

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037877.D
 Acq On : 16 Oct 2024 15:28
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 01:59:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	296095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	314087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	153011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	20996	0.813	ug/L	0.00
7) Chloroethane-d5	1.529	69	18606	0.901	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	9321	0.832	ug/L	0.00
20) 2-Butanone-d5	3.867	46	11584	2.504	ug/L	0.05
24) Chloroform-d	4.246	84	43521	1.018	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	17816	0.882	ug/L	0.00
32) Benzene-d6	4.957	84	75810	0.871	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	23594	0.878	ug/L	0.00
41) Toluene-d8	7.243	98	69212	0.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	6850	0.710	ug/L	0.01
46) 2-Hexanone-d5	8.037	63	26454	6.482	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.149	84	18039	0.859	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	26083	0.970	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	29561	1.055	ug/L	98
3) Chloromethane	1.214	50	28201	0.885	ug/L	98
5) Vinyl chloride	1.278	62	27607	0.879	ug/L	97
6) Bromomethane	1.484	94	17962	0.981	ug/L	98
8) Chloroethane	1.545	64	16915	0.876	ug/L	99
9) Trichlorofluoromethane	1.709	101	38084	1.000	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	22909	0.991	ug/L	99
12) 1,1-Dichloroethene	2.063	96	20945	0.939	ug/L	99
13) Acetone	2.156	43	29119	8.861	ug/L	95
14) Carbon disulfide	2.233	76	70302	0.990	ug/L	99
15) Methyl Acetate	2.397	43	7050	0.829	ug/L #	71
16) Methylene chloride	2.442	84	35042	1.252	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	44231	0.874	ug/L	96
18) trans-1,2-Dichloroethene	2.690	96	22565	0.977	ug/L	95
19) 1,1-Dichloroethane	3.105	63	39685	0.877	ug/L	98
21) 2-Butanone	3.944	43	21265	4.043	ug/L	77
22) cis-1,2-Dichloroethene	3.822	96	21728	0.912	ug/L	95
23) Bromochloromethane	4.153	128	10398	0.962	ug/L #	92
25) Chloroform	4.269	83	42725	0.956	ug/L	99
27) 1,2-Dichloroethane	5.050	62	20965	0.804	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	34773	0.889	ug/L	99
30) Cyclohexane	4.571	56	29522	0.811	ug/L	96
31) Carbon tetrachloride	4.725	117	30818	0.915	ug/L	100
33) Benzene	5.005	78	80726	0.828	ug/L	100
34) Trichloroethene	5.834	95	23142	0.901	ug/L	96
35) Methylcyclohexane	6.040	83	33947	0.892	ug/L	96
37) 1,2-Dichloropropane	6.095	63	19137	0.756	ug/L #	96
38) Bromodichloromethane	6.433	83	26967	0.862	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	24632	0.722	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	92004	6.872	ug/L	94
42) Toluene	7.314	91	84601	0.837	ug/L	97
44) trans-1,3-Dichloropropene	7.593	75	19938	0.718	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037877.D
 Acq On : 16 Oct 2024 15:28
 Operator : SY/MD
 Sample : VSTD001
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 01:59:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

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

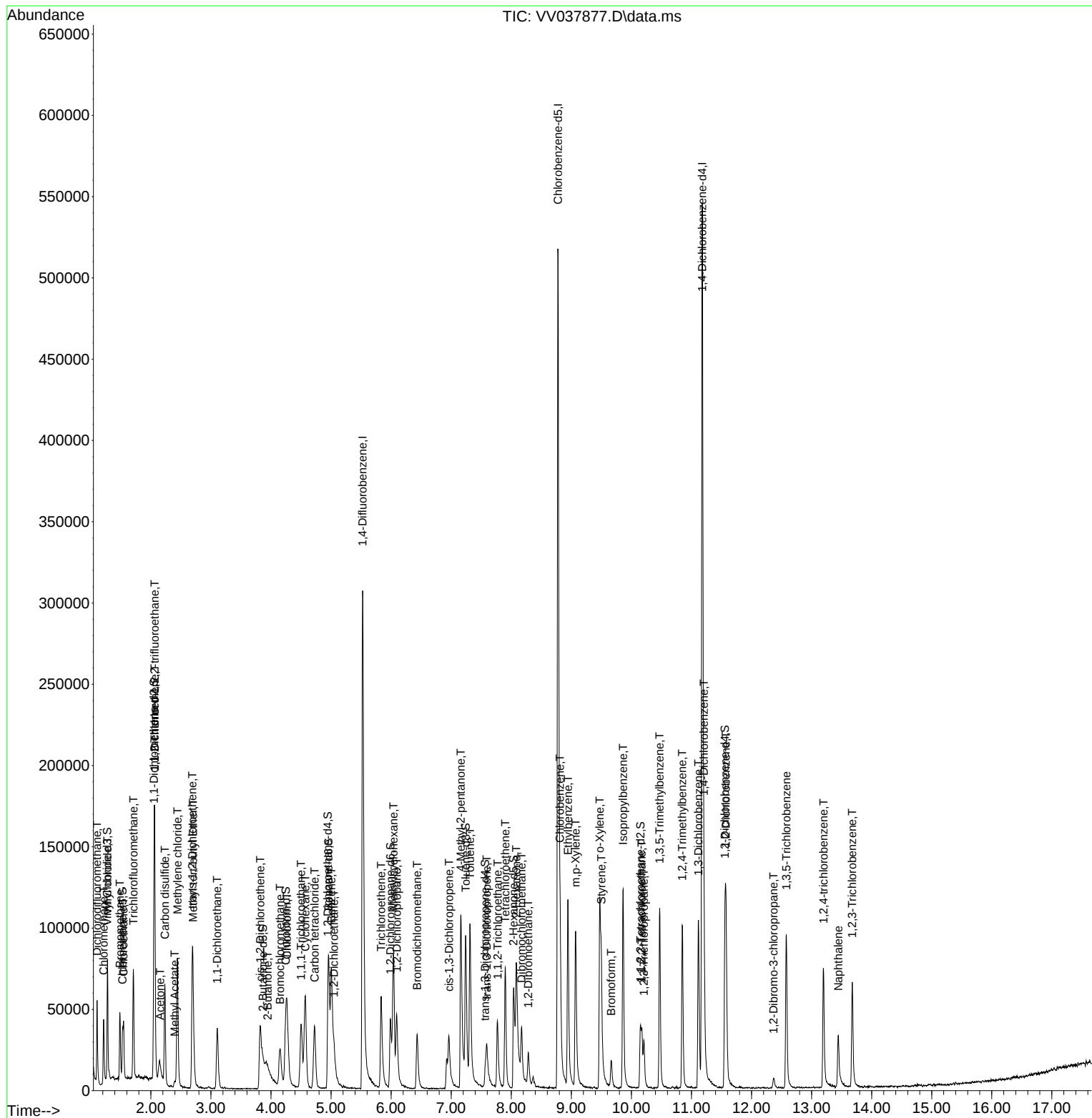
45) 1,1,2-Trichloroethane	7.773	97	15479	0.863	ug/L	94
47) Tetrachloroethene	7.902	164	18307	0.901	ug/L	95
48) 2-Hexanone	8.085	43	64135	6.500	ug/L #	94
49) Dibromochloromethane	8.172	129	16636	0.878	ug/L	100
50) 1,2-Dibromoethane	8.285	107	15019	0.885	ug/L	96
51) Chlorobenzene	8.812	112	59626	0.896	ug/L	98
52) Ethylbenzene	8.944	91	88204	0.810	ug/L	97
53) m,p-Xylene	9.072	106	31534	0.781	ug/L	97
54) o-Xylene	9.474	106	31412	0.807	ug/L	93
55) Styrene	9.500	104	50307	0.765	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	17705	0.808	ug/L #	96
59) Bromoform	9.664	173	8985	0.972	ug/L	89
60) Isopropylbenzene	9.863	105	84257	0.866	ug/L	97
61) 1,2,3-Trichloropropane	10.207	75	12127	0.810	ug/L	94
62) 1,3,5-Trimethylbenzene	10.471	105	63014	0.803	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	58733	0.759	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	46292	0.940	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	46912	0.908	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	42041	0.920	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	2449	0.815	ug/L #	89
69) 1,3,5-Trichlorobenzene	12.580	180	32054	0.869	ug/L	97
70) 1,2,4-trichlorobenzene	13.198	180	24585	0.791	ug/L	93
71) Naphthalene	13.445	128	34041	0.736	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	22644	0.827	ug/L	94

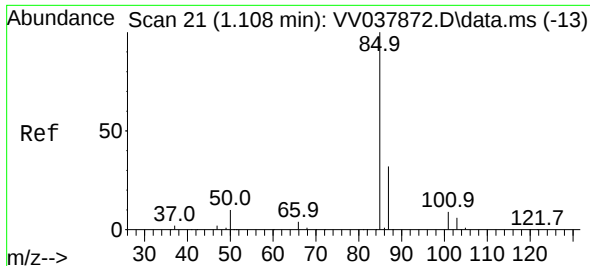
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
Data File : VV037877.D
Acq On : 16 Oct 2024 15:28
Operator : SY/MD
Sample : VSTD001
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 17 01:59:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 17 01:55:12 2024
Response via : Initial Calibration

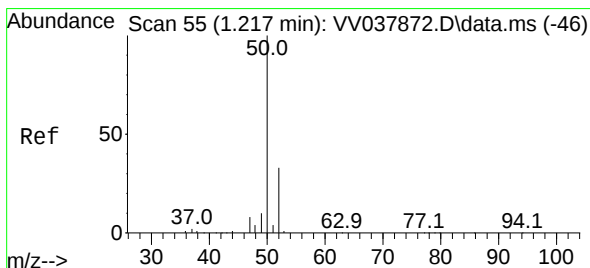
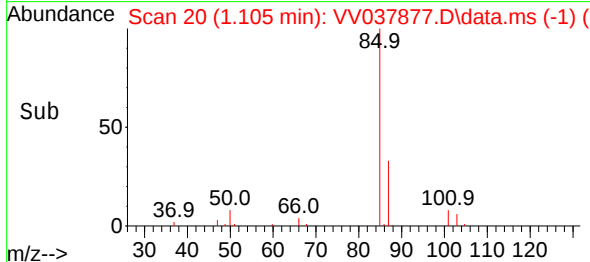
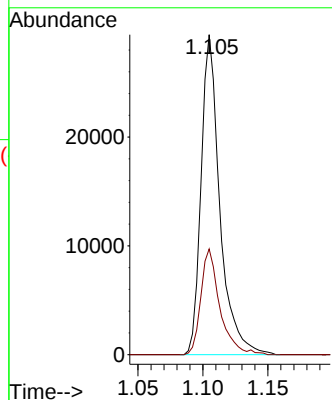
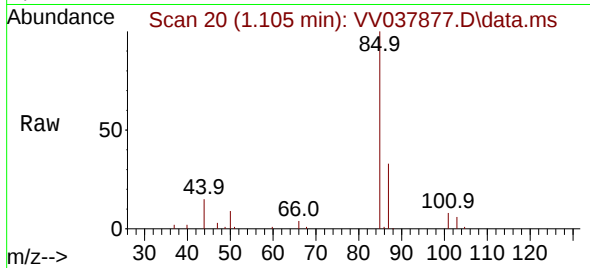




#2
Dichlorodifluoromethane
Concen: 1.055 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

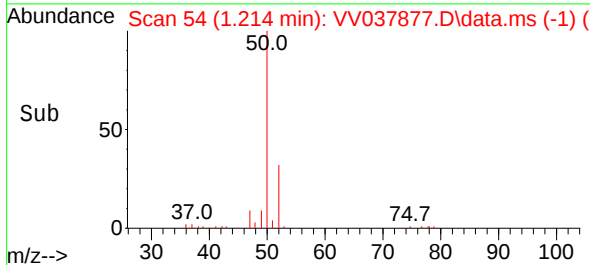
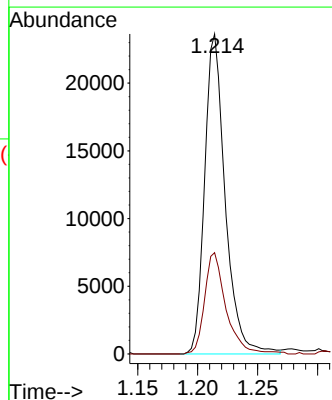
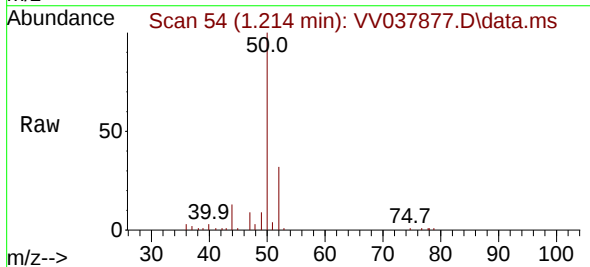
Instrument :
MSVOA_V
ClientSampleId :

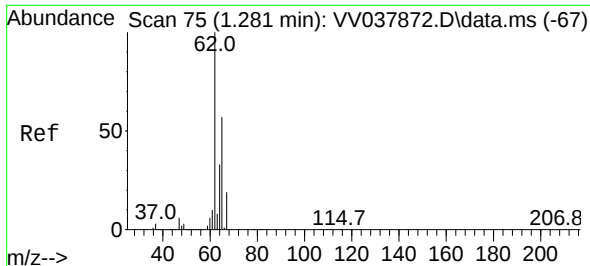
Tgt Ion: 85 Resp: 29561
Ion Ratio Lower Upper
85 100
87 33.5 25.8 38.6



#3
Chloromethane
Concen: 0.885 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

Tgt Ion: 50 Resp: 28201
Ion Ratio Lower Upper
50 100
52 31.6 22.7 42.3

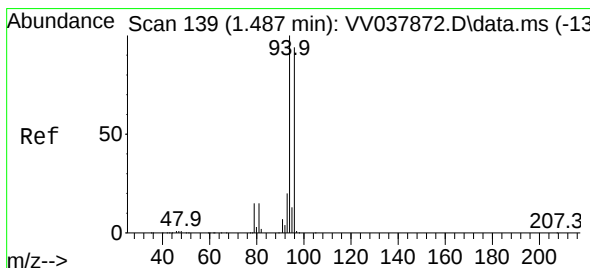
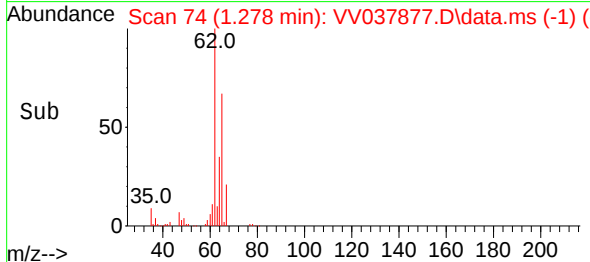
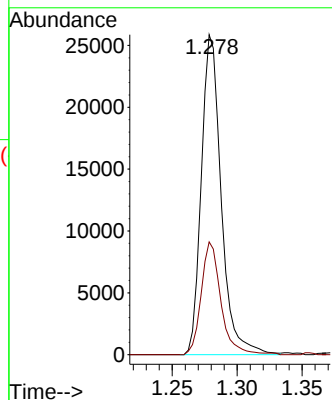
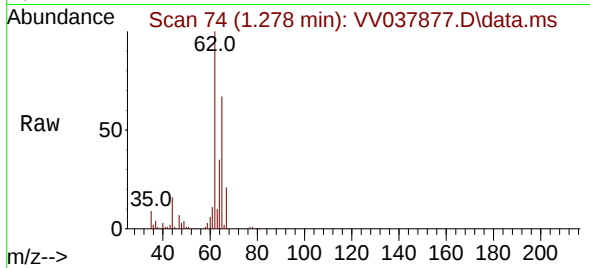




#5
 Vinyl chloride
 Concen: 0.879 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037877.D
 Acq: 16 Oct 2024 15:28

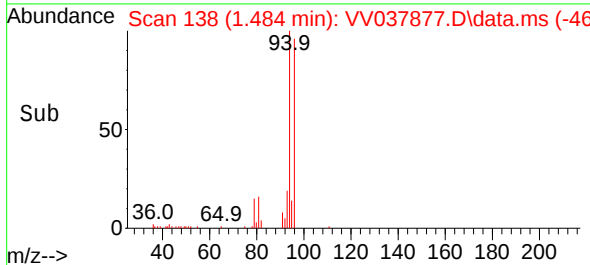
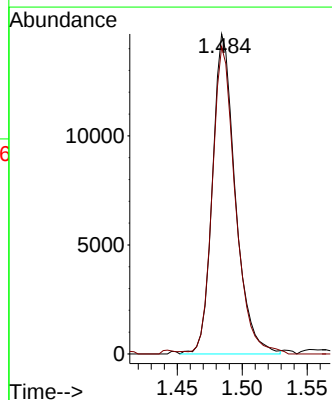
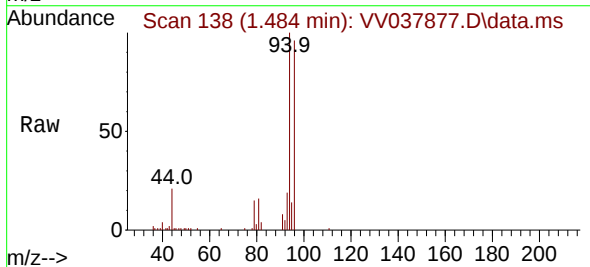
Instrument :
 MSVOA_V
 ClientSampleId :

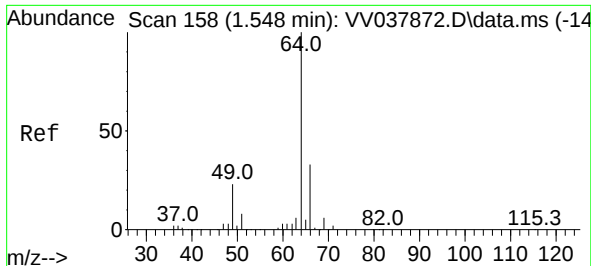
Tgt Ion: 62 Resp: 27607
 Ion Ratio Lower Upper
 62 100
 64 35.3 23.4 43.6



#6
 Bromomethane
 Concen: 0.981 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037877.D
 Acq: 16 Oct 2024 15:28

Tgt Ion: 94 Resp: 17962
 Ion Ratio Lower Upper
 94 100
 96 96.0 66.1 122.7

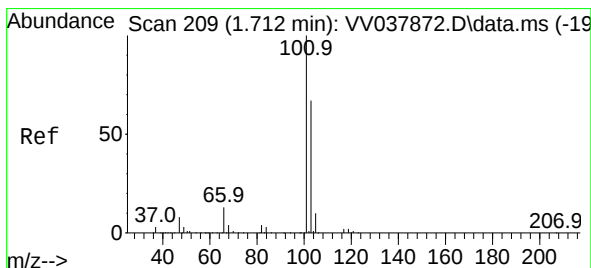
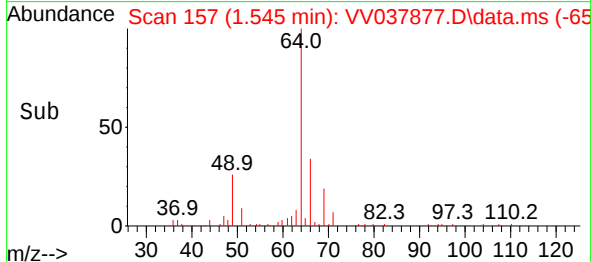
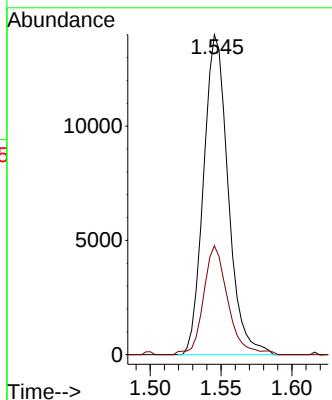
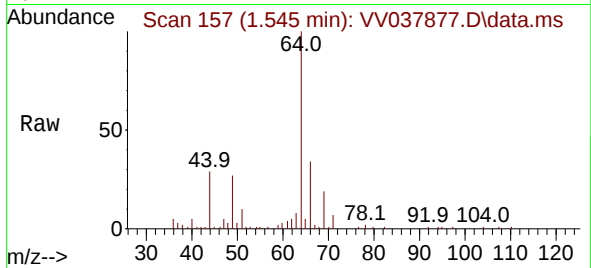




#8
Chloroethane
Concen: 0.876 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

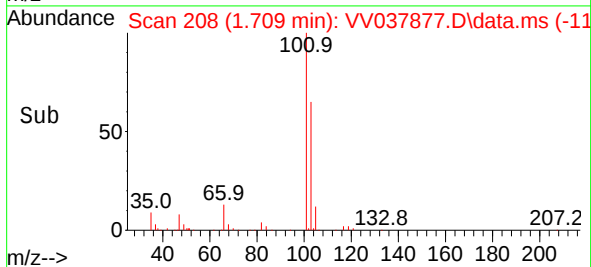
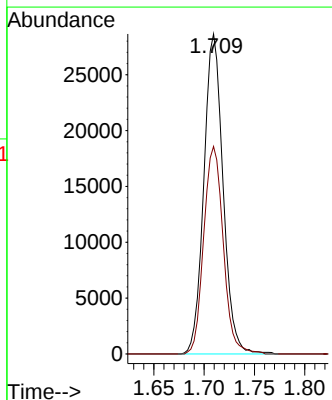
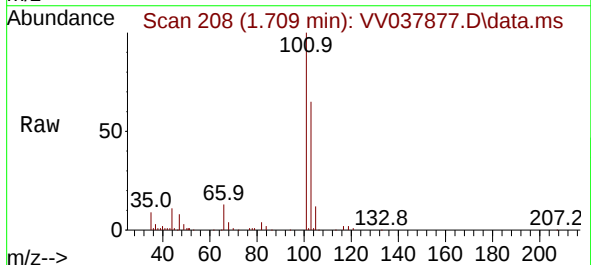
Instrument :
MSVOA_V
ClientSampleId :

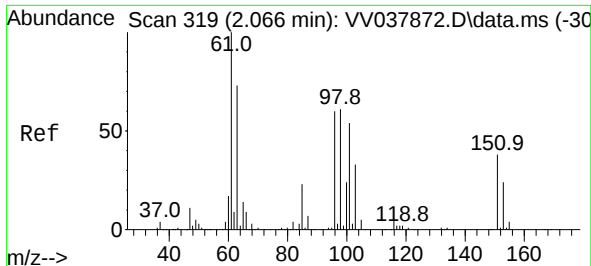
Tgt Ion: 64 Resp: 16915
Ion Ratio Lower Upper
64 100
66 34.0 23.5 43.7



#9
Trichlorofluoromethane
Concen: 1.000 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

Tgt Ion:101 Resp: 38084
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.991 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

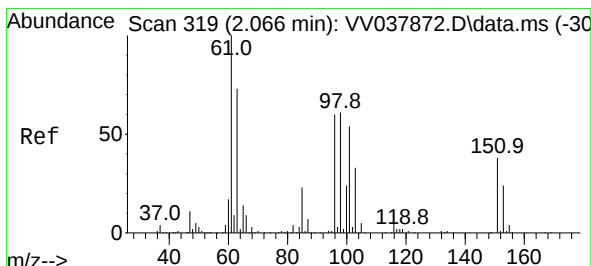
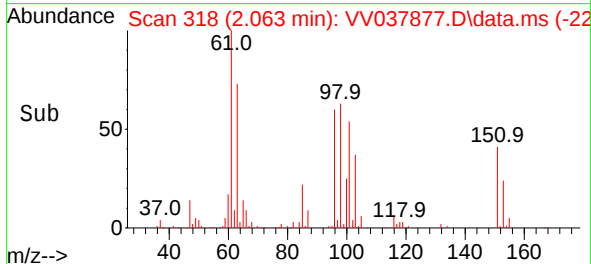
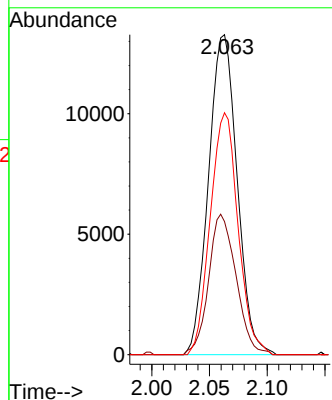
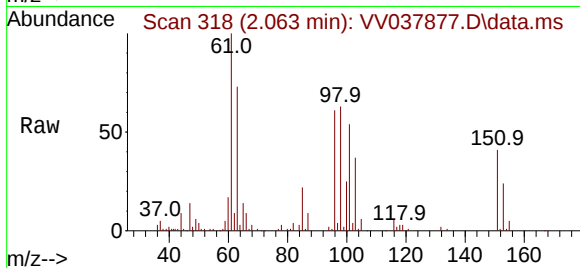
Tgt Ion:101 Resp: 22909

Ion Ratio Lower Upper

101 100

85 42.1 33.6 50.4

151 73.5 57.3 85.9



#12

1,1-Dichloroethene

Concen: 0.939 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

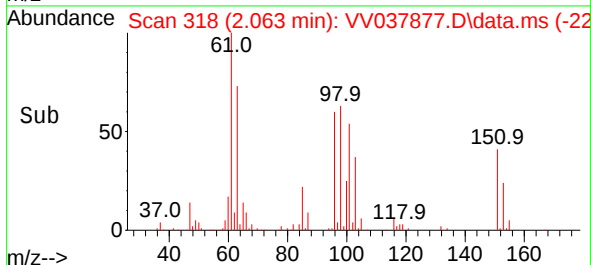
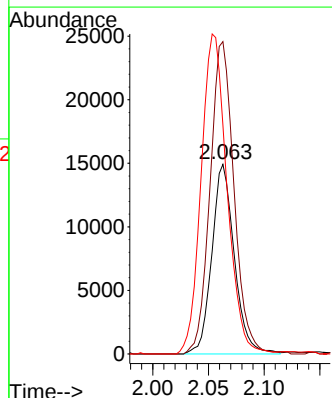
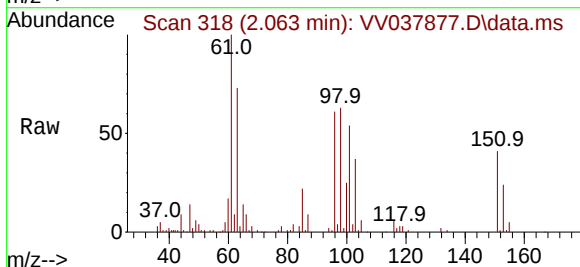
Tgt Ion: 96 Resp: 20945

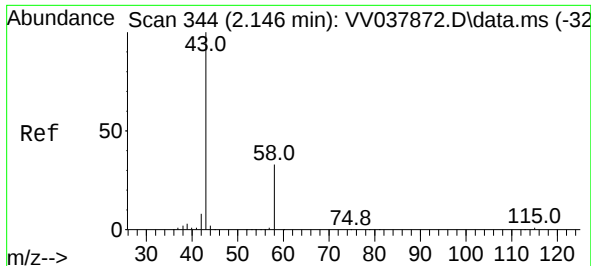
Ion Ratio Lower Upper

96 100

61 164.7 116.3 215.9

63 120.6 84.9 157.7





#13

Acetone

Concen: 8.861 ug/L

RT: 2.156 min Scan# 344

Delta R.T. 0.010 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

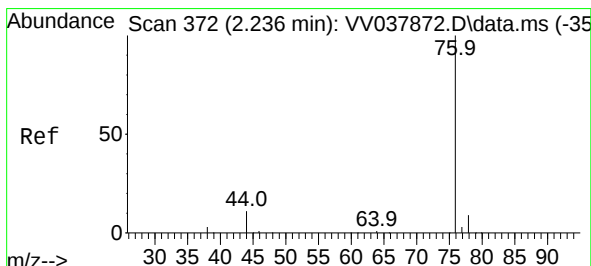
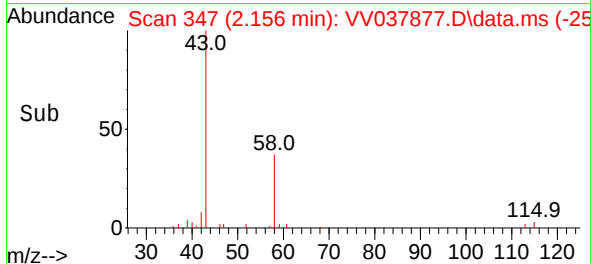
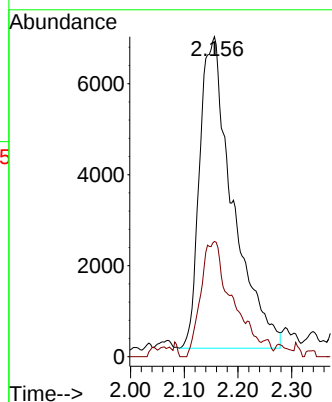
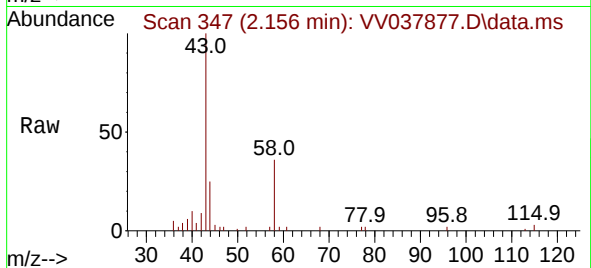
ClientSampleId :

Tgt Ion: 43 Resp: 29119

Ion Ratio Lower Upper

43 100

58 32.2 0.0 70.6



#14

Carbon disulfide

Concen: 0.990 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037877.D

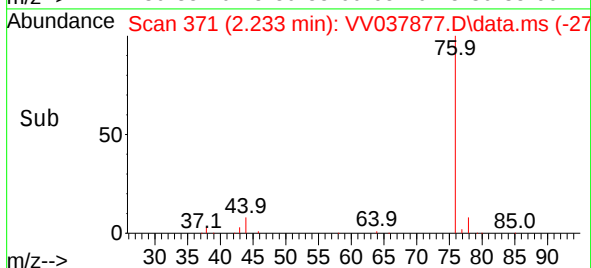
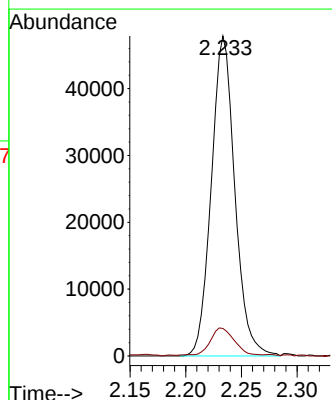
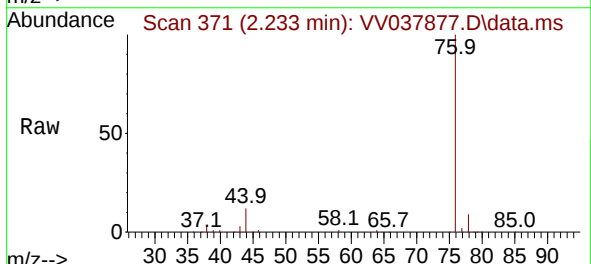
Acq: 16 Oct 2024 15:28

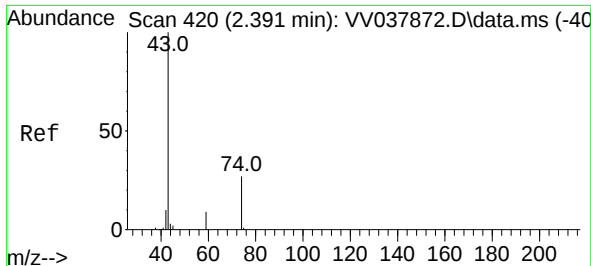
Tgt Ion: 76 Resp: 70302

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





#15

Methyl Acetate

Concen: 0.829 ug/L

RT: 2.397 min Scan# 41

Delta R.T. 0.007 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

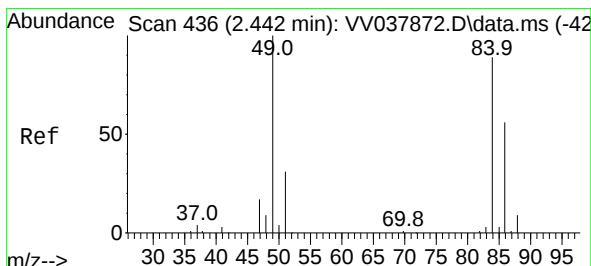
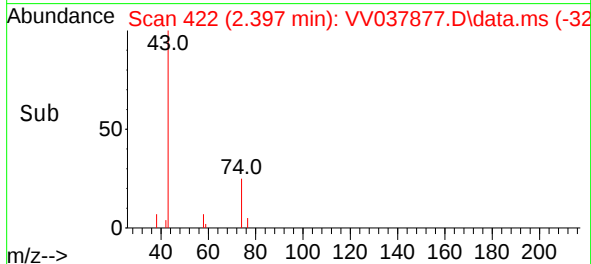
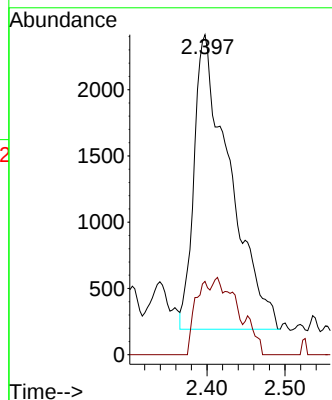
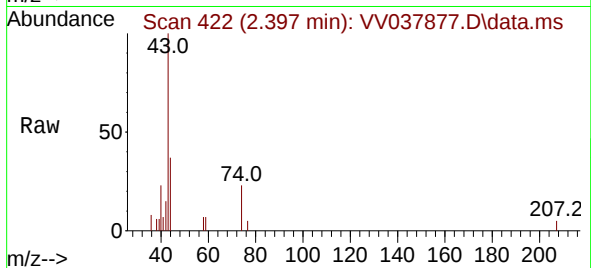
ClientSampleId :

Tgt Ion: 43 Resp: 7050

Ion Ratio Lower Upper

43 100

74 10.6 20.4 30.6#



#16

Methylene chloride

Concen: 1.252 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

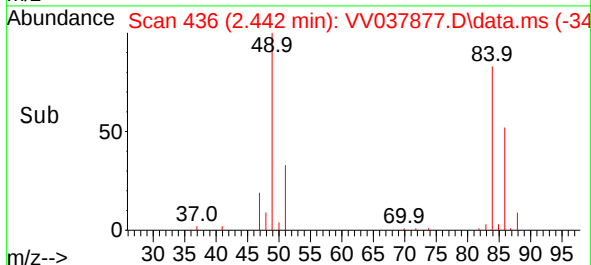
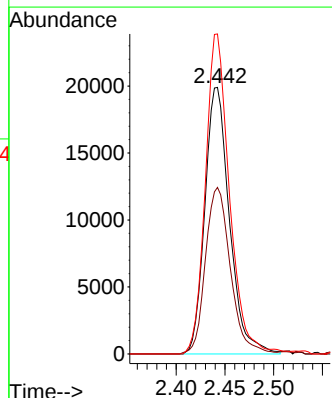
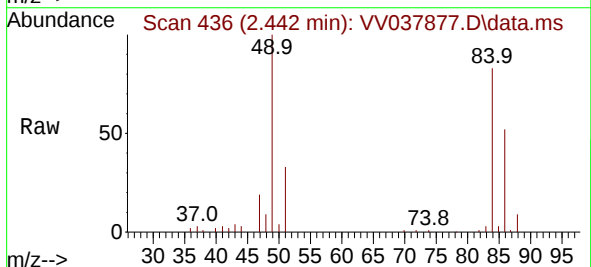
Tgt Ion: 84 Resp: 35042

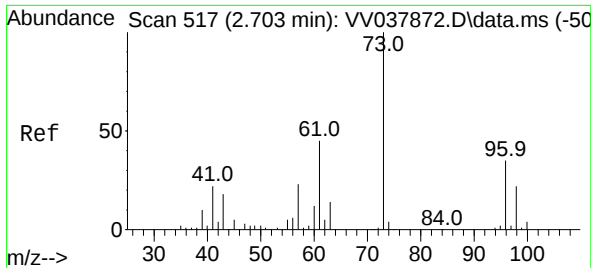
Ion Ratio Lower Upper

84 100

86 62.5 44.0 81.6

49 120.1 78.8 146.4





#17

Methyl tert-butyl Ether

Concen: 0.874 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

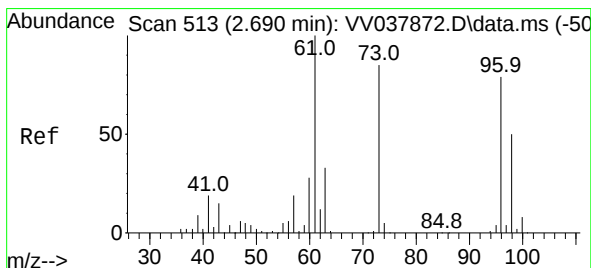
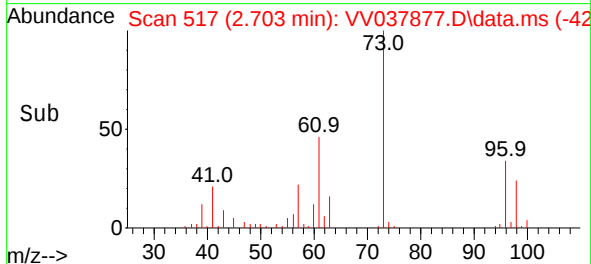
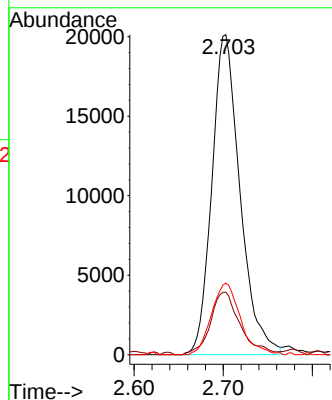
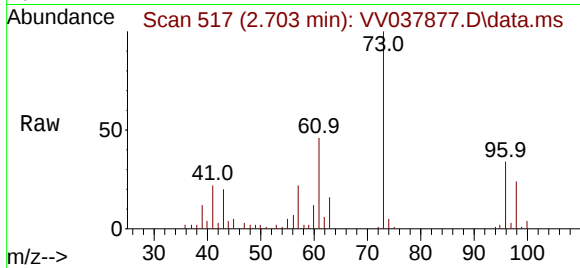
Tgt Ion: 73 Resp: 44231

Ion Ratio Lower Upper

73 100

43 20.7 14.2 21.2

57 22.9 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 0.977 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

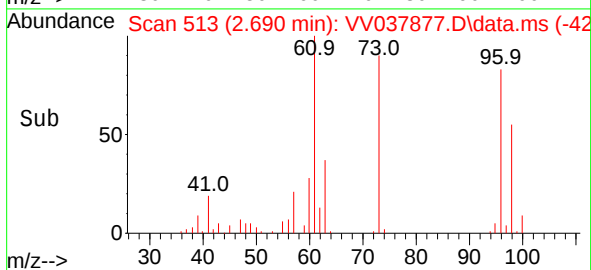
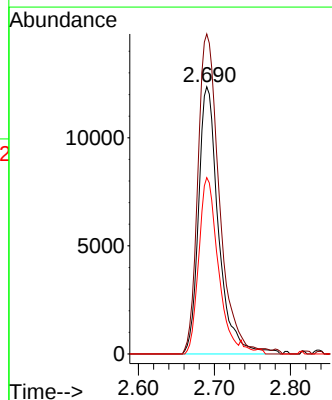
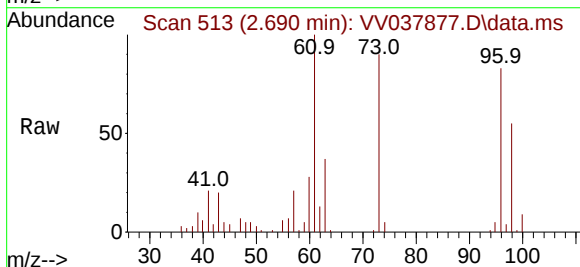
Tgt Ion: 96 Resp: 22565

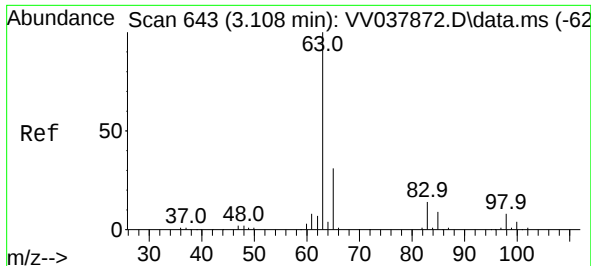
Ion Ratio Lower Upper

96 100

61 119.8 88.4 164.2

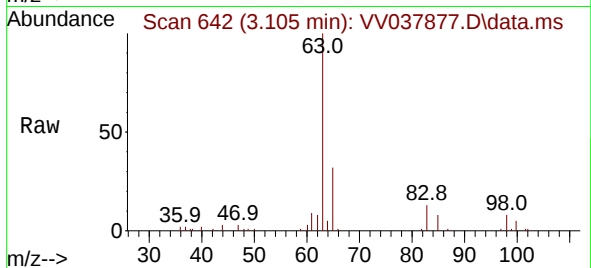
98 66.0 44.6 82.8



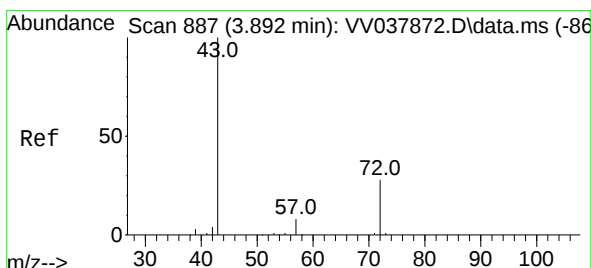
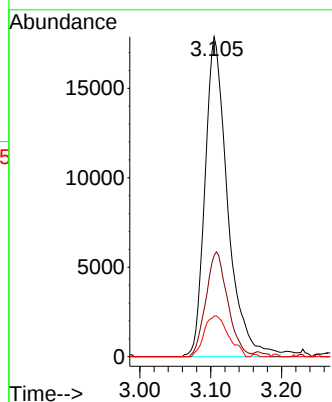
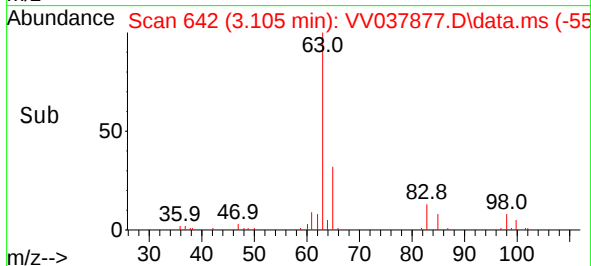


#19
1,1-Dichloroethane
Concen: 0.877 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

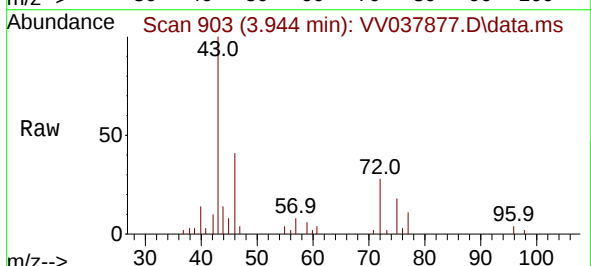
Instrument :
MSVOA_V
ClientSampleId :



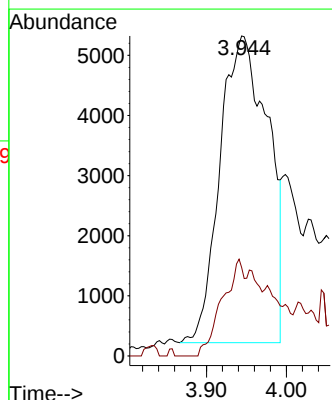
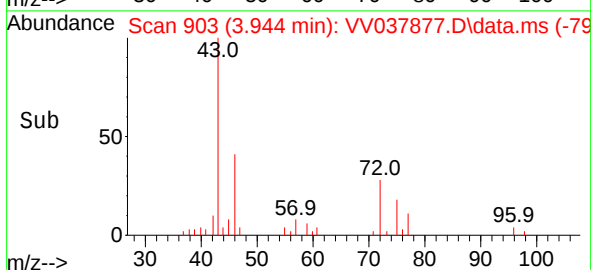
Tgt Ion: 63 Resp: 39685
Ion Ratio Lower Upper
63 100
65 31.6 21.8 40.4
83 12.7 9.9 18.3

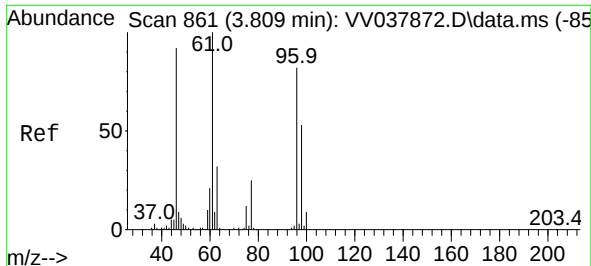


#21
2-Butanone
Concen: 4.043 ug/L
RT: 3.944 min Scan# 903
Delta R.T. 0.052 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28



Tgt Ion: 43 Resp: 21265
Ion Ratio Lower Upper
43 100
72 14.0 13.0 38.9





#22

cis-1,2-Dichloroethene

Concen: 0.912 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.013 min

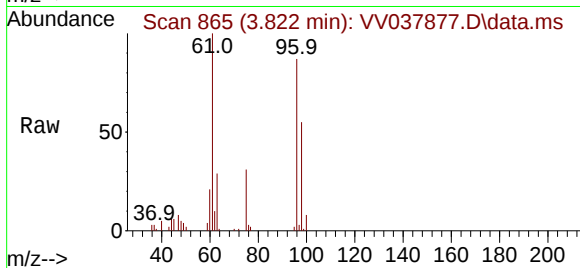
Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :



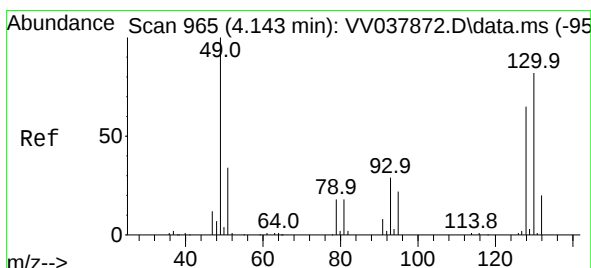
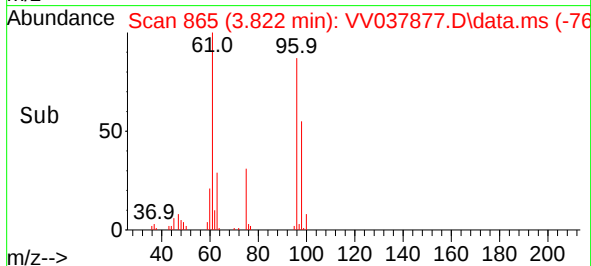
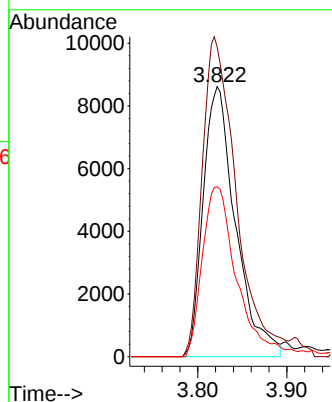
Tgt Ion: 96 Resp: 21728

Ion Ratio Lower Upper

96 100

61 114.6 85.5 158.9

98 62.9 45.5 84.5



#23

Bromochloromethane

Concen: 0.962 ug/L

RT: 4.153 min Scan# 968

Delta R.T. 0.010 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Tgt Ion: 128 Resp: 10398

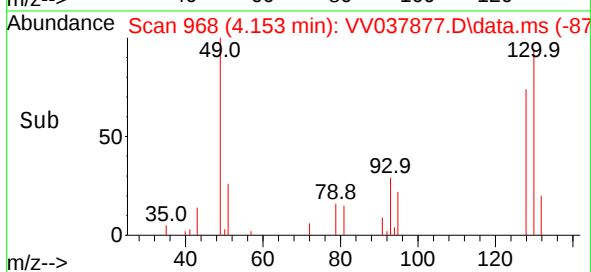
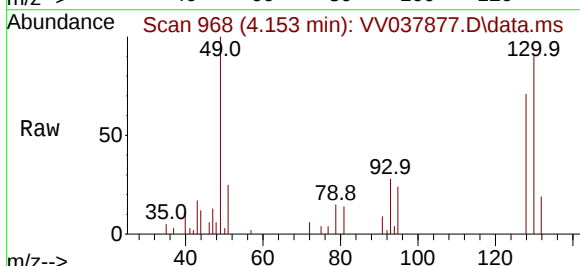
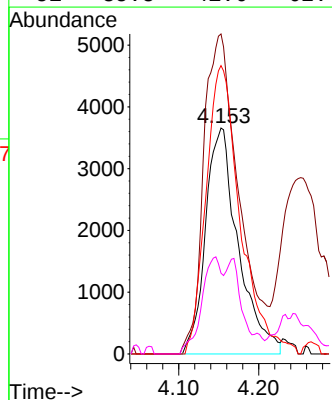
Ion Ratio Lower Upper

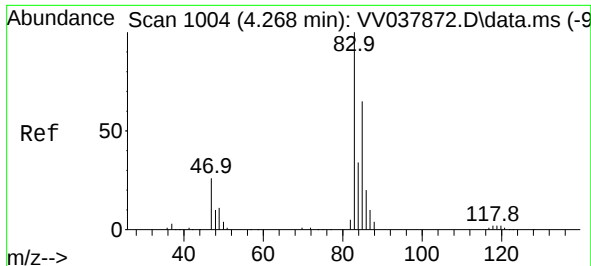
128 100

49 141.6 107.0 198.6

130 127.6 88.0 163.4

51 35.8 41.6 62.4#





#25

Chloroform

Concen: 0.956 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

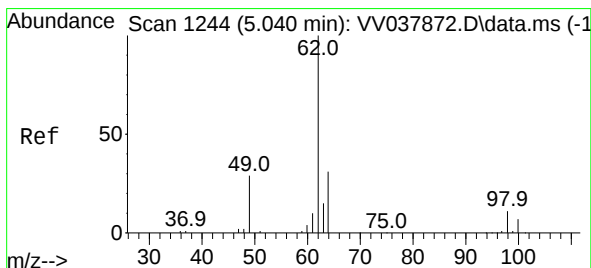
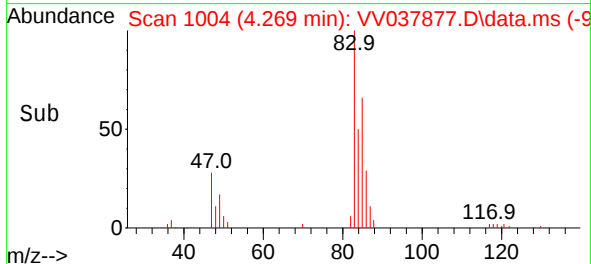
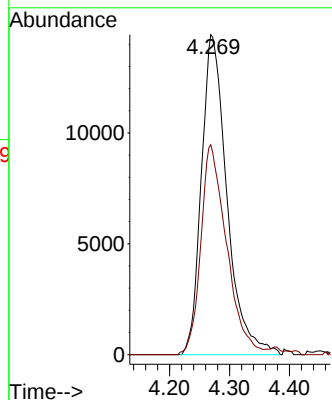
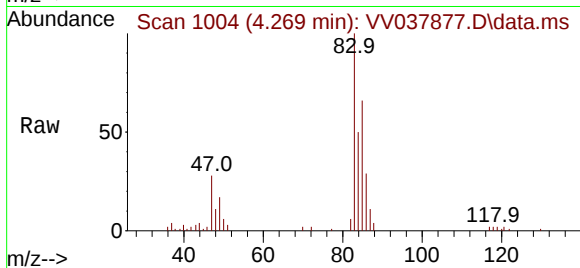
ClientSampleId :

Tgt Ion: 83 Resp: 42725

Ion Ratio Lower Upper

83 100

85 65.6 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.804 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.010 min

Lab File: VV037877.D

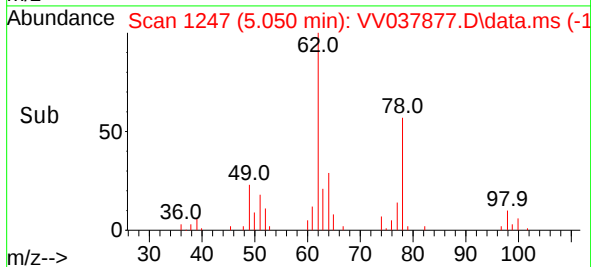
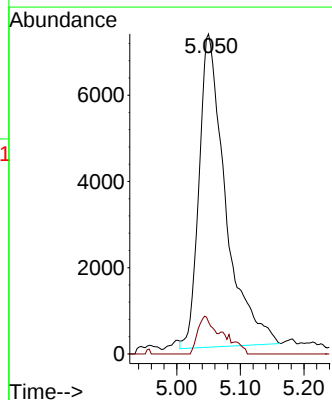
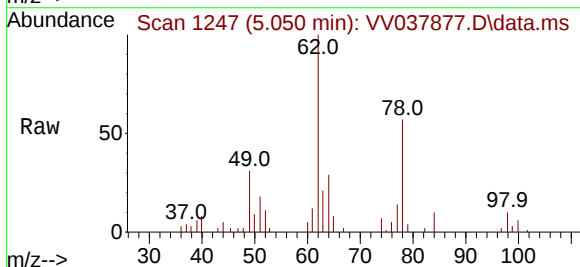
Acq: 16 Oct 2024 15:28

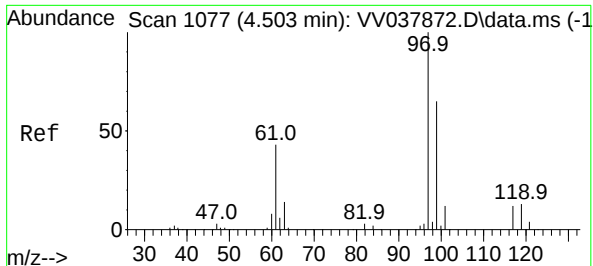
Tgt Ion: 62 Resp: 20965

Ion Ratio Lower Upper

62 100

98 10.0 8.8 13.2

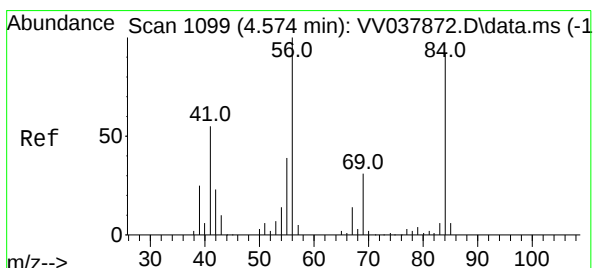
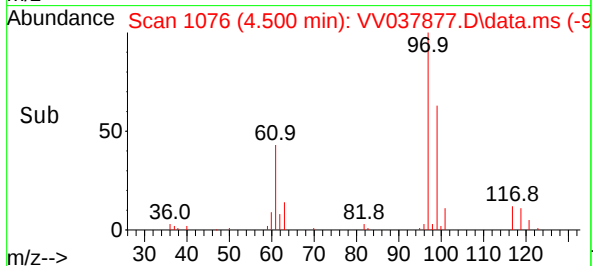
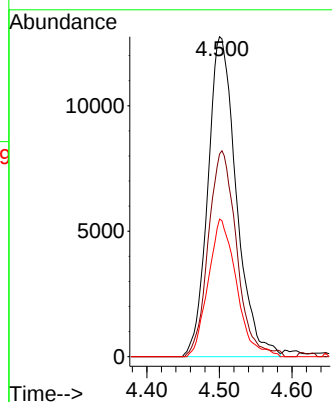
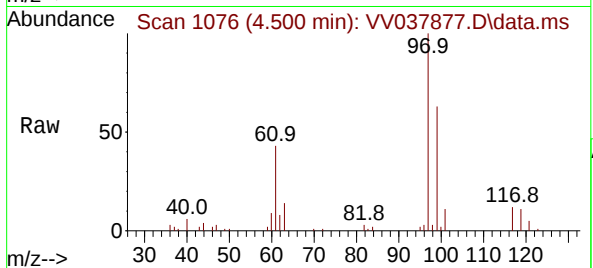




#29
1,1,1-Trichloroethane
Concen: 0.889 ug/L
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

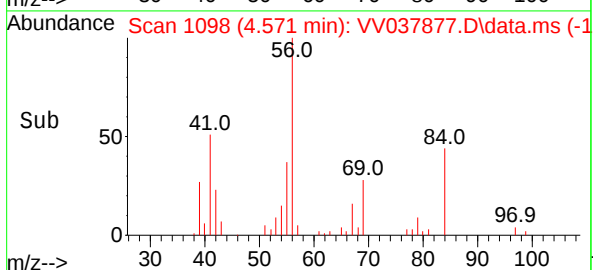
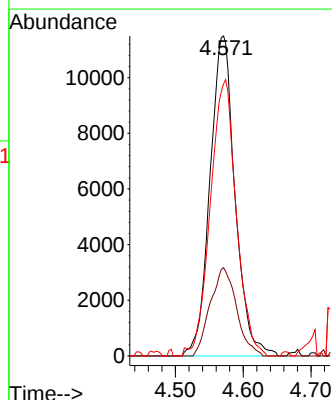
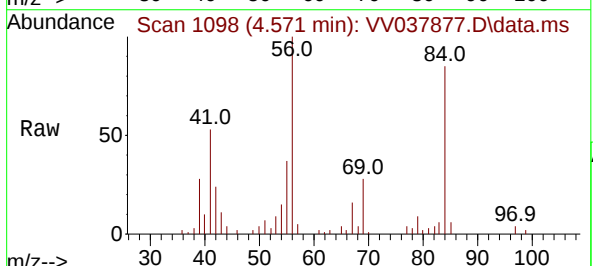
Instrument :
MSVOA_V
ClientSampleId :

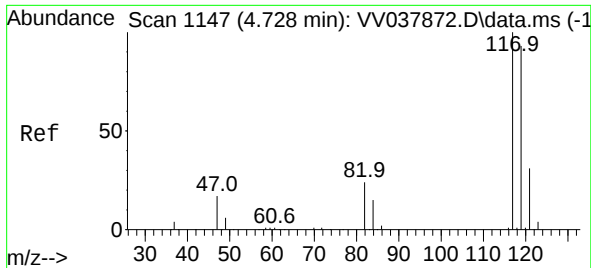
Tgt Ion: 97 Resp: 34773
Ion Ratio Lower Upper
97 100
99 63.6 51.9 77.9
61 42.7 33.9 50.9



#30
Cyclohexane
Concen: 0.811 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

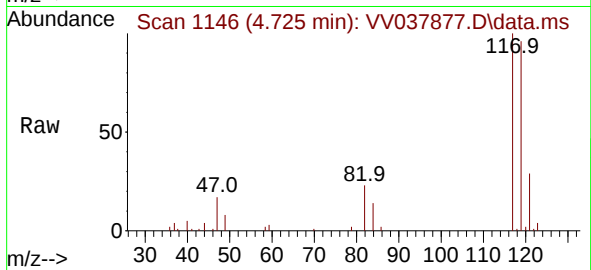
Tgt Ion: 56 Resp: 29522
Ion Ratio Lower Upper
56 100
69 28.9 25.3 37.9
84 88.4 73.9 110.9



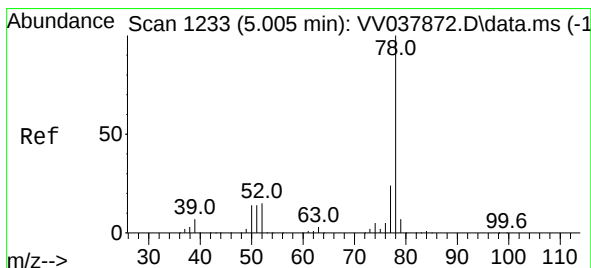
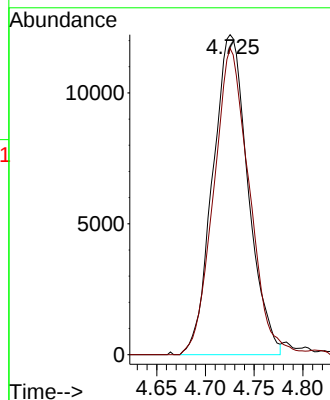
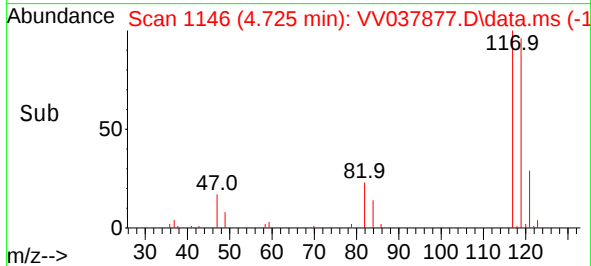


#31
Carbon tetrachloride
Concen: 0.915 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

Instrument :
MSVOA_V
ClientSampleId :

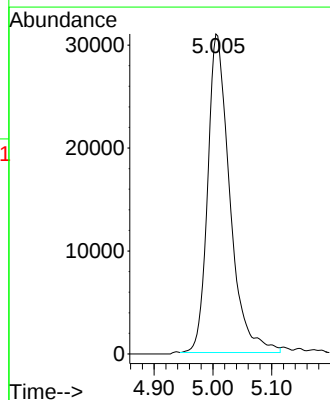
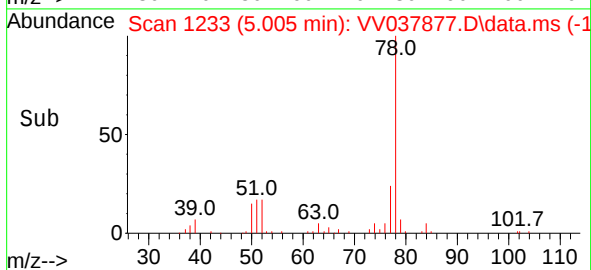
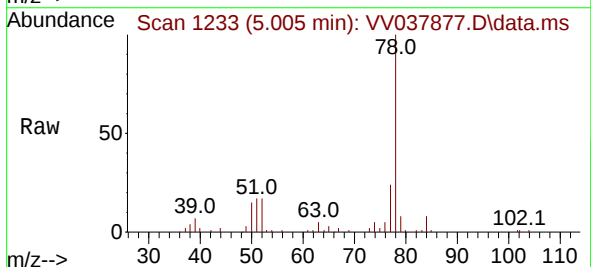


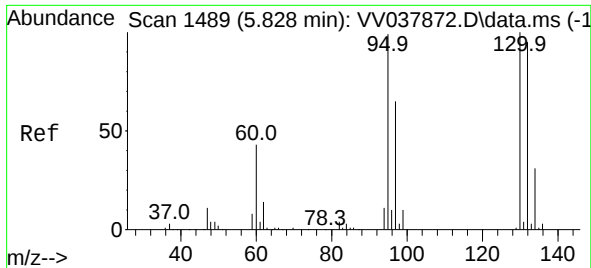
Tgt Ion:117 Resp: 30818
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0



#33
Benzene
Concen: 0.828 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

Tgt Ion: 78 Resp: 80726

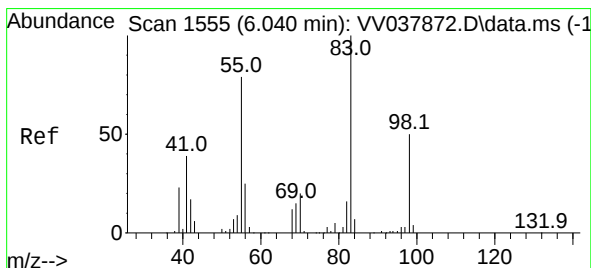
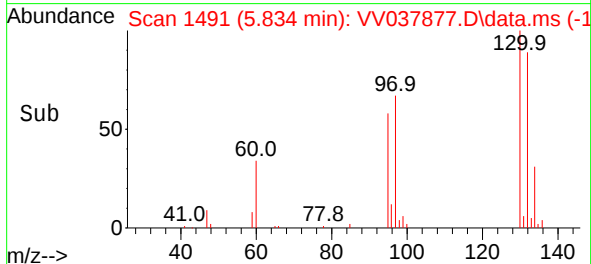
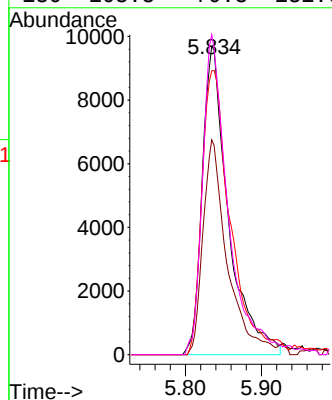
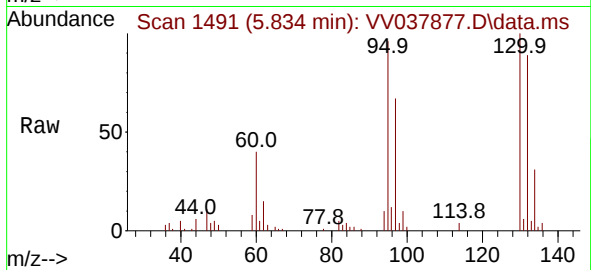




#34
Trichloroethene
Concen: 0.901 ug/L
RT: 5.834 min Scan# 1489
Delta R.T. 0.007 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

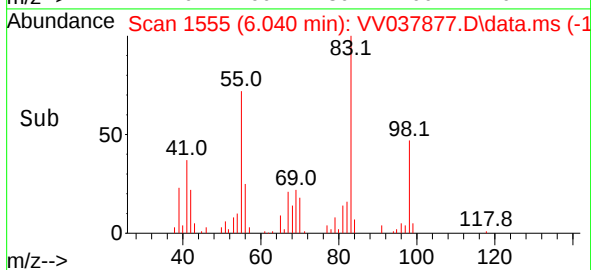
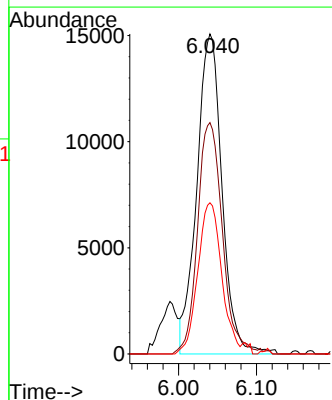
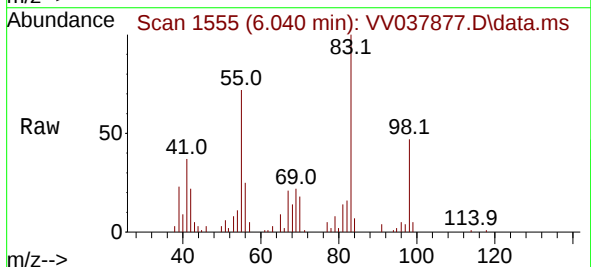
Instrument :
MSVOA_V
ClientSampleId :

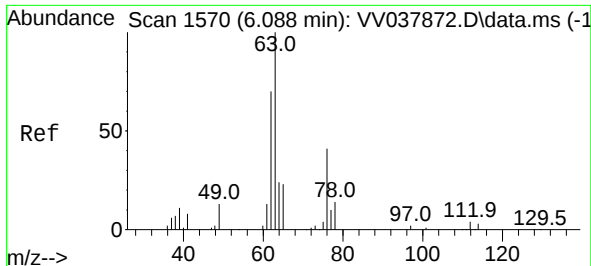
Tgt Ion: 95 Resp: 23142
Ion Ratio Lower Upper
95 100
97 69.7 46.1 85.5
132 92.0 67.3 124.9
130 103.8 70.8 131.6



#35
Methylcyclohexane
Concen: 0.892 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

Tgt Ion: 83 Resp: 33947
Ion Ratio Lower Upper
83 100
55 71.4 59.7 89.5
98 44.6 37.8 56.6

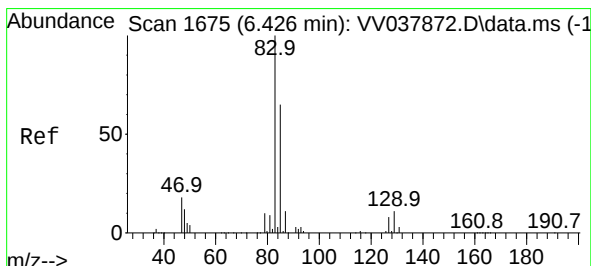
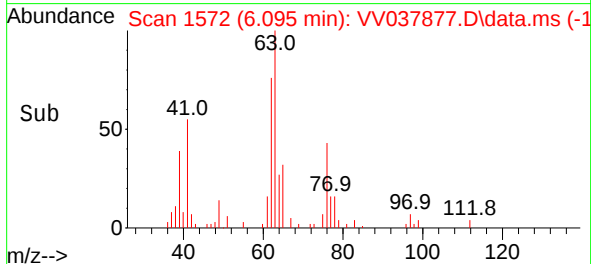
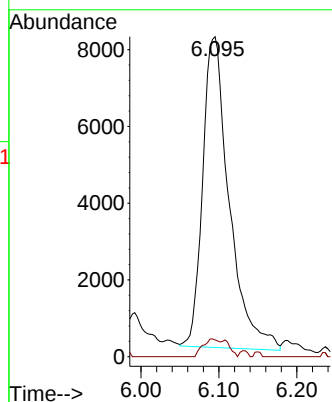
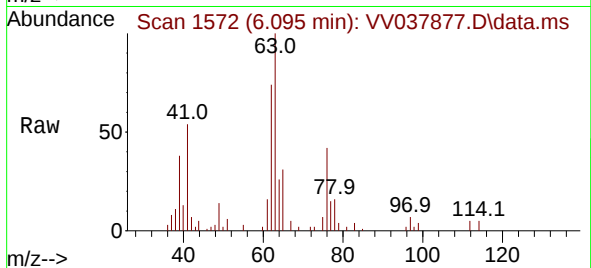




#37
1,2-Dichloropropane
Concen: 0.756 ug/L
RT: 6.095 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

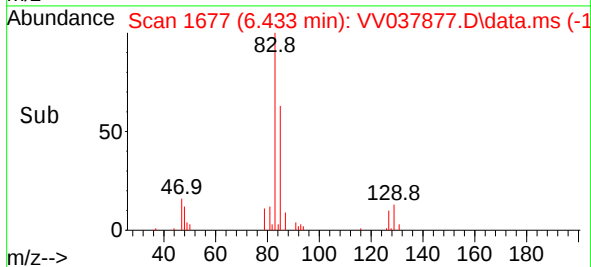
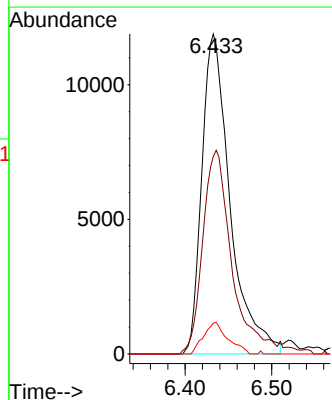
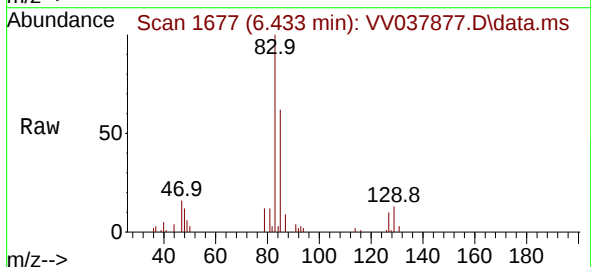
Instrument :
MSVOA_V
ClientSampleId :

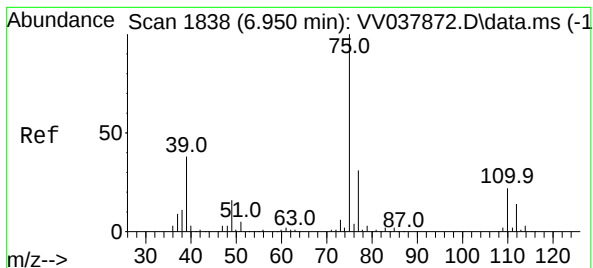
Tgt Ion: 63 Resp: 19137
Ion Ratio Lower Upper
63 100
112 3.5 3.9 5.9#



#38
Bromodichloromethane
Concen: 0.862 ug/L
RT: 6.433 min Scan# 1677
Delta R.T. 0.007 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

Tgt Ion: 83 Resp: 26967
Ion Ratio Lower Upper
83 100
85 61.7 45.3 84.1
127 9.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.722 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. 0.013 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

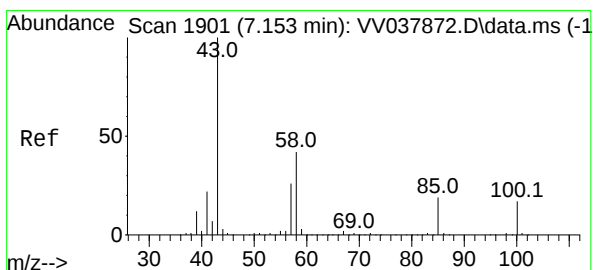
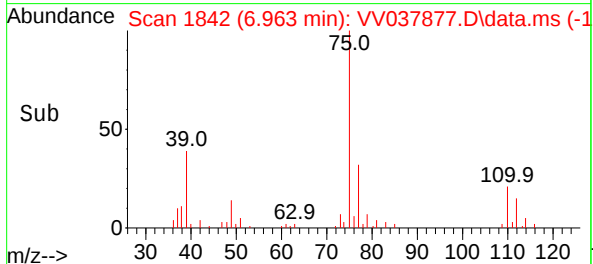
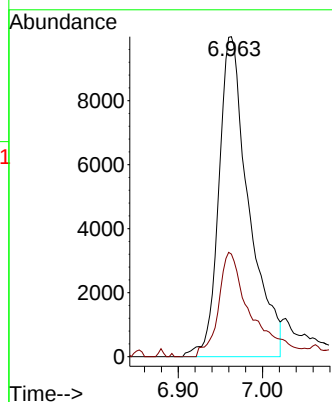
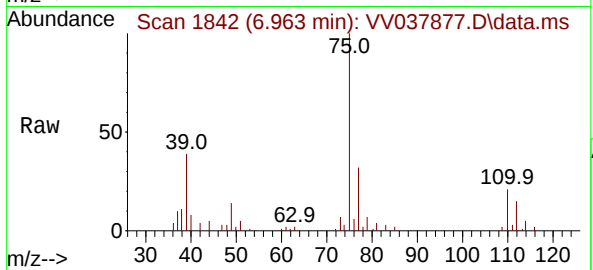
ClientSampleId :

Tgt Ion: 75 Resp: 24632

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 6.872 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.007 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

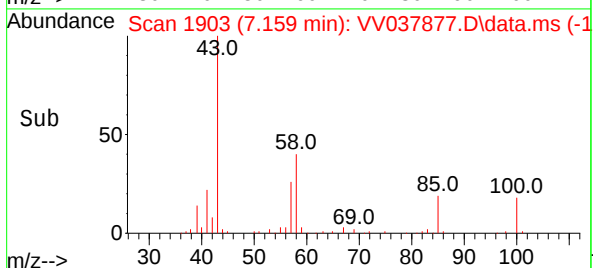
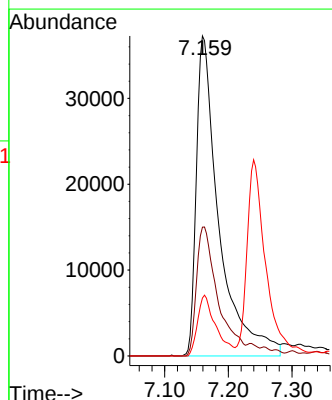
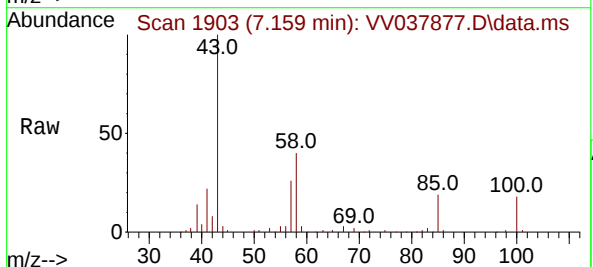
Tgt Ion: 43 Resp: 92004

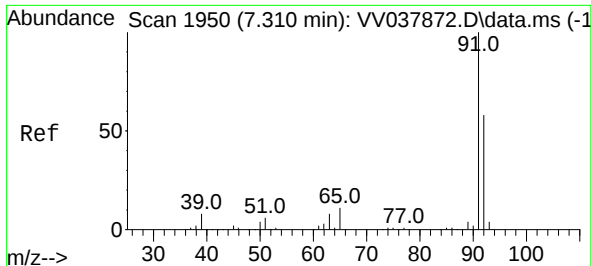
Ion Ratio Lower Upper

43 100

58 37.9 34.3 51.5

100 15.5 13.3 19.9





#42

Toluene

Concen: 0.837 ug/L

RT: 7.314 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

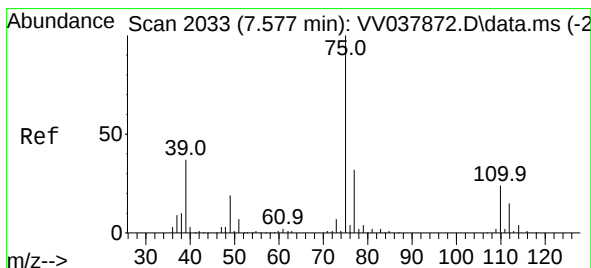
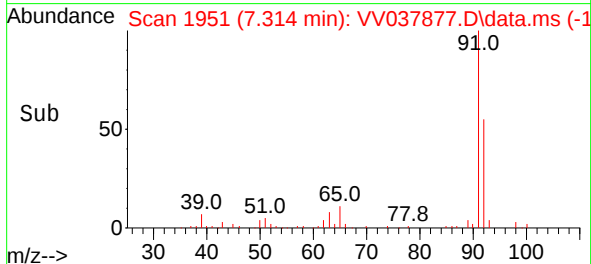
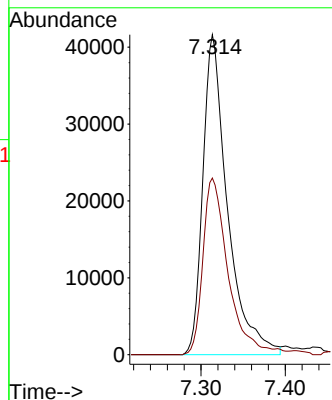
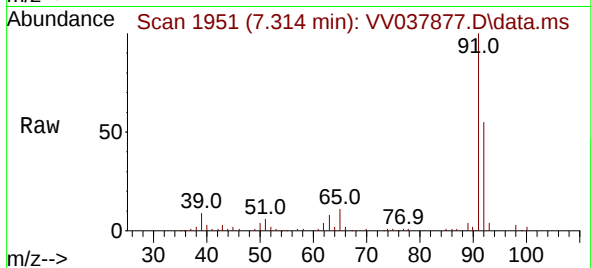
ClientSampleId :

Tgt Ion: 91 Resp: 84601

Ion Ratio Lower Upper

91 100

92 55.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.016 min

Lab File: VV037877.D

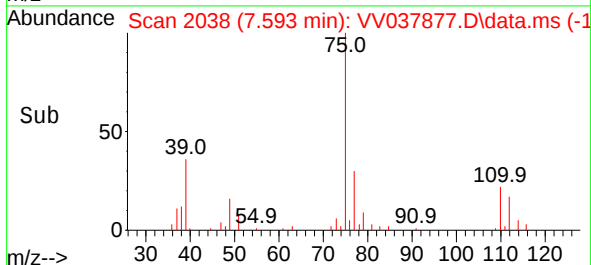
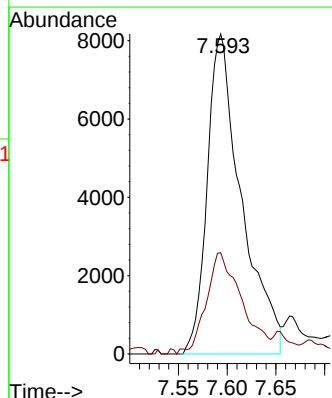
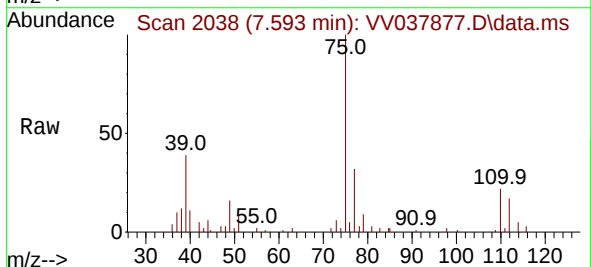
Acq: 16 Oct 2024 15:28

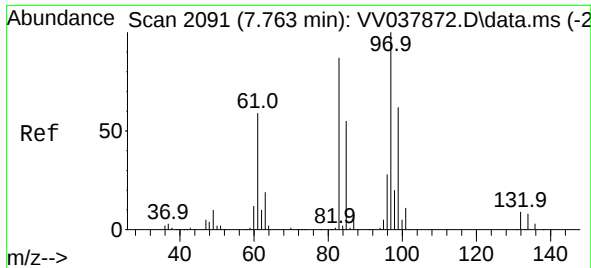
Tgt Ion: 75 Resp: 19938

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6

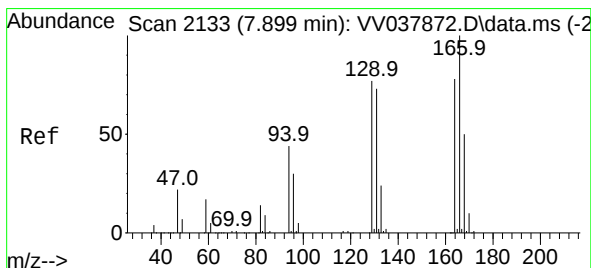
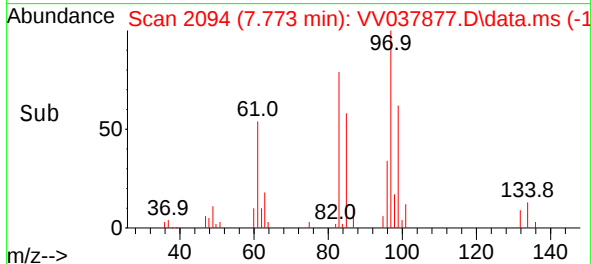
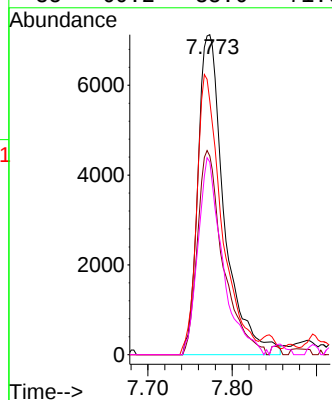
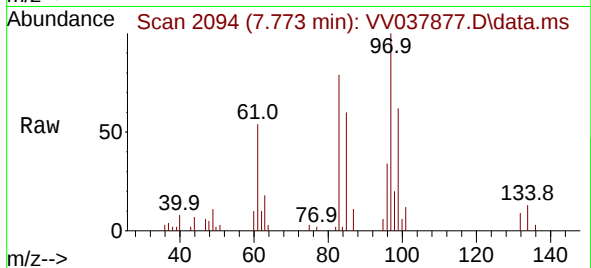




#45
1,1,2-Trichloroethane
Concen: 0.863 ug/L
RT: 7.773 min Scan# 2091
Delta R.T. 0.010 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

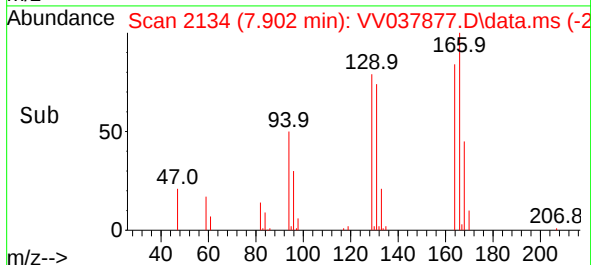
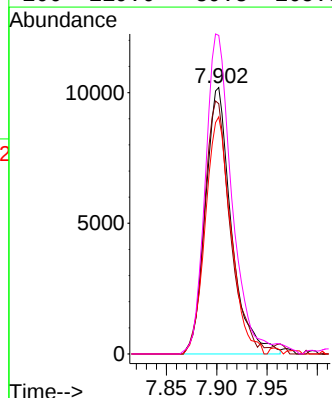
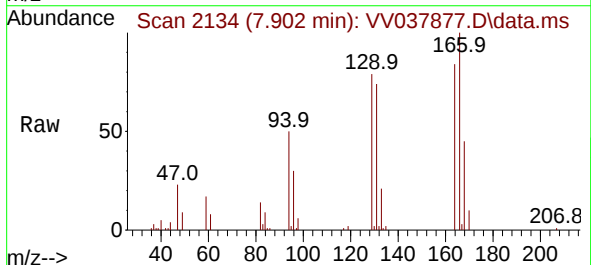
Instrument :
MSVOA_V
ClientSampleId :

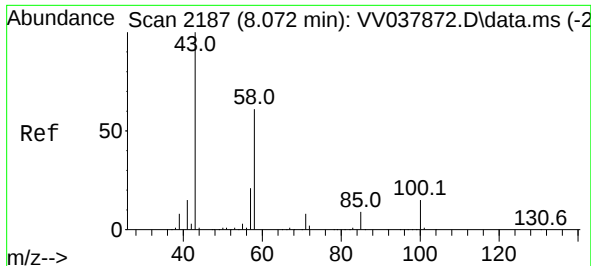
Tgt Ion:	97	Resp:	15479
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.5	80.7
83	79.2	61.0	113.2
85	60.2	38.6	71.6



#47
Tetrachloroethene
Concen: 0.901 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

Tgt Ion:	164	Resp:	18307
Ion	Ratio	Lower	Upper
164	100		
129	93.9	68.7	127.7
131	89.0	65.0	120.8
166	119.6	89.3	165.9





#48

2-Hexanone

Concen: 6.500 ug/L

RT: 8.085 min Scan# 2187

Delta R.T. 0.013 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 64135

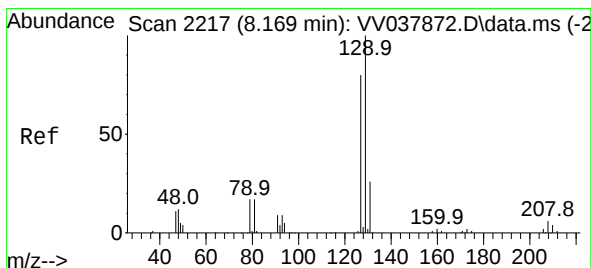
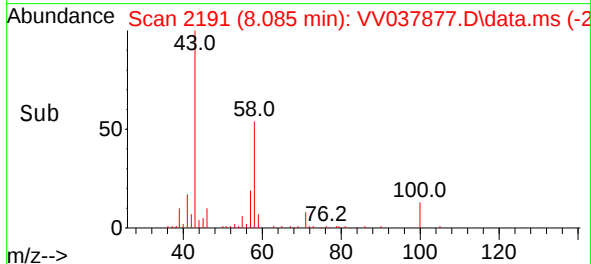
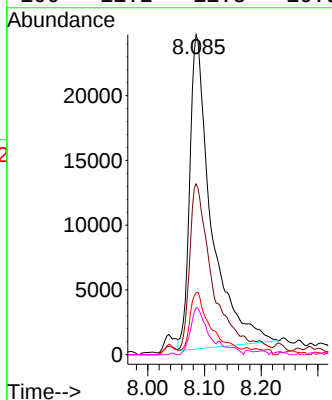
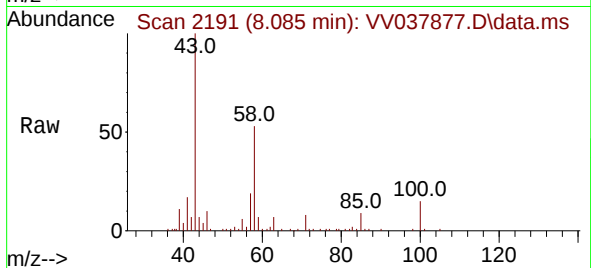
Ion Ratio Lower Upper

43 100

58 54.7 47.8 71.6

57 17.3 15.4 23.0

100 11.2 11.3 16.9#



#49

Dibromochloromethane

Concen: 0.878 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV037877.D

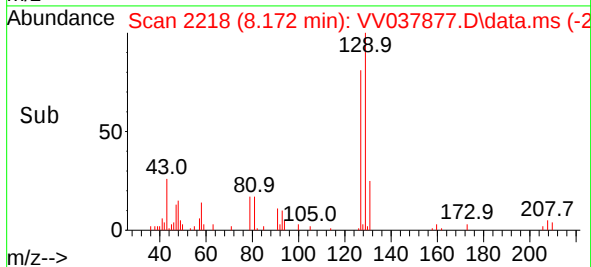
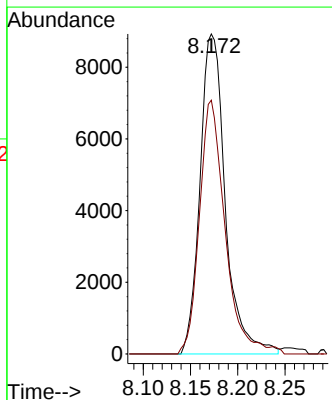
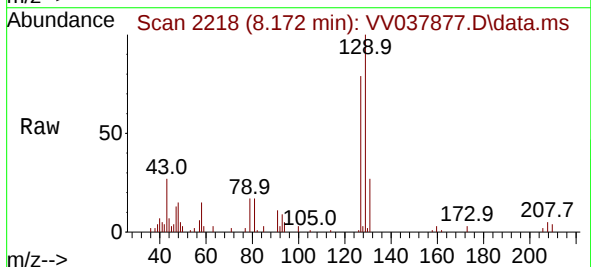
Acq: 16 Oct 2024 15:28

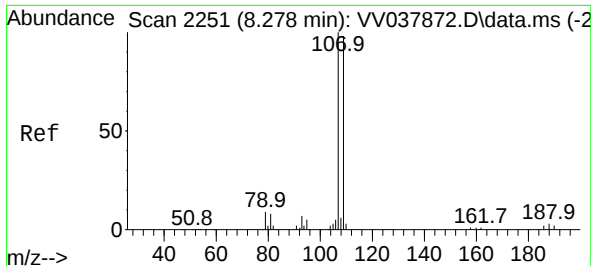
Tgt Ion:129 Resp: 16636

Ion Ratio Lower Upper

129 100

127 79.3 55.8 103.6

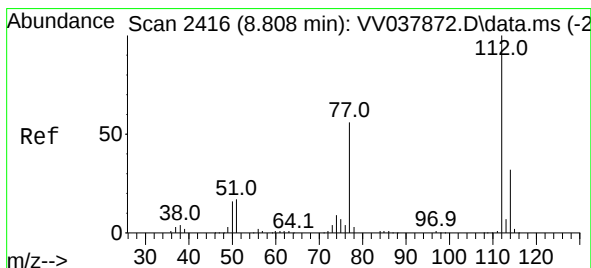
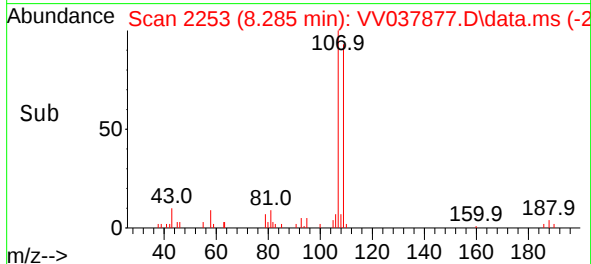
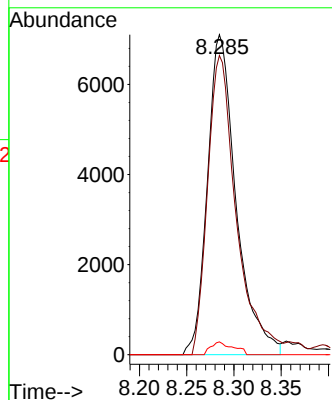
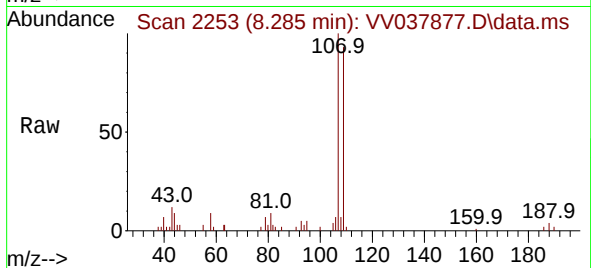




#50
1,2-Dibromoethane
Concen: 0.885 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

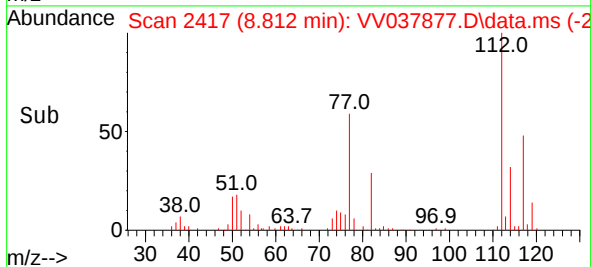
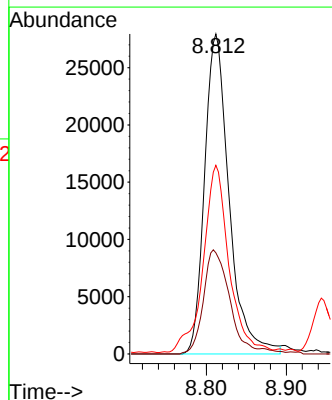
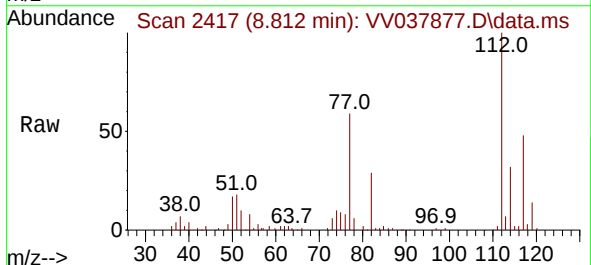
Instrument :
MSVOA_V
ClientSampleId :

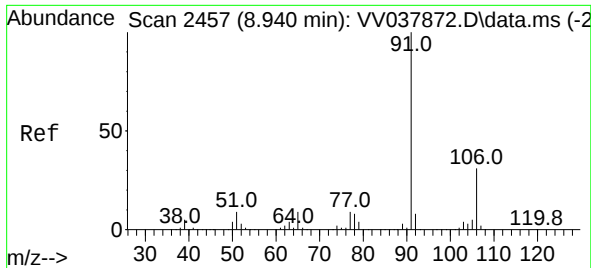
Tgt Ion:107 Resp: 15019
Ion Ratio Lower Upper
107 100
109 93.5 68.3 126.9
188 4.0 2.7 4.1



#51
Chlorobenzene
Concen: 0.896 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

Tgt Ion:112 Resp: 59626
Ion Ratio Lower Upper
112 100
114 31.6 22.0 41.0
77 58.9 45.3 67.9





#52

Ethylbenzene

Concen: 0.810 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

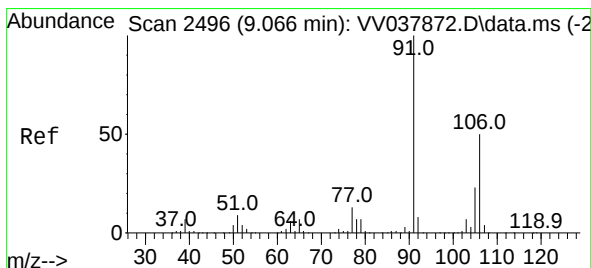
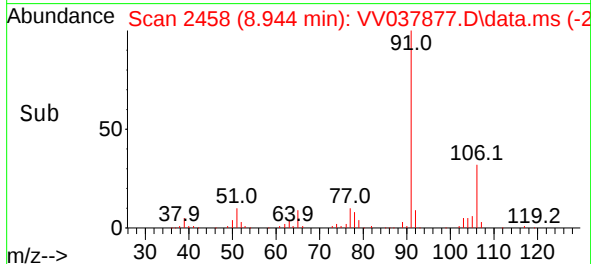
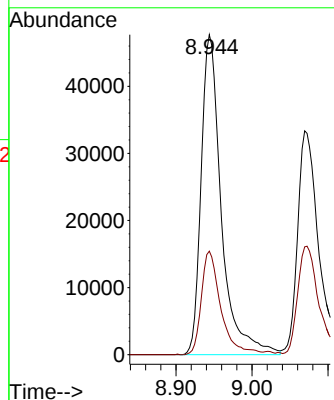
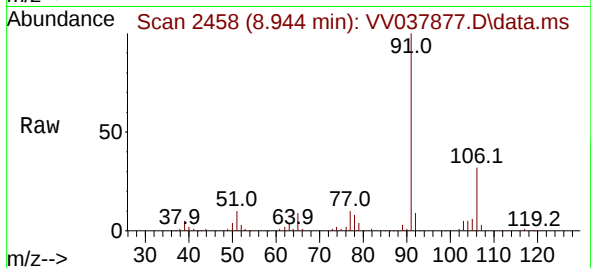
ClientSampleId :

Tgt Ion: 91 Resp: 88204

Ion Ratio Lower Upper

91 100

106 32.4 21.6 40.0



#53

m,p-Xylene

Concen: 0.781 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.007 min

Lab File: VV037877.D

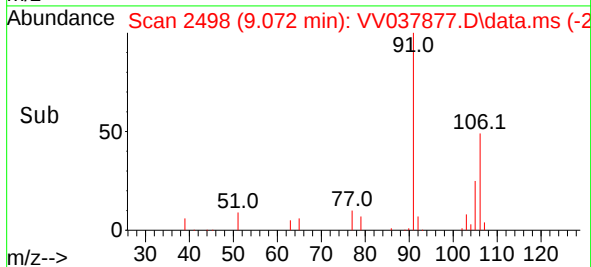
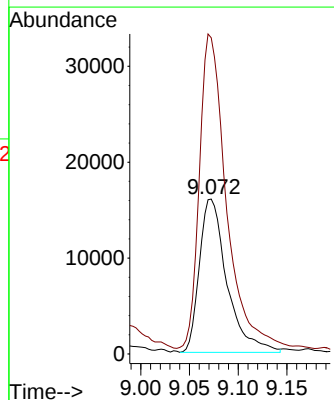
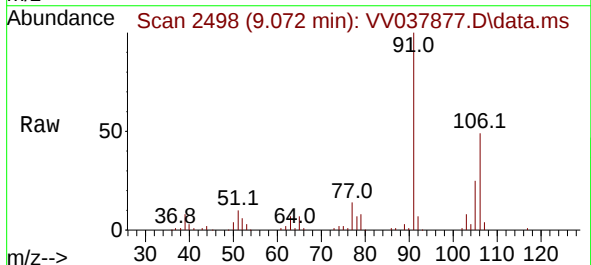
Acq: 16 Oct 2024 15:28

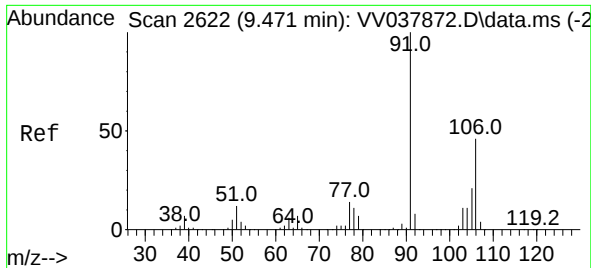
Tgt Ion:106 Resp: 31534

Ion Ratio Lower Upper

106 100

91 204.1 140.0 260.0

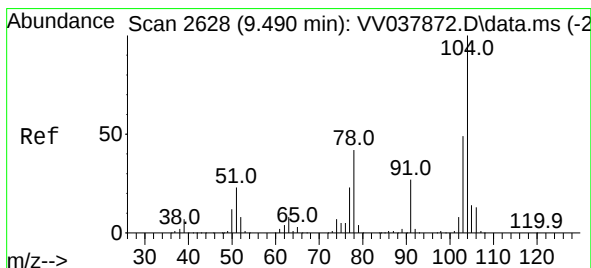
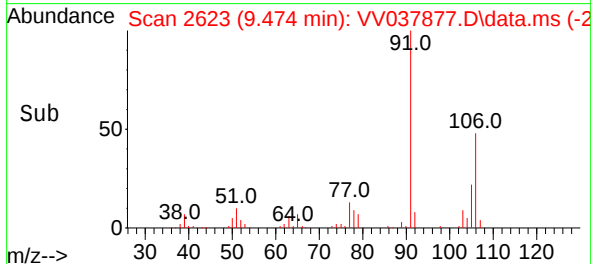
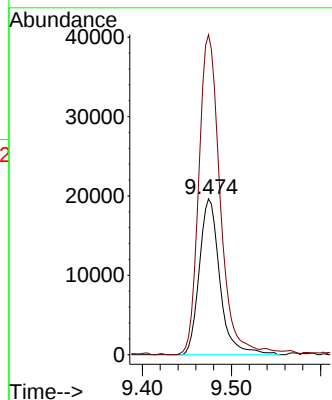
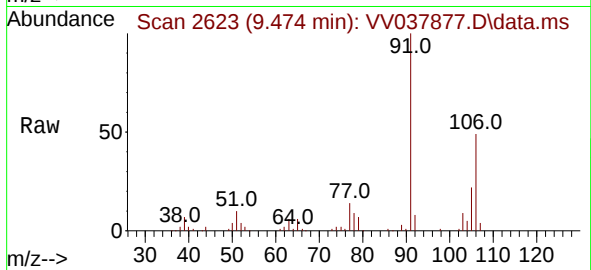




#54
o-Xylene
Concen: 0.807 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

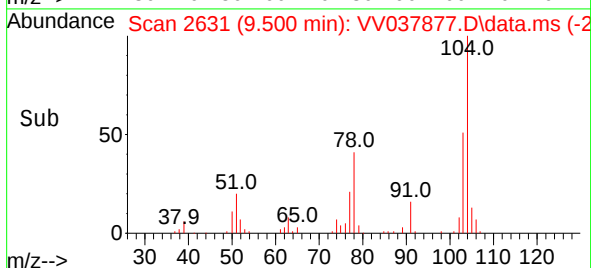
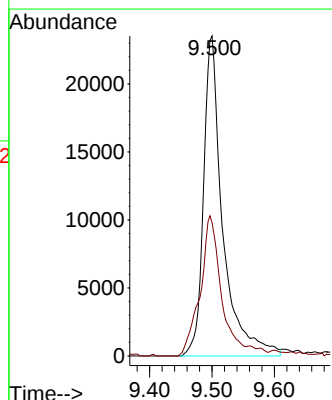
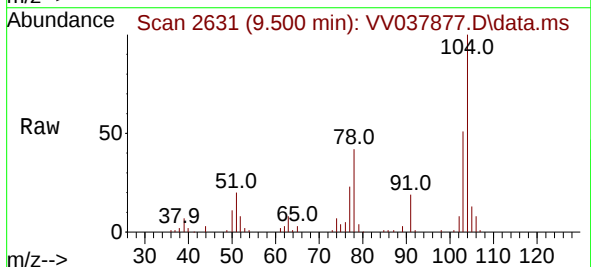
Instrument :
MSVOA_V
ClientSampleId :

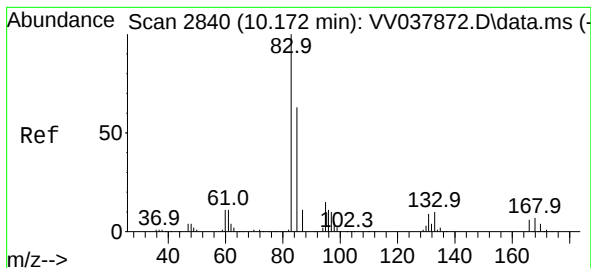
Tgt Ion:106 Resp: 31412
Ion Ratio Lower Upper
106 100
91 205.4 152.1 282.5



#55
Styrene
Concen: 0.765 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.010 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

Tgt Ion:104 Resp: 50307
Ion Ratio Lower Upper
104 100
78 41.7 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.808 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037877.D

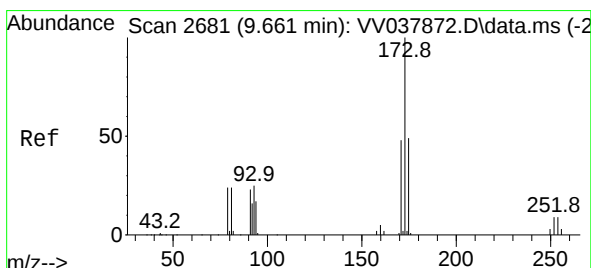
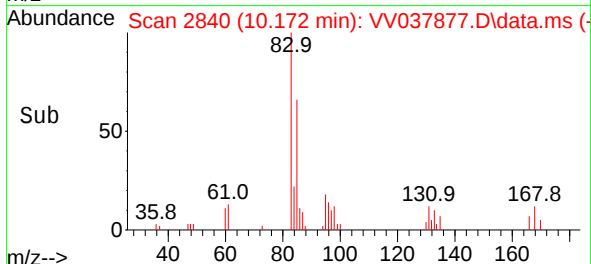
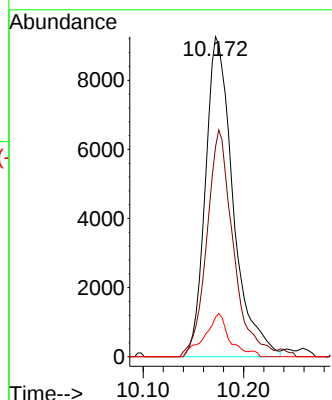
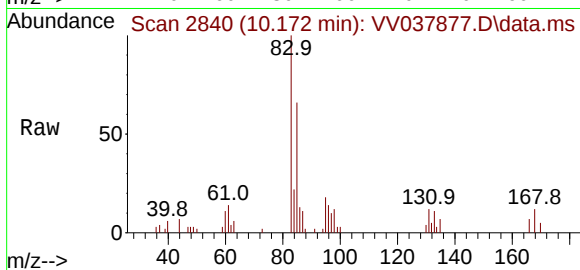
Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	17705
Ion Ratio	Lower	Upper	
83	100		
85	65.7	44.3	82.3
131	12.3	7.8	11.8#



#59

Bromoform

Concen: 0.972 ug/L

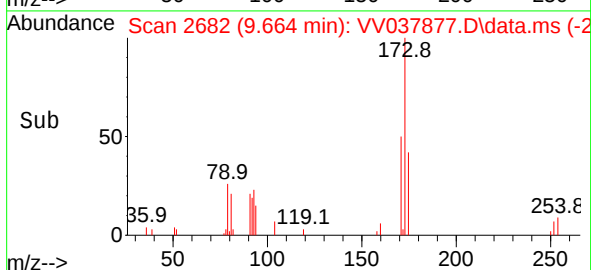
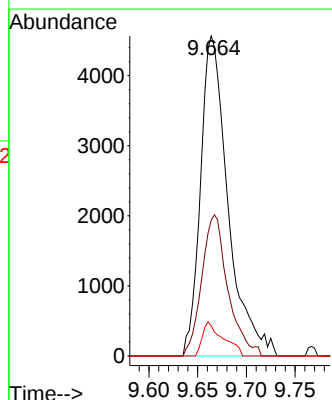
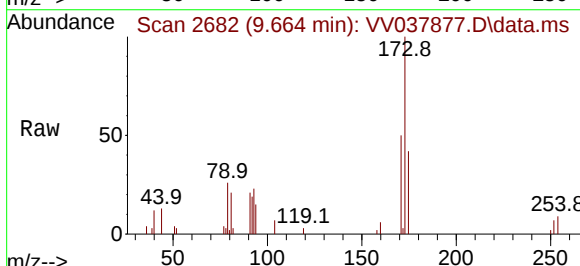
RT: 9.664 min Scan# 2682

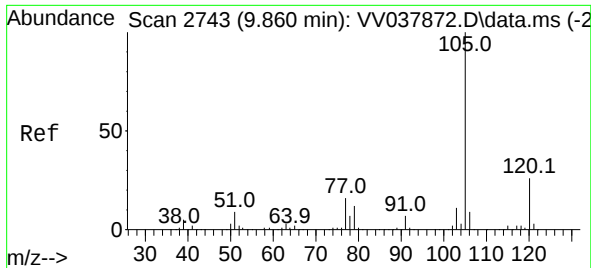
Delta R.T. 0.003 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Tgt Ion:	173	Resp:	8985
Ion Ratio	Lower	Upper	
173	100		
175	41.7	40.3	60.5
254	7.9	7.3	10.9

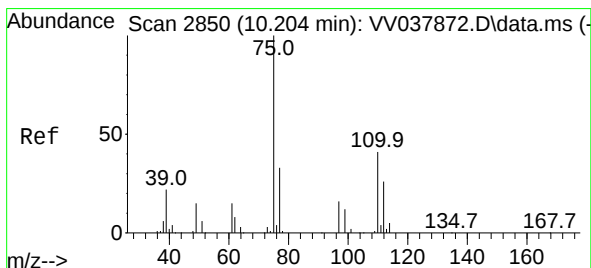
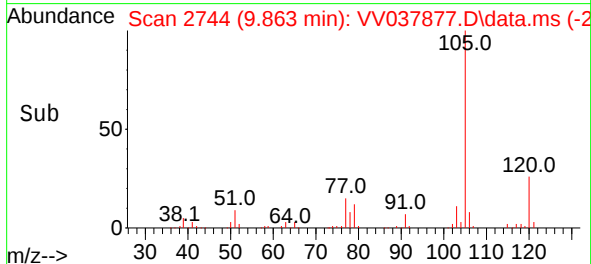
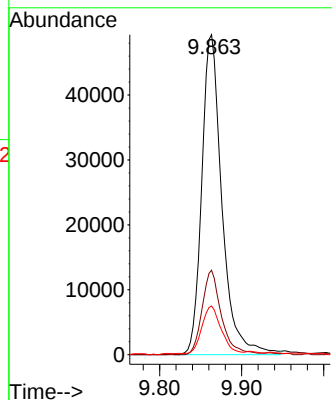
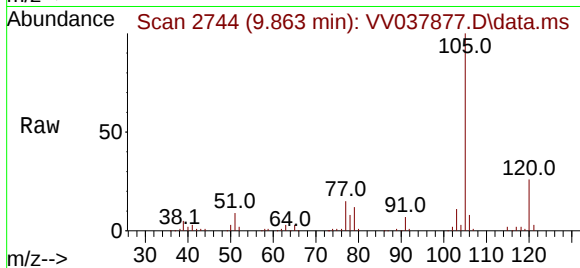




#60
Isopropylbenzene
Concen: 0.866 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

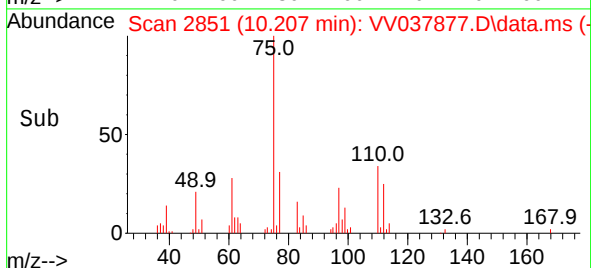
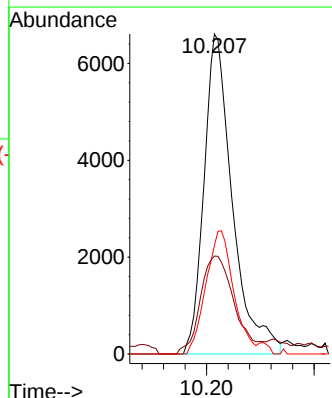
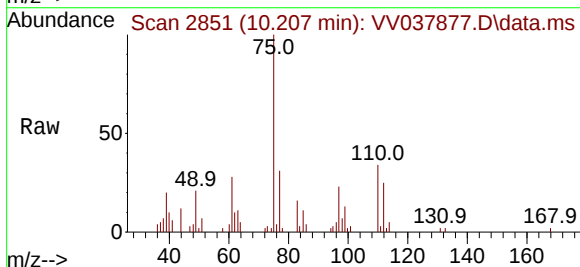
Instrument :
MSVOA_V
ClientSampleId :

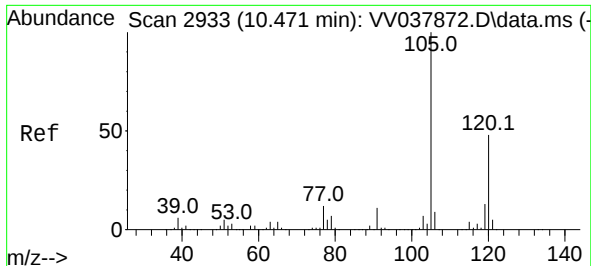
Tgt Ion:105 Resp: 84257
Ion Ratio Lower Upper
105 100
120 25.1 21.2 31.8
77 14.1 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 0.810 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV037877.D
Acq: 16 Oct 2024 15:28

Tgt Ion: 75 Resp: 12127
Ion Ratio Lower Upper
75 100
77 36.7 25.4 38.2
110 37.5 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 0.803 ug/L

RT: 10.471 min Scan# 20

Delta R.T. 0.000 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

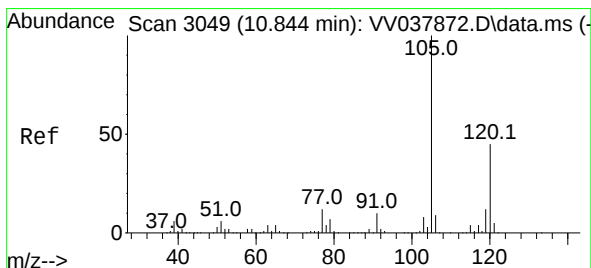
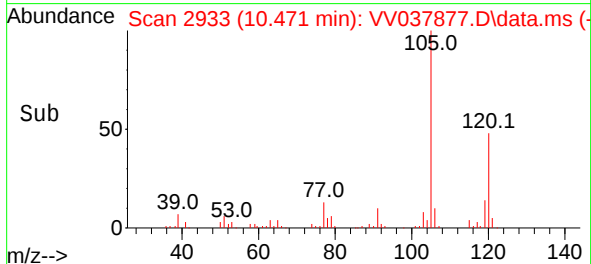
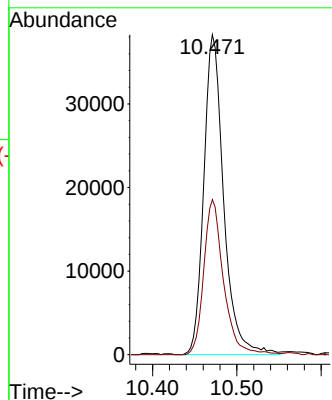
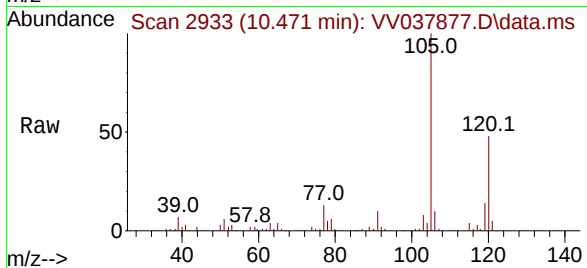
ClientSampleId :

Tgt Ion:105 Resp: 63014

Ion Ratio Lower Upper

105 100

120 48.2 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 0.759 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037877.D

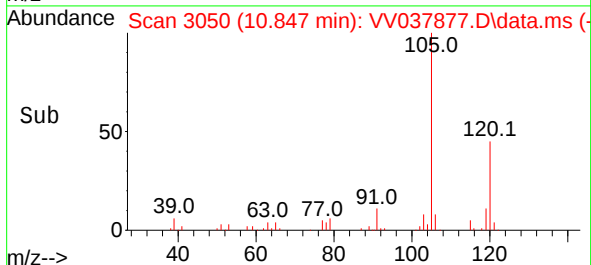
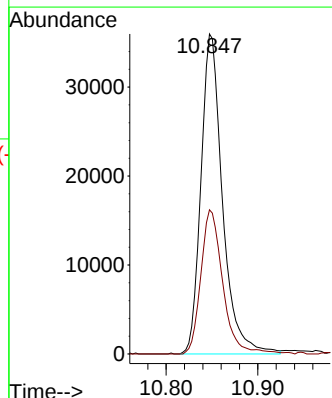
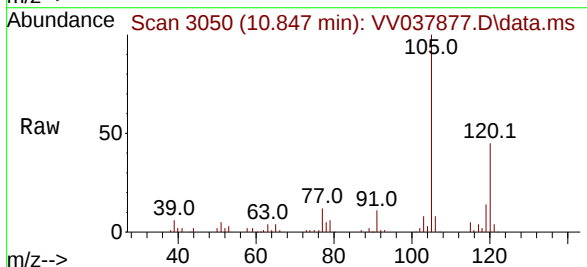
Acq: 16 Oct 2024 15:28

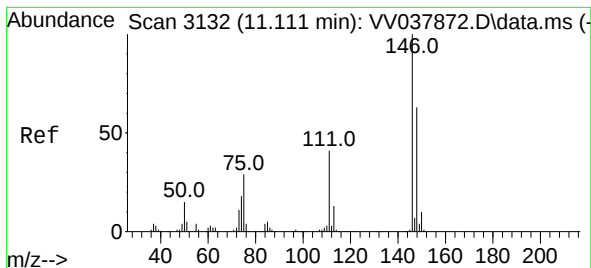
Tgt Ion:105 Resp: 58733

Ion Ratio Lower Upper

105 100

120 45.8 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 0.940 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.007 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

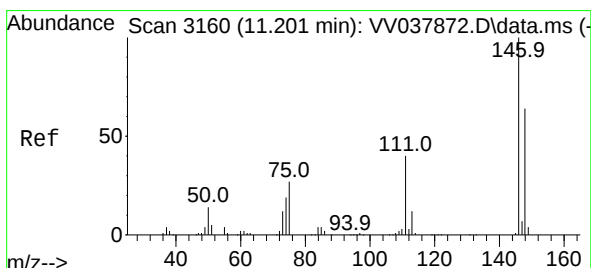
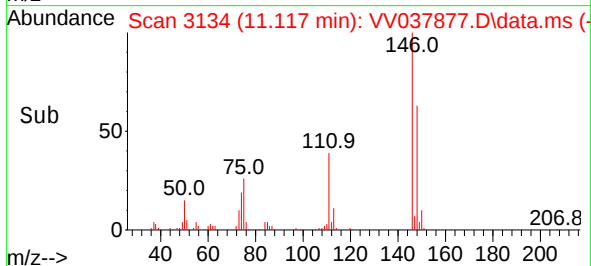
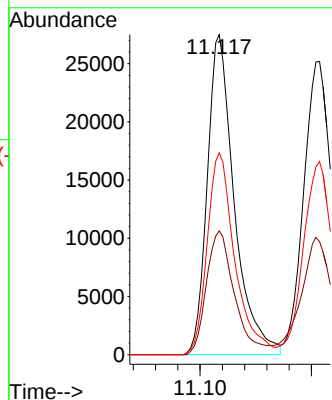
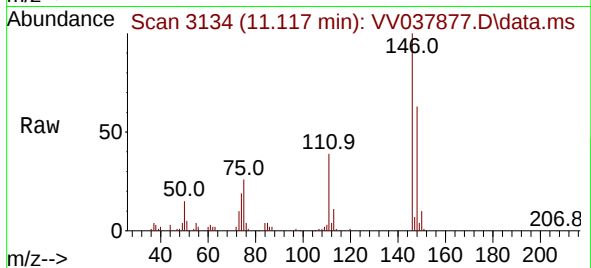
Tgt Ion:146 Resp: 46292

Ion Ratio Lower Upper

146 100

111 38.7 28.6 53.0

148 63.1 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 0.908 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.007 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

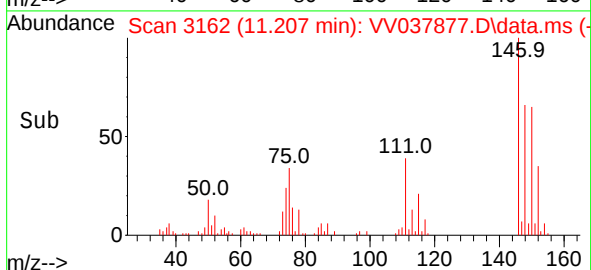
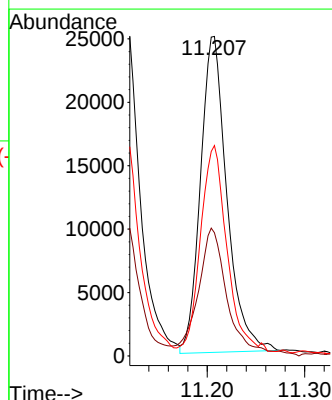
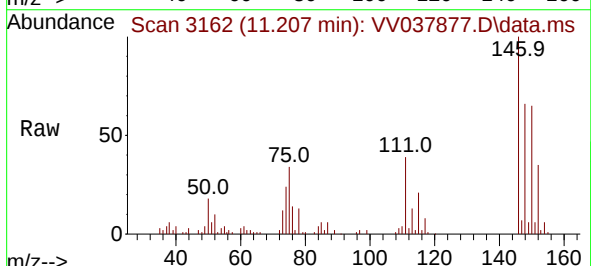
Tgt Ion:146 Resp: 46912

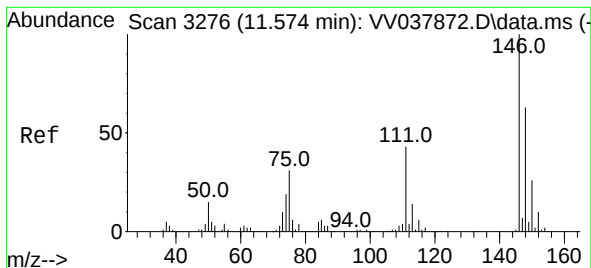
Ion Ratio Lower Upper

146 100

111 38.6 28.1 52.1

148 65.8 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 0.920 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

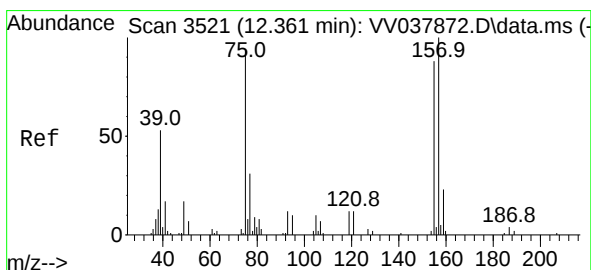
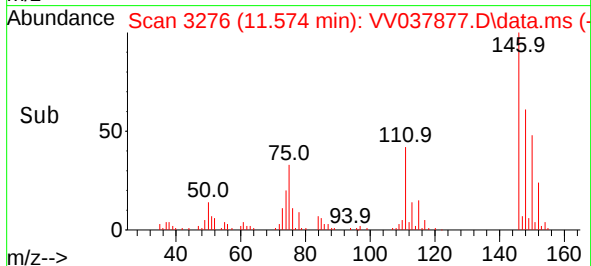
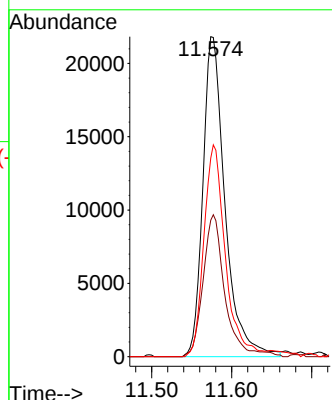
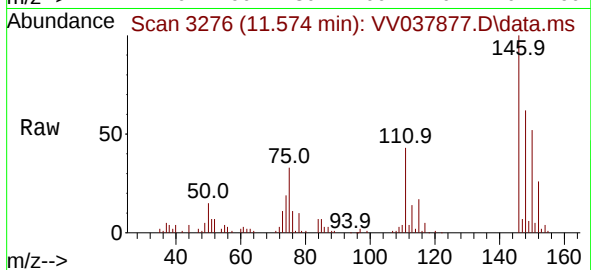
Tgt Ion:146 Resp: 42041

Ion Ratio Lower Upper

146 100

111 42.7 34.6 51.8

148 62.1 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.815 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.007 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

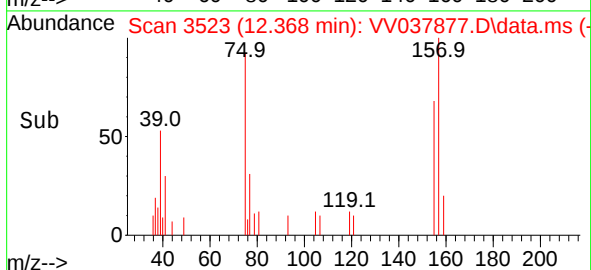
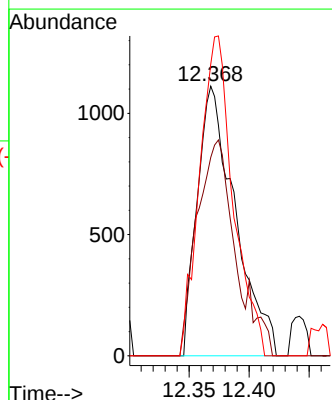
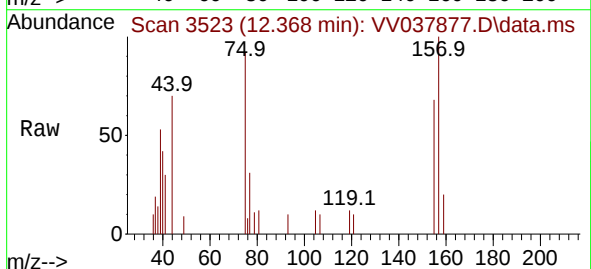
Tgt Ion: 75 Resp: 2449

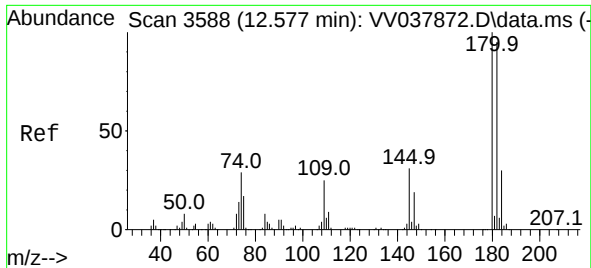
Ion Ratio Lower Upper

75 100

155 73.6 74.8 112.2#

157 108.2 85.2 127.8





#69

1,3,5-Trichlorobenzene

Concen: 0.869 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.003 min

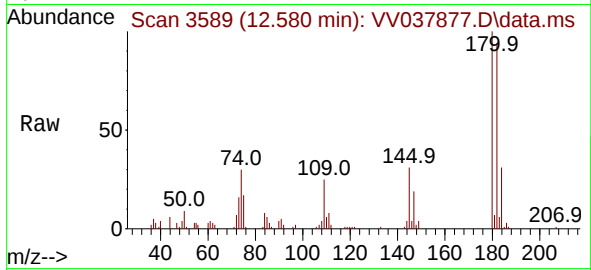
Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 32054

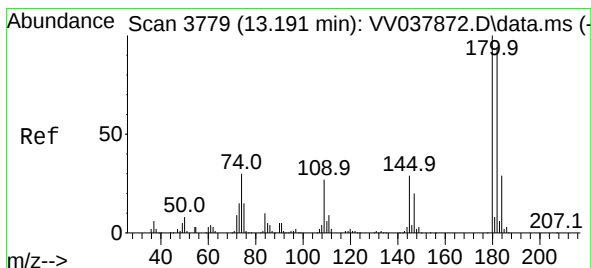
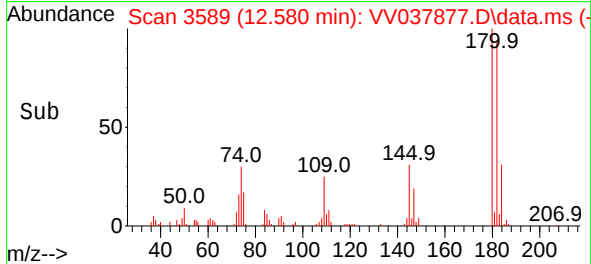
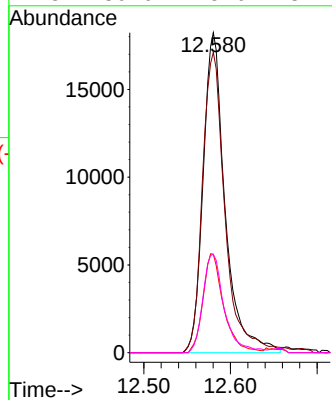
Ion Ratio Lower Upper

180 100

182 96.8 75.1 112.7

184 29.0 24.0 36.0

145 30.0 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 0.791 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.007 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

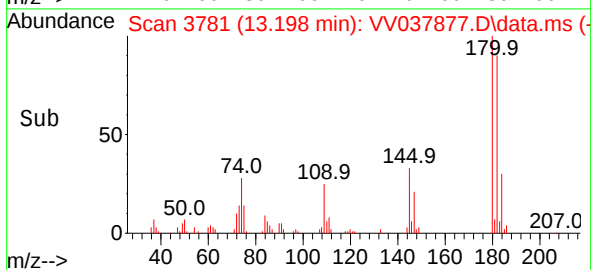
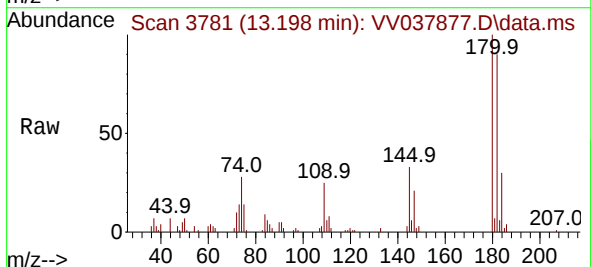
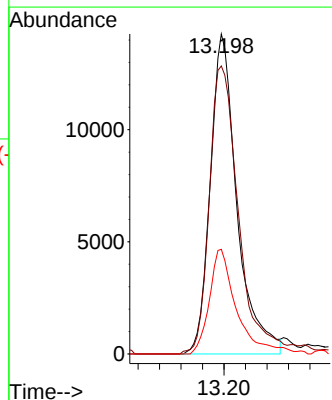
Tgt Ion:180 Resp: 24585

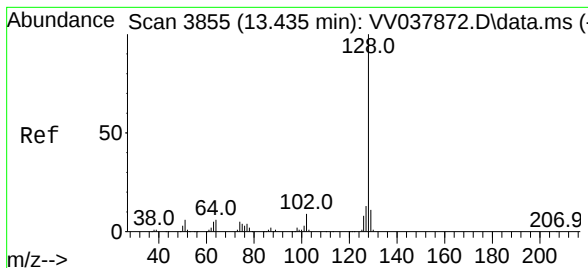
Ion Ratio Lower Upper

180 100

182 100.0 74.6 112.0

145 33.6 24.2 36.2





#71

Naphthalene

Concen: 0.736 ug/L

RT: 13.445 min Scan# 3900

Delta R.T. 0.010 min

Lab File: VV037877.D

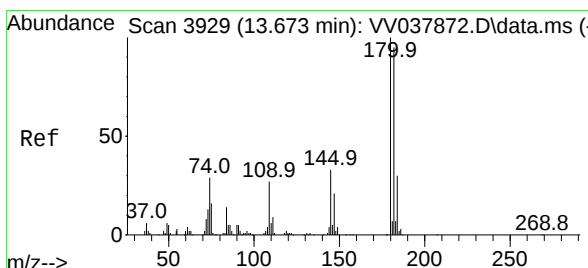
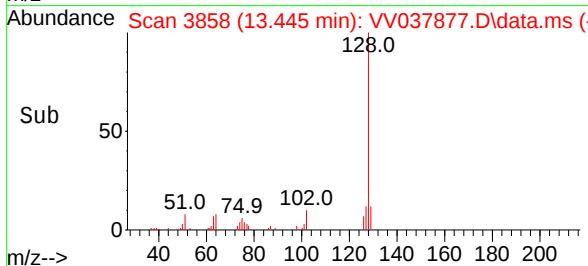
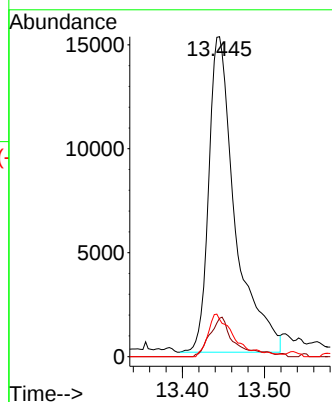
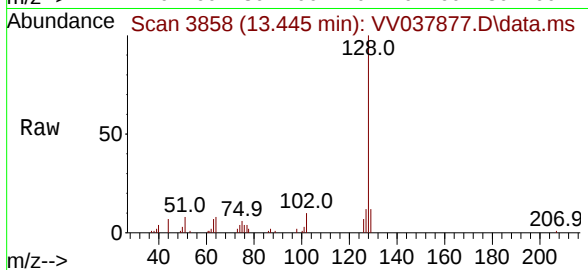
Acq: 16 Oct 2024 15:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	34041
Ion Ratio	Lower	Upper
128	100	
129	11.6	8.4 12.6
127	12.1	9.7 14.5



#72

1,2,3-Trichlorobenzene

Concen: 0.827 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV037877.D

Acq: 16 Oct 2024 15:28

Tgt Ion:180	Resp:	22644
Ion Ratio	Lower	Upper
180	100	
182	89.9	77.0 115.6
145	30.6	27.3 40.9

