

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037565.D
 Acq On : 26 Sep 2024 21:31
 Operator : SY/MD
 Sample : P4184-13MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 00:57:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	666074	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	641389	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	343946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	257527	44.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.080%
7) Chloroethane-d5	1.532	69	203240	44.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.560%
11) 1,1-Dichloroethene-d2	2.060	65	109863	44.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.940%
21) 2-Butanone-d5	3.793	46	204631	98.257	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.260%
24) Chloroform-d	4.243	84	472278	45.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.937	65	270132	44.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.720%
32) Benzene-d6	4.953	84	926544	46.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	5.986	67	288329	45.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.220%
41) Toluene-d8	7.236	98	848068	46.599	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.548	79	132732	44.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.420%
47) 2-Hexanone-d5	8.024	63	134798	99.886	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.890%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	343535	46.262	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.520%
66) 1,2-Dichlorobenzene-d4	11.554	152	323022	44.569	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	292224	51.535	ug/L	99
3) Chloromethane	1.217	50	280066	50.875	ug/L	100
5) Vinyl chloride	1.285	62	307795	52.153	ug/L	100
6) Bromomethane	1.487	94	165416	50.505	ug/L	99
8) Chloroethane	1.548	64	182511	50.174	ug/L	99
9) Trichlorofluoromethane	1.712	101	407547	51.302	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	241546	50.882	ug/L	98
12) 1,1-Dichloroethene	2.069	96	230305	51.936	ug/L	89
13) Acetone	2.114	43	141273	69.197	ug/L	100
14) Carbon disulfide	2.240	76	677119	48.919	ug/L	100
15) Methyl Acetate	2.372	43	163653	45.933	ug/L	100
16) Methylene chloride	2.446	84	247476	49.289	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	238077	50.750	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	714899	53.117	ug/L	100
19) 1,1-Dichloroethane	3.105	63	1077369	119.866	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	426957	81.330	ug/L	99
22) 2-Butanone	3.873	43	215688	95.449	ug/L	98
23) Bromochloromethane	4.140	128	138797	51.112	ug/L	98
25) Chloroform	4.272	83	472665	50.792	ug/L	98

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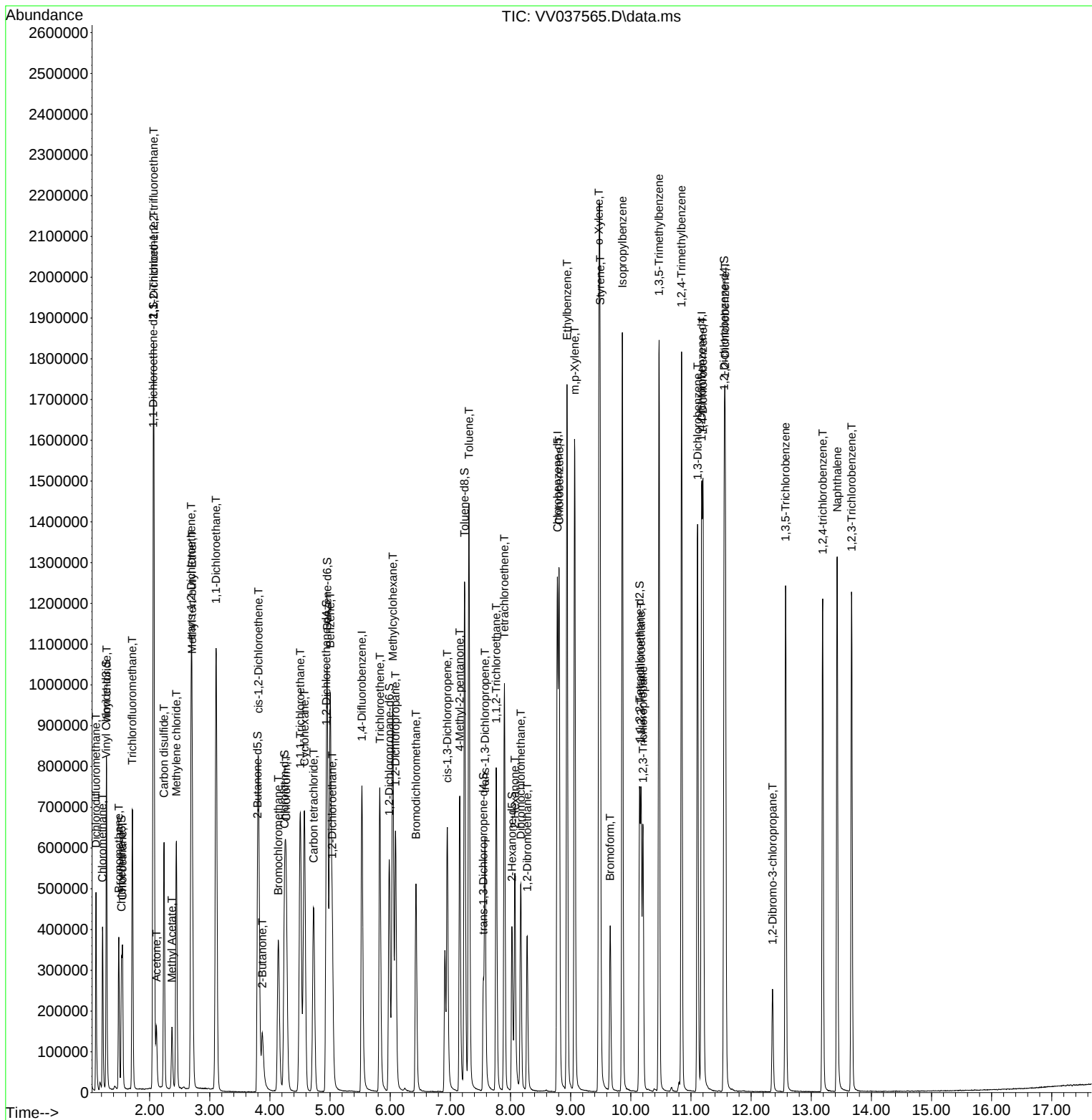
Instrument :
 MSVOA_V
 ClientSampleId :

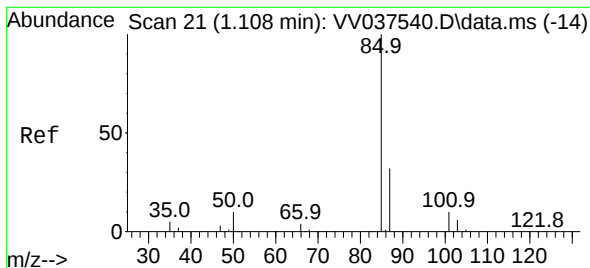
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 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	342660	52.159	ug/L	100
29) Cyclohexane	4.574	56	378073	51.916	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	577413	73.095	ug/L	99
31) Carbon tetrachloride	4.725	117	350484	51.032	ug/L	100
33) Benzene	5.005	78	1003928	51.900	ug/L	100
34) Trichloroethene	5.828	95	273005	52.996	ug/L	99
35) Methylcyclohexane	6.043	83	412229	52.018	ug/L	100
37) 1,2-Dichloropropane	6.088	63	261161	52.284	ug/L	99
38) Bromodichloromethane	6.429	83	350467	52.486	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	415163	52.068	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	466957	114.815	ug/L	99
42) Toluene	7.310	91	1064229	53.070	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	364874	50.828	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	253186	52.788	ug/L	99
46) Tetrachloroethene	7.899	164	218177	55.394	ug/L	98
48) 2-Hexanone	8.072	43	327235	103.476	ug/L	99
49) Dibromochloromethane	8.172	129	264322	52.070	ug/L	100
50) 1,2-Dibromoethane	8.278	107	258900	52.220	ug/L	100
51) Chlorobenzene	8.809	112	700752	51.291	ug/L	100
52) Ethylbenzene	8.940	91	1190998	52.762	ug/L	100
53) m,p-Xylene	9.066	106	456402	54.327	ug/L	100
54) o-Xylene	9.471	106	440276	53.680	ug/L	97
55) Styrene	9.490	104	779048	54.563	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	360124	53.854	ug/L	98
59) Bromoform	9.657	173	175530	52.216	ug/L	98
60) Isopropylbenzene	9.860	105	1186938	53.080	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	257847	52.684	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	956927	54.128	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	965467	54.887	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	556061	51.663	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	572903	51.117	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	543578	51.088	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	63167	53.169	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	371886	50.244	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	354215	51.580	ug/L	99
71) Naphthalene	13.432	128	1026350	57.204	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	357312	52.689	ug/L	99

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

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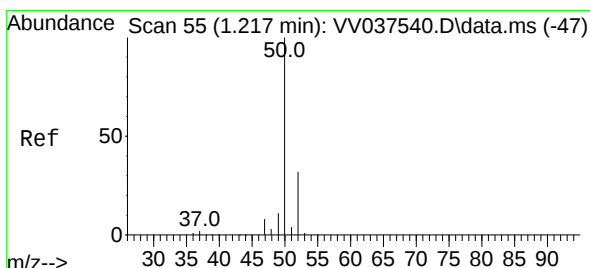
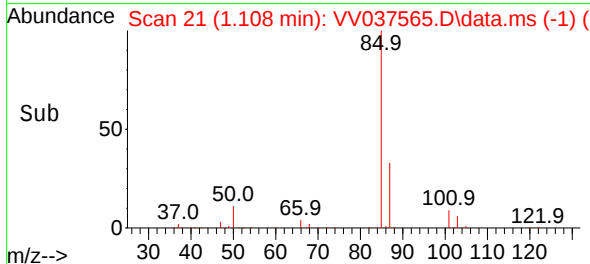
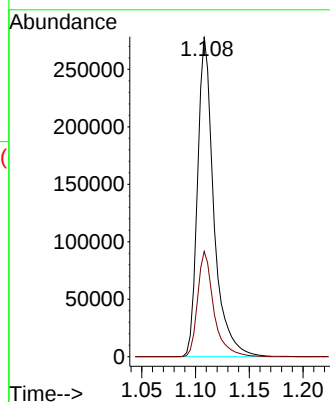
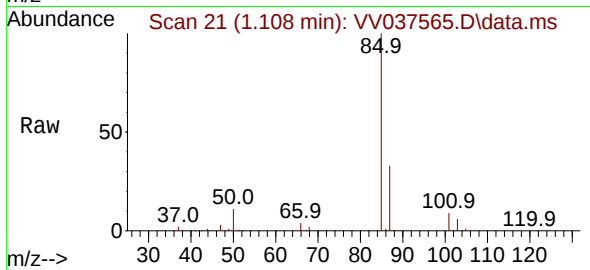




#2
Dichlorodifluoromethane
Concen: 51.535 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

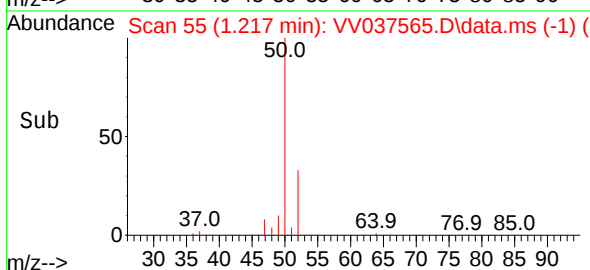
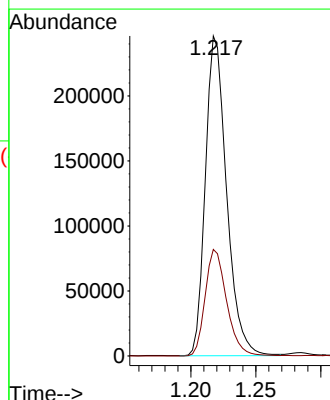
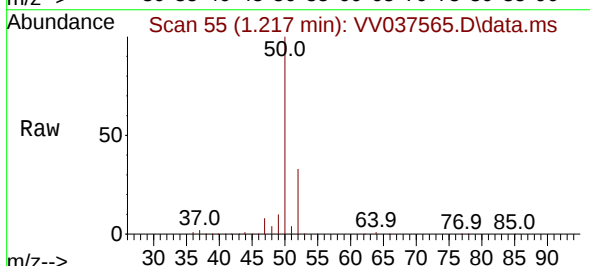
Instrument :
MSVOA_V
ClientSampleId :

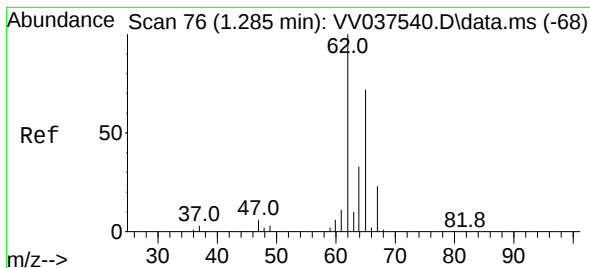
Tgt Ion: 85 Resp: 292224
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.8



#3
Chloromethane
Concen: 50.875 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion: 50 Resp: 280066
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.2





#5

Vinyl chloride

Concen: 52.153 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

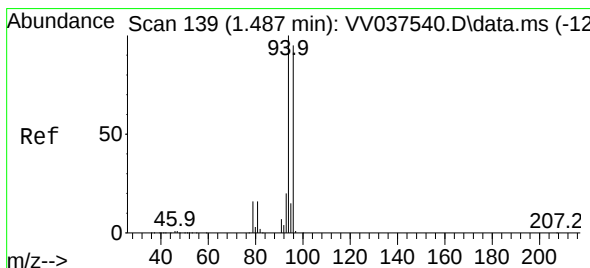
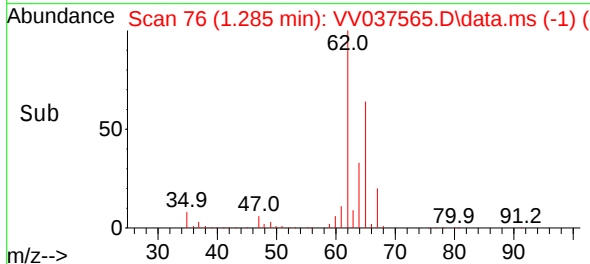
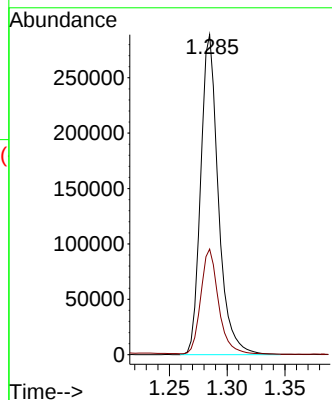
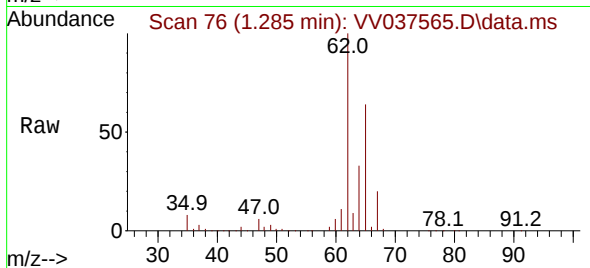
ClientSampleId :

Tgt Ion: 62 Resp: 307795

Ion Ratio Lower Upper

62 100

64 33.0 23.2 43.0



#6

Bromomethane

Concen: 50.505 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037565.D

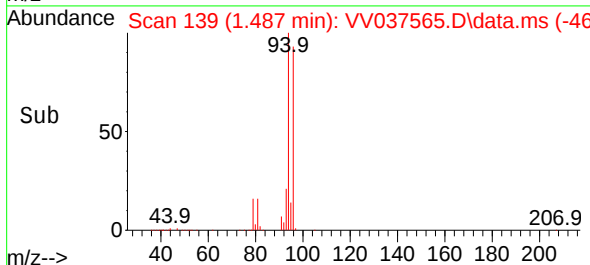
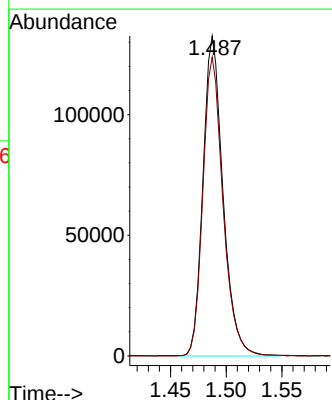
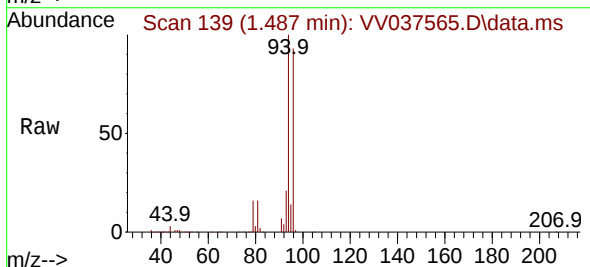
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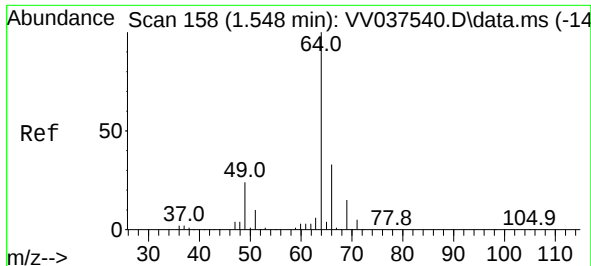
Tgt Ion: 94 Resp: 165416

Ion Ratio Lower Upper

94 100

96 93.5 65.8 122.2

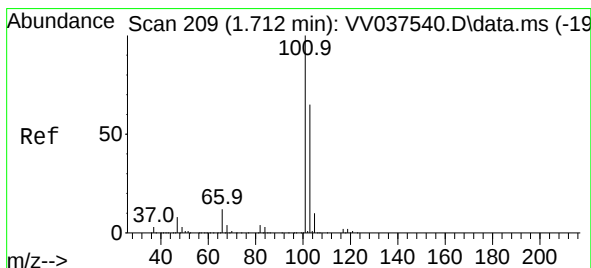
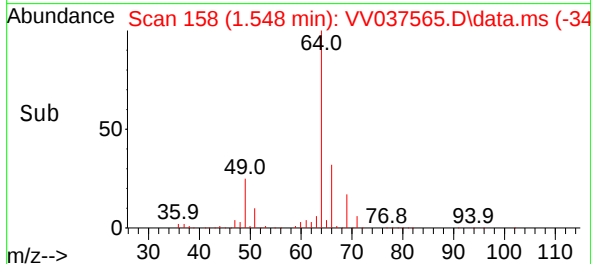
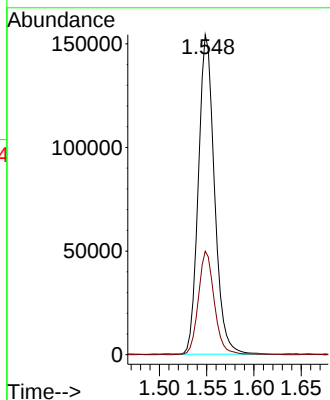
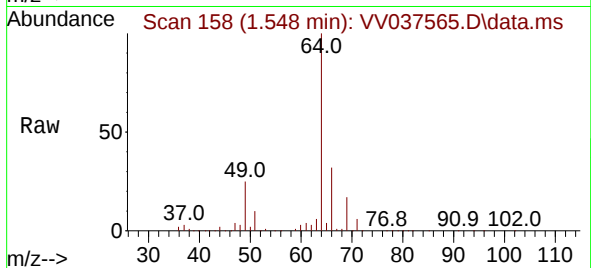




#8
Chloroethane
Concen: 50.174 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

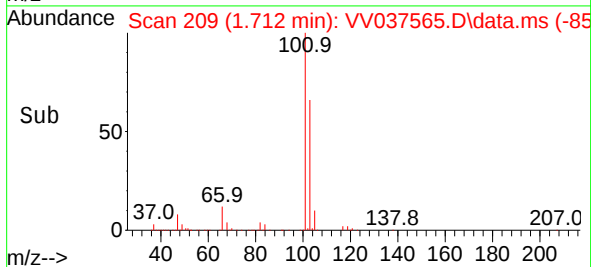
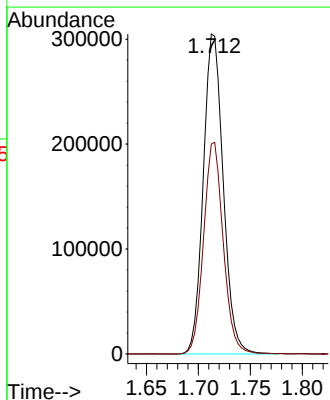
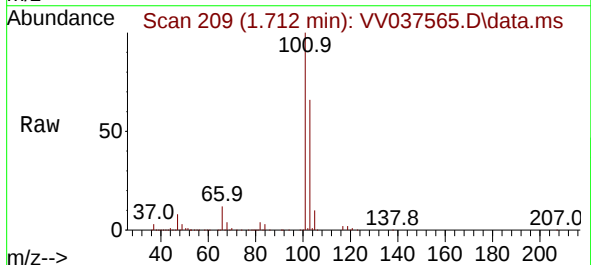
Instrument :
MSVOA_V
ClientSampleId :

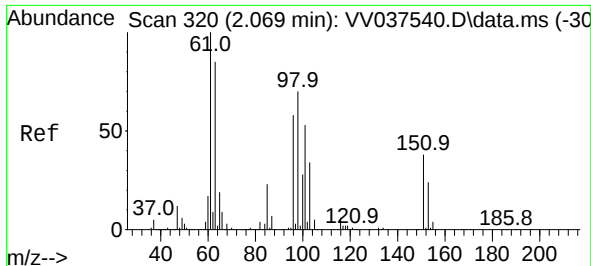
Tgt Ion: 64 Resp: 182511
Ion Ratio Lower Upper
64 100
66 32.4 22.2 41.2



#9
Trichlorofluoromethane
Concen: 51.302 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion:101 Resp: 407547
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.4

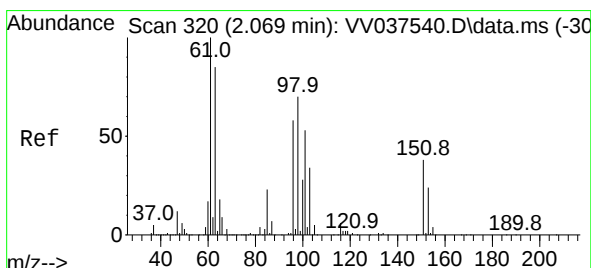
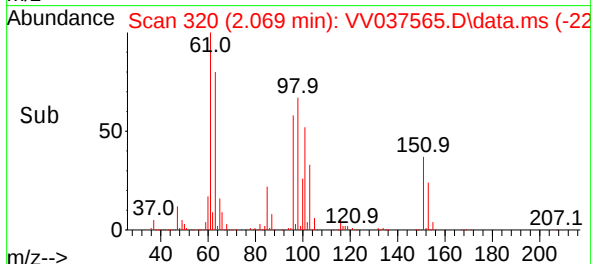
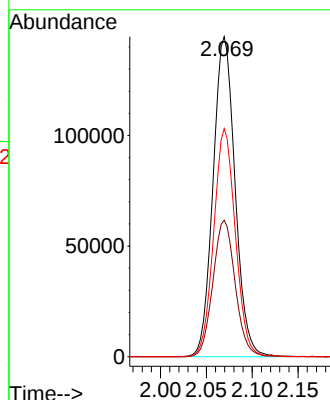
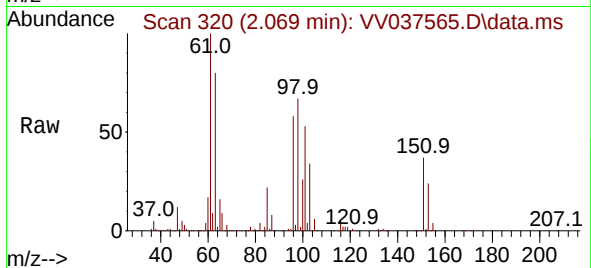




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.882 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV037565.D
 Acq: 26 Sep 2024 21:31

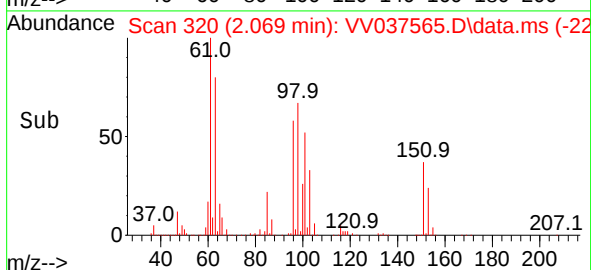
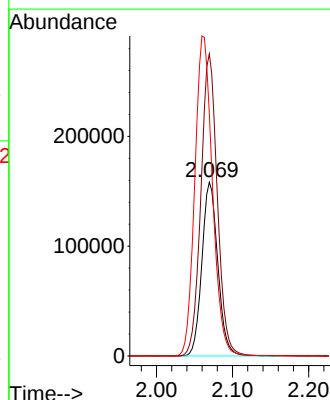
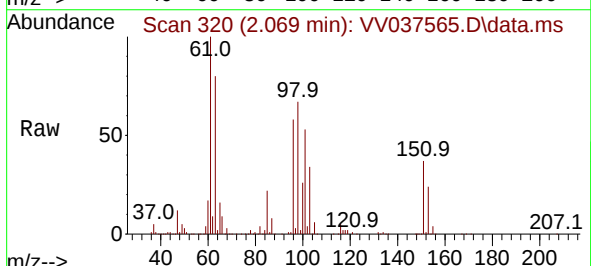
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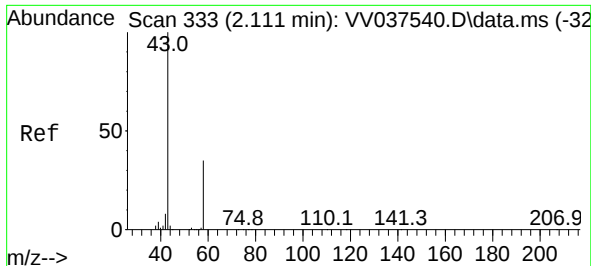
Tgt Ion:101 Resp: 241546
 Ion Ratio Lower Upper
 101 100
 85 43.0 34.6 52.0
 151 70.1 57.5 86.3



#12
 1,1-Dichloroethene
 Concen: 51.936 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV037565.D
 Acq: 26 Sep 2024 21:31

Tgt Ion: 96 Resp: 230305
 Ion Ratio Lower Upper
 96 100
 61 173.8 122.6 227.6
 63 139.7 118.0 219.2





#13

Acetone

Concen: 69.197 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

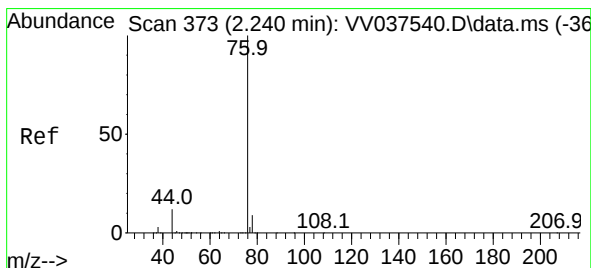
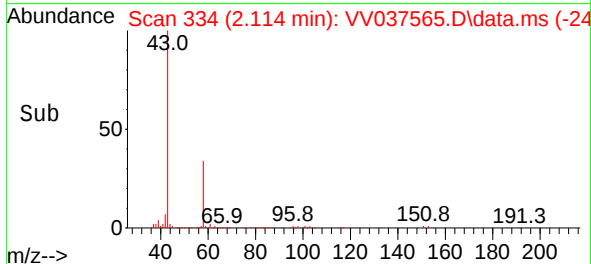
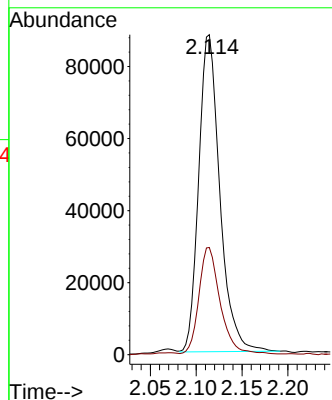
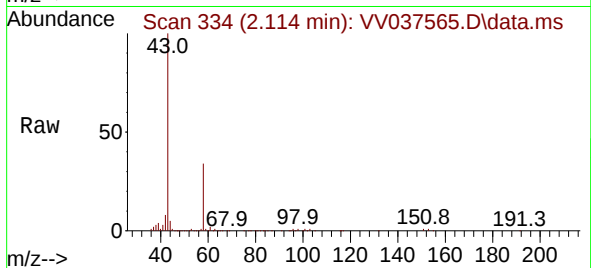
ClientSampleId :

Tgt Ion: 43 Resp: 141273

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.6



#14

Carbon disulfide

Concen: 48.919 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV037565.D

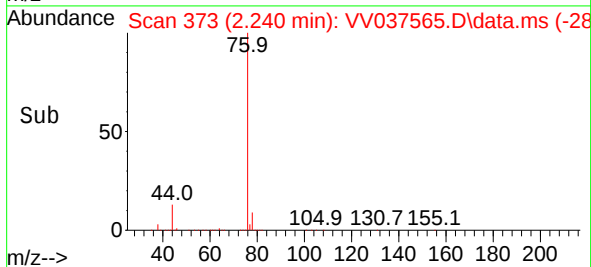
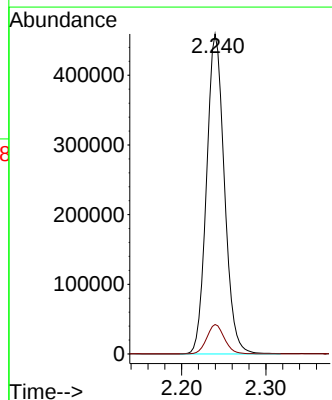
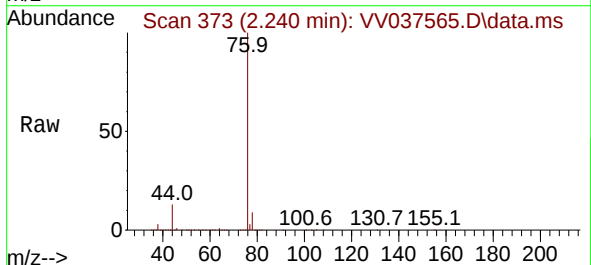
Acq: 26 Sep 2024 21:31

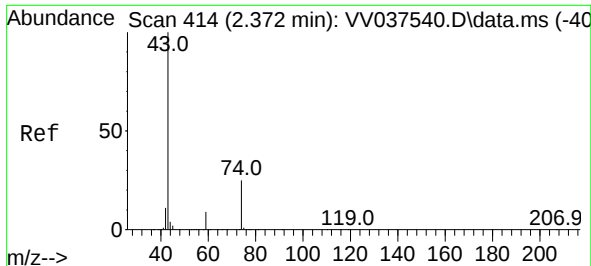
Tgt Ion: 76 Resp: 677119

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 45.933 ug/L

RT: 2.372 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

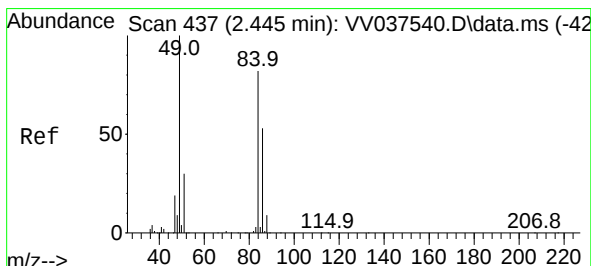
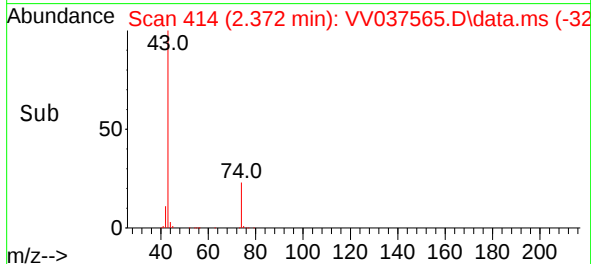
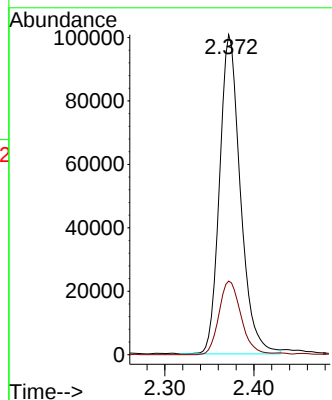
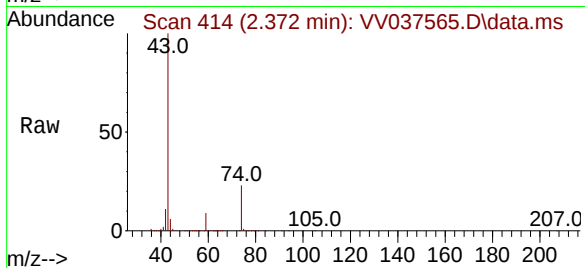
ClientSampleId :

Tgt Ion: 43 Resp: 163653

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.0



#16

Methylene chloride

Concen: 49.289 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

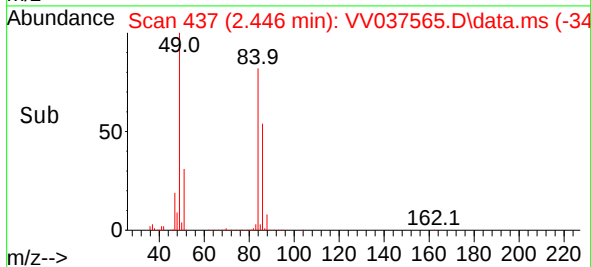
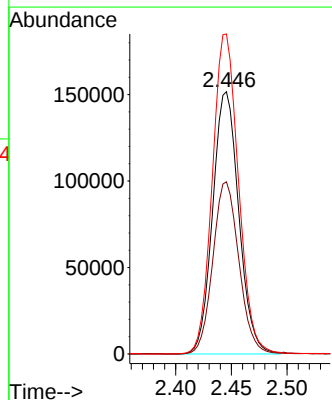
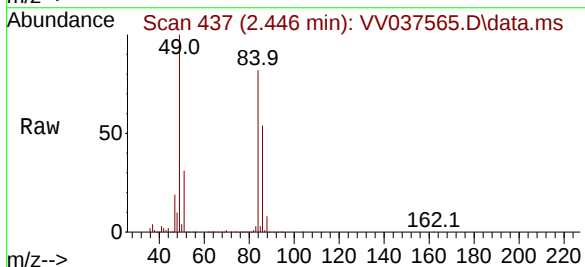
Tgt Ion: 84 Resp: 247476

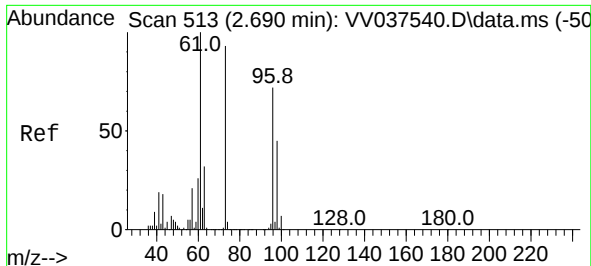
Ion Ratio Lower Upper

84 100

86 65.7 46.4 86.2

49 122.0 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 50.750 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :

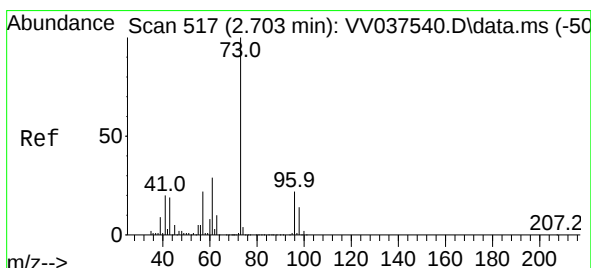
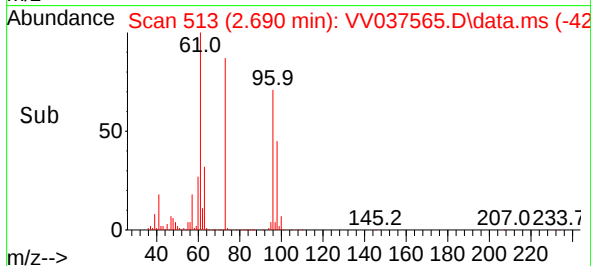
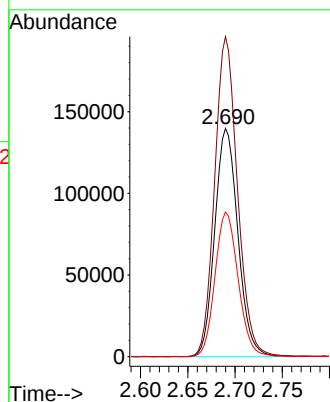
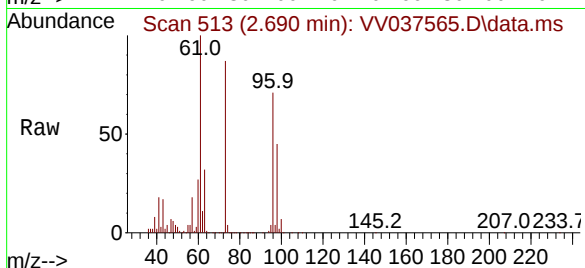
Tgt Ion: 96 Resp: 238077

Ion Ratio Lower Upper

96 100

61 140.2 97.3 180.7

98 63.3 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 53.117 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

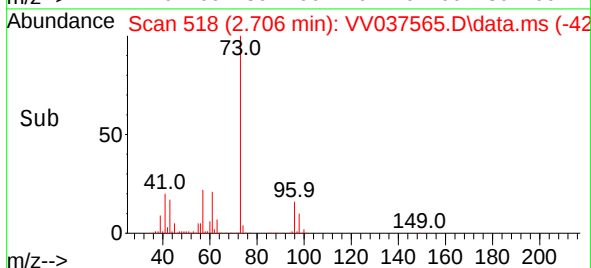
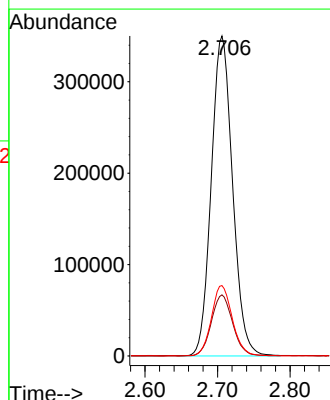
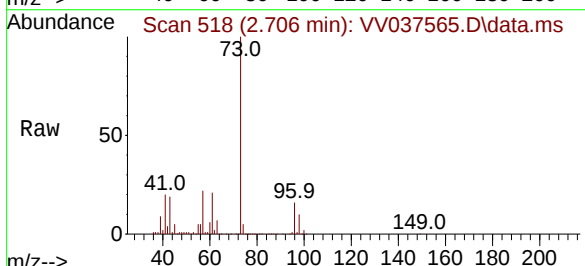
Tgt Ion: 73 Resp: 714899

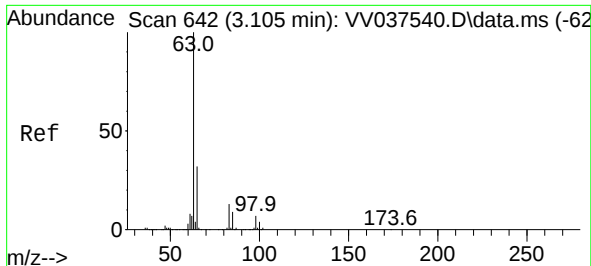
Ion Ratio Lower Upper

73 100

43 18.9 15.1 22.7

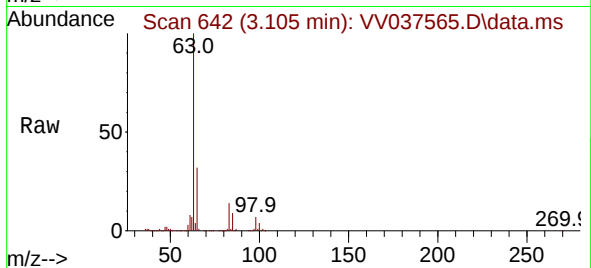
57 21.6 17.4 26.2





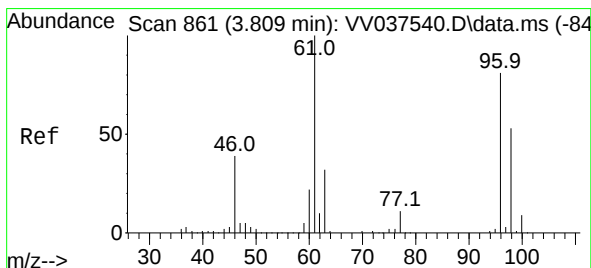
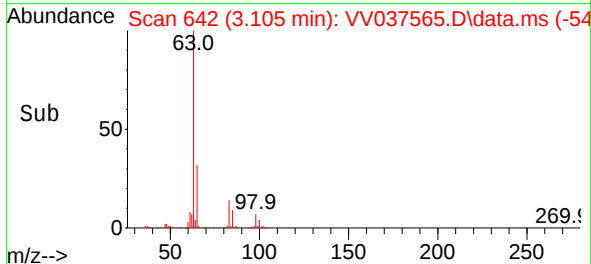
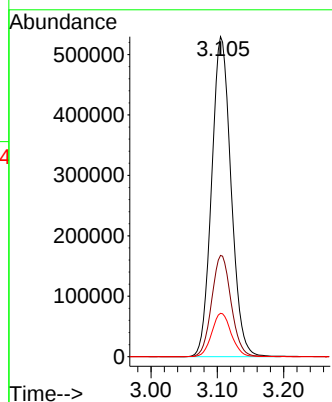
#19
1,1-Dichloroethane
Concen: 119.866 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 1077369

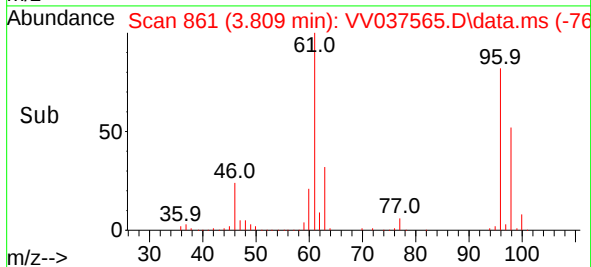
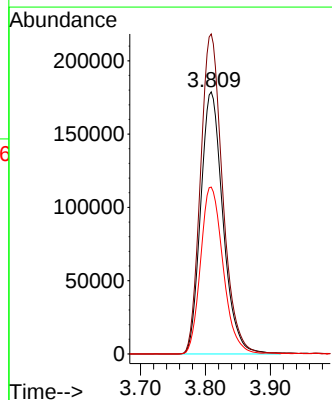
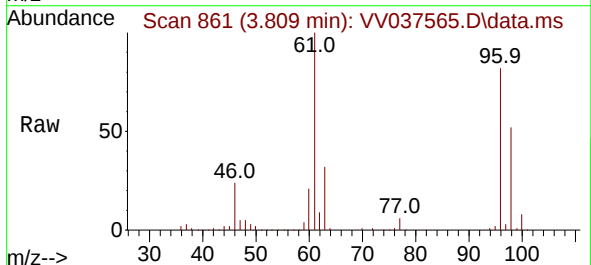
Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.4	41.6
83	13.5	9.5	17.7

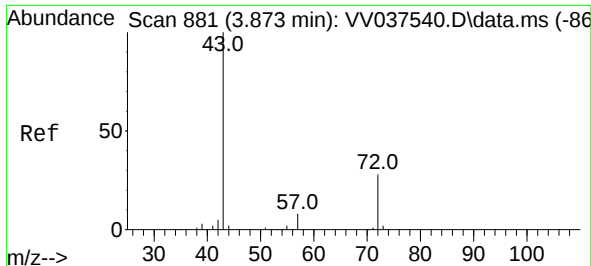


#20
cis-1,2-Dichloroethene
Concen: 81.330 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion: 96 Resp: 426957

Ion	Ratio	Lower	Upper
96	100		
61	122.1	85.0	157.8
98	63.7	44.2	82.0

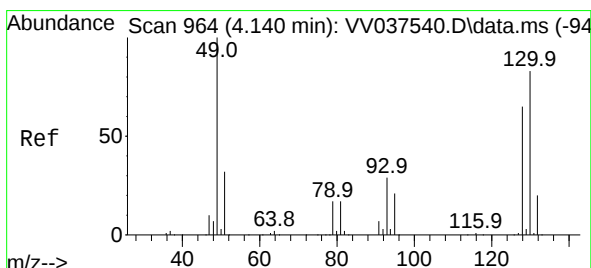
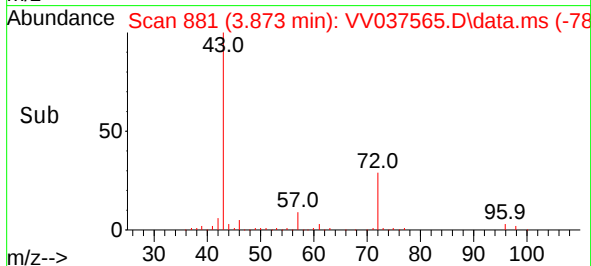
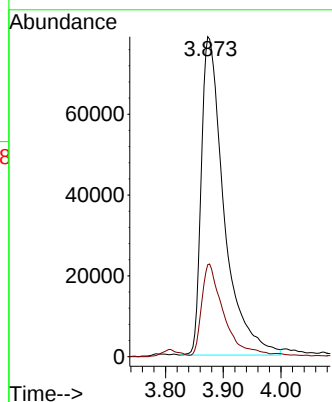
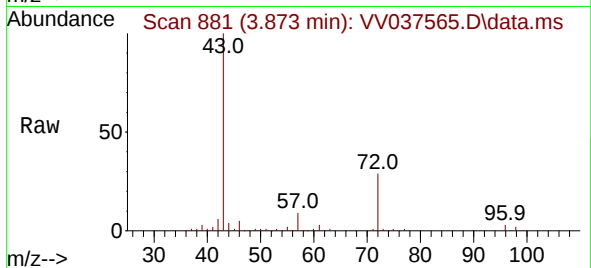




#22
2-Butanone
Concen: 95.449 ug/L
RT: 3.873 min Scan# 881
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

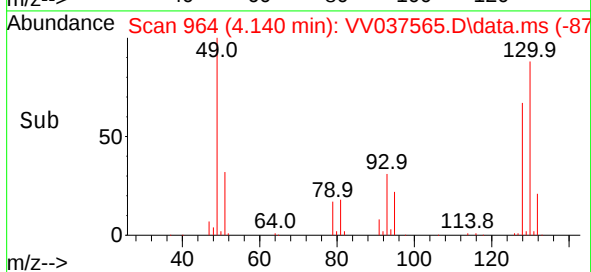
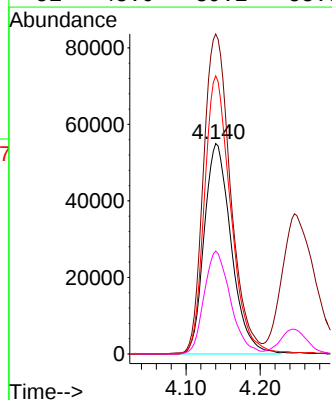
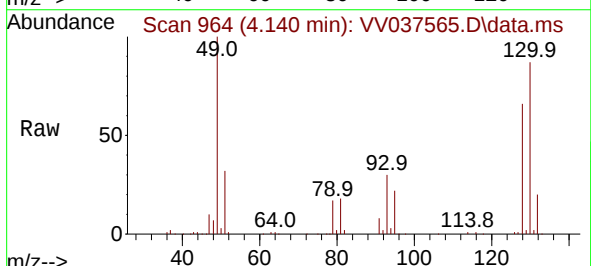
Instrument :
MSVOA_V
ClientSampleId :

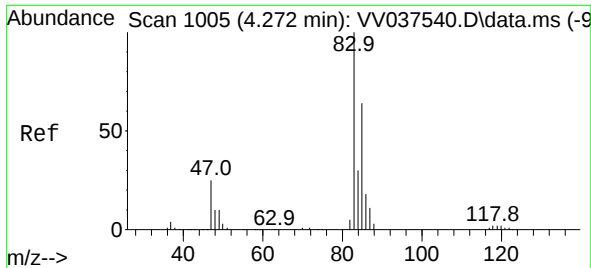
Tgt Ion: 43 Resp: 215688
Ion Ratio Lower Upper
43 100
72 27.3 14.3 42.9



#23
Bromochloromethane
Concen: 51.112 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion:128 Resp: 138797
Ion Ratio Lower Upper
128 100
49 152.1 108.7 201.9
130 132.2 90.4 168.0
51 48.9 39.2 58.8

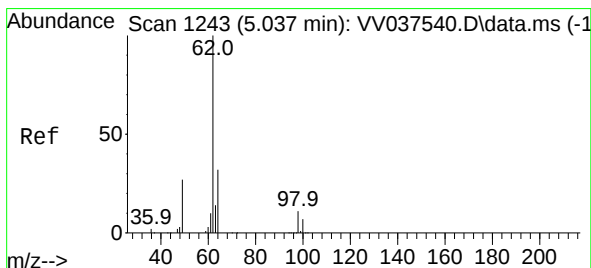
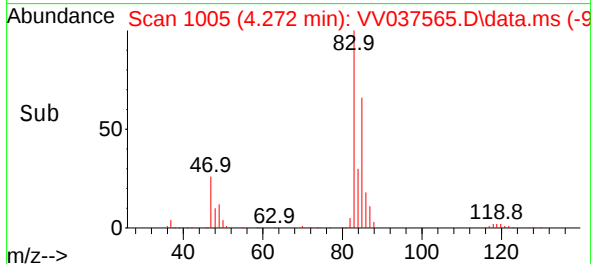
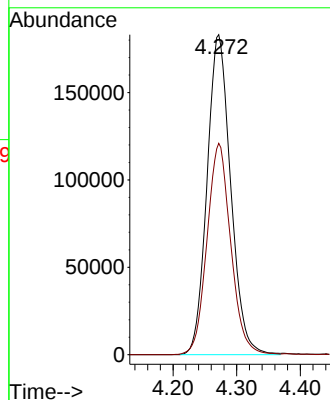
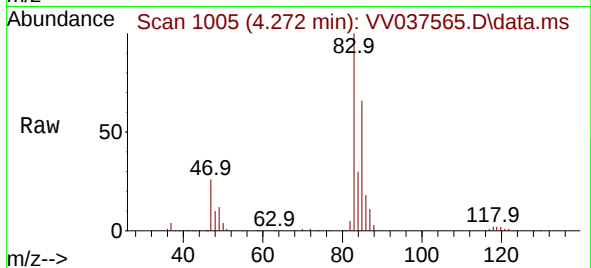




#25
Chloroform
Concen: 50.792 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

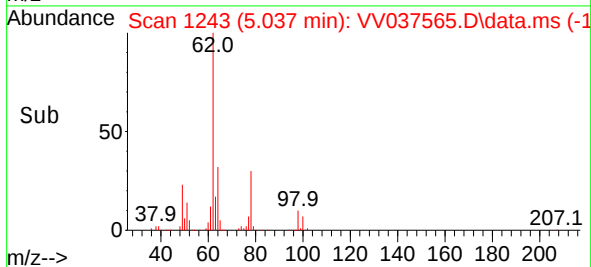
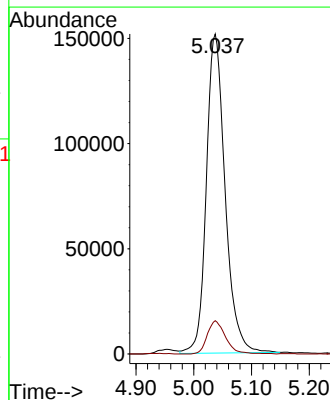
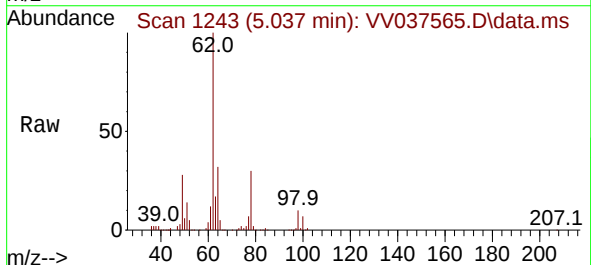
Instrument :
MSVOA_V
ClientSampleId :

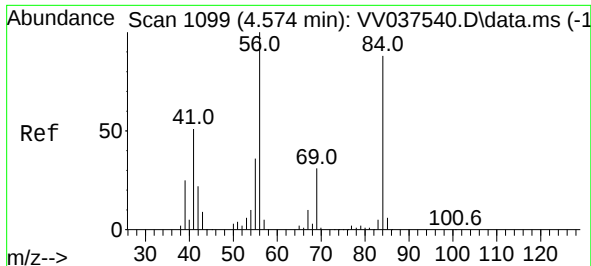
Tgt Ion: 83 Resp: 472665
Ion Ratio Lower Upper
83 100
85 66.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 52.159 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion: 62 Resp: 342660
Ion Ratio Lower Upper
62 100
98 10.4 8.4 12.6





#29

Cyclohexane

Concen: 51.916 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :

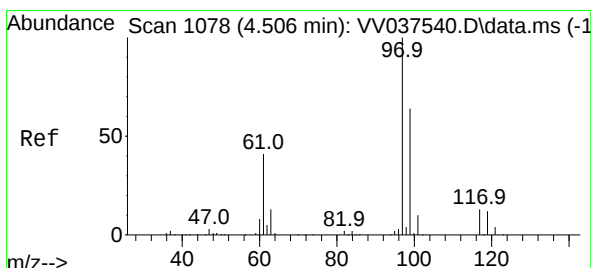
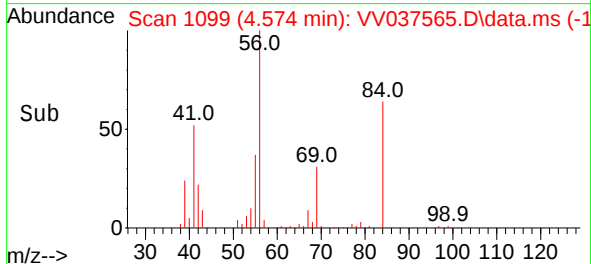
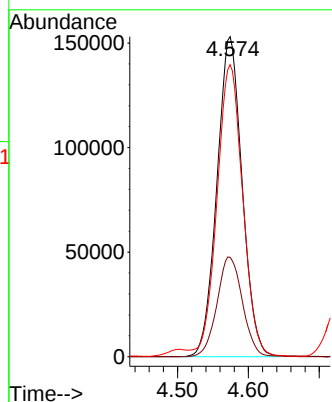
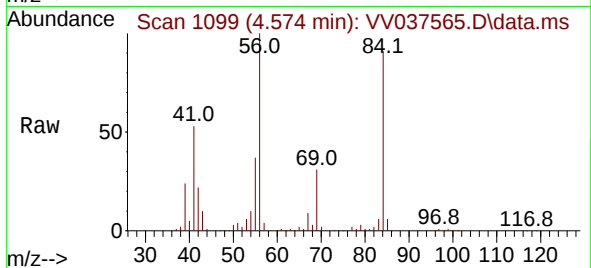
Tgt Ion: 56 Resp: 378073

Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

84 92.7 73.4 110.0



#30

1,1,1-Trichloroethane

Concen: 73.095 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

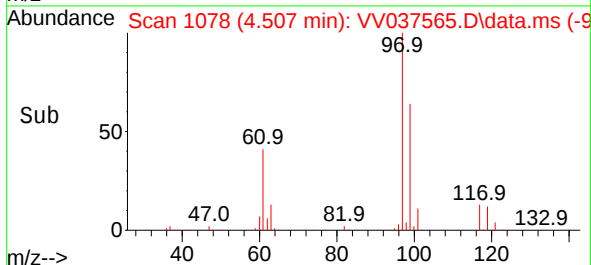
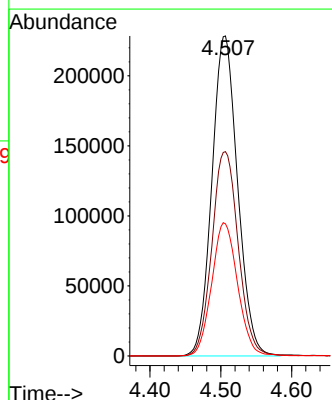
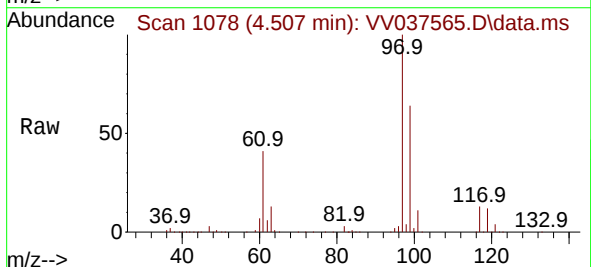
Tgt Ion: 97 Resp: 577413

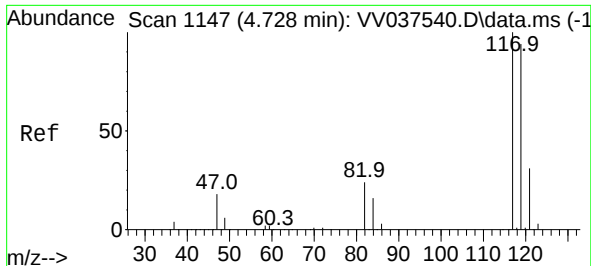
Ion Ratio Lower Upper

97 100

99 65.3 51.8 77.6

61 42.0 33.6 50.4

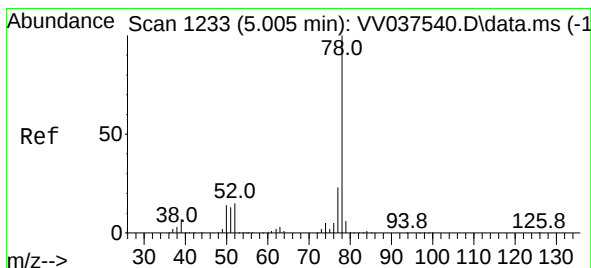
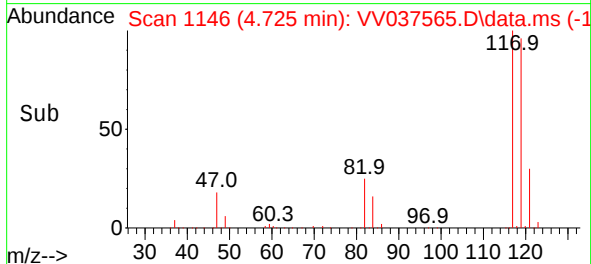
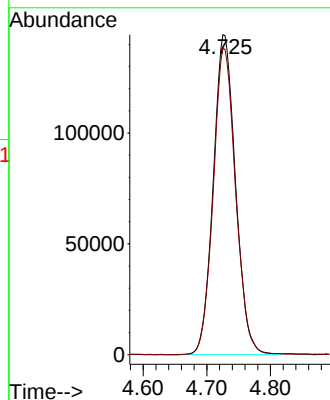
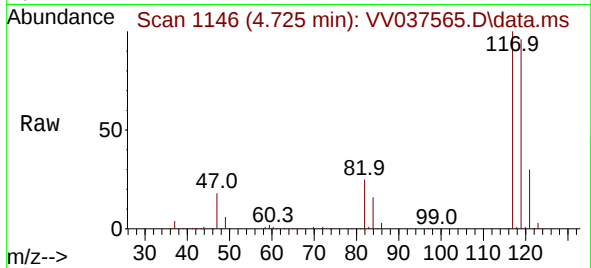




#31
Carbon tetrachloride
Concen: 51.032 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

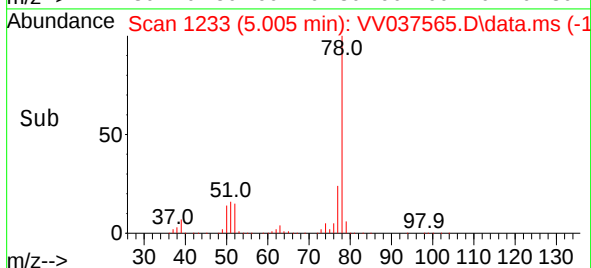
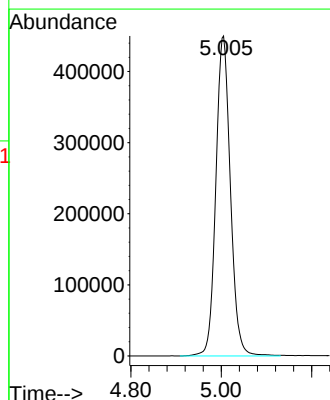
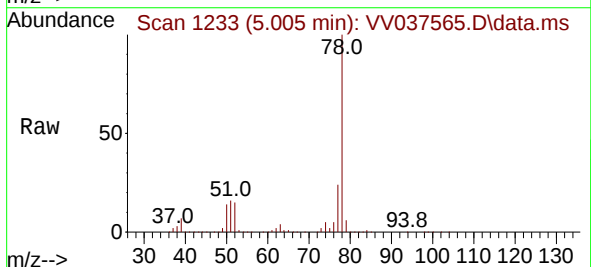
Instrument :
MSVOA_V
ClientSampleId :

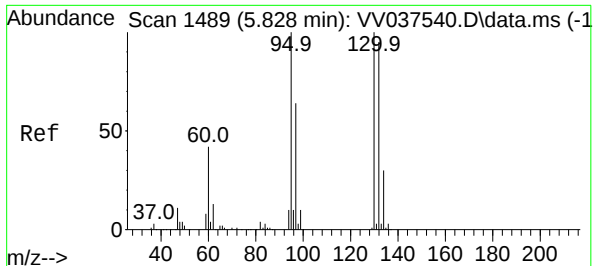
Tgt Ion:117 Resp: 350484
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3



#33
Benzene
Concen: 51.900 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion: 78 Resp: 1003928





#34

Trichloroethene

Concen: 52.996 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

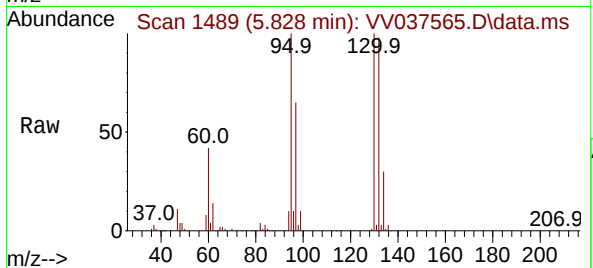
Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 273005

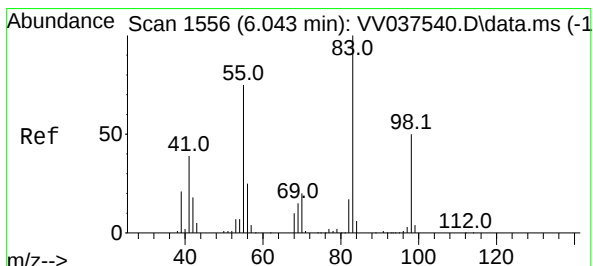
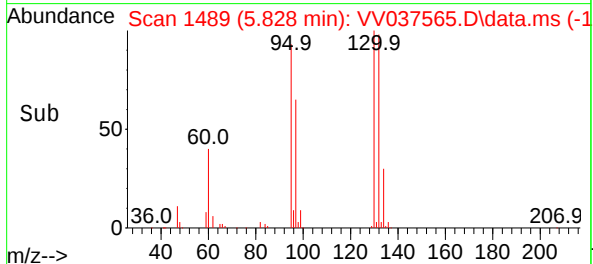
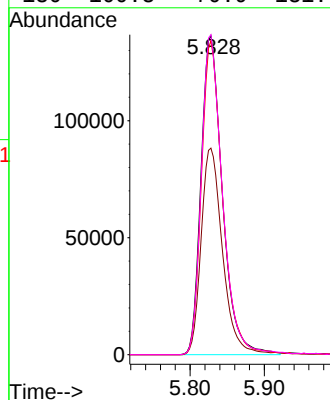
Ion Ratio Lower Upper

95 100

97 64.8 46.3 85.9

132 98.4 68.6 127.4

130 100.3 70.9 131.7



#35

Methylcyclohexane

Concen: 52.018 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

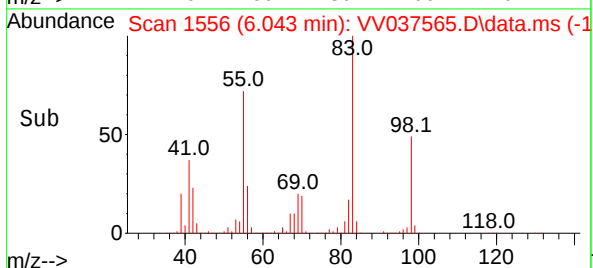
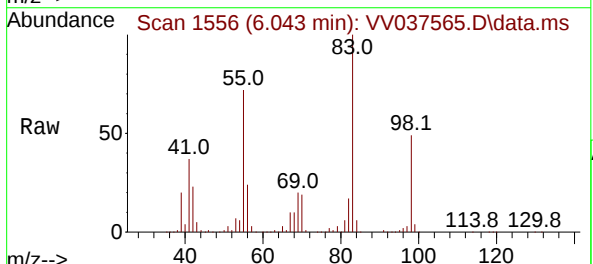
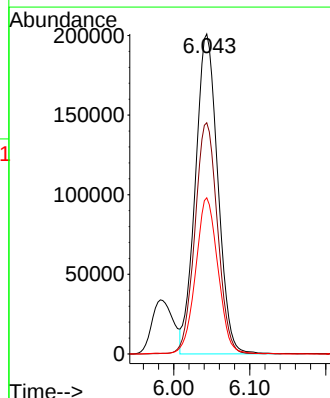
Tgt Ion: 83 Resp: 412229

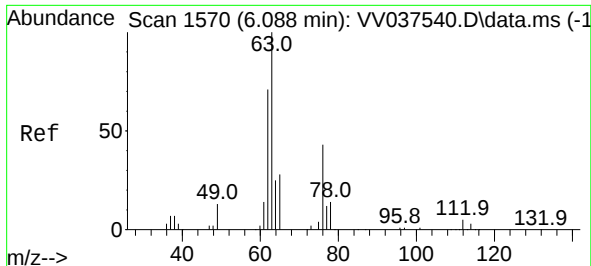
Ion Ratio Lower Upper

83 100

55 72.6 57.9 86.9

98 48.8 39.3 58.9

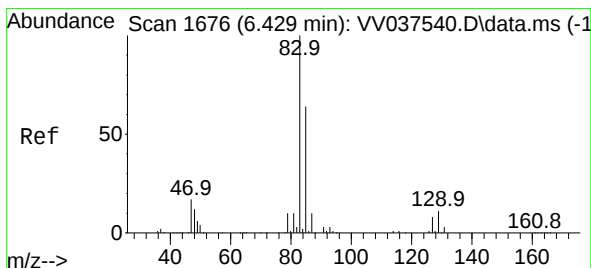
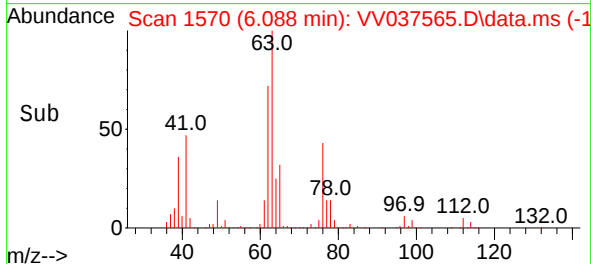
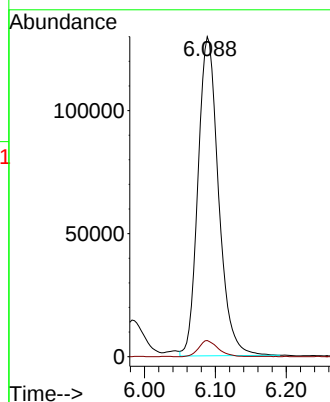
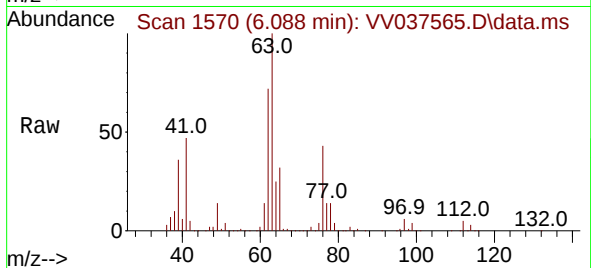




#37
1,2-Dichloropropane
Concen: 52.284 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

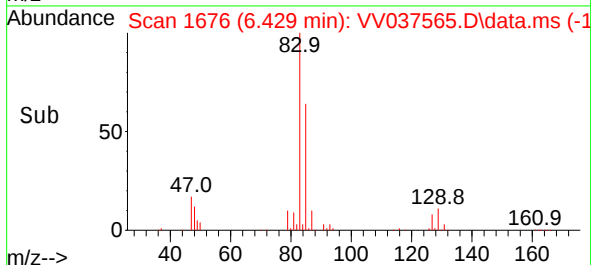
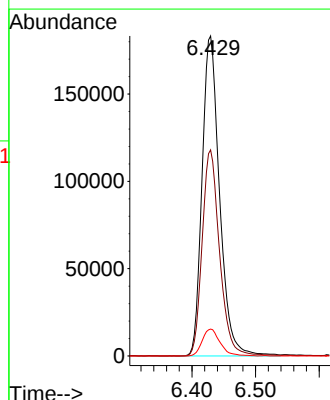
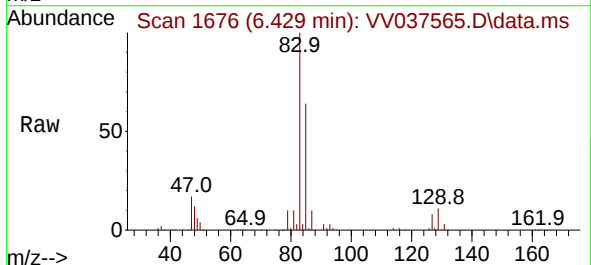
Instrument :
MSVOA_V
ClientSampleId :

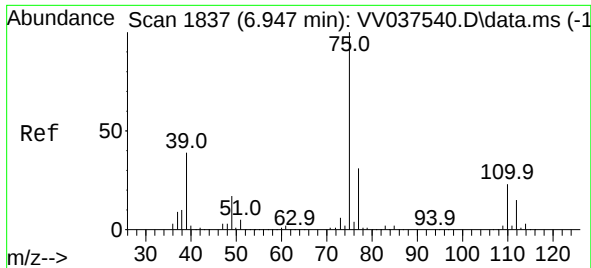
Tgt Ion: 63 Resp: 261161
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3



#38
Bromodichloromethane
Concen: 52.486 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion: 83 Resp: 350467
Ion Ratio Lower Upper
83 100
85 64.4 45.7 84.9
127 9.3 7.0 10.4

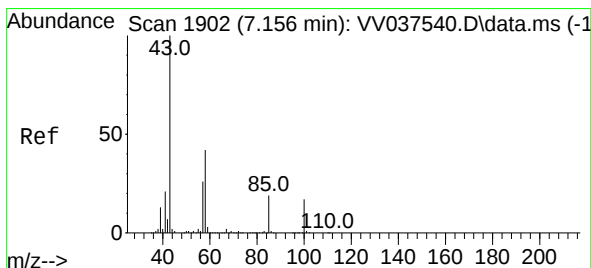
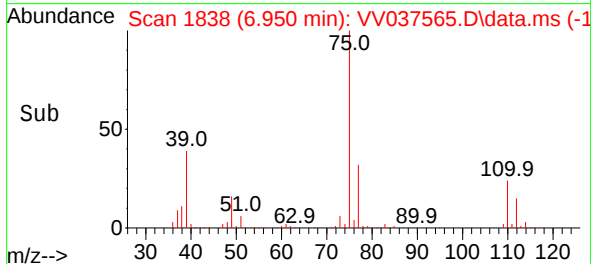
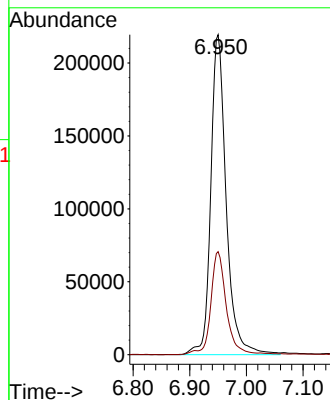
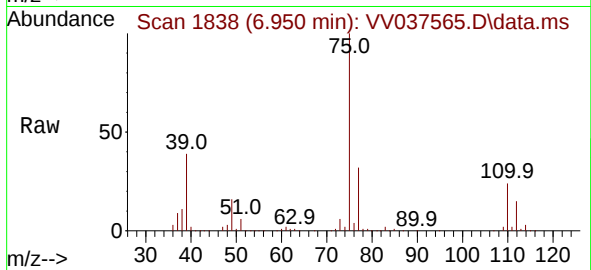




#39
cis-1,3-Dichloropropene
Concen: 52.068 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.003 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

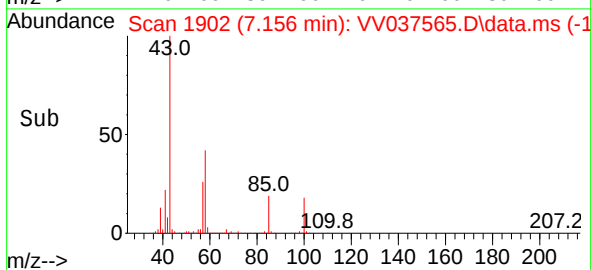
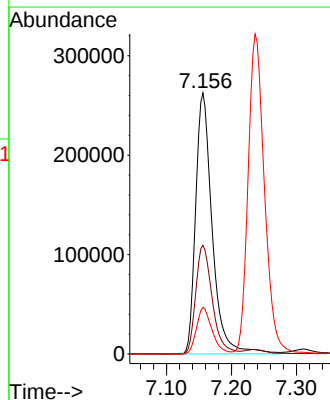
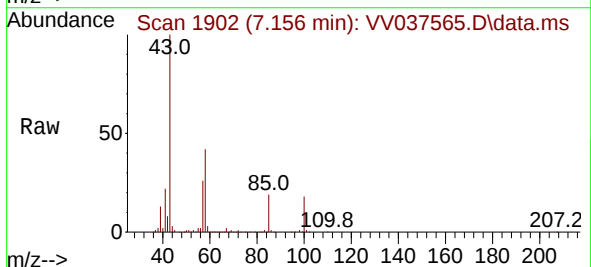
Instrument :
MSVOA_V
ClientSampleId :

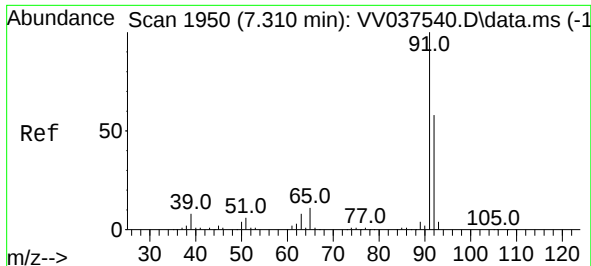
Tgt Ion: 75 Resp: 415163
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 114.815 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion: 43 Resp: 466957
Ion Ratio Lower Upper
43 100
58 41.5 33.0 49.4
100 16.7 13.7 20.5





#42

Toluene

Concen: 53.070 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

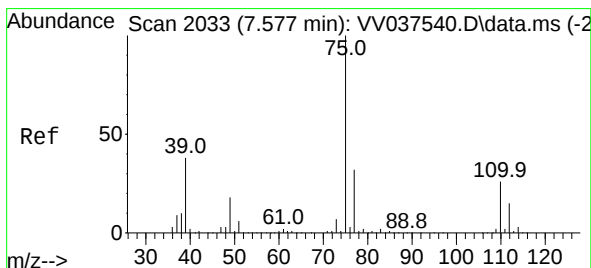
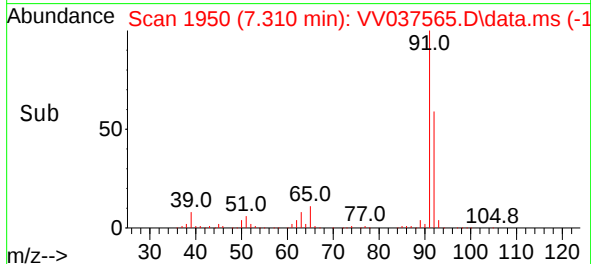
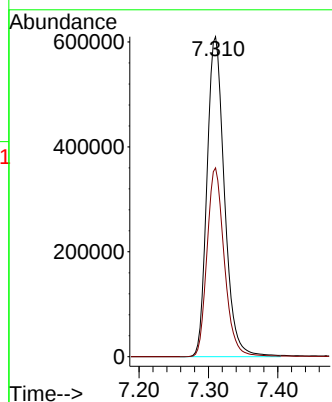
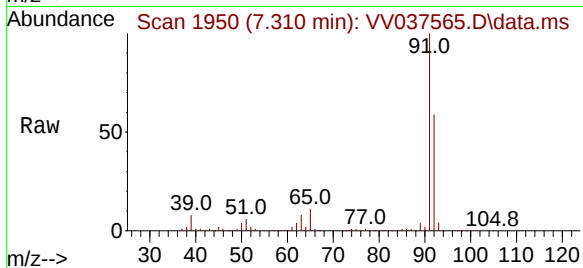
ClientSampleId :

Tgt Ion: 91 Resp: 1064229

Ion Ratio Lower Upper

91 100

92 59.0 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 50.828 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037565.D

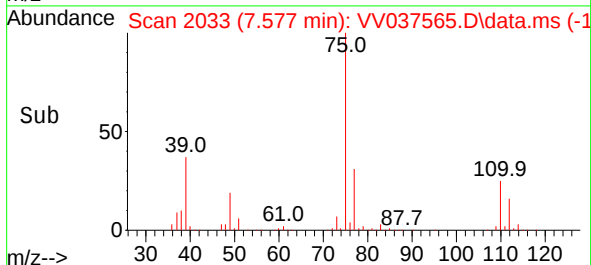
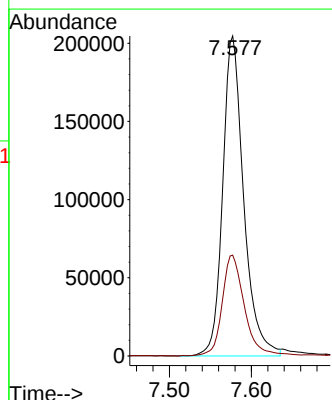
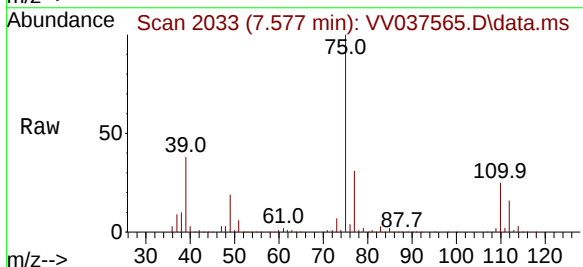
Acq: 26 Sep 2024 21:31

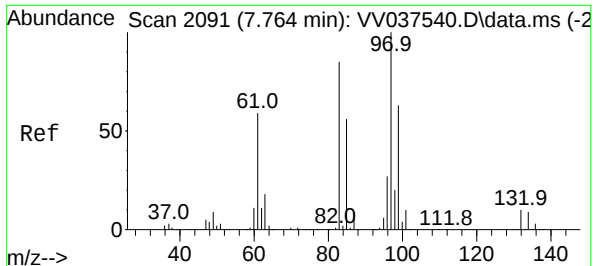
Tgt Ion: 75 Resp: 364874

Ion Ratio Lower Upper

75 100

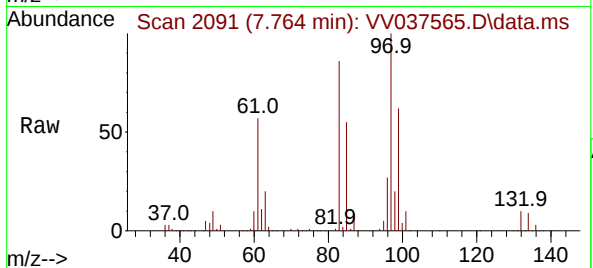
77 31.5 21.9 40.7



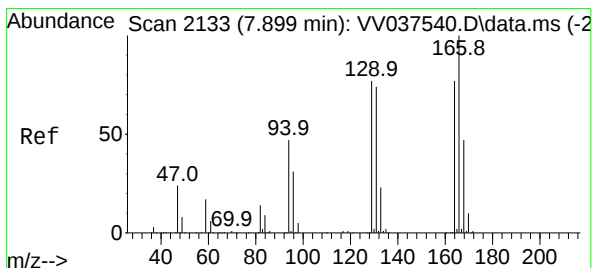
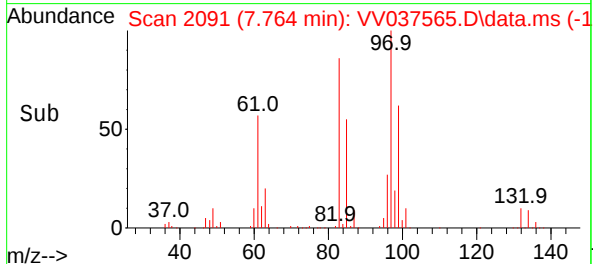
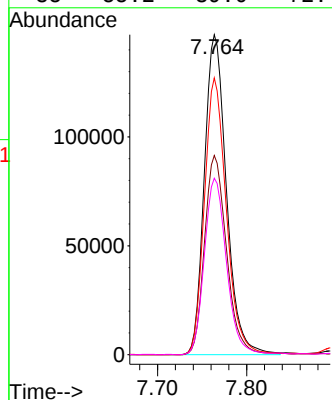


#45
1,1,2-Trichloroethane
Concen: 52.788 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Instrument :
MSVOA_V
ClientSampleId :

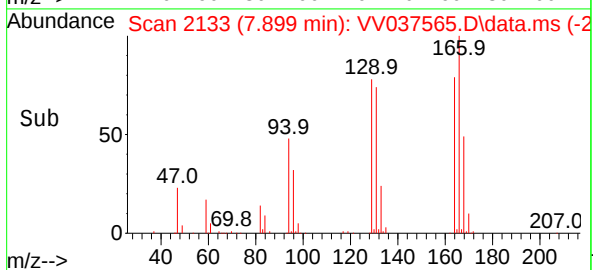
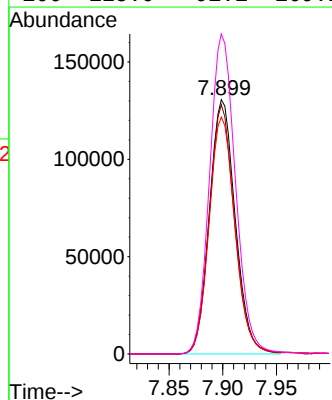
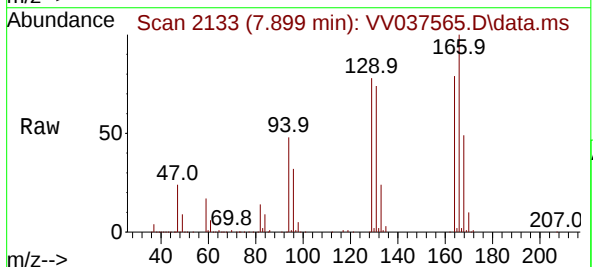


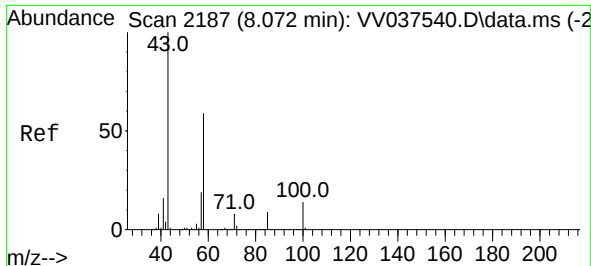
Tgt Ion:	97	Resp:	253186
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.1	81.9
83	86.5	59.3	110.1
85	55.2	39.0	72.4



#46
Tetrachloroethene
Concen: 55.394 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion:	164	Resp:	218177
Ion	Ratio	Lower	Upper
164	100		
129	98.1	68.2	126.6
131	93.2	66.1	122.8
166	125.9	91.1	169.1





#48

2-Hexanone

Concen: 103.476 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

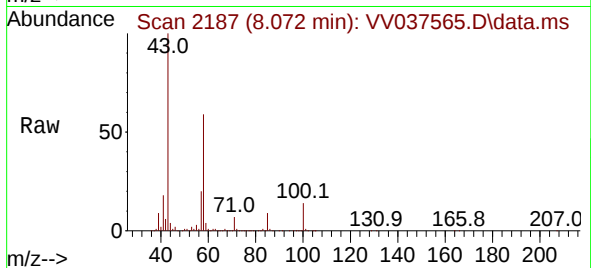
Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 327235

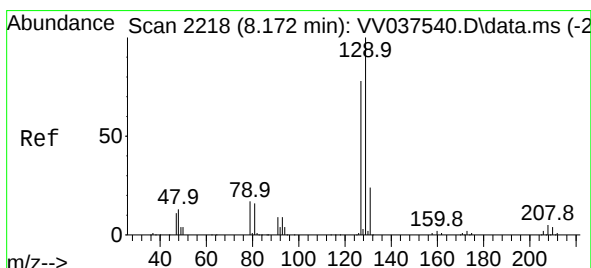
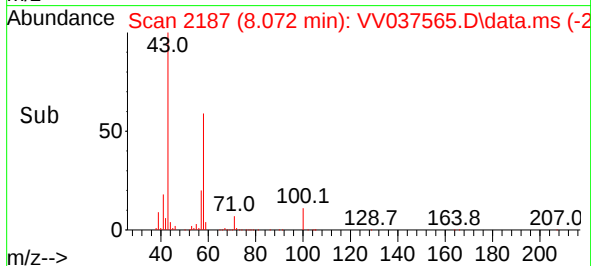
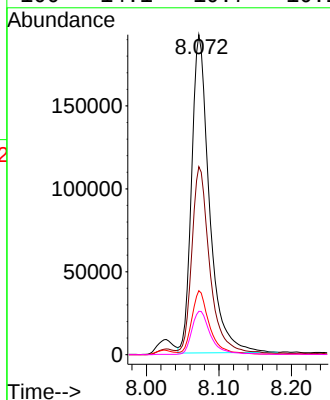
Ion Ratio Lower Upper

43 100

58 58.0 46.5 69.7

57 20.2 15.1 22.7

100 14.1 10.7 16.1



#49

Dibromochloromethane

Concen: 52.070 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV037565.D

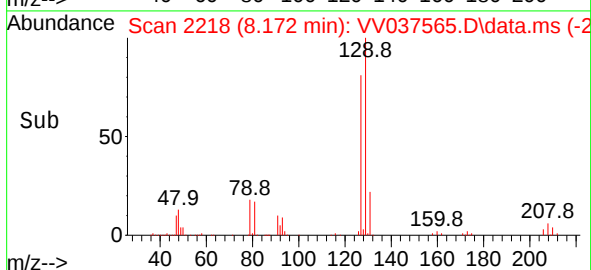
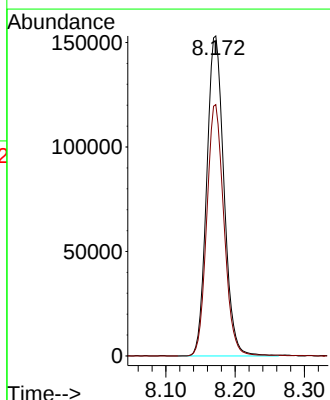
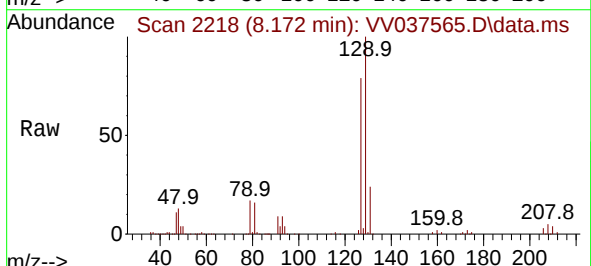
Acq: 26 Sep 2024 21:31

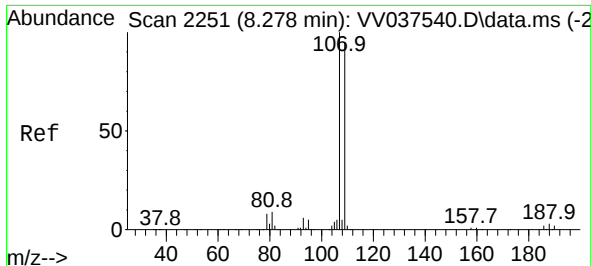
Tgt Ion: 129 Resp: 264322

Ion Ratio Lower Upper

129 100

127 78.6 54.9 101.9

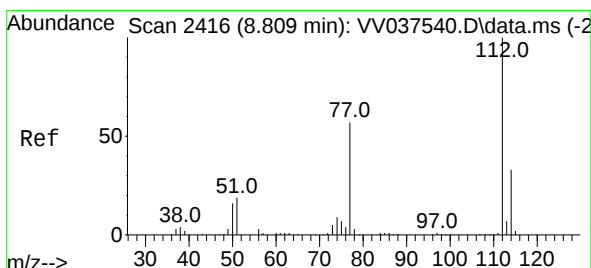
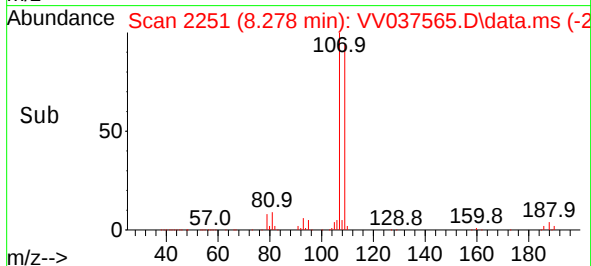
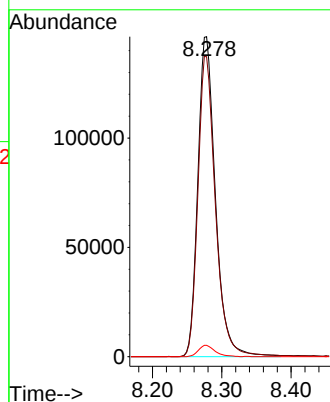
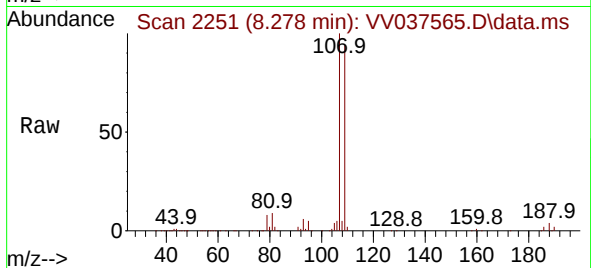




#50
1,2-Dibromoethane
Concen: 52.220 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

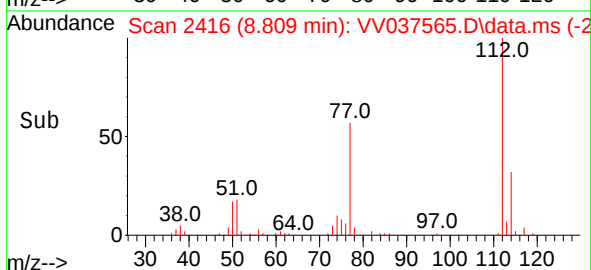
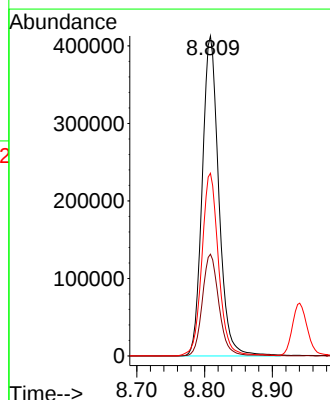
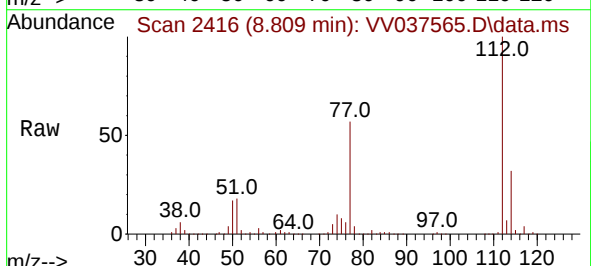
Instrument :
MSVOA_V
ClientSampleId :

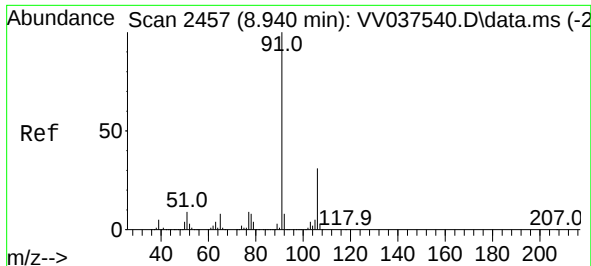
Tgt Ion:107 Resp: 258900
Ion Ratio Lower Upper
107 100
109 93.7 65.7 121.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 51.291 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion:112 Resp: 700752
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.7
77 57.1 45.8 68.8





#52

Ethylbenzene

Concen: 52.762 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

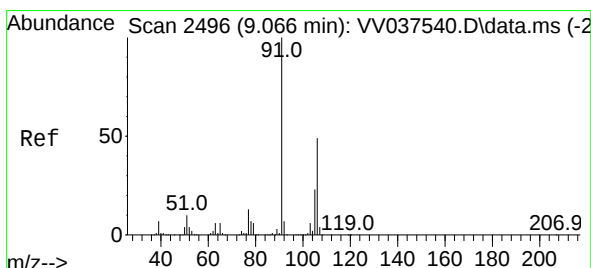
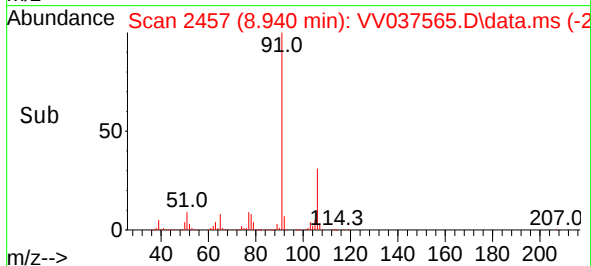
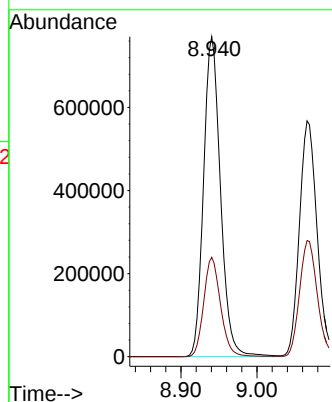
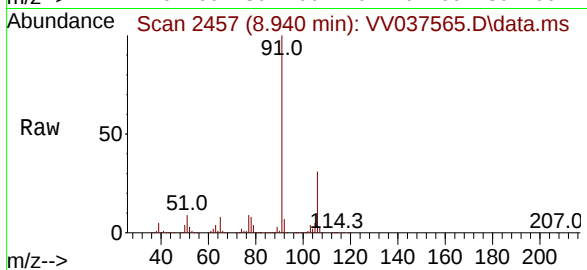
ClientSampleId :

Tgt Ion: 91 Resp: 1190998

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-Xylene

Concen: 54.327 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037565.D

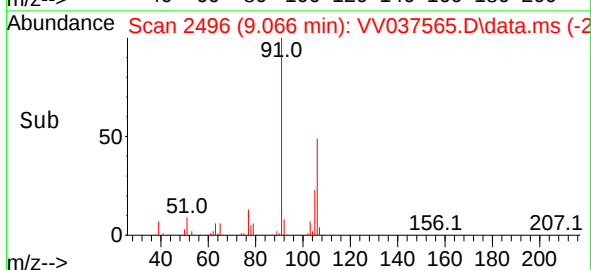
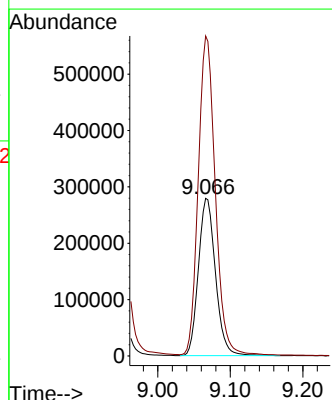
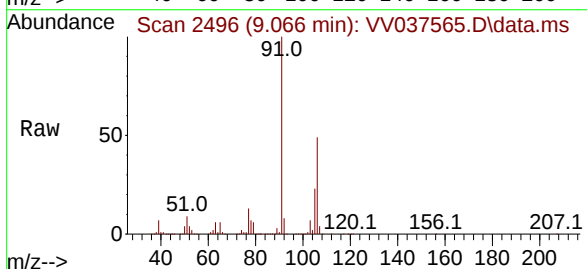
Acq: 26 Sep 2024 21:31

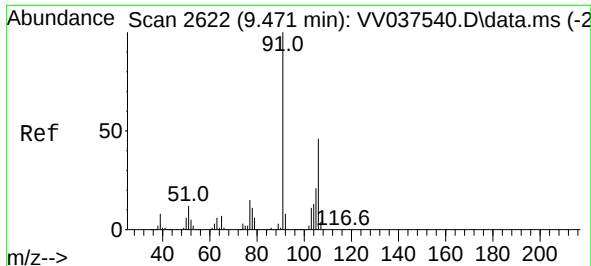
Tgt Ion:106 Resp: 456402

Ion Ratio Lower Upper

106 100

91 203.1 142.0 263.6

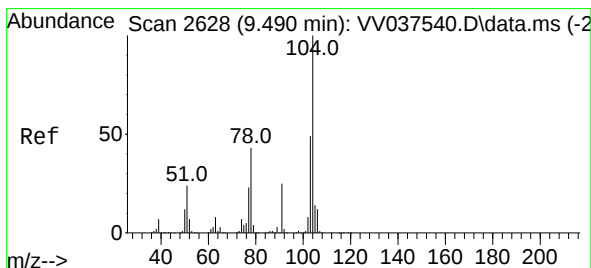
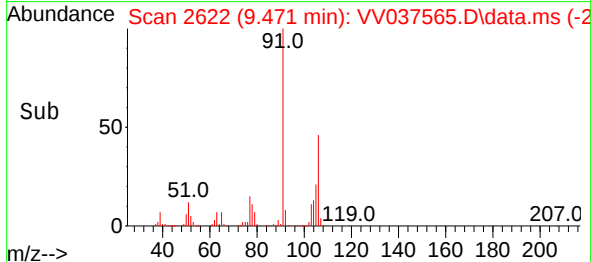
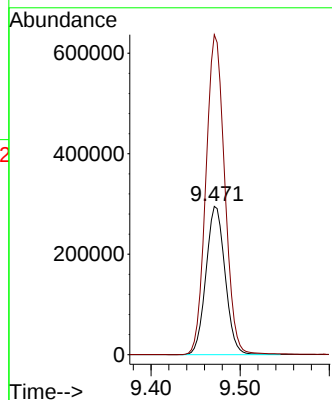
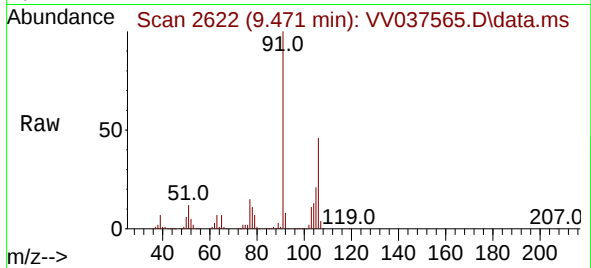




#54
o-Xylene
Concen: 53.680 ug/L
RT: 9.471 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

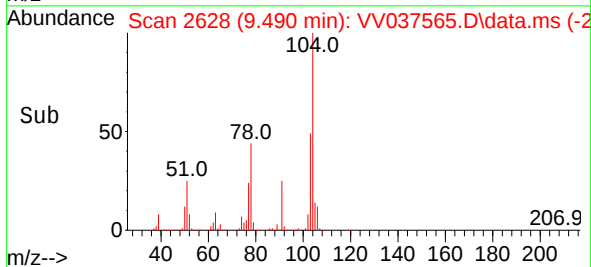
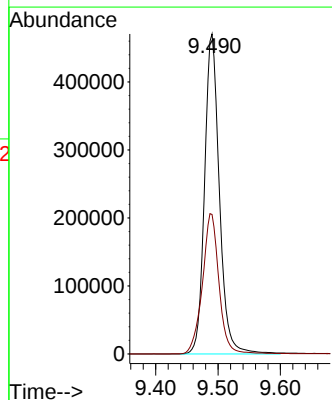
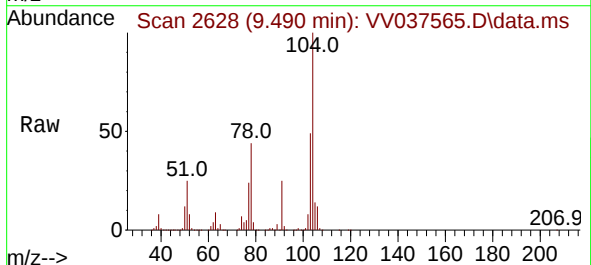
Instrument :
MSVOA_V
ClientSampleId :

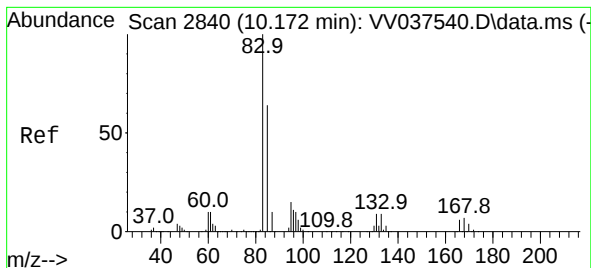
Tgt Ion:106 Resp: 440276
Ion Ratio Lower Upper
106 100
91 215.7 153.9 285.9



#55
Styrene
Concen: 54.563 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion:104 Resp: 779048
Ion Ratio Lower Upper
104 100
78 43.6 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 53.854 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :

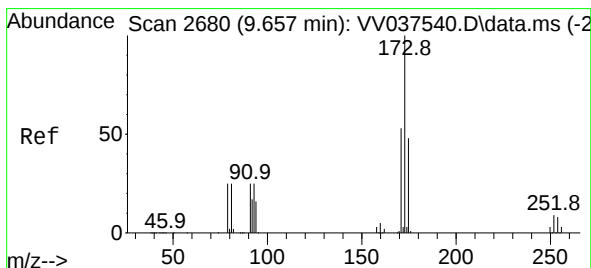
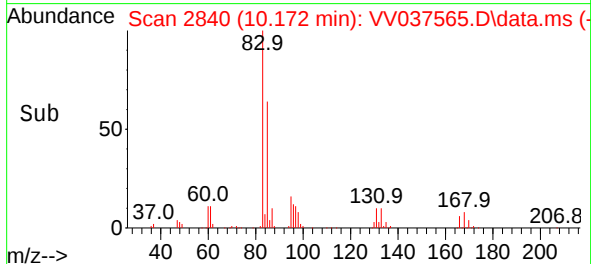
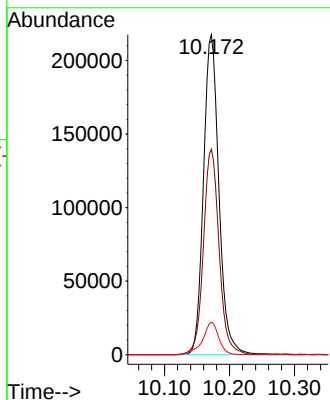
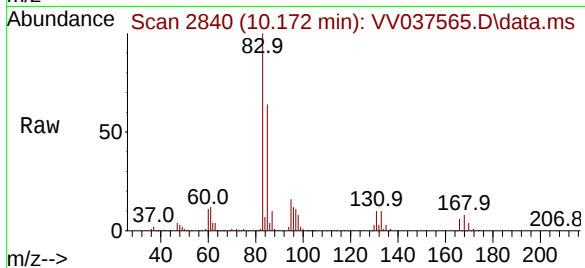
Tgt Ion: 83 Resp: 360124

Ion Ratio Lower Upper

83 100

85 64.2 45.9 85.3

131 10.2 7.9 11.9



#59

Bromoform

Concen: 52.216 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

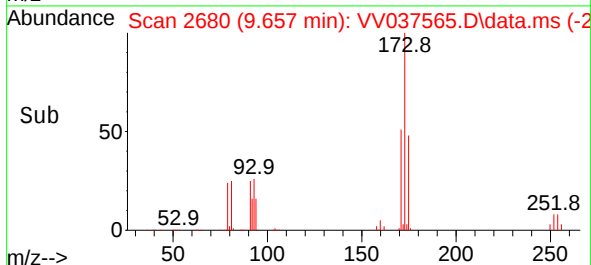
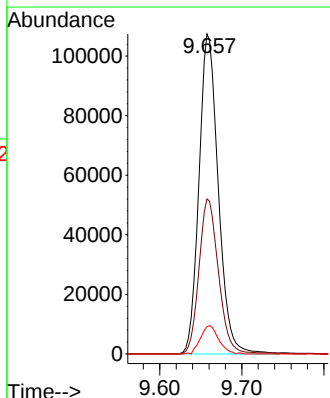
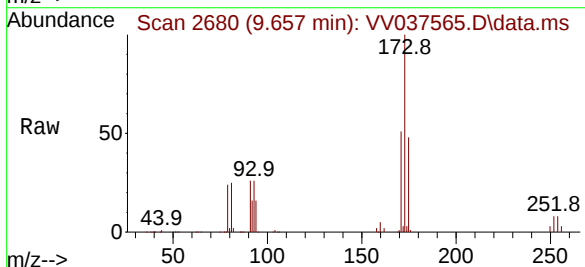
Tgt Ion: 173 Resp: 175530

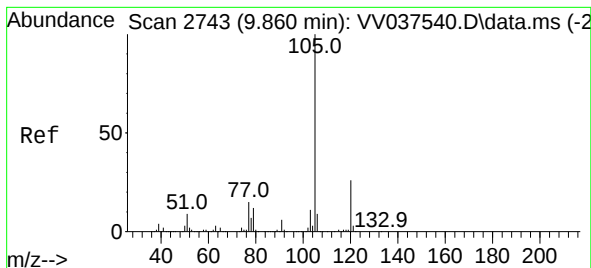
Ion Ratio Lower Upper

173 100

175 48.7 40.0 60.0

254 8.2 6.5 9.7





#60

Isopropylbenzene

Concen: 53.080 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :

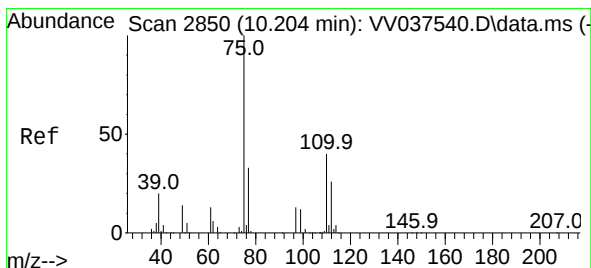
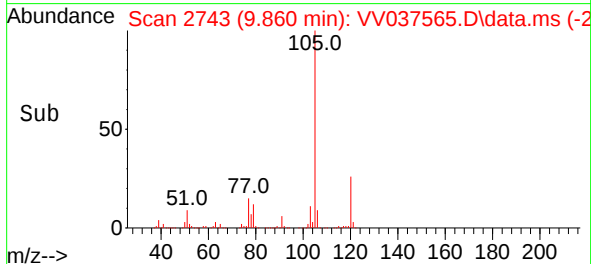
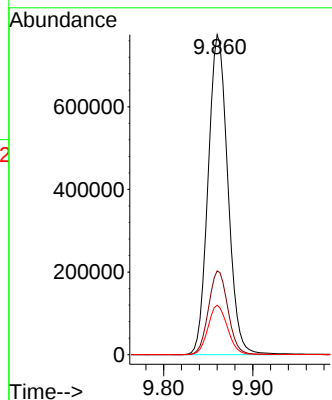
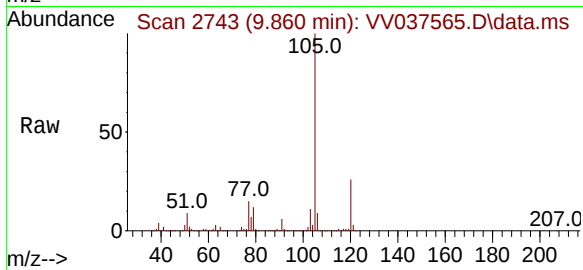
Tgt Ion:105 Resp: 1186938

Ion Ratio Lower Upper

105 100

120 26.0 20.7 31.1

77 15.3 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 52.684 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

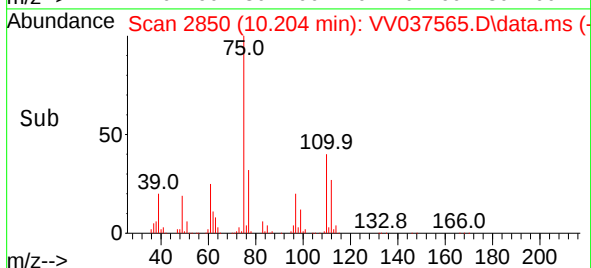
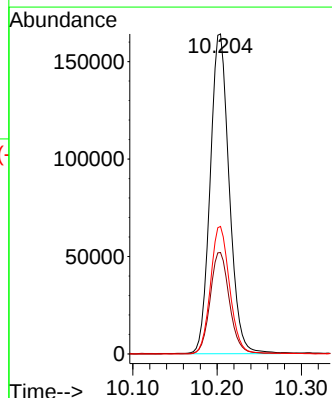
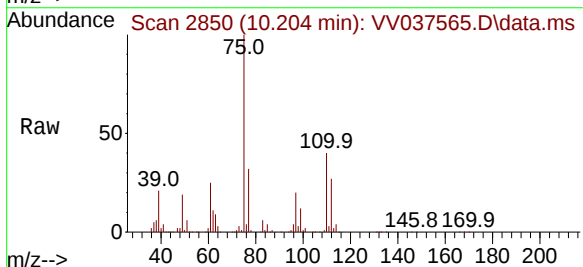
Tgt Ion: 75 Resp: 257847

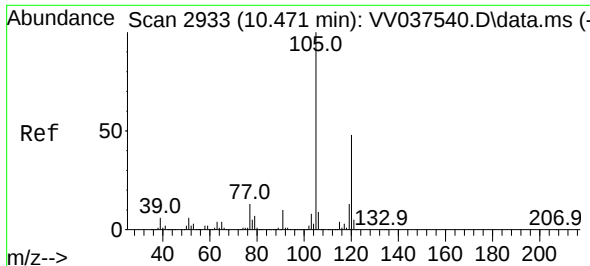
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

110 40.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 54.128 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

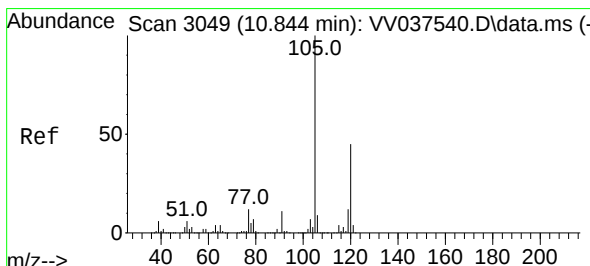
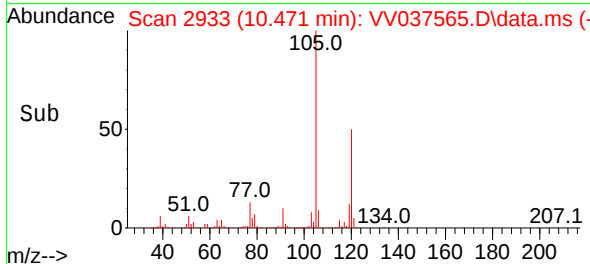
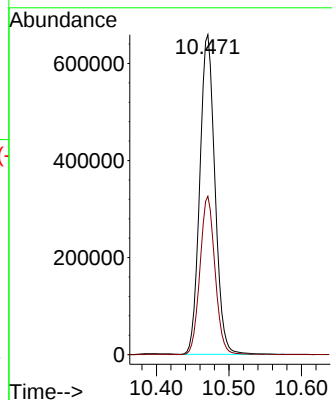
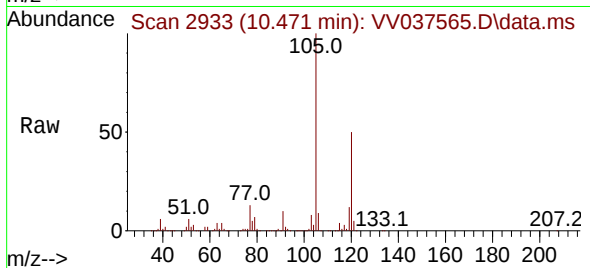
ClientSampleId :

Tgt Ion:105 Resp: 956927

Ion Ratio Lower Upper

105 100

120 49.1 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 54.887 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037565.D

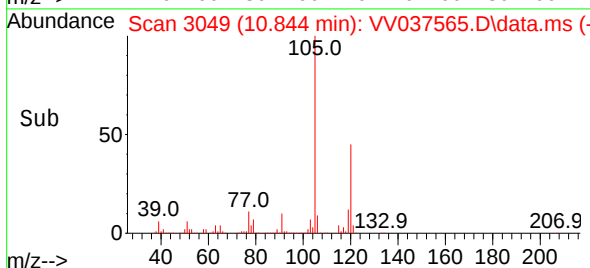
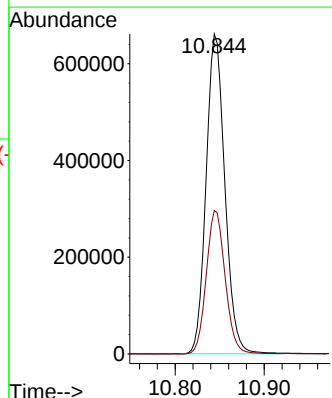
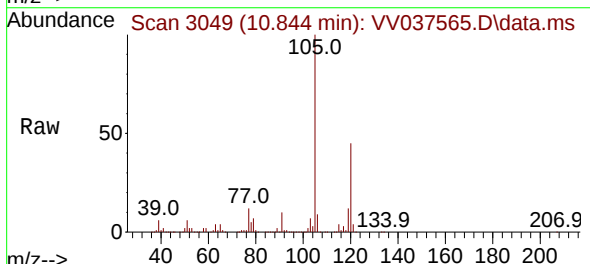
Acq: 26 Sep 2024 21:31

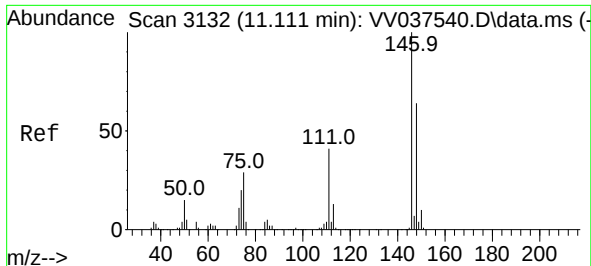
Tgt Ion:105 Resp: 965467

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 51.663 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :

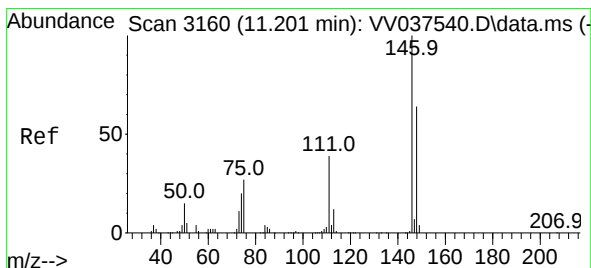
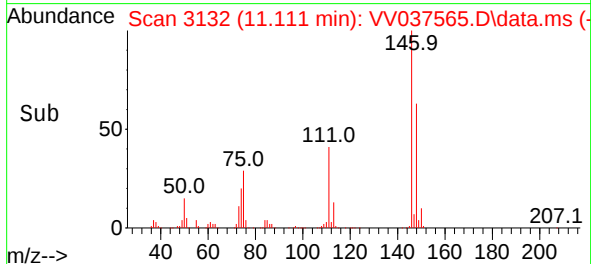
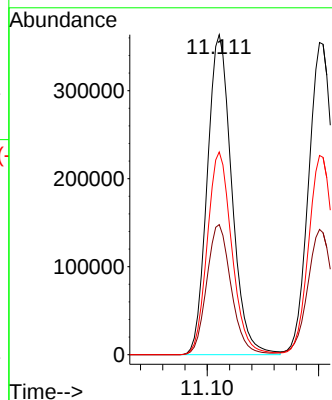
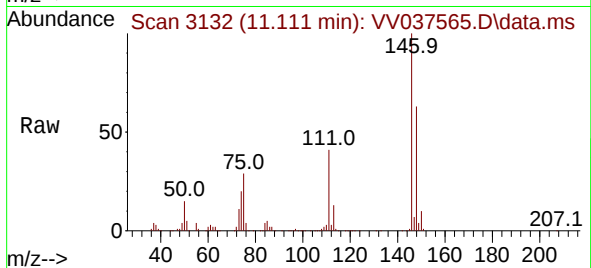
Tgt Ion:146 Resp: 556061

Ion Ratio Lower Upper

146 100

111 40.6 28.3 52.5

148 63.3 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 51.117 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

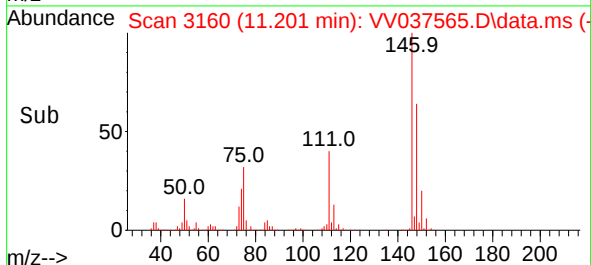
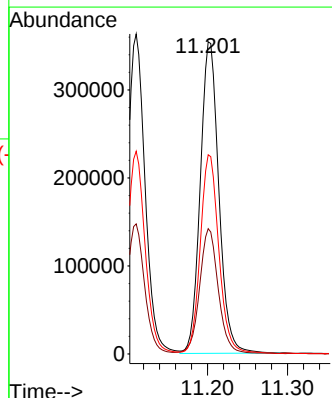
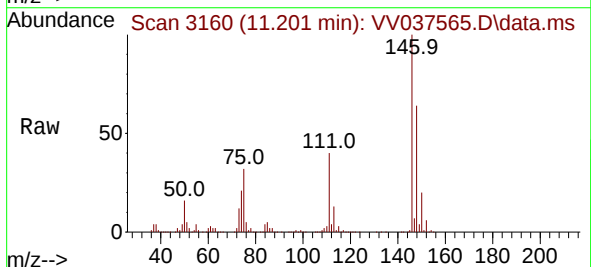
Tgt Ion:146 Resp: 572903

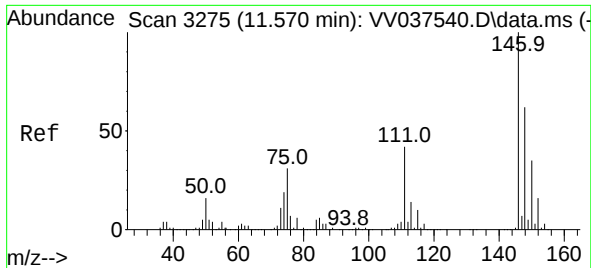
Ion Ratio Lower Upper

146 100

111 40.1 27.6 51.4

148 63.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 51.088 ug/L

RT: 11.571 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :

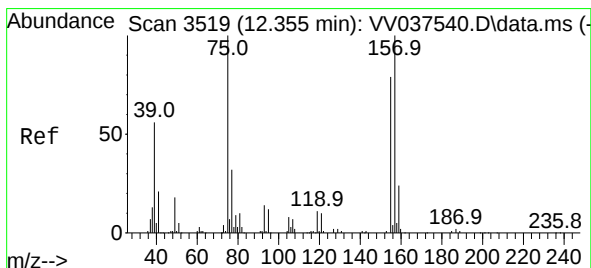
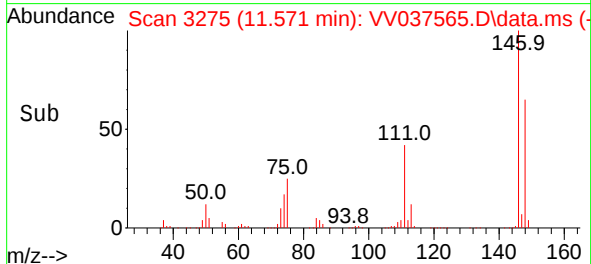
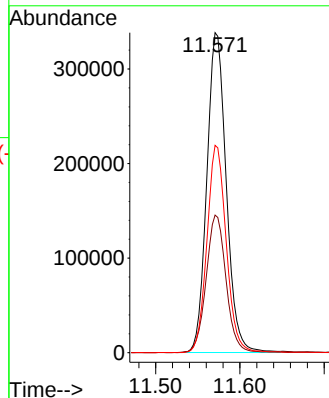
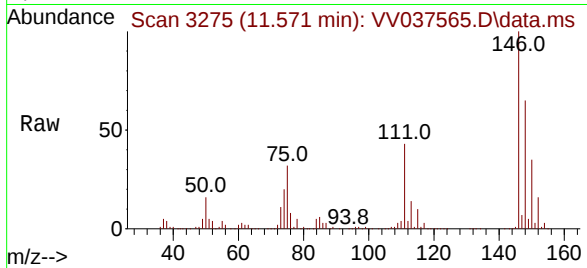
Tgt Ion:146 Resp: 543578

Ion Ratio Lower Upper

146 100

111 43.0 34.2 51.2

148 64.8 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 53.169 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

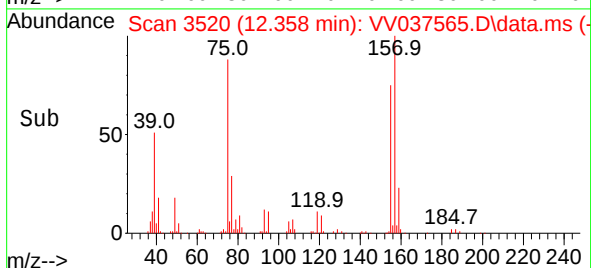
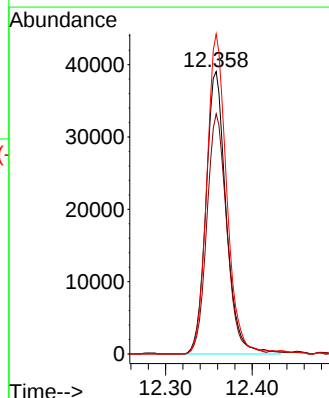
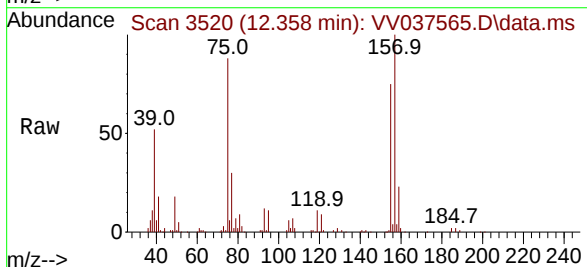
Tgt Ion: 75 Resp: 63167

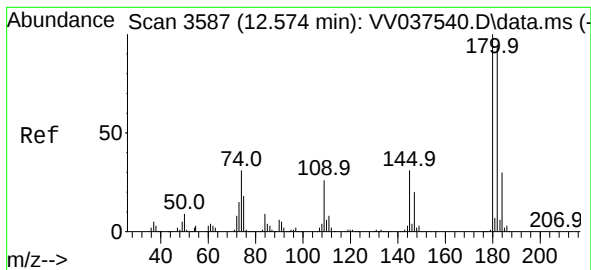
Ion Ratio Lower Upper

75 100

155 85.0 66.2 99.4

157 113.3 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 50.244 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

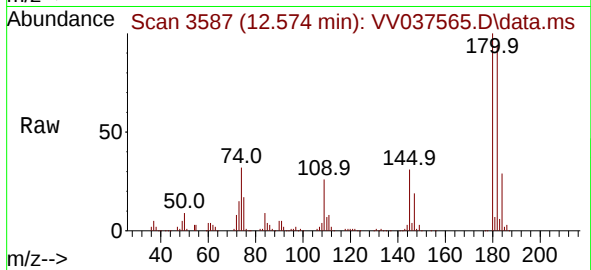
Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 371886

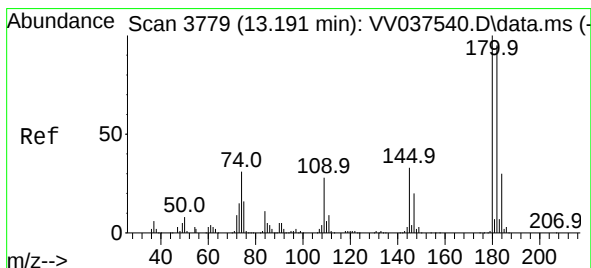
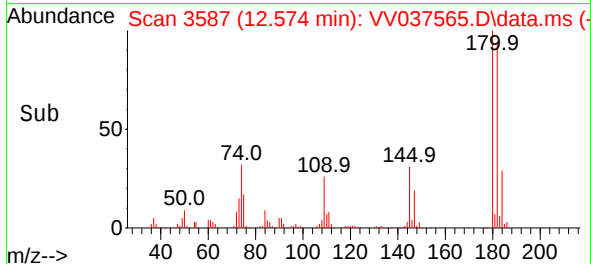
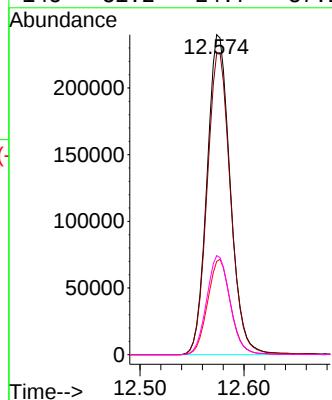
Ion Ratio Lower Upper

180 100

182 95.3 75.6 113.4

184 29.7 23.8 35.6

145 31.2 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 51.580 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037565.D

Acq: 26 Sep 2024 21:31

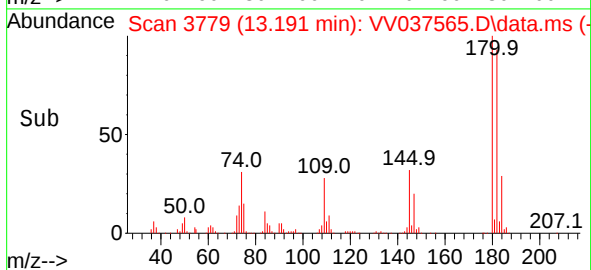
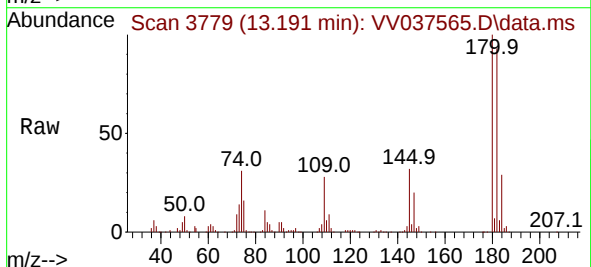
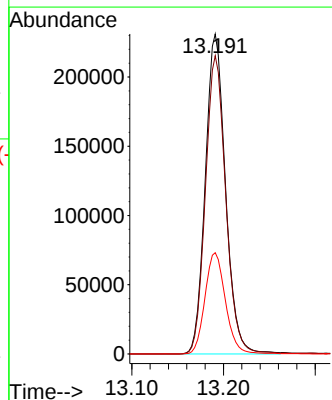
Tgt Ion:180 Resp: 354215

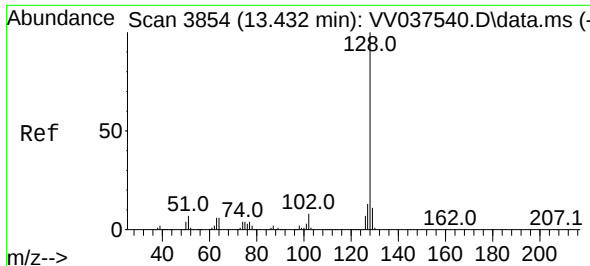
Ion Ratio Lower Upper

180 100

182 93.7 75.9 113.9

145 32.0 25.4 38.2

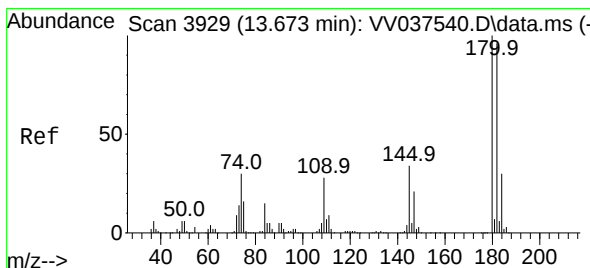
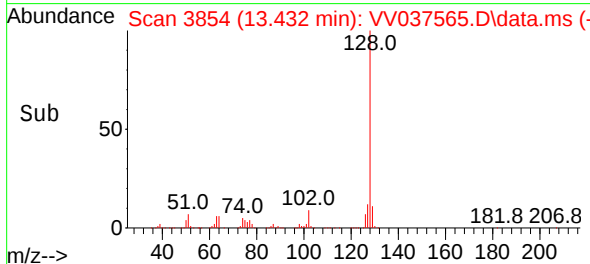
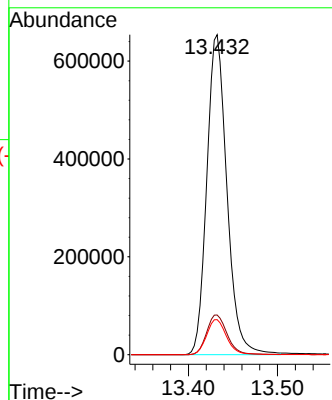
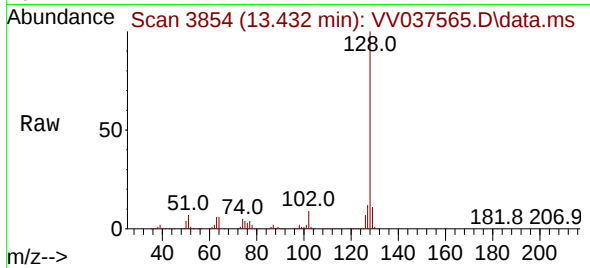




#71
Naphthalene
Concen: 57.204 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 1026350
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 52.689 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV037565.D
Acq: 26 Sep 2024 21:31

Tgt Ion:180 Resp: 357312
Ion Ratio Lower Upper
180 100
182 94.0 75.8 113.8
145 34.0 26.2 39.4

