

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090624\
 Data File : VV037227.D
 Acq On : 06 Sep 2024 15:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 06 23:25:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 06 23:21:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	617110	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	605018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	312773	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	252377	44.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.420%
7) Chloroethane-d5	1.532	69	199041	45.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.240%
11) 1,1-Dichloroethene-d2	2.060	65	106123	44.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.460%
21) 2-Butanone-d5	3.793	46	186561	85.342	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.340%
24) Chloroform-d	4.246	84	429221	48.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.160%
26) 1,2-Dichloroethane-d4	4.937	65	262480	47.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
32) Benzene-d6	4.953	84	851876	46.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.240%
36) 1,2-Dichloropropane-d6	5.985	67	264600	46.229	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.460%
41) Toluene-d8	7.236	98	775146	47.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.548	79	122378	46.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.440%
47) 2-Hexanone-d5	8.024	63	127884	81.868	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.870%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	305131	43.956	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.920%
66) 1,2-Dichlorobenzene-d4	11.554	152	280506	44.779	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	247973	47.551	ug/L	100
3) Chloromethane	1.217	50	262364	44.736	ug/L	98
5) Vinyl chloride	1.285	62	265899	48.296	ug/L	98
6) Bromomethane	1.487	94	155150	50.292	ug/L	98
8) Chloroethane	1.548	64	168982	50.179	ug/L	99
9) Trichlorofluoromethane	1.712	101	355868	49.531	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	215065	50.327	ug/L	100
12) 1,1-Dichloroethene	2.069	96	201499	50.048	ug/L	96
13) Acetone	2.111	43	155105	66.157	ug/L	100
14) Carbon disulfide	2.240	76	561099	45.908	ug/L	99
15) Methyl Acetate	2.371	43	186432	47.431	ug/L	99
16) Methylene chloride	2.445	84	233217	51.341	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	209091	50.027	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	652175	49.604	ug/L	100
19) 1,1-Dichloroethane	3.108	63	431070	51.934	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	233346	50.525	ug/L	97
22) 2-Butanone	3.873	43	196510	76.127	ug/L	97
23) Bromochloromethane	4.143	128	118531	52.283	ug/L	98
25) Chloroform	4.272	83	426281	50.711	ug/L	100

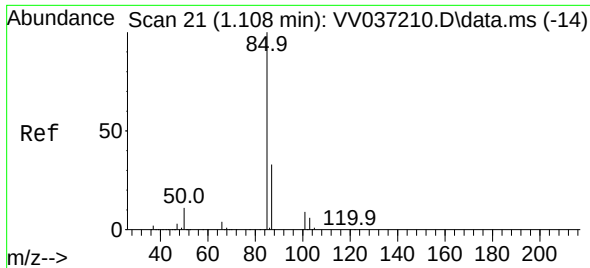
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 QLast Update : Fri Sep 06 23:21:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	316485	51.326	ug/L	99
29) Cyclohexane	4.574	56	336902	47.360	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	349779	50.244	ug/L	100
31) Carbon tetrachloride	4.728	117	297008	50.561	ug/L	99
33) Benzene	5.005	78	899999	51.545	ug/L	100
34) Trichloroethene	5.828	95	229540	49.808	ug/L	97
35) Methylcyclohexane	6.043	83	357825	47.789	ug/L	99
37) 1,2-Dichloropropane	6.088	63	235526	50.316	ug/L	100
38) Bromodichloromethane	6.429	83	303168	50.532	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	358039	48.469	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	434836	91.374	ug/L	99
42) Toluene	7.310	91	939757	51.694	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	335016	50.739	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	223744	51.347	ug/L	100
46) Tetrachloroethene	7.899	164	163452	49.431	ug/L	98
48) 2-Hexanone	8.072	43	302819	82.278	ug/L	100
49) Dibromochloromethane	8.172	129	222738	51.049	ug/L	98
50) 1,2-Dibromoethane	8.278	107	220498	50.007	ug/L	99
51) Chlorobenzene	8.808	112	606726	50.412	ug/L	98
52) Ethylbenzene	8.940	91	1040448	50.668	ug/L	100
53) m,p-Xylene	9.069	106	389049	51.135	ug/L	99
54) o-Xylene	9.471	106	374484	50.271	ug/L	99
55) Styrene	9.490	104	673059	52.071	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	312955	48.493	ug/L	99
59) Bromoform	9.661	173	140022	48.076	ug/L	100
60) Isopropylbenzene	9.860	105	1031297	50.861	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	233779	48.048	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	831823	50.141	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	828331	50.033	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	460978	49.234	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	475982	49.669	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	461306	50.107	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54050	44.544	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	307277	47.165	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	284307	46.344	ug/L	99
71) Naphthalene	13.432	128	796935	44.988	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	289707	47.920	ug/L	99

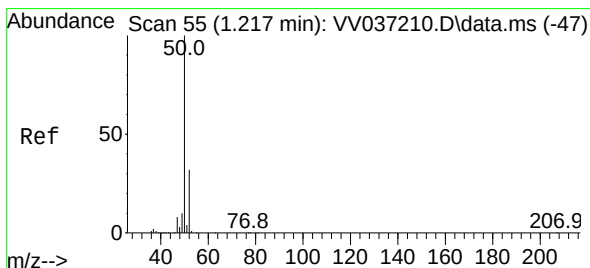
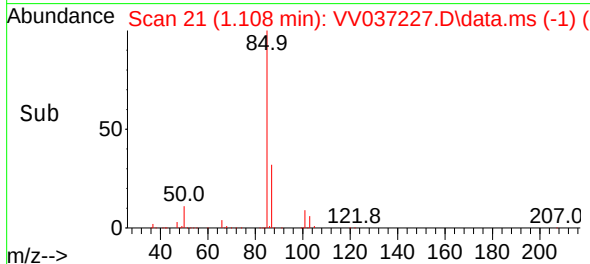
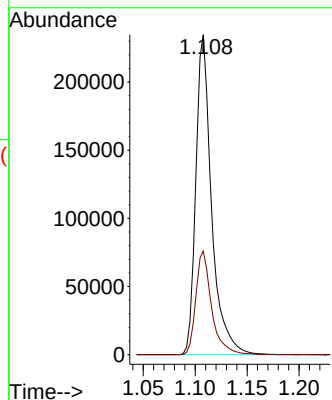
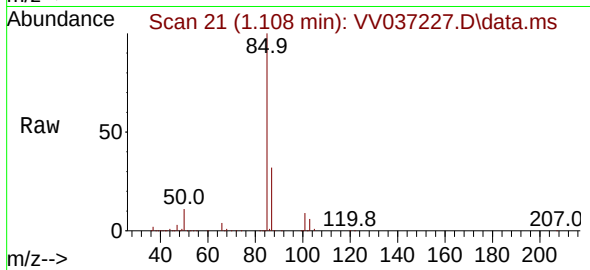
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 47.551 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV037227.D
 Acq: 06 Sep 2024 15:37

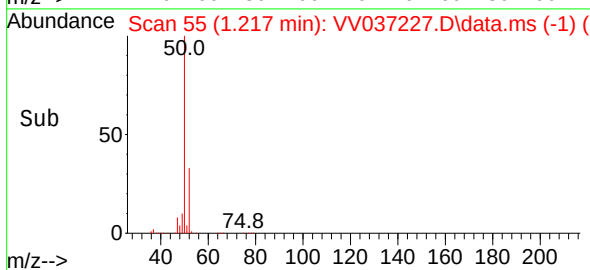
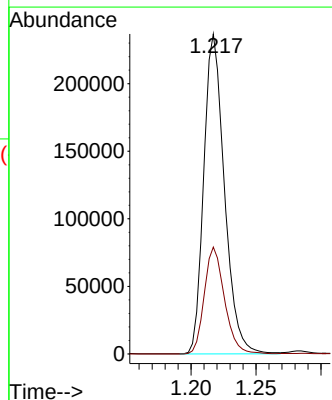
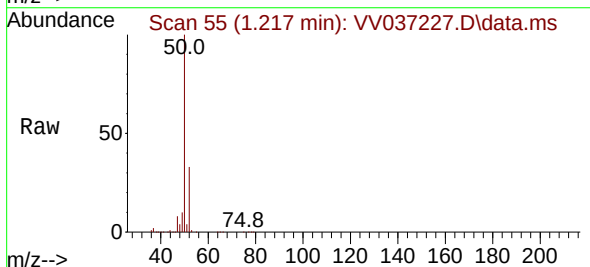
Instrument :
 MSVOA_V
 ClientSampleId :

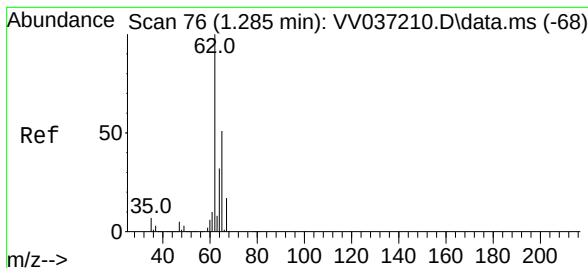
Tgt Ion: 85 Resp: 247973
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 44.736 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037227.D
 Acq: 06 Sep 2024 15:37

Tgt Ion: 50 Resp: 262364
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.5 41.9





#5

Vinyl chloride

Concen: 48.296 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

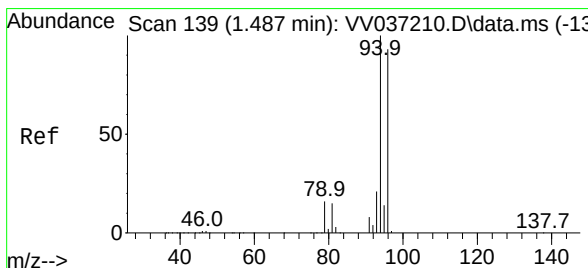
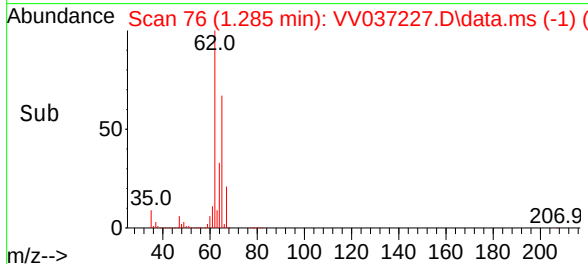
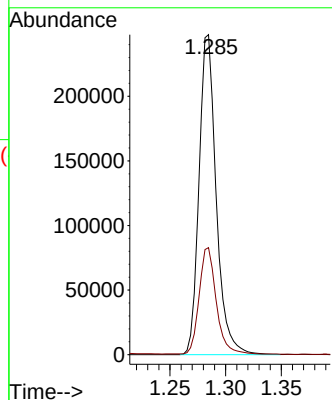
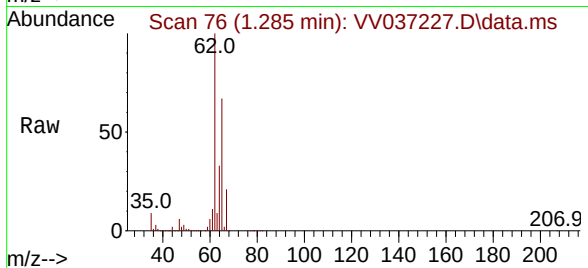
ClientSampleId :

Tgt Ion: 62 Resp: 265899

Ion Ratio Lower Upper

62 100

64 33.5 22.8 42.4



#6

Bromomethane

Concen: 50.292 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037227.D

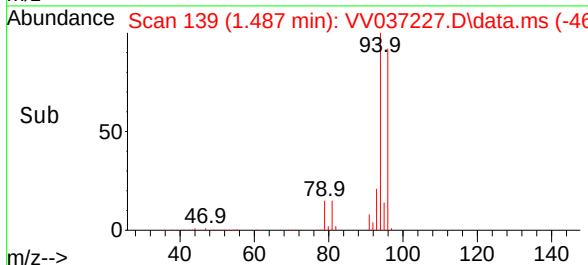
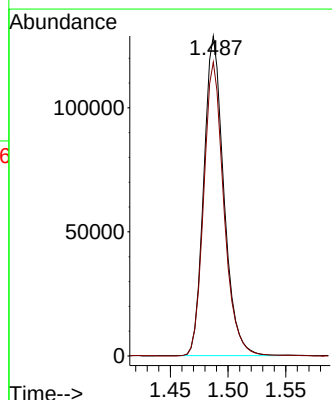
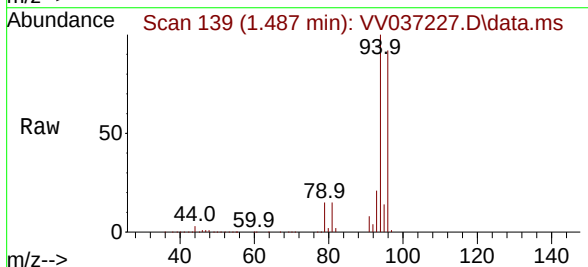
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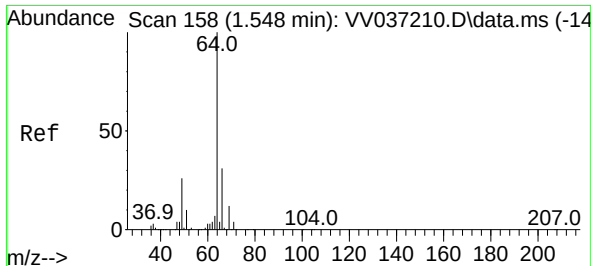
Tgt Ion: 94 Resp: 155150

Ion Ratio Lower Upper

94 100

96 91.8 65.6 121.8

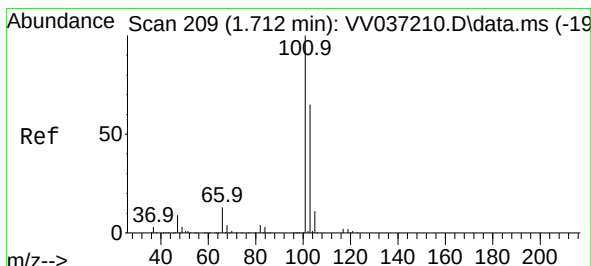
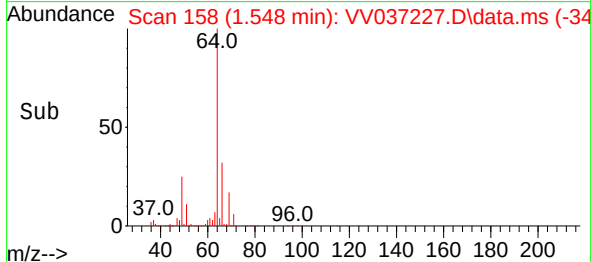
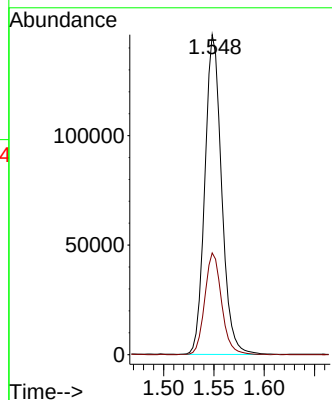
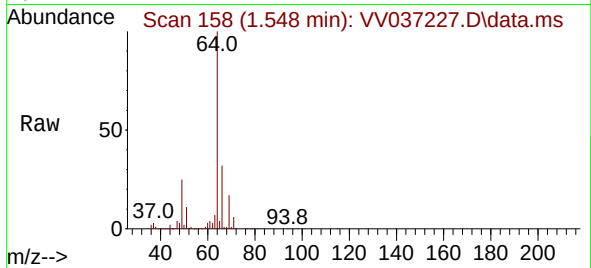




#8
Chloroethane
Concen: 50.179 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

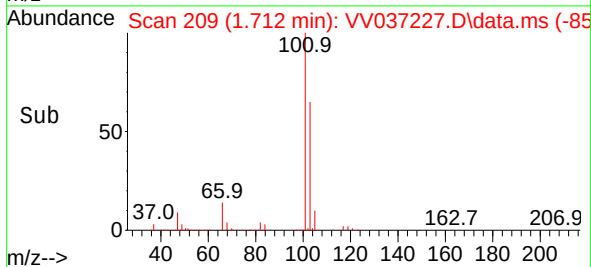
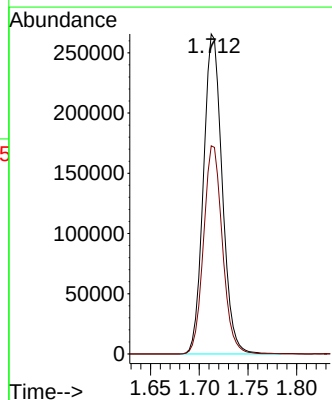
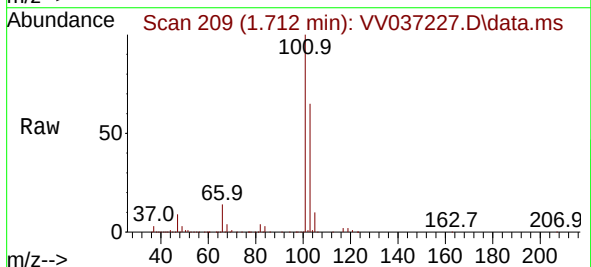
Instrument :
MSVOA_V
ClientSampleId :

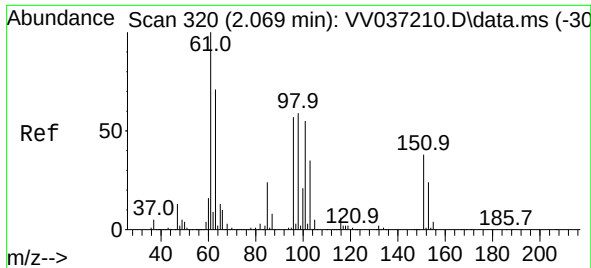
Tgt Ion: 64 Resp: 168982
Ion Ratio Lower Upper
64 100
66 31.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 49.531 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Tgt Ion:101 Resp: 355868
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5

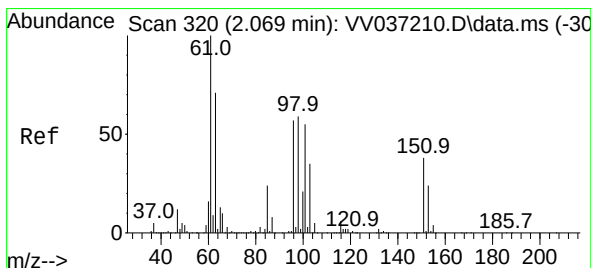
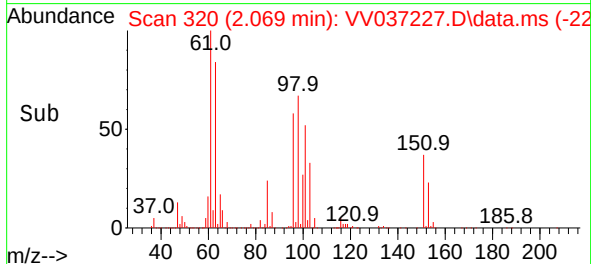
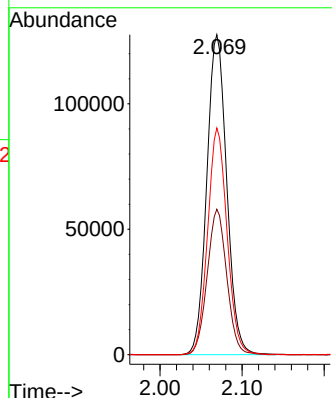
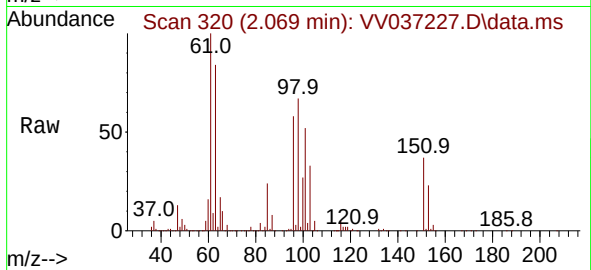




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.327 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

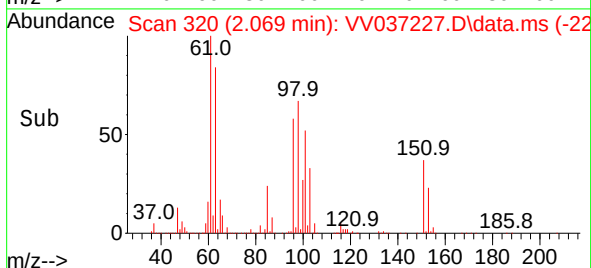
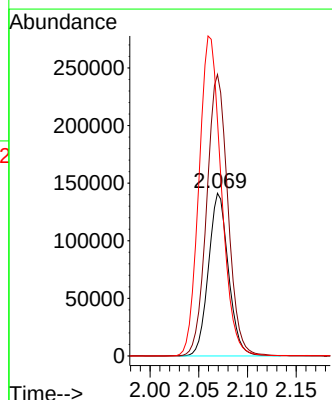
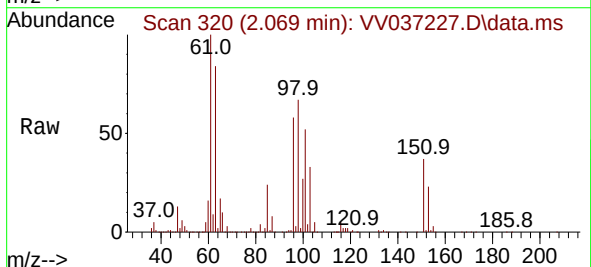
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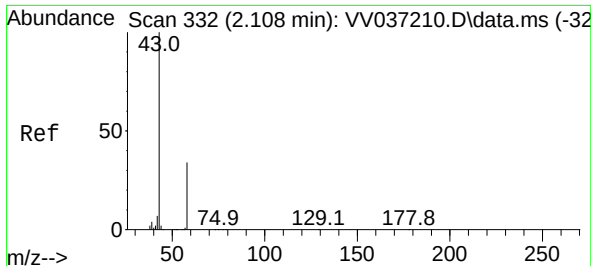
Tgt Ion:101 Resp: 215065
Ion Ratio Lower Upper
101 100
85 44.7 35.6 53.4
151 69.1 55.0 82.4



#12
1,1-Dichloroethene
Concen: 50.048 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Tgt Ion: 96 Resp: 201499
Ion Ratio Lower Upper
96 100
61 173.0 123.8 229.8
63 144.5 96.5 179.1





#13

Acetone

Concen: 66.157 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

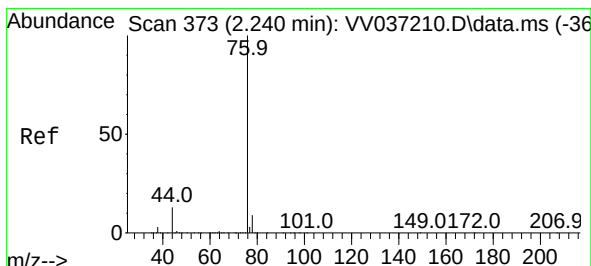
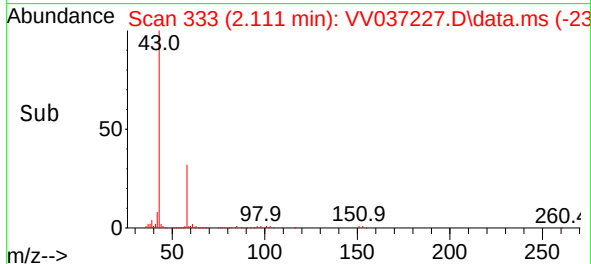
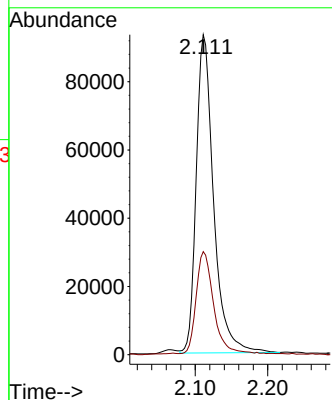
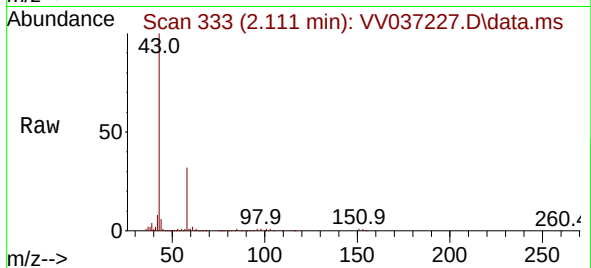
ClientSampleId :

Tgt Ion: 43 Resp: 155105

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.8



#14

Carbon disulfide

Concen: 45.908 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037227.D

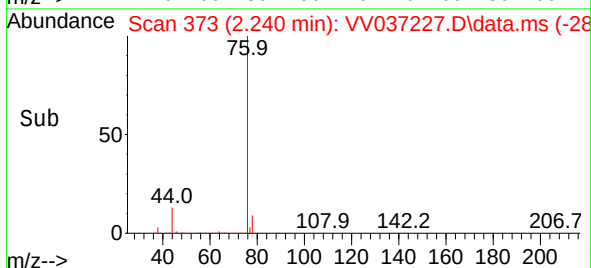
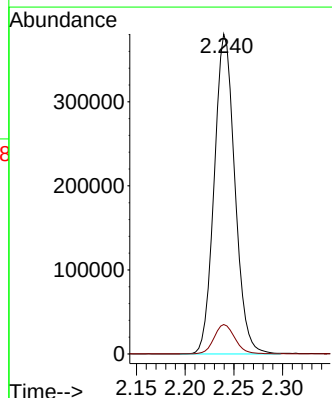
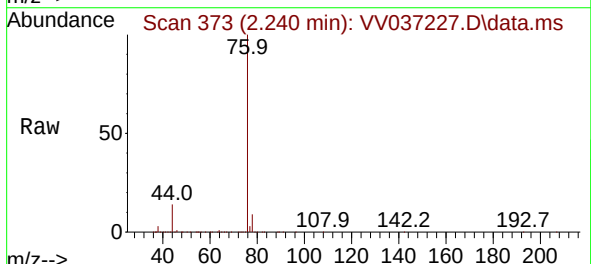
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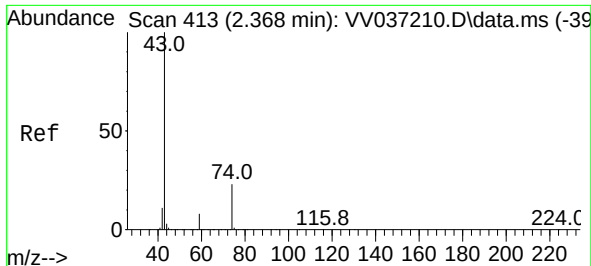
Tgt Ion: 76 Resp: 561099

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 47.431 ug/L

RT: 2.371 min Scan# 413

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

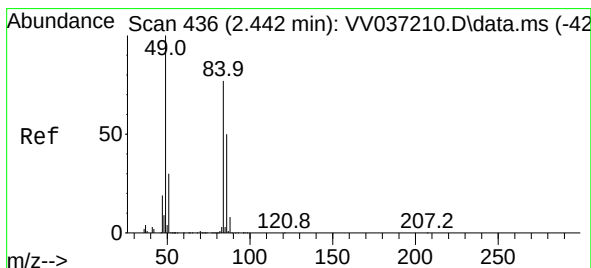
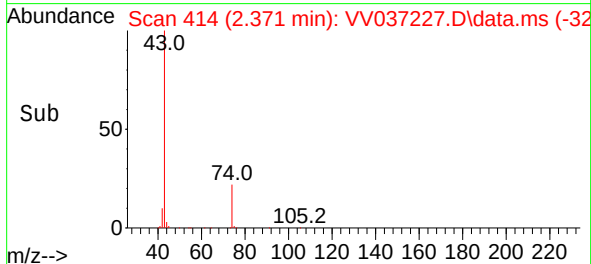
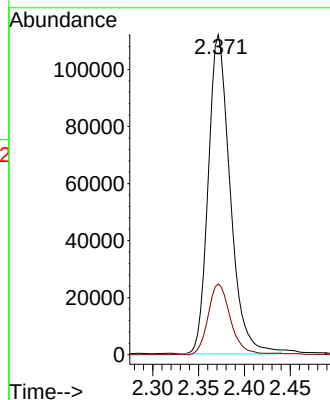
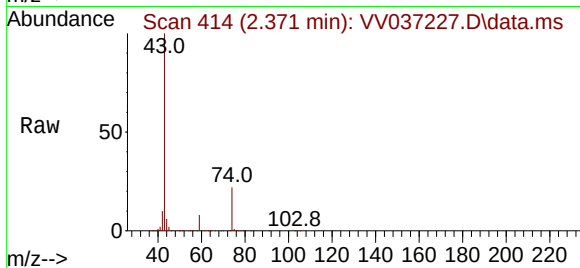
ClientSampleId :

Tgt Ion: 43 Resp: 186432

Ion Ratio Lower Upper

43 100

74 22.5 18.4 27.6



#16

Methylene chloride

Concen: 51.341 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

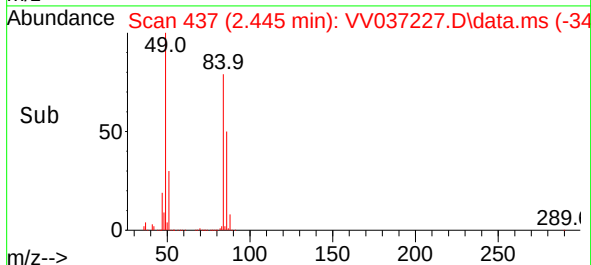
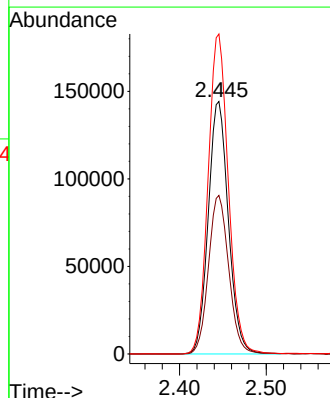
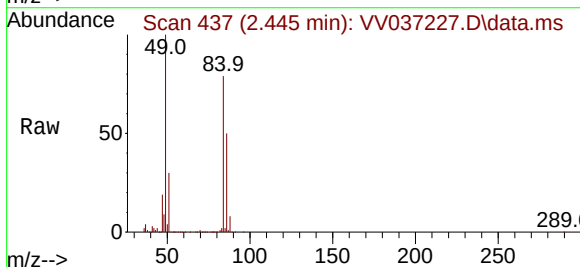
Tgt Ion: 84 Resp: 233217

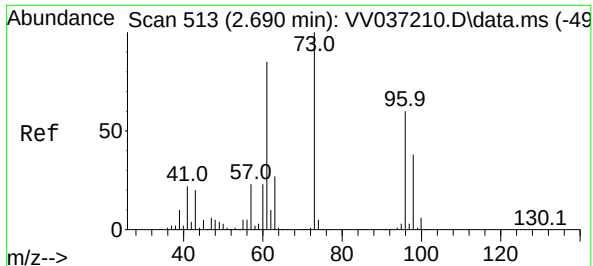
Ion Ratio Lower Upper

84 100

86 62.8 44.7 82.9

49 126.7 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 50.027 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

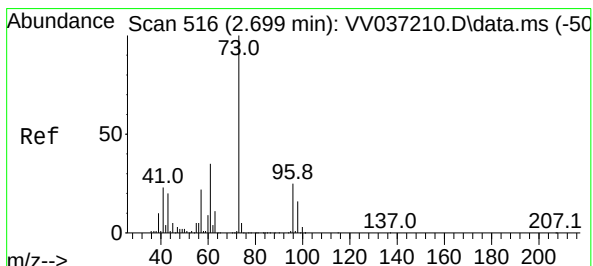
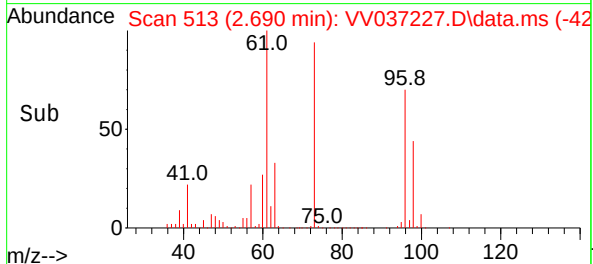
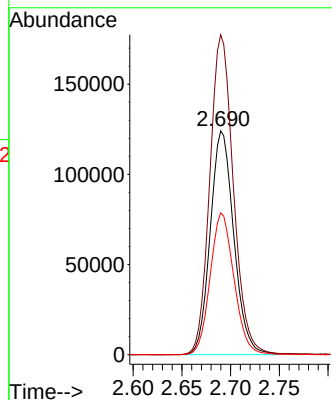
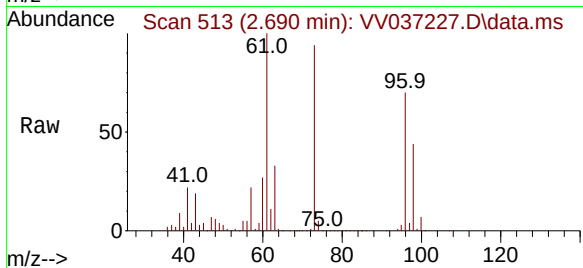
Tgt Ion: 96 Resp: 209091

Ion Ratio Lower Upper

96 100

61 143.0 102.3 189.9

98 63.3 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 49.604 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

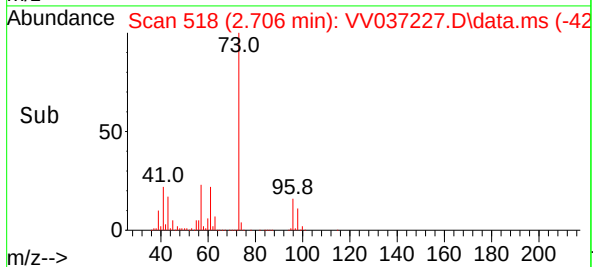
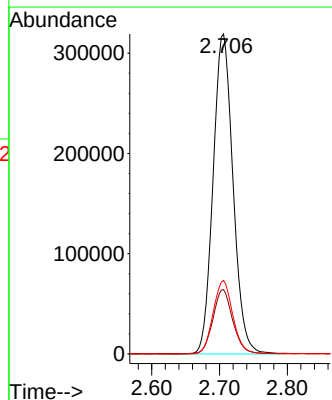
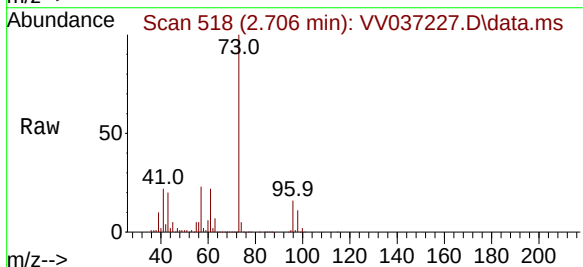
Tgt Ion: 73 Resp: 652175

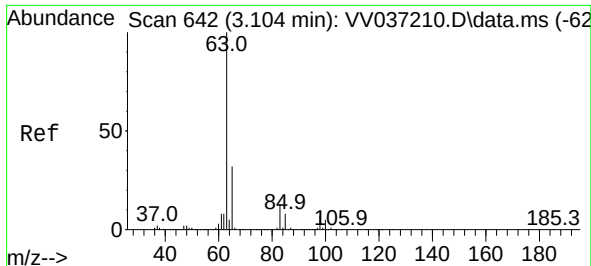
Ion Ratio Lower Upper

73 100

43 19.8 15.8 23.6

57 22.7 18.1 27.1

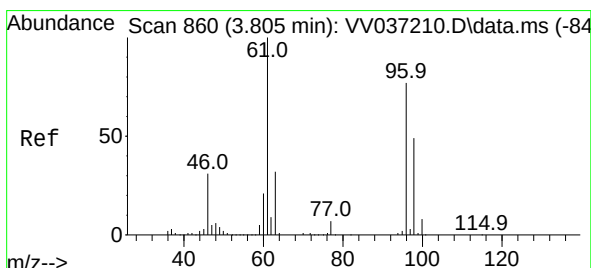
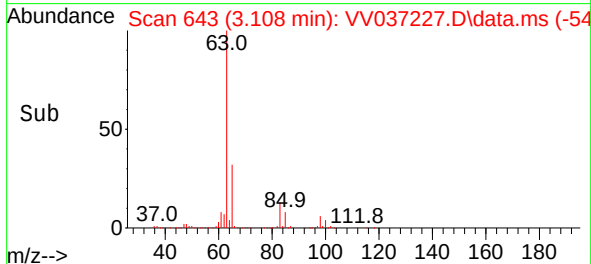
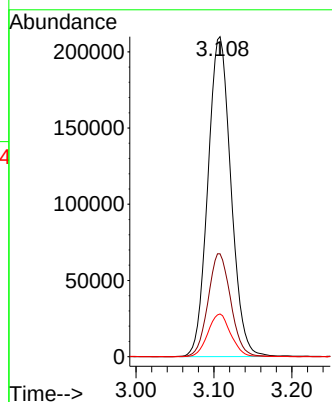
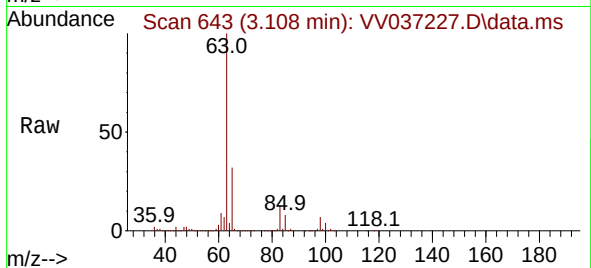




#19
1,1-Dichloroethane
Concen: 51.934 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

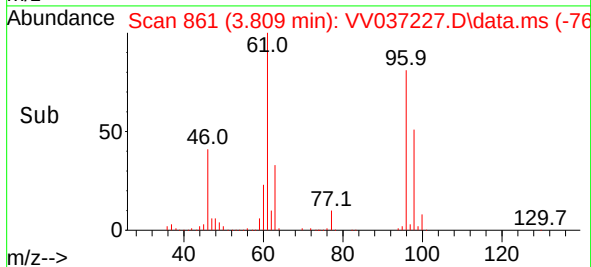
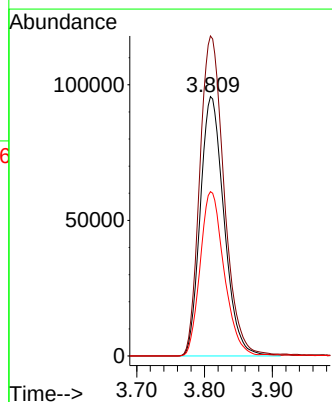
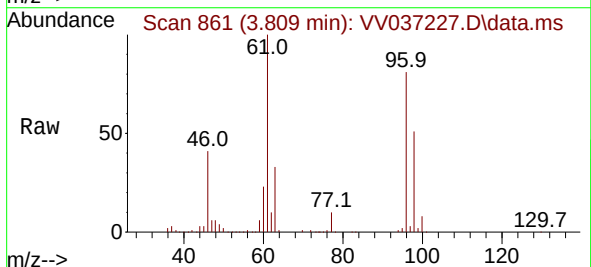
Instrument :
MSVOA_V
ClientSampleId :

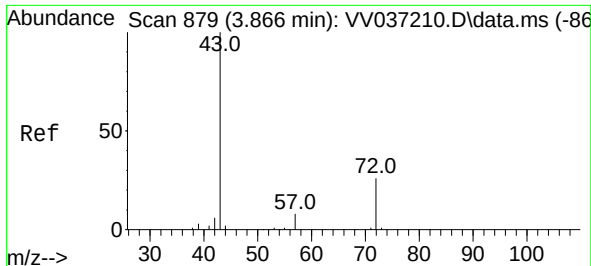
Tgt Ion: 63 Resp: 431070
Ion Ratio Lower Upper
63 100
65 32.2 22.0 41.0
83 13.3 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 50.525 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Tgt Ion: 96 Resp: 233346
Ion Ratio Lower Upper
96 100
61 123.4 89.9 166.9
98 63.3 44.8 83.2





#22

2-Butanone

Concen: 76.127 ug/L

RT: 3.873 min Scan# 81

Delta R.T. 0.006 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

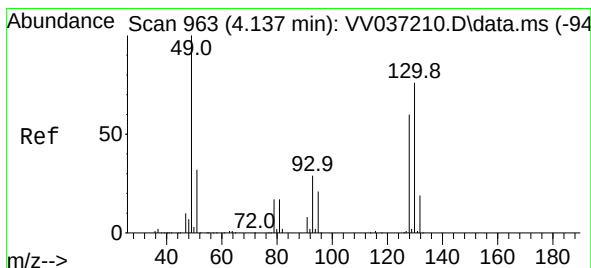
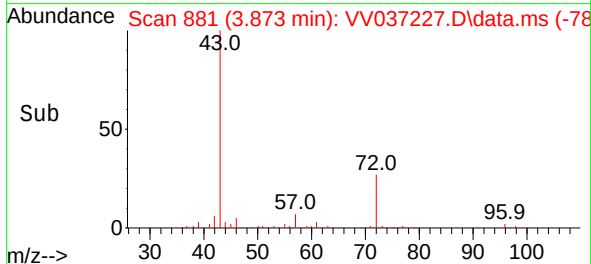
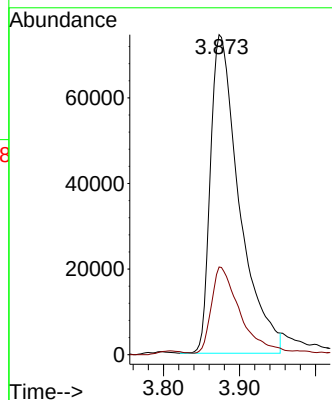
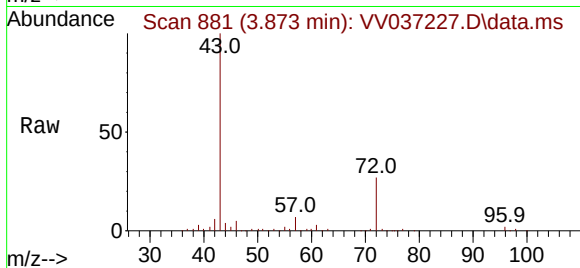
ClientSampleId :

Tgt Ion: 43 Resp: 196510

Ion Ratio Lower Upper

43 100

72 26.7 12.7 38.0



#23

Bromochloromethane

Concen: 52.283 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.006 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Tgt Ion: 128 Resp: 118531

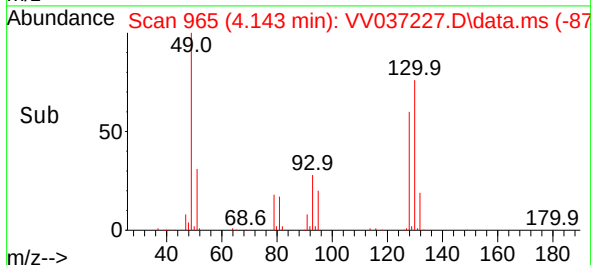
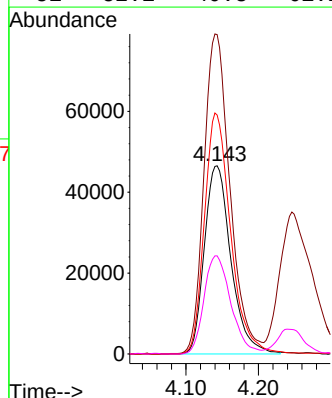
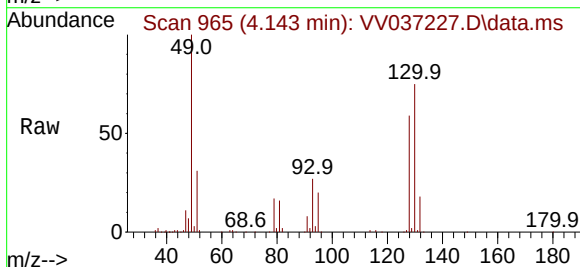
Ion Ratio Lower Upper

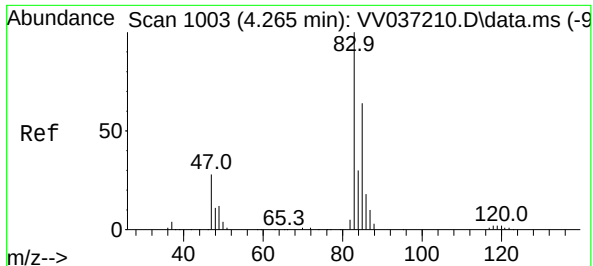
128 100

49 169.8 117.2 217.6

130 127.0 87.6 162.8

51 52.1 40.8 61.2





#25

Chloroform

Concen: 50.711 ug/L

RT: 4.272 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

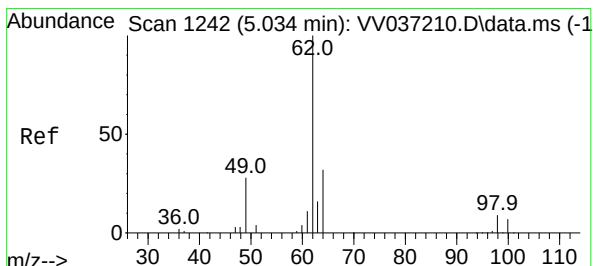
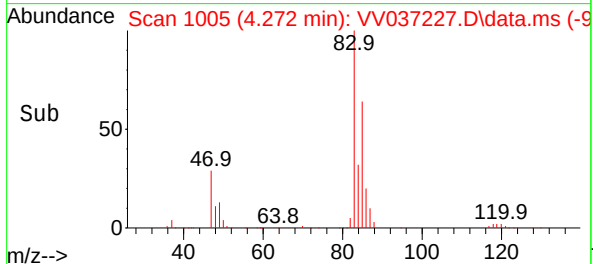
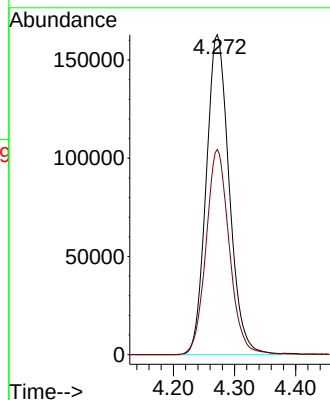
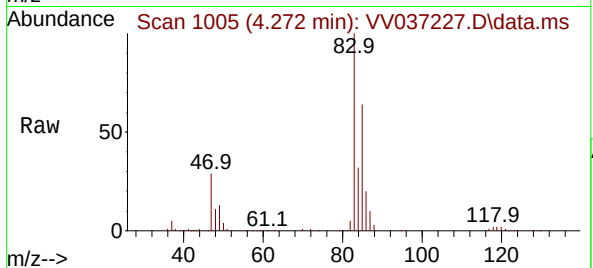
ClientSampleId :

Tgt Ion: 83 Resp: 426281

Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 51.326 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV037227.D

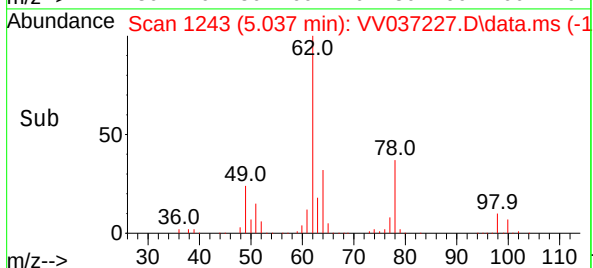
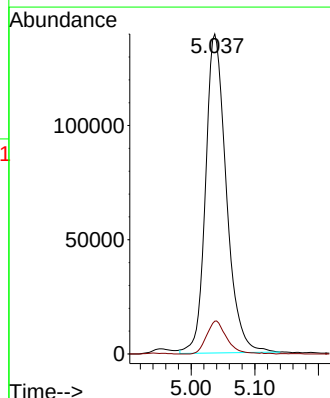
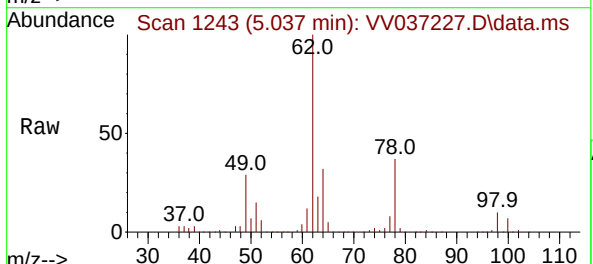
Acq: 06 Sep 2024 15:37

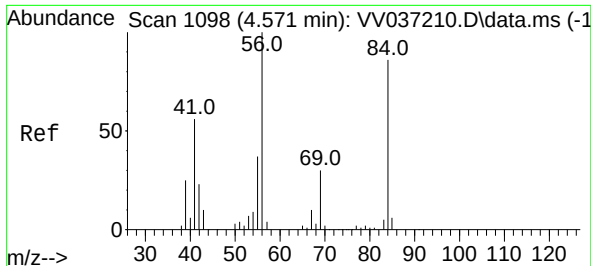
Tgt Ion: 62 Resp: 316485

Ion Ratio Lower Upper

62 100

98 10.3 8.0 12.0





#29

Cyclohexane

Concen: 47.360 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

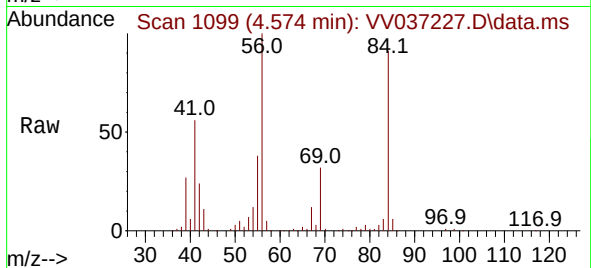
Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :



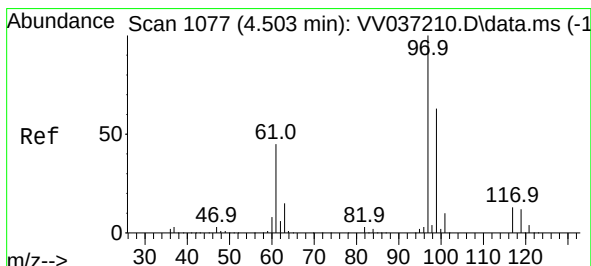
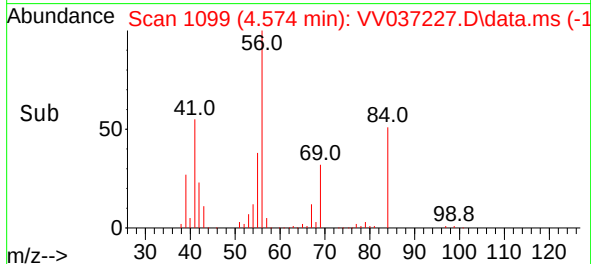
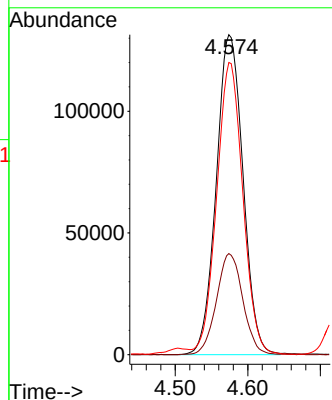
Tgt Ion: 56 Resp: 336902

Ion Ratio Lower Upper

56 100

69 30.8 24.2 36.4

84 89.2 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 50.244 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

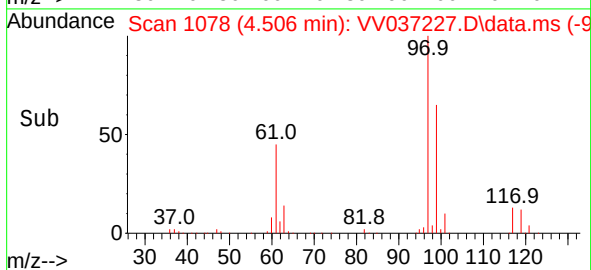
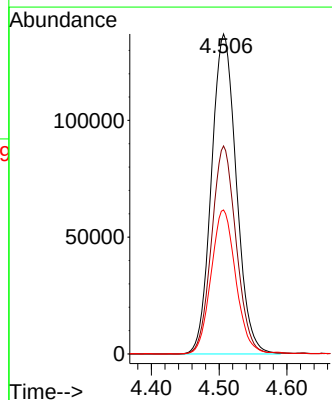
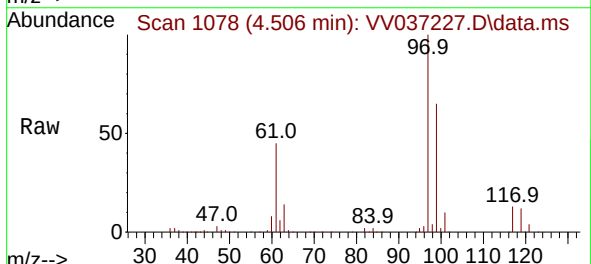
Tgt Ion: 97 Resp: 349779

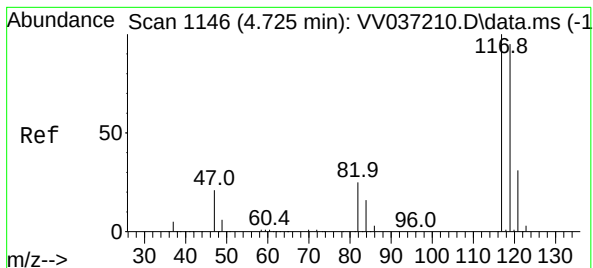
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 44.7 35.8 53.6





#31

Carbon tetrachloride

Concen: 50.561 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

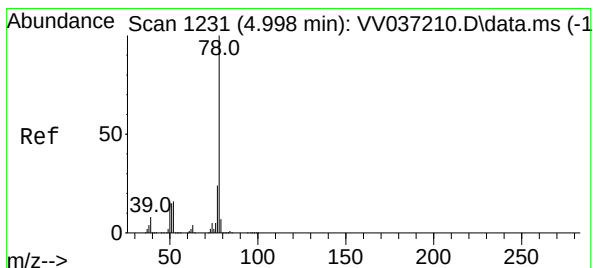
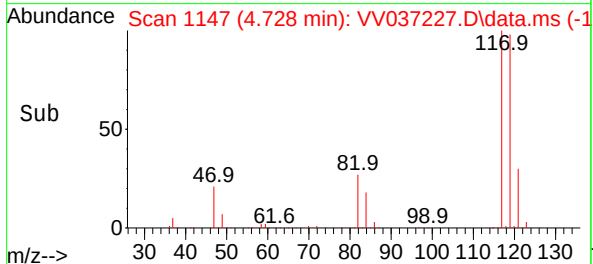
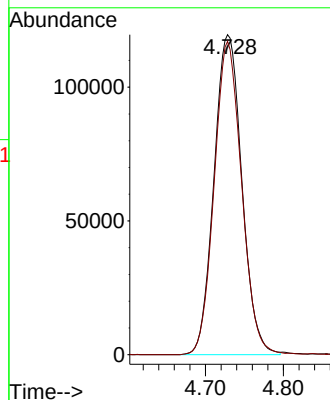
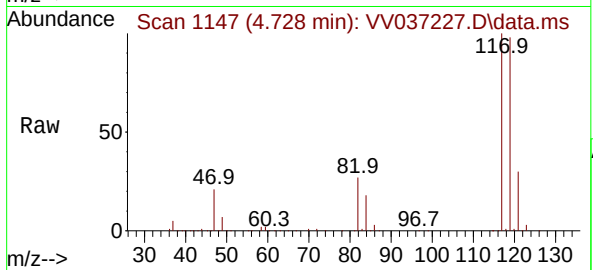
ClientSampleId :

Tgt Ion:117 Resp: 297008

Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.6



#33

Benzene

Concen: 51.545 ug/L

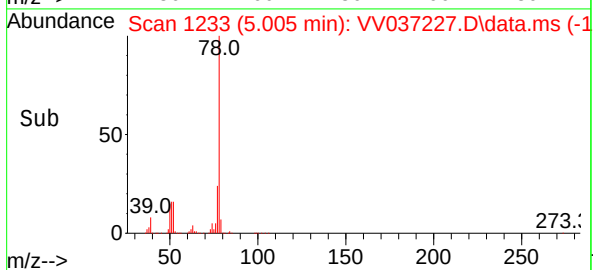
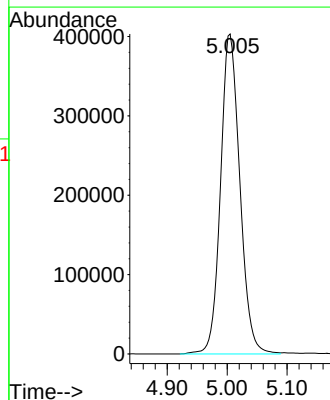
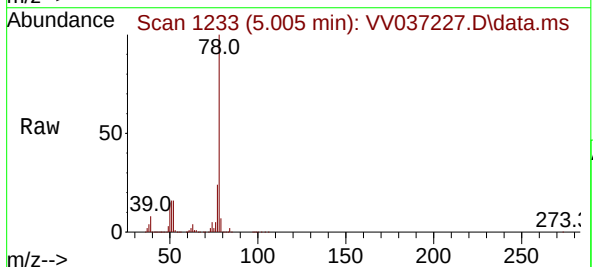
RT: 5.005 min Scan# 1233

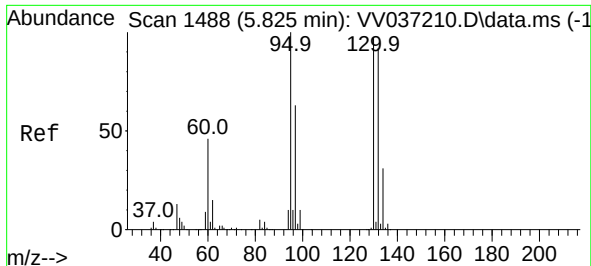
Delta R.T. 0.006 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

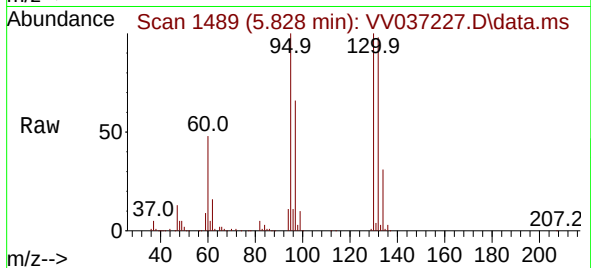
Tgt Ion: 78 Resp: 899999



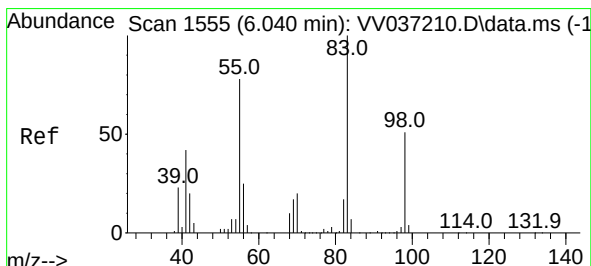
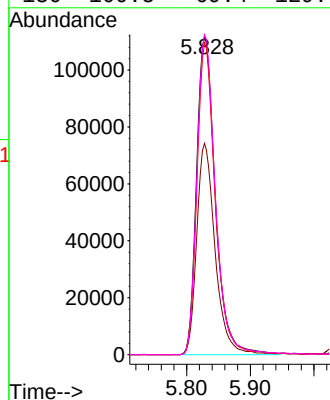
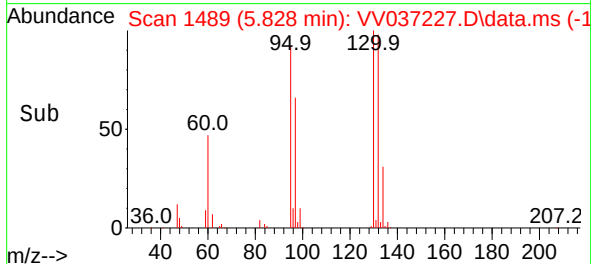


#34
Trichloroethene
Concen: 49.808 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Instrument :
MSVOA_V
ClientSampleId :

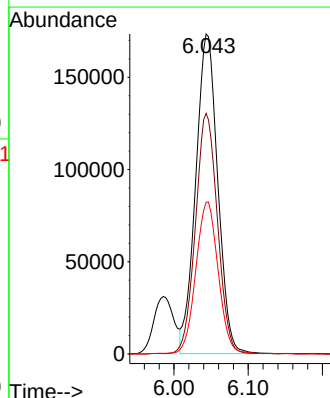
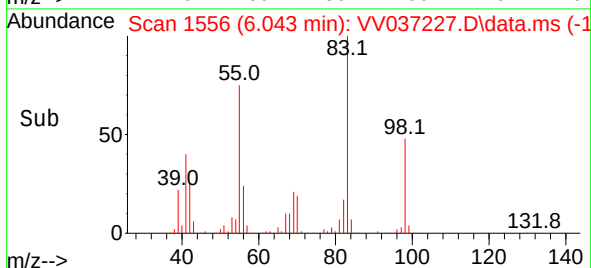
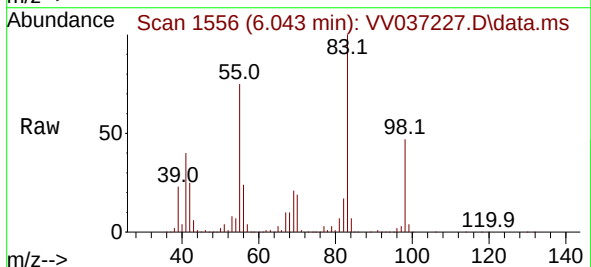


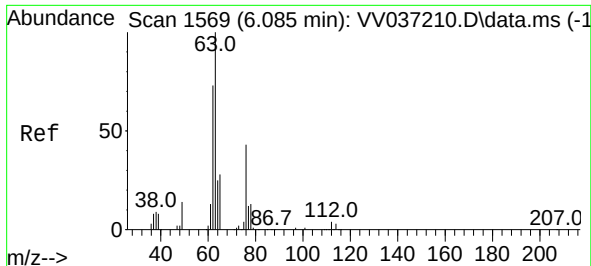
Tgt Ion: 95 Resp: 229540
Ion Ratio Lower Upper
95 100
97 66.4 44.4 82.5
132 97.9 64.9 120.5
130 100.5 69.4 129.0



#35
Methylcyclohexane
Concen: 47.789 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Tgt Ion: 83 Resp: 357825
Ion Ratio Lower Upper
83 100
55 75.2 61.2 91.8
98 48.5 39.3 58.9

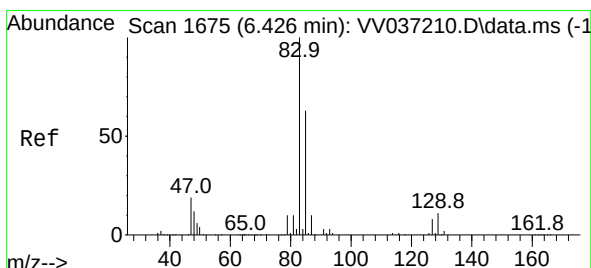
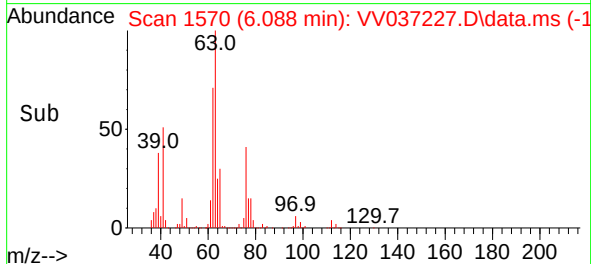
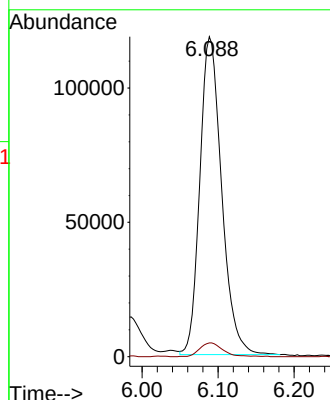
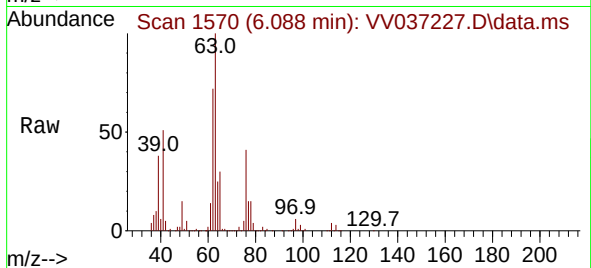




#37
1,2-Dichloropropane
Concen: 50.316 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

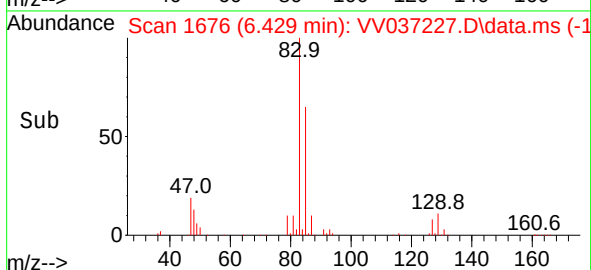
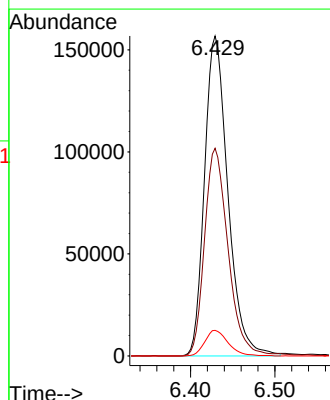
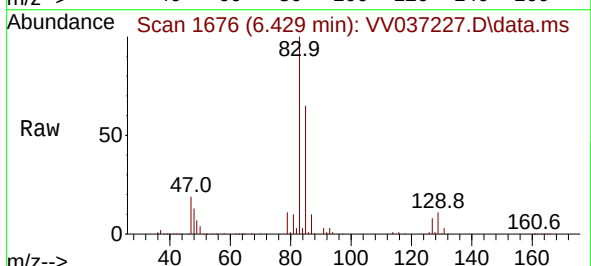
Instrument :
MSVOA_V
ClientSampleId :

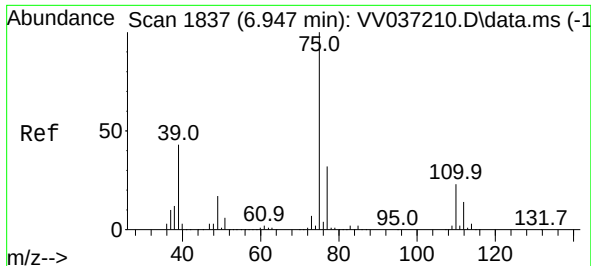
Tgt Ion: 63 Resp: 235526
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 50.532 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Tgt Ion: 83 Resp: 303168
Ion Ratio Lower Upper
83 100
85 64.9 44.5 82.7
127 8.0 6.1 9.1

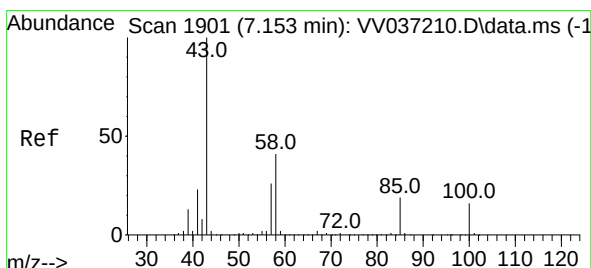
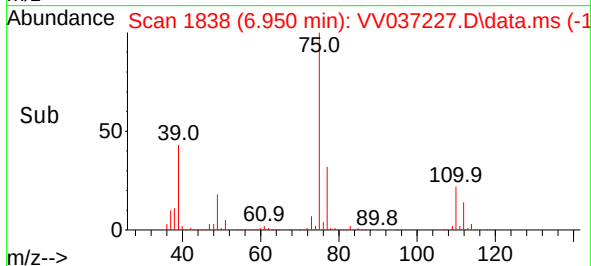
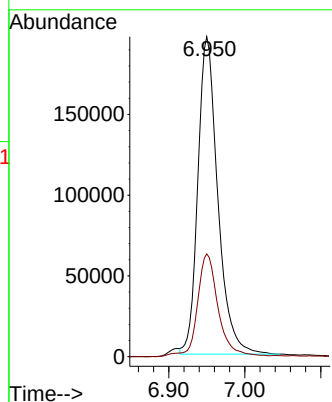
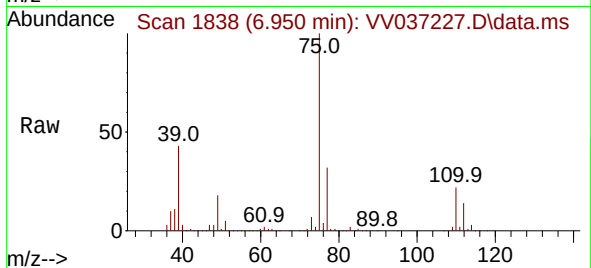




#39
 cis-1,3-Dichloropropene
 Concen: 48.469 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV037227.D
 Acq: 06 Sep 2024 15:37

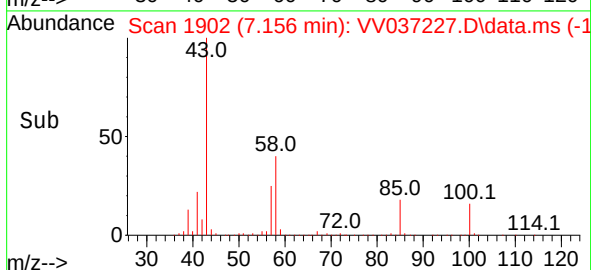
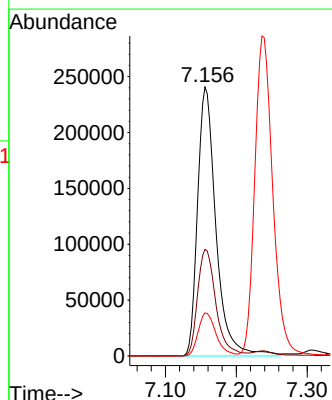
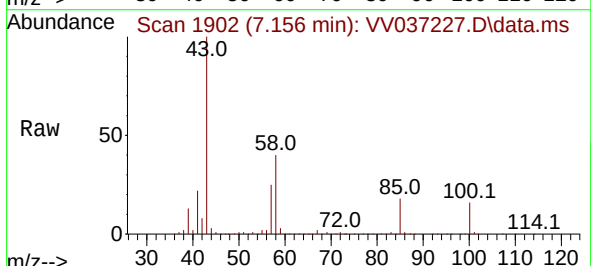
Instrument :
 MSVOA_V
 ClientSampleId :

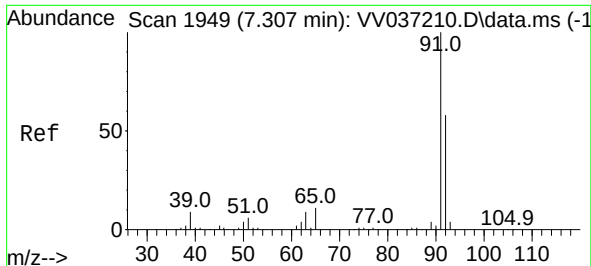
Tgt Ion: 75 Resp: 358039
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 91.374 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV037227.D
 Acq: 06 Sep 2024 15:37

Tgt Ion: 43 Resp: 434836
 Ion Ratio Lower Upper
 43 100
 58 39.6 32.0 48.0
 100 15.6 12.4 18.6





#42

Toluene

Concen: 51.694 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

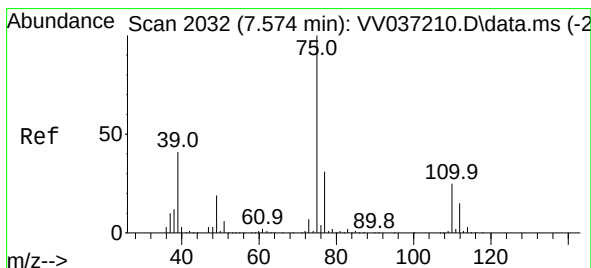
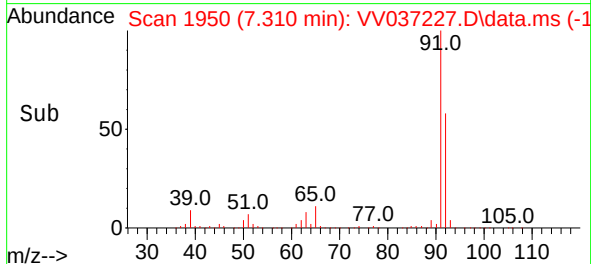
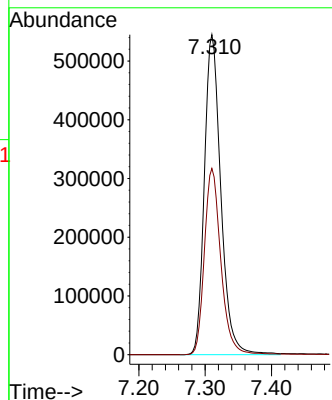
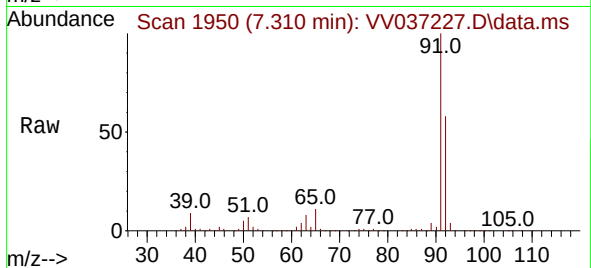
ClientSampleId :

Tgt Ion: 91 Resp: 939757

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 50.739 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV037227.D

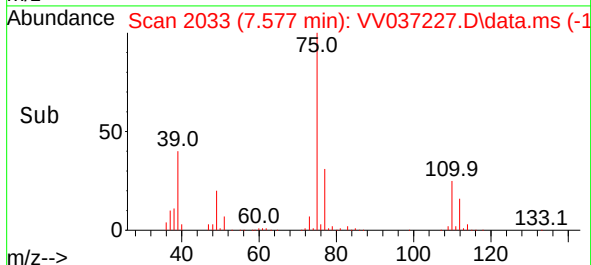
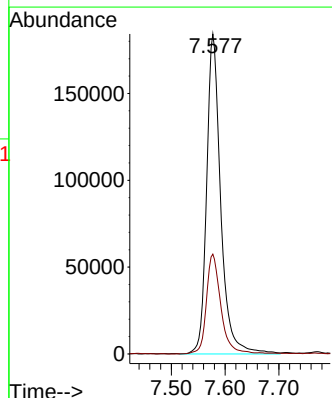
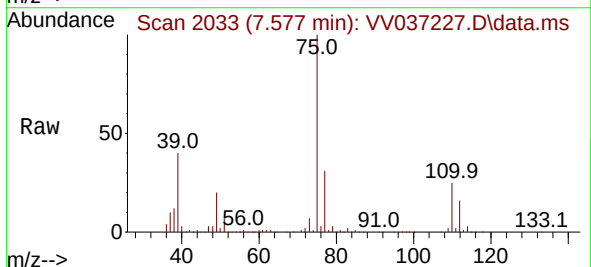
Acq: 06 Sep 2024 15:37

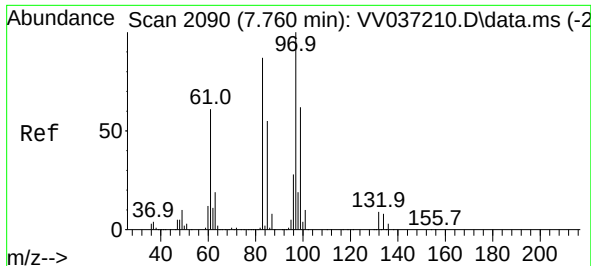
Tgt Ion: 75 Resp: 335016

Ion Ratio Lower Upper

75 100

77 31.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 51.347 ug/L

RT: 7.763 min Scan# 2090

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 223744

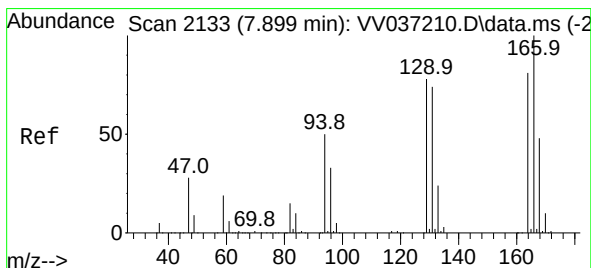
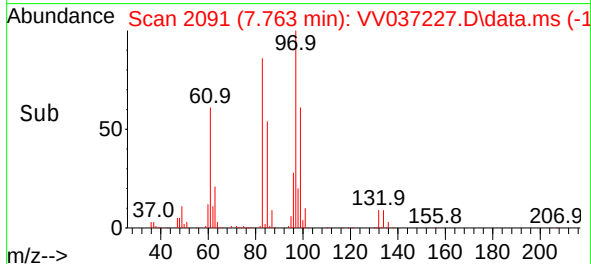
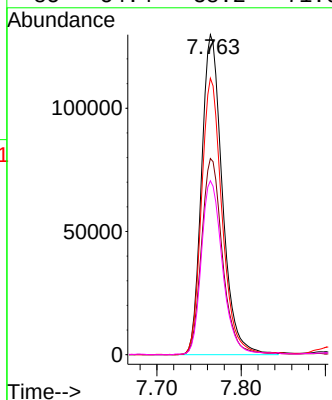
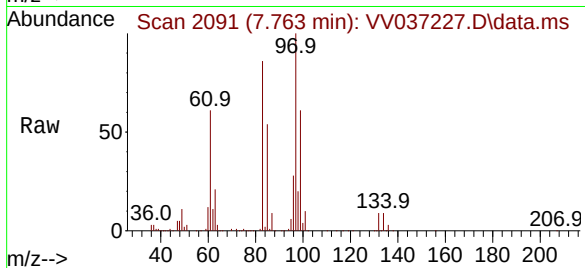
Ion Ratio Lower Upper

97 100

99 61.3 42.6 79.0

83 86.4 60.5 112.3

85 54.4 38.2 71.0



#46

Tetrachloroethene

Concen: 49.431 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Tgt Ion:164 Resp: 163452

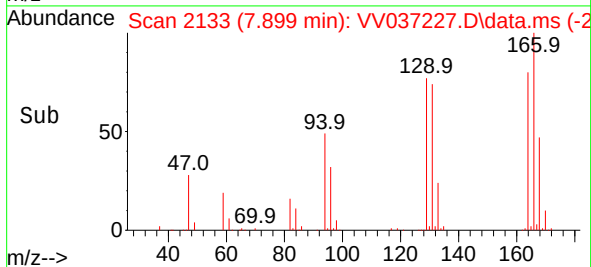
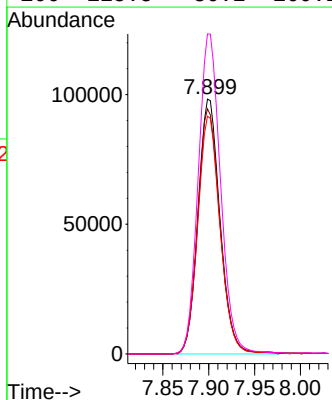
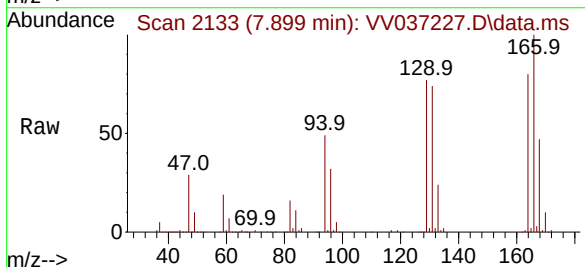
Ion Ratio Lower Upper

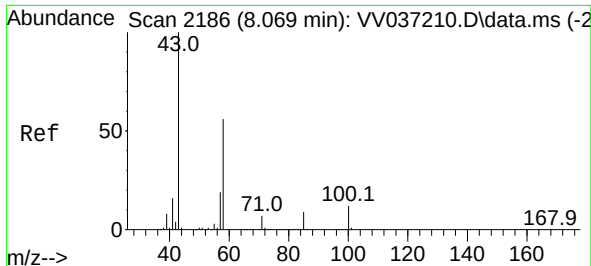
164 100

129 96.1 67.1 124.7

131 93.3 67.0 124.4

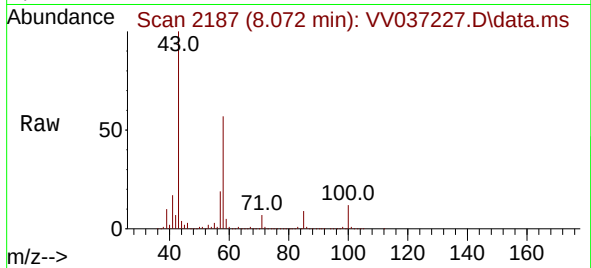
166 125.5 86.2 160.2



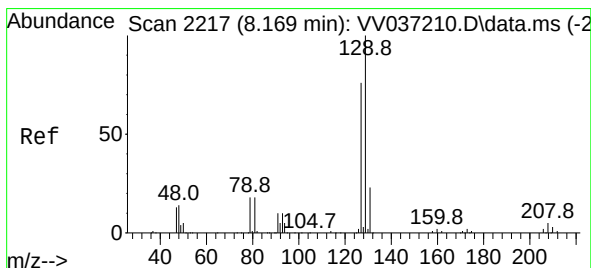
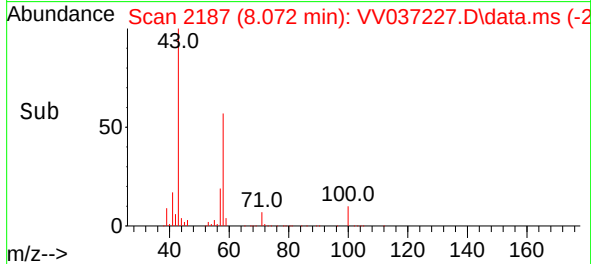
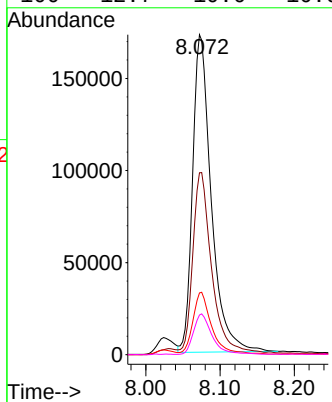


#48
2-Hexanone
Concen: 82.278 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Instrument :
MSVOA_V
ClientSampleId :

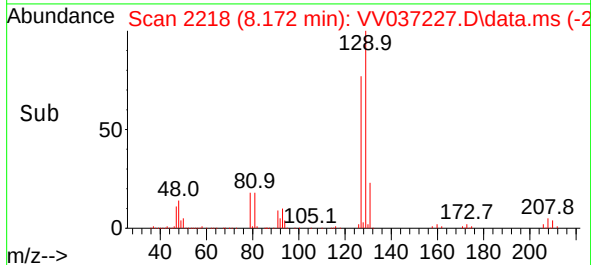
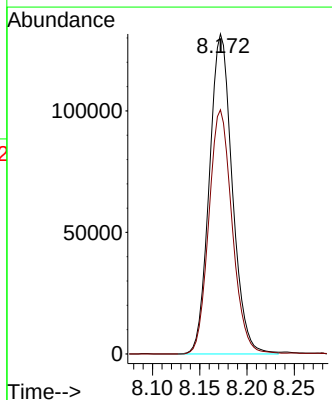
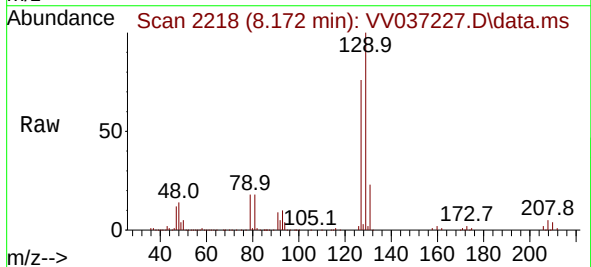


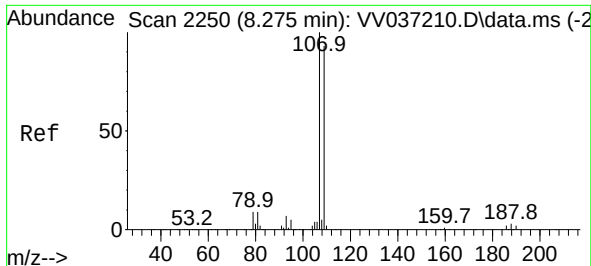
Tgt Ion: 43 Resp: 302819
Ion Ratio Lower Upper
43 100
58 57.7 46.0 69.0
57 19.7 15.6 23.4
100 12.7 10.6 16.0



#49
Dibromochloromethane
Concen: 51.049 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

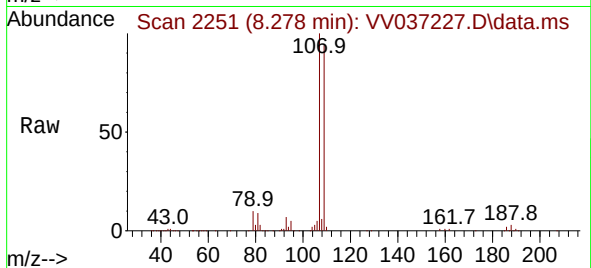
Tgt Ion: 129 Resp: 222738
Ion Ratio Lower Upper
129 100
127 76.3 54.7 101.7



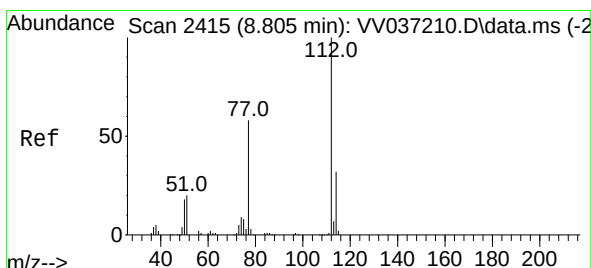
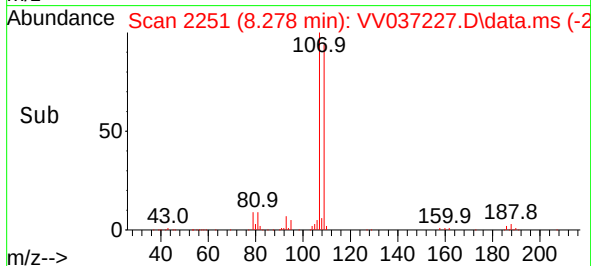
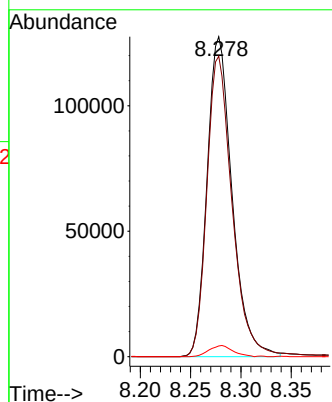


#50
1,2-Dibromoethane
Concen: 50.007 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Instrument :
MSVOA_V
ClientSampleId :

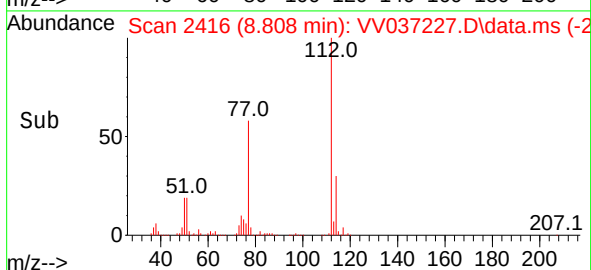
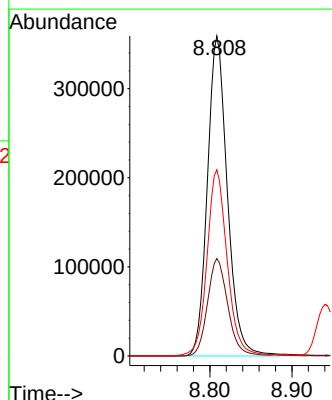
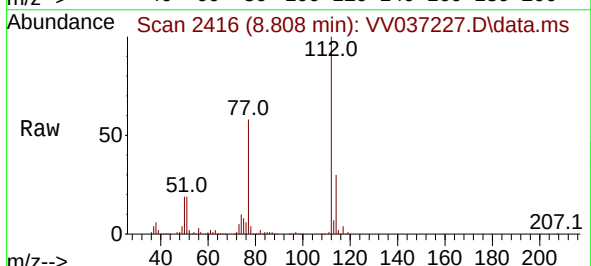


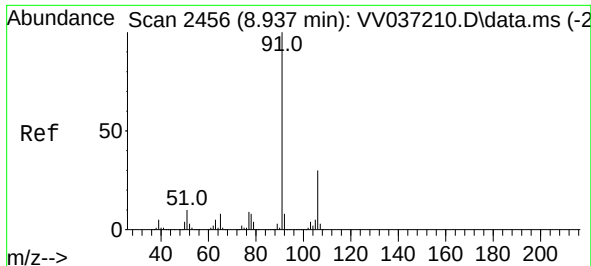
Tgt Ion:107 Resp: 220498
Ion Ratio Lower Upper
107 100
109 93.9 66.6 123.6
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 50.412 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Tgt Ion:112 Resp: 606726
Ion Ratio Lower Upper
112 100
114 30.4 22.3 41.5
77 58.2 47.8 71.8





#52

Ethylbenzene

Concen: 50.668 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

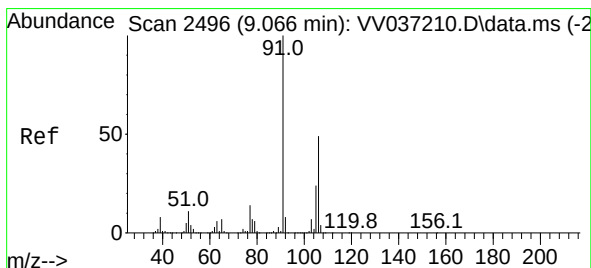
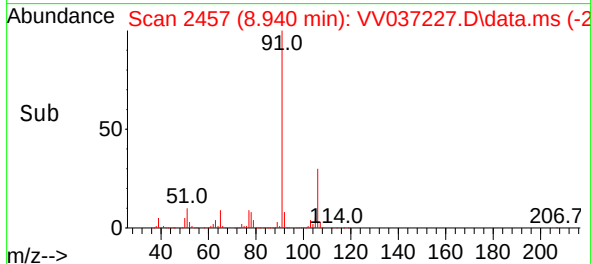
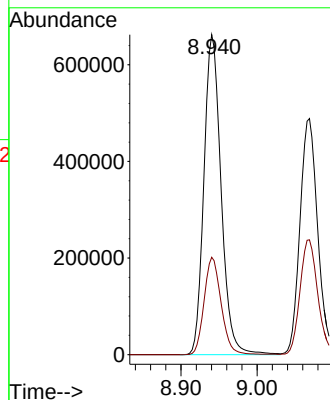
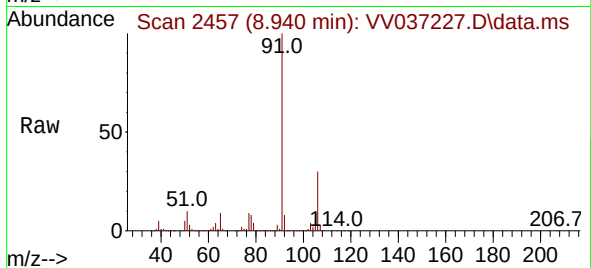
ClientSampleId :

Tgt Ion: 91 Resp: 1040448

Ion Ratio Lower Upper

91 100

106 30.5 21.4 39.8



#53

m,p-Xylene

Concen: 51.135 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037227.D

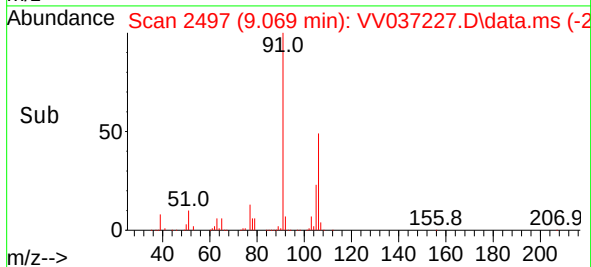
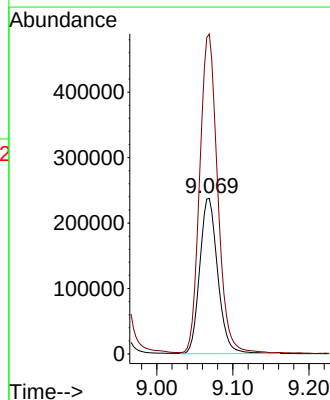
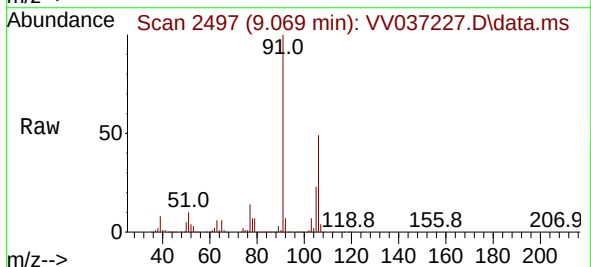
Acq: 06 Sep 2024 15:37

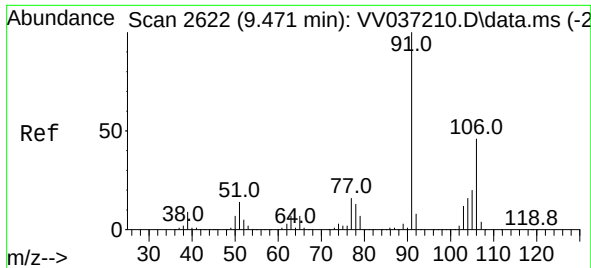
Tgt Ion:106 Resp: 389049

Ion Ratio Lower Upper

106 100

91 205.7 143.0 265.6

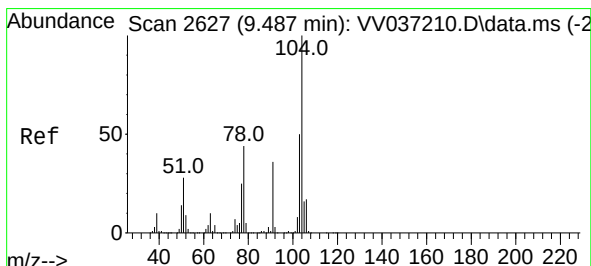
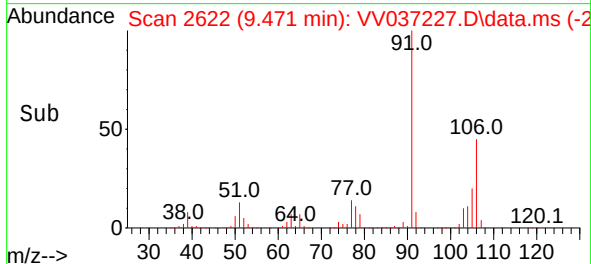
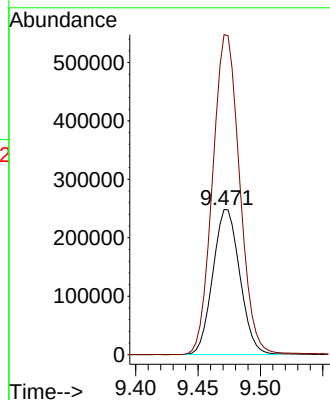
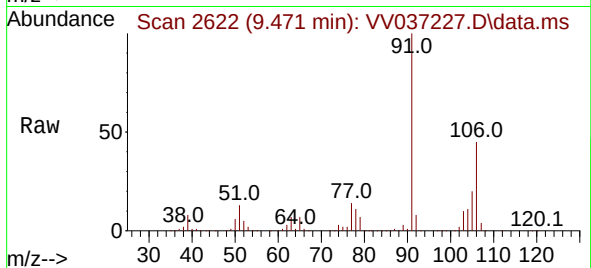




#54
o-Xylene
Concen: 50.271 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

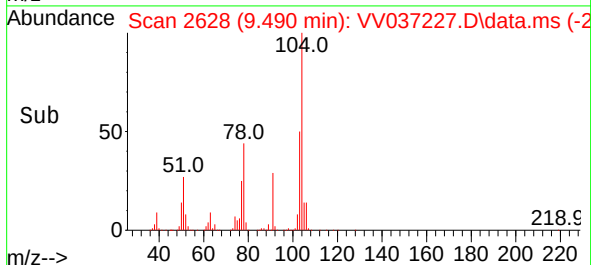
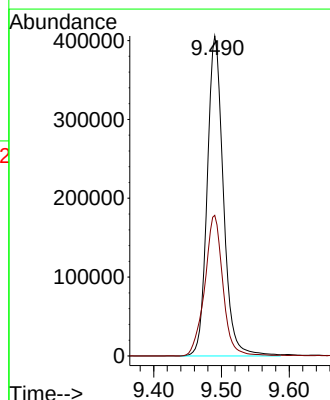
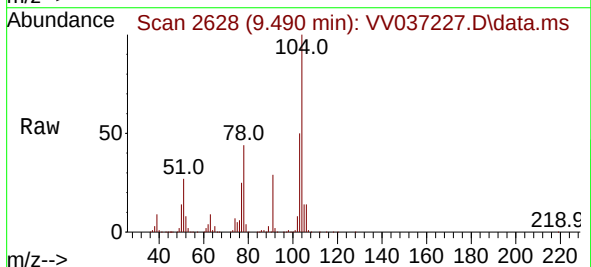
Instrument :
MSVOA_V
ClientSampleId :

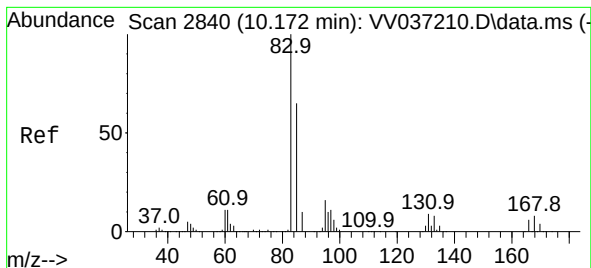
Tgt Ion:106 Resp: 374484
Ion Ratio Lower Upper
106 100
91 220.6 153.2 284.6



#55
Styrene
Concen: 52.071 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Tgt Ion:104 Resp: 673059
Ion Ratio Lower Upper
104 100
78 44.0 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 48.493 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

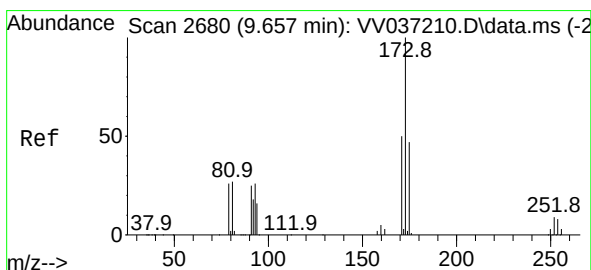
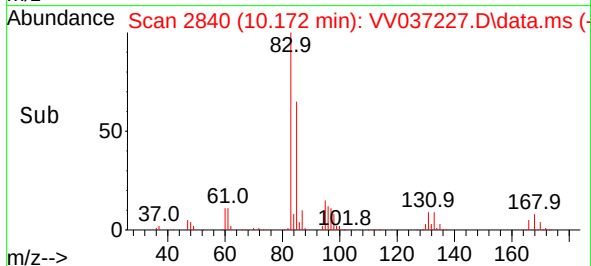
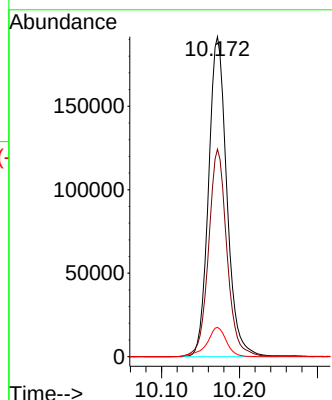
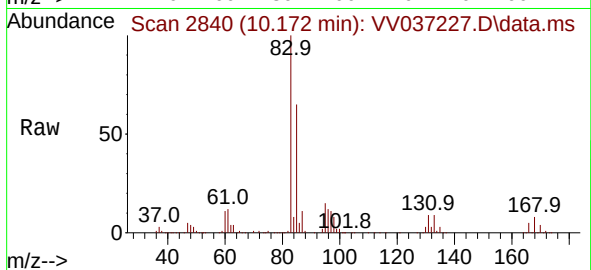
Tgt Ion: 83 Resp: 312955

Ion Ratio Lower Upper

83 100

85 64.8 45.1 83.7

131 9.1 7.4 11.0



#59

Bromoform

Concen: 48.076 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

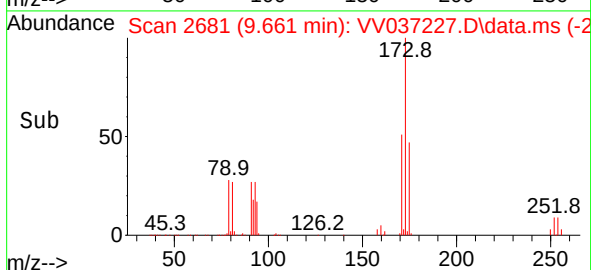
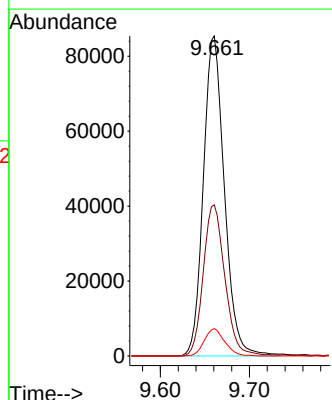
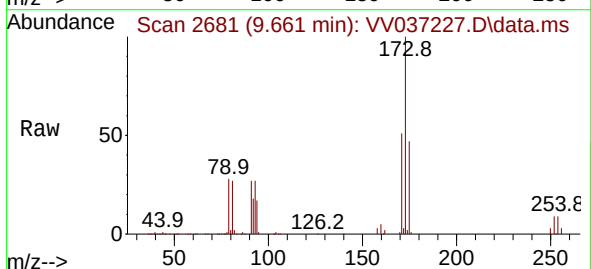
Tgt Ion:173 Resp: 140022

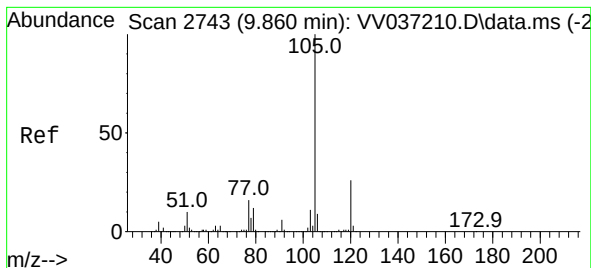
Ion Ratio Lower Upper

173 100

175 48.3 38.7 58.1

254 8.3 6.8 10.2





#60

Isopropylbenzene

Concen: 50.861 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

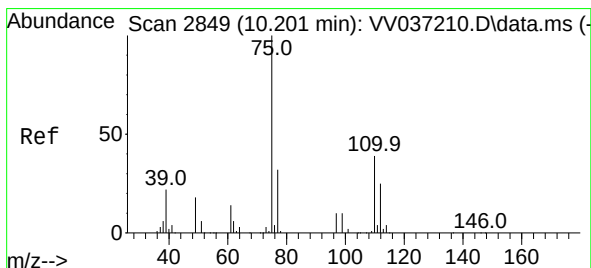
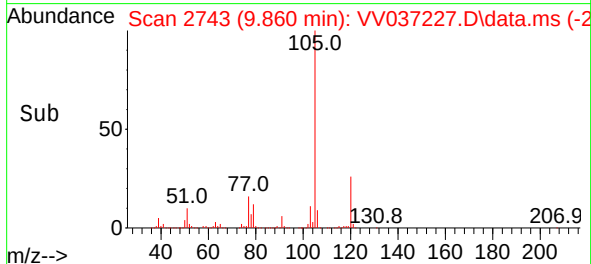
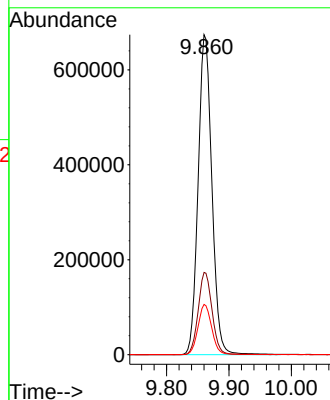
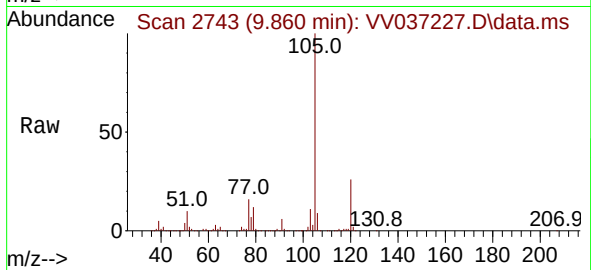
Tgt Ion:105 Resp: 1031297

Ion Ratio Lower Upper

105 100

120 25.8 20.9 31.3

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 48.048 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

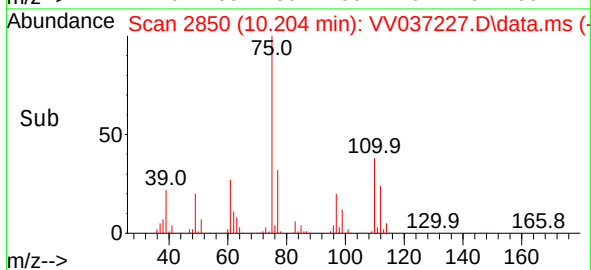
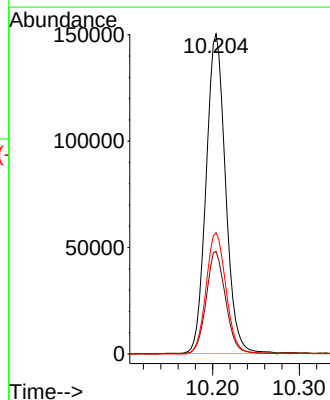
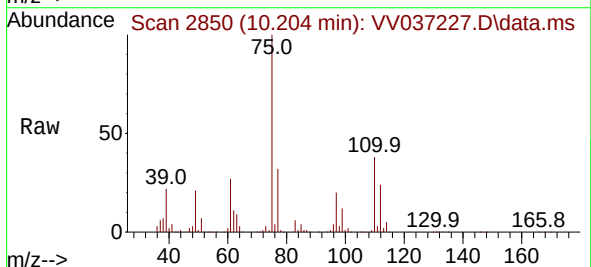
Tgt Ion: 75 Resp: 233779

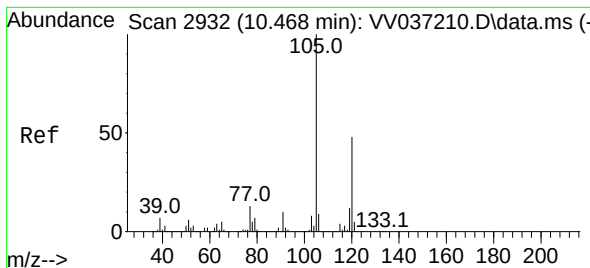
Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8

110 39.1 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 50.141 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

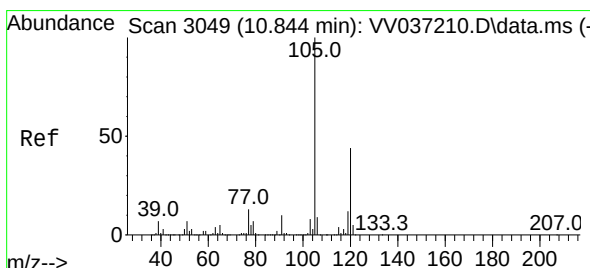
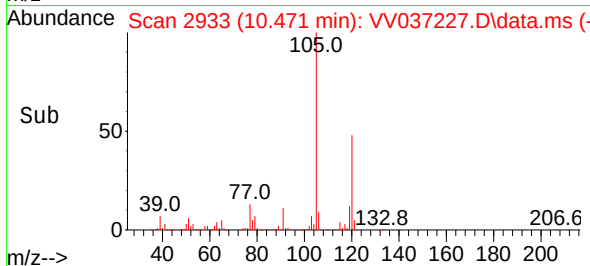
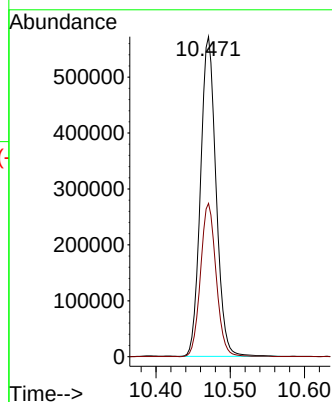
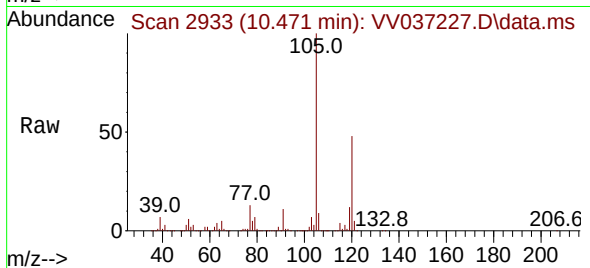
ClientSampleId :

Tgt Ion:105 Resp: 831823

Ion Ratio Lower Upper

105 100

120 48.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 50.033 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037227.D

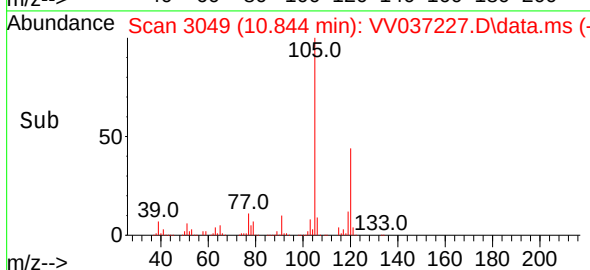
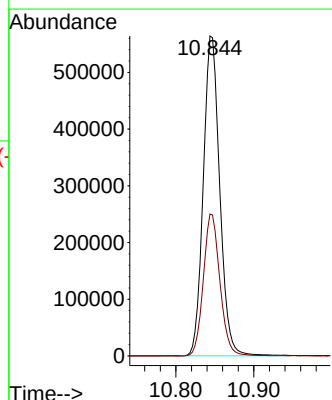
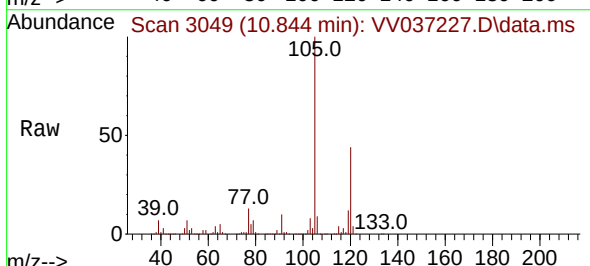
Acq: 06 Sep 2024 15:37

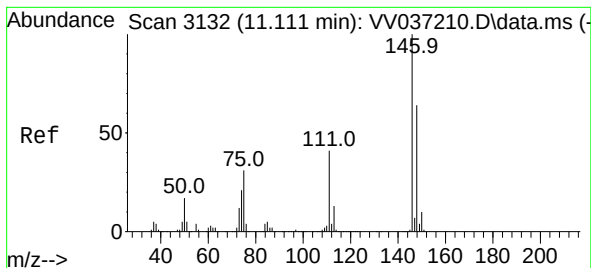
Tgt Ion:105 Resp: 828331

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 49.234 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

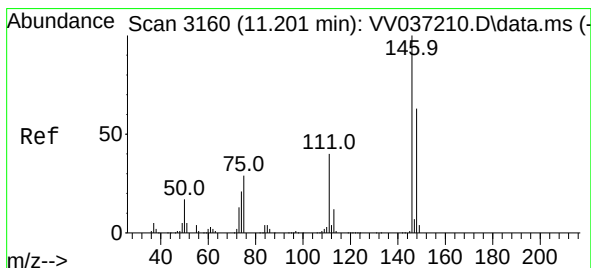
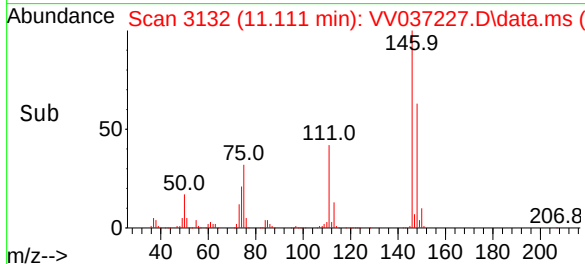
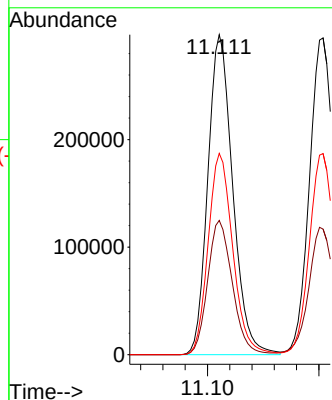
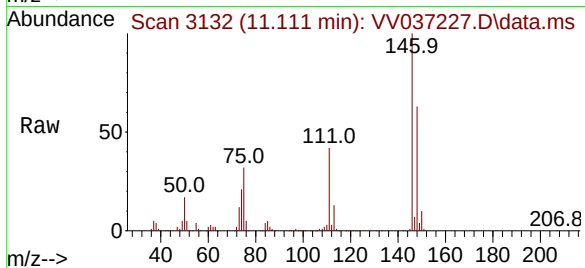
Tgt Ion:146 Resp: 460978

Ion Ratio Lower Upper

146 100

111 41.9 29.7 55.1

148 62.9 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 49.669 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

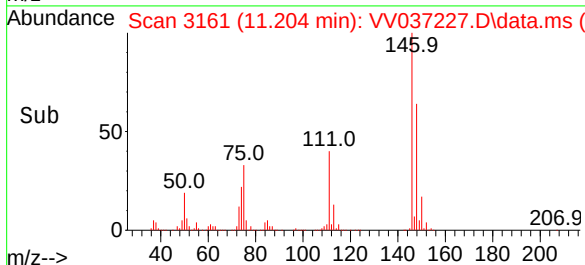
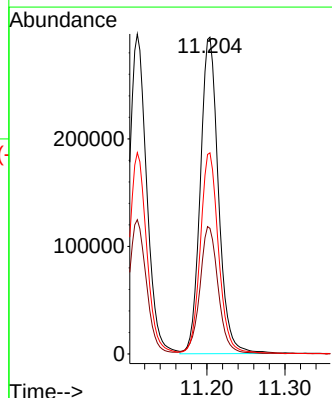
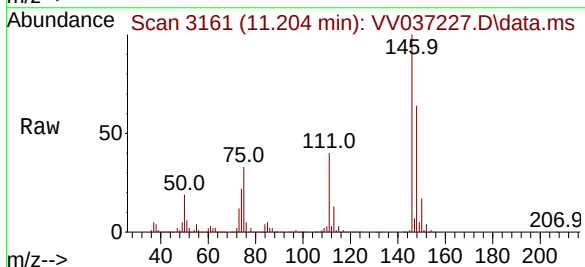
Tgt Ion:146 Resp: 475982

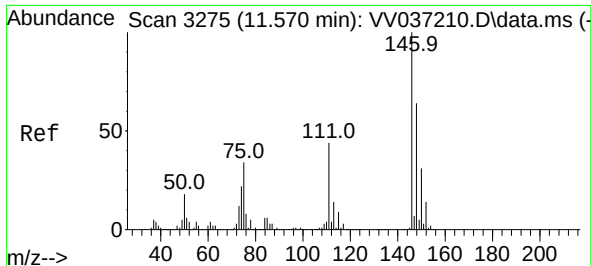
Ion Ratio Lower Upper

146 100

111 39.7 28.1 52.1

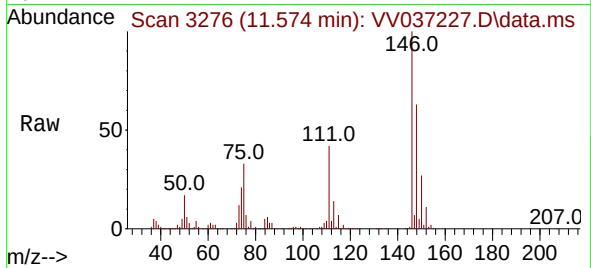
148 63.5 44.2 82.0



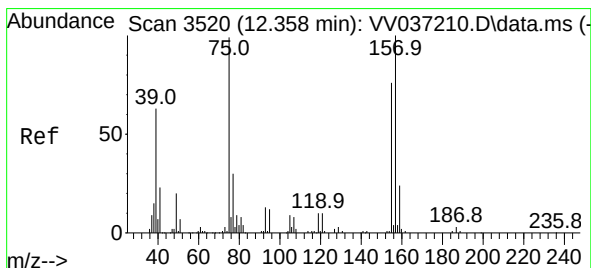
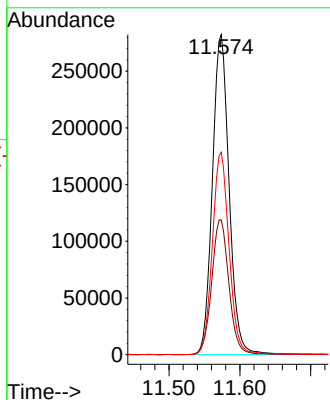
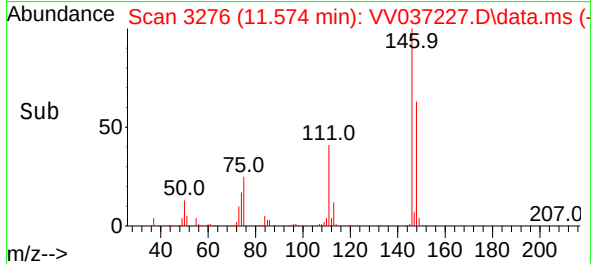


#67
1,2-Dichlorobenzene
Concen: 50.107 ug/L
RT: 11.574 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Instrument :
MSVOA_V
ClientSampleId :

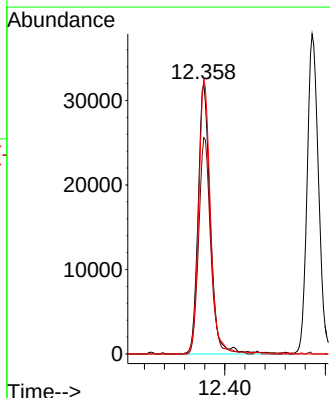
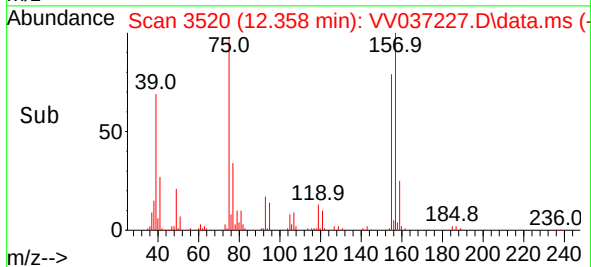
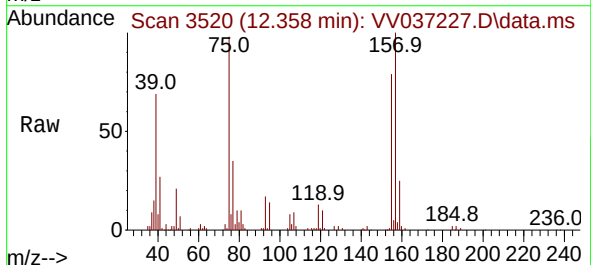


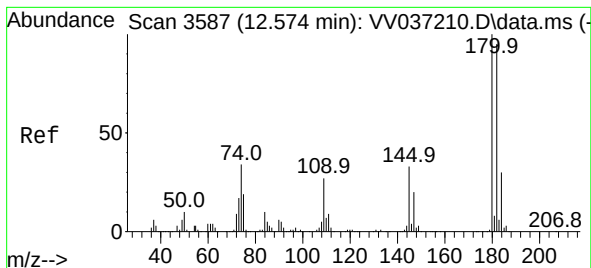
Tgt Ion:146 Resp: 461306
Ion Ratio Lower Upper
146 100
111 42.2 34.6 51.8
148 63.3 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 44.544 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV037227.D
Acq: 06 Sep 2024 15:37

Tgt Ion: 75 Resp: 54050
Ion Ratio Lower Upper
75 100
155 80.1 61.8 92.6
157 101.8 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 47.165 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

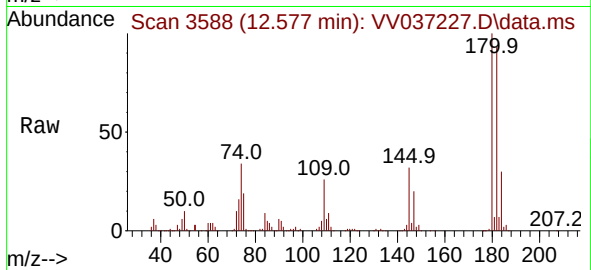
Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 307277

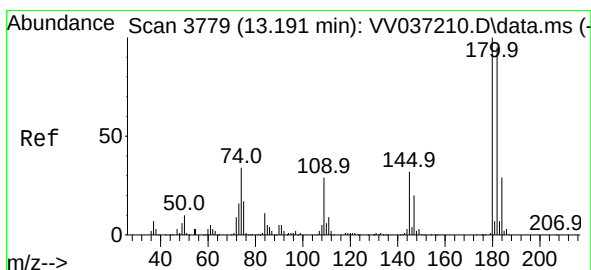
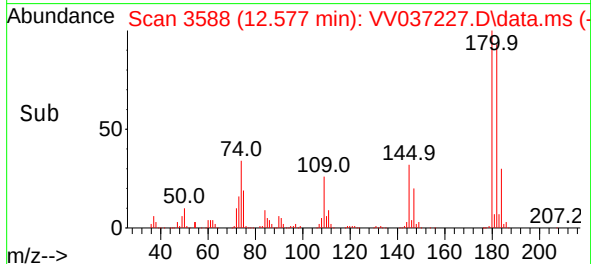
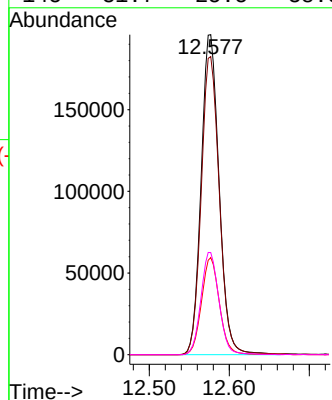
Ion Ratio Lower Upper

180 100

182 93.9 76.7 115.1

184 30.1 24.2 36.2

145 31.7 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 46.344 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

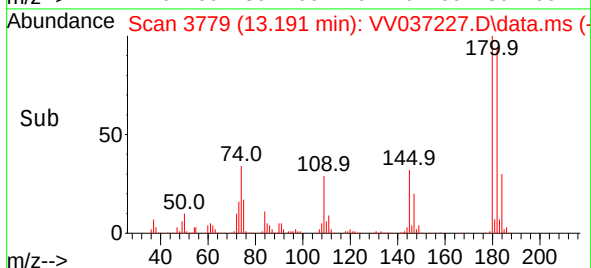
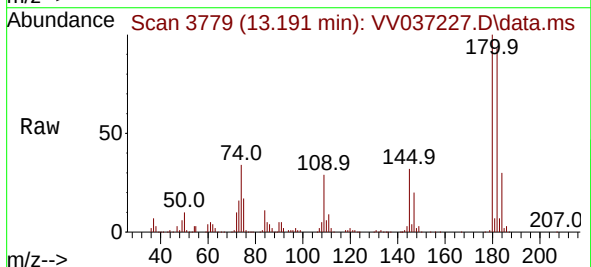
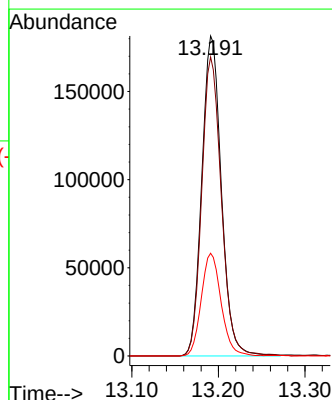
Tgt Ion:180 Resp: 284307

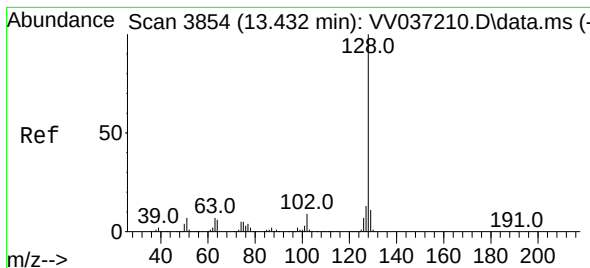
Ion Ratio Lower Upper

180 100

182 93.6 75.7 113.5

145 32.6 26.0 39.0





#71

Naphthalene

Concen: 44.988 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Instrument :

MSVOA_V

ClientSampleId :

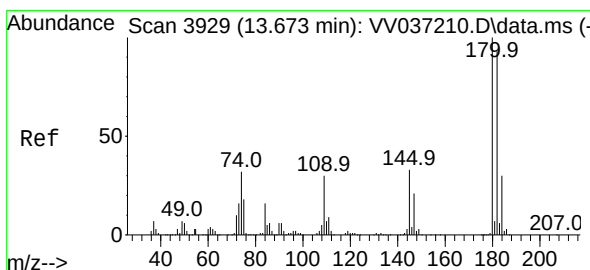
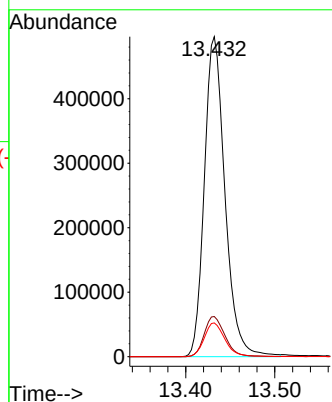
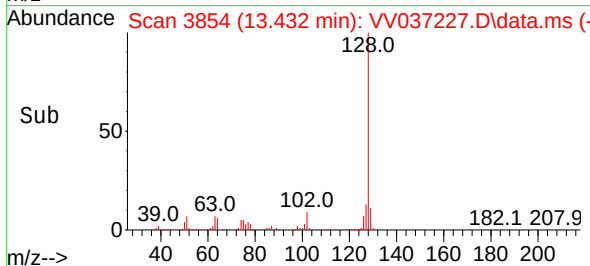
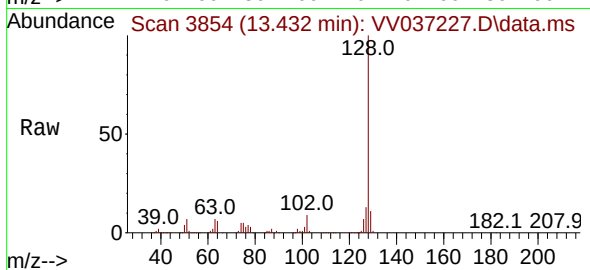
Tgt Ion:128 Resp: 796935

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.6 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 47.920 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037227.D

Acq: 06 Sep 2024 15:37

Tgt Ion:180 Resp: 289707

Ion Ratio Lower Upper

180 100

182 93.1 75.1 112.7

145 33.6 27.0 40.4

