

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102324\
 Data File : VV037913.D
 Acq On : 23 Oct 2024 10:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 01:43:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 05:07:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	469568	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	481584	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	273632	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	185064	44.896	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.800%
7) Chloroethane-d5	1.532	69	166184	51.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.880%
11) 1,1-Dichloroethene-d2	2.056	65	88172	51.199	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.400%
21) 2-Butanone-d5	3.789	46	150932	102.801	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.800%
24) Chloroform-d	4.236	84	433618	59.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.260%
26) 1,2-Dichloroethane-d4	4.931	65	251173	58.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.020%
32) Benzene-d6	4.947	84	821564	54.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.040%
36) 1,2-Dichloropropane-d6	5.979	67	262045	54.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.220%
41) Toluene-d8	7.233	98	763419	55.868	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.740%
43) trans-1,3-Dichloroprop...	7.548	79	117263	52.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.200%
47) 2-Hexanone-d5	8.021	63	114496	112.996	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.000%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	316993	56.853	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.700%
66) 1,2-Dichlorobenzene-d4	11.551	152	302564	52.474	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.940%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	184624	46.185	ug/L	100
3) Chloromethane	1.220	50	184683	47.588	ug/L	100
5) Vinyl chloride	1.285	62	202571	48.688	ug/L	98
6) Bromomethane	1.487	94	117944	51.081	ug/L	100
8) Chloroethane	1.548	64	133678	52.128	ug/L	98
9) Trichlorofluoromethane	1.712	101	314279	56.117	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	192910	57.643	ug/L	99
12) 1,1-Dichloroethene	2.066	96	169261	54.144	ug/L	92
13) Acetone	2.111	43	141382	98.231	ug/L	99
14) Carbon disulfide	2.236	76	407872	41.798	ug/L	100
15) Methyl Acetate	2.371	43	153518	61.120	ug/L	100
16) Methylene chloride	2.442	84	197377	55.762	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	176814	53.464	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	585097	61.665	ug/L	100
19) 1,1-Dichloroethane	3.101	63	370718	58.506	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	217347	58.728	ug/L	99
22) 2-Butanone	3.873	43	171344	107.557	ug/L	95
23) Bromochloromethane	4.133	128	113341	59.205	ug/L	97
25) Chloroform	4.265	83	395861	60.340	ug/L	99

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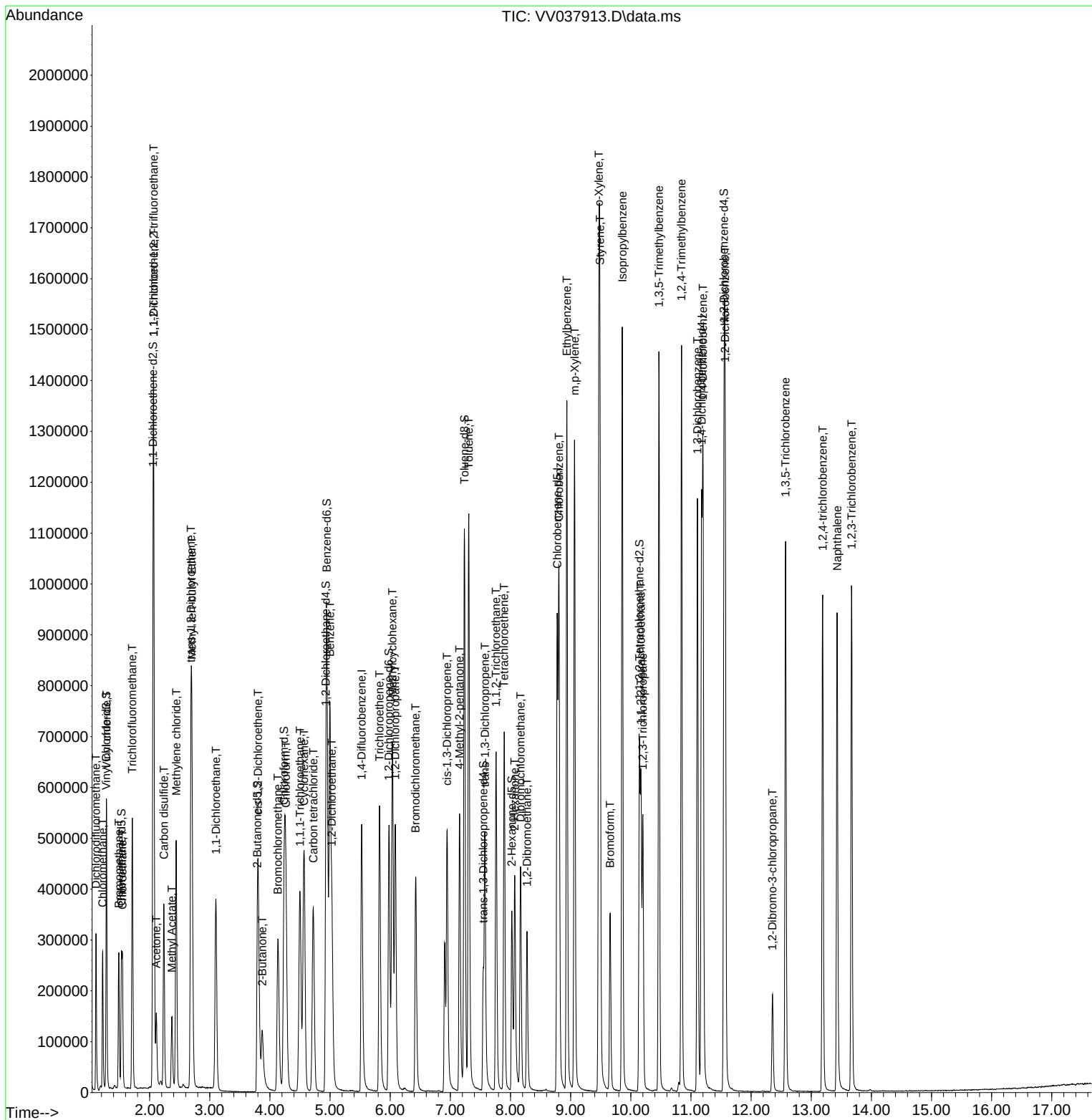
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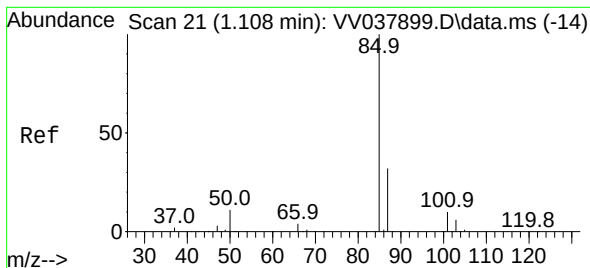
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 05:07:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.030	62	275799	59.550	ug/L	100
29) Cyclohexane	4.567	56	254742	46.589	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	332016	55.977	ug/L	100
31) Carbon tetrachloride	4.722	117	285375	55.340	ug/L	100
33) Benzene	4.998	78	797963	54.941	ug/L	100
34) Trichloroethene	5.821	95	206643	53.425	ug/L	97
35) Methylcyclohexane	6.037	83	286223	48.102	ug/L	98
37) 1,2-Dichloropropane	6.085	63	213209	56.848	ug/L	98
38) Bromodichloromethane	6.423	83	294838	58.807	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	336905	56.274	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	364578	119.389	ug/L	99
42) Toluene	7.307	91	852531	56.621	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	305559	56.690	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	215743	59.908	ug/L	99
46) Tetrachloroethene	7.895	164	159133	53.810	ug/L	99
48) 2-Hexanone	8.069	43	266591	112.272	ug/L	99
49) Dibromochloromethane	8.169	129	230381	60.444	ug/L	99
50) 1,2-Dibromoethane	8.275	107	210275	56.486	ug/L	100
51) Chlorobenzene	8.805	112	572195	55.779	ug/L	99
52) Ethylbenzene	8.937	91	939516	55.432	ug/L	99
53) m,p-Xylene	9.066	106	362914	57.534	ug/L	98
54) o-Xylene	9.471	106	352579	57.253	ug/L	94
55) Styrene	9.487	104	647131	60.363	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	297311	59.214	ug/L	99
59) Bromoform	9.657	173	156155	58.389	ug/L	97
60) Isopropylbenzene	9.860	105	962107	54.082	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	215157	55.258	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	758680	53.942	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	772768	55.221	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	479613	56.011	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	498232	55.878	ug/L	98
67) 1,2-Dichlorobenzene	11.570	146	466473	55.107	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	49611	52.489	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	323965	55.017	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	296218	54.219	ug/L	100
71) Naphthalene	13.432	128	764115	53.532	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	298668	55.358	ug/L	99

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

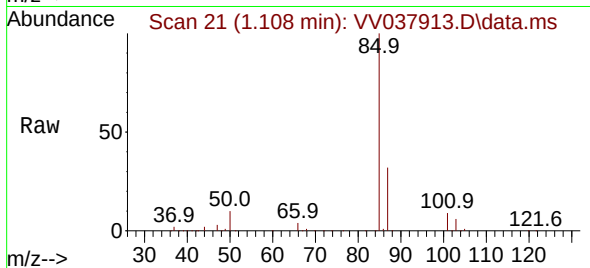
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Quant Title : VOC Analysis
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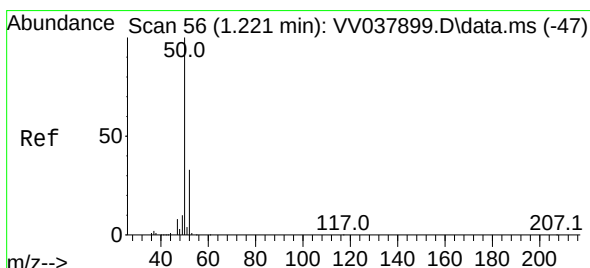
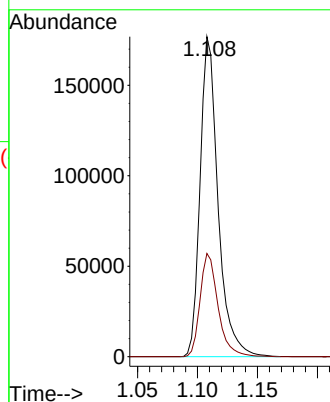
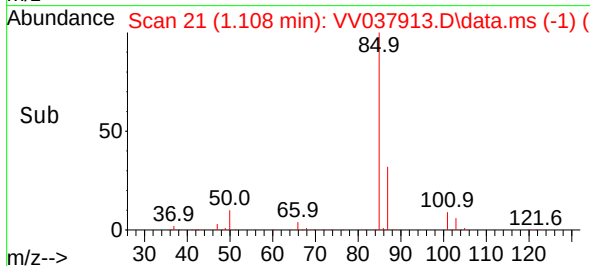


#2
 Dichlorodifluoromethane
 Concen: 46.185 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037913.D
 Acq: 23 Oct 2024 10:25

Instrument :
 MSVOA_V
 ClientSampleId :

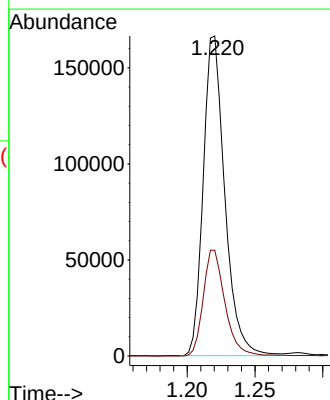
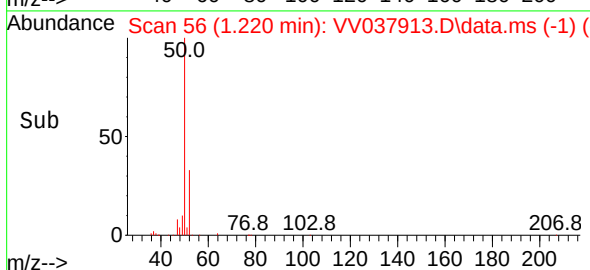
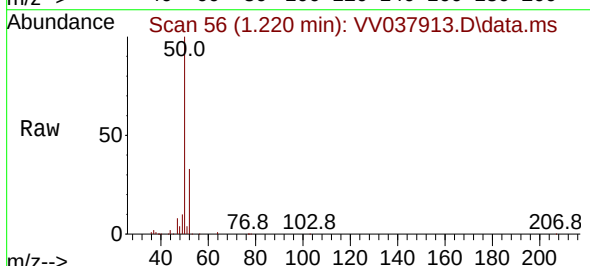


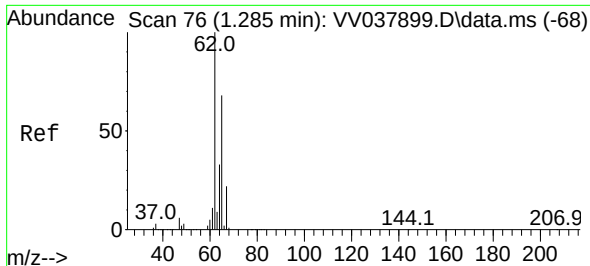
Tgt Ion: 85 Resp: 184624
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 47.588 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VV037913.D
 Acq: 23 Oct 2024 10:25

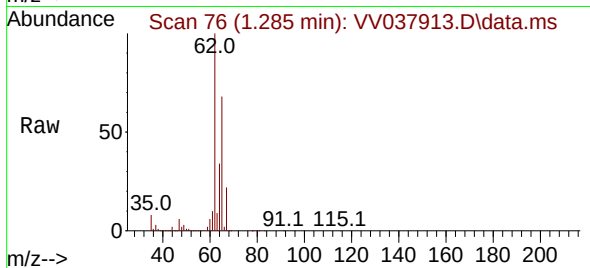
Tgt Ion: 50 Resp: 184683
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2



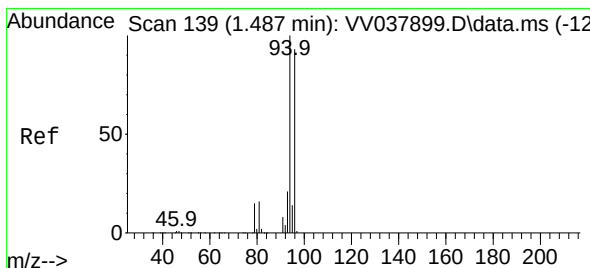
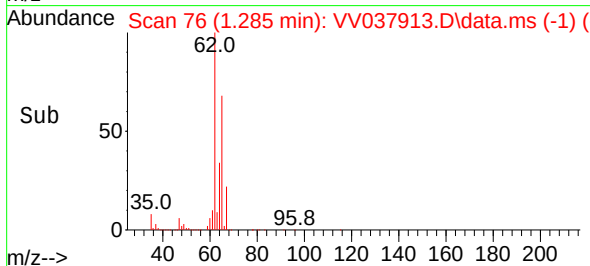
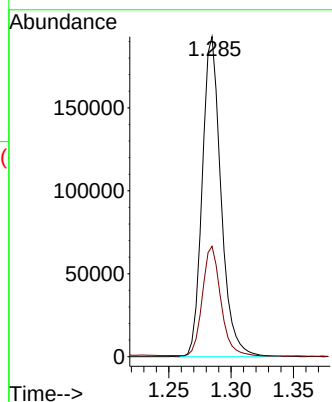


#5
 Vinyl chloride
 Concen: 48.688 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037913.D
 Acq: 23 Oct 2024 10:25

Instrument :
 MSVOA_V
 ClientSampleId :

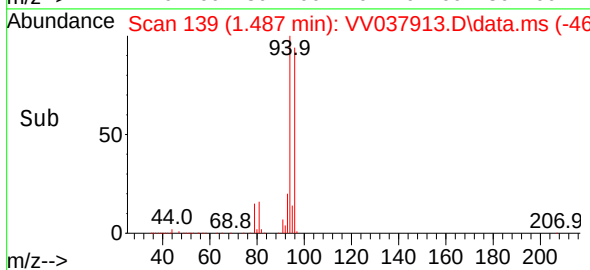
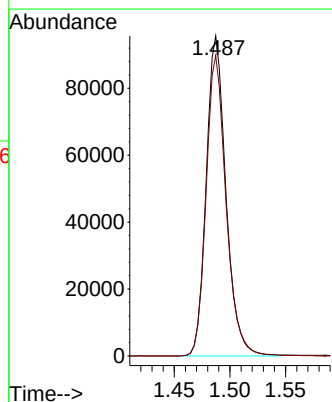
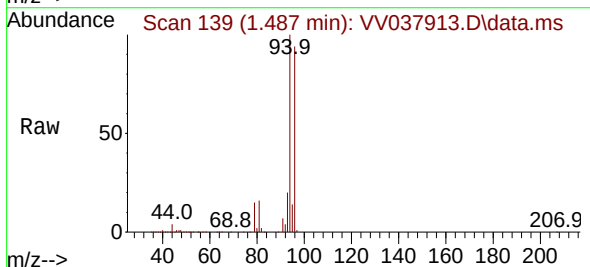


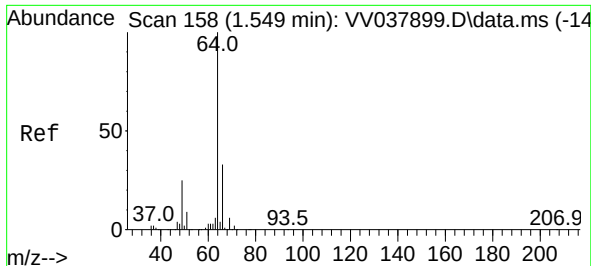
Tgt Ion: 62 Resp: 202571
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.2 43.0



#6
 Bromomethane
 Concen: 51.081 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037913.D
 Acq: 23 Oct 2024 10:25

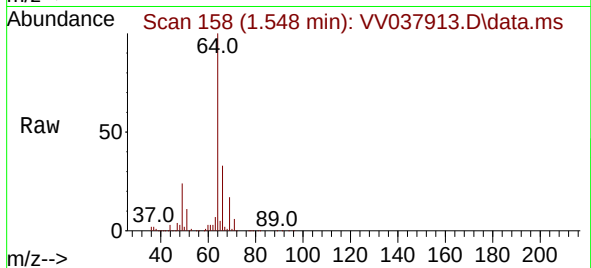
Tgt Ion: 94 Resp: 117944
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.8 122.2



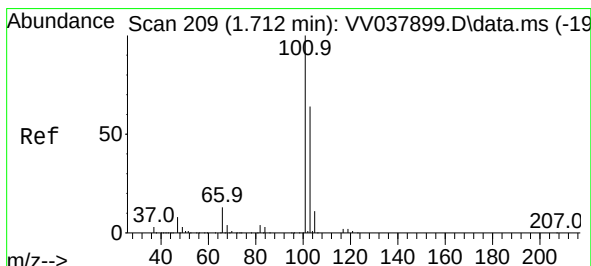
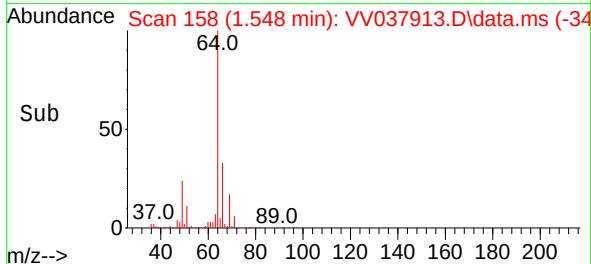
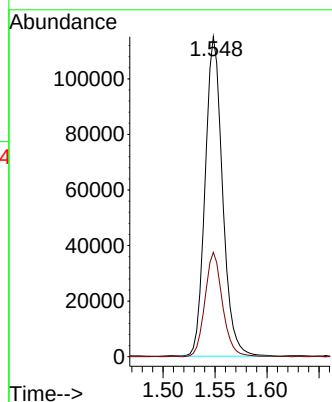


#8
Chloroethane
Concen: 52.128 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Instrument :
MSVOA_V
ClientSampleId :

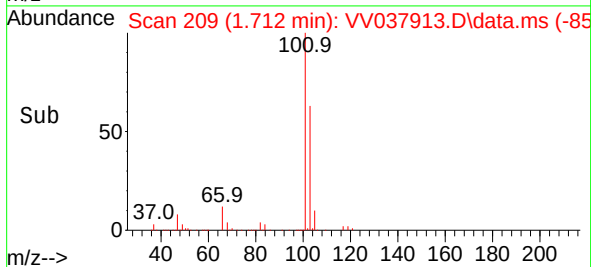
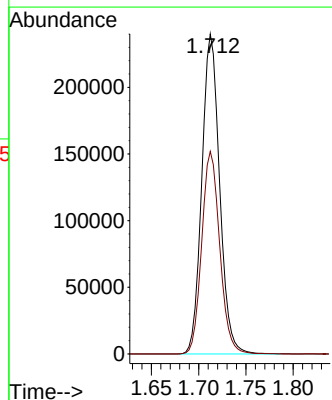
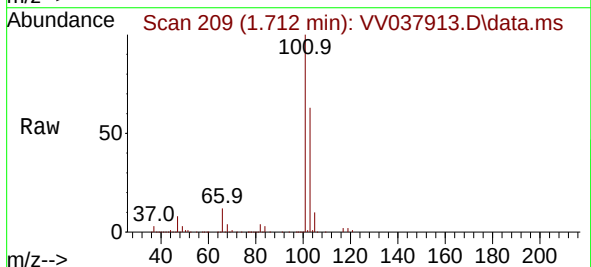


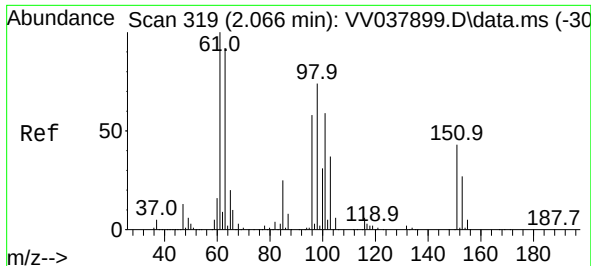
Tgt Ion: 64 Resp: 133678
Ion Ratio Lower Upper
64 100
66 32.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 56.117 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Tgt Ion:101 Resp: 314279
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

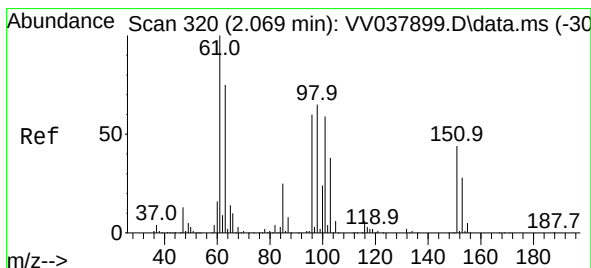
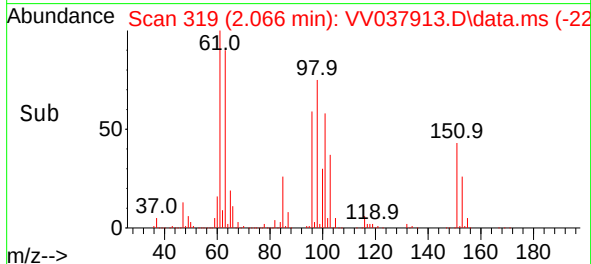
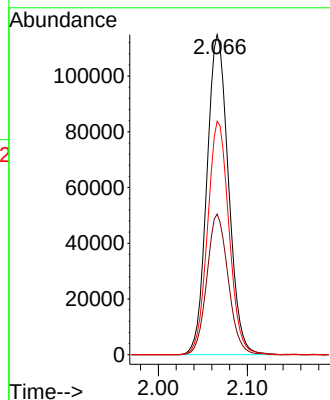
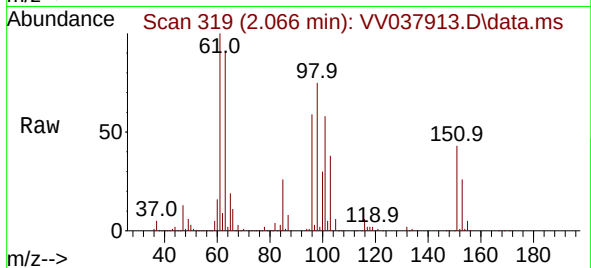




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 57.643 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

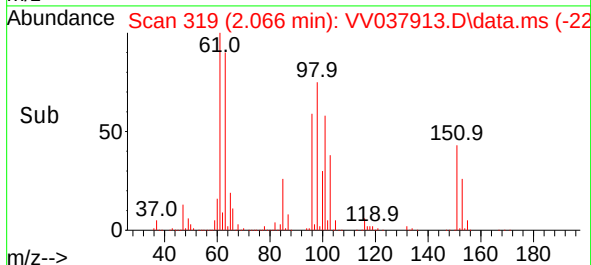
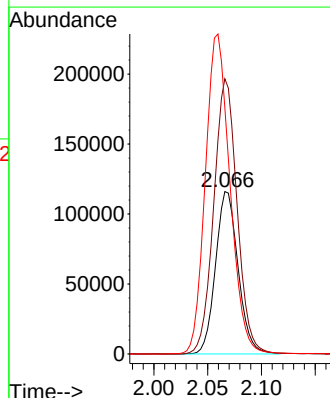
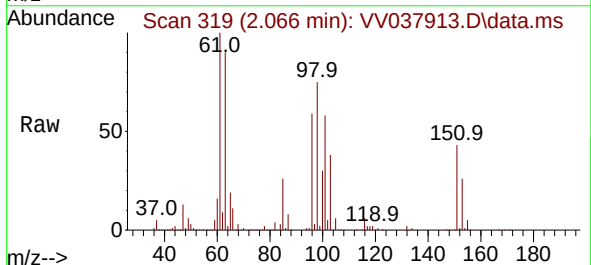
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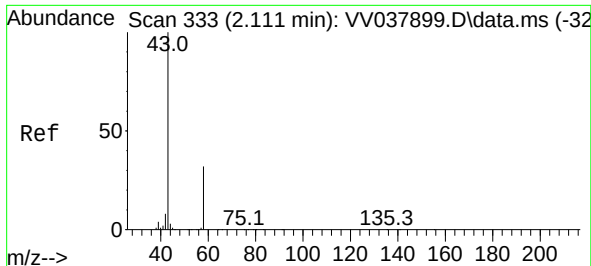
Tgt Ion:101 Resp: 192910
Ion Ratio Lower Upper
101 100
85 43.5 34.6 52.0
151 72.6 57.5 86.3



#12
1,1-Dichloroethene
Concen: 54.144 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Tgt Ion: 96 Resp: 169261
Ion Ratio Lower Upper
96 100
61 169.3 122.6 227.6
63 151.7 118.0 219.2





#13

Acetone

Concen: 98.231 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

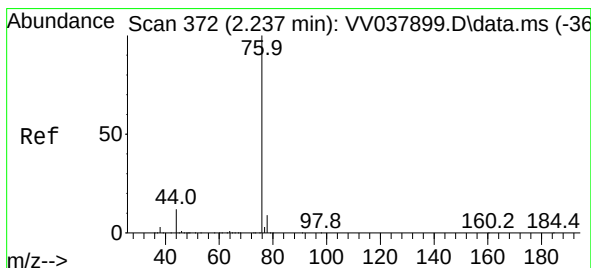
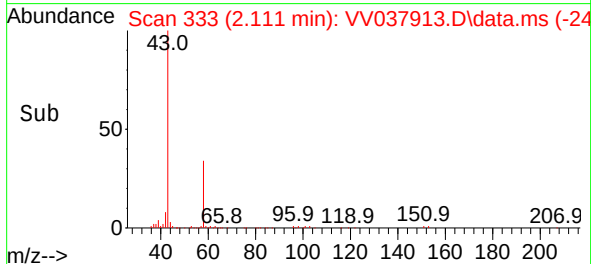
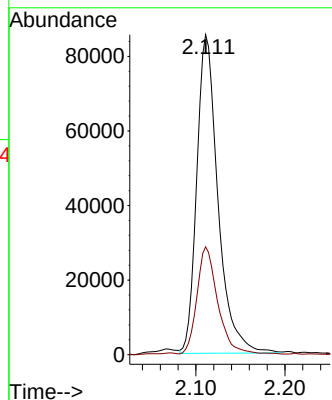
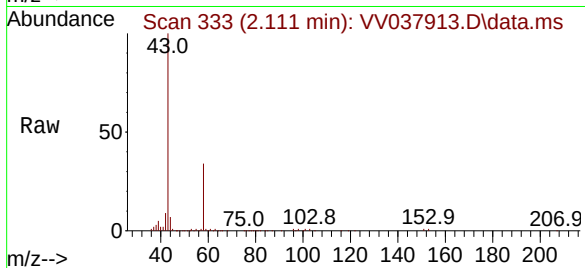
ClientSampleId :

Tgt Ion: 43 Resp: 141382

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.6



#14

Carbon disulfide

Concen: 41.798 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV037913.D

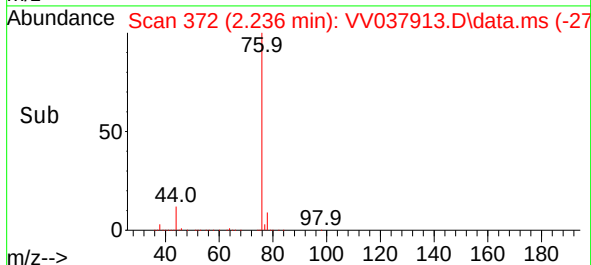
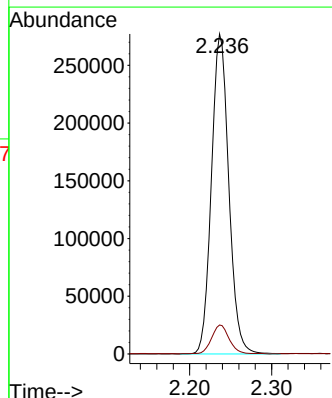
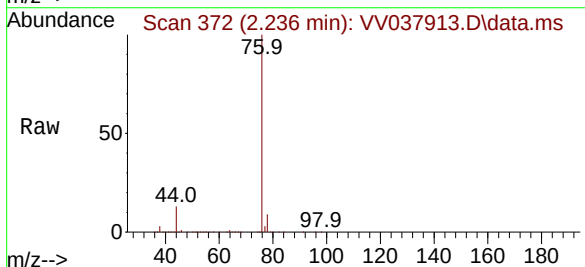
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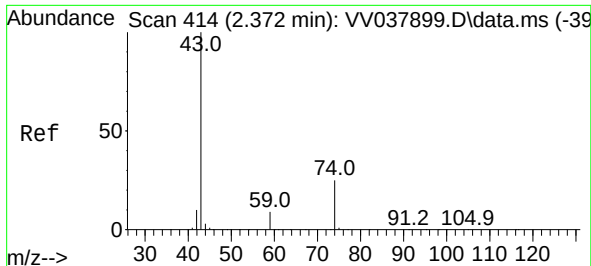
Tgt Ion: 76 Resp: 407872

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 61.120 ug/L

RT: 2.371 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

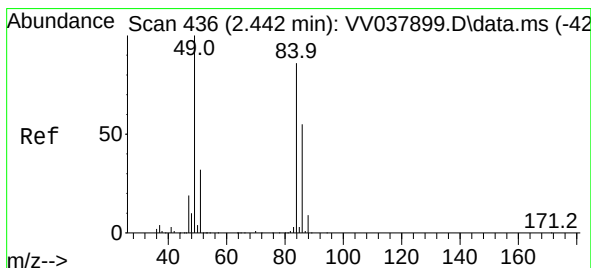
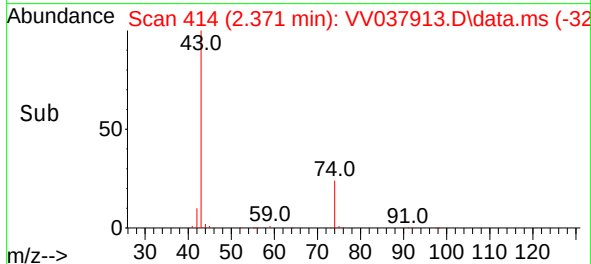
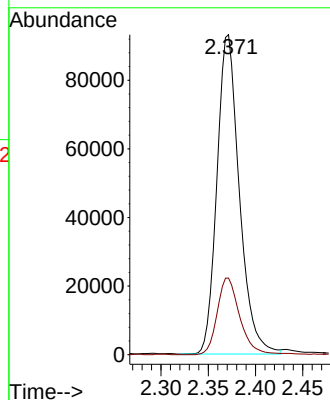
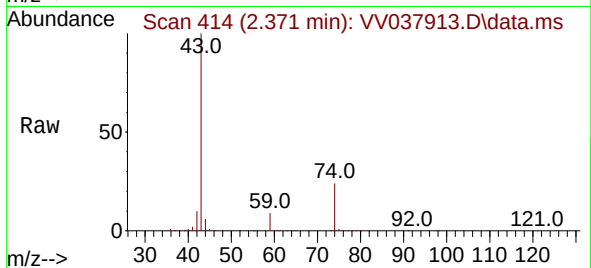
ClientSampleId :

Tgt Ion: 43 Resp: 153518

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.0



#16

Methylene chloride

Concen: 55.762 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

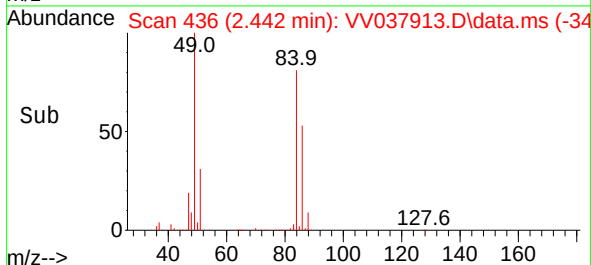
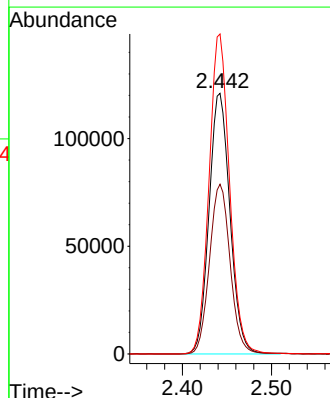
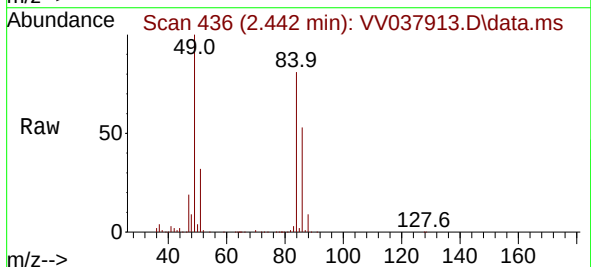
Tgt Ion: 84 Resp: 197377

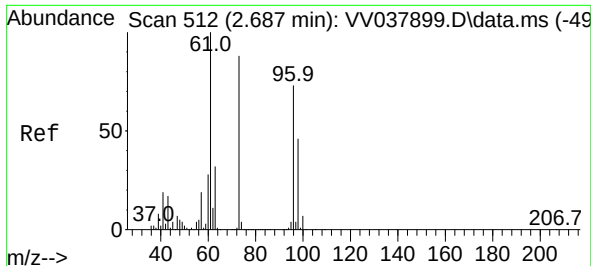
Ion Ratio Lower Upper

84 100

86 65.1 46.4 86.2

49 122.8 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 53.464 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.000 min

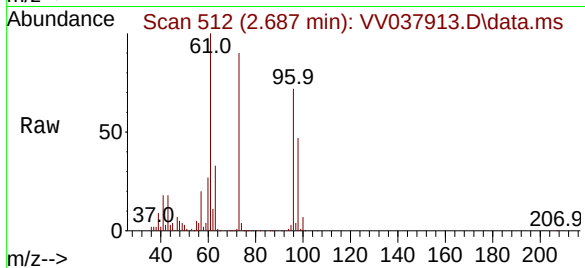
Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

ClientSampleId :



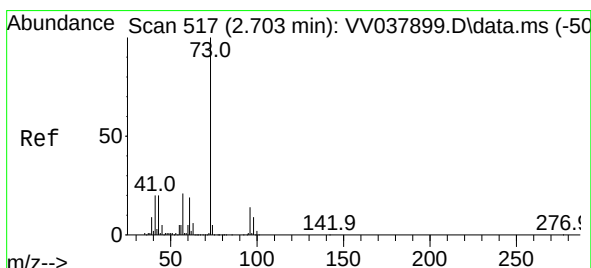
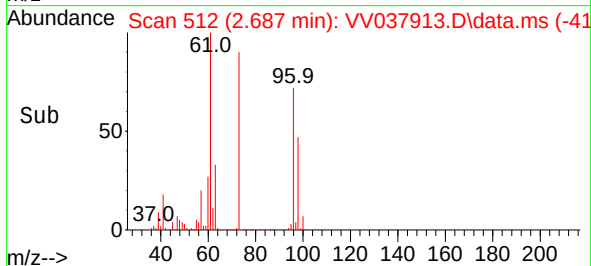
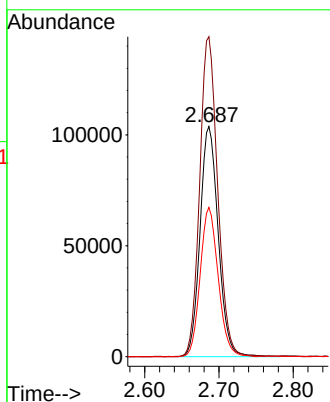
Tgt Ion: 96 Resp: 176814

Ion Ratio Lower Upper

96 100

61 139.0 97.3 180.7

98 64.8 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 61.665 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

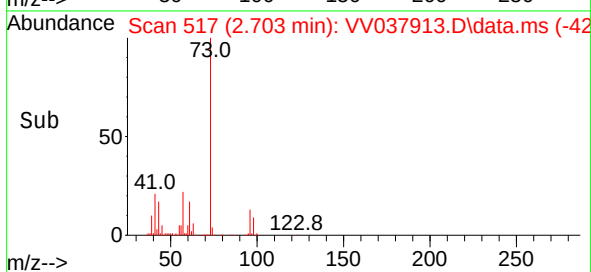
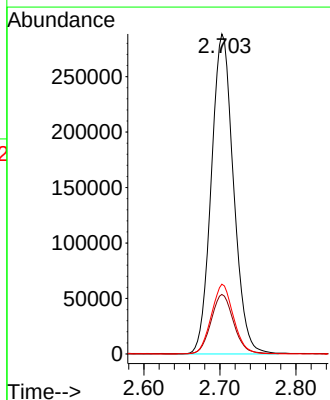
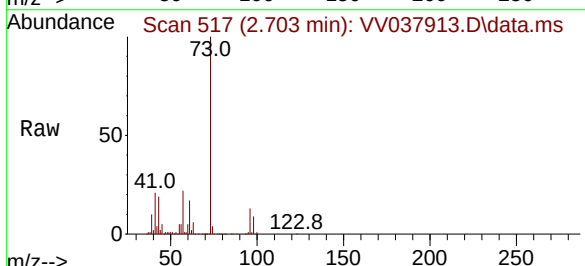
Tgt Ion: 73 Resp: 585097

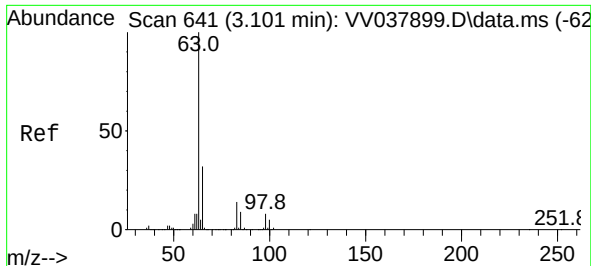
Ion Ratio Lower Upper

73 100

43 18.8 15.1 22.7

57 21.6 17.4 26.2





#19

1,1-Dichloroethane

Concen: 58.506 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.000 min

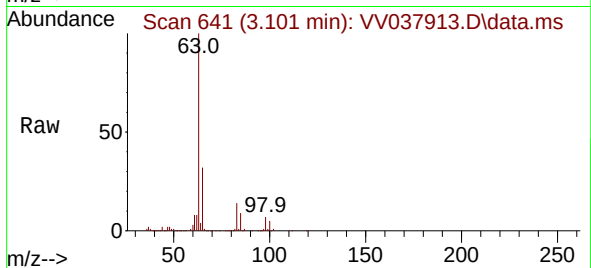
Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

ClientSampleId :



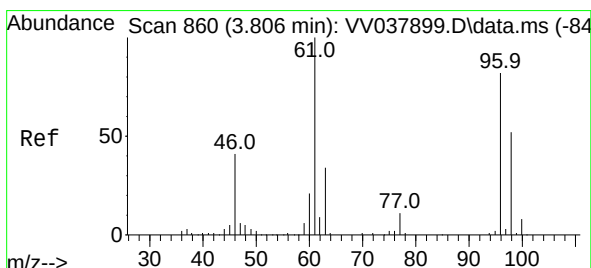
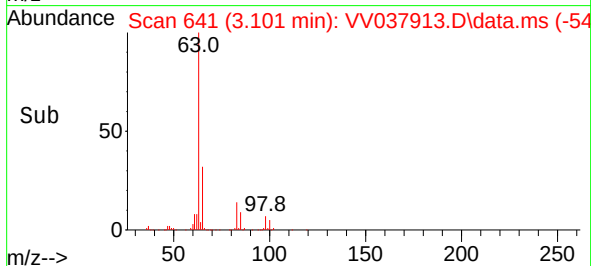
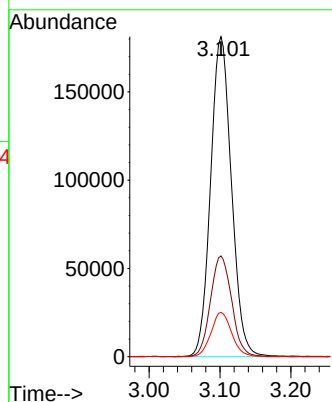
Tgt Ion: 63 Resp: 370718

Ion Ratio Lower Upper

63 100

65 31.5 22.4 41.6

83 13.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 58.728 ug/L

RT: 3.802 min Scan# 859

Delta R.T. -0.003 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

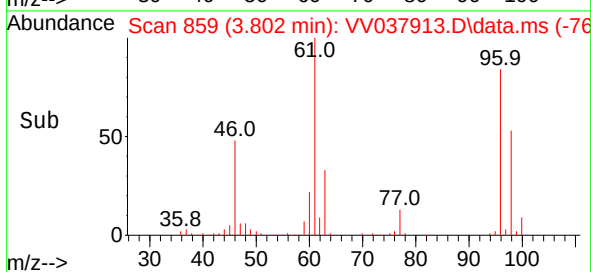
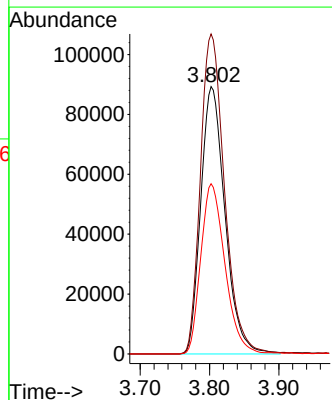
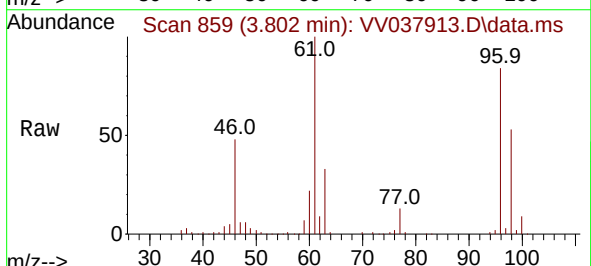
Tgt Ion: 96 Resp: 217347

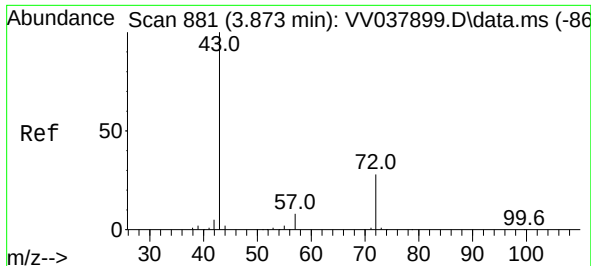
Ion Ratio Lower Upper

96 100

61 119.7 85.0 157.8

98 63.7 44.2 82.0

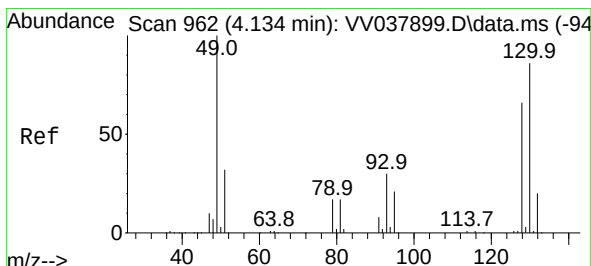
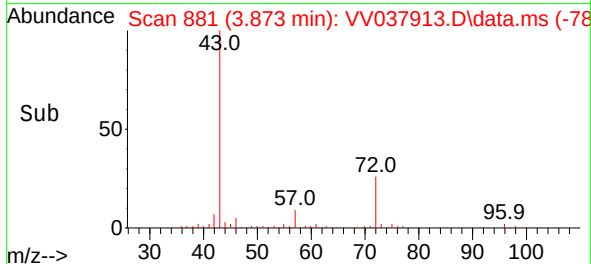
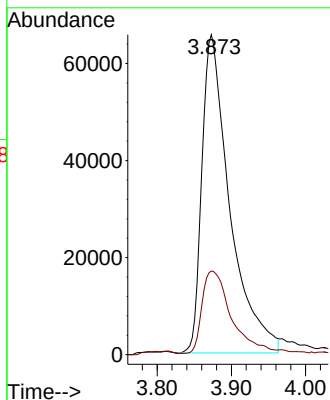
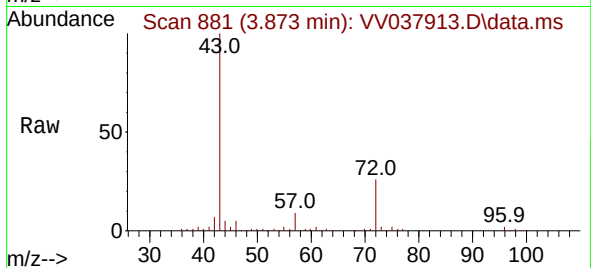




#22
2-Butanone
Concen: 107.557 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

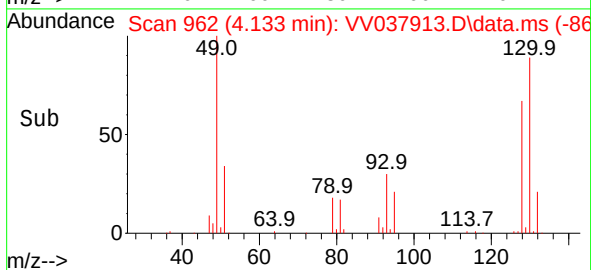
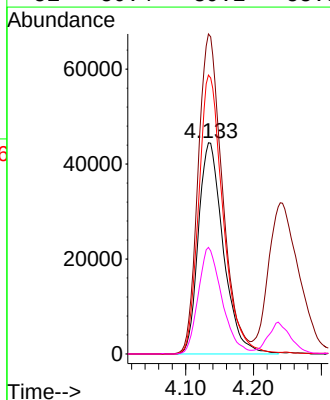
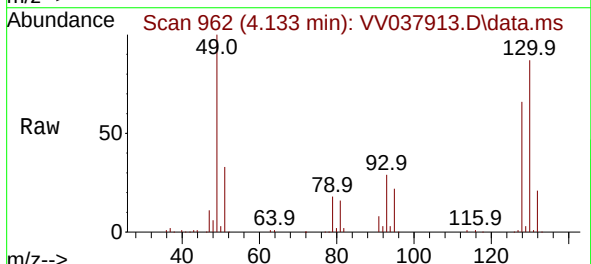
Instrument :
MSVOA_V
ClientSampleId :

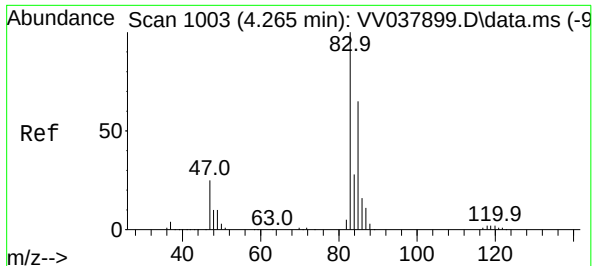
Tgt Ion: 43 Resp: 171344
Ion Ratio Lower Upper
43 100
72 26.0 14.3 42.9



#23
Bromochloromethane
Concen: 59.205 ug/L
RT: 4.133 min Scan# 962
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Tgt Ion:128 Resp: 113341
Ion Ratio Lower Upper
128 100
49 151.5 108.7 201.9
130 132.0 90.4 168.0
51 50.4 39.2 58.8





#25

Chloroform

Concen: 60.340 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

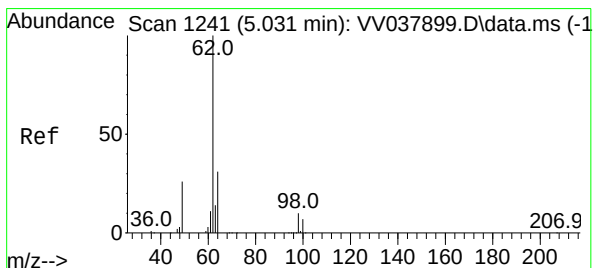
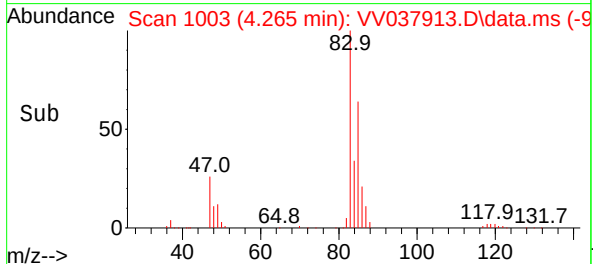
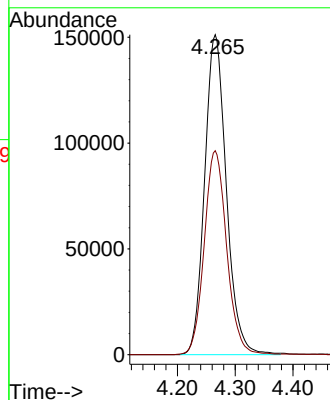
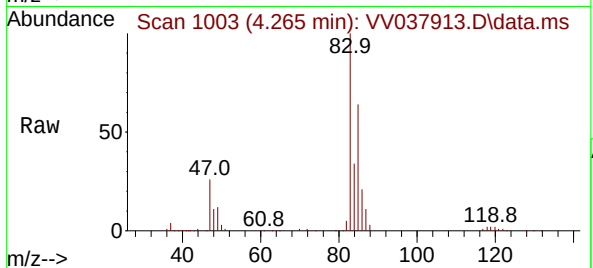
ClientSampleId :

Tgt Ion: 83 Resp: 395861

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 59.550 ug/L

RT: 5.030 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VV037913.D

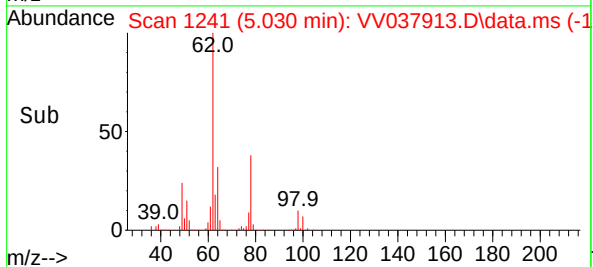
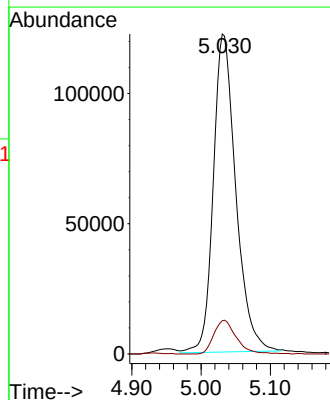
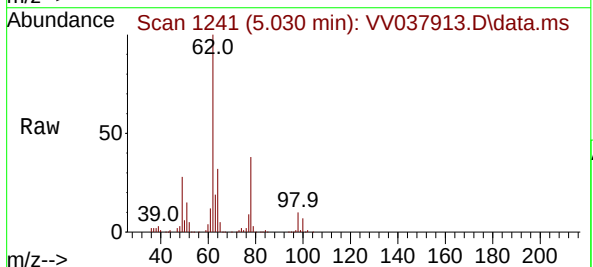
Acq: 23 Oct 2024 10:25

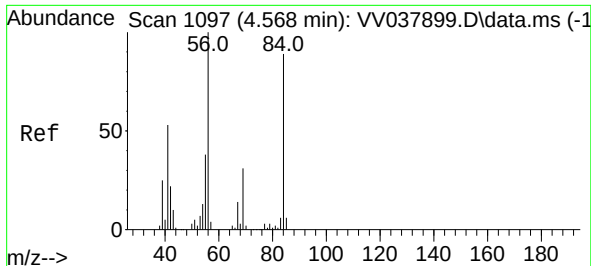
Tgt Ion: 62 Resp: 275799

Ion Ratio Lower Upper

62 100

98 10.4 8.4 12.6





#29

Cyclohexane

Concen: 46.589 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.000 min

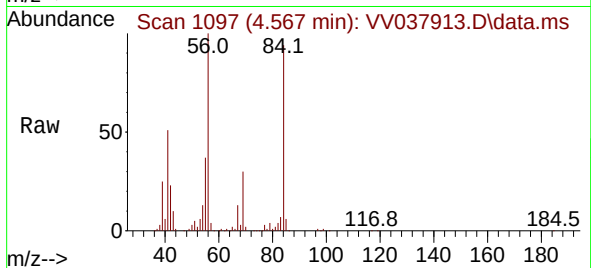
Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

ClientSampleId :



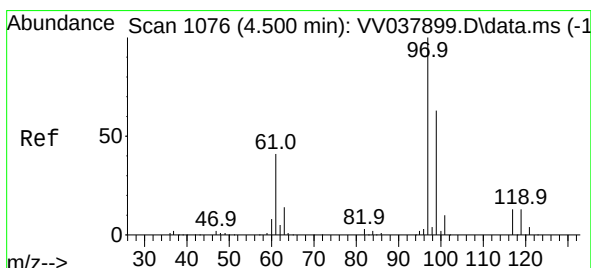
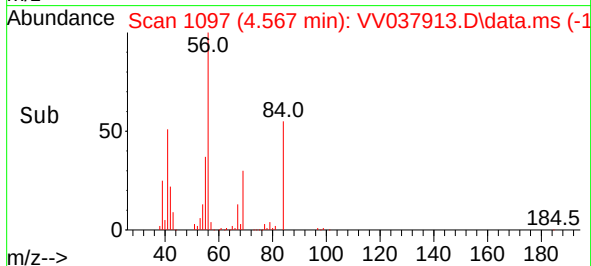
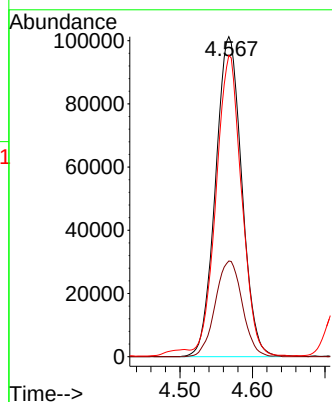
Tgt Ion: 56 Resp: 254742

Ion Ratio Lower Upper

56 100

69 30.7 24.7 37.1

84 90.9 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 55.977 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

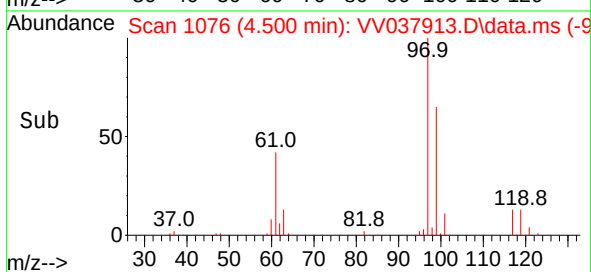
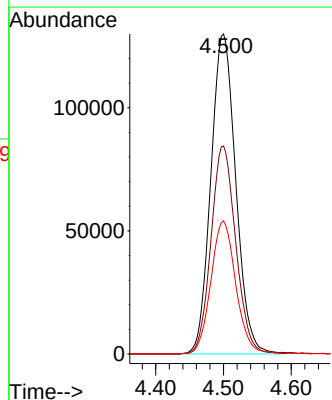
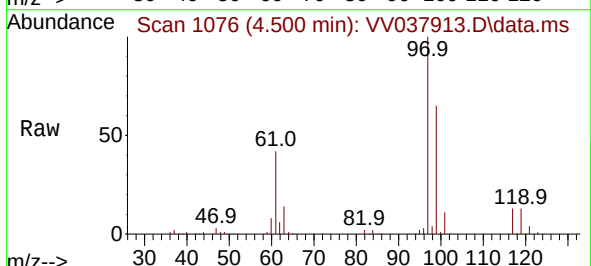
Tgt Ion: 97 Resp: 332016

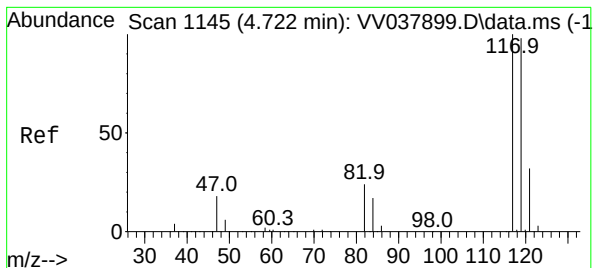
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 41.7 33.6 50.4





#31

Carbon tetrachloride

Concen: 55.340 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

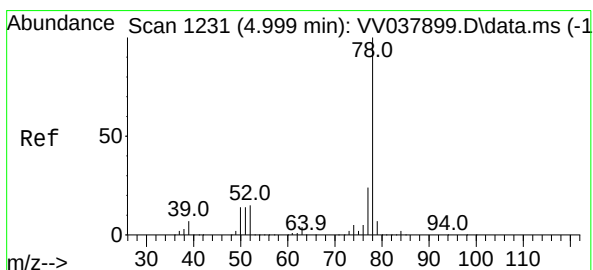
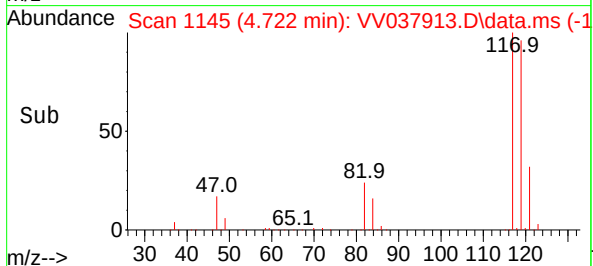
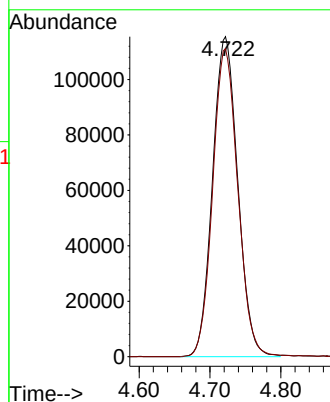
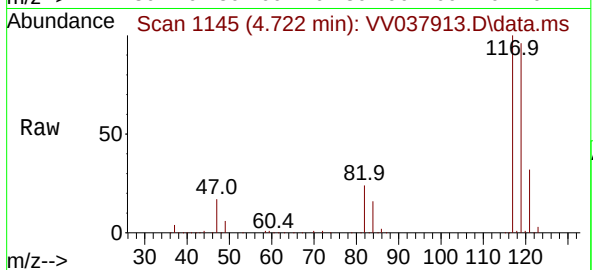
ClientSampleId :

Tgt Ion:117 Resp: 285375

Ion Ratio Lower Upper

117 100

119 95.9 76.9 115.3



#33

Benzene

Concen: 54.941 ug/L

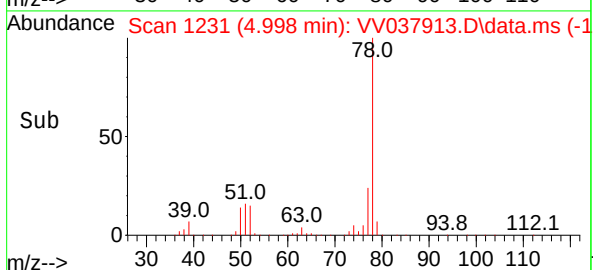
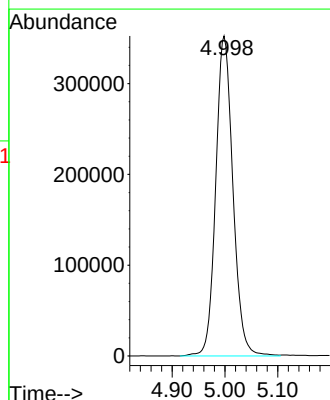
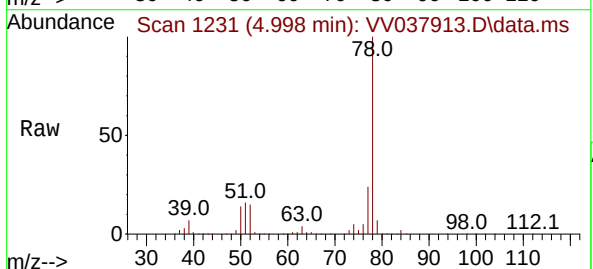
RT: 4.998 min Scan# 1231

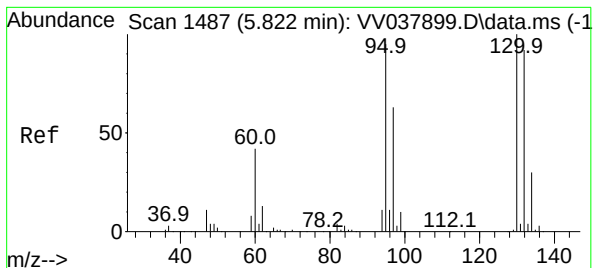
Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Tgt Ion: 78 Resp: 797963





#34

Trichloroethene

Concen: 53.425 ug/L

RT: 5.821 min Scan# 14

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 206643

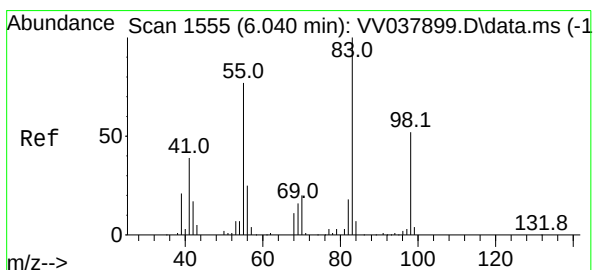
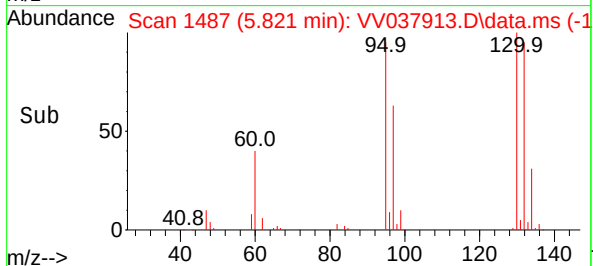
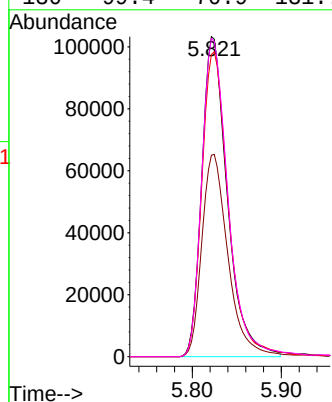
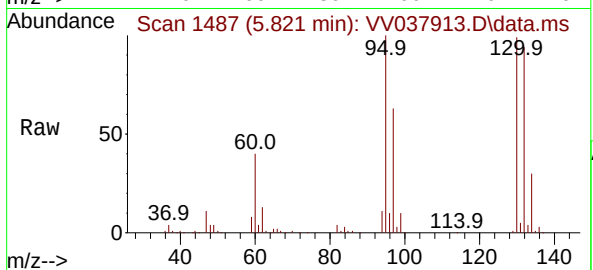
Ion Ratio Lower Upper

95 100

97 63.0 46.3 85.9

132 94.4 68.6 127.4

130 99.4 70.9 131.7



#35

Methylcyclohexane

Concen: 48.102 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.003 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

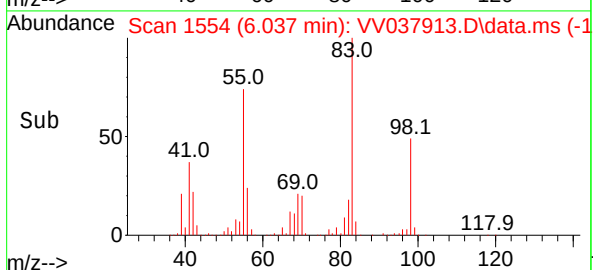
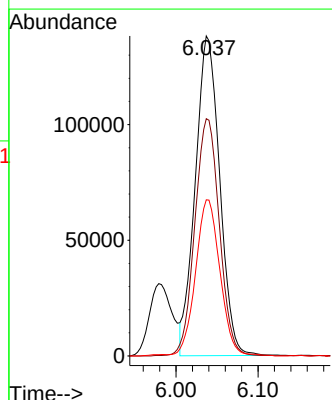
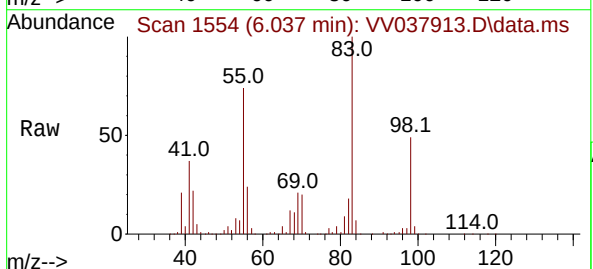
Tgt Ion: 83 Resp: 286223

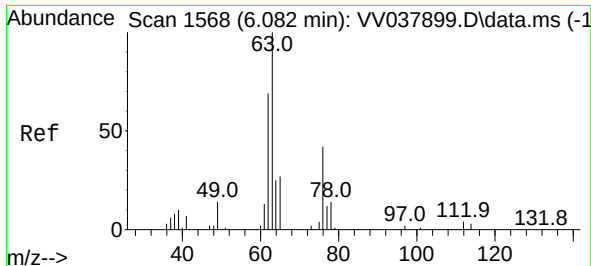
Ion Ratio Lower Upper

83 100

55 74.6 57.9 86.9

98 48.9 39.3 58.9

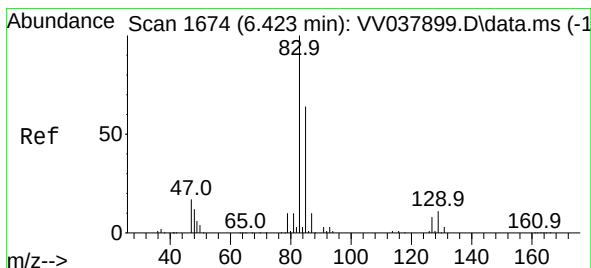
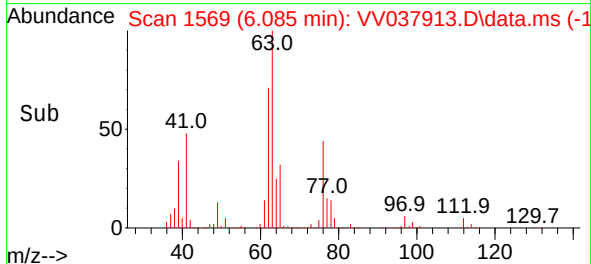
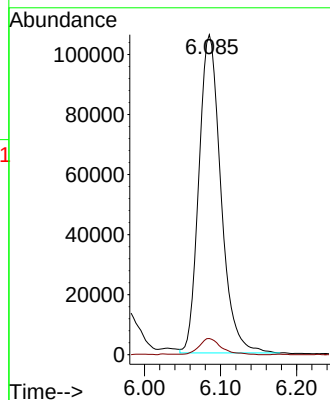
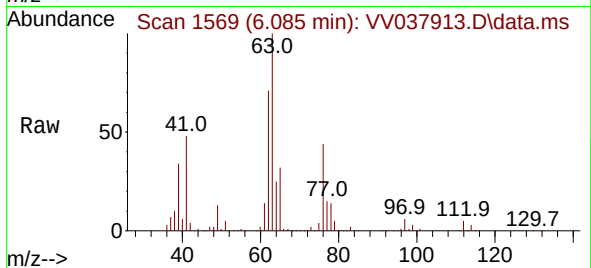




#37
1,2-Dichloropropane
Concen: 56.848 ug/L
RT: 6.085 min Scan# 1568
Delta R.T. 0.003 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

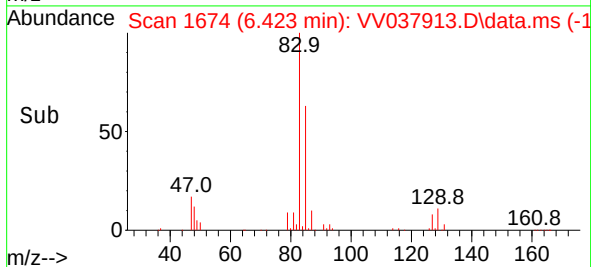
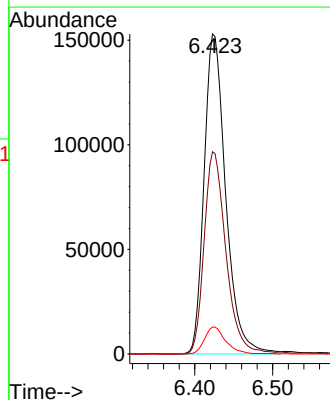
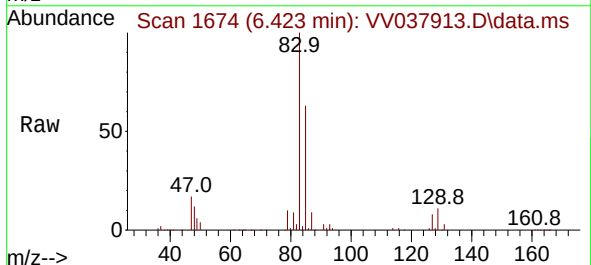
Instrument :
MSVOA_V
ClientSampleId :

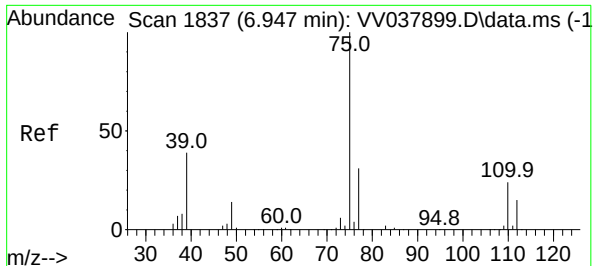
Tgt Ion: 63 Resp: 213209
Ion Ratio Lower Upper
63 100
112 5.1 3.5 5.3



#38
Bromodichloromethane
Concen: 58.807 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Tgt Ion: 83 Resp: 294838
Ion Ratio Lower Upper
83 100
85 63.2 45.7 84.9
127 8.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 56.274 ug/L

RT: 6.947 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

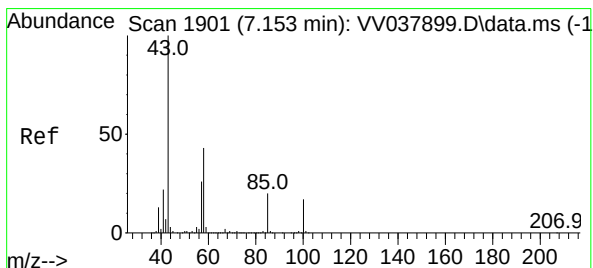
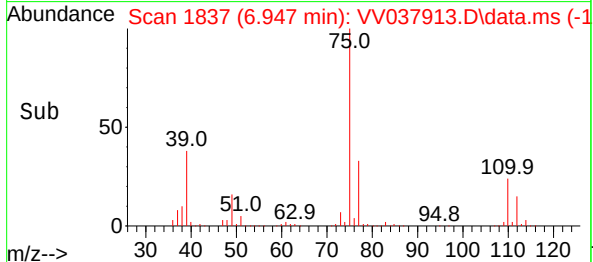
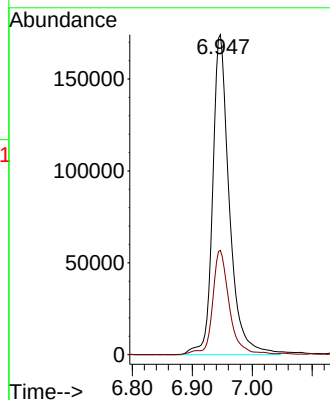
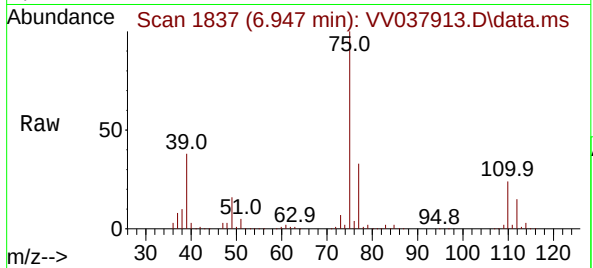
ClientSampleId :

Tgt Ion: 75 Resp: 336905

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 119.389 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

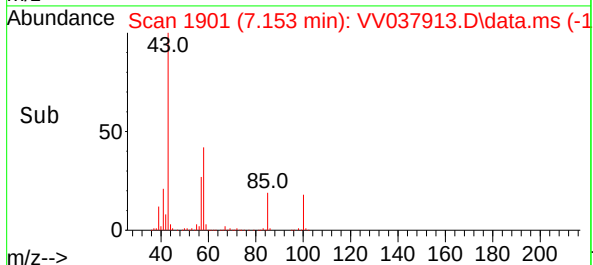
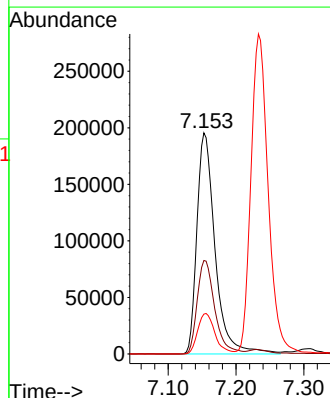
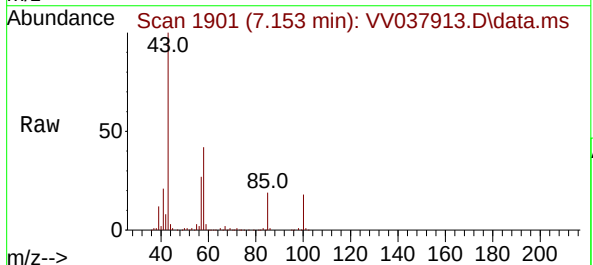
Tgt Ion: 43 Resp: 364578

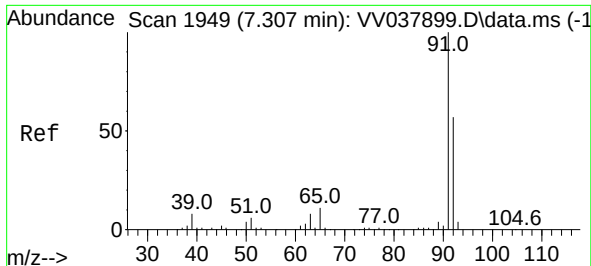
Ion Ratio Lower Upper

43 100

58 40.8 33.0 49.4

100 17.5 13.7 20.5





#42

Toluene

Concen: 56.621 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

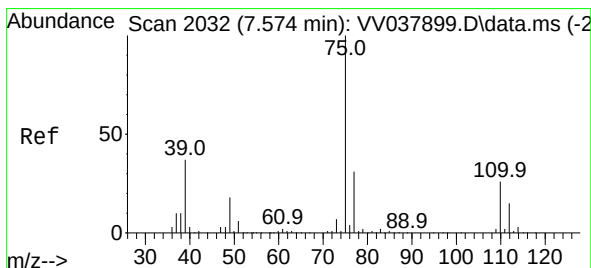
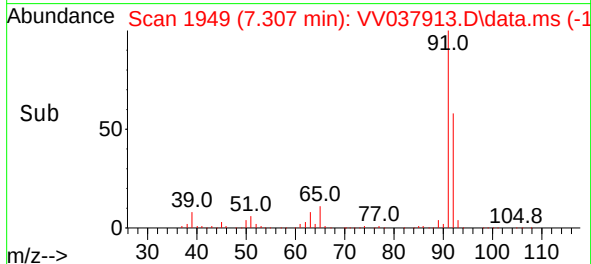
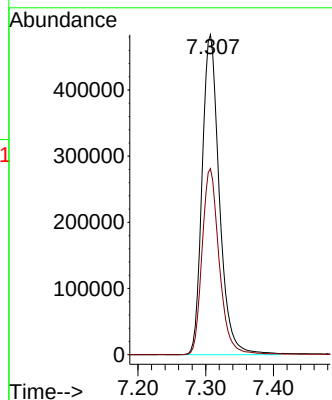
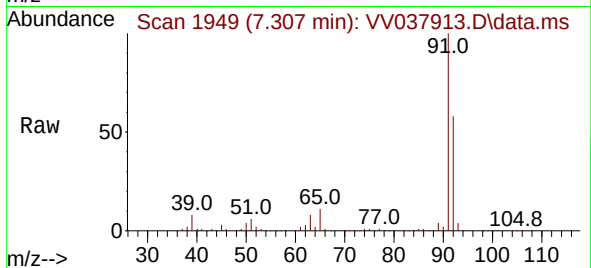
ClientSampleId :

Tgt Ion: 91 Resp: 852531

Ion Ratio Lower Upper

91 100

92 58.2 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 56.690 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV037913.D

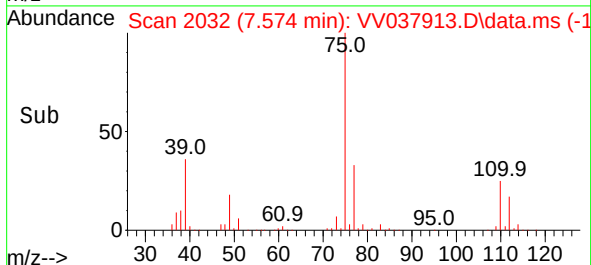
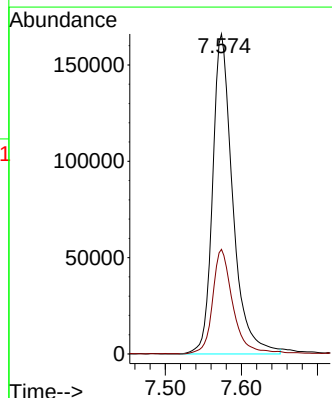
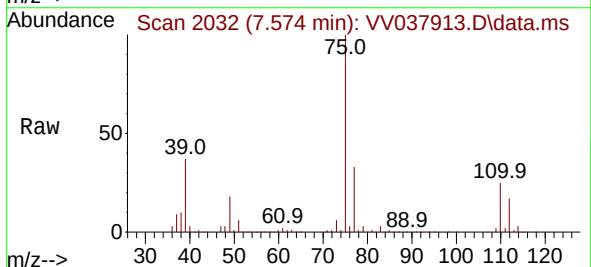
Acq: 23 Oct 2024 10:25

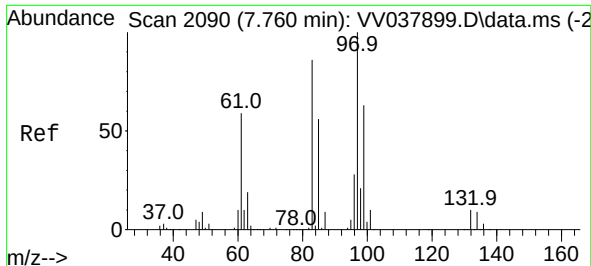
Tgt Ion: 75 Resp: 305559

Ion Ratio Lower Upper

75 100

77 32.7 21.9 40.7



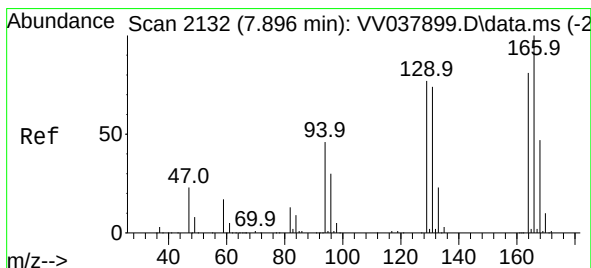
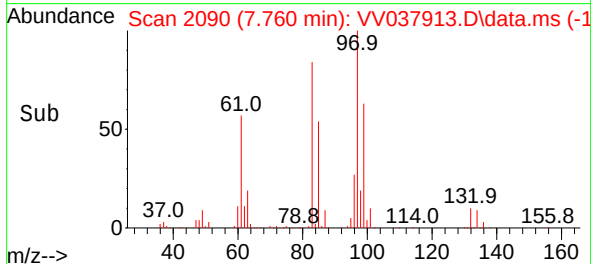
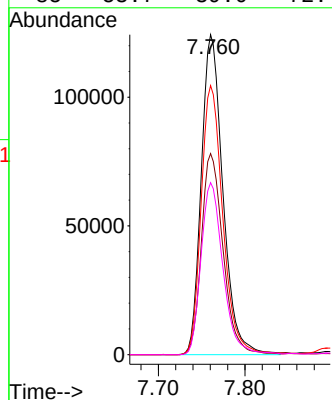
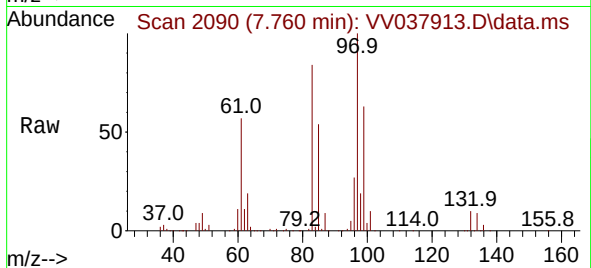


#45
1,1,2-Trichloroethane
Concen: 59.908 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 215743

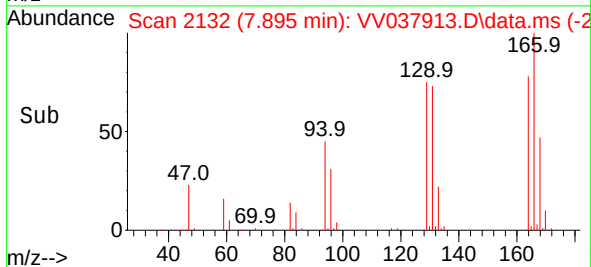
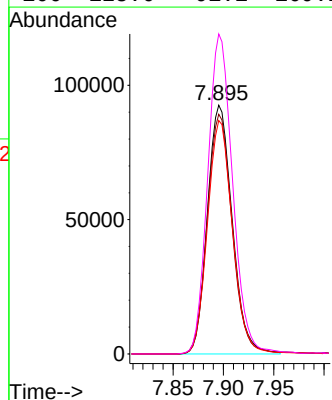
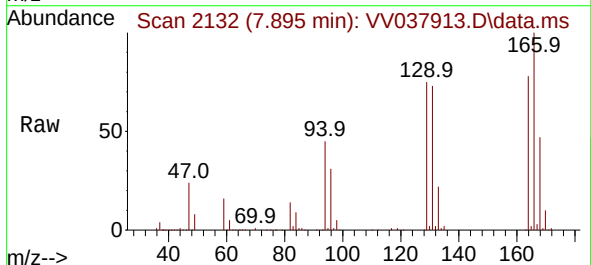
Ion	Ratio	Lower	Upper
97	100		
99	62.9	44.1	81.9
83	84.1	59.3	110.1
85	53.7	39.0	72.4

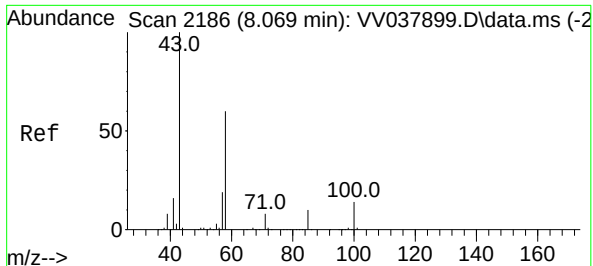


#46
Tetrachloroethene
Concen: 53.810 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Tgt Ion: 164 Resp: 159133

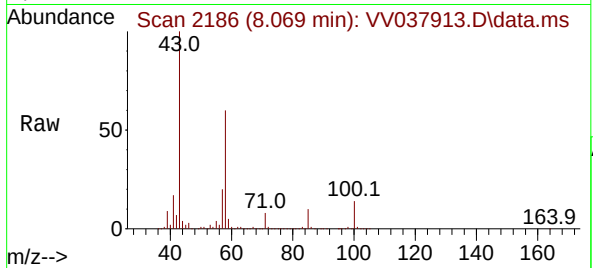
Ion	Ratio	Lower	Upper
164	100		
129	96.4	68.2	126.6
131	93.8	66.1	122.8
166	128.6	91.1	169.1



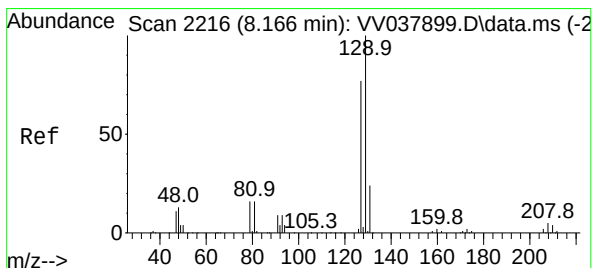
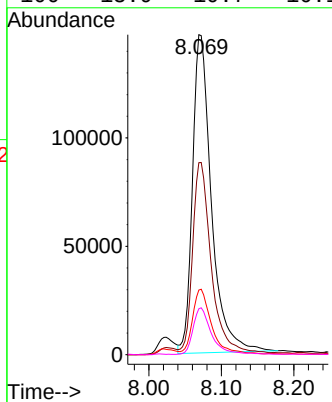
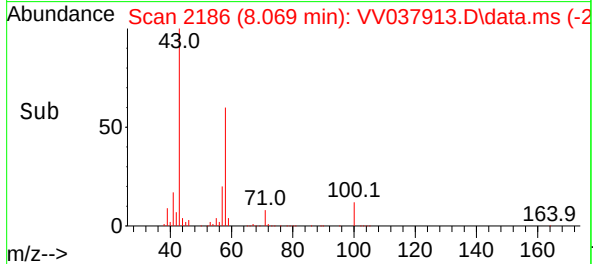


#48
2-Hexanone
Concen: 112.272 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Instrument :
MSVOA_V
ClientSampleId :

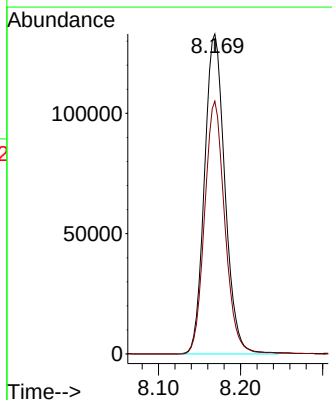
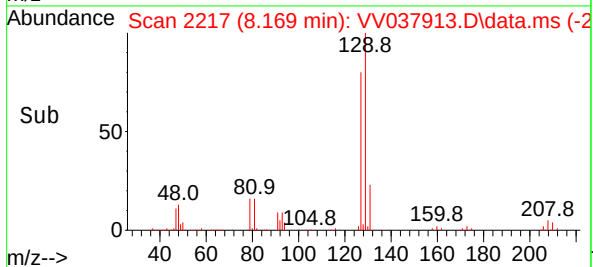
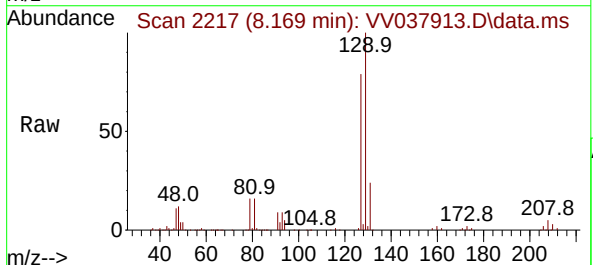


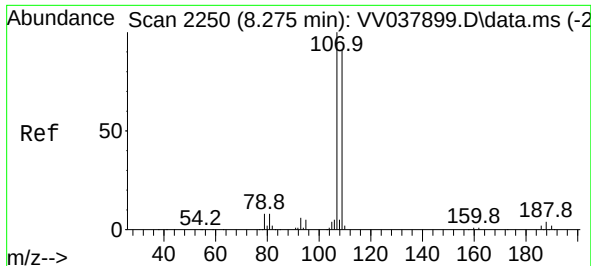
Tgt Ion: 43 Resp: 266591
Ion Ratio Lower Upper
43 100
58 58.8 46.5 69.7
57 19.4 15.1 22.7
100 13.9 10.7 16.1



#49
Dibromochloromethane
Concen: 60.444 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Tgt Ion:129 Resp: 230381
Ion Ratio Lower Upper
129 100
127 79.0 54.9 101.9

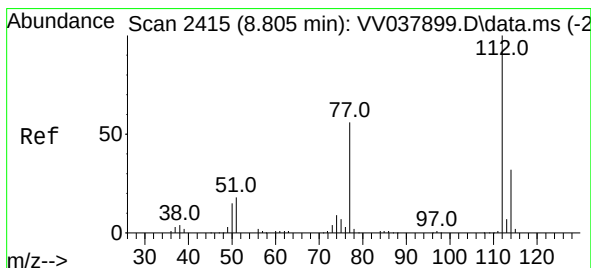
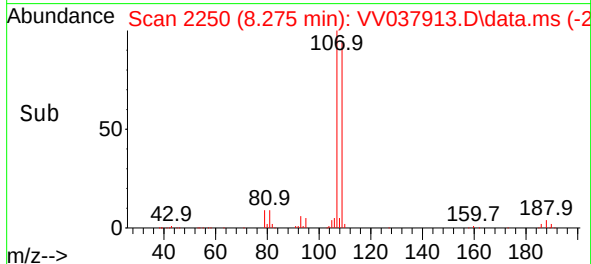
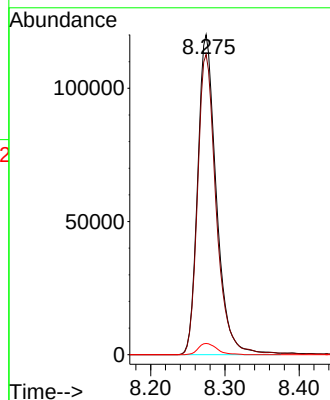
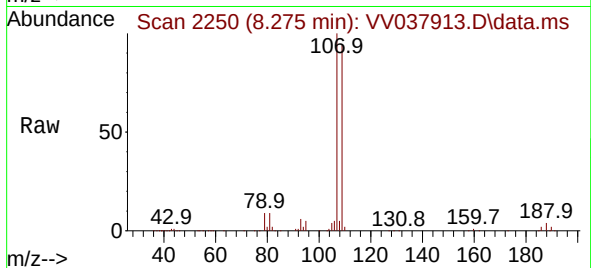




#50
1,2-Dibromoethane
Concen: 56.486 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

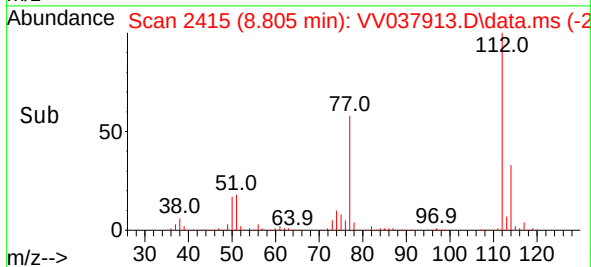
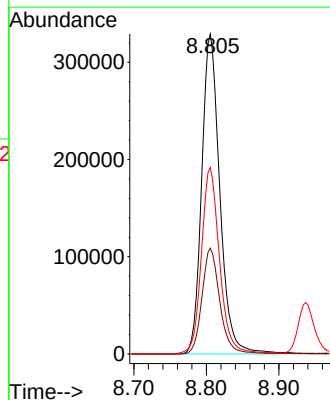
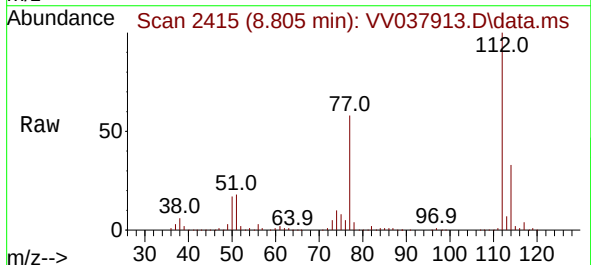
Instrument :
MSVOA_V
ClientSampleId :

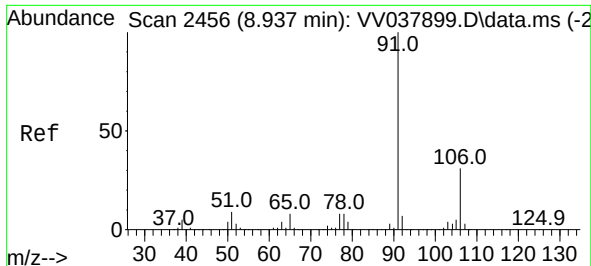
Tgt Ion:107 Resp: 210275
Ion Ratio Lower Upper
107 100
109 93.8 65.7 121.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 55.779 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Tgt Ion:112 Resp: 572195
Ion Ratio Lower Upper
112 100
114 33.0 22.5 41.7
77 58.3 45.8 68.8





#52

Ethylbenzene

Concen: 55.432 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

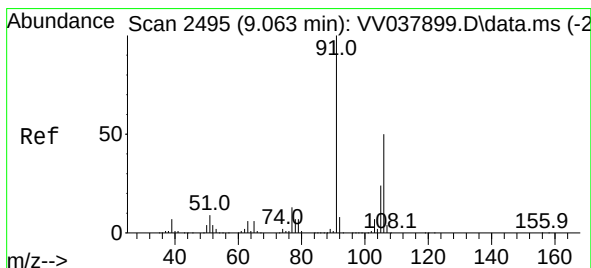
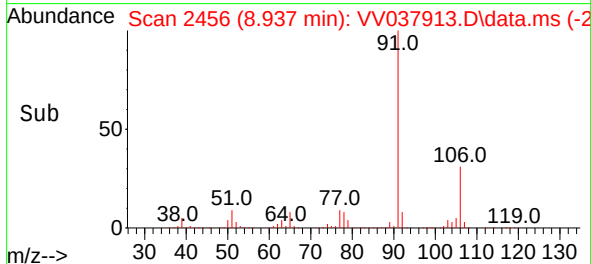
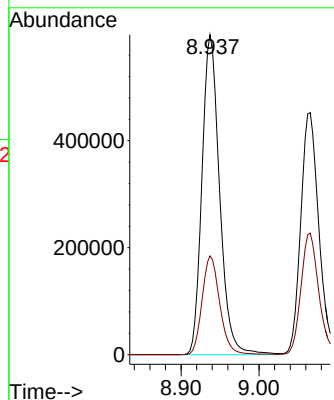
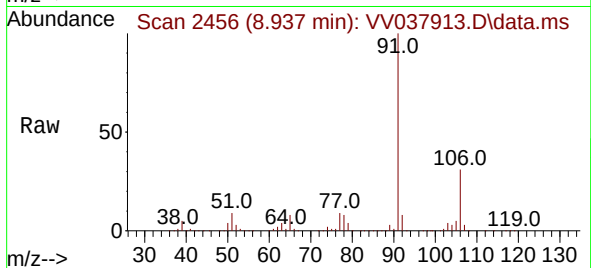
ClientSampleId :

Tgt Ion: 91 Resp: 939516

Ion Ratio Lower Upper

91 100

106 30.8 21.9 40.7



#53

m,p-Xylene

Concen: 57.534 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV037913.D

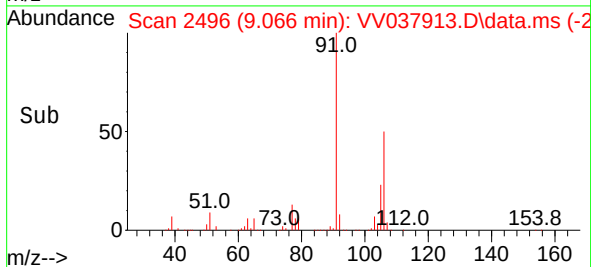
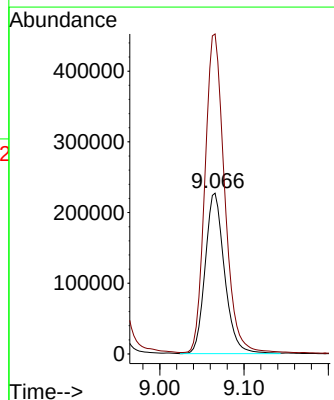
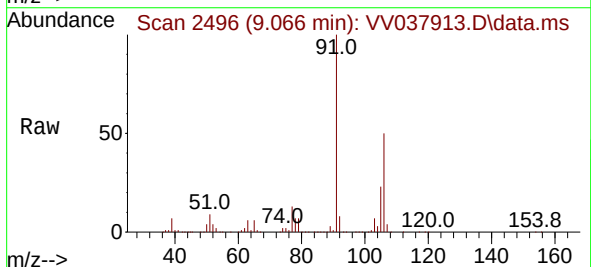
Acq: 23 Oct 2024 10:25

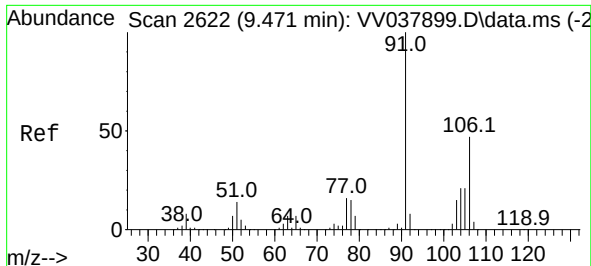
Tgt Ion:106 Resp: 362914

Ion Ratio Lower Upper

106 100

91 199.0 142.0 263.6

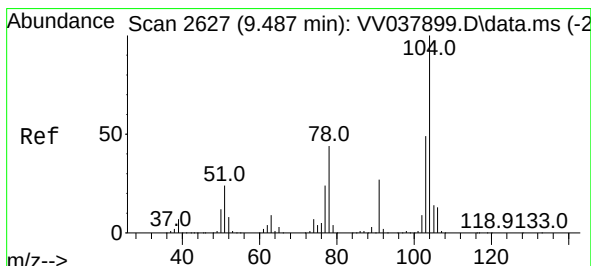
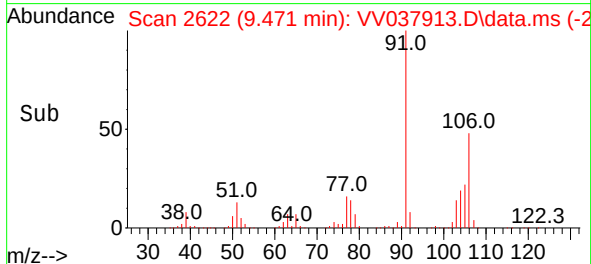
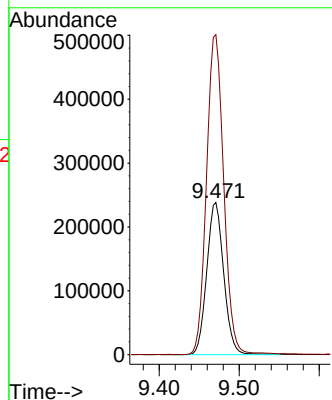
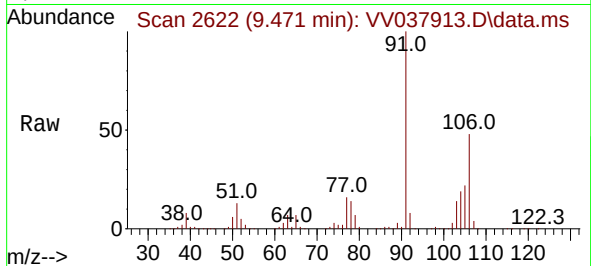




#54
o-Xylene
Concen: 57.253 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

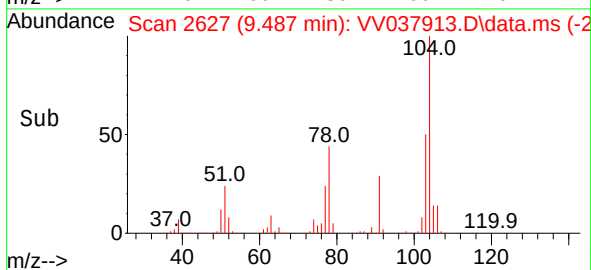
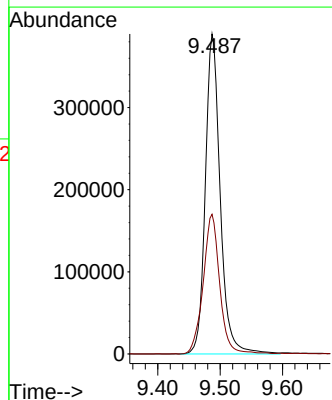
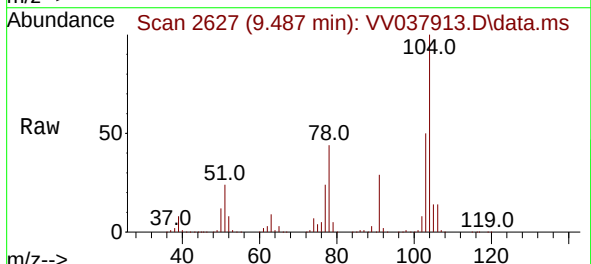
Instrument :
MSVOA_V
ClientSampleId :

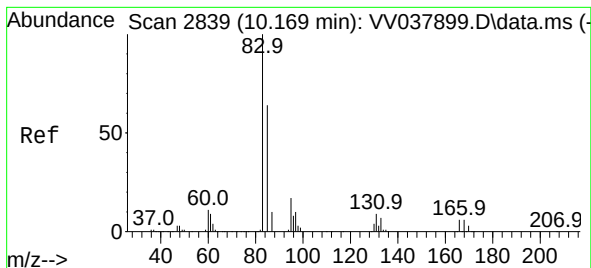
Tgt Ion:106 Resp: 352579
Ion Ratio Lower Upper
106 100
91 210.3 153.9 285.9



#55
Styrene
Concen: 60.363 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Tgt Ion:104 Resp: 647131
Ion Ratio Lower Upper
104 100
78 43.7 30.0 55.6

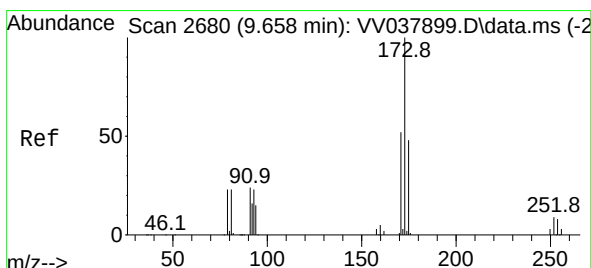
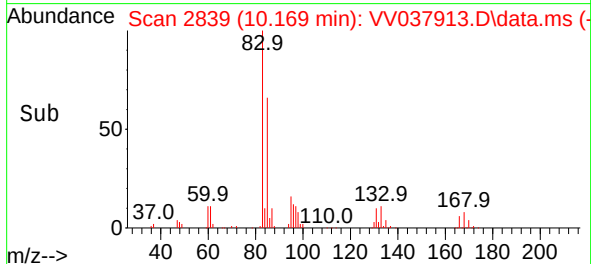
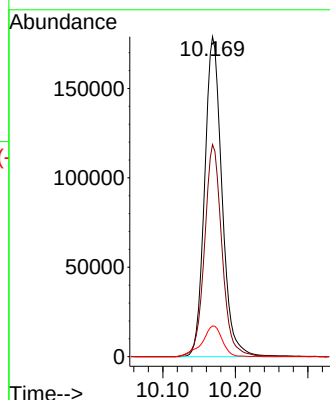
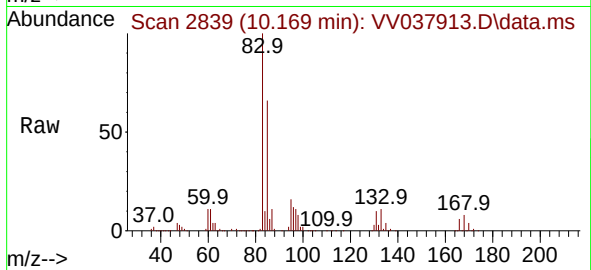




#57
1,1,2,2-Tetrachloroethane
Concen: 59.214 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

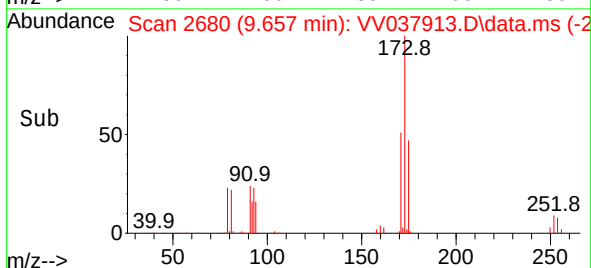
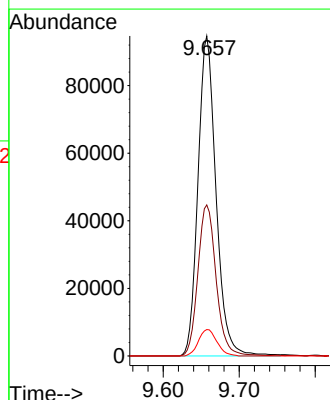
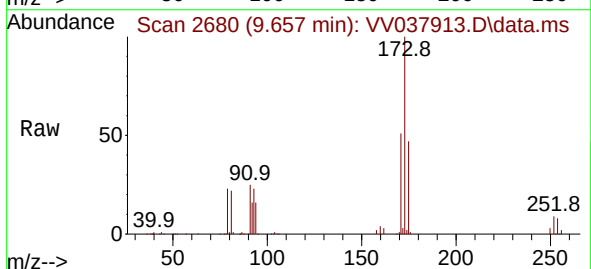
Instrument :
MSVOA_V
ClientSampleId :

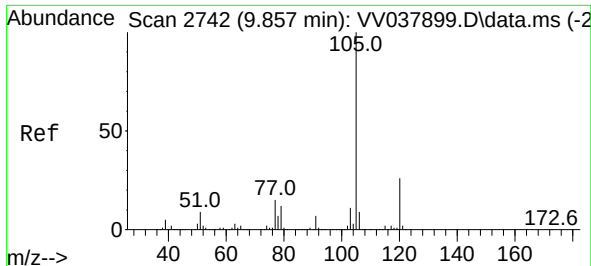
Tgt Ion: 83 Resp: 297311
Ion Ratio Lower Upper
83 100
85 66.3 45.9 85.3
131 9.6 7.9 11.9



#59
Bromoform
Concen: 58.389 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Tgt Ion: 173 Resp: 156155
Ion Ratio Lower Upper
173 100
175 47.8 40.0 60.0
254 8.4 6.5 9.7

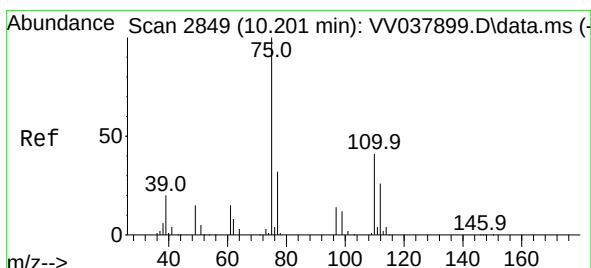
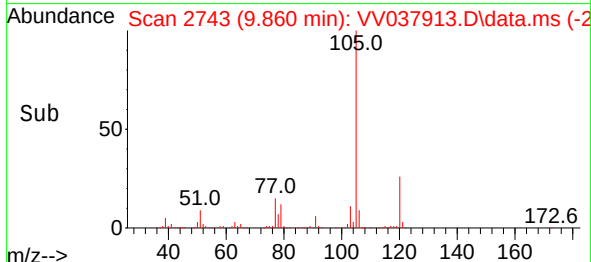
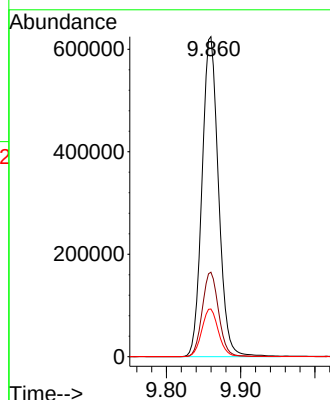
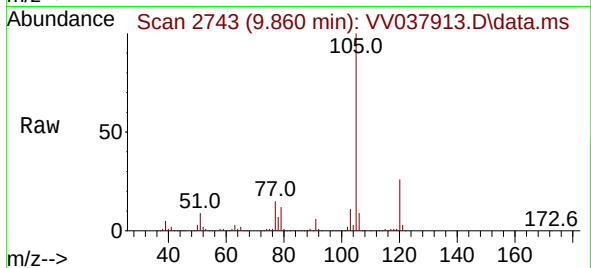




#60
Isopropylbenzene
Concen: 54.082 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

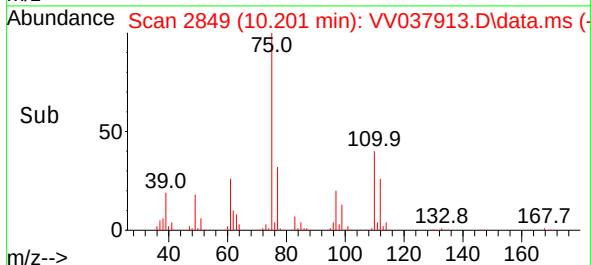
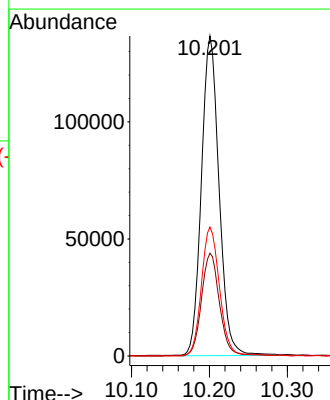
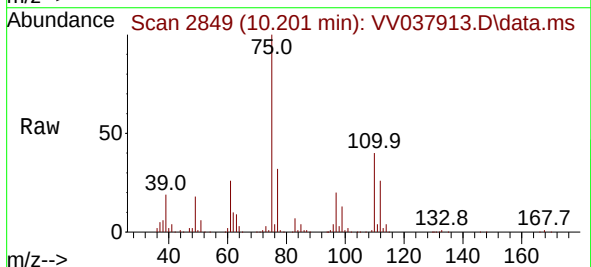
Instrument :
MSVOA_V
ClientSampleId :

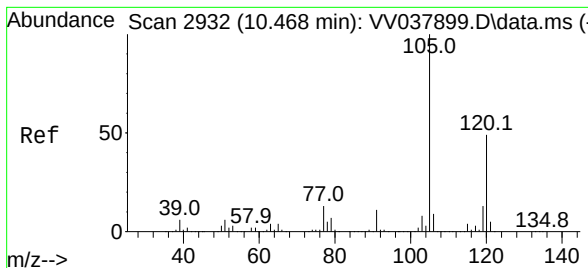
Tgt Ion:105 Resp: 962107
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 55.258 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV037913.D
Acq: 23 Oct 2024 10:25

Tgt Ion: 75 Resp: 215157
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
110 41.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 53.942 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

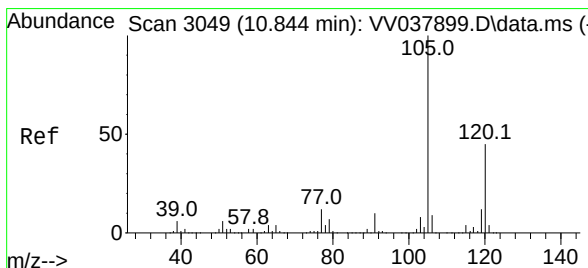
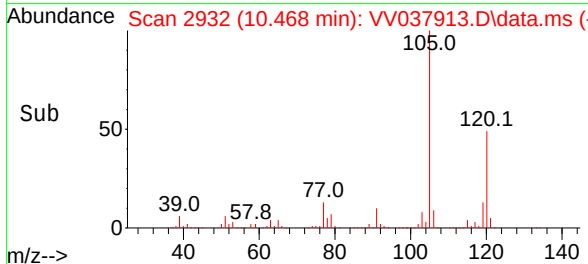
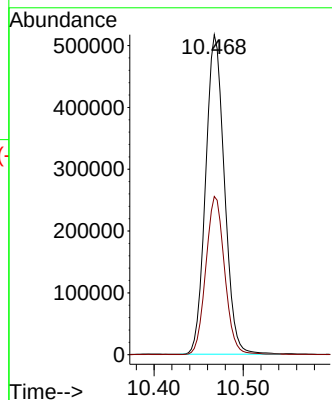
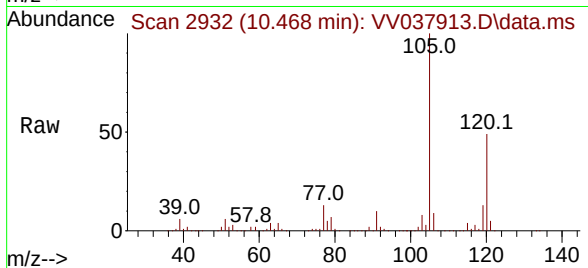
ClientSampleId :

Tgt Ion:105 Resp: 758680

Ion Ratio Lower Upper

105 100

120 49.4 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 55.221 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037913.D

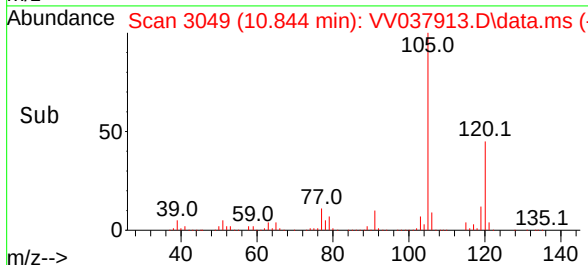
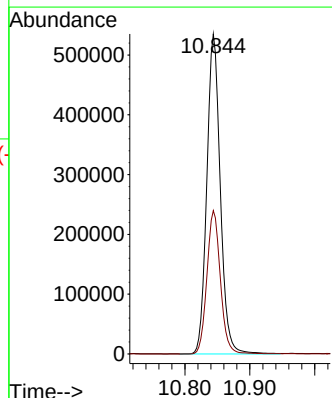
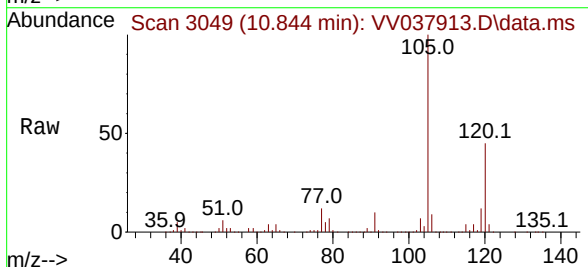
Acq: 23 Oct 2024 10:25

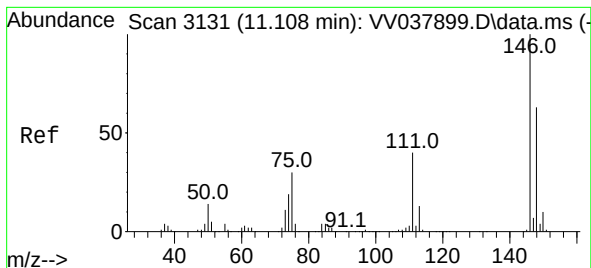
Tgt Ion:105 Resp: 772768

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 56.011 ug/L

RT: 11.107 min Scan# 3131

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

ClientSampleId :

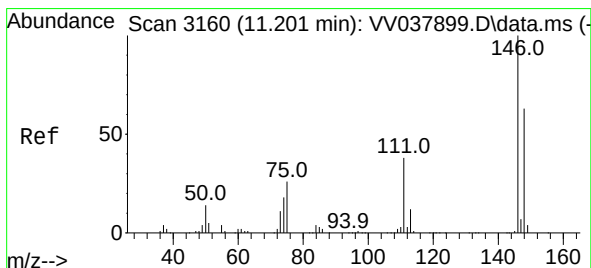
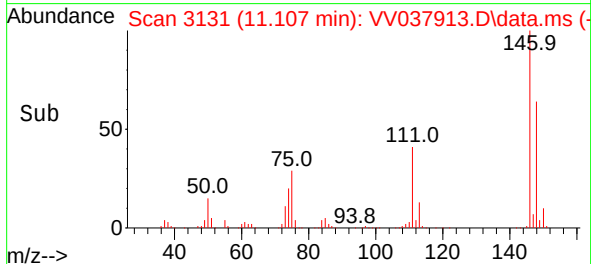
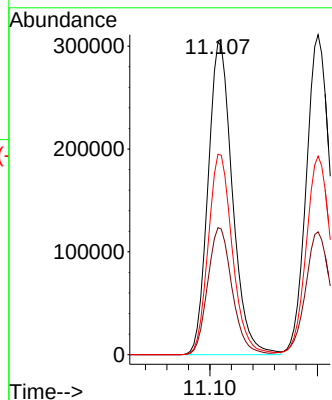
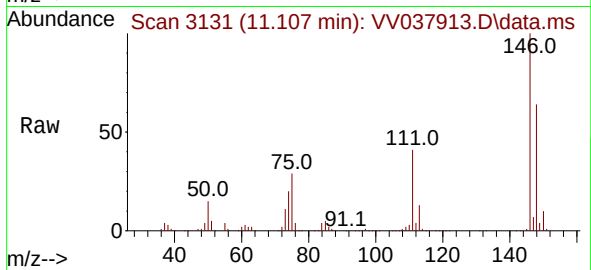
Tgt Ion:146 Resp: 479613

Ion Ratio Lower Upper

146 100

111 40.7 28.3 52.5

148 64.2 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 55.878 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

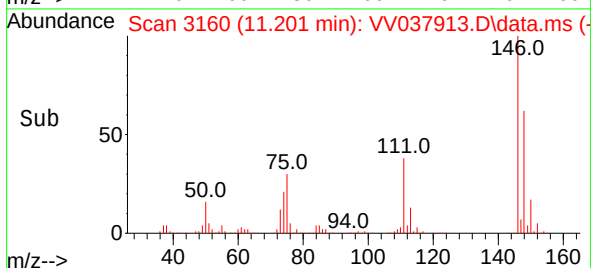
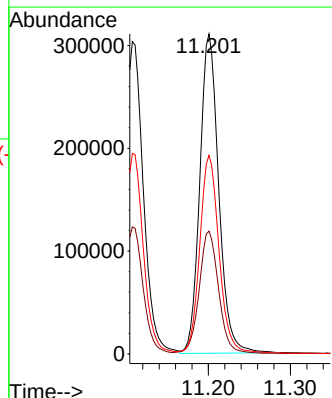
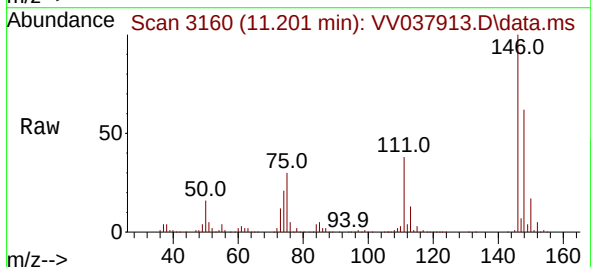
Tgt Ion:146 Resp: 498232

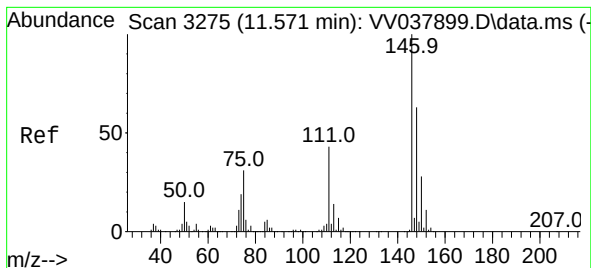
Ion Ratio Lower Upper

146 100

111 38.4 27.6 51.4

148 62.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 55.107 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

ClientSampleId :

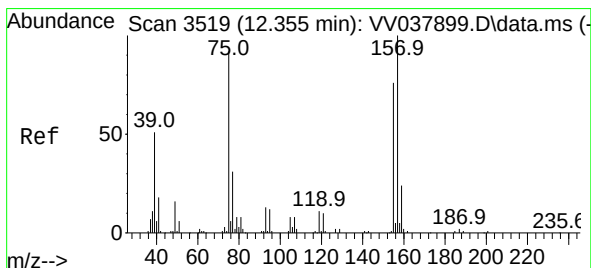
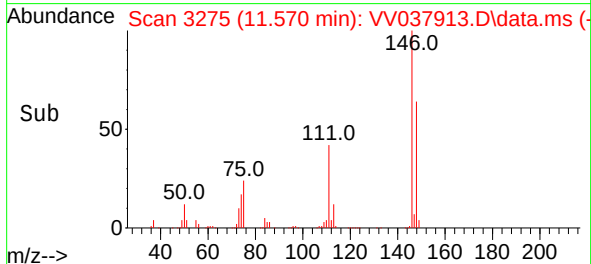
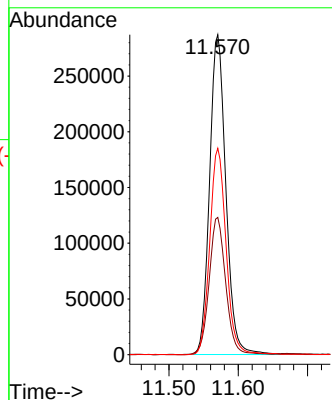
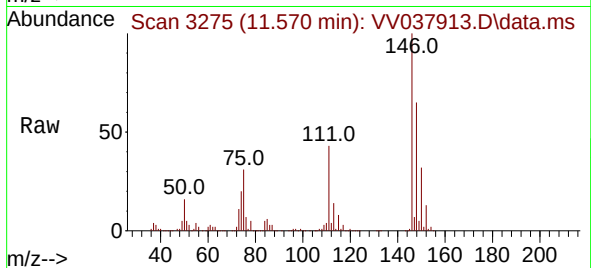
Tgt Ion:146 Resp: 466473

Ion Ratio Lower Upper

146 100

111 42.9 34.2 51.2

148 64.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 52.489 ug/L

RT: 12.355 min Scan# 3519

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

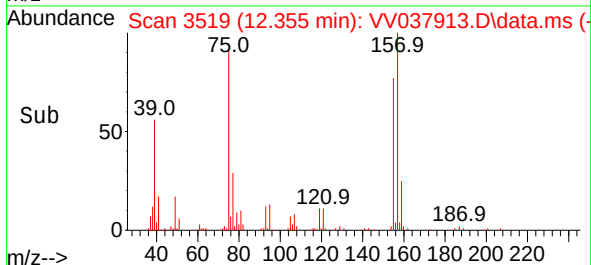
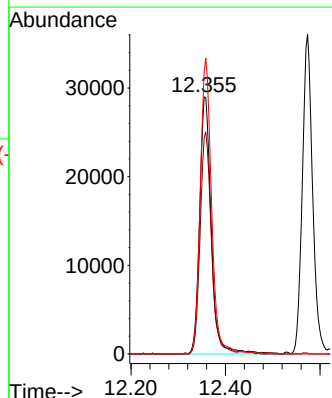
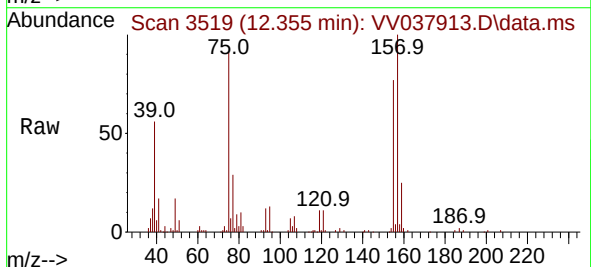
Tgt Ion: 75 Resp: 49611

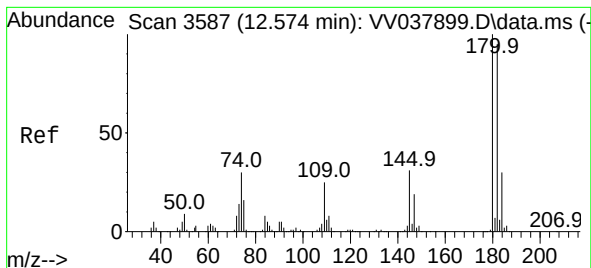
Ion Ratio Lower Upper

75 100

155 84.4 66.2 99.4

157 110.0 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 55.017 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

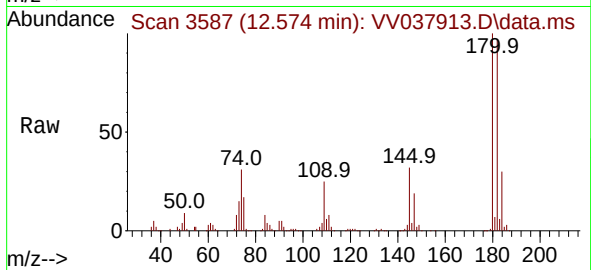
Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 323965

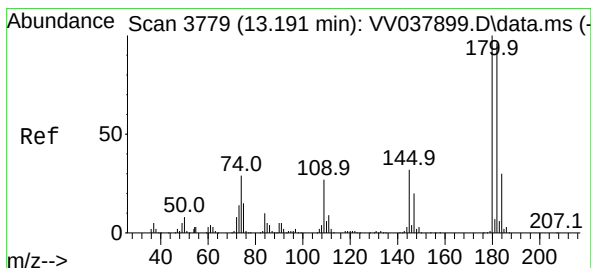
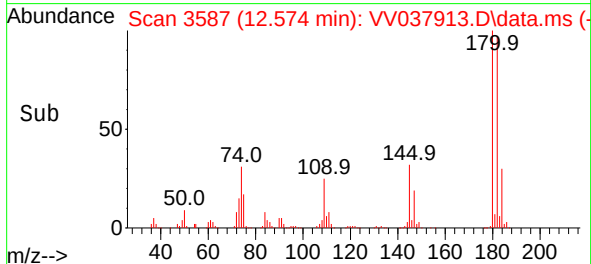
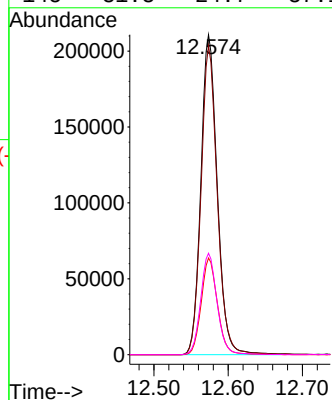
Ion Ratio Lower Upper

180 100

182 95.3 75.6 113.4

184 29.7 23.8 35.6

145 31.3 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 54.219 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

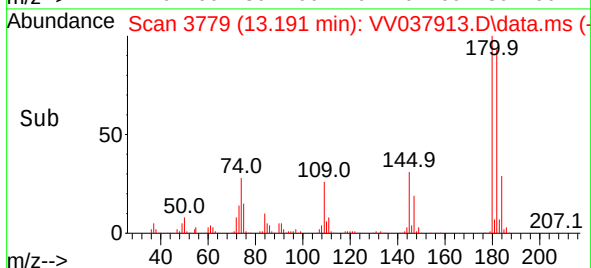
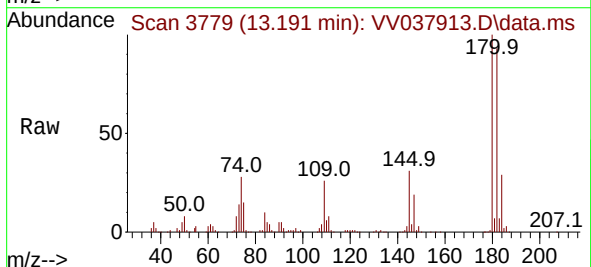
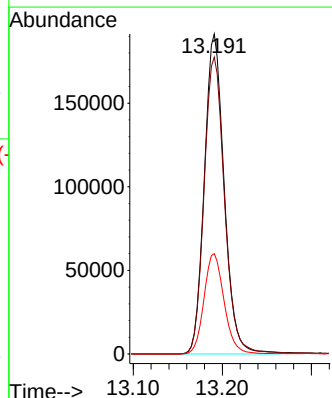
Tgt Ion:180 Resp: 296218

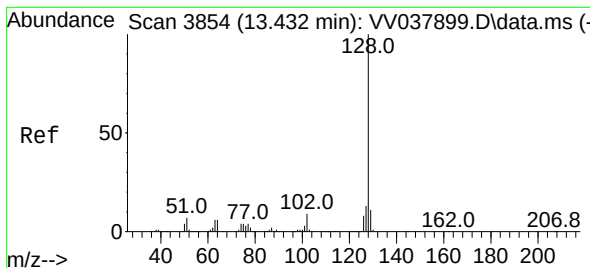
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 31.7 25.4 38.2





#71

Naphthalene

Concen: 53.532 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Instrument :

MSVOA_V

ClientSampleId :

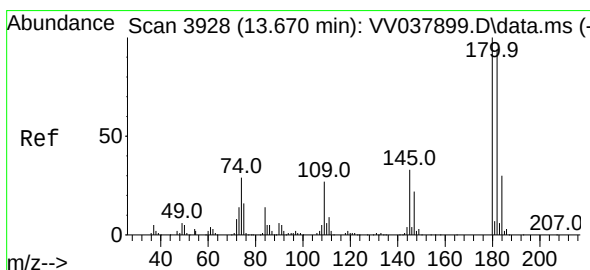
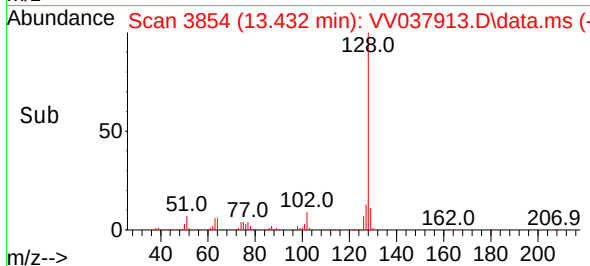
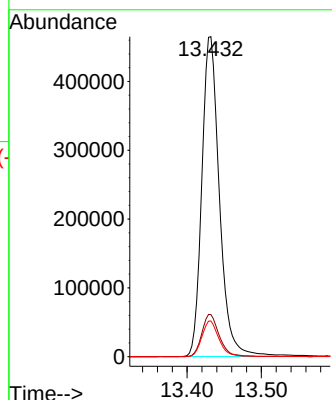
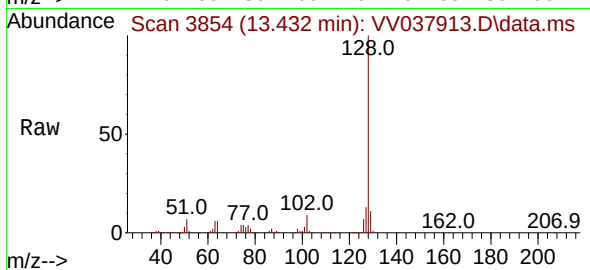
Tgt Ion:128 Resp: 764115

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 55.358 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037913.D

Acq: 23 Oct 2024 10:25

Tgt Ion:180 Resp: 298668

Ion Ratio Lower Upper

180 100

182 93.7 75.8 113.8

145 33.2 26.2 39.4

