

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100824\
 Data File : VV037758.D
 Acq On : 08 Oct 2024 08:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 09 05:05:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 08 04:30:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	622866	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	604237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	343503	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	249615	45.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.300%
7) Chloroethane-d5	1.532	69	211152	49.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.500%
11) 1,1-Dichloroethene-d2	2.056	65	111362	48.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.500%
21) 2-Butanone-d5	3.786	46	190280	97.704	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.700%
24) Chloroform-d	4.236	84	506240	52.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.080%
26) 1,2-Dichloroethane-d4	4.931	65	290597	51.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.080%
32) Benzene-d6	4.950	84	955997	50.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.120%
36) 1,2-Dichloropropane-d6	5.979	67	305282	50.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	7.233	98	882207	51.456	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.920%
43) trans-1,3-Dichloroprop...	7.545	79	140057	50.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.160%
47) 2-Hexanone-d5	8.021	63	120307	94.630	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.630%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	356918	51.019	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.040%
66) 1,2-Dichlorobenzene-d4	11.551	152	339223	46.865	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	264428	49.868	ug/L	100
3) Chloromethane	1.217	50	261941	50.883	ug/L	99
5) Vinyl chloride	1.285	62	273603	49.575	ug/L	100
6) Bromomethane	1.487	94	159939	52.221	ug/L	99
8) Chloroethane	1.548	64	174463	51.288	ug/L	99
9) Trichlorofluoromethane	1.712	101	389699	52.458	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	238346	53.691	ug/L	99
12) 1,1-Dichloroethene	2.069	96	213321	51.443	ug/L	85
13) Acetone	2.108	43	189962	99.500	ug/L	98
14) Carbon disulfide	2.240	76	609958	47.124	ug/L	100
15) Methyl Acetate	2.368	43	172923	51.902	ug/L	99
16) Methylene chloride	2.442	84	246071	52.409	ug/L	96
17) trans-1,2-Dichloroethene	2.687	96	225253	51.347	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	672435	53.428	ug/L	99
19) 1,1-Dichloroethane	3.101	63	445838	53.044	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	253227	51.583	ug/L	99
22) 2-Butanone	3.867	43	209587	99.183	ug/L	99
23) Bromochloromethane	4.137	128	134817	53.090	ug/L	96
25) Chloroform	4.265	83	460995	52.974	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100824\
 Data File : VV037758.D
 Acq On : 08 Oct 2024 08:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

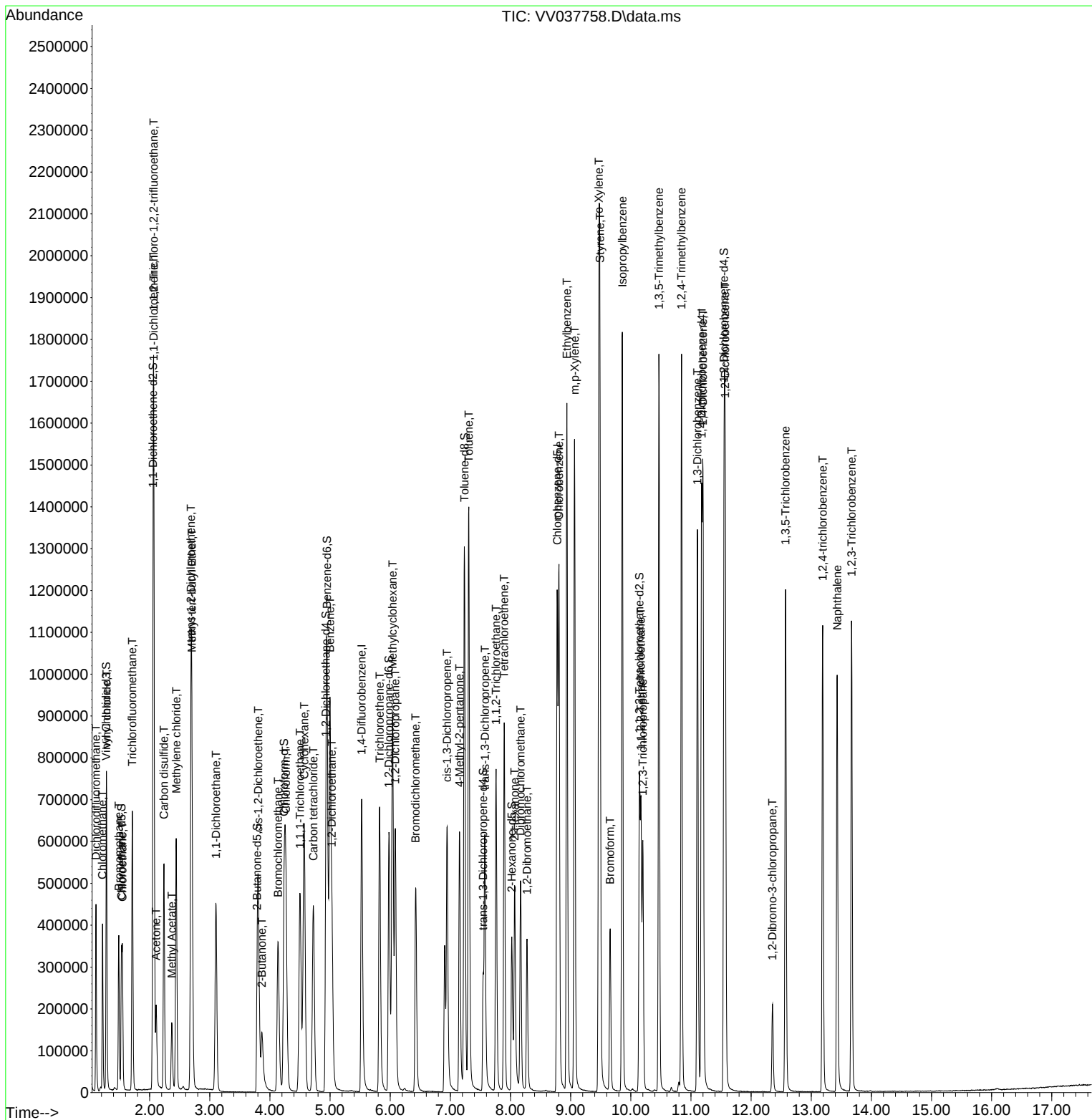
Instrument :
 MSVOA_V
 ClientSampleId :

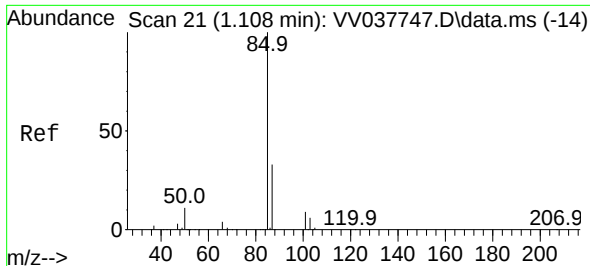
Quant Time: Oct 09 05:05:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 08 04:30:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	333852	54.343	ug/L	98
29) Cyclohexane	4.571	56	340629	49.651	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	398499	53.548	ug/L	99
31) Carbon tetrachloride	4.722	117	346608	53.570	ug/L	99
33) Benzene	4.998	78	962521	52.819	ug/L	100
34) Trichloroethene	5.825	95	248429	51.191	ug/L	99
35) Methylcyclohexane	6.040	83	380764	51.001	ug/L	98
37) 1,2-Dichloropropane	6.085	63	257449	54.710	ug/L	99
38) Bromodichloromethane	6.423	83	340108	54.067	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	408715	54.411	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	409092	106.772	ug/L	100
42) Toluene	7.307	91	1028562	54.445	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	359314	53.131	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	242501	53.669	ug/L	99
46) Tetrachloroethene	7.895	164	194917	52.532	ug/L	98
48) 2-Hexanone	8.069	43	303608	101.907	ug/L	99
49) Dibromochloromethane	8.169	129	260434	54.459	ug/L	98
50) 1,2-Dibromoethane	8.275	107	242723	51.967	ug/L	100
51) Chlorobenzene	8.805	112	679144	52.766	ug/L	99
52) Ethylbenzene	8.937	91	1143459	53.771	ug/L	99
53) m,p-Xylene	9.066	106	437209	55.242	ug/L	98
54) o-Xylene	9.471	106	416839	53.948	ug/L	96
55) Styrene	9.487	104	760020	56.503	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	330780	52.507	ug/L	98
59) Bromoform	9.657	173	171149	50.978	ug/L	98
60) Isopropylbenzene	9.860	105	1147686	51.391	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	238089	48.710	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	909959	51.538	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	908711	51.727	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	546350	50.826	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	560706	50.094	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	531997	50.064	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	53903	45.430	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	366728	49.611	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	325547	47.467	ug/L	100
71) Naphthalene	13.432	128	794025	44.313	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	323263	47.729	ug/L	100

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

Quant Time: Oct 09 05:05:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 08 04:30:01 2024
Response via : Initial Calibration

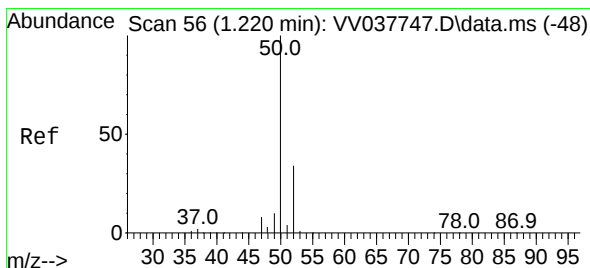
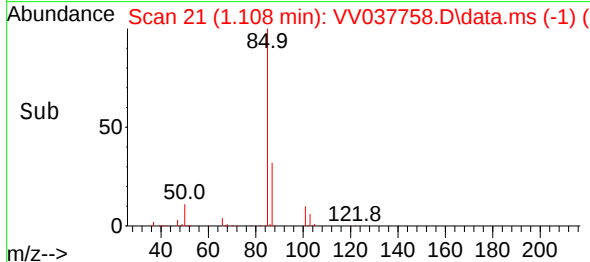
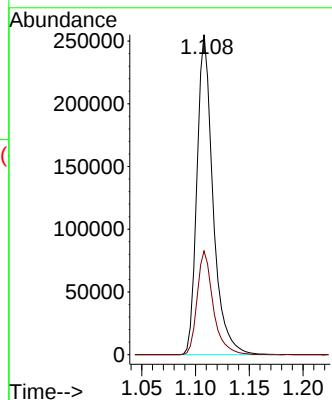
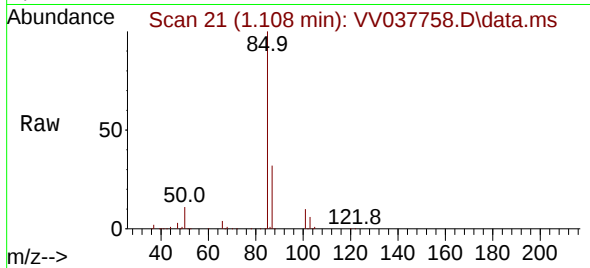




#2
Dichlorodifluoromethane
Concen: 49.868 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

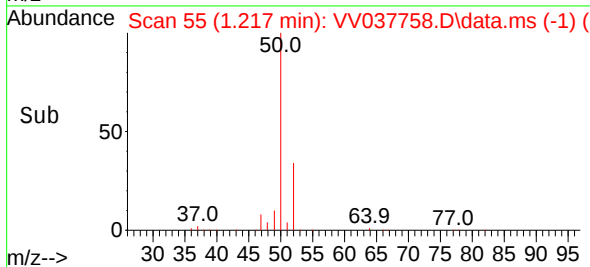
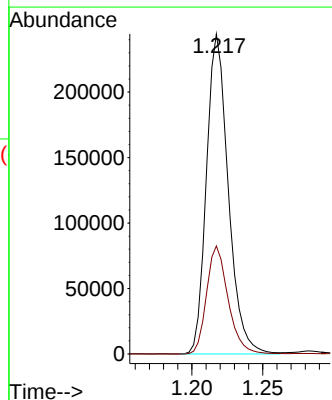
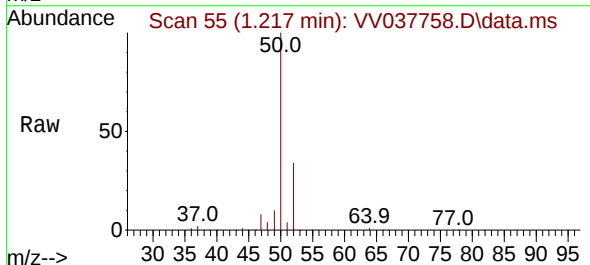
Instrument :
MSVOA_V
ClientSampleId :

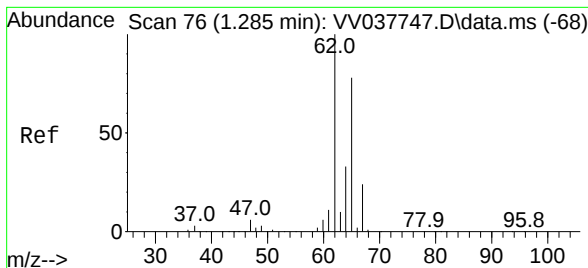
Tgt Ion: 85 Resp: 264428
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.8



#3
Chloromethane
Concen: 50.883 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.003 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

Tgt Ion: 50 Resp: 261941
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2





#5

Vinyl chloride

Concen: 49.575 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

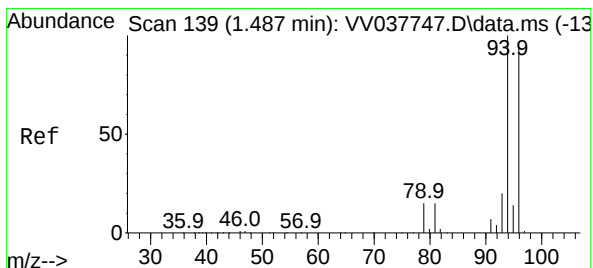
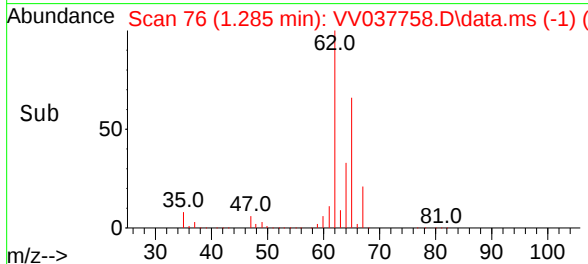
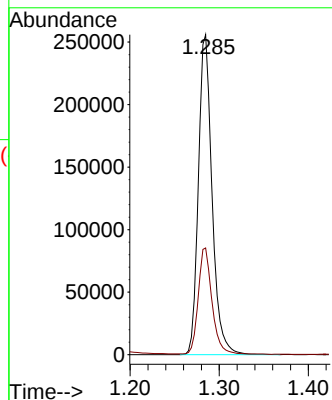
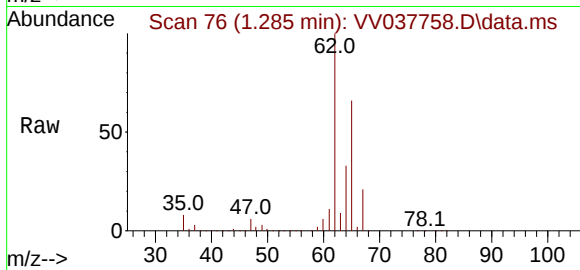
ClientSampleId :

Tgt Ion: 62 Resp: 273603

Ion Ratio Lower Upper

62 100

64 33.3 23.2 43.0



#6

Bromomethane

Concen: 52.221 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037758.D

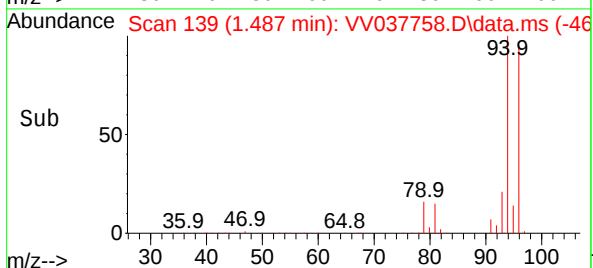
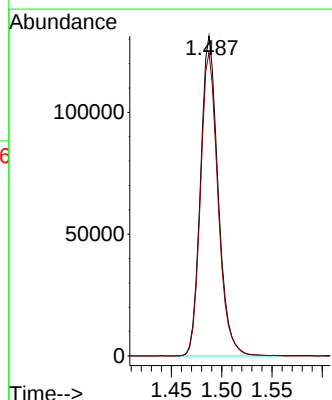
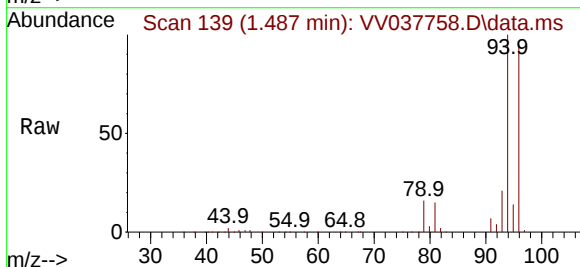
Acq: 08 Oct 2024 08:31

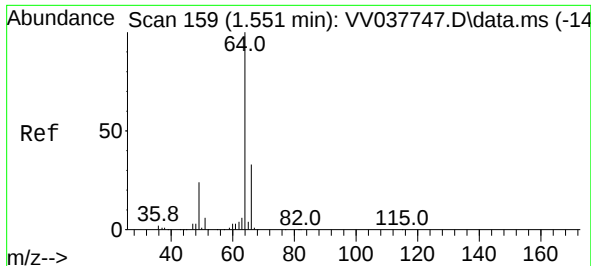
Tgt Ion: 94 Resp: 159939

Ion Ratio Lower Upper

94 100

96 94.8 65.8 122.2

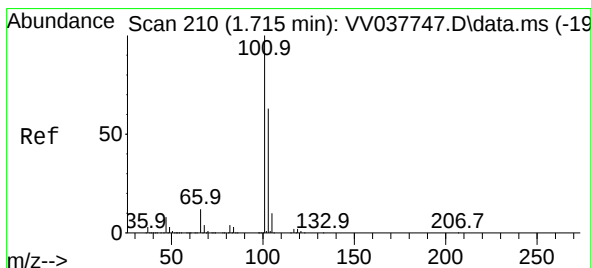
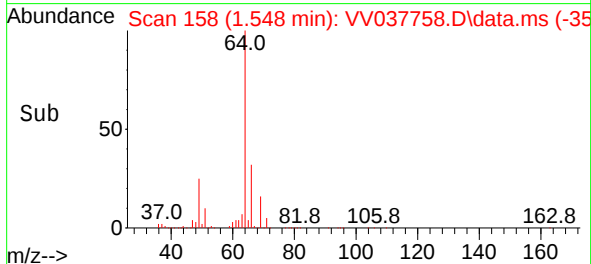
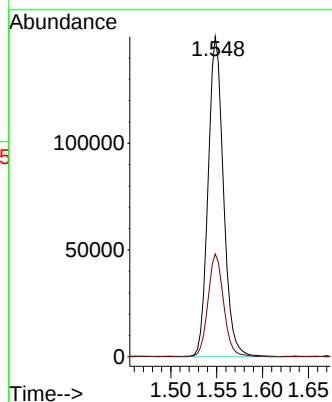
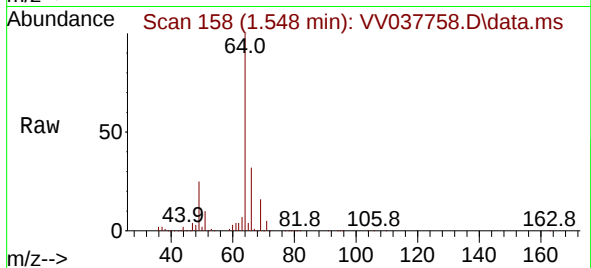




#8
Chloroethane
Concen: 51.288 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

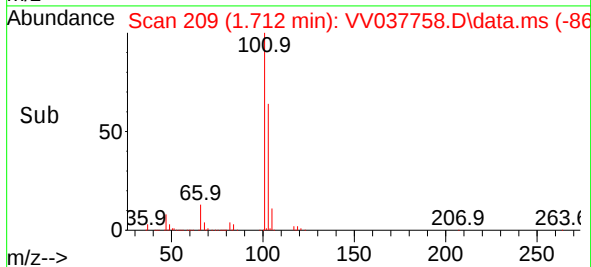
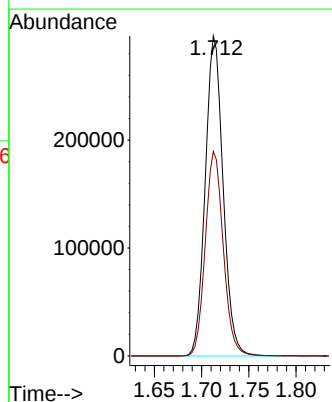
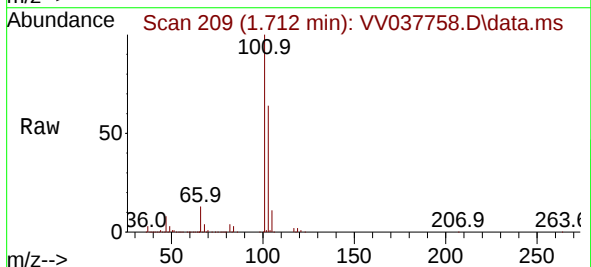
Instrument :
MSVOA_V
ClientSampleId :

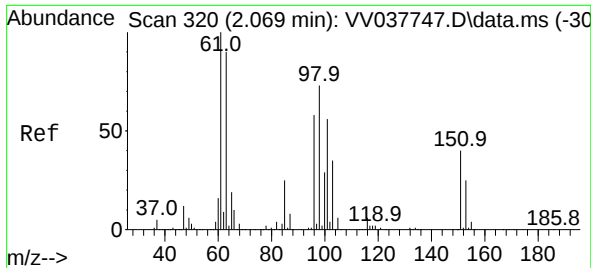
Tgt Ion: 64 Resp: 174463
Ion Ratio Lower Upper
64 100
66 32.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 52.458 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

Tgt Ion:101 Resp: 389699
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

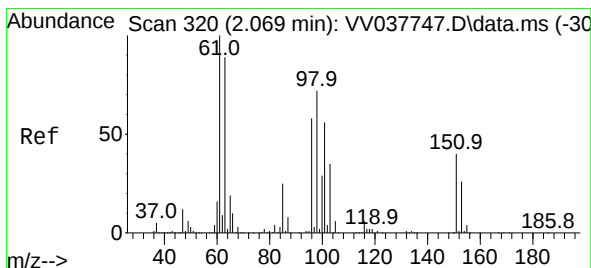
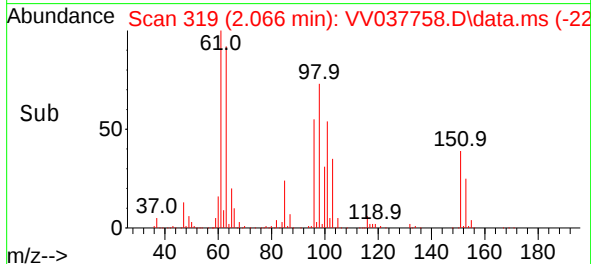
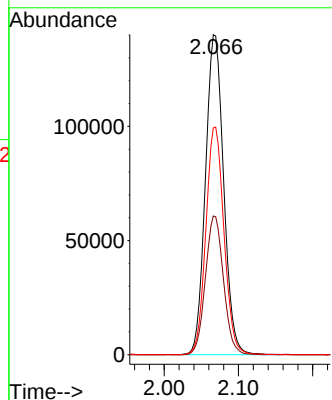
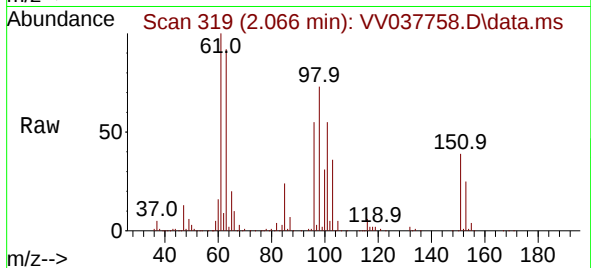




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.691 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

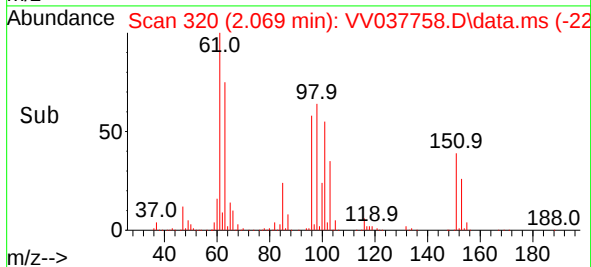
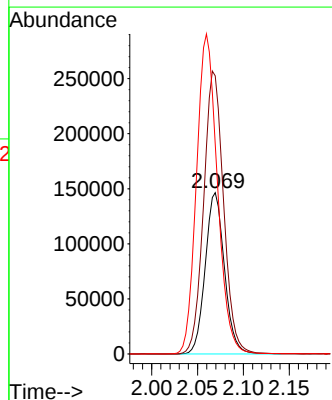
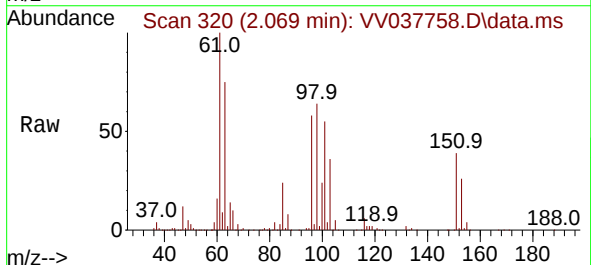
Instrument :
MSVOA_V
ClientSampleId :

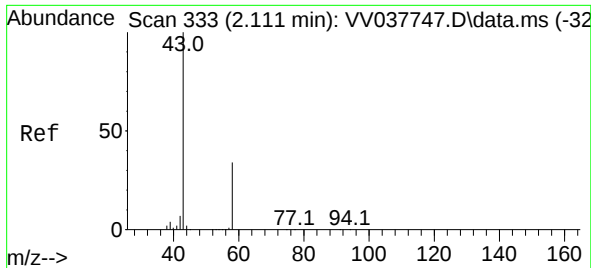
Tgt Ion:101 Resp: 238346
Ion Ratio Lower Upper
101 100
85 43.0 34.6 52.0
151 70.9 57.5 86.3



#12
1,1-Dichloroethene
Concen: 51.443 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

Tgt Ion: 96 Resp: 213321
Ion Ratio Lower Upper
96 100
61 172.3 122.6 227.6
63 130.0 118.0 219.2





#13

Acetone

Concen: 99.500 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

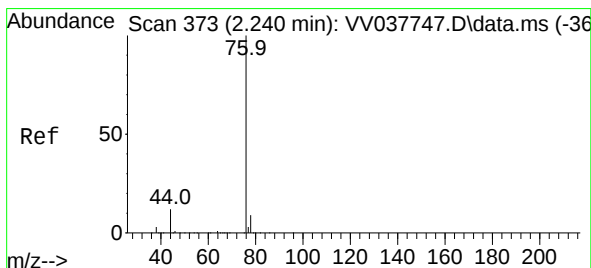
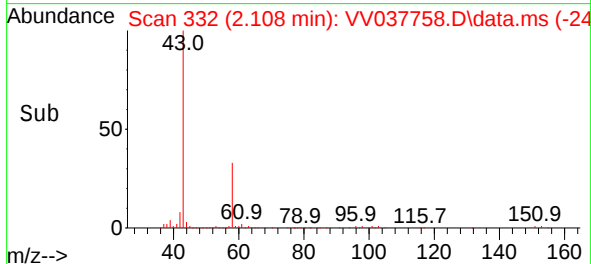
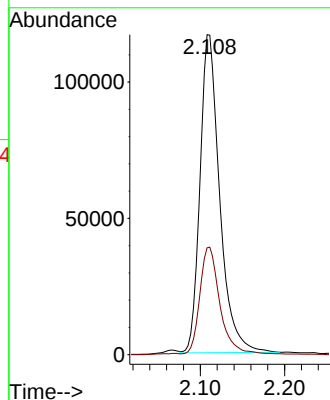
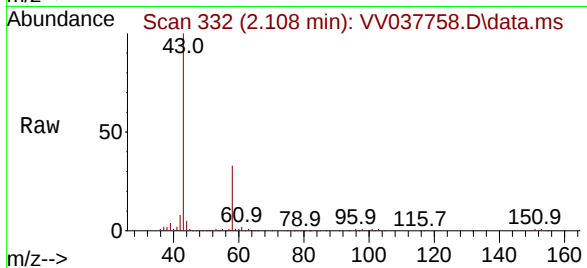
ClientSampleId :

Tgt Ion: 43 Resp: 189962

Ion Ratio Lower Upper

43 100

58 34.2 0.0 66.6



#14

Carbon disulfide

Concen: 47.124 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037758.D

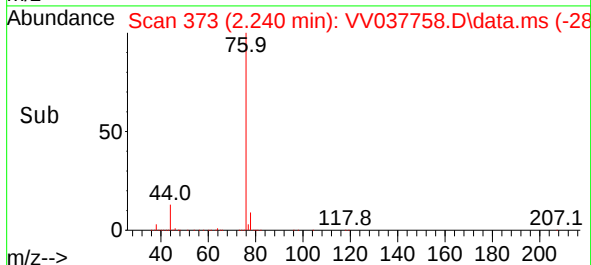
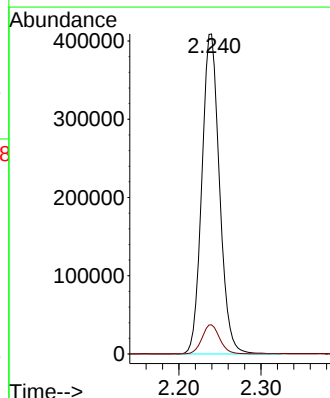
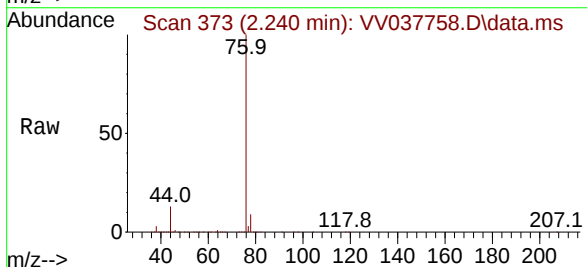
Acq: 08 Oct 2024 08:31

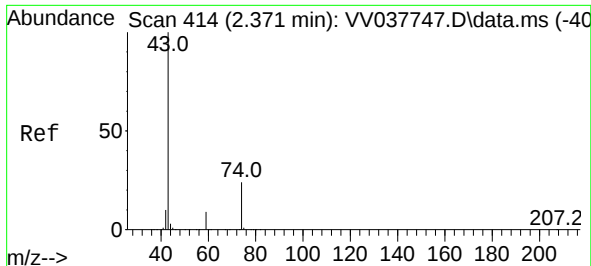
Tgt Ion: 76 Resp: 609958

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 51.902 ug/L

RT: 2.368 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

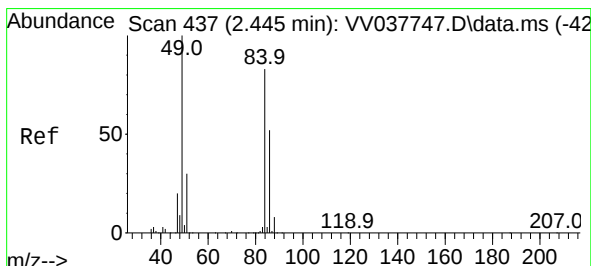
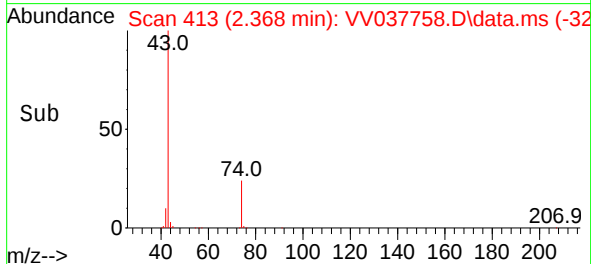
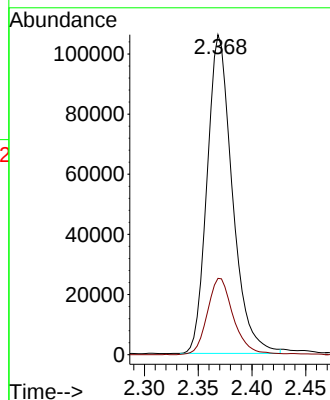
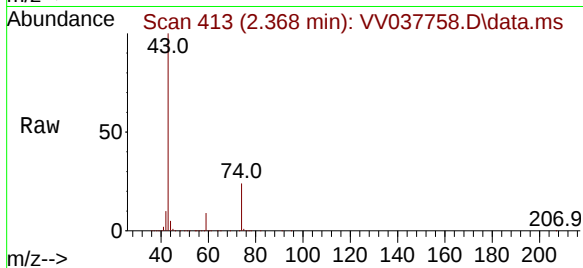
ClientSampleId :

Tgt Ion: 43 Resp: 172923

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.0



#16

Methylene chloride

Concen: 52.409 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

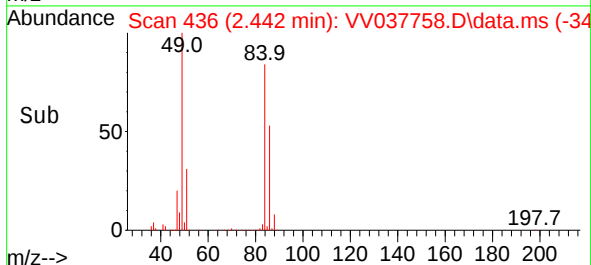
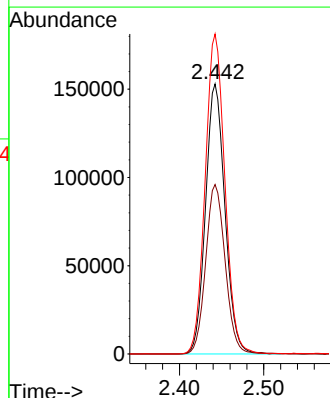
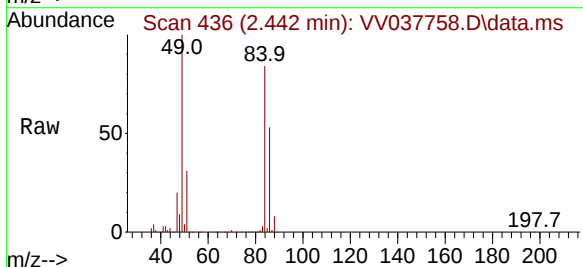
Tgt Ion: 84 Resp: 246071

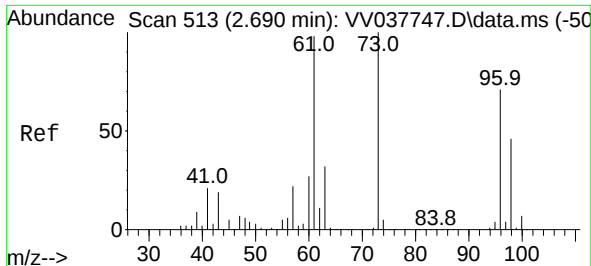
Ion Ratio Lower Upper

84 100

86 62.8 46.4 86.2

49 118.5 85.9 159.5

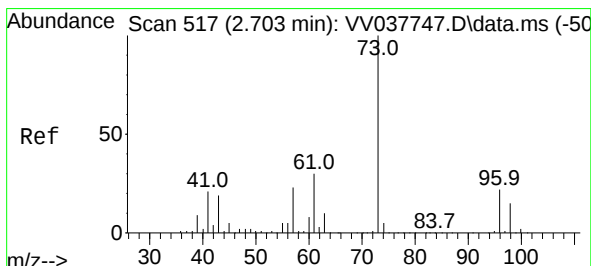
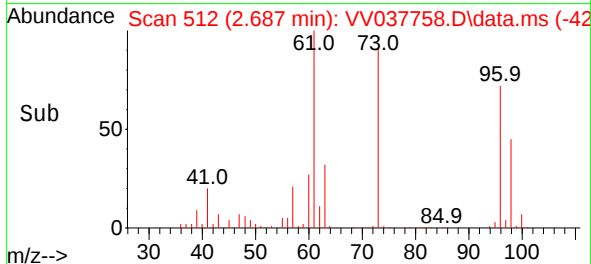
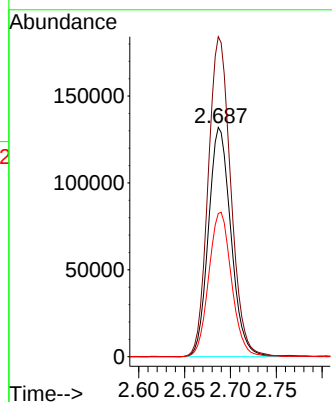
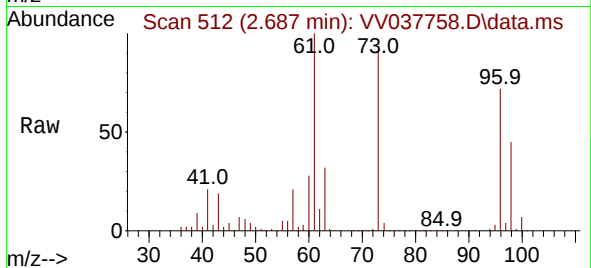




#17
trans-1,2-Dichloroethene
Concen: 51.347 ug/L
RT: 2.687 min Scan# 513
Delta R.T. -0.003 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

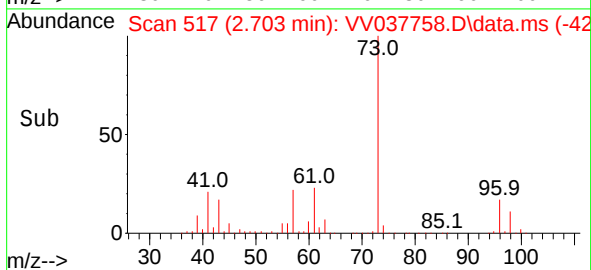
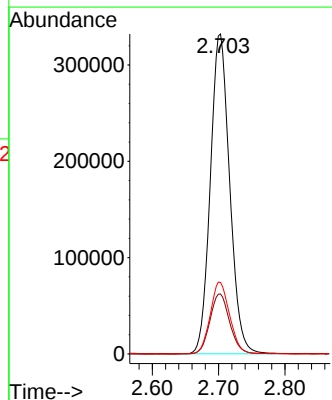
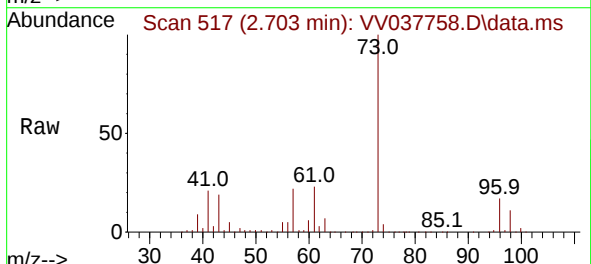
Instrument :
MSVOA_V
ClientSampleId :

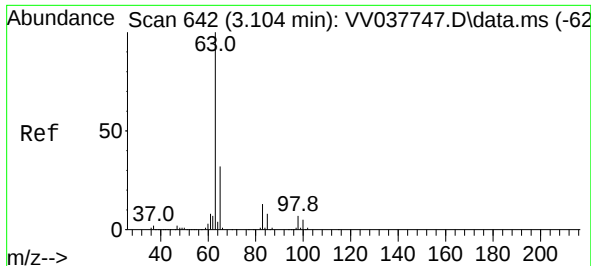
Tgt Ion: 96 Resp: 225253
Ion Ratio Lower Upper
96 100
61 139.6 97.3 180.7
98 62.5 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 53.428 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

Tgt Ion: 73 Resp: 672435
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7
57 22.7 17.4 26.2

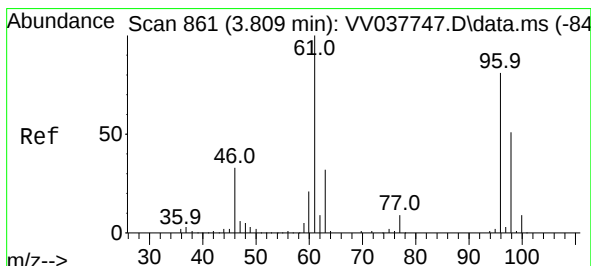
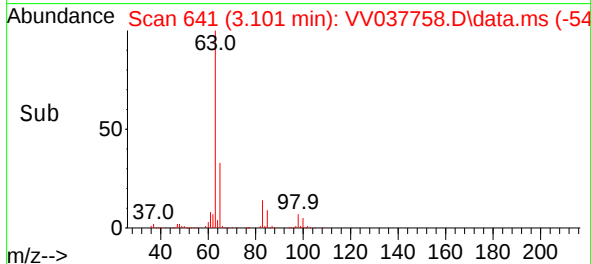
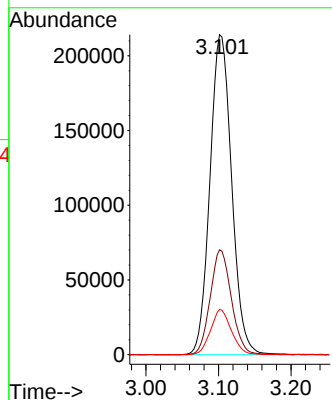
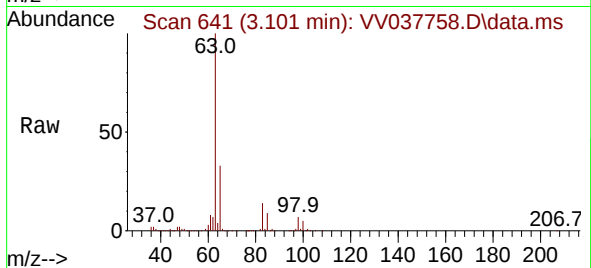




#19
1,1-Dichloroethane
Concen: 53.044 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

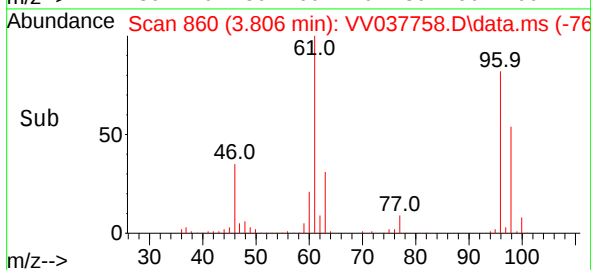
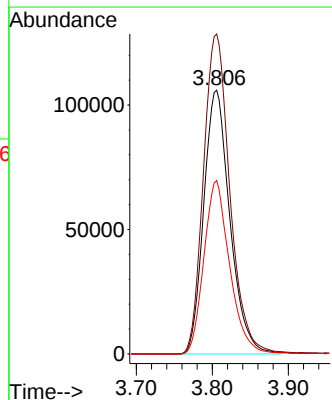
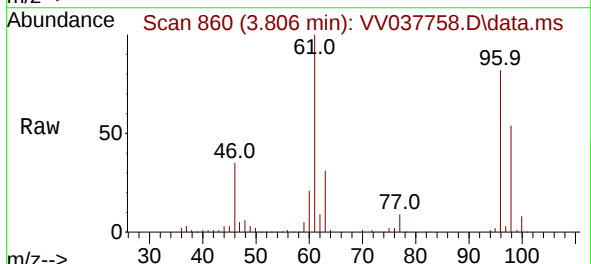
Instrument :
MSVOA_V
ClientSampleId :

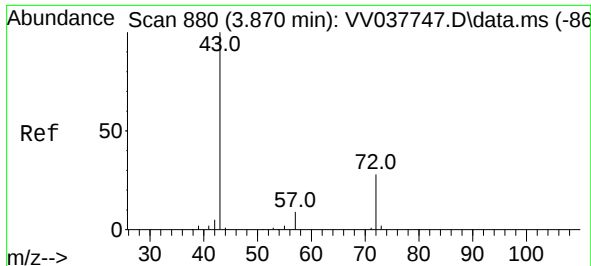
Tgt Ion: 63 Resp: 445838
Ion Ratio Lower Upper
63 100
65 32.8 22.4 41.6
83 14.1 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 51.583 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

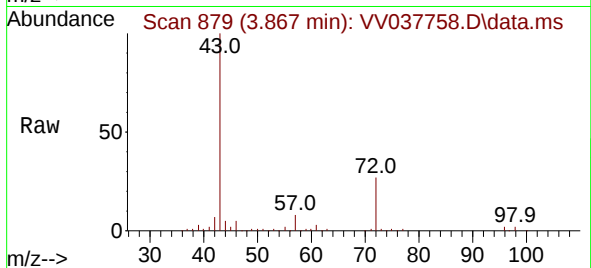
Tgt Ion: 96 Resp: 253227
Ion Ratio Lower Upper
96 100
61 121.3 85.0 157.8
98 65.7 44.2 82.0



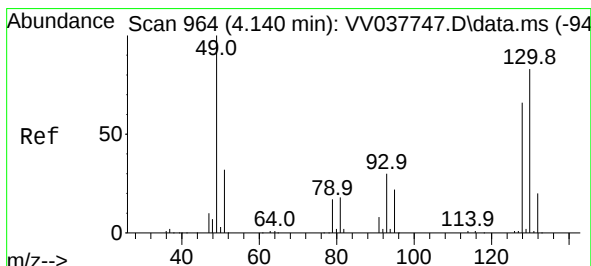
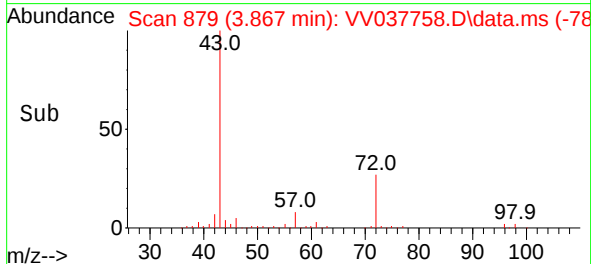
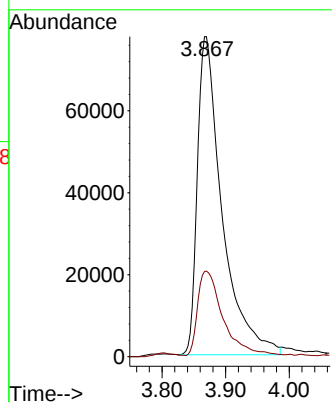


#22
2-Butanone
Concen: 99.183 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

Instrument :
MSVOA_V
ClientSampleId :

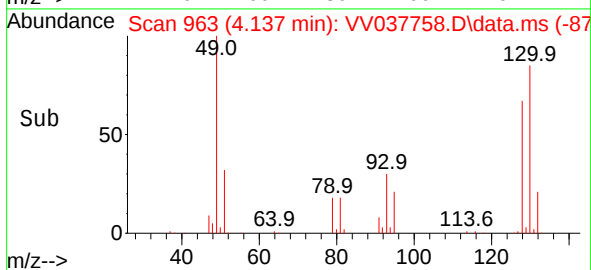
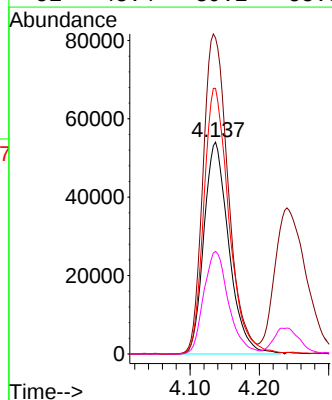
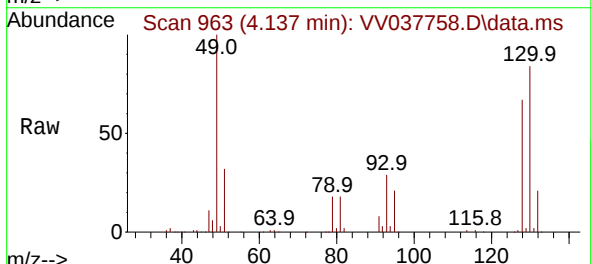


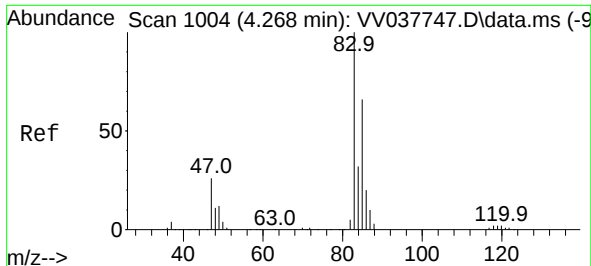
Tgt Ion: 43 Resp: 209587
Ion Ratio Lower Upper
43 100
72 27.9 14.3 42.9



#23
Bromochloromethane
Concen: 53.090 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

Tgt Ion: 128 Resp: 134817
Ion Ratio Lower Upper
128 100
49 149.1 108.7 201.9
130 125.4 90.4 168.0
51 48.4 39.2 58.8





#25

Chloroform

Concen: 52.974 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

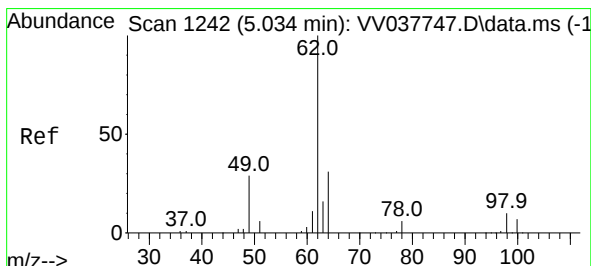
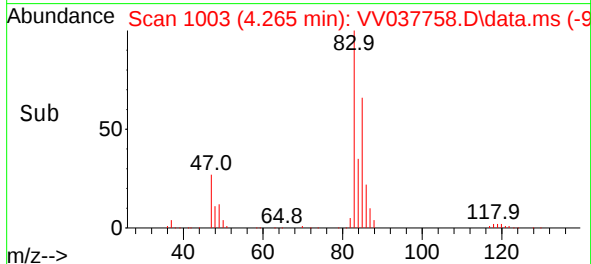
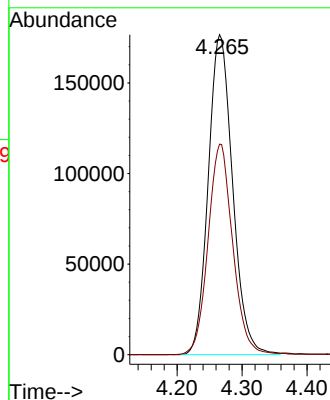
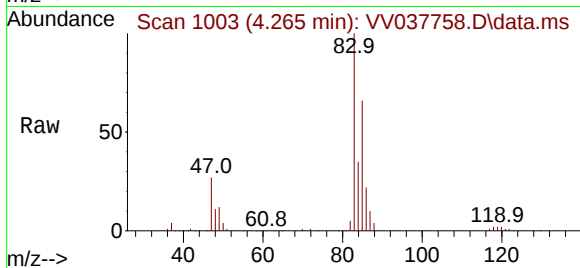
ClientSampleId :

Tgt Ion: 83 Resp: 460995

Ion Ratio Lower Upper

83 100

85 65.8 45.1 83.7



#27

1,2-Dichloroethane

Concen: 54.343 ug/L

RT: 5.031 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VV037758.D

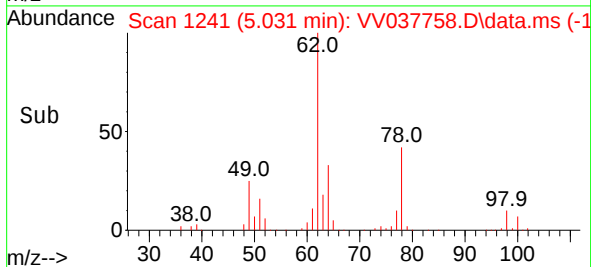
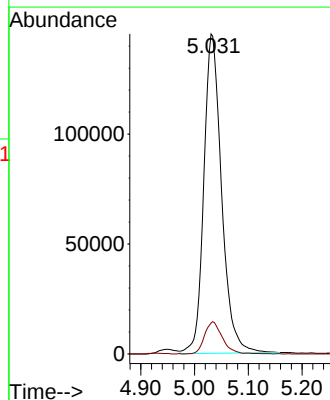
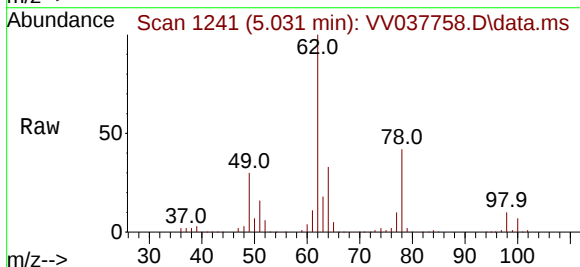
Acq: 08 Oct 2024 08:31

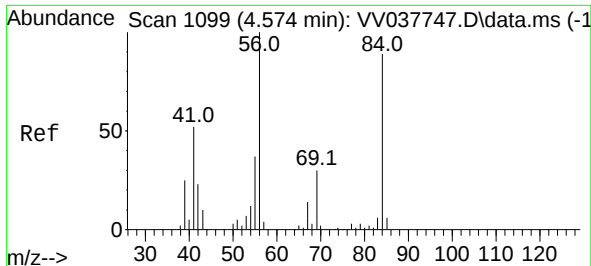
Tgt Ion: 62 Resp: 333852

Ion Ratio Lower Upper

62 100

98 9.7 8.4 12.6





#29

Cyclohexane

Concen: 49.651 ug/L

RT: 4.571 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :

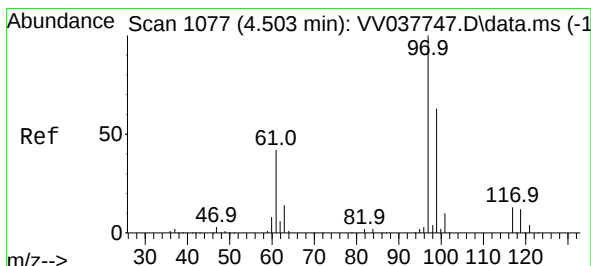
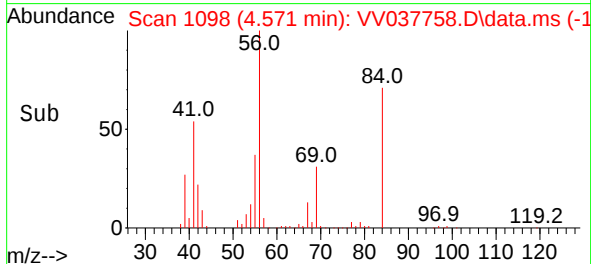
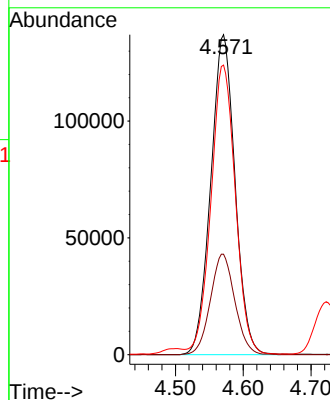
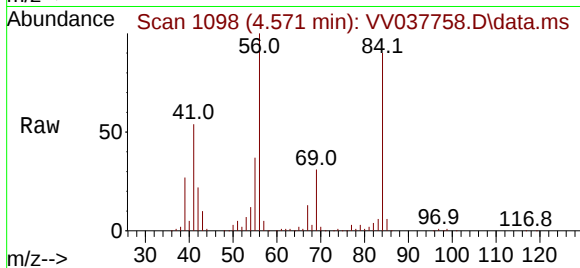
Tgt Ion: 56 Resp: 340629

Ion Ratio Lower Upper

56 100

69 31.6 24.7 37.1

84 90.4 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 53.548 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

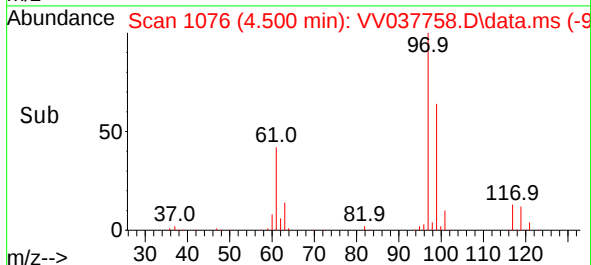
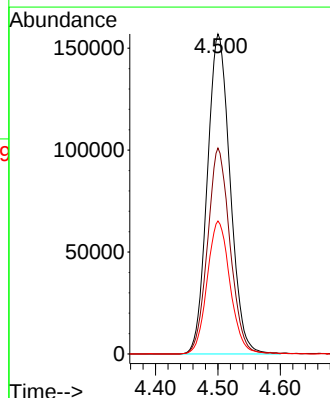
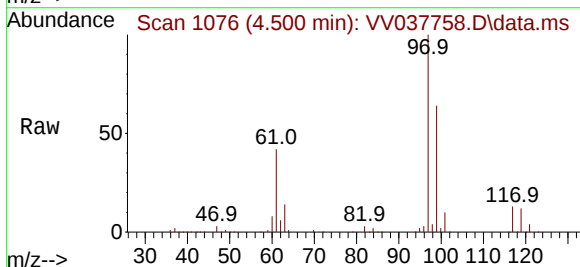
Tgt Ion: 97 Resp: 398499

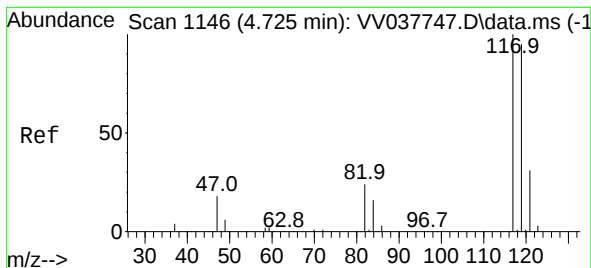
Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.6

61 41.7 33.6 50.4





#31

Carbon tetrachloride

Concen: 53.570 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

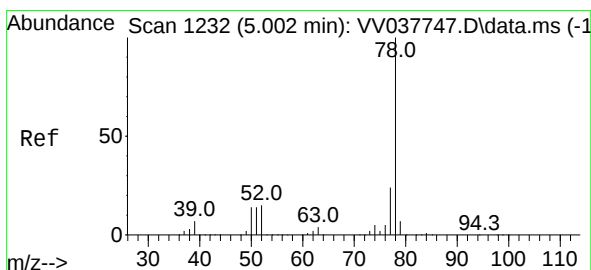
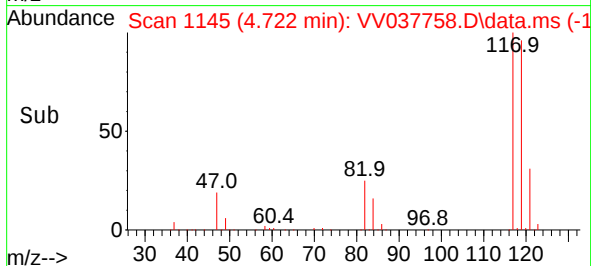
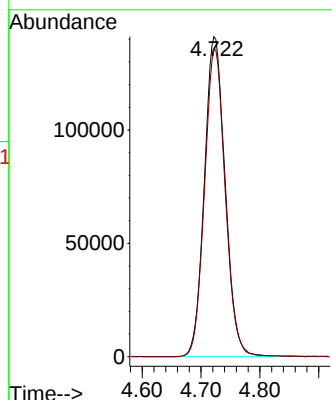
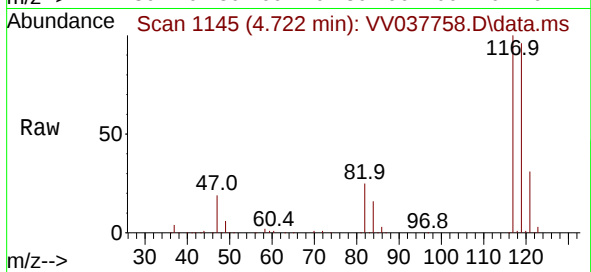
ClientSampleId :

Tgt Ion:117 Resp: 346608

Ion Ratio Lower Upper

117 100

119 95.0 76.9 115.3



#33

Benzene

Concen: 52.819 ug/L

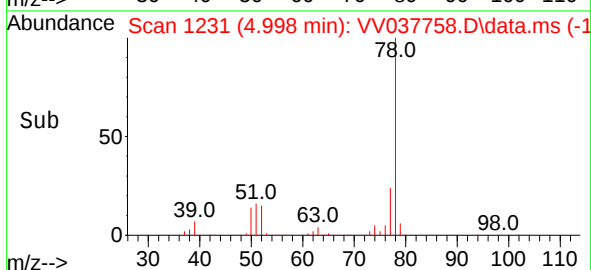
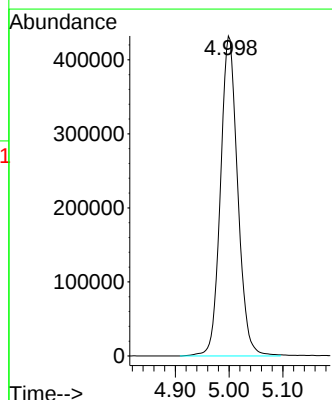
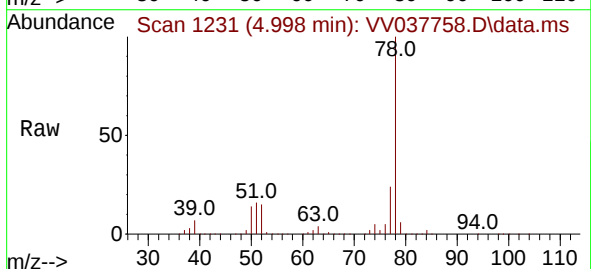
RT: 4.998 min Scan# 1231

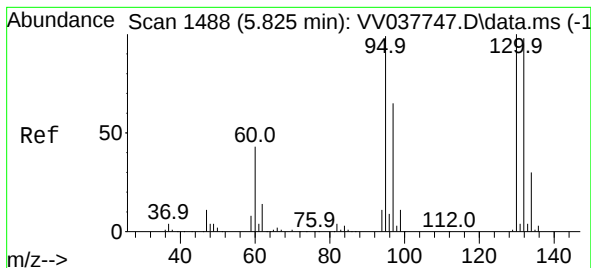
Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Tgt Ion: 78 Resp: 962521





#34

Trichloroethene

Concen: 51.191 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 248429

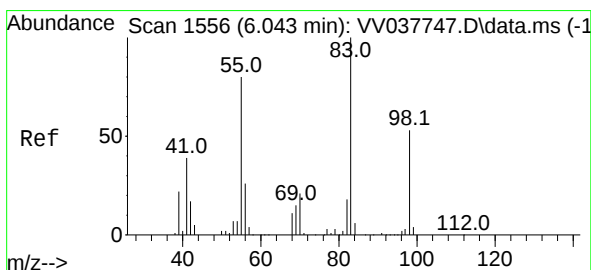
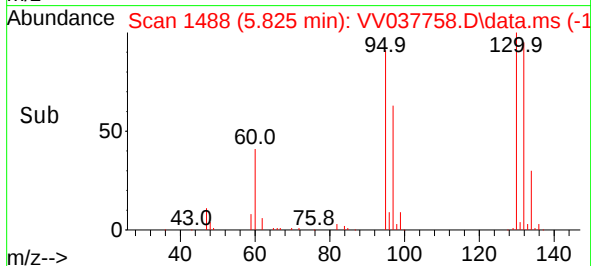
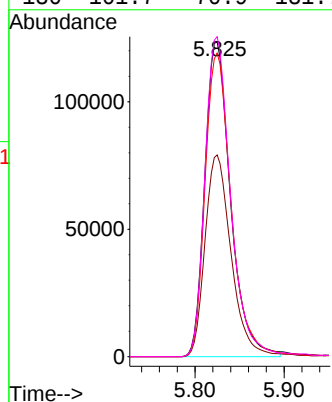
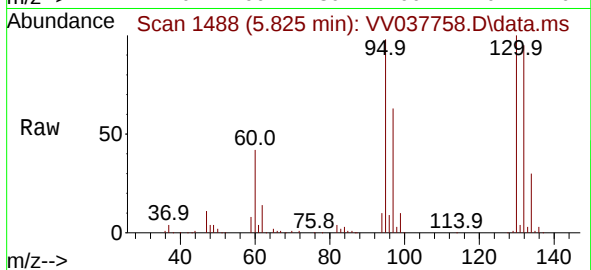
Ion Ratio Lower Upper

95 100

97 64.1 46.3 85.9

132 96.5 68.6 127.4

130 101.7 70.9 131.7



#35

Methylcyclohexane

Concen: 51.001 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

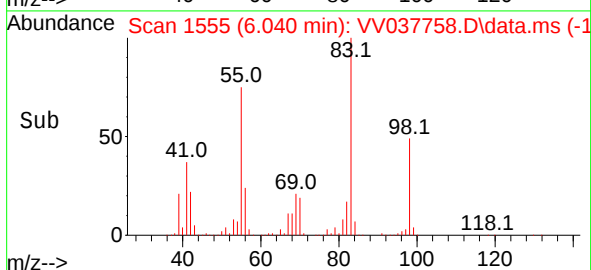
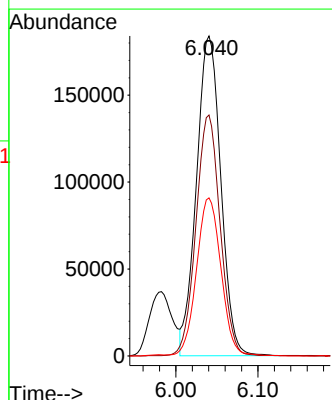
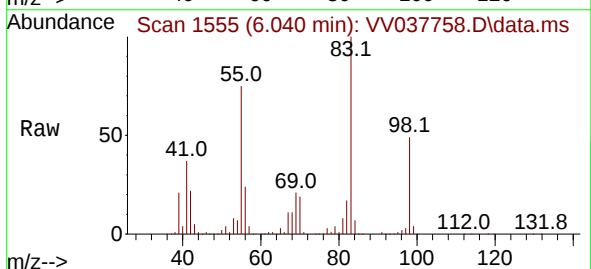
Tgt Ion: 83 Resp: 380764

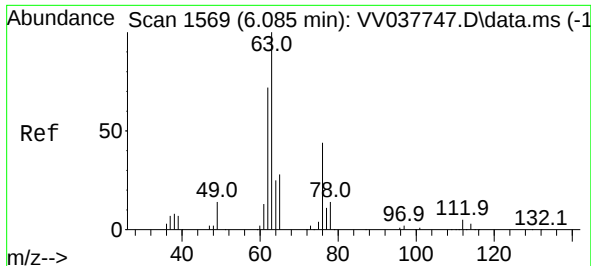
Ion Ratio Lower Upper

83 100

55 74.5 57.9 86.9

98 49.4 39.3 58.9

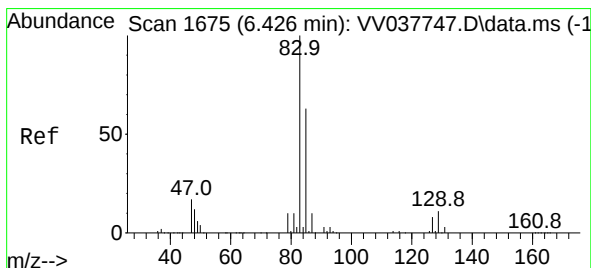
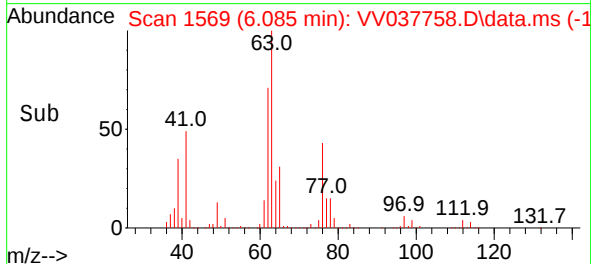
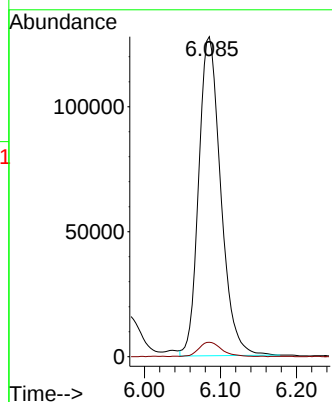
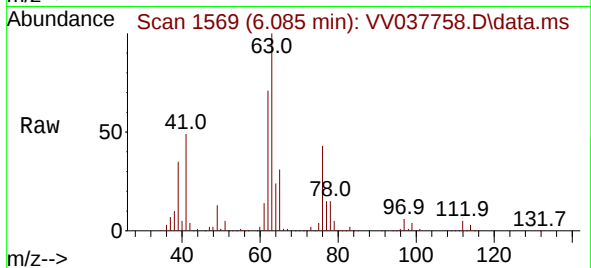




#37
1,2-Dichloropropane
Concen: 54.710 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

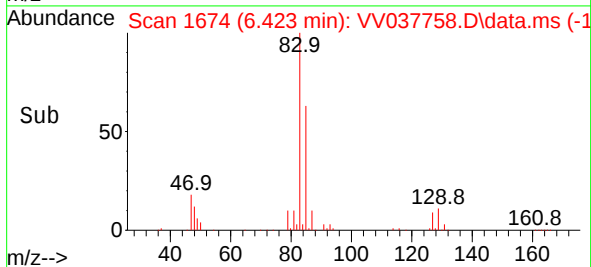
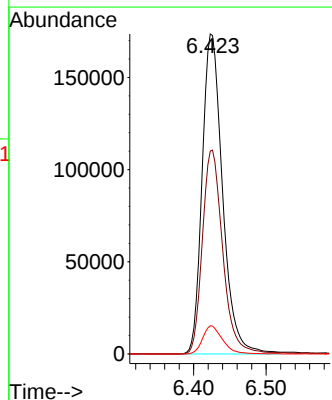
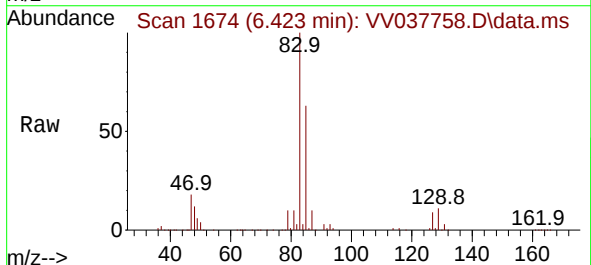
Instrument :
MSVOA_V
ClientSampleId :

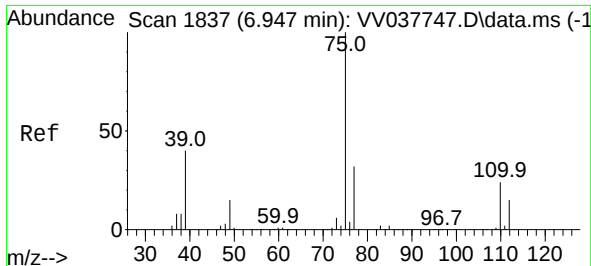
Tgt Ion: 63 Resp: 257449
Ion Ratio Lower Upper
63 100
112 4.8 3.5 5.3



#38
Bromodichloromethane
Concen: 54.067 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

Tgt Ion: 83 Resp: 340108
Ion Ratio Lower Upper
83 100
85 63.4 45.7 84.9
127 8.8 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 54.411 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

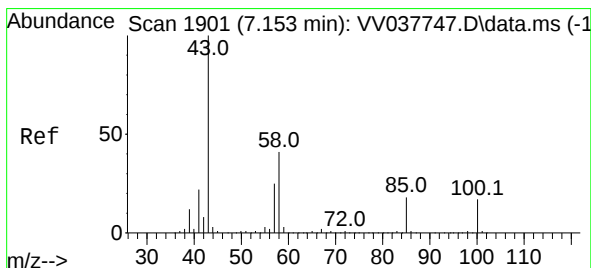
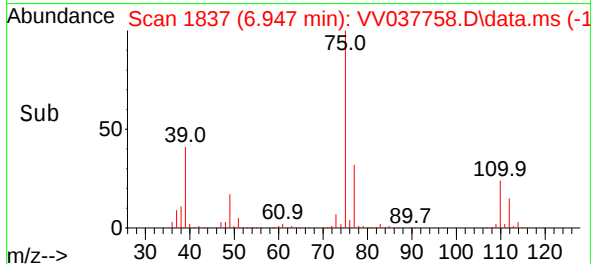
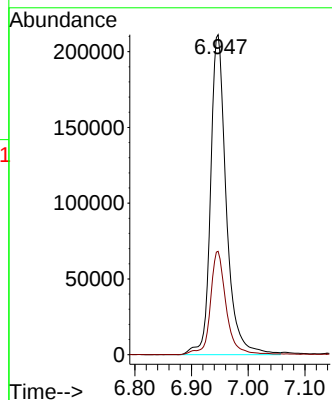
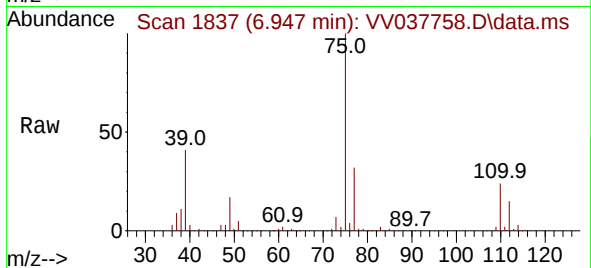
ClientSampleId :

Tgt Ion: 75 Resp: 408715

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 106.772 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

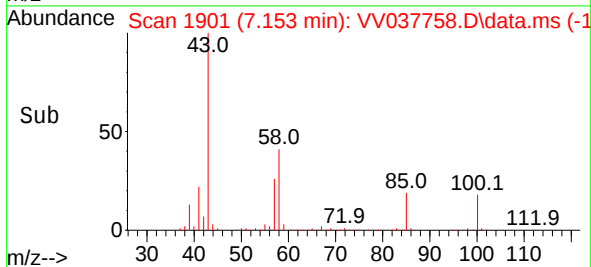
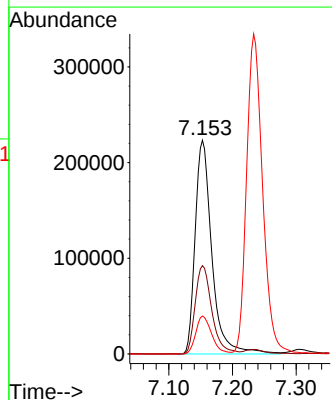
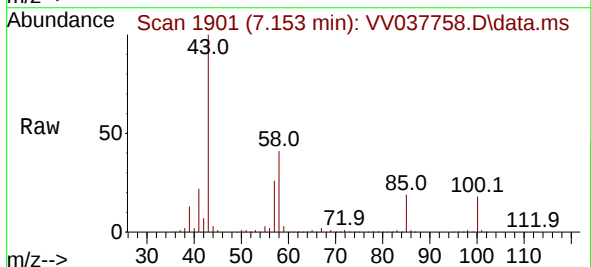
Tgt Ion: 43 Resp: 409092

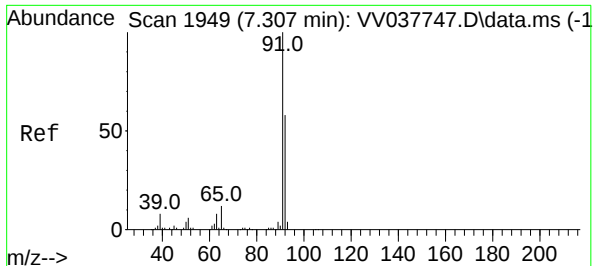
Ion Ratio Lower Upper

43 100

58 41.0 33.0 49.4

100 16.8 13.7 20.5





#42

Toluene

Concen: 54.445 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

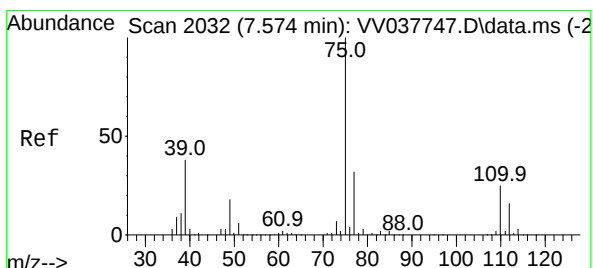
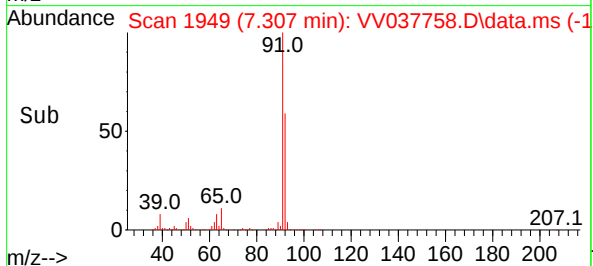
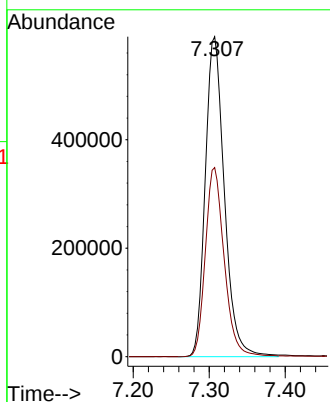
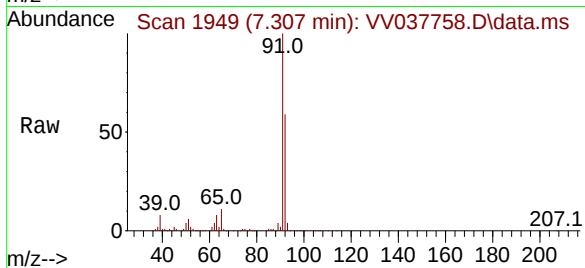
ClientSampleId :

Tgt Ion: 91 Resp: 1028562

Ion Ratio Lower Upper

91 100

92 59.1 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 53.131 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV037758.D

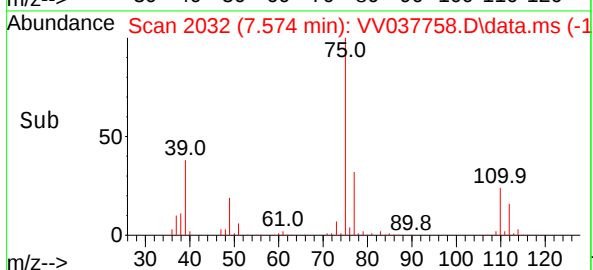
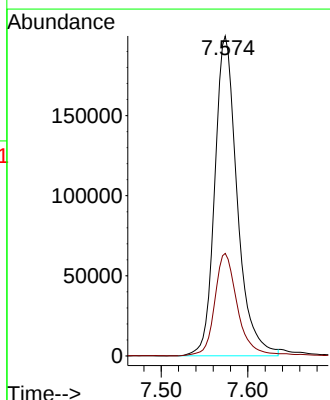
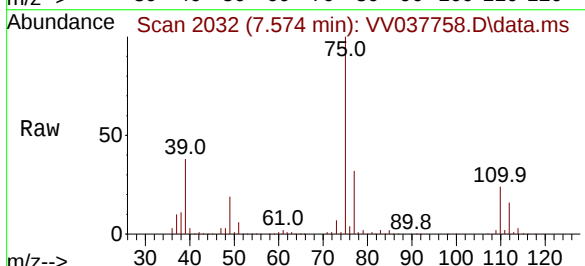
Acq: 08 Oct 2024 08:31

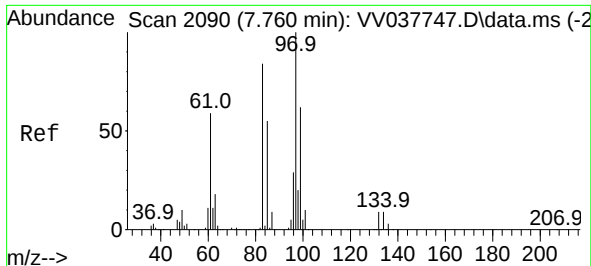
Tgt Ion: 75 Resp: 359314

Ion Ratio Lower Upper

75 100

77 32.1 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 53.669 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 242501

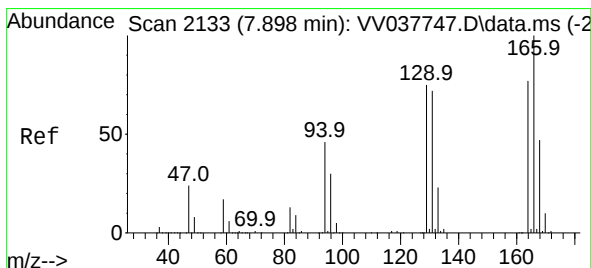
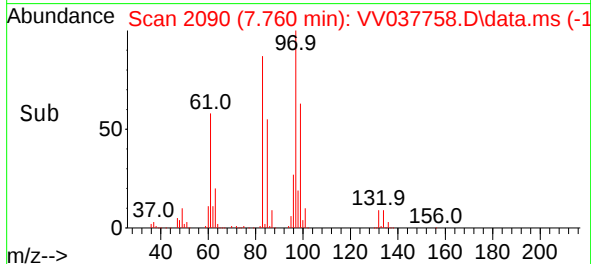
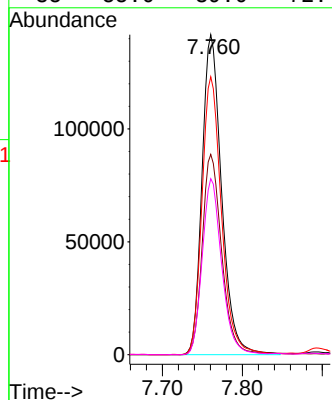
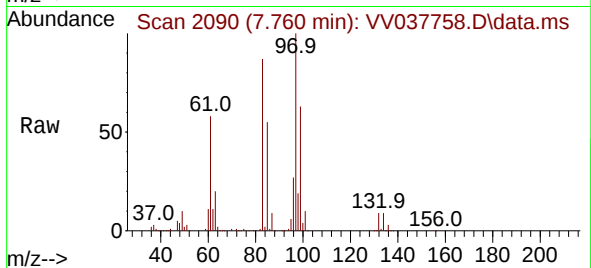
Ion Ratio Lower Upper

97 100

99 62.6 44.1 81.9

83 86.9 59.3 110.1

85 55.0 39.0 72.4



#46

Tetrachloroethene

Concen: 52.532 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Tgt Ion: 164 Resp: 194917

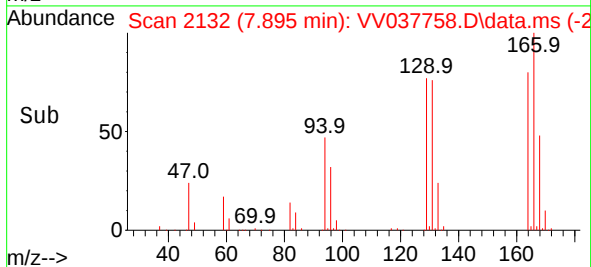
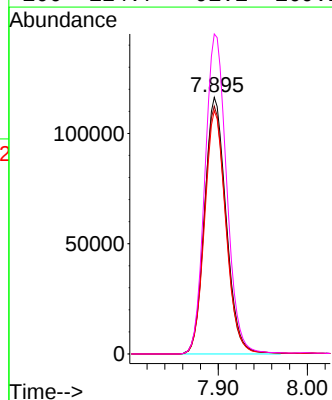
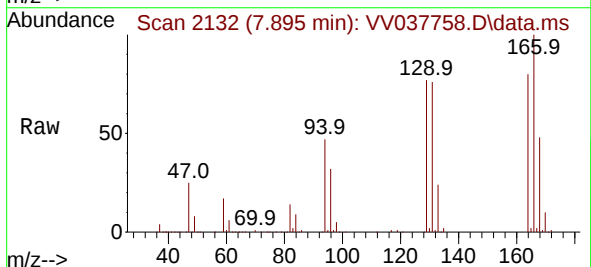
Ion Ratio Lower Upper

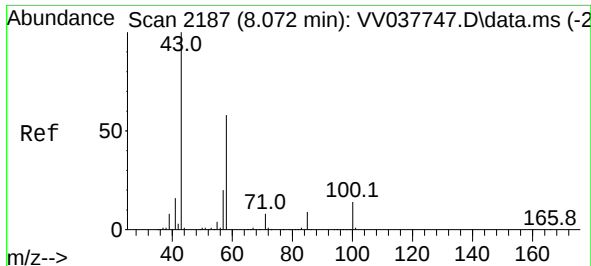
164 100

129 96.6 68.2 126.6

131 94.8 66.1 122.8

166 124.7 91.1 169.1





#48

2-Hexanone

Concen: 101.907 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.003 min

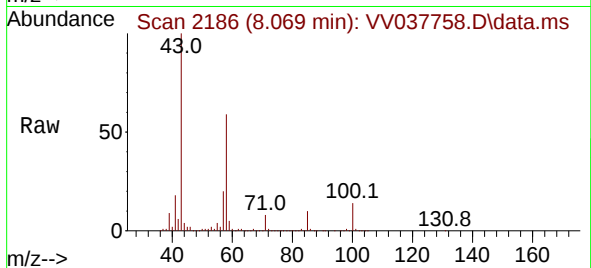
Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 303608

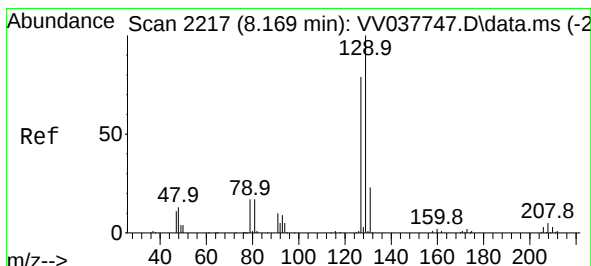
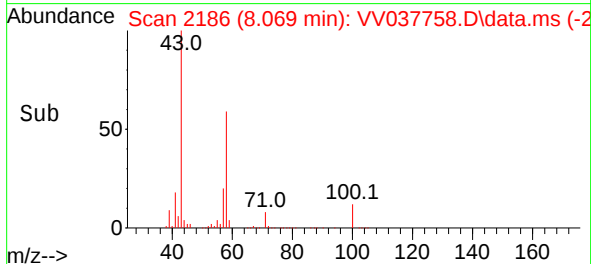
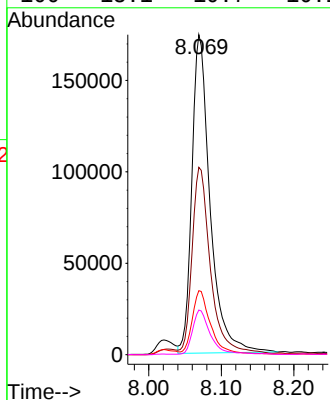
Ion Ratio Lower Upper

43 100

58 59.0 46.5 69.7

57 20.2 15.1 22.7

100 13.1 10.7 16.1



#49

Dibromochloromethane

Concen: 54.459 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037758.D

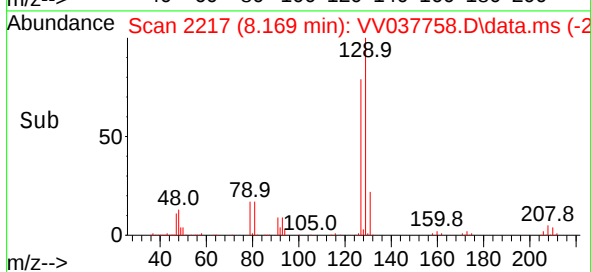
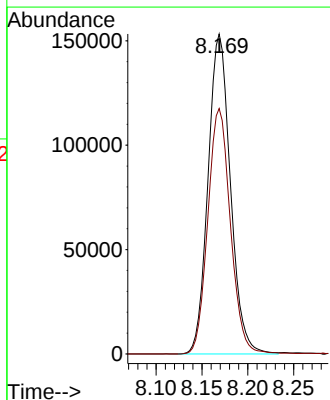
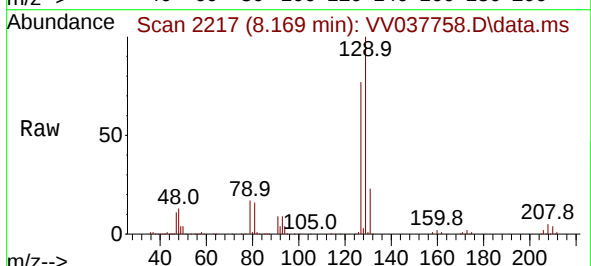
Acq: 08 Oct 2024 08:31

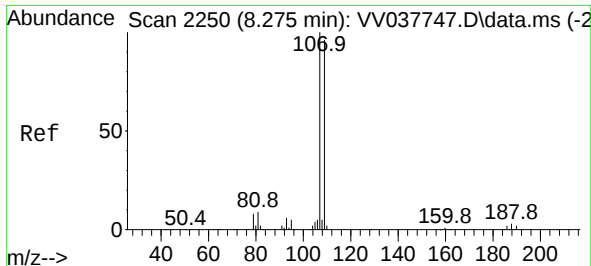
Tgt Ion:129 Resp: 260434

Ion Ratio Lower Upper

129 100

127 76.7 54.9 101.9





#50

1,2-Dibromoethane

Concen: 51.967 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :

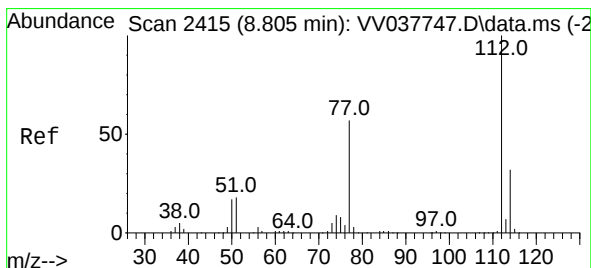
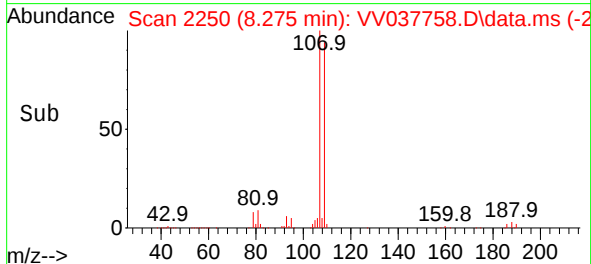
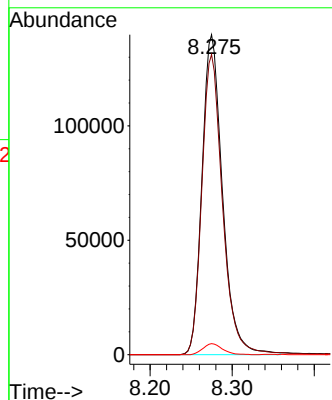
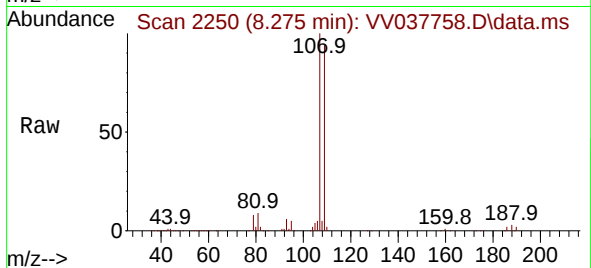
Tgt Ion:107 Resp: 242723

Ion Ratio Lower Upper

107 100

109 93.8 65.7 121.9

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 52.766 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

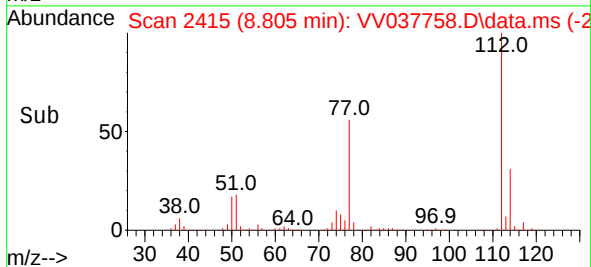
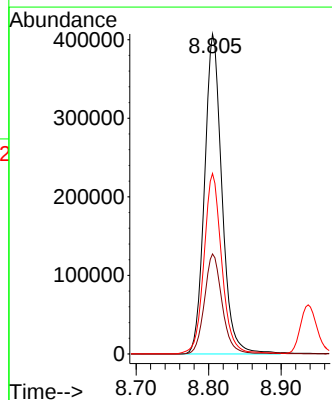
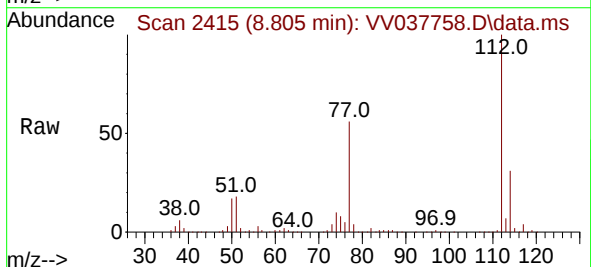
Tgt Ion:112 Resp: 679144

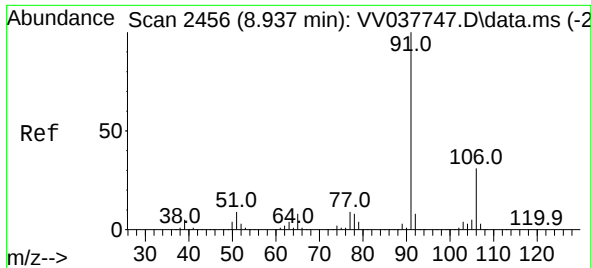
Ion Ratio Lower Upper

112 100

114 31.2 22.5 41.7

77 56.4 45.8 68.8





#52

Ethylbenzene

Concen: 53.771 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

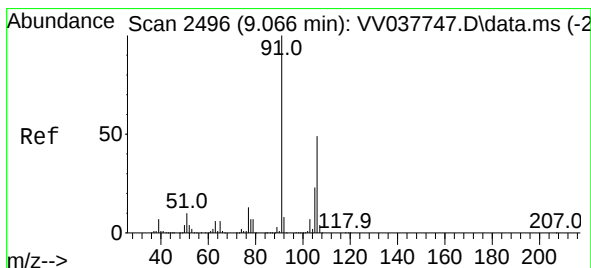
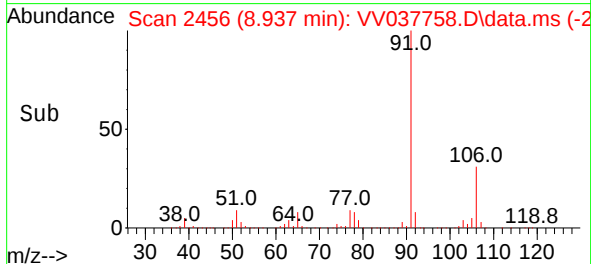
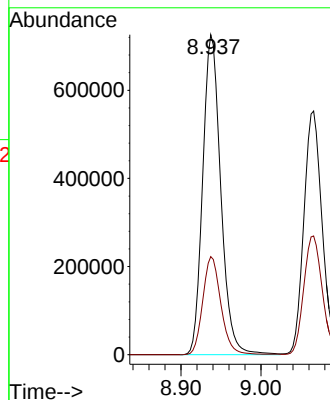
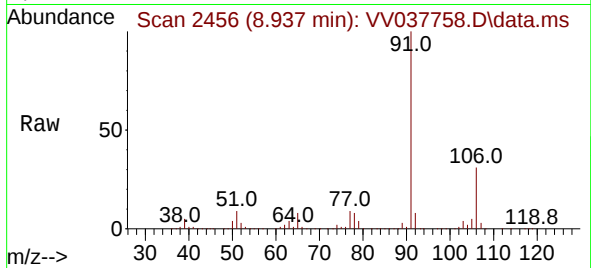
ClientSampleId :

Tgt Ion: 91 Resp: 1143459

Ion Ratio Lower Upper

91 100

106 30.7 21.9 40.7



#53

m,p-Xylene

Concen: 55.242 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037758.D

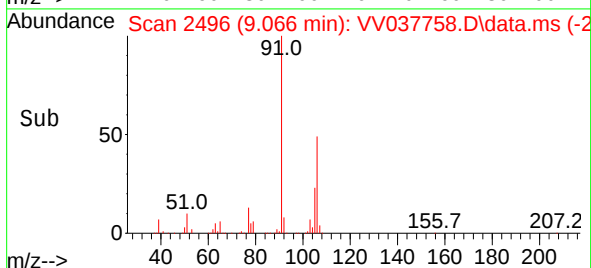
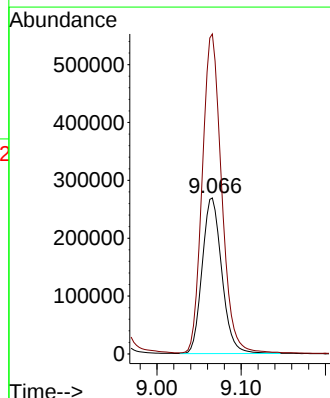
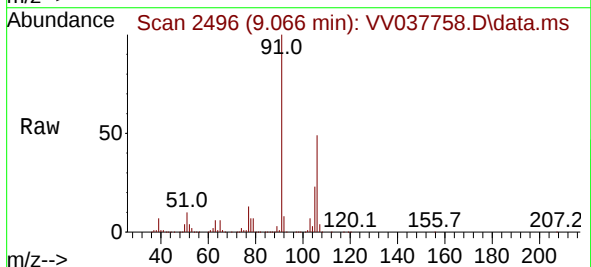
Acq: 08 Oct 2024 08:31

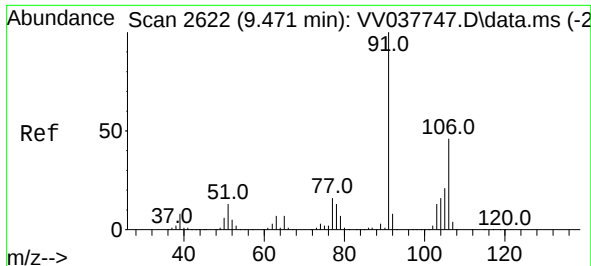
Tgt Ion:106 Resp: 437209

Ion Ratio Lower Upper

106 100

91 205.2 142.0 263.6

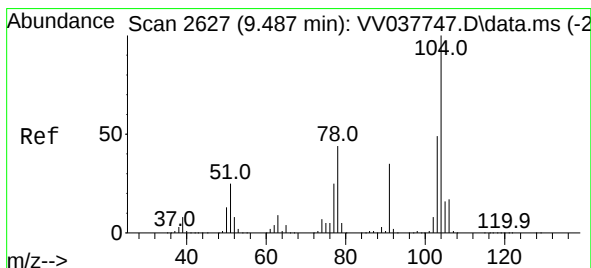
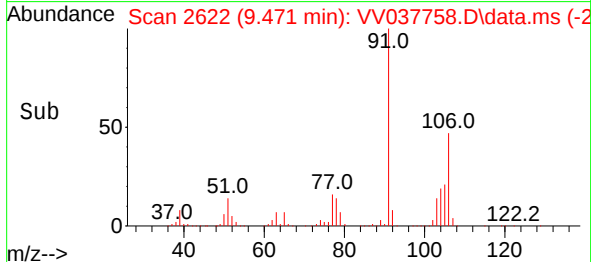
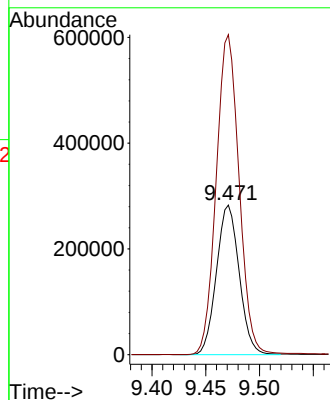
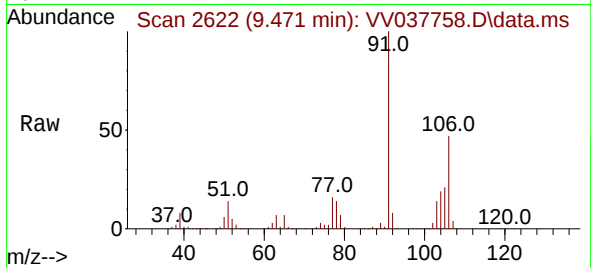




#54
o-Xylene
Concen: 53.948 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

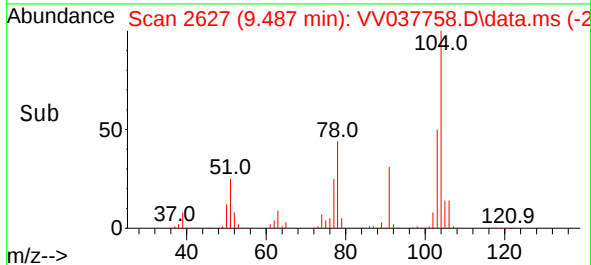
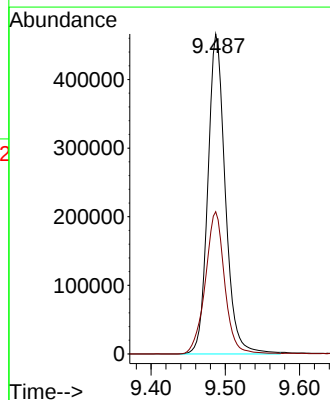
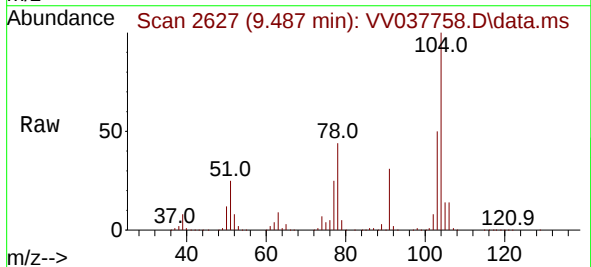
Instrument :
MSVOA_V
ClientSampleId :

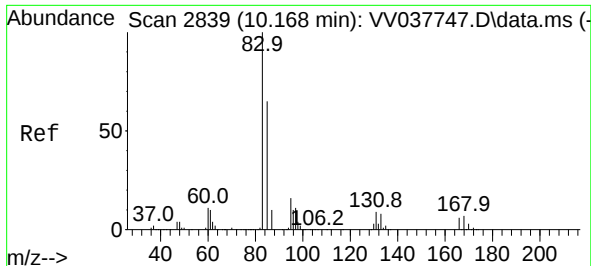
Tgt Ion:106 Resp: 416839
Ion Ratio Lower Upper
106 100
91 214.0 153.9 285.9



#55
Styrene
Concen: 56.503 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

Tgt Ion:104 Resp: 760020
Ion Ratio Lower Upper
104 100
78 44.5 30.0 55.6

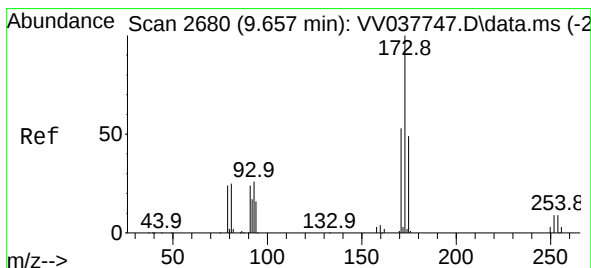
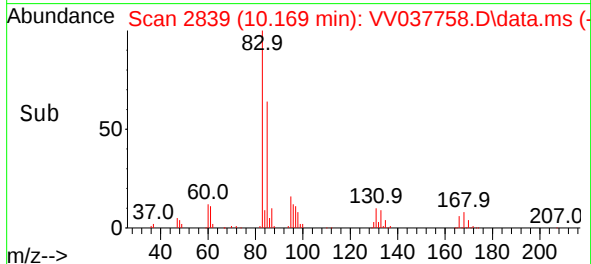
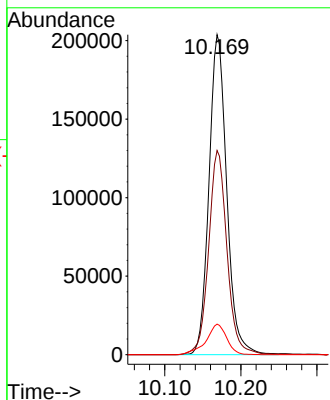
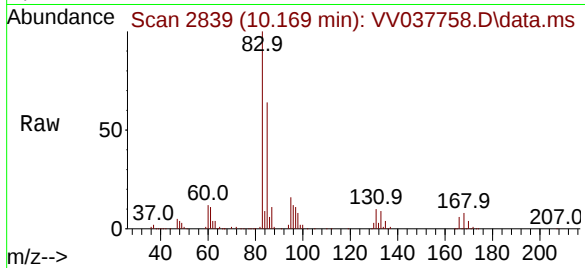




#57
1,1,2,2-Tetrachloroethane
Concen: 52.507 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

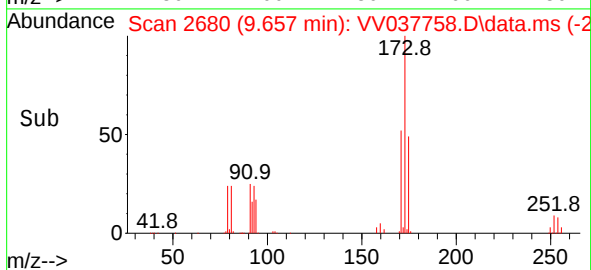
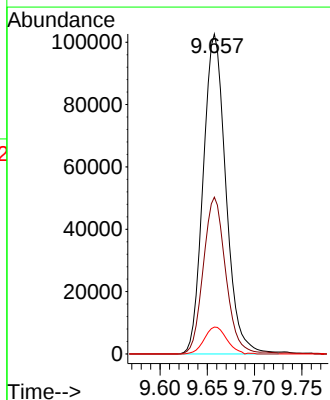
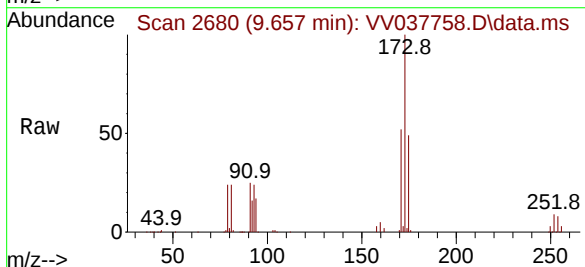
Instrument :
MSVOA_V
ClientSampleId :

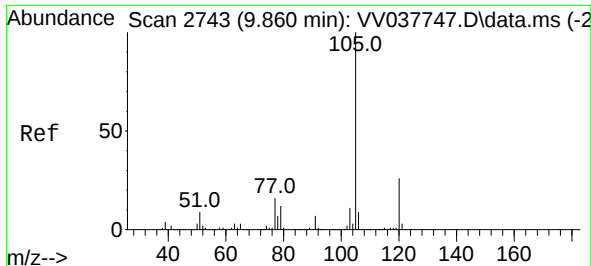
Tgt Ion: 83 Resp: 330780
Ion Ratio Lower Upper
83 100
85 63.8 45.9 85.3
131 9.5 7.9 11.9



#59
Bromoform
Concen: 50.978 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

Tgt Ion: 173 Resp: 171149
Ion Ratio Lower Upper
173 100
175 48.2 40.0 60.0
254 8.3 6.5 9.7

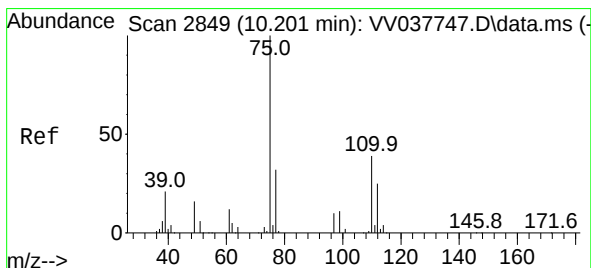
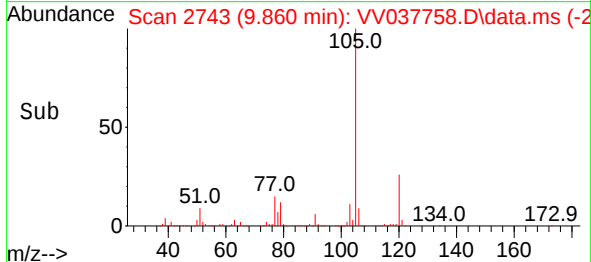
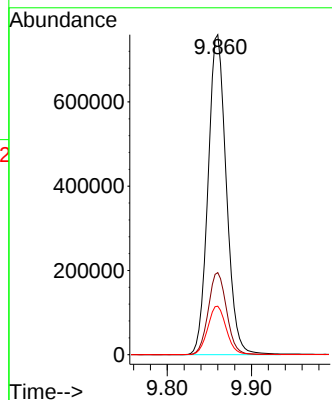
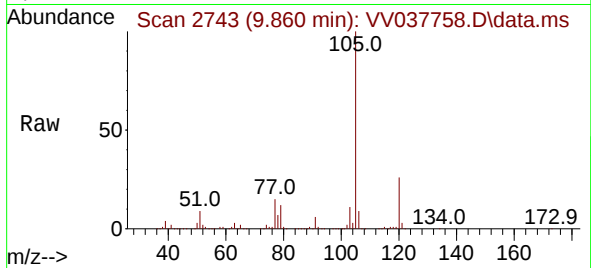




#60
Isopropylbenzene
Concen: 51.391 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

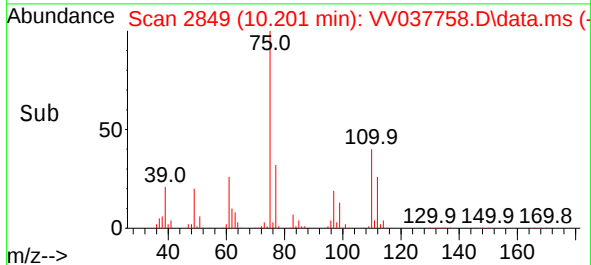
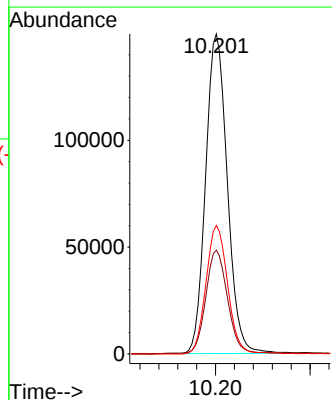
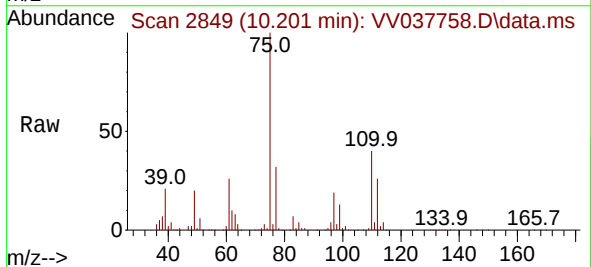
Instrument :
MSVOA_V
ClientSampleId :

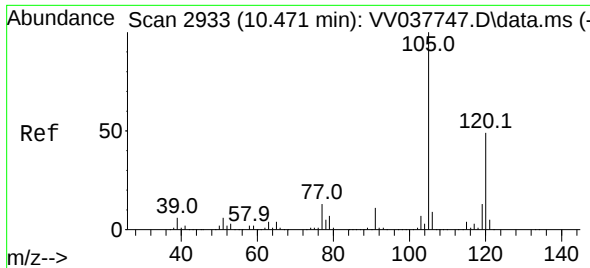
Tgt Ion:105 Resp: 1147686
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.4 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 48.710 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV037758.D
Acq: 08 Oct 2024 08:31

Tgt Ion: 75 Resp: 238089
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
110 40.2 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 51.538 ug/L

RT: 10.468 min Scan# 2933

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

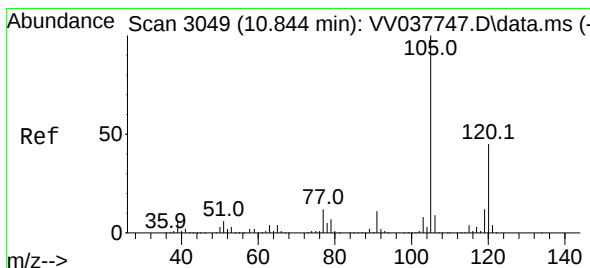
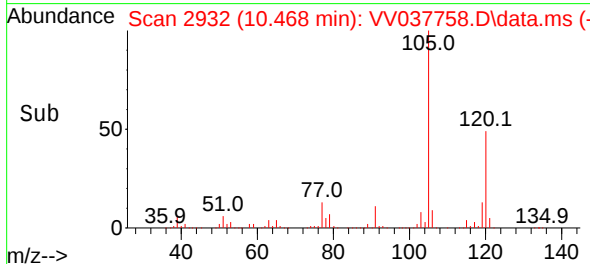
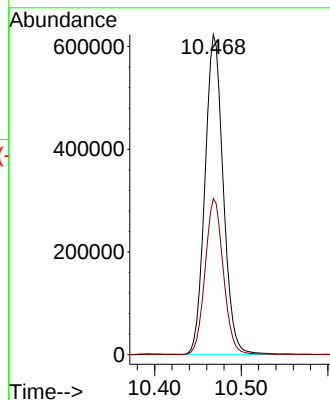
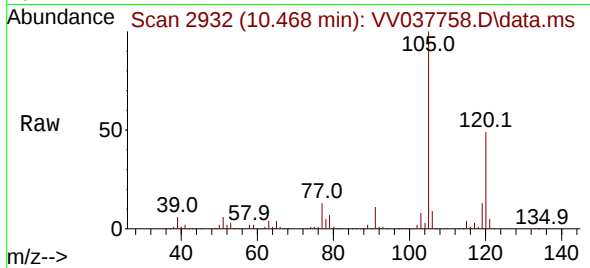
ClientSampleId :

Tgt Ion:105 Resp: 909959

Ion Ratio Lower Upper

105 100

120 48.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 51.727 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037758.D

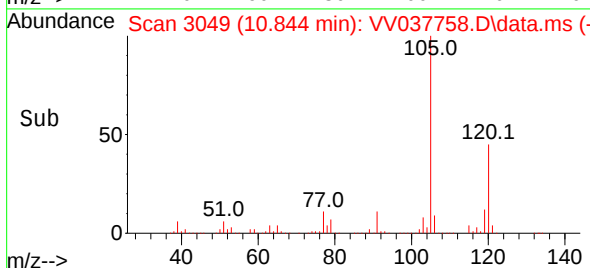
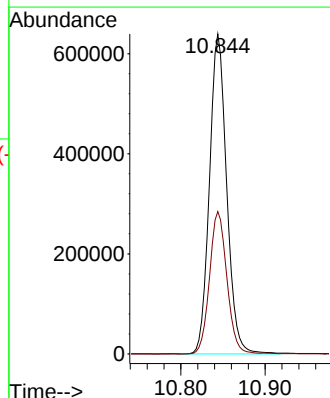
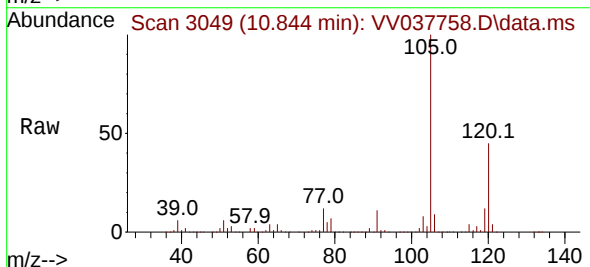
Acq: 08 Oct 2024 08:31

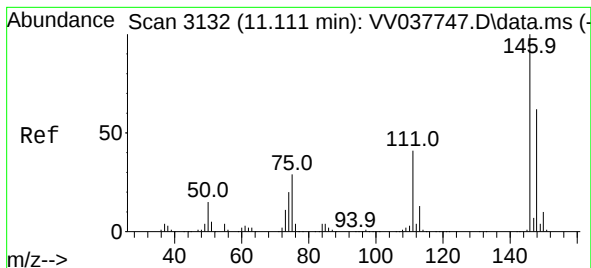
Tgt Ion:105 Resp: 908711

Ion Ratio Lower Upper

105 100

120 44.8 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 50.826 ug/L

RT: 11.108 min Scan# 3132

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :

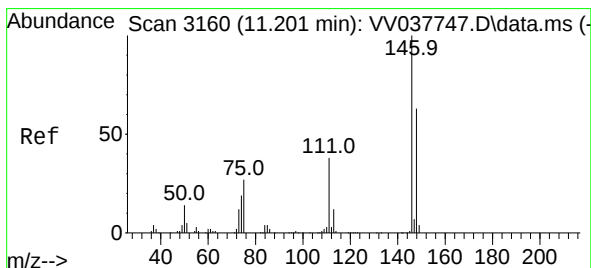
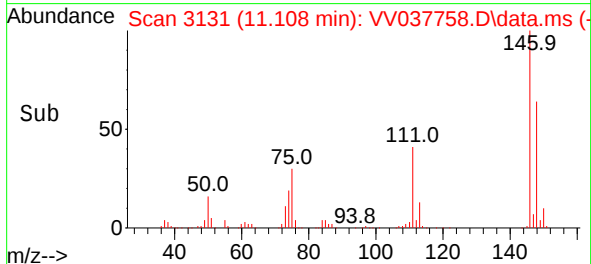
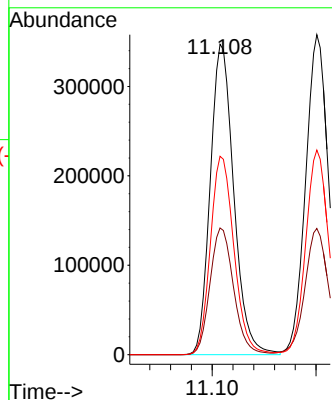
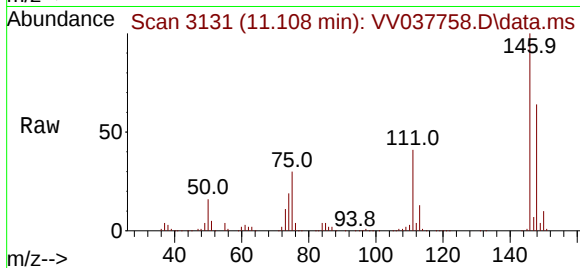
Tgt Ion:146 Resp: 546350

Ion Ratio Lower Upper

146 100

111 40.8 28.3 52.5

148 63.9 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 50.094 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

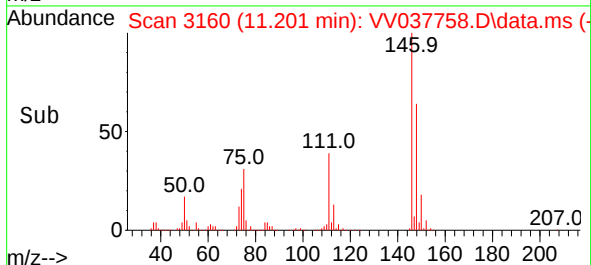
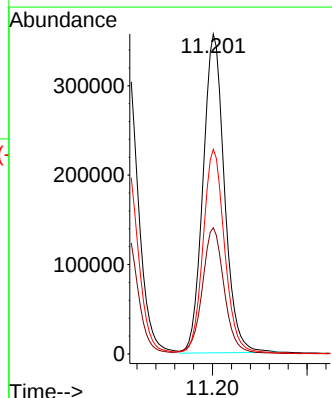
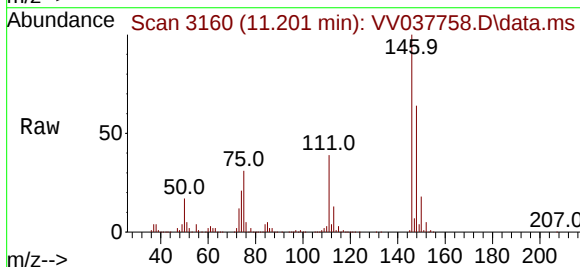
Tgt Ion:146 Resp: 560706

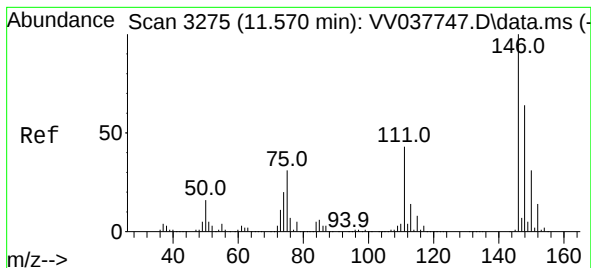
Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.4

148 64.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 50.064 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :

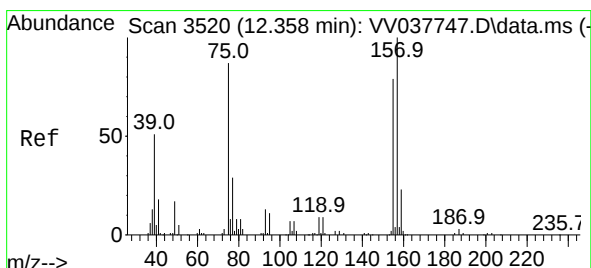
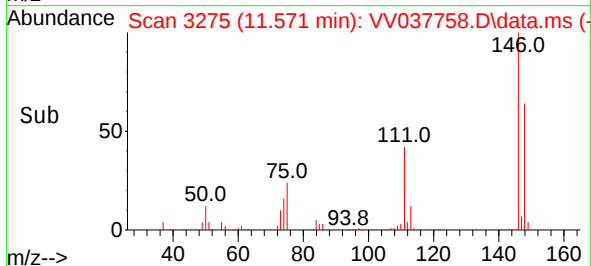
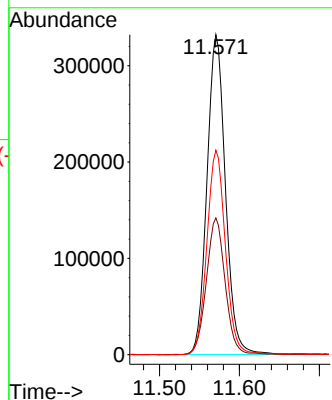
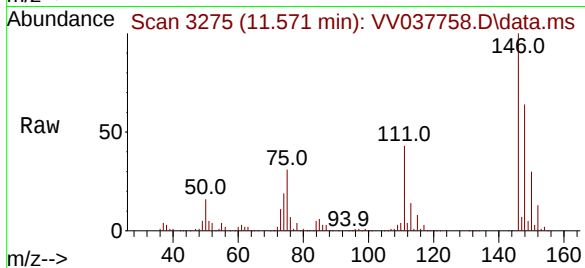
Tgt Ion:146 Resp: 531997

Ion Ratio Lower Upper

146 100

111 42.8 34.2 51.2

148 63.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 45.430 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

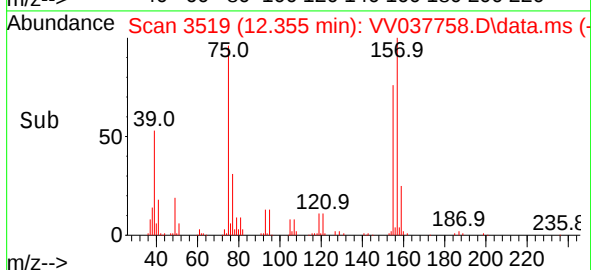
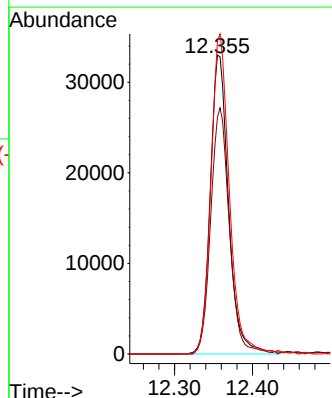
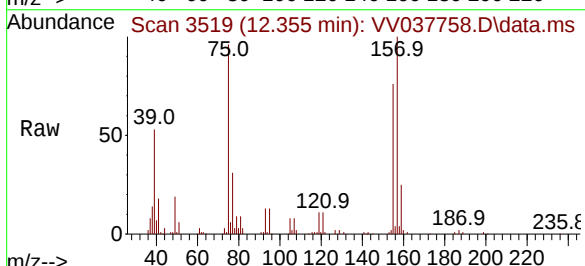
Tgt Ion: 75 Resp: 53903

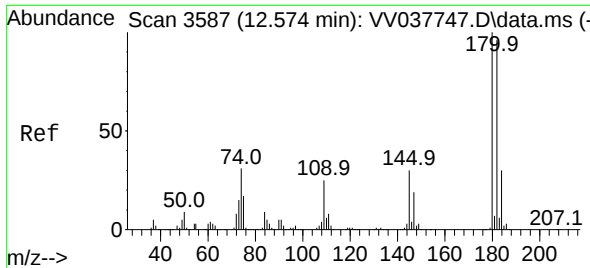
Ion Ratio Lower Upper

75 100

155 79.2 66.2 99.4

157 104.5 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 49.611 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

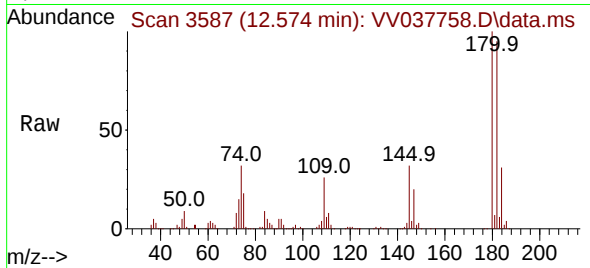
Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 366728

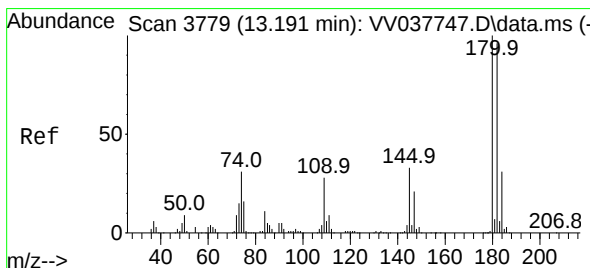
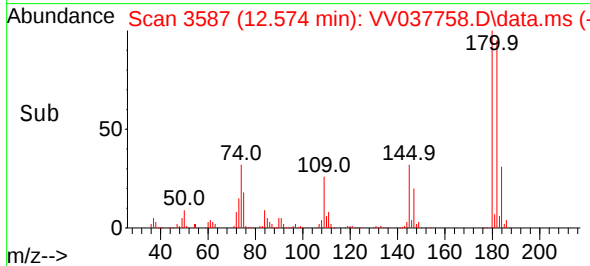
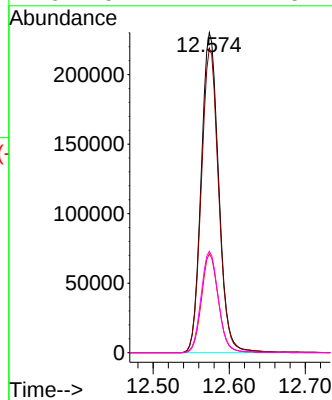
Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

184 29.9 23.8 35.6

145 31.1 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 47.467 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

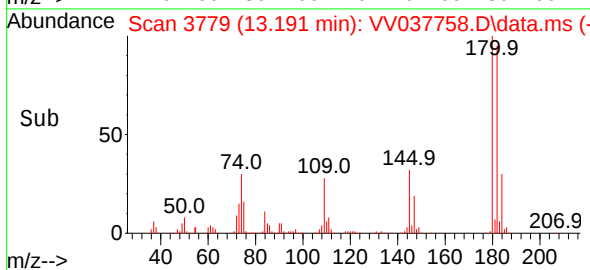
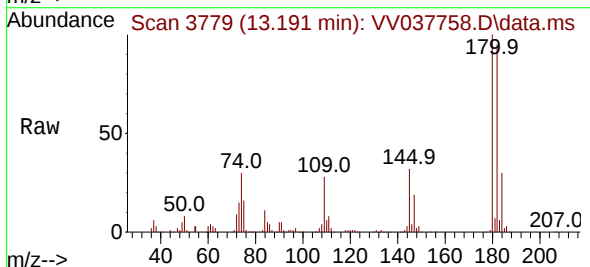
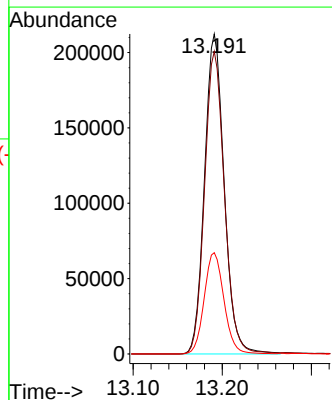
Tgt Ion:180 Resp: 325547

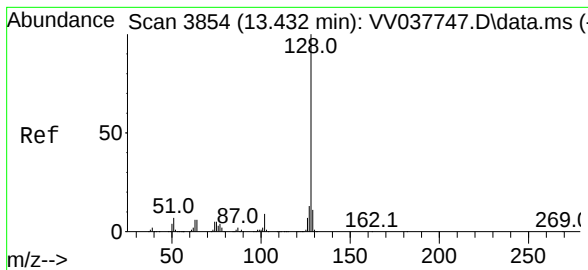
Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 31.8 25.4 38.2





#71

Naphthalene

Concen: 44.313 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Instrument :

MSVOA_V

ClientSampleId :

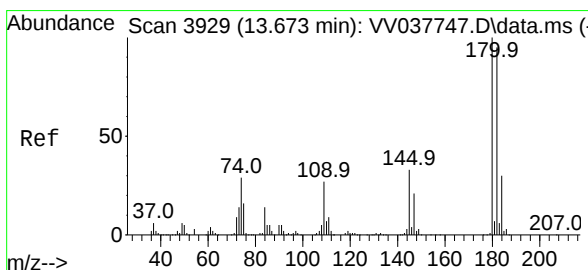
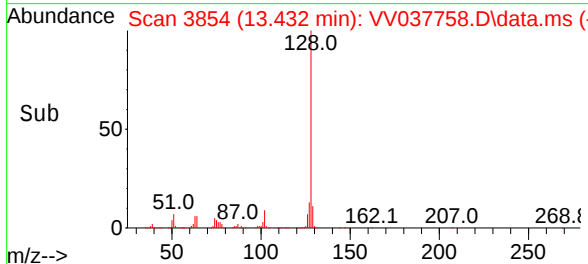
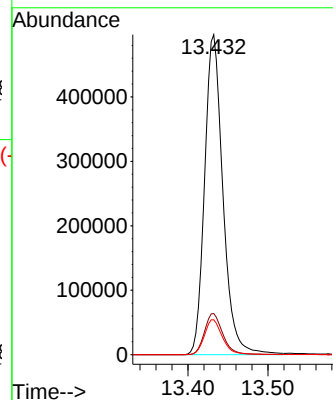
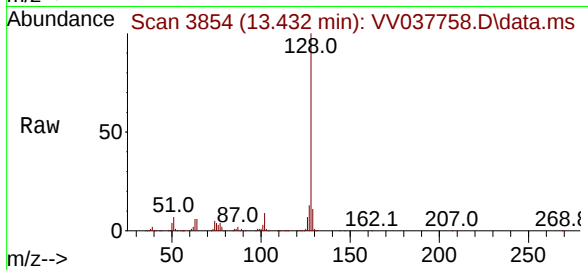
Tgt Ion:128 Resp: 794025

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 47.729 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.003 min

Lab File: VV037758.D

Acq: 08 Oct 2024 08:31

Tgt Ion:180 Resp: 323263

Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 33.7 26.2 39.4

