

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
 Data File : VV037008.D
 Acq On : 22 Aug 2024 15:29
 Operator : SY/MD
 Sample : P3696-02MS
 Misc : 6.24g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 05:21:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 05:07:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	858989	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	613482	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	168330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	169489	14.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.320%
7) Chloroethane-d5	1.529	69	169903	16.502	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.056	65	87438	15.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.320%
21) 2-Butanone-d5	3.841	46	26028	11.661	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	23.320%
24) Chloroform-d	4.240	84	425220	17.566	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.280%
26) 1,2-Dichloroethane-d4	4.934	65	198611	17.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.360%
32) Benzene-d6	4.950	84	792844	21.567	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.280%
36) 1,2-Dichloropropane-d6	5.982	67	235546	21.163	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.640%
41) Toluene-d8	7.236	98	652167	19.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.840%
43) trans-1,3-Dichloroprop...	7.548	79	81953	21.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.440%
47) 2-Hexanone-d5	8.034	63	43999	44.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.380%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	112826	18.310	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.240%
66) 1,2-Dichlorobenzene-d4	11.554	152	97698	16.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.840%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	217692	16.226	ug/L	99
3) Chloromethane	1.217	50	307666	19.807	ug/L	100
5) Vinyl chloride	1.282	62	307742	20.005	ug/L	99
6) Bromomethane	1.487	94	205845	21.040	ug/L	98
8) Chloroethane	1.548	64	207410	21.346	ug/L	98
9) Trichlorofluoromethane	1.712	101	377655	18.593	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	210782	16.838	ug/L	100
12) 1,1-Dichloroethene	2.066	96	229753	19.707	ug/L	94
14) Carbon disulfide	2.236	76	734639	19.030	ug/L	100
15) Methyl Acetate	2.384	43	72996	17.098	ug/L	99
16) Methylene chloride	2.442	84	295738	17.308	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	266057	20.848	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	587372	22.217	ug/L	99
19) 1,1-Dichloroethane	3.101	63	511237	20.580	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	278410	20.339	ug/L	99
22) 2-Butanone	3.921	43	44157	16.379	ug/L	83
23) Bromochloromethane	4.140	128	107397	19.771	ug/L	93
25) Chloroform	4.269	83	492043	20.264	ug/L	99
27) 1,2-Dichloroethane	5.034	62	276094	20.792	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
 Data File : VV037008.D
 Acq On : 22 Aug 2024 15:29
 Operator : SY/MD
 Sample : P3696-02MS
 Misc : 6.24g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

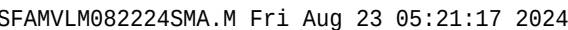
Instrument :
 MSVOA_V
 ClientSampleId :

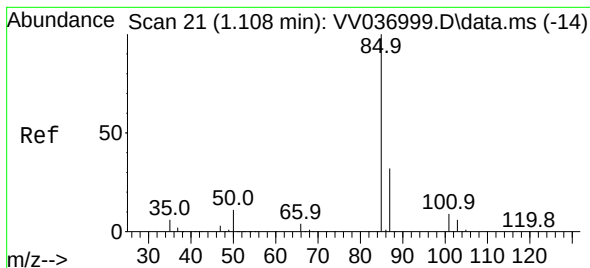
Quant Time: Aug 23 05:21:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 05:07:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.568	56	304717	19.147	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	390367	25.235	ug/L	99
31) Carbon tetrachloride	4.722	117	308275	23.612	ug/L	100
33) Benzene	4.998	78	1004424	25.115	ug/L	100
34) Trichloroethene	5.825	95	254821	22.571	ug/L	98
35) Methylcyclohexane	6.040	83	236627	13.555	ug/L	99
37) 1,2-Dichloropropane	6.085	63	237159	24.547	ug/L	100
38) Bromodichloromethane	6.426	83	295004	24.583	ug/L	97
39) cis-1,3-Dichloropropene	6.947	75	359144	25.458	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	195213	47.863	ug/L	98
42) Toluene	7.307	91	980974	23.413	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	263855	24.581	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	147619	23.283	ug/L	99
46) Tetrachloroethene	7.899	164	145376	18.212	ug/L	94
48) 2-Hexanone	8.082	43	114825	37.577	ug/L	98
49) Dibromochloromethane	8.172	129	155662	22.316	ug/L	99
50) 1,2-Dibromoethane	8.278	107	133563	23.343	ug/L	99
51) Chlorobenzene	8.809	112	509627	19.047	ug/L	99
52) Ethylbenzene	8.940	91	907561	19.210	ug/L	99
53) m,p-Xylene	9.066	106	330813	18.847	ug/L	96
54) o-Xylene	9.471	106	299584	17.867	ug/L	100
55) Styrene	9.490	104	477102	17.240	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	122769	20.916	ug/L	95
59) Bromoform	9.661	173	67613	35.466	ug/L	97
60) Isopropylbenzene	9.860	105	716120	26.981	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	103150	38.000	ug/L	97
62) 1,3,5-Trimethylbenzene	10.471	105	485396	22.338	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	470030	22.192	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	221349	19.514	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	218596	19.294	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	178391	18.152	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	17708	33.382	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	72718	9.199	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	54268	8.579	ug/L #	81
71) Naphthalene	13.435	128	165214	17.337	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.677	180	38689	7.387	ug/L #	83

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

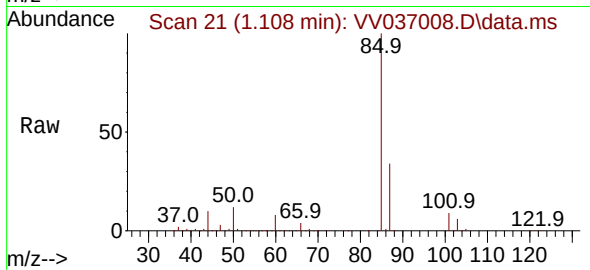
Quant Time: Aug 23 05:21:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 05:07:38 2024
Response via : Initial Calibration



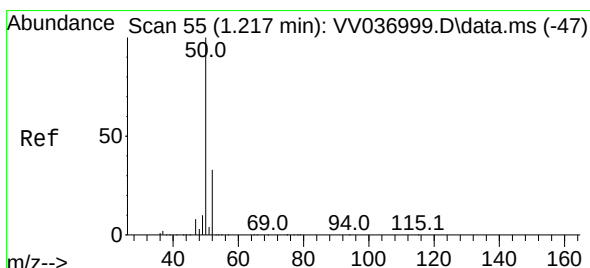
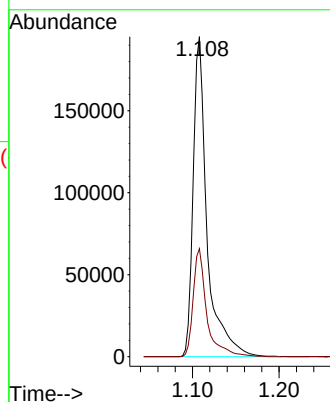
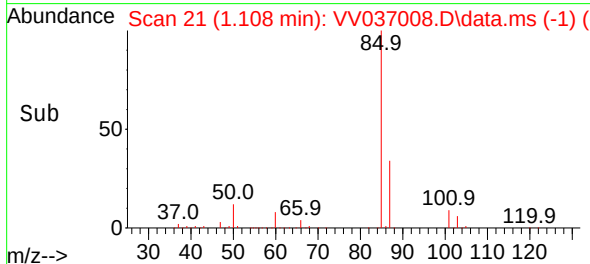


#2
Dichlorodifluoromethane
Concen: 16.226 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Instrument :
MSVOA_V
ClientSampleId :

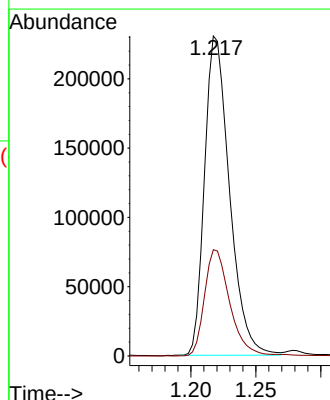
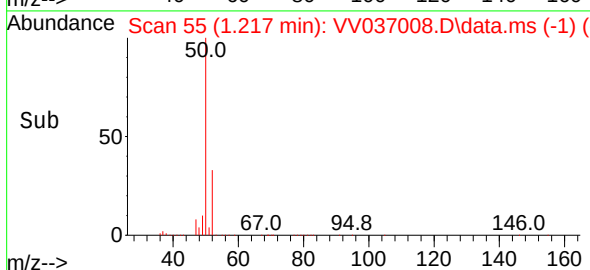
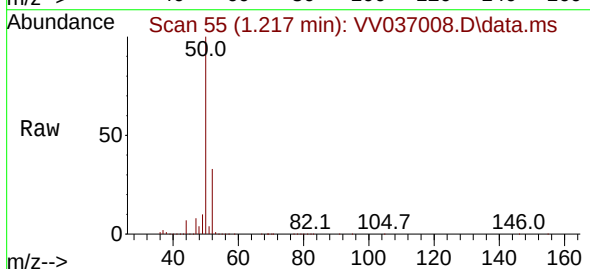


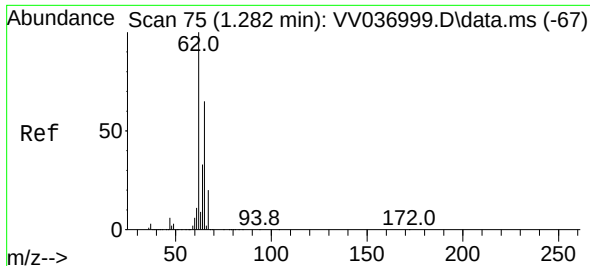
Tgt Ion: 85 Resp: 217692
Ion Ratio Lower Upper
85 100
87 33.2 26.1 39.1



#3
Chloromethane
Concen: 19.807 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Tgt Ion: 50 Resp: 307666
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

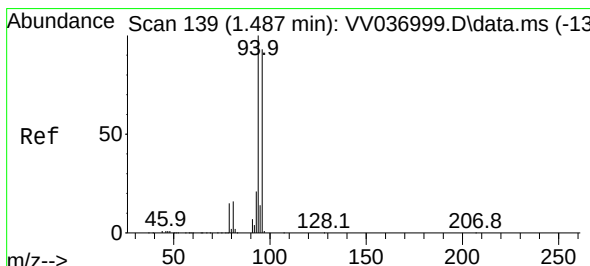
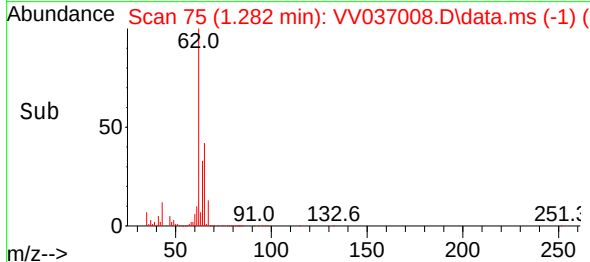
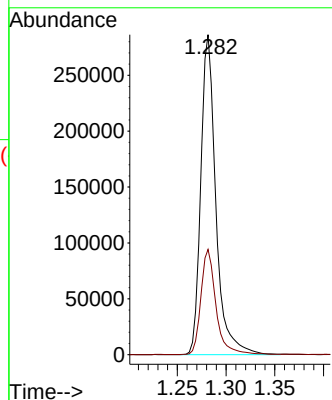
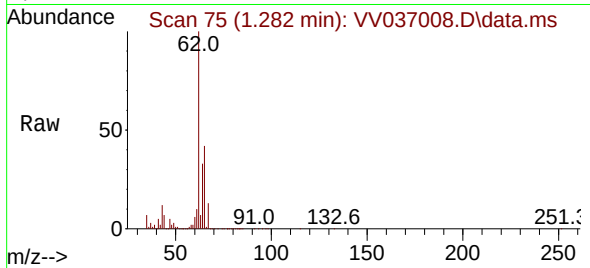




#5
 Vinyl chloride
 Concen: 20.005 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037008.D
 Acq: 22 Aug 2024 15:29

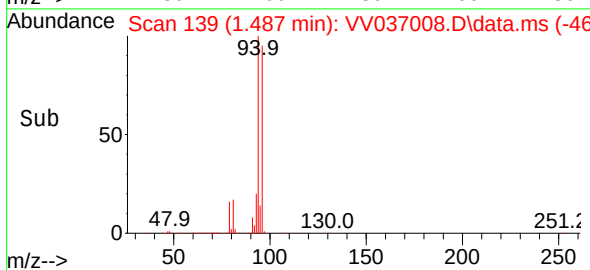
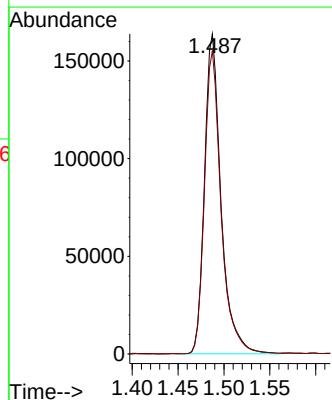
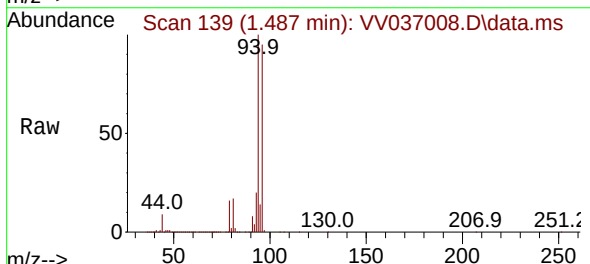
Instrument :
 MSVOA_V
 ClientSampleId :

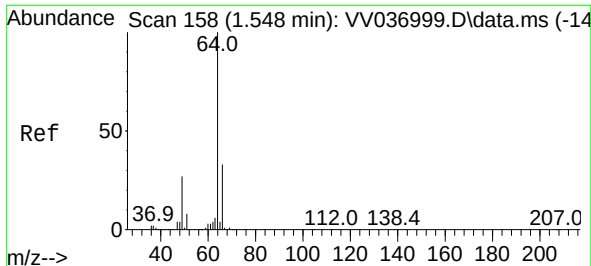
Tgt Ion: 62 Resp: 307742
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.8 42.4



#6
 Bromomethane
 Concen: 21.040 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037008.D
 Acq: 22 Aug 2024 15:29

Tgt Ion: 94 Resp: 205845
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.0 120.6

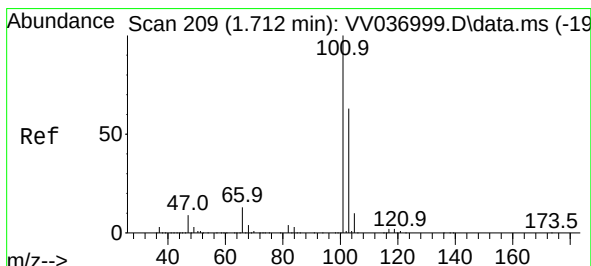
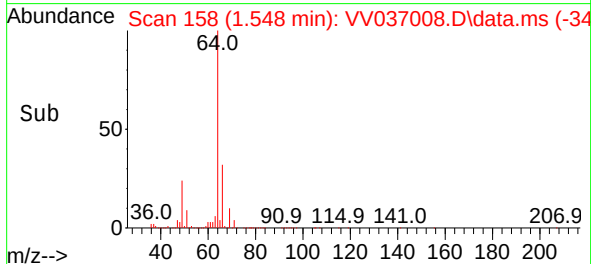
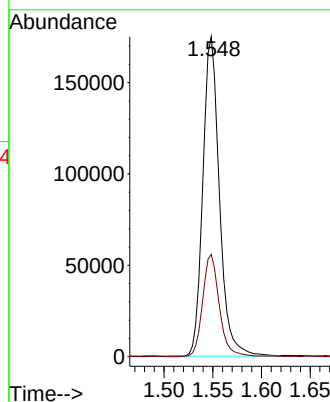
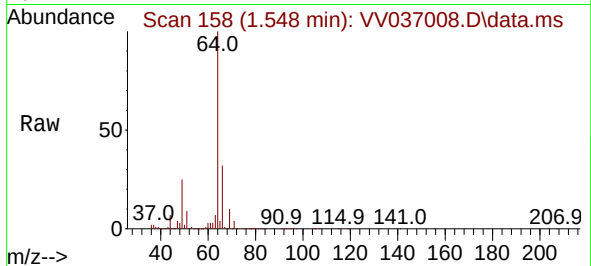




#8
Chloroethane
Concen: 21.346 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

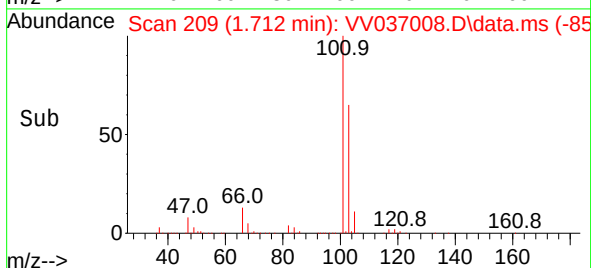
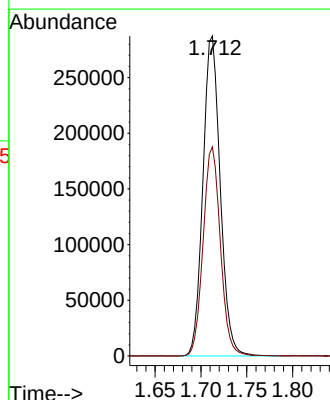
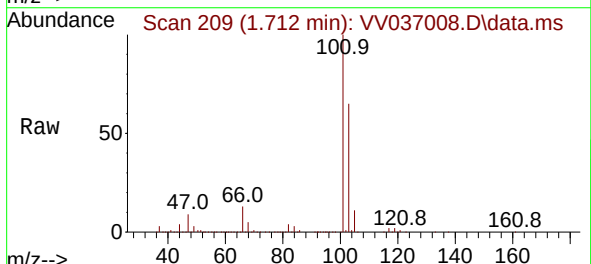
Instrument :
MSVOA_V
ClientSampleId :

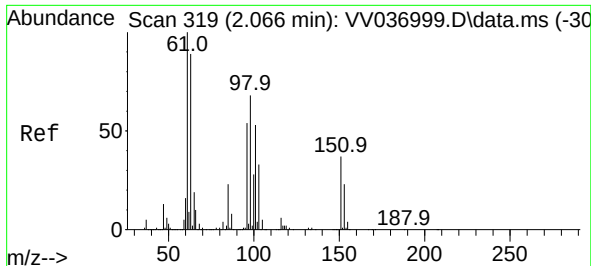
Tgt Ion: 64 Resp: 207410
Ion Ratio Lower Upper
64 100
66 31.9 23.2 43.0



#9
Trichlorofluoromethane
Concen: 18.593 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Tgt Ion:101 Resp: 377655
Ion Ratio Lower Upper
101 100
103 65.0 51.0 76.6

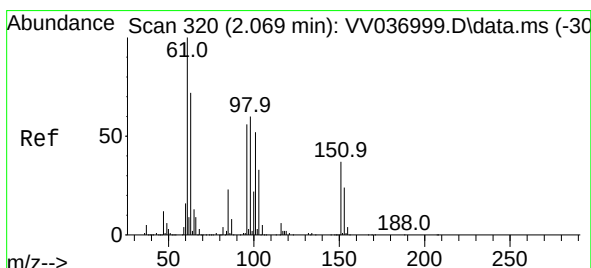
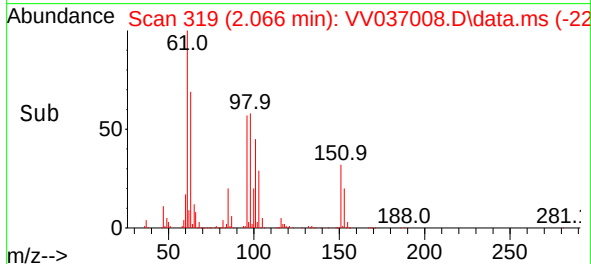
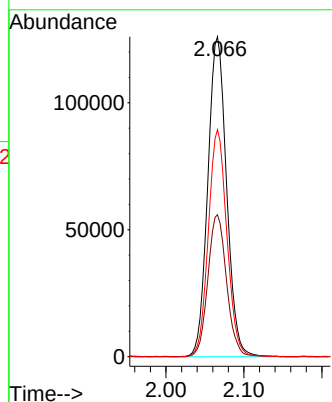
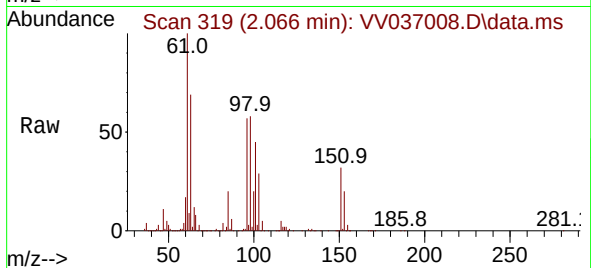




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 16.838 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

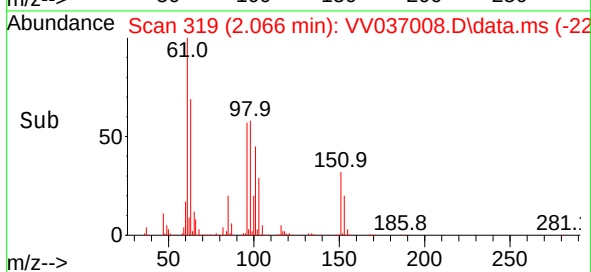
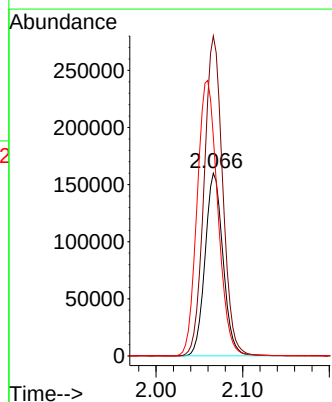
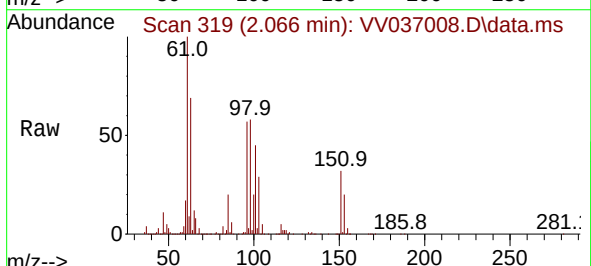
Instrument :
MSVOA_V
ClientSampleId :

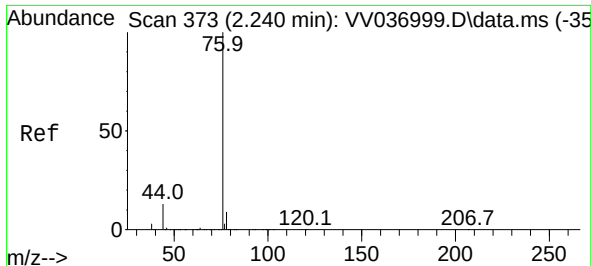
Tgt Ion:101 Resp: 210782
Ion Ratio Lower Upper
101 100
85 44.2 35.6 53.4
151 70.2 56.3 84.5



#12
1,1-Dichloroethene
Concen: 19.707 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

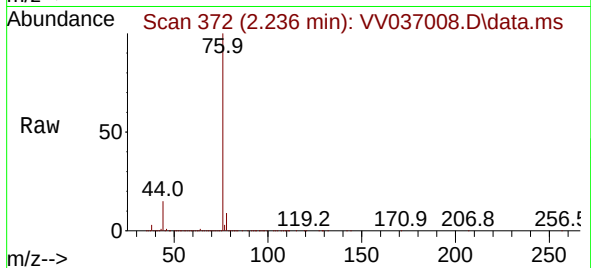
Tgt Ion: 96 Resp: 229753
Ion Ratio Lower Upper
96 100
61 175.2 126.0 234.0
63 120.1 91.0 169.0



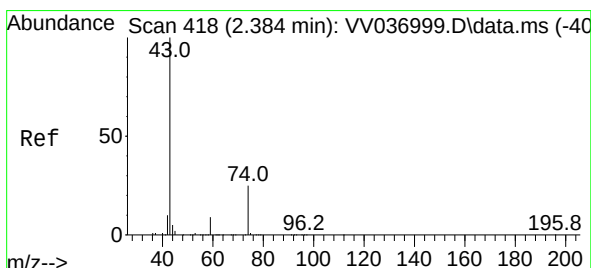
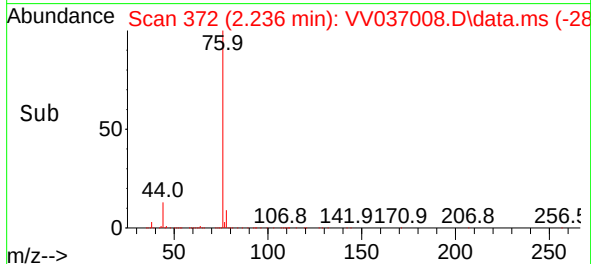
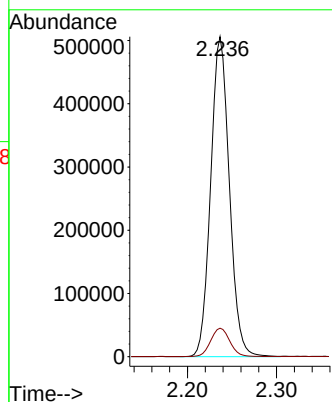


#14
Carbon disulfide
Concen: 19.030 ug/L
RT: 2.236 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Instrument :
MSVOA_V
ClientSampleId :

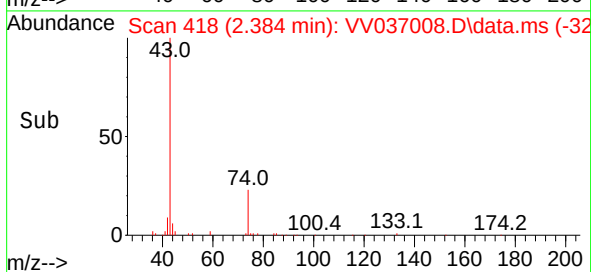
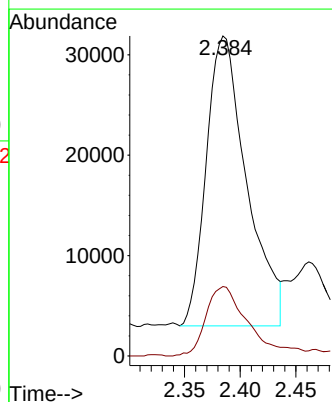
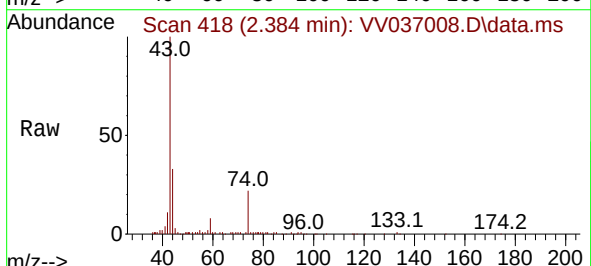


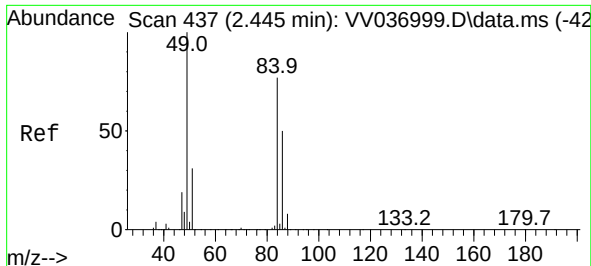
Tgt Ion: 76 Resp: 734639
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#15
Methyl Acetate
Concen: 17.098 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Tgt Ion: 43 Resp: 72996
Ion Ratio Lower Upper
43 100
74 24.0 19.6 29.4

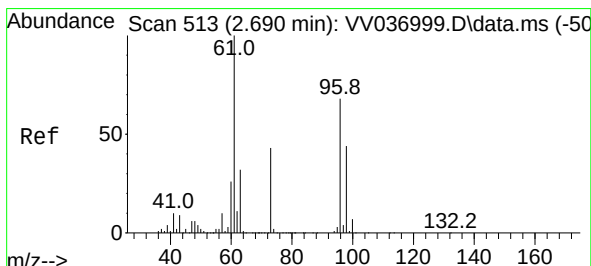
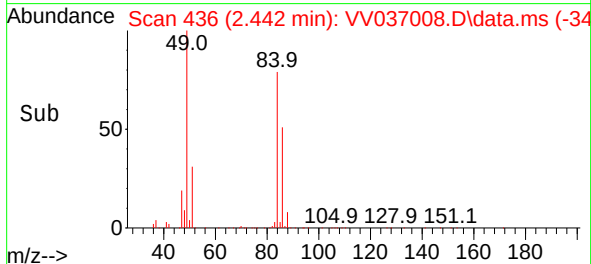
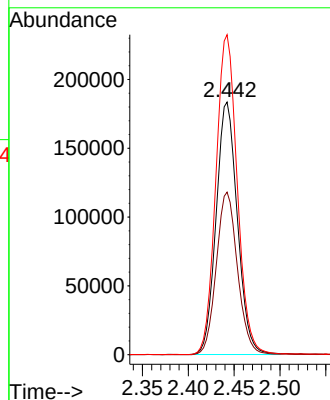
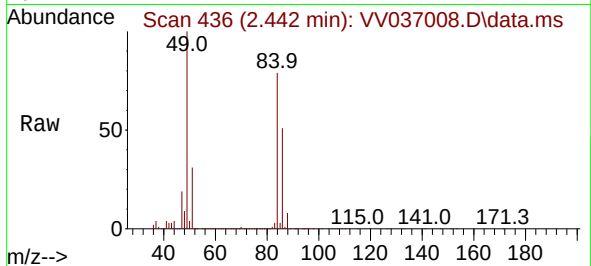




#16
Methylene chloride
Concen: 17.308 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

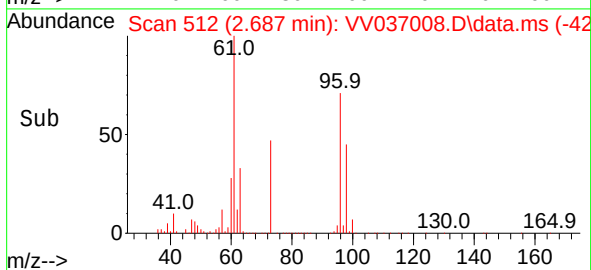
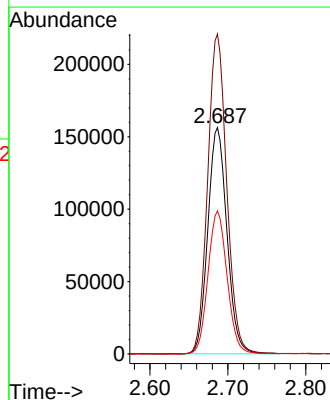
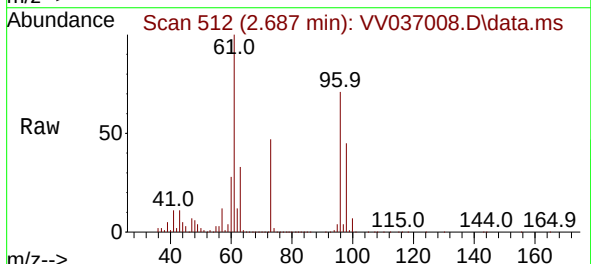
Instrument :
MSVOA_V
ClientSampleId :

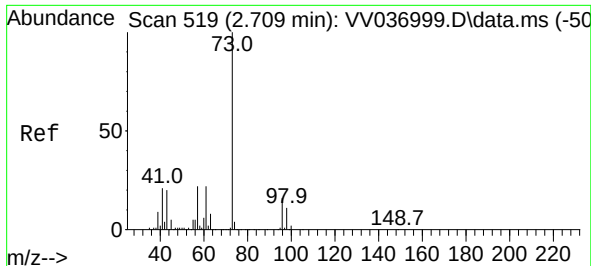
Tgt Ion: 84 Resp: 295738
Ion Ratio Lower Upper
84 100
86 64.3 45.4 84.2
49 126.6 91.2 169.4



#17
trans-1,2-Dichloroethene
Concen: 20.848 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Tgt Ion: 96 Resp: 266057
Ion Ratio Lower Upper
96 100
61 141.3 103.3 191.9
98 63.2 45.0 83.6





#18

Methyl tert-butyl Ether

Concen: 22.217 ug/L

RT: 2.706 min Scan# 519

Delta R.T. -0.003 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

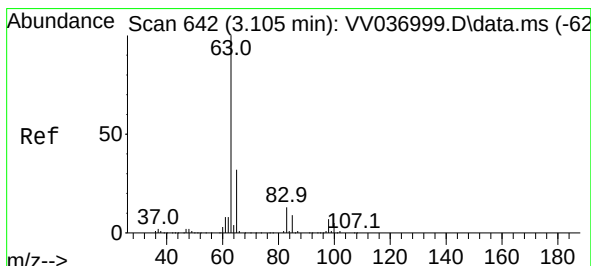
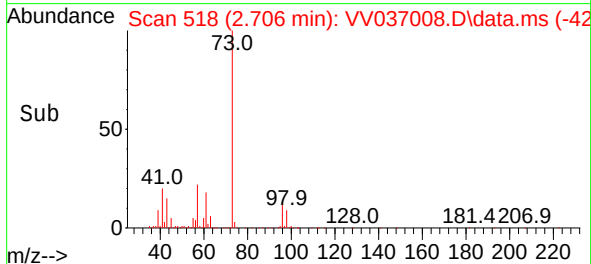
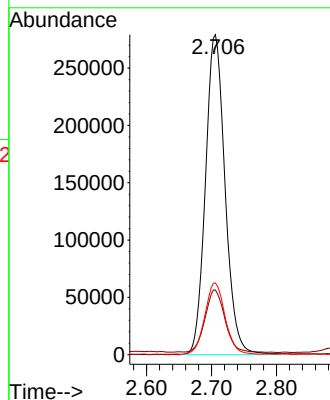
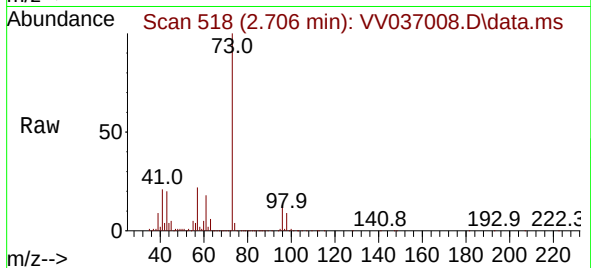
Tgt Ion: 73 Resp: 587372

Ion Ratio Lower Upper

73 100

43 19.4 15.9 23.9

57 22.8 17.6 26.4



#19

1,1-Dichloroethane

Concen: 20.580 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.003 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

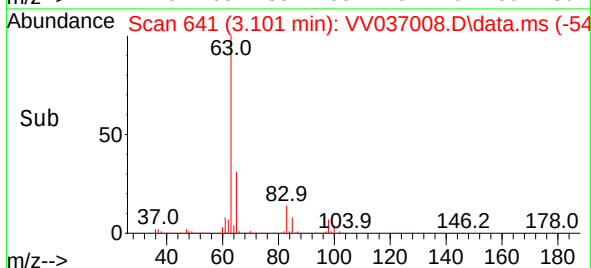
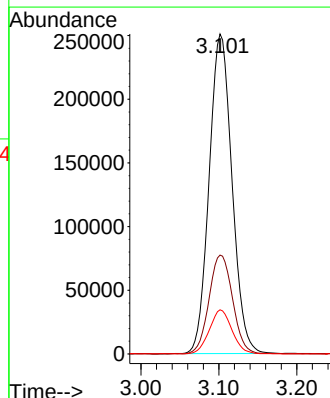
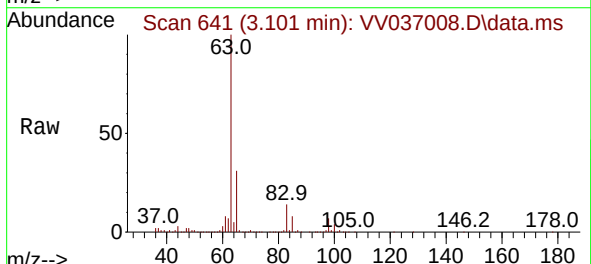
Tgt Ion: 63 Resp: 511237

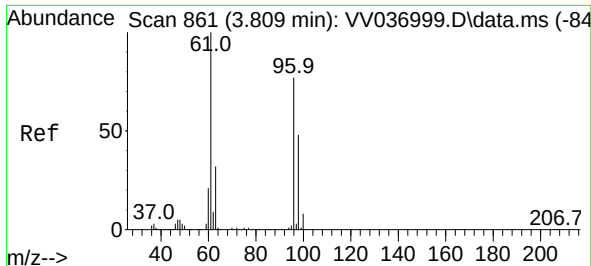
Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.3

83 13.8 9.0 16.6





#20

cis-1,2-Dichloroethene

Concen: 20.339 ug/L

RT: 3.806 min Scan# 861

Delta R.T. -0.003 min

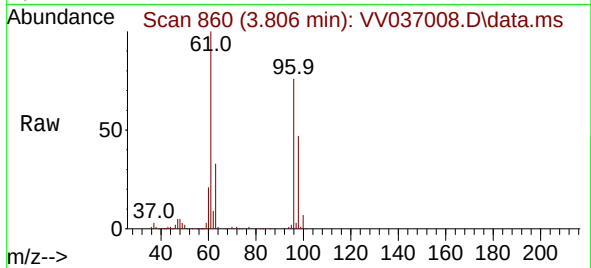
Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :



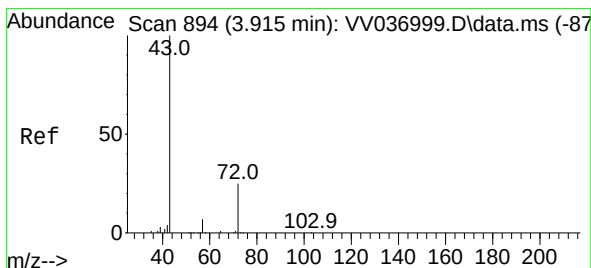
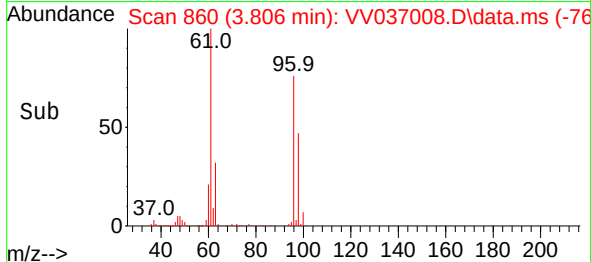
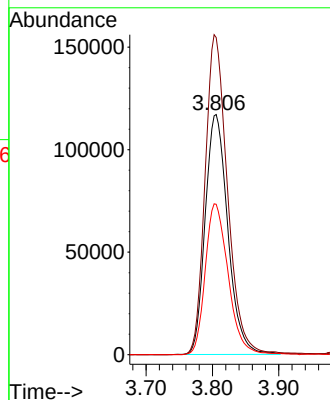
Tgt Ion: 96 Resp: 278410

Ion Ratio Lower Upper

96 100

61 132.0 91.0 169.0

98 62.6 43.8 81.3



#22

2-Butanone

Concen: 16.379 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.006 min

Lab File: VV037008.D

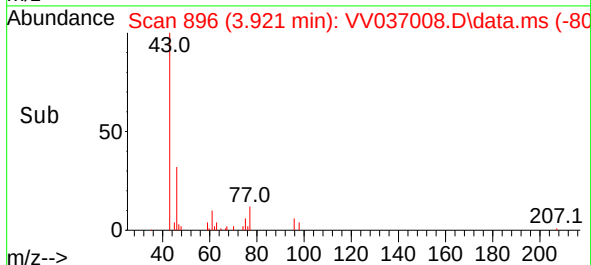
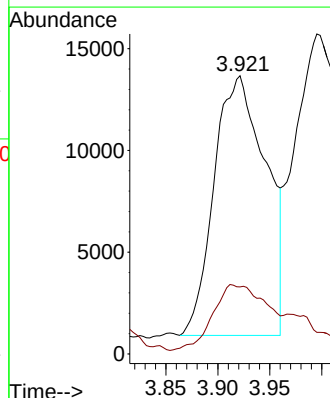
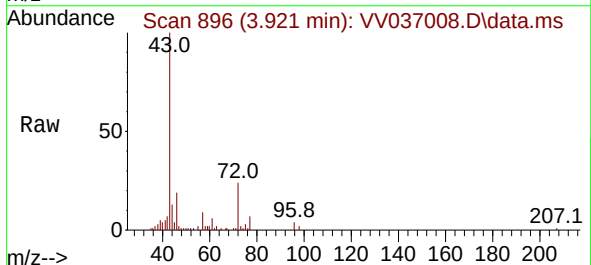
Acq: 22 Aug 2024 15:29

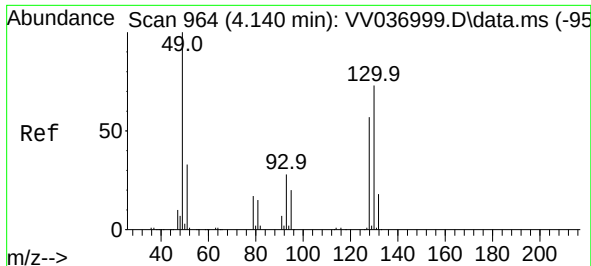
Tgt Ion: 43 Resp: 44157

Ion Ratio Lower Upper

43 100

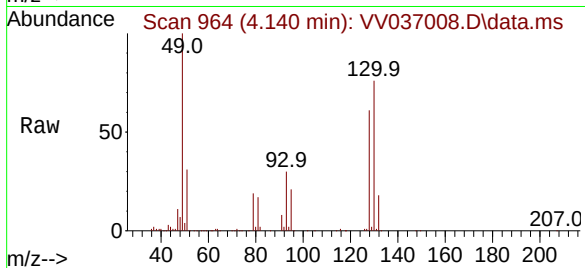
72 13.5 10.7 32.1



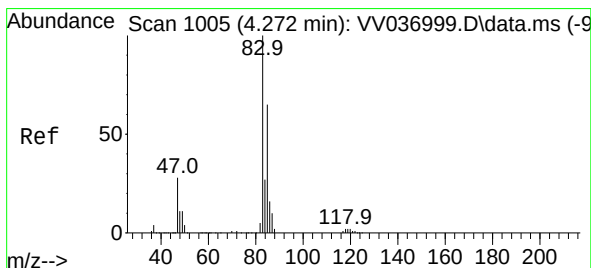
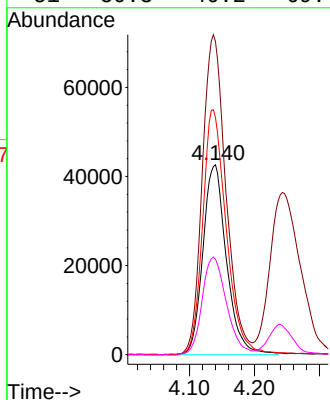
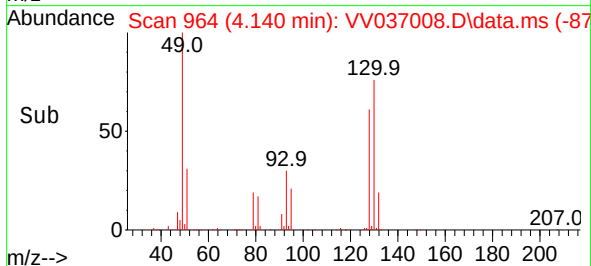


#23
Bromochloromethane
Concen: 19.771 ug/L
RT: 4.140 min Scan# 90
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Instrument :
MSVOA_V
ClientSampleId :

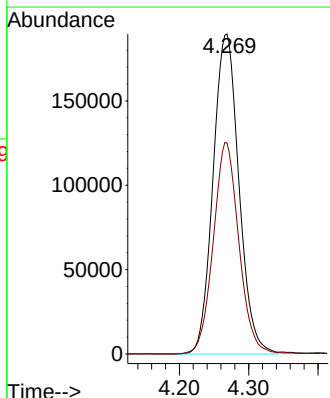
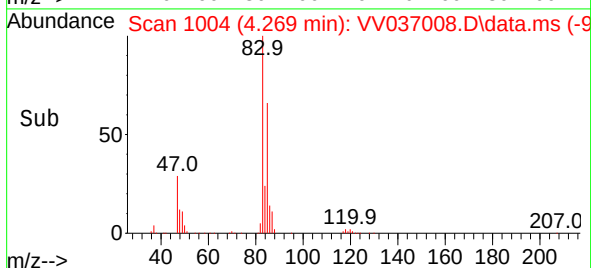
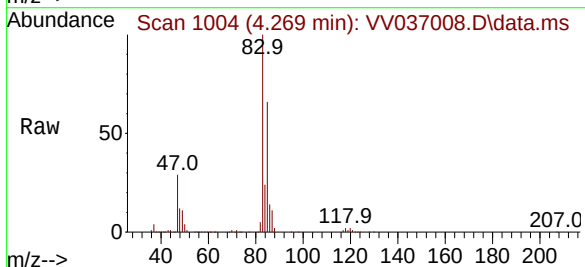


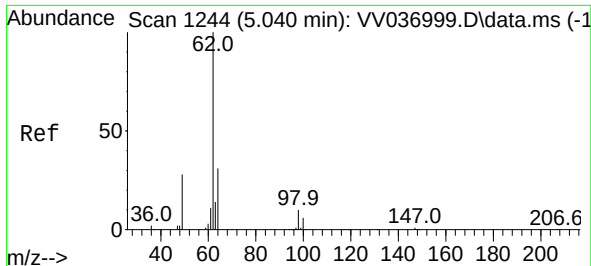
Tgt Ion:128 Resp: 107397
Ion Ratio Lower Upper
128 100
49 164.9 123.3 229.1
130 124.8 89.7 166.5
51 50.3 46.2 69.4



#25
Chloroform
Concen: 20.264 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Tgt Ion: 83 Resp: 492043
Ion Ratio Lower Upper
83 100
85 65.9 45.5 84.5

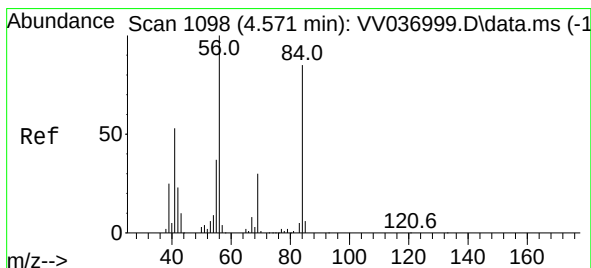
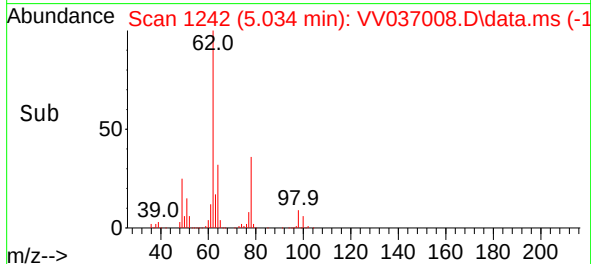
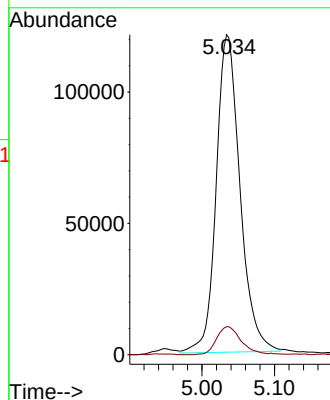
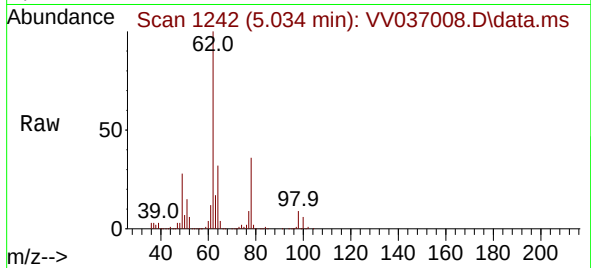




#27
1,2-Dichloroethane
Concen: 20.792 ug/L
RT: 5.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

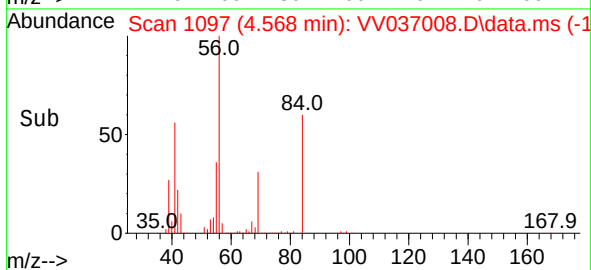
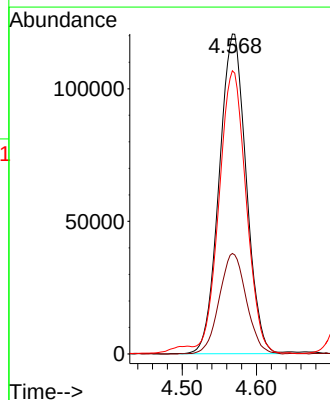
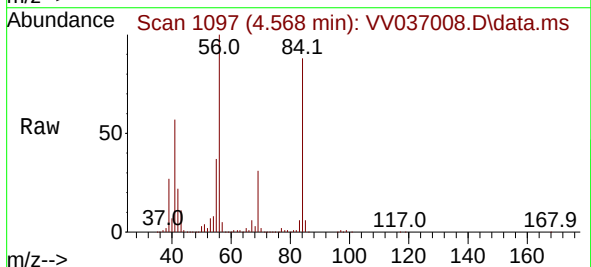
Instrument :
MSVOA_V
ClientSampleId :

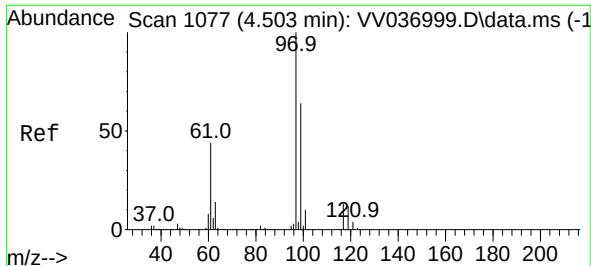
Tgt Ion: 62 Resp: 276094
Ion Ratio Lower Upper
62 100
98 8.8 7.5 11.3



#29
Cyclohexane
Concen: 19.147 ug/L
RT: 4.568 min Scan# 1097
Delta R.T. -0.003 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Tgt Ion: 56 Resp: 304717
Ion Ratio Lower Upper
56 100
69 31.5 24.7 37.1
84 88.5 70.0 105.0





#30

1,1,1-Trichloroethane

Concen: 25.235 ug/L

RT: 4.500 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

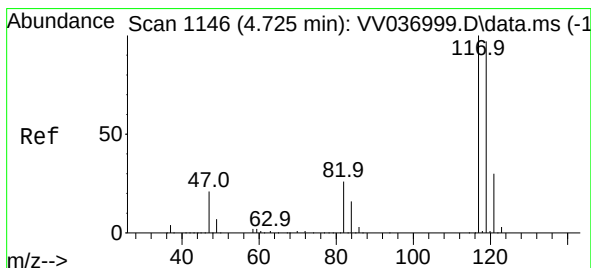
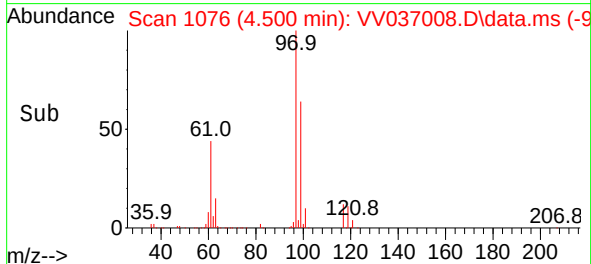
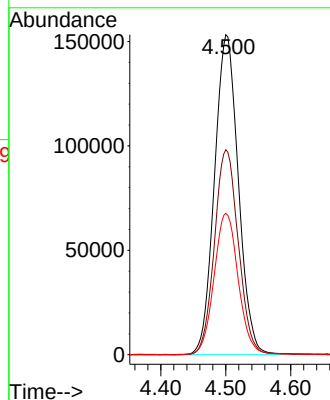
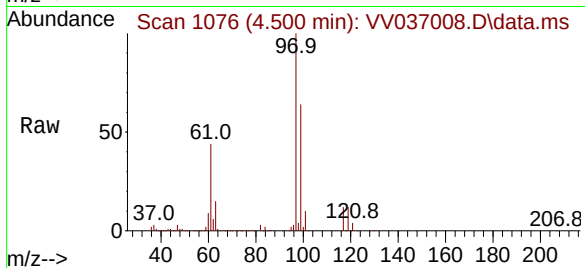
Tgt Ion: 97 Resp: 390367

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 44.5 35.0 52.6



#31

Carbon tetrachloride

Concen: 23.612 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.003 min

Lab File: VV037008.D

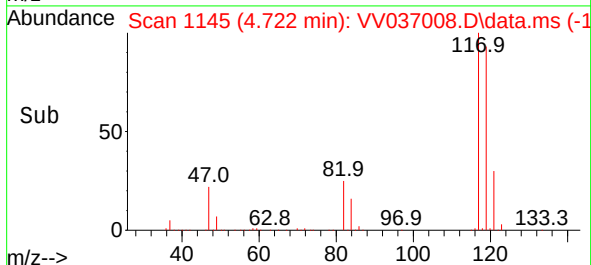
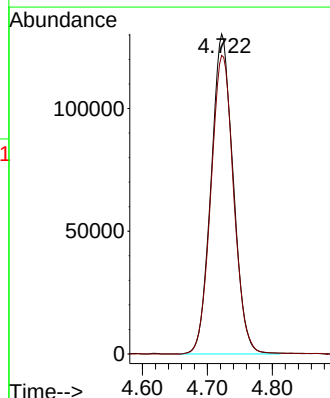
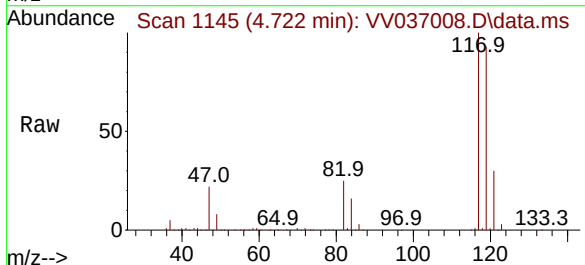
Acq: 22 Aug 2024 15:29

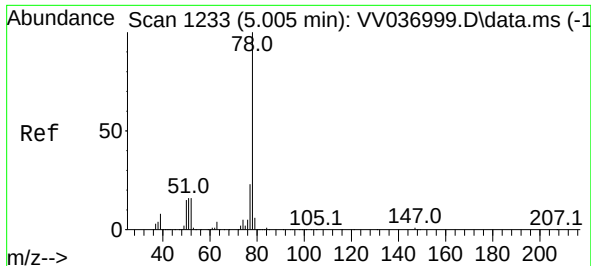
Tgt Ion: 117 Resp: 308275

Ion Ratio Lower Upper

117 100

119 96.1 76.6 115.0





#33

Benzene

Concen: 25.115 ug/L

RT: 4.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV037008.D

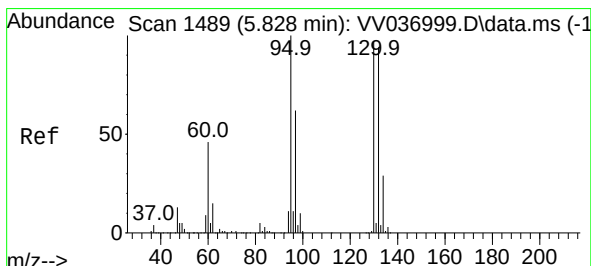
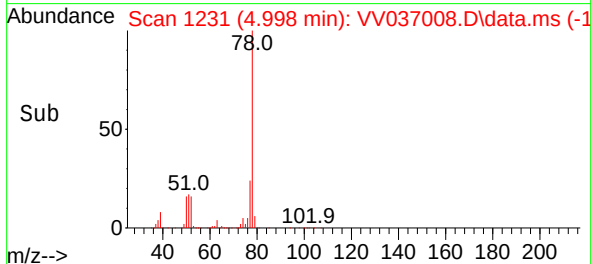
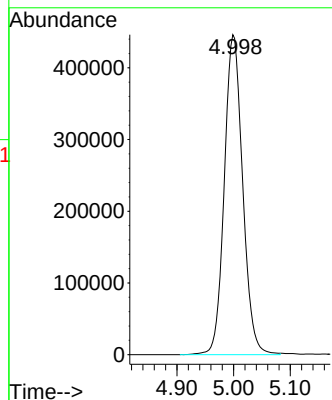
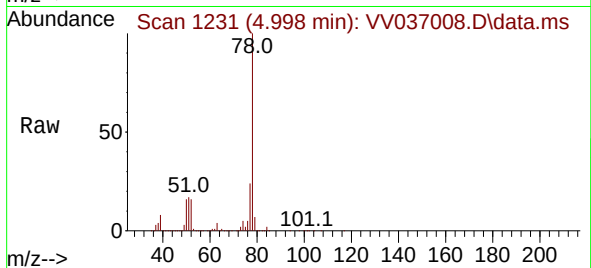
Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 1004424



#34

Trichloroethene

Concen: 22.571 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Tgt Ion: 95 Resp: 254821

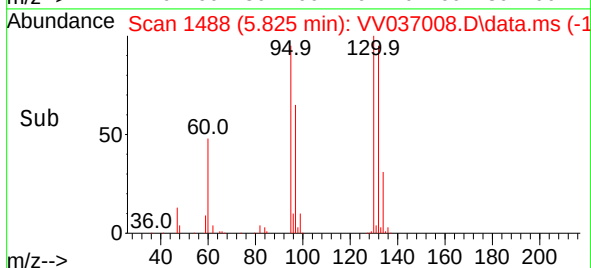
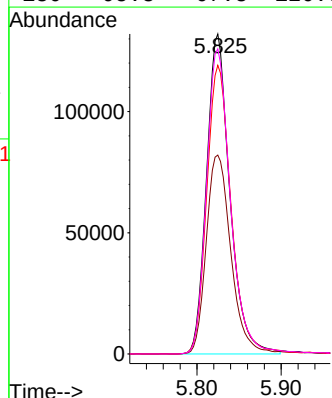
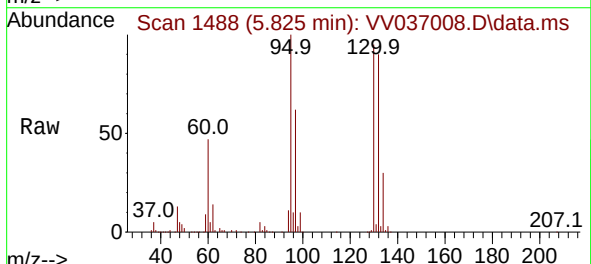
Ion Ratio Lower Upper

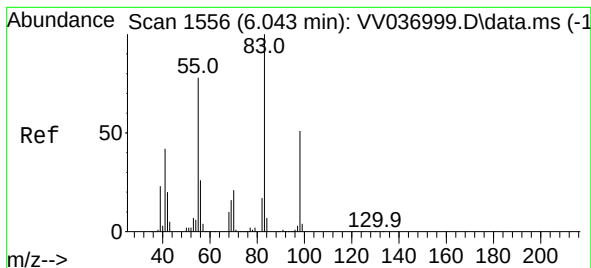
95 100

97 62.2 43.5 80.9

132 90.2 66.1 122.7

130 95.3 67.8 126.0





#35

Methylcyclohexane

Concen: 13.555 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

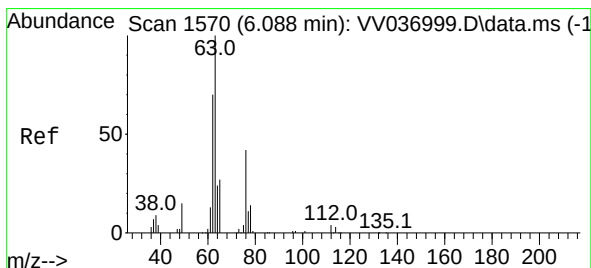
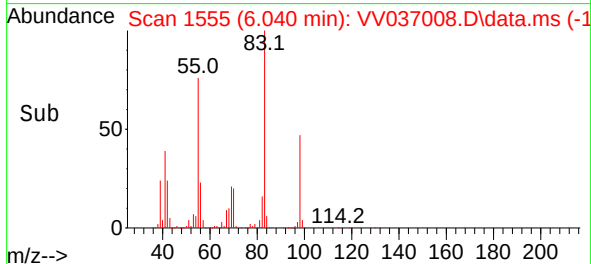
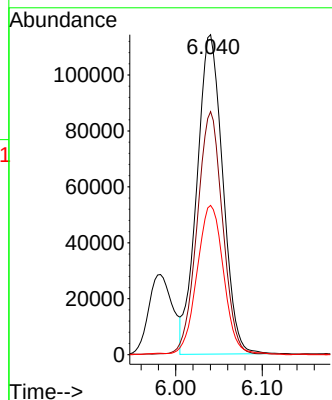
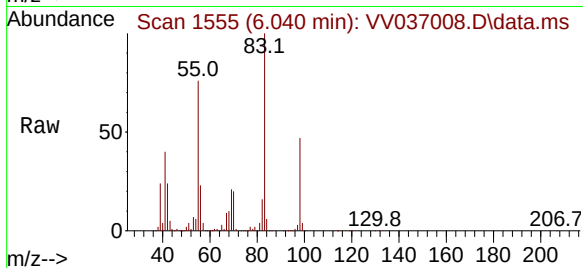
Tgt Ion: 83 Resp: 236627

Ion Ratio Lower Upper

83 100

55 74.8 60.9 91.3

98 48.4 39.0 58.6



#37

1,2-Dichloropropane

Concen: 24.547 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV037008.D

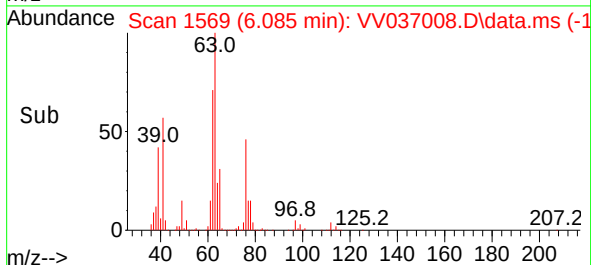
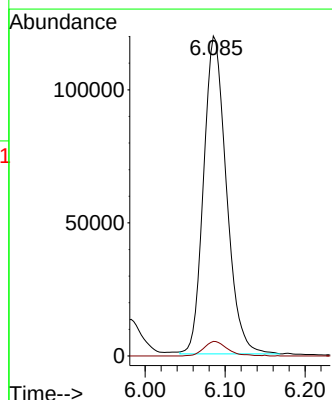
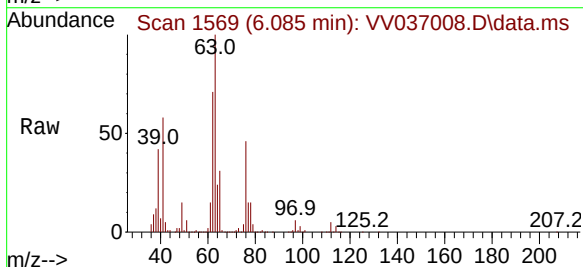
Acq: 22 Aug 2024 15:29

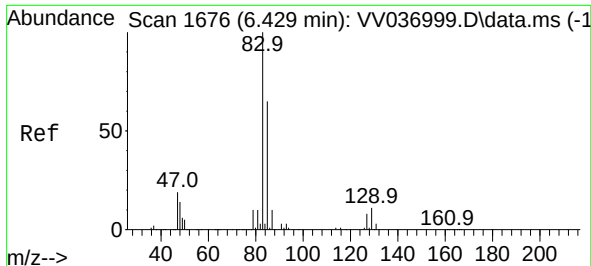
Tgt Ion: 63 Resp: 237159

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5





#38

Bromodichloromethane

Concen: 24.583 ug/L

RT: 6.426 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

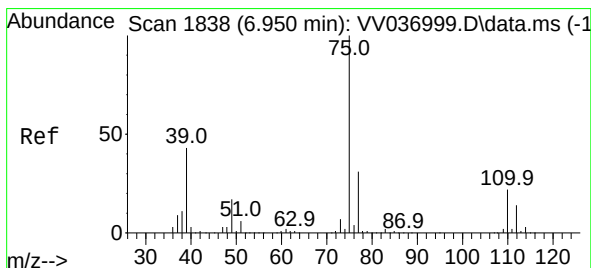
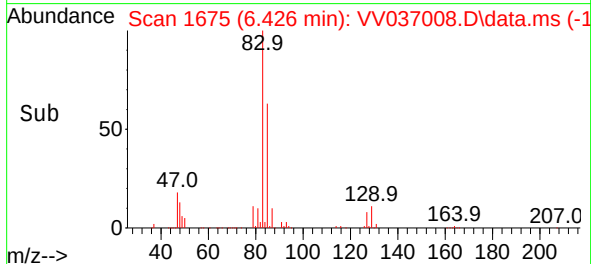
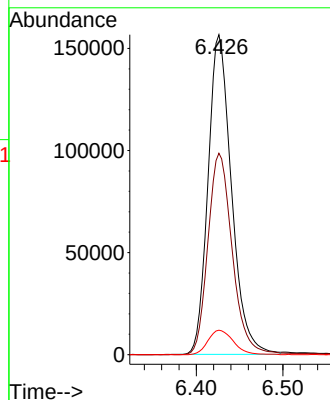
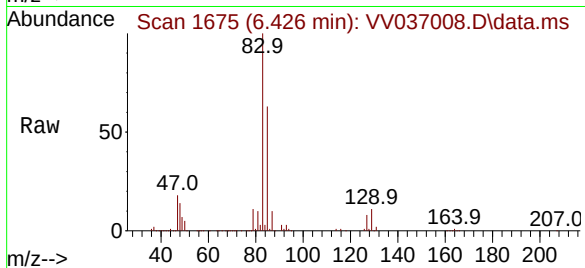
Tgt Ion: 83 Resp: 295004

Ion Ratio Lower Upper

83 100

85 63.0 45.6 84.6

127 7.7 6.5 9.7



#39

cis-1,3-Dichloropropene

Concen: 25.458 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV037008.D

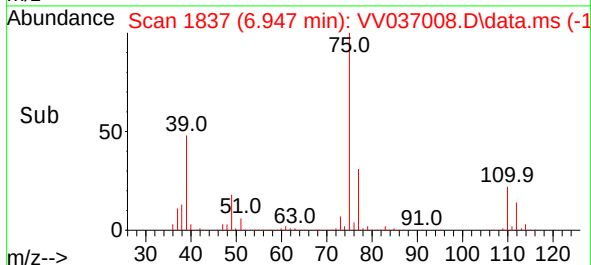
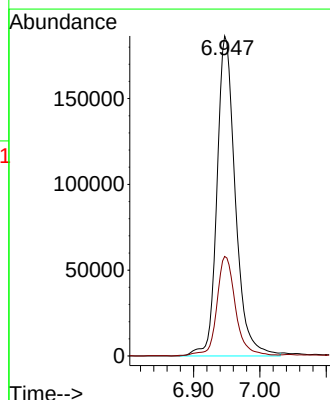
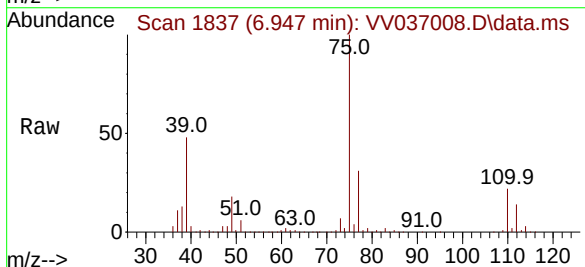
Acq: 22 Aug 2024 15:29

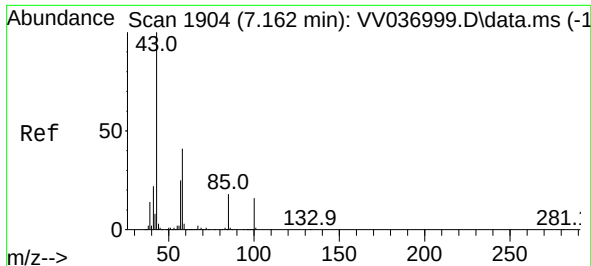
Tgt Ion: 75 Resp: 359144

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.4

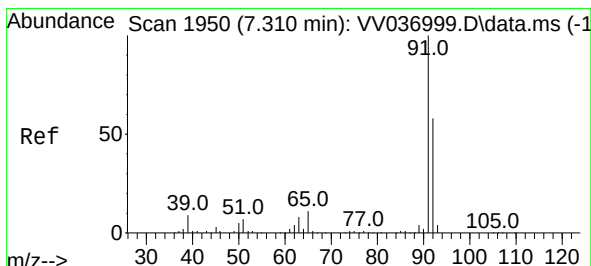
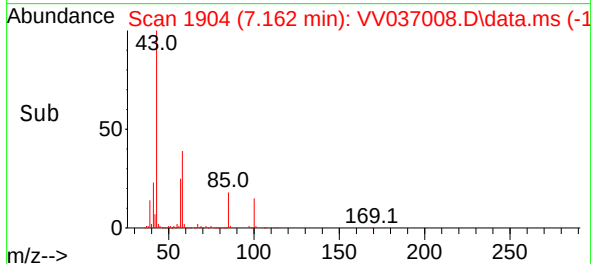
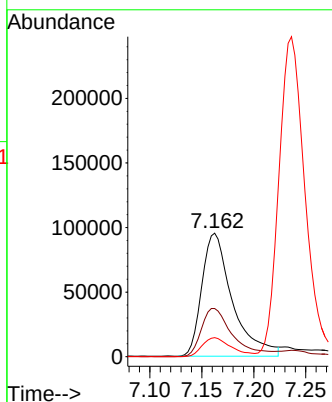
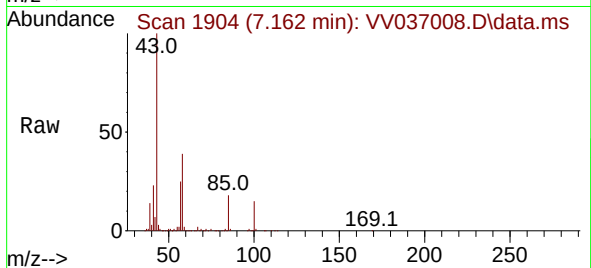




#40
4-Methyl-2-pentanone
Concen: 47.863 ug/L
RT: 7.162 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

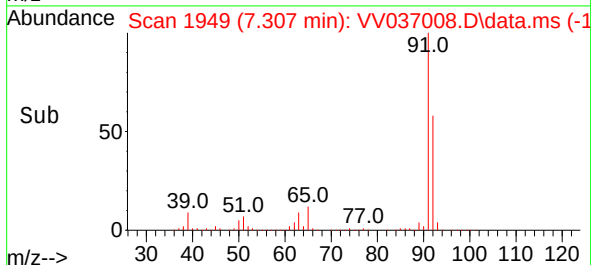
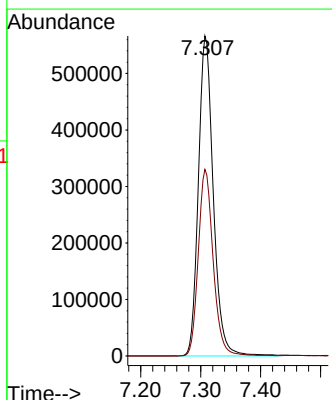
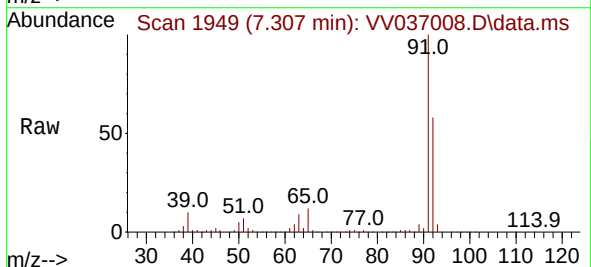
Instrument :
MSVOA_V
ClientSampleId :

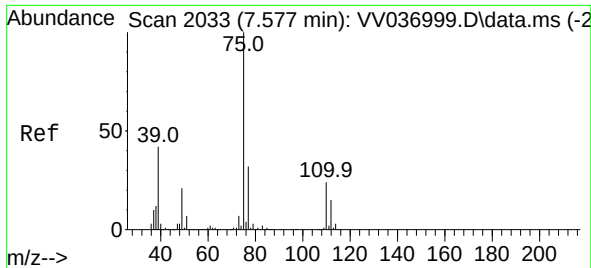
Tgt Ion: 43 Resp: 195213
Ion Ratio Lower Upper
43 100
58 40.5 31.1 46.7
100 14.8 12.1 18.1



#42
Toluene
Concen: 23.413 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Tgt Ion: 91 Resp: 980974
Ion Ratio Lower Upper
91 100
92 58.3 40.4 75.0

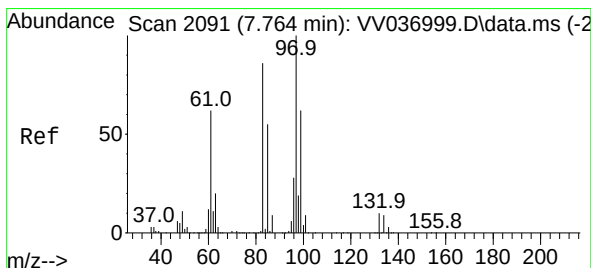
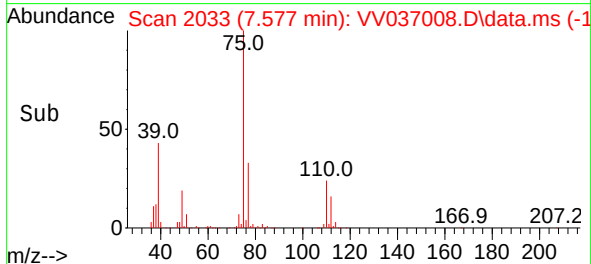
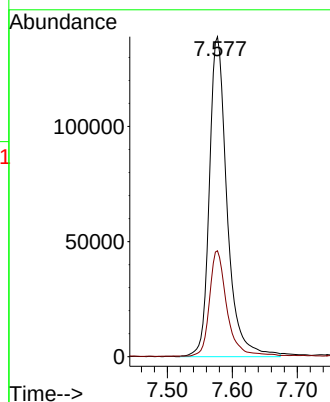
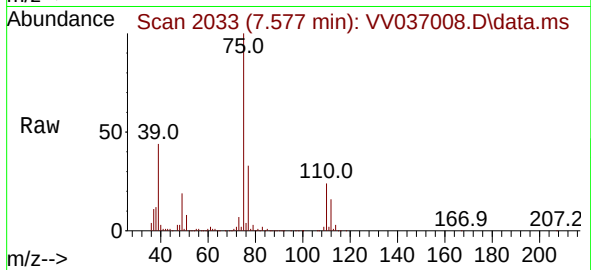




#44
trans-1,3-Dichloropropene
Concen: 24.581 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

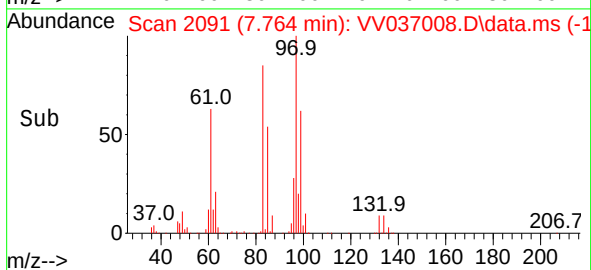
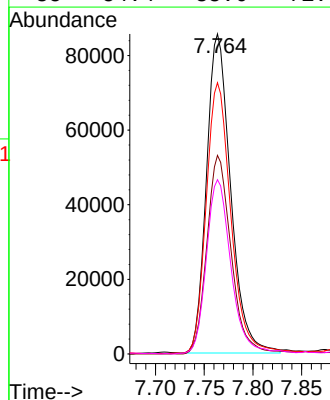
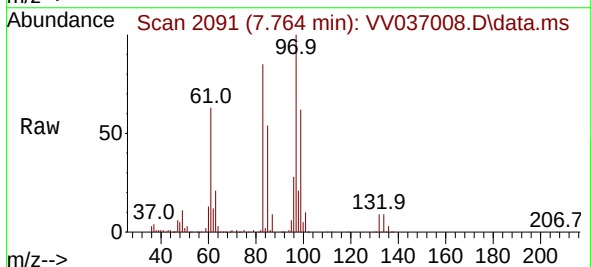
Instrument :
MSVOA_V
ClientSampleId :

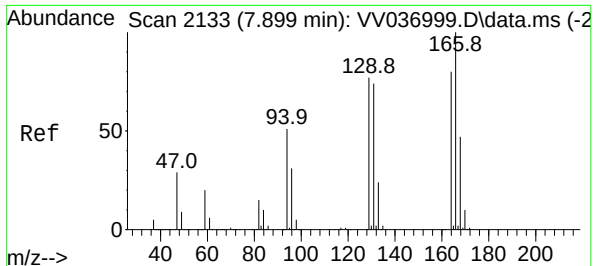
Tgt Ion: 75 Resp: 263855
Ion Ratio Lower Upper
75 100
77 33.1 22.3 41.5



#45
1,1,2-Trichloroethane
Concen: 23.283 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Tgt Ion: 97 Resp: 147619
Ion Ratio Lower Upper
97 100
99 62.0 43.5 80.9
83 84.8 60.3 111.9
85 54.4 38.6 71.6





#46

Tetrachloroethene

Concen: 18.212 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

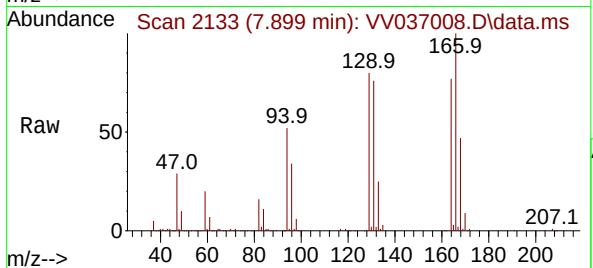
Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 145376

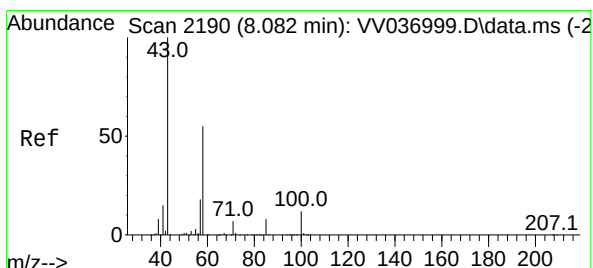
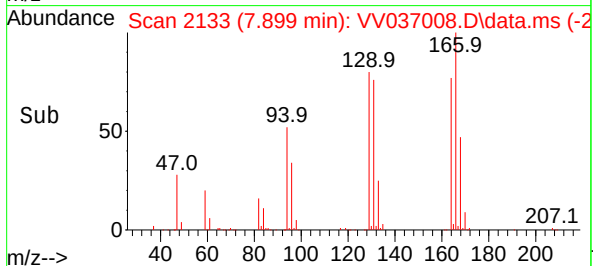
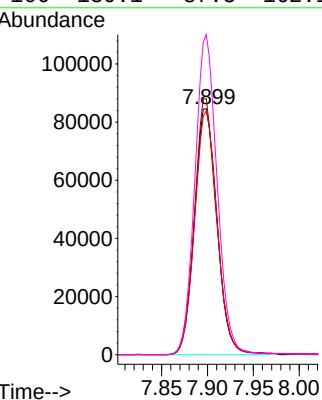
Ion Ratio Lower Upper

164 100

129 104.0 67.3 124.9

131 99.1 64.8 120.3

166 130.1 87.3 162.1



#48

2-Hexanone

Concen: 37.577 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Tgt Ion: 43 Resp: 114825

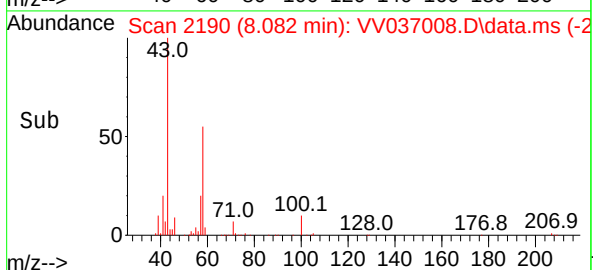
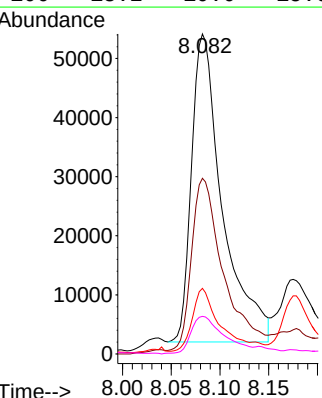
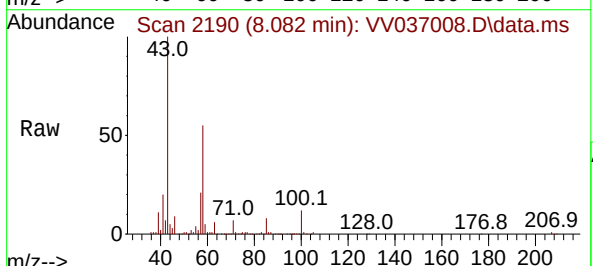
Ion Ratio Lower Upper

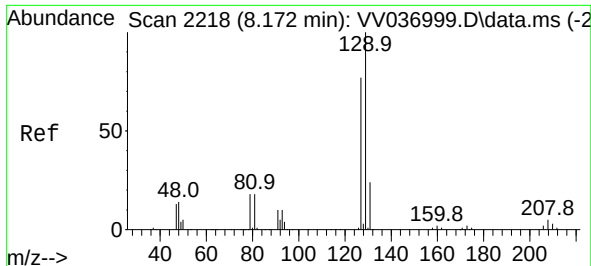
43 100

58 58.0 47.9 71.9

57 17.7 15.1 22.7

100 13.2 10.0 15.0





#49

Dibromochloromethane

Concen: 22.316 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

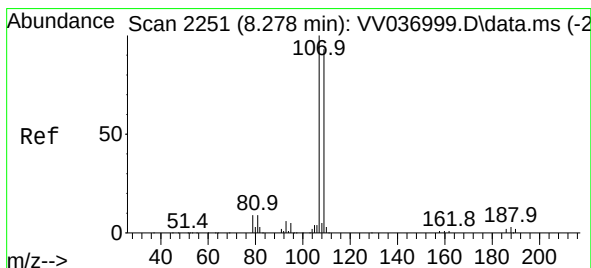
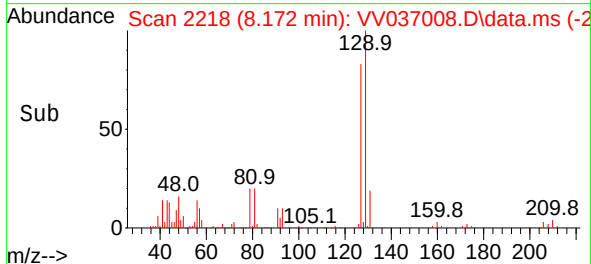
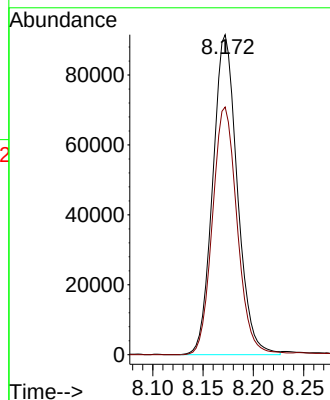
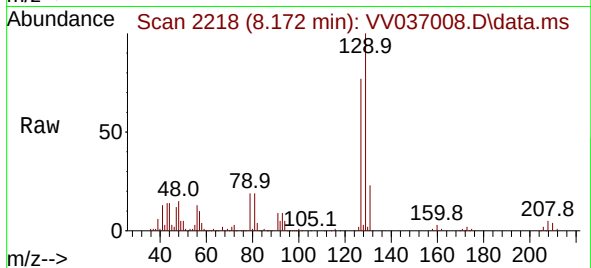
ClientSampleId :

Tgt Ion:129 Resp: 155662

Ion Ratio Lower Upper

129 100

127 77.4 53.5 99.5



#50

1,2-Dibromoethane

Concen: 23.343 ug/L

RT: 8.278 min Scan# 2251

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

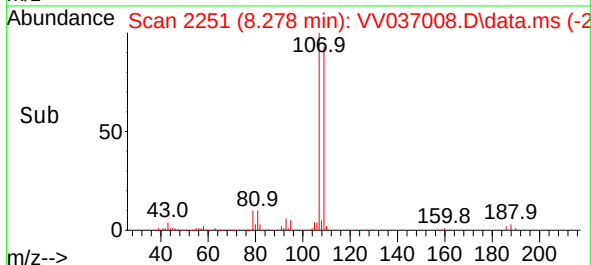
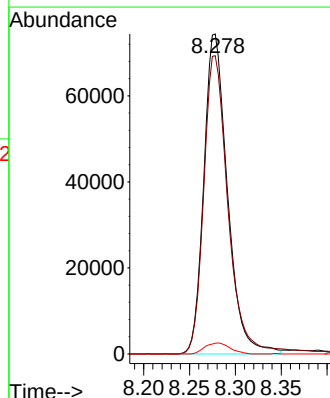
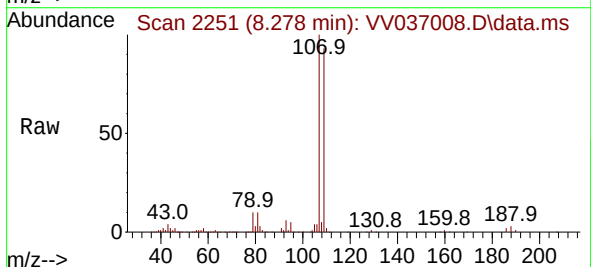
Tgt Ion:107 Resp: 133563

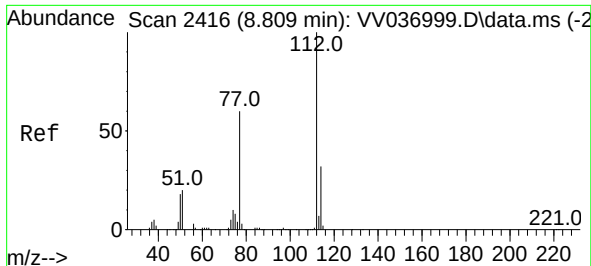
Ion Ratio Lower Upper

107 100

109 93.2 64.9 120.5

188 3.3 2.4 3.6





#51

Chlorobenzene

Concen: 19.047 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

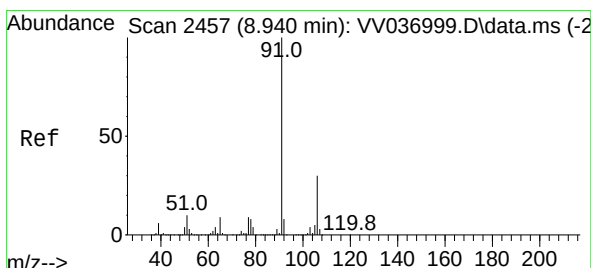
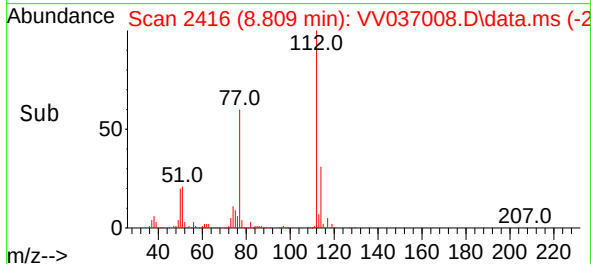
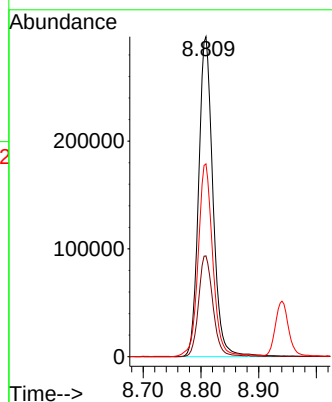
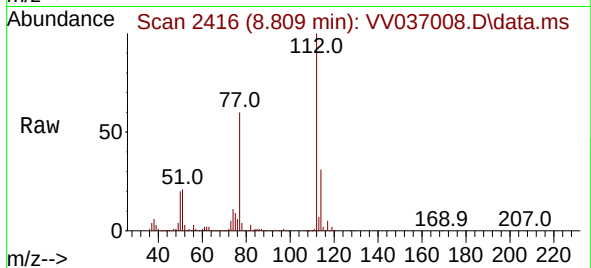
Tgt Ion:112 Resp: 509627

Ion Ratio Lower Upper

112 100

114 31.5 22.7 42.3

77 60.3 48.2 72.2



#52

Ethylbenzene

Concen: 19.210 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037008.D

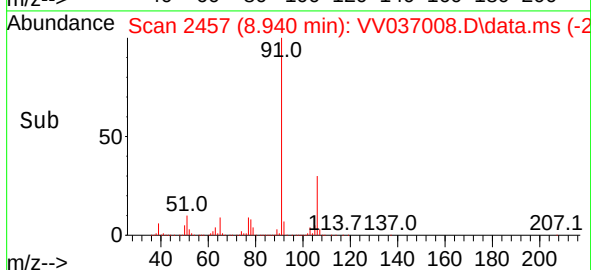
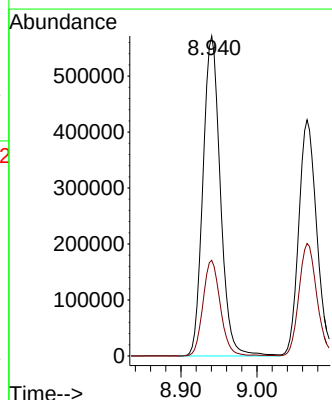
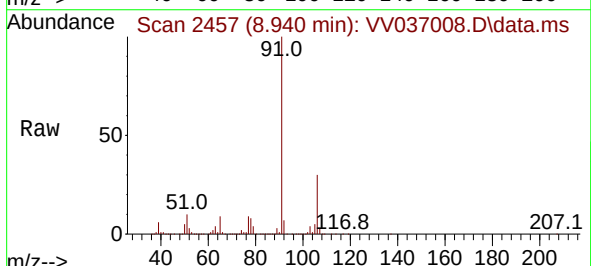
Acq: 22 Aug 2024 15:29

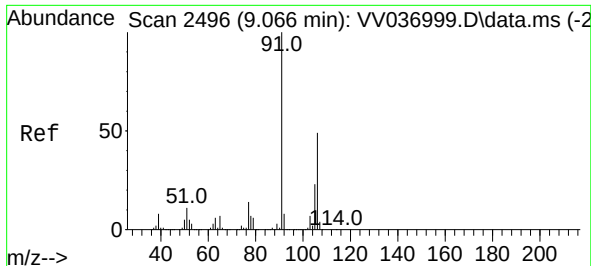
Tgt Ion: 91 Resp: 907561

Ion Ratio Lower Upper

91 100

106 29.9 21.3 39.5

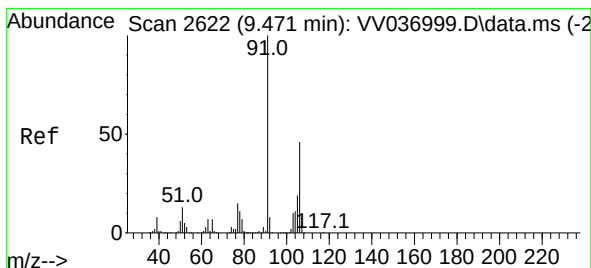
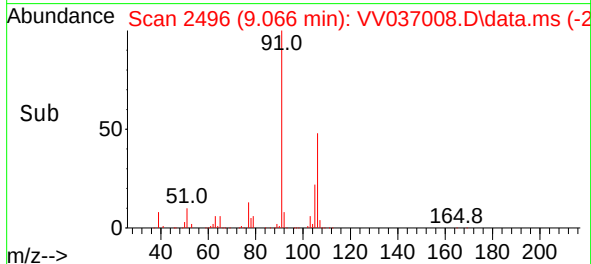
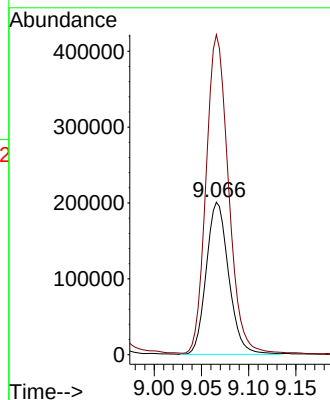
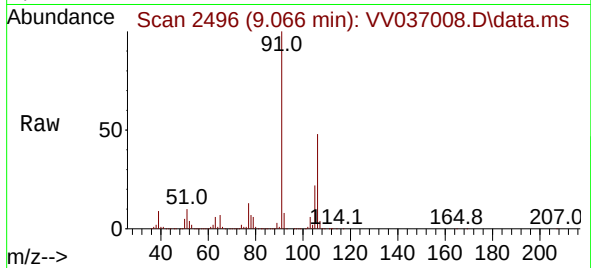




#53
m,p-Xylene
Concen: 18.847 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

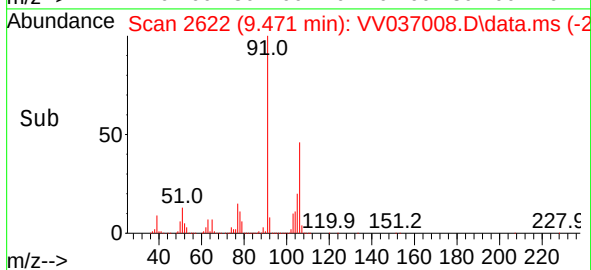
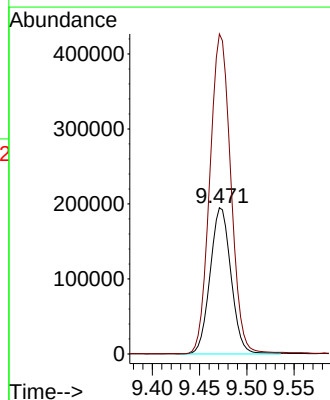
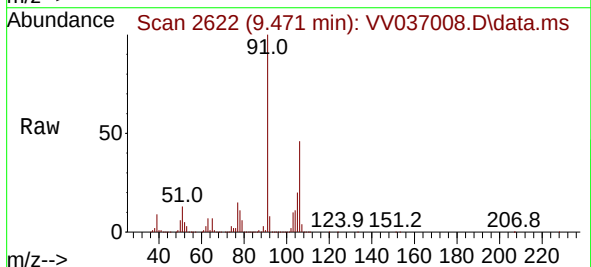
Instrument :
MSVOA_V
ClientSampleId :

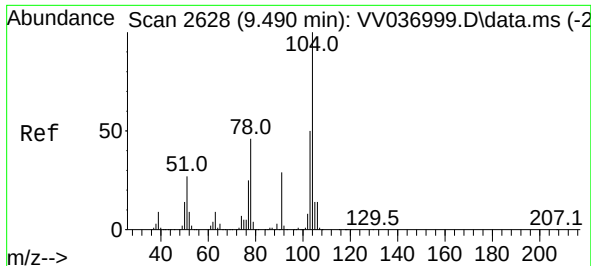
Tgt Ion:106 Resp: 330813
Ion Ratio Lower Upper
106 100
91 209.9 142.4 264.4



#54
o-Xylene
Concen: 17.867 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

Tgt Ion:106 Resp: 299584
Ion Ratio Lower Upper
106 100
91 218.7 152.8 283.8





#55

Styrene

Concen: 17.240 ug/L

RT: 9.490 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

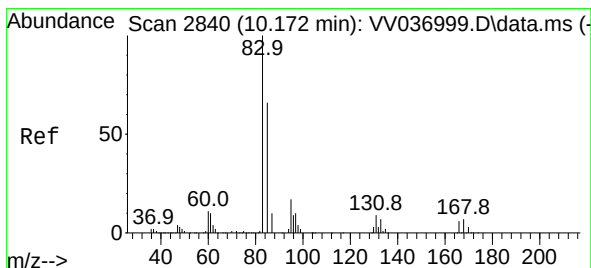
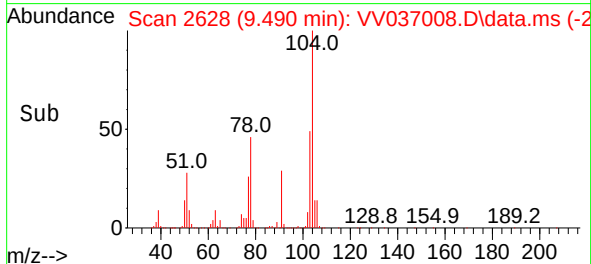
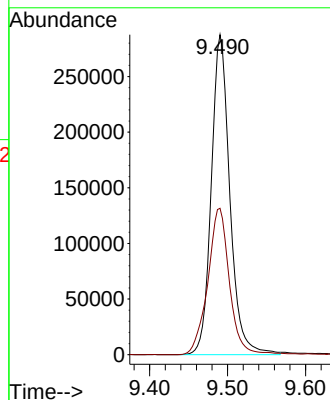
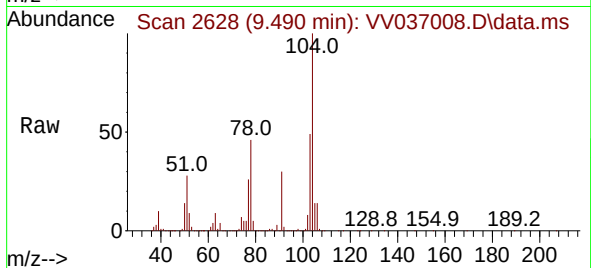
ClientSampleId :

Tgt Ion:104 Resp: 477102

Ion Ratio Lower Upper

104 100

78 45.7 31.9 59.2



#57

1,1,2,2-Tetrachloroethane

Concen: 20.916 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

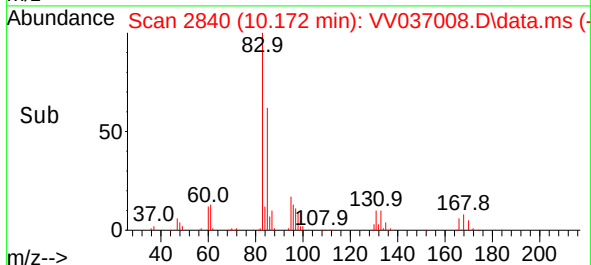
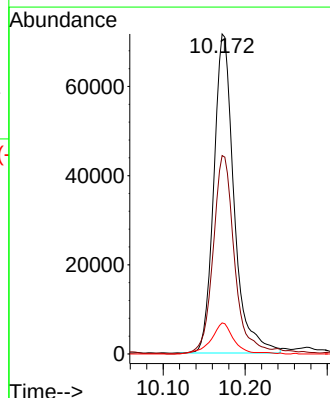
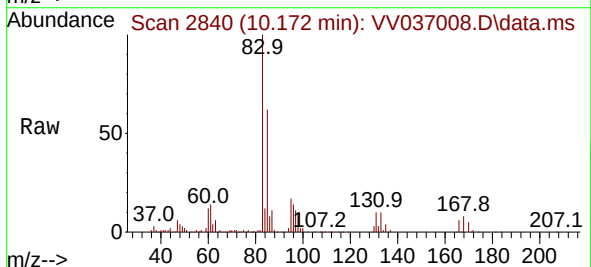
Tgt Ion: 83 Resp: 122769

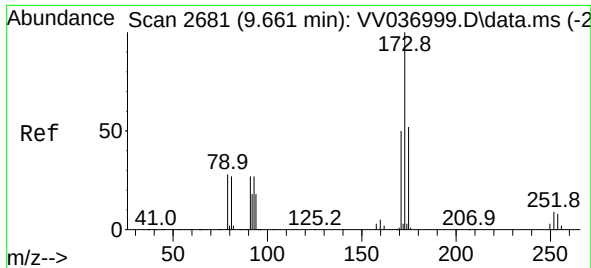
Ion Ratio Lower Upper

83 100

85 62.0 46.4 86.2

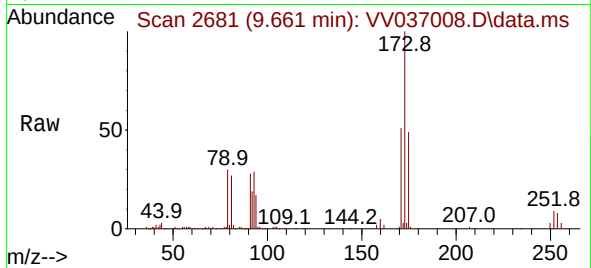
131 9.7 7.6 11.4



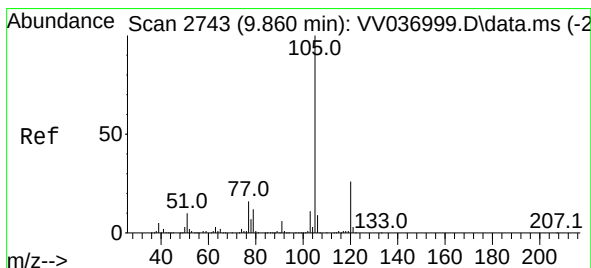
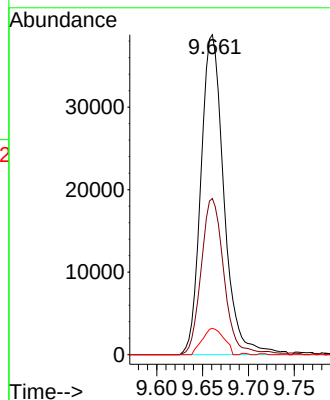
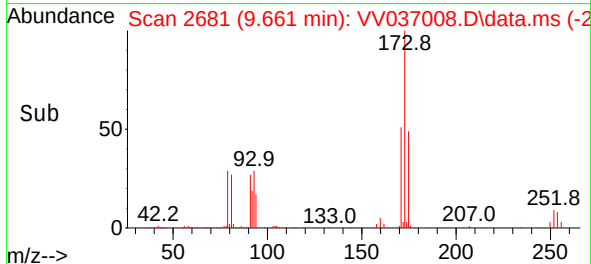


#59
Bromoform
Concen: 35.466 ug/L
RT: 9.661 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29

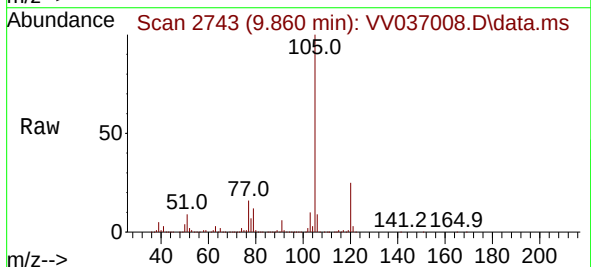
Instrument :
MSVOA_V
ClientSampleId :



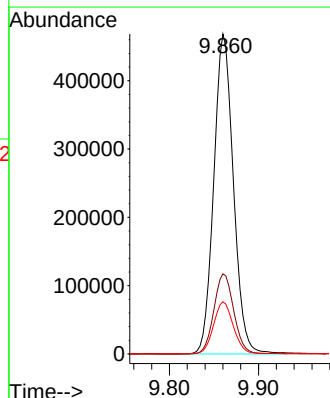
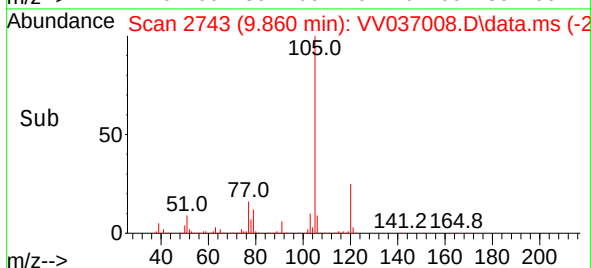
Tgt Ion:173 Resp: 67613
Ion Ratio Lower Upper
173 100
175 48.0 40.1 60.1
254 7.7 6.2 9.4

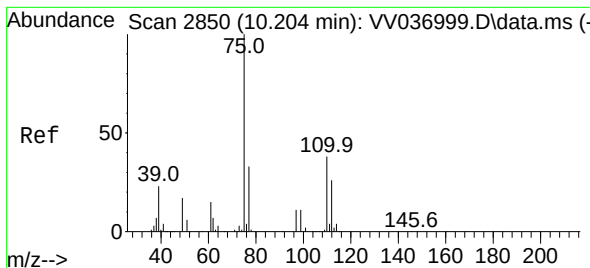


#60
Isopropylbenzene
Concen: 26.981 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV037008.D
Acq: 22 Aug 2024 15:29



Tgt Ion:105 Resp: 716120
Ion Ratio Lower Upper
105 100
120 25.4 20.8 31.2
77 16.3 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 38.000 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

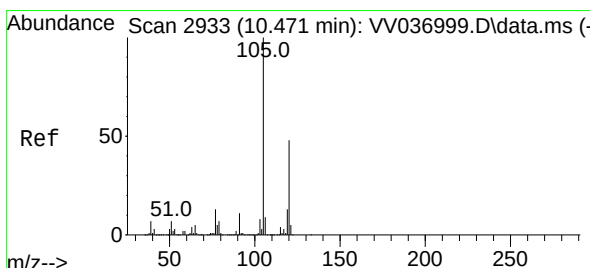
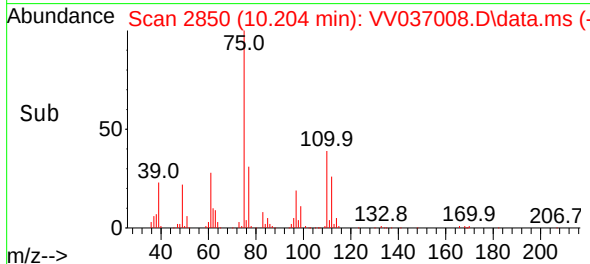
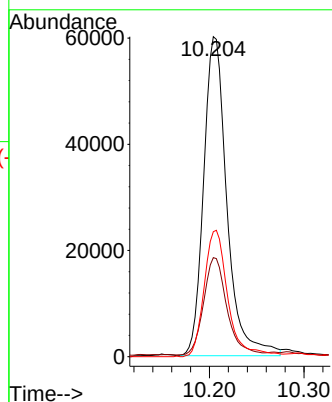
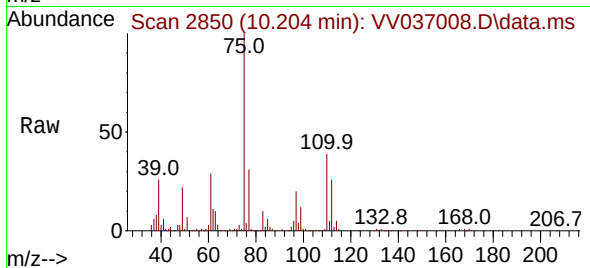
Tgt Ion: 75 Resp: 103150

Ion Ratio Lower Upper

75 100

77 30.2 25.5 38.3

110 40.4 31.0 46.4



#62

1,3,5-Trimethylbenzene

Concen: 22.338 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037008.D

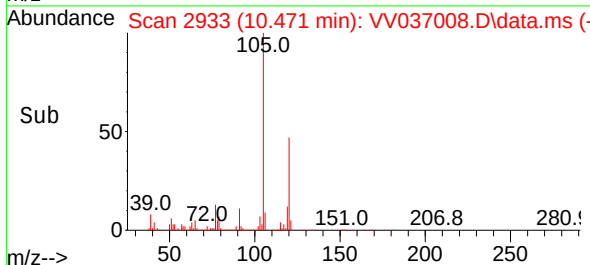
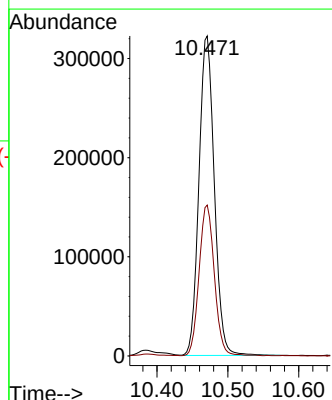
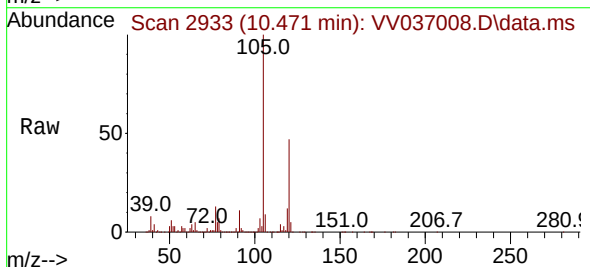
Acq: 22 Aug 2024 15:29

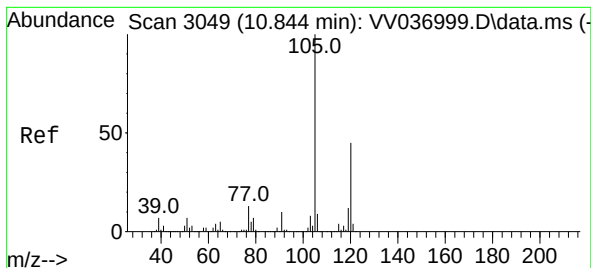
Tgt Ion:105 Resp: 485396

Ion Ratio Lower Upper

105 100

120 46.5 38.4 57.6





#63

1,2,4-Trimethylbenzene

Concen: 22.192 ug/L

RT: 10.847 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

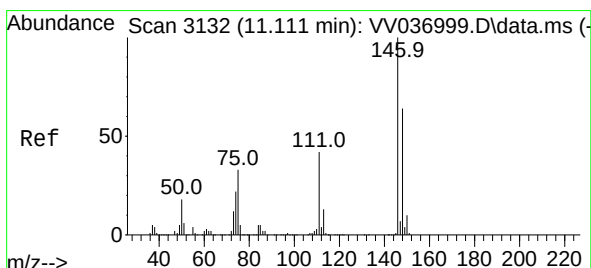
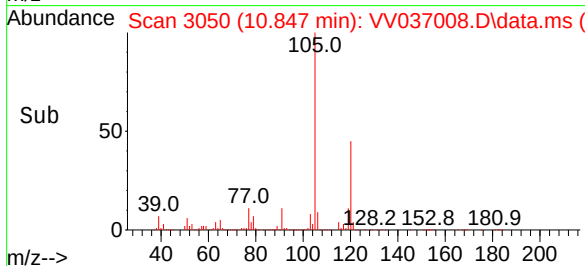
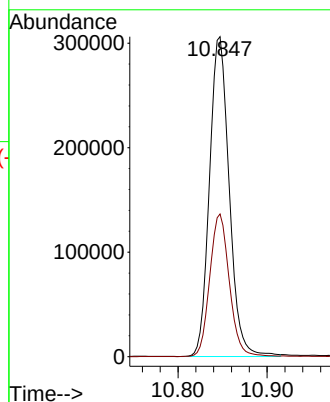
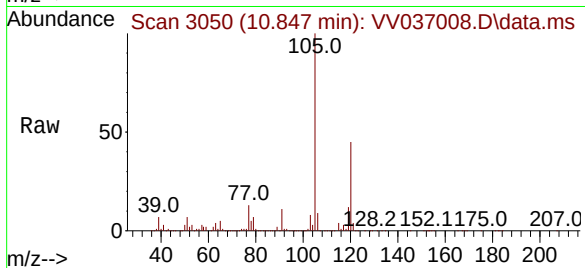
ClientSampleId :

Tgt Ion:105 Resp: 470030

Ion Ratio Lower Upper

105 100

120 44.4 36.2 54.2



#64

1,3-Dichlorobenzene

Concen: 19.514 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

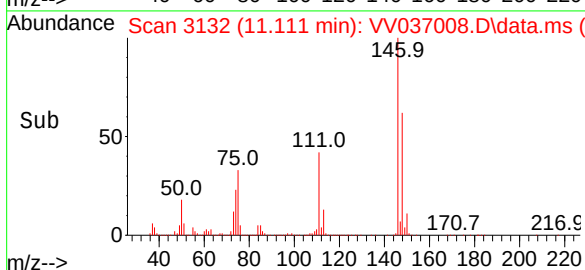
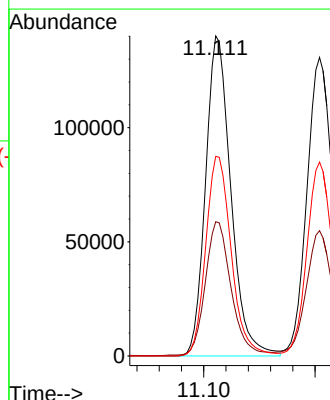
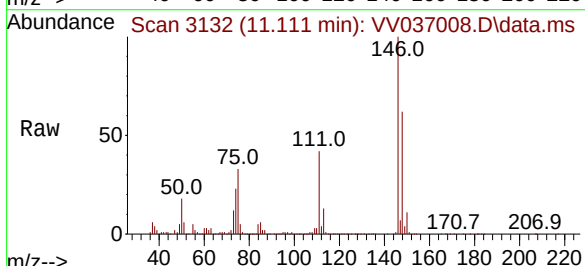
Tgt Ion:146 Resp: 221349

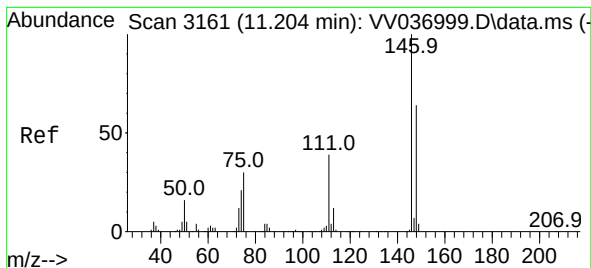
Ion Ratio Lower Upper

146 100

111 42.0 29.5 54.9

148 62.4 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 19.294 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

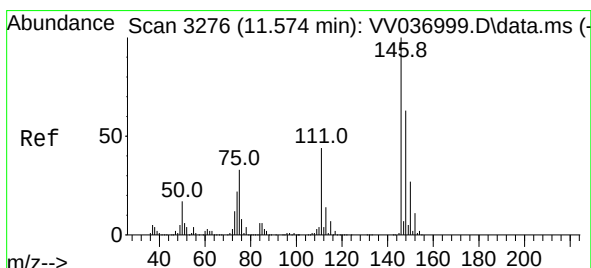
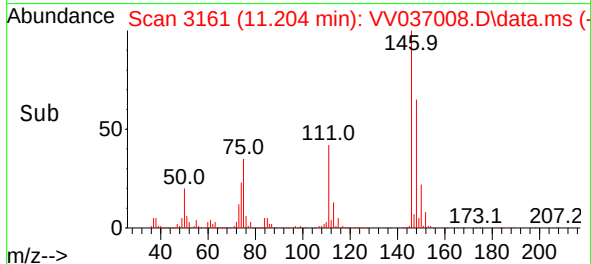
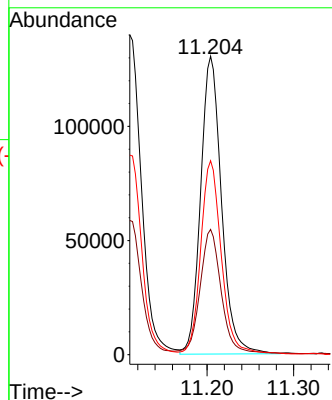
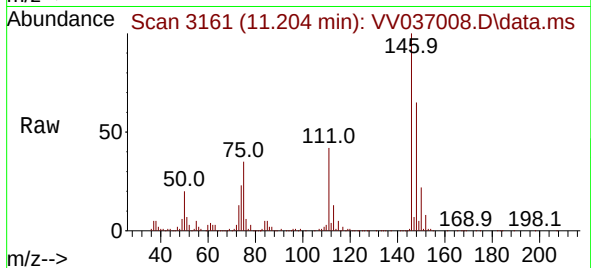
Tgt Ion:146 Resp: 218596

Ion Ratio Lower Upper

146 100

111 42.0 27.6 51.4

148 65.0 44.9 83.3



#67

1,2-Dichlorobenzene

Concen: 18.152 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

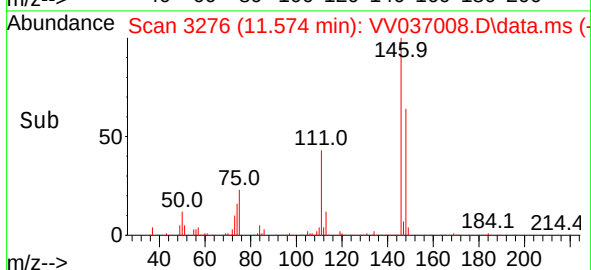
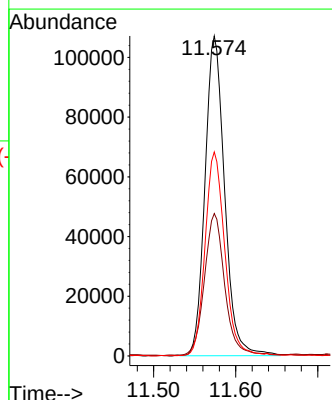
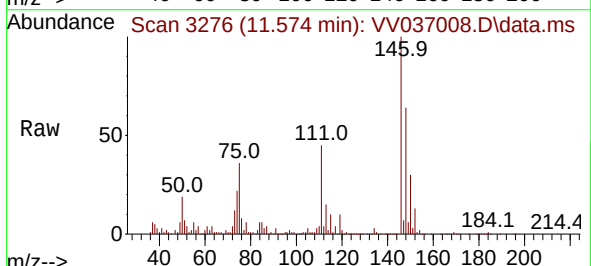
Tgt Ion:146 Resp: 178391

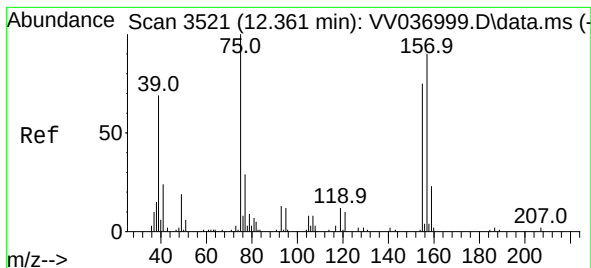
Ion Ratio Lower Upper

146 100

111 44.5 35.4 53.0

148 63.7 50.8 76.2





#68

1,2-Dibromo-3-chloropropane

Concen: 33.382 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

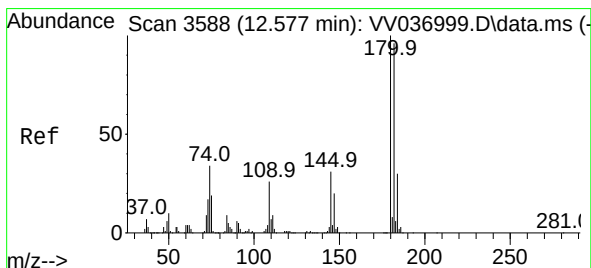
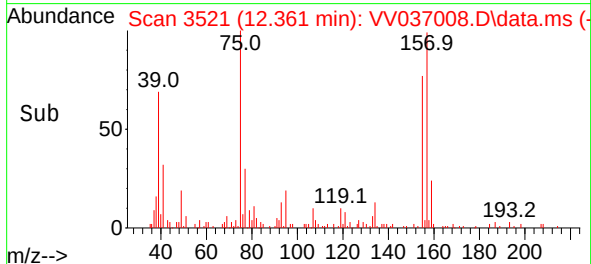
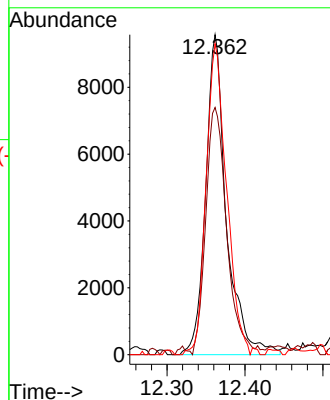
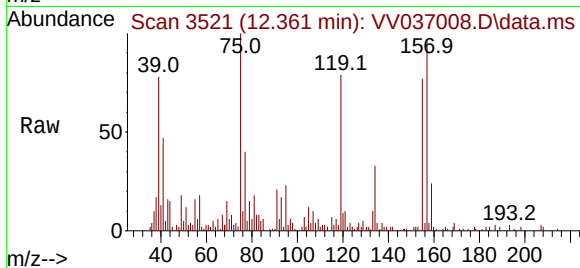
Tgt Ion: 75 Resp: 17708

Ion Ratio Lower Upper

75 100

155 77.3 59.9 89.9

157 97.2 72.2 108.2



#69

1,3,5-Trichlorobenzene

Concen: 9.199 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Tgt Ion:180 Resp: 72718

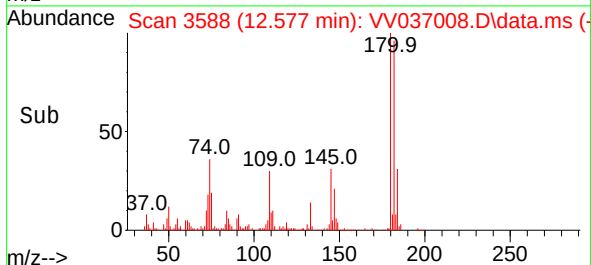
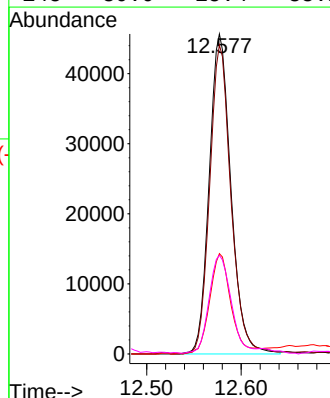
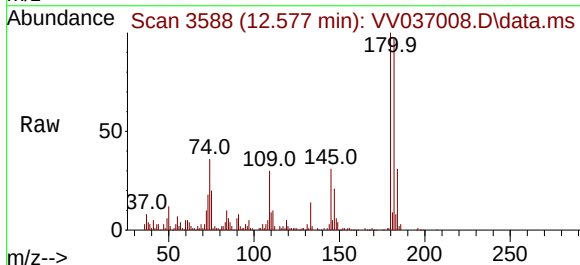
Ion Ratio Lower Upper

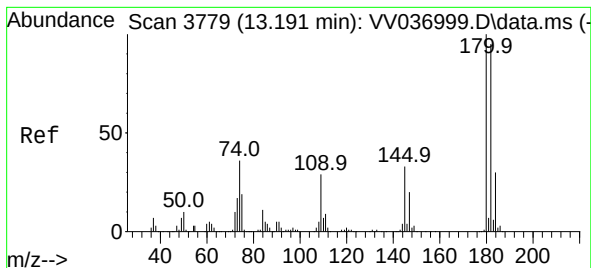
180 100

182 94.7 76.4 114.6

184 31.1 24.2 36.4

145 30.9 25.4 38.2





#70

1,2,4-trichlorobenzene

Concen: 8.579 ug/L

RT: 13.194 min Scan# 3779

Delta R.T. 0.003 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :

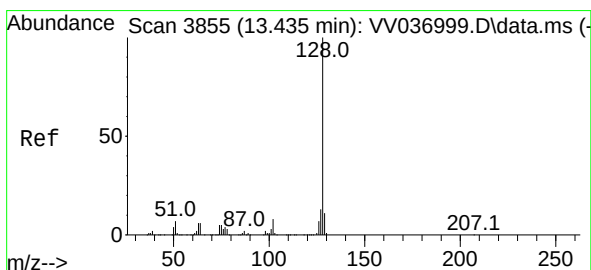
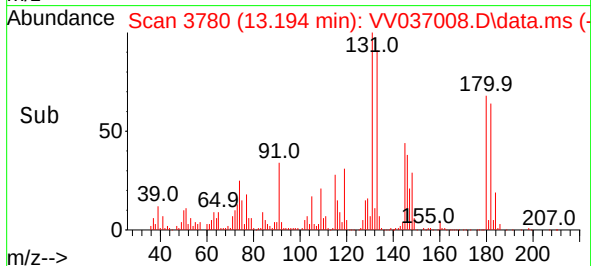
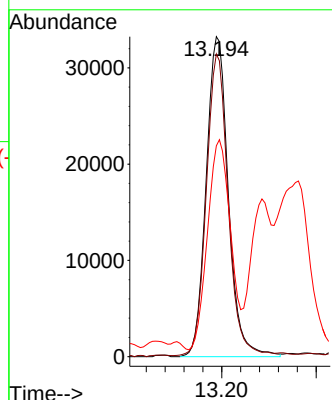
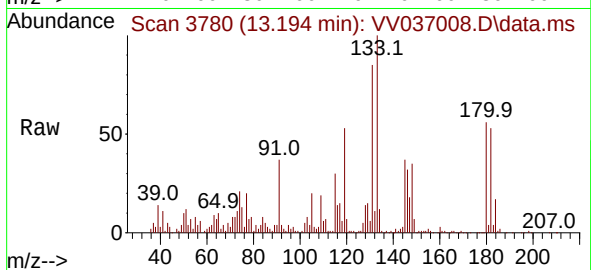
Tgt Ion:180 Resp: 54268

Ion Ratio Lower Upper

180 100

182 91.4 76.0 114.0

145 67.4 25.8 38.6#



#71

Naphthalene

Concen: 17.337 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

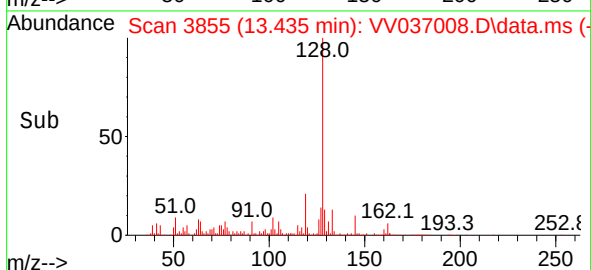
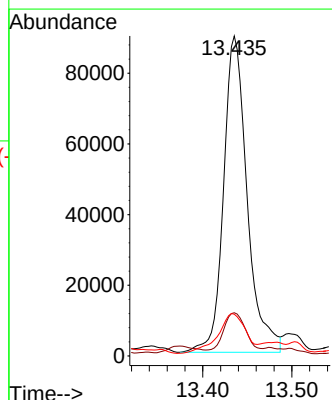
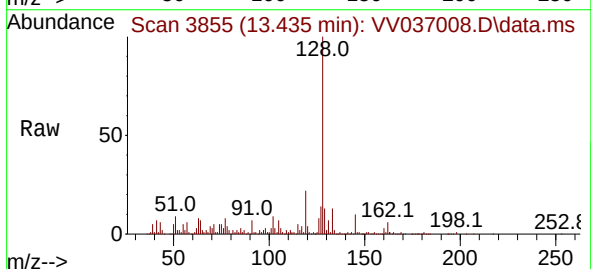
Tgt Ion:128 Resp: 165214

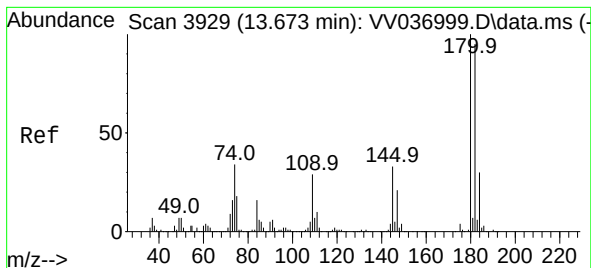
Ion Ratio Lower Upper

128 100

127 10.6 10.2 15.4

129 14.8 8.6 13.0#





#72

1,2,3-Trichlorobenzene

Concen: 7.387 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

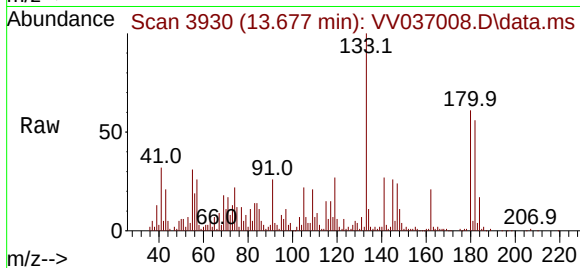
Lab File: VV037008.D

Acq: 22 Aug 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 38689

Ion Ratio Lower Upper

180 100

182 93.0 76.2 114.4

145 0.0 26.6 40.0#

