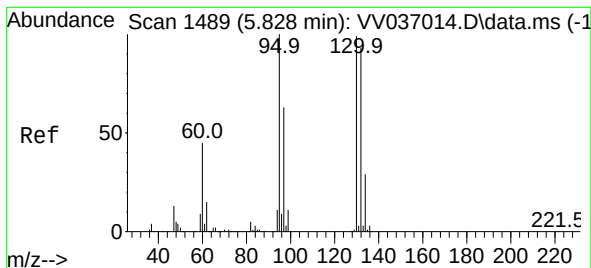
Tgt Ion:117 Resp: 720286
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.6



#33
Benzene
Concen: 116.060 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

Tgt Ion: 78 Resp: 2142766





#34

Trichloroethene

Concen: 114.537 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 558145

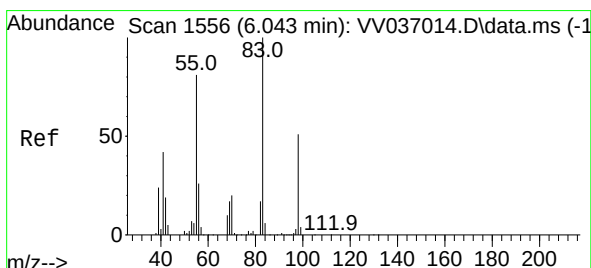
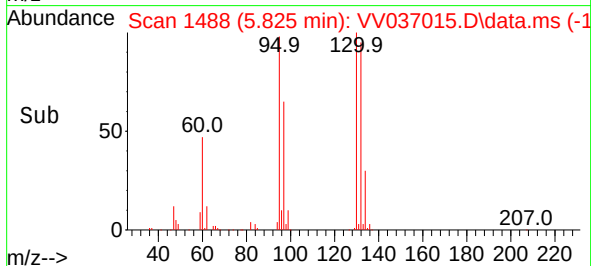
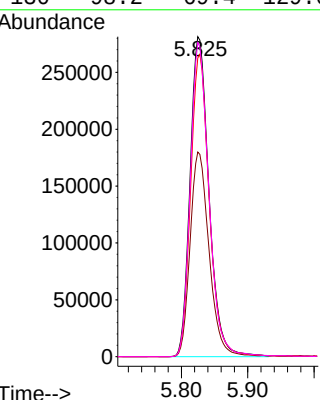
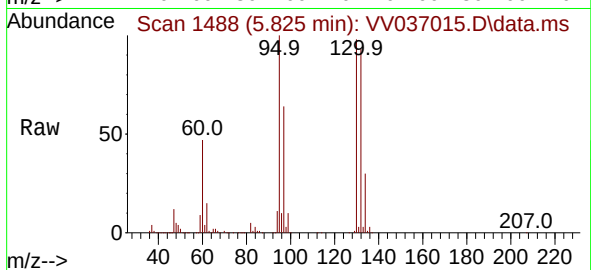
Ion Ratio Lower Upper

95 100

97 63.9 44.4 82.5

132 93.3 64.9 120.5

130 98.2 69.4 129.0



#35

Methylcyclohexane

Concen: 116.797 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

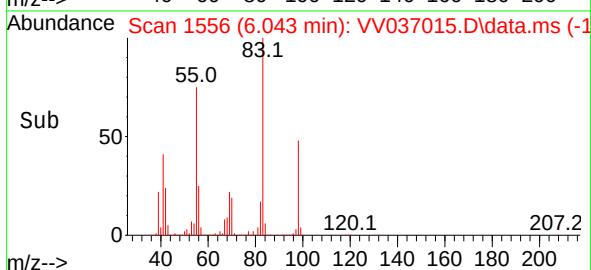
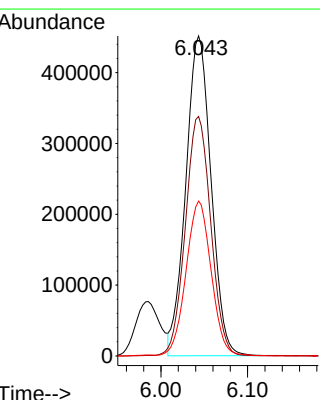
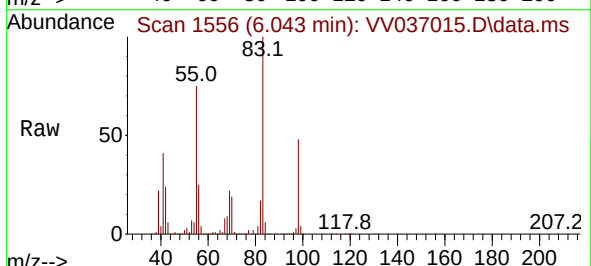
Tgt Ion: 83 Resp: 916694

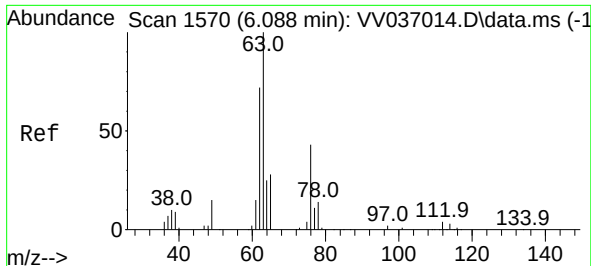
Ion Ratio Lower Upper

83 100

55 75.2 61.2 91.8

98 48.1 39.3 58.9





#37

1,2-Dichloropropane

Concen: 116.255 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

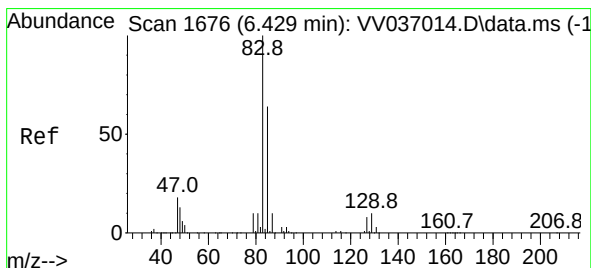
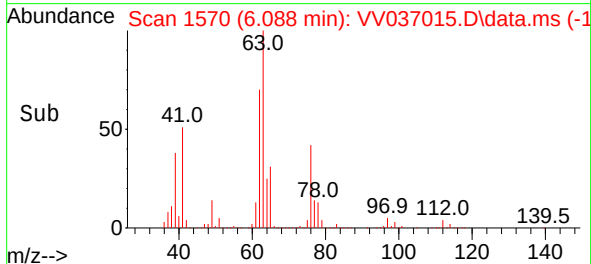
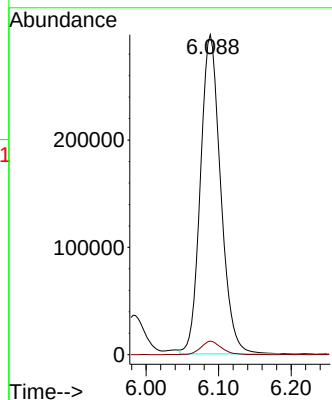
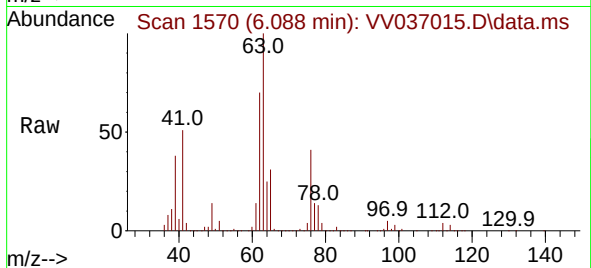
ClientSampleId :

Tgt Ion: 63 Resp: 576051

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 117.381 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

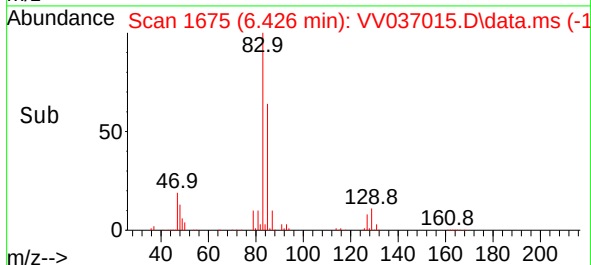
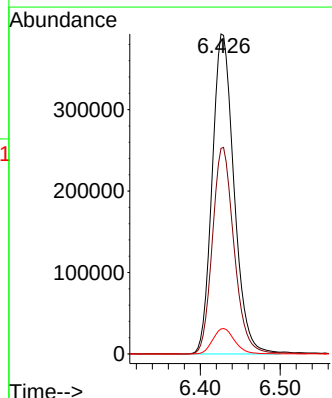
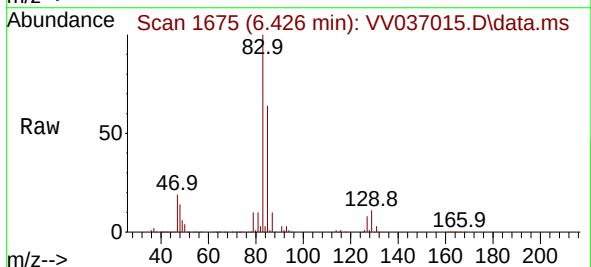
Tgt Ion: 83 Resp: 744650

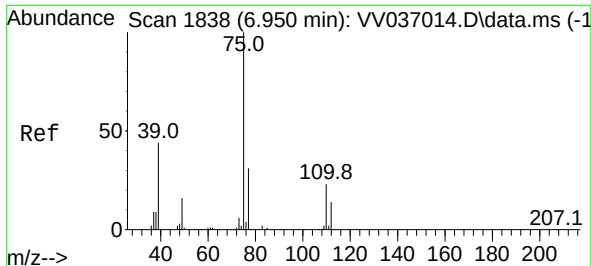
Ion Ratio Lower Upper

83 100

85 64.2 44.5 82.7

127 7.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 123.205 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

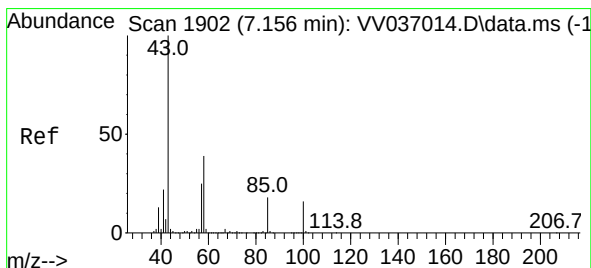
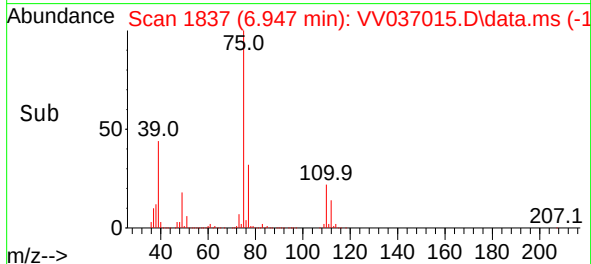
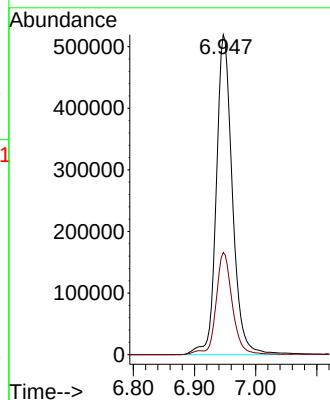
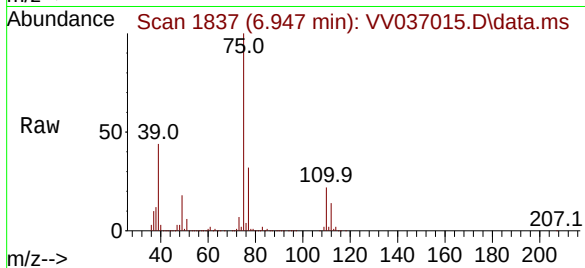
ClientSampleId :

Tgt Ion: 75 Resp: 949669

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 244.582 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

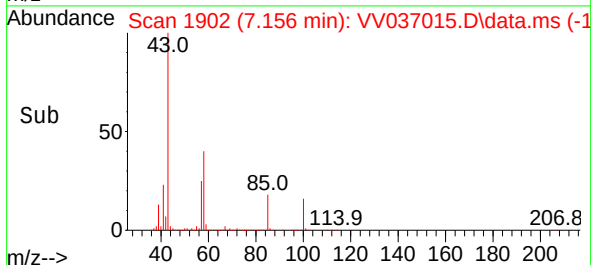
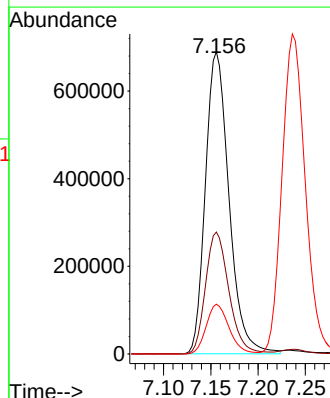
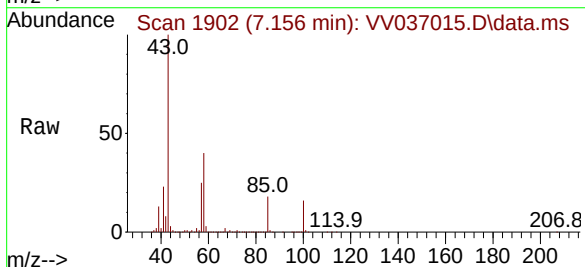
Tgt Ion: 43 Resp: 1195810

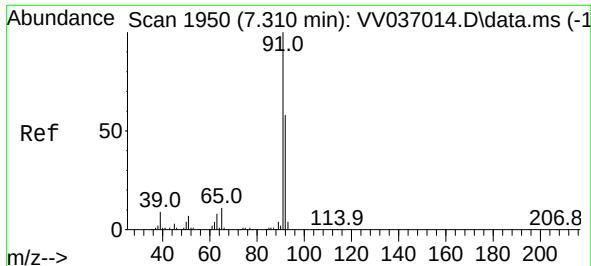
Ion Ratio Lower Upper

43 100

58 40.1 32.0 48.0

100 16.0 12.4 18.6





#42

Toluene

Concen: 117.823 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

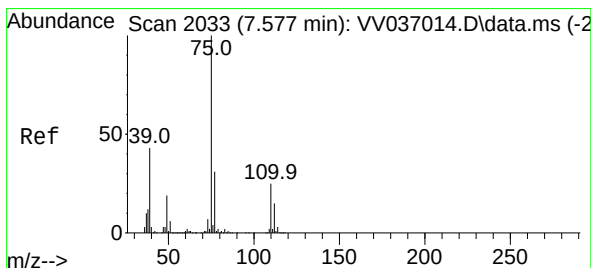
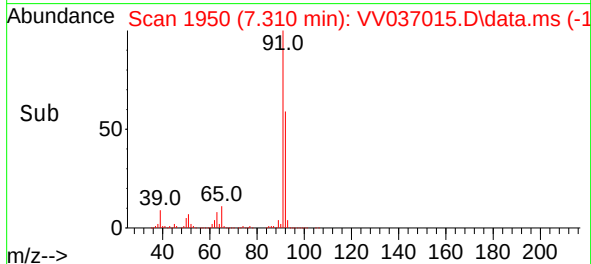
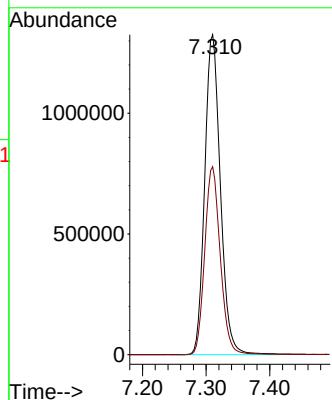
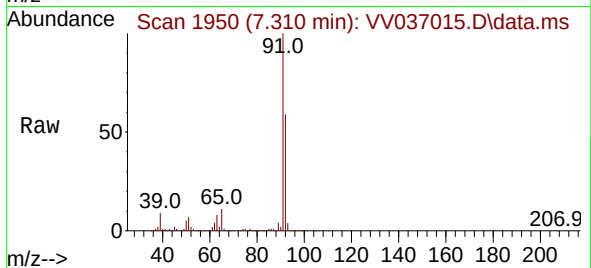
ClientSampleId :

Tgt Ion: 91 Resp: 2264893

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 123.608 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV037015.D

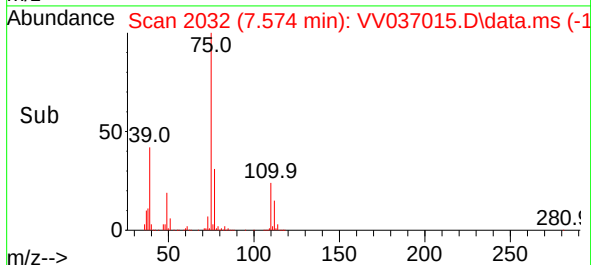
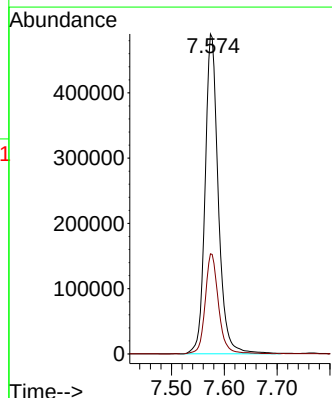
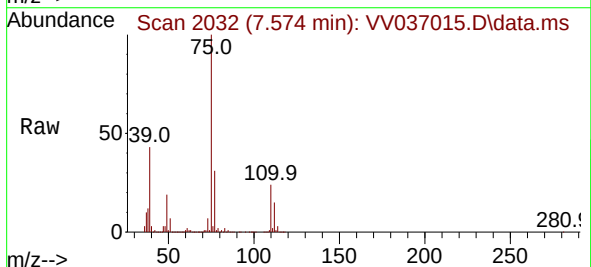
Acq: 26 Aug 2024 10:17

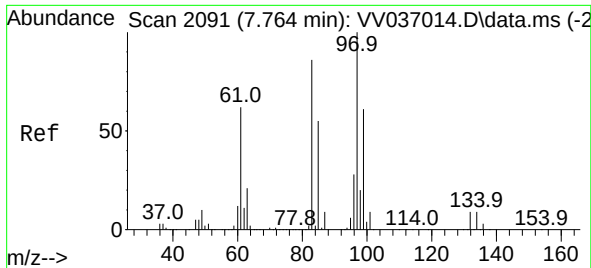
Tgt Ion: 75 Resp: 851638

Ion Ratio Lower Upper

75 100

77 31.3 22.0 40.8



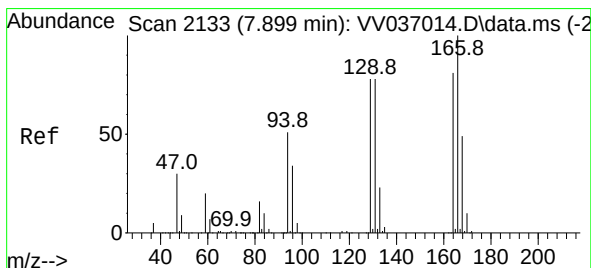
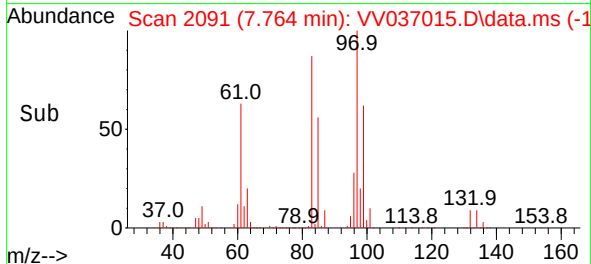
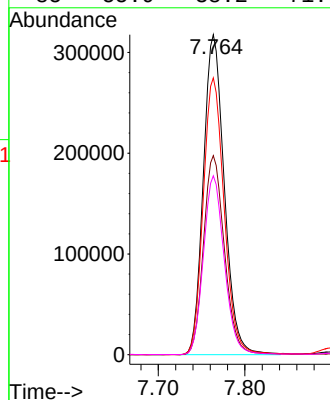
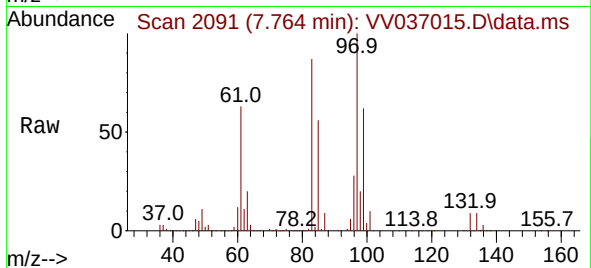


#45
1,1,2-Trichloroethane
Concen: 115.847 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 533773

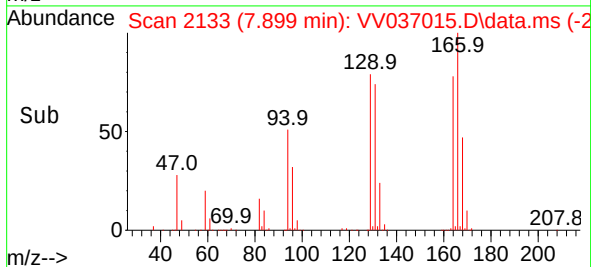
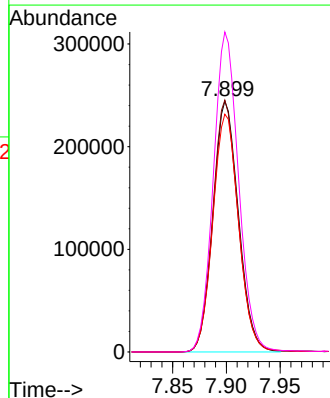
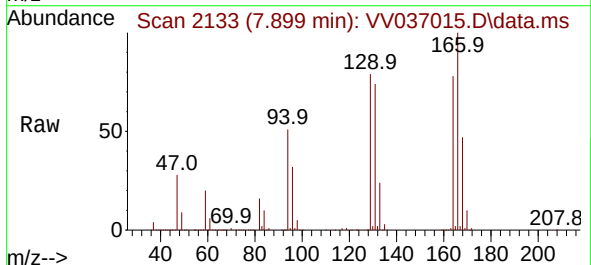
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.6	79.0
83	86.5	60.5	112.3
85	55.9	38.2	71.0

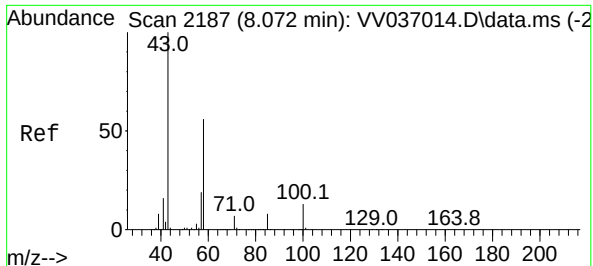


#46
Tetrachloroethene
Concen: 114.859 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

Tgt Ion: 164 Resp: 401597

Ion	Ratio	Lower	Upper
164	100		
129	100.4	67.1	124.7
131	94.8	67.0	124.4
166	127.6	86.2	160.2





#48

2-Hexanone

Concen: 237.656 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 897557

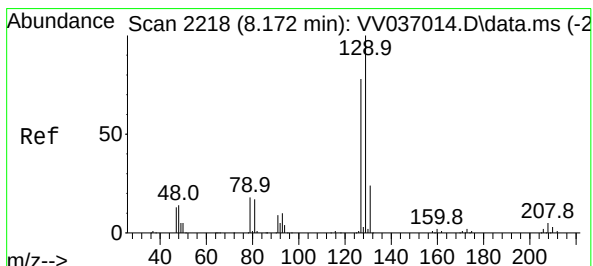
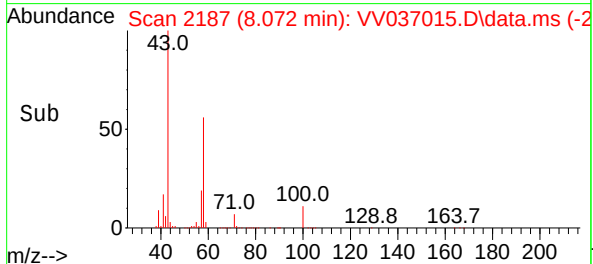
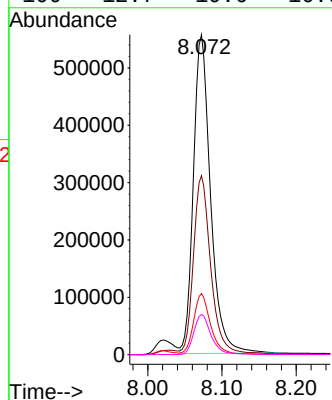
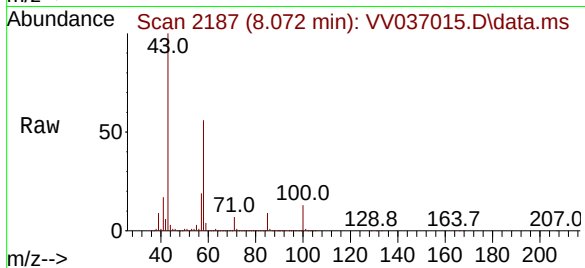
Ion Ratio Lower Upper

43 100

58 56.3 46.0 69.0

57 18.7 15.6 23.4

100 12.7 10.6 16.0



#49

Dibromochloromethane

Concen: 118.923 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV037015.D

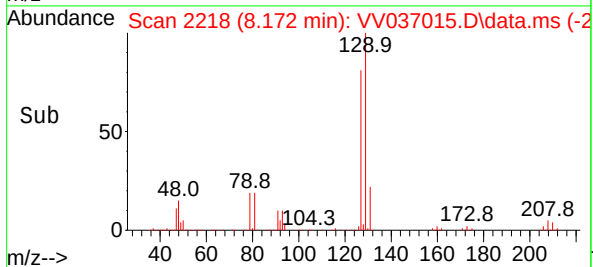
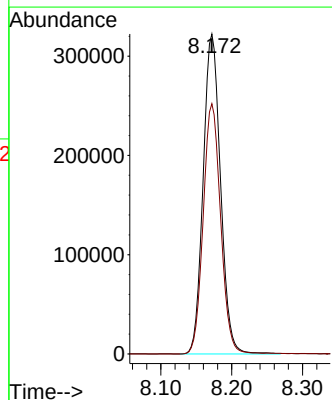
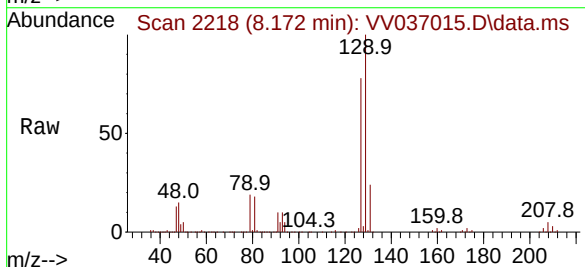
Acq: 26 Aug 2024 10:17

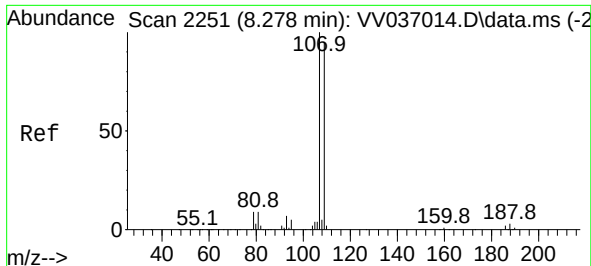
Tgt Ion: 129 Resp: 548665

Ion Ratio Lower Upper

129 100

127 78.2 54.7 101.7





#50

1,2-Dibromoethane

Concen: 117.325 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

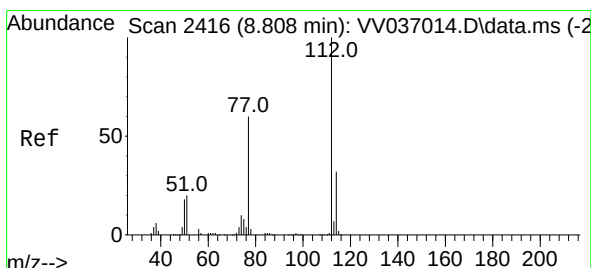
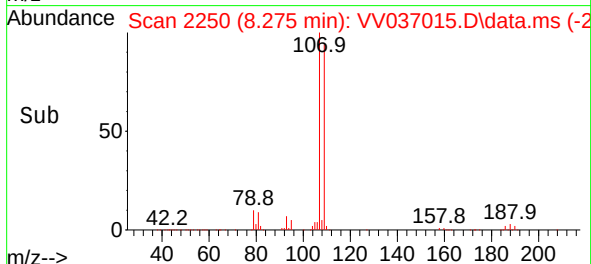
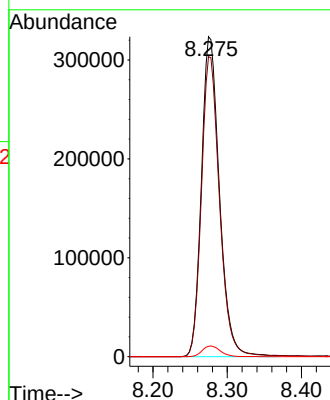
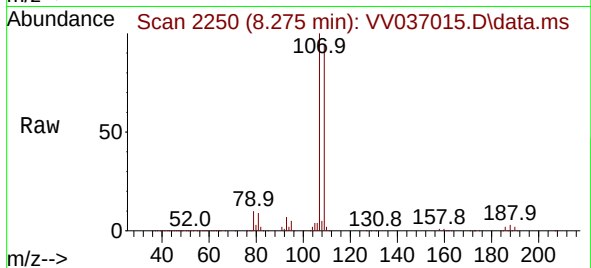
Tgt Ion:107 Resp: 547022

Ion Ratio Lower Upper

107 100

109 93.7 66.6 123.6

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 114.710 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

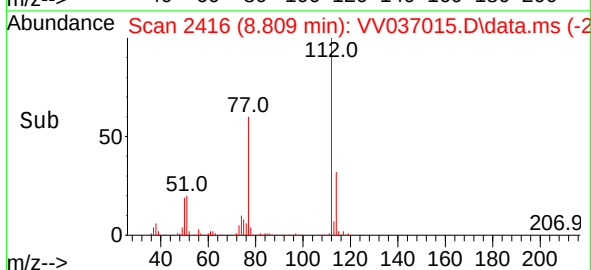
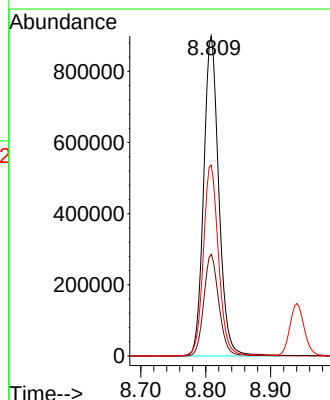
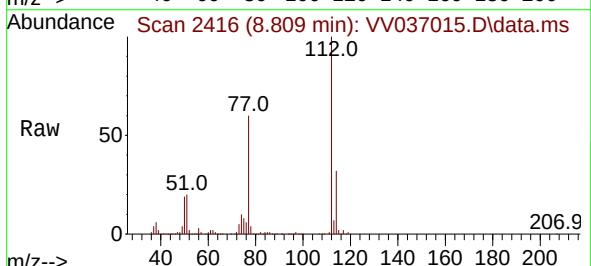
Tgt Ion:112 Resp: 1459819

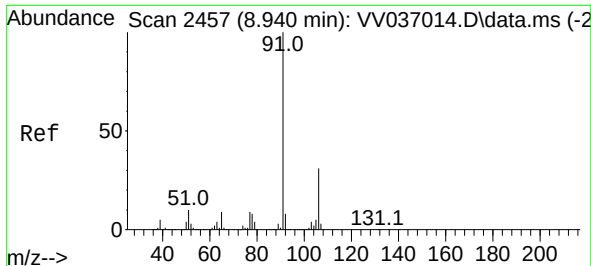
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

77 59.7 47.8 71.8





#52

Ethylbenzene

Concen: 118.160 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

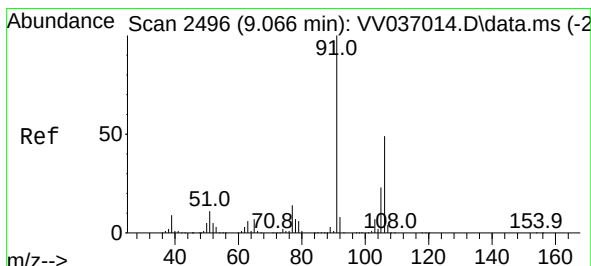
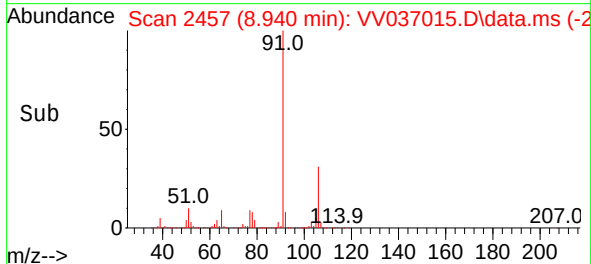
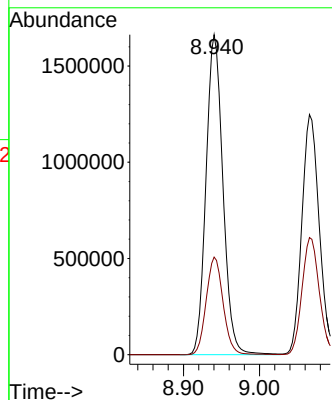
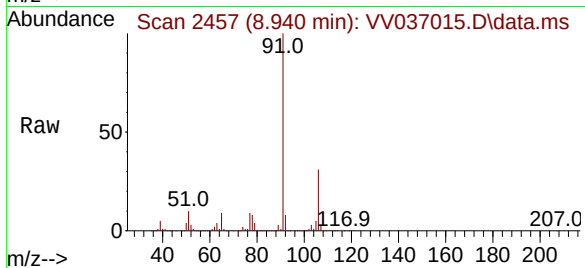
ClientSampleId :

Tgt Ion: 91 Resp: 2565611

Ion Ratio Lower Upper

91 100

106 30.5 21.4 39.8



#53

m,p-Xylene

Concen: 120.018 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037015.D

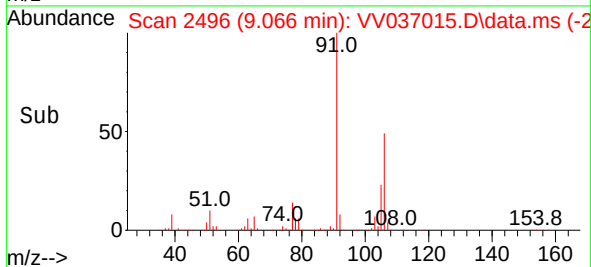
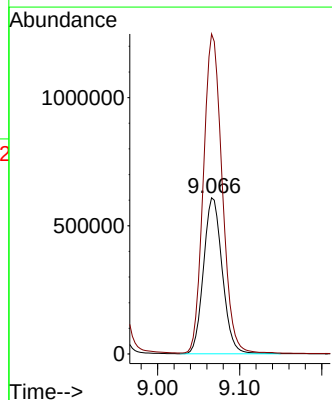
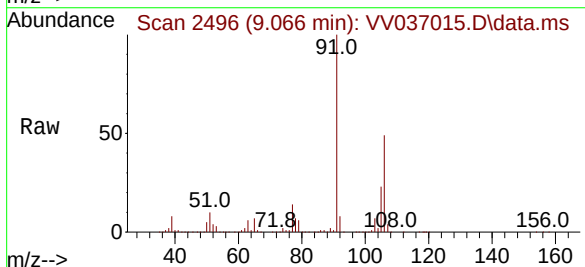
Acq: 26 Aug 2024 10:17

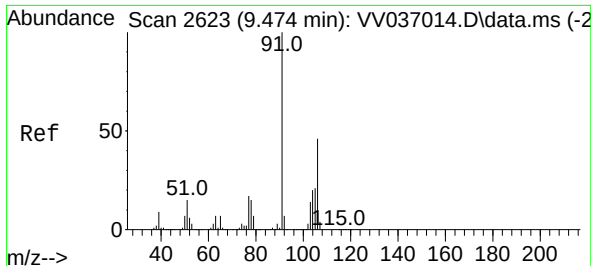
Tgt Ion:106 Resp: 965532

Ion Ratio Lower Upper

106 100

91 205.0 143.0 265.6





#54

o-Xylene

Concen: 119.719 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

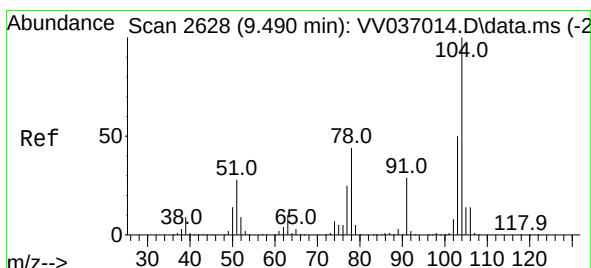
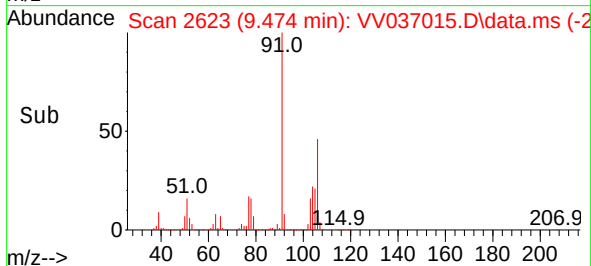
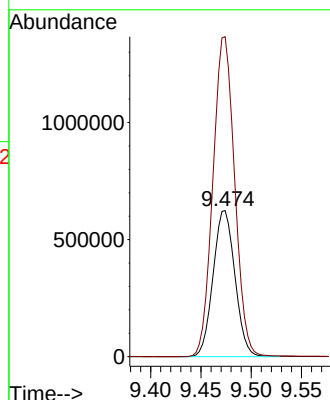
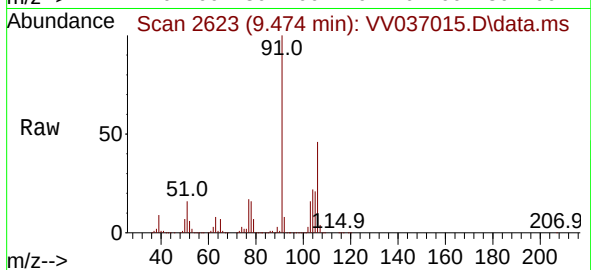
ClientSampleId :

Tgt Ion:106 Resp: 943014

Ion Ratio Lower Upper

106 100

91 219.0 153.2 284.6



#55

Styrene

Concen: 122.883 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV037015.D

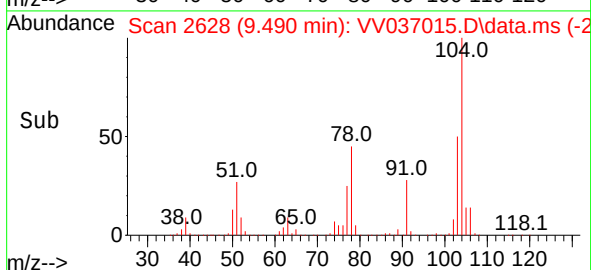
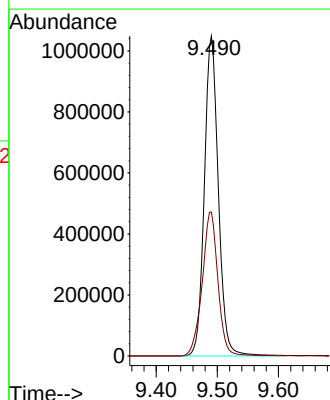
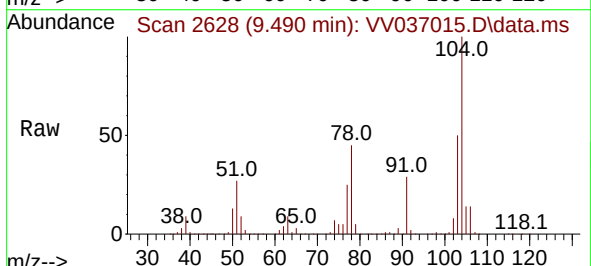
Acq: 26 Aug 2024 10:17

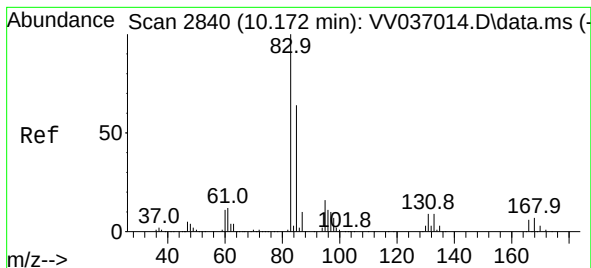
Tgt Ion:104 Resp: 1668924

Ion Ratio Lower Upper

104 100

78 45.0 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 117.691 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

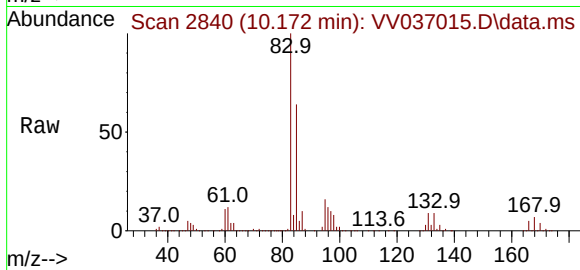
Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :



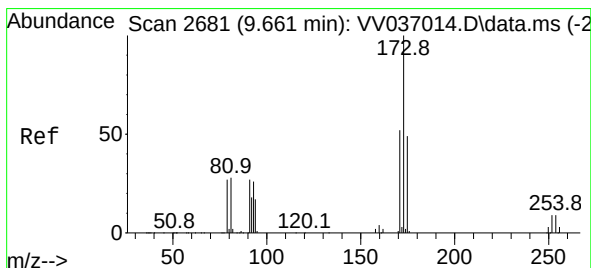
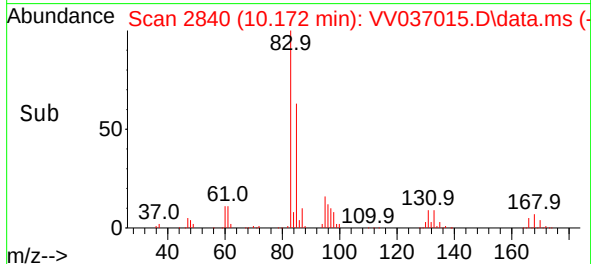
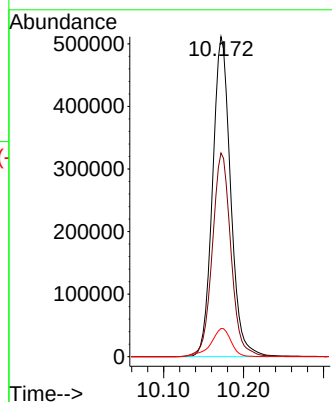
Tgt Ion: 83 Resp: 803125

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

131 8.8 7.4 11.0



#59

Bromoform

Concen: 119.255 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

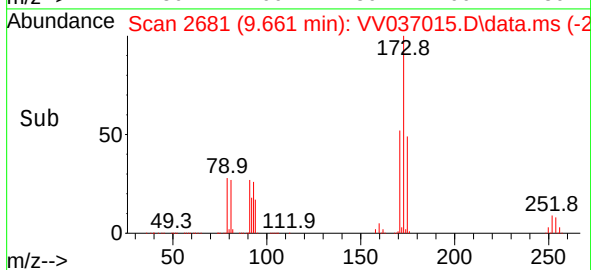
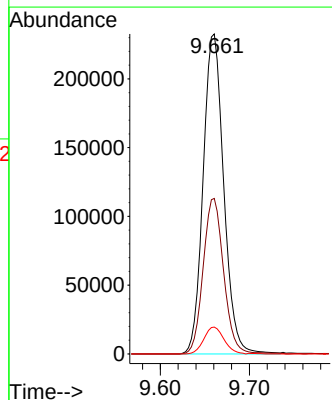
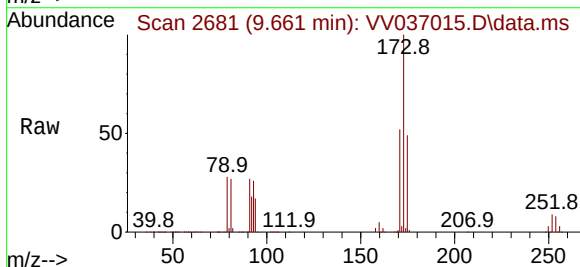
Tgt Ion:173 Resp: 373495

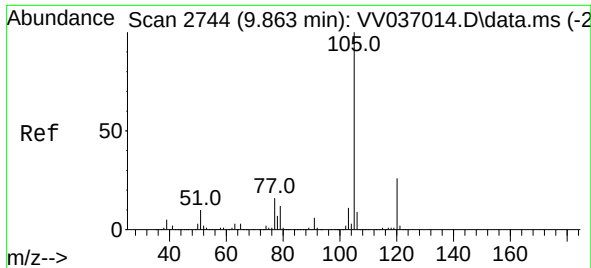
Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

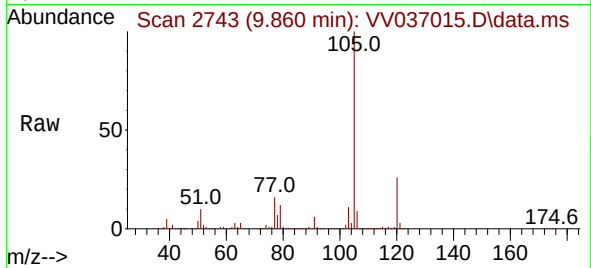
254 8.2 6.8 10.2



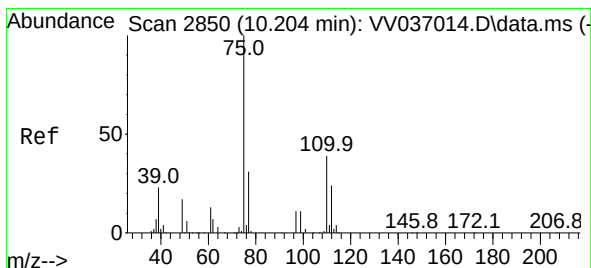
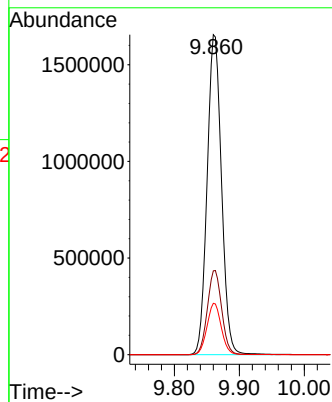
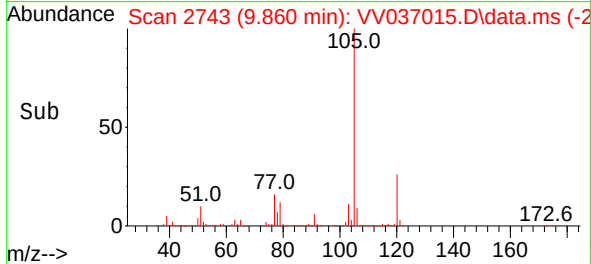


#60
Isopropylbenzene
Concen: 116.946 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17

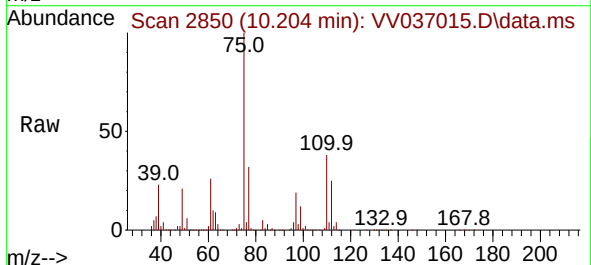
Instrument :
MSVOA_V
ClientSampleId :



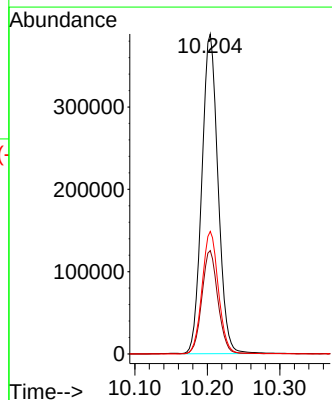
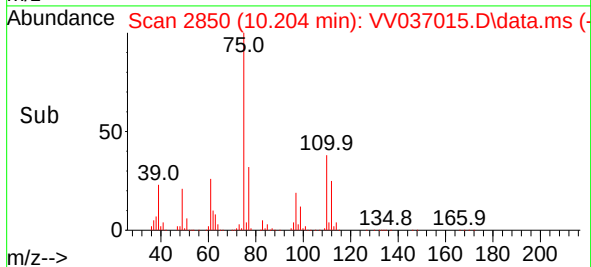
Tgt Ion:105 Resp: 2547215
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.9 12.6 19.0

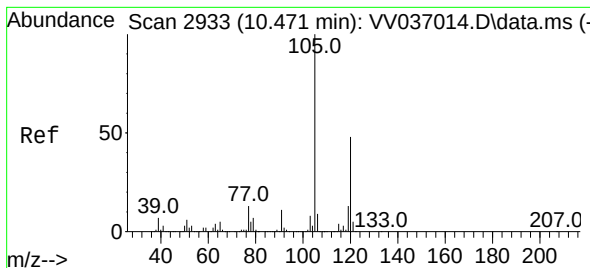


#61
1,2,3-Trichloropropane
Concen: 115.300 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037015.D
Acq: 26 Aug 2024 10:17



Tgt Ion: 75 Resp: 602614
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
110 38.5 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 119.808 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

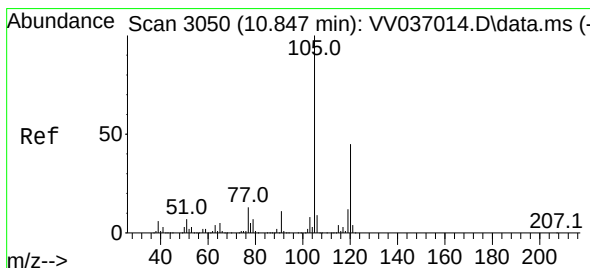
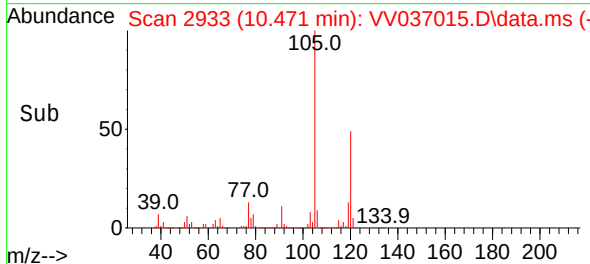
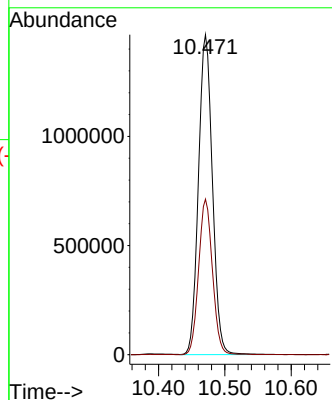
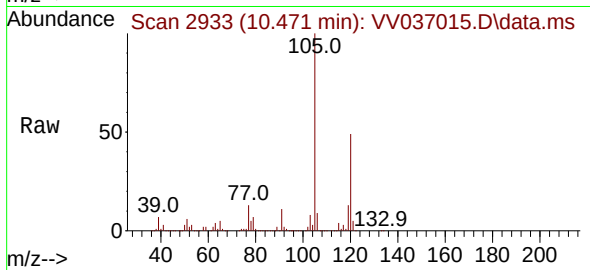
ClientSampleId :

Tgt Ion:105 Resp: 2135021

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 121.246 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037015.D

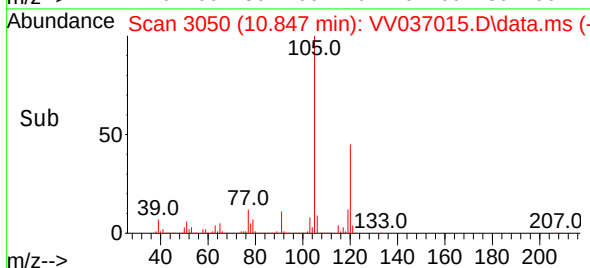
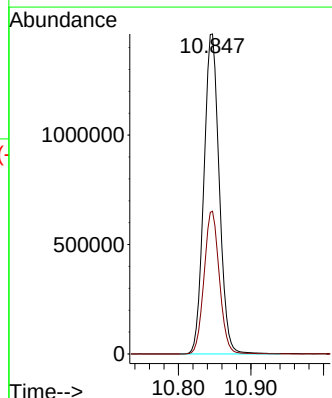
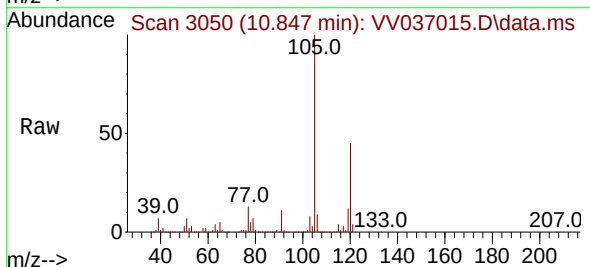
Acq: 26 Aug 2024 10:17

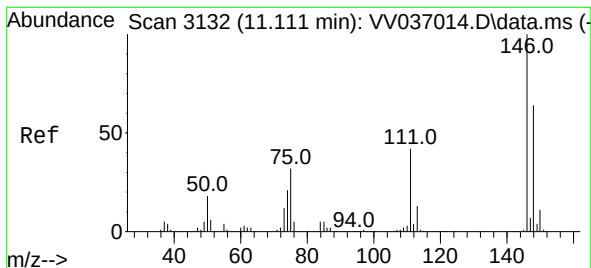
Tgt Ion:105 Resp: 2156240

Ion Ratio Lower Upper

105 100

120 44.4 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 113.817 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

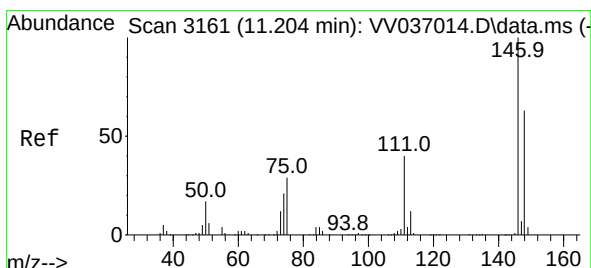
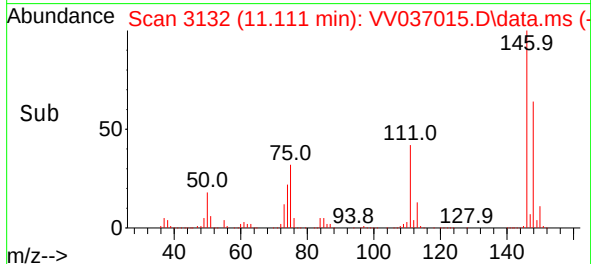
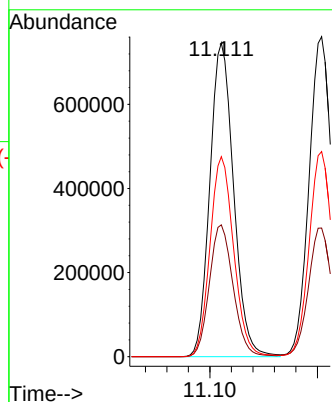
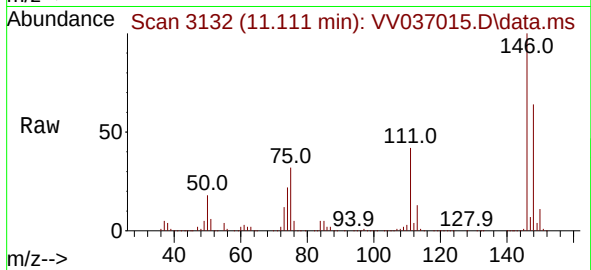
Tgt Ion:146 Resp: 1144733

Ion Ratio Lower Upper

146 100

111 42.0 29.7 55.1

148 63.7 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 113.648 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

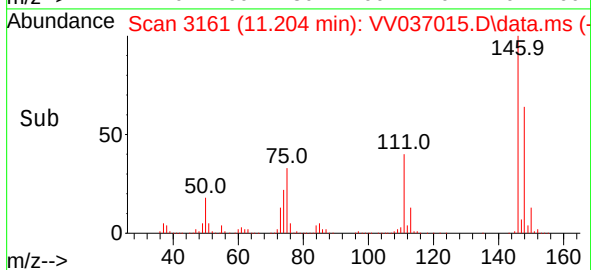
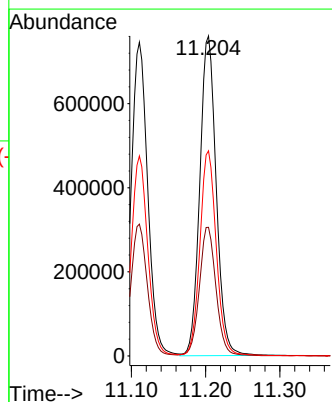
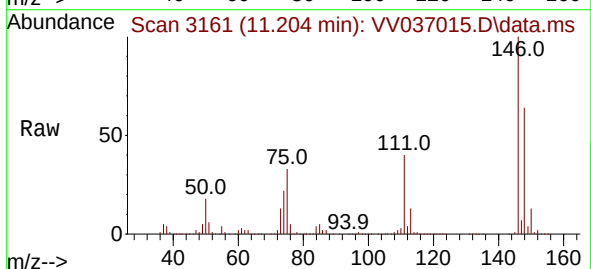
Tgt Ion:146 Resp: 1169886

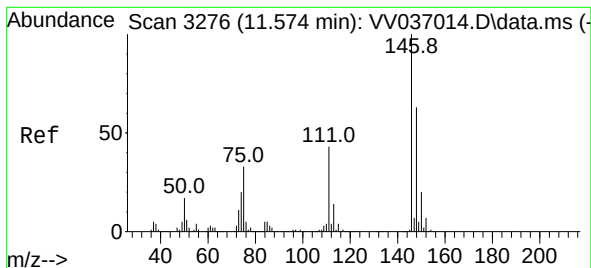
Ion Ratio Lower Upper

146 100

111 40.2 28.1 52.1

148 64.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 114.737 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

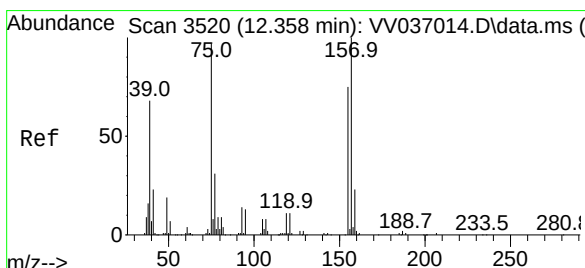
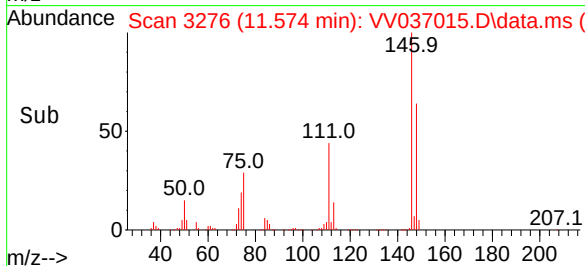
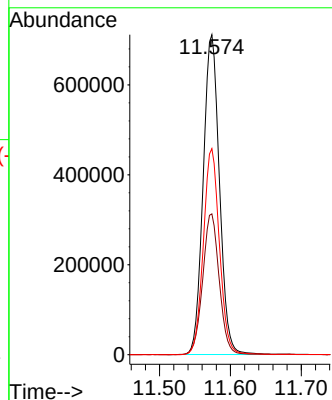
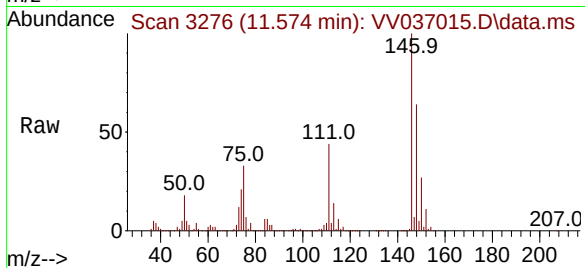
Tgt Ion:146 Resp: 1134671

Ion Ratio Lower Upper

146 100

111 44.0 34.6 51.8

148 64.4 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 120.227 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

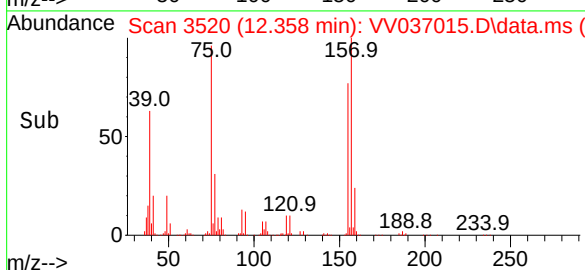
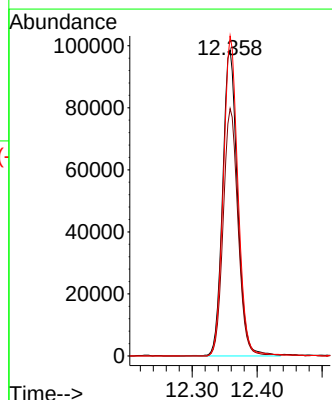
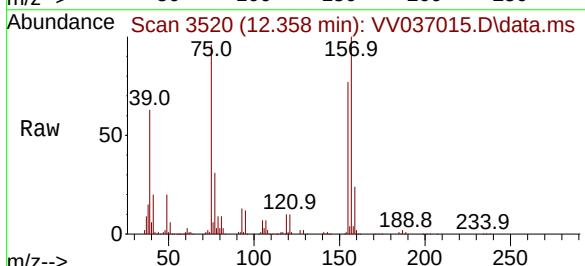
Tgt Ion: 75 Resp: 156705

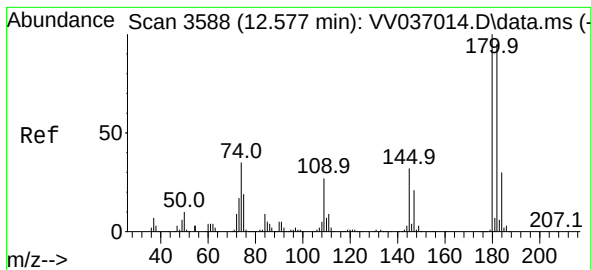
Ion Ratio Lower Upper

75 100

155 80.8 61.8 92.6

157 104.5 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 115.700 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

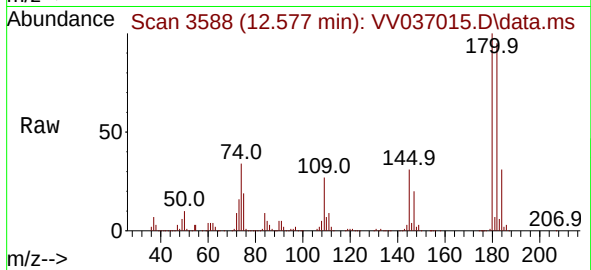
Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 809699

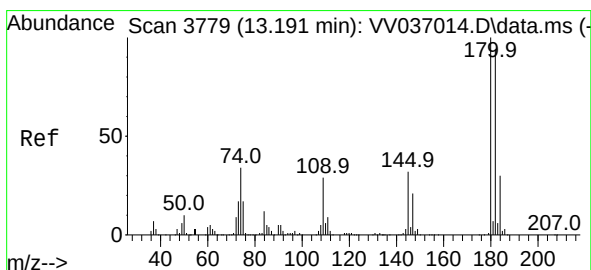
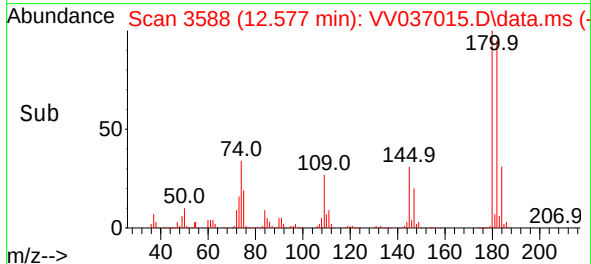
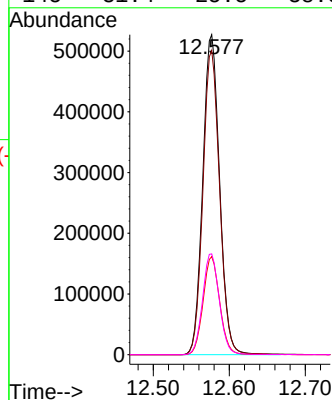
Ion Ratio Lower Upper

180 100

182 93.9 76.7 115.1

184 30.2 24.2 36.2

145 31.4 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 117.003 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

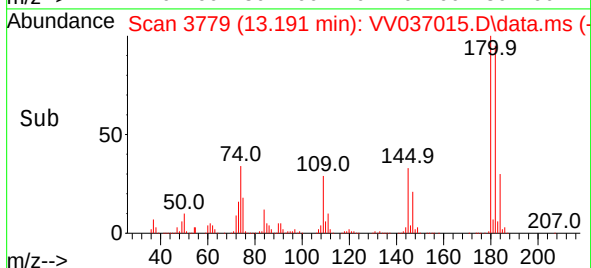
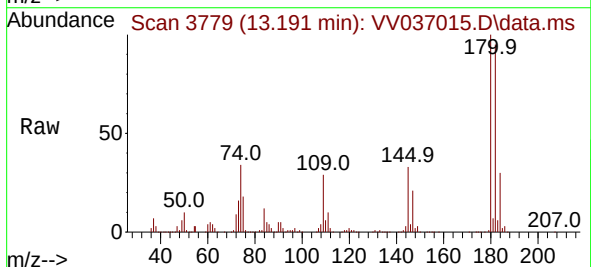
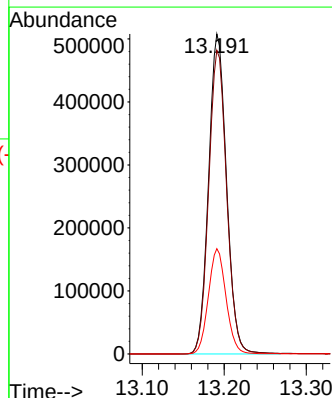
Tgt Ion:180 Resp: 771028

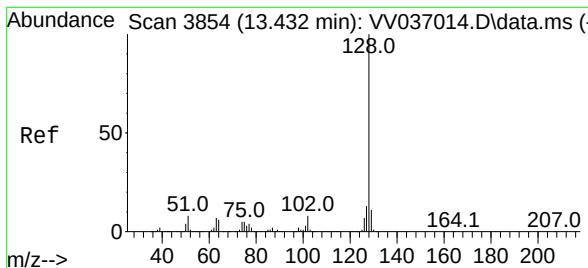
Ion Ratio Lower Upper

180 100

182 95.1 75.7 113.5

145 32.4 26.0 39.0





#71

Naphthalene

Concen: 120.898 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Instrument :

MSVOA_V

ClientSampleId :

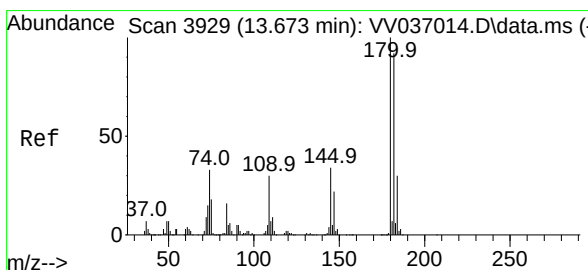
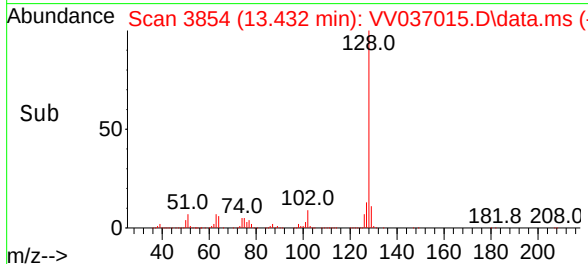
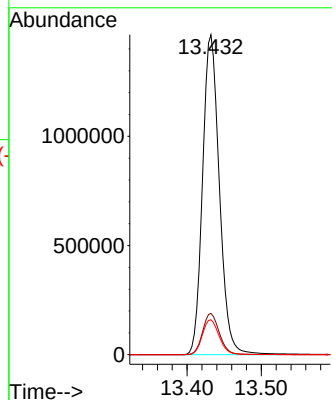
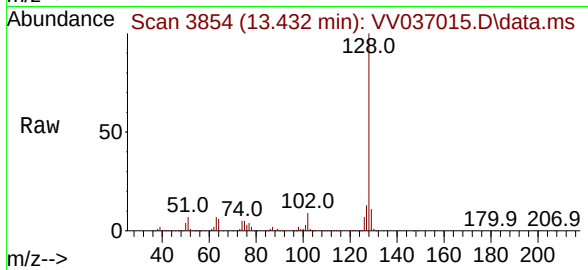
Tgt Ion:128 Resp: 2300525

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 116.441 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037015.D

Acq: 26 Aug 2024 10:17

Tgt Ion:180 Resp: 756182

Ion Ratio Lower Upper

180 100

182 94.5 75.1 112.7

145 33.8 27.0 40.4

