

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
 Data File : VV037005.D
 Acq On : 22 Aug 2024 13:13
 Operator : SY/MD
 Sample : P3391-03
 Misc : 5.00mL/10mL/MSVOA_V/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 05:19:53 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	663335	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	596630	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	269872	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	172408	18.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.200%
7) Chloroethane-d5	1.532	69	160854	20.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.920%
11) 1,1-Dichloroethene-d2	2.056	65	88320	19.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.880%
21) 2-Butanone-d5	3.838	46	58455	33.912	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.820%
24) Chloroform-d	4.239	84	382621	20.469	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.880%
26) 1,2-Dichloroethane-d4	4.937	65	176441	20.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.080%
32) Benzene-d6	4.950	84	792898	22.177	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.720%
36) 1,2-Dichloropropane-d6	5.982	67	240010	22.174	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.680%
41) Toluene-d8	7.236	98	718352	22.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.160%
43) trans-1,3-Dichloroprop...	7.551	79	74366	19.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.760%
47) 2-Hexanone-d5	8.037	63	32927	34.391	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.780%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	119054	19.867	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.480%
66) 1,2-Dichlorobenzene-d4	11.554	152	212513	21.999	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	14306	1.381	ug/L	98
3) Chloromethane	1.217	50	14134	1.178	ug/L	95
6) Bromomethane	1.487	94	9121	1.207	ug/L	99
8) Chloroethane	1.548	64	9350	1.246	ug/L	99
9) Trichlorofluoromethane	1.712	101	18877	1.203	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	13956	1.444	ug/L	86
12) 1,1-Dichloroethene	2.066	96	12874	1.430	ug/L #	1
13) Acetone	2.143	43	3701	1.830	ug/L	97
14) Carbon disulfide	2.236	76	34048	1.142	ug/L	96
16) Methylene chloride	2.442	84	56865	4.310	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	11944	1.212	ug/L	91
18) Methyl tert-butyl Ether	2.706	73	20993	1.028	ug/L	99
19) 1,1-Dichloroethane	3.104	63	20130	1.049	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	10693	1.012	ug/L	96
23) Bromochloromethane	4.140	128	2131	0.508	ug/L	90
25) Chloroform	4.265	83	29573	1.577	ug/L	100
27) 1,2-Dichloroethane	5.046	62	9261	0.903	ug/L	97
29) Cyclohexane	4.567	56	18081	1.168	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	16712	1.111	ug/L	98

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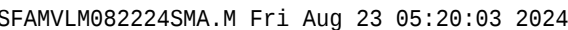
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 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 05:07:38 2024
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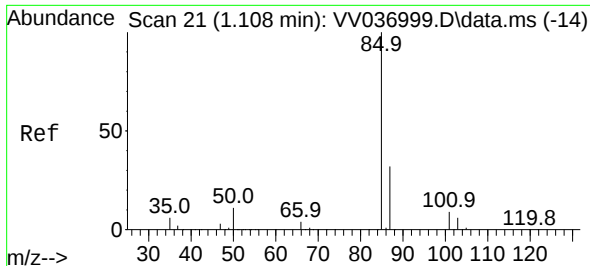
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

31) Carbon tetrachloride	4.722	117	14479	1.140	ug/L	98
33) Benzene	5.008	78	39074	1.005	ug/L	100
34) Trichloroethene	5.834	95	11760	1.071	ug/L	96
35) Methylcyclohexane	6.040	83	19036	1.121	ug/L	97
37) 1,2-Dichloropropane	6.098	63	8880	0.945	ug/L #	89
38) Bromodichloromethane	6.435	83	11346	0.972	ug/L	93
42) Toluene	7.320	91	44923	1.102	ug/L	100
44) trans-1,3-Dichloropropene	7.596	75	8536	0.818	ug/L	97
45) 1,1,2-Trichloroethane	7.779	97	5845	0.948	ug/L	94
46) Tetrachloroethene	7.905	164	9551	1.230	ug/L	92
48) 2-Hexanone	8.101	43	6079	2.046	ug/L #	65
49) Dibromochloromethane	8.175	129	6361	0.938	ug/L	87
50) 1,2-Dibromoethane	8.287	107	5363	0.964	ug/L #	92
51) Chlorobenzene	8.812	112	28020	1.077	ug/L	97
52) Ethylbenzene	8.947	91	47323	1.030	ug/L	100
53) m,p-Xylene	9.075	106	17946	1.051	ug/L	93
54) o-Xylene	9.477	106	16476	1.010	ug/L	96
55) Styrene	9.503	104	23268	0.865	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.175	83	6258	1.096	ug/L	96
59) Bromoform	9.667	173	2827	0.925	ug/L	94
60) Isopropylbenzene	9.866	105	45377	1.066	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	4181	0.961	ug/L	91
62) 1,3,5-Trimethylbenzene	10.474	105	37718	1.083	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	33560	0.988	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	20585	1.132	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	21507	1.184	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	18488	1.173	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.188	75	1026	1.206	ug/L #	21
69) 1,3,5-Trichlorobenzene	12.580	180	14552	1.148	ug/L	99
70) 1,2,4-trichlorobenzene	13.200	180	11466	1.131	ug/L	97
71) Naphthalene	13.442	128	20151	1.319	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	9999	1.191	ug/L	97

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

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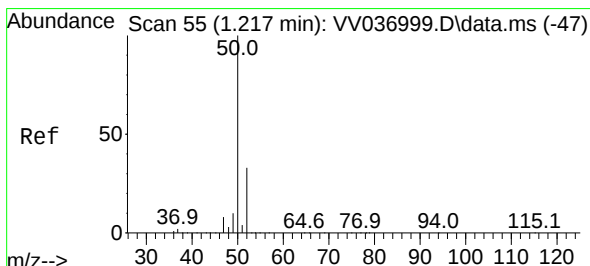
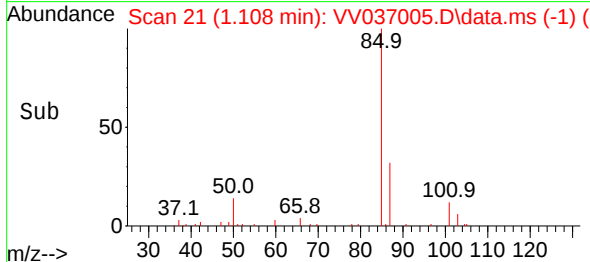
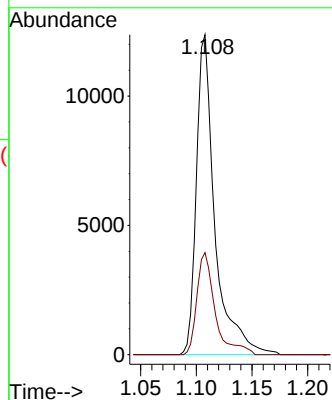
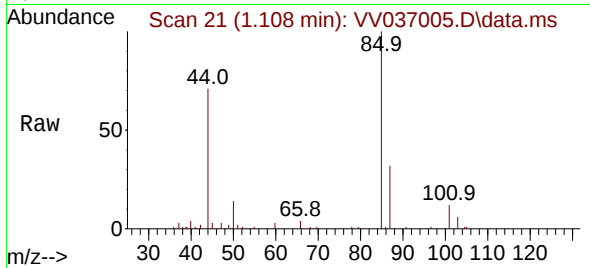




#2
Dichlorodifluoromethane
Concen: 1.381 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037005.D
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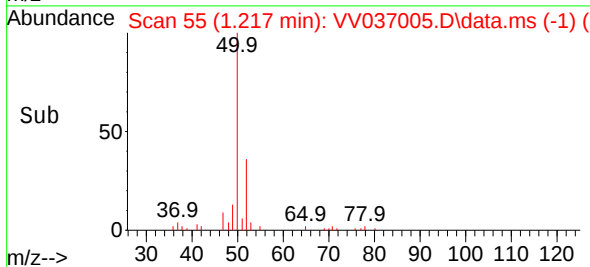
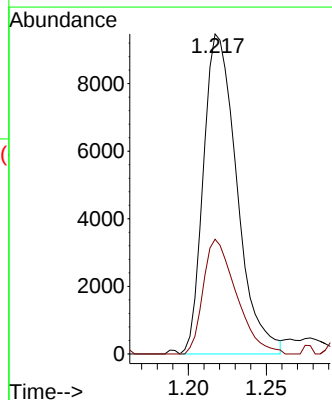
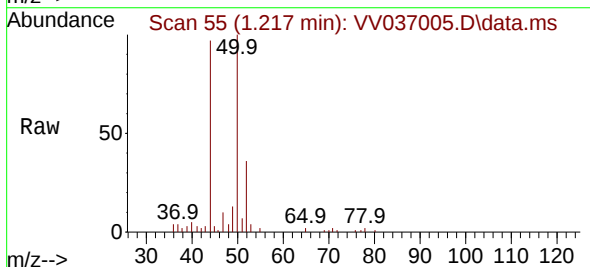
Instrument :
MSVOA_V
ClientSampleId :

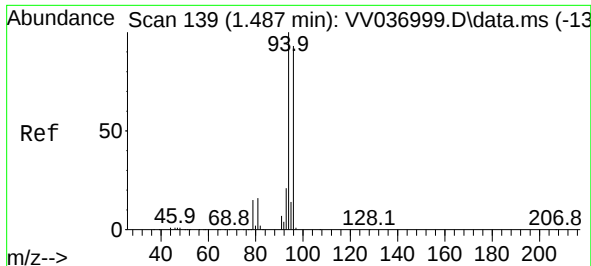
Tgt Ion: 85 Resp: 14306
Ion Ratio Lower Upper
85 100
87 31.5 26.1 39.1



#3
Chloromethane
Concen: 1.178 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

Tgt Ion: 50 Resp: 14134
Ion Ratio Lower Upper
50 100
52 35.9 23.2 43.2

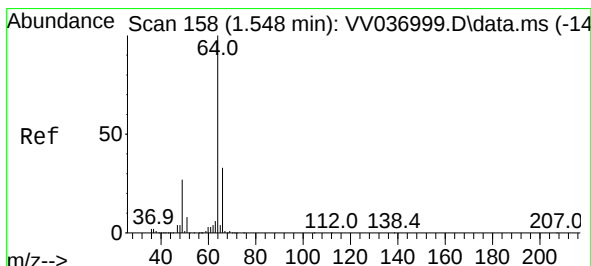
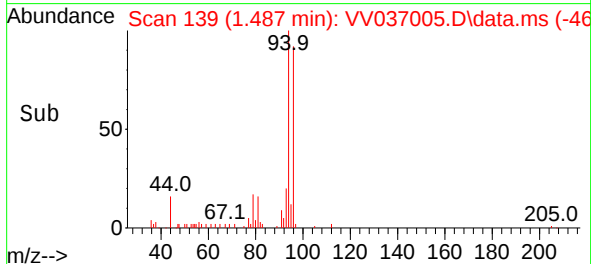
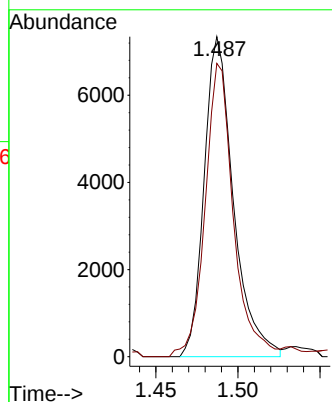
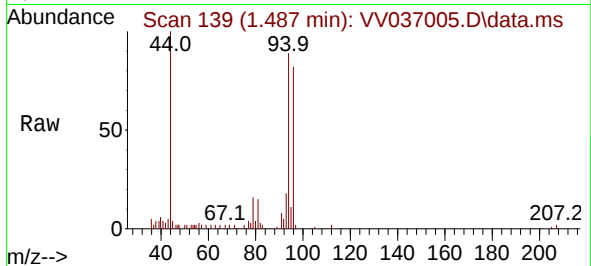




#6
Bromomethane
Concen: 1.207 ug/L
RT: 1.487 min Scan# 14
Delta R.T. -0.000 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

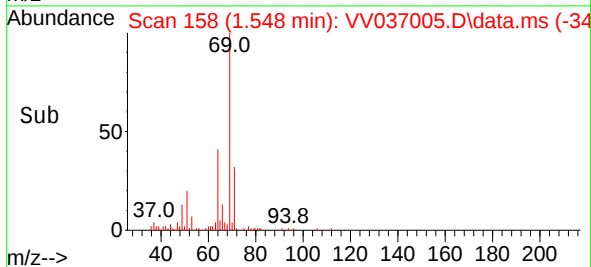
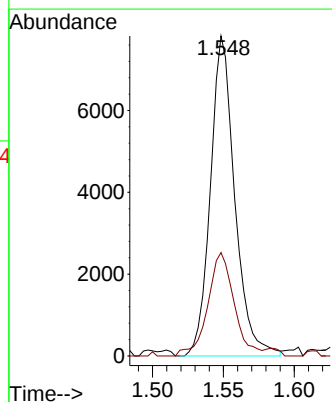
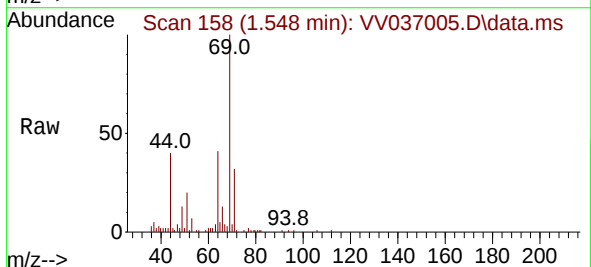
Instrument :
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ClientSampleId :

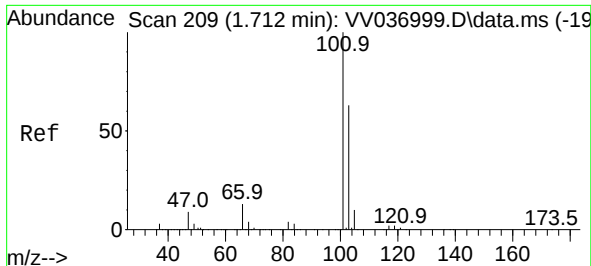
Tgt Ion: 94 Resp: 9121
Ion Ratio Lower Upper
94 100
96 91.7 65.0 120.6



#8
Chloroethane
Concen: 1.246 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

Tgt Ion: 64 Resp: 9350
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.0

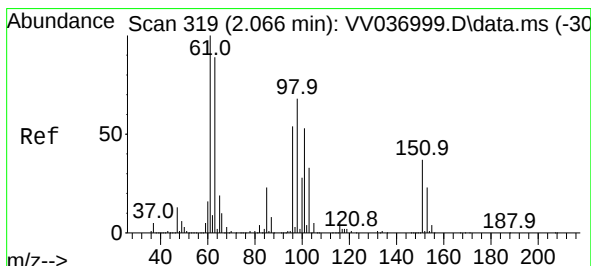
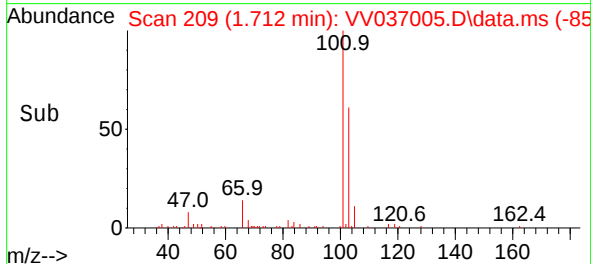
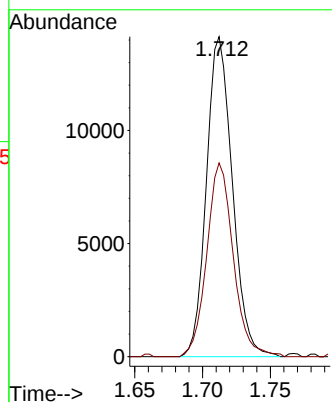
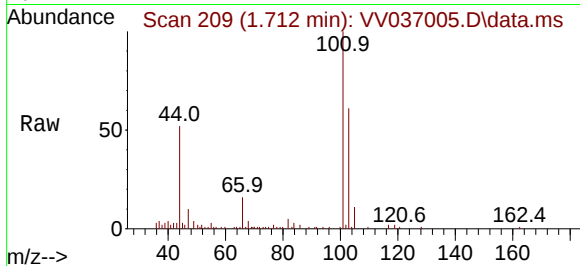




#9
Trichlorofluoromethane
Concen: 1.203 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

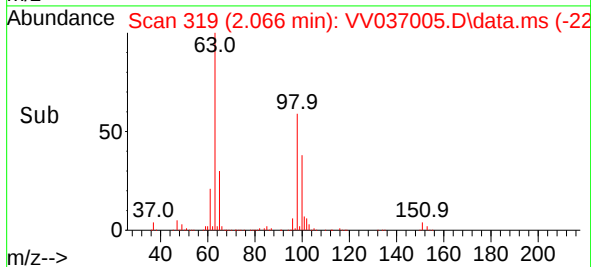
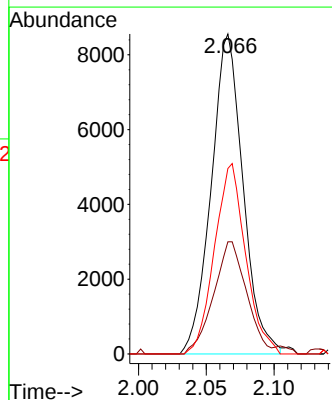
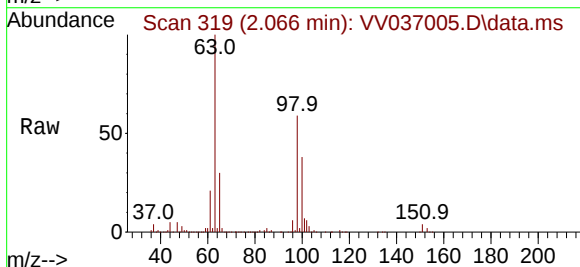
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ClientSampleId :

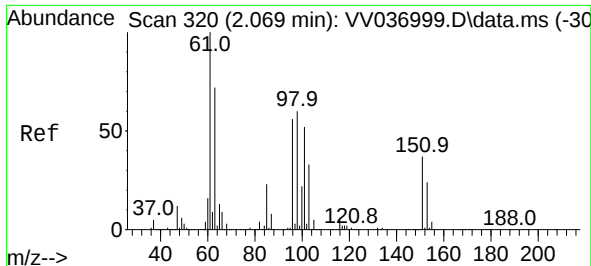
Tgt Ion:101 Resp: 18877
Ion Ratio Lower Upper
101 100
103 61.9 51.0 76.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.444 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

Tgt Ion:101 Resp: 13956
Ion Ratio Lower Upper
101 100
85 36.4 35.6 53.4
151 58.3 56.3 84.5





#12

1,1-Dichloroethene

Concen: 1.430 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

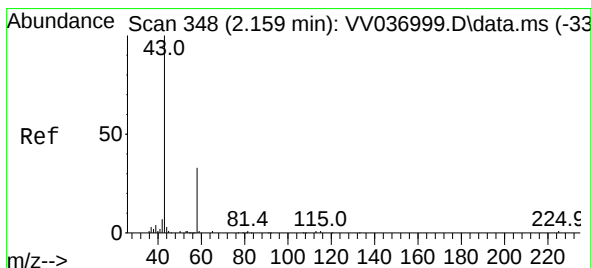
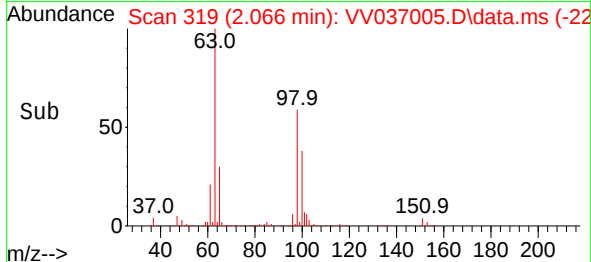
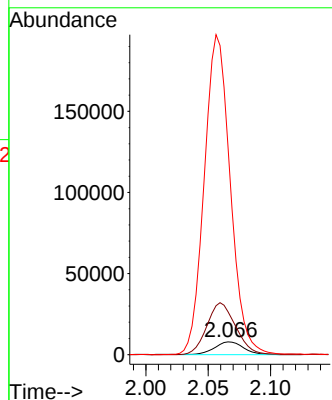
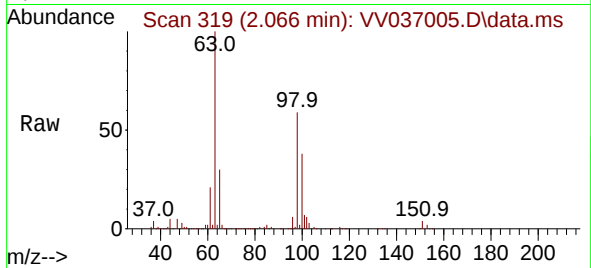
Tgt Ion: 96 Resp: 12874

Ion Ratio Lower Upper

96 100

61 336.0 126.0 234.0#

63 1624.6 91.0 169.0#



#13

Acetone

Concen: 1.830 ug/L

RT: 2.143 min Scan# 343

Delta R.T. -0.016 min

Lab File: VV037005.D

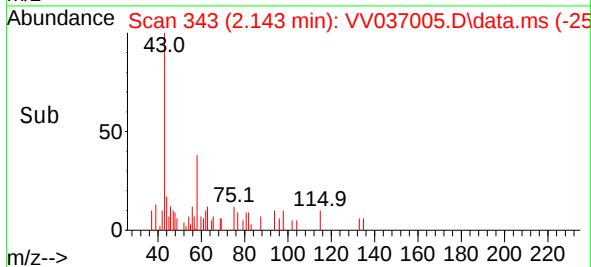
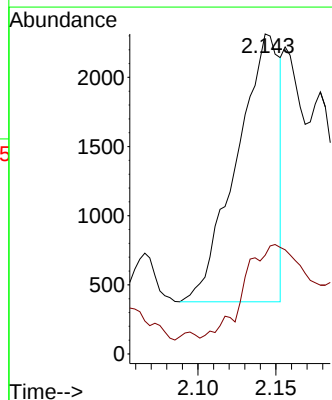
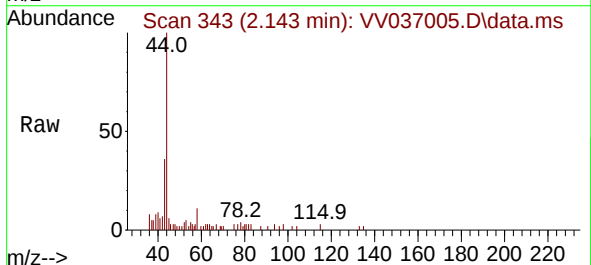
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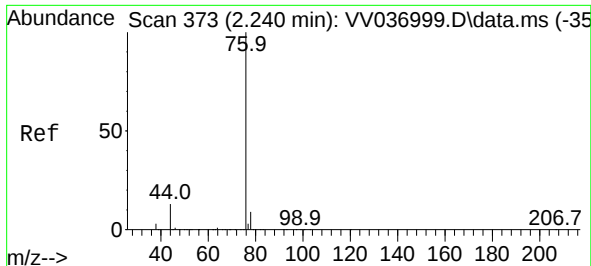
Tgt Ion: 43 Resp: 3701

Ion Ratio Lower Upper

43 100

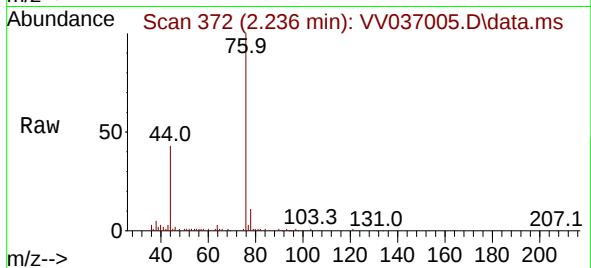
58 9.5 0.0 21.2



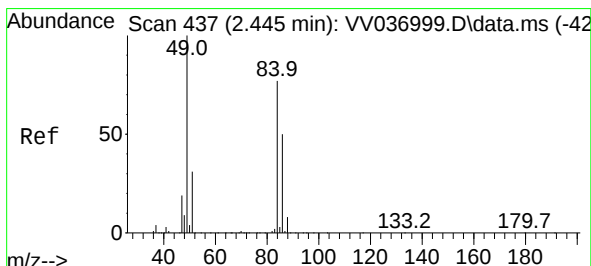
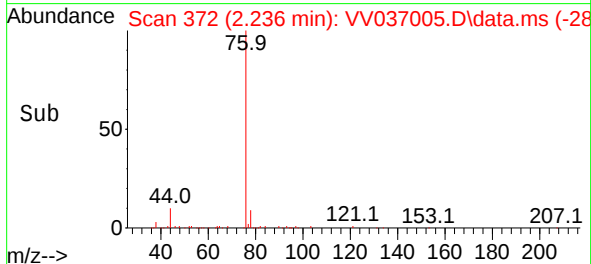
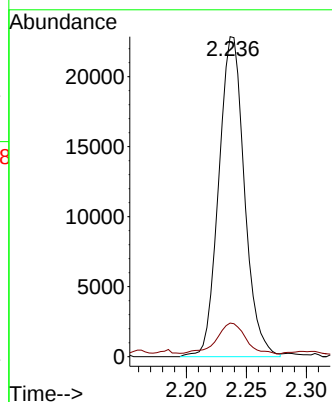


#14
Carbon disulfide
Concen: 1.142 ug/L
RT: 2.236 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

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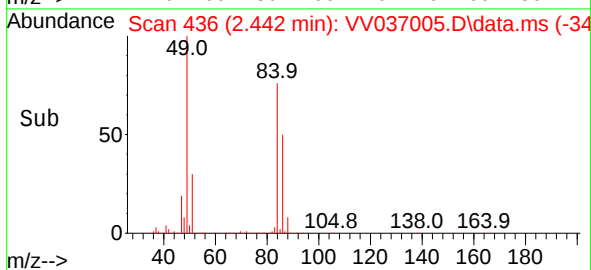
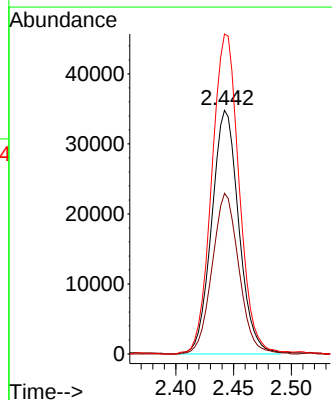
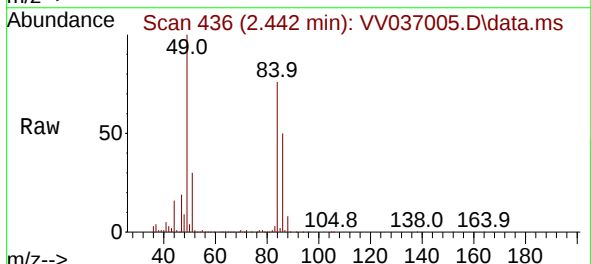


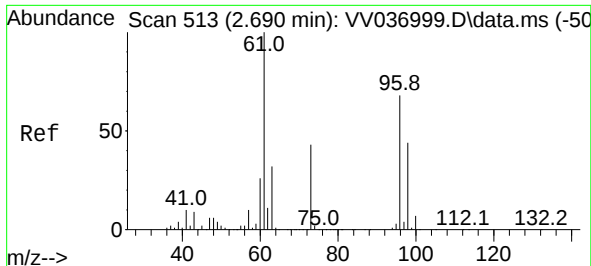
Tgt Ion: 76 Resp: 34048
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



#16
Methylene chloride
Concen: 4.310 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

Tgt Ion: 84 Resp: 56865
Ion Ratio Lower Upper
84 100
86 65.9 45.4 84.2
49 131.3 91.2 169.4





#17

trans-1,2-Dichloroethene

Concen: 1.212 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

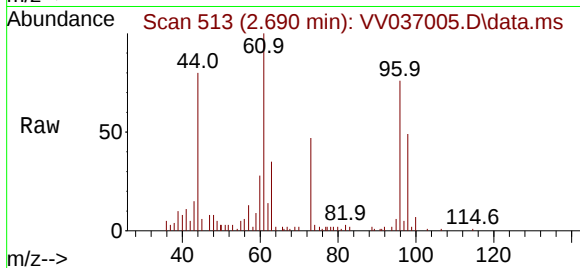
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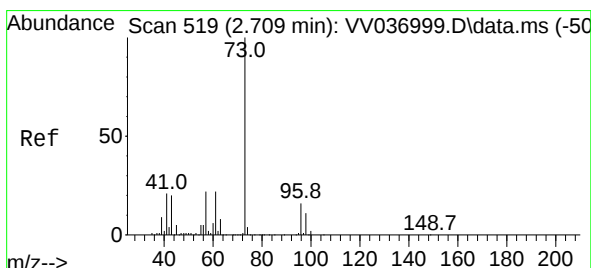
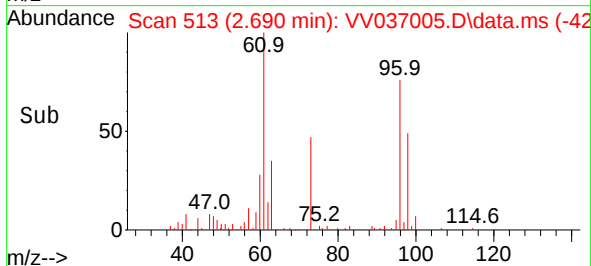
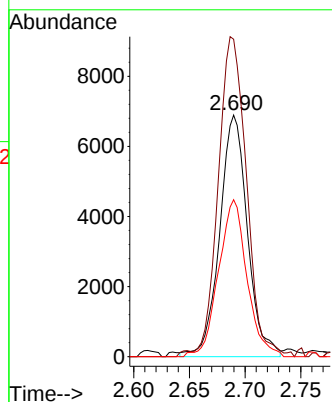
Tgt Ion: 96 Resp: 11944

Ion Ratio Lower Upper

96 100

61 131.4 103.3 191.9

98 65.0 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 1.028 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.003 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

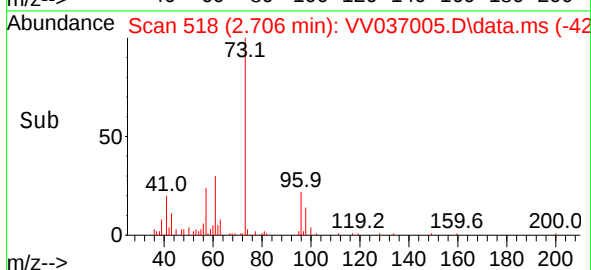
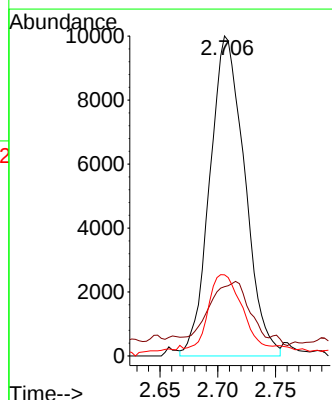
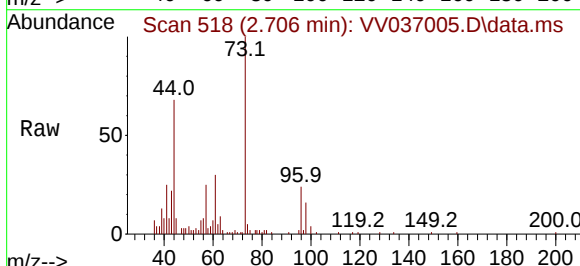
Tgt Ion: 73 Resp: 20993

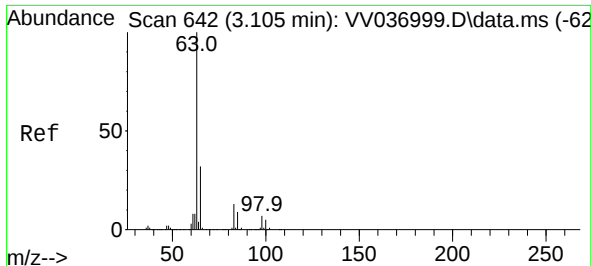
Ion Ratio Lower Upper

73 100

43 20.4 15.9 23.9

57 21.9 17.6 26.4

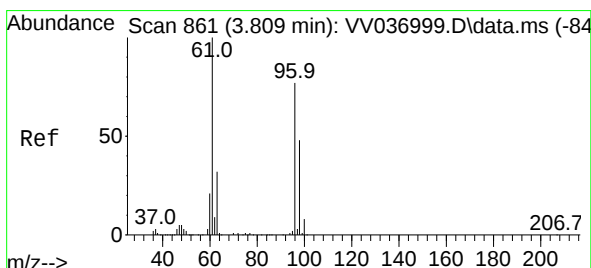
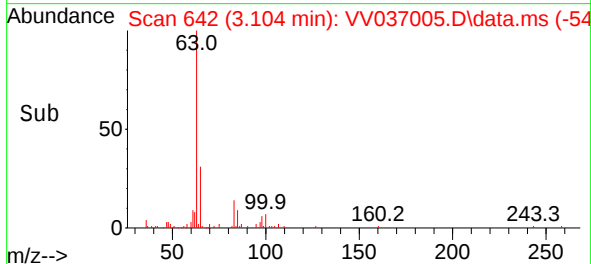
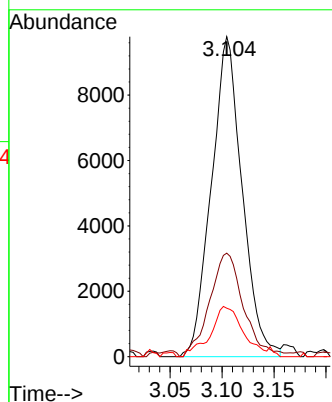
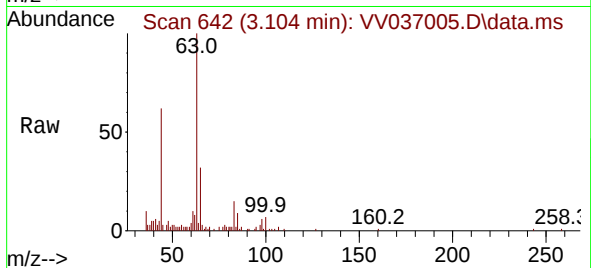




#19
1,1-Dichloroethane
Concen: 1.049 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

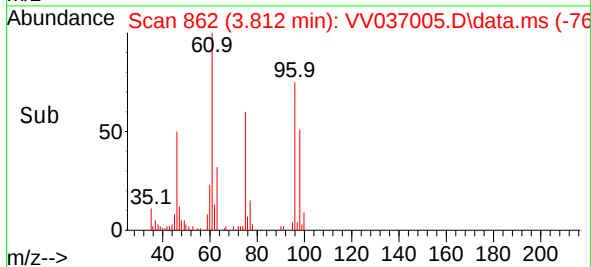
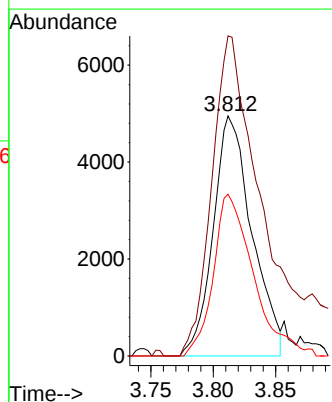
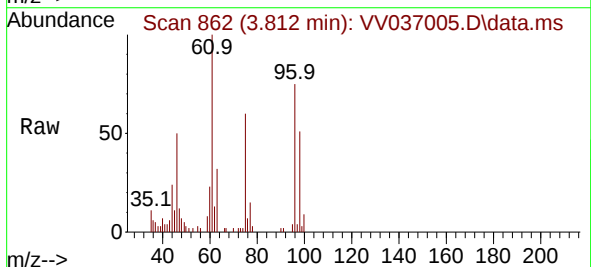
Instrument :
MSVOA_V
ClientSampleId :

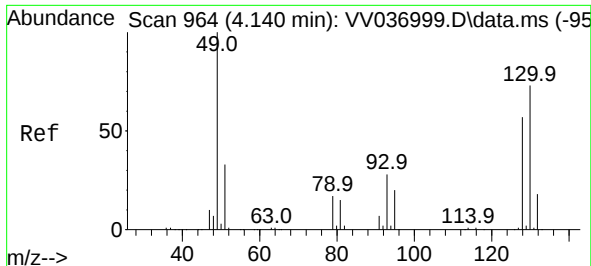
Tgt Ion: 63 Resp: 20130
Ion Ratio Lower Upper
63 100
65 32.4 22.3 41.3
83 15.1 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 1.012 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

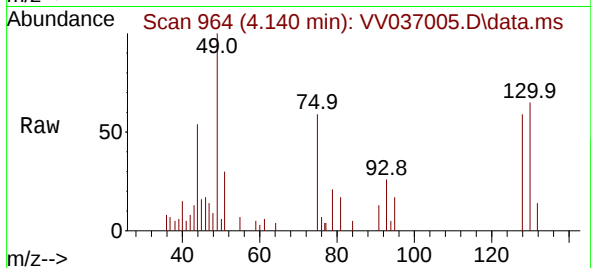
Tgt Ion: 96 Resp: 10693
Ion Ratio Lower Upper
96 100
61 133.4 91.0 169.0
98 67.4 43.8 81.3



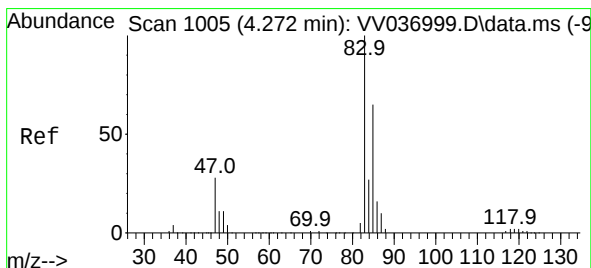
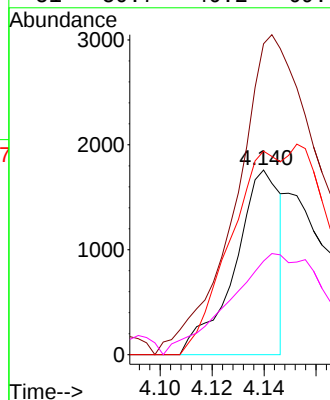
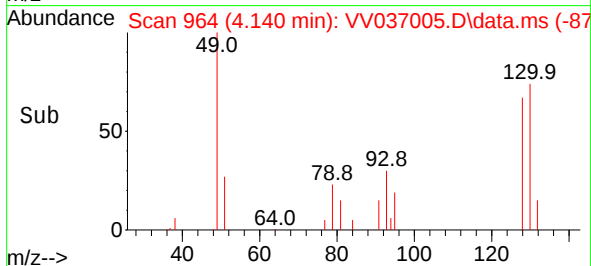


#23
Bromochloromethane
Concen: 0.508 ug/L
RT: 4.140 min Scan# 90
Delta R.T. -0.000 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

Instrument :
MSVOA_V
ClientSampleId :

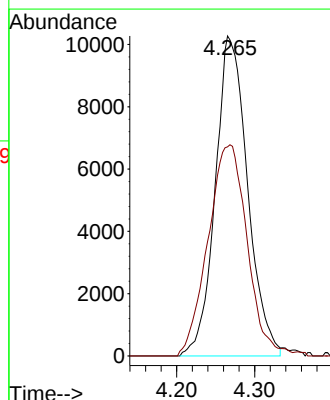
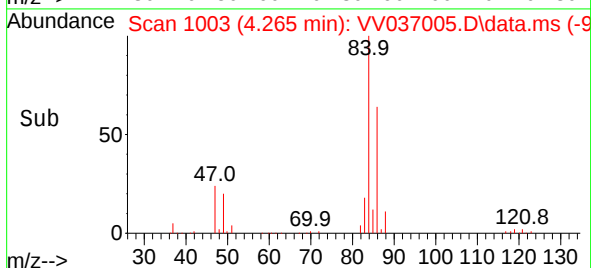
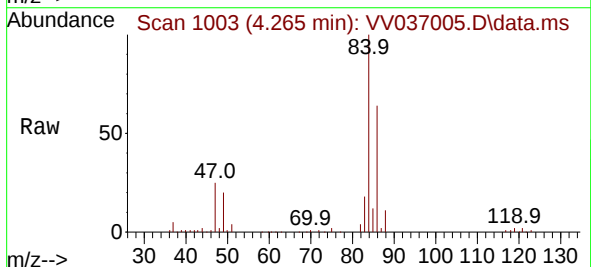


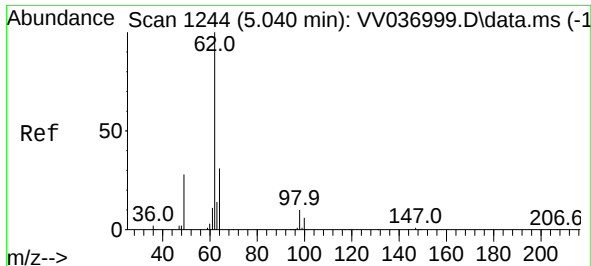
Tgt Ion:128	Resp:	2131
Ion	Ratio	Lower Upper
128	100	
49	168.4	123.3 229.1
130	110.2	89.7 166.5
51	50.7	46.2 69.4



#25
Chloroform
Concen: 1.577 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.007 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

Tgt Ion: 83	Resp:	29573
Ion	Ratio	Lower Upper
83	100	
85	65.3	45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.903 ug/L

RT: 5.046 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

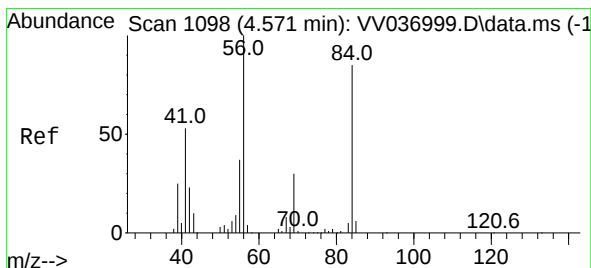
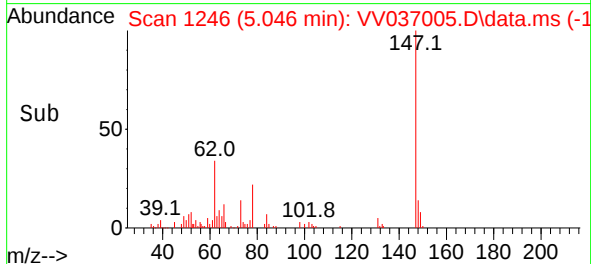
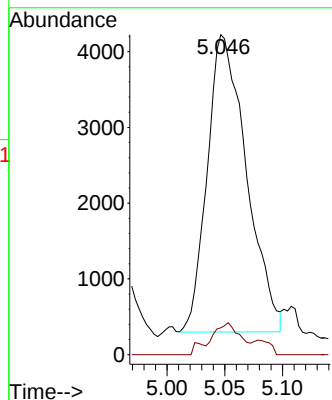
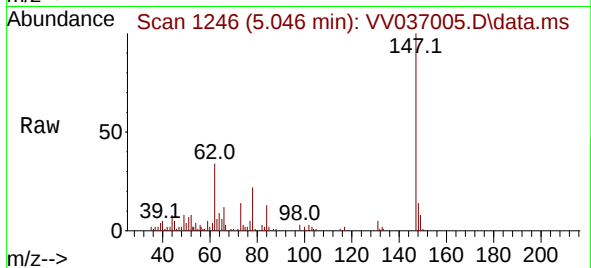
ClientSampleId :

Tgt Ion: 62 Resp: 9261

Ion Ratio Lower Upper

62 100

98 8.4 7.5 11.3



#29

Cyclohexane

Concen: 1.168 ug/L

RT: 4.567 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

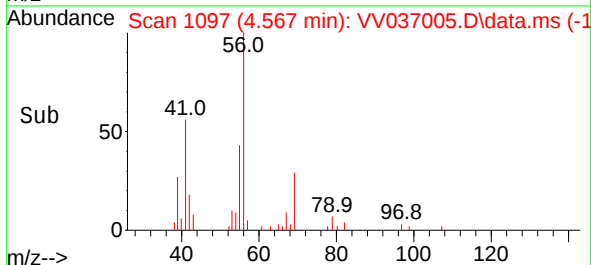
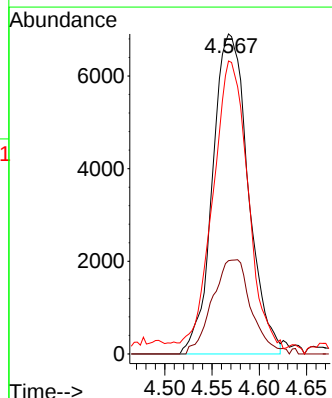
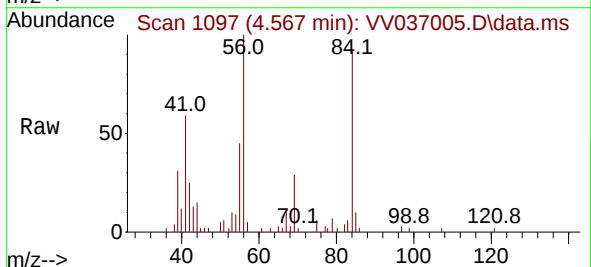
Tgt Ion: 56 Resp: 18081

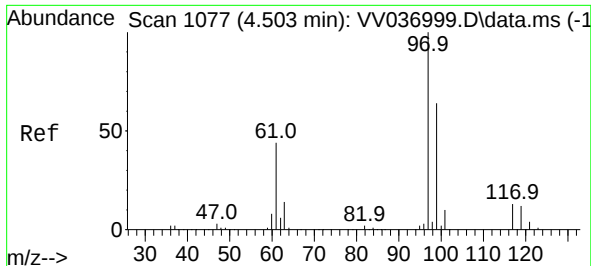
Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

84 87.8 70.0 105.0

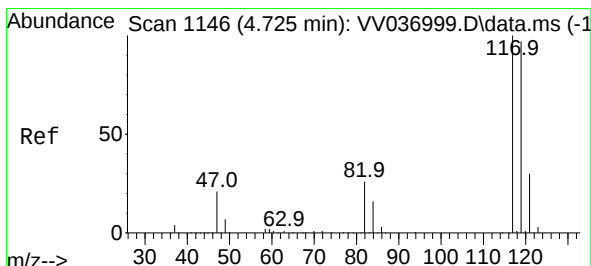
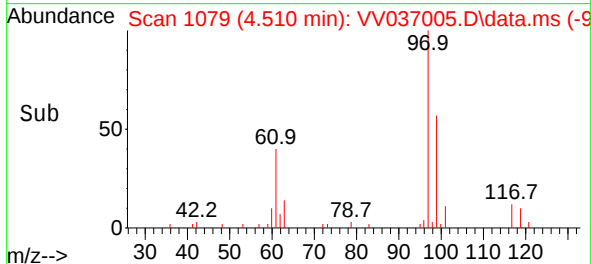
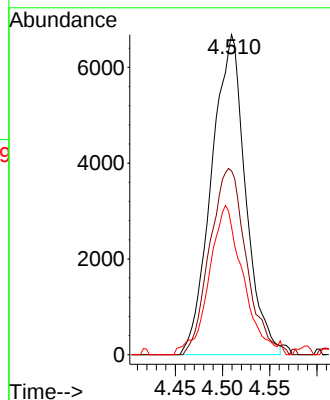
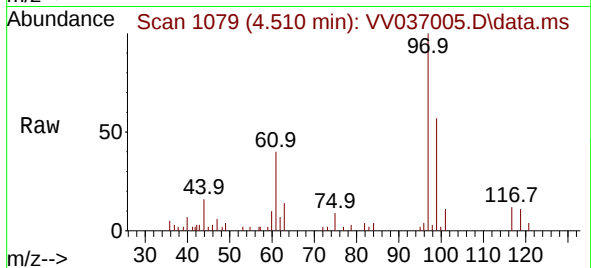




#30
1,1,1-Trichloroethane
Concen: 1.111 ug/L
RT: 4.510 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

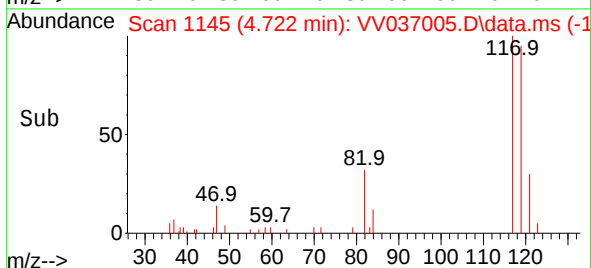
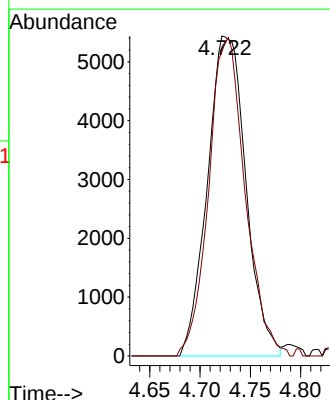
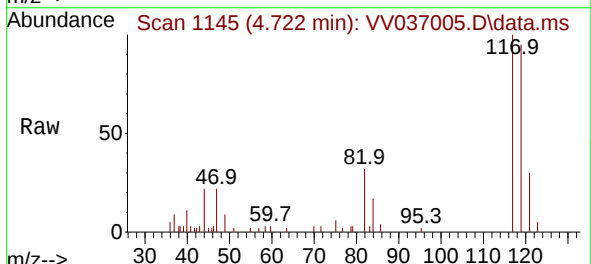
Instrument :
MSVOA_V
ClientSampleId :

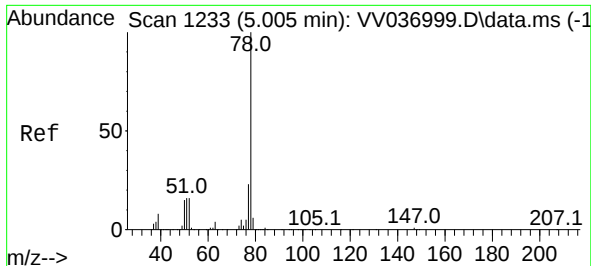
Tgt Ion: 97 Resp: 16712
Ion Ratio Lower Upper
97 100
99 62.5 51.0 76.4
61 46.3 35.0 52.6



#31
Carbon tetrachloride
Concen: 1.140 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.003 min
Lab File: VV037005.D
Acq: 22 Aug 2024 13:13

Tgt Ion: 117 Resp: 14479
Ion Ratio Lower Upper
117 100
119 94.1 76.6 115.0





#33

Benzene

Concen: 1.005 ug/L

RT: 5.008 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV037005.D

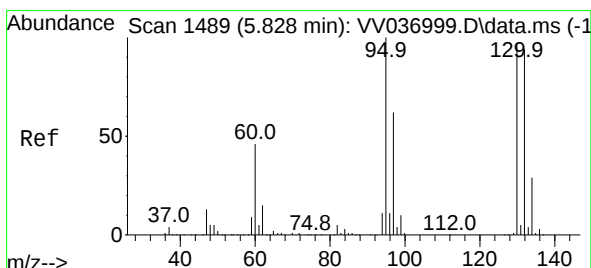
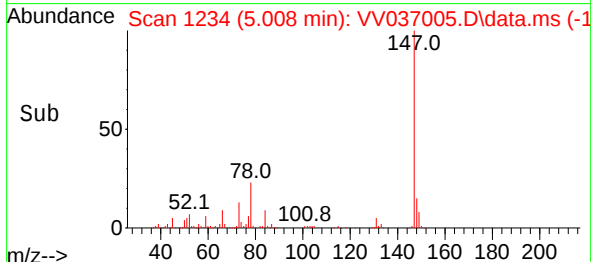
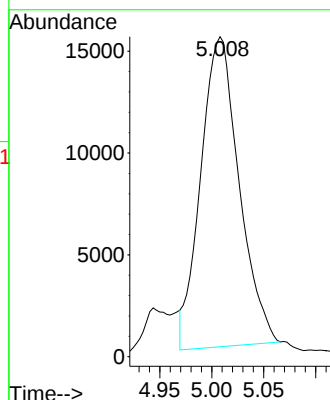
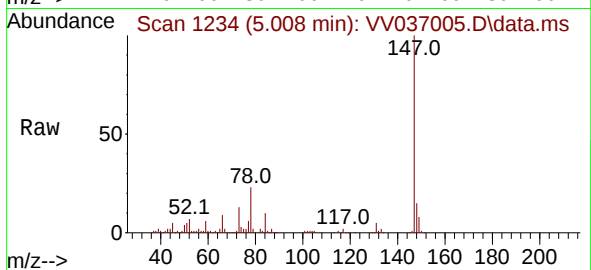
Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 39074



#34

Trichloroethene

Concen: 1.071 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Tgt Ion: 95 Resp: 11760

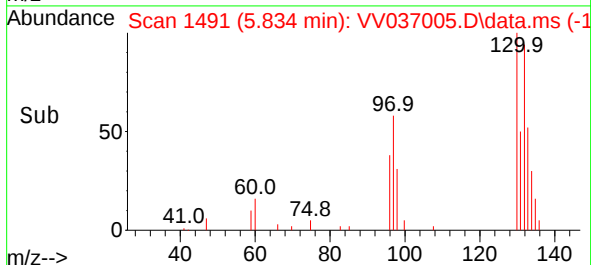
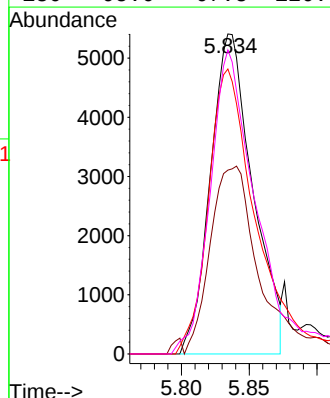
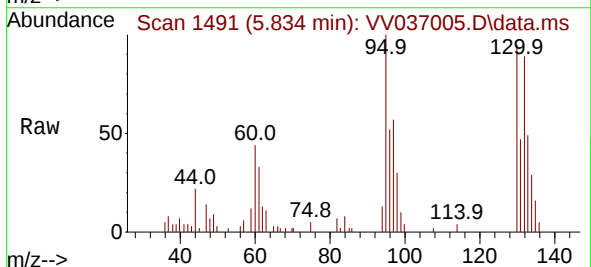
Ion Ratio Lower Upper

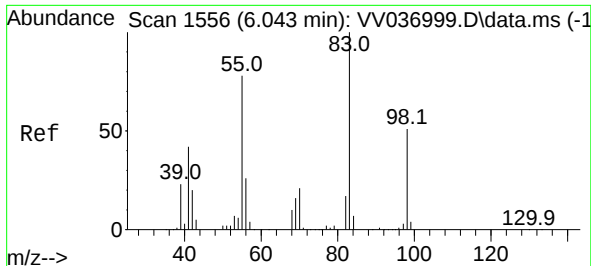
95 100

97 57.5 43.5 80.9

132 89.1 66.1 122.7

130 95.0 67.8 126.0





#35

Methylcyclohexane

Concen: 1.121 ug/L

RT: 6.040 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV037005.D

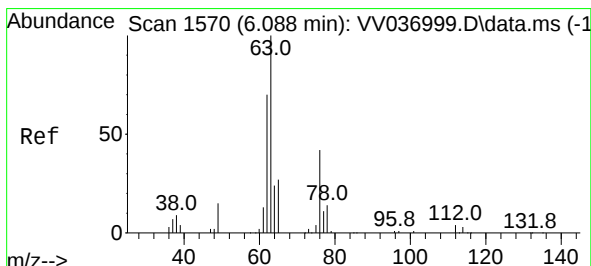
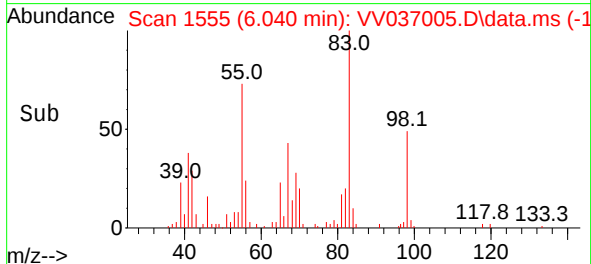
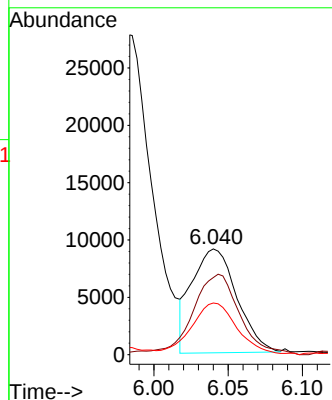
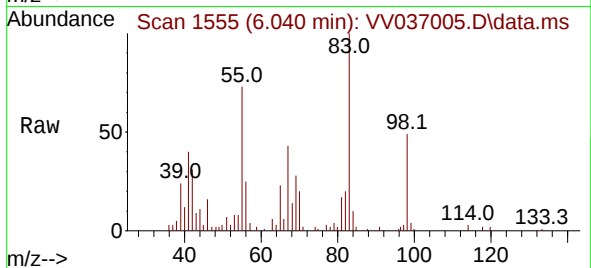
Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	19036
Ion Ratio	Lower	Upper	
83	100		
55	80.4	60.9	91.3
98	49.4	39.0	58.6



#37

1,2-Dichloropropane

Concen: 0.945 ug/L

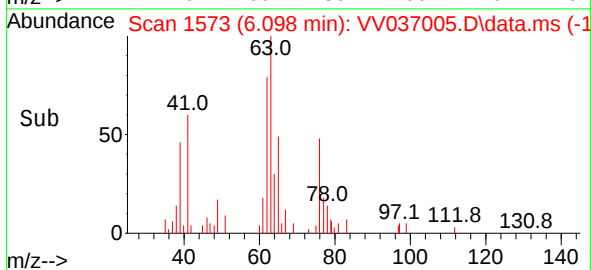
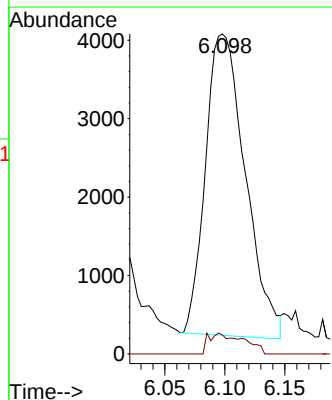
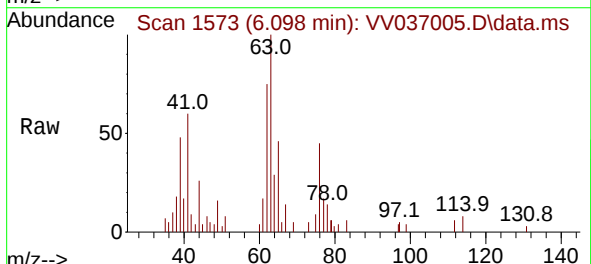
RT: 6.098 min Scan# 1573

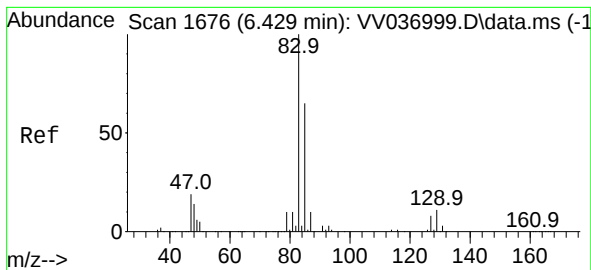
Delta R.T. 0.010 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Tgt Ion:	63	Resp:	8880
Ion Ratio	Lower	Upper	
63	100		
112	1.0	3.7	5.5#





#38

Bromodichloromethane

Concen: 0.972 ug/L

RT: 6.435 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

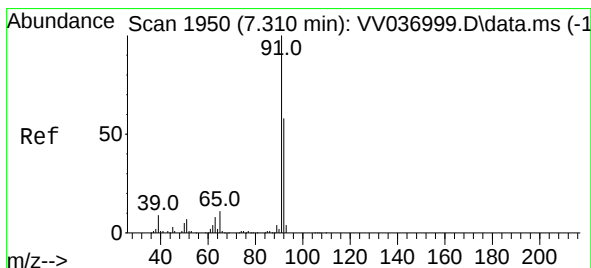
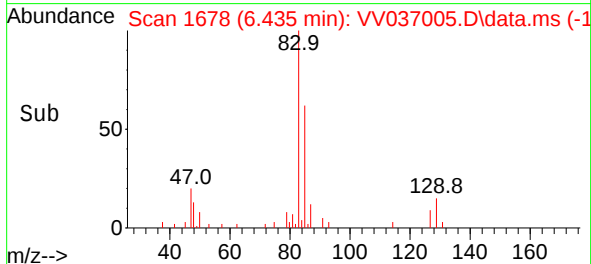
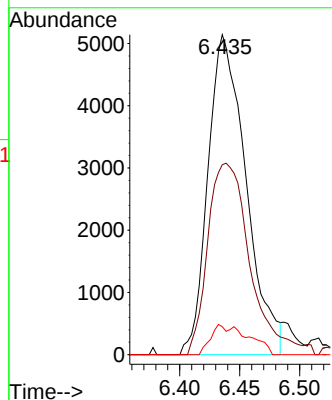
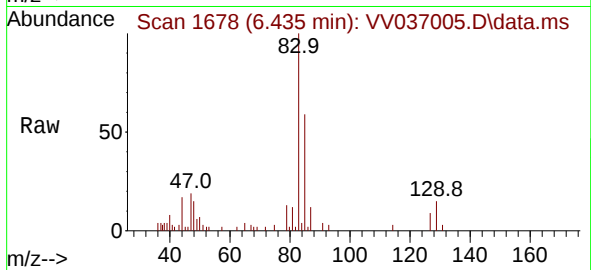
Tgt Ion: 83 Resp: 11346

Ion Ratio Lower Upper

83 100

85 59.4 45.6 84.6

127 8.7 6.5 9.7



#42

Toluene

Concen: 1.102 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.010 min

Lab File: VV037005.D

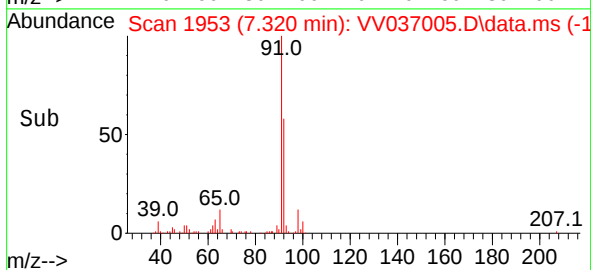
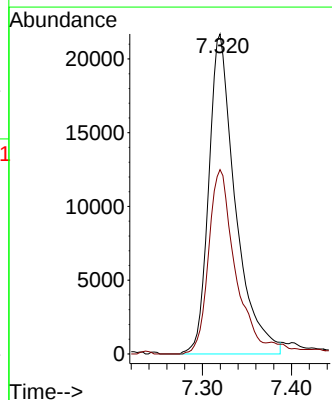
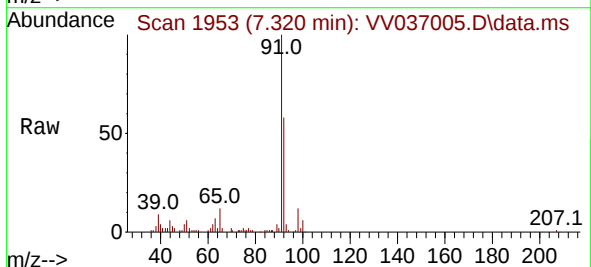
Acq: 22 Aug 2024 13:13

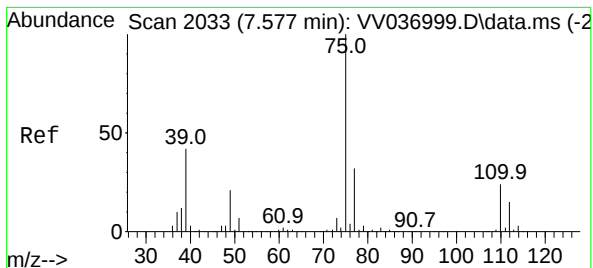
Tgt Ion: 91 Resp: 44923

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0





#44

trans-1,3-Dichloropropene

Concen: 0.818 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.019 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

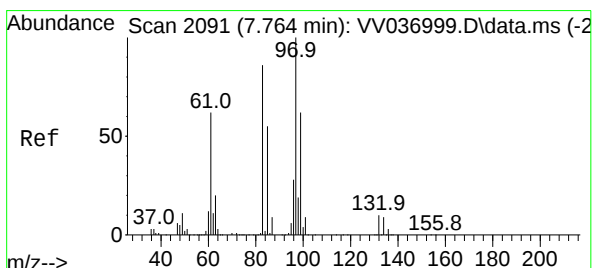
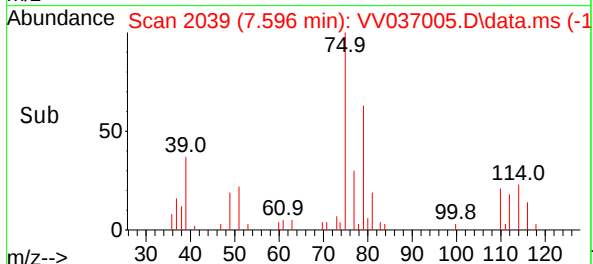
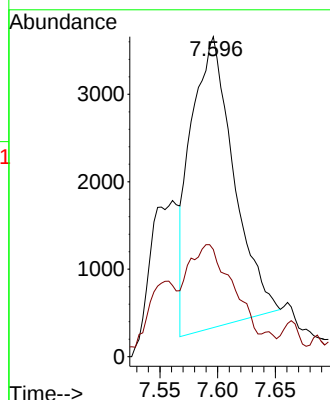
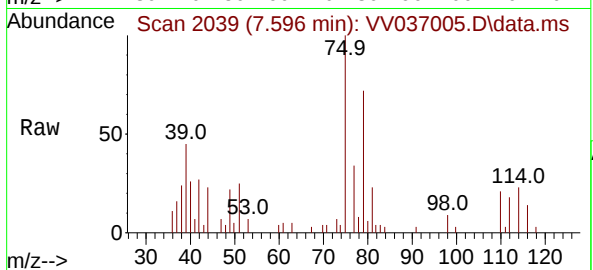
ClientSampleId :

Tgt Ion: 75 Resp: 8536

Ion Ratio Lower Upper

75 100

77 33.5 22.3 41.5



#45

1,1,2-Trichloroethane

Concen: 0.948 ug/L

RT: 7.779 min Scan# 2096

Delta R.T. 0.016 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Tgt Ion: 97 Resp: 5845

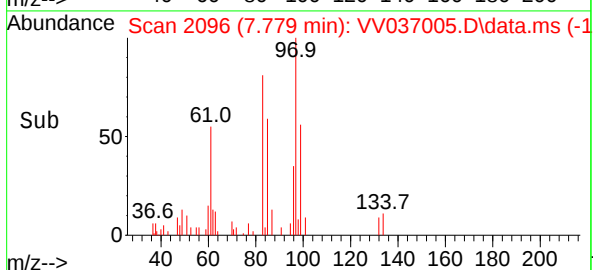
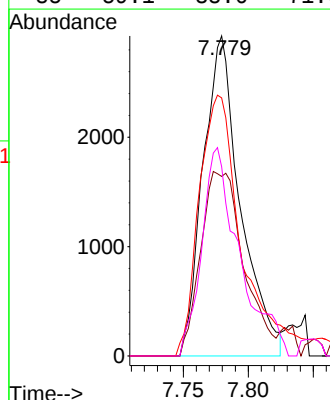
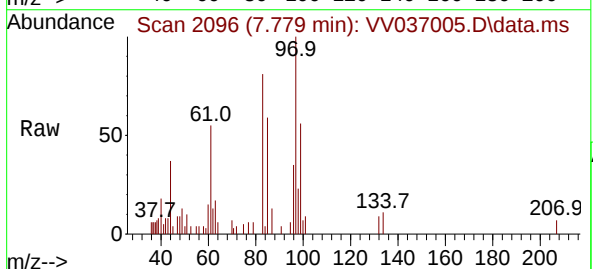
Ion Ratio Lower Upper

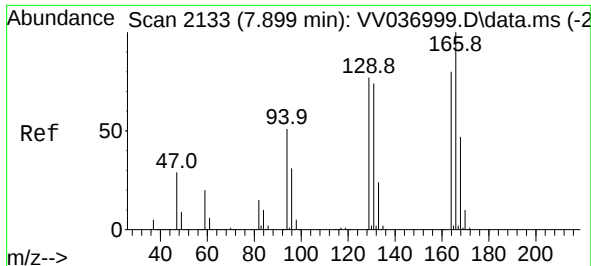
97 100

99 56.1 43.5 80.9

83 80.6 60.3 111.9

85 59.1 38.6 71.6





#46

Tetrachloroethene

Concen: 1.230 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.006 min

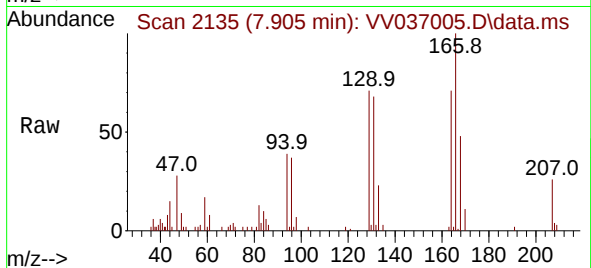
Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 9551

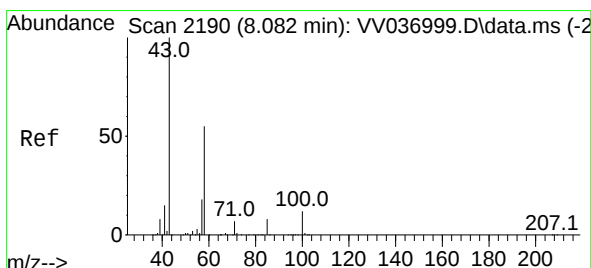
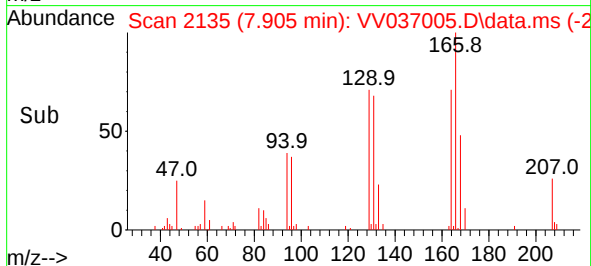
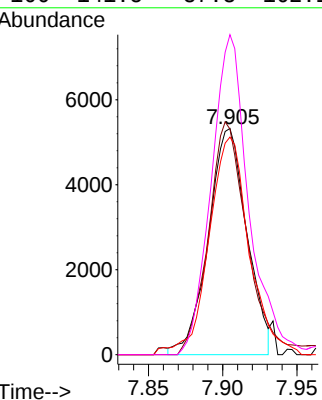
Ion Ratio Lower Upper

164 100

129 99.8 67.3 124.9

131 96.2 64.8 120.3

166 141.5 87.3 162.1



#48

2-Hexanone

Concen: 2.046 ug/L

RT: 8.101 min Scan# 2196

Delta R.T. 0.019 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Tgt Ion: 43 Resp: 6079

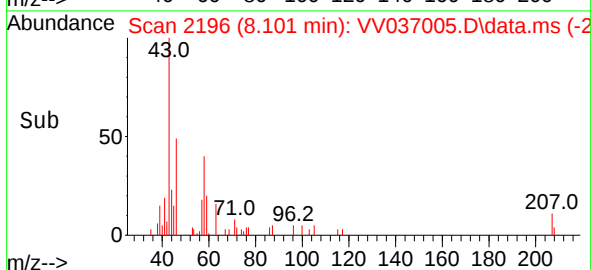
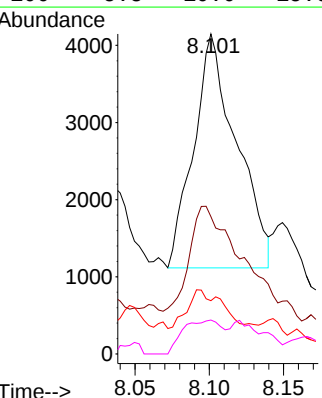
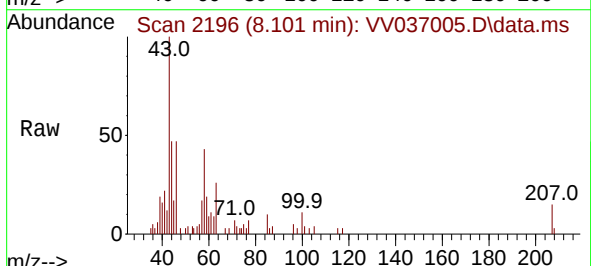
Ion Ratio Lower Upper

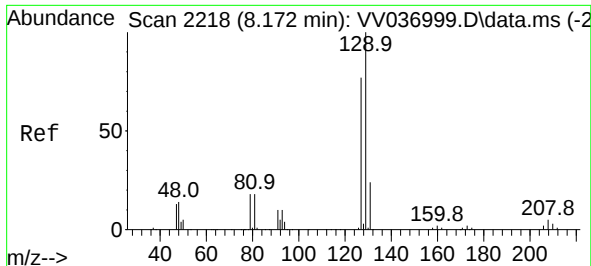
43 100

58 28.0 47.9 71.9#

57 8.4 15.1 22.7#

100 5.8 10.0 15.0#





#49

Dibromochloromethane

Concen: 0.938 ug/L

RT: 8.175 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

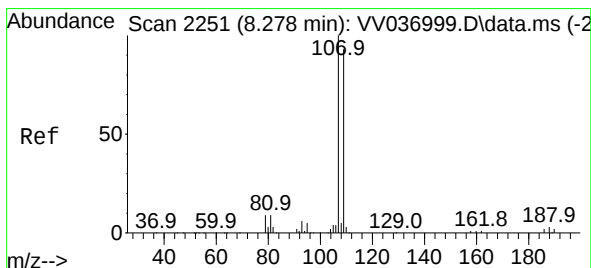
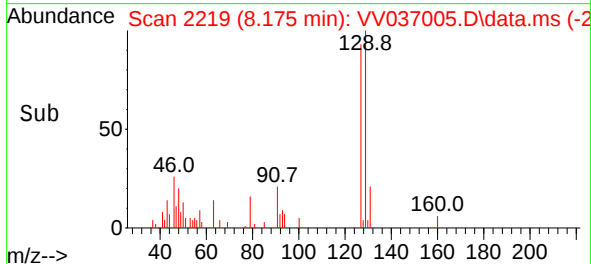
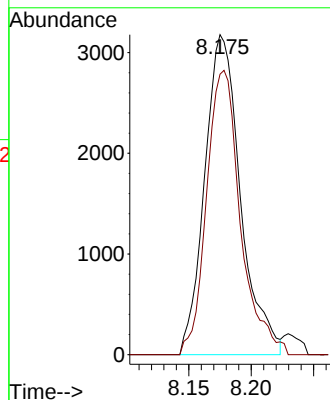
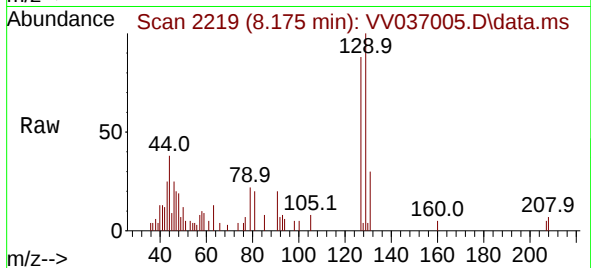
ClientSampleId :

Tgt Ion:129 Resp: 6361

Ion Ratio Lower Upper

129 100

127 87.6 53.5 99.5



#50

1,2-Dibromoethane

Concen: 0.964 ug/L

RT: 8.287 min Scan# 2254

Delta R.T. 0.009 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

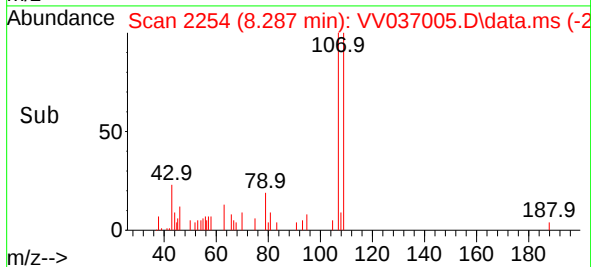
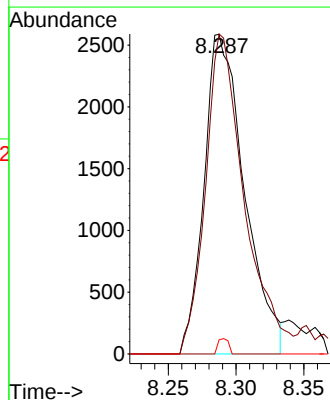
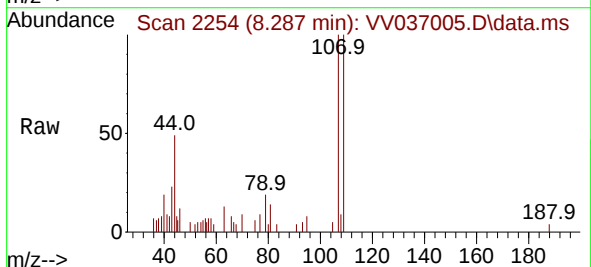
Tgt Ion:107 Resp: 5363

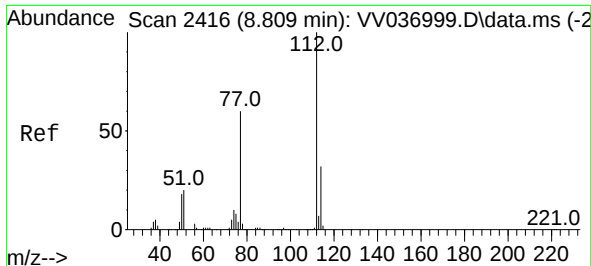
Ion Ratio Lower Upper

107 100

109 100.1 64.9 120.5

188 4.4 2.4 3.6#





#51

Chlorobenzene

Concen: 1.077 ug/L

RT: 8.812 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV037005.D

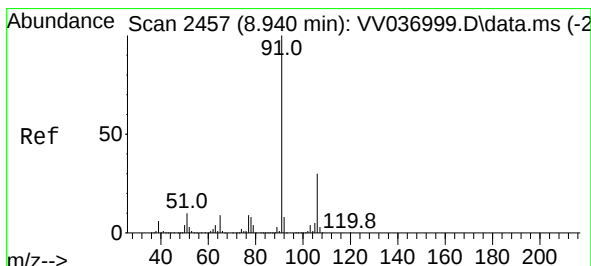
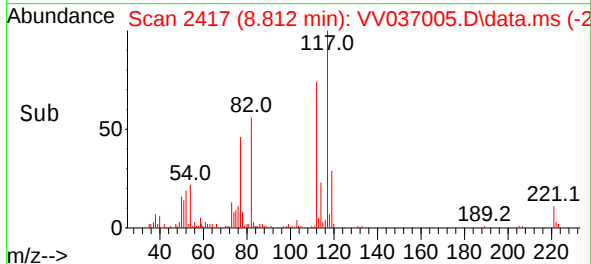
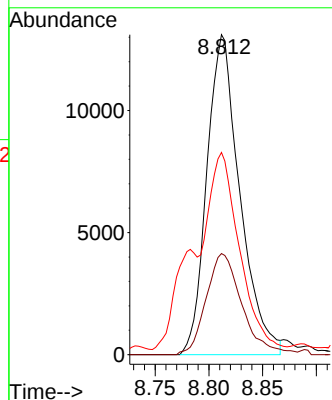
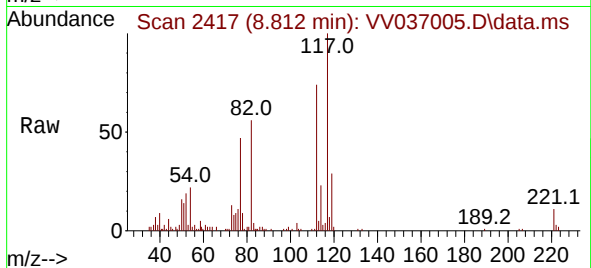
Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:112	Resp:	28020
Ion Ratio	Lower	Upper
112	100	
114	31.6	22.7 42.3
77	63.2	48.2 72.2



#52

Ethylbenzene

Concen: 1.030 ug/L

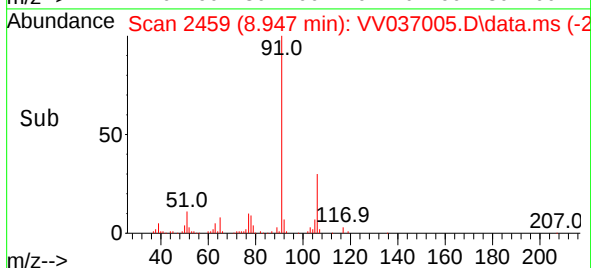
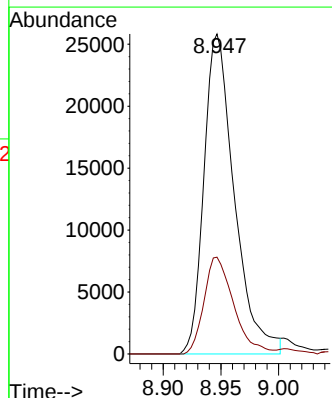
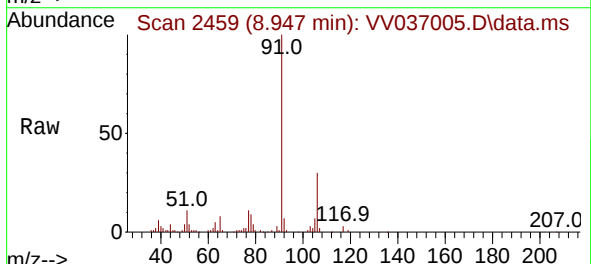
RT: 8.947 min Scan# 2459

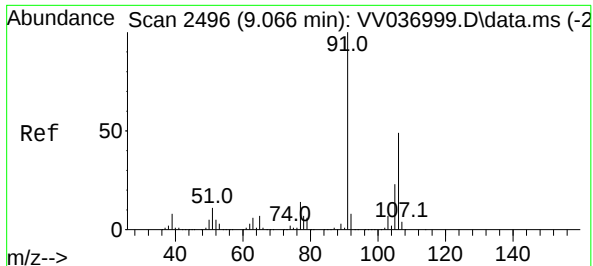
Delta R.T. 0.006 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Tgt Ion: 91	Resp:	47323
Ion Ratio	Lower	Upper
91	100	
106	30.2	21.3 39.5





#53

m,p-Xylene

Concen: 1.051 ug/L

RT: 9.075 min Scan# 2496

Delta R.T. 0.009 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

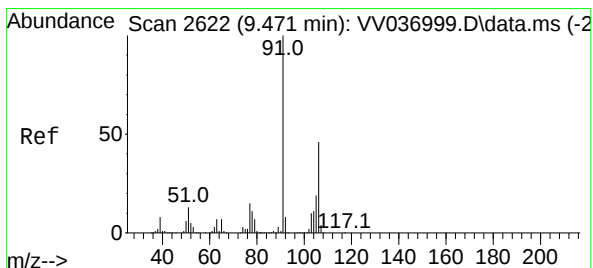
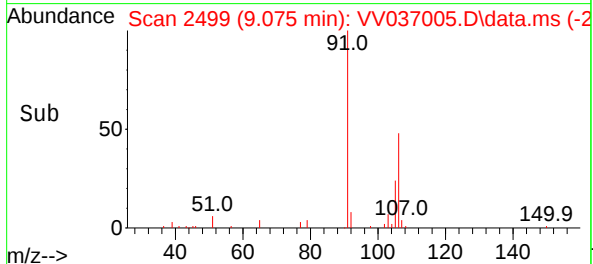
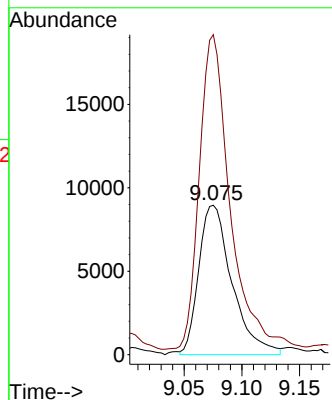
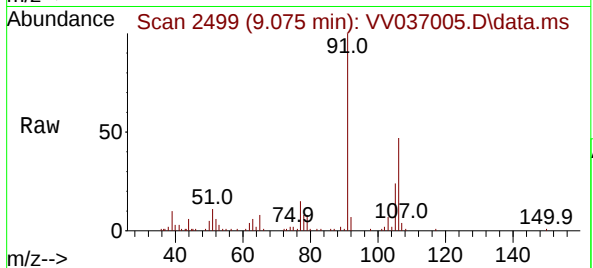
ClientSampleId :

Tgt Ion:106 Resp: 17946

Ion Ratio Lower Upper

106 100

91 214.2 142.4 264.4



#54

o-Xylene

Concen: 1.010 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.006 min

Lab File: VV037005.D

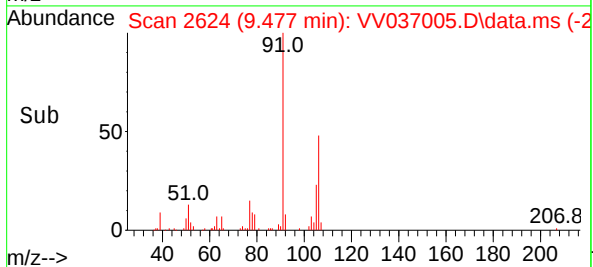
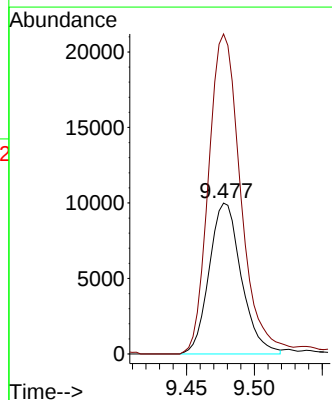
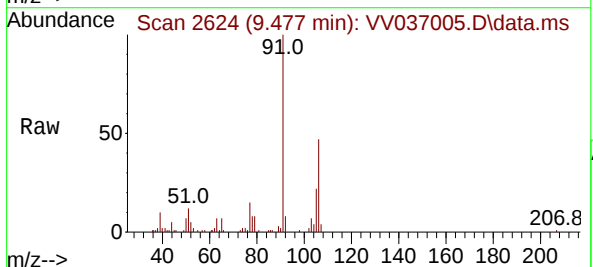
Acq: 22 Aug 2024 13:13

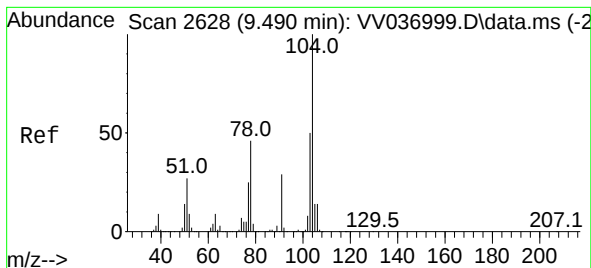
Tgt Ion:106 Resp: 16476

Ion Ratio Lower Upper

106 100

91 212.1 152.8 283.8





#55

Styrene

Concen: 0.865 ug/L

RT: 9.503 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

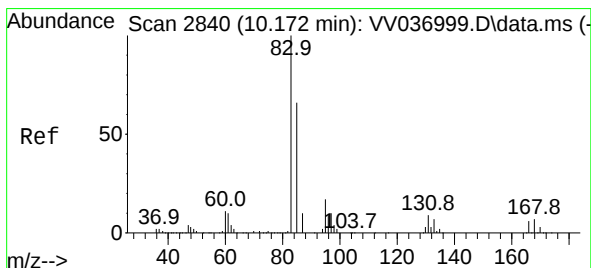
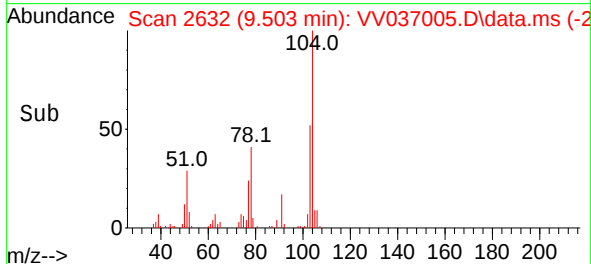
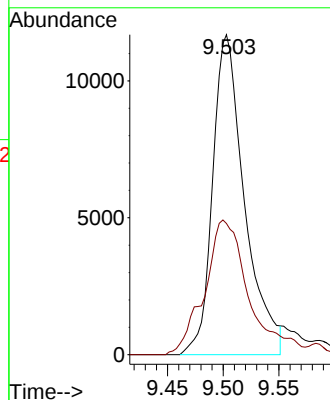
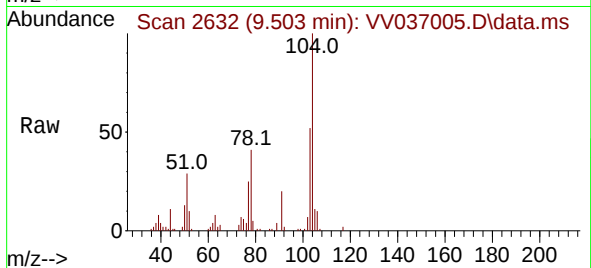
ClientSampleId :

Tgt Ion:104 Resp: 23268

Ion Ratio Lower Upper

104 100

78 41.0 31.9 59.2



#57

1,1,2,2-Tetrachloroethane

Concen: 1.096 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.003 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

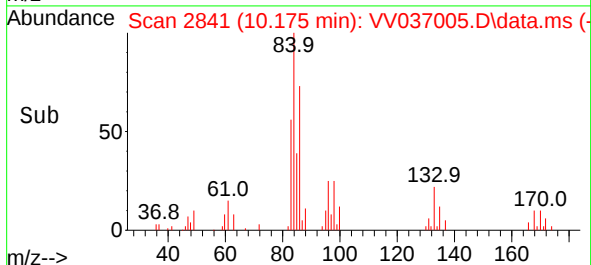
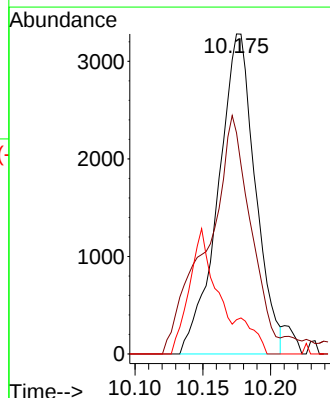
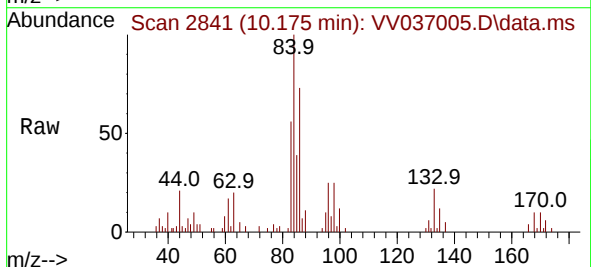
Tgt Ion: 83 Resp: 6258

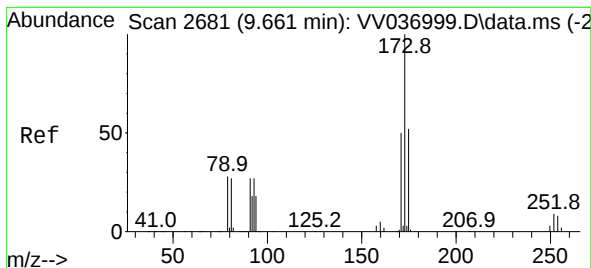
Ion Ratio Lower Upper

83 100

85 69.1 46.4 86.2

131 10.7 7.6 11.4





#59

Bromoform

Concen: 0.925 ug/L

RT: 9.667 min Scan# 2

Delta R.T. 0.006 min

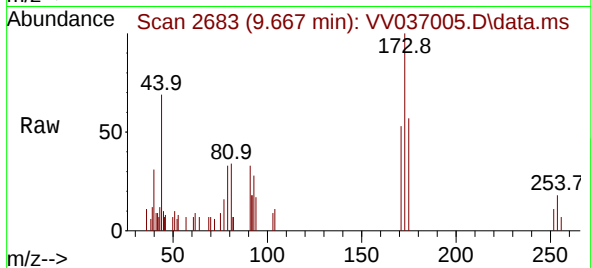
Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :



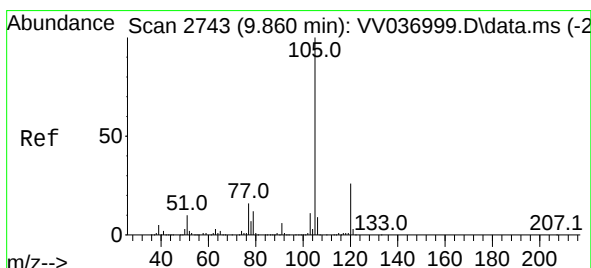
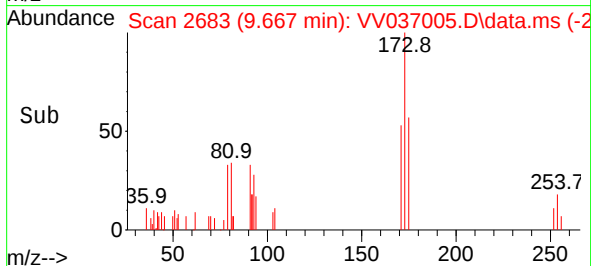
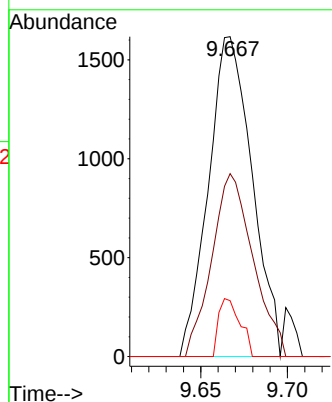
Tgt Ion:173 Resp: 2827

Ion Ratio Lower Upper

173 100

175 54.2 40.1 60.1

254 8.9 6.2 9.4



#60

Isopropylbenzene

Concen: 1.066 ug/L

RT: 9.866 min Scan# 2745

Delta R.T. 0.006 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

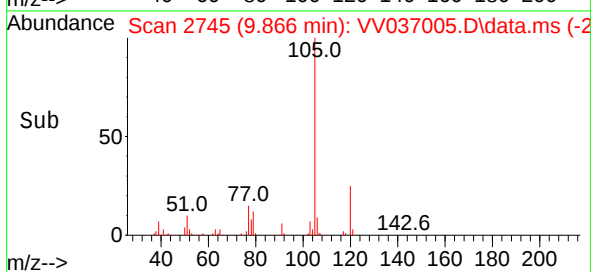
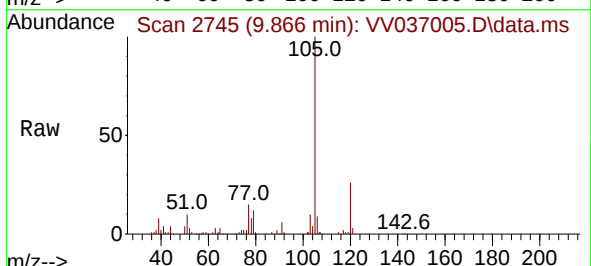
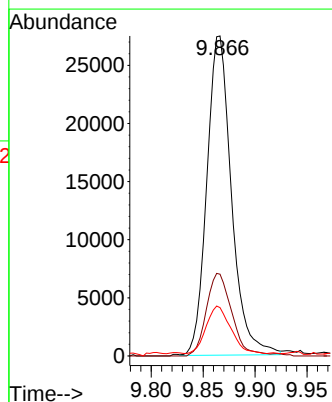
Tgt Ion:105 Resp: 45377

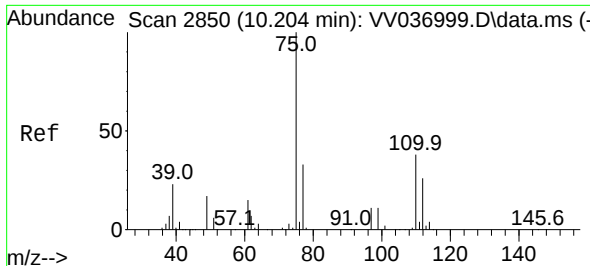
Ion Ratio Lower Upper

105 100

120 26.6 20.8 31.2

77 14.8 12.6 19.0





#61

1,2,3-Trichloropropane

Concen: 0.961 ug/L

RT: 10.210 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV037005.D

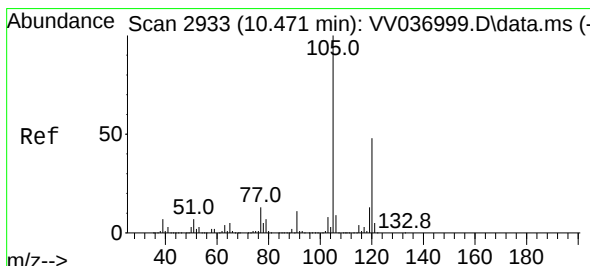
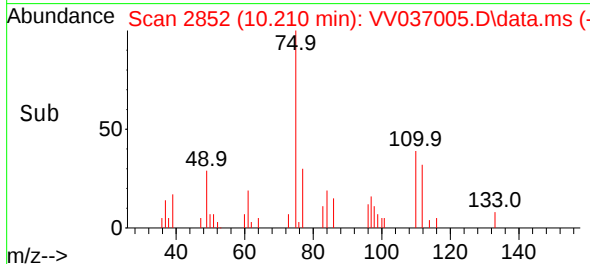
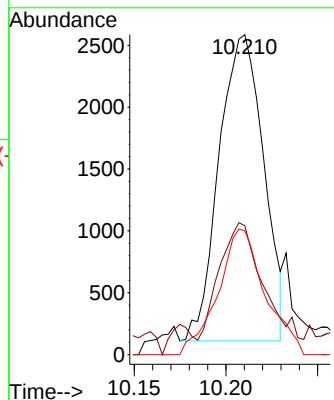
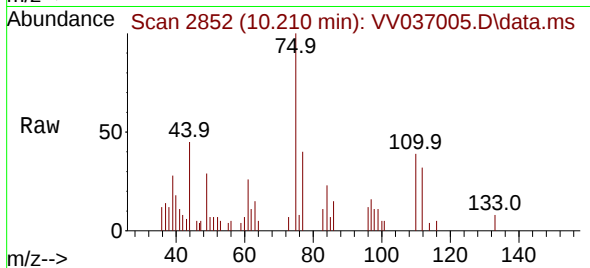
Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 75	Resp: 4181
Ion Ratio	Lower Upper
75	100
77	38.1 25.5 38.3
110	43.3 31.0 46.4



#62

1,3,5-Trimethylbenzene

Concen: 1.083 ug/L

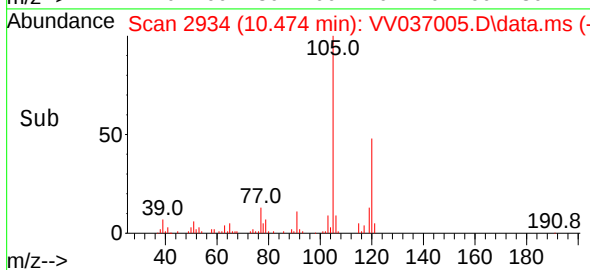
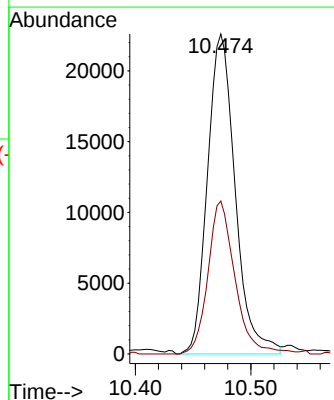
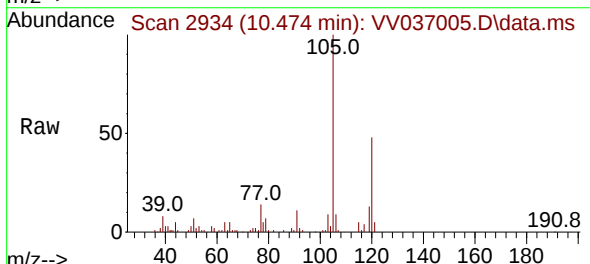
RT: 10.474 min Scan# 2934

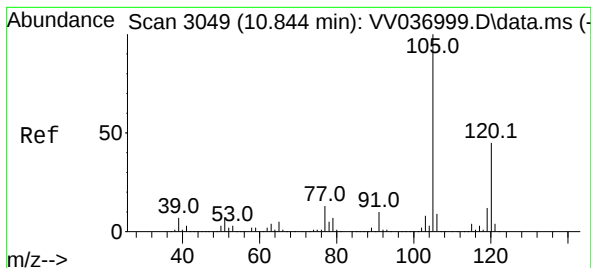
Delta R.T. 0.003 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Tgt Ion: 105	Resp: 37718
Ion Ratio	Lower Upper
105	100
120	46.5 38.4 57.6





#63

1,2,4-Trimethylbenzene

Concen: 0.988 ug/L

RT: 10.850 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

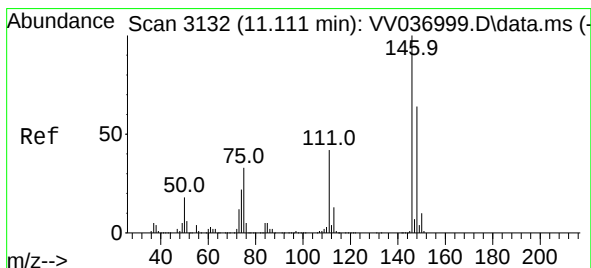
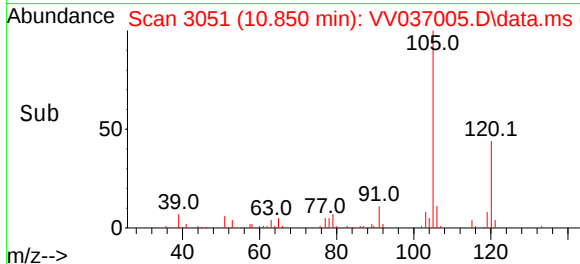
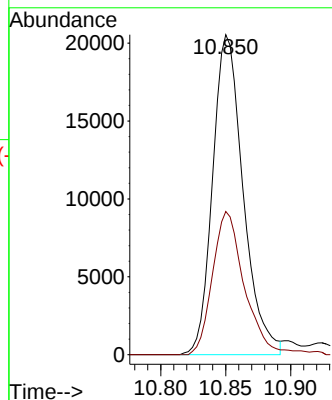
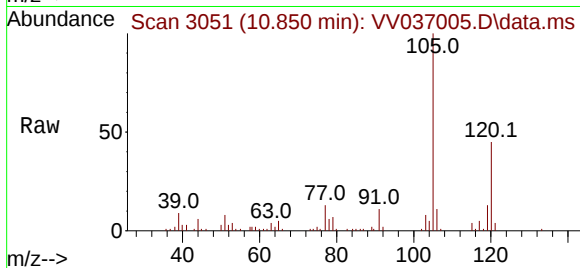
ClientSampleId :

Tgt Ion:105 Resp: 33560

Ion Ratio Lower Upper

105 100

120 46.3 36.2 54.2



#64

1,3-Dichlorobenzene

Concen: 1.132 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.006 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

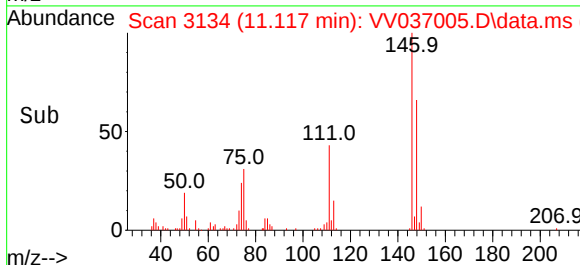
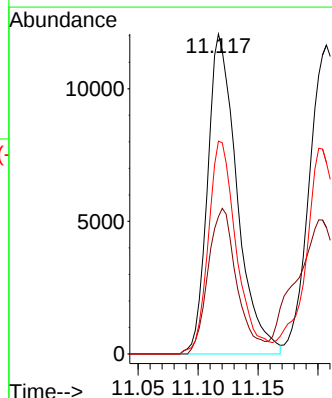
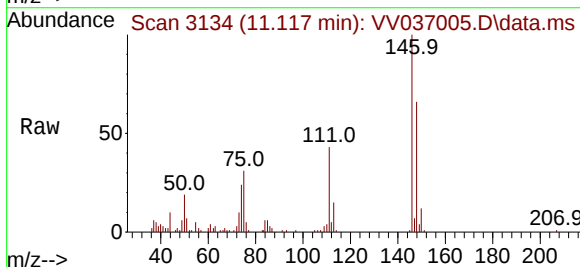
Tgt Ion:146 Resp: 20585

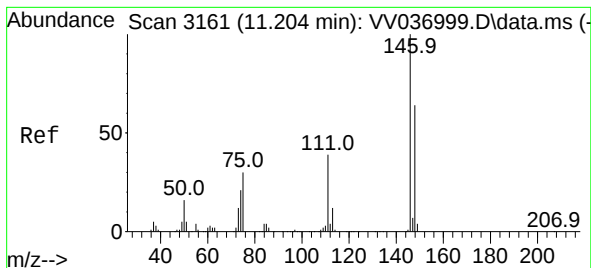
Ion Ratio Lower Upper

146 100

111 42.9 29.5 54.9

148 66.5 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 1.184 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

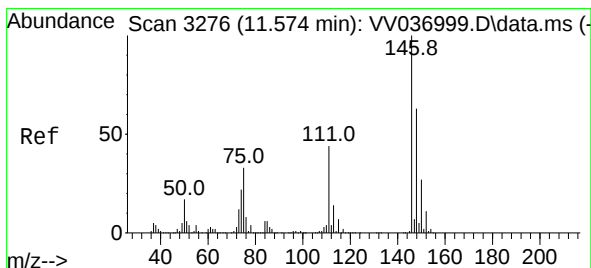
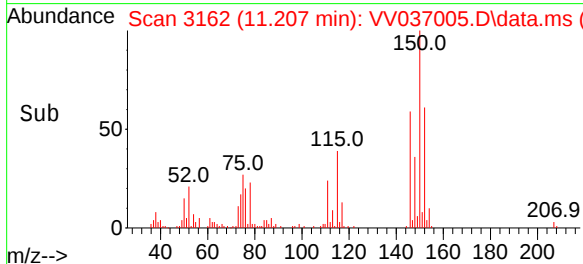
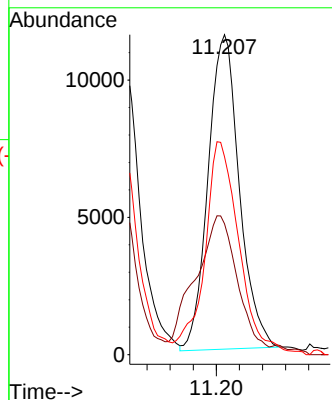
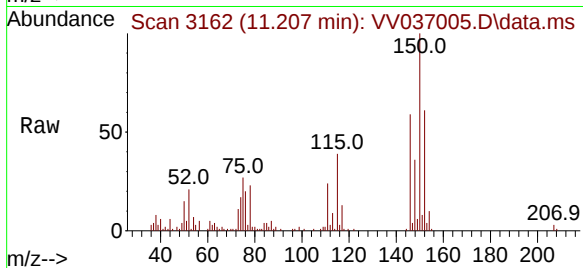
Tgt Ion:146 Resp: 21507

Ion Ratio Lower Upper

146 100

111 40.9 27.6 51.4

148 61.9 44.9 83.3



#67

1,2-Dichlorobenzene

Concen: 1.173 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. -0.000 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

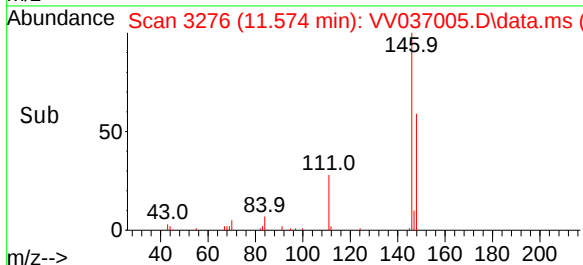
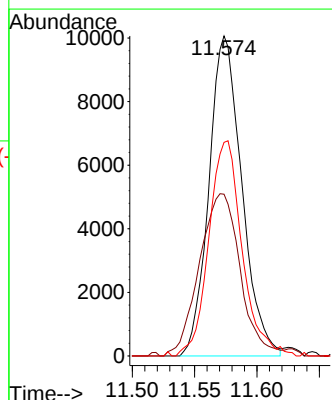
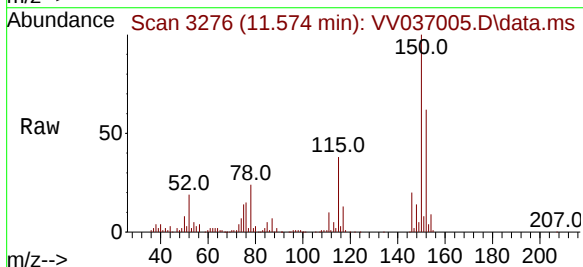
Tgt Ion:146 Resp: 18488

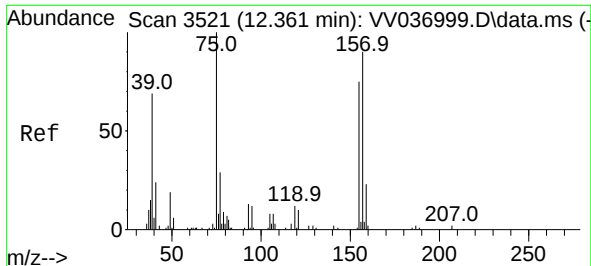
Ion Ratio Lower Upper

146 100

111 50.6 35.4 53.0

148 66.8 50.8 76.2





#68

1,2-Dibromo-3-chloropropane

Concen: 1.206 ug/L

RT: 12.188 min Scan# 3467

Delta R.T. -0.174 min

Lab File: VV037005.D

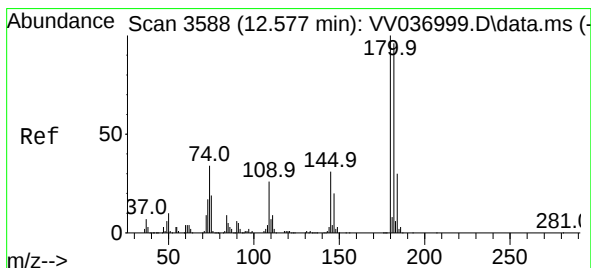
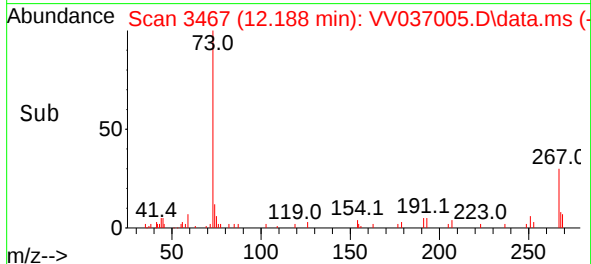
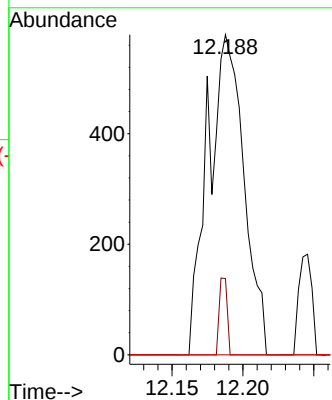
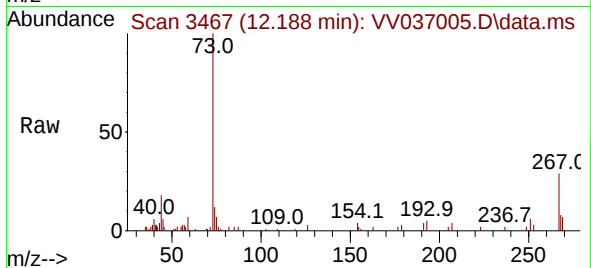
Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	75	Resp:	1026
Ion Ratio	Lower	Upper	
75	100		
155	23.8	59.9	89.9#
157	0.0	72.2	108.2#



#69

1,3,5-Trichlorobenzene

Concen: 1.148 ug/L

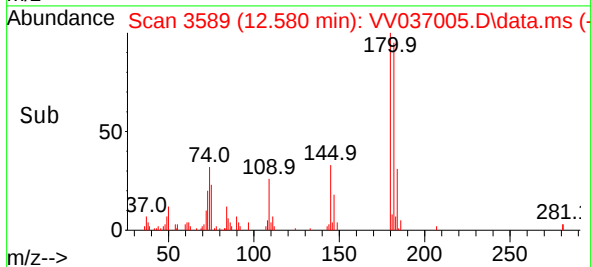
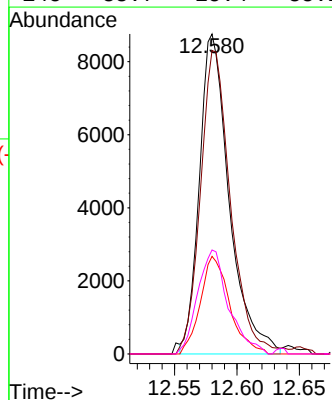
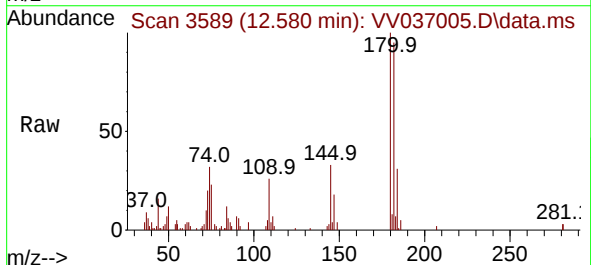
RT: 12.580 min Scan# 3589

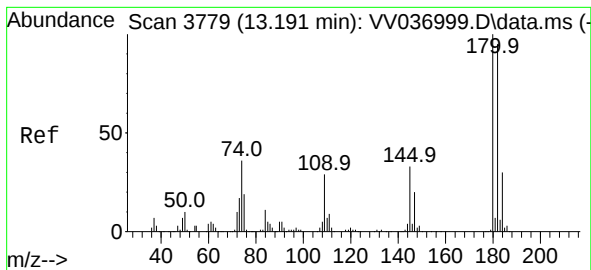
Delta R.T. 0.003 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Tgt Ion:	180	Resp:	14552
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.4	114.6
184	30.1	24.2	36.4
145	33.7	25.4	38.2





#70

1,2,4-trichlorobenzene

Concen: 1.131 ug/L

RT: 13.200 min Scan# 31

Delta R.T. 0.009 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :

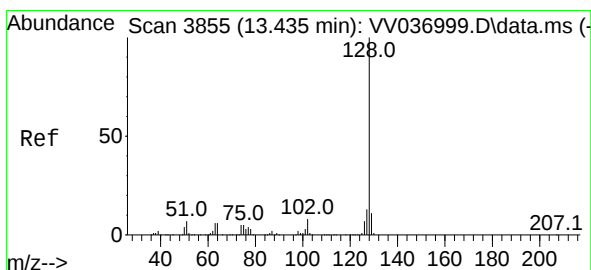
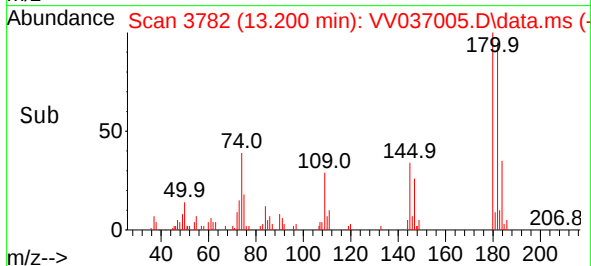
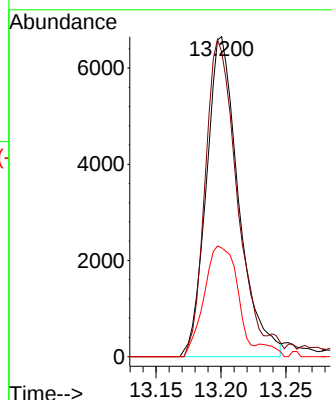
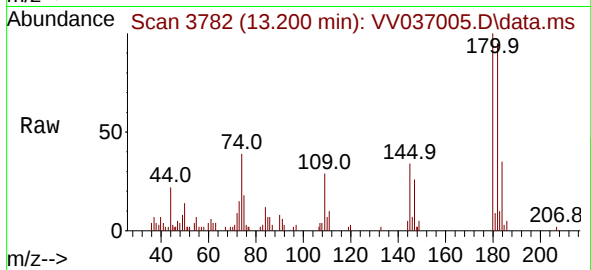
Tgt Ion:180 Resp: 11466

Ion Ratio Lower Upper

180 100

182 97.1 76.0 114.0

145 35.7 25.8 38.6



#71

Naphthalene

Concen: 1.319 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.006 min

Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

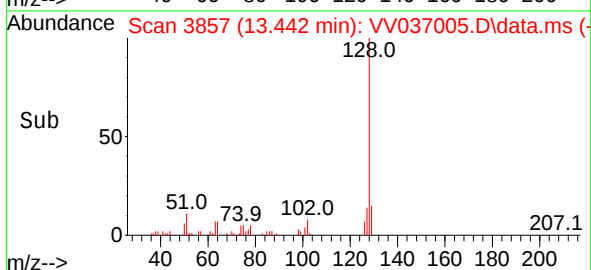
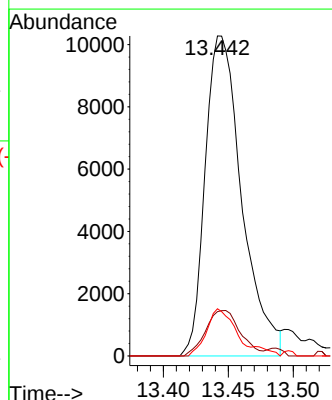
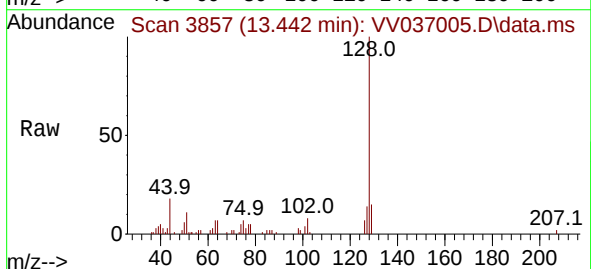
Tgt Ion:128 Resp: 20151

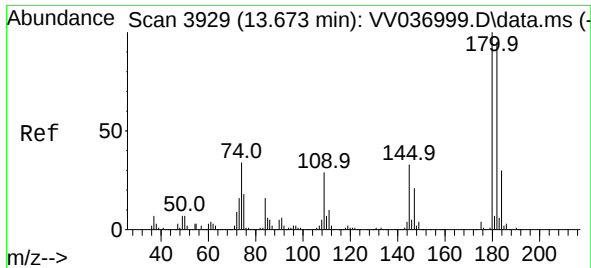
Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 11.3 8.6 13.0





#72

1,2,3-Trichlorobenzene

Concen: 1.191 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.006 min

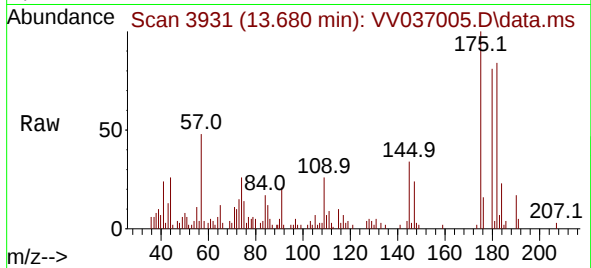
Lab File: VV037005.D

Acq: 22 Aug 2024 13:13

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 9999

Ion Ratio Lower Upper

180 100

182 97.6 76.2 114.4

145 36.1 26.6 40.0

