

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037195.D
 Acq On : 04 Sep 2024 12:29
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 01:32:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 01:30:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	566984	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	544445	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	270793	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	240276	23.658	ug/L	0.00
7) Chloroethane-d5	1.532	69	197268	25.022	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	114879	25.146	ug/L	0.00
21) 2-Butanone-d5	3.831	46	114154	56.101	ug/L	0.00
24) Chloroform-d	4.243	84	464205	26.608	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	238882	26.994	ug/L	0.00
32) Benzene-d6	4.953	84	942336	27.391	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	286935	26.922	ug/L	0.00
41) Toluene-d8	7.236	98	856057	27.515	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	111073	27.074	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	79000	59.259	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	225403	27.514	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	290324	27.466	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	132186	16.936	ug/L	100
3) Chloromethane	1.214	50	151531	16.245	ug/L	99
5) Vinyl chloride	1.281	62	149643	16.311	ug/L	97
6) Bromomethane	1.487	94	84903	15.998	ug/L	97
8) Chloroethane	1.548	64	95086	16.850	ug/L	98
9) Trichlorofluoromethane	1.712	101	201827	16.118	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	126120	16.122	ug/L	100
12) 1,1-Dichloroethene	2.069	96	116599	16.362	ug/L	88
13) Acetone	2.159	43	84373	31.267	ug/L	92
14) Carbon disulfide	2.236	76	376834	16.110	ug/L	99
15) Methyl Acetate	2.384	43	63847	16.445	ug/L	97
16) Methylene chloride	2.442	84	144018	13.859	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	127624	16.416	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	301196	16.550	ug/L	99
19) 1,1-Dichloroethane	3.105	63	242280	16.277	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	133506	16.268	ug/L	98
22) 2-Butanone	3.786	43	94	0.042	ug/L	96
23) Bromochloromethane	4.143	128	58713	16.052	ug/L	98
25) Chloroform	4.272	83	237621	16.444	ug/L	98
27) 1,2-Dichloroethane	5.040	62	148352	16.196	ug/L	95
29) Cyclohexane	4.574	56	197884	16.109	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	195142	16.139	ug/L	98
31) Carbon tetrachloride	4.725	117	164972	16.138	ug/L	98
33) Benzene	5.005	78	512801	16.787	ug/L	100
34) Trichloroethene	5.828	95	137794	16.573	ug/L	98
35) Methylcyclohexane	6.043	83	217557	16.059	ug/L	99
37) 1,2-Dichloropropane	6.088	63	126848	16.015	ug/L	99
38) Bromodichloromethane	6.429	83	164804	16.481	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	187197	15.965	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	139521	31.583	ug/L	98
42) Toluene	7.310	91	527924	16.423	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	160383	16.833	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037195.D
 Acq On : 04 Sep 2024 12:29
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 01:32:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 01:30:05 2024
 Response via : Initial Calibration

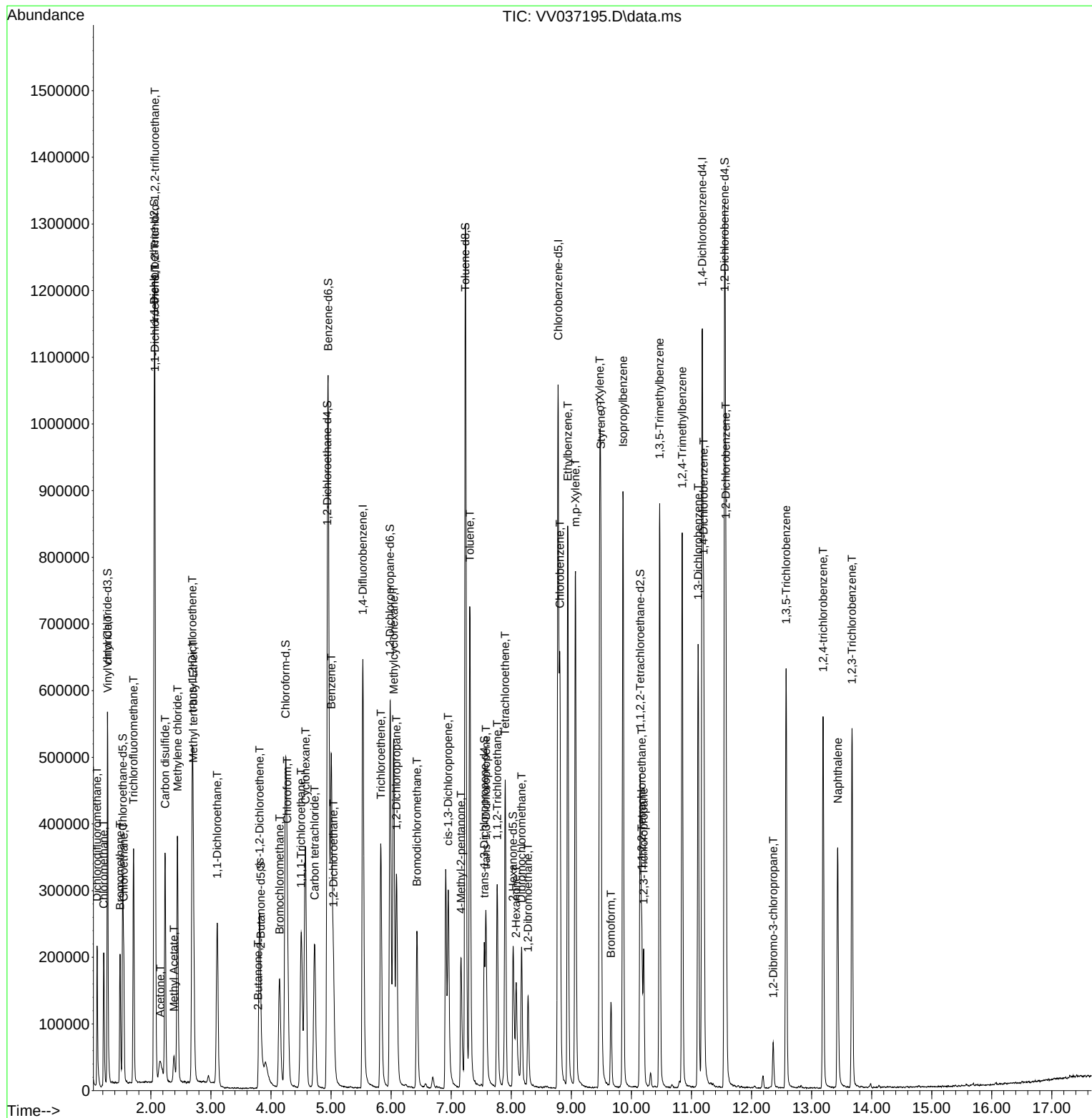
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	97243	16.291	ug/L	99
46) Tetrachloroethene	7.899	164	97163	15.899	ug/L	99
48) 2-Hexanone	8.082	43	109849	33.222	ug/L	97
49) Dibromochloromethane	8.172	129	102117	16.441	ug/L	97
50) 1,2-Dibromoethane	8.278	107	93025	16.311	ug/L	98
51) Chlorobenzene	8.808	112	345445	16.421	ug/L	99
52) Ethylbenzene	8.940	91	584211	16.229	ug/L	99
53) m,p-Xylene	9.069	106	218435	16.355	ug/L	97
54) o-Xylene	9.474	106	211295	16.423	ug/L	100
55) Styrene	9.490	104	359180	16.615	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	116275	16.346	ug/L	99
59) Bromoform	9.661	173	54495	15.850	ug/L	99
60) Isopropylbenzene	9.860	105	577520	16.423	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	81655	16.364	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	456287	16.338	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	452256	16.328	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	261336	16.299	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	264846	16.202	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	241313	16.226	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	16251	14.431	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.577	180	182501	16.042	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	156004	15.534	ug/L	97
71) Naphthalene	13.435	128	297281	15.173	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	145762	15.805	ug/L	98

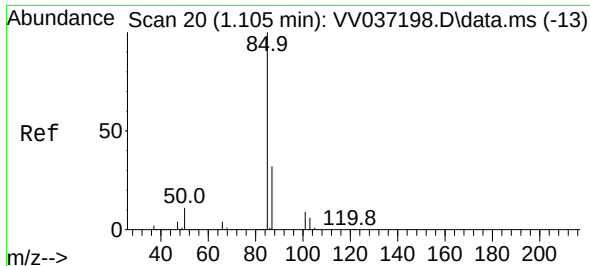
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
Data File : VV037195.D
Acq On : 04 Sep 2024 12:29
Operator : SY/MD
Sample : VSTD025
Misc : 5.00g/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 05 01:32:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 05 01:30:05 2024
Response via : Initial Calibration

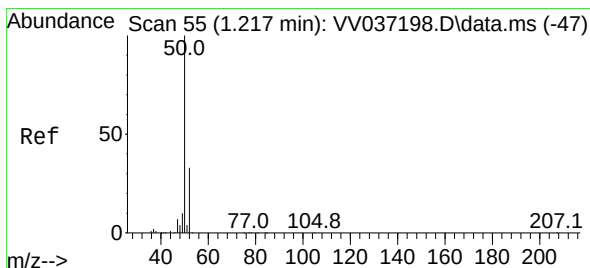
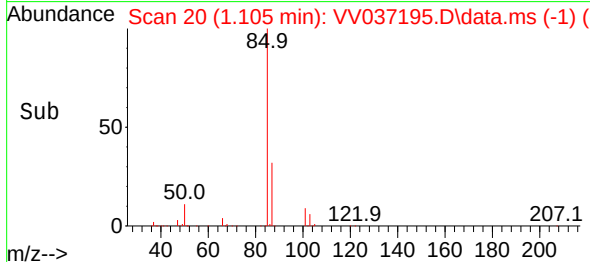
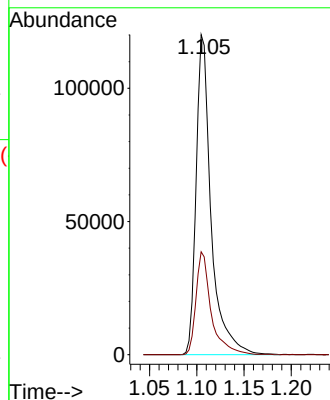
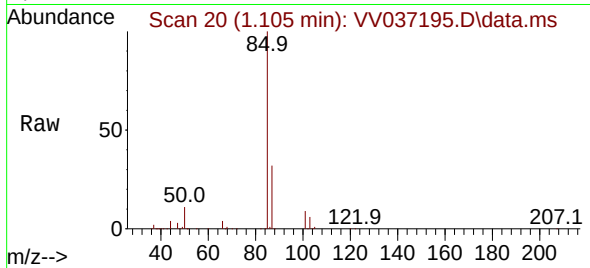




#2
Dichlorodifluoromethane
Concen: 16.936 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

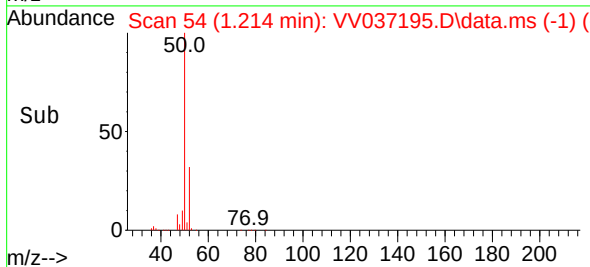
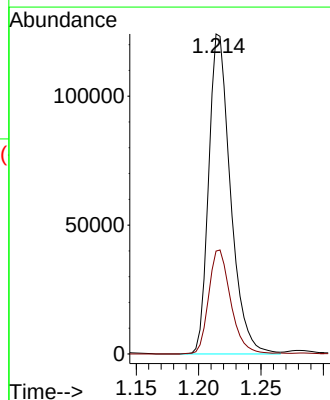
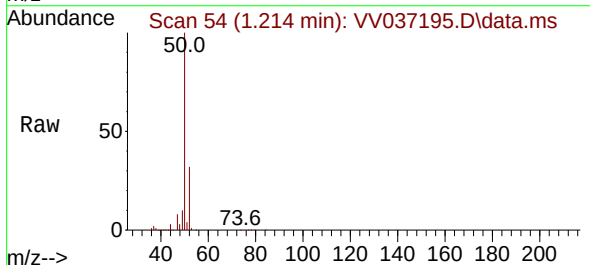
Instrument :
MSVOA_V
ClientSampleId :

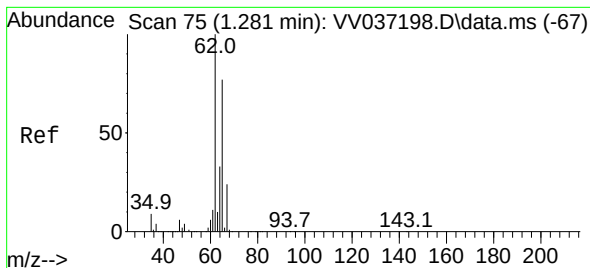
Tgt Ion: 85 Resp: 132186
Ion Ratio Lower Upper
85 100
87 32.7 26.1 39.1



#3
Chloromethane
Concen: 16.245 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion: 50 Resp: 151531
Ion Ratio Lower Upper
50 100
52 32.2 22.9 42.5





#5

Vinyl chloride

Concen: 16.311 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

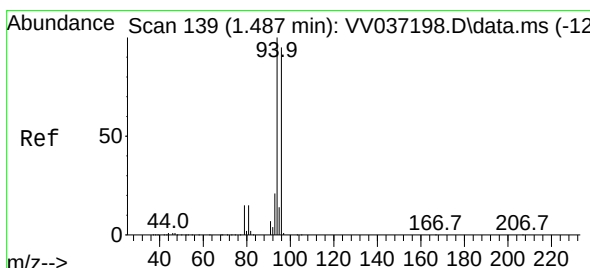
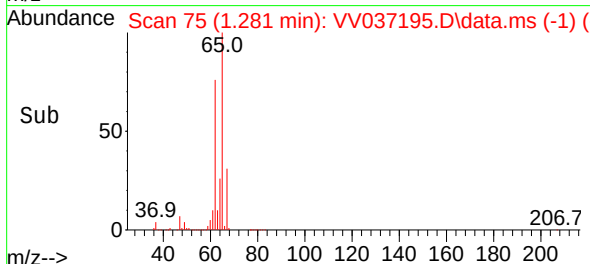
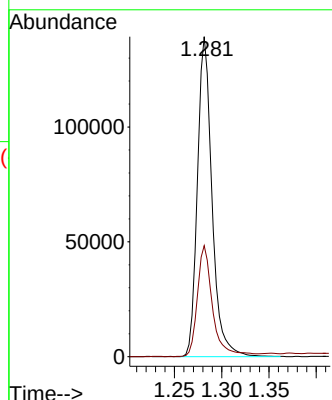
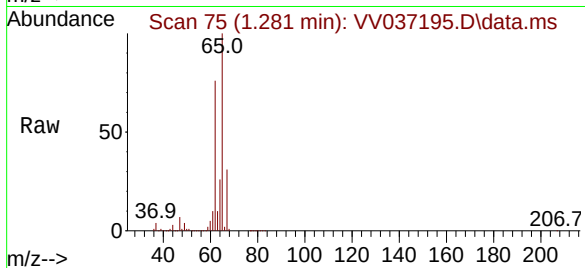
ClientSampleId :

Tgt Ion: 62 Resp: 149643

Ion Ratio Lower Upper

62 100

64 34.7 23.2 43.2



#6

Bromomethane

Concen: 15.998 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037195.D

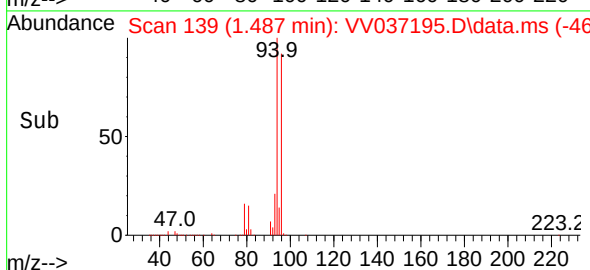
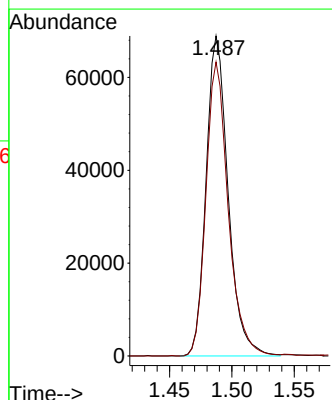
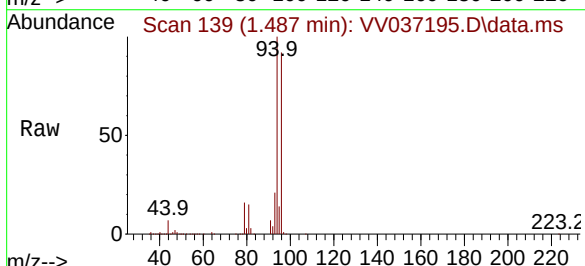
Acq: 04 Sep 2024 12:29

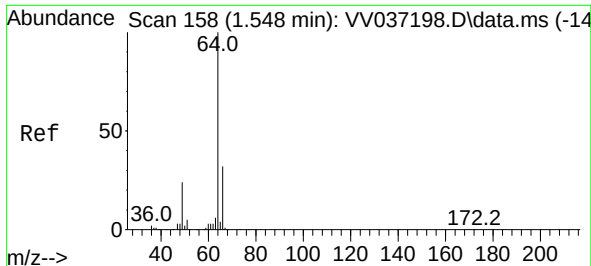
Tgt Ion: 94 Resp: 84903

Ion Ratio Lower Upper

94 100

96 91.8 66.6 123.6

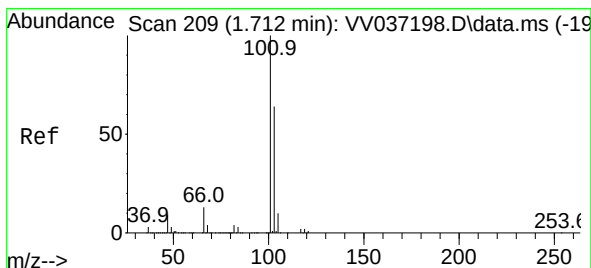
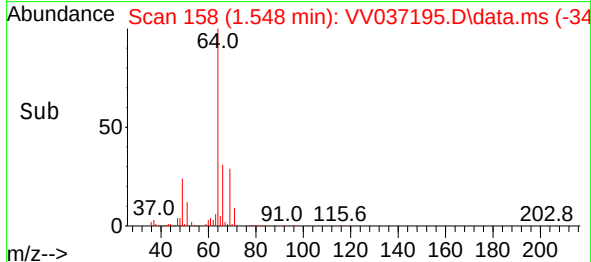
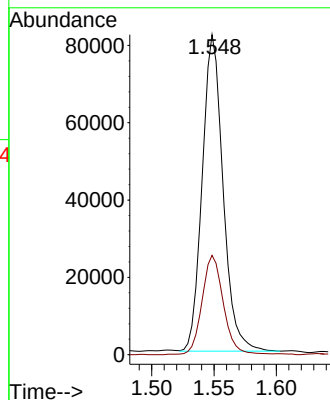
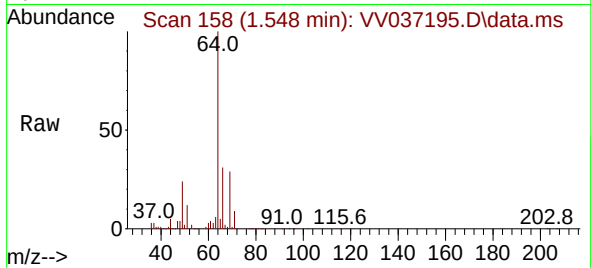




#8
Chloroethane
Concen: 16.850 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

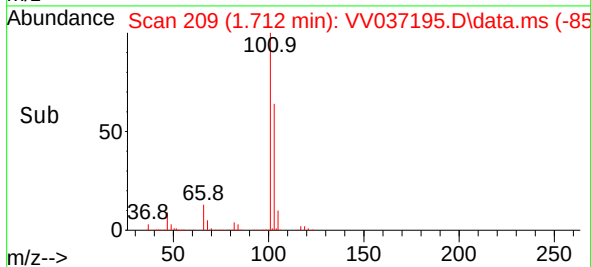
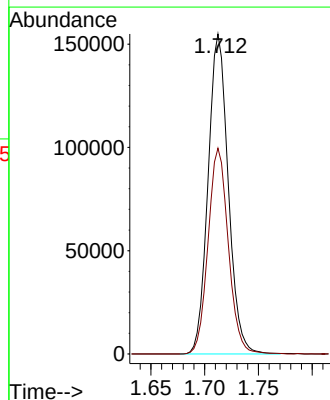
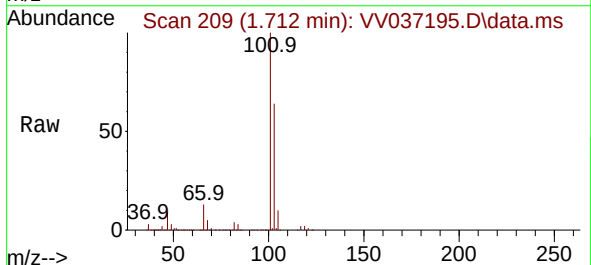
Instrument :
MSVOA_V
ClientSampleId :

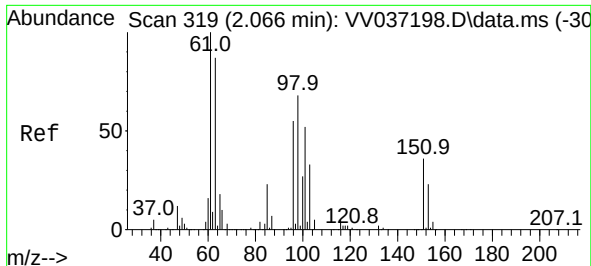
Tgt Ion: 64 Resp: 95086
Ion Ratio Lower Upper
64 100
66 31.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 16.118 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion:101 Resp: 201827
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

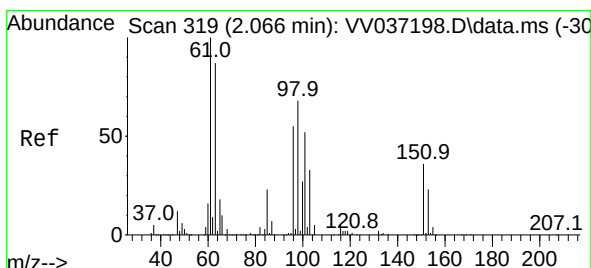
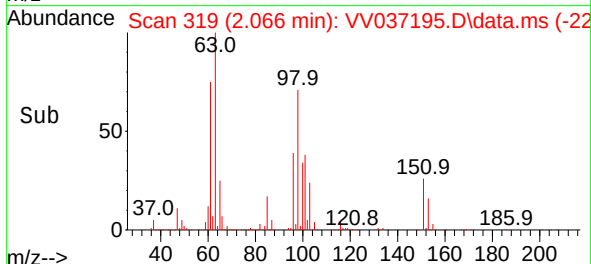
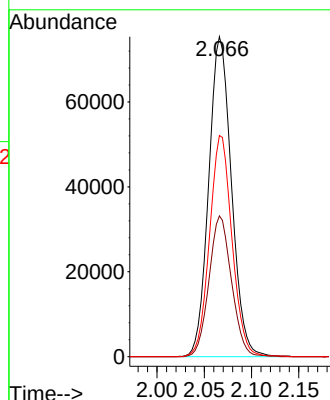
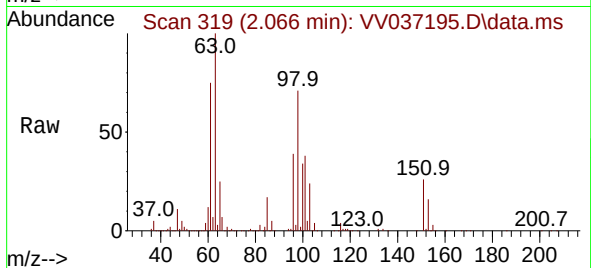




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 16.122 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

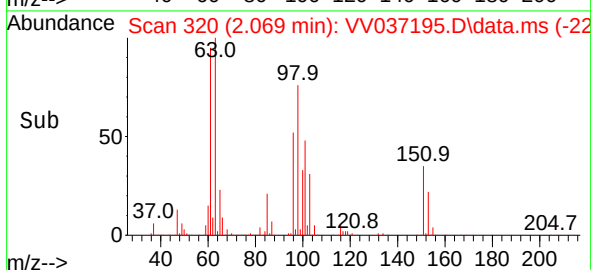
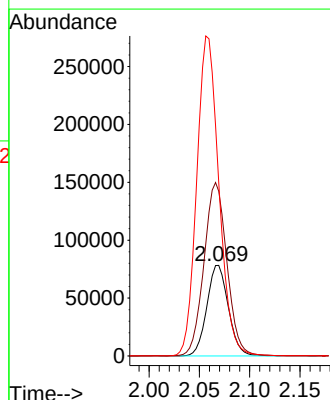
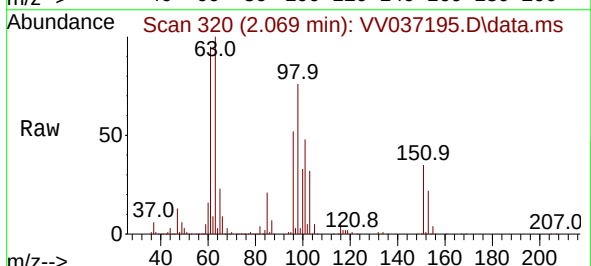
Instrument :
MSVOA_V
ClientSampleId :

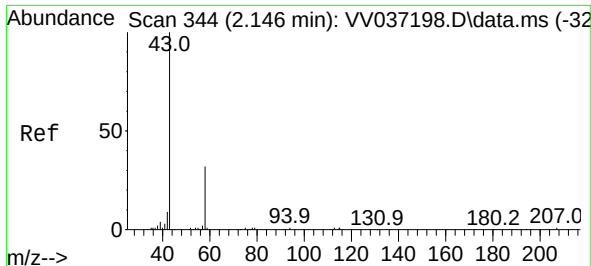
Tgt Ion:101 Resp: 126120
Ion Ratio Lower Upper
101 100
85 43.6 34.7 52.1
151 68.2 54.3 81.5



#12
1,1-Dichloroethene
Concen: 16.362 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion: 96 Resp: 116599
Ion Ratio Lower Upper
96 100
61 181.8 126.8 235.6
63 191.2 110.4 205.0

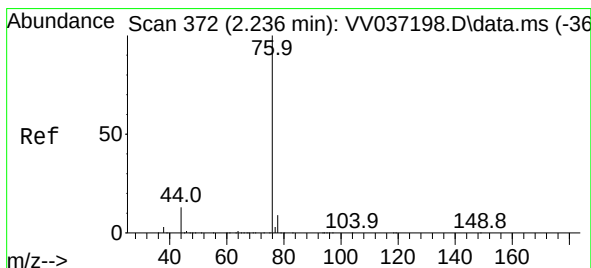
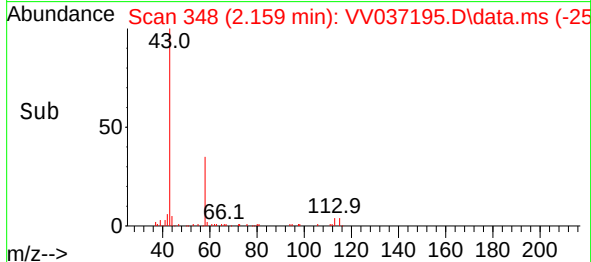
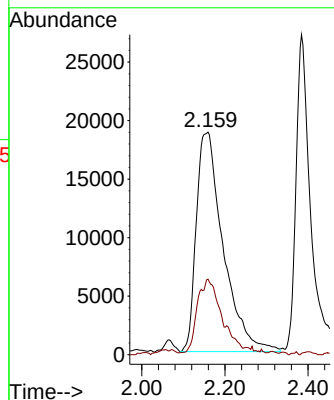
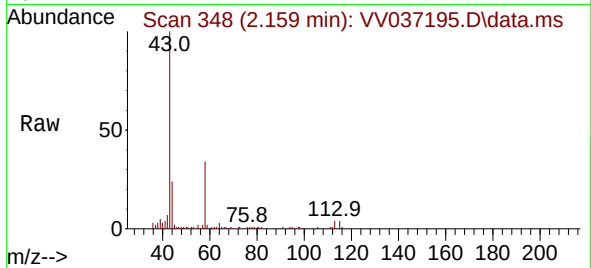




#13
Acetone
Concen: 31.267 ug/L
RT: 2.159 min Scan# 344
Delta R.T. 0.013 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

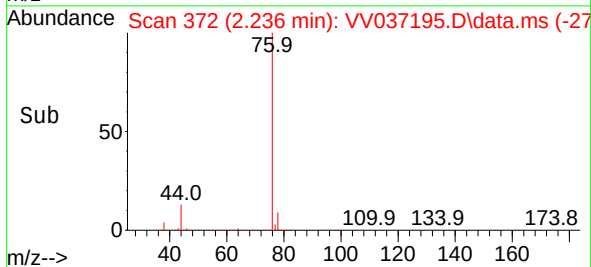
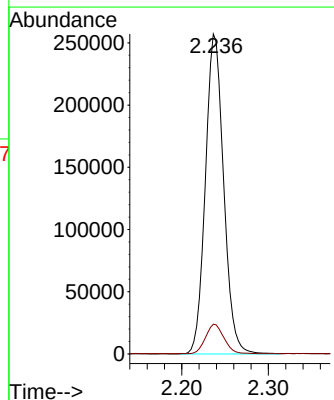
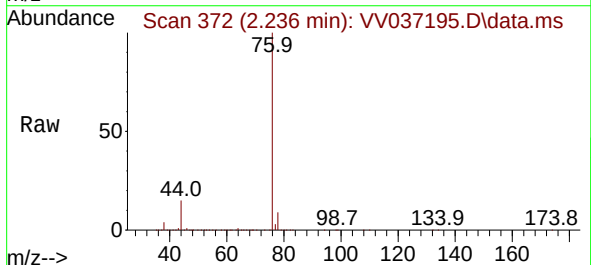
Instrument :
MSVOA_V
ClientSampleId :

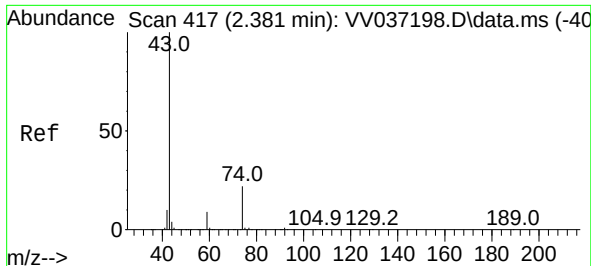
Tgt Ion: 43 Resp: 84373
Ion Ratio Lower Upper
43 100
58 8.1 0.0 22.2



#14
Carbon disulfide
Concen: 16.110 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion: 76 Resp: 376834
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

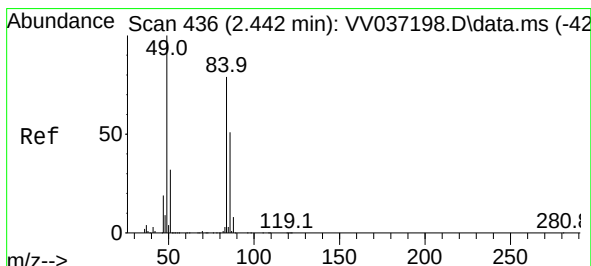
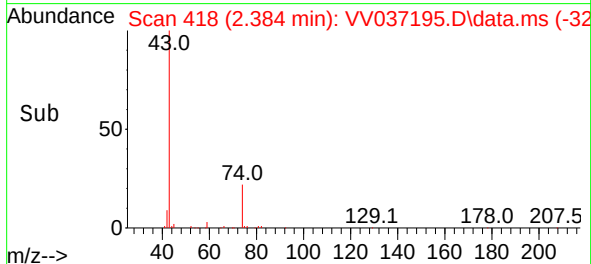
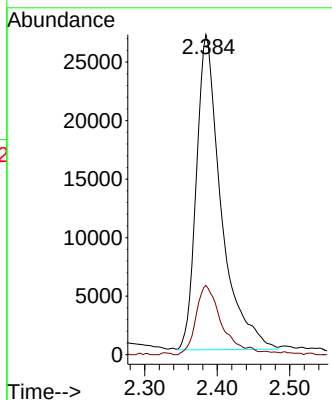
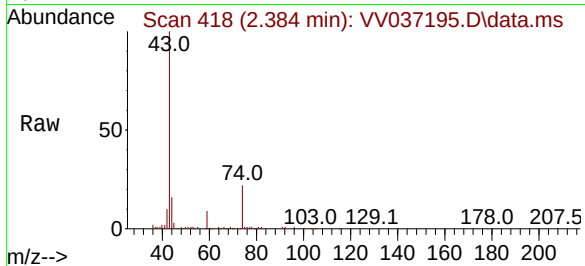




#15
Methyl Acetate
Concen: 16.445 ug/L
RT: 2.384 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

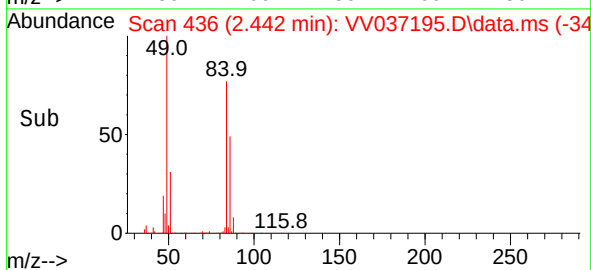
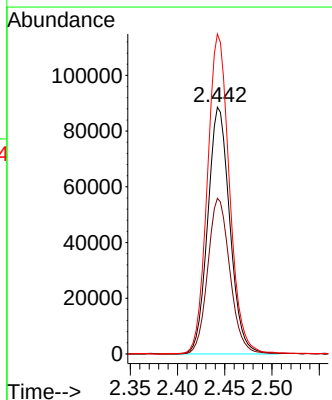
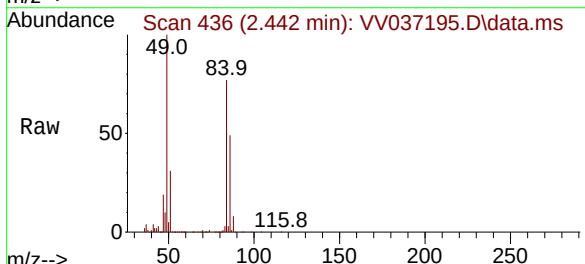
Instrument :
MSVOA_V
ClientSampleId :

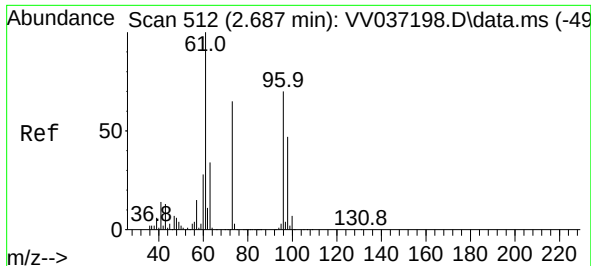
Tgt Ion: 43 Resp: 63847
Ion Ratio Lower Upper
43 100
74 22.0 19.0 28.4



#16
Methylene chloride
Concen: 13.859 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion: 84 Resp: 144018
Ion Ratio Lower Upper
84 100
86 63.1 45.4 84.2
49 129.6 88.7 164.7





#17

trans-1,2-Dichloroethene

Concen: 16.416 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :

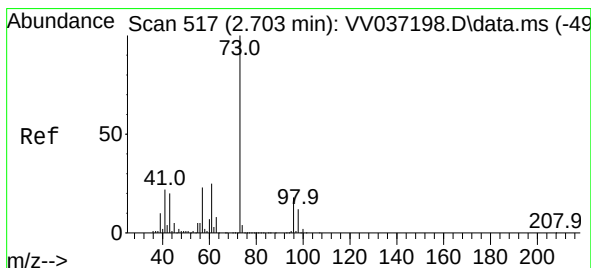
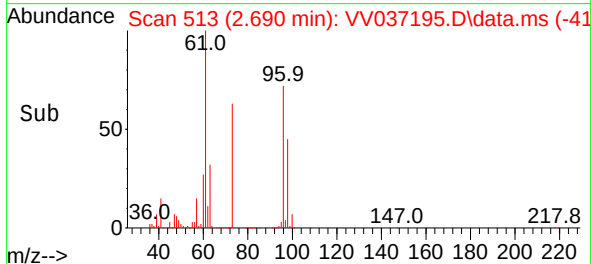
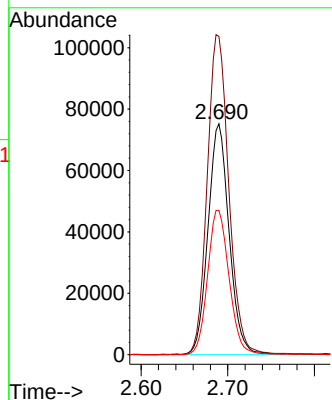
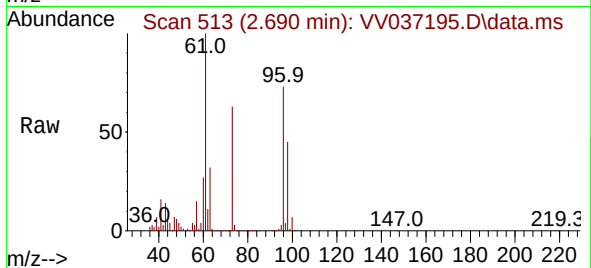
Tgt Ion: 96 Resp: 127624

Ion Ratio Lower Upper

96 100

61 137.8 99.7 185.1

98 62.5 46.4 86.2



#18

Methyl tert-butyl Ether

Concen: 16.550 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

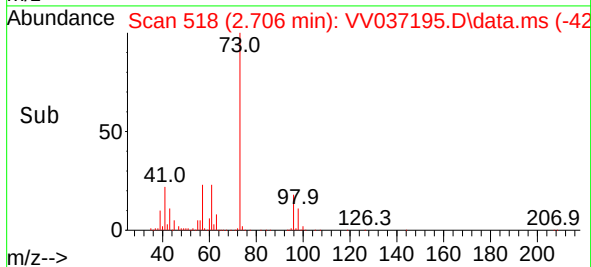
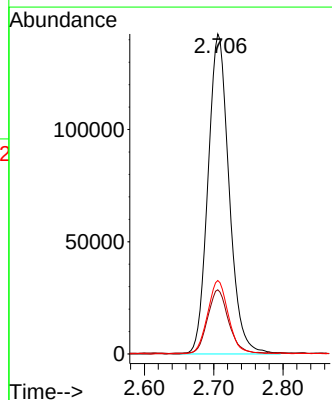
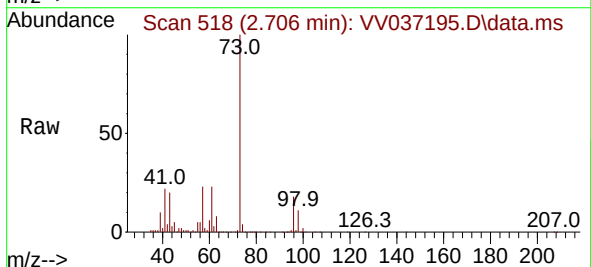
Tgt Ion: 73 Resp: 301196

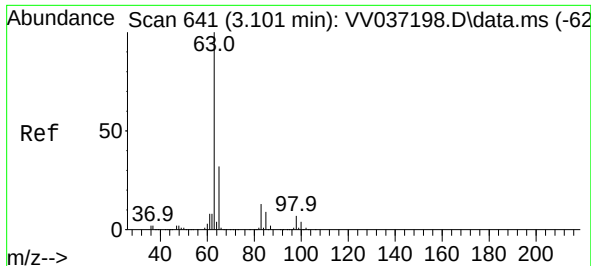
Ion Ratio Lower Upper

73 100

43 19.2 15.7 23.5

57 22.4 18.3 27.5

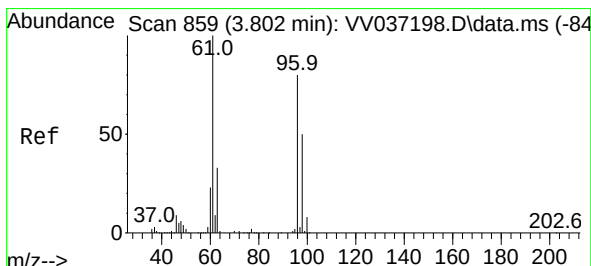
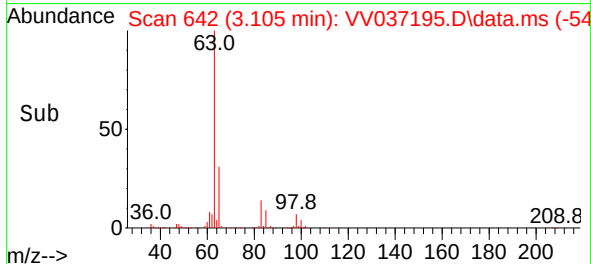
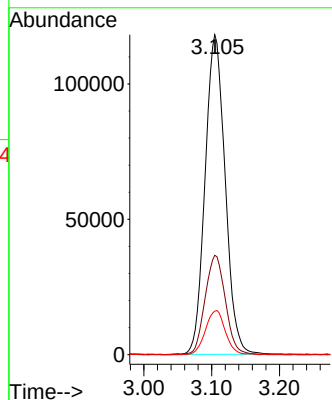
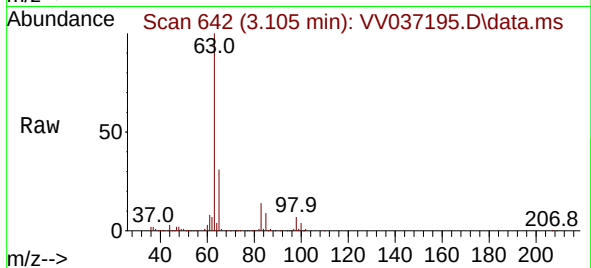




#19
1,1-Dichloroethane
Concen: 16.277 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

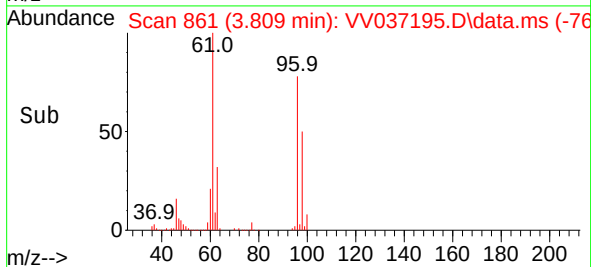
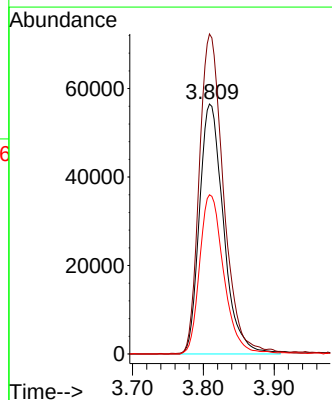
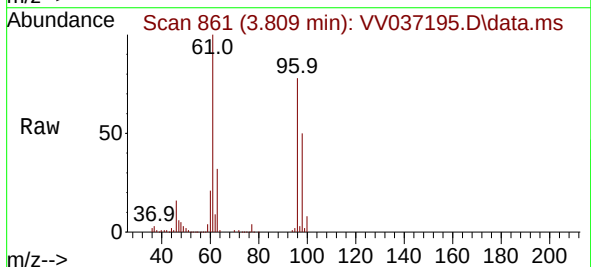
Instrument :
MSVOA_V
ClientSampleId :

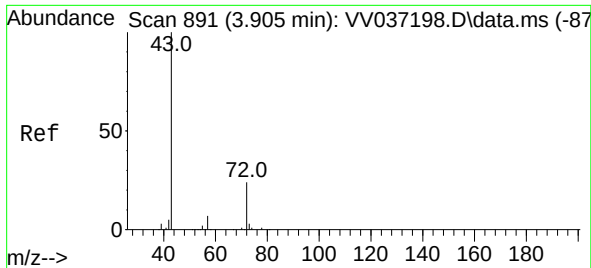
Tgt Ion: 63 Resp: 242280
Ion Ratio Lower Upper
63 100
65 31.1 22.4 41.6
83 13.6 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 16.268 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.006 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion: 96 Resp: 133506
Ion Ratio Lower Upper
96 100
61 128.0 87.6 162.6
98 63.7 44.0 81.6

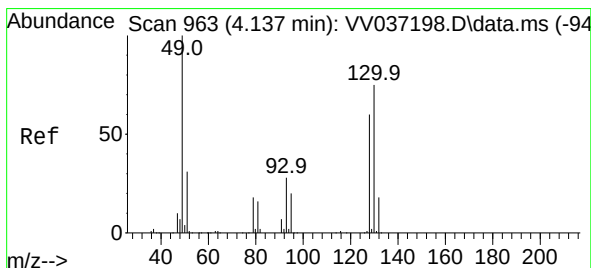
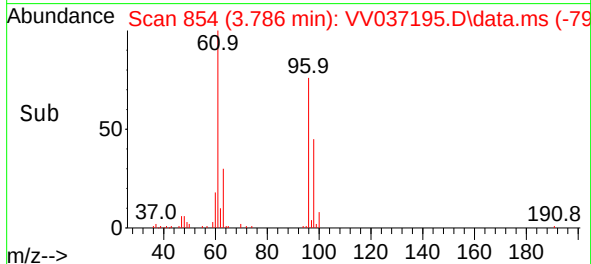
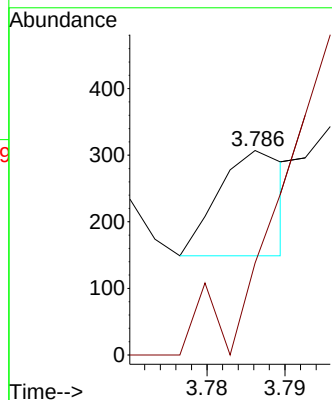
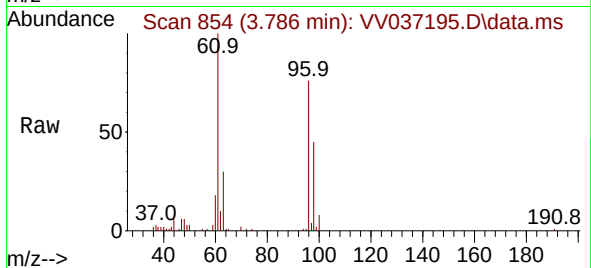




#22
2-Butanone
Concen: 0.042 ug/L
RT: 3.786 min Scan# 891
Delta R.T. -0.119 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

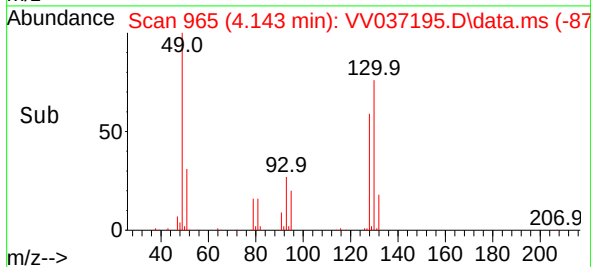
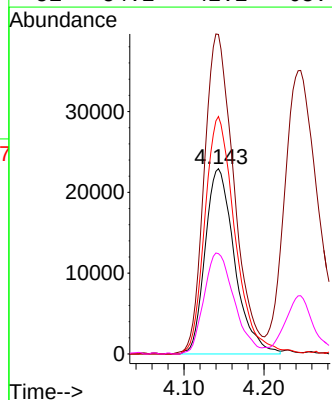
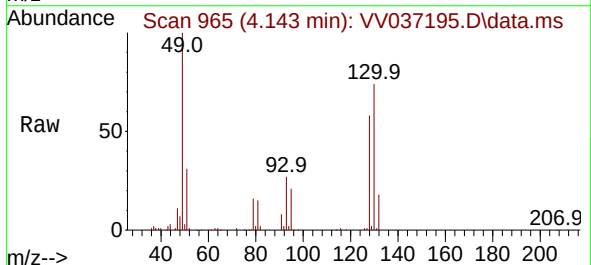
Instrument :
MSVOA_V
ClientSampleId :

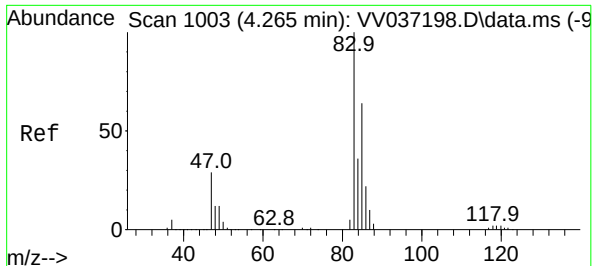
Tgt Ion: 43 Resp: 94
Ion Ratio Lower Upper
43 100
72 22.3 10.2 30.6



#23
Bromochloromethane
Concen: 16.052 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.006 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion:128 Resp: 58713
Ion Ratio Lower Upper
128 100
49 172.5 117.8 218.8
130 128.2 88.4 164.2
51 54.2 42.2 63.4





#25

Chloroform

Concen: 16.444 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

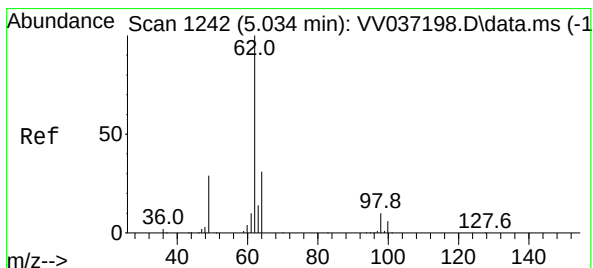
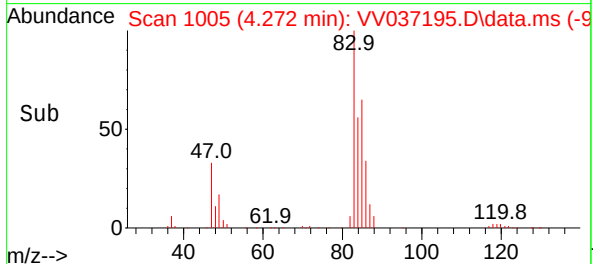
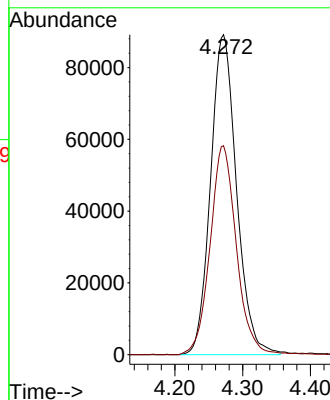
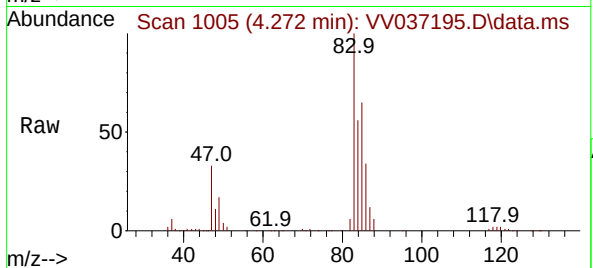
ClientSampleId :

Tgt Ion: 83 Resp: 237621

Ion Ratio Lower Upper

83 100

85 65.3 44.9 83.3



#27

1,2-Dichloroethane

Concen: 16.196 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VV037195.D

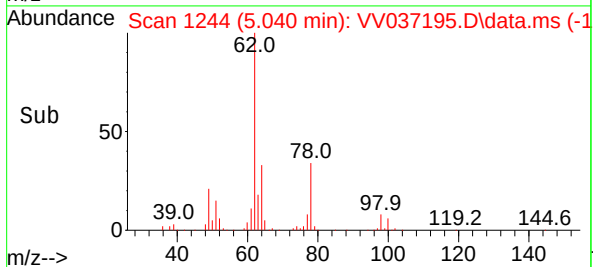
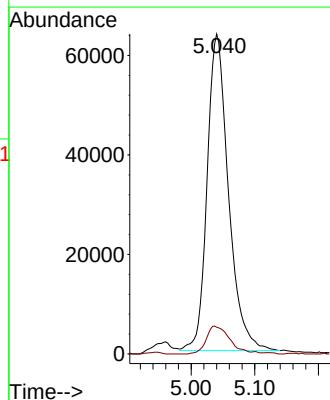
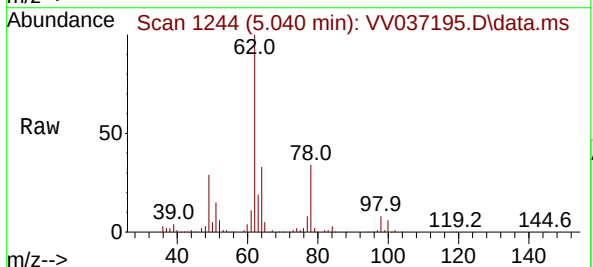
Acq: 04 Sep 2024 12:29

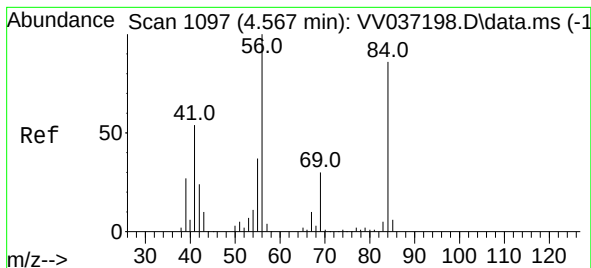
Tgt Ion: 62 Resp: 148352

Ion Ratio Lower Upper

62 100

98 8.4 8.3 12.5





#29

Cyclohexane

Concen: 16.109 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.006 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :

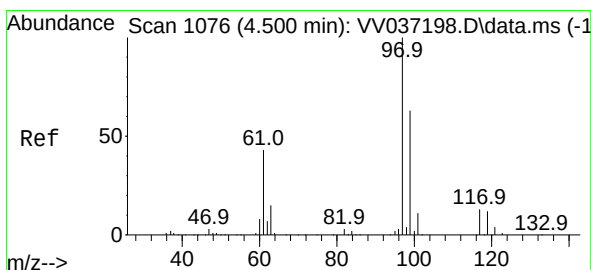
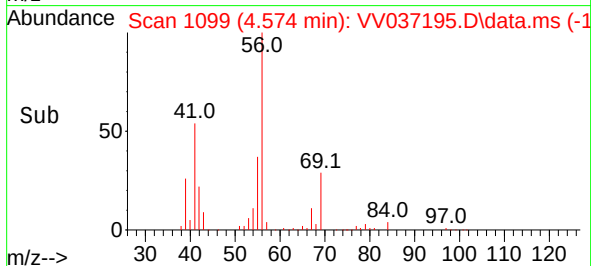
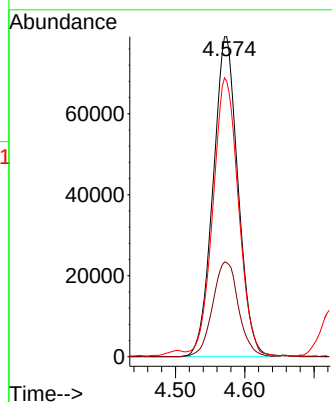
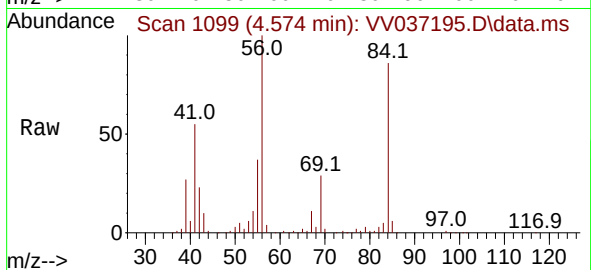
Tgt Ion: 56 Resp: 197884

Ion Ratio Lower Upper

56 100

69 30.7 24.3 36.5

84 88.4 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 16.139 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

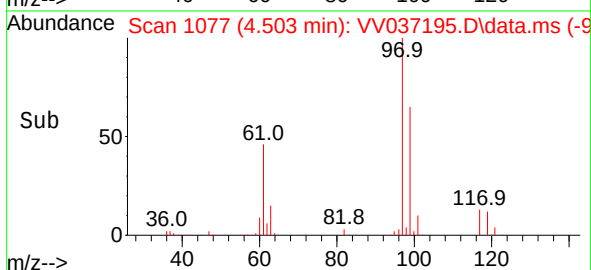
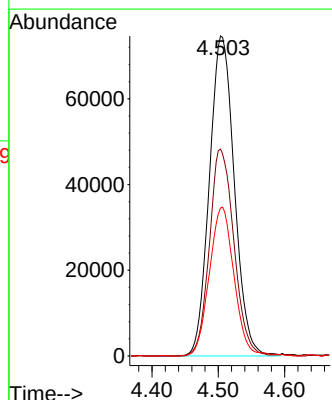
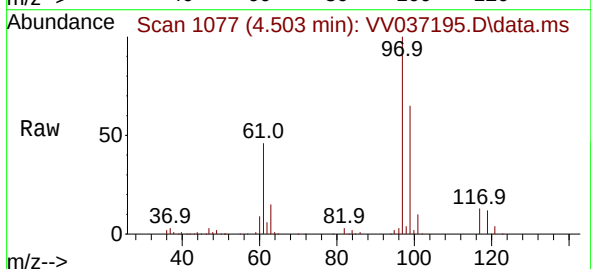
Tgt Ion: 97 Resp: 195142

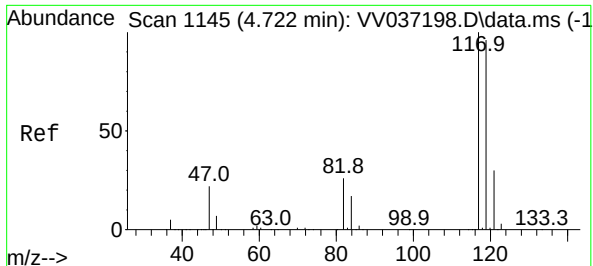
Ion Ratio Lower Upper

97 100

99 63.5 51.5 77.3

61 46.0 35.4 53.2

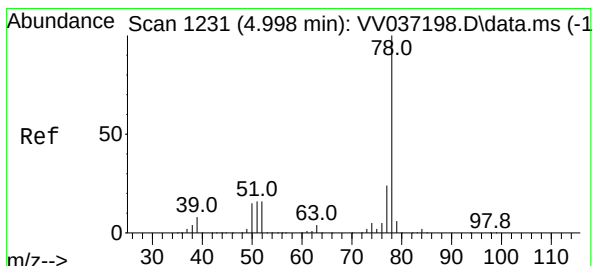
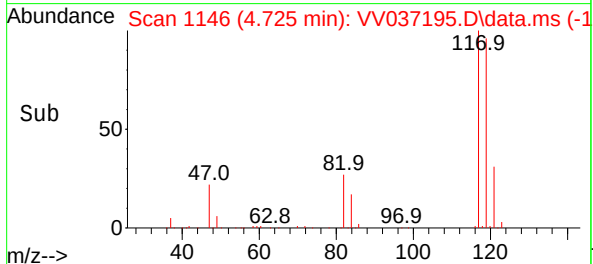
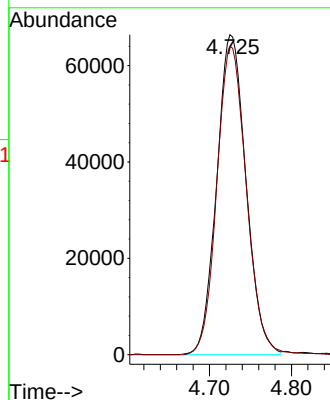
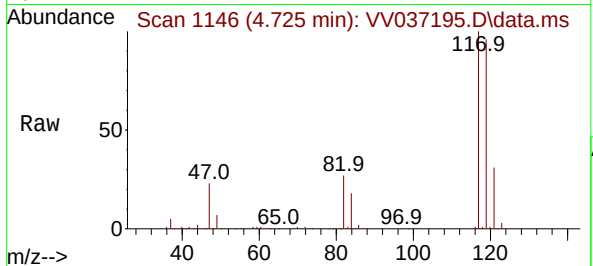




#31
Carbon tetrachloride
Concen: 16.138 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

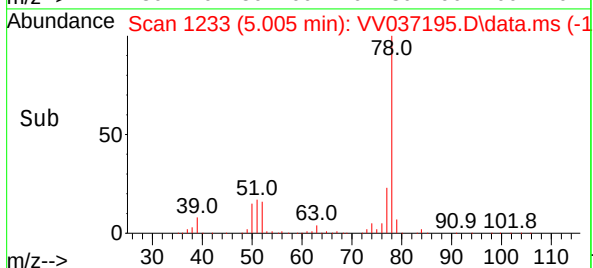
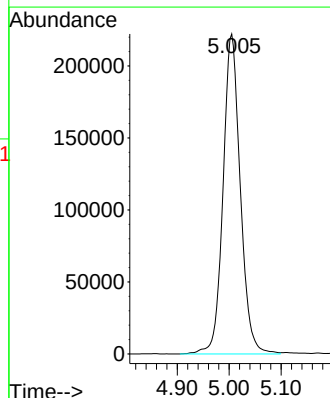
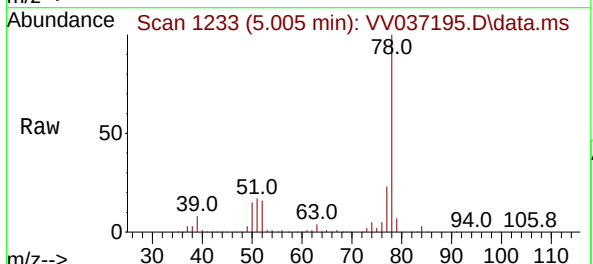
Instrument :
MSVOA_V
ClientSampleId :

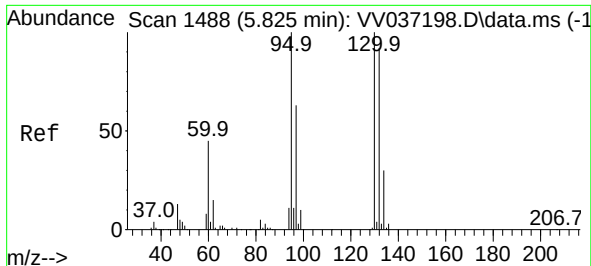
Tgt Ion:117 Resp: 164972
Ion Ratio Lower Upper
117 100
119 96.9 76.2 114.4



#33
Benzene
Concen: 16.787 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion: 78 Resp: 512801





#34

Trichloroethene

Concen: 16.573 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

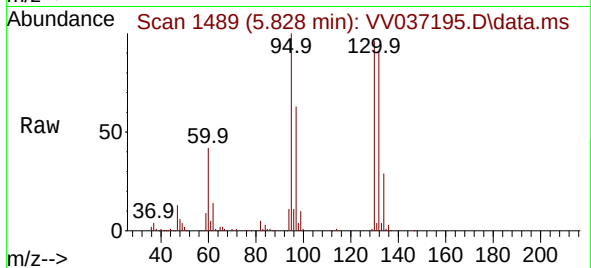
Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 137794

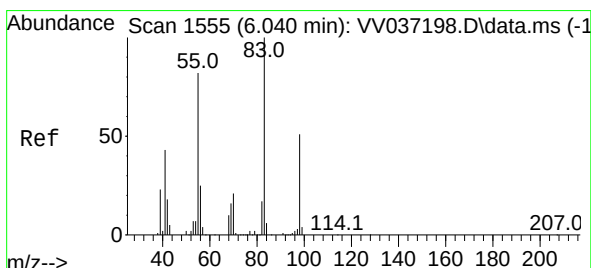
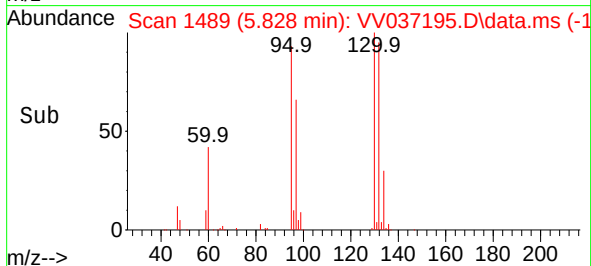
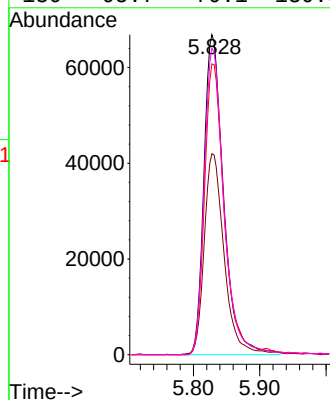
Ion Ratio Lower Upper

95 100

97 62.8 44.0 81.6

132 90.9 64.3 119.5

130 95.7 70.1 130.3



#35

Methylcyclohexane

Concen: 16.059 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

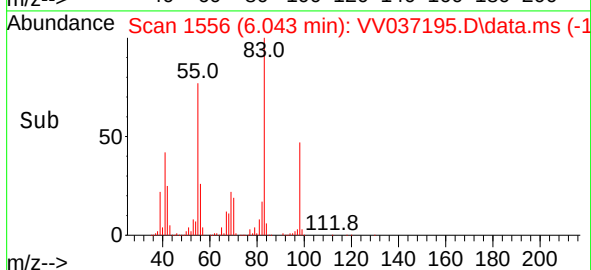
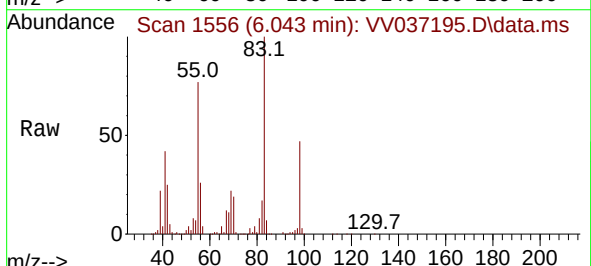
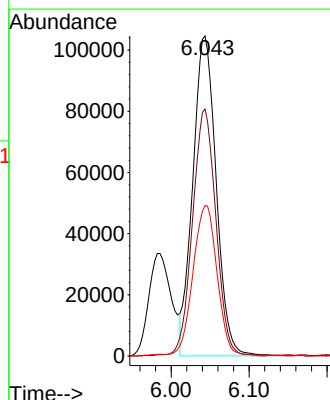
Tgt Ion: 83 Resp: 217557

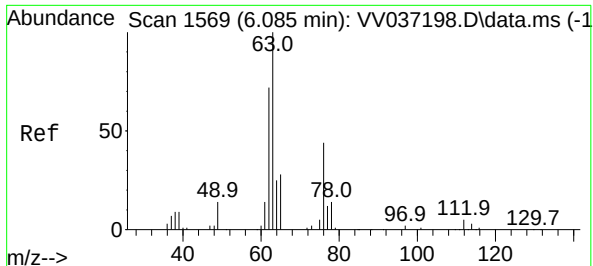
Ion Ratio Lower Upper

83 100

55 77.5 61.6 92.4

98 47.5 38.5 57.7

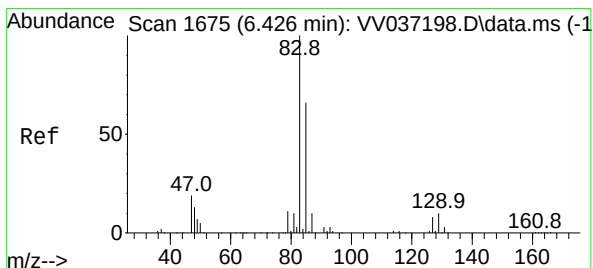
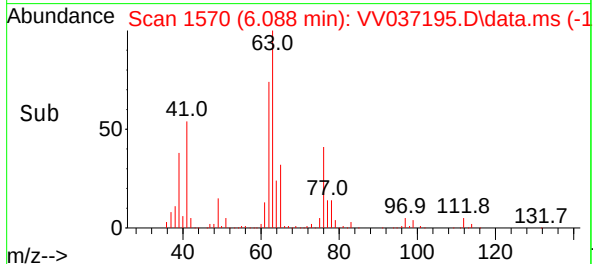
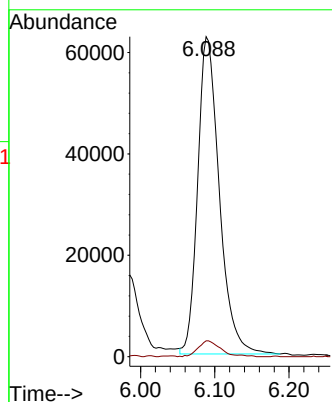
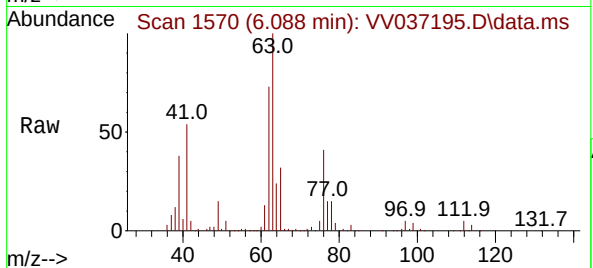




#37
1,2-Dichloropropane
Concen: 16.015 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

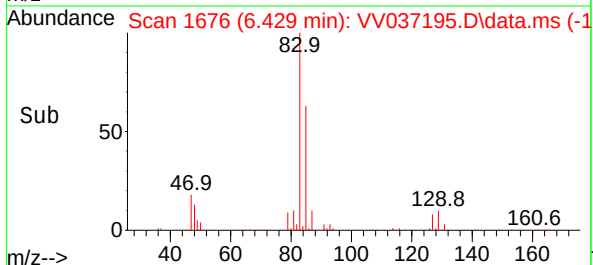
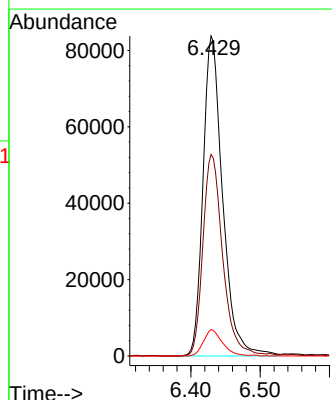
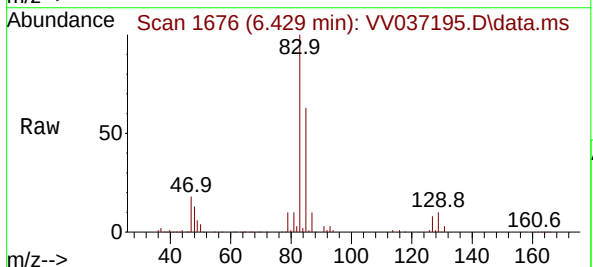
Instrument :
MSVOA_V
ClientSampleId :

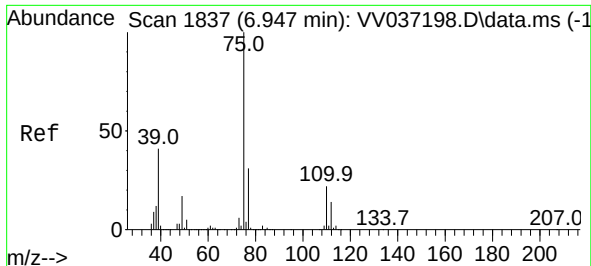
Tgt Ion: 63 Resp: 126848
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6



#38
Bromodichloromethane
Concen: 16.481 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion: 83 Resp: 164804
Ion Ratio Lower Upper
83 100
85 63.0 45.9 85.3
127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 15.965 ug/L

RT: 6.950 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

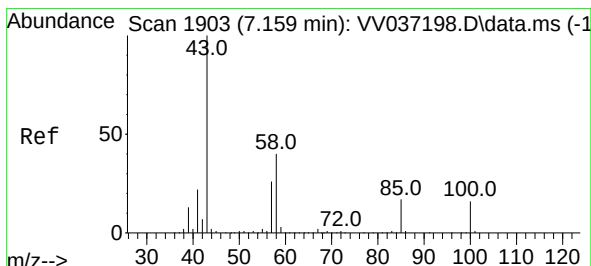
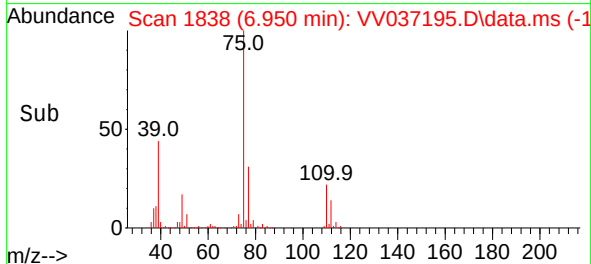
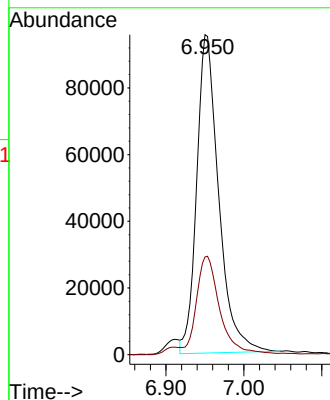
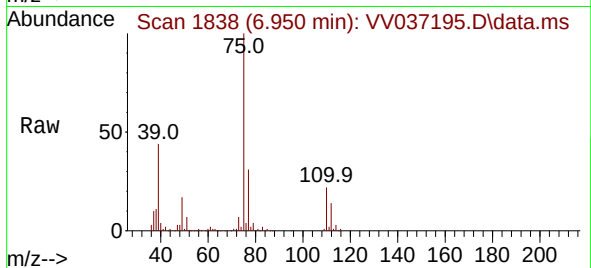
ClientSampleId :

Tgt Ion: 75 Resp: 187197

Ion Ratio Lower Upper

75 100

77 30.6 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 31.583 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

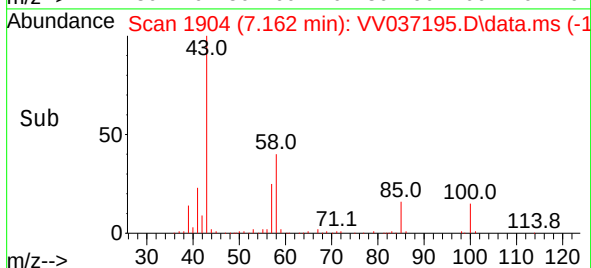
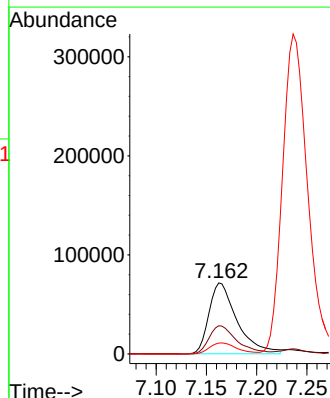
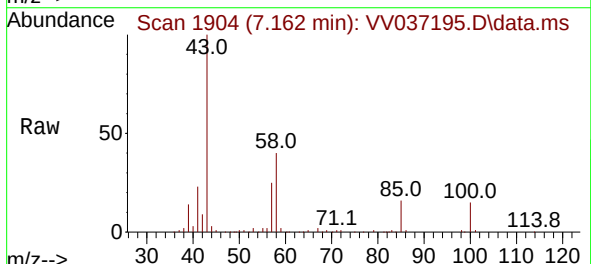
Tgt Ion: 43 Resp: 139521

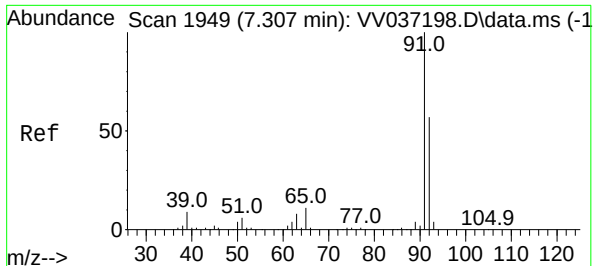
Ion Ratio Lower Upper

43 100

58 39.4 30.3 45.5

100 15.2 11.6 17.4





#42

Toluene

Concen: 16.423 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

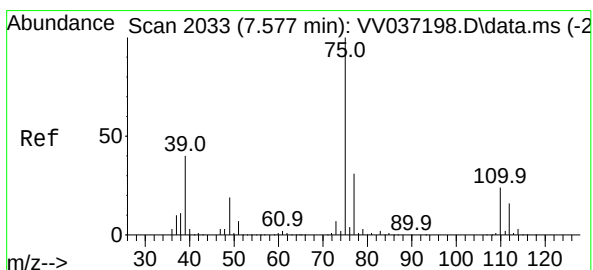
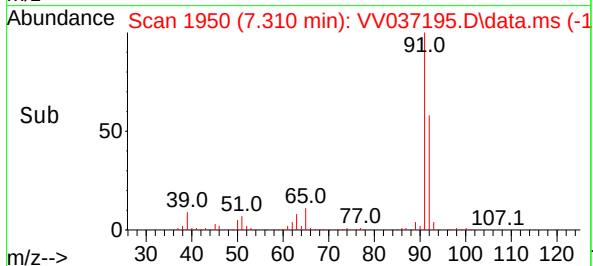
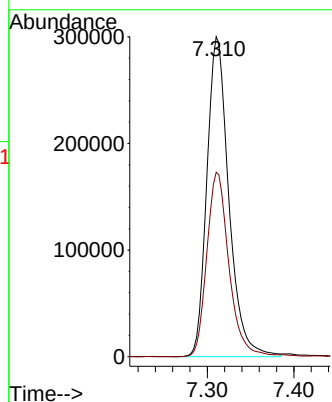
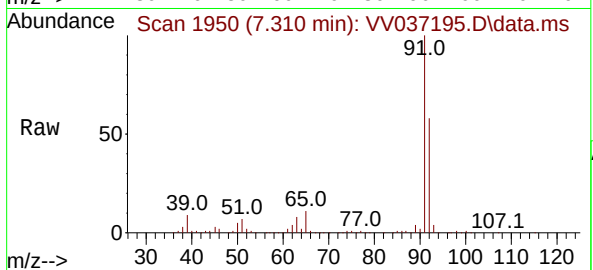
ClientSampleId :

Tgt Ion: 91 Resp: 527924

Ion Ratio Lower Upper

91 100

92 57.6 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 16.833 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV037195.D

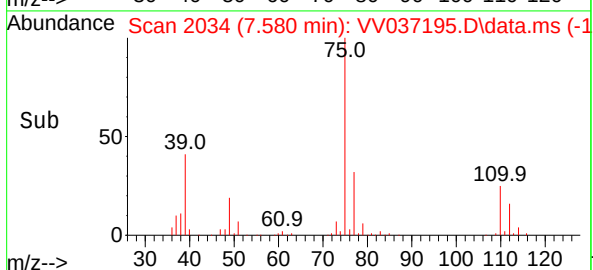
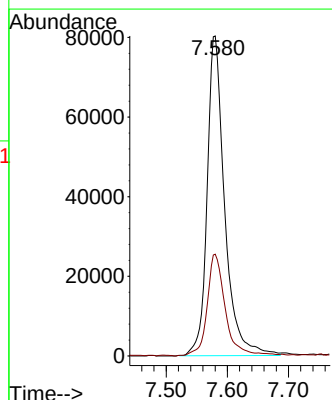
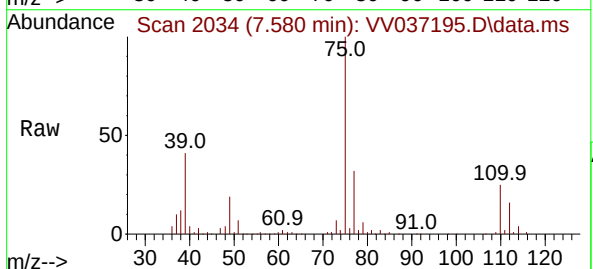
Acq: 04 Sep 2024 12:29

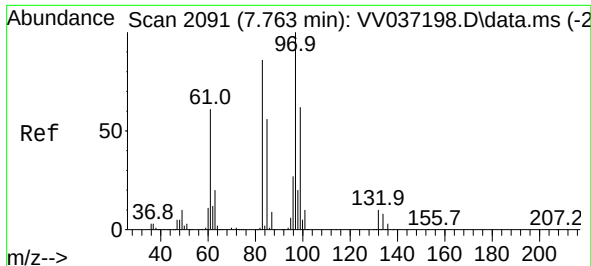
Tgt Ion: 75 Resp: 160383

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4

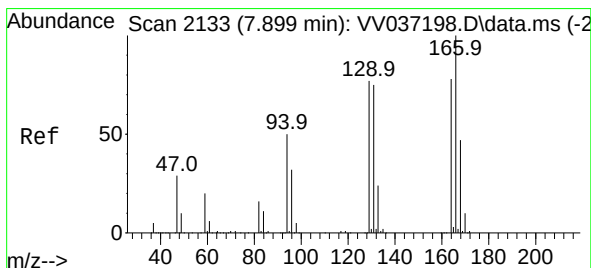
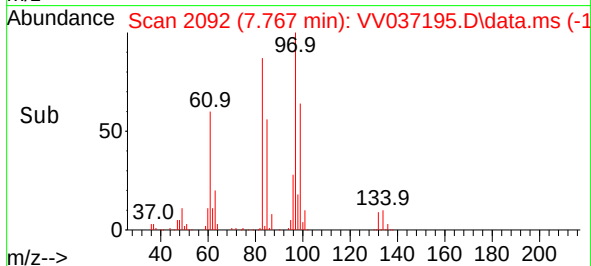
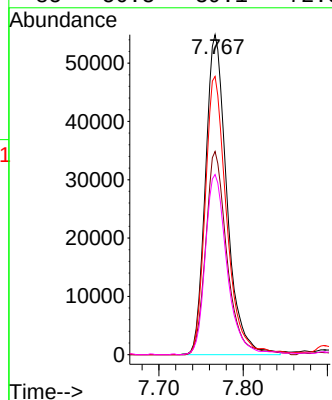
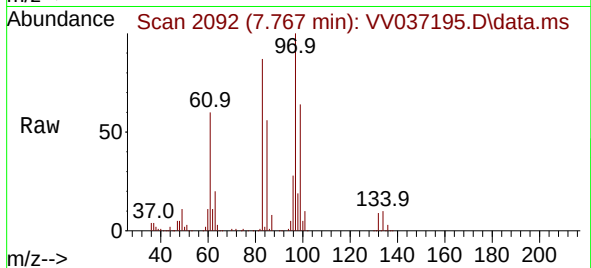




#45
1,1,2-Trichloroethane
Concen: 16.291 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

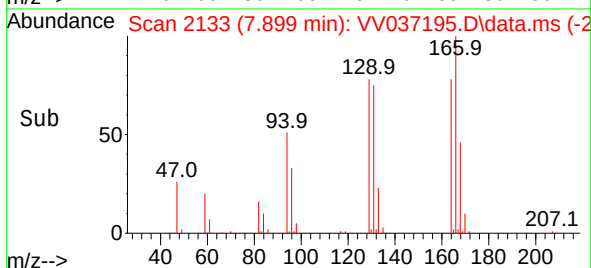
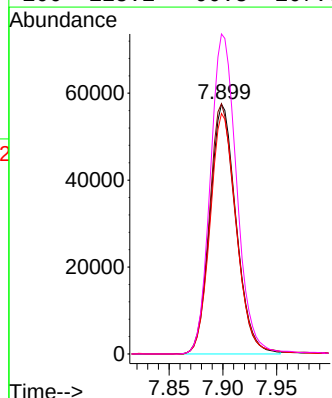
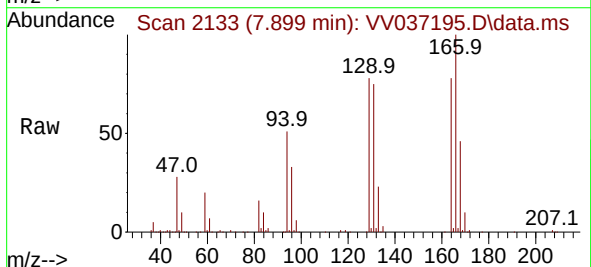
Instrument :
MSVOA_V
ClientSampleId :

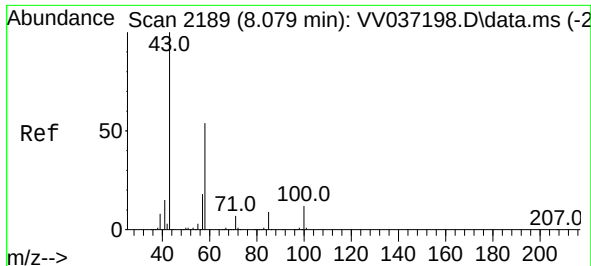
Tgt Ion:	97	Resp:	97243
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.2	80.2
83	87.0	60.0	111.4
85	56.3	39.1	72.5



#46
Tetrachloroethene
Concen: 15.899 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

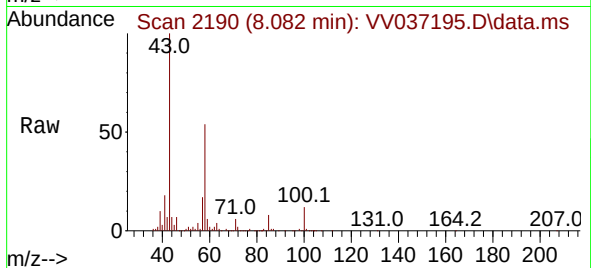
Tgt Ion:	164	Resp:	97163
Ion	Ratio	Lower	Upper
164	100		
129	100.2	70.0	130.0
131	96.3	68.0	126.2
166	128.1	90.3	167.7



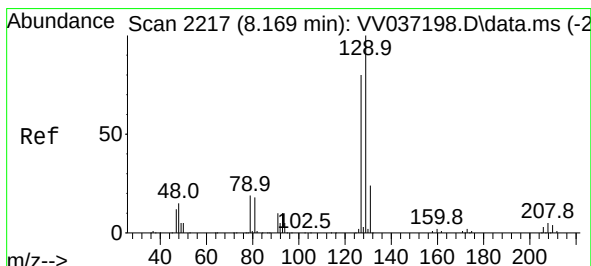
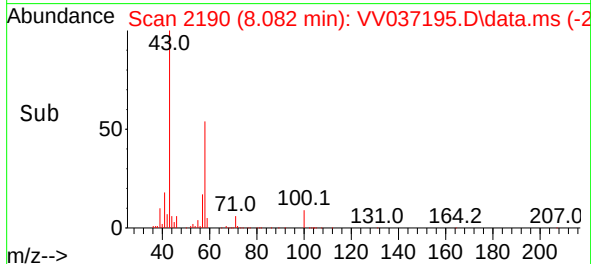
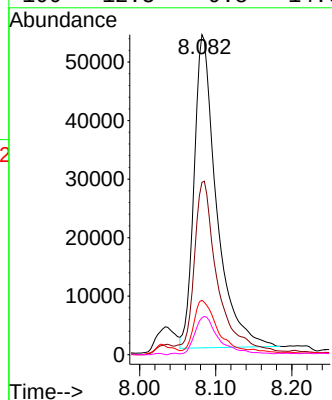


#48
2-Hexanone
Concen: 33.222 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Instrument :
MSVOA_V
ClientSampleId :

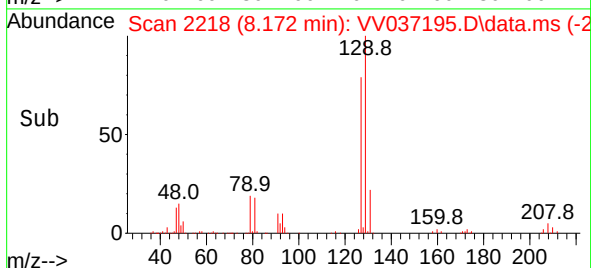
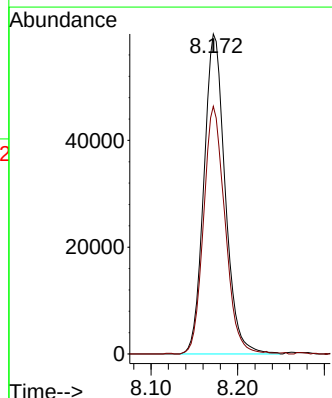
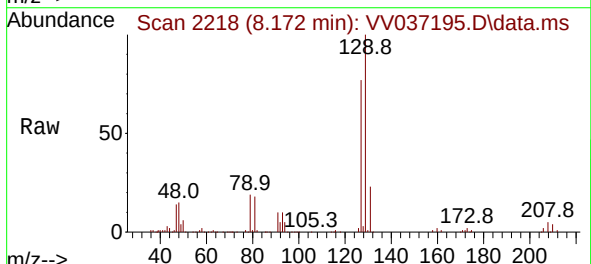


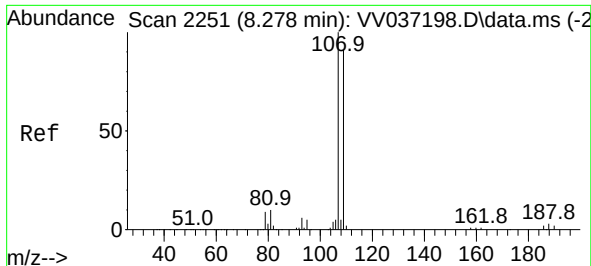
Tgt Ion: 43 Resp: 109849
Ion Ratio Lower Upper
43 100
58 56.3 42.9 64.3
57 16.5 14.6 21.8
100 12.3 9.8 14.6



#49
Dibromochloromethane
Concen: 16.441 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion: 129 Resp: 102117
Ion Ratio Lower Upper
129 100
127 77.4 56.0 104.0

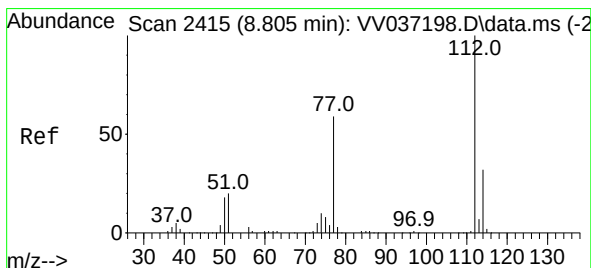
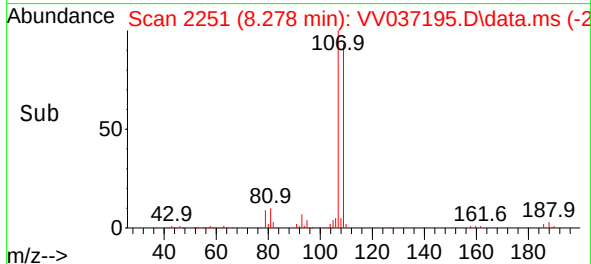
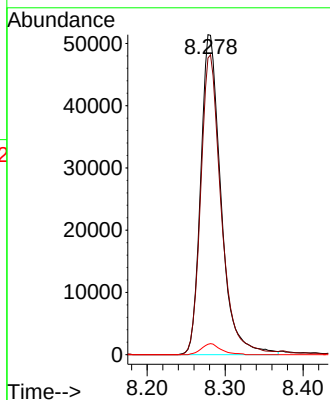
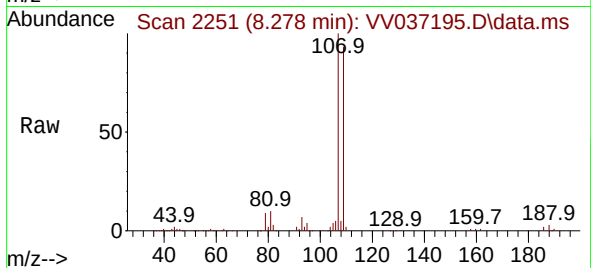




#50
1,2-Dibromoethane
Concen: 16.311 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

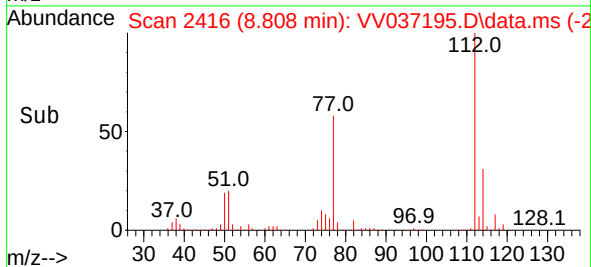
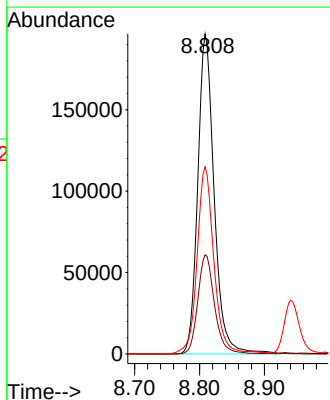
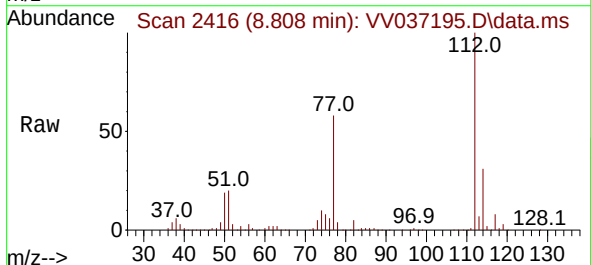
Instrument :
MSVOA_V
ClientSampleId :

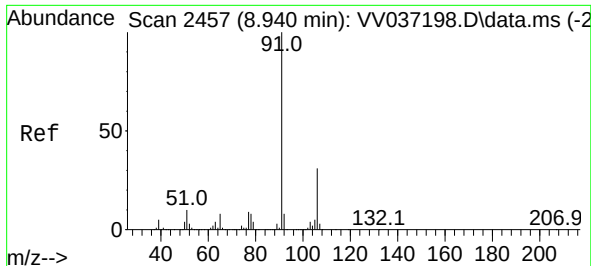
Tgt Ion:107 Resp: 93025
Ion Ratio Lower Upper
107 100
109 92.7 63.5 117.9
188 3.2 2.5 3.7



#51
Chlorobenzene
Concen: 16.421 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion:112 Resp: 345445
Ion Ratio Lower Upper
112 100
114 31.0 22.4 41.6
77 58.4 47.5 71.3





#52

Ethylbenzene

Concen: 16.229 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

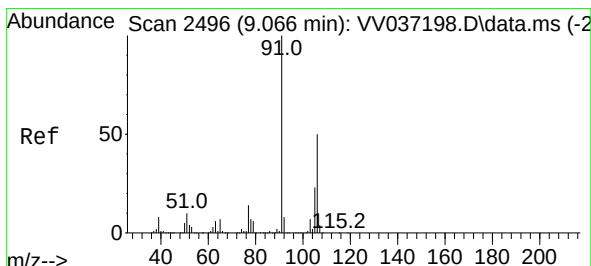
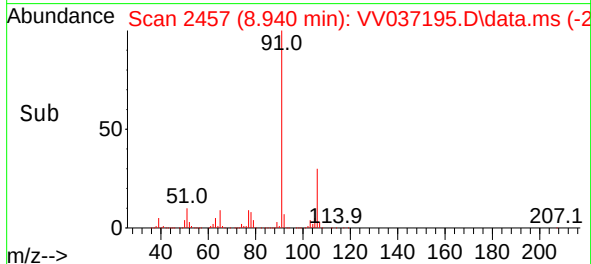
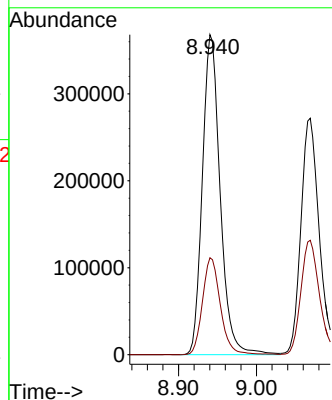
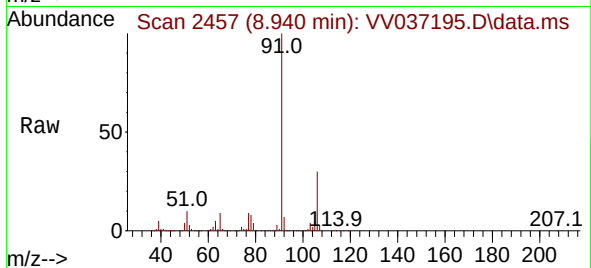
ClientSampleId :

Tgt Ion: 91 Resp: 584211

Ion Ratio Lower Upper

91 100

106 30.3 21.5 39.9



#53

m,p-Xylene

Concen: 16.355 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.003 min

Lab File: VV037195.D

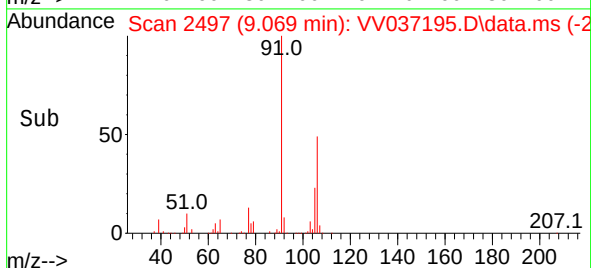
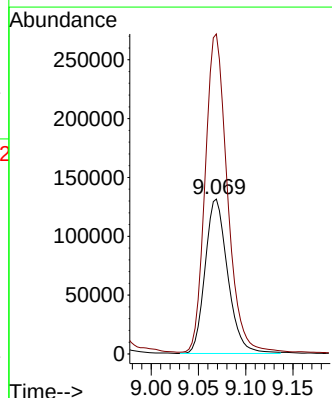
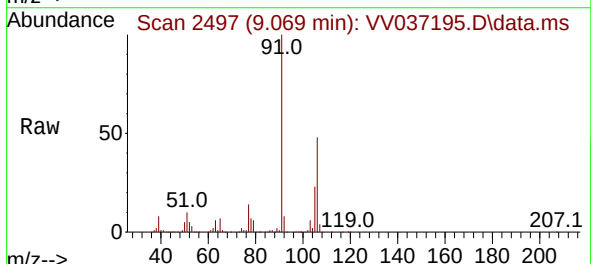
Acq: 04 Sep 2024 12:29

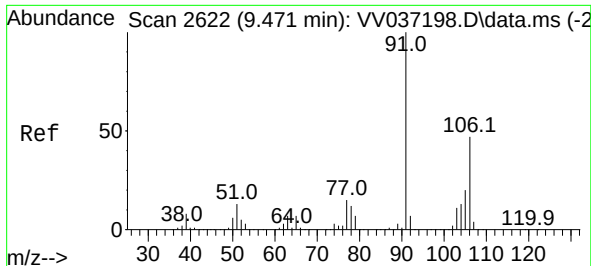
Tgt Ion:106 Resp: 218435

Ion Ratio Lower Upper

106 100

91 206.6 141.6 263.0

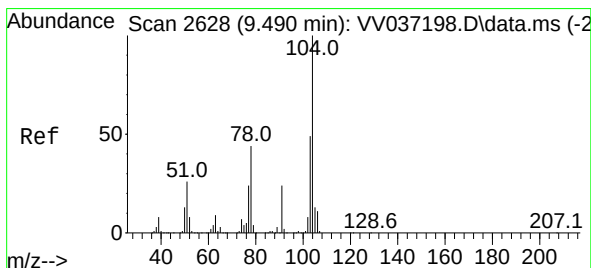
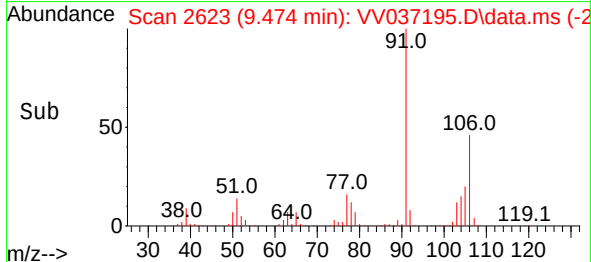
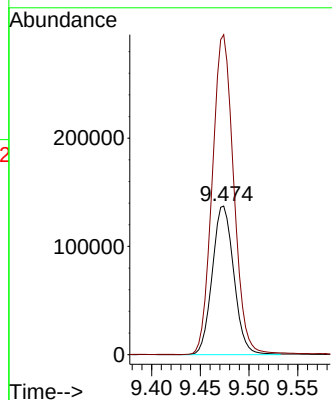
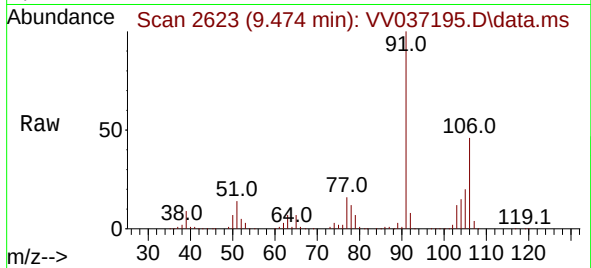




#54
o-Xylene
Concen: 16.423 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

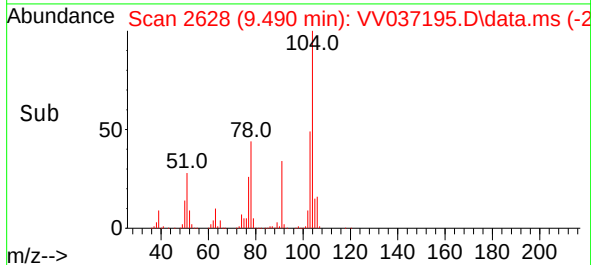
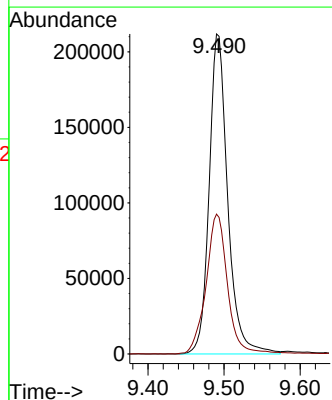
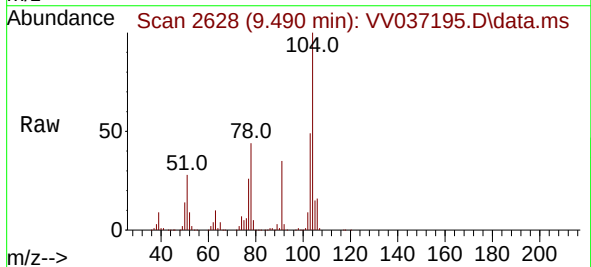
Instrument :
MSVOA_V
ClientSampleId :

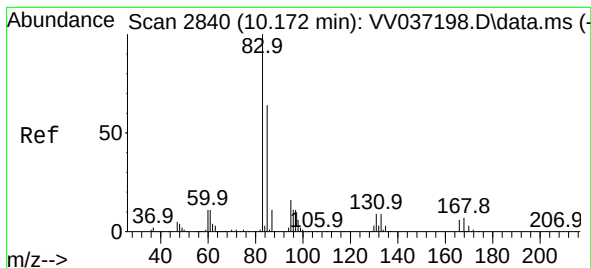
Tgt Ion:106 Resp: 211295
Ion Ratio Lower Upper
106 100
91 215.2 150.4 279.4



#55
Styrene
Concen: 16.615 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion:104 Resp: 359180
Ion Ratio Lower Upper
104 100
78 43.7 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 16.346 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :

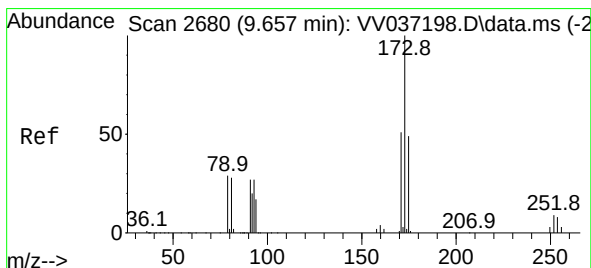
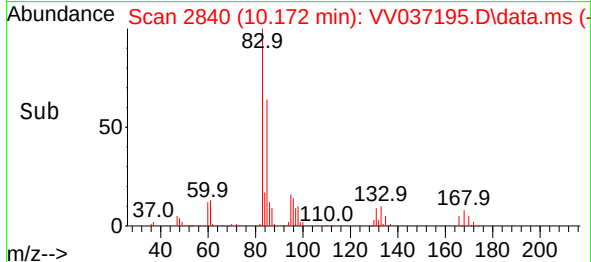
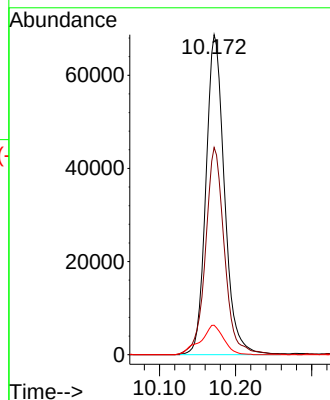
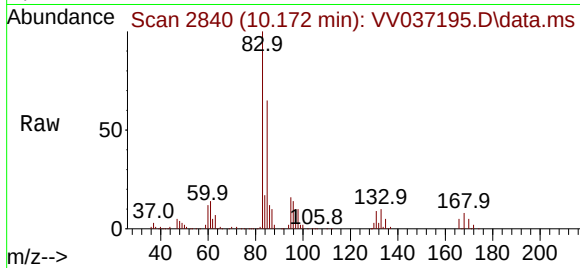
Tgt Ion: 83 Resp: 116275

Ion Ratio Lower Upper

83 100

85 64.7 44.9 83.3

131 9.2 7.1 10.7



#59

Bromoform

Concen: 15.850 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.003 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

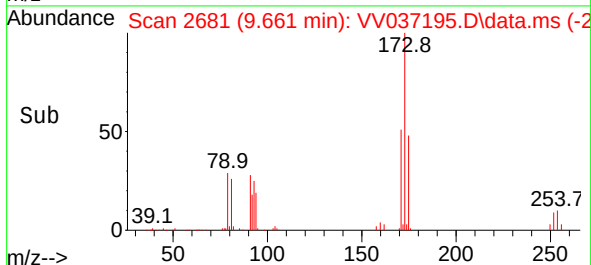
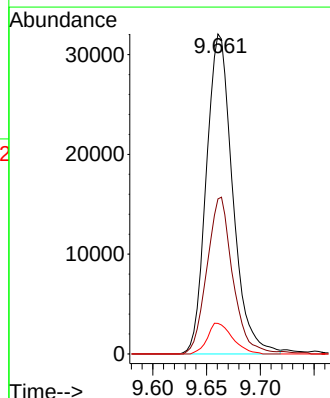
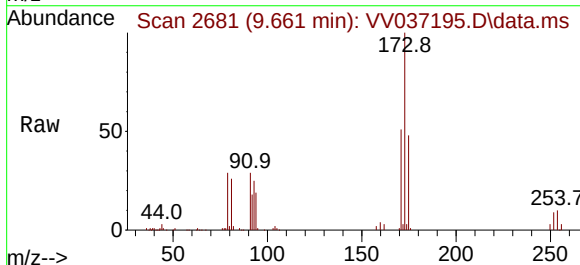
Tgt Ion: 173 Resp: 54495

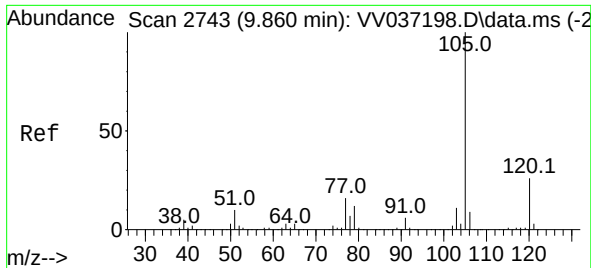
Ion Ratio Lower Upper

173 100

175 48.0 38.6 57.8

254 9.2 6.6 9.8

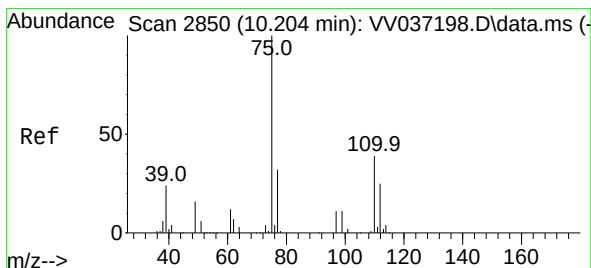
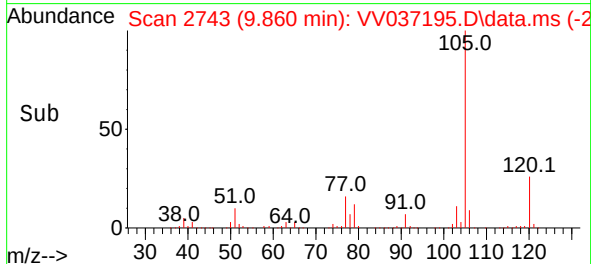
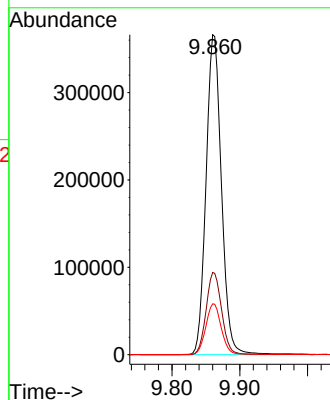
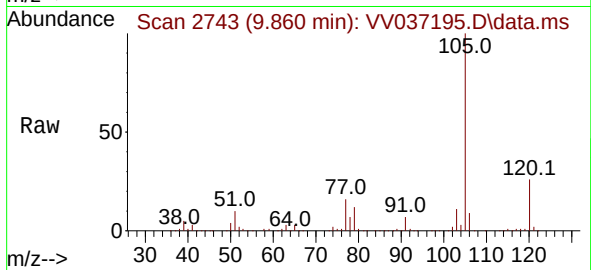




#60
Isopropylbenzene
Concen: 16.423 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

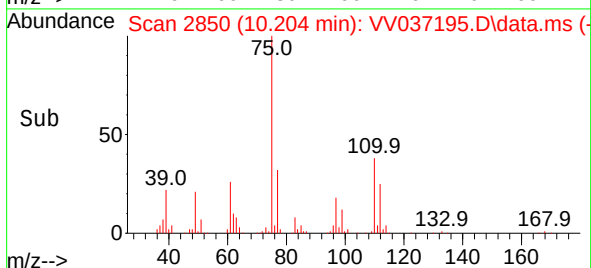
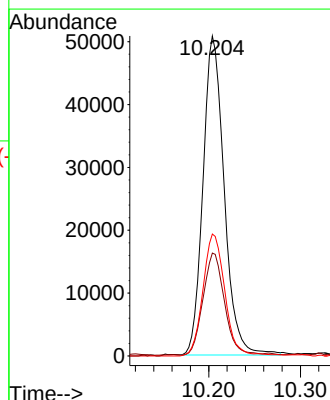
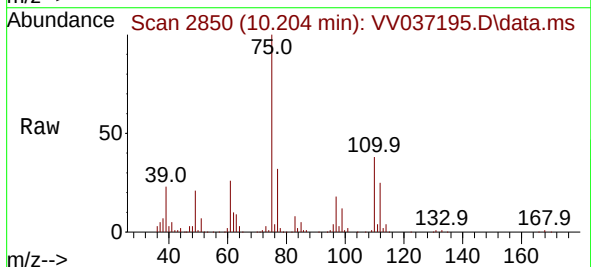
Instrument :
MSVOA_V
ClientSampleId :

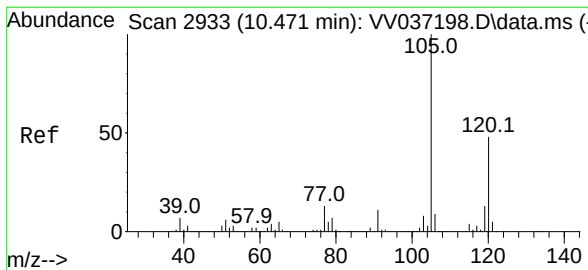
Tgt Ion:105 Resp: 577520
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.9 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 16.364 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

Tgt Ion: 75 Resp: 81655
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
110 38.9 30.8 46.2

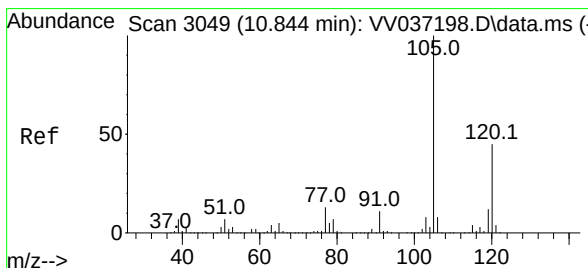
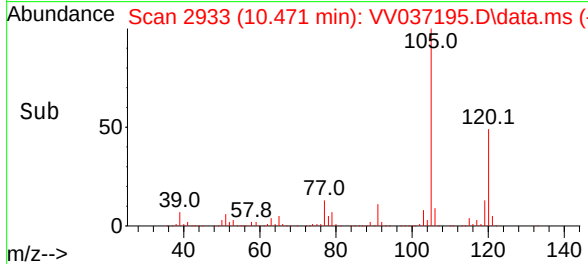
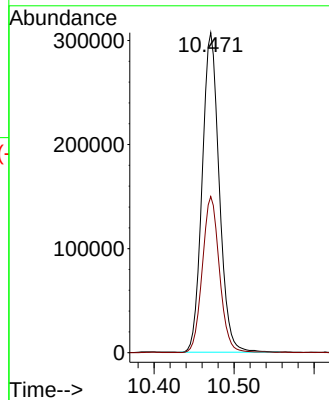
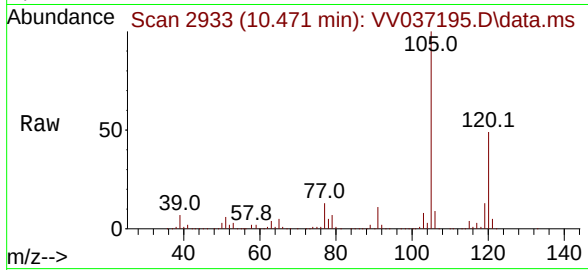




#62
 1,3,5-Trimethylbenzene
 Concen: 16.338 ug/L
 RT: 10.471 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037195.D
 Acq: 04 Sep 2024 12:29

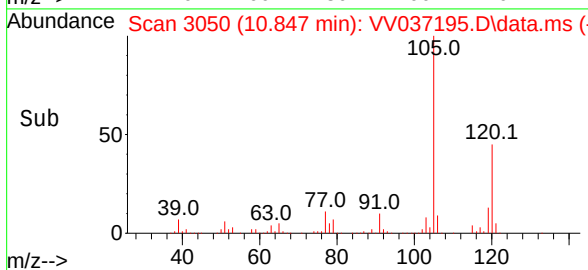
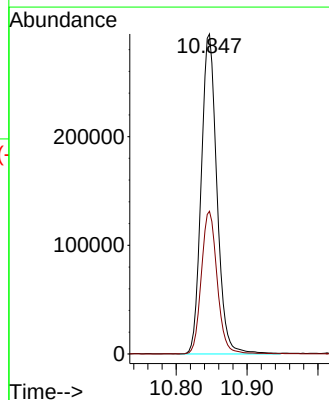
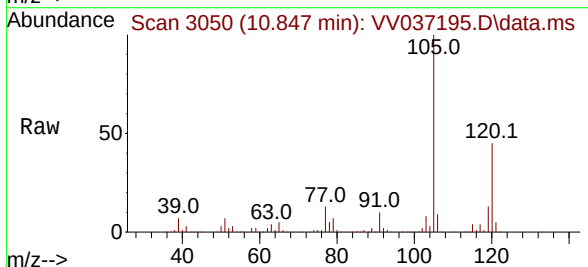
Instrument :
 MSVOA_V
 ClientSampleId :

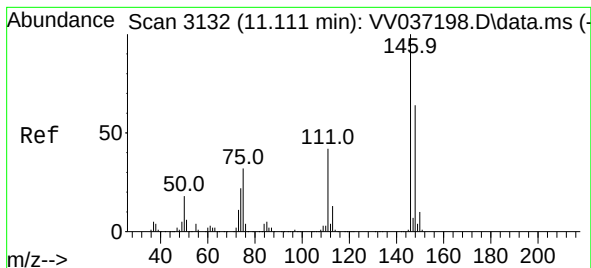
Tgt Ion:105 Resp: 456287
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 16.328 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. 0.003 min
 Lab File: VV037195.D
 Acq: 04 Sep 2024 12:29

Tgt Ion:105 Resp: 452256
 Ion Ratio Lower Upper
 105 100
 120 44.8 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 16.299 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :

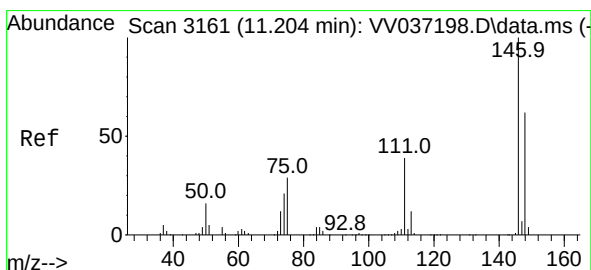
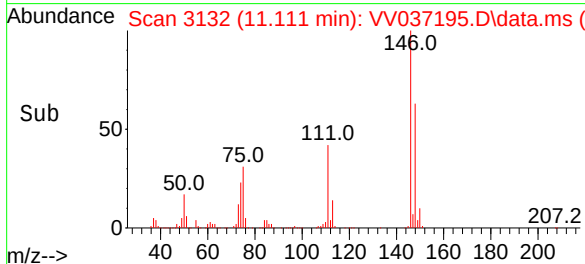
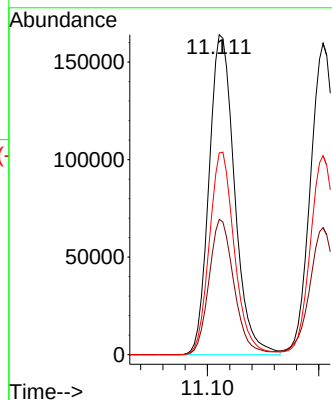
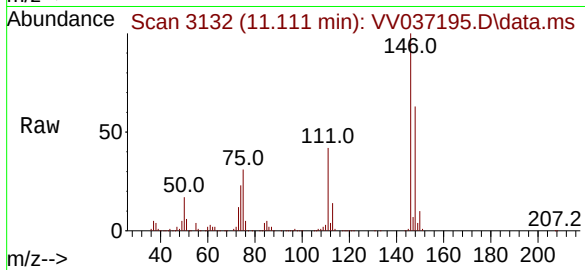
Tgt Ion:146 Resp: 261336

Ion Ratio Lower Upper

146 100

111 42.3 29.7 55.1

148 63.1 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 16.202 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

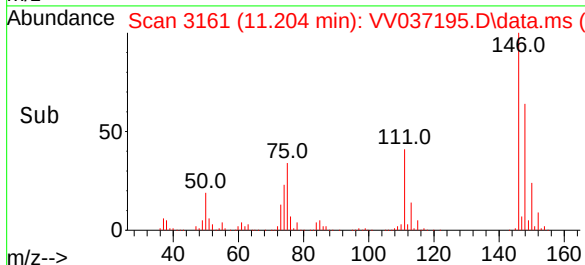
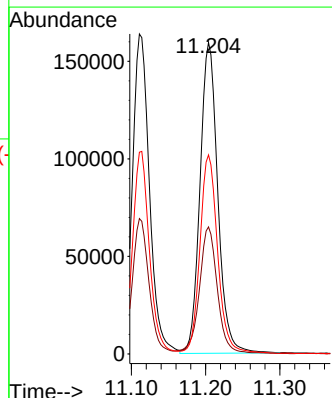
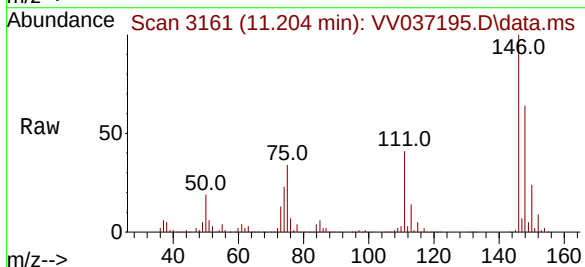
Tgt Ion:146 Resp: 264846

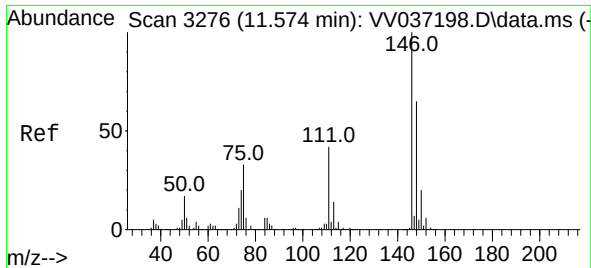
Ion Ratio Lower Upper

146 100

111 40.8 27.6 51.4

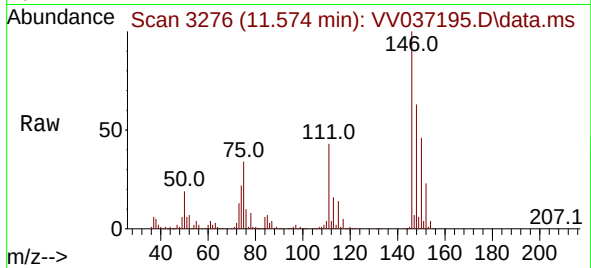
148 63.9 43.3 80.5



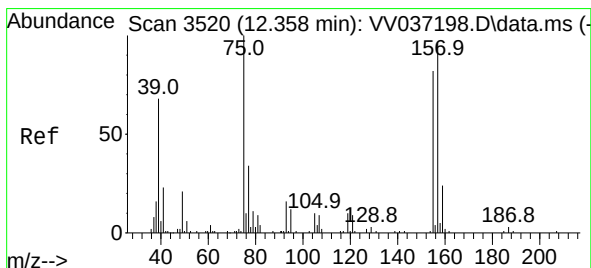
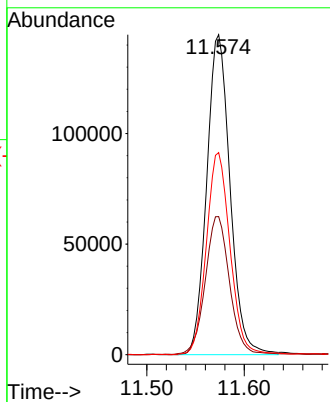
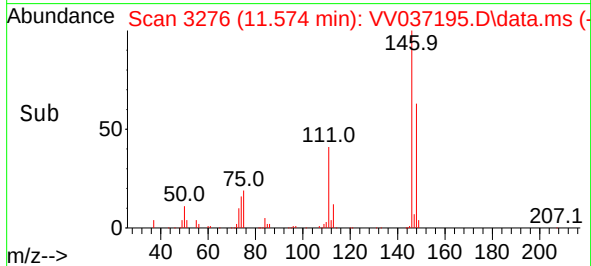


#67
1,2-Dichlorobenzene
Concen: 16.226 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29

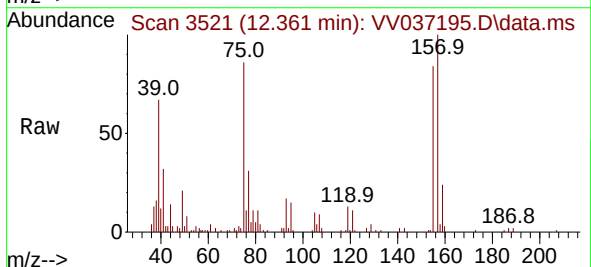
Instrument :
MSVOA_V
ClientSampleId :



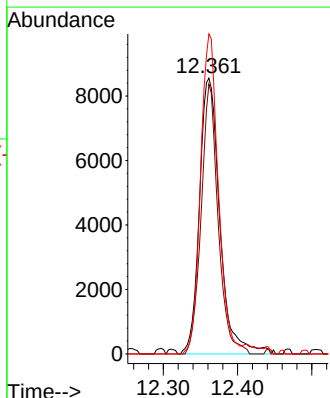
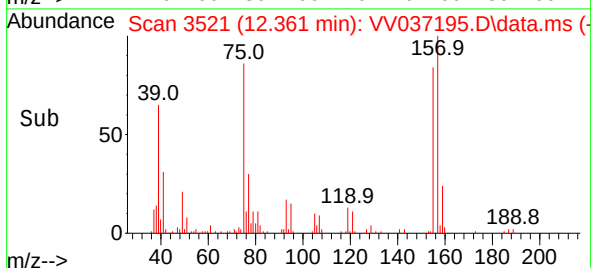
Tgt Ion:146 Resp: 241313
Ion Ratio Lower Upper
146 100
111 43.2 34.1 51.1
148 63.2 51.8 77.6

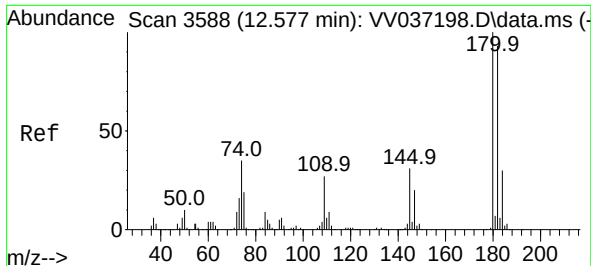


#68
1,2-Dibromo-3-chloropropane
Concen: 14.431 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.003 min
Lab File: VV037195.D
Acq: 04 Sep 2024 12:29



Tgt Ion: 75 Resp: 16251
Ion Ratio Lower Upper
75 100
155 97.8 65.6 98.4
157 116.0 76.9 115.3#





#69

1,3,5-Trichlorobenzene

Concen: 16.042 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

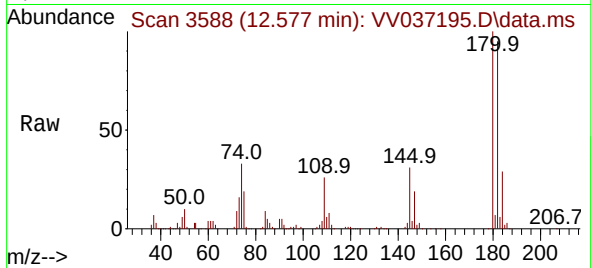
Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 182501

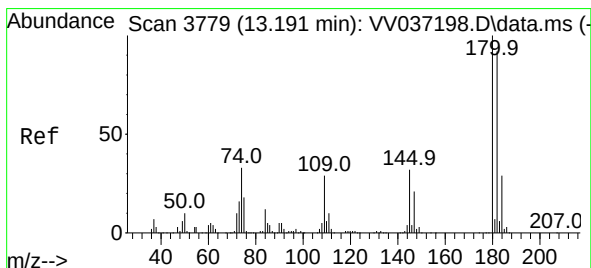
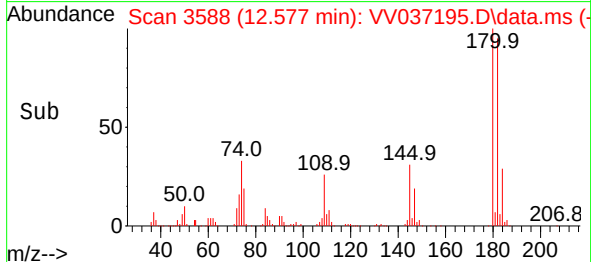
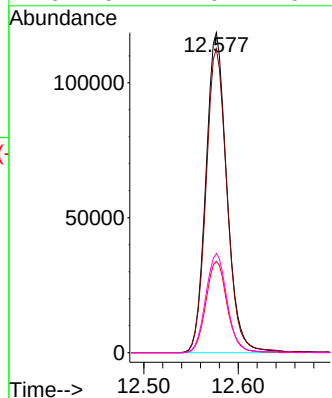
Ion Ratio Lower Upper

180 100

182 95.8 74.6 111.8

184 29.1 23.8 35.8

145 31.7 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 15.534 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

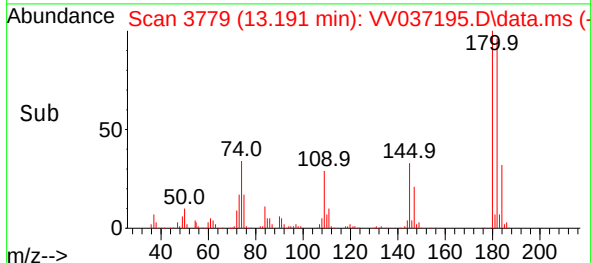
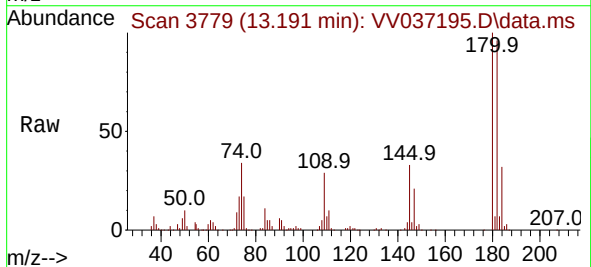
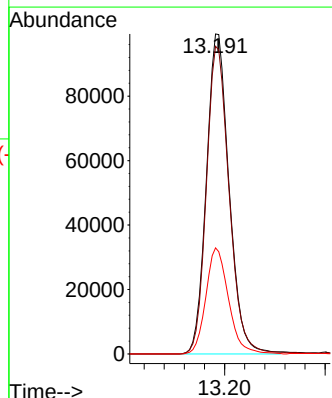
Tgt Ion:180 Resp: 156004

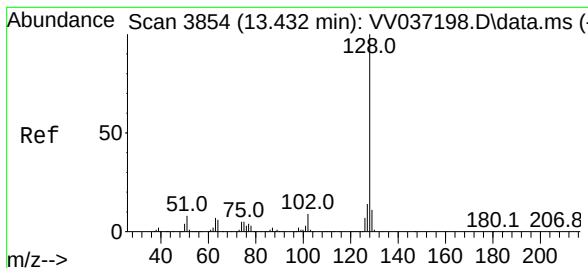
Ion Ratio Lower Upper

180 100

182 96.1 74.9 112.3

145 33.0 25.4 38.0





#71

Naphthalene

Concen: 15.173 ug/L

RT: 13.435 min Scan# 3854

Delta R.T. 0.003 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Instrument :

MSVOA_V

ClientSampleId :

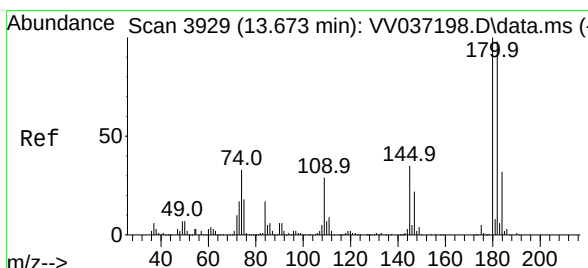
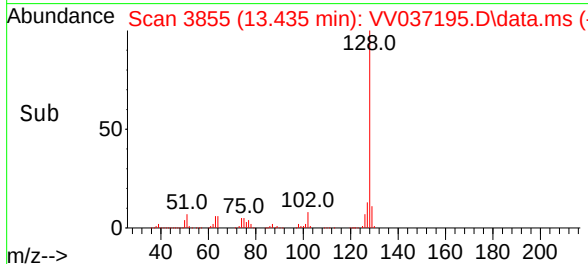
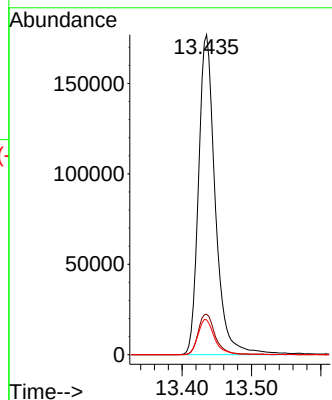
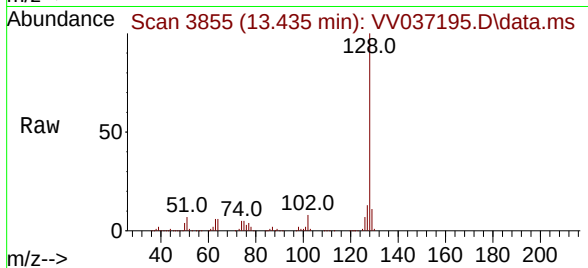
Tgt Ion:128 Resp: 297281

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.9 8.2 12.2



#72

1,2,3-Trichlorobenzene

Concen: 15.805 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037195.D

Acq: 04 Sep 2024 12:29

Tgt Ion:180 Resp: 145762

Ion Ratio Lower Upper

180 100

182 95.4 78.0 117.0

145 34.4 27.9 41.9

