

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037016.D
 Acq On : 26 Aug 2024 10:38
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:04:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	719608	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	713059	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	379149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	1287119	195.531	ug/L	0.00
7) Chloroethane-d5	1.526	69	986948	193.995	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	534505	193.191	ug/L	0.00
21) 2-Butanone-d5	3.786	46	1100633	454.991	ug/L	0.00
24) Chloroform-d	4.243	84	2082194	202.106	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	1291792	199.106	ug/L	0.00
32) Benzene-d6	4.950	84	4187906	194.450	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	1338897	198.481	ug/L	0.00
41) Toluene-d8	7.236	98	3840807	197.598	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	668160	214.094	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	842142	473.525	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	1670746	204.216	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.555	152	1478595	194.716	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	1241067	204.090	ug/L	100
3) Chloromethane	1.217	50	1405426	205.507	ug/L	99
5) Vinyl chloride	1.282	62	1333554	207.717	ug/L	100
6) Bromomethane	1.475	94	758129	210.744	ug/L	99
8) Chloroethane	1.542	64	818982	208.555	ug/L	100
9) Trichlorofluoromethane	1.709	101	1706374	203.670	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1022209	205.132	ug/L	99
12) 1,1-Dichloroethene	2.066	96	966494	205.865	ug/L	97
13) Acetone	2.111	43	946481	354.790	ug/L	100
14) Carbon disulfide	2.237	76	2960814	207.741	ug/L	100
15) Methyl Acetate	2.368	43	981086	214.051	ug/L	99
16) Methylene chloride	2.442	84	1075409	203.023	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	1011431	207.525	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	3262096	212.772	ug/L	100
19) 1,1-Dichloroethane	3.101	63	1992789	205.890	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	1158017	215.024	ug/L	100
22) 2-Butanone	3.867	43	1245431	429.627	ug/L	98
23) Bromochloromethane	4.137	128	564748	213.622	ug/L	97
25) Chloroform	4.269	83	1998497	203.881	ug/L	99
27) 1,2-Dichloroethane	5.034	62	1537222	214.950	ug/L	100
29) Cyclohexane	4.571	56	1754559	209.274	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	1687779	205.709	ug/L	100
31) Carbon tetrachloride	4.725	117	1444740	208.681	ug/L	99
33) Benzene	5.002	78	4262031	207.112	ug/L	100
34) Trichloroethene	5.825	95	1121792	206.534	ug/L	98
35) Methylcyclohexane	6.043	83	1854304	211.968	ug/L	99
37) 1,2-Dichloropropane	6.088	63	1147792	207.823	ug/L	100
38) Bromodichloromethane	6.426	83	1511990	213.832	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1959557	228.084	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	2480165	455.117	ug/L	99
42) Toluene	7.310	91	4535836	211.700	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	1773491	230.941	ug/L	99

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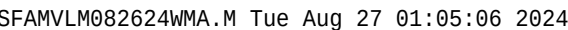
Instrument :
 MSVOA_V
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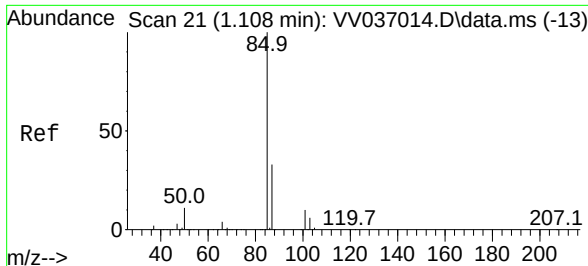
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	1073445	209.020	ug/L	98
46) Tetrachloroethene	7.899	164	814071	208.890	ug/L	98
48) 2-Hexanone	8.072	43	1837578	436.529	ug/L	99
49) Dibromochloromethane	8.172	129	1134944	220.705	ug/L	99
50) 1,2-Dibromoethane	8.275	107	1127146	216.893	ug/L	99
51) Chlorobenzene	8.809	112	2959621	208.650	ug/L	100
52) Ethylbenzene	8.940	91	5226833	215.972	ug/L	100
53) m,p-Xylene	9.066	106	1991134	222.055	ug/L	100
54) o-Xylene	9.474	106	1958045	223.023	ug/L	98
55) Styrene	9.490	104	3434505	226.881	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	1654764	217.559	ug/L	100
59) Bromoform	9.657	173	798783	226.006	ug/L	100
60) Isopropylbenzene	9.860	105	5252161	213.677	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	1222404	207.254	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	4422654	219.920	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	4455709	222.017	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	2369056	208.726	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	2416327	208.004	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	2316046	207.529	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	342694	232.982	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	1690426	214.045	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	1629724	219.148	ug/L	100
71) Naphthalene	13.432	128	4897148	228.051	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	1576329	215.093	ug/L	98

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

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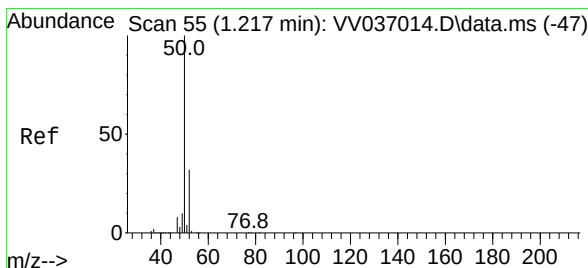
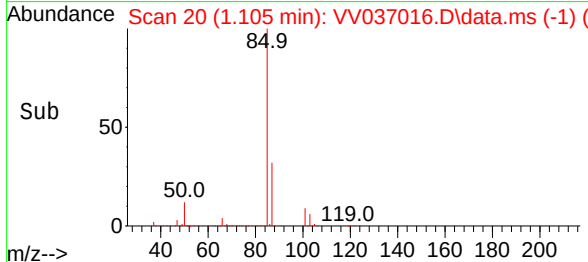
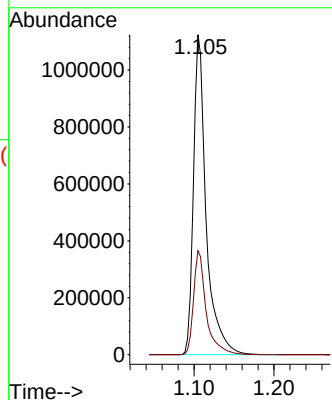
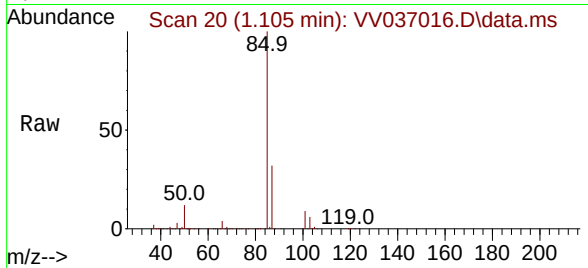




#2
 Dichlorodifluoromethane
 Concen: 204.090 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV037016.D
 Acq: 26 Aug 2024 10:38

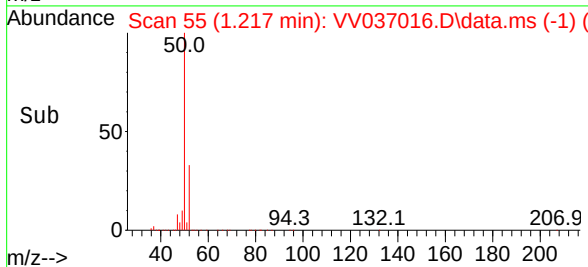
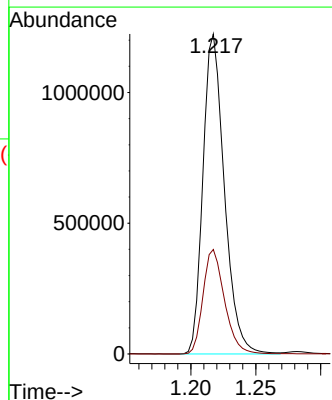
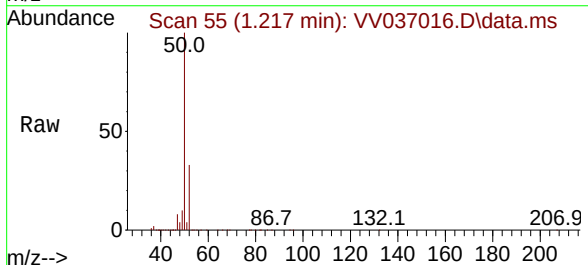
Instrument :
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 ClientSampleId :

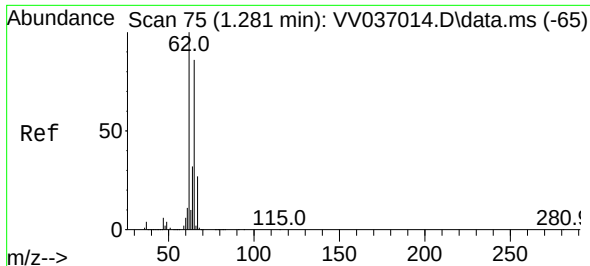
Tgt Ion: 85 Resp: 1241067
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 205.507 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV037016.D
 Acq: 26 Aug 2024 10:38

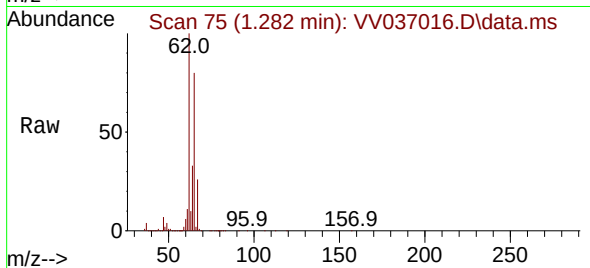
Tgt Ion: 50 Resp: 1405426
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.5 41.9



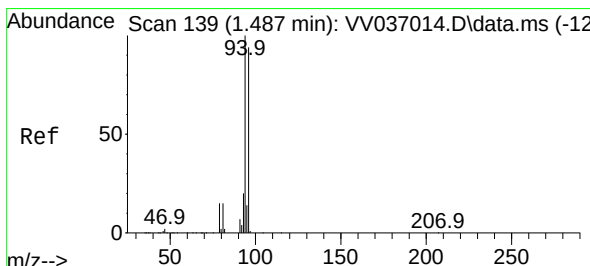
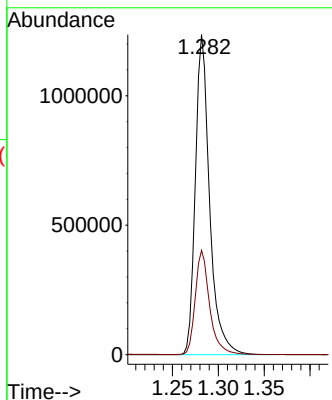
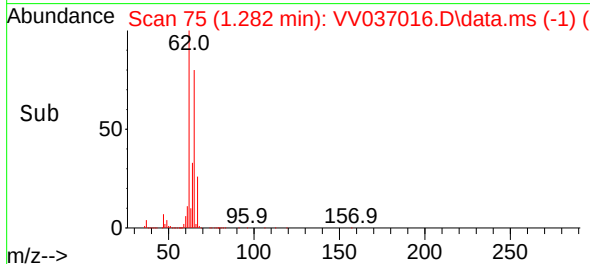


#5
 Vinyl chloride
 Concen: 207.717 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037016.D
 Acq: 26 Aug 2024 10:38

Instrument :
 MSVOA_V
 ClientSampleId :

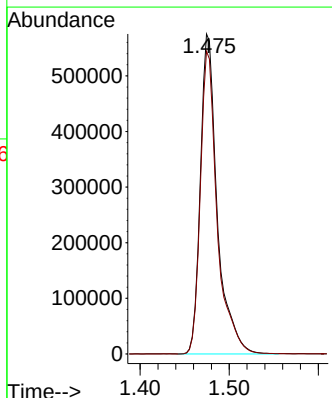
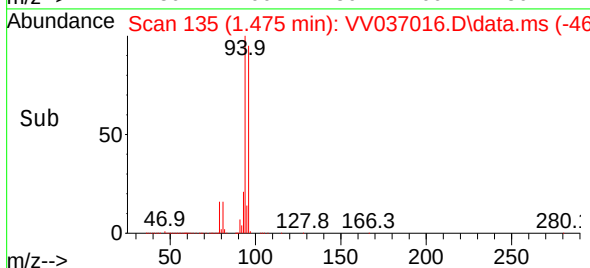
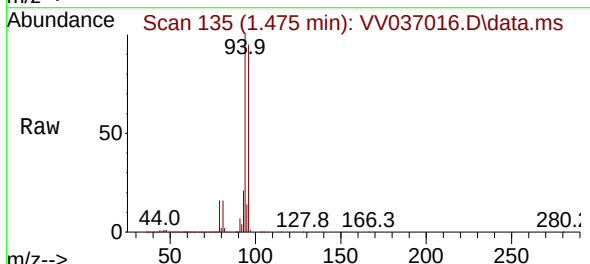


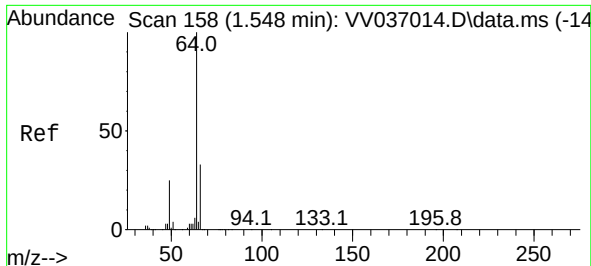
Tgt Ion: 62 Resp: 1333554
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 210.744 ug/L
 RT: 1.475 min Scan# 135
 Delta R.T. -0.013 min
 Lab File: VV037016.D
 Acq: 26 Aug 2024 10:38

Tgt Ion: 94 Resp: 758129
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.6 121.8

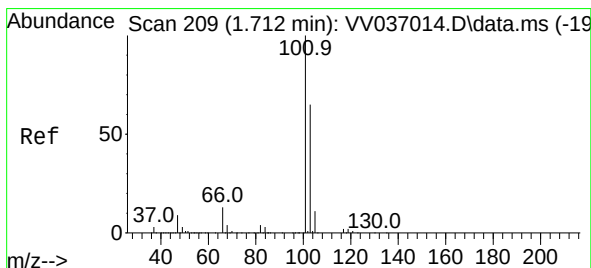
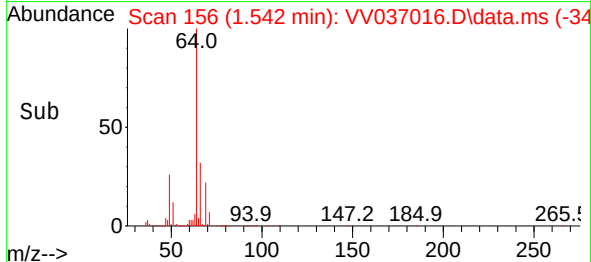
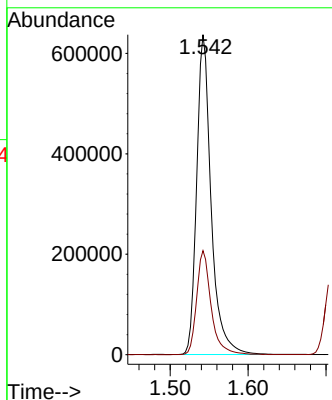
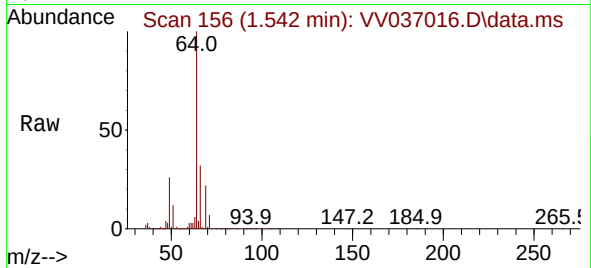




#8
Chloroethane
Concen: 208.555 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

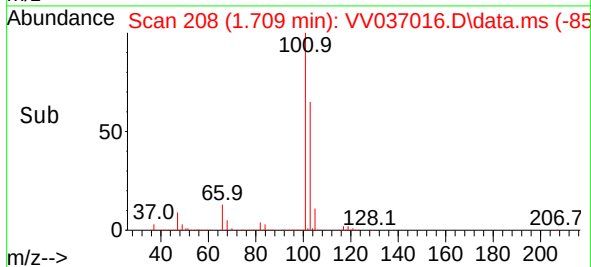
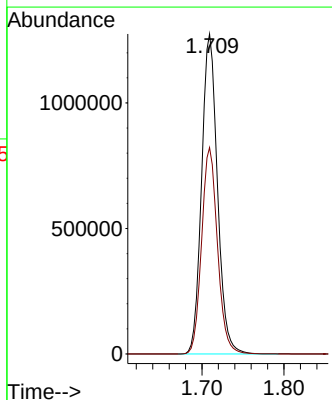
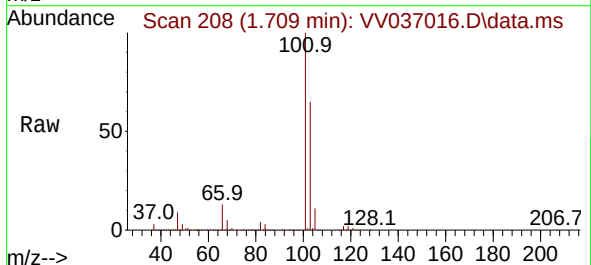
Instrument :
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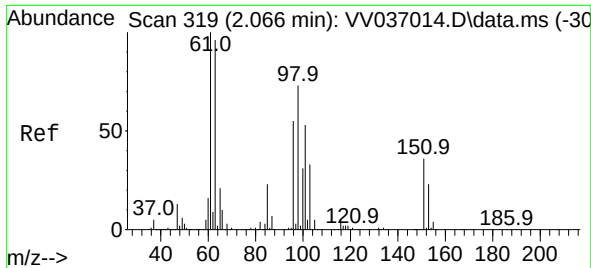
Tgt Ion: 64 Resp: 818982
Ion Ratio Lower Upper
64 100
66 32.5 22.8 42.4



#9
Trichlorofluoromethane
Concen: 203.670 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Tgt Ion:101 Resp: 1706374
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5

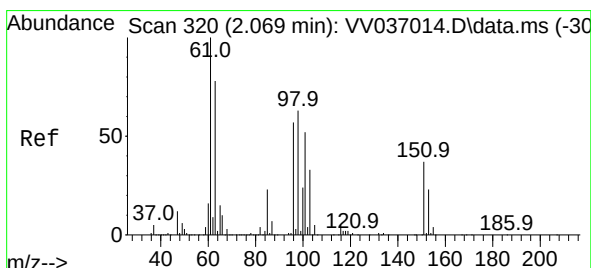
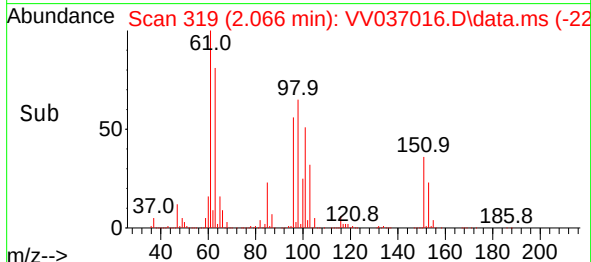
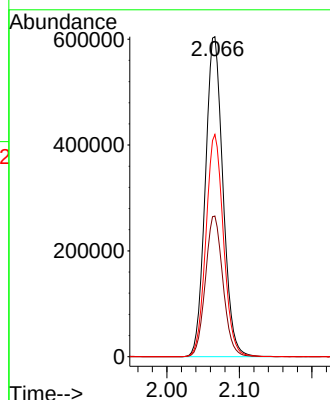
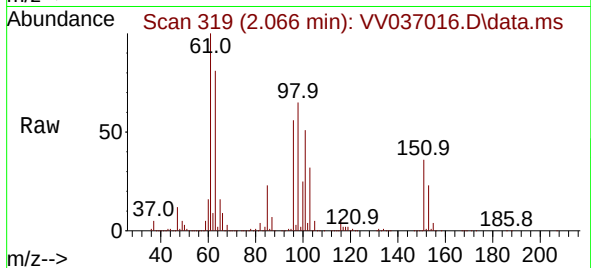




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 205.132 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

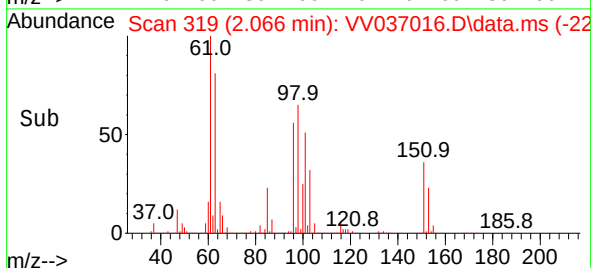
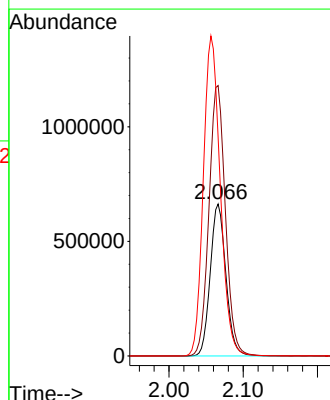
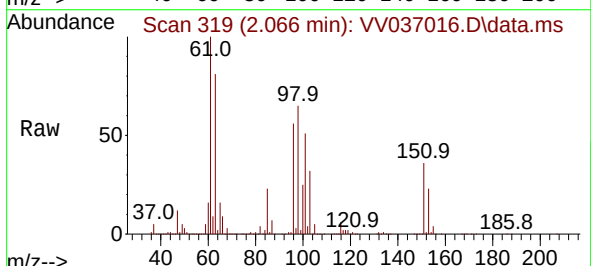
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ClientSampleId :

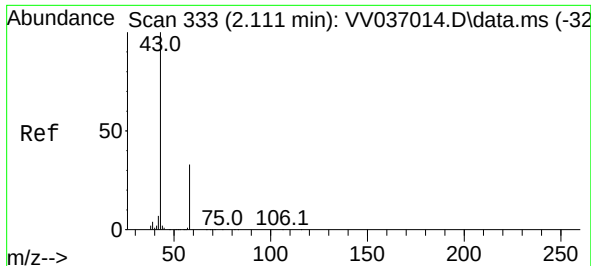
Tgt Ion:101 Resp: 1022209
Ion Ratio Lower Upper
101 100
85 43.8 35.6 53.4
151 69.1 55.0 82.4



#12
1,1-Dichloroethene
Concen: 205.865 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Tgt Ion: 96 Resp: 966494
Ion Ratio Lower Upper
96 100
61 177.9 123.8 229.8
63 143.9 96.5 179.1

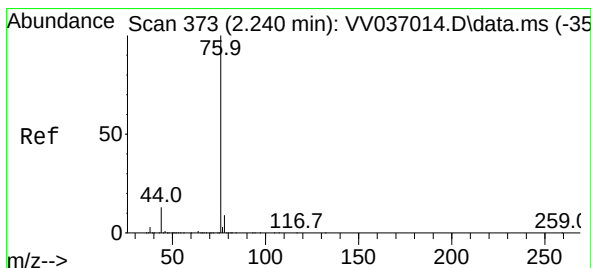
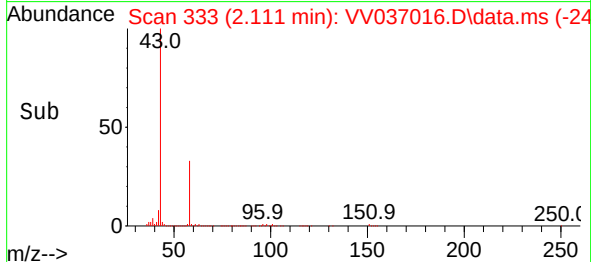
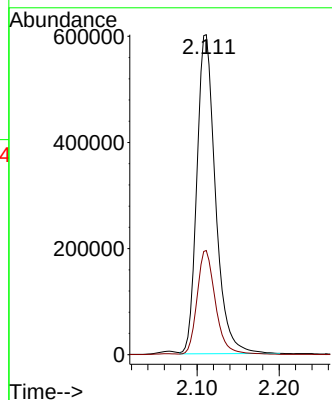
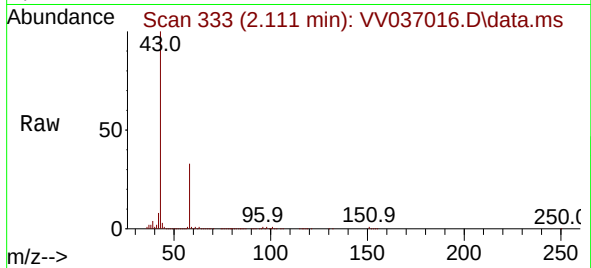




#13
Acetone
Concen: 354.790 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV037016.D
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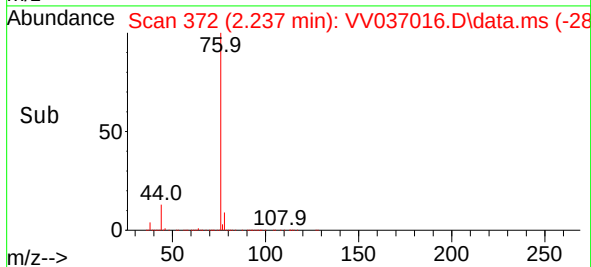
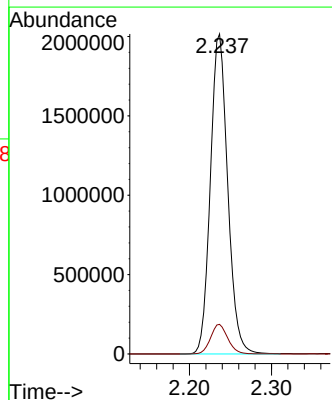
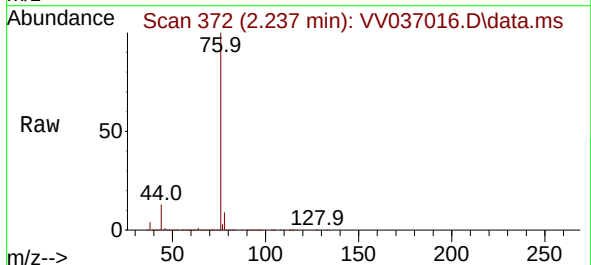
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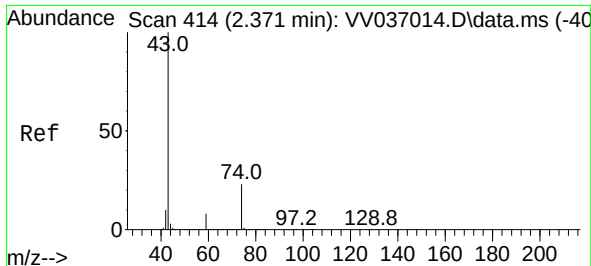
Tgt Ion: 43 Resp: 946481
Ion Ratio Lower Upper
43 100
58 32.2 0.0 64.8



#14
Carbon disulfide
Concen: 207.741 ug/L
RT: 2.237 min Scan# 372
Delta R.T. -0.003 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Tgt Ion: 76 Resp: 2960814
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

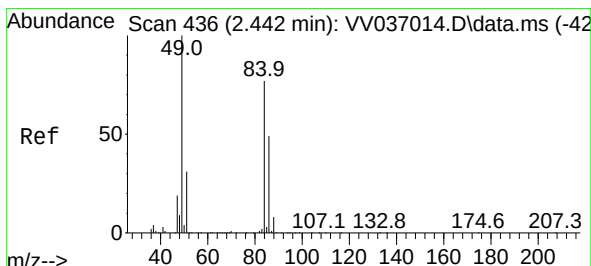
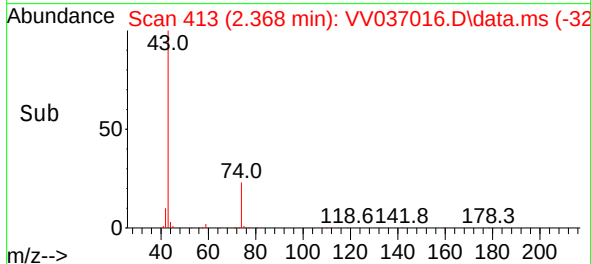
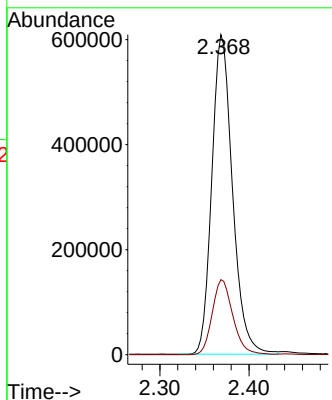
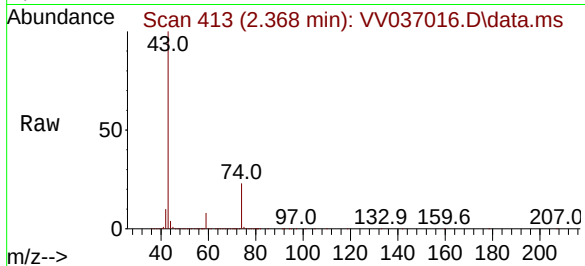




#15
Methyl Acetate
Concen: 214.051 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

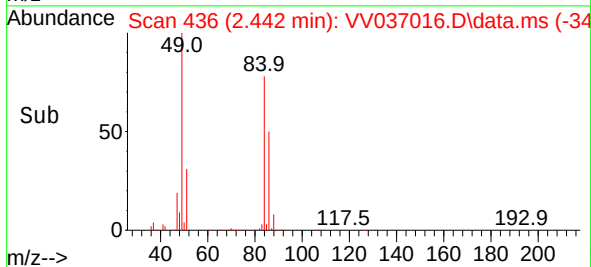
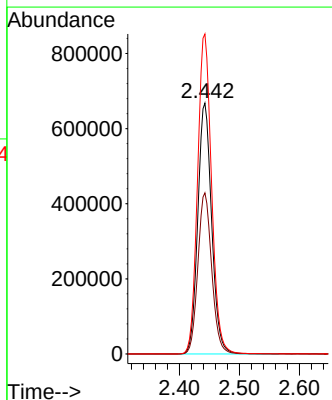
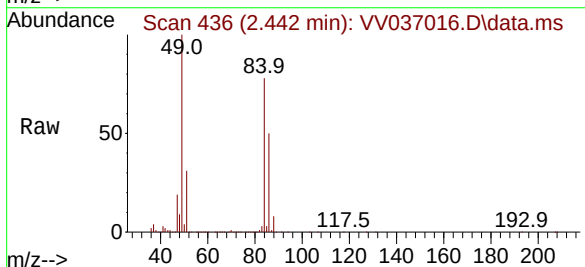
Instrument :
MSVOA_V
ClientSampleId :

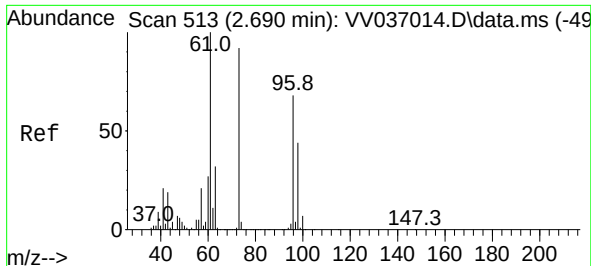
Tgt Ion: 43 Resp: 981086
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6



#16
Methylene chloride
Concen: 203.023 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Tgt Ion: 84 Resp: 1075409
Ion Ratio Lower Upper
84 100
86 64.2 44.7 82.9
49 127.6 91.4 169.8





#17

trans-1,2-Dichloroethene

Concen: 207.525 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

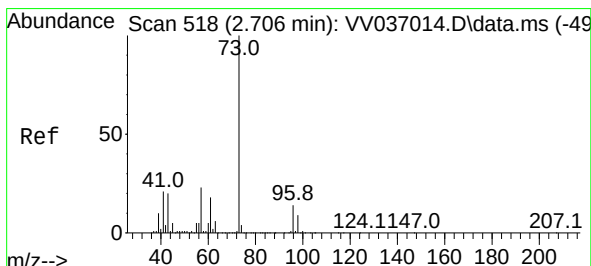
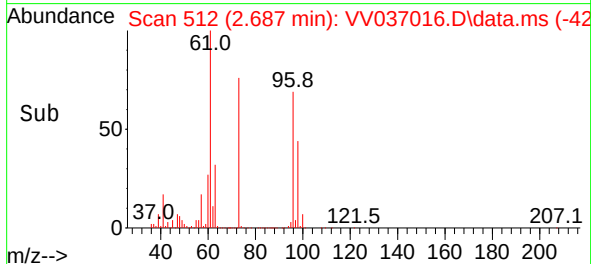
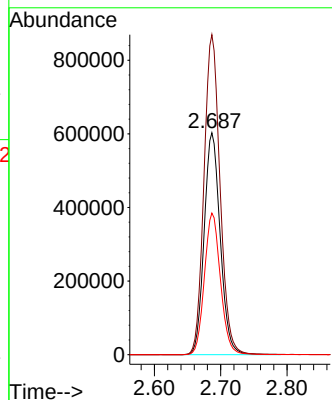
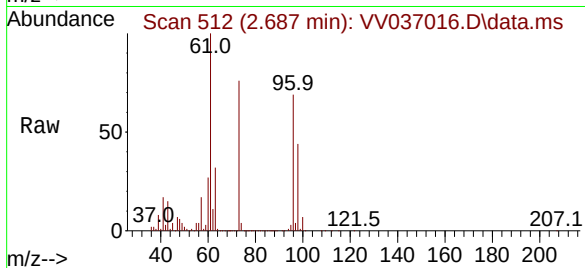
Tgt Ion: 96 Resp: 1011431

Ion Ratio Lower Upper

96 100

61 144.2 102.3 189.9

98 63.8 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 212.772 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

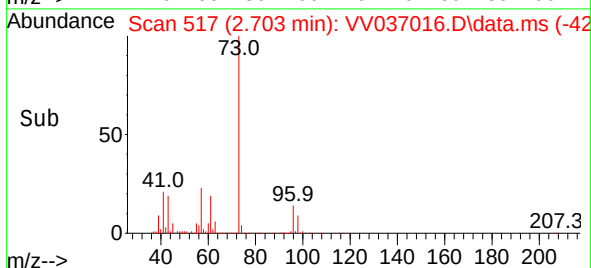
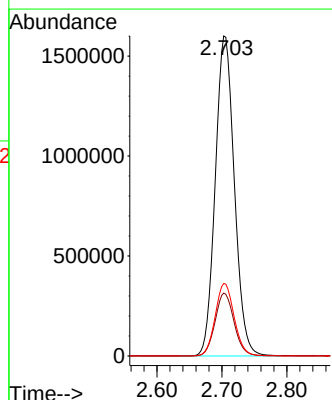
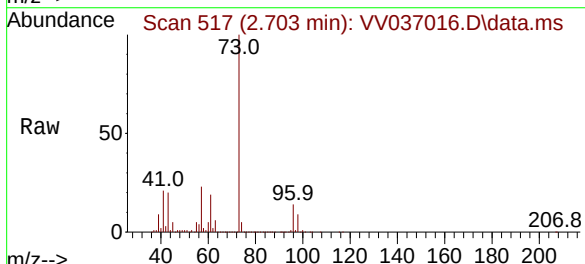
Tgt Ion: 73 Resp: 3262096

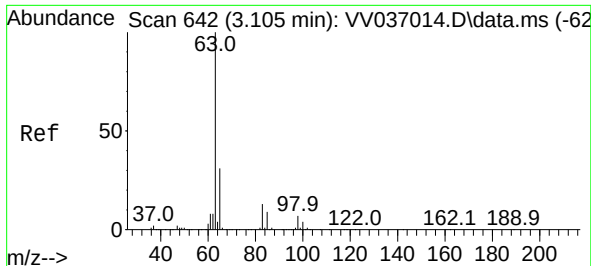
Ion Ratio Lower Upper

73 100

43 19.5 15.8 23.6

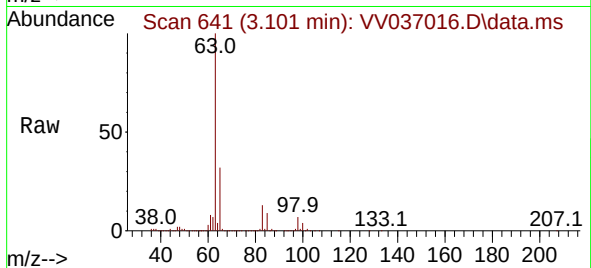
57 22.5 18.1 27.1





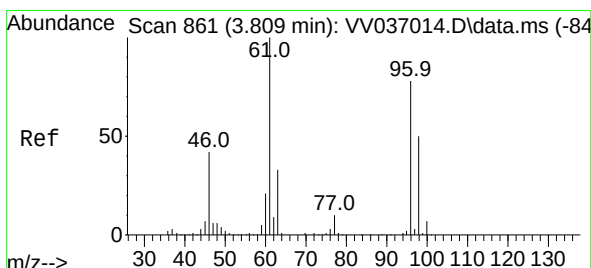
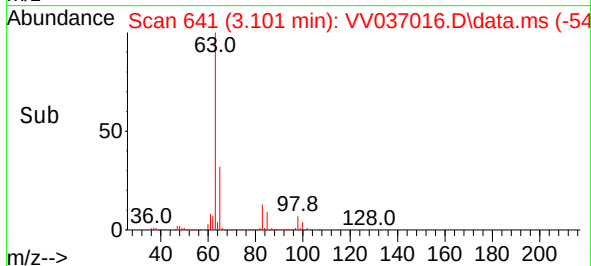
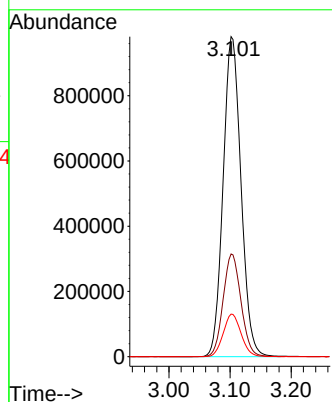
#19
1,1-Dichloroethane
Concen: 205.890 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 1992789

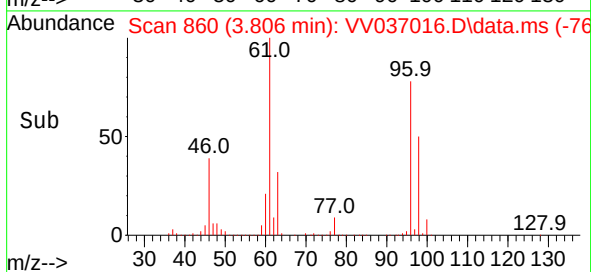
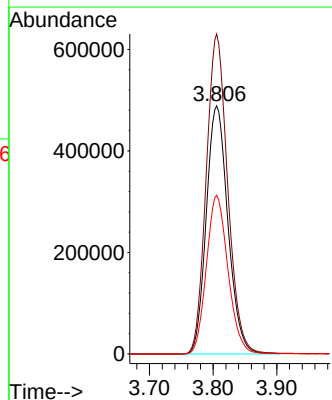
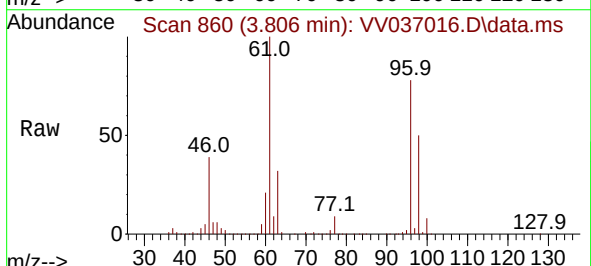
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.0	41.0
83	13.3	9.2	17.0

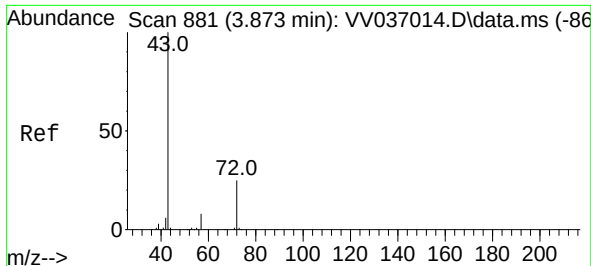


#20
cis-1,2-Dichloroethene
Concen: 215.024 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Tgt Ion: 96 Resp: 1158017

Ion	Ratio	Lower	Upper
96	100		
61	128.9	89.9	166.9
98	64.0	44.8	83.2

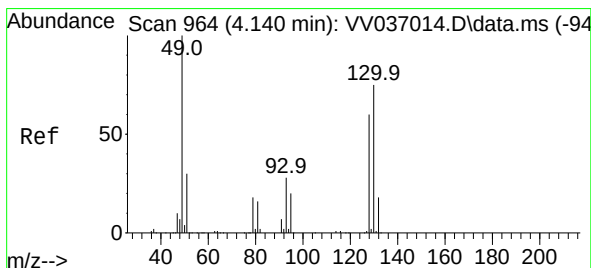
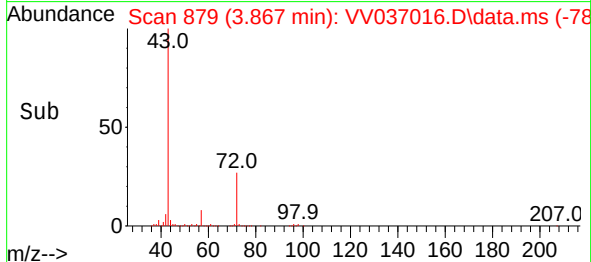
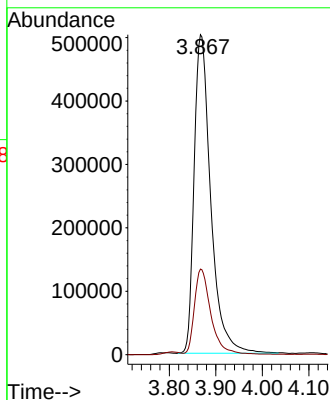
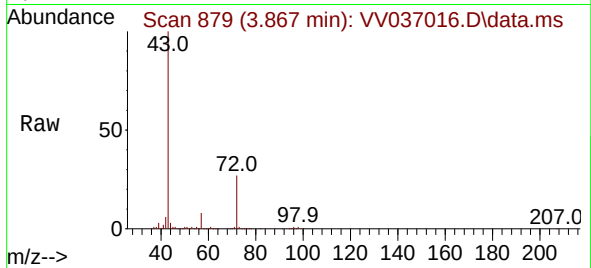




#22
2-Butanone
Concen: 429.627 ug/L
RT: 3.867 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

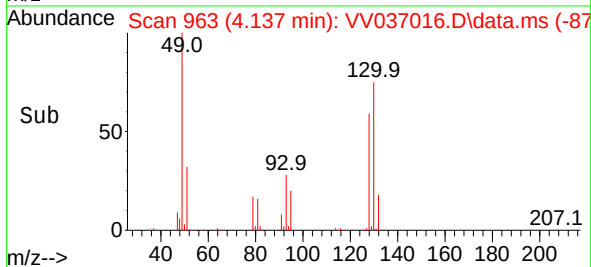
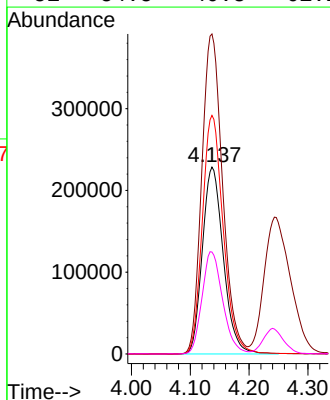
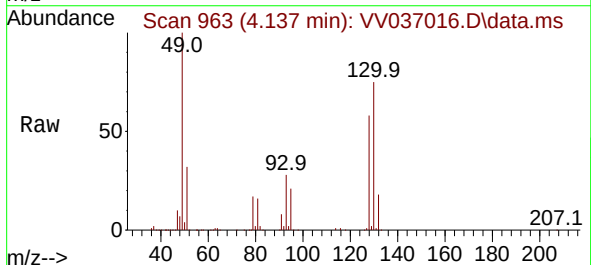
Instrument :
MSVOA_V
ClientSampleId :

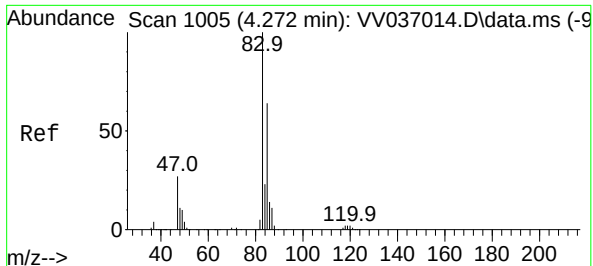
Tgt Ion: 43 Resp: 1245431
Ion Ratio Lower Upper
43 100
72 26.3 12.7 38.0



#23
Bromochloromethane
Concen: 213.622 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Tgt Ion:128 Resp: 564748
Ion Ratio Lower Upper
128 100
49 171.2 117.2 217.6
130 127.6 87.6 162.8
51 54.5 40.8 61.2





#25

Chloroform

Concen: 203.881 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

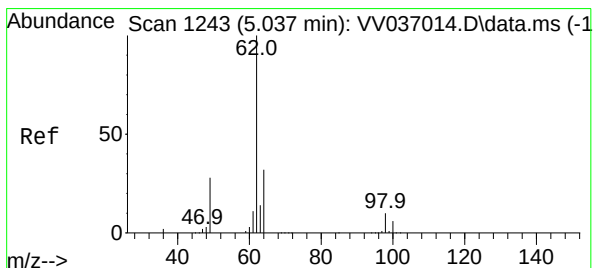
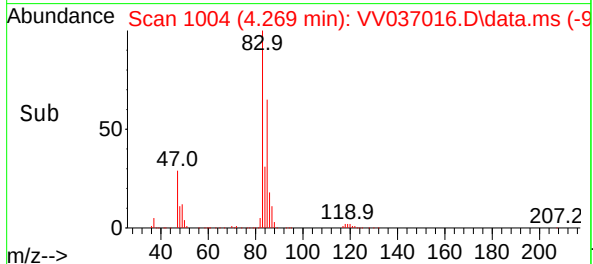
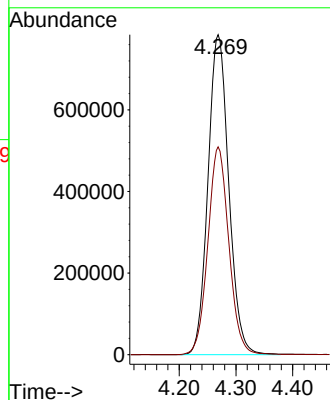
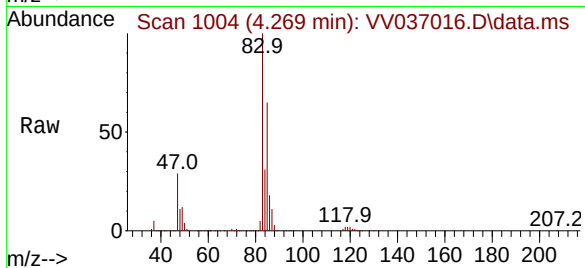
ClientSampleId :

Tgt Ion: 83 Resp: 1998497

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7



#27

1,2-Dichloroethane

Concen: 214.950 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037016.D

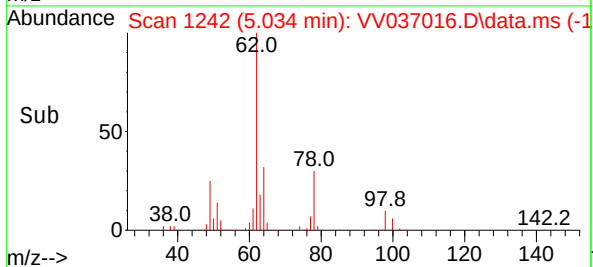
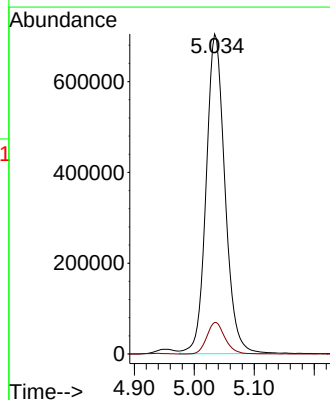
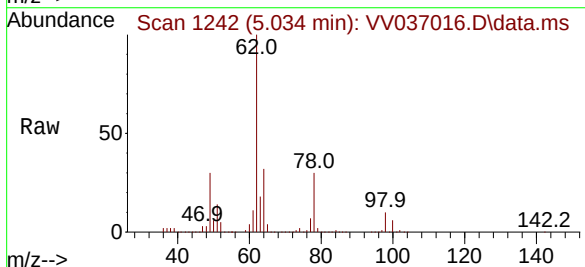
Acq: 26 Aug 2024 10:38

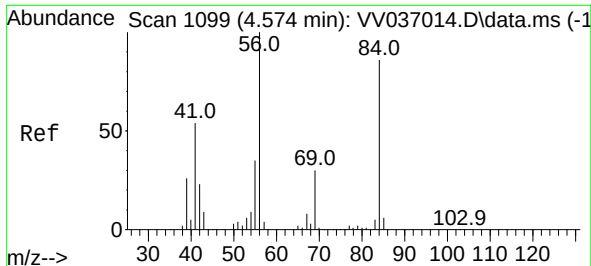
Tgt Ion: 62 Resp: 1537222

Ion Ratio Lower Upper

62 100

98 9.8 8.0 12.0





#29

Cyclohexane

Concen: 209.274 ug/L

RT: 4.571 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

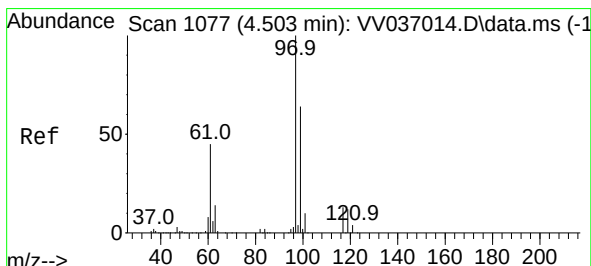
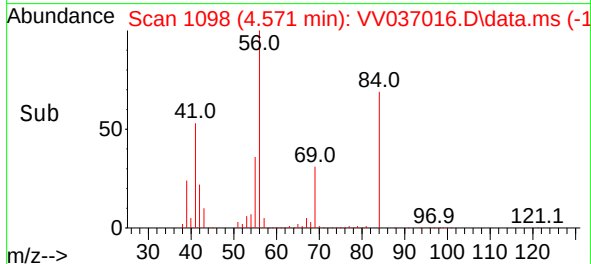
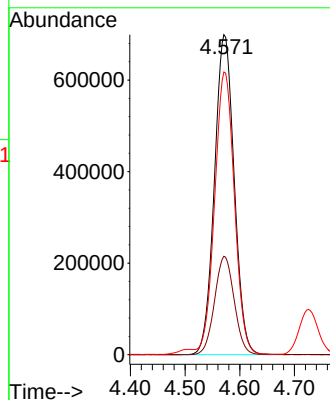
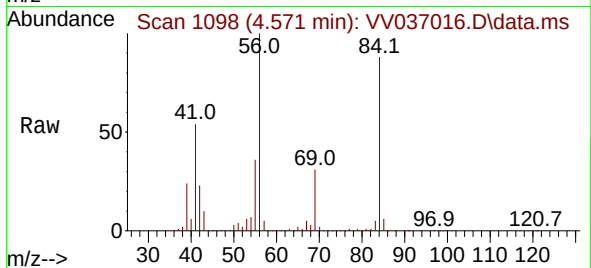
Tgt Ion: 56 Resp: 1754559

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.4

84 88.3 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 205.709 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

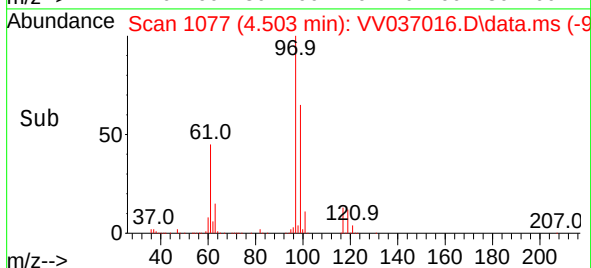
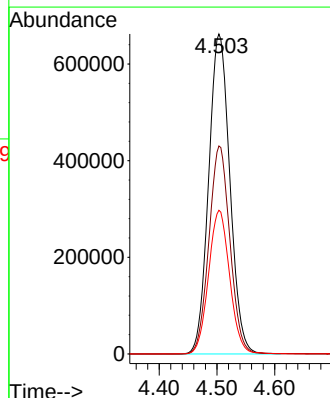
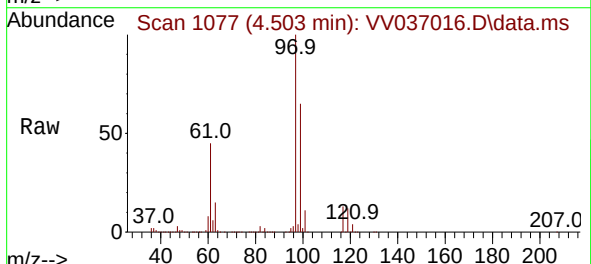
Tgt Ion: 97 Resp: 1687779

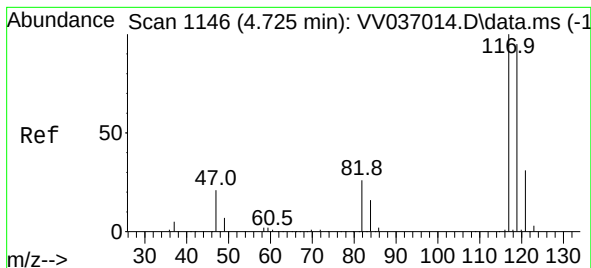
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 44.7 35.8 53.6





#31

Carbon tetrachloride

Concen: 208.681 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

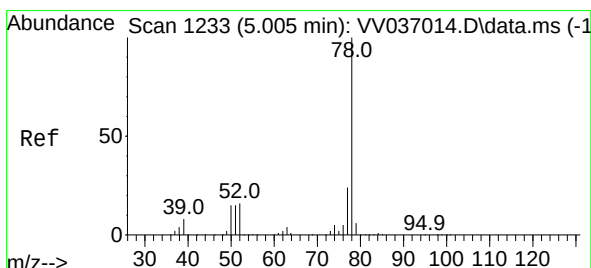
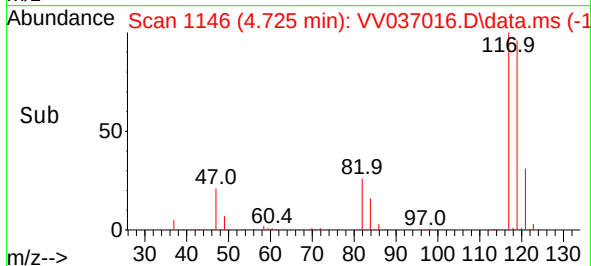
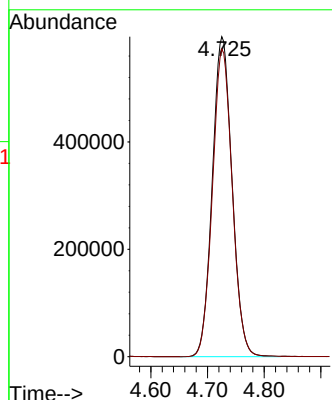
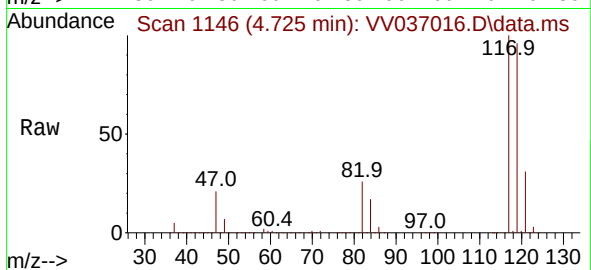
ClientSampleId :

Tgt Ion:117 Resp: 1444740

Ion Ratio Lower Upper

117 100

119 96.0 75.8 113.6



#33

Benzene

Concen: 207.112 ug/L

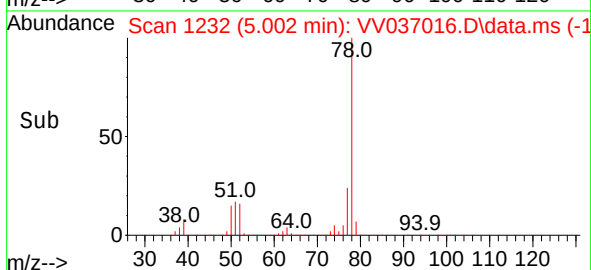
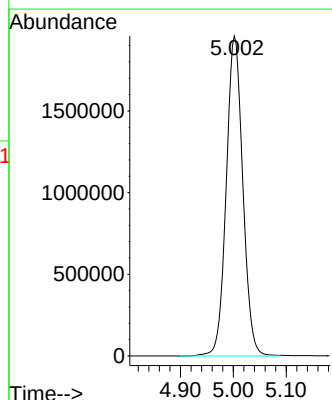
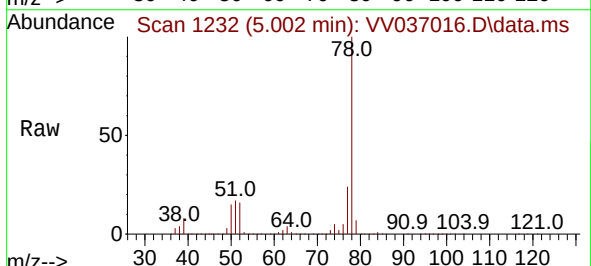
RT: 5.002 min Scan# 1232

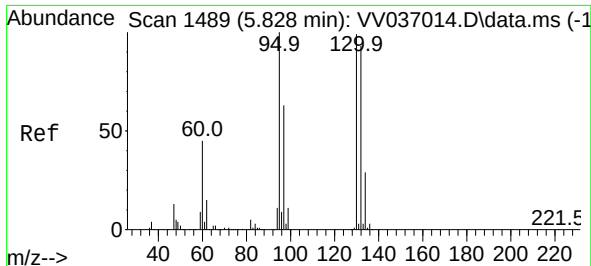
Delta R.T. -0.003 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Tgt Ion: 78 Resp: 4262031





#34

Trichloroethene

Concen: 206.534 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1121792

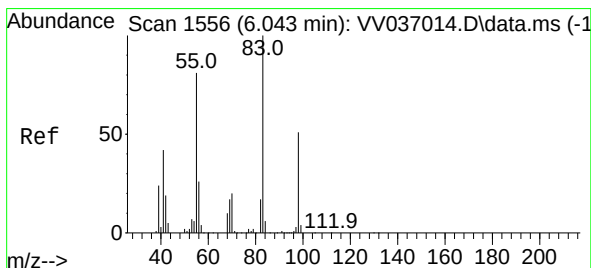
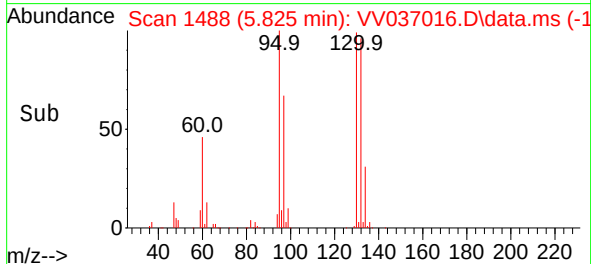
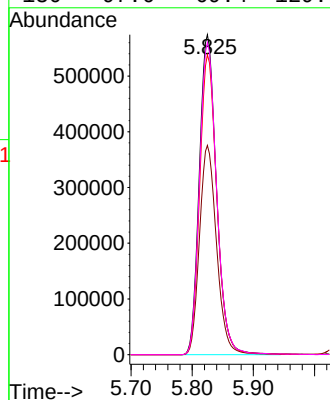
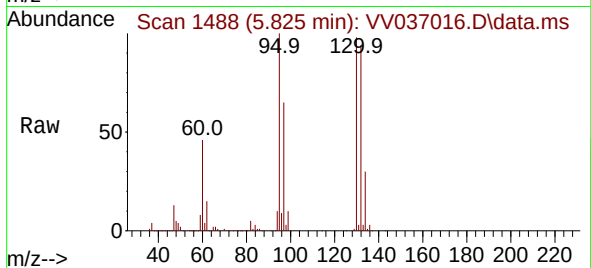
Ion Ratio Lower Upper

95 100

97 65.4 44.4 82.5

132 93.8 64.9 120.5

130 97.6 69.4 129.0



#35

Methylcyclohexane

Concen: 211.968 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

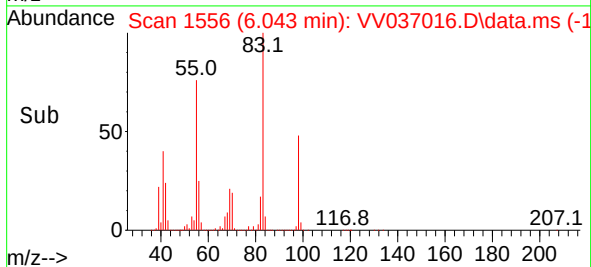
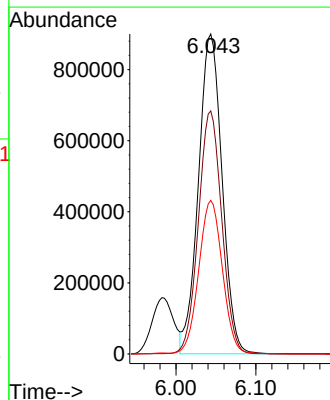
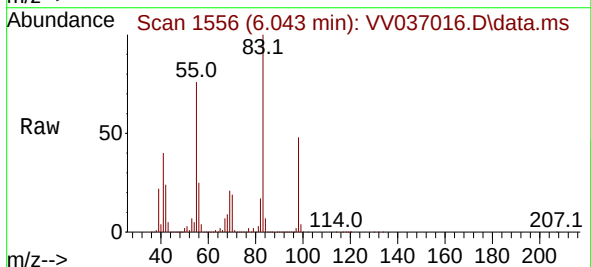
Tgt Ion: 83 Resp: 1854304

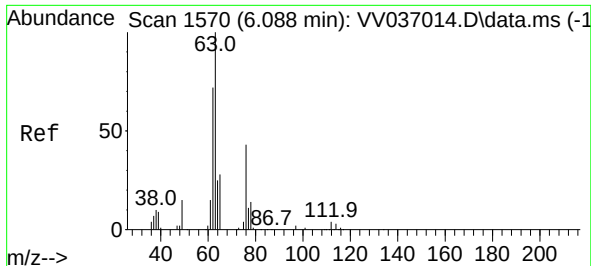
Ion Ratio Lower Upper

83 100

55 75.3 61.2 91.8

98 48.1 39.3 58.9

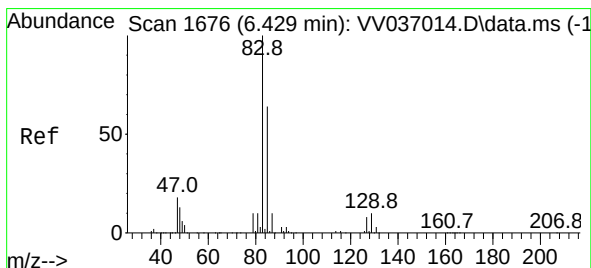
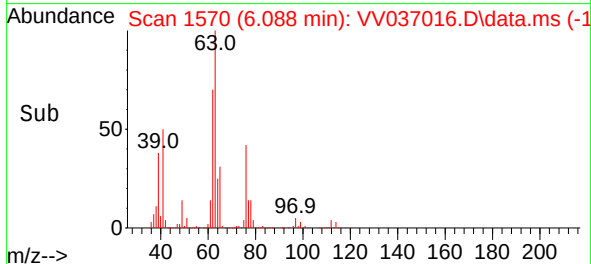
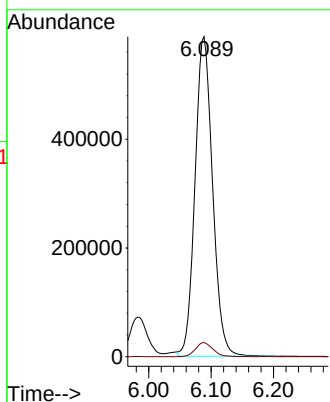
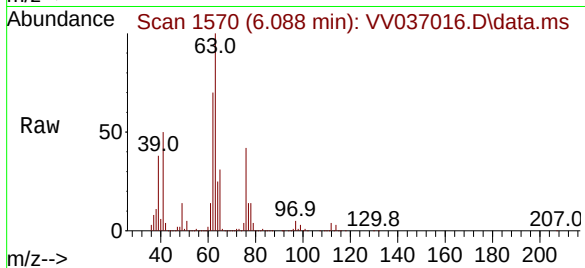




#37
1,2-Dichloropropane
Concen: 207.823 ug/L
RT: 6.088 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

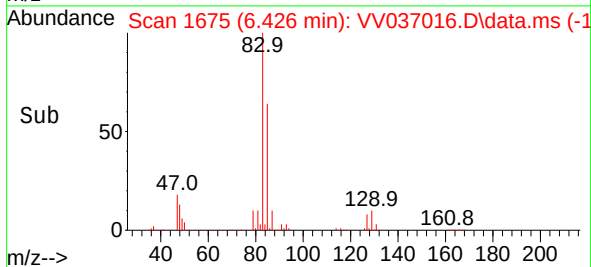
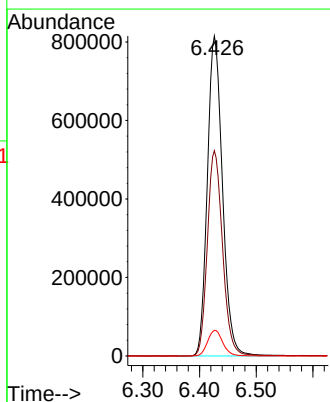
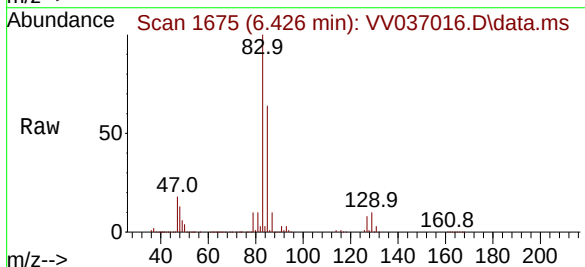
Instrument :
MSVOA_V
ClientSampleId :

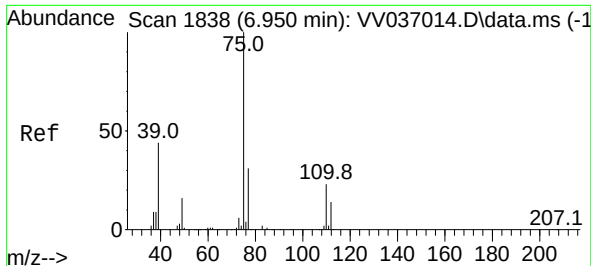
Tgt Ion: 63 Resp: 1147792
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 213.832 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Tgt Ion: 83 Resp: 1511990
Ion Ratio Lower Upper
83 100
85 64.2 44.5 82.7
127 8.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 228.084 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

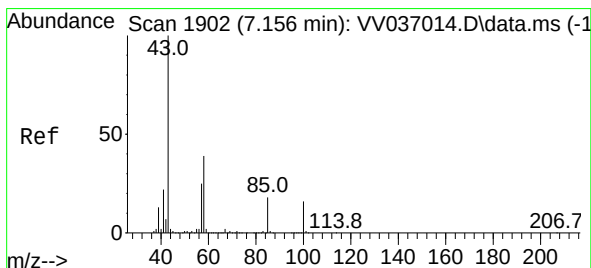
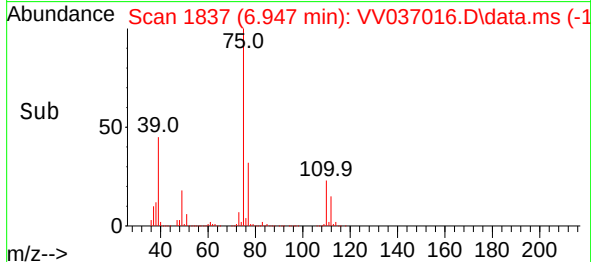
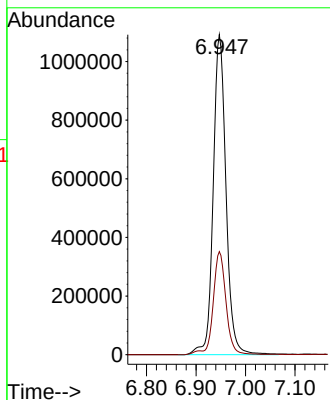
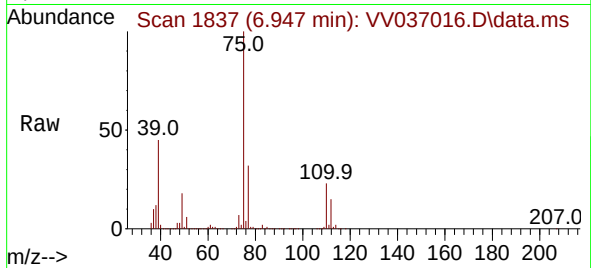
ClientSampleId :

Tgt Ion: 75 Resp: 1959557

Ion Ratio Lower Upper

75 100

77 32.2 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 455.117 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

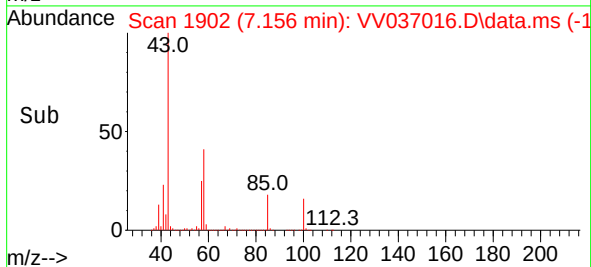
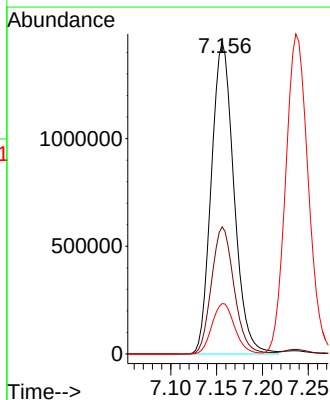
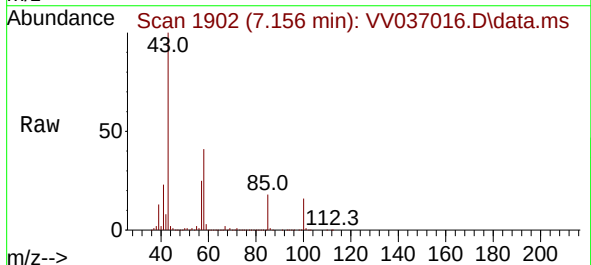
Tgt Ion: 43 Resp: 2480165

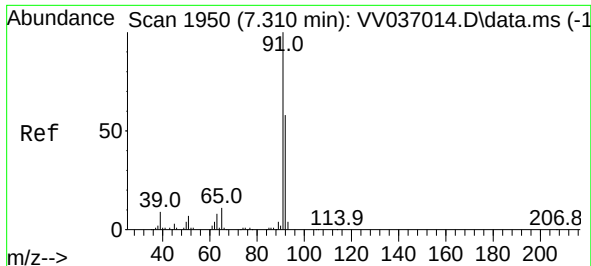
Ion Ratio Lower Upper

43 100

58 40.7 32.0 48.0

100 16.2 12.4 18.6





#42

Toluene

Concen: 211.700 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

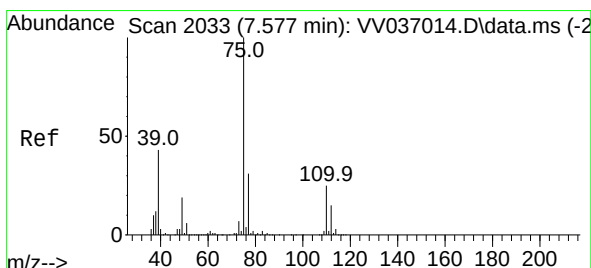
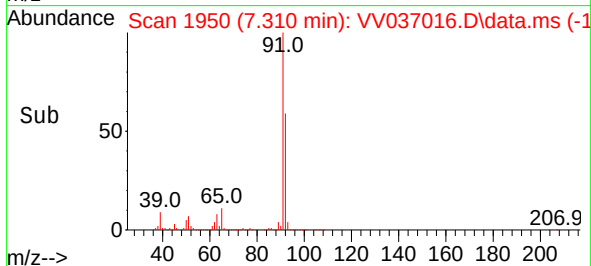
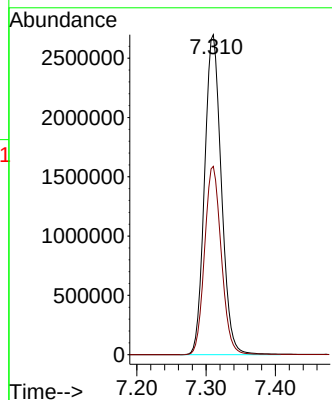
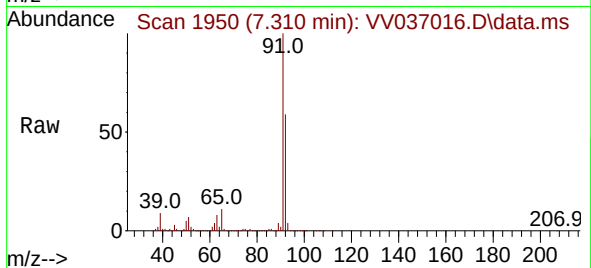
ClientSampleId :

Tgt Ion: 91 Resp: 4535836

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 230.941 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV037016.D

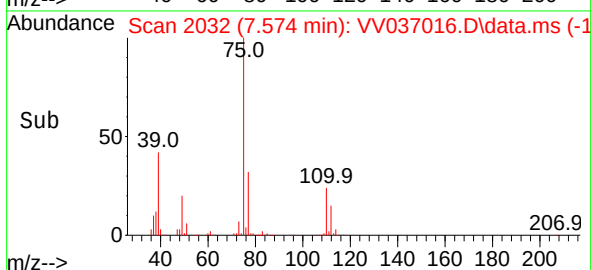
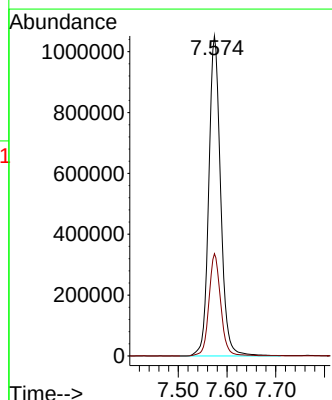
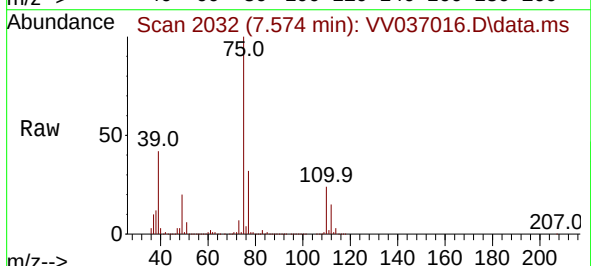
Acq: 26 Aug 2024 10:38

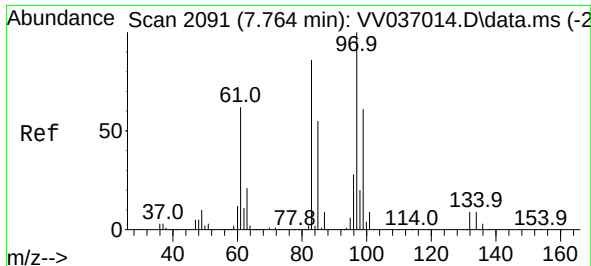
Tgt Ion: 75 Resp: 1773491

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 209.020 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 1073445

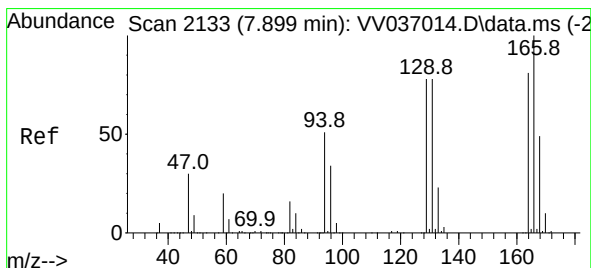
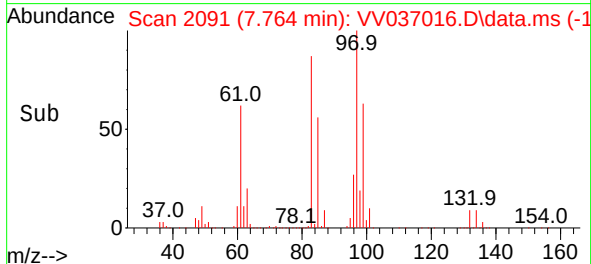
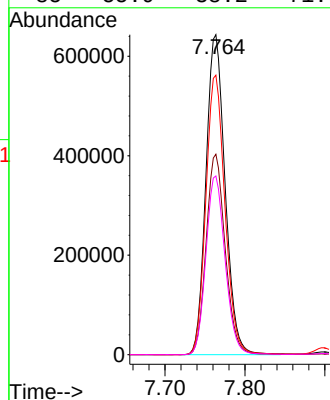
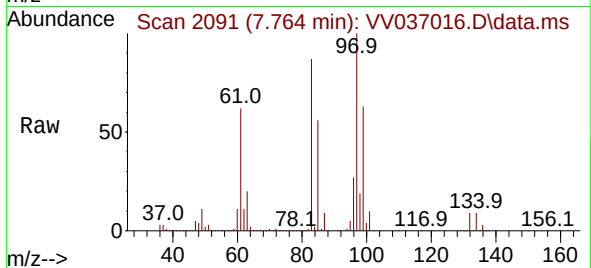
Ion Ratio Lower Upper

97 100

99 62.7 42.6 79.0

83 87.4 60.5 112.3

85 55.9 38.2 71.0



#46

Tetrachloroethene

Concen: 208.890 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Tgt Ion:164 Resp: 814071

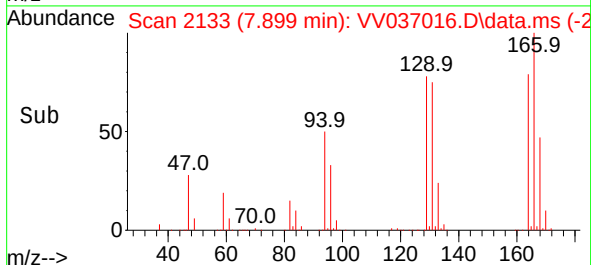
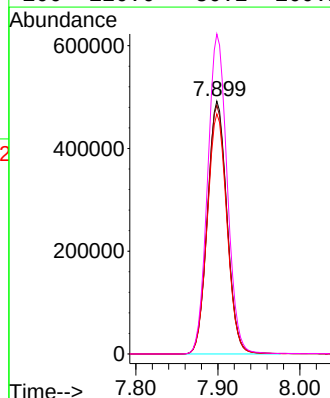
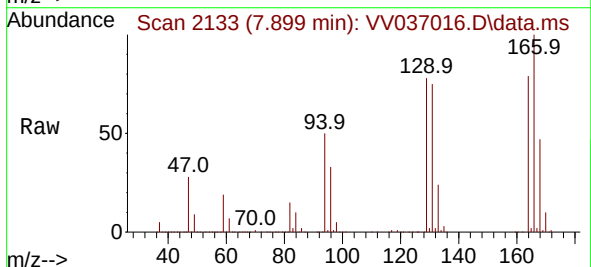
Ion Ratio Lower Upper

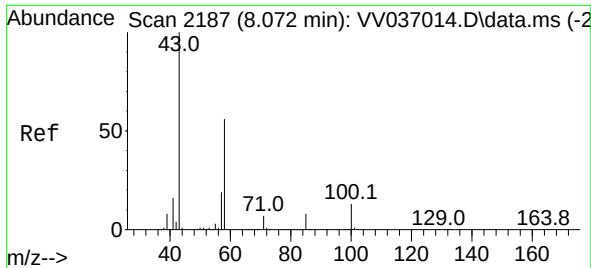
164 100

129 98.4 67.1 124.7

131 95.0 67.0 124.4

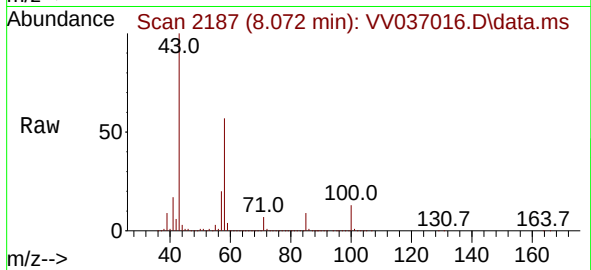
166 126.6 86.2 160.2





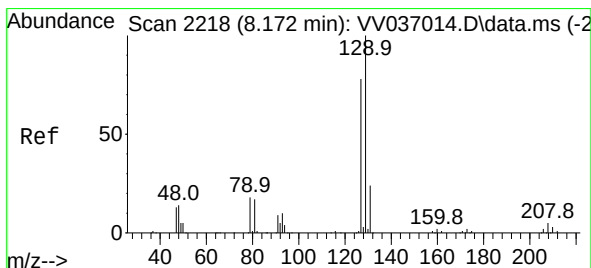
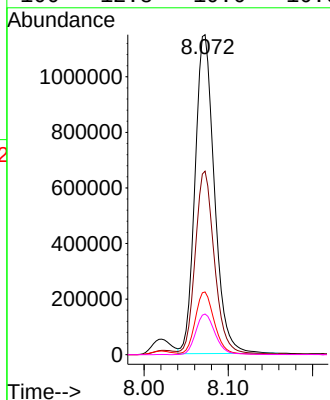
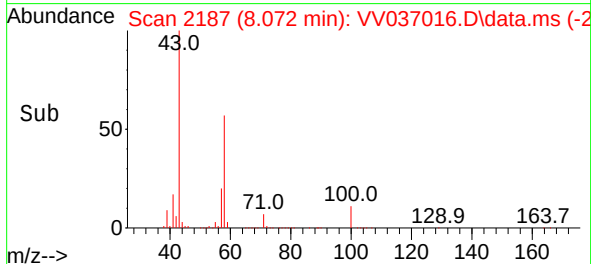
#48
2-Hexanone
Concen: 436.529 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1837578

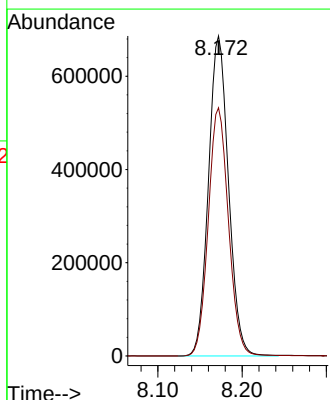
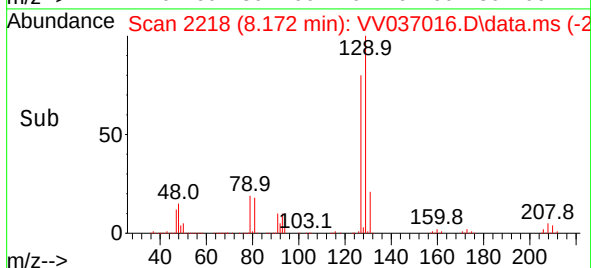
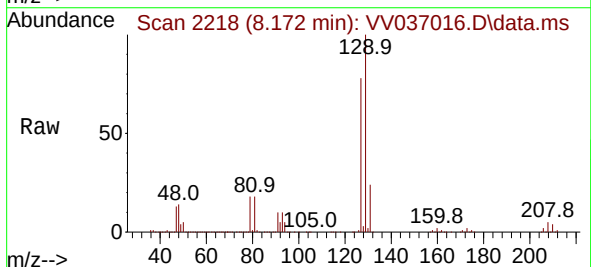
Ion	Ratio	Lower	Upper
43	100		
58	57.1	46.0	69.0
57	19.7	15.6	23.4
100	12.8	10.6	16.0

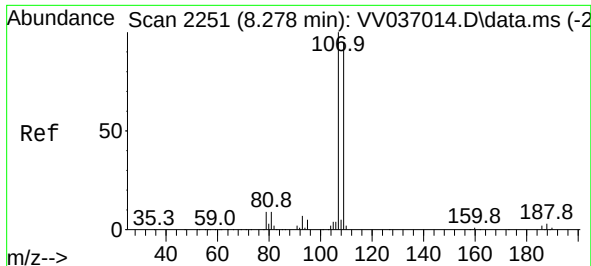


#49
Dibromochloromethane
Concen: 220.705 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Tgt Ion: 129 Resp: 1134944

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.7	101.7

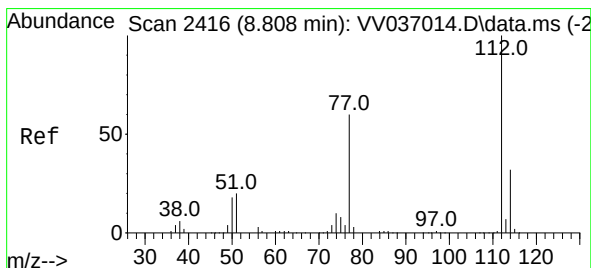
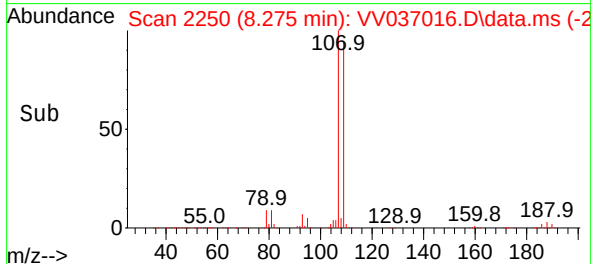
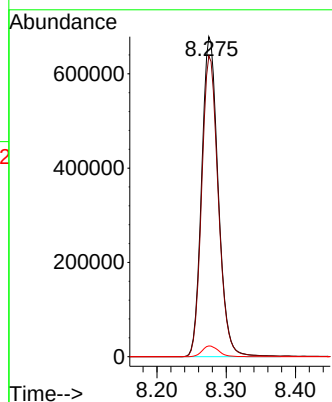
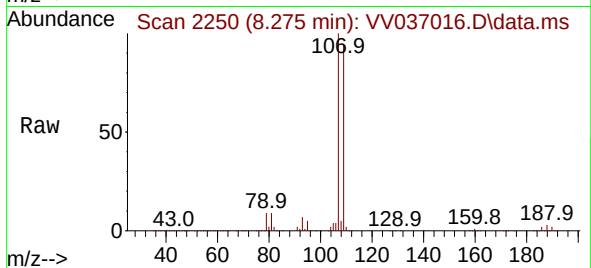




#50
1,2-Dibromoethane
Concen: 216.893 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

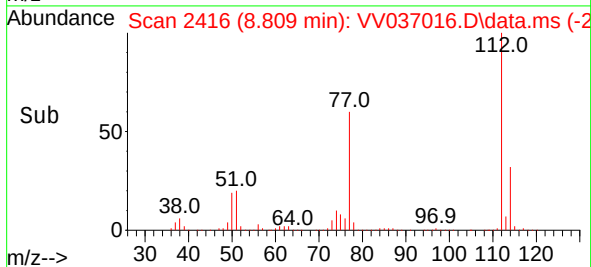
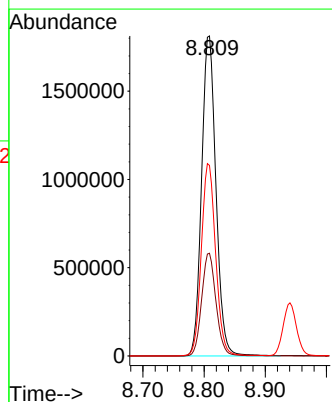
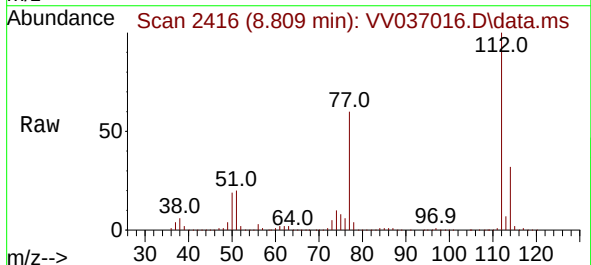
Instrument :
MSVOA_V
ClientSampleId :

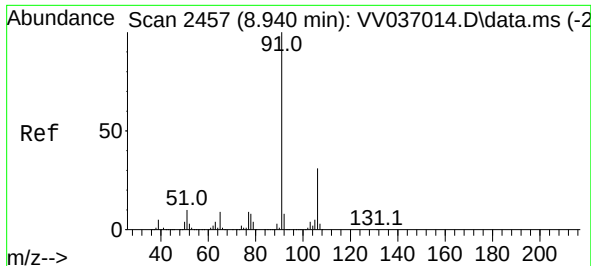
Tgt Ion:107 Resp: 1127146
Ion Ratio Lower Upper
107 100
109 94.0 66.6 123.6
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 208.650 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Tgt Ion:112 Resp: 2959621
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 59.6 47.8 71.8





#52

Ethylbenzene

Concen: 215.972 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

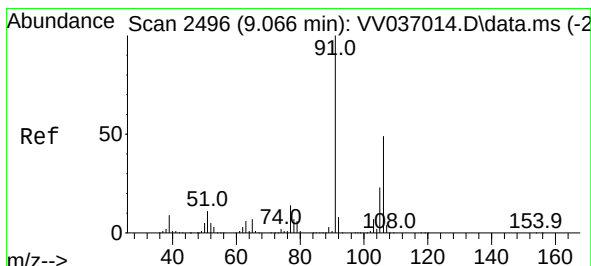
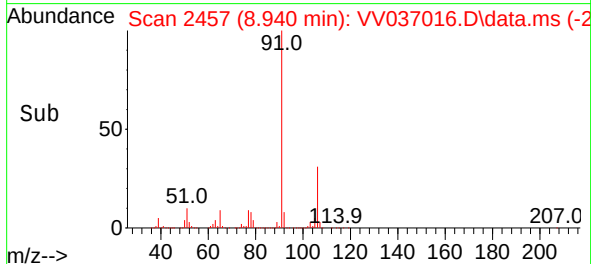
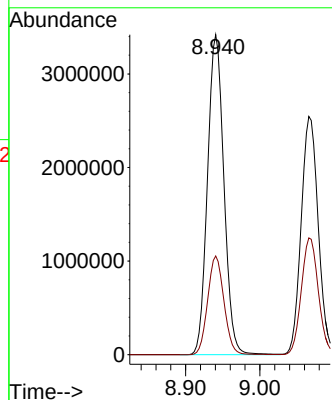
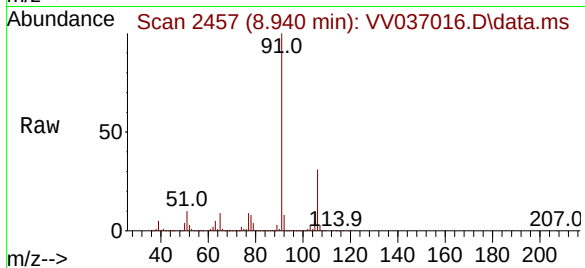
ClientSampleId :

Tgt Ion: 91 Resp: 5226833

Ion Ratio Lower Upper

91 100

106 30.9 21.4 39.8



#53

m,p-Xylene

Concen: 222.055 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037016.D

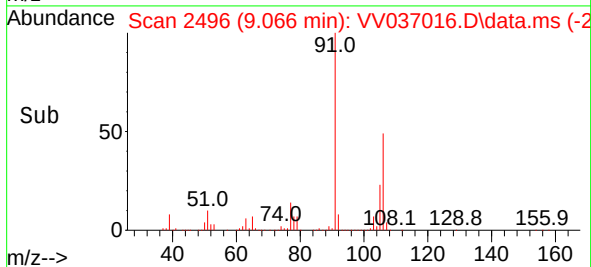
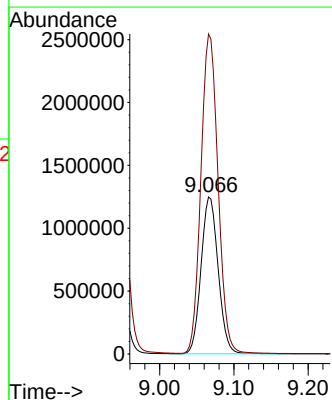
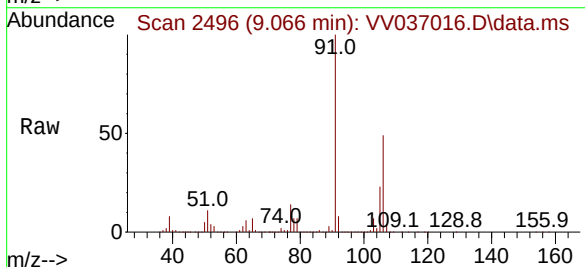
Acq: 26 Aug 2024 10:38

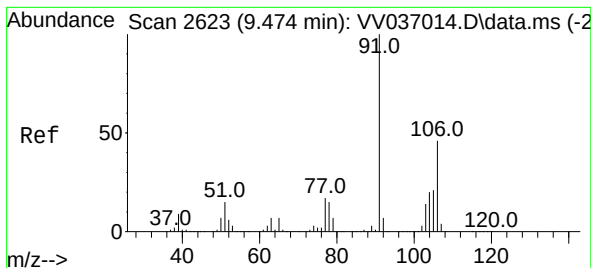
Tgt Ion: 106 Resp: 1991134

Ion Ratio Lower Upper

106 100

91 203.9 143.0 265.6





#54

o-Xylene

Concen: 223.023 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

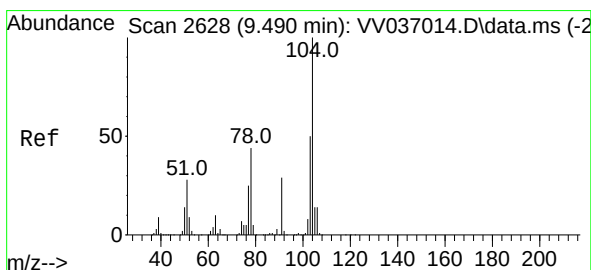
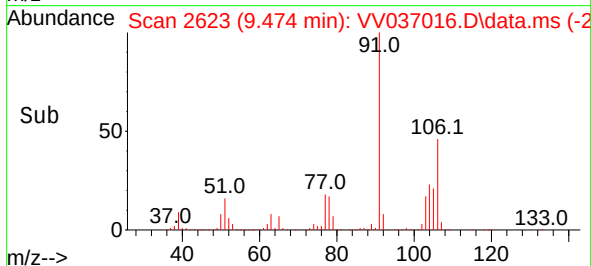
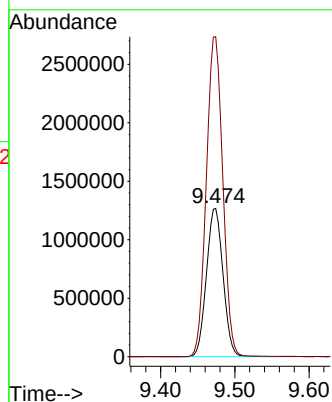
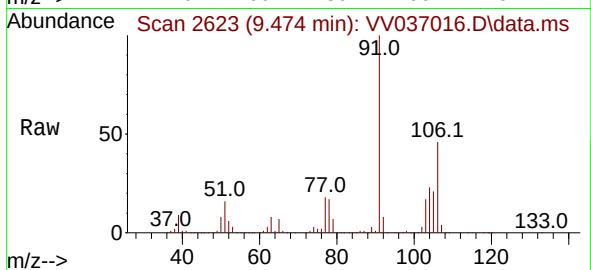
ClientSampleId :

Tgt Ion:106 Resp: 1958045

Ion Ratio Lower Upper

106 100

91 215.7 153.2 284.6



#55

Styrene

Concen: 226.881 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. 0.000 min

Lab File: VV037016.D

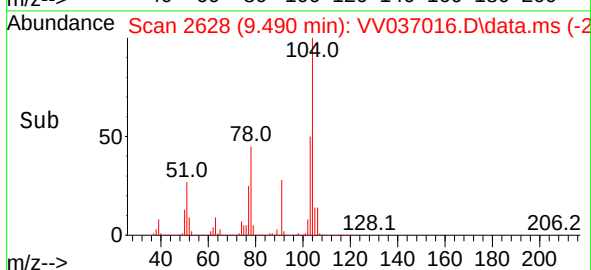
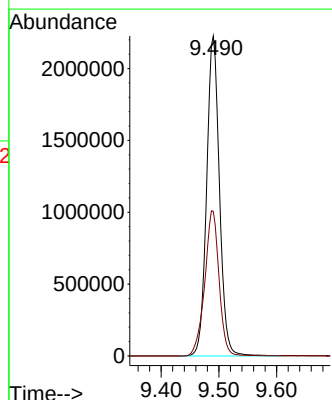
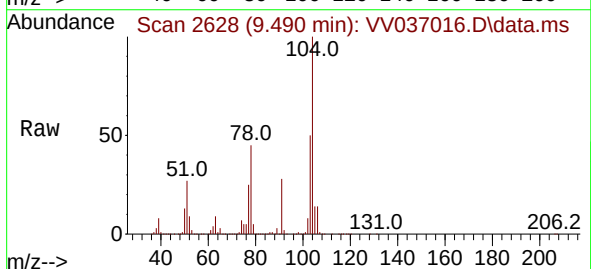
Acq: 26 Aug 2024 10:38

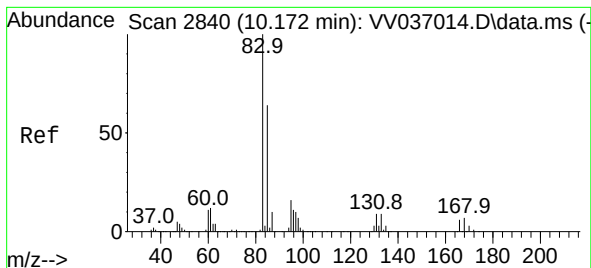
Tgt Ion:104 Resp: 3434505

Ion Ratio Lower Upper

104 100

78 45.2 30.9 57.5

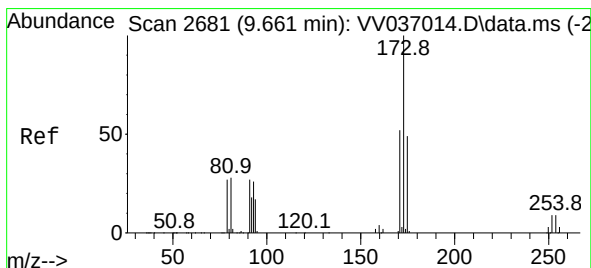
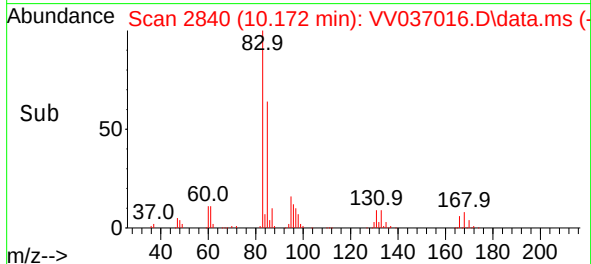
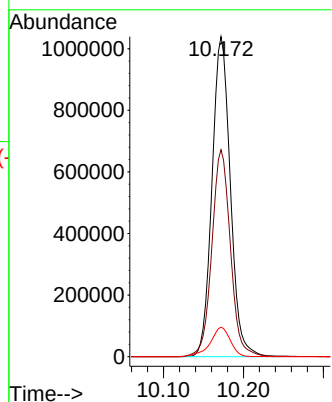
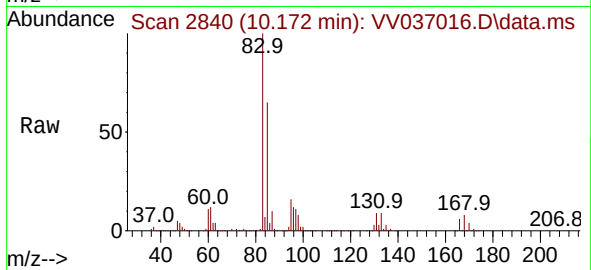




#57
1,1,2,2-Tetrachloroethane
Concen: 217.559 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

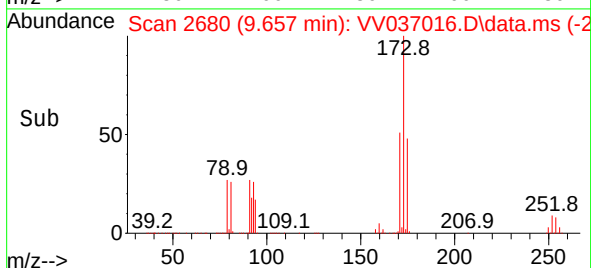
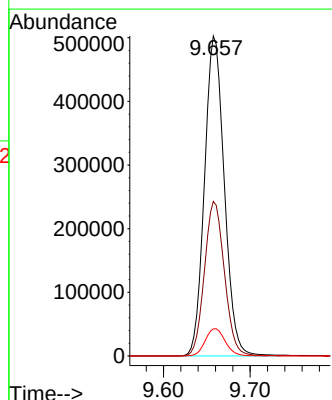
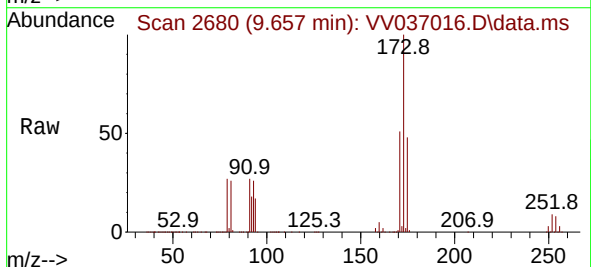
Instrument :
MSVOA_V
ClientSampleId :

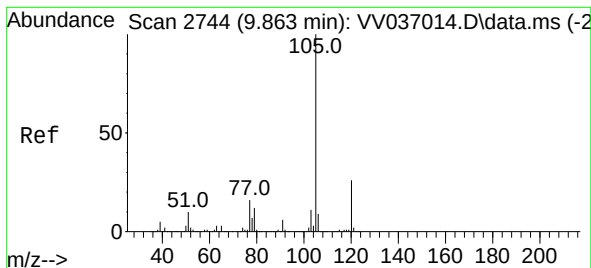
Tgt Ion: 83 Resp: 1654764
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7
131 9.2 7.4 11.0



#59
Bromoform
Concen: 226.006 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV037016.D
Acq: 26 Aug 2024 10:38

Tgt Ion:173 Resp: 798783
Ion Ratio Lower Upper
173 100
175 48.6 38.7 58.1
254 8.6 6.8 10.2





#60

Isopropylbenzene

Concen: 213.677 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

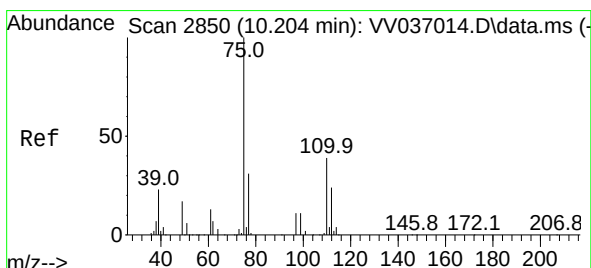
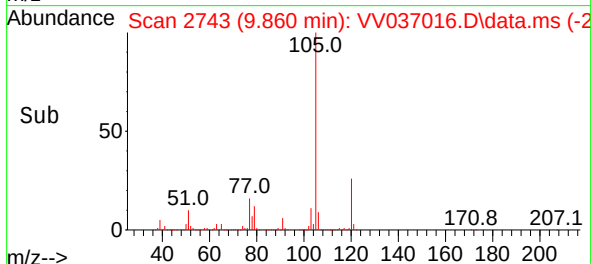
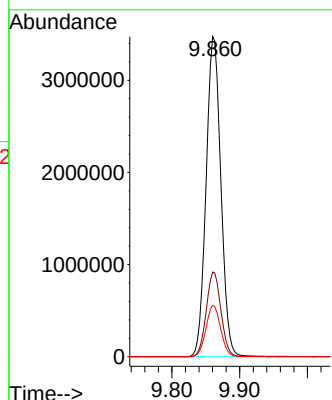
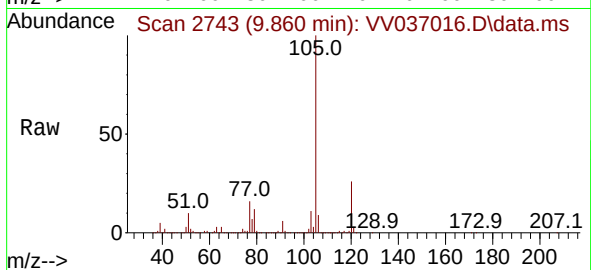
Tgt Ion:105 Resp: 5252161

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

77 15.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 207.254 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

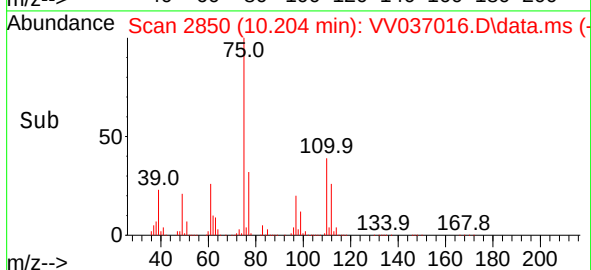
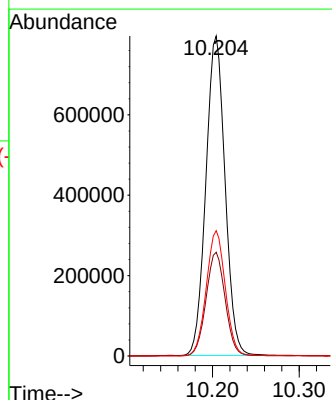
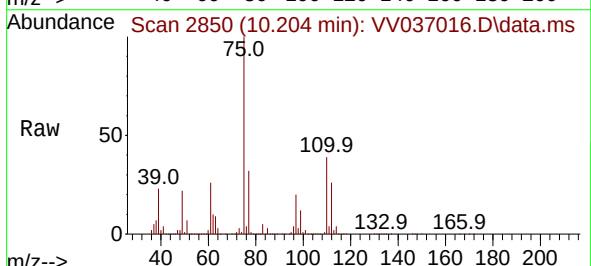
Tgt Ion: 75 Resp: 1222404

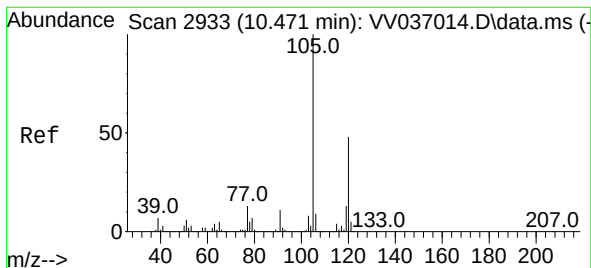
Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

110 39.2 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 219.920 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

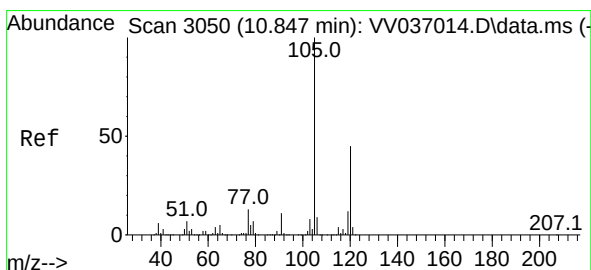
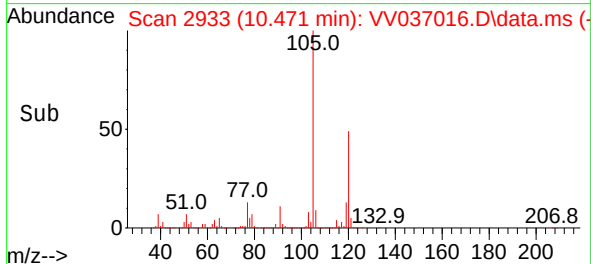
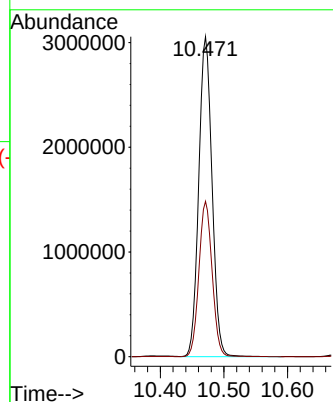
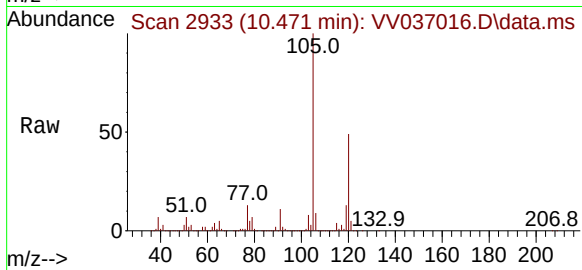
ClientSampleId :

Tgt Ion:105 Resp: 4422654

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 222.017 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037016.D

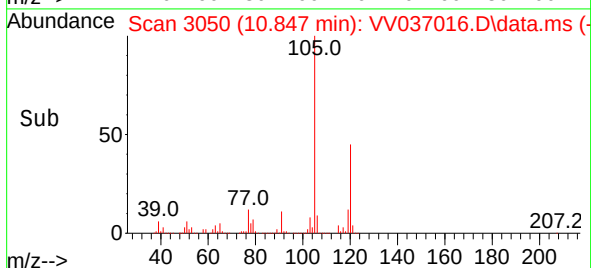
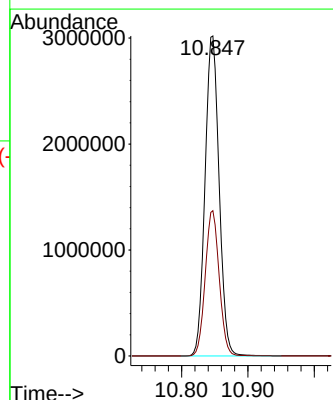
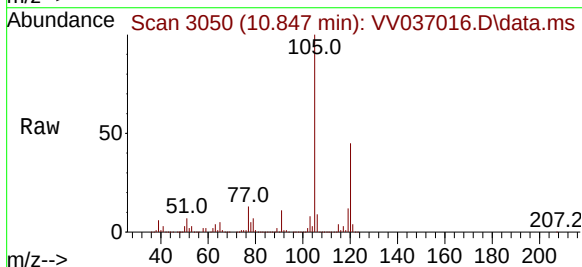
Acq: 26 Aug 2024 10:38

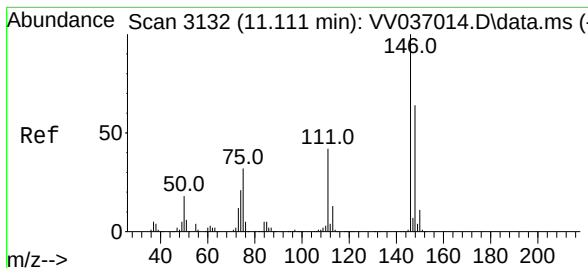
Tgt Ion:105 Resp: 4455709

Ion Ratio Lower Upper

105 100

120 45.1 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 208.726 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

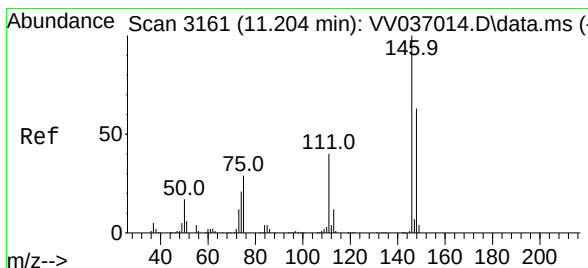
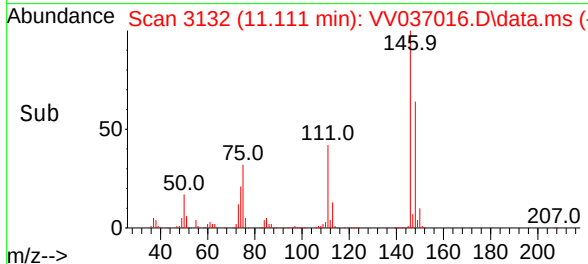
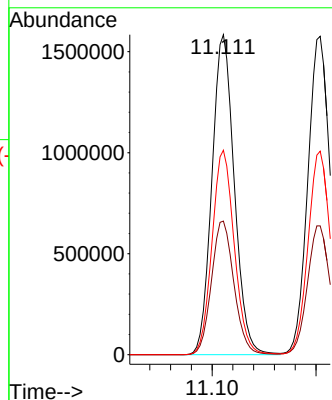
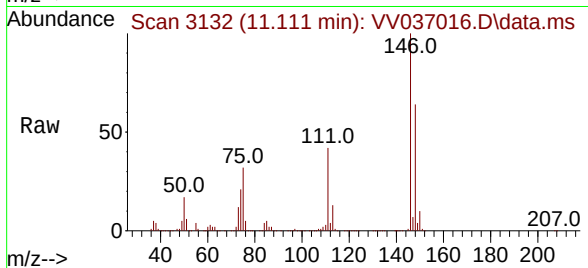
Tgt Ion:146 Resp: 2369056

Ion Ratio Lower Upper

146 100

111 41.8 29.7 55.1

148 63.9 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 208.004 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

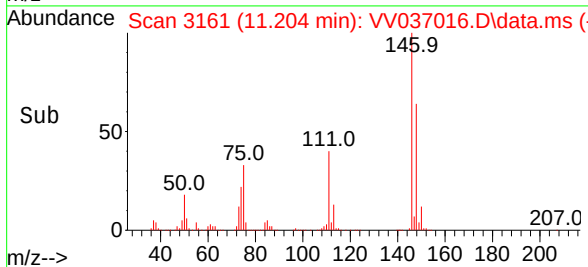
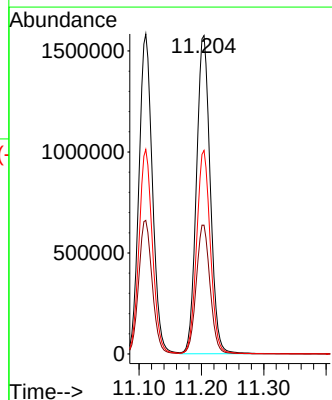
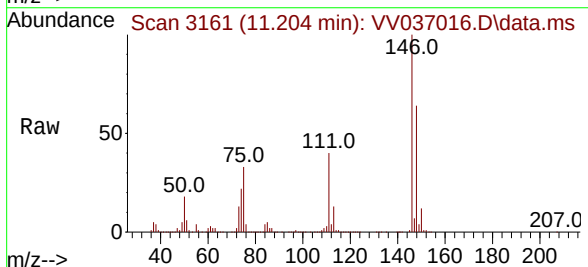
Tgt Ion:146 Resp: 2416327

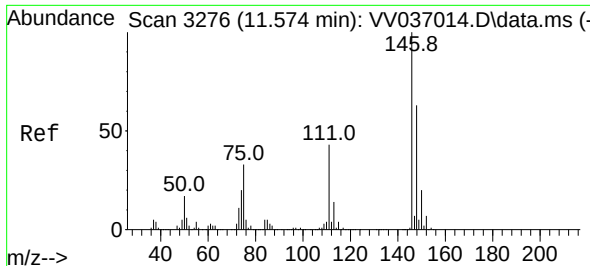
Ion Ratio Lower Upper

146 100

111 40.5 28.1 52.1

148 63.9 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 207.529 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

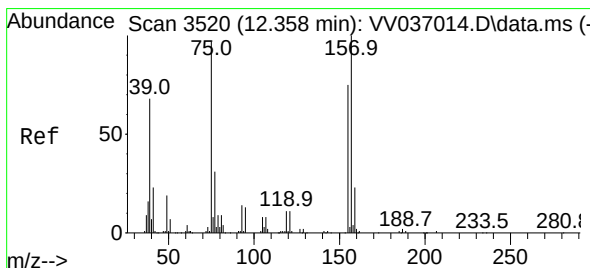
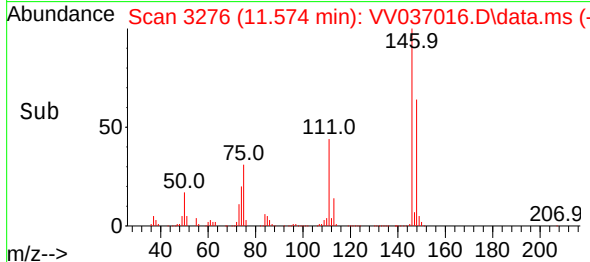
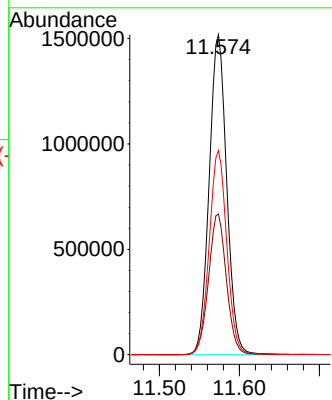
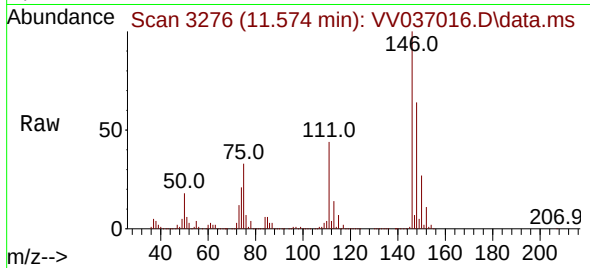
Tgt Ion:146 Resp: 2316046

Ion Ratio Lower Upper

146 100

111 44.0 34.6 51.8

148 63.8 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 232.982 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

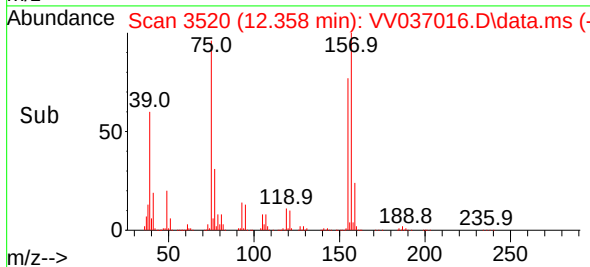
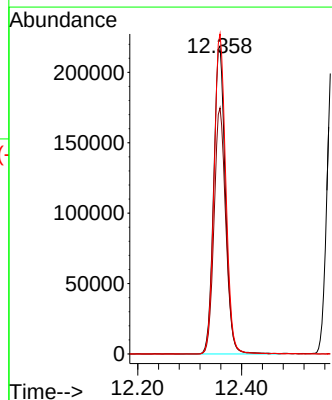
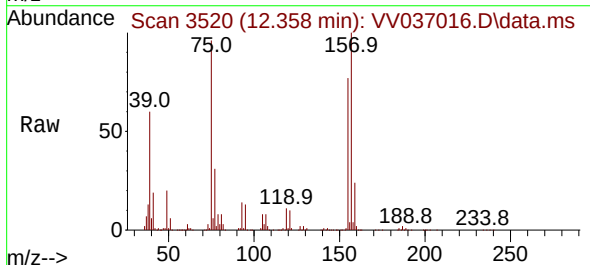
Tgt Ion: 75 Resp: 342694

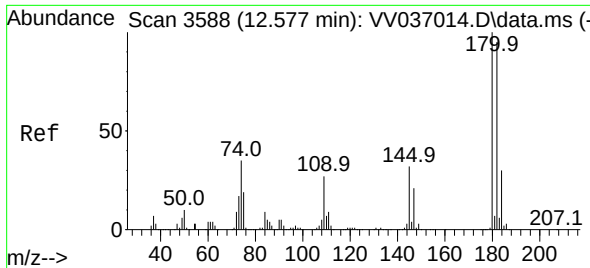
Ion Ratio Lower Upper

75 100

155 79.9 61.8 92.6

157 103.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 214.045 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

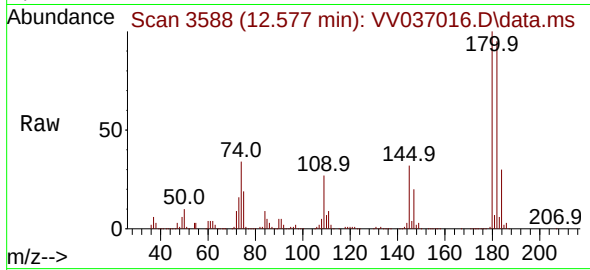
Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1690426

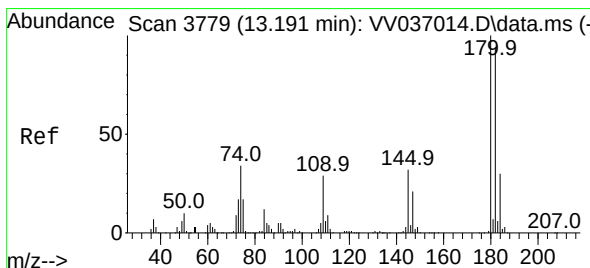
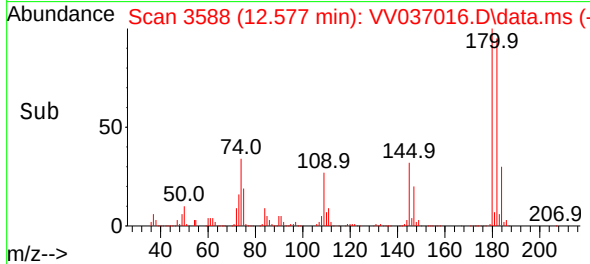
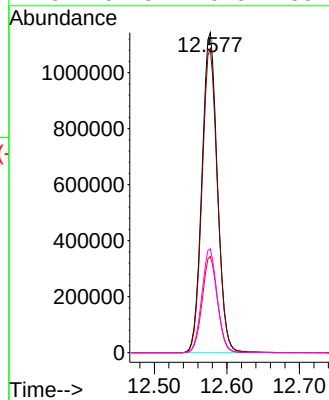
Ion Ratio Lower Upper

180 100

182 95.1 76.7 115.1

184 29.9 24.2 36.2

145 32.3 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 219.148 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

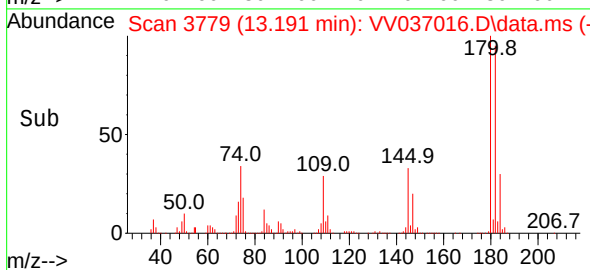
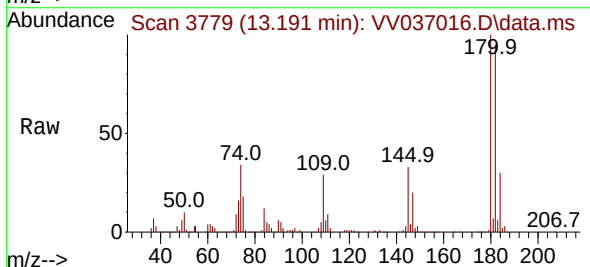
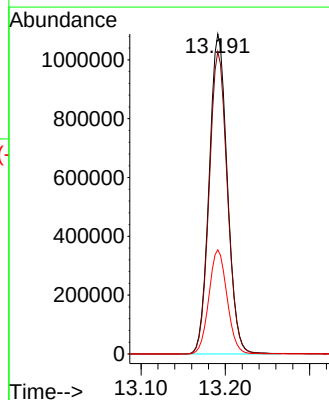
Tgt Ion:180 Resp: 1629724

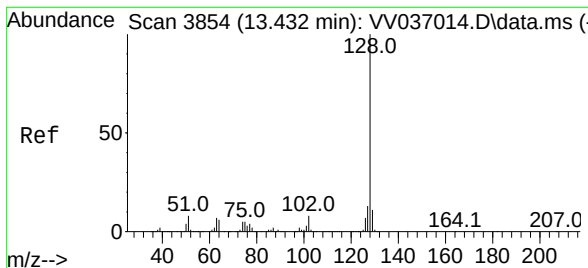
Ion Ratio Lower Upper

180 100

182 94.7 75.7 113.5

145 32.6 26.0 39.0





#71

Naphthalene

Concen: 228.051 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Instrument :

MSVOA_V

ClientSampleId :

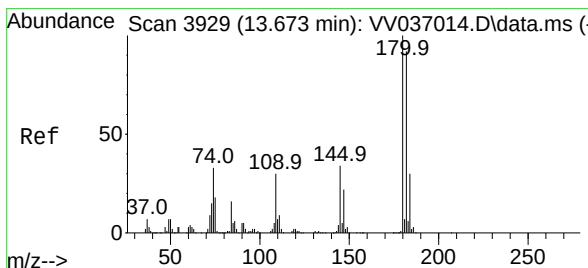
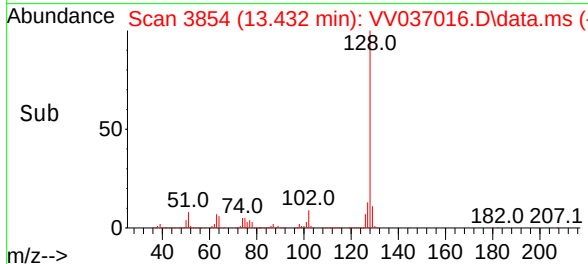
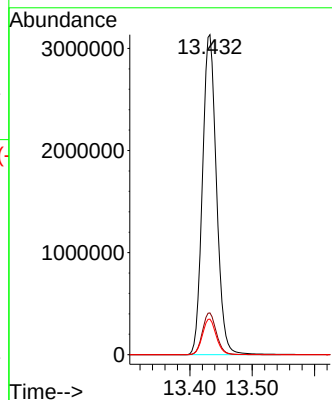
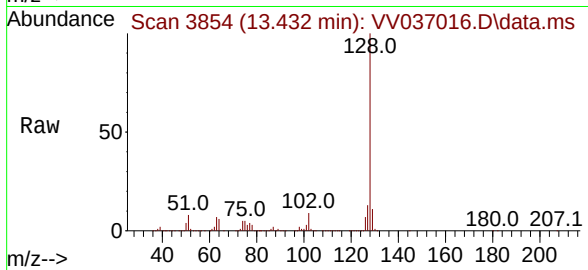
Tgt Ion:128 Resp: 4897148

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 215.093 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037016.D

Acq: 26 Aug 2024 10:38

Tgt Ion:180 Resp: 1576329

Ion Ratio Lower Upper

180 100

182 95.5 75.1 112.7

145 34.4 27.0 40.4

