

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037203.D
 Acq On : 04 Sep 2024 17:35
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 02:27:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 02:17:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	543208	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	528357	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	271253	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	180340	18.534	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.120%
7) Chloroethane-d5	1.532	69	149650	19.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.240%
11) 1,1-Dichloroethene-d2	2.056	65	86231	19.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.800%
21) 2-Butanone-d5	3.834	46	48255	22.932	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.860%
24) Chloroform-d	4.243	84	368212	22.029	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.120%
26) 1,2-Dichloroethane-d4	4.937	65	194960	22.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	4.953	84	719221	21.542	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.160%
36) 1,2-Dichloropropane-d6	5.985	67	224801	21.735	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.920%
41) Toluene-d8	7.236	98	656689	21.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.551	79	90114	22.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.520%
47) 2-Hexanone-d5	8.030	63	66735	47.331	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	187068	23.530	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.120%
66) 1,2-Dichlorobenzene-d4	11.554	152	232489	21.957	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	177709	23.765	ug/L	98
3) Chloromethane	1.217	50	207109	23.176	ug/L	99
5) Vinyl chloride	1.281	62	201164	22.887	ug/L	99
6) Bromomethane	1.487	94	115892	22.793	ug/L	100
8) Chloroethane	1.548	64	127552	23.592	ug/L	99
9) Trichlorofluoromethane	1.712	101	275125	22.933	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	172172	22.972	ug/L	97
12) 1,1-Dichloroethene	2.069	96	158204	23.172	ug/L	93
13) Acetone	2.384	43	85824	32.592	ug/L	71
14) Carbon disulfide	2.240	76	509134	22.719	ug/L	100
15) Methyl Acetate	2.384	43	90869	24.416	ug/L	100
16) Methylene chloride	2.445	84	207204	20.813	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	173527	23.297	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	444554	25.497	ug/L	100
19) 1,1-Dichloroethane	3.105	63	347215	24.347	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	189288	24.074	ug/L	98
23) Bromochloromethane	4.143	128	86954	24.814	ug/L	98
25) Chloroform	4.272	83	338535	24.453	ug/L	99
27) 1,2-Dichloroethane	5.040	62	220467	25.143	ug/L	100

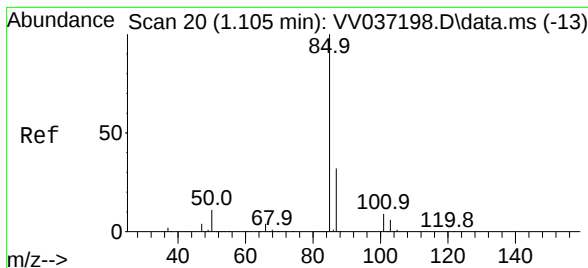
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 02:17:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.574	56	272064	22.822	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	271343	23.124	ug/L	99
31) Carbon tetrachloride	4.728	117	234261	23.614	ug/L	100
33) Benzene	5.005	78	722185	24.361	ug/L	100
34) Trichloroethene	5.828	95	190920	23.663	ug/L	97
35) Methylcyclohexane	6.043	83	303152	23.059	ug/L	99
37) 1,2-Dichloropropane	6.088	63	187047	24.111	ug/L	99
38) Bromodichloromethane	6.429	83	236445	24.545	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	276926	23.539	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	227969	53.014	ug/L	100
42) Toluene	7.310	91	758263	24.306	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	234476	24.624	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	144613	24.964	ug/L	98
46) Tetrachloroethene	7.899	164	137220	23.137	ug/L	97
48) 2-Hexanone	8.079	43	165733	46.248	ug/L	98
49) Dibromochloromethane	8.172	129	151136	25.073	ug/L	96
50) 1,2-Dibromoethane	8.278	107	139501	25.204	ug/L	96
51) Chlorobenzene	8.809	112	488816	23.944	ug/L	99
52) Ethylbenzene	8.940	91	851344	24.370	ug/L	100
53) m,p-Xylene	9.069	106	316377	24.410	ug/L	98
54) o-Xylene	9.474	106	304886	24.419	ug/L	99
55) Styrene	9.490	104	536374	25.333	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	174148	25.227	ug/L	98
59) Bromoform	9.661	173	83094	24.127	ug/L	98
60) Isopropylbenzene	9.860	105	838608	23.807	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	122649	24.538	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	681847	24.373	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	672324	24.232	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	383733	23.892	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	386840	23.624	ug/L	97
67) 1,2-Dichlorobenzene	11.570	146	356958	23.962	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	26479	23.471	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	267984	23.517	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	236274	23.486	ug/L	99
71) Naphthalene	13.432	128	455146	23.191	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	224487	24.299	ug/L	97

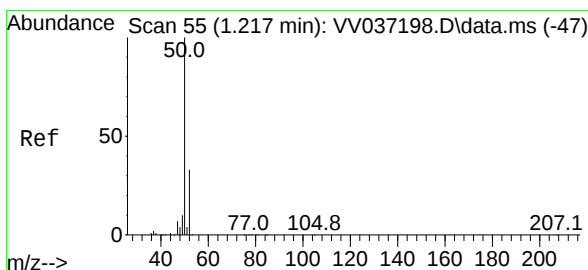
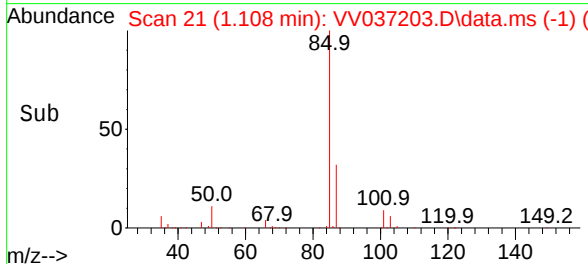
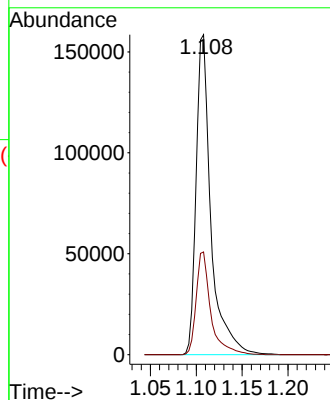
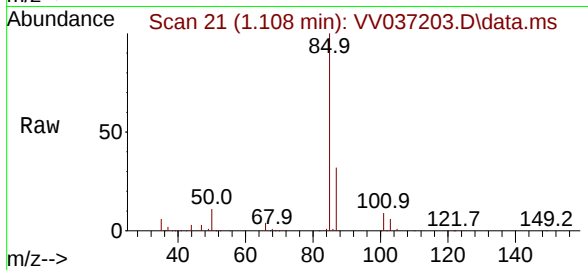
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#2
 Dichlorodifluoromethane
 Concen: 23.765 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037203.D
 Acq: 04 Sep 2024 17:35

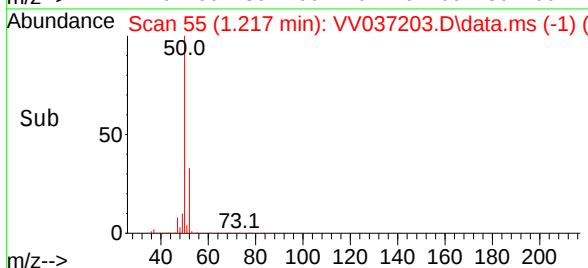
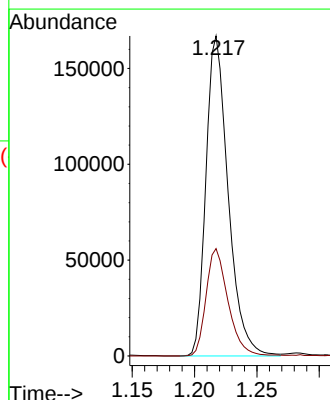
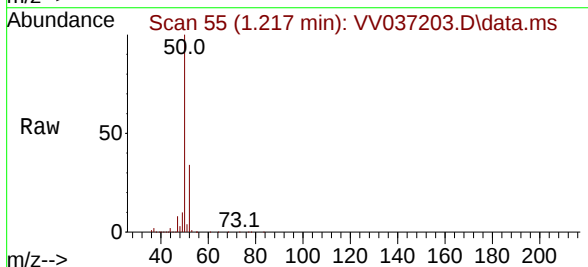
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 ClientSampleId :

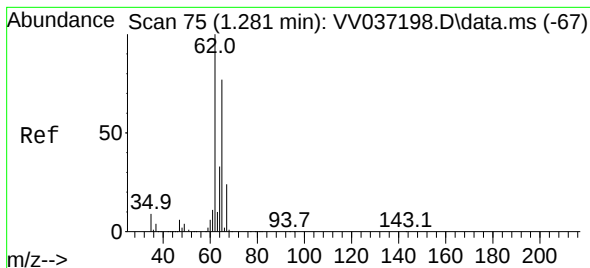
Tgt Ion: 85 Resp: 177709
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.1 39.1



#3
 Chloromethane
 Concen: 23.176 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037203.D
 Acq: 04 Sep 2024 17:35

Tgt Ion: 50 Resp: 207109
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.9 42.5





#5

Vinyl chloride

Concen: 22.887 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

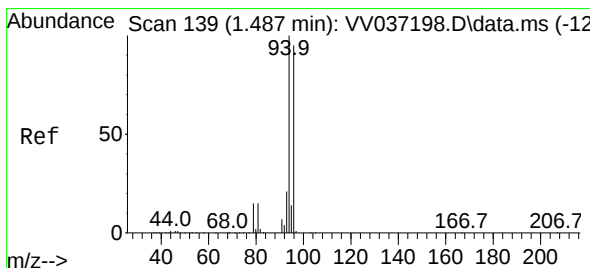
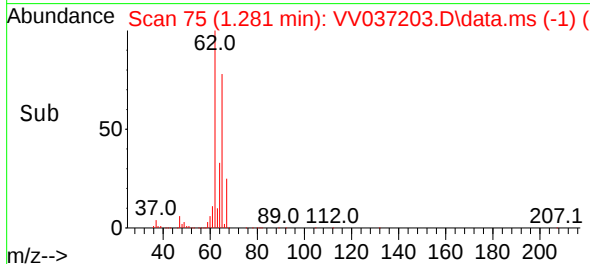
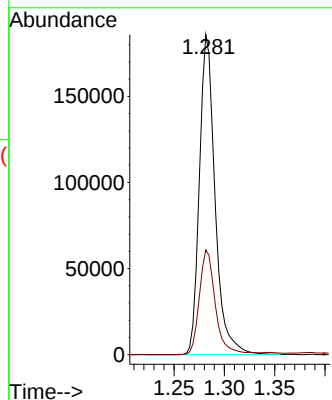
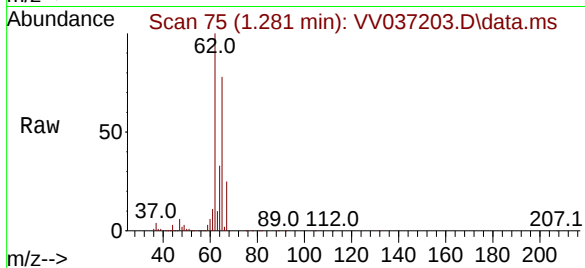
ClientSampleId :

Tgt Ion: 62 Resp: 201164

Ion Ratio Lower Upper

62 100

64 32.7 23.2 43.2



#6

Bromomethane

Concen: 22.793 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037203.D

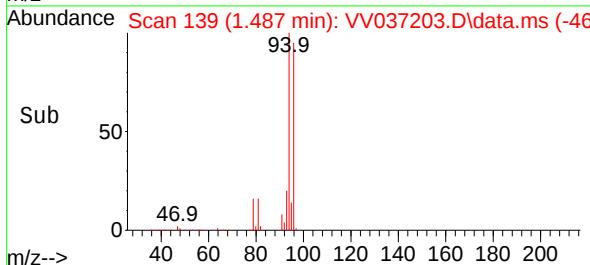
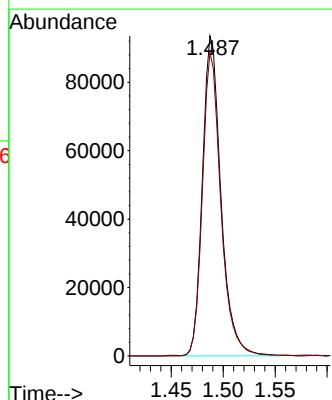
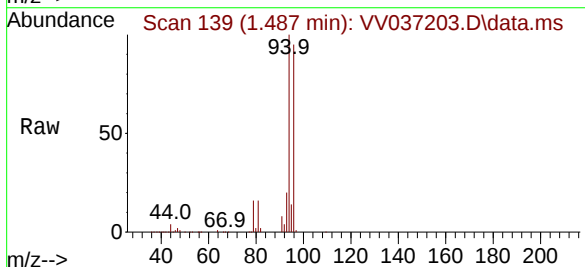
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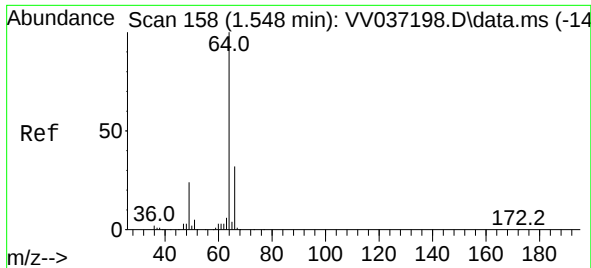
Tgt Ion: 94 Resp: 115892

Ion Ratio Lower Upper

94 100

96 94.8 66.6 123.6

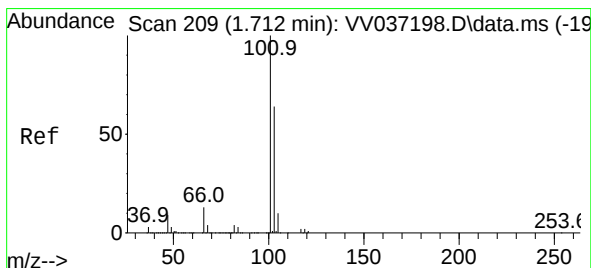
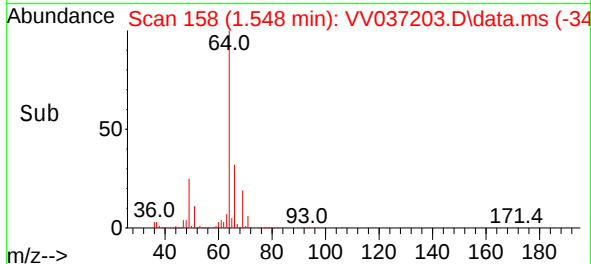
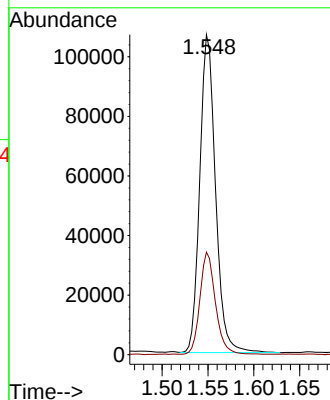
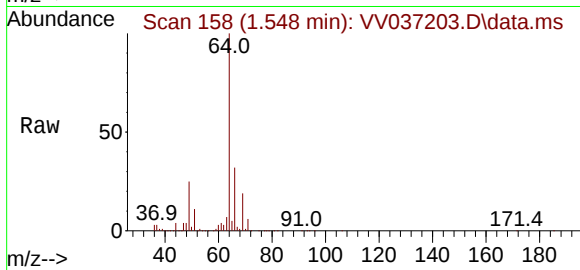




#8
Chloroethane
Concen: 23.592 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

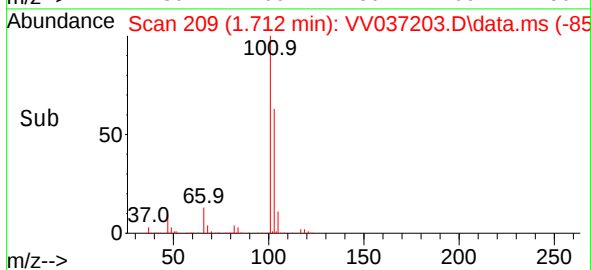
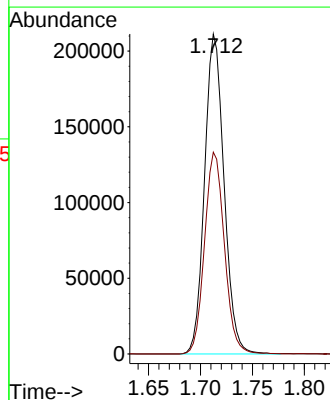
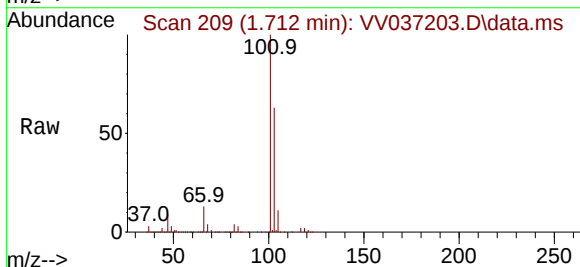
Instrument :
MSVOA_V
ClientSampleId :

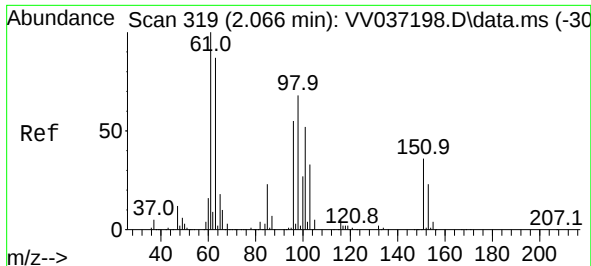
Tgt Ion: 64 Resp: 127552
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 22.933 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

Tgt Ion: 101 Resp: 275125
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

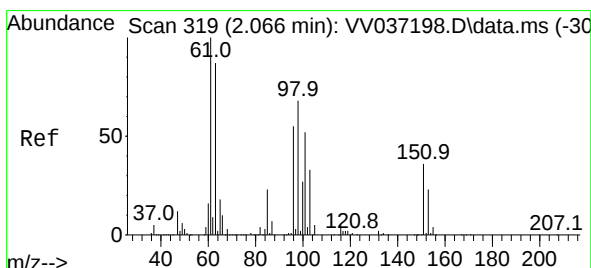
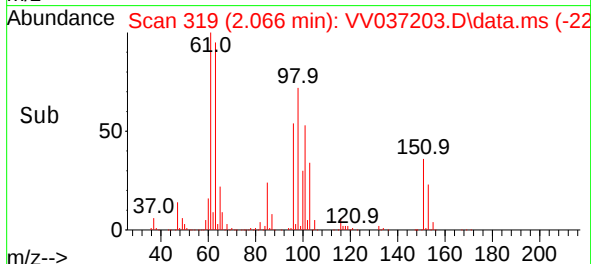
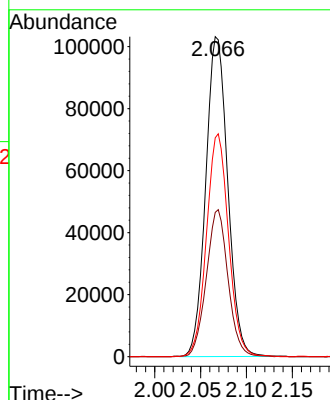
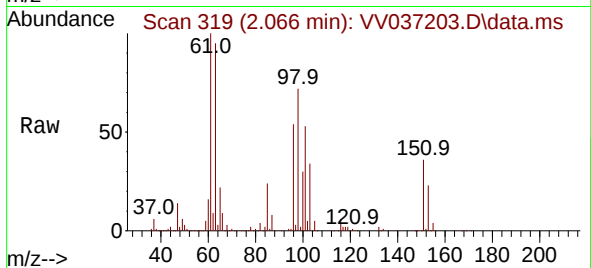




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.972 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037203.D
 Acq: 04 Sep 2024 17:35

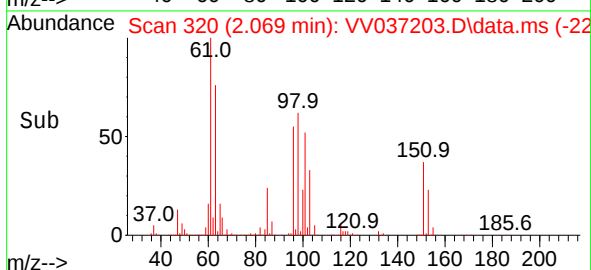
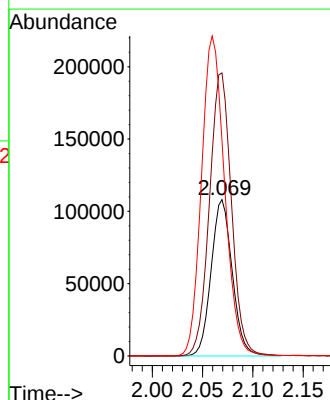
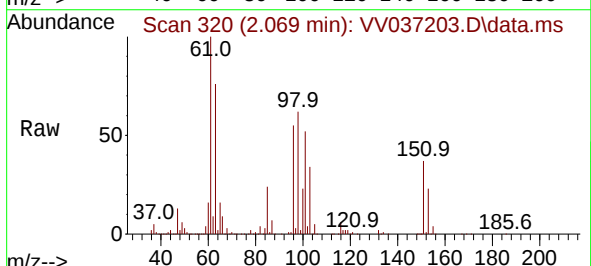
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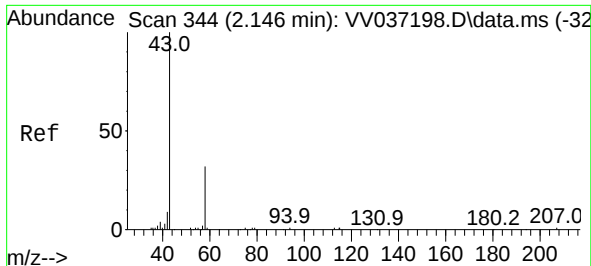
Tgt Ion:101 Resp: 172172
 Ion Ratio Lower Upper
 101 100
 85 45.4 34.7 52.1
 151 69.8 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 23.172 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV037203.D
 Acq: 04 Sep 2024 17:35

Tgt Ion: 96 Resp: 158204
 Ion Ratio Lower Upper
 96 100
 61 181.1 126.8 235.6
 63 138.0 110.4 205.0





#13

Acetone

Concen: 32.592 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.238 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

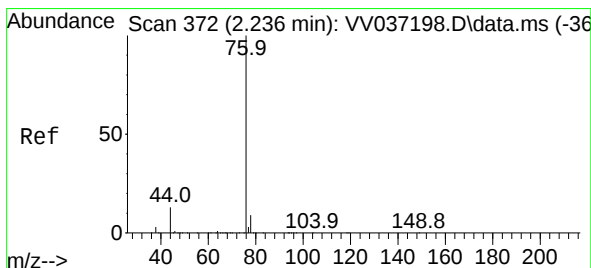
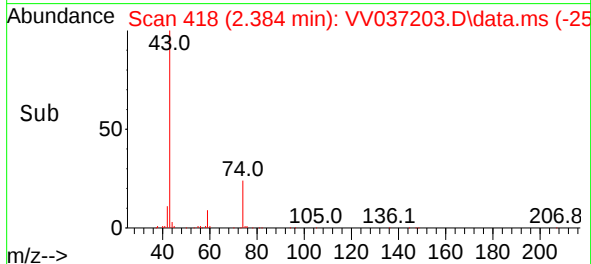
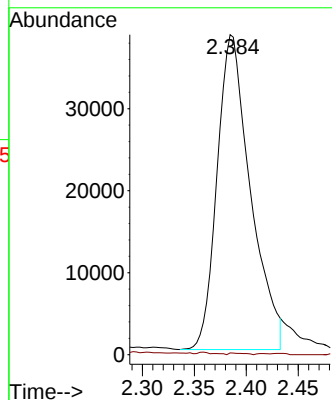
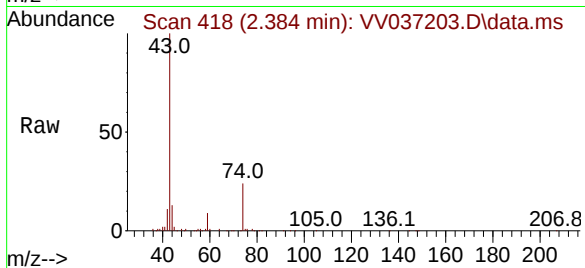
ClientSampleId :

Tgt Ion: 43 Resp: 85824

Ion Ratio Lower Upper

43 100

58 0.2 0.0 22.2



#14

Carbon disulfide

Concen: 22.719 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV037203.D

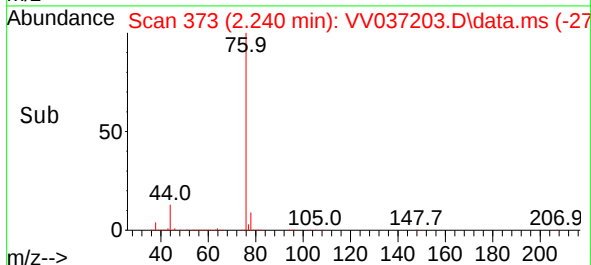
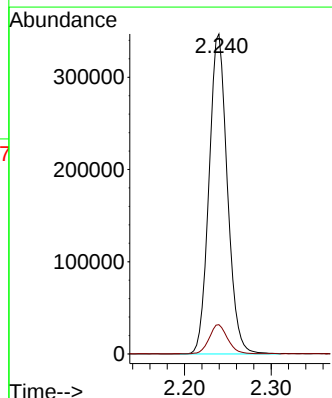
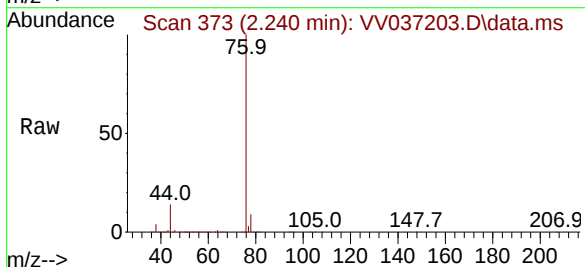
Acq: 04 Sep 2024 17:35

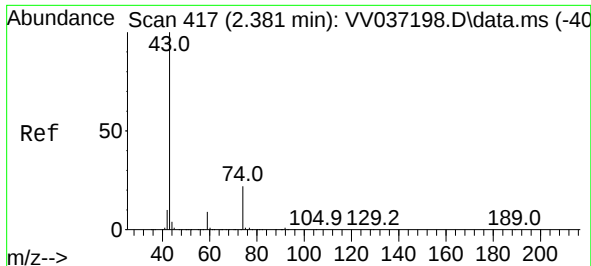
Tgt Ion: 76 Resp: 509134

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 24.416 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

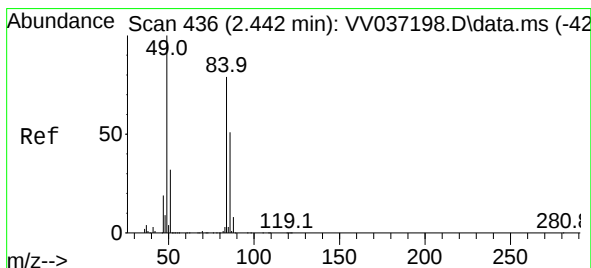
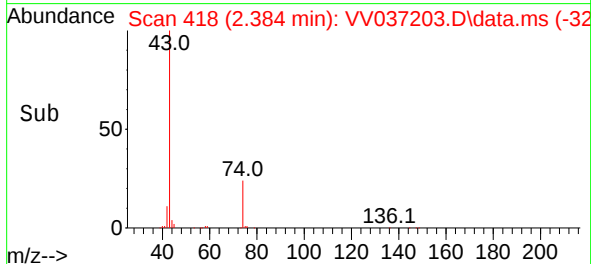
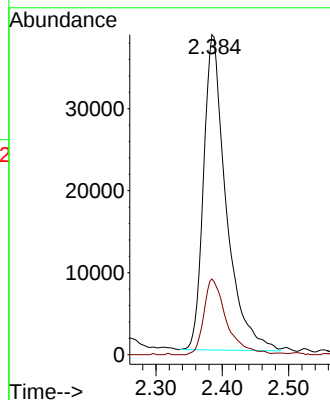
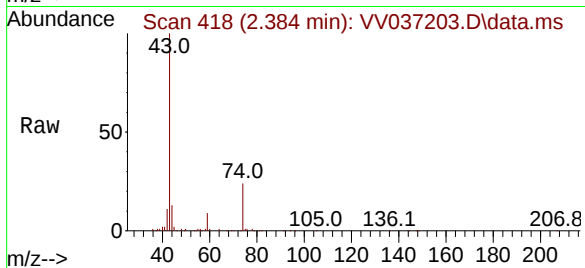
ClientSampleId :

Tgt Ion: 43 Resp: 90869

Ion Ratio Lower Upper

43 100

74 23.8 19.0 28.4



#16

Methylene chloride

Concen: 20.813 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

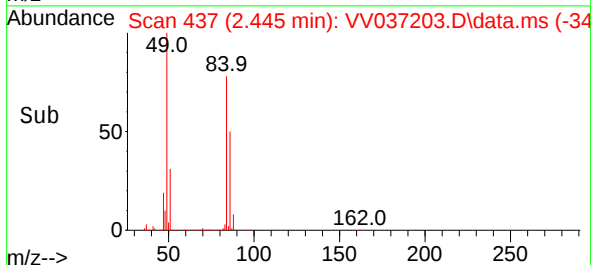
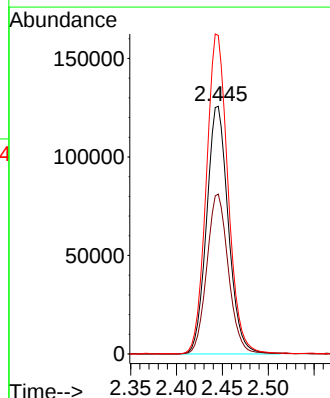
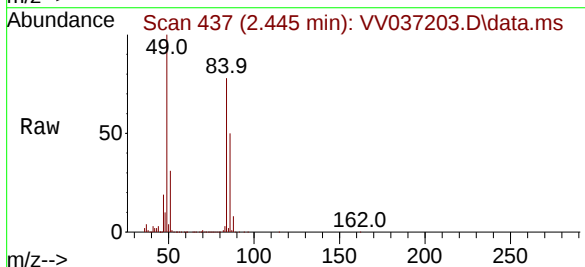
Tgt Ion: 84 Resp: 207204

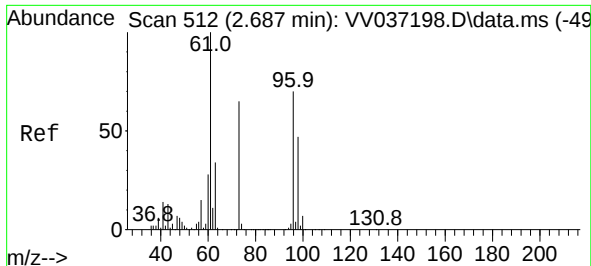
Ion Ratio Lower Upper

84 100

86 64.5 45.4 84.2

49 128.6 88.7 164.7

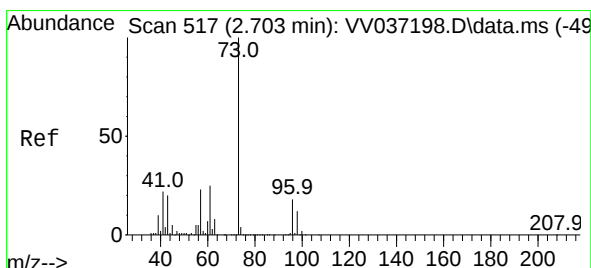
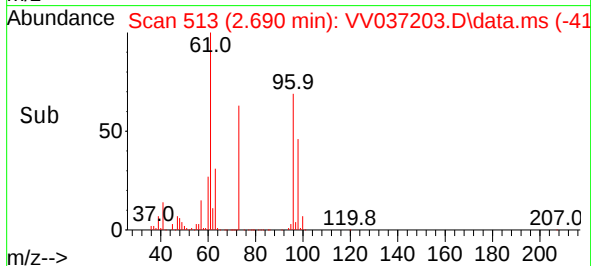
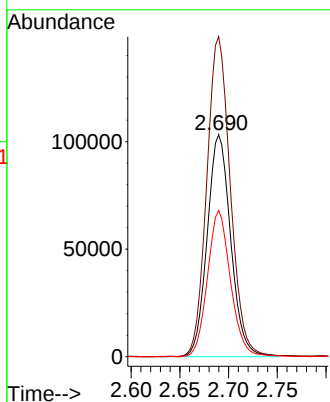
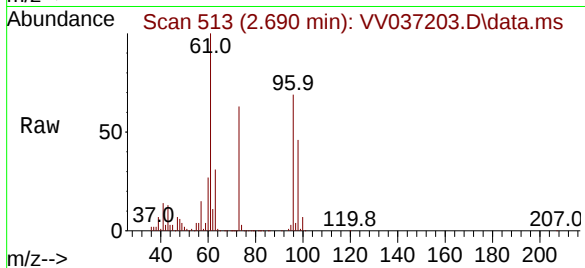




#17
trans-1,2-Dichloroethene
Concen: 23.297 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

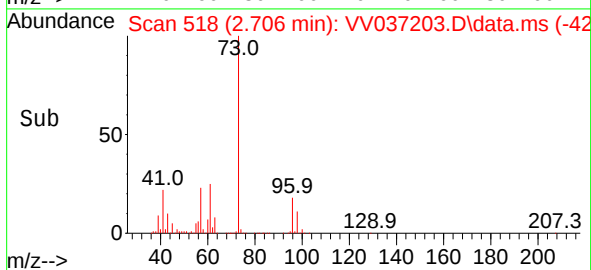
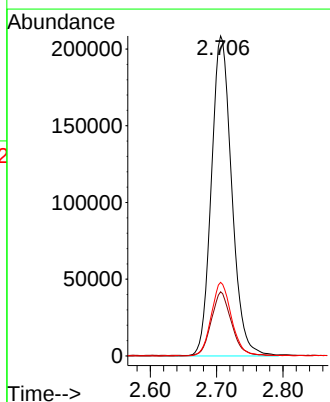
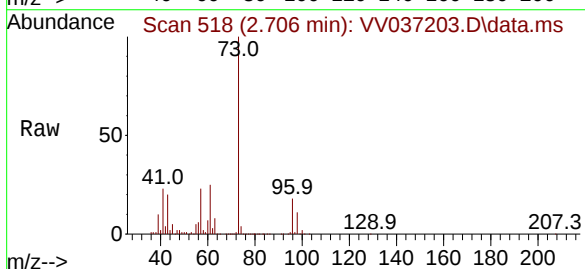
Instrument :
MSVOA_V
ClientSampleId :

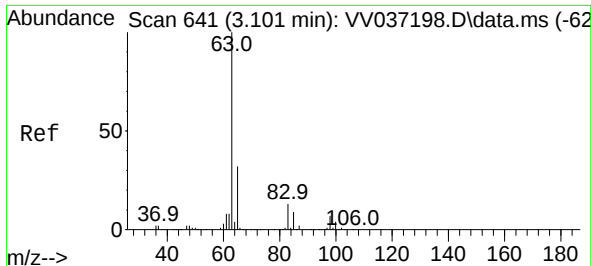
Tgt Ion: 96 Resp: 173527
Ion Ratio Lower Upper
96 100
61 144.1 99.7 185.1
98 65.8 46.4 86.2



#18
Methyl tert-butyl Ether
Concen: 25.497 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

Tgt Ion: 73 Resp: 444554
Ion Ratio Lower Upper
73 100
43 19.5 15.7 23.5
57 22.8 18.3 27.5

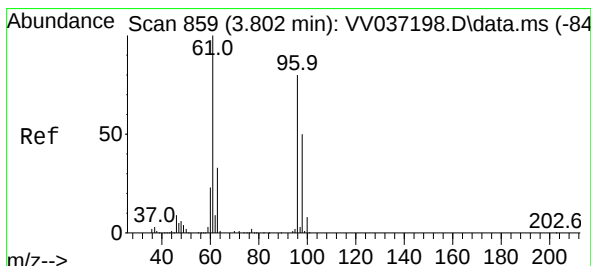
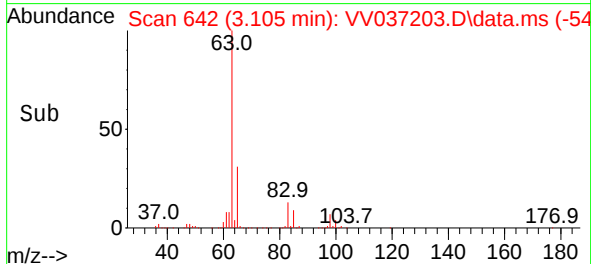
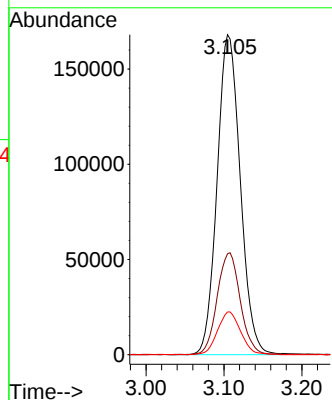
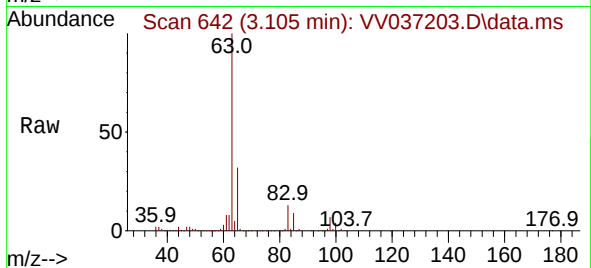




#19
1,1-Dichloroethane
Concen: 24.347 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

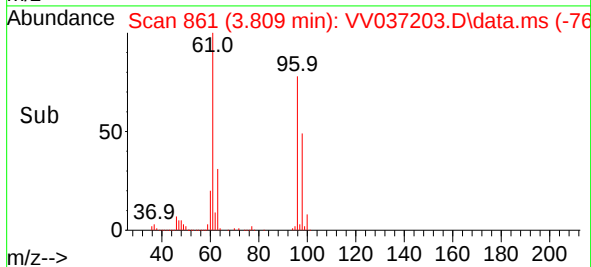
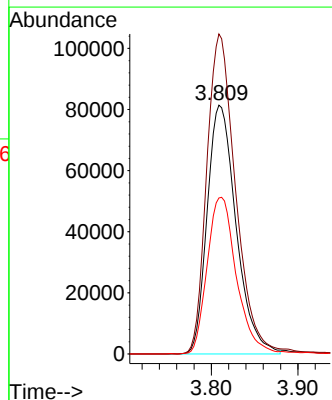
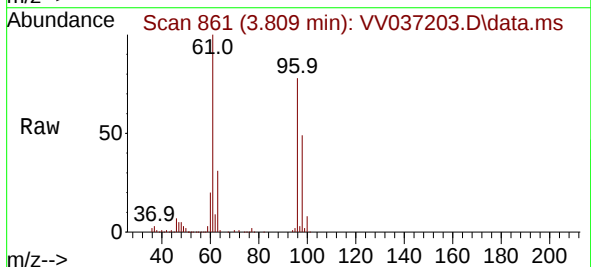
Instrument :
MSVOA_V
ClientSampleId :

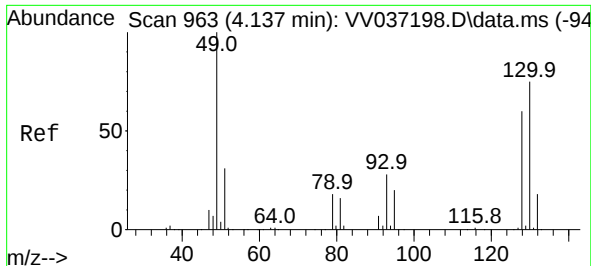
Tgt Ion: 63 Resp: 347215
Ion Ratio Lower Upper
63 100
65 31.5 22.4 41.6
83 13.4 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 24.074 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.006 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

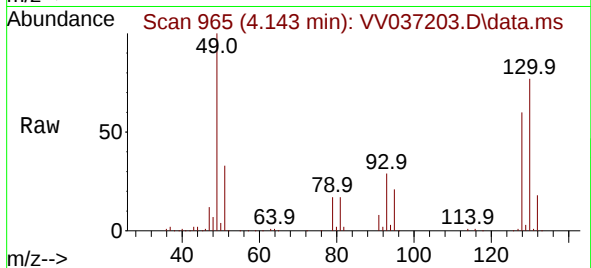
Tgt Ion: 96 Resp: 189288
Ion Ratio Lower Upper
96 100
61 128.6 87.6 162.6
98 62.7 44.0 81.6



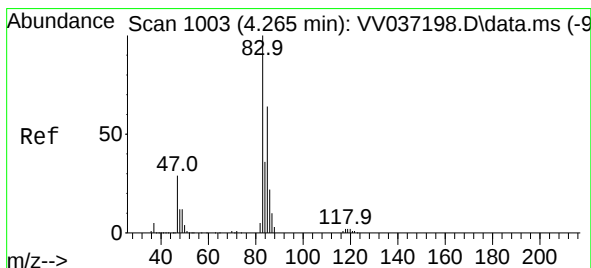
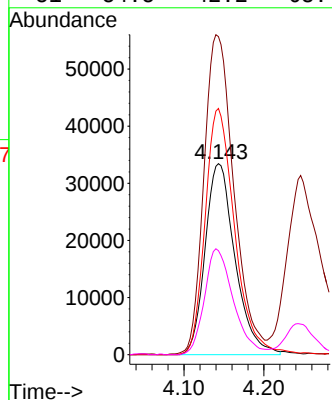
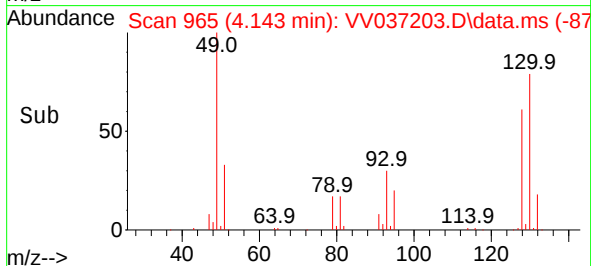


#23
Bromochloromethane
Concen: 24.814 ug/L
RT: 4.143 min Scan# 90
Delta R.T. 0.006 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

Instrument :
MSVOA_V
ClientSampleId :

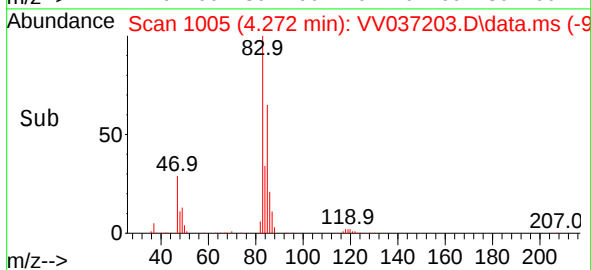
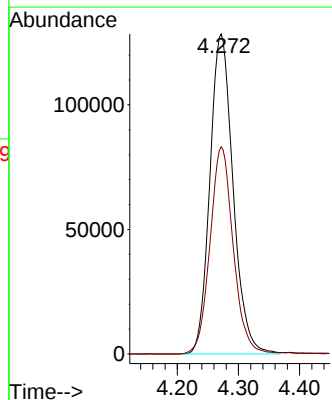
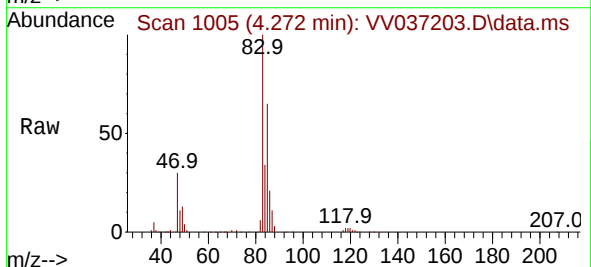


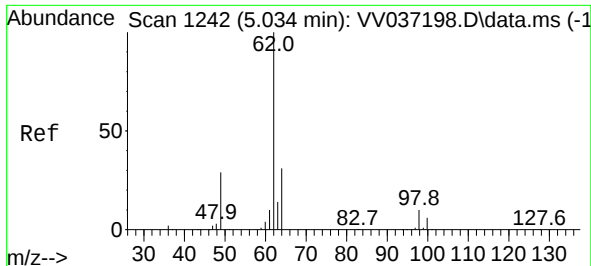
Tgt Ion:	128	Resp:	86954
Ion	Ratio	Lower	Upper
128	100		
49	166.5	117.8	218.8
130	128.9	88.4	164.2
51	54.5	42.2	63.4



#25
Chloroform
Concen: 24.453 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

Tgt Ion:	83	Resp:	338535
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.9	83.3

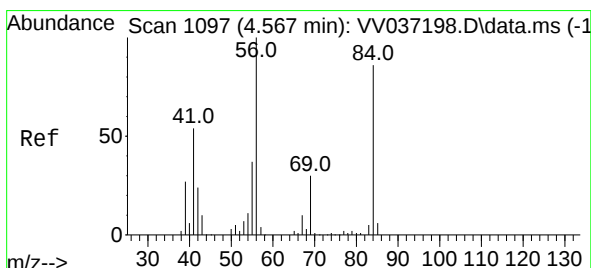
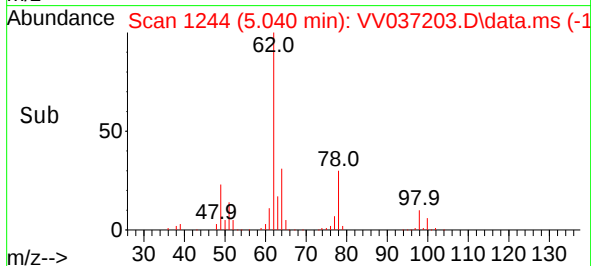
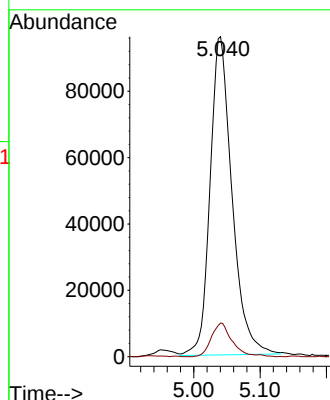
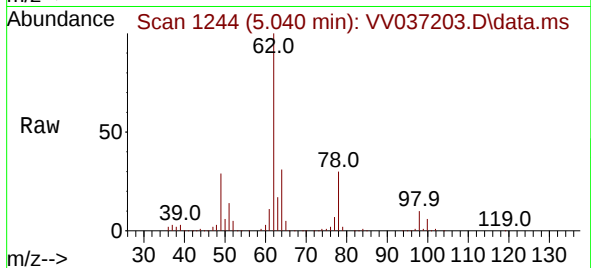




#27
1,2-Dichloroethane
Concen: 25.143 ug/L
RT: 5.040 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

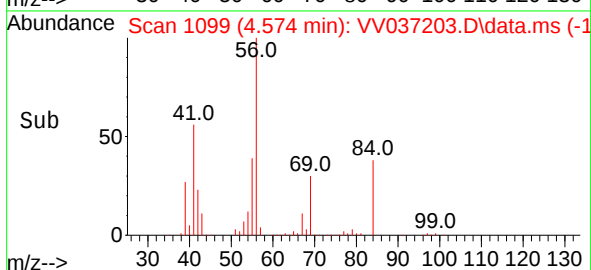
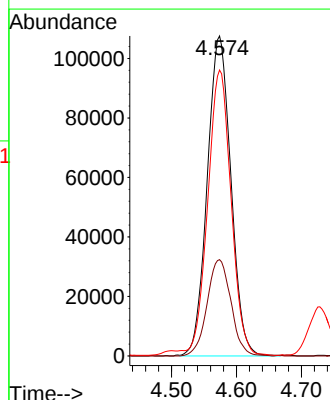
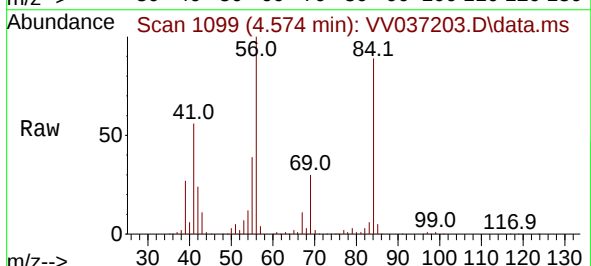
Instrument :
MSVOA_V
ClientSampleId :

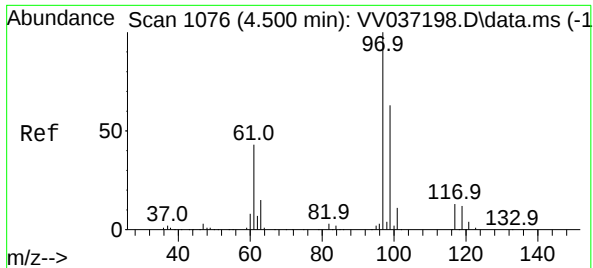
Tgt Ion: 62 Resp: 220467
Ion Ratio Lower Upper
62 100
98 10.5 8.3 12.5



#29
Cyclohexane
Concen: 22.822 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.006 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

Tgt Ion: 56 Resp: 272064
Ion Ratio Lower Upper
56 100
69 30.4 24.3 36.5
84 87.6 71.1 106.7





#30

1,1,1-Trichloroethane

Concen: 23.124 ug/L

RT: 4.503 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

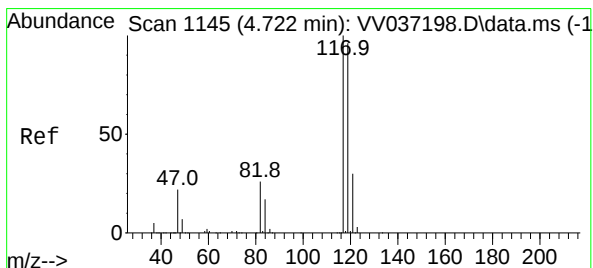
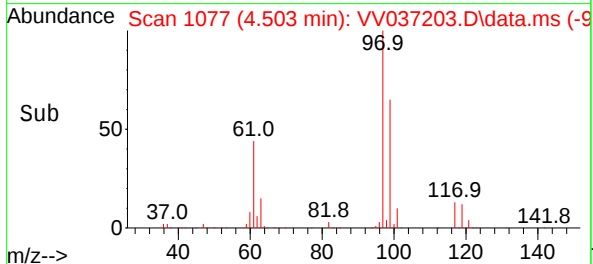
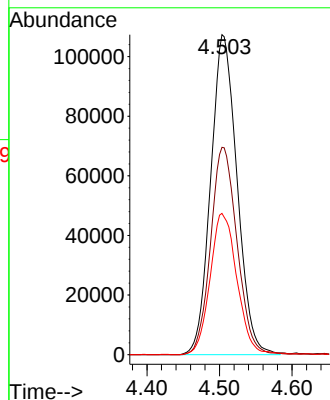
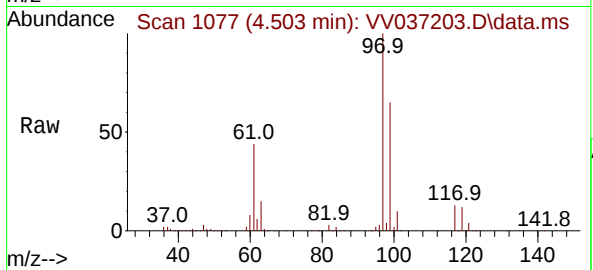
Tgt Ion: 97 Resp: 271343

Ion Ratio Lower Upper

97 100

99 65.0 51.5 77.3

61 45.1 35.4 53.2



#31

Carbon tetrachloride

Concen: 23.614 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VV037203.D

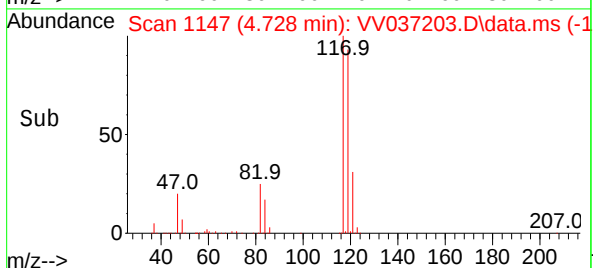
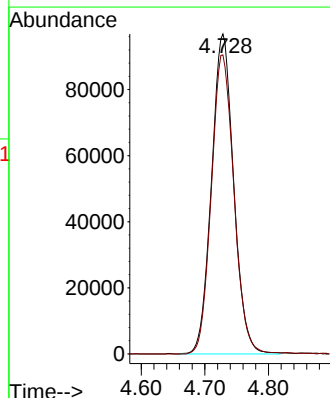
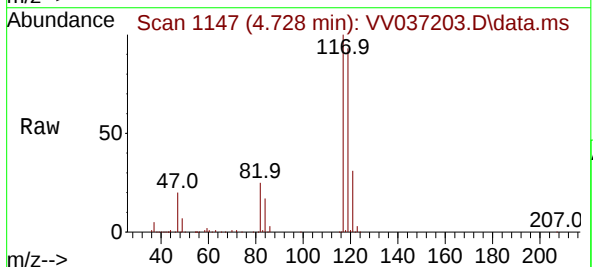
Acq: 04 Sep 2024 17:35

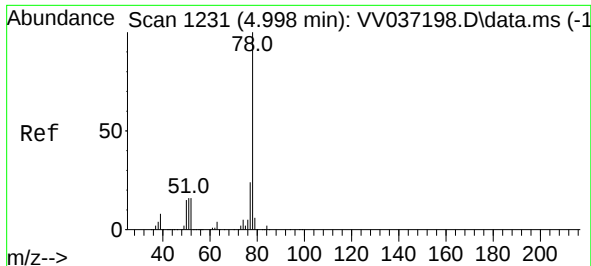
Tgt Ion:117 Resp: 234261

Ion Ratio Lower Upper

117 100

119 95.1 76.2 114.4

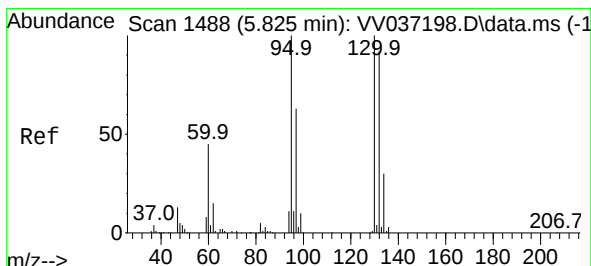
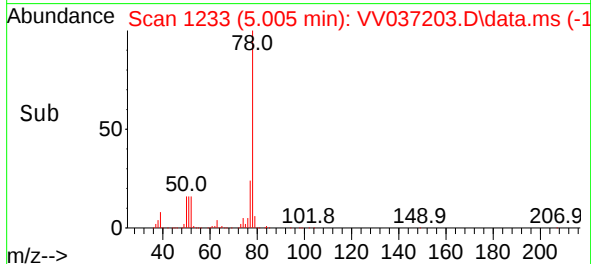
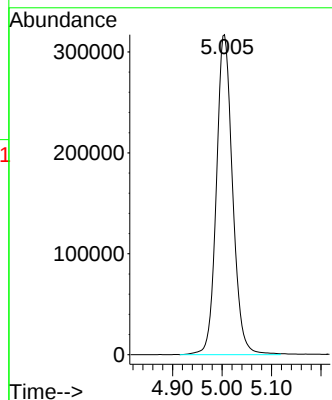
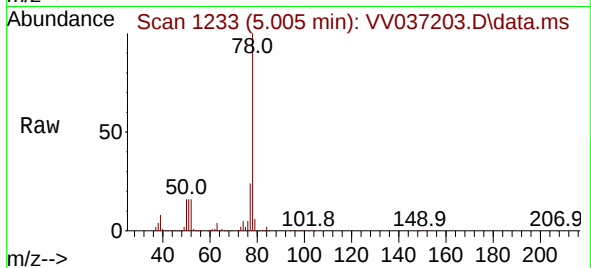




#33
Benzene
Concen: 24.361 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

Instrument :
MSVOA_V
ClientSampleId :

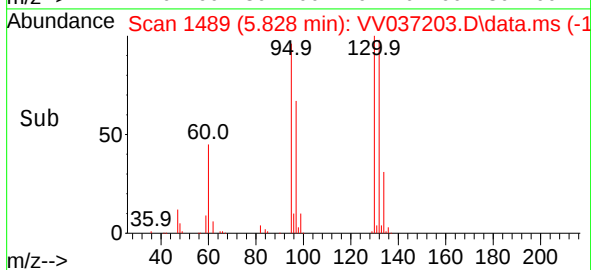
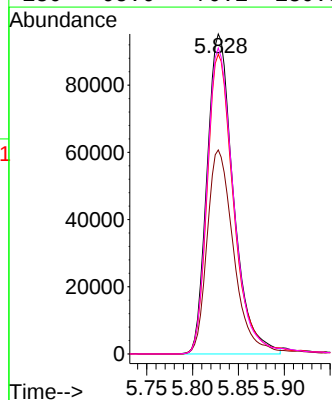
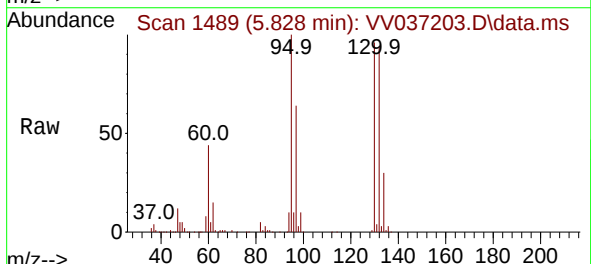
Tgt Ion: 78 Resp: 722185

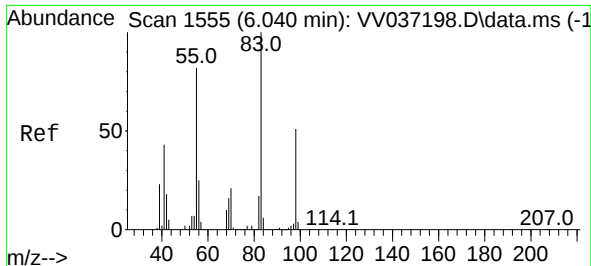


#34
Trichloroethene
Concen: 23.663 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV037203.D
Acq: 04 Sep 2024 17:35

Tgt Ion: 95 Resp: 190920

Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.0	81.6
132	93.7	64.3	119.5
130	95.6	70.1	130.3





#35

Methylcyclohexane

Concen: 23.059 ug/L

RT: 6.043 min Scan# 1555

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

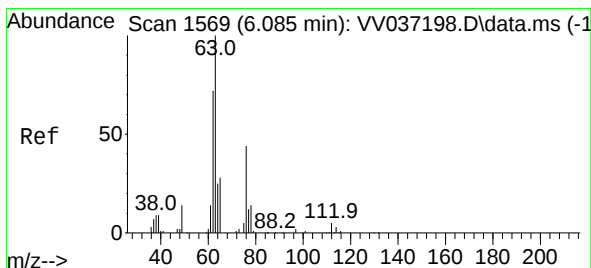
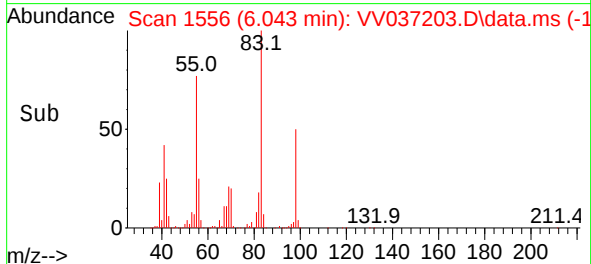
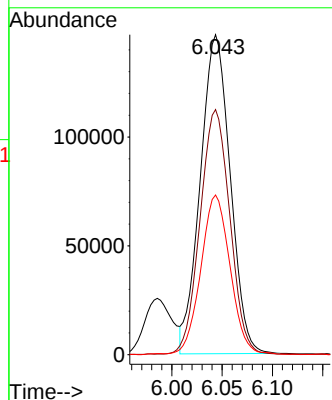
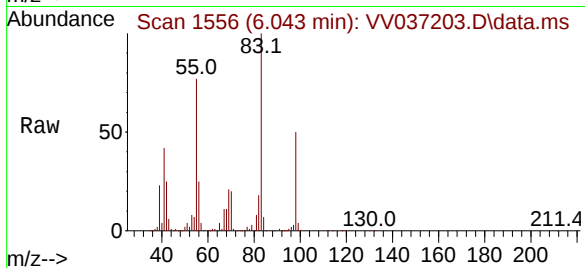
Tgt Ion: 83 Resp: 303152

Ion Ratio Lower Upper

83 100

55 76.8 61.6 92.4

98 48.9 38.5 57.7



#37

1,2-Dichloropropane

Concen: 24.111 ug/L

RT: 6.088 min Scan# 1570

Delta R.T. 0.003 min

Lab File: VV037203.D

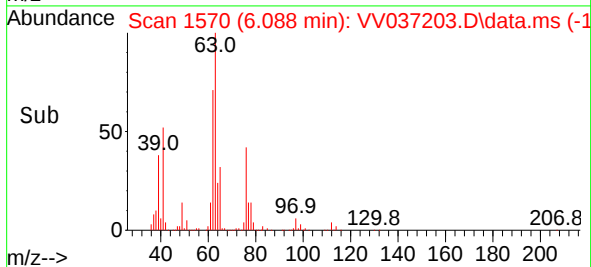
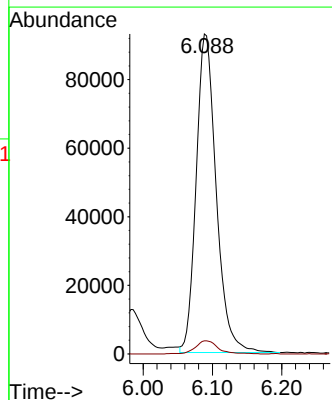
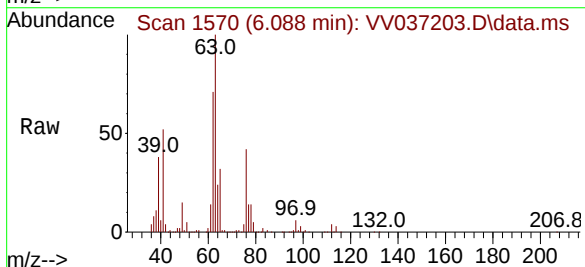
Acq: 04 Sep 2024 17:35

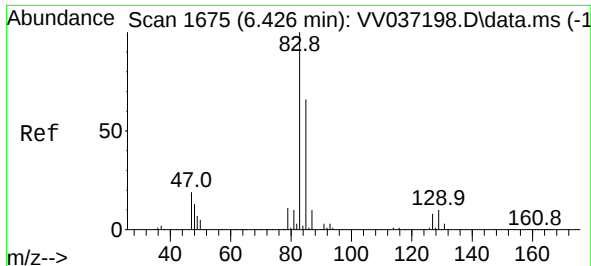
Tgt Ion: 63 Resp: 187047

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6





#38

Bromodichloromethane

Concen: 24.545 ug/L

RT: 6.429 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

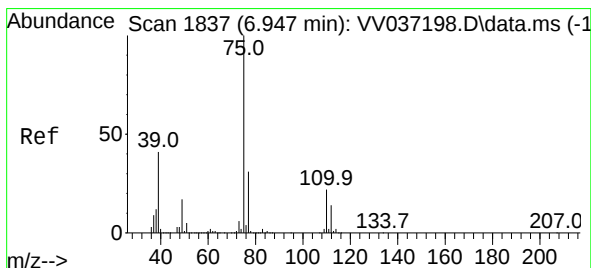
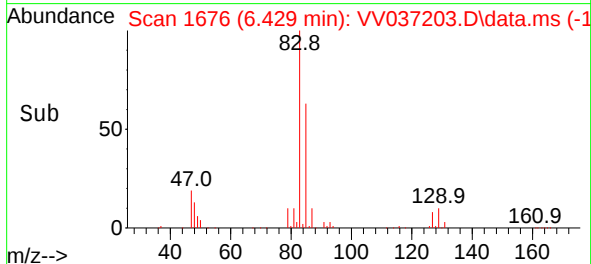
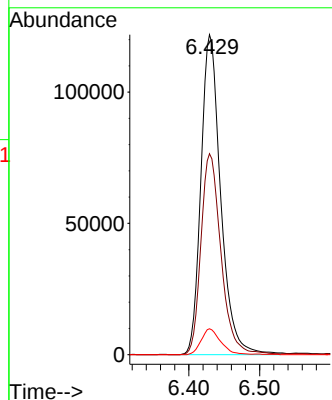
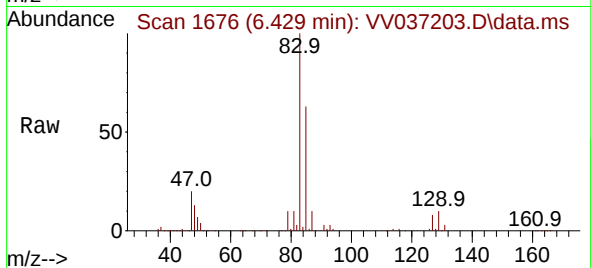
Tgt Ion: 83 Resp: 236445

Ion Ratio Lower Upper

83 100

85 62.8 45.9 85.3

127 8.1 6.5 9.7



#39

cis-1,3-Dichloropropene

Concen: 23.539 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV037203.D

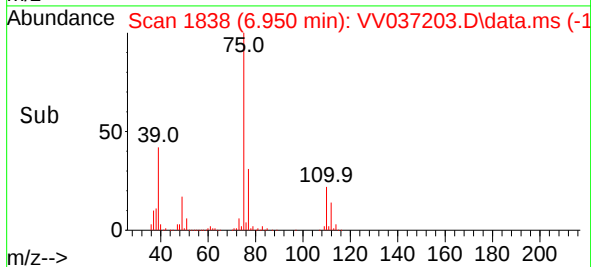
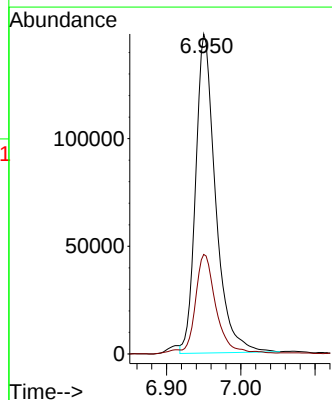
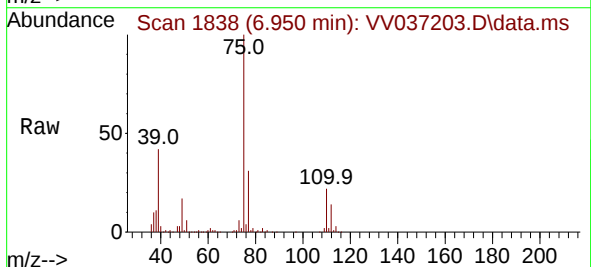
Acq: 04 Sep 2024 17:35

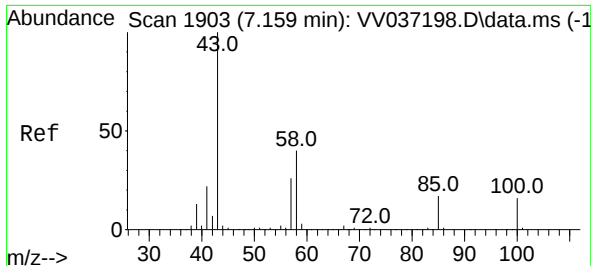
Tgt Ion: 75 Resp: 276926

Ion Ratio Lower Upper

75 100

77 31.1 21.6 40.0





#40

4-Methyl-2-pentanone

Concen: 53.014 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

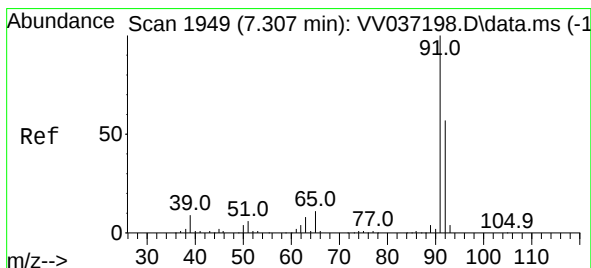
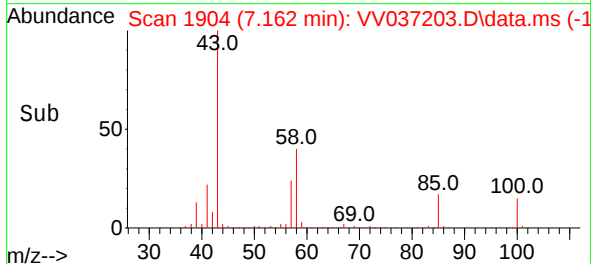
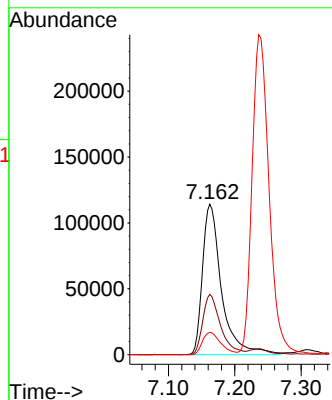
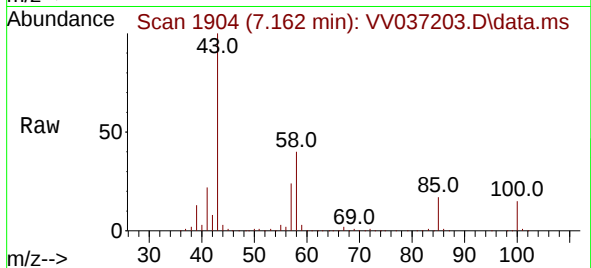
Tgt Ion: 43 Resp: 227969

Ion Ratio Lower Upper

43 100

58 37.6 30.3 45.5

100 14.5 11.6 17.4



#42

Toluene

Concen: 24.306 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV037203.D

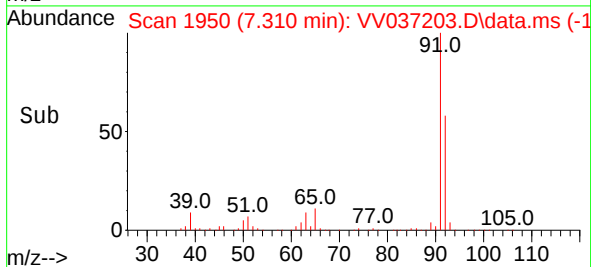
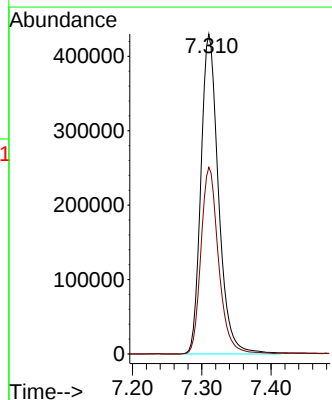
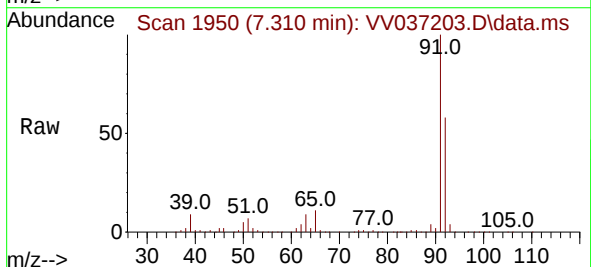
Acq: 04 Sep 2024 17:35

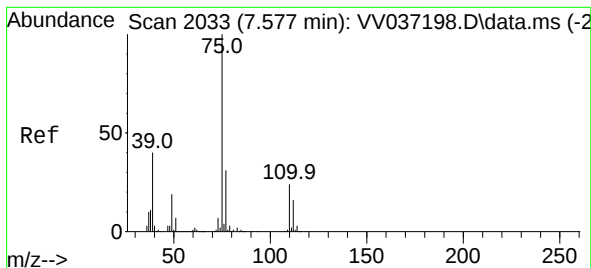
Tgt Ion: 91 Resp: 758263

Ion Ratio Lower Upper

91 100

92 58.4 39.7 73.7





#44

trans-1,3-Dichloropropene

Concen: 24.624 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

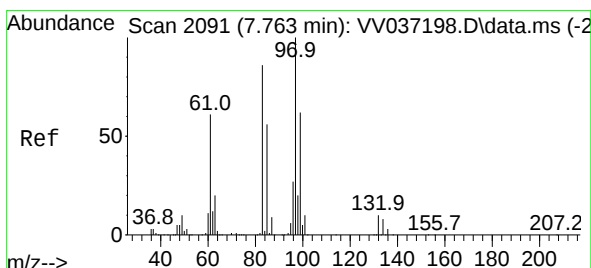
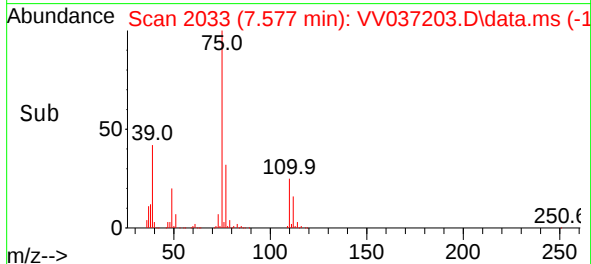
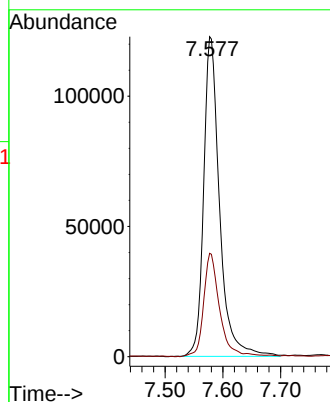
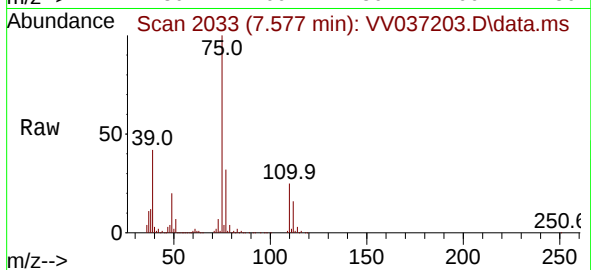
ClientSampleId :

Tgt Ion: 75 Resp: 234476

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4



#45

1,1,2-Trichloroethane

Concen: 24.964 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Tgt Ion: 97 Resp: 144613

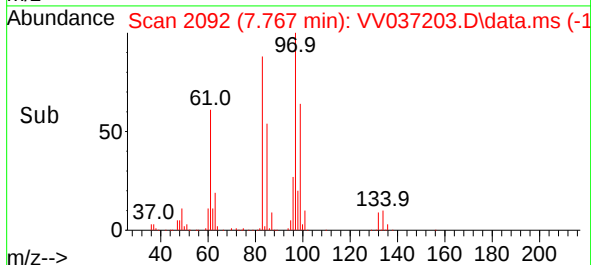
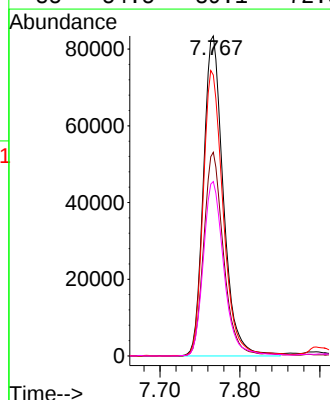
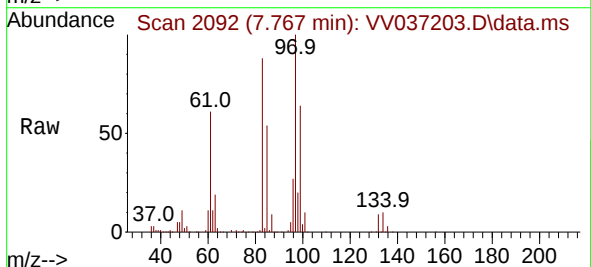
Ion Ratio Lower Upper

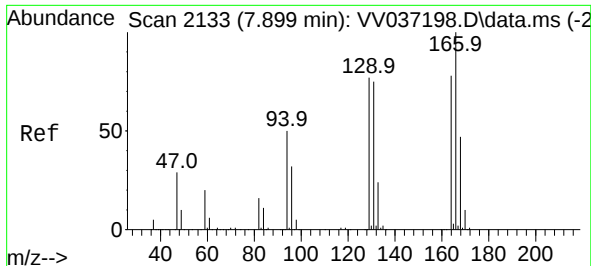
97 100

99 63.7 43.2 80.2

83 87.8 60.0 111.4

85 54.5 39.1 72.5





#46

Tetrachloroethene

Concen: 23.137 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

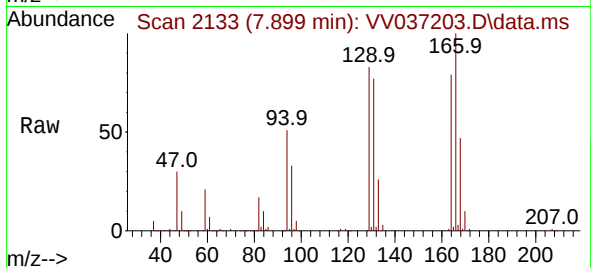
Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 137220

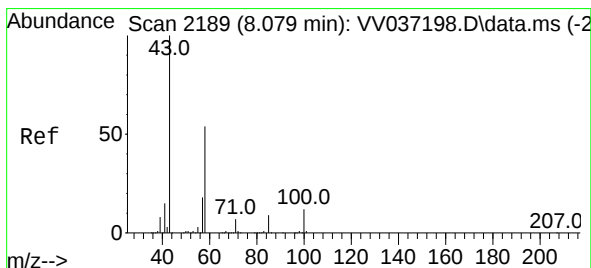
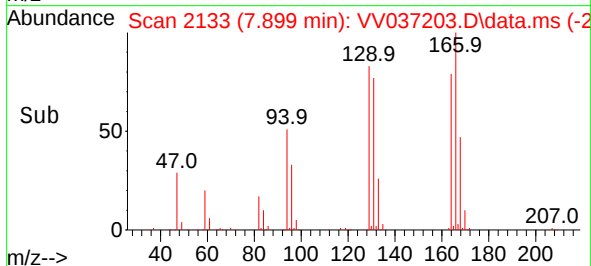
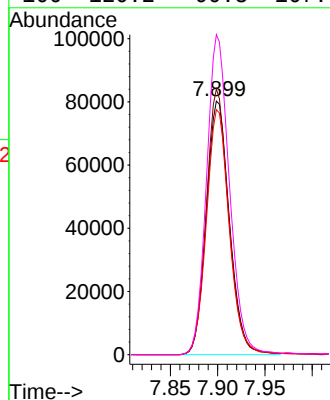
Ion Ratio Lower Upper

164 100

129 104.8 70.0 130.0

131 96.6 68.0 126.2

166 126.2 90.3 167.7



#48

2-Hexanone

Concen: 46.248 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Tgt Ion: 43 Resp: 165733

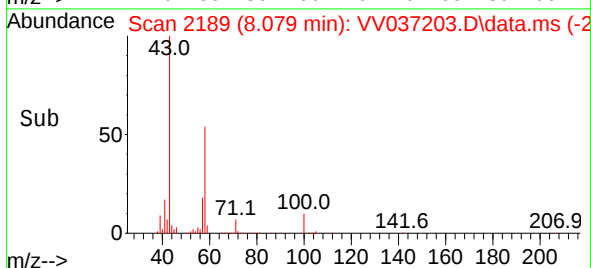
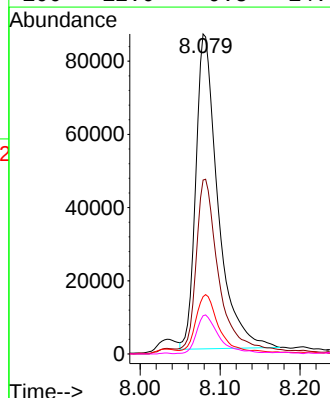
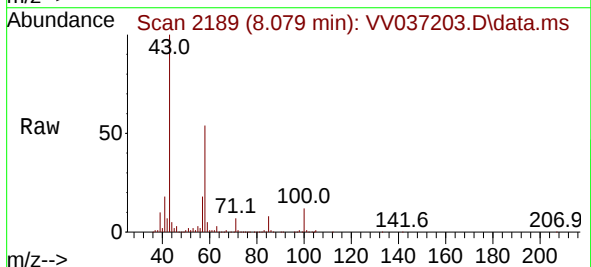
Ion Ratio Lower Upper

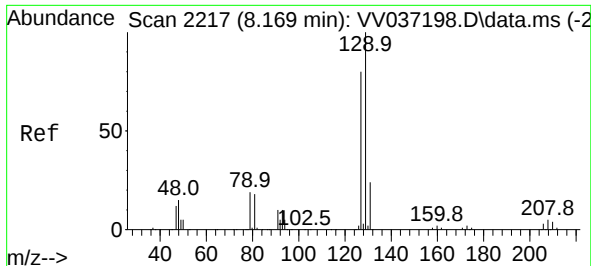
43 100

58 55.9 42.9 64.3

57 17.7 14.6 21.8

100 12.0 9.8 14.6





#49

Dibromochloromethane

Concen: 25.073 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

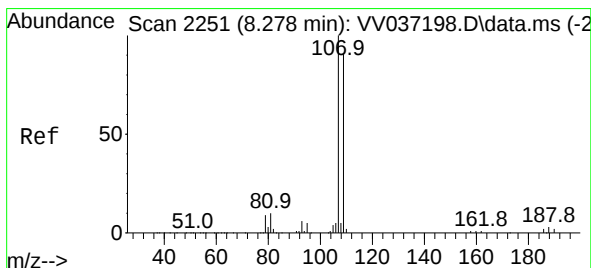
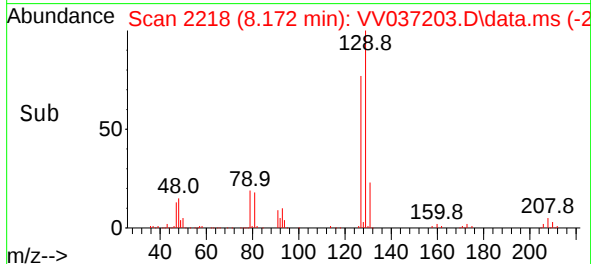
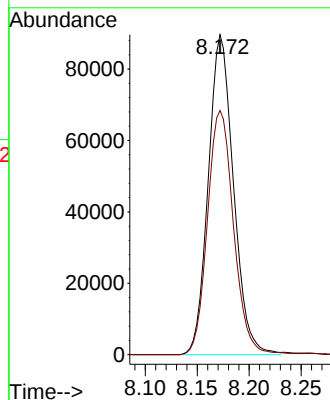
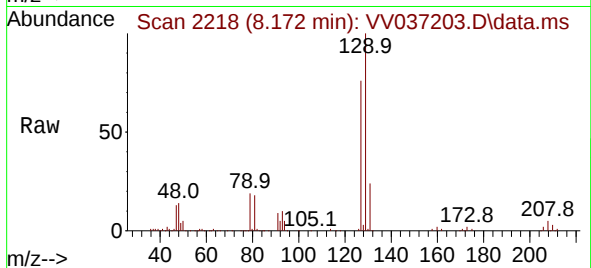
ClientSampleId :

Tgt Ion:129 Resp: 151136

Ion Ratio Lower Upper

129 100

127 76.3 56.0 104.0



#50

1,2-Dibromoethane

Concen: 25.204 ug/L

RT: 8.278 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

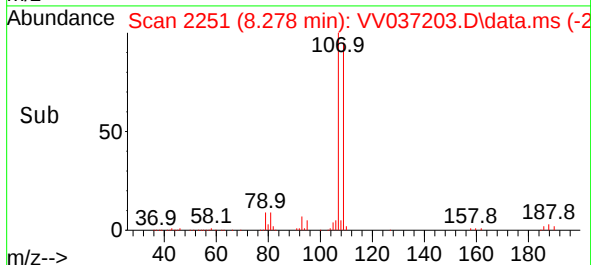
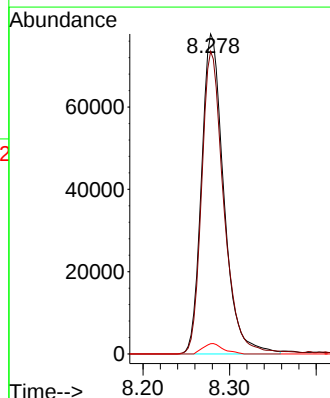
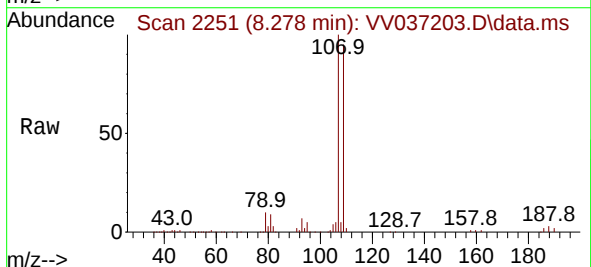
Tgt Ion:107 Resp: 139501

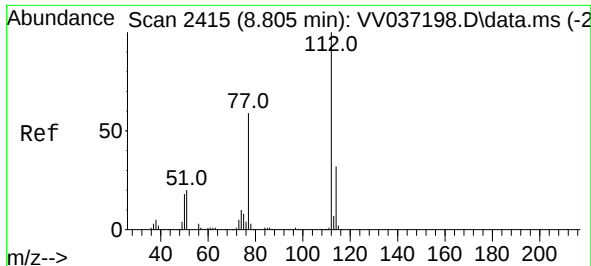
Ion Ratio Lower Upper

107 100

109 94.5 63.5 117.9

188 3.2 2.5 3.7





#51

Chlorobenzene

Concen: 23.944 ug/L

RT: 8.809 min Scan# 2415

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

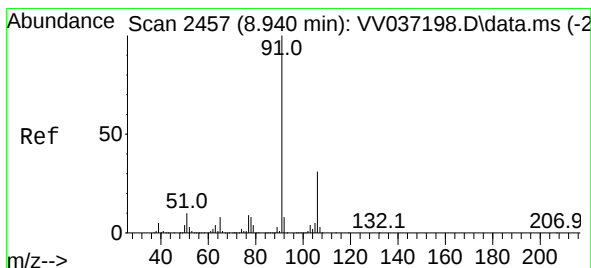
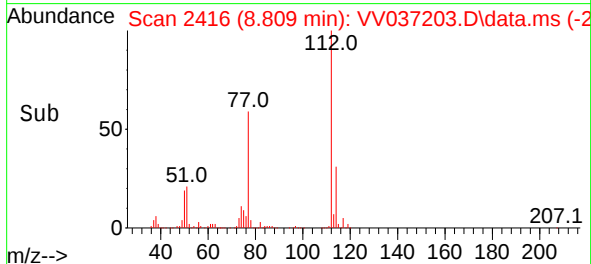
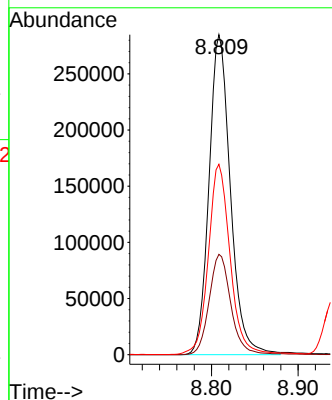
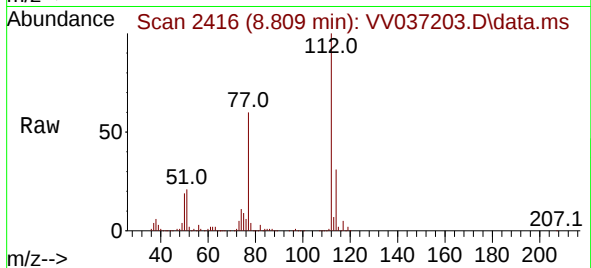
Tgt Ion:112 Resp: 488816

Ion Ratio Lower Upper

112 100

114 31.3 22.4 41.6

77 59.5 47.5 71.3



#52

Ethylbenzene

Concen: 24.370 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037203.D

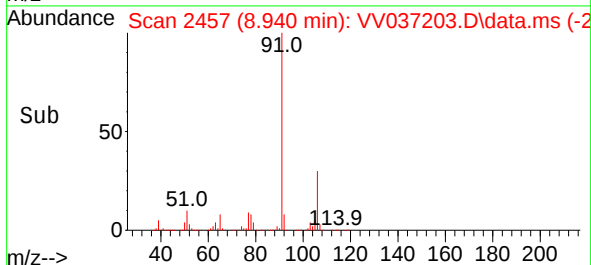
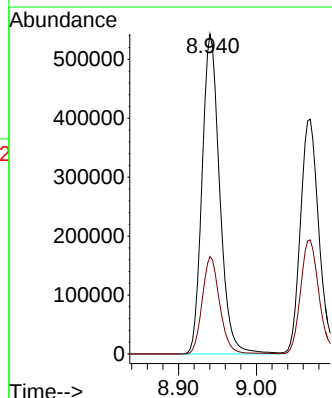
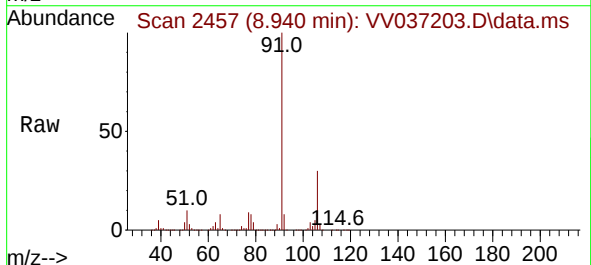
Acq: 04 Sep 2024 17:35

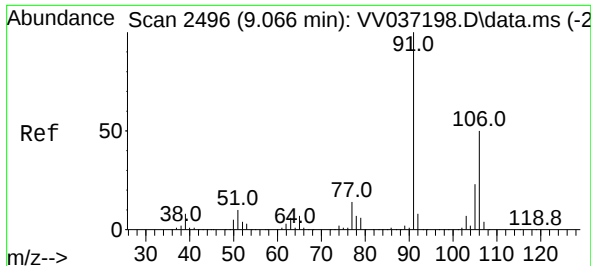
Tgt Ion: 91 Resp: 851344

Ion Ratio Lower Upper

91 100

106 30.4 21.5 39.9





#53

m,p-Xylene

Concen: 24.410 ug/L

RT: 9.069 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

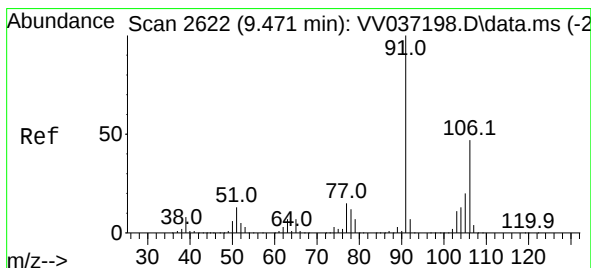
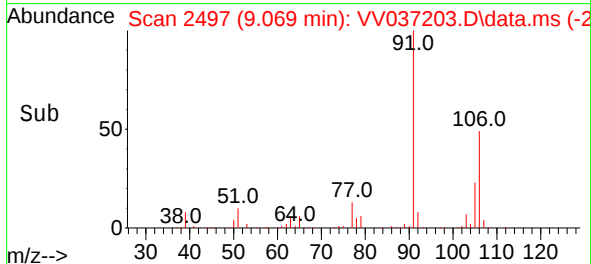
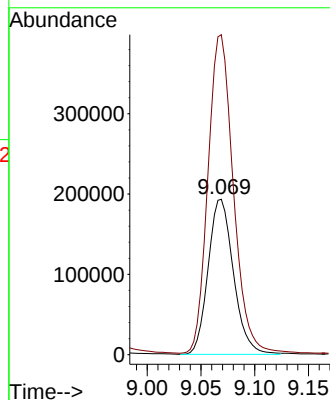
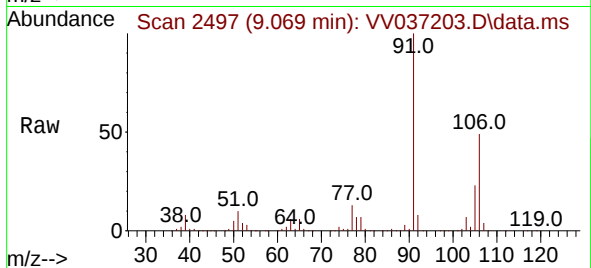
ClientSampleId :

Tgt Ion:106 Resp: 316377

Ion Ratio Lower Upper

106 100

91 205.9 141.6 263.0



#54

o-Xylene

Concen: 24.419 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.003 min

Lab File: VV037203.D

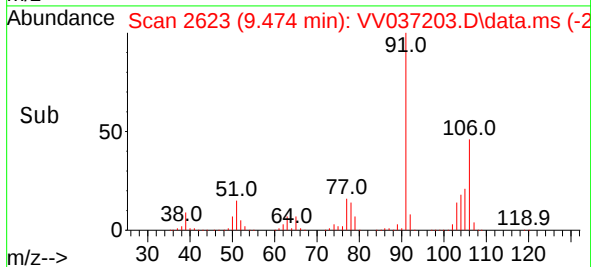
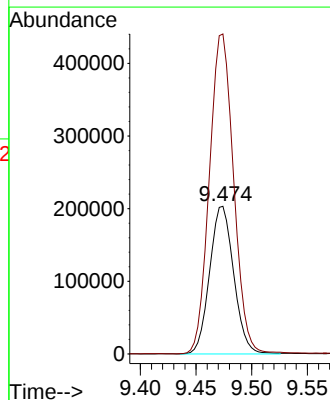
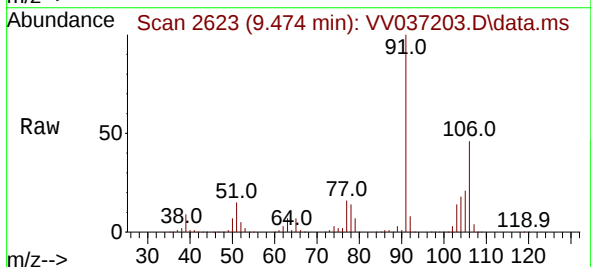
Acq: 04 Sep 2024 17:35

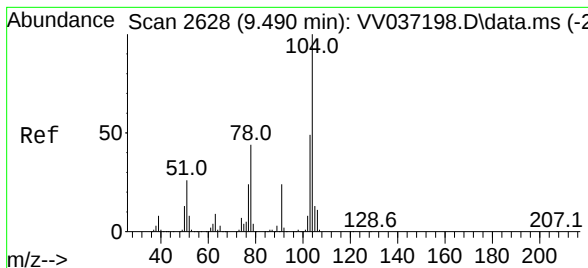
Tgt Ion:106 Resp: 304886

Ion Ratio Lower Upper

106 100

91 216.8 150.4 279.4





#55

Styrene

Concen: 25.333 ug/L

RT: 9.490 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

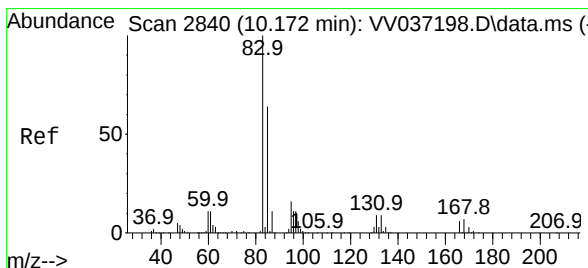
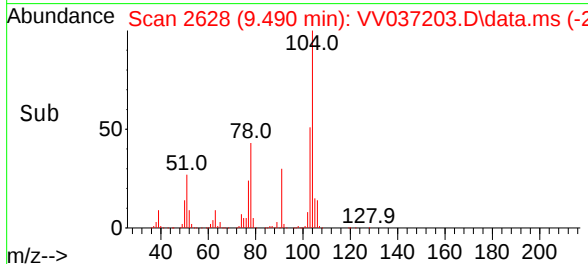
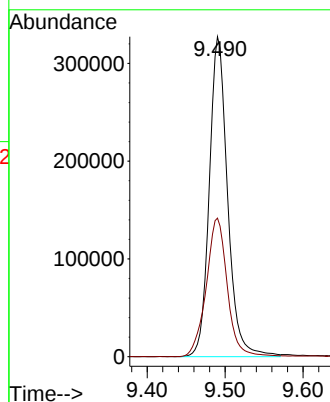
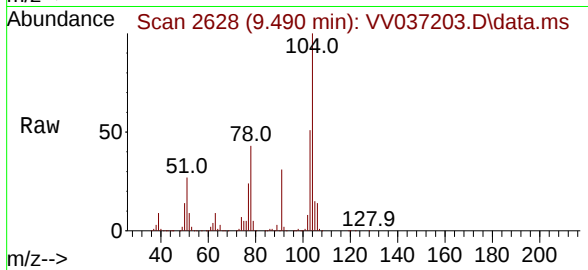
ClientSampleId :

Tgt Ion:104 Resp: 536374

Ion Ratio Lower Upper

104 100

78 43.3 30.6 56.8



#57

1,1,2,2-Tetrachloroethane

Concen: 25.227 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

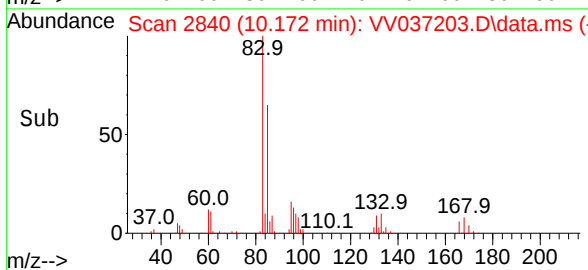
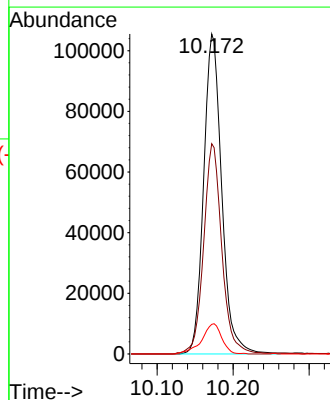
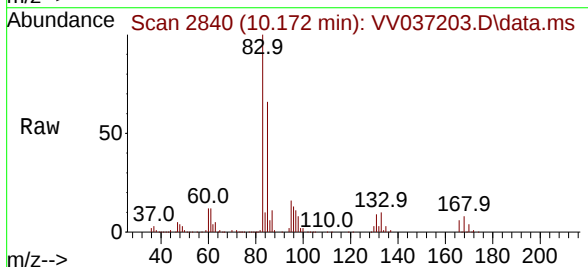
Tgt Ion: 83 Resp: 174148

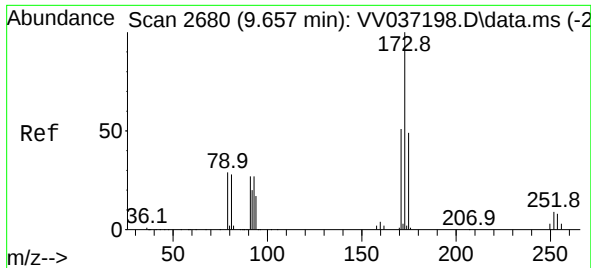
Ion Ratio Lower Upper

83 100

85 65.7 44.9 83.3

131 9.3 7.1 10.7





#59

Bromoform

Concen: 24.127 ug/L

RT: 9.661 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

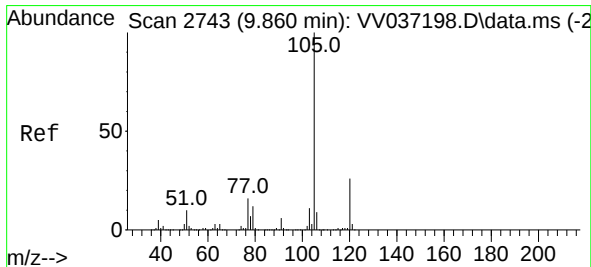
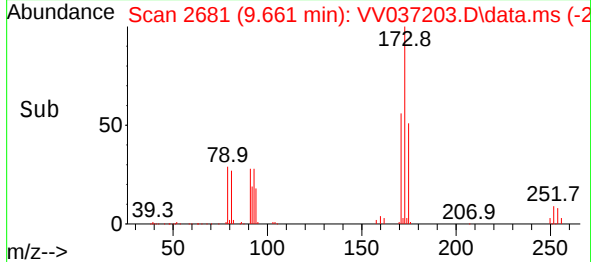
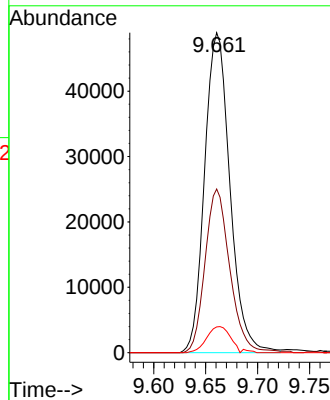
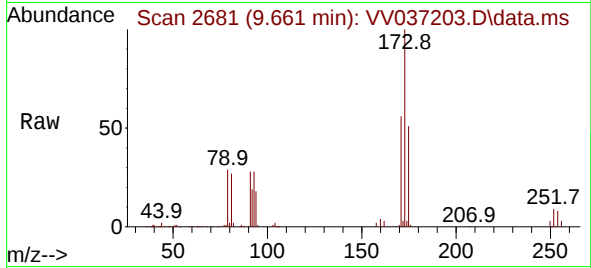
Tgt Ion:173 Resp: 83094

Ion Ratio Lower Upper

173 100

175 49.9 38.6 57.8

254 7.5 6.6 9.8



#60

Isopropylbenzene

Concen: 23.807 ug/L

RT: 9.860 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

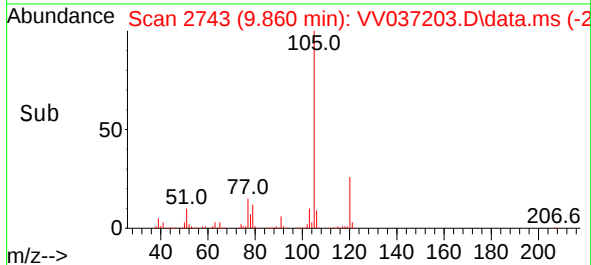
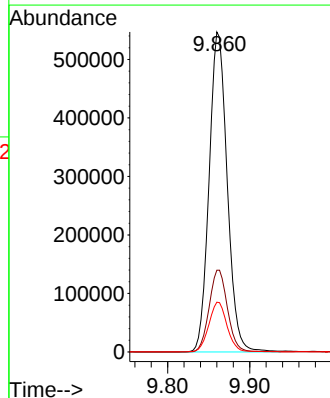
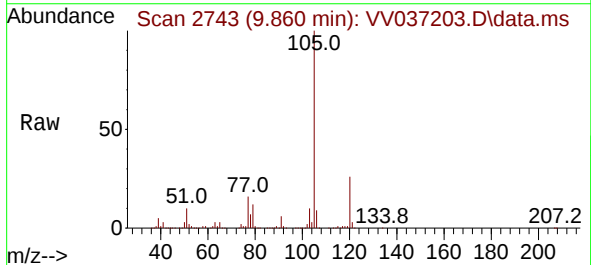
Tgt Ion:105 Resp: 838608

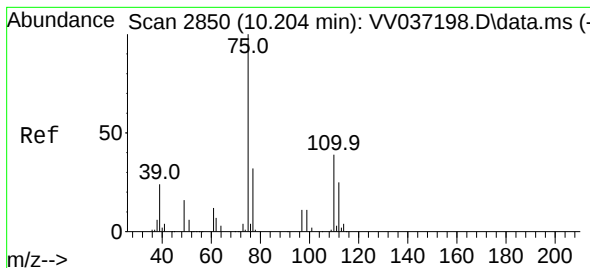
Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0

77 15.6 12.4 18.6





#61

1,2,3-Trichloropropane

Concen: 24.538 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

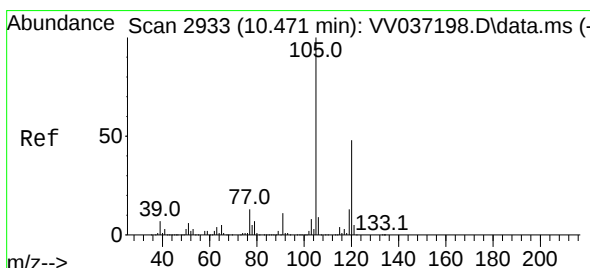
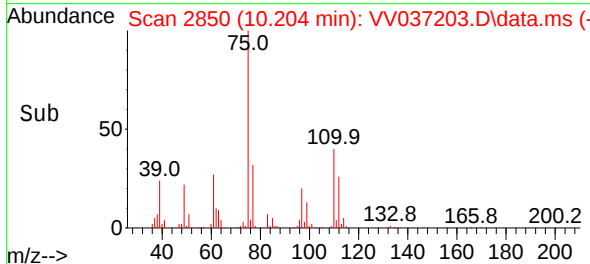
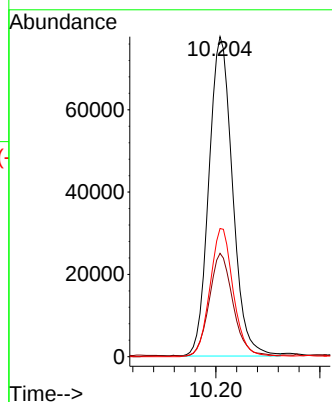
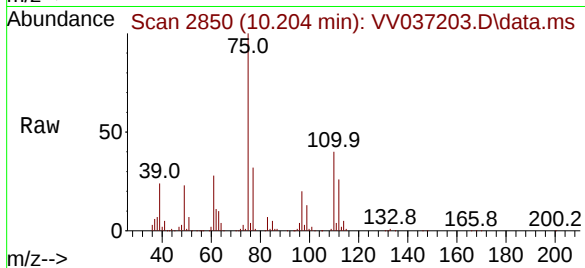
Tgt Ion: 75 Resp: 122649

Ion Ratio Lower Upper

75 100

77 31.9 24.6 36.8

110 39.5 30.8 46.2



#62

1,3,5-Trimethylbenzene

Concen: 24.373 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037203.D

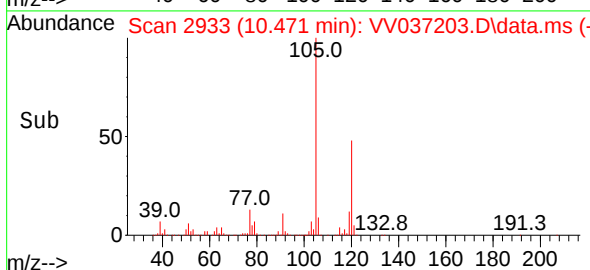
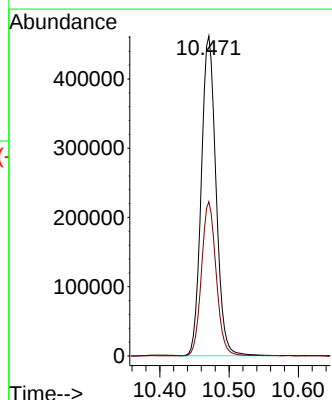
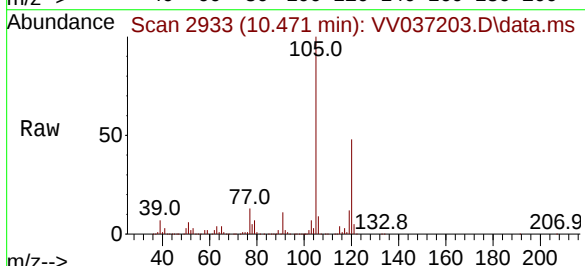
Acq: 04 Sep 2024 17:35

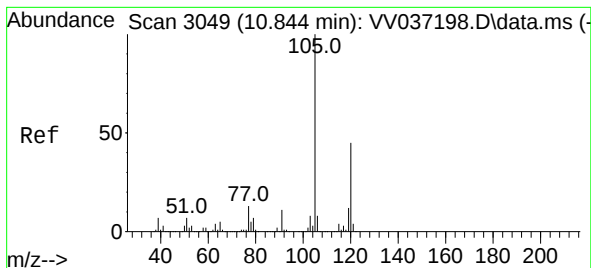
Tgt Ion: 105 Resp: 681847

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1





#63

1,2,4-Trimethylbenzene

Concen: 24.232 ug/L

RT: 10.847 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

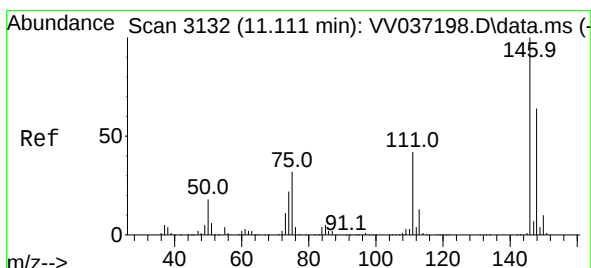
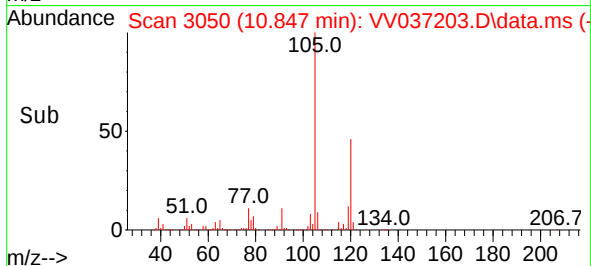
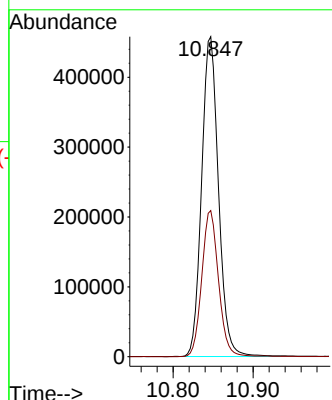
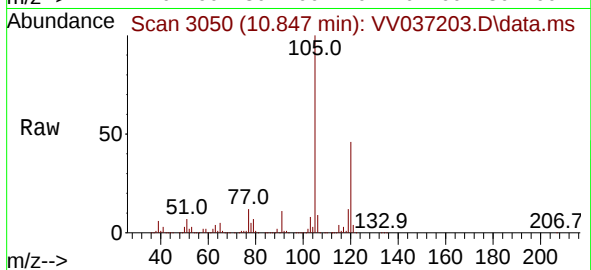
ClientSampleId :

Tgt Ion:105 Resp: 672324

Ion Ratio Lower Upper

105 100

120 45.3 35.8 53.6



#64

1,3-Dichlorobenzene

Concen: 23.892 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

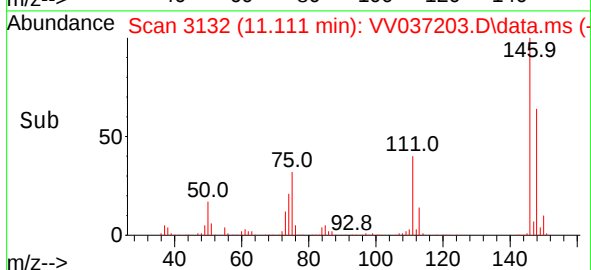
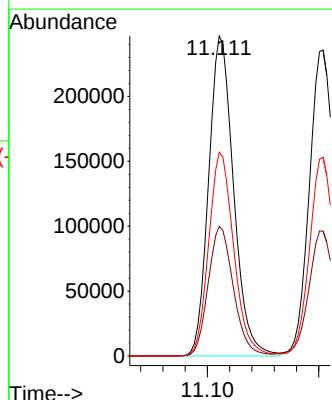
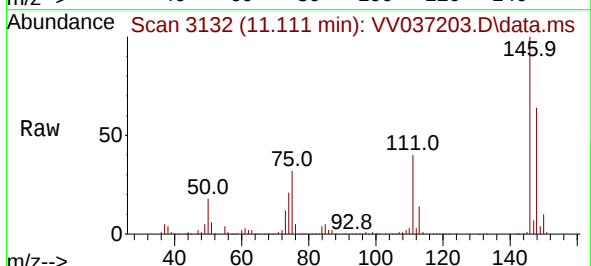
Tgt Ion:146 Resp: 383733

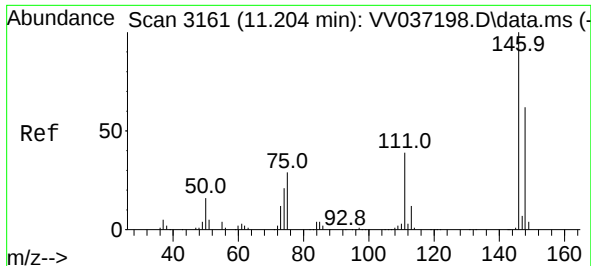
Ion Ratio Lower Upper

146 100

111 40.5 29.7 55.1

148 63.7 45.0 83.6





#65

1,4-Dichlorobenzene

Concen: 23.624 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

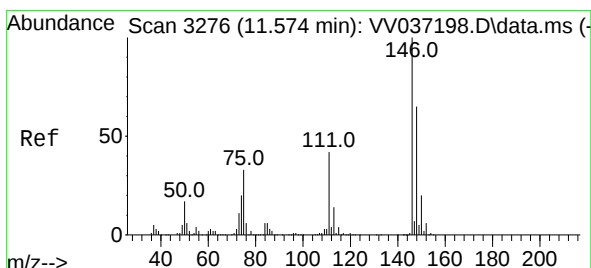
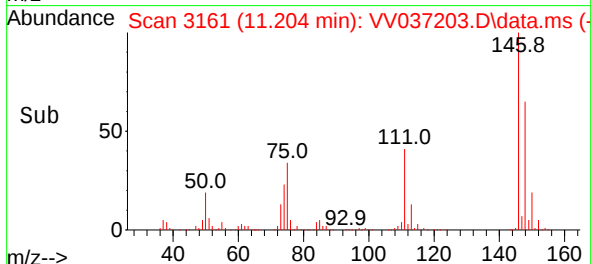
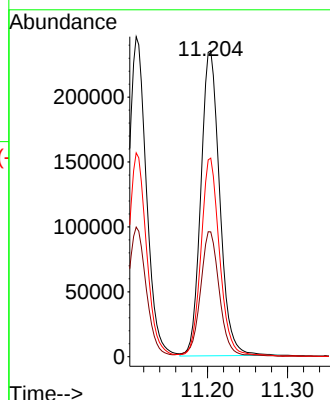
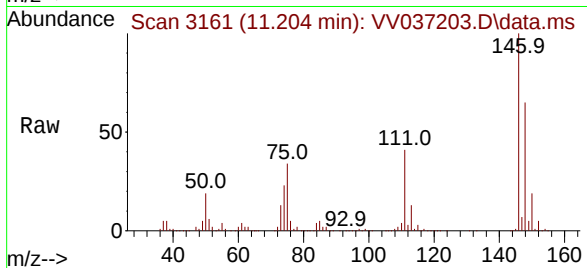
Tgt Ion:146 Resp: 386840

Ion Ratio Lower Upper

146 100

111 40.8 27.6 51.4

148 64.9 43.3 80.5



#67

1,2-Dichlorobenzene

Concen: 23.962 ug/L

RT: 11.570 min Scan# 3275

Delta R.T. -0.003 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

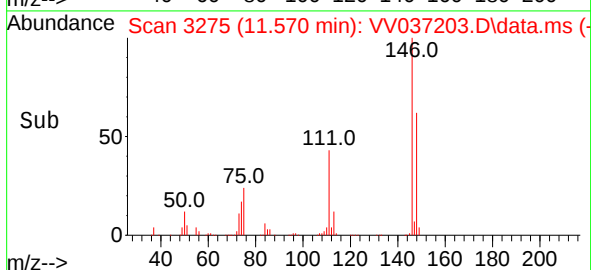
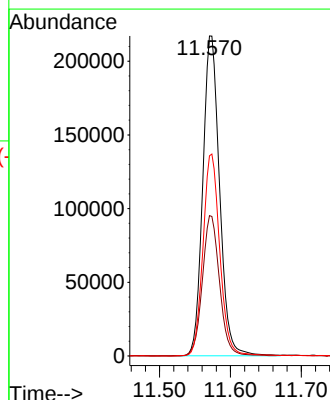
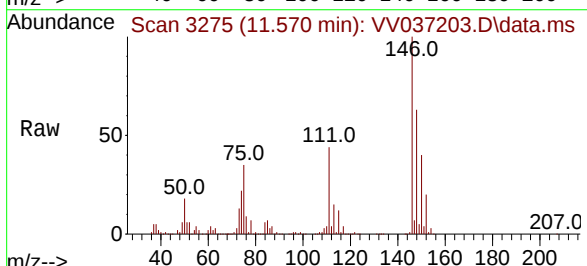
Tgt Ion:146 Resp: 356958

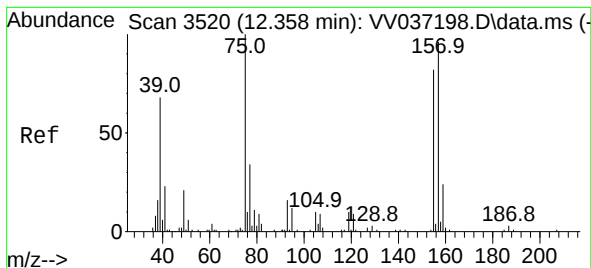
Ion Ratio Lower Upper

146 100

111 43.8 34.1 51.1

148 62.5 51.8 77.6





#68

1,2-Dibromo-3-chloropropane

Concen: 23.471 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :

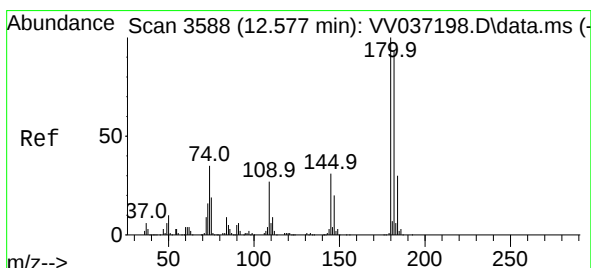
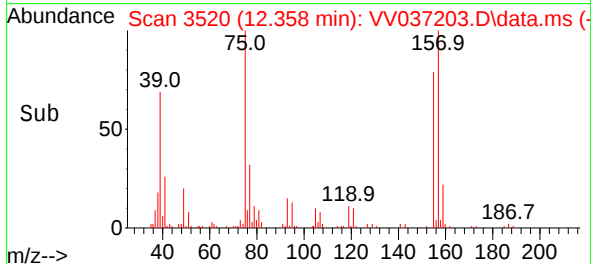
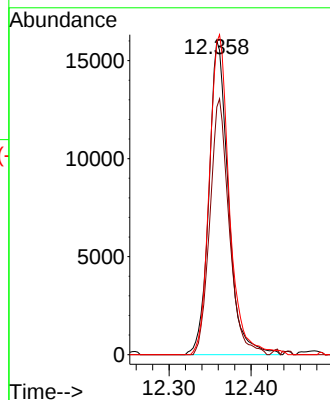
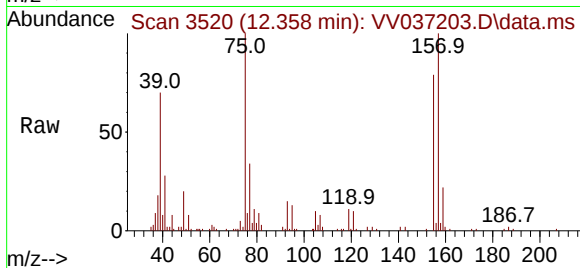
Tgt Ion: 75 Resp: 26479

Ion Ratio Lower Upper

75 100

155 79.0 65.6 98.4

157 99.7 76.9 115.3



#69

1,3,5-Trichlorobenzene

Concen: 23.517 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Tgt Ion:180 Resp: 267984

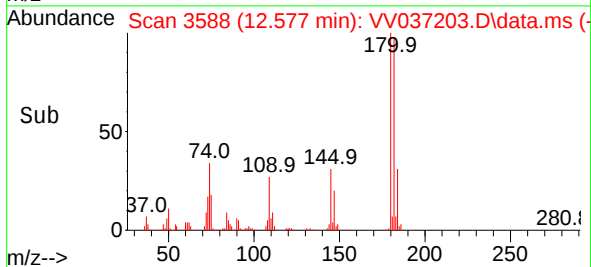
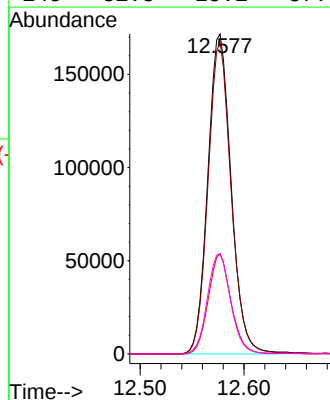
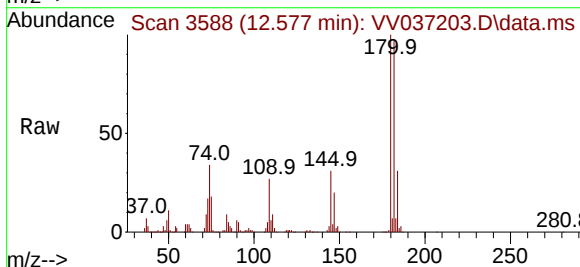
Ion Ratio Lower Upper

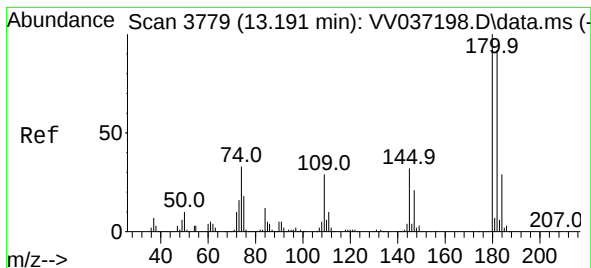
180 100

182 96.3 74.6 111.8

184 30.4 23.8 35.8

145 31.3 25.1 37.7





#70

1,2,4-trichlorobenzene

Concen: 23.486 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

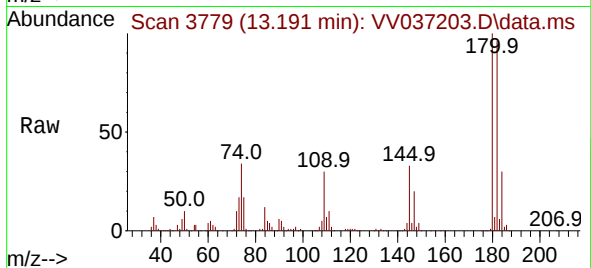
Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :



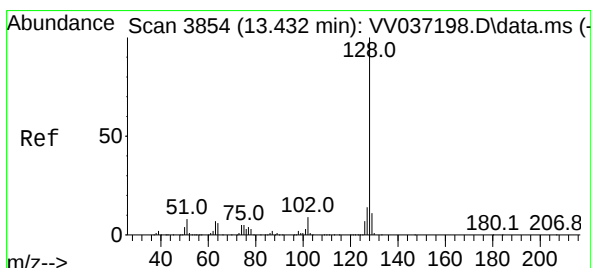
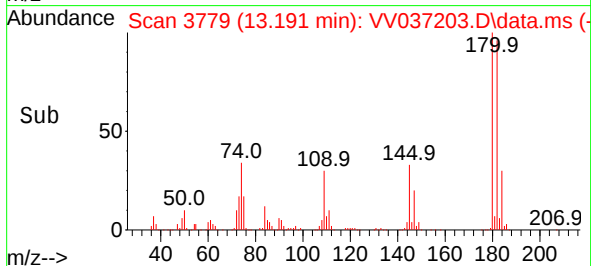
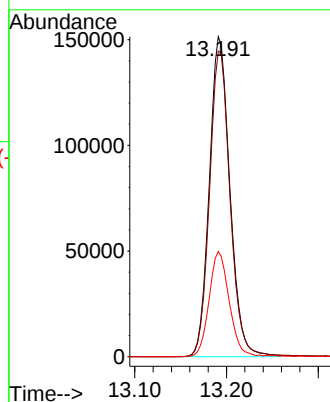
Tgt Ion:180 Resp: 236274

Ion Ratio Lower Upper

180 100

182 95.3 74.9 112.3

145 31.8 25.4 38.0



#71

Naphthalene

Concen: 23.191 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

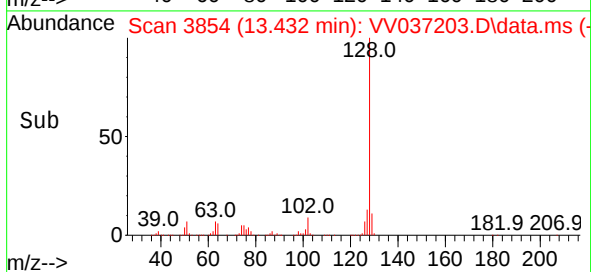
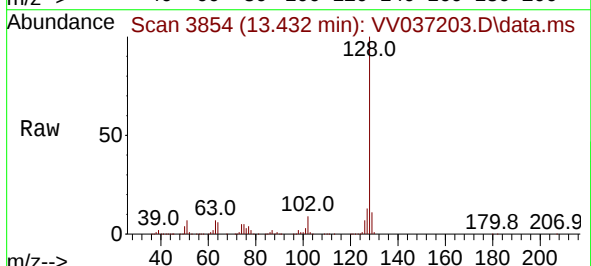
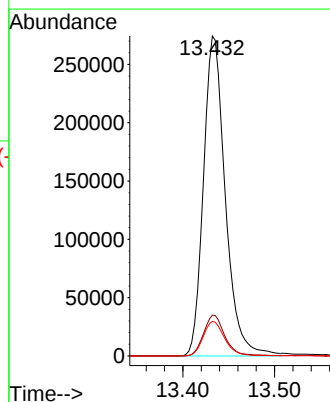
Tgt Ion:128 Resp: 455146

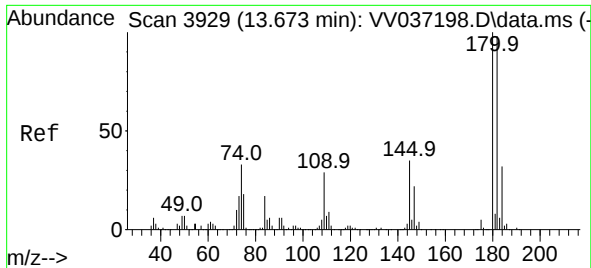
Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 10.6 8.2 12.2





#72

1,2,3-Trichlorobenzene

Concen: 24.299 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

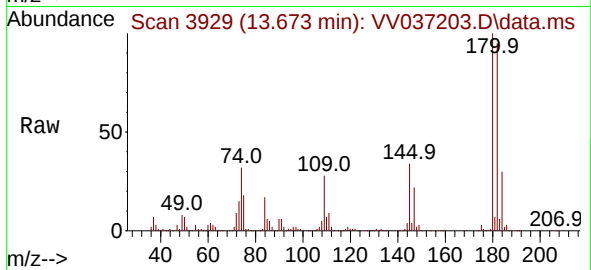
Lab File: VV037203.D

Acq: 04 Sep 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 224487

Ion Ratio Lower Upper

180 100

182 94.0 78.0 117.0

145 33.3 27.9 41.9

