

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101424\
 Data File : VV037859.D
 Acq On : 14 Oct 2024 16:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 15 02:23:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 02:19:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	594755	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	593991	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	339141	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	173486	33.229	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.460%
7) Chloroethane-d5	1.532	69	162138	40.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.020%
11) 1,1-Dichloroethene-d2	2.060	65	84112	38.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.120%
21) 2-Butanone-d5	3.796	46	170506	91.689	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.690%
24) Chloroform-d	4.243	84	442952	47.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.380%
26) 1,2-Dichloroethane-d4	4.937	65	255036	46.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
32) Benzene-d6	4.953	84	806826	43.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.820%
36) 1,2-Dichloropropane-d6	5.982	67	265313	44.826	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.660%
41) Toluene-d8	7.236	98	731207	43.384	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.760%
43) trans-1,3-Dichloroprop...	7.548	79	118799	43.208	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.420%
47) 2-Hexanone-d5	8.024	63	127438	101.968	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.970%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	347137	50.477	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.960%
66) 1,2-Dichlorobenzene-d4	11.551	152	307206	42.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	219571	43.366	ug/L	99
3) Chloromethane	1.220	50	221573	45.076	ug/L	99
5) Vinyl chloride	1.285	62	237623	45.091	ug/L	99
6) Bromomethane	1.487	94	135708	46.404	ug/L	100
8) Chloroethane	1.548	64	151767	46.725	ug/L	99
9) Trichlorofluoromethane	1.712	101	343371	48.406	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	208353	49.153	ug/L	99
12) 1,1-Dichloroethene	2.069	96	183978	46.464	ug/L	83
13) Acetone	2.114	43	158938	87.185	ug/L	100
14) Carbon disulfide	2.240	76	502220	40.634	ug/L	99
15) Methyl Acetate	2.372	43	170518	53.599	ug/L	99
16) Methylene chloride	2.442	84	218086	48.644	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	198985	47.503	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	630268	52.444	ug/L	99
19) 1,1-Dichloroethane	3.105	63	399316	49.755	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	236096	50.367	ug/L	99
22) 2-Butanone	3.876	43	195972	97.123	ug/L	96
23) Bromochloromethane	4.140	128	124446	51.323	ug/L	99
25) Chloroform	4.269	83	430151	51.766	ug/L	98

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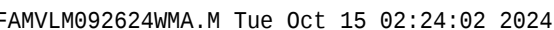
Instrument :
 MSVOA_V
 ClientSampleId :

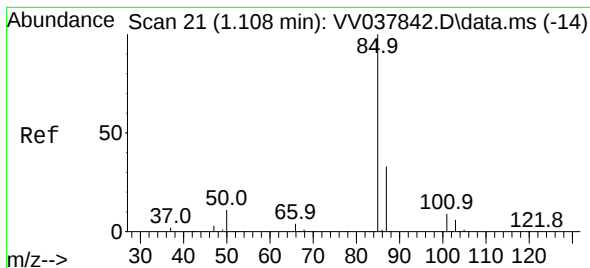
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	309220	52.713	ug/L	99
29) Cyclohexane	4.571	56	291974	43.293	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	362243	49.515	ug/L	100
31) Carbon tetrachloride	4.725	117	310106	48.756	ug/L	99
33) Benzene	5.002	78	889817	49.671	ug/L	100
34) Trichloroethene	5.825	95	233467	48.937	ug/L	98
35) Methylcyclohexane	6.043	83	334400	45.564	ug/L	99
37) 1,2-Dichloropropane	6.088	63	234435	50.679	ug/L	98
38) Bromodichloromethane	6.426	83	318408	51.490	ug/L	96
39) cis-1,3-Dichloropropene	6.947	75	370454	50.168	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	402722	106.923	ug/L	99
42) Toluene	7.307	91	936543	50.429	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	337028	50.695	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	234689	52.836	ug/L	98
46) Tetrachloroethene	7.899	164	173207	47.486	ug/L	98
48) 2-Hexanone	8.072	43	300409	102.573	ug/L	98
49) Dibromochloromethane	8.169	129	245573	52.237	ug/L	99
50) 1,2-Dibromoethane	8.275	107	232477	50.632	ug/L	99
51) Chlorobenzene	8.809	112	633173	50.043	ug/L	98
52) Ethylbenzene	8.940	91	1034078	49.466	ug/L	100
53) m,p-Xylene	9.066	106	397958	51.150	ug/L	100
54) o-Xylene	9.471	106	388844	51.193	ug/L	94
55) Styrene	9.487	104	711138	53.781	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	323881	52.299	ug/L	98
59) Bromoform	9.657	173	164123	49.514	ug/L	98
60) Isopropylbenzene	9.860	105	1038424	47.096	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	237510	49.217	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	831945	47.725	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	825453	47.592	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	505335	47.615	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	531939	48.135	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	502300	47.877	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54740	46.729	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	336231	46.070	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	302477	44.670	ug/L	99
71) Naphthalene	13.432	128	791377	44.733	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	305748	45.724	ug/L	99

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

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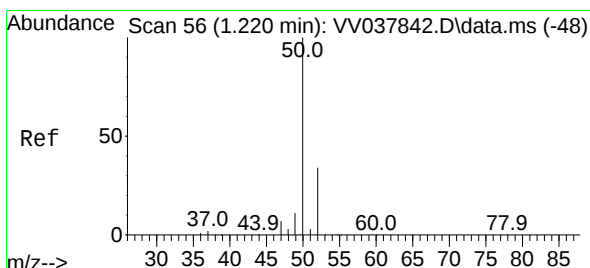
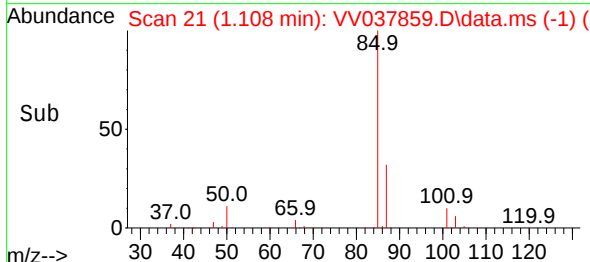
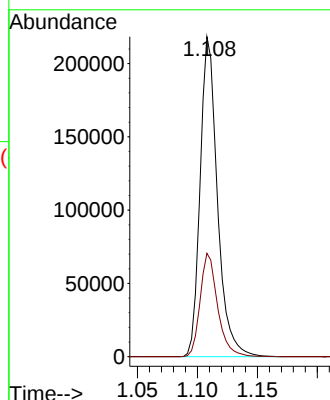
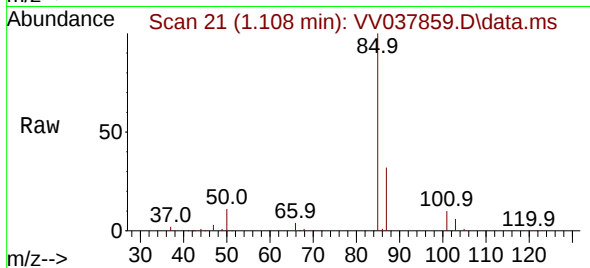




#2
Dichlorodifluoromethane
Concen: 43.366 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

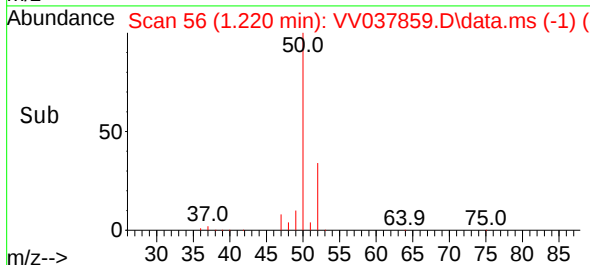
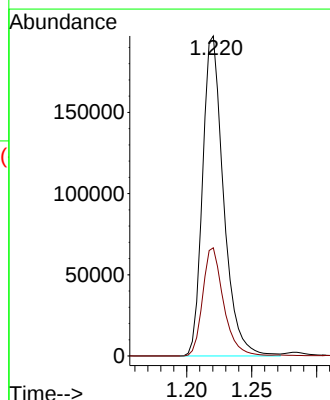
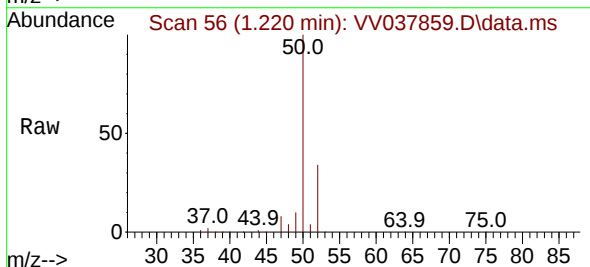
Instrument :
MSVOA_V
ClientSampleId :

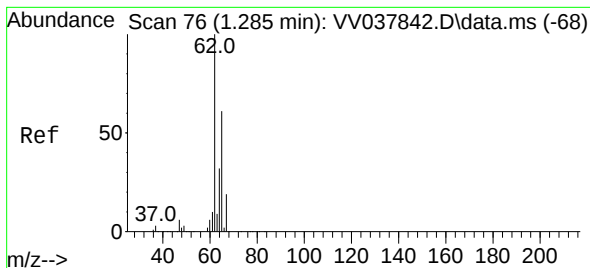
Tgt Ion: 85 Resp: 219571
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.8



#3
Chloromethane
Concen: 45.076 ug/L
RT: 1.220 min Scan# 56
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

Tgt Ion: 50 Resp: 221573
Ion Ratio Lower Upper
50 100
52 33.8 23.2 43.2





#5

Vinyl chloride

Concen: 45.091 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

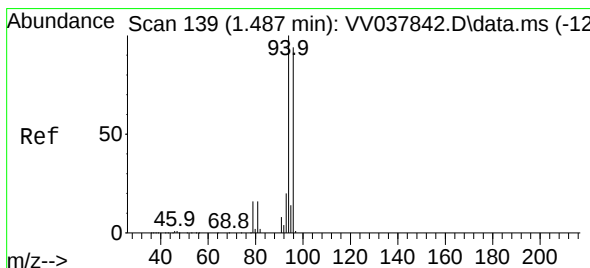
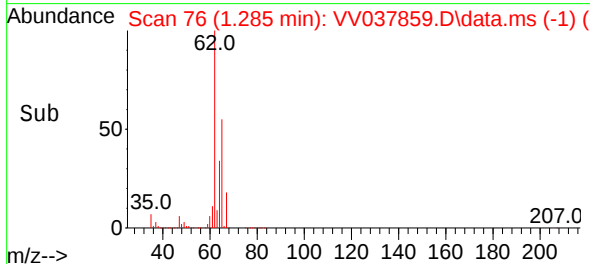
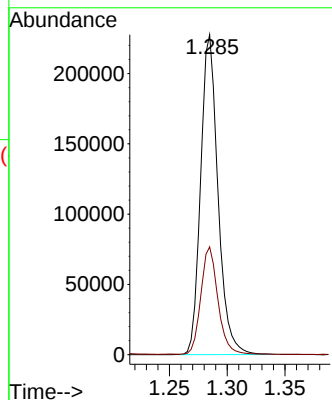
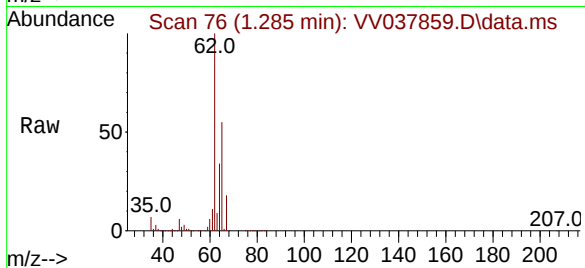
ClientSampleId :

Tgt Ion: 62 Resp: 237623

Ion Ratio Lower Upper

62 100

64 33.7 23.2 43.0



#6

Bromomethane

Concen: 46.404 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037859.D

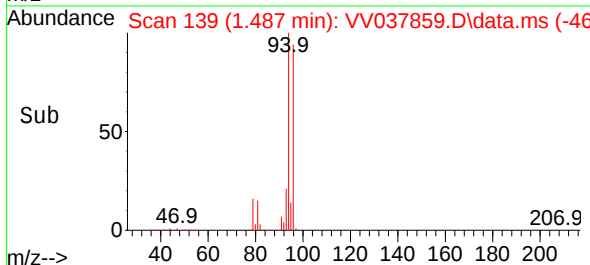
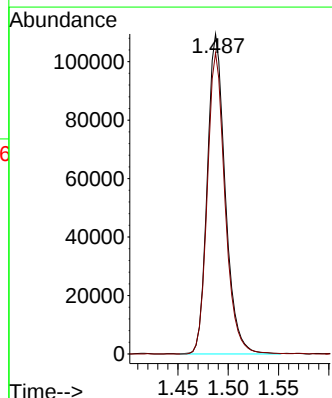
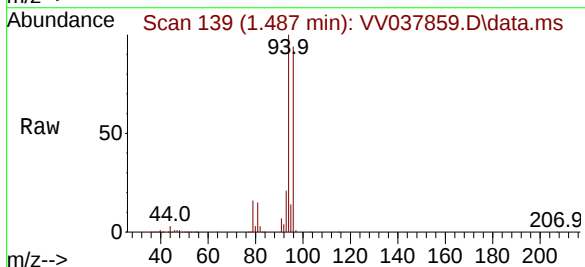
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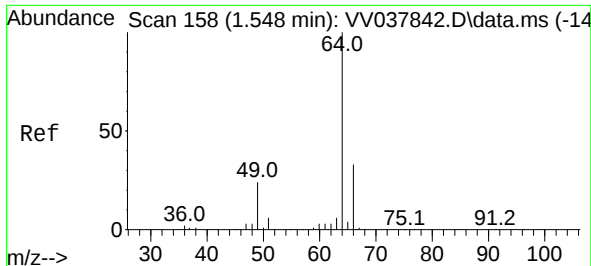
Tgt Ion: 94 Resp: 135708

Ion Ratio Lower Upper

94 100

96 94.1 65.8 122.2

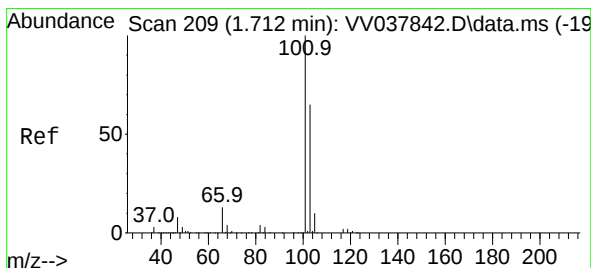
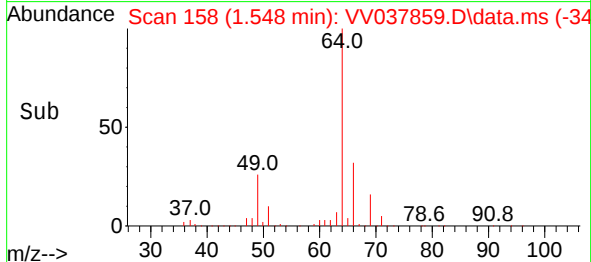
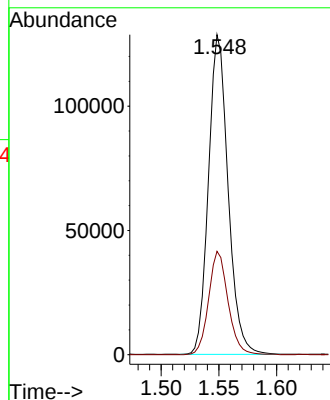
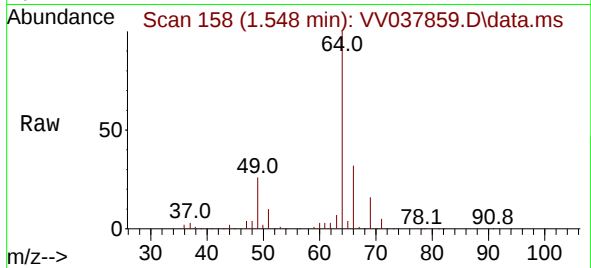




#8
Chloroethane
Concen: 46.725 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

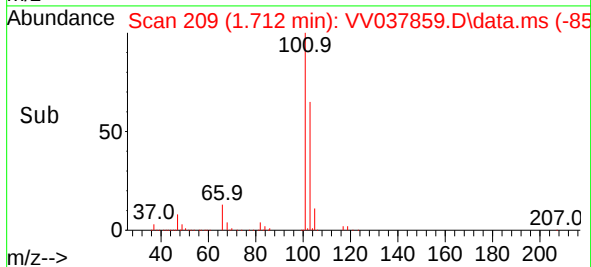
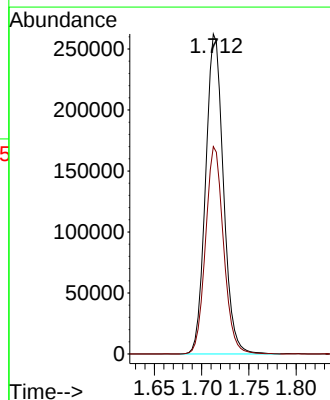
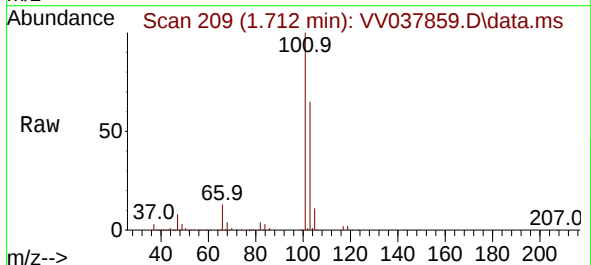
Instrument :
MSVOA_V
ClientSampleId :

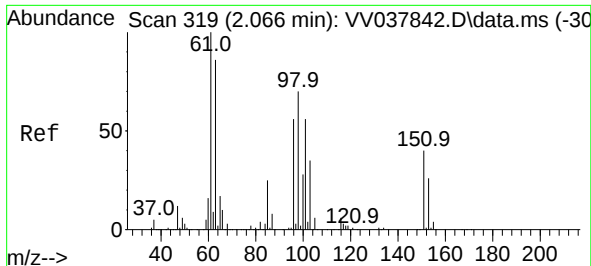
Tgt Ion: 64 Resp: 151767
Ion Ratio Lower Upper
64 100
66 32.3 22.2 41.2



#9
Trichlorofluoromethane
Concen: 48.406 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

Tgt Ion:101 Resp: 343371
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4

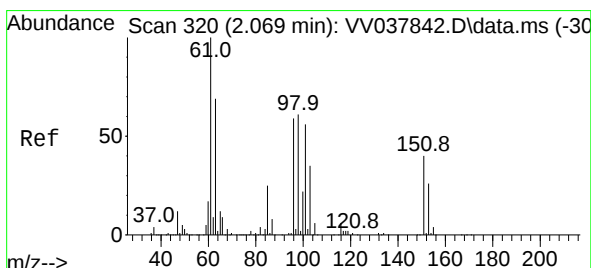
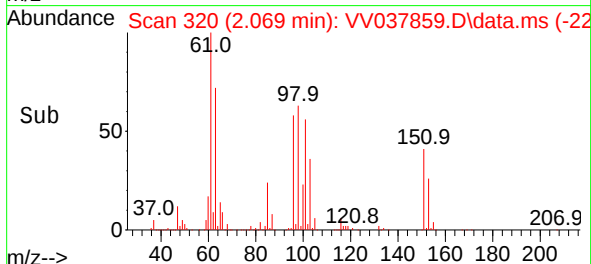
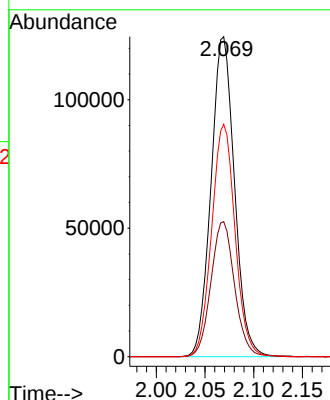
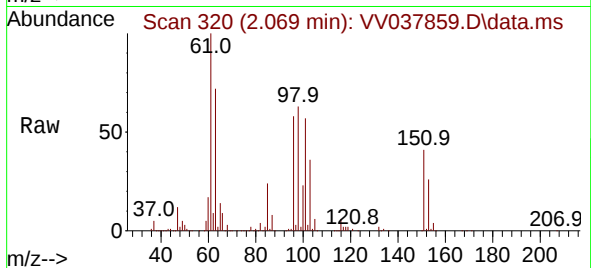




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.153 ug/L
RT: 2.069 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

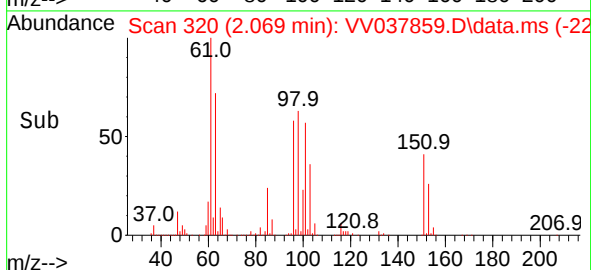
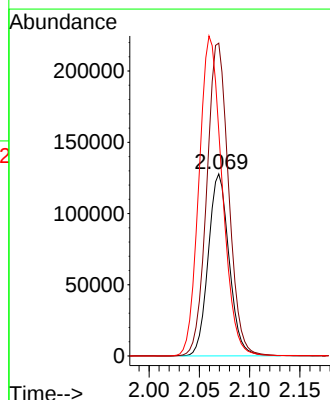
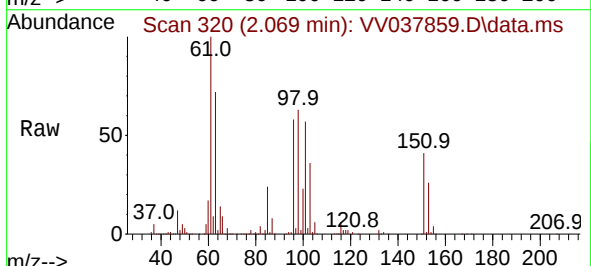
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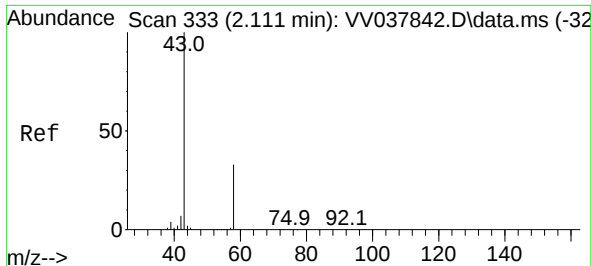
Tgt Ion:101 Resp: 208353
Ion Ratio Lower Upper
101 100
85 42.7 34.6 52.0
151 72.4 57.5 86.3



#12
1,1-Dichloroethene
Concen: 46.464 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

Tgt Ion: 96 Resp: 183978
Ion Ratio Lower Upper
96 100
61 171.8 122.6 227.6
63 123.7 118.0 219.2





#13

Acetone

Concen: 87.185 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

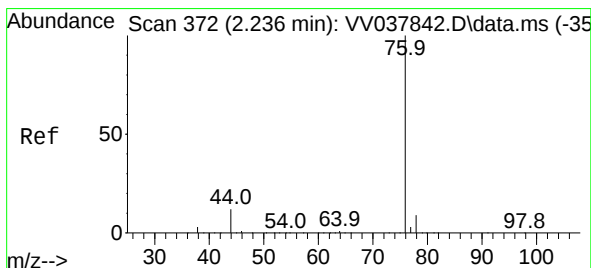
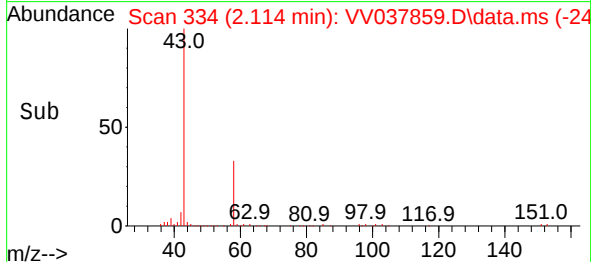
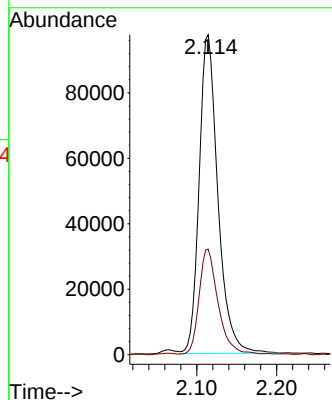
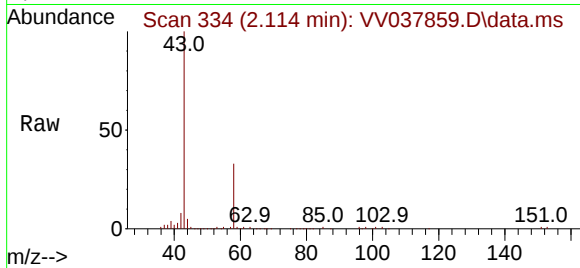
ClientSampleId :

Tgt Ion: 43 Resp: 158938

Ion Ratio Lower Upper

43 100

58 33.2 0.0 66.6



#14

Carbon disulfide

Concen: 40.634 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037859.D

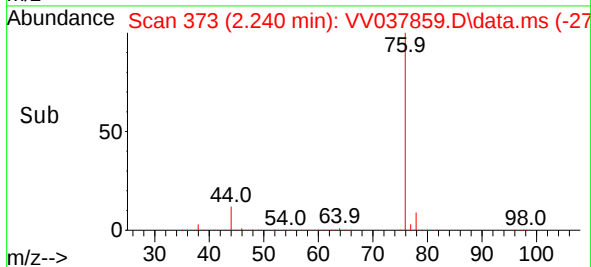
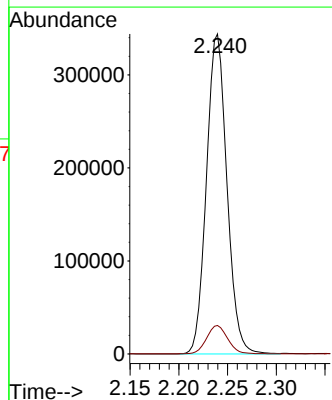
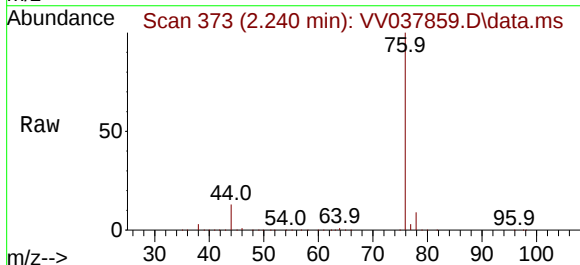
Acq: 14 Oct 2024 16:04

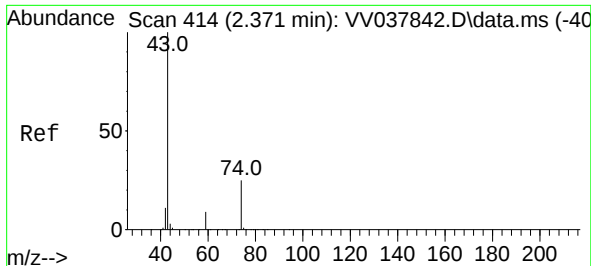
Tgt Ion: 76 Resp: 502220

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





#15

Methyl Acetate

Concen: 53.599 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

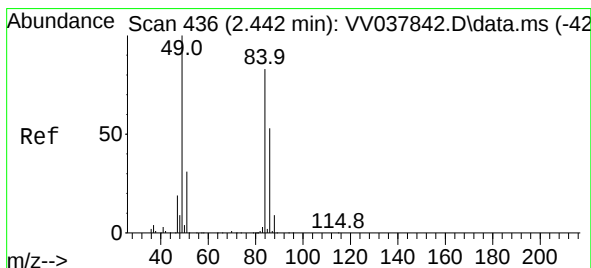
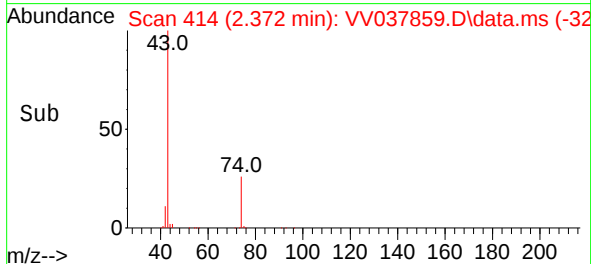
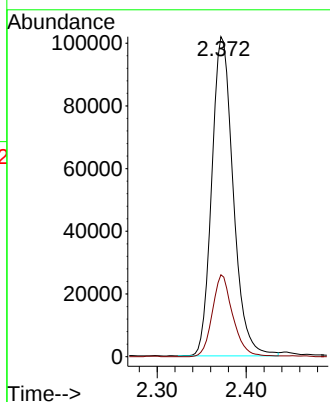
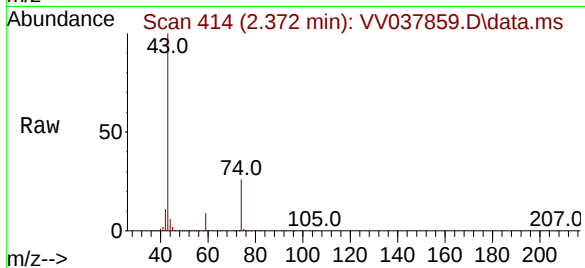
ClientSampleId :

Tgt Ion: 43 Resp: 170518

Ion Ratio Lower Upper

43 100

74 24.5 19.4 29.0



#16

Methylene chloride

Concen: 48.644 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

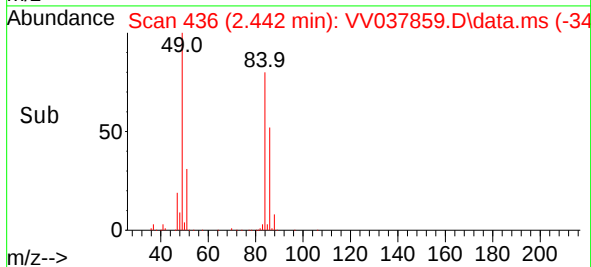
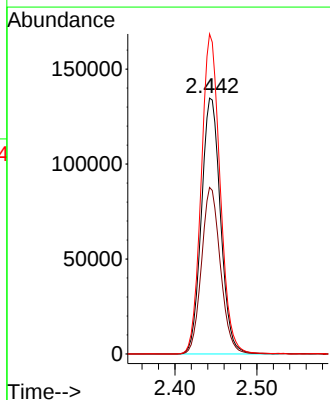
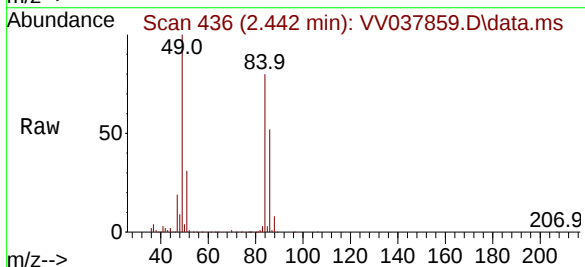
Tgt Ion: 84 Resp: 218086

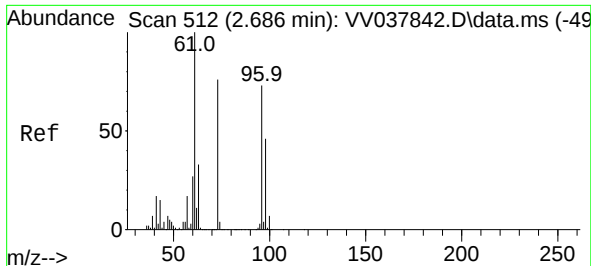
Ion Ratio Lower Upper

84 100

86 65.1 46.4 86.2

49 125.1 85.9 159.5

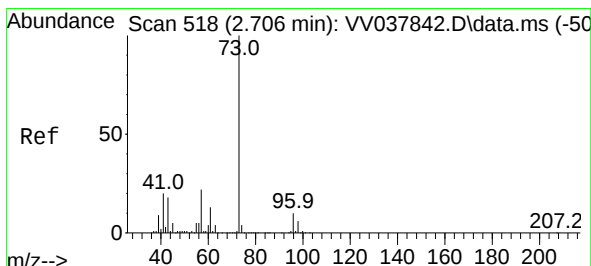
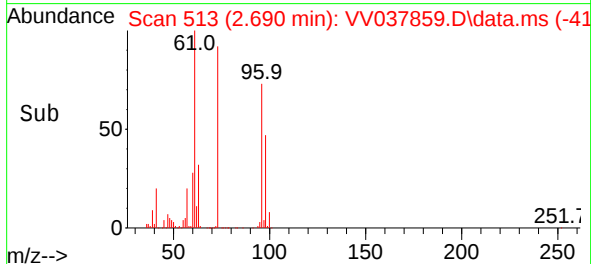
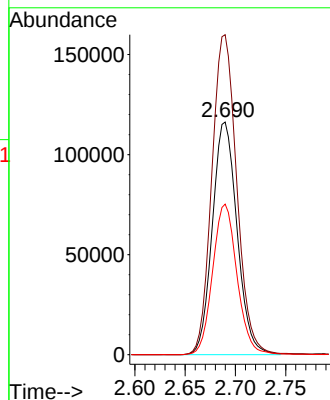
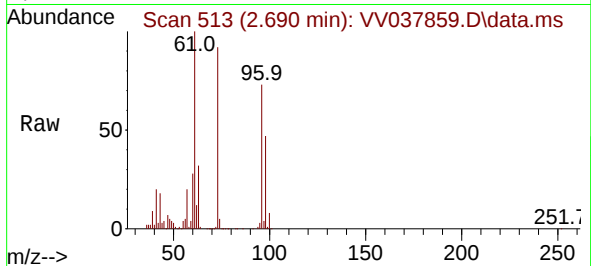




#17
trans-1,2-Dichloroethene
Concen: 47.503 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

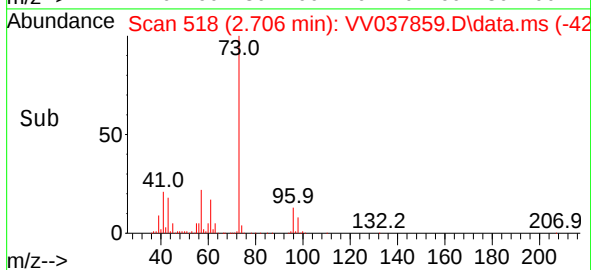
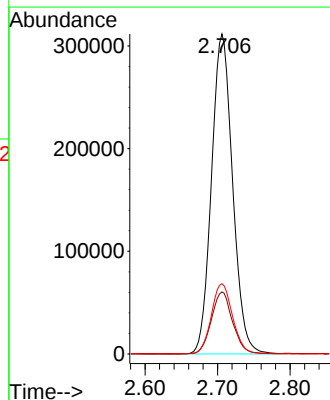
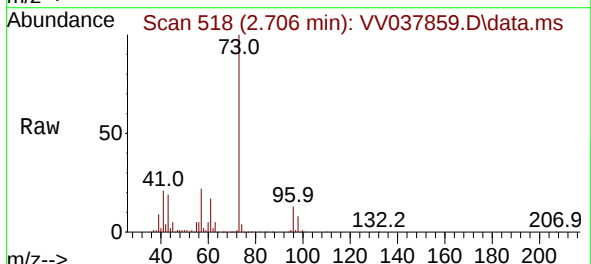
Instrument :
MSVOA_V
ClientSampleId :

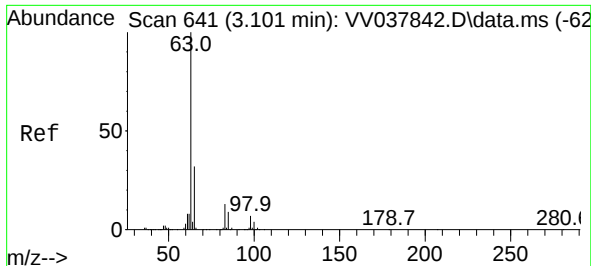
Tgt Ion: 96 Resp: 198985
Ion Ratio Lower Upper
96 100
61 137.6 97.3 180.7
98 64.7 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 52.444 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

Tgt Ion: 73 Resp: 630268
Ion Ratio Lower Upper
73 100
43 19.5 15.1 22.7
57 22.1 17.4 26.2

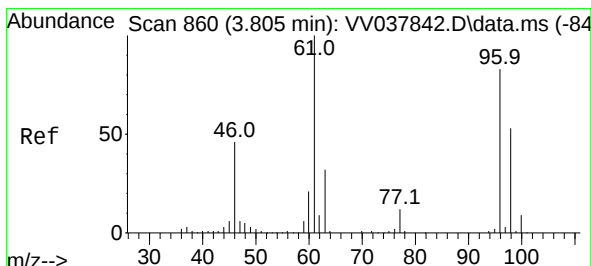
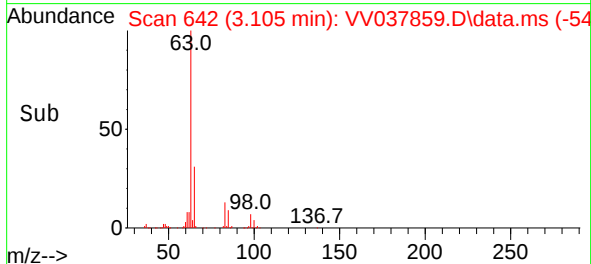
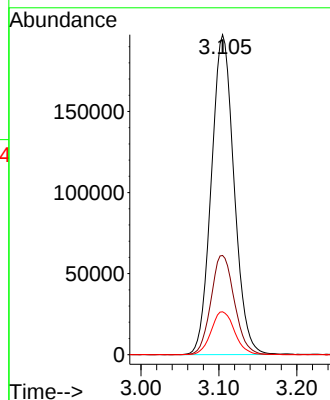
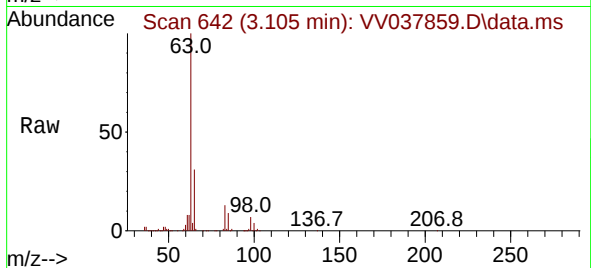




#19
1,1-Dichloroethane
Concen: 49.755 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

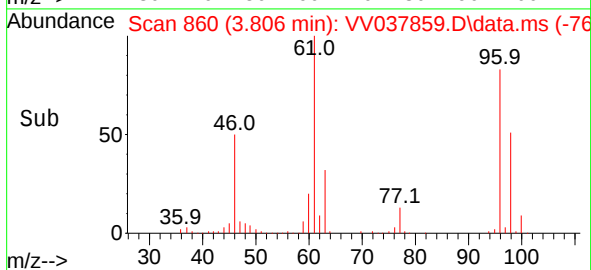
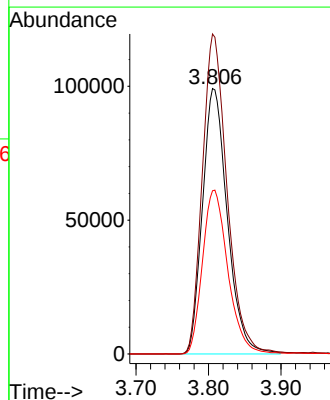
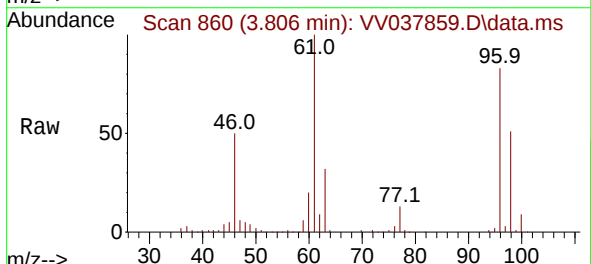
Instrument :
MSVOA_V
ClientSampleId :

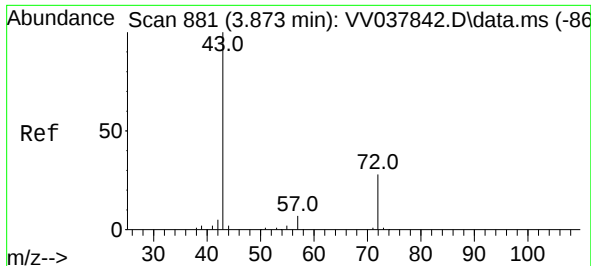
Tgt Ion: 63 Resp: 399316
Ion Ratio Lower Upper
63 100
65 31.0 22.4 41.6
83 13.4 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.367 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

Tgt Ion: 96 Resp: 236096
Ion Ratio Lower Upper
96 100
61 120.6 85.0 157.8
98 61.5 44.2 82.0

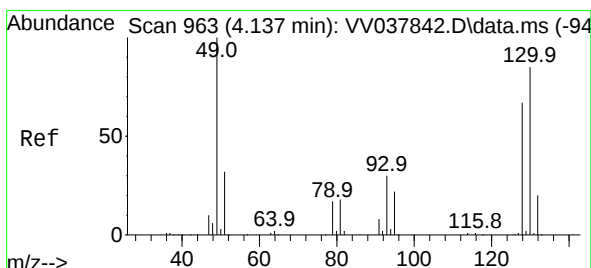
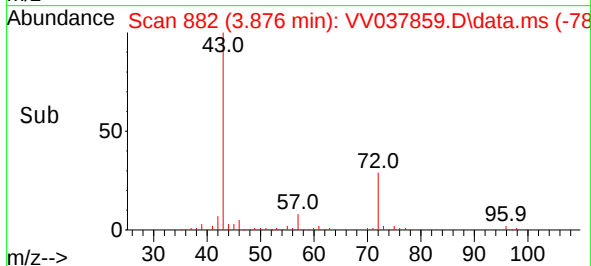
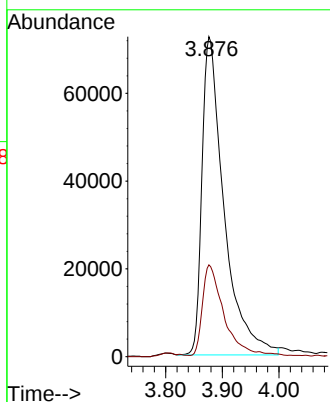
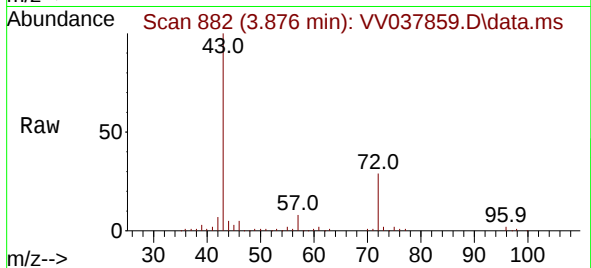




#22
2-Butanone
Concen: 97.123 ug/L
RT: 3.876 min Scan# 881
Delta R.T. 0.003 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

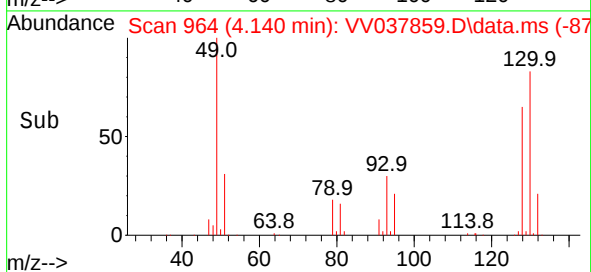
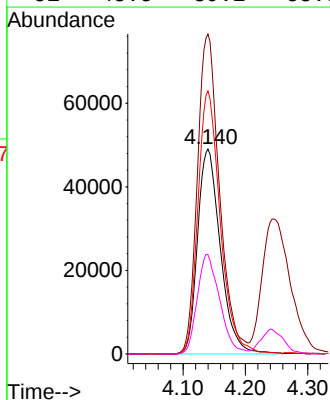
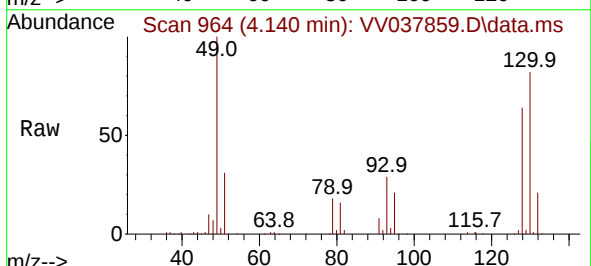
Instrument :
MSVOA_V
ClientSampleId :

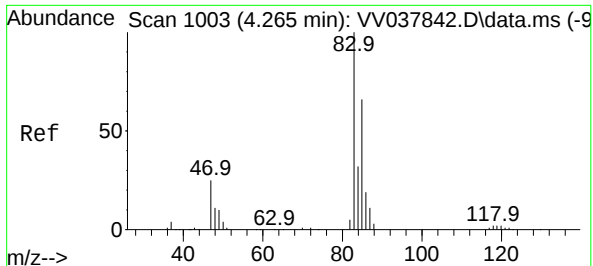
Tgt Ion: 43 Resp: 195972
Ion Ratio Lower Upper
43 100
72 26.6 14.3 42.9



#23
Bromochloromethane
Concen: 51.323 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

Tgt Ion:128 Resp: 124446
Ion Ratio Lower Upper
128 100
49 156.2 108.7 201.9
130 128.4 90.4 168.0
51 48.5 39.2 58.8





#25

Chloroform

Concen: 51.766 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

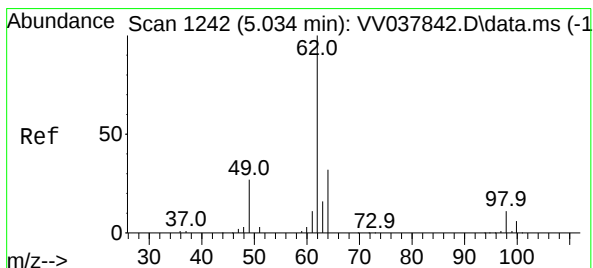
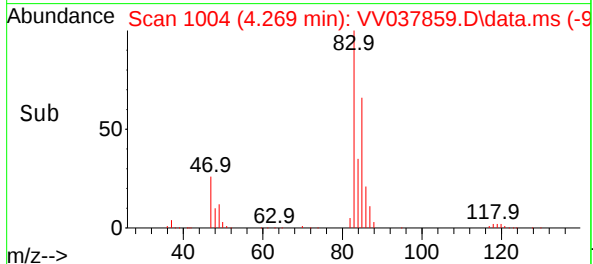
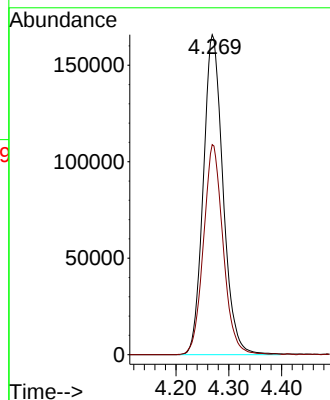
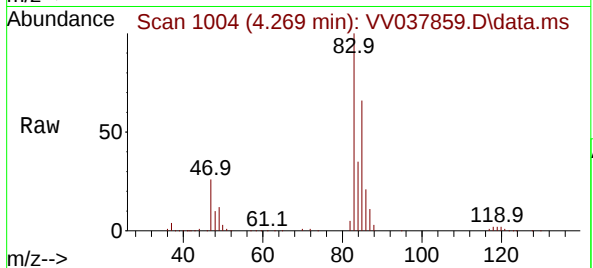
ClientSampleId :

Tgt Ion: 83 Resp: 430151

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 52.713 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV037859.D

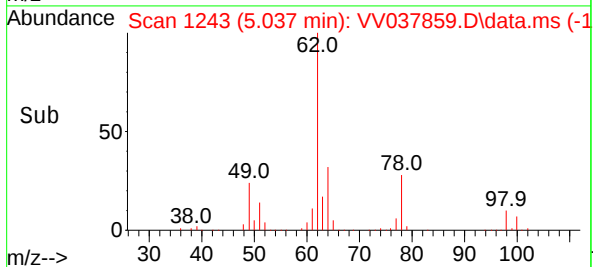
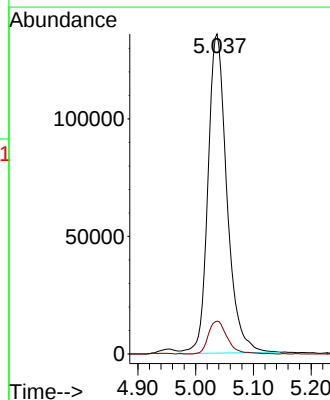
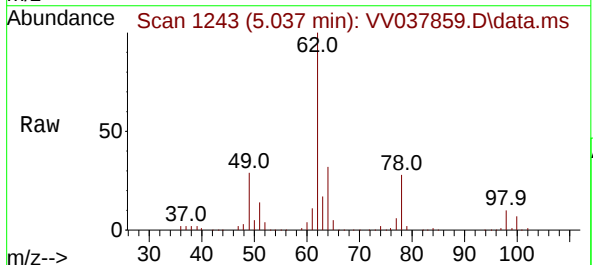
Acq: 14 Oct 2024 16:04

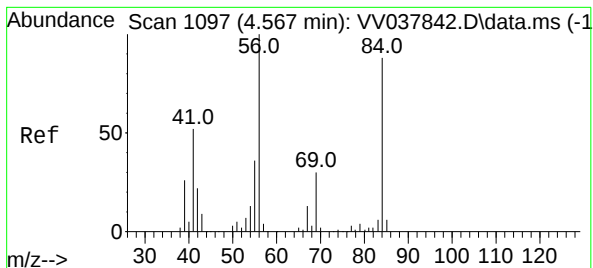
Tgt Ion: 62 Resp: 309220

Ion Ratio Lower Upper

62 100

98 10.3 8.4 12.6





#29

Cyclohexane

Concen: 43.293 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

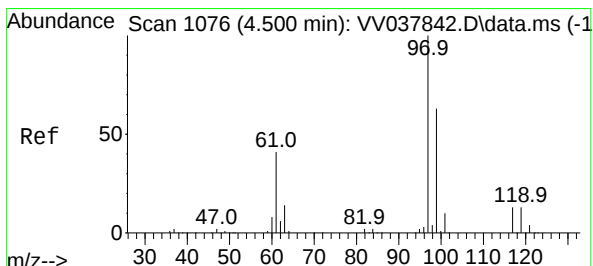
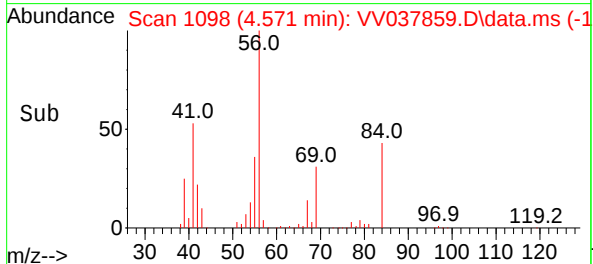
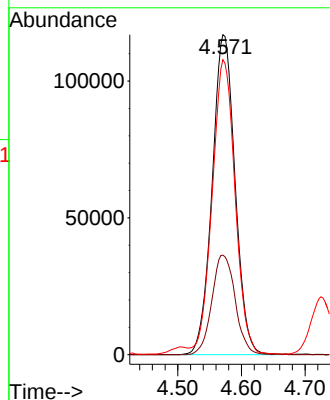
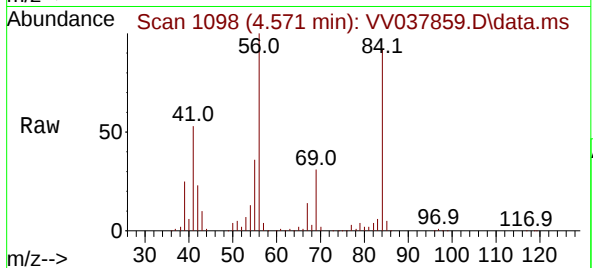
Tgt Ion: 56 Resp: 291974

Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

84 91.9 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 49.515 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

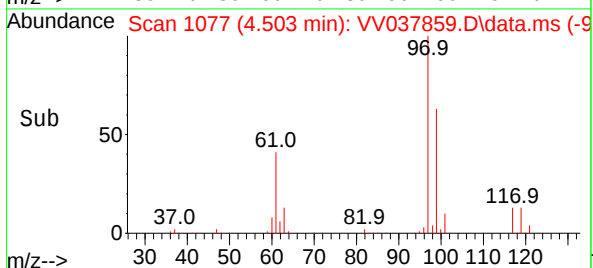
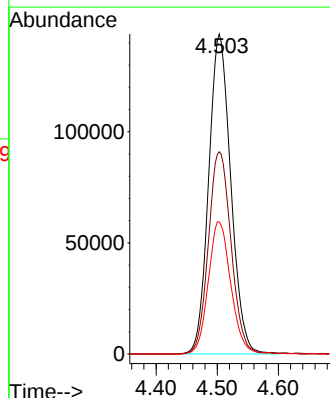
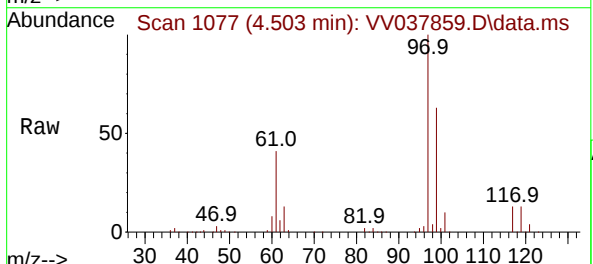
Tgt Ion: 97 Resp: 362243

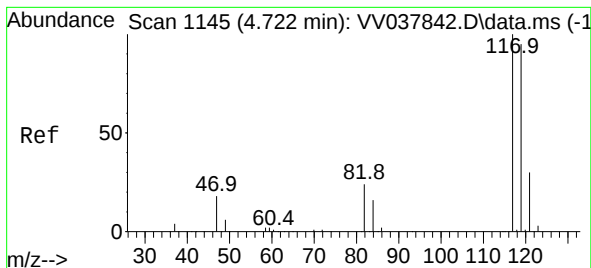
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 42.0 33.6 50.4





#31

Carbon tetrachloride

Concen: 48.756 ug/L

RT: 4.725 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

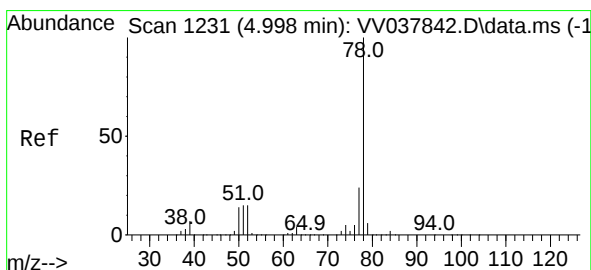
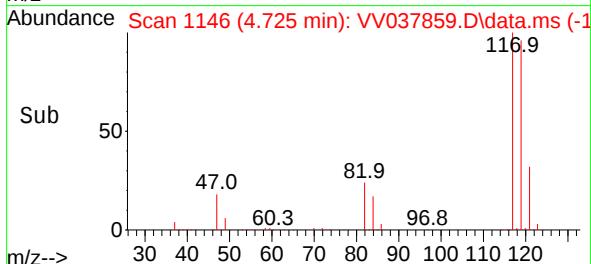
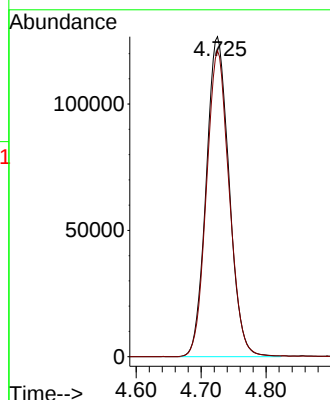
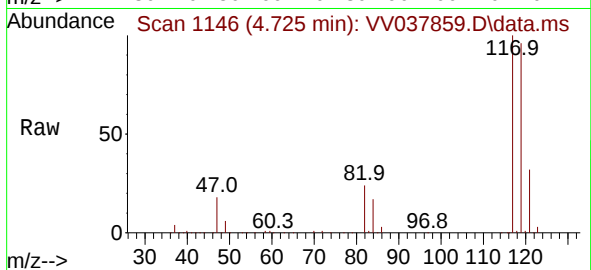
ClientSampleId :

Tgt Ion:117 Resp: 310106

Ion Ratio Lower Upper

117 100

119 95.1 76.9 115.3



#33

Benzene

Concen: 49.671 ug/L

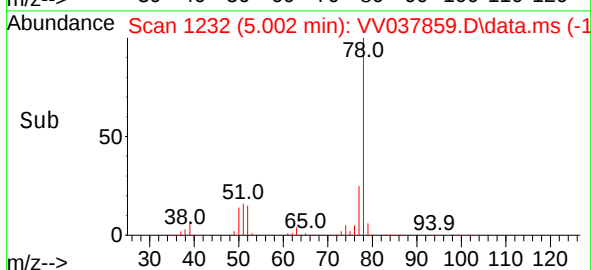
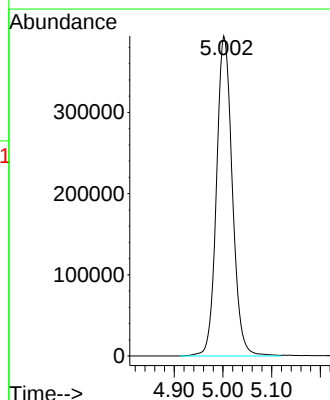
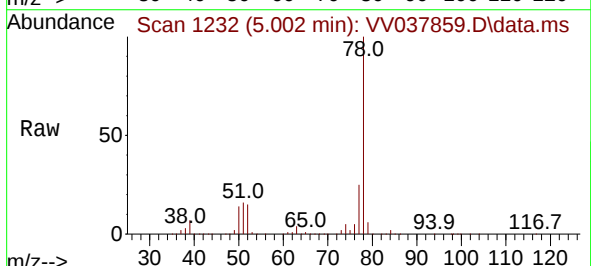
RT: 5.002 min Scan# 1232

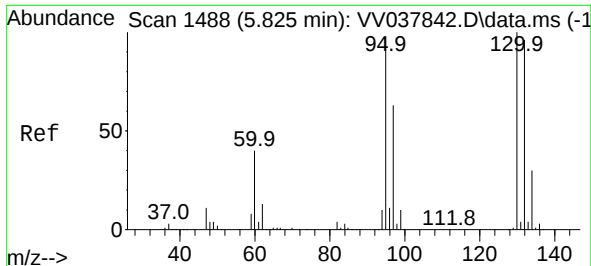
Delta R.T. 0.003 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Tgt Ion: 78 Resp: 889817

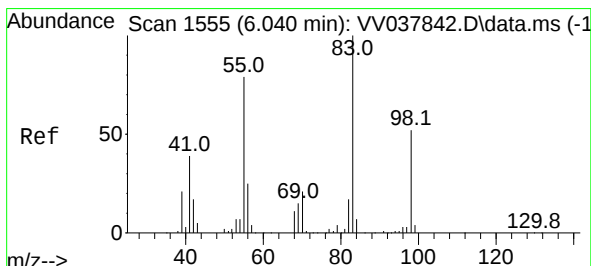
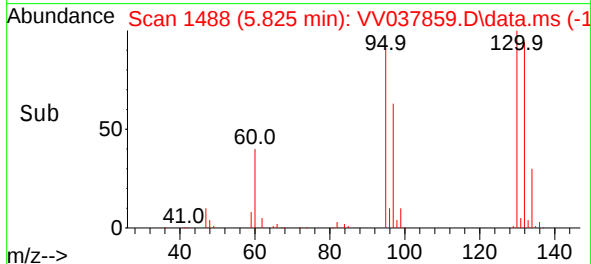
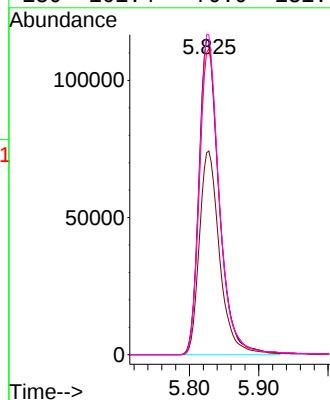
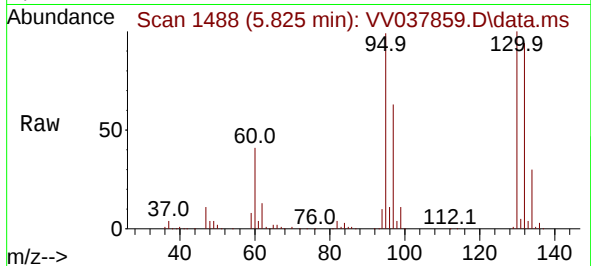




#34
Trichloroethene
Concen: 48.937 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

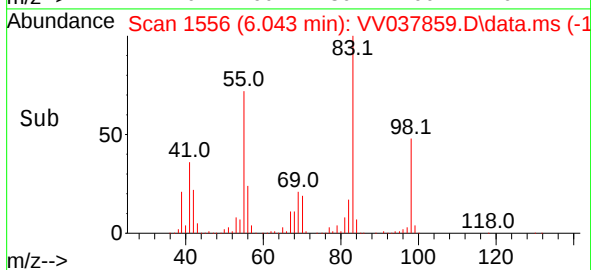
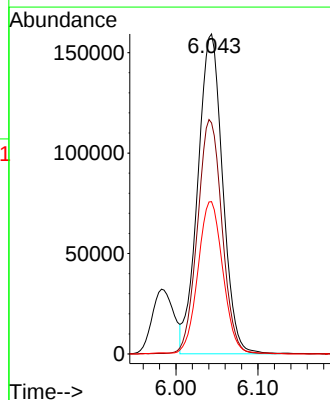
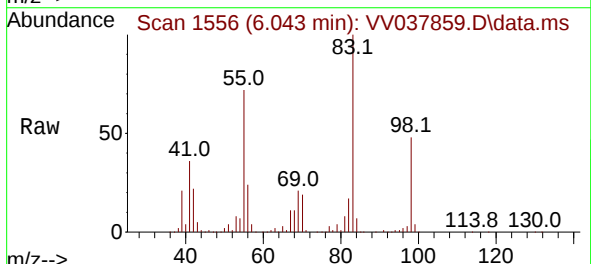
Instrument :
MSVOA_V
ClientSampleId :

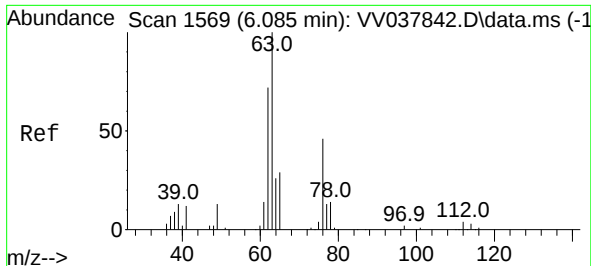
Tgt Ion: 95 Resp: 233467
Ion Ratio Lower Upper
95 100
97 64.0 46.3 85.9
132 95.7 68.6 127.4
130 101.4 70.9 131.7



#35
Methylcyclohexane
Concen: 45.564 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

Tgt Ion: 83 Resp: 334400
Ion Ratio Lower Upper
83 100
55 72.5 57.9 86.9
98 47.5 39.3 58.9





#37

1,2-Dichloropropane

Concen: 50.679 ug/L

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

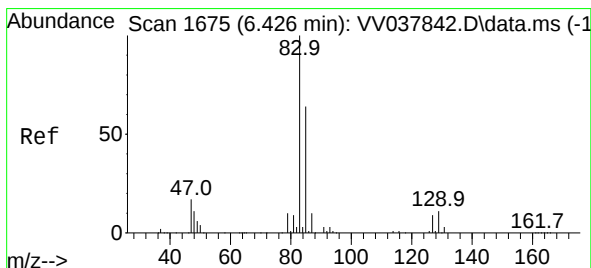
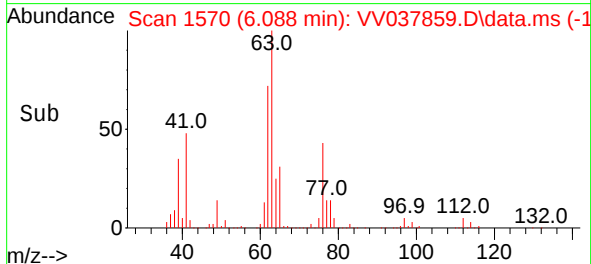
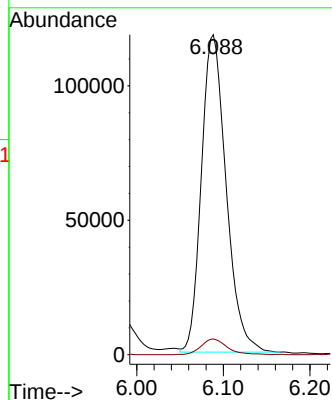
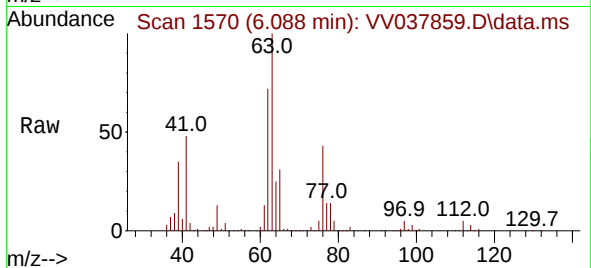
ClientSampleId :

Tgt Ion: 63 Resp: 234435

Ion Ratio Lower Upper

63 100

112 5.2 3.5 5.3



#38

Bromodichloromethane

Concen: 51.490 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

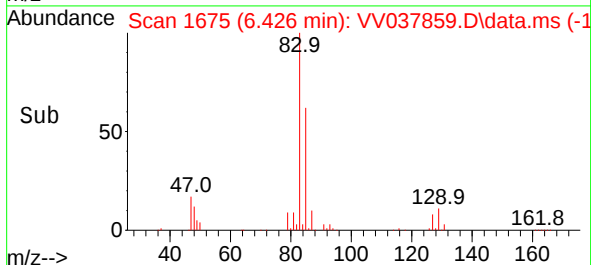
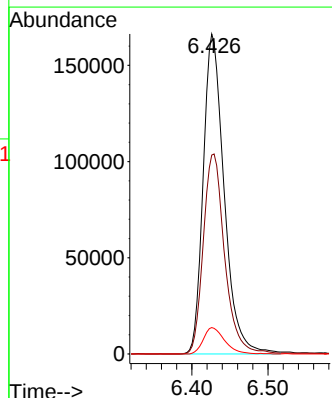
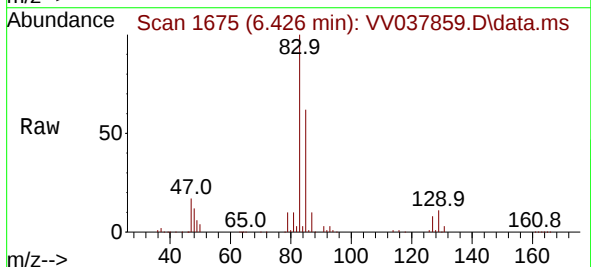
Tgt Ion: 83 Resp: 318408

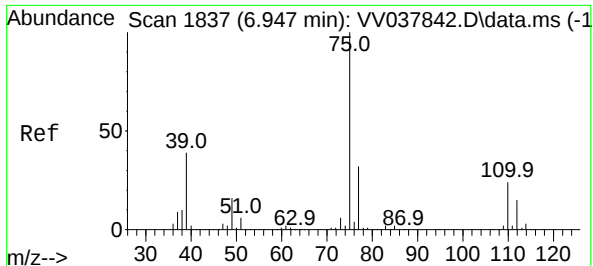
Ion Ratio Lower Upper

83 100

85 62.2 45.7 84.9

127 8.3 7.0 10.4

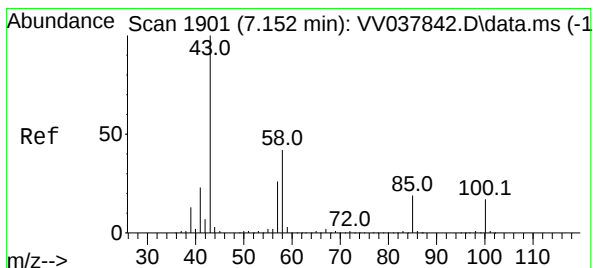
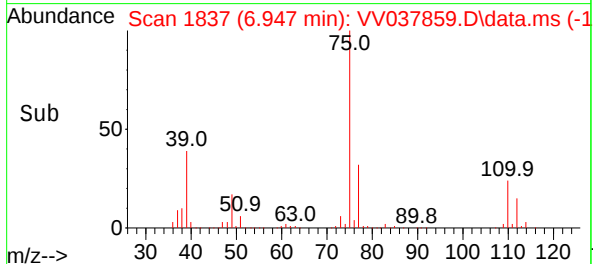
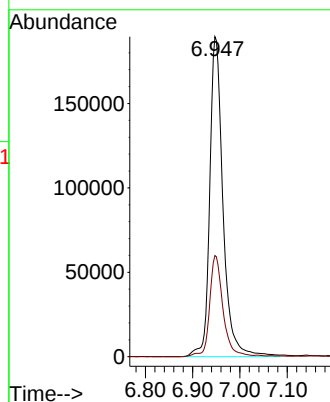
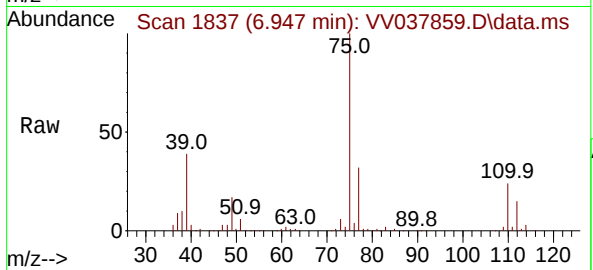




#39
 cis-1,3-Dichloropropene
 Concen: 50.168 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV037859.D
 Acq: 14 Oct 2024 16:04

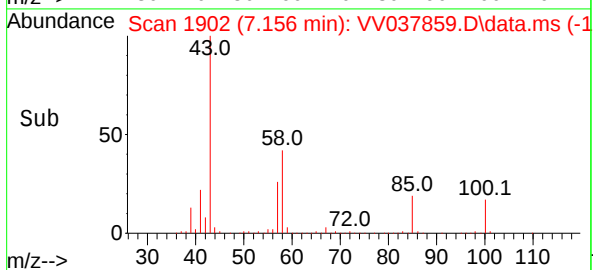
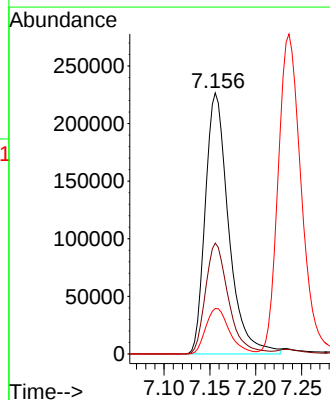
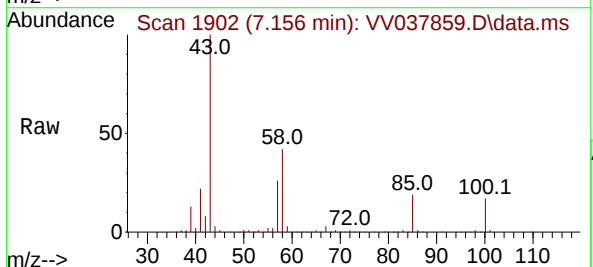
Instrument :
 MSVOA_V
 ClientSampleId :

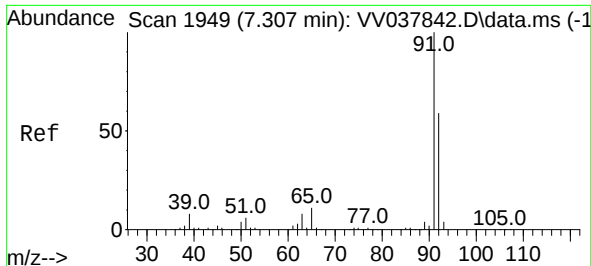
Tgt Ion: 75 Resp: 370454
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 106.923 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV037859.D
 Acq: 14 Oct 2024 16:04

Tgt Ion: 43 Resp: 402722
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.0 49.4
 100 17.7 13.7 20.5





#42

Toluene

Concen: 50.429 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

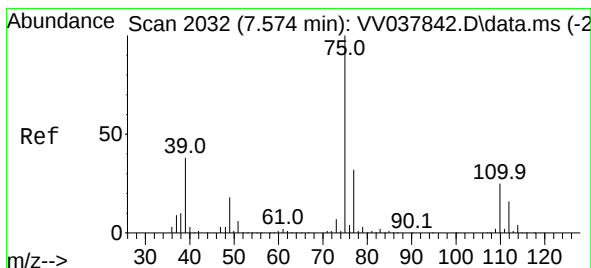
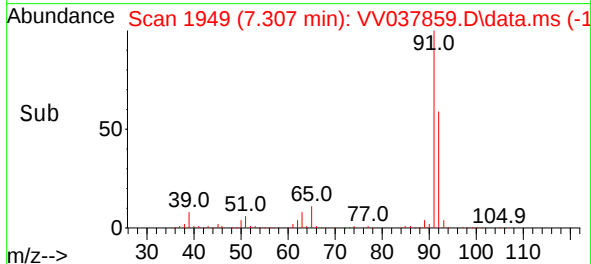
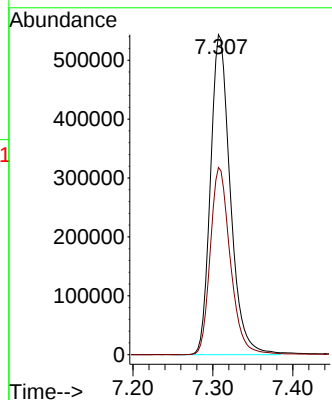
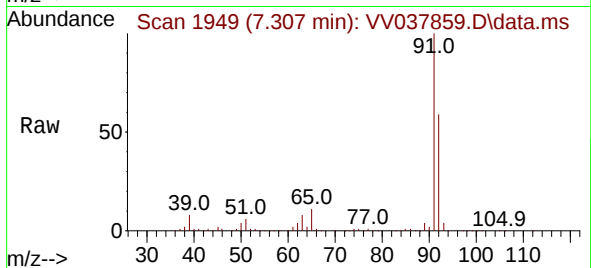
ClientSampleId :

Tgt Ion: 91 Resp: 936543

Ion Ratio Lower Upper

91 100

92 58.5 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 50.695 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037859.D

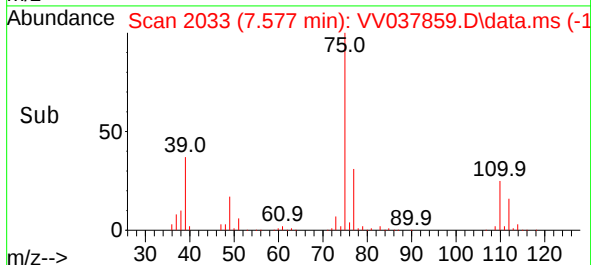
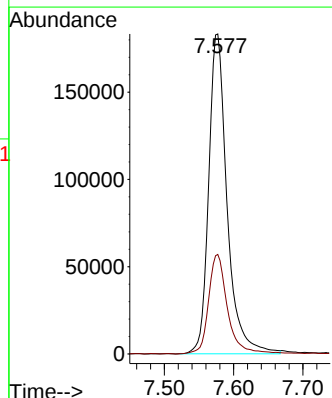
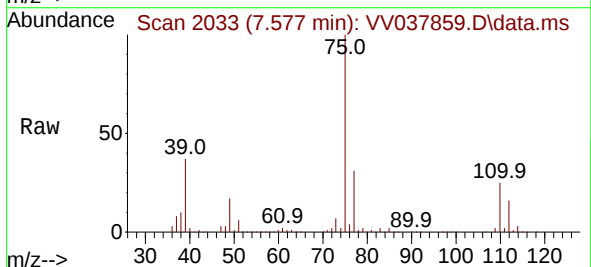
Acq: 14 Oct 2024 16:04

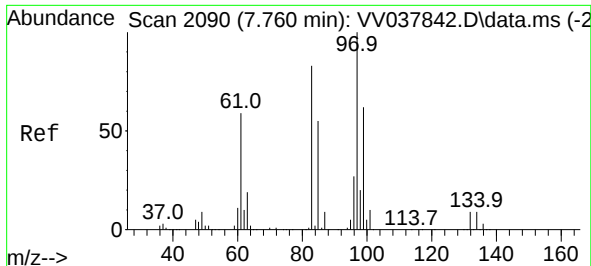
Tgt Ion: 75 Resp: 337028

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7



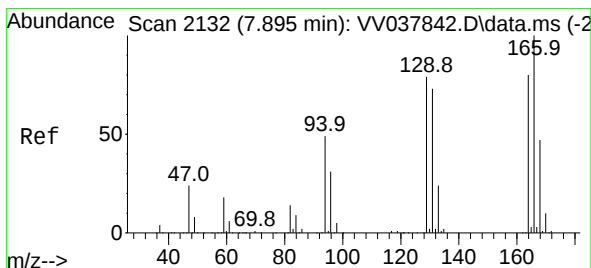
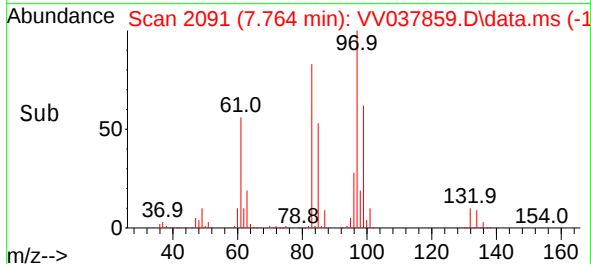
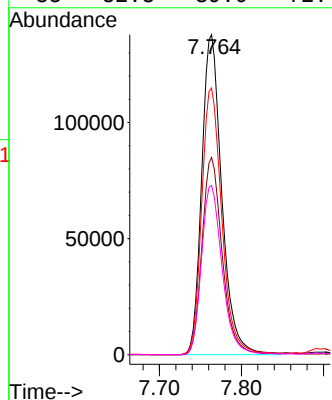
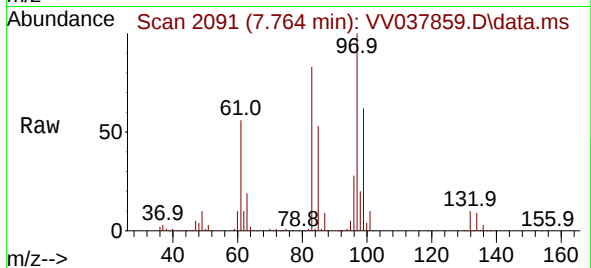


#45
1,1,2-Trichloroethane
Concen: 52.836 ug/L
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 234689

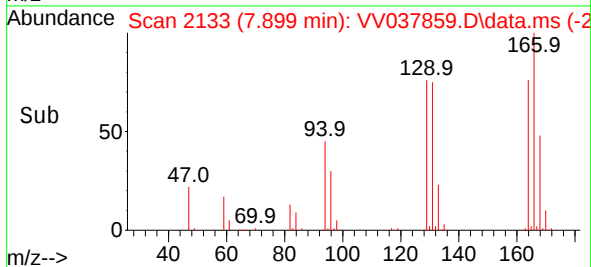
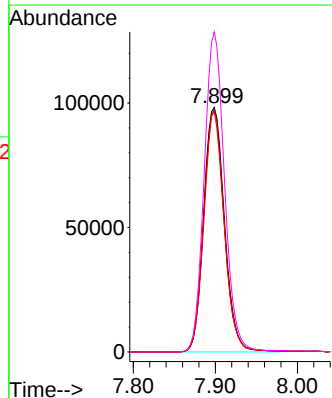
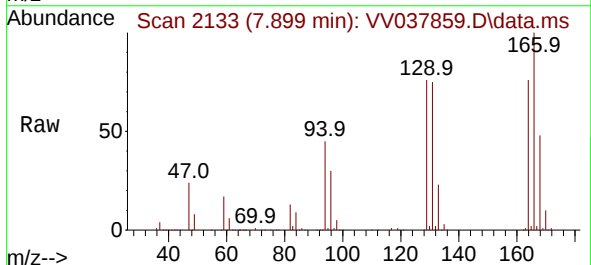
Ion	Ratio	Lower	Upper
97	100		
99	61.6	44.1	81.9
83	83.4	59.3	110.1
85	52.8	39.0	72.4

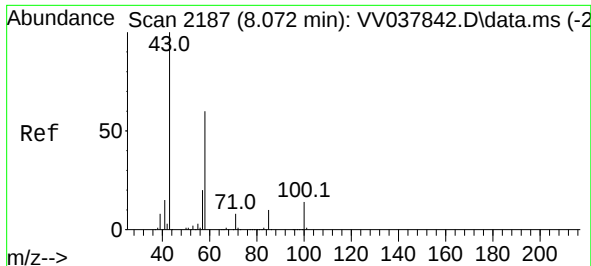


#46
Tetrachloroethene
Concen: 47.486 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

Tgt Ion: 164 Resp: 173207

Ion	Ratio	Lower	Upper
164	100		
129	99.2	68.2	126.6
131	98.1	66.1	122.8
166	130.8	91.1	169.1





#48

2-Hexanone

Concen: 102.573 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 300409

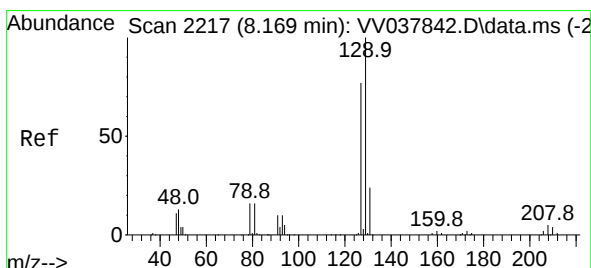
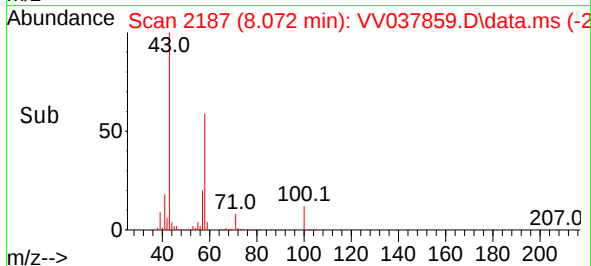
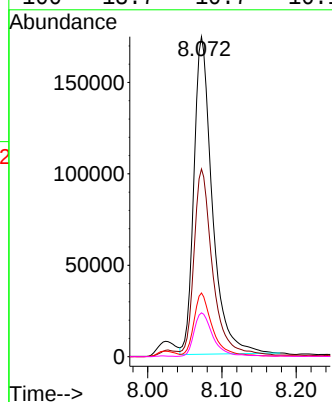
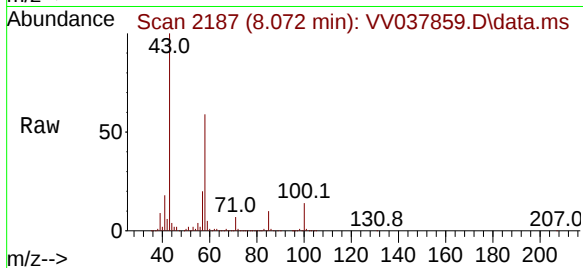
Ion Ratio Lower Upper

43 100

58 59.5 46.5 69.7

57 19.8 15.1 22.7

100 13.7 10.7 16.1



#49

Dibromochloromethane

Concen: 52.237 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037859.D

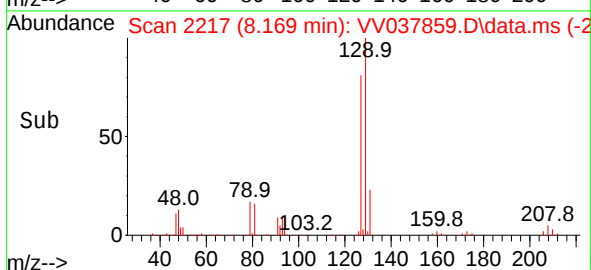
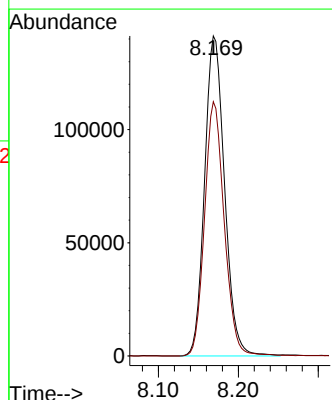
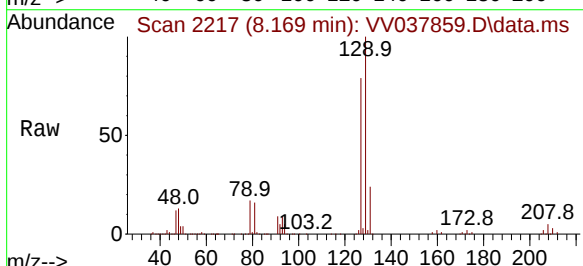
Acq: 14 Oct 2024 16:04

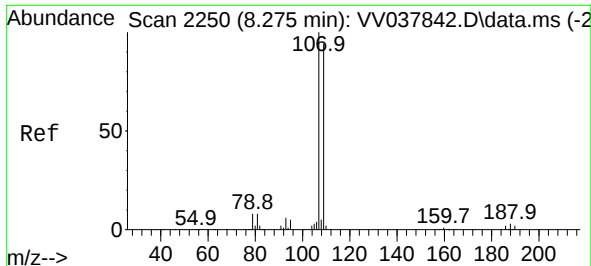
Tgt Ion:129 Resp: 245573

Ion Ratio Lower Upper

129 100

127 79.5 54.9 101.9





#50

1,2-Dibromoethane

Concen: 50.632 ug/L

RT: 8.275 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

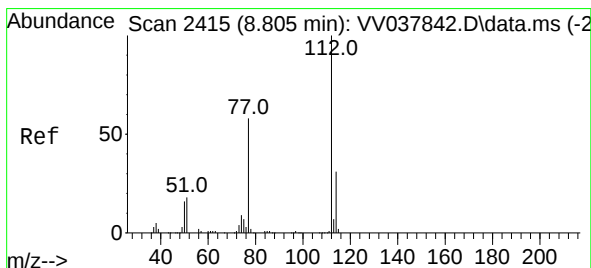
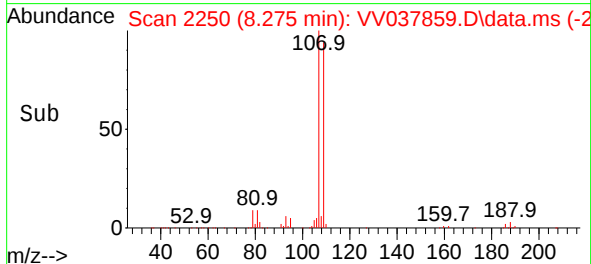
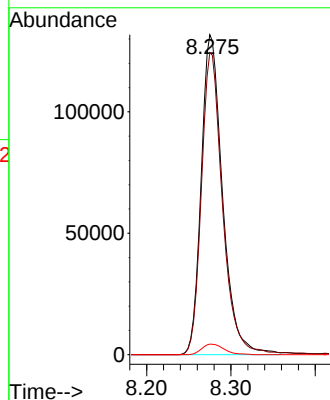
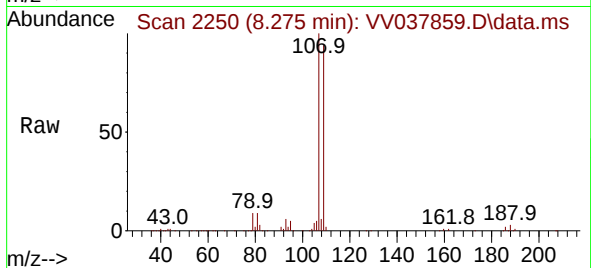
Tgt Ion:107 Resp: 232477

Ion Ratio Lower Upper

107 100

109 94.4 65.7 121.9

188 3.3 2.8 4.2



#51

Chlorobenzene

Concen: 50.043 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

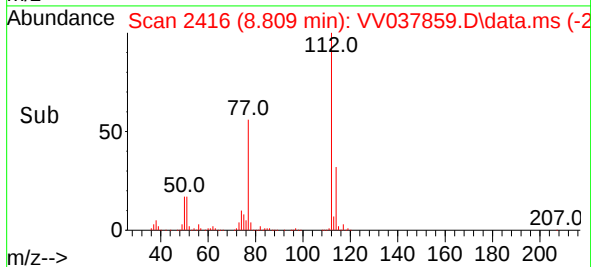
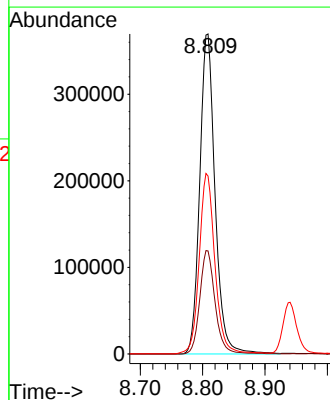
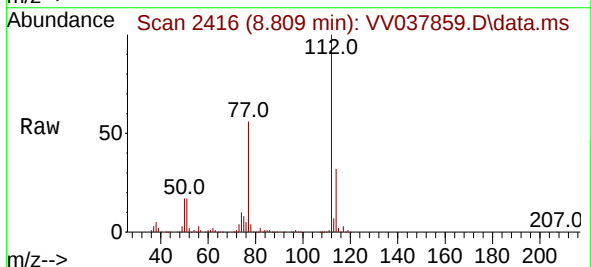
Tgt Ion:112 Resp: 633173

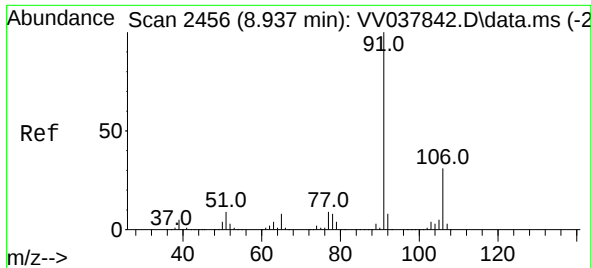
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 55.6 45.8 68.8

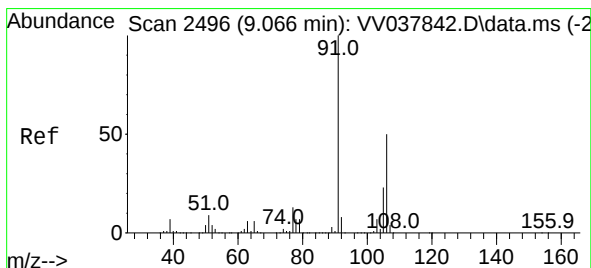
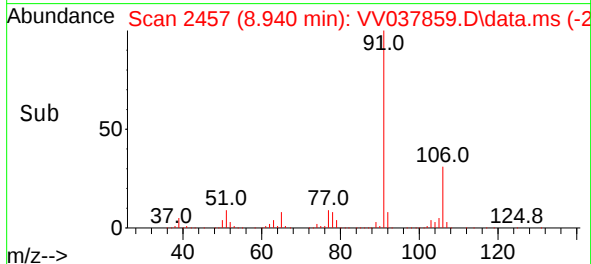
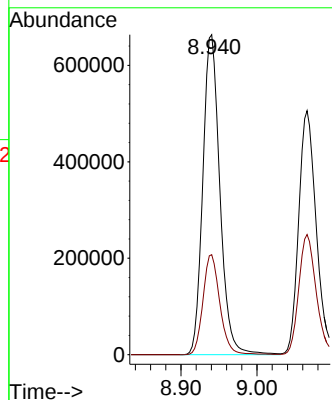
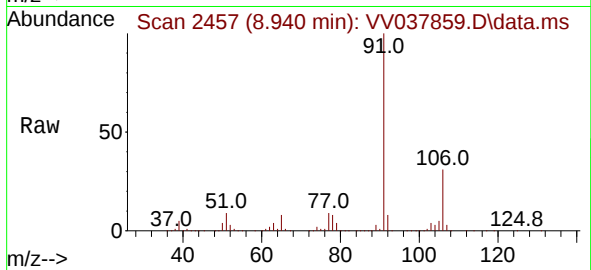




#52
Ethylbenzene
Concen: 49.466 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

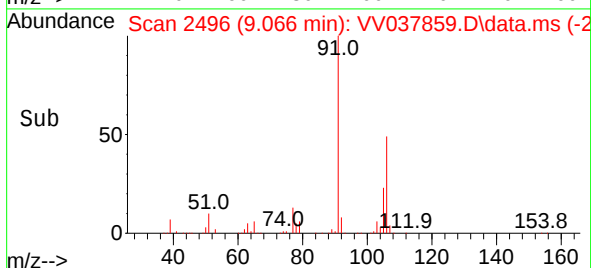
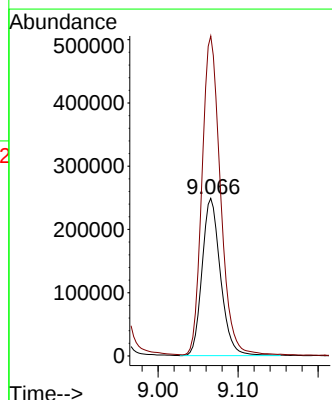
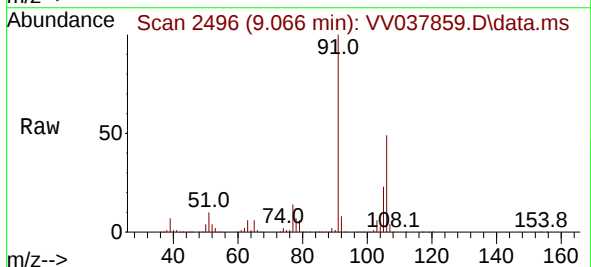
Instrument :
MSVOA_V
ClientSampleId :

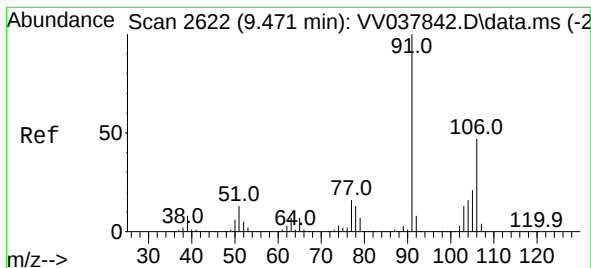
Tgt Ion: 91 Resp: 1034078
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 51.150 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

Tgt Ion:106 Resp: 397958
Ion Ratio Lower Upper
106 100
91 203.1 142.0 263.6





#54

o-Xylene

Concen: 51.193 ug/L

RT: 9.471 min Scan# 2622

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

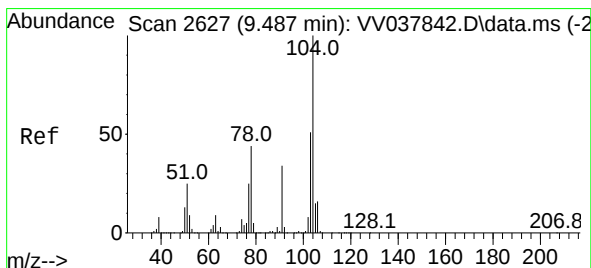
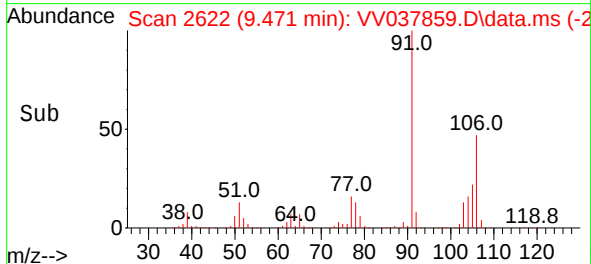
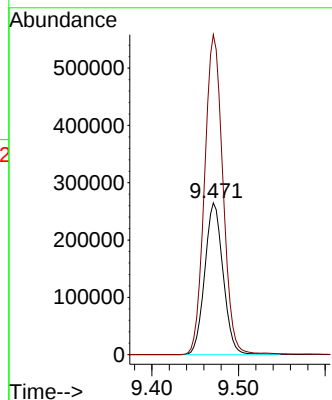
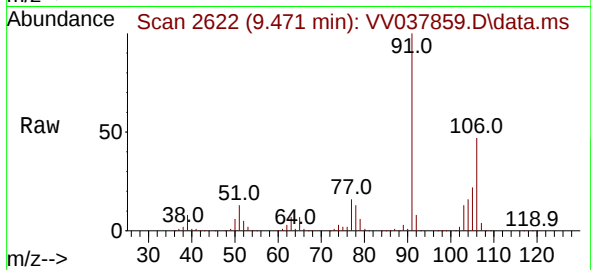
ClientSampleId :

Tgt Ion:106 Resp: 388844

Ion Ratio Lower Upper

106 100

91 210.8 153.9 285.9



#55

Styrene

Concen: 53.781 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.000 min

Lab File: VV037859.D

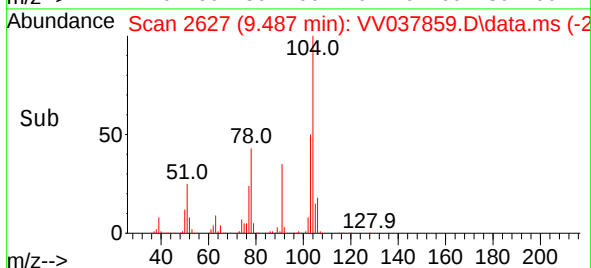
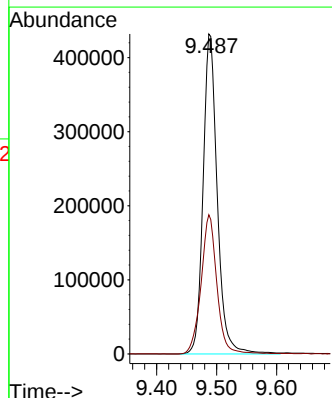
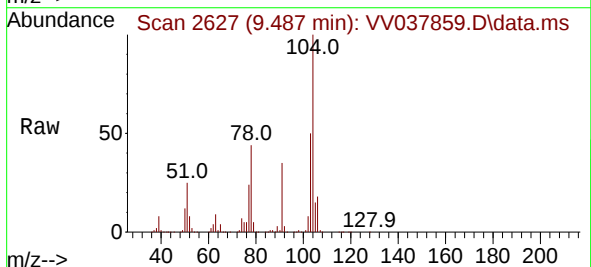
Acq: 14 Oct 2024 16:04

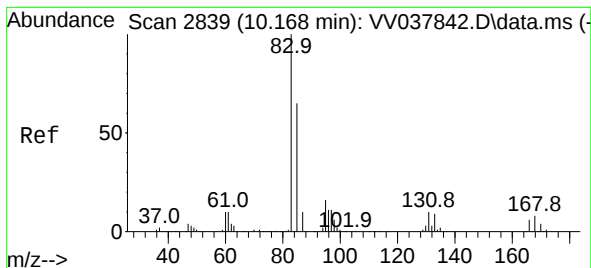
Tgt Ion:104 Resp: 711138

Ion Ratio Lower Upper

104 100

78 43.5 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 52.299 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

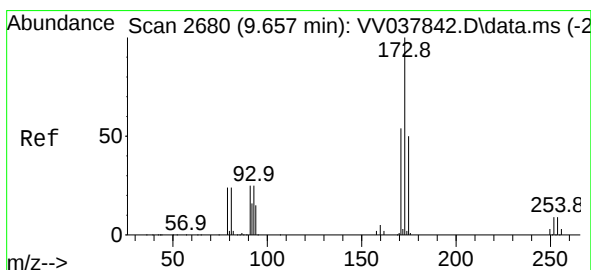
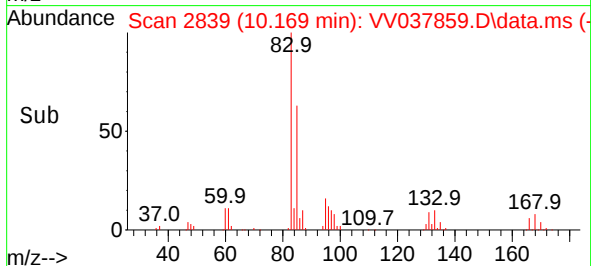
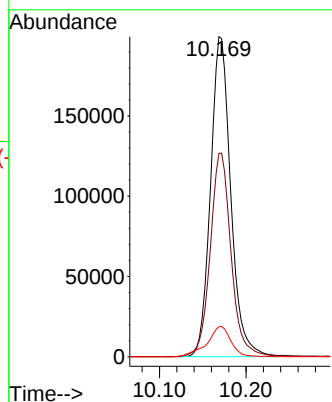
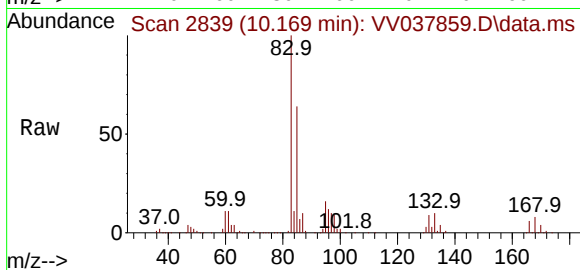
Tgt Ion: 83 Resp: 323881

Ion Ratio Lower Upper

83 100

85 63.6 45.9 85.3

131 9.4 7.9 11.9



#59

Bromoform

Concen: 49.514 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

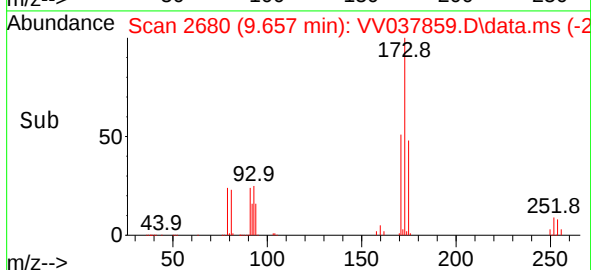
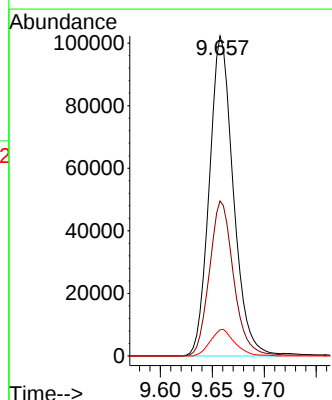
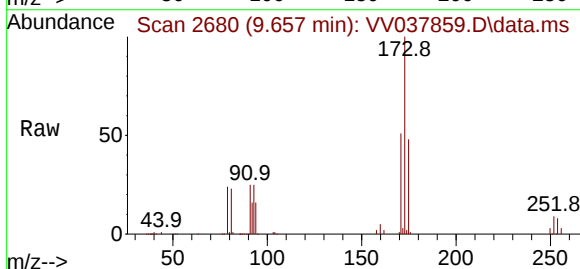
Tgt Ion:173 Resp: 164123

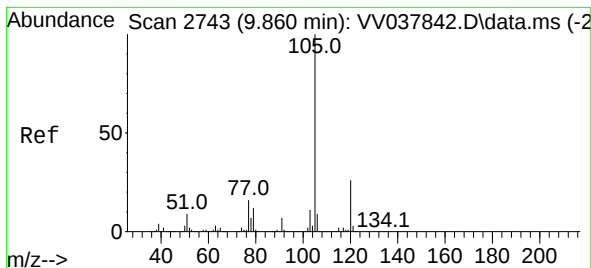
Ion Ratio Lower Upper

173 100

175 48.9 40.0 60.0

254 8.5 6.5 9.7





#60

Isopropylbenzene

Concen: 47.096 ug/L

RT: 9.860 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

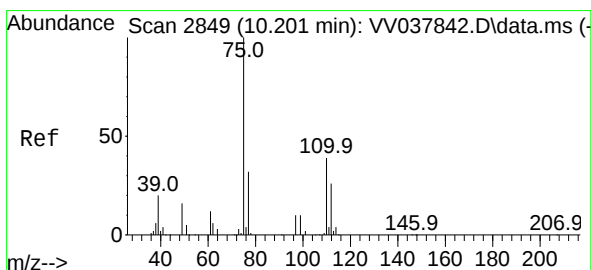
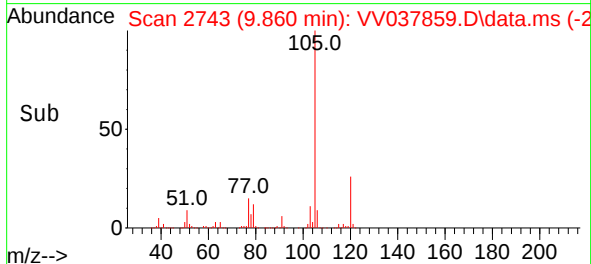
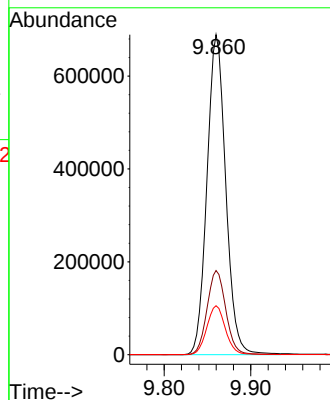
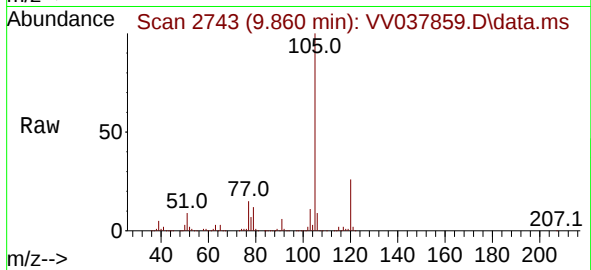
Tgt Ion:105 Resp: 1038424

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: 49.217 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

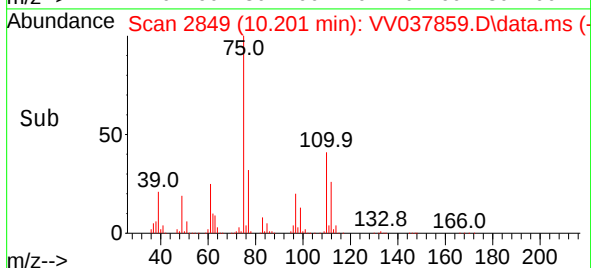
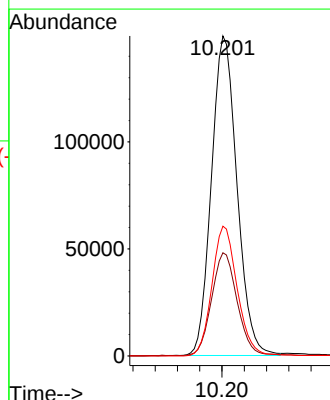
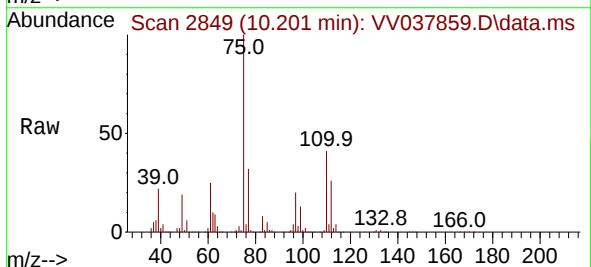
Tgt Ion: 75 Resp: 237510

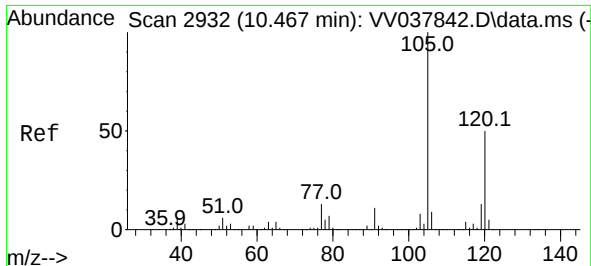
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

110 40.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 47.725 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

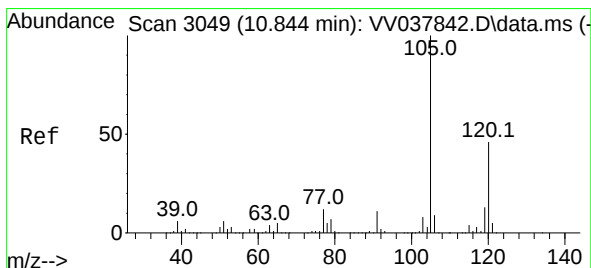
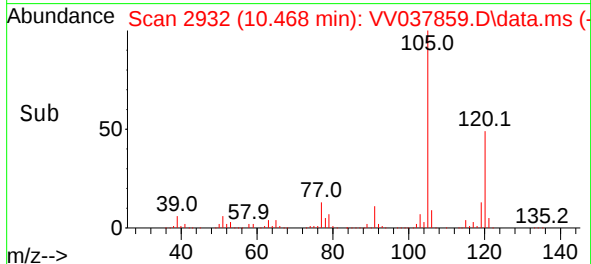
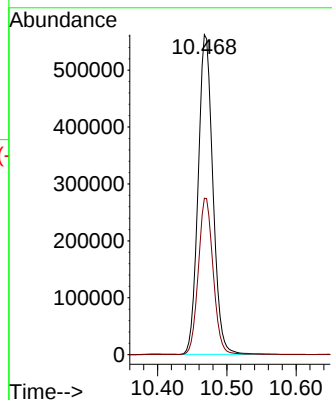
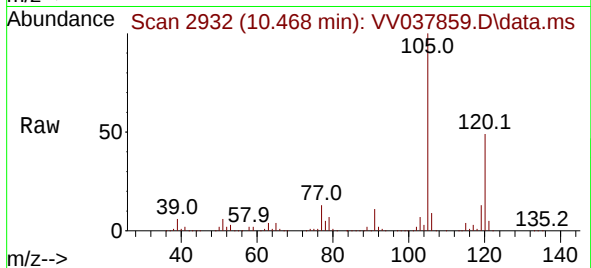
ClientSampleId :

Tgt Ion:105 Resp: 831945

Ion Ratio Lower Upper

105 100

120 49.1 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 47.592 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037859.D

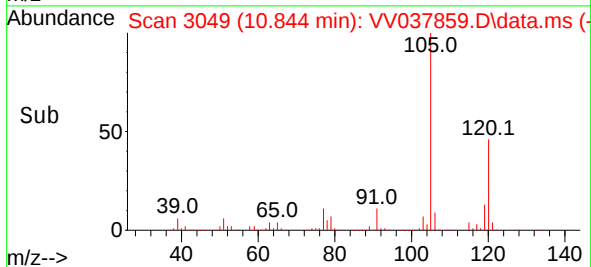
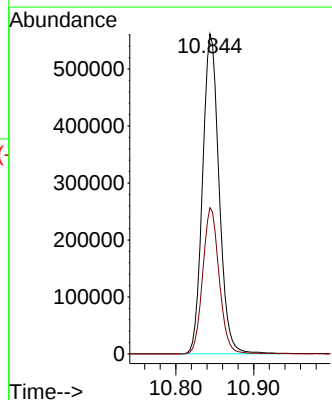
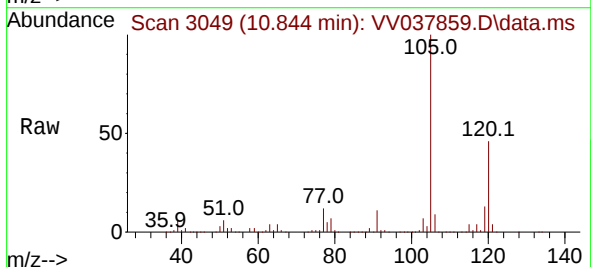
Acq: 14 Oct 2024 16:04

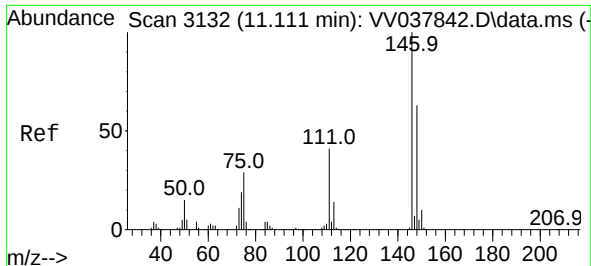
Tgt Ion:105 Resp: 825453

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 47.615 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

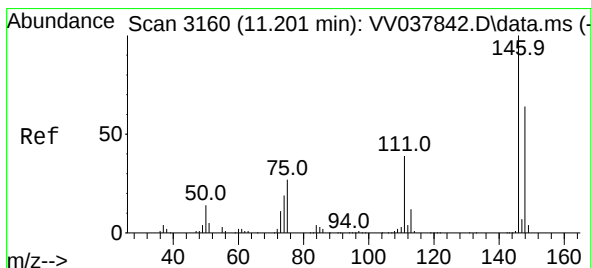
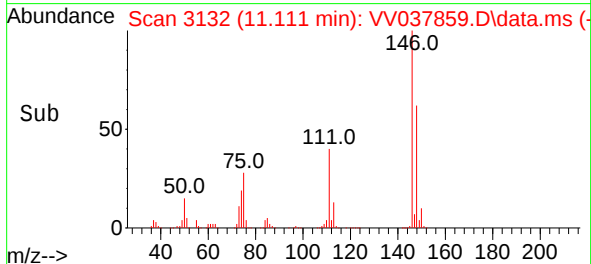
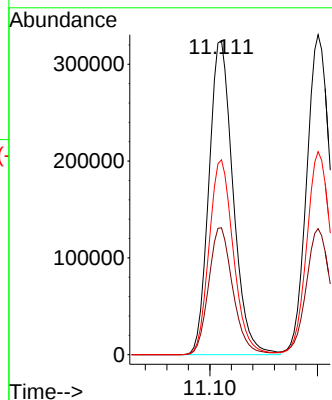
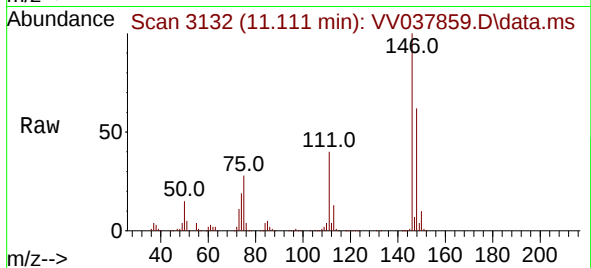
Tgt Ion:146 Resp: 505335

Ion Ratio Lower Upper

146 100

111 40.4 28.3 52.5

148 62.1 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 48.135 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

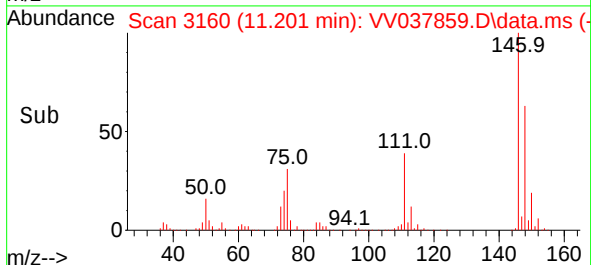
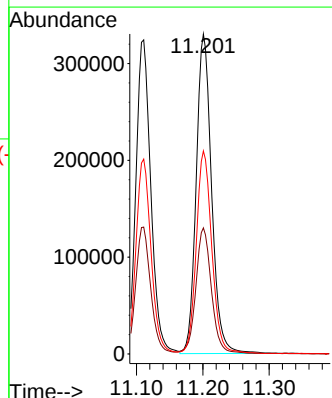
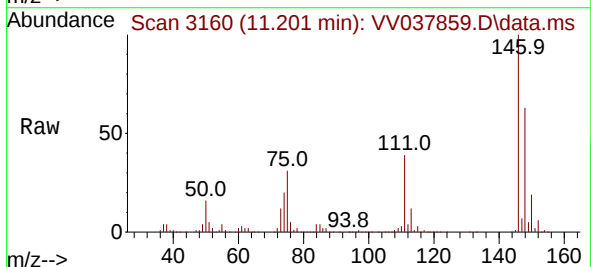
Tgt Ion:146 Resp: 531939

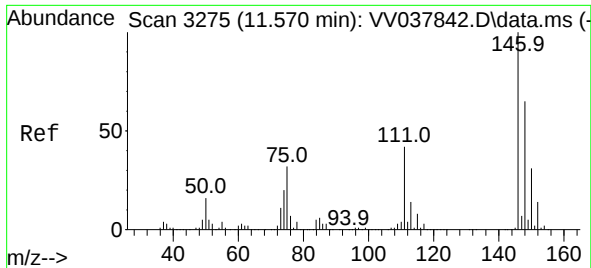
Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.4

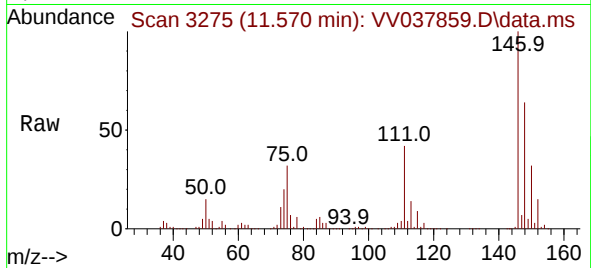
148 63.4 44.4 82.4



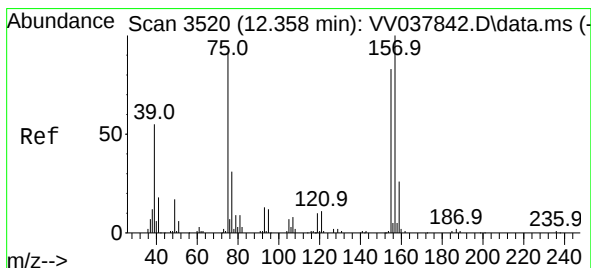
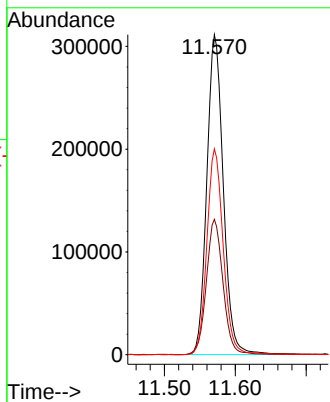
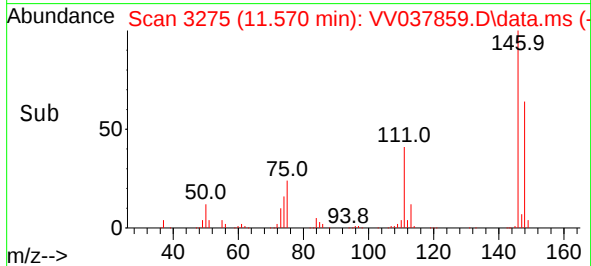


#67
1,2-Dichlorobenzene
Concen: 47.877 ug/L
RT: 11.570 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04

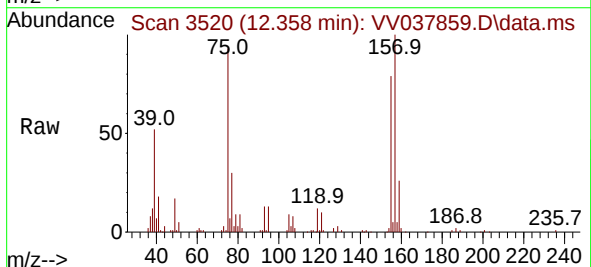
Instrument :
MSVOA_V
ClientSampleId :



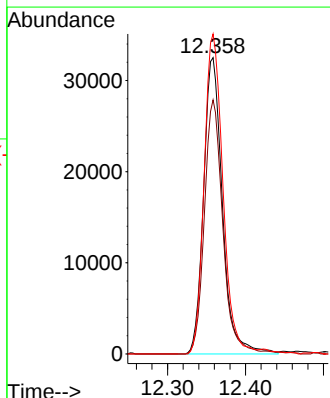
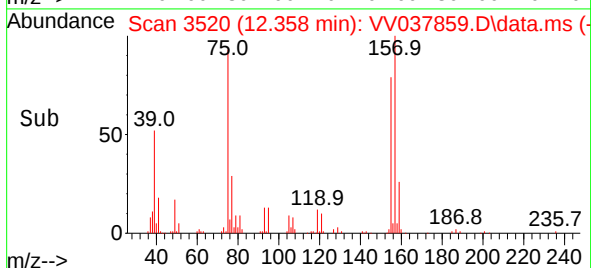
Tgt Ion:146 Resp: 502300
Ion Ratio Lower Upper
146 100
111 42.3 34.2 51.2
148 64.3 50.9 76.3

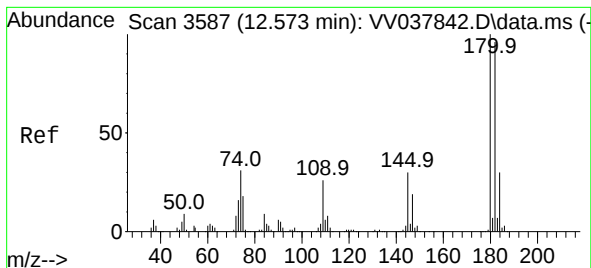


#68
1,2-Dibromo-3-chloropropane
Concen: 46.729 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV037859.D
Acq: 14 Oct 2024 16:04



Tgt Ion: 75 Resp: 54740
Ion Ratio Lower Upper
75 100
155 85.7 66.2 99.4
157 108.0 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 46.070 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

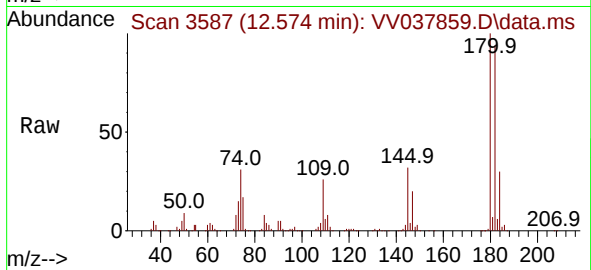
Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 336231

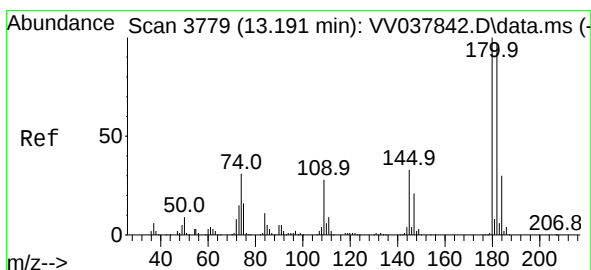
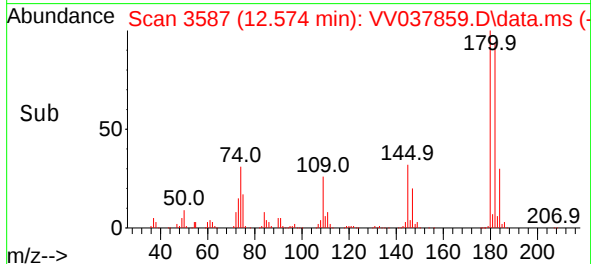
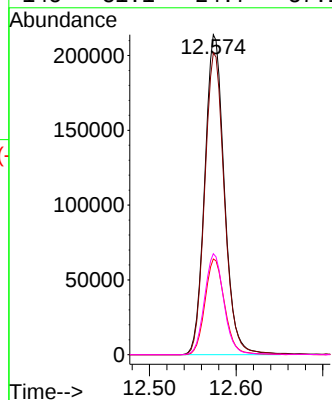
Ion Ratio Lower Upper

180 100

182 94.9 75.6 113.4

184 30.0 23.8 35.6

145 31.1 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 44.670 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

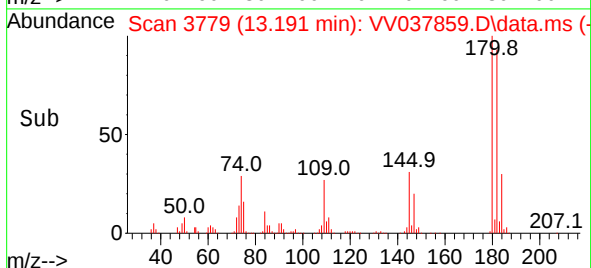
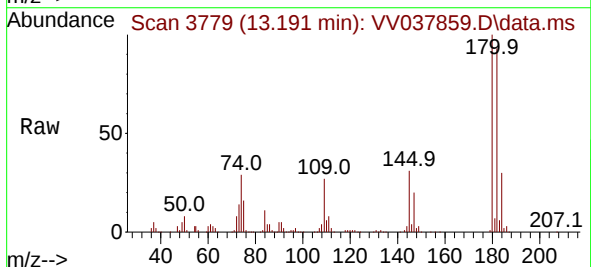
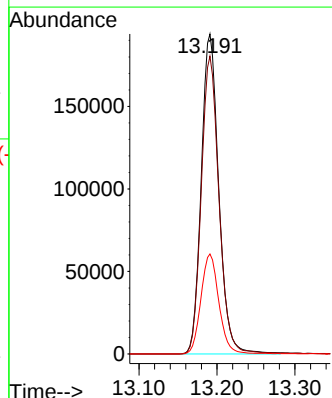
Tgt Ion:180 Resp: 302477

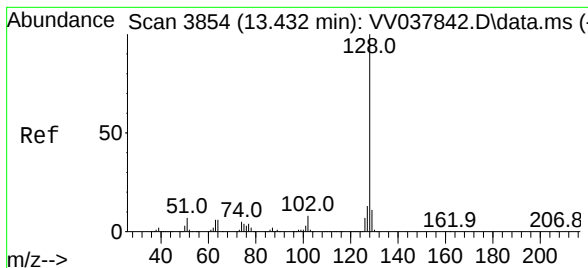
Ion Ratio Lower Upper

180 100

182 93.8 75.9 113.9

145 31.9 25.4 38.2





#71

Naphthalene

Concen: 44.733 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :

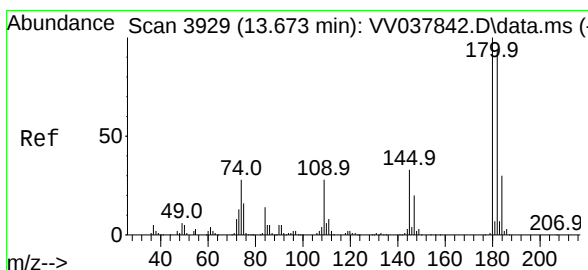
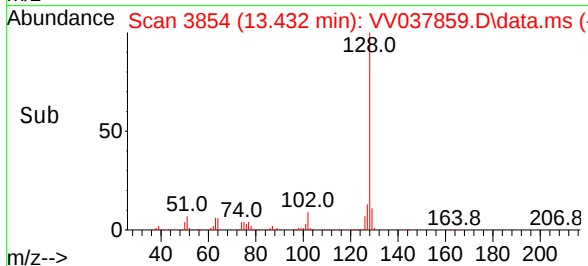
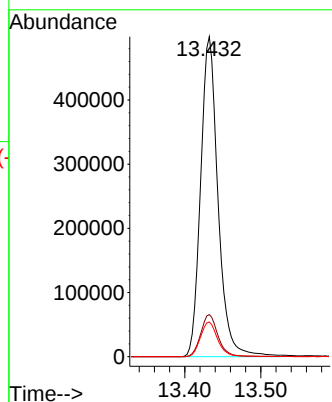
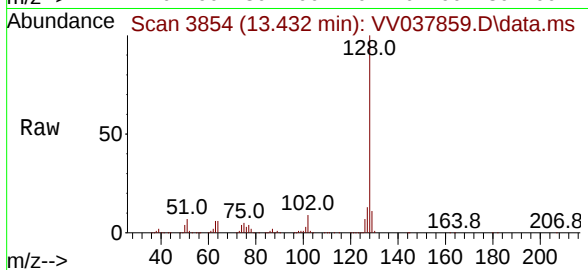
Tgt Ion:128 Resp: 791377

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 45.724 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037859.D

Acq: 14 Oct 2024 16:04

Tgt Ion:180 Resp: 305748

Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.8

145 34.8 26.2 39.4

