

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101424\
 Data File : VV037842.D
 Acq On : 14 Oct 2024 09:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 15 02:15:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 06:04:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	631928	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	616213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	340817	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	194078	34.986	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.980%
7) Chloroethane-d5	1.532	69	175243	40.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.056	65	88883	38.351	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.700%
21) 2-Butanone-d5	3.793	46	173782	87.953	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.950%
24) Chloroform-d	4.239	84	466105	47.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
26) 1,2-Dichloroethane-d4	4.934	65	271228	46.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.900%
32) Benzene-d6	4.950	84	856653	44.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.860%
36) 1,2-Dichloropropane-d6	5.982	67	278618	45.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.760%
41) Toluene-d8	7.233	98	780208	44.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.240%
43) trans-1,3-Dichloroprop...	7.545	79	125458	43.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.960%
47) 2-Hexanone-d5	8.021	63	123457	95.220	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.220%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	352257	49.375	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.740%
66) 1,2-Dichlorobenzene-d4	11.551	152	315935	43.992	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	230784	42.899	ug/L	100
3) Chloromethane	1.220	50	225231	43.125	ug/L	98
5) Vinyl chloride	1.285	62	245256	43.802	ug/L	99
6) Bromomethane	1.487	94	145065	46.685	ug/L	99
8) Chloroethane	1.548	64	155842	45.157	ug/L	98
9) Trichlorofluoromethane	1.712	101	355493	47.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	217913	48.384	ug/L	99
12) 1,1-Dichloroethene	2.069	96	194586	46.252	ug/L	81
13) Acetone	2.111	43	179234	92.535	ug/L	99
14) Carbon disulfide	2.236	76	529537	40.324	ug/L	100
15) Methyl Acetate	2.371	43	172625	51.069	ug/L	99
16) Methylene chloride	2.442	84	222744	46.760	ug/L	98
17) trans-1,2-Dichloroethene	2.686	96	205252	46.117	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	647880	50.738	ug/L	99
19) 1,1-Dichloroethane	3.101	63	417739	48.988	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	238841	47.955	ug/L	99
22) 2-Butanone	3.873	43	201143	93.822	ug/L	98
23) Bromochloromethane	4.137	128	126569	49.128	ug/L	97
25) Chloroform	4.265	83	434156	49.175	ug/L	97

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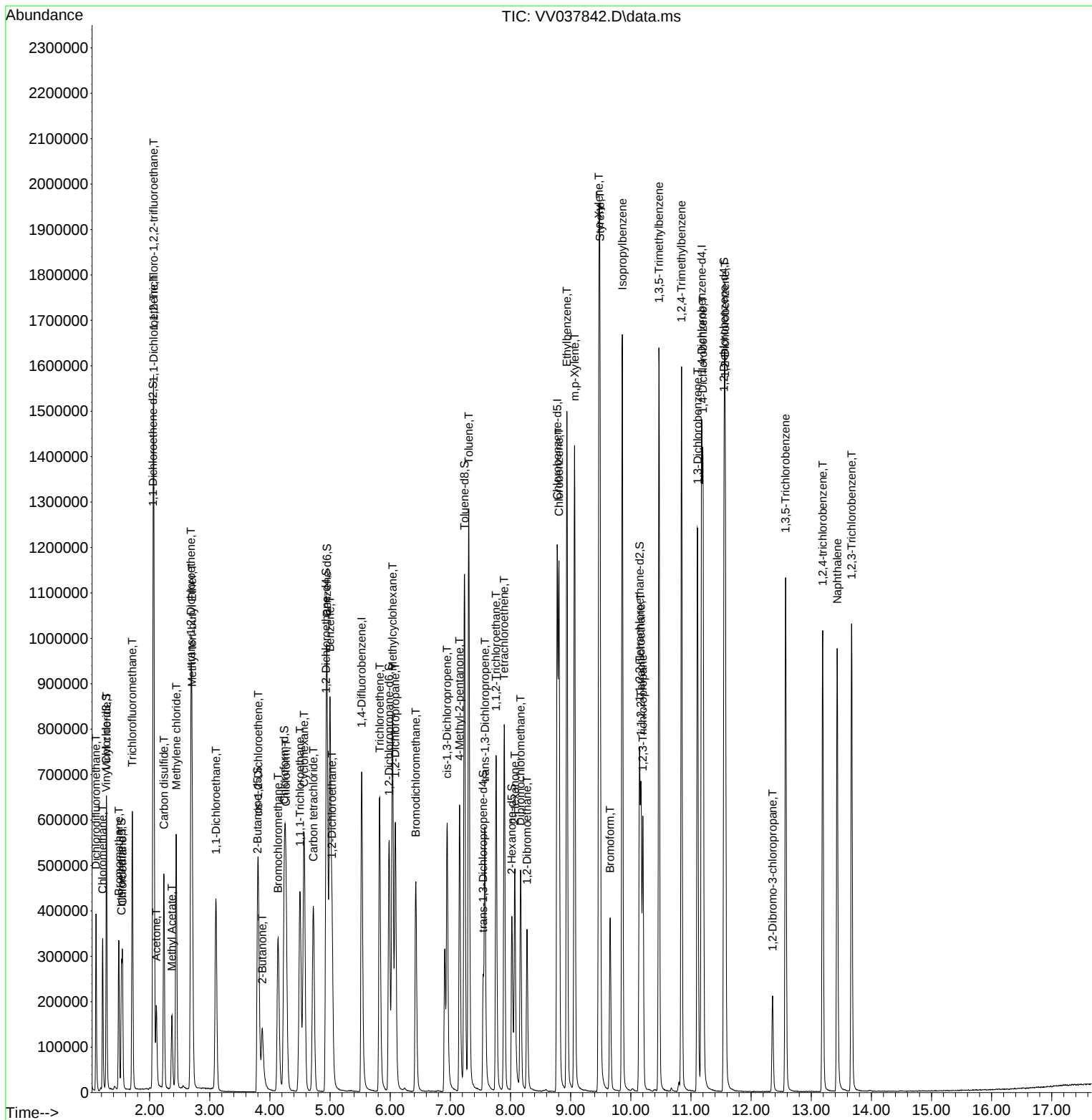
Instrument :
 MSVOA_V
 ClientSampleId :

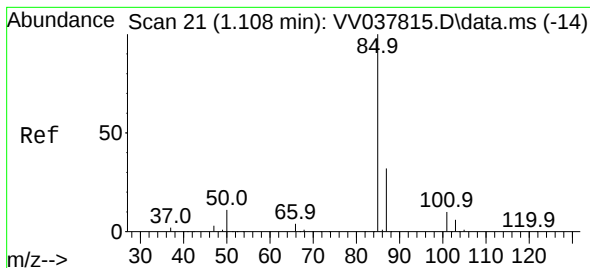
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	312715	50.173	ug/L	98
29) Cyclohexane	4.567	56	302926	43.297	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	371301	48.923	ug/L	99
31) Carbon tetrachloride	4.722	117	320504	48.573	ug/L	99
33) Benzene	4.998	78	900394	48.449	ug/L	100
34) Trichloroethene	5.825	95	233186	47.116	ug/L	99
35) Methylcyclohexane	6.040	83	343433	45.107	ug/L	99
37) 1,2-Dichloropropane	6.085	63	236683	49.319	ug/L	99
38) Bromodichloromethane	6.426	83	322959	50.343	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	376849	49.194	ug/L	98
40) 4-Methyl-2-pentanone	7.152	43	404287	103.468	ug/L	100
42) Toluene	7.307	91	957564	49.702	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	344120	49.896	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	232827	50.527	ug/L	99
46) Tetrachloroethene	7.895	164	180819	47.785	ug/L	96
48) 2-Hexanone	8.072	43	299622	98.615	ug/L	98
49) Dibromochloromethane	8.169	129	253168	51.911	ug/L	99
50) 1,2-Dibromoethane	8.275	107	232481	48.807	ug/L	100
51) Chlorobenzene	8.805	112	626521	47.731	ug/L	98
52) Ethylbenzene	8.937	91	1045545	48.211	ug/L	99
53) m,p-Xylene	9.066	106	401848	49.788	ug/L	100
54) o-Xylene	9.471	106	387130	49.129	ug/L	97
55) Styrene	9.487	104	709593	51.729	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.168	83	321098	49.980	ug/L	99
59) Bromoform	9.657	173	166824	50.081	ug/L	98
60) Isopropylbenzene	9.860	105	1046248	47.218	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	236582	48.783	ug/L	100
62) 1,3,5-Trimethylbenzene	10.467	105	834141	47.616	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	838667	48.116	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	513939	48.188	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	534190	48.101	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	503079	47.715	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	55562	47.197	ug/L	96
69) 1,3,5-Trichlorobenzene	12.573	180	341016	46.496	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	303660	44.624	ug/L	99
71) Naphthalene	13.432	128	793441	44.629	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	312912	46.565	ug/L	100

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

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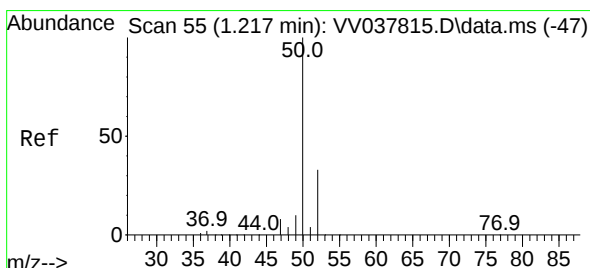
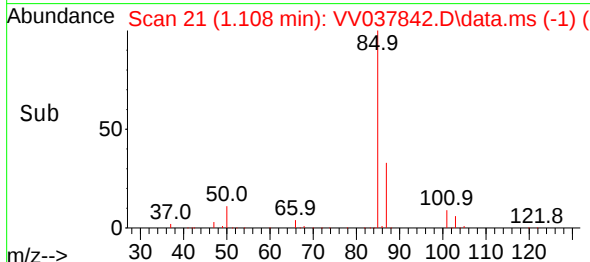
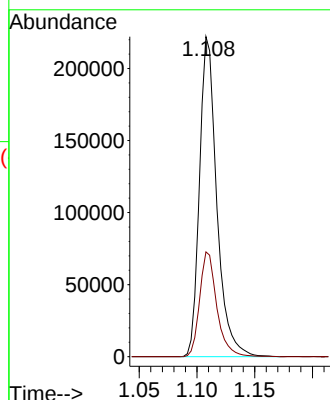
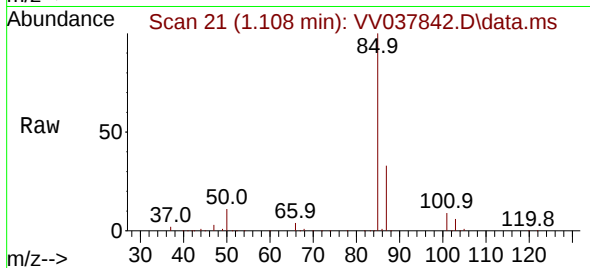




#2
 Dichlorodifluoromethane
 Concen: 42.899 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV037842.D
 Acq: 14 Oct 2024 09:11

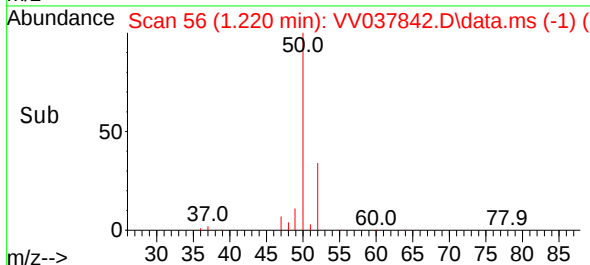
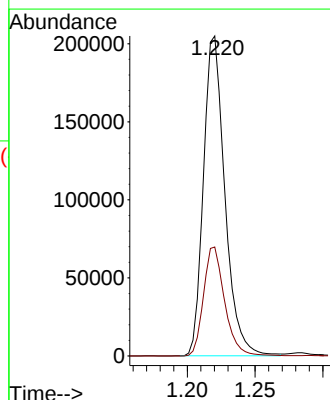
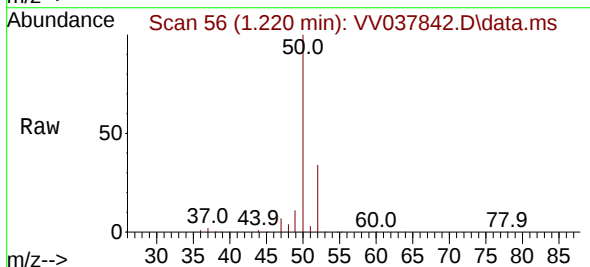
Instrument :
 MSVOA_V
 ClientSampleId :

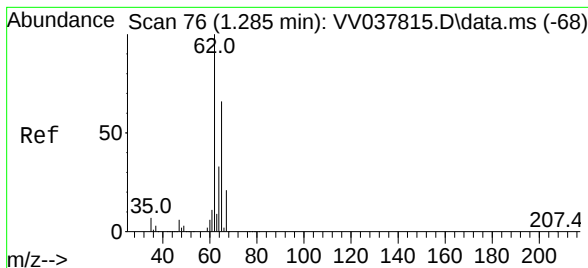
Tgt Ion: 85 Resp: 230784
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 43.125 ug/L
 RT: 1.220 min Scan# 56
 Delta R.T. 0.003 min
 Lab File: VV037842.D
 Acq: 14 Oct 2024 09:11

Tgt Ion: 50 Resp: 225231
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.2 43.2

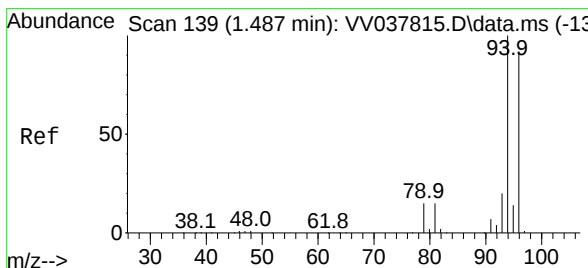
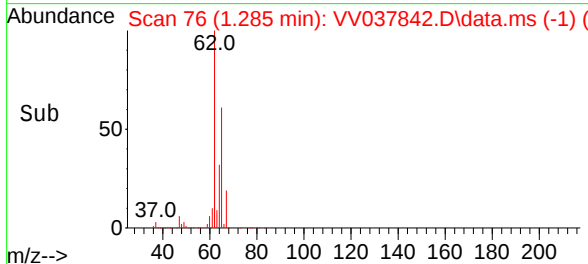
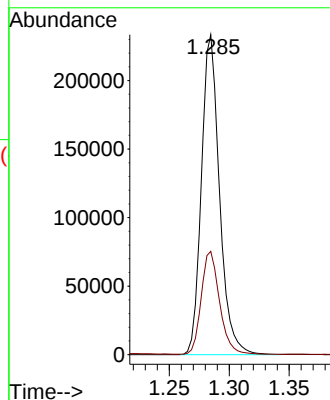
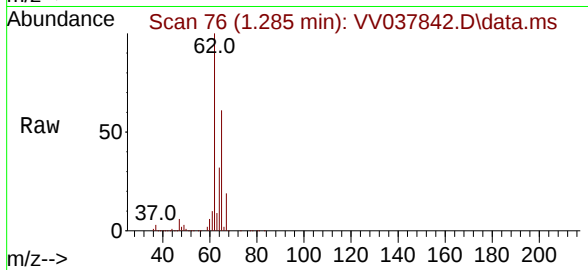




#5
 Vinyl chloride
 Concen: 43.802 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037842.D
 Acq: 14 Oct 2024 09:11

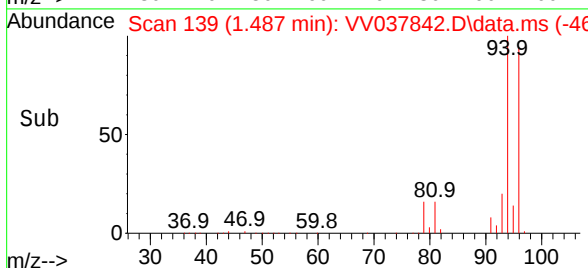
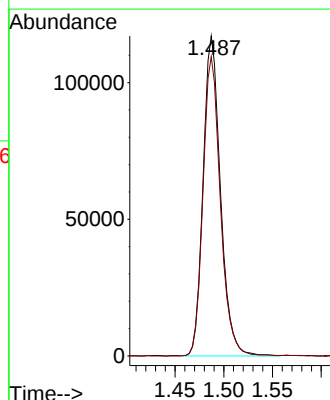
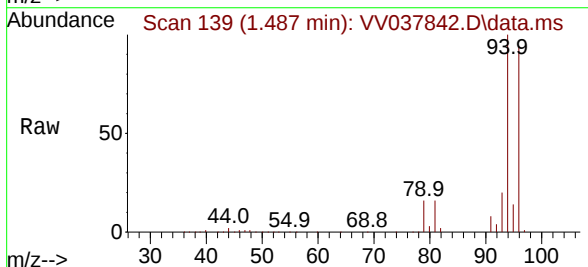
Instrument :
 MSVOA_V
 ClientSampleId :

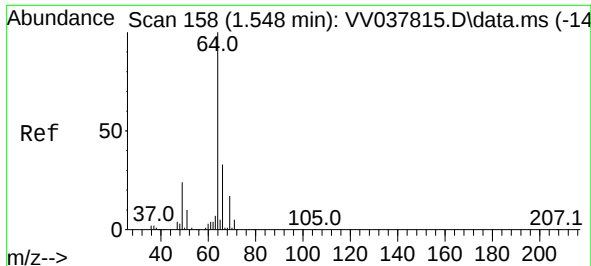
Tgt Ion: 62 Resp: 245256
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.2 43.0



#6
 Bromomethane
 Concen: 46.685 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV037842.D
 Acq: 14 Oct 2024 09:11

Tgt Ion: 94 Resp: 145065
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.8 122.2

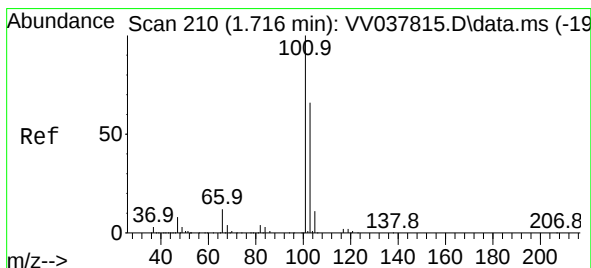
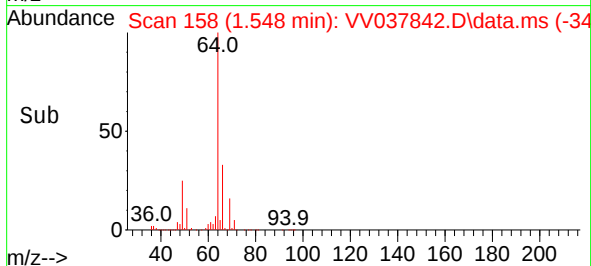
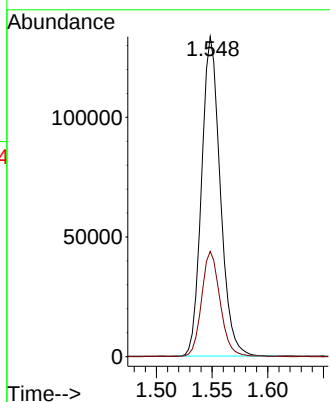
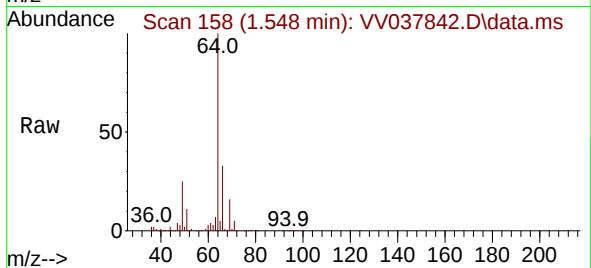




#8
Chloroethane
Concen: 45.157 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

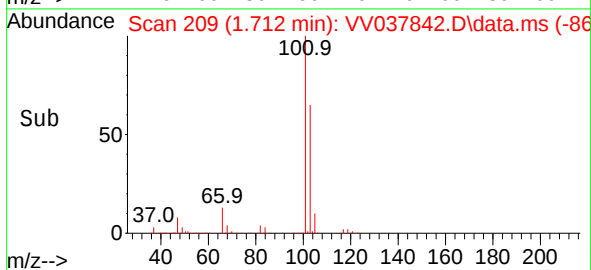
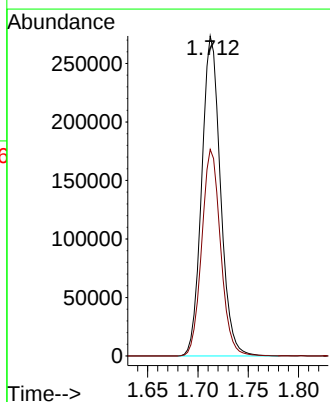
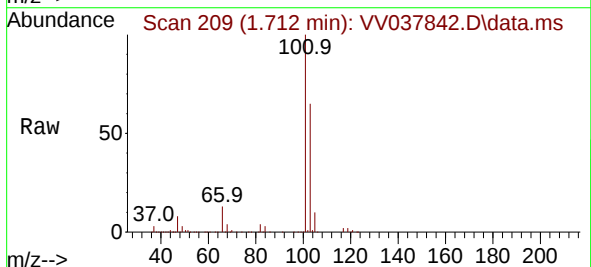
Instrument :
MSVOA_V
ClientSampleId :

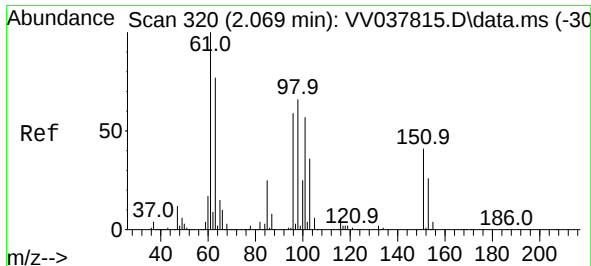
Tgt Ion: 64 Resp: 155842
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 47.167 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Tgt Ion:101 Resp: 355493
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4





#10

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

Concen: 48.384 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

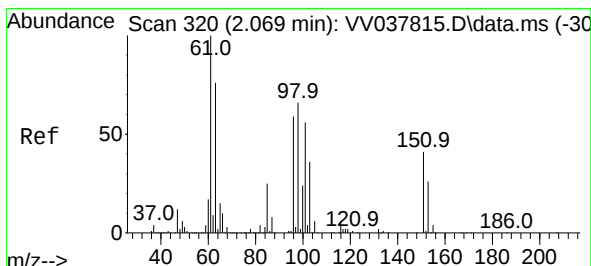
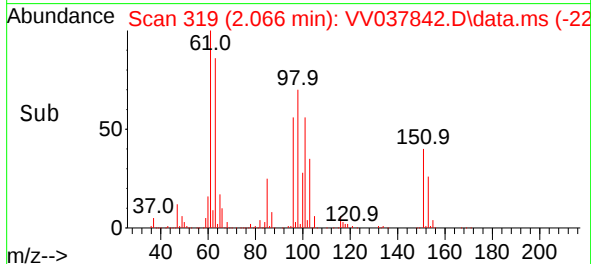
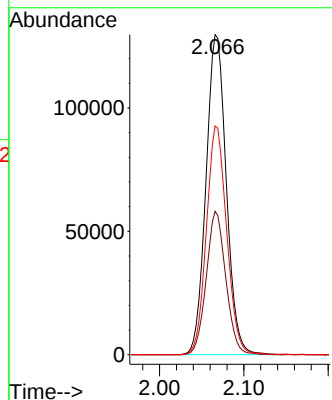
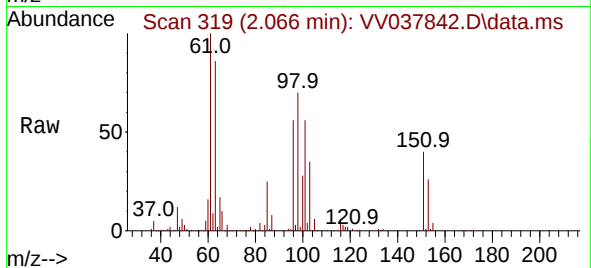
Tgt Ion:101 Resp: 217913

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

151 71.4 57.5 86.3



#12

1,1-Dichloroethene

Concen: 46.252 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

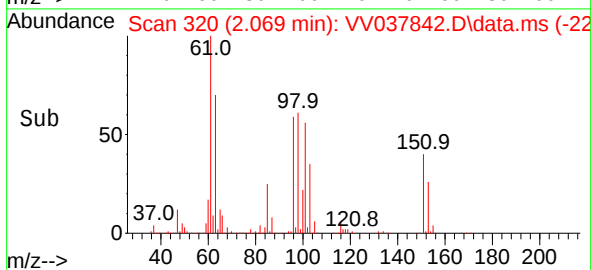
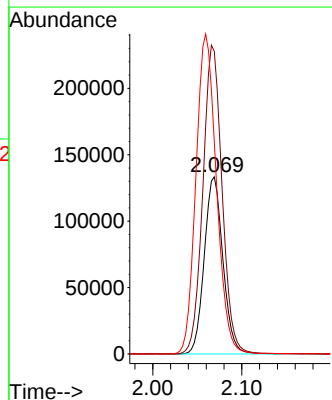
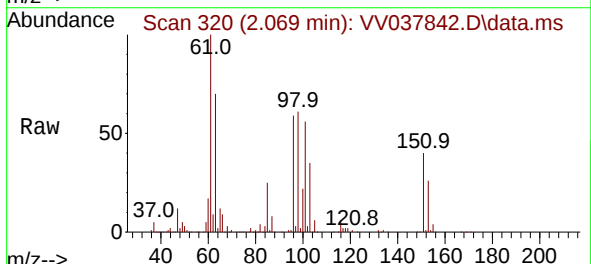
Tgt Ion: 96 Resp: 194586

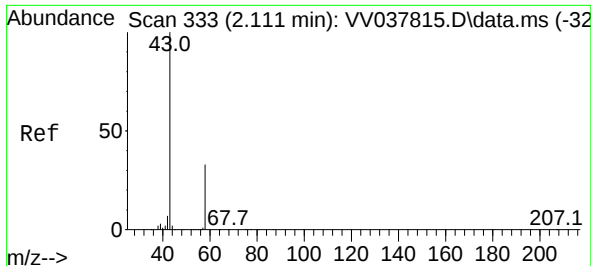
Ion Ratio Lower Upper

96 100

61 170.9 122.6 227.6

63 120.2 118.0 219.2





#13

Acetone

Concen: 92.535 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

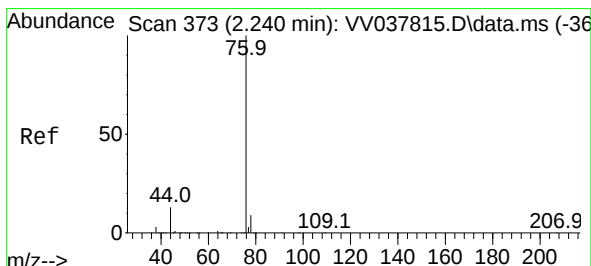
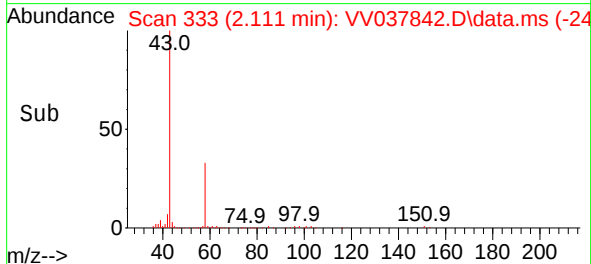
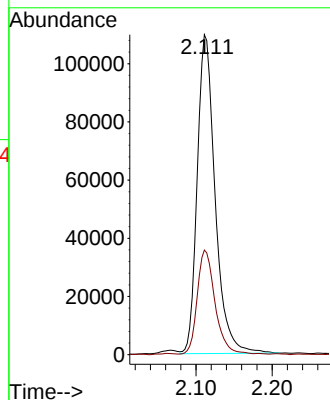
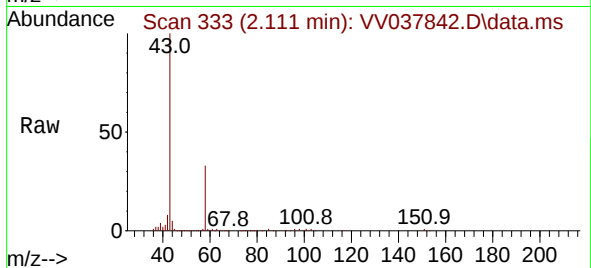
ClientSampleId :

Tgt Ion: 43 Resp: 179234

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.6



#14

Carbon disulfide

Concen: 40.324 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.003 min

Lab File: VV037842.D

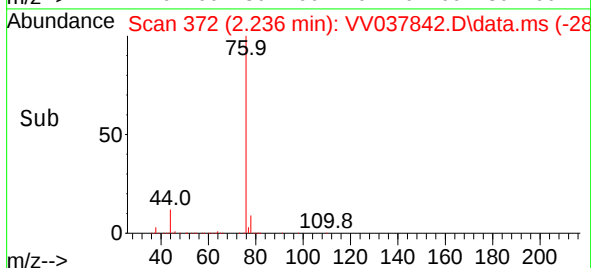
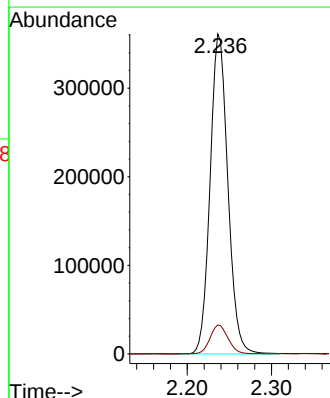
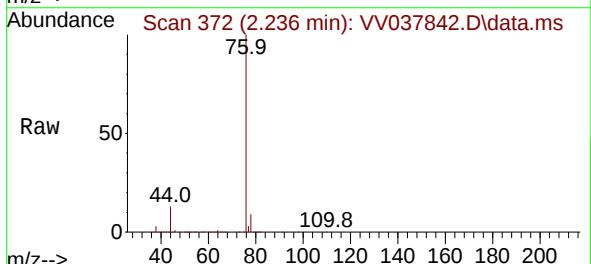
Acq: 14 Oct 2024 09:11

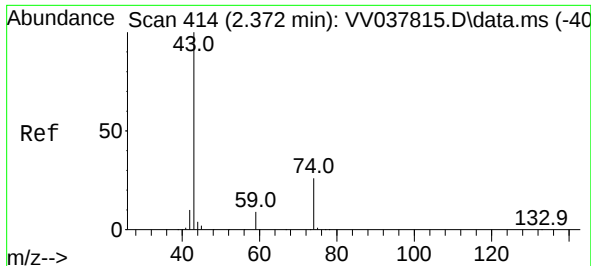
Tgt Ion: 76 Resp: 529537

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 51.069 ug/L

RT: 2.371 min Scan# 414

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

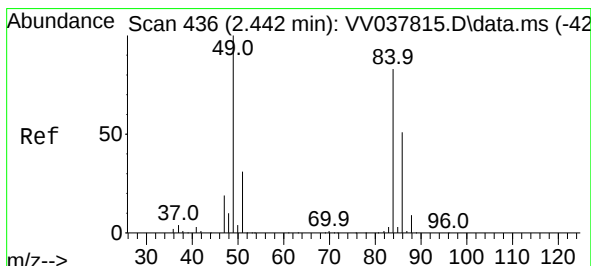
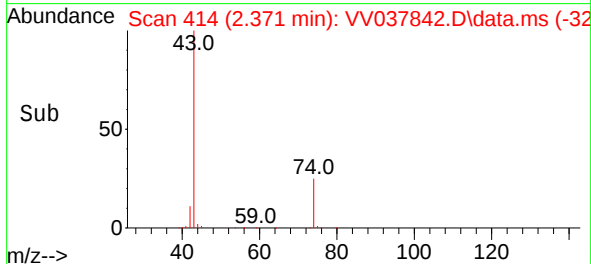
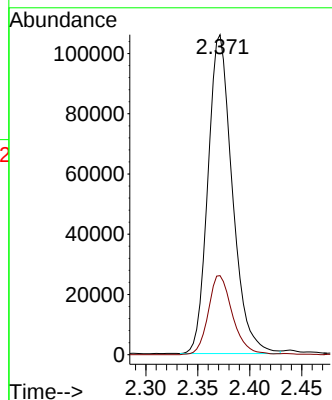
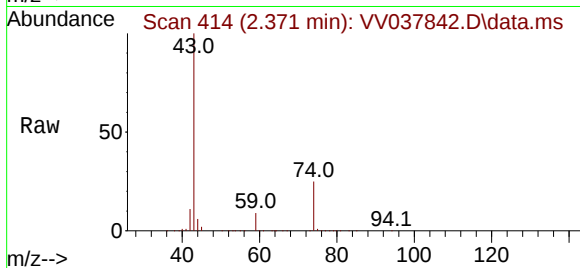
ClientSampleId :

Tgt Ion: 43 Resp: 172625

Ion Ratio Lower Upper

43 100

74 24.6 19.4 29.0



#16

Methylene chloride

Concen: 46.760 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

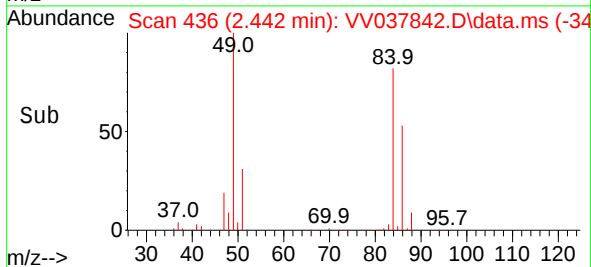
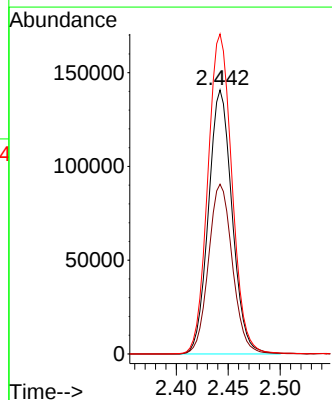
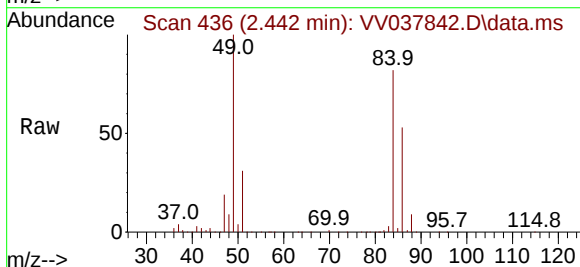
Tgt Ion: 84 Resp: 222744

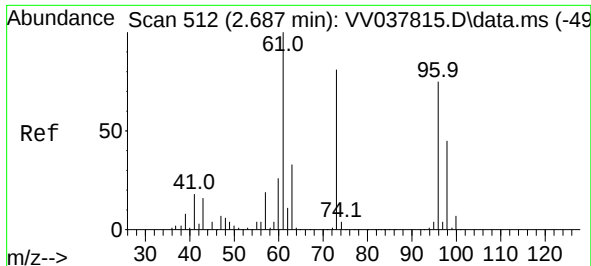
Ion Ratio Lower Upper

84 100

86 64.3 46.4 86.2

49 121.2 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 46.117 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

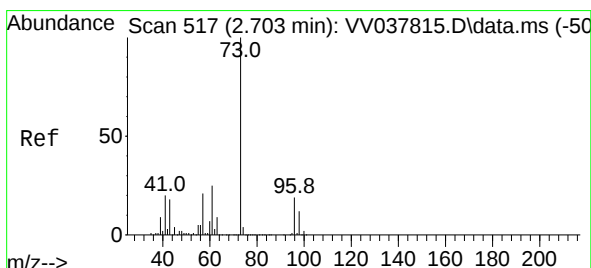
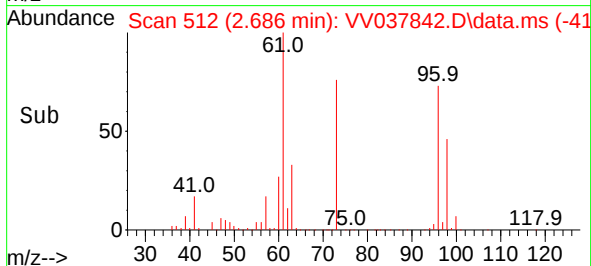
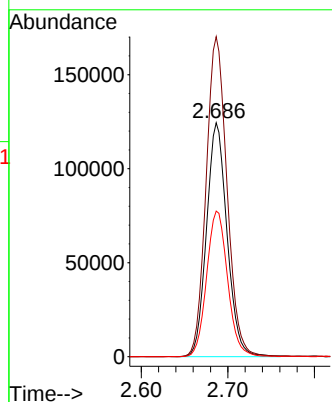
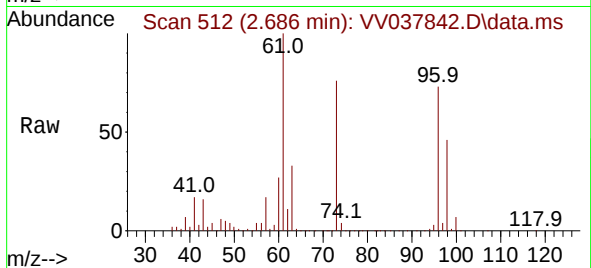
Tgt Ion: 96 Resp: 205252

Ion Ratio Lower Upper

96 100

61 136.8 97.3 180.7

98 62.3 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 50.738 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

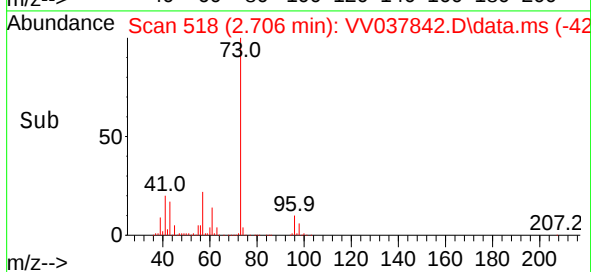
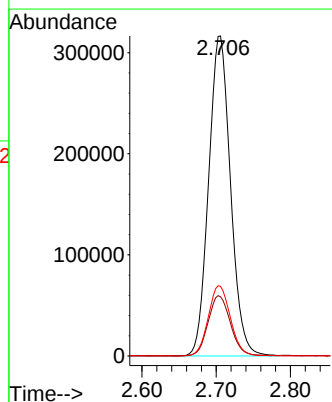
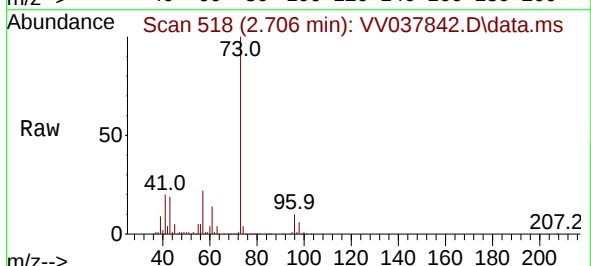
Tgt Ion: 73 Resp: 647880

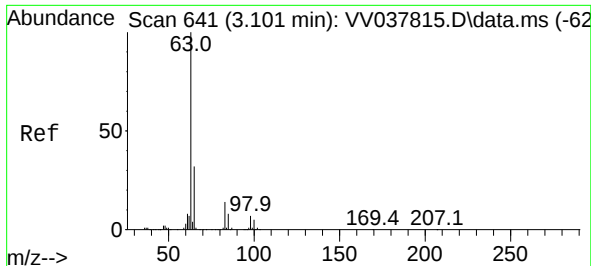
Ion Ratio Lower Upper

73 100

43 19.1 15.1 22.7

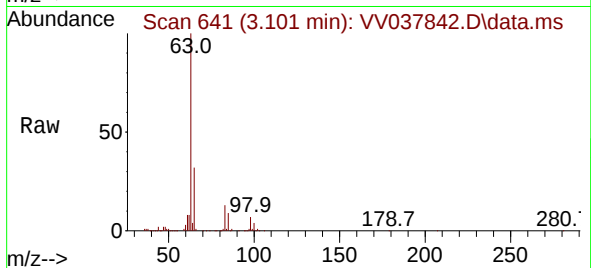
57 22.2 17.4 26.2



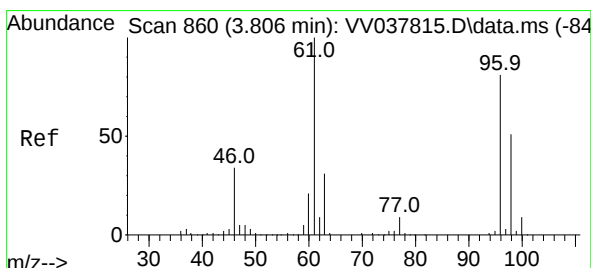
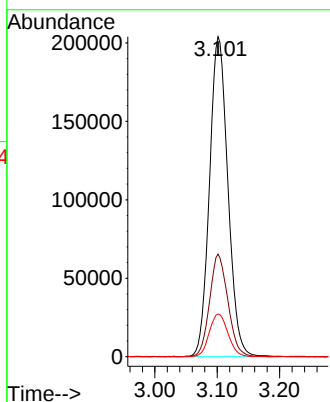
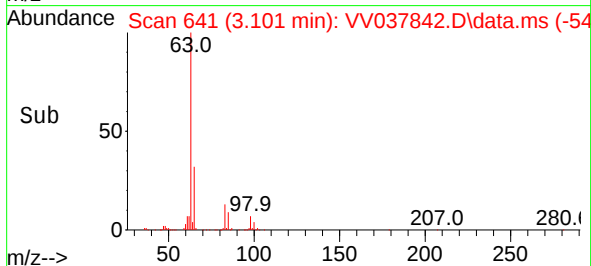


#19
1,1-Dichloroethane
Concen: 48.988 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Instrument :
MSVOA_V
ClientSampleId :

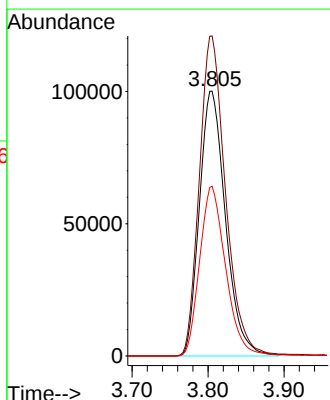
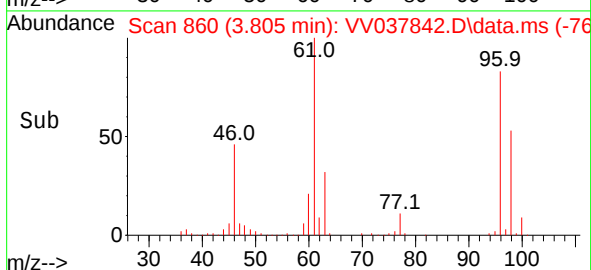
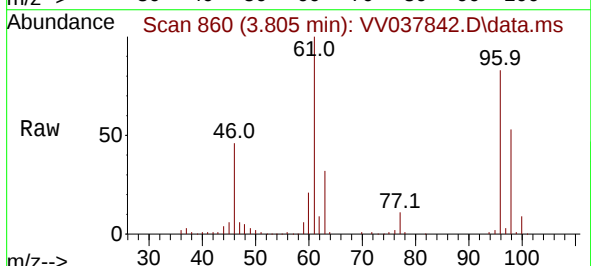


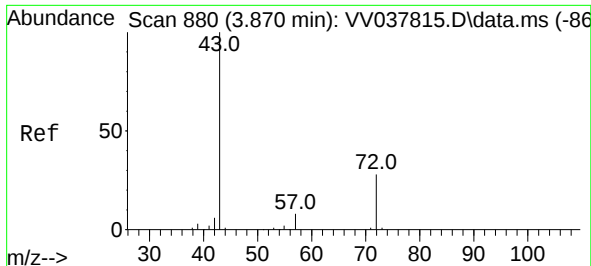
Tgt Ion: 63 Resp: 417739
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 13.4 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 47.955 ug/L
RT: 3.805 min Scan# 860
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Tgt Ion: 96 Resp: 238841
Ion Ratio Lower Upper
96 100
61 120.8 85.0 157.8
98 64.1 44.2 82.0

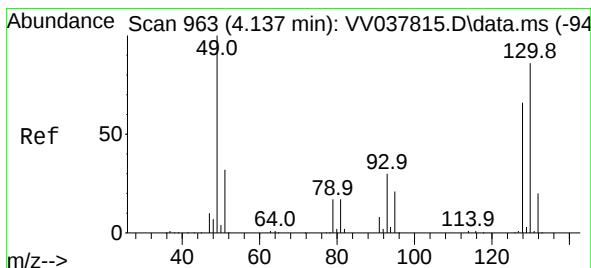
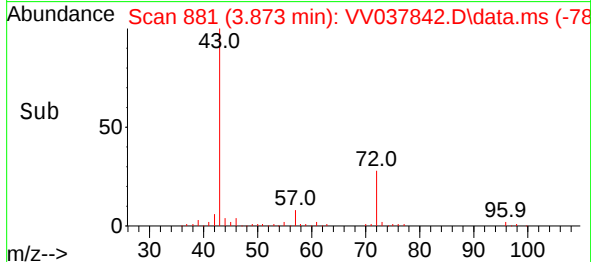
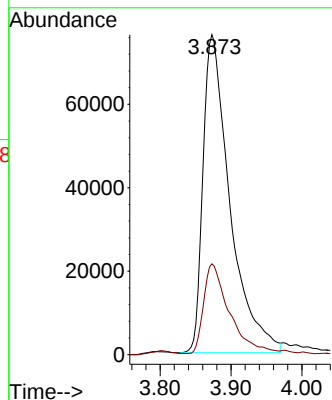
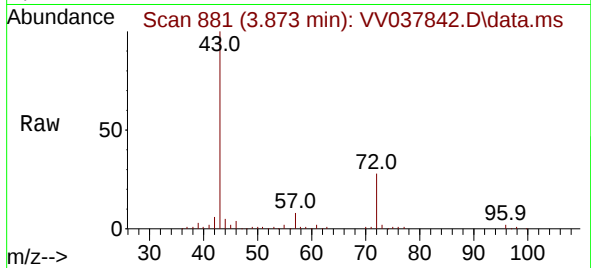




#22
2-Butanone
Concen: 93.822 ug/L
RT: 3.873 min Scan# 880
Delta R.T. 0.003 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

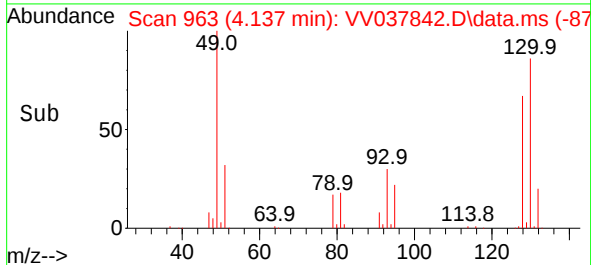
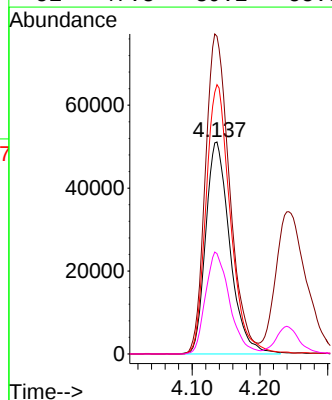
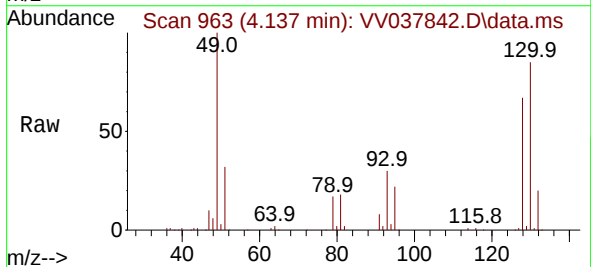
Instrument :
MSVOA_V
ClientSampleId :

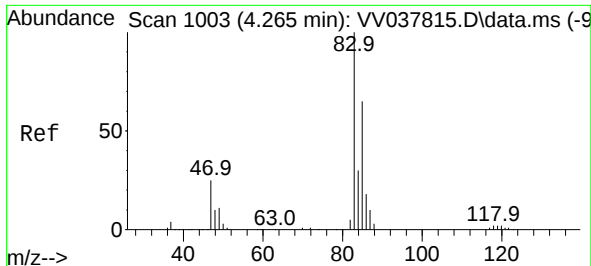
Tgt Ion: 43 Resp: 201143
Ion Ratio Lower Upper
43 100
72 27.4 14.3 42.9



#23
Bromochloromethane
Concen: 49.128 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Tgt Ion:128 Resp: 126569
Ion Ratio Lower Upper
128 100
49 149.7 108.7 201.9
130 127.0 90.4 168.0
51 47.3 39.2 58.8





#25

Chloroform

Concen: 49.175 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

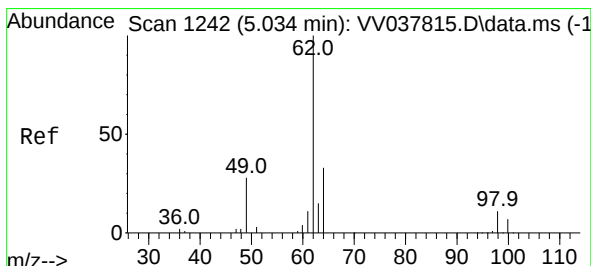
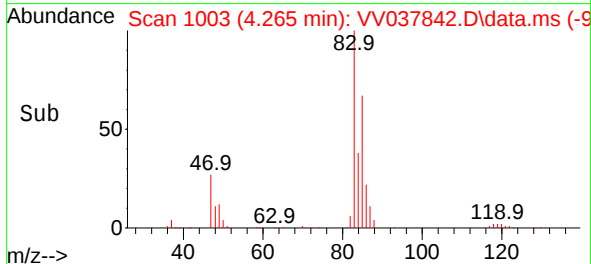
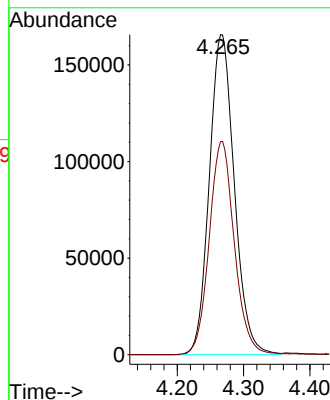
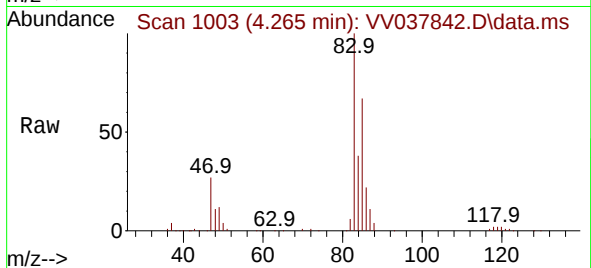
ClientSampleId :

Tgt Ion: 83 Resp: 434156

Ion Ratio Lower Upper

83 100

85 66.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 50.173 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VV037842.D

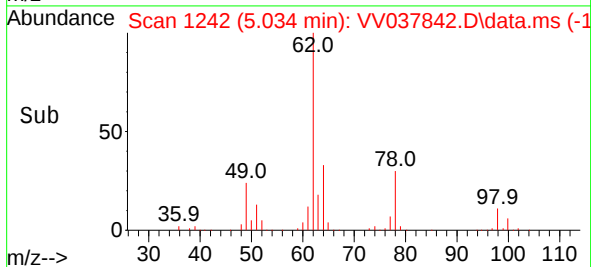
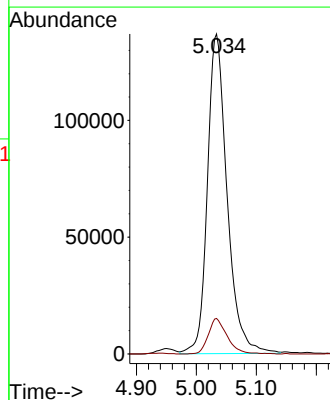
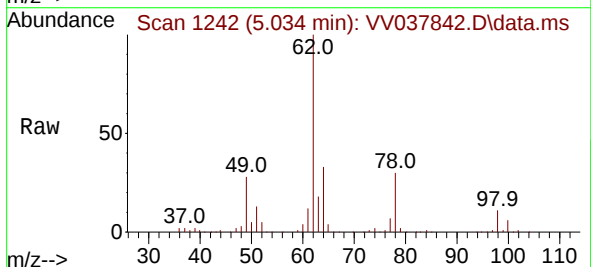
Acq: 14 Oct 2024 09:11

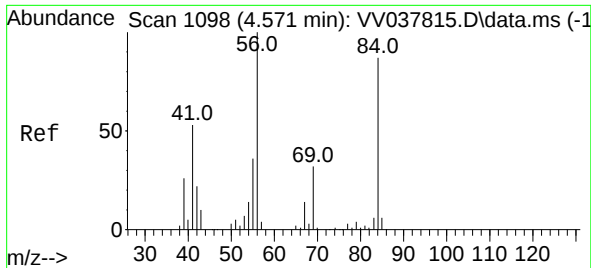
Tgt Ion: 62 Resp: 312715

Ion Ratio Lower Upper

62 100

98 11.1 8.4 12.6





#29

Cyclohexane

Concen: 43.297 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

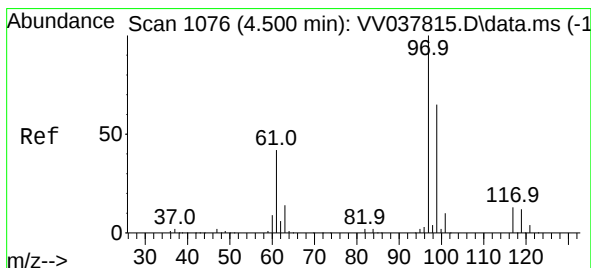
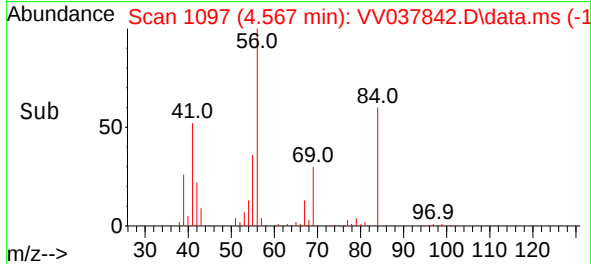
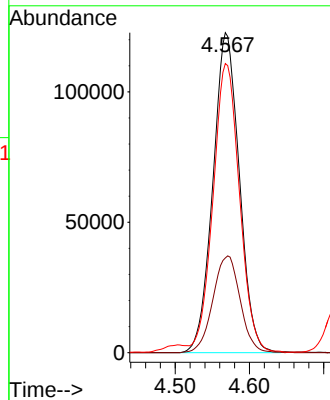
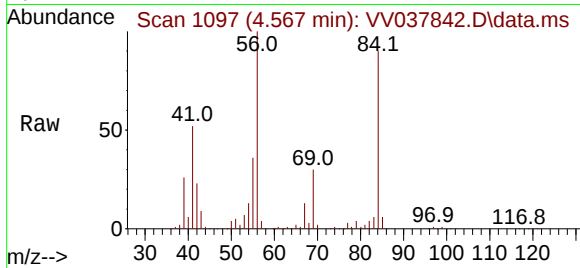
Tgt Ion: 56 Resp: 302926

Ion Ratio Lower Upper

56 100

69 31.2 24.7 37.1

84 90.4 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 48.923 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

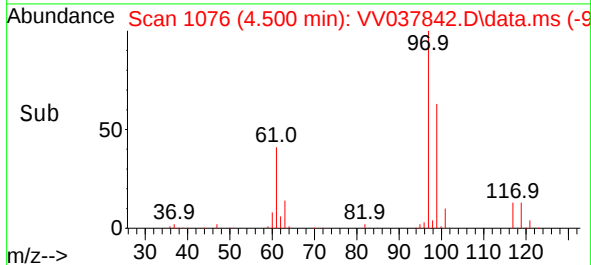
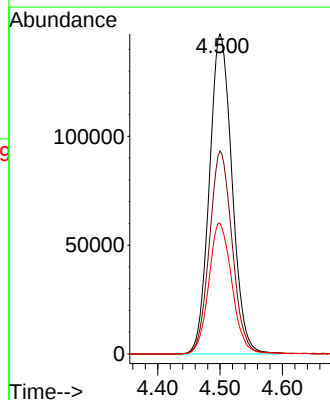
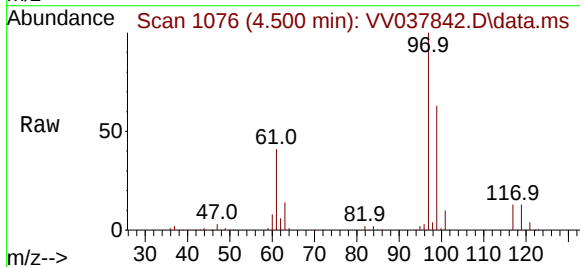
Tgt Ion: 97 Resp: 371301

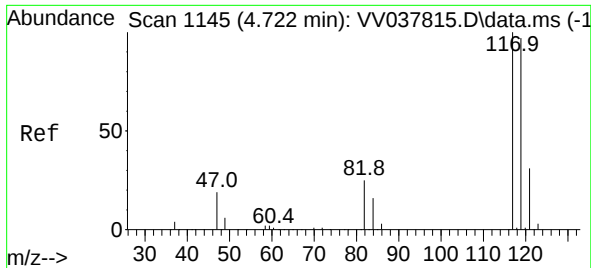
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

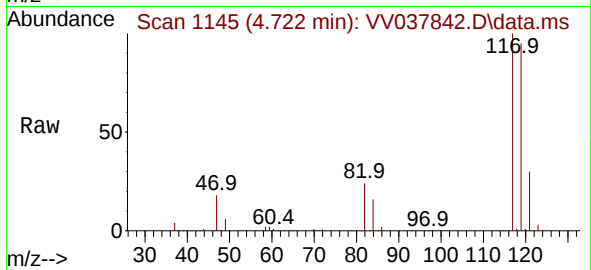
61 42.0 33.6 50.4



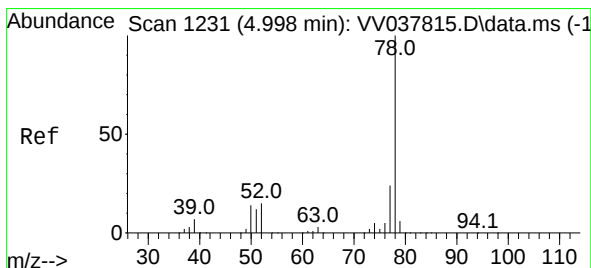
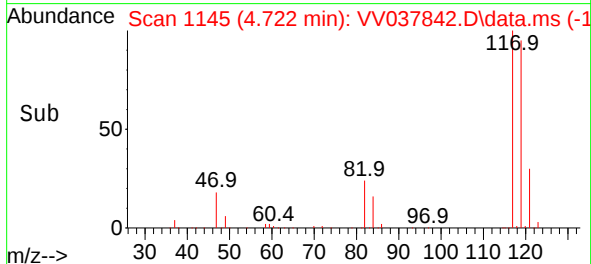
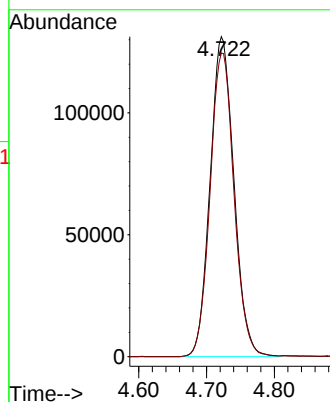


#31
Carbon tetrachloride
Concen: 48.573 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Instrument :
MSVOA_V
ClientSampleId :

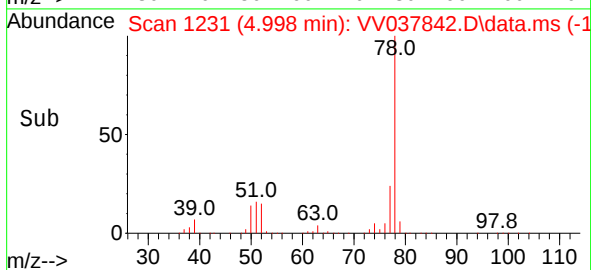
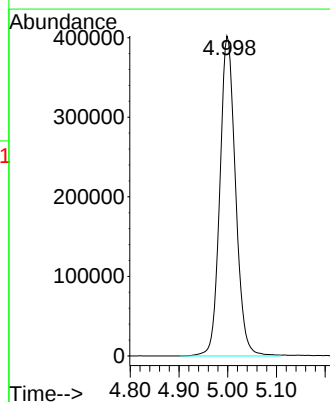
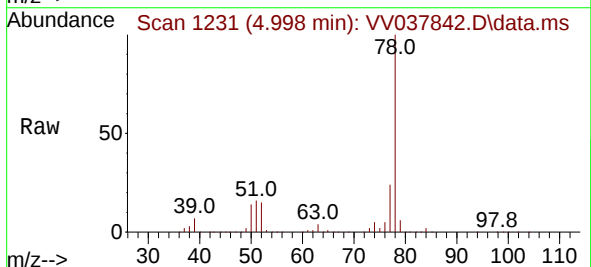


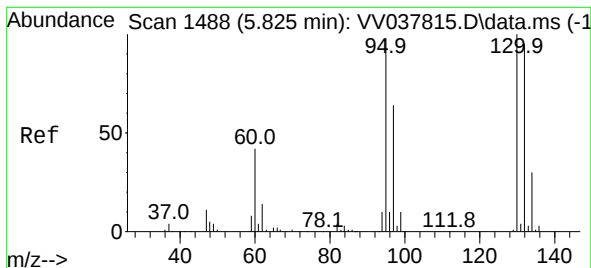
Tgt Ion:117 Resp: 320504
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3



#33
Benzene
Concen: 48.449 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Tgt Ion: 78 Resp: 900394





#34

Trichloroethene

Concen: 47.116 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 233186

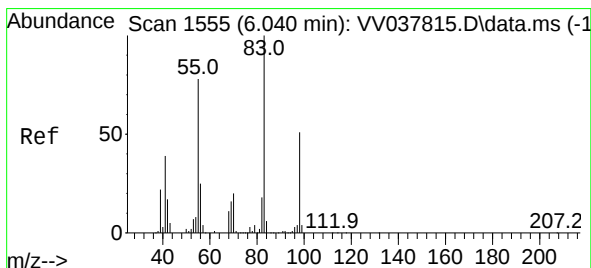
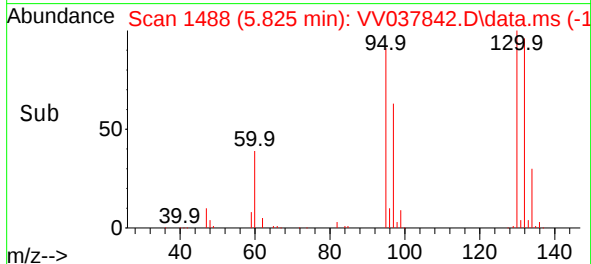
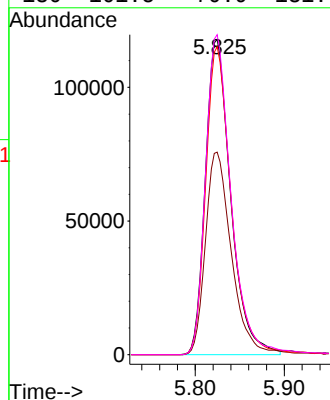
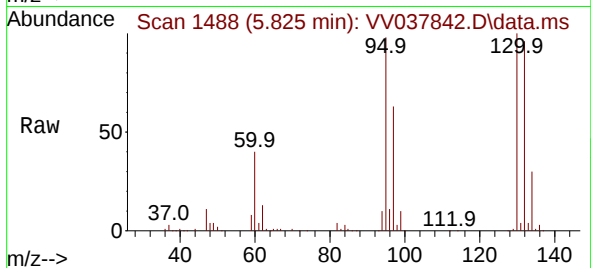
Ion Ratio Lower Upper

95 100

97 64.3 46.3 85.9

132 97.7 68.6 127.4

130 101.5 70.9 131.7



#35

Methylcyclohexane

Concen: 45.107 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

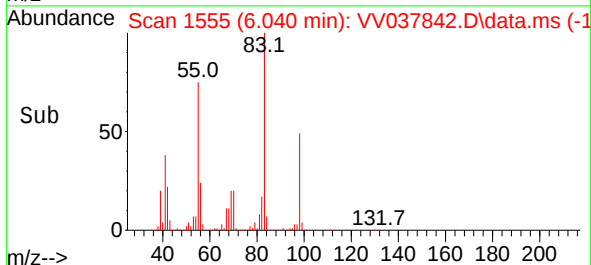
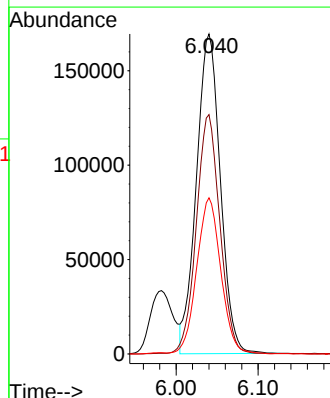
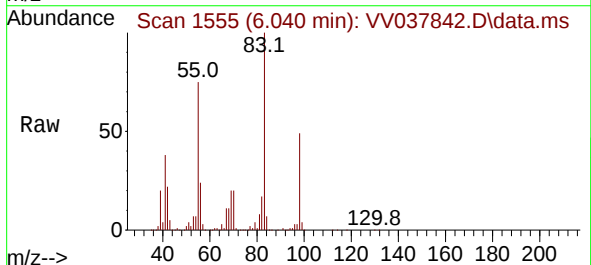
Tgt Ion: 83 Resp: 343433

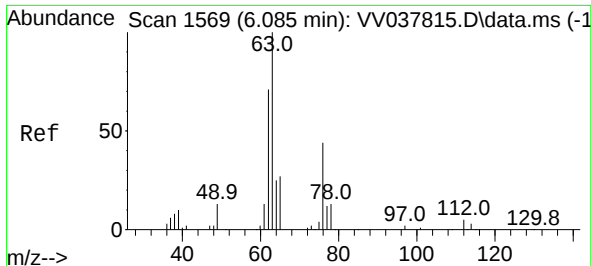
Ion Ratio Lower Upper

83 100

55 73.8 57.9 86.9

98 49.3 39.3 58.9

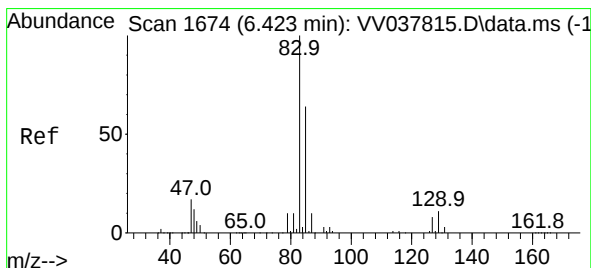
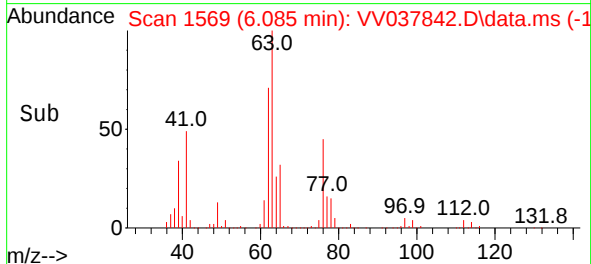
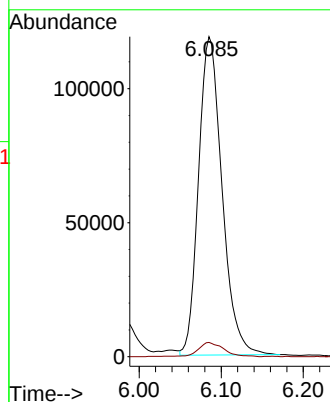
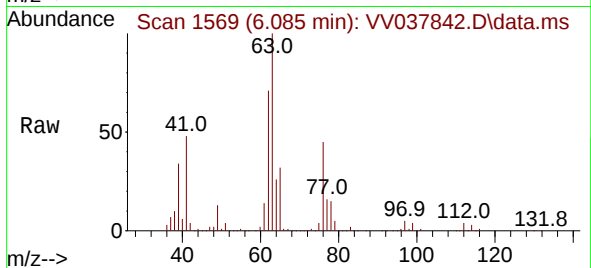




#37
1,2-Dichloropropane
Concen: 49.319 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

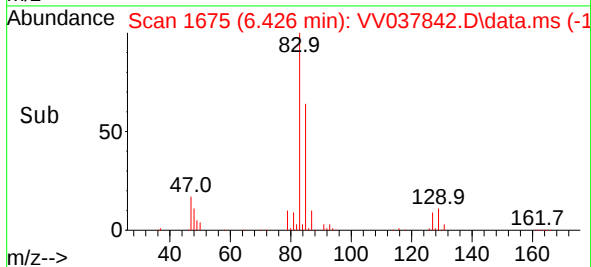
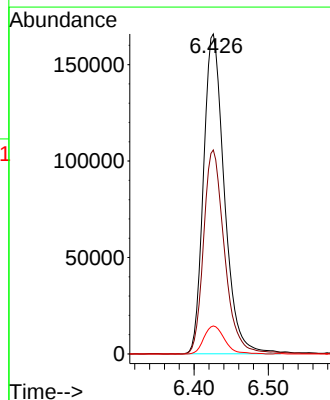
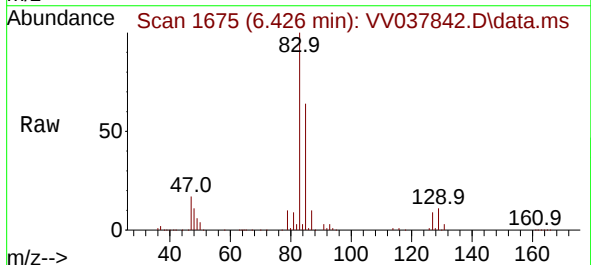
Instrument :
MSVOA_V
ClientSampleId :

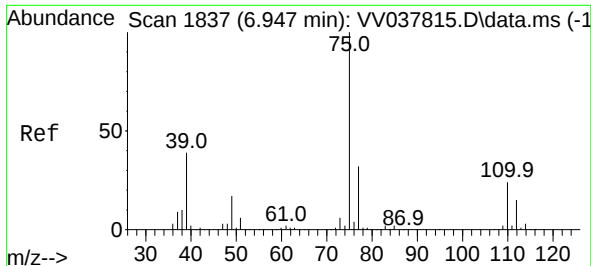
Tgt Ion: 63 Resp: 236683
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3



#38
Bromodichloromethane
Concen: 50.343 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Tgt Ion: 83 Resp: 322959
Ion Ratio Lower Upper
83 100
85 63.7 45.7 84.9
127 8.7 7.0 10.4

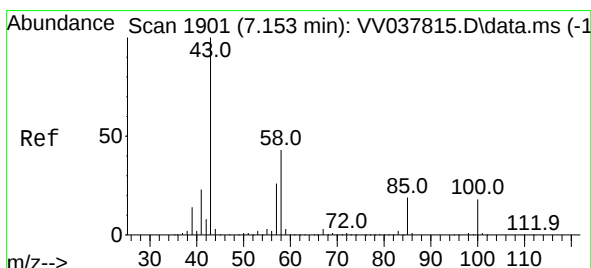
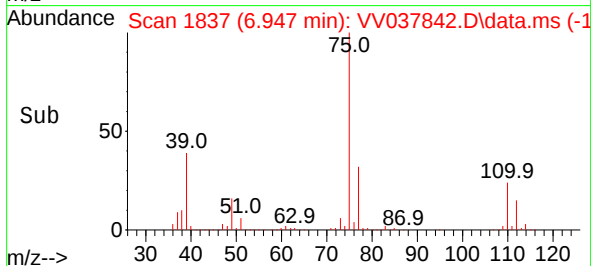
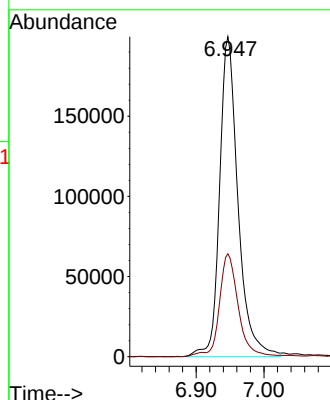
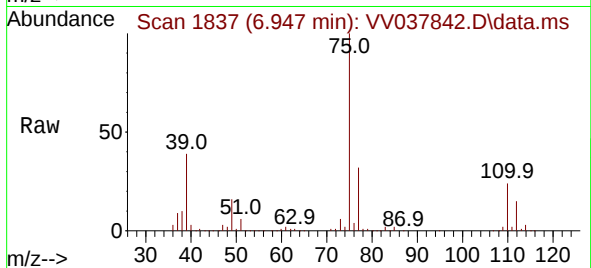




#39
 cis-1,3-Dichloropropene
 Concen: 49.194 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV037842.D
 Acq: 14 Oct 2024 09:11

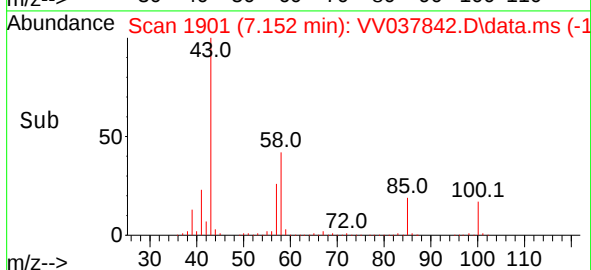
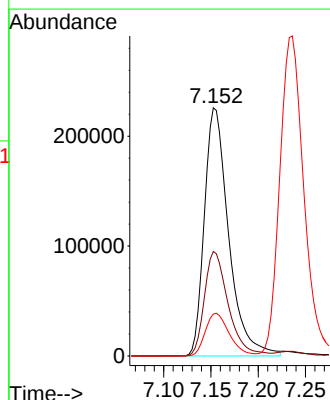
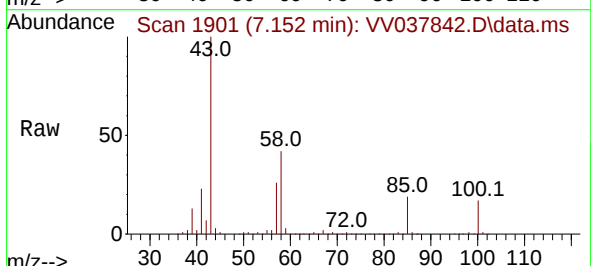
Instrument :
 MSVOA_V
 ClientSampleId :

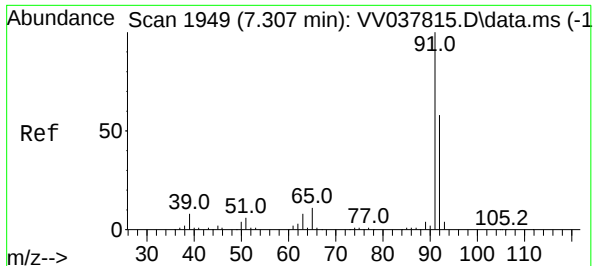
Tgt Ion: 75 Resp: 376849
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 103.468 ug/L
 RT: 7.152 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VV037842.D
 Acq: 14 Oct 2024 09:11

Tgt Ion: 43 Resp: 404287
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.0 49.4
 100 17.0 13.7 20.5





#42

Toluene

Concen: 49.702 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

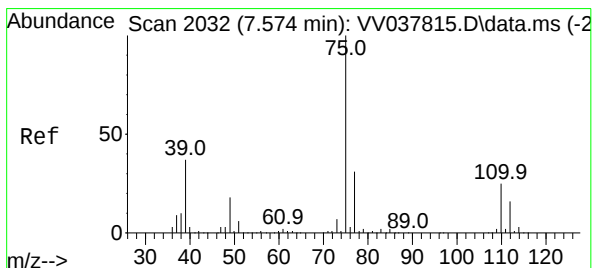
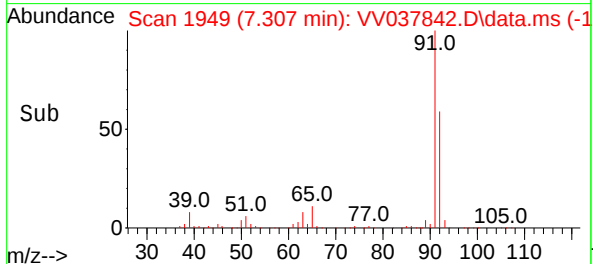
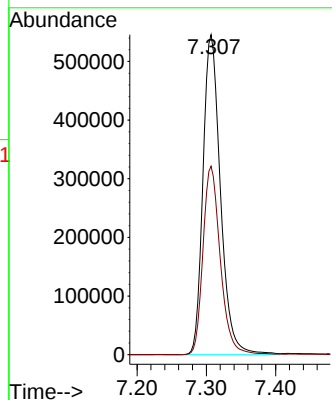
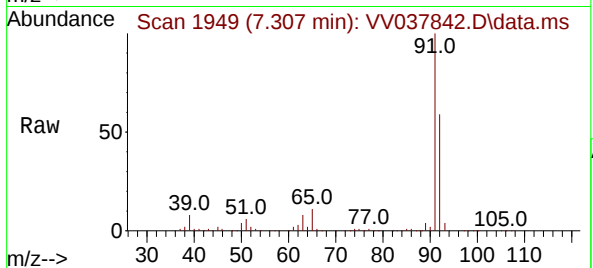
ClientSampleId :

Tgt Ion: 91 Resp: 957564

Ion Ratio Lower Upper

91 100

92 58.9 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 49.896 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VV037842.D

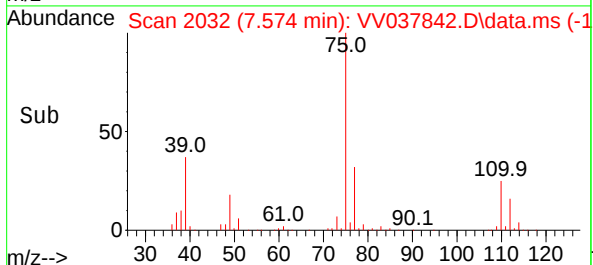
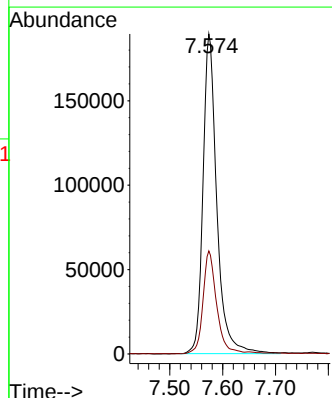
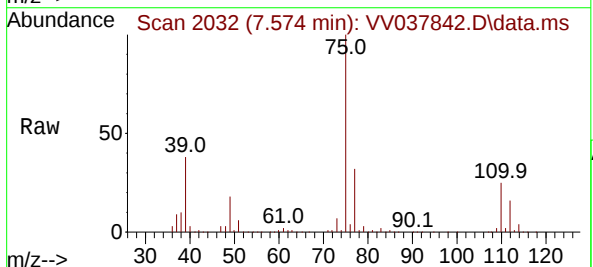
Acq: 14 Oct 2024 09:11

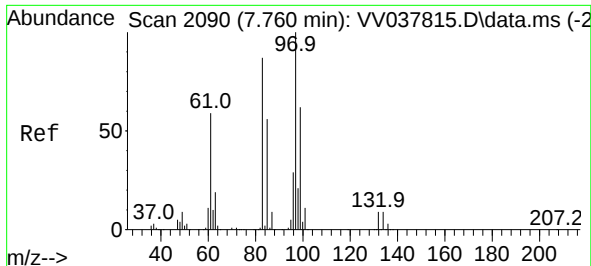
Tgt Ion: 75 Resp: 344120

Ion Ratio Lower Upper

75 100

77 32.2 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 50.527 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 232827

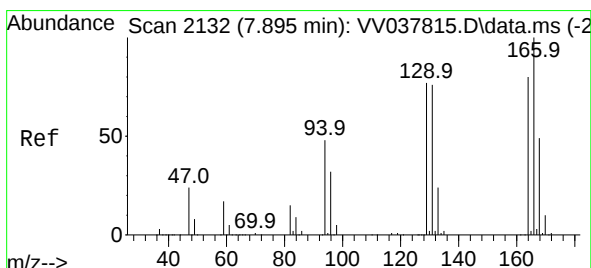
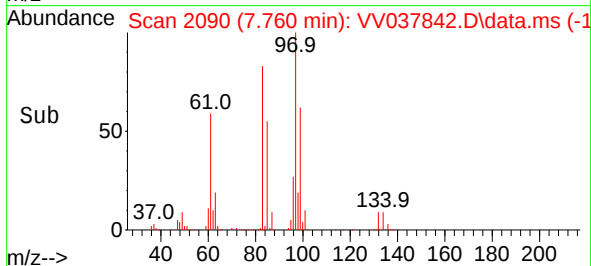
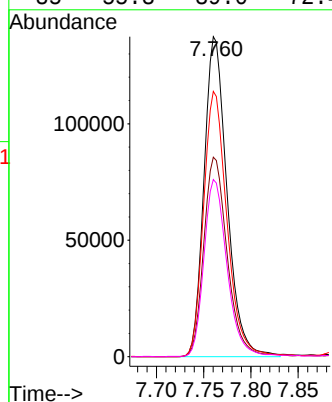
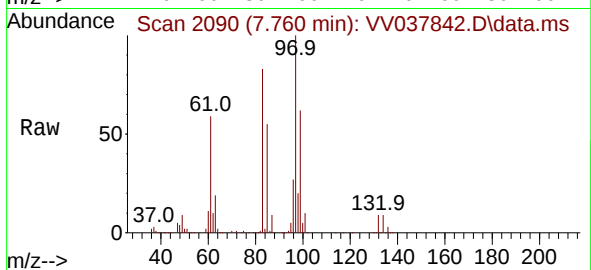
Ion Ratio Lower Upper

97 100

99 62.3 44.1 81.9

83 82.9 59.3 110.1

85 55.3 39.0 72.4



#46

Tetrachloroethene

Concen: 47.785 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Tgt Ion: 164 Resp: 180819

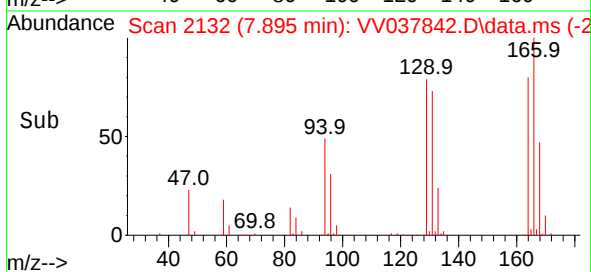
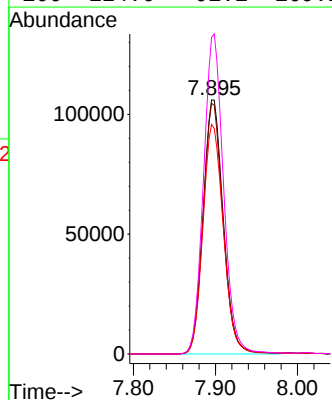
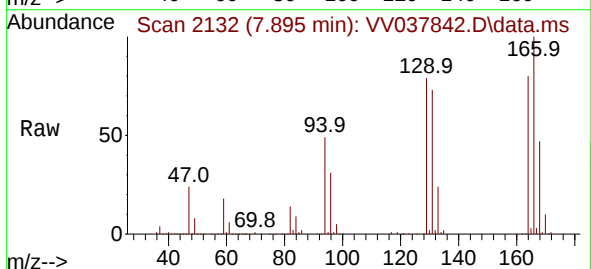
Ion Ratio Lower Upper

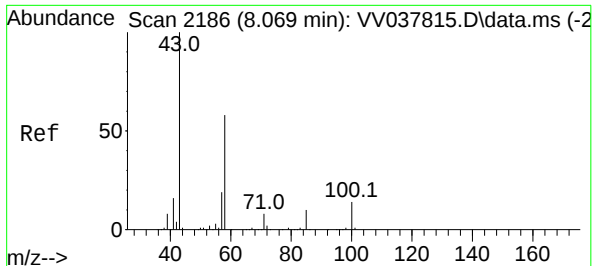
164 100

129 98.7 68.2 126.6

131 90.4 66.1 122.8

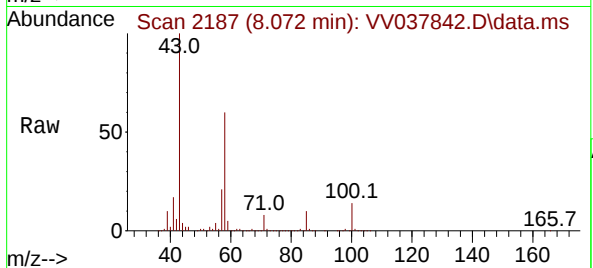
166 124.6 91.1 169.1





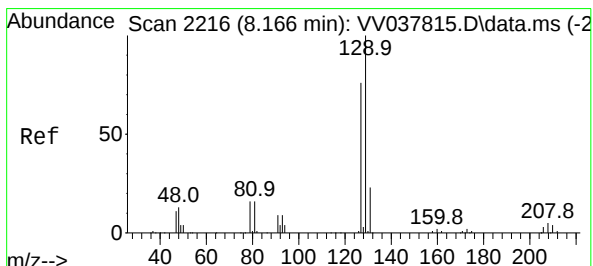
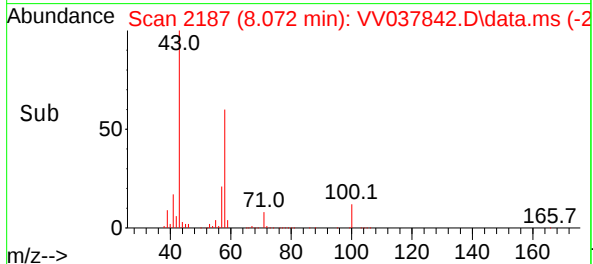
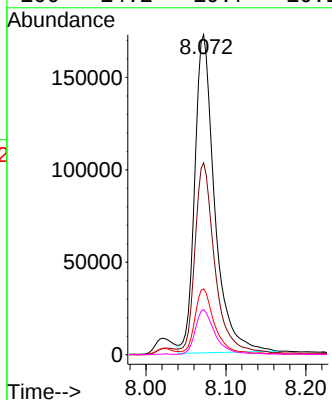
#48
2-Hexanone
Concen: 98.615 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 299622

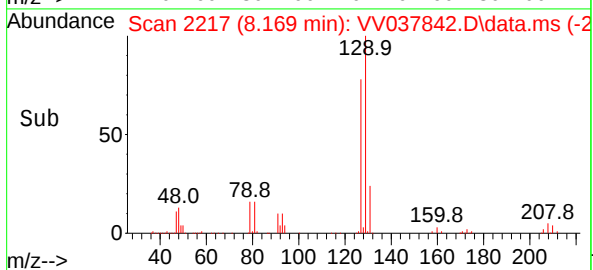
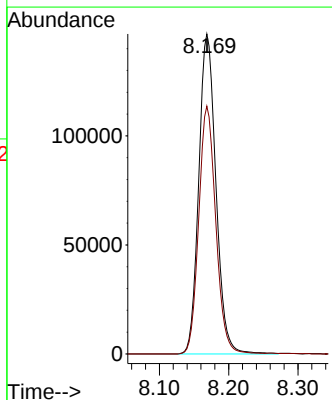
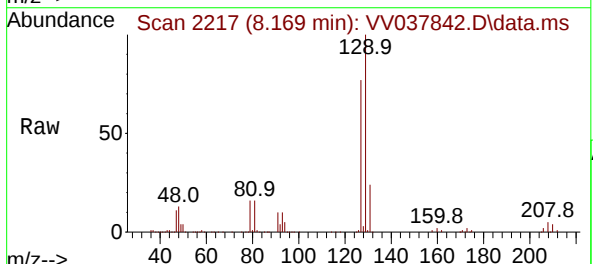
Ion	Ratio	Lower	Upper
43	100		
58	59.4	46.5	69.7
57	20.1	15.1	22.7
100	14.2	10.7	16.1

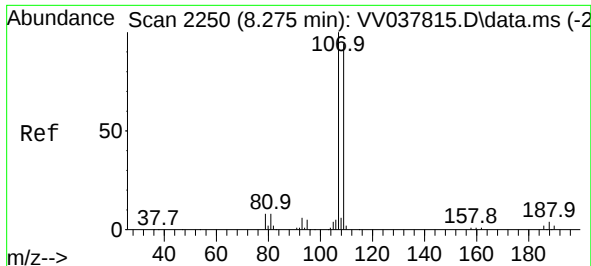


#49
Dibromochloromethane
Concen: 51.911 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Tgt Ion: 129 Resp: 253168

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.9	101.9

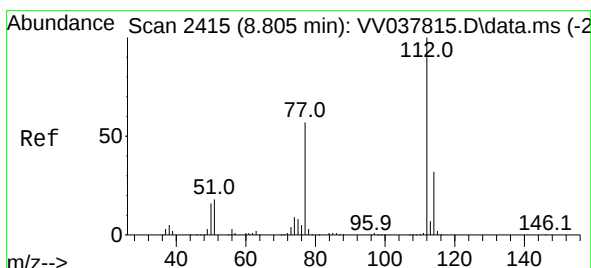
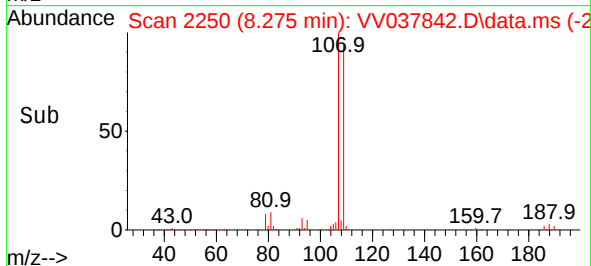
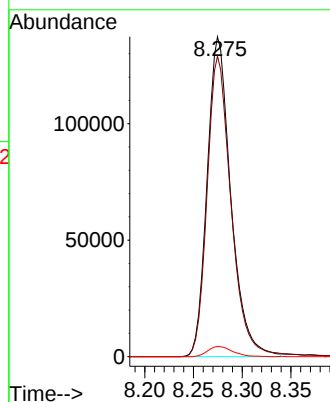
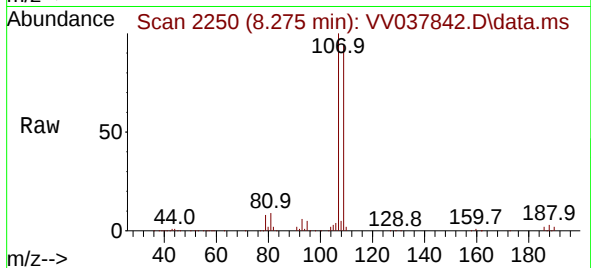




#50
1,2-Dibromoethane
Concen: 48.807 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

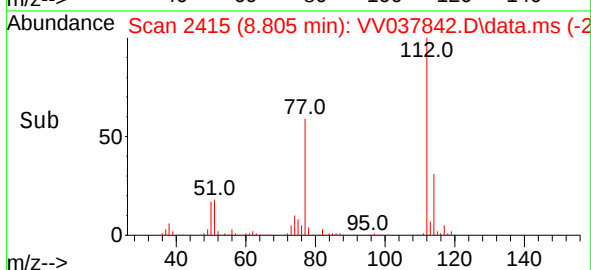
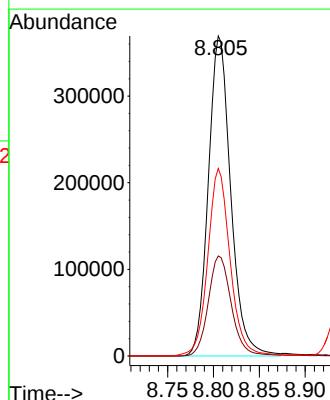
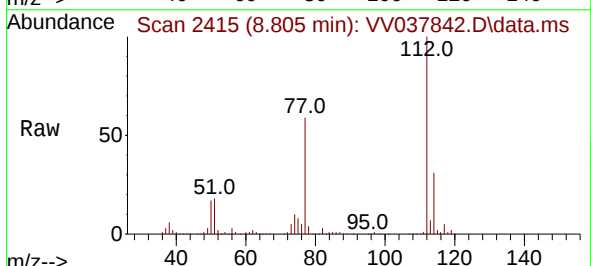
Instrument :
MSVOA_V
ClientSampleId :

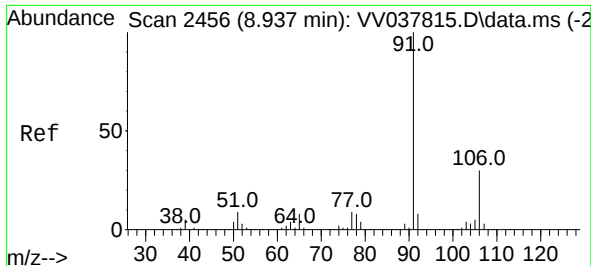
Tgt Ion:107 Resp: 232481
Ion Ratio Lower Upper
107 100
109 94.0 65.7 121.9
188 3.3 2.8 4.2



#51
Chlorobenzene
Concen: 47.731 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Tgt Ion:112 Resp: 626521
Ion Ratio Lower Upper
112 100
114 31.3 22.5 41.7
77 58.6 45.8 68.8





#52

Ethylbenzene

Concen: 48.211 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

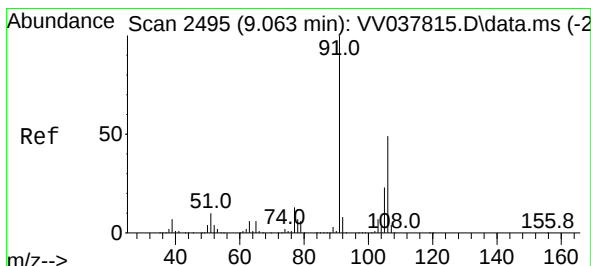
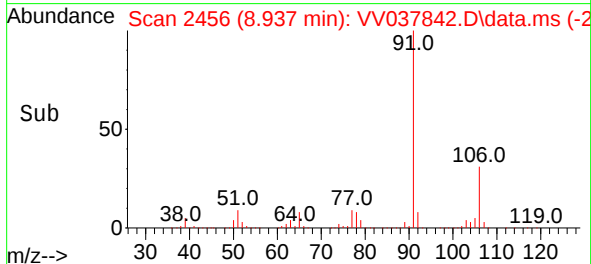
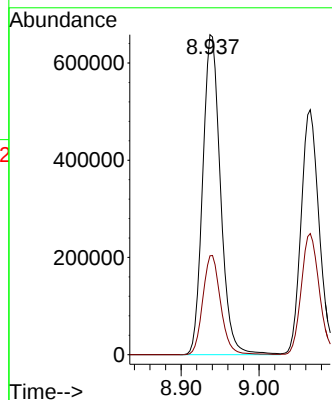
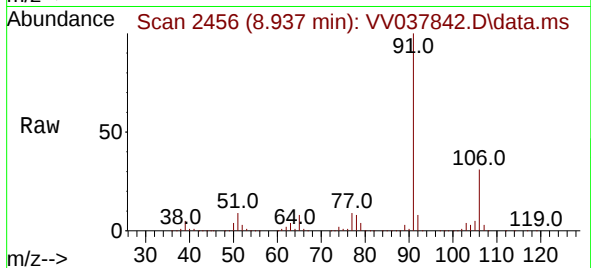
ClientSampleId :

Tgt Ion: 91 Resp: 1045545

Ion Ratio Lower Upper

91 100

106 30.9 21.9 40.7



#53

m,p-Xylene

Concen: 49.788 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV037842.D

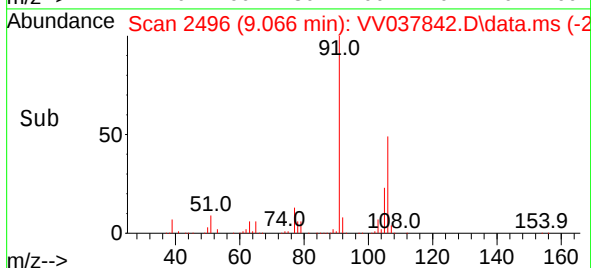
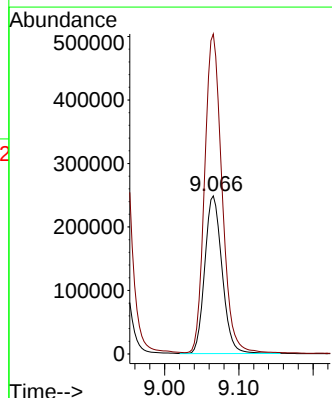
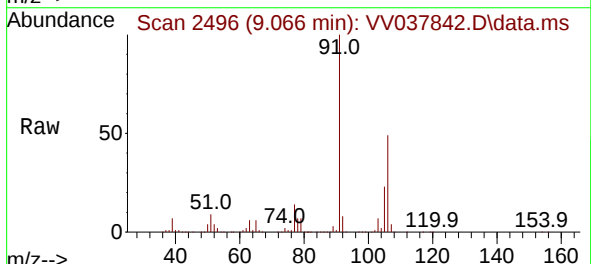
Acq: 14 Oct 2024 09:11

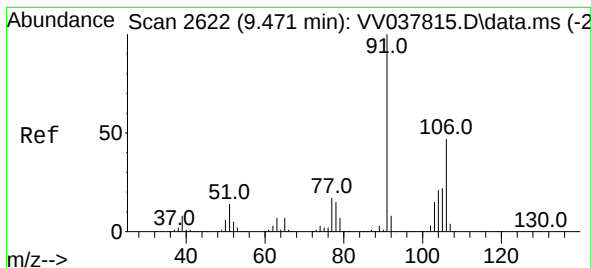
Tgt Ion:106 Resp: 401848

Ion Ratio Lower Upper

106 100

91 202.4 142.0 263.6





#54

o-Xylene

Concen: 49.129 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

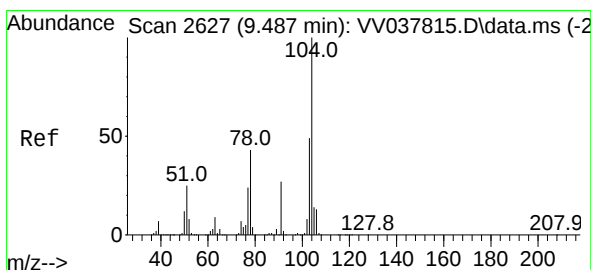
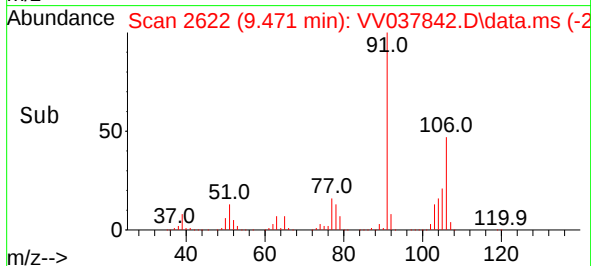
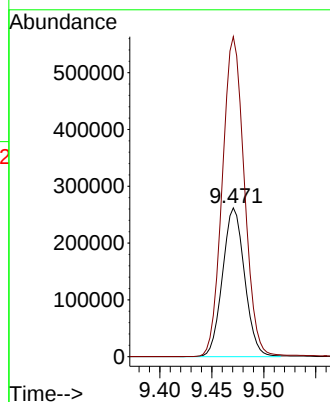
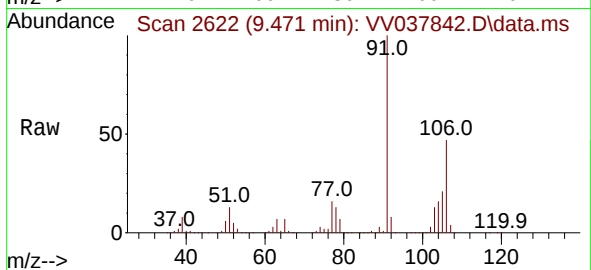
ClientSampleId :

Tgt Ion:106 Resp: 387130

Ion Ratio Lower Upper

106 100

91 215.0 153.9 285.9



#55

Styrene

Concen: 51.729 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. -0.000 min

Lab File: VV037842.D

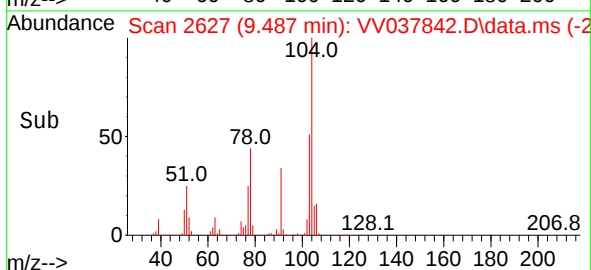
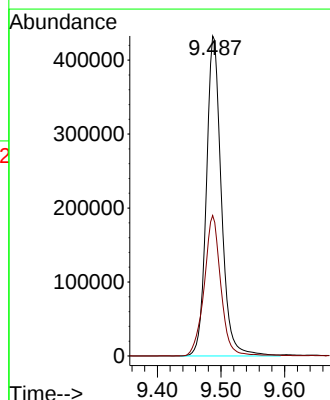
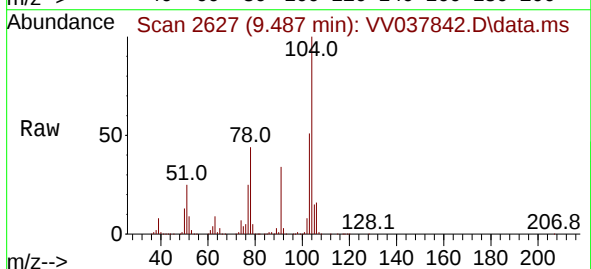
Acq: 14 Oct 2024 09:11

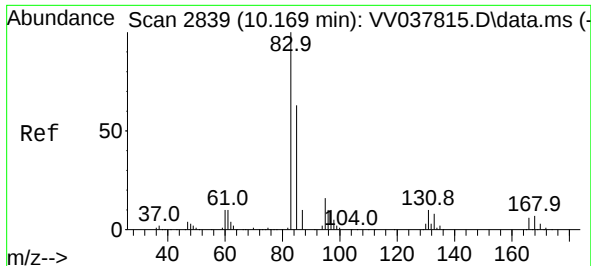
Tgt Ion:104 Resp: 709593

Ion Ratio Lower Upper

104 100

78 43.9 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 49.980 ug/L

RT: 10.168 min Scan# 2839

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

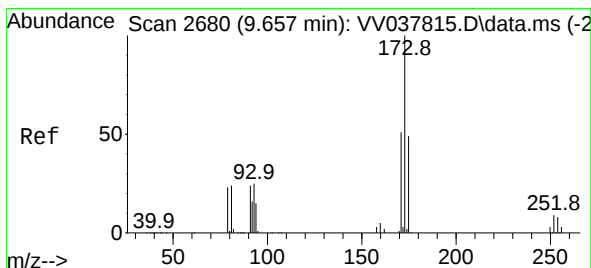
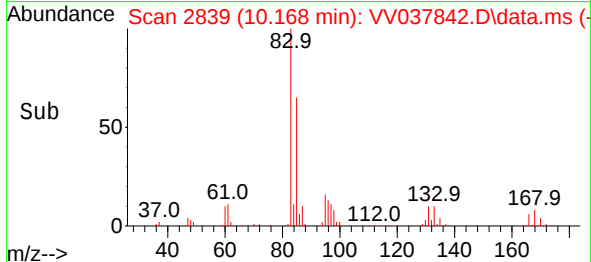
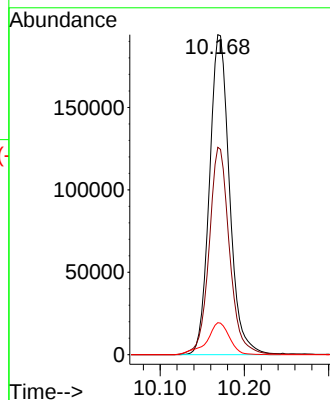
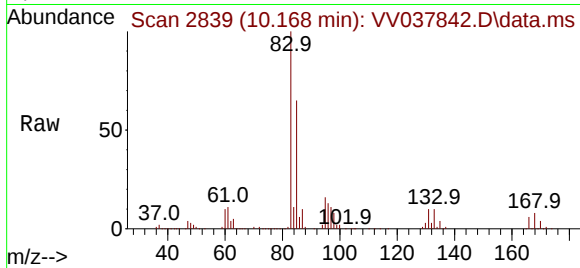
Tgt Ion: 83 Resp: 321098

Ion Ratio Lower Upper

83 100

85 64.8 45.9 85.3

131 10.0 7.9 11.9



#59

Bromoform

Concen: 50.081 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

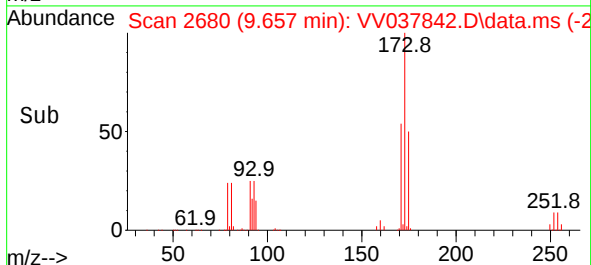
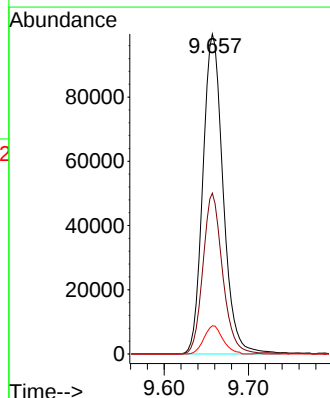
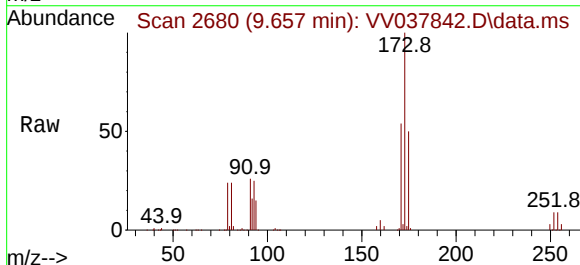
Tgt Ion: 173 Resp: 166824

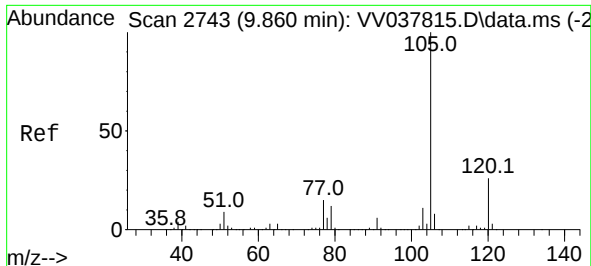
Ion Ratio Lower Upper

173 100

175 48.6 40.0 60.0

254 8.2 6.5 9.7

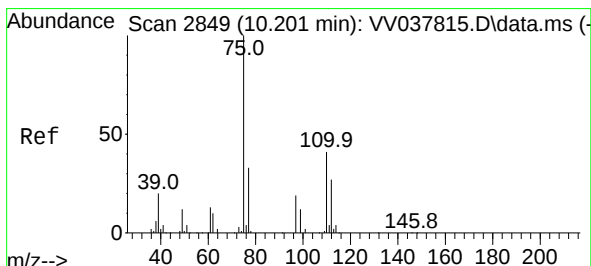
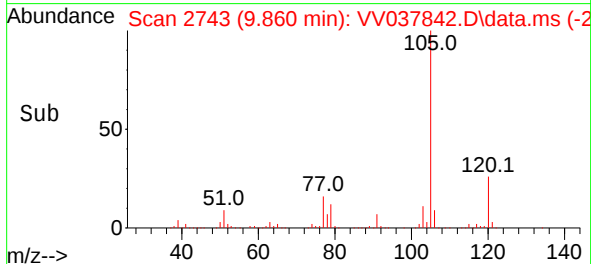
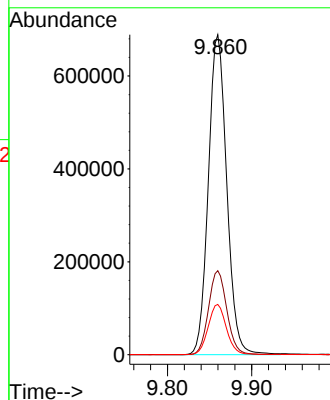
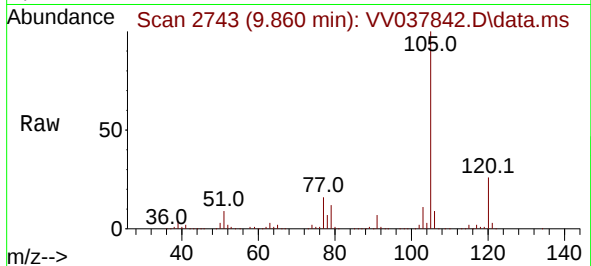




#60
Isopropylbenzene
Concen: 47.218 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

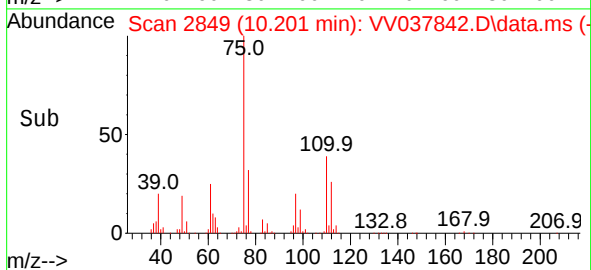
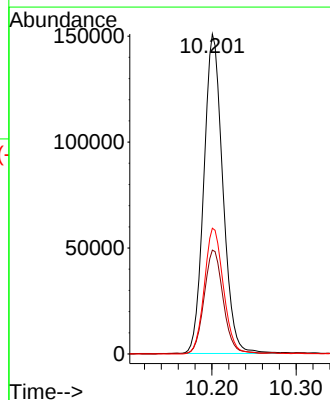
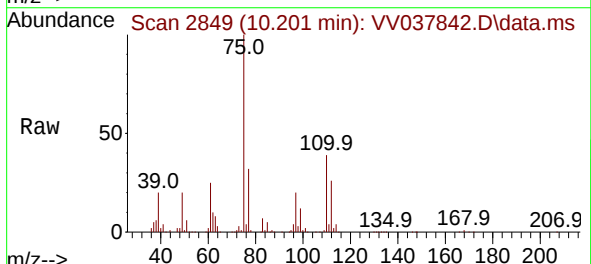
Instrument :
MSVOA_V
ClientSampleId :

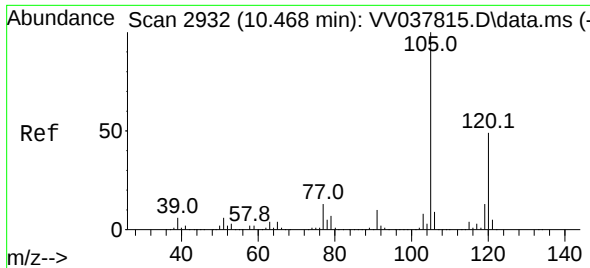
Tgt Ion:105 Resp: 1046248
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 48.783 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV037842.D
Acq: 14 Oct 2024 09:11

Tgt Ion: 75 Resp: 236582
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
110 39.7 31.7 47.5

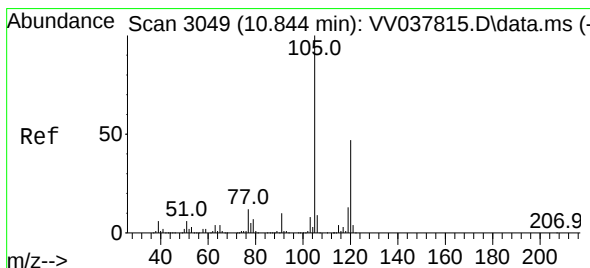
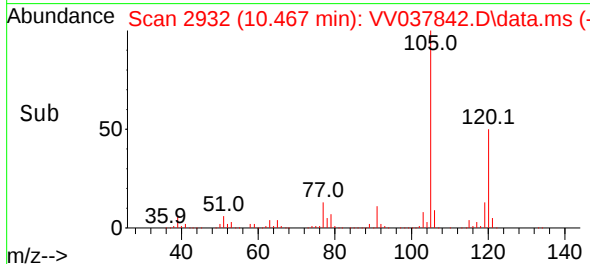
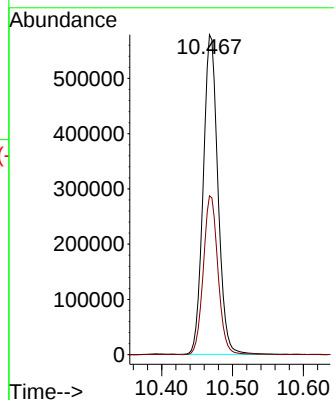
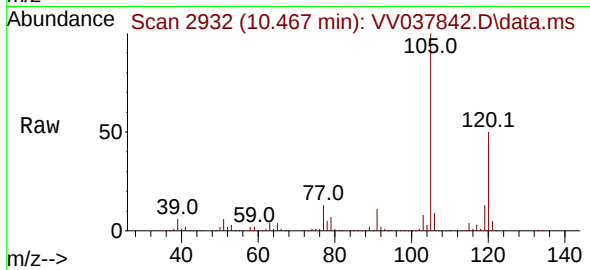




#62
 1,3,5-Trimethylbenzene
 Concen: 47.616 ug/L
 RT: 10.467 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV037842.D
 Acq: 14 Oct 2024 09:11

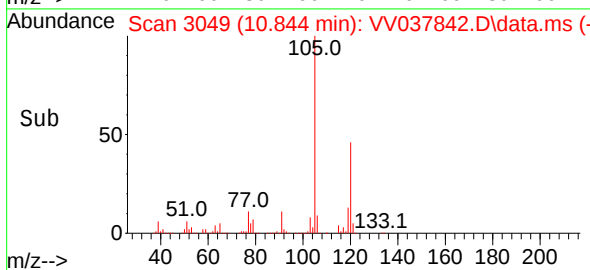
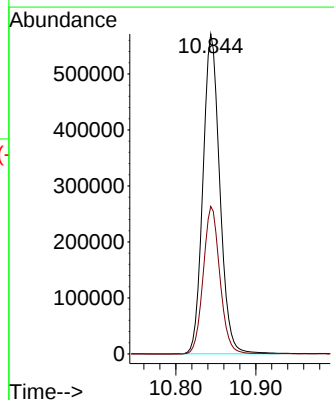
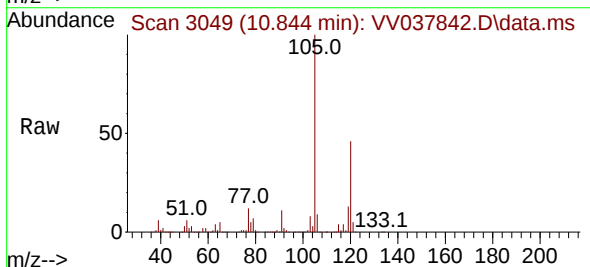
Instrument :
 MSVOA_V
 ClientSampleId :

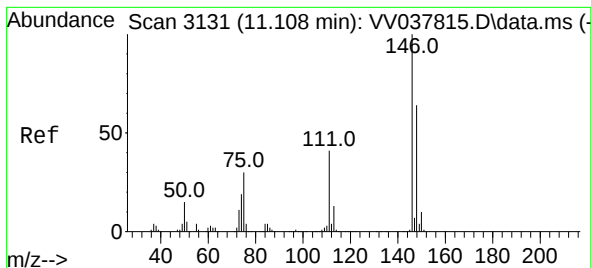
Tgt Ion:105 Resp: 834141
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 48.116 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV037842.D
 Acq: 14 Oct 2024 09:11

Tgt Ion:105 Resp: 838667
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 48.188 ug/L

RT: 11.111 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

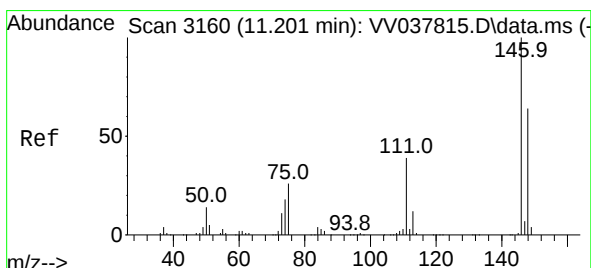
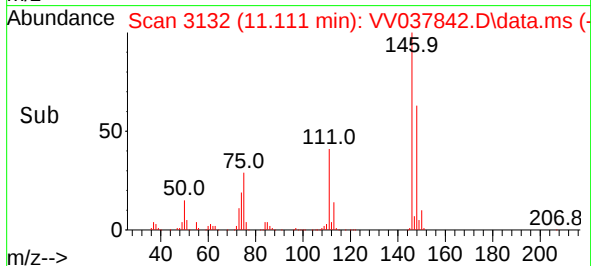
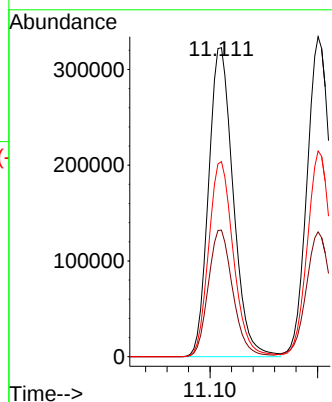
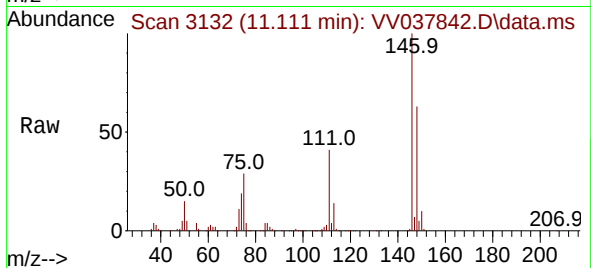
Tgt Ion:146 Resp: 513939

Ion Ratio Lower Upper

146 100

111 41.0 28.3 52.5

148 63.2 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 48.101 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

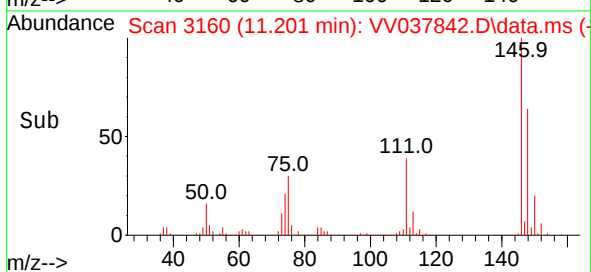
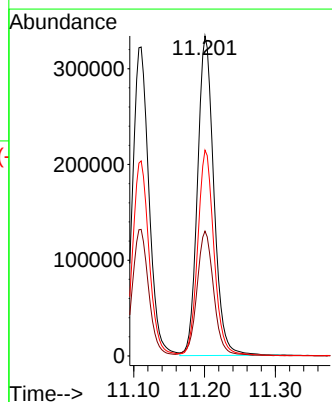
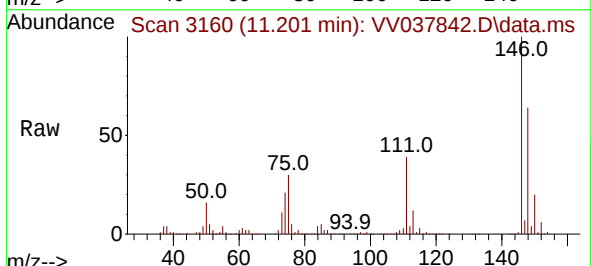
Tgt Ion:146 Resp: 534190

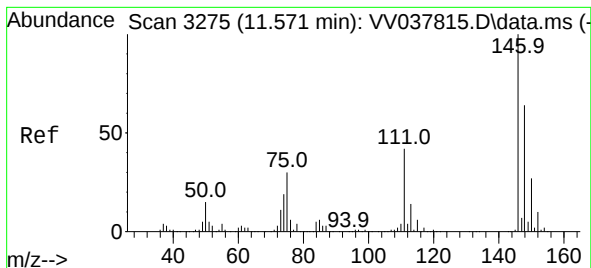
Ion Ratio Lower Upper

146 100

111 39.0 27.6 51.4

148 64.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 47.715 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

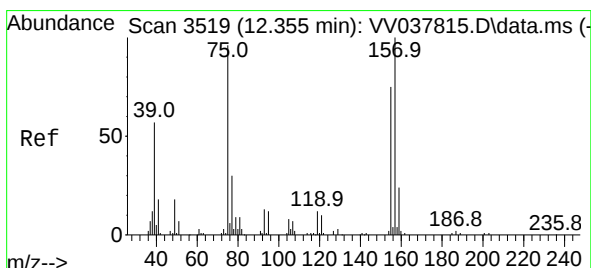
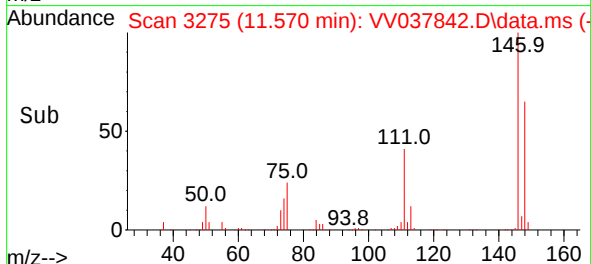
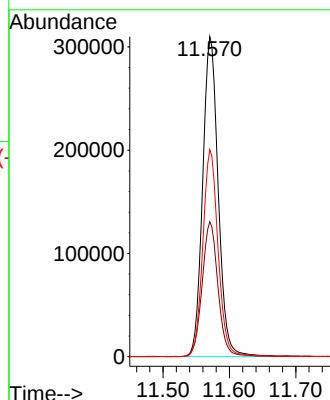
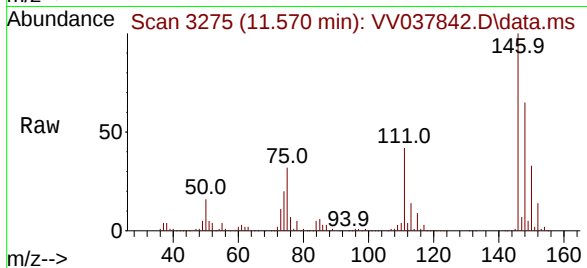
Tgt Ion:146 Resp: 503079

Ion Ratio Lower Upper

146 100

111 42.1 34.2 51.2

148 64.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.197 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

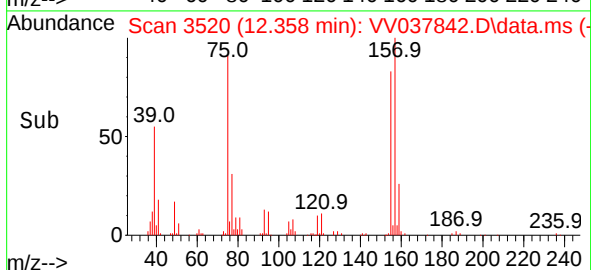
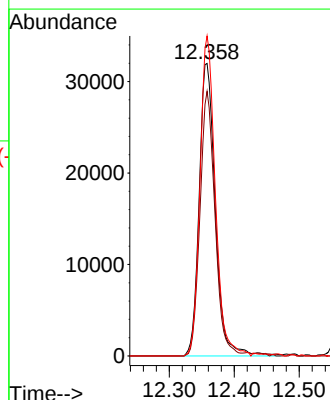
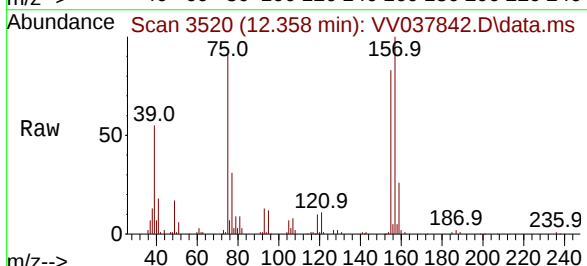
Tgt Ion: 75 Resp: 55562

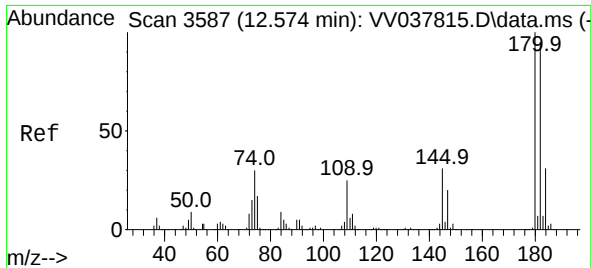
Ion Ratio Lower Upper

75 100

155 90.5 66.2 99.4

157 109.4 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 46.496 ug/L

RT: 12.573 min Scan# 3587

Delta R.T. -0.000 min

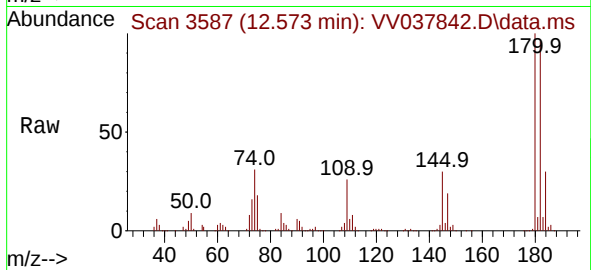
Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 341016

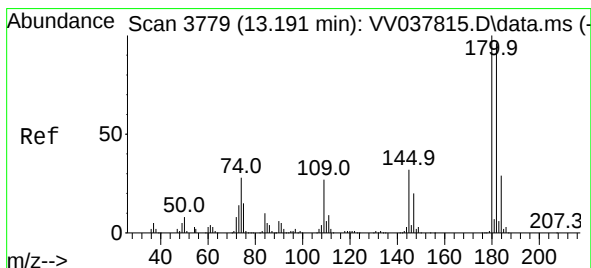
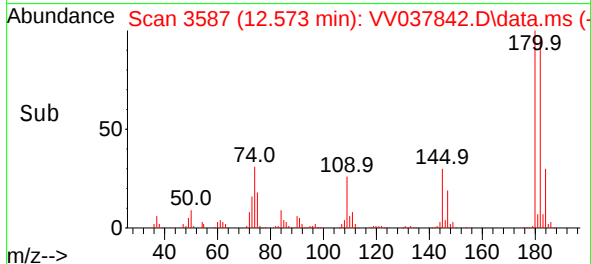
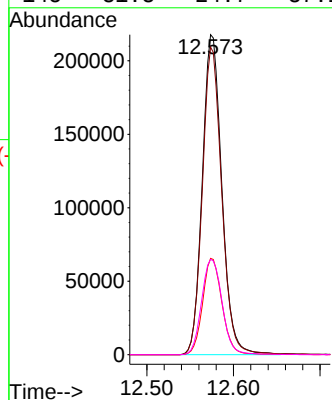
Ion Ratio Lower Upper

180 100

182 95.5 75.6 113.4

184 30.0 23.8 35.6

145 31.3 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 44.624 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

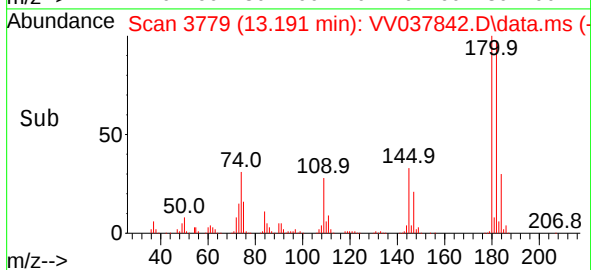
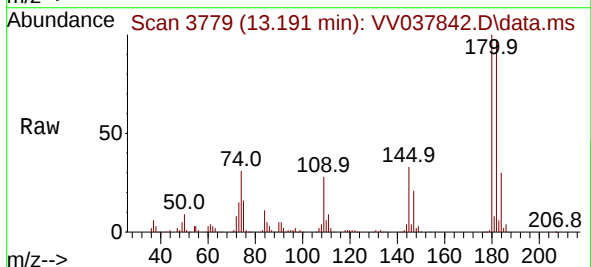
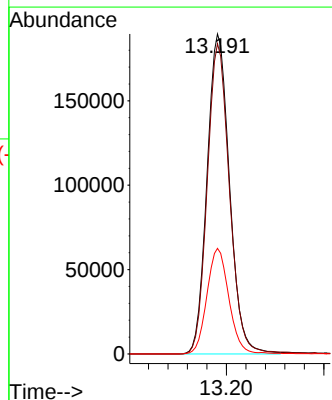
Tgt Ion:180 Resp: 303660

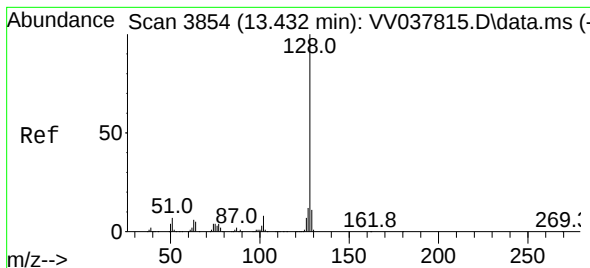
Ion Ratio Lower Upper

180 100

182 96.2 75.9 113.9

145 32.3 25.4 38.2





#71

Naphthalene

Concen: 44.629 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Instrument :

MSVOA_V

ClientSampleId :

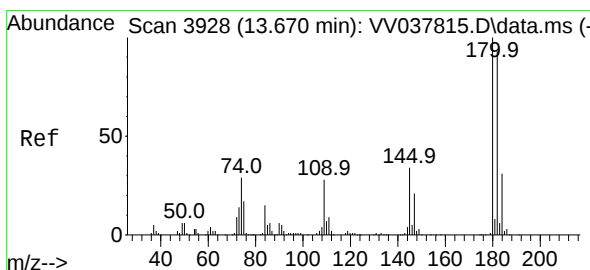
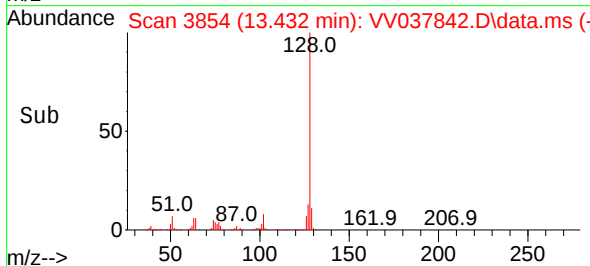
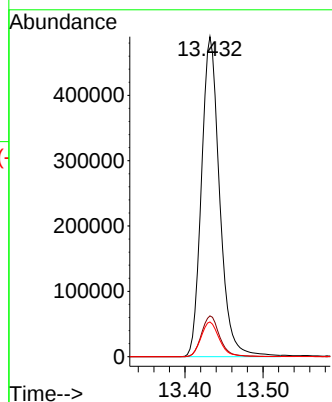
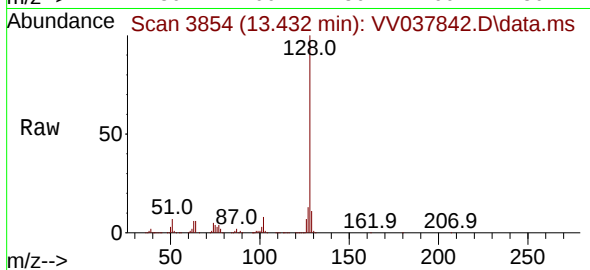
Tgt Ion:128 Resp: 793441

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 46.565 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV037842.D

Acq: 14 Oct 2024 09:11

Tgt Ion:180 Resp: 312912

Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.8

145 33.1 26.2 39.4

