

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038169.D
 Acq On : 19 Nov 2024 10:04
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 21:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	278011	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	291907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	159118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	111810	5.247	ug/L	0.00
7) Chloroethane-d5	1.529	69	91409	5.303	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	48815	5.323	ug/L	0.00
20) 2-Butanone-d5	3.799	46	202252	49.763	ug/L	0.00
24) Chloroform-d	4.239	84	219995	5.320	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	98217	5.255	ug/L	0.00
32) Benzene-d6	4.950	84	406777	5.392	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	118006	5.095	ug/L	0.00
41) Toluene-d8	7.236	98	386159	5.532	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	44518	5.274	ug/L	0.00
46) 2-Hexanone-d5	8.021	63	160466	50.112	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	99352	5.041	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	134824	4.973	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	127957	4.865	ug/L	100
3) Chloromethane	1.214	50	115549	5.102	ug/L	100
5) Vinyl chloride	1.278	62	128270	4.998	ug/L	100
6) Bromomethane	1.484	94	43878	4.385	ug/L	100
8) Chloroethane	1.545	64	82967	4.620	ug/L	100
9) Trichlorofluoromethane	1.709	101	181254	4.963	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	104279	5.003	ug/L	100
12) 1,1-Dichloroethene	2.063	96	97698	4.920	ug/L	100
13) Acetone	2.133	43	151142	47.940	ug/L	100
14) Carbon disulfide	2.233	76	314121	4.911	ug/L	100
15) Methyl Acetate	2.381	43	35125	4.527	ug/L	100
16) Methylene chloride	2.442	84	113644	5.019	ug/L	100
17) Methyl tert-butyl Ether	2.699	73	215316	4.796	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	106225	5.078	ug/L	100
19) 1,1-Dichloroethane	3.104	63	191615	5.046	ug/L	100
21) 2-Butanone	3.883	43	198141	47.146	ug/L	100
22) cis-1,2-Dichloroethene	3.805	96	107560	4.973	ug/L	100
23) Bromochloromethane	4.143	128	53103	5.028	ug/L	100
25) Chloroform	4.268	83	209235	5.151	ug/L	100
27) 1,2-Dichloroethane	5.034	62	115488	5.225	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	174865	4.995	ug/L	100
30) Cyclohexane	4.571	56	135741	4.675	ug/L	100
31) Carbon tetrachloride	4.725	117	153722	4.977	ug/L	100
33) Benzene	5.002	78	429937	5.244	ug/L	100
34) Trichloroethene	5.825	95	109490	4.898	ug/L	100
35) Methylcyclohexane	6.040	83	147636	4.669	ug/L	100
37) 1,2-Dichloropropane	6.085	63	107035	5.211	ug/L	100
38) Bromodichloromethane	6.426	83	142628	5.166	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	137710	4.959	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	524185	49.593	ug/L	100
42) Toluene	7.307	91	461700	5.317	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	122041	5.117	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038169.D
 Acq On : 19 Nov 2024 10:04
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 21:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

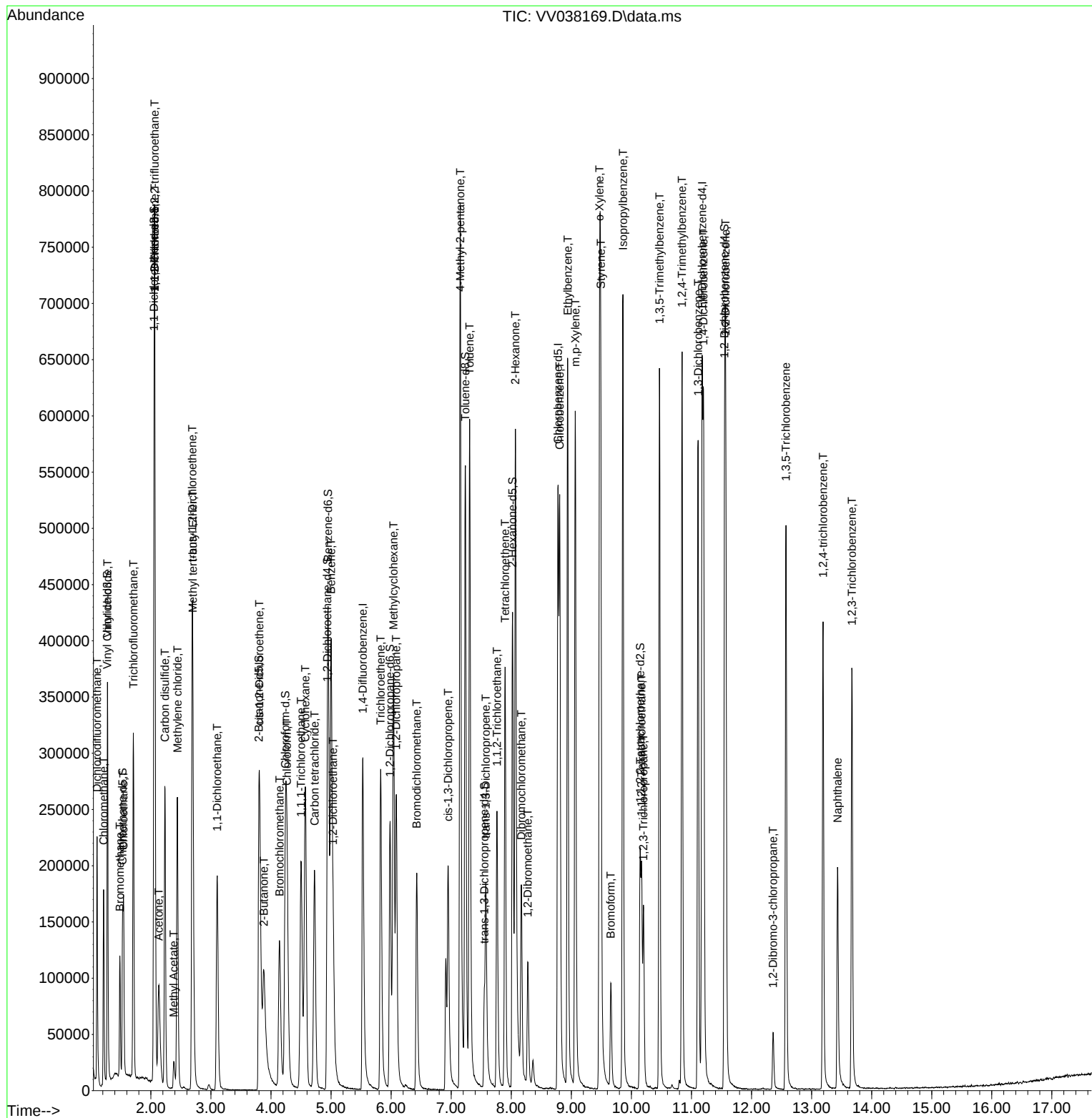
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	83339	5.003	ug/L	100
47) Tetrachloroethene	7.899	164	87496	4.871	ug/L	100
48) 2-Hexanone	8.069	43	375587	51.483	ug/L	100
49) Dibromochloromethane	8.169	129	91776	5.054	ug/L	100
50) 1,2-Dibromoethane	8.275	107	77528	5.021	ug/L	100
51) Chlorobenzene	8.805	112	302453	5.055	ug/L	100
52) Ethylbenzene	8.940	91	457517	4.966	ug/L	100
53) m,p-Xylene	9.066	106	179504	5.163	ug/L	100
54) o-Xylene	9.471	106	169220	5.000	ug/L	100
55) Styrene	9.490	104	321324	5.458	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	96762	4.968	ug/L	100
59) Bromoform	9.657	173	44884	4.847	ug/L	100
60) Isopropylbenzene	9.860	105	454874	4.963	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	66361	4.871	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	350517	4.820	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	357406	4.928	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	243443	4.947	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	247207	4.969	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	225190	4.944	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	14513	4.746	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	161254	4.626	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	131547	4.565	ug/L	100
71) Naphthalene	13.432	128	180131	4.018	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	120256	4.517	ug/L	100

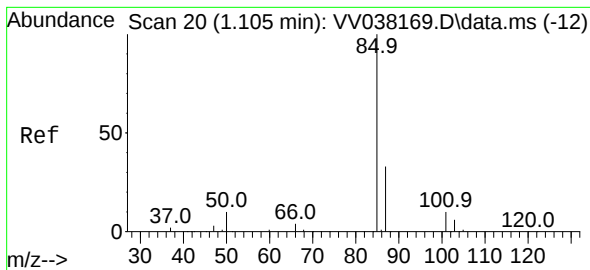
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038169.D
 Acq On : 19 Nov 2024 10:04
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 21:36:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

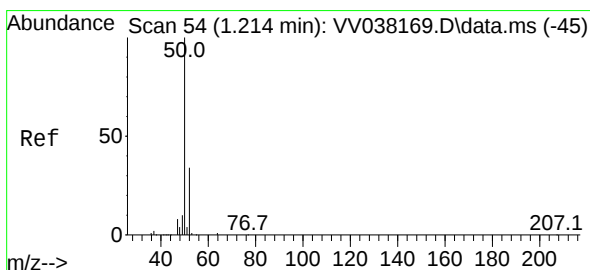
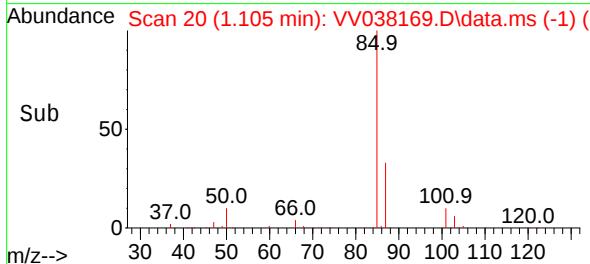
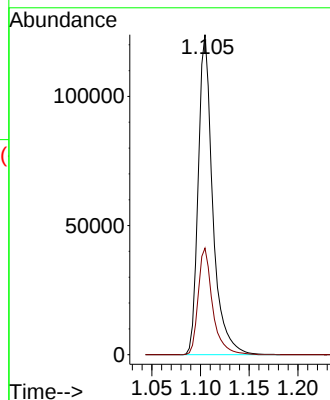
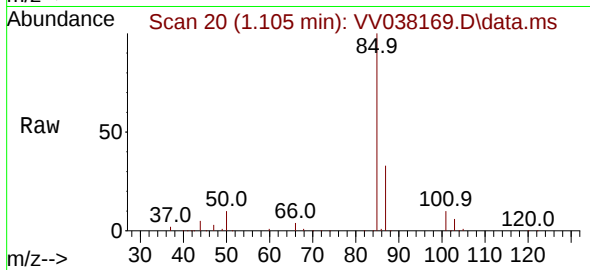




#2
 Dichlorodifluoromethane
 Concen: 4.865 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038169.D
 Acq: 19 Nov 2024 10:04

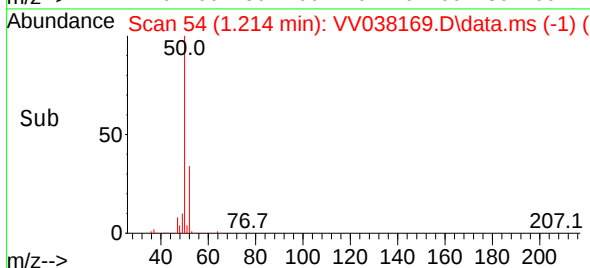
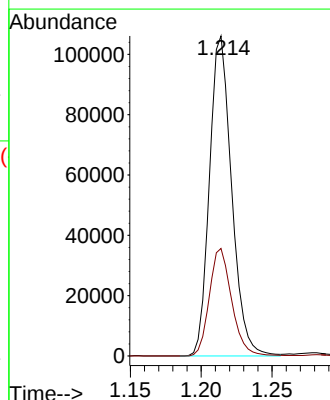
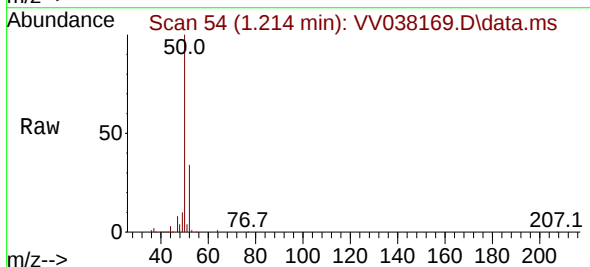
Instrument :
 MSVOA_V
 ClientSampleId :

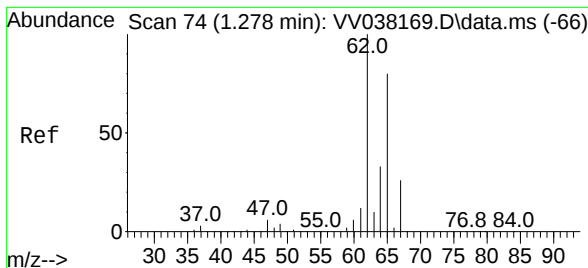
Tgt Ion: 85 Resp: 127957
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.5 39.7



#3
 Chloromethane
 Concen: 5.102 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038169.D
 Acq: 19 Nov 2024 10:04

Tgt Ion: 50 Resp: 115549
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.5 43.7

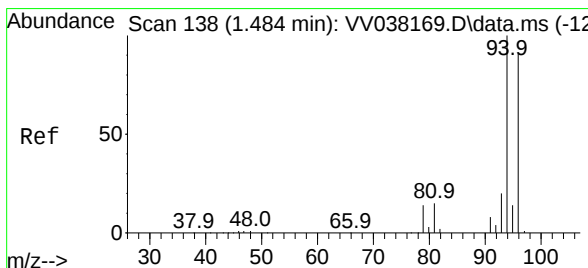
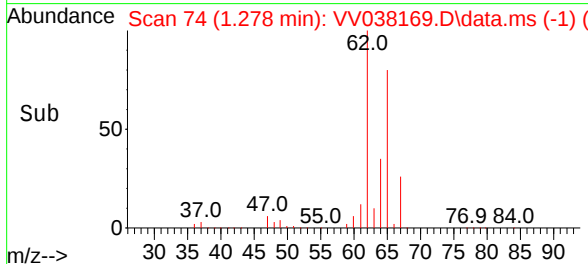
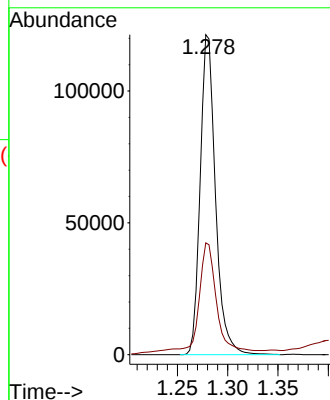
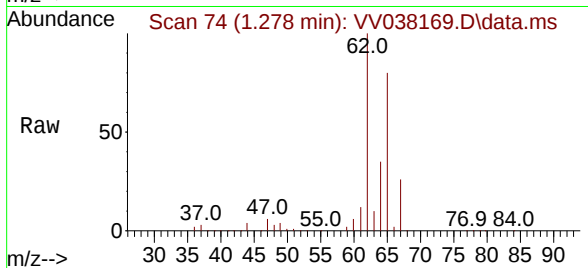




#5
 Vinyl chloride
 Concen: 4.998 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038169.D
 Acq: 19 Nov 2024 10:04

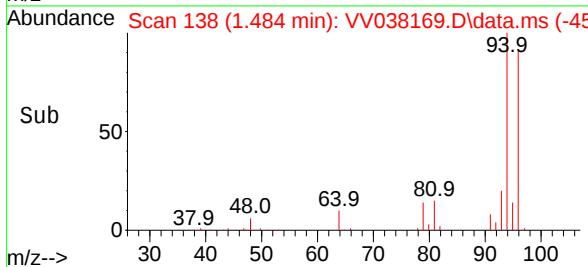
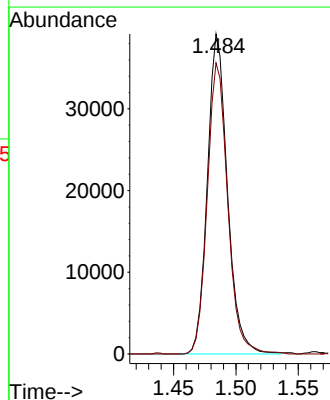
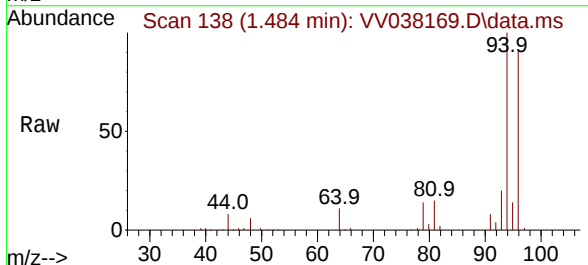
Instrument :
 MSVOA_V
 ClientSampleId :

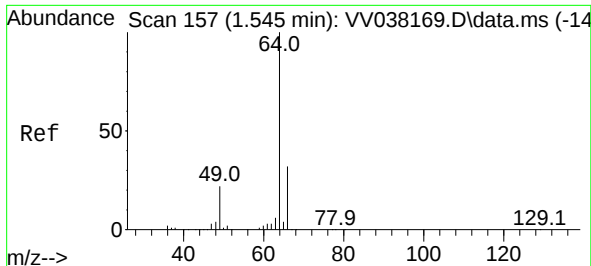
Tgt Ion: 62 Resp: 128270
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.4 45.4



#6
 Bromomethane
 Concen: 4.385 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038169.D
 Acq: 19 Nov 2024 10:04

Tgt Ion: 94 Resp: 43878
 Ion Ratio Lower Upper
 94 100
 96 91.0 63.7 118.3

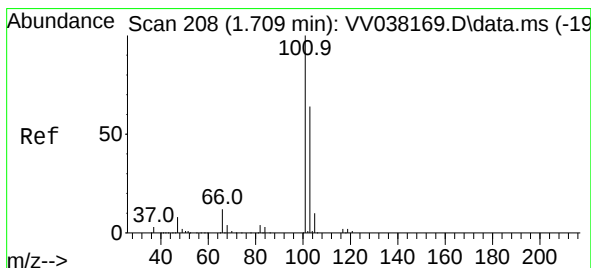
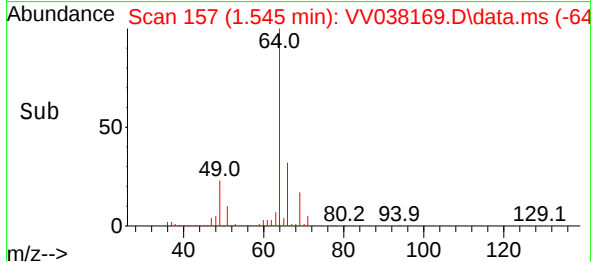
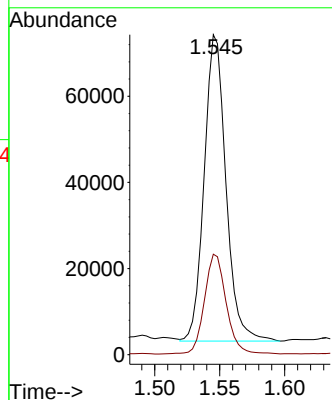
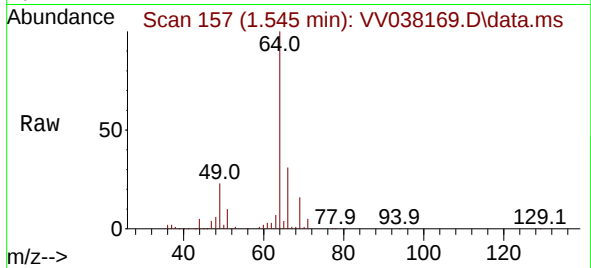




#8
Chloroethane
Concen: 4.620 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

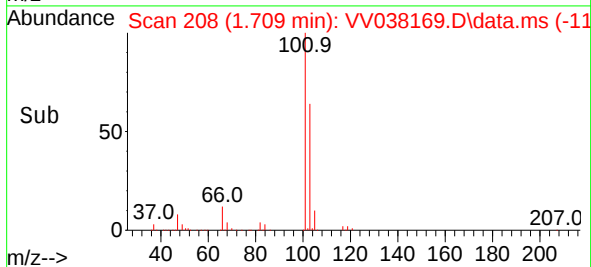
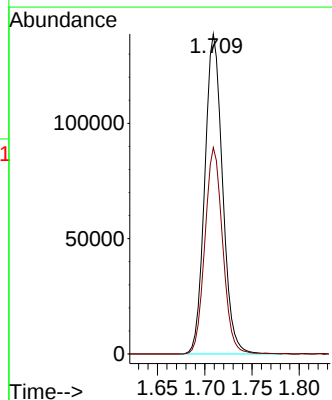
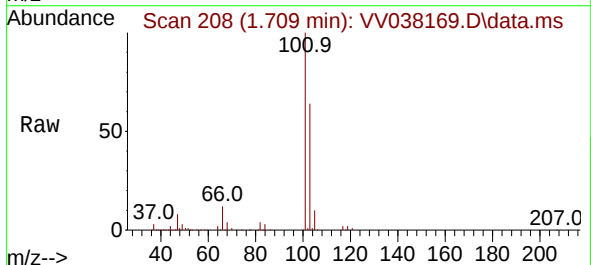
Instrument :
MSVOA_V
ClientSampleId :

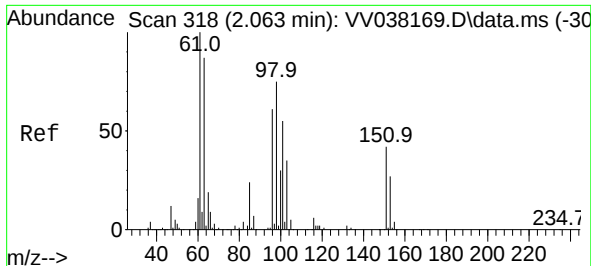
Tgt Ion: 64 Resp: 82967
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.963 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Tgt Ion:101 Resp: 181254
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

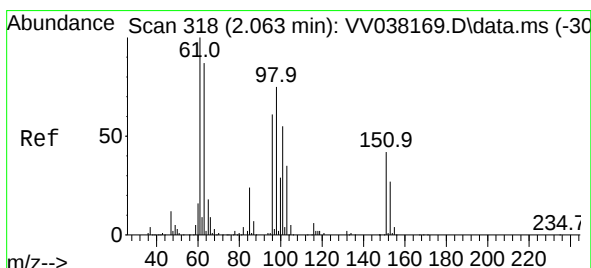
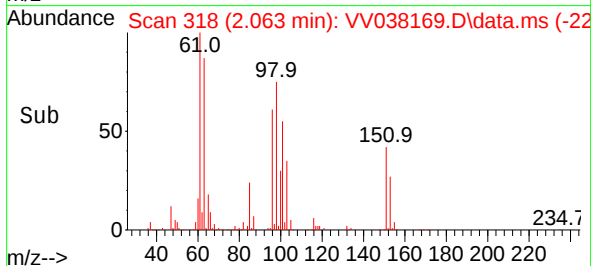
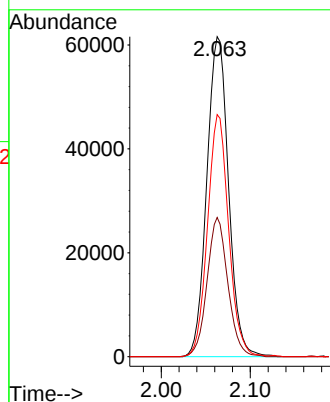
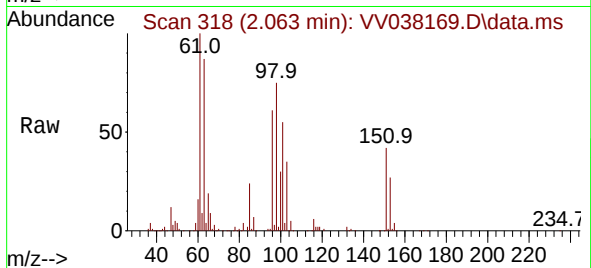




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.003 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

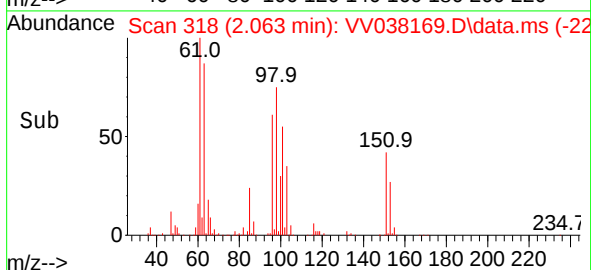
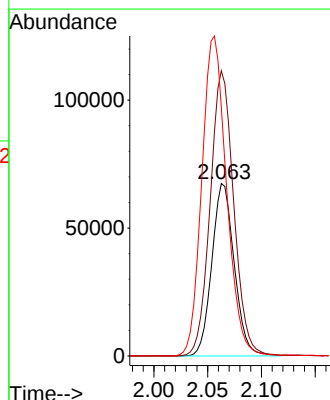
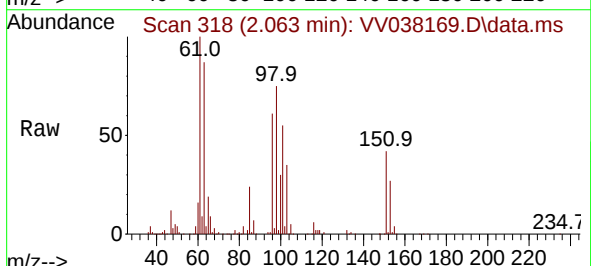
Instrument :
MSVOA_V
ClientSampleId :

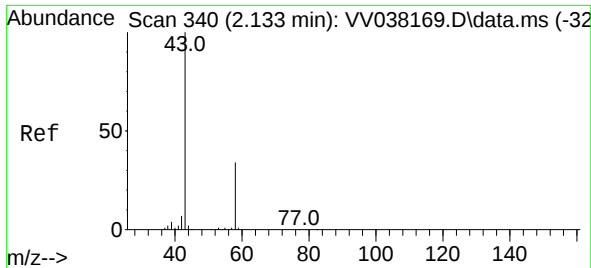
Tgt Ion:101 Resp: 104279
Ion Ratio Lower Upper
101 100
85 41.7 33.4 50.0
151 73.5 58.8 88.2



#12
1,1-Dichloroethene
Concen: 4.920 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Tgt Ion: 96 Resp: 97698
Ion Ratio Lower Upper
96 100
61 165.3 115.7 214.9
63 144.4 101.1 187.7





#13

Acetone

Concen: 47.940 ug/L

RT: 2.133 min Scan# 340

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

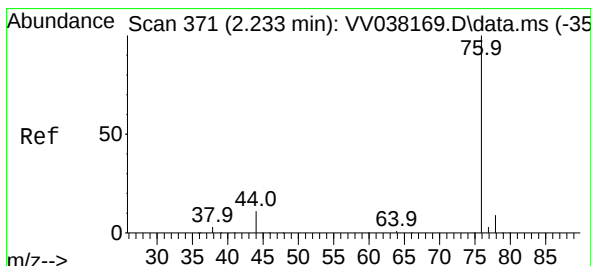
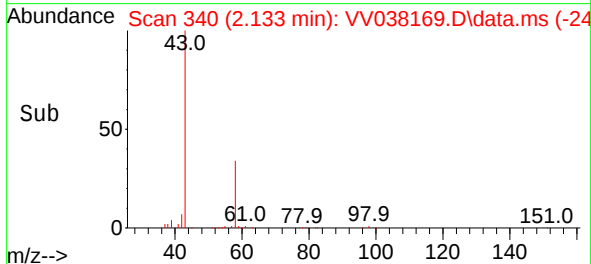
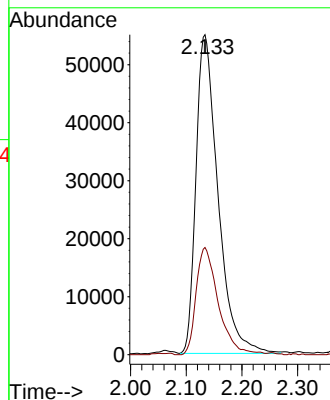
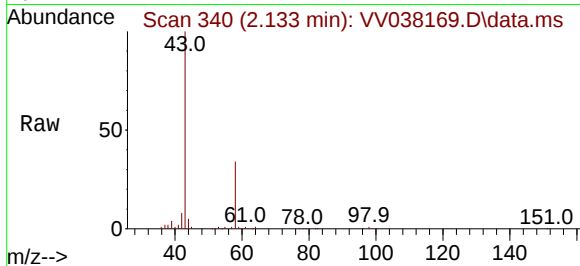
ClientSampleId :

Tgt Ion: 43 Resp: 151142

Ion Ratio Lower Upper

43 100

58 33.6 0.0 67.2



#14

Carbon disulfide

Concen: 4.911 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV038169.D

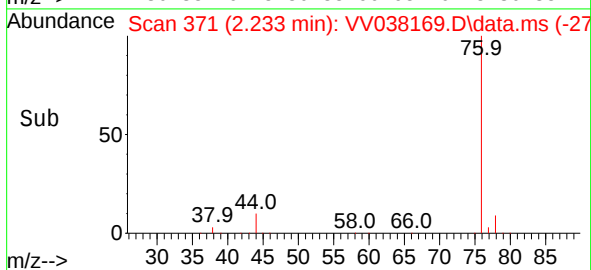
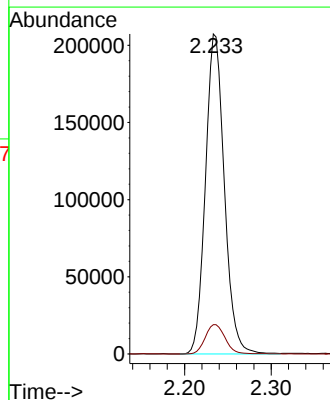
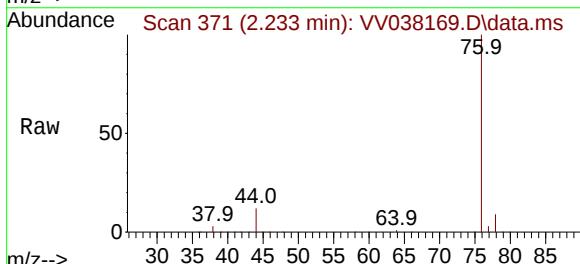
Acq: 19 Nov 2024 10:04

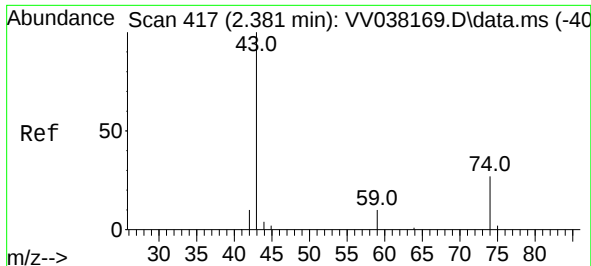
Tgt Ion: 76 Resp: 314121

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 4.527 ug/L

RT: 2.381 min Scan# 417

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

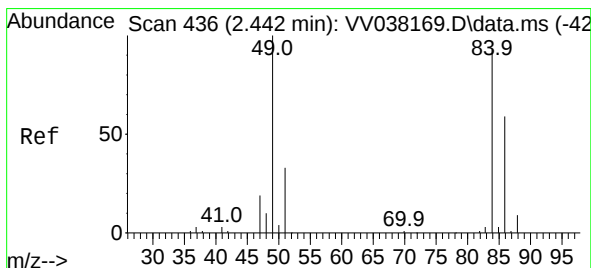
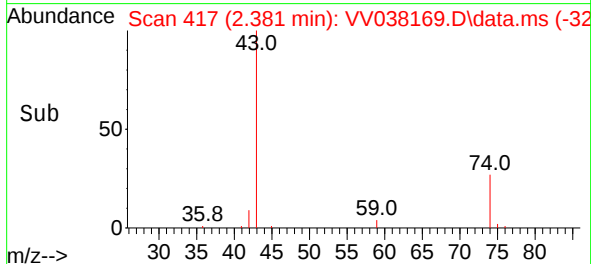
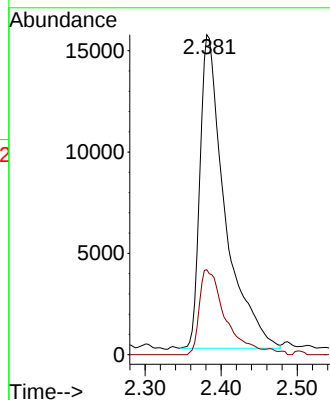
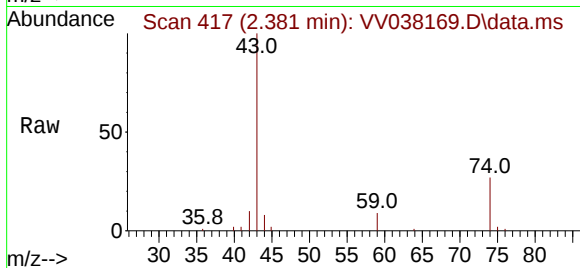
ClientSampleId :

Tgt Ion: 43 Resp: 35125

Ion Ratio Lower Upper

43 100

74 28.0 22.4 33.6



#16

Methylene chloride

Concen: 5.019 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

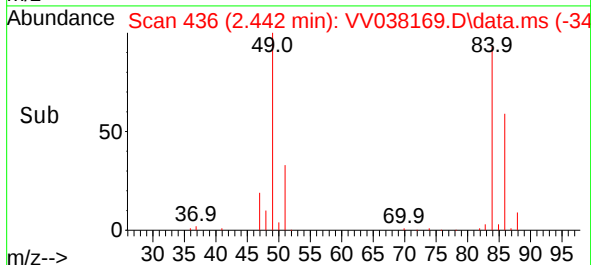
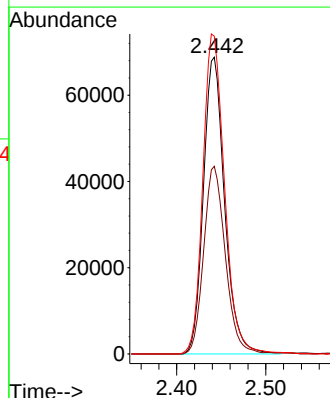
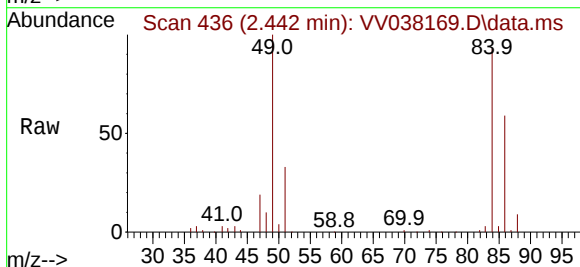
Tgt Ion: 84 Resp: 113644

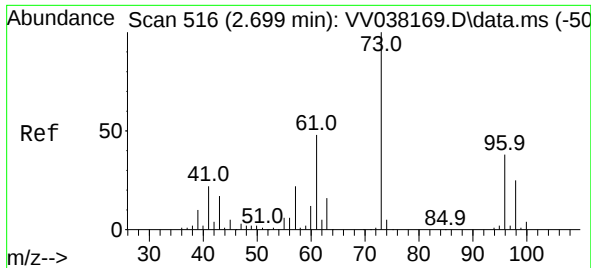
Ion Ratio Lower Upper

84 100

86 63.2 44.2 82.2

49 107.0 74.9 139.1

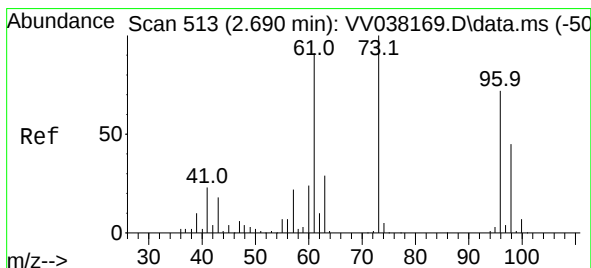
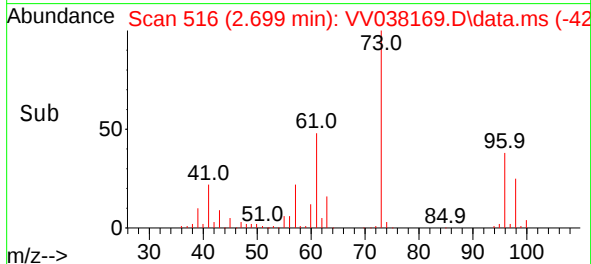
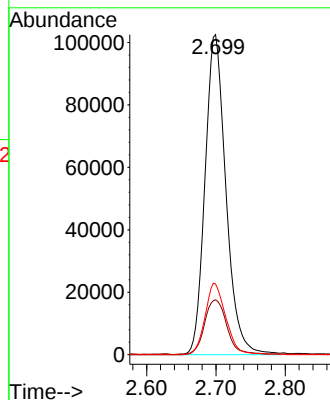
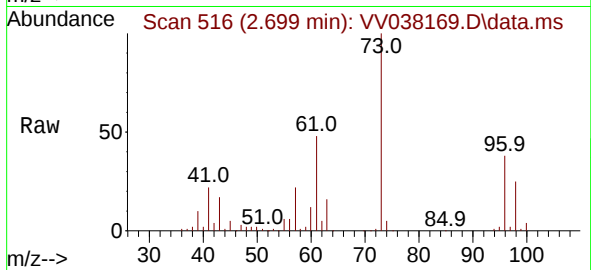




#17
Methyl tert-butyl Ether
Concen: 4.796 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

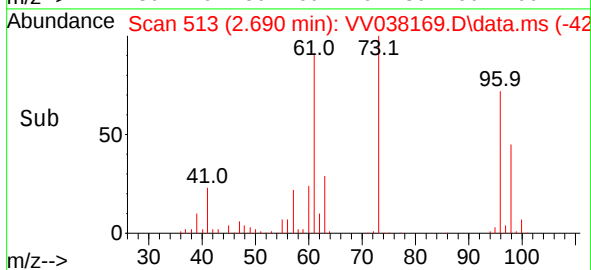
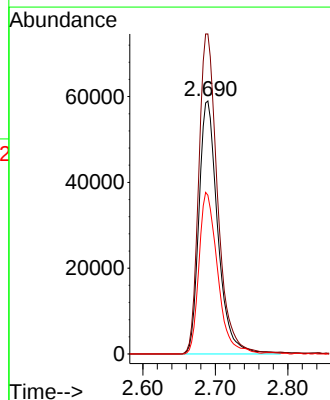
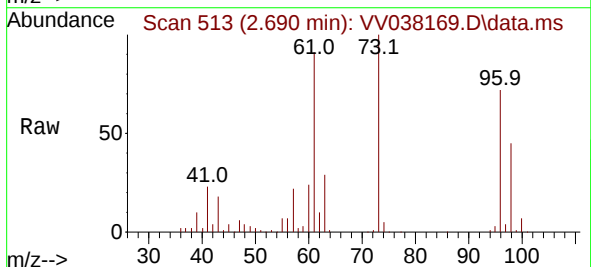
Instrument :
MSVOA_V
ClientSampleId :

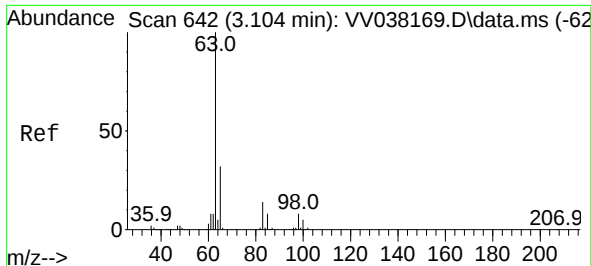
Tgt Ion: 73 Resp: 215316
Ion Ratio Lower Upper
73 100
43 17.7 14.2 21.2
57 22.0 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.078 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

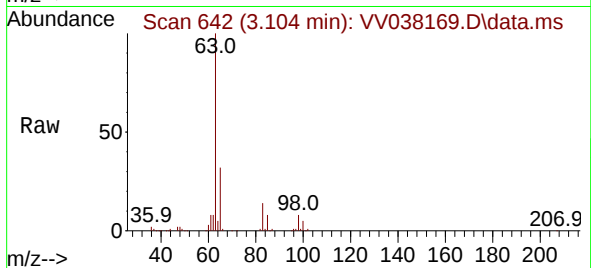
Tgt Ion: 96 Resp: 106225
Ion Ratio Lower Upper
96 100
61 126.5 88.5 164.4
98 62.7 43.9 81.5



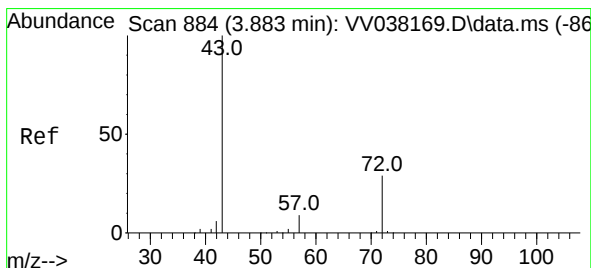
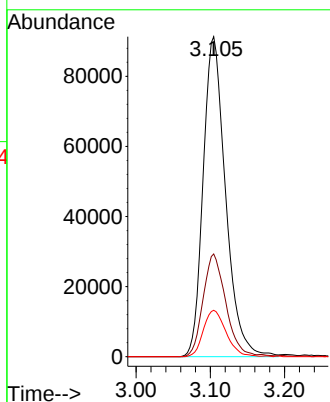
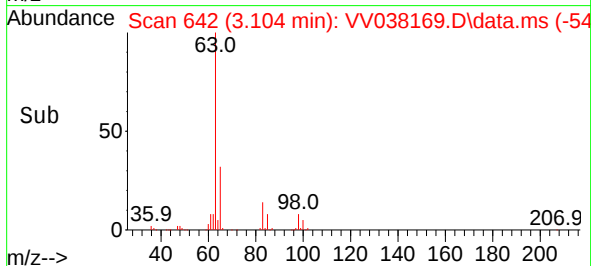


#19
1,1-Dichloroethane
Concen: 5.046 ug/L
RT: 3.104 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Instrument :
MSVOA_V
ClientSampleId :

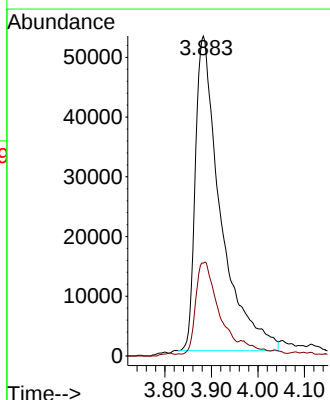
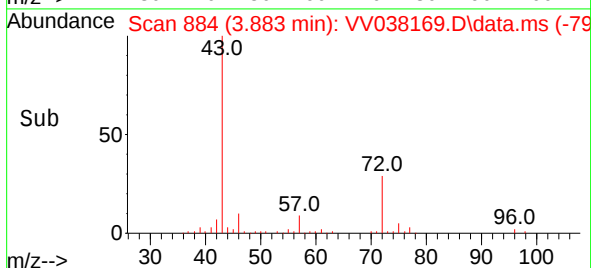
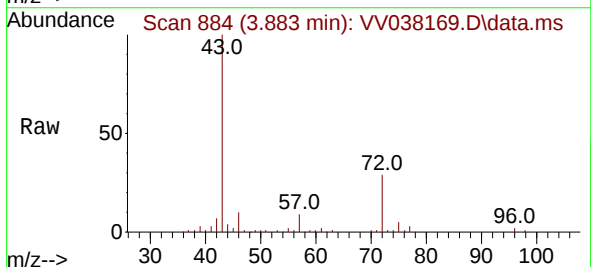


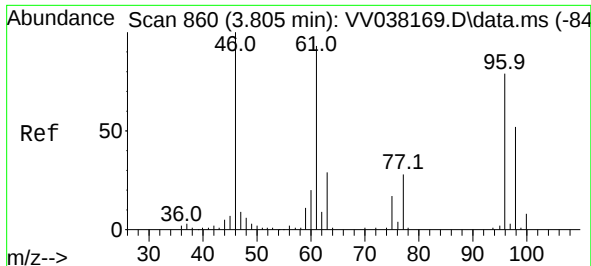
Tgt Ion: 63 Resp: 191615
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.7
83 14.5 10.1 18.9



#21
2-Butanone
Concen: 47.146 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

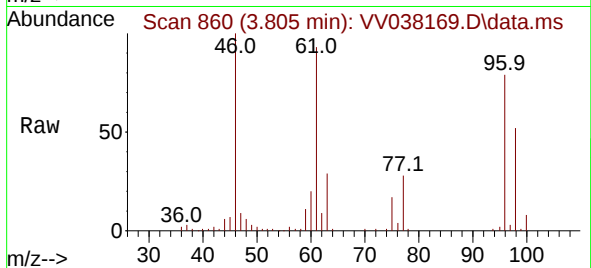
Tgt Ion: 43 Resp: 198141
Ion Ratio Lower Upper
43 100
72 26.0 13.0 39.0



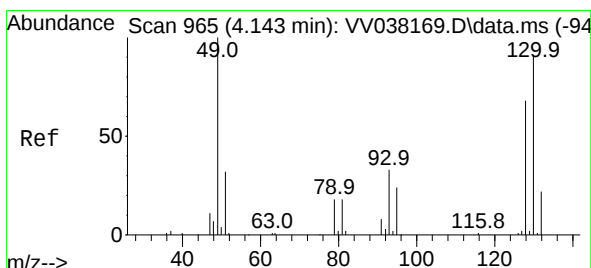
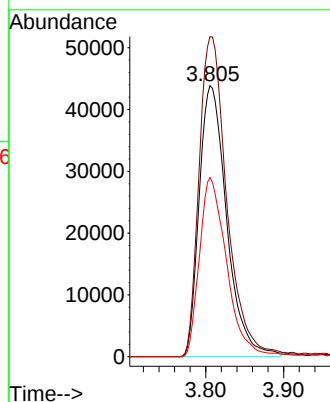
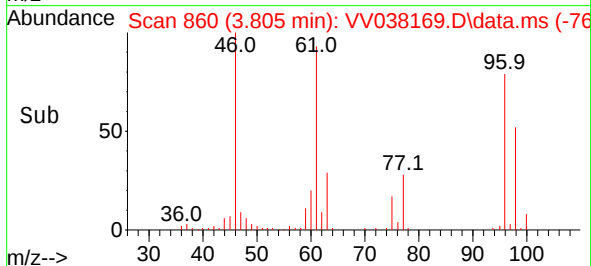


#22
 cis-1,2-Dichloroethene
 Concen: 4.973 ug/L
 RT: 3.805 min Scan# 860
 Delta R.T. 0.000 min
 Lab File: VV038169.D
 Acq: 19 Nov 2024 10:04

Instrument :
 MSVOA_V
 ClientSampleId :

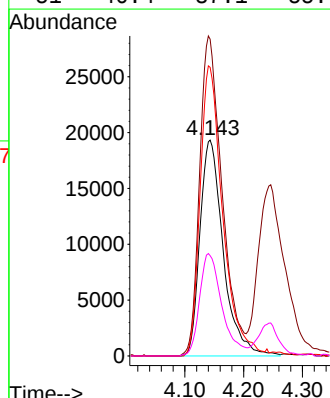
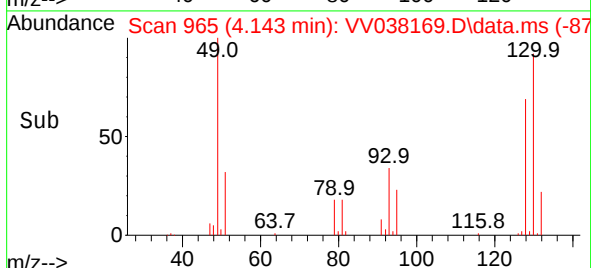
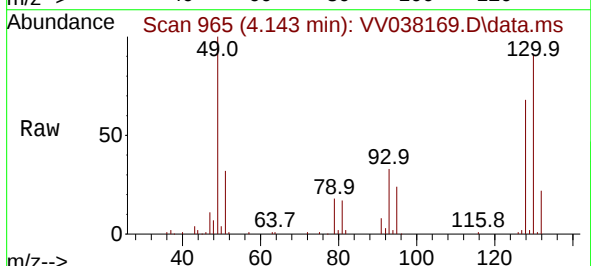


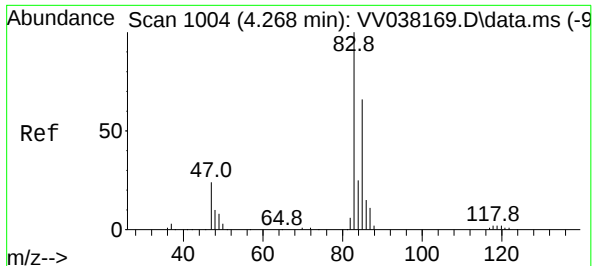
Tgt Ion: 96 Resp: 107560
 Ion Ratio Lower Upper
 96 100
 61 118.1 82.7 153.5
 98 66.1 46.3 85.9



#23
 Bromochloromethane
 Concen: 5.028 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: VV038169.D
 Acq: 19 Nov 2024 10:04

Tgt Ion: 128 Resp: 53103
 Ion Ratio Lower Upper
 128 100
 49 146.8 102.8 190.8
 130 133.7 93.6 173.8
 51 46.4 37.1 55.7





#25

Chloroform

Concen: 5.151 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

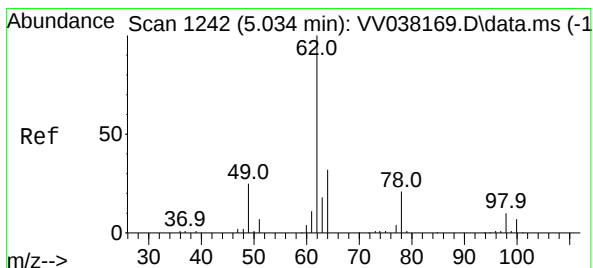
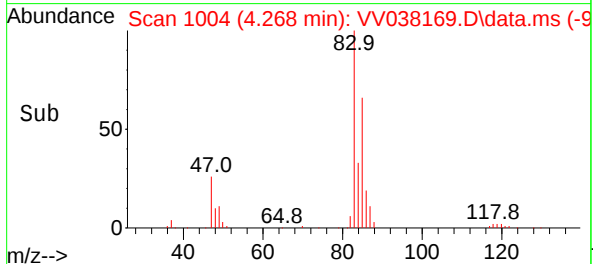
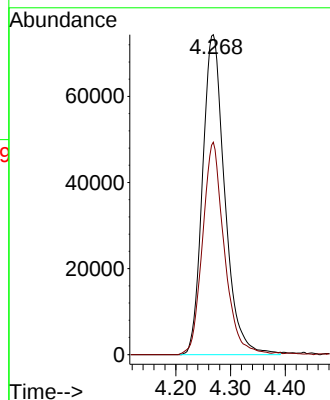
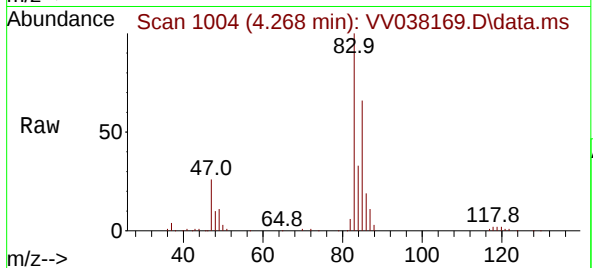
ClientSampleId :

Tgt Ion: 83 Resp: 209235

Ion Ratio Lower Upper

83 100

85 66.4 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.225 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV038169.D

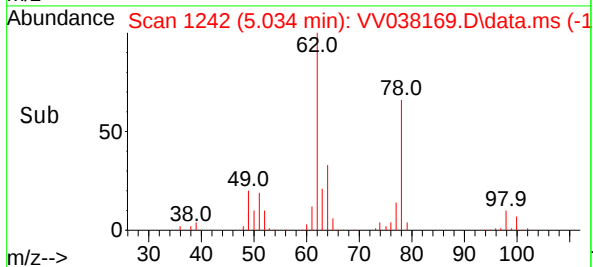
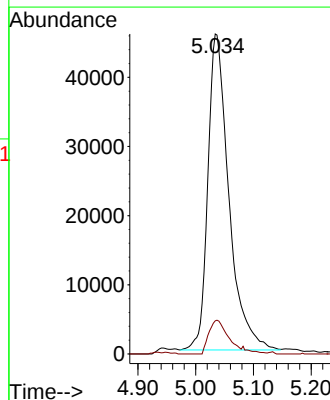
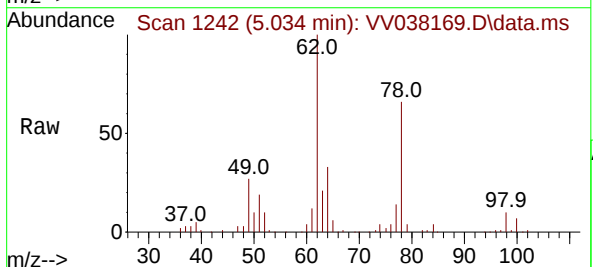
Acq: 19 Nov 2024 10:04

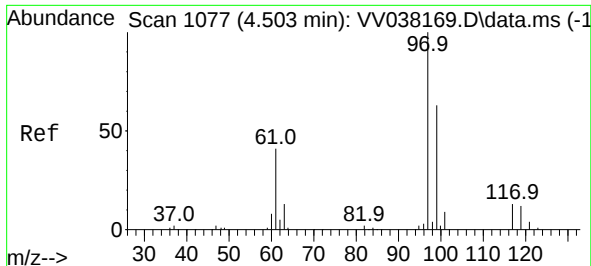
Tgt Ion: 62 Resp: 115488

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4

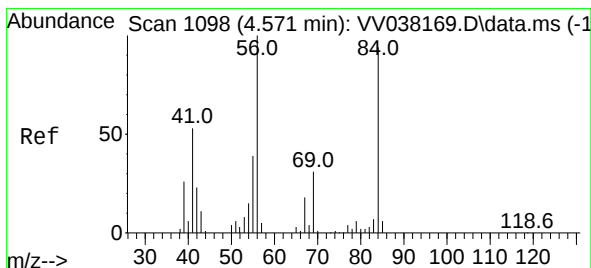
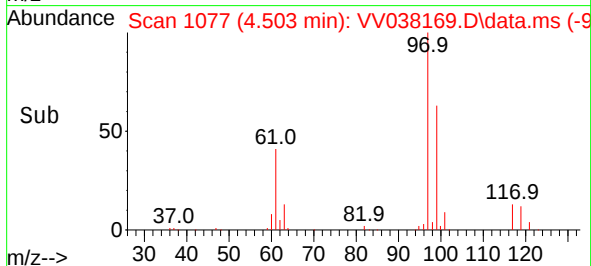
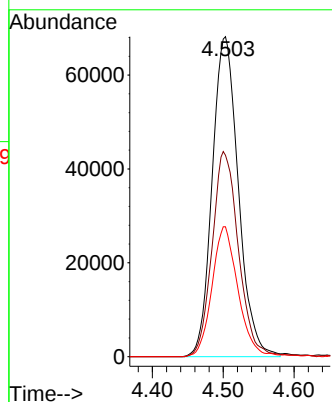
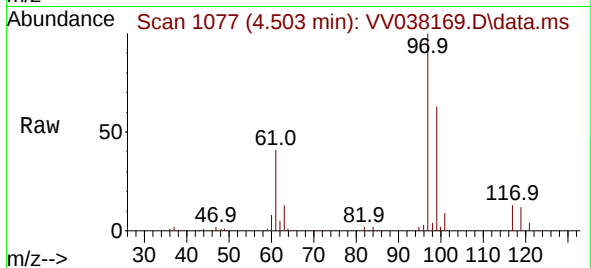




#29
1,1,1-Trichloroethane
Concen: 4.995 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

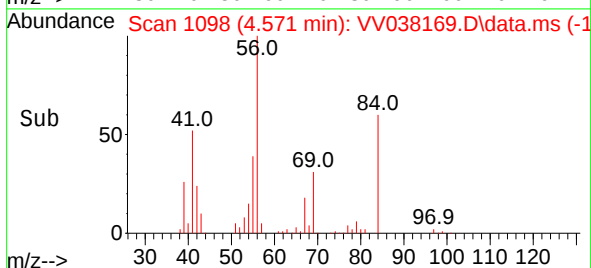
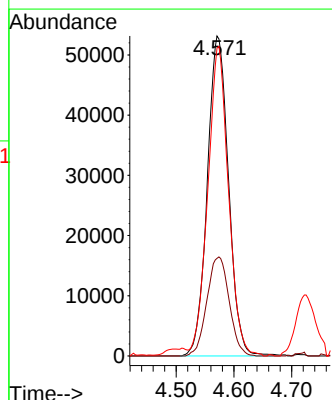
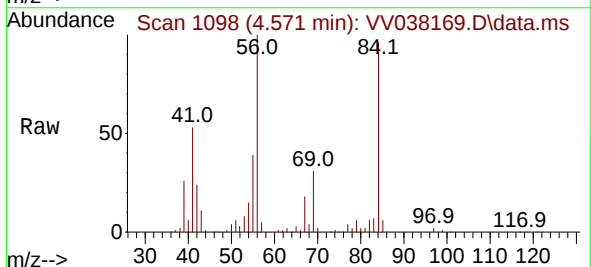
Instrument :
MSVOA_V
ClientSampleId :

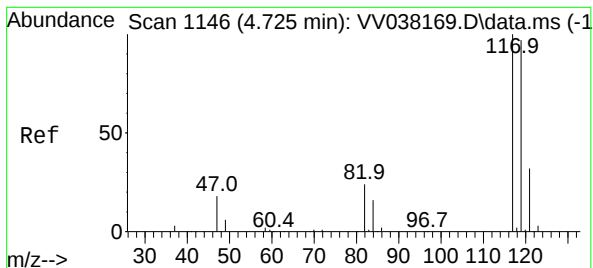
Tgt Ion: 97 Resp: 174865
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 40.2 32.2 48.2



#30
Cyclohexane
Concen: 4.675 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Tgt Ion: 56 Resp: 135741
Ion Ratio Lower Upper
56 100
69 32.5 26.0 39.0
84 94.5 75.6 113.4





#31

Carbon tetrachloride

Concen: 4.977 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

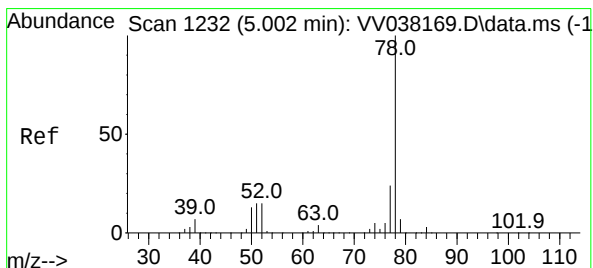
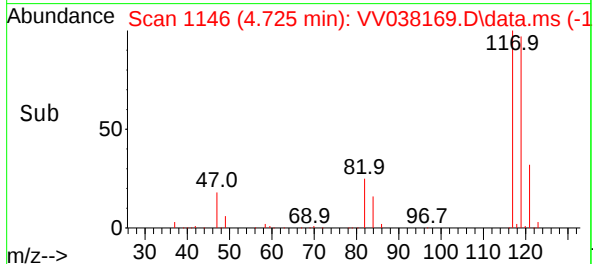
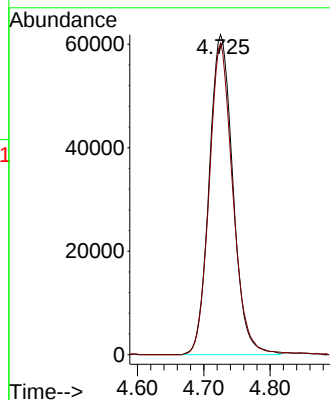
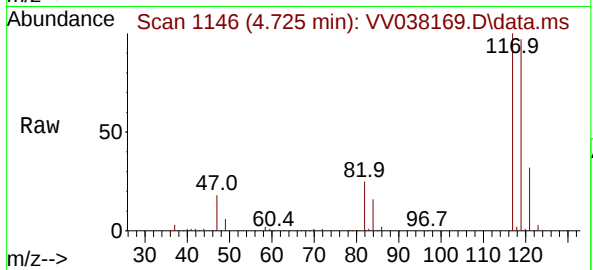
ClientSampleId :

Tgt Ion:117 Resp: 153722

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.2



#33

Benzene

Concen: 5.244 ug/L

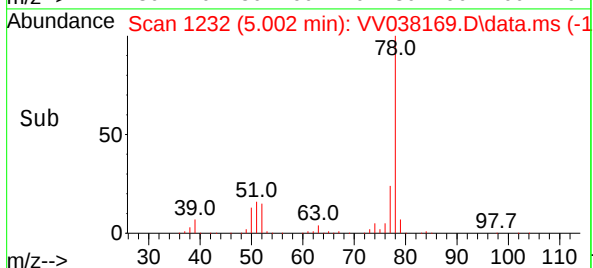
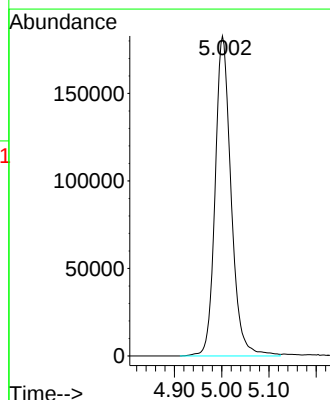
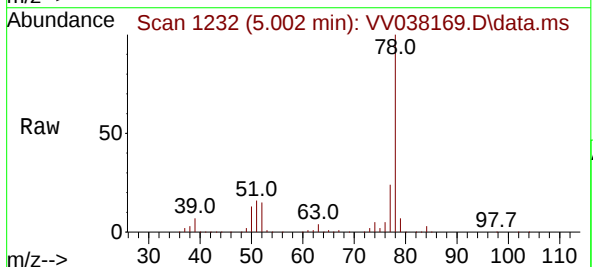
RT: 5.002 min Scan# 1232

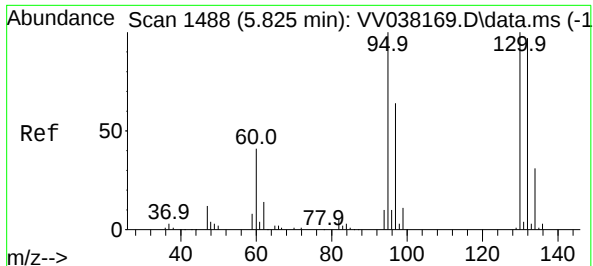
Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Tgt Ion: 78 Resp: 429937

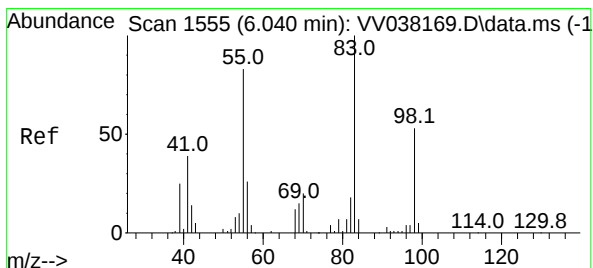
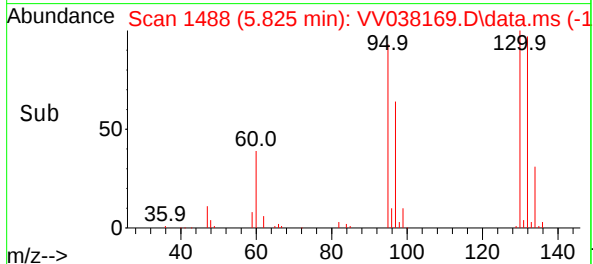
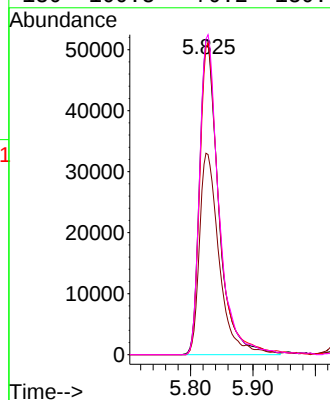
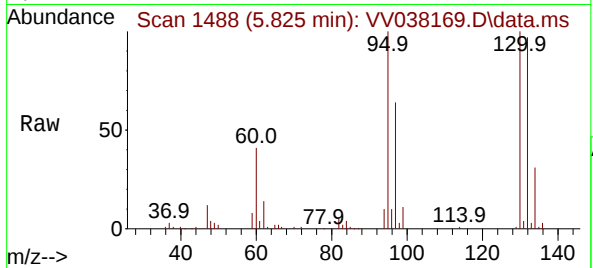




#34
Trichloroethene
Concen: 4.898 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

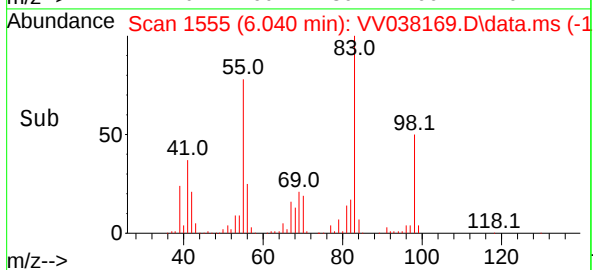
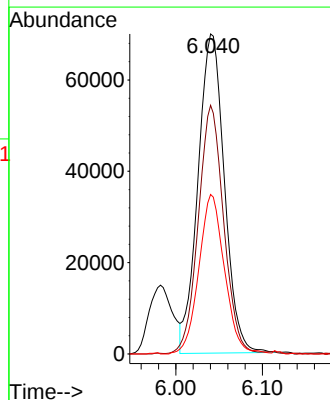
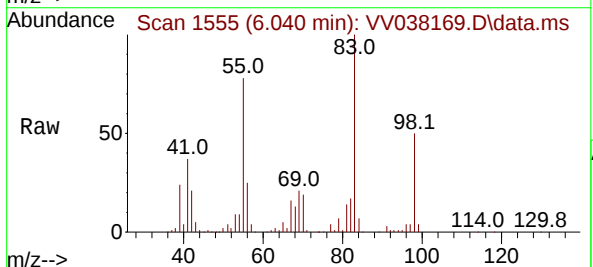
Instrument :
MSVOA_V
ClientSampleId :

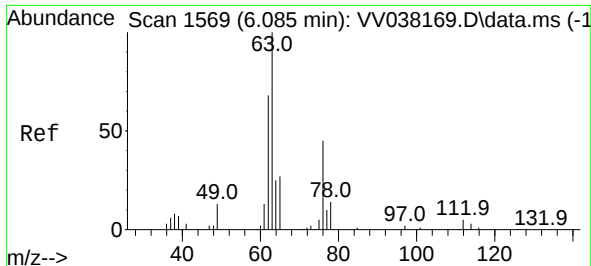
Tgt Ion: 95 Resp: 109490
Ion Ratio Lower Upper
95 100
97 64.0 44.8 83.2
132 97.5 68.3 126.8
130 100.3 70.2 130.4



#35
Methylcyclohexane
Concen: 4.669 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Tgt Ion: 83 Resp: 147636
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 48.7 39.0 58.4

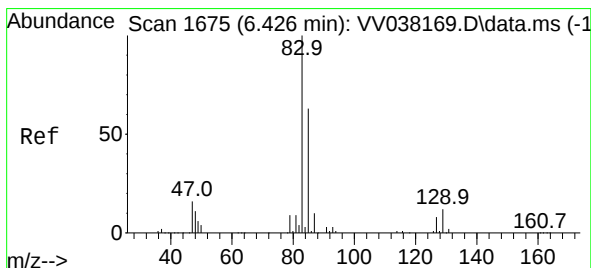
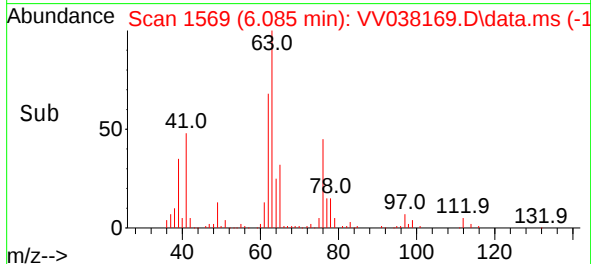
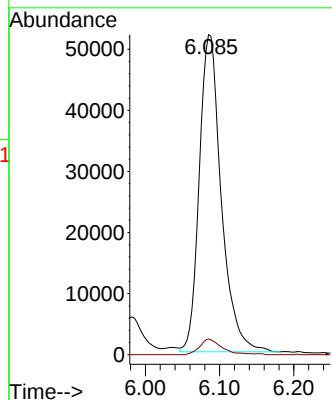
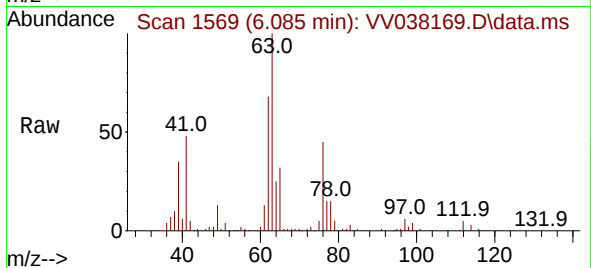




#37
1,2-Dichloropropane
Concen: 5.211 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

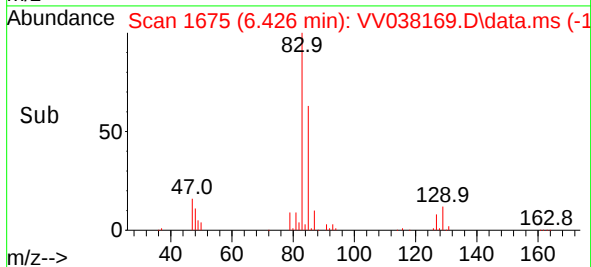
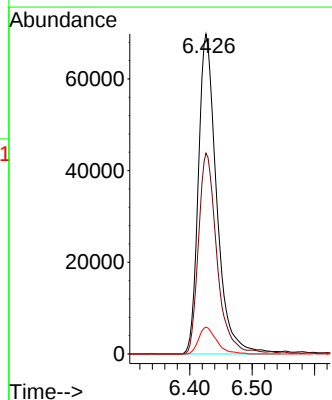
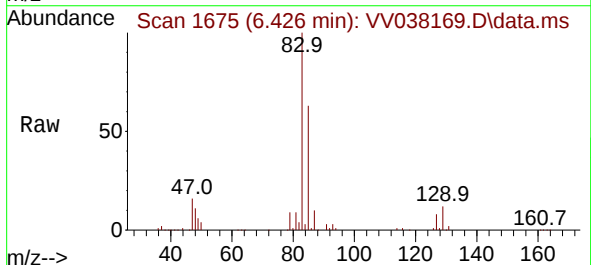
Instrument :
MSVOA_V
ClientSampleId :

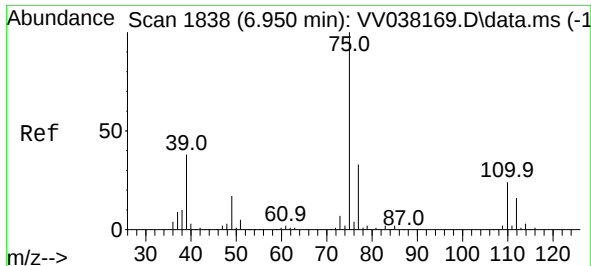
Tgt Ion: 63 Resp: 107035
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 5.166 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Tgt Ion: 83 Resp: 142628
Ion Ratio Lower Upper
83 100
85 62.7 43.9 81.5
127 8.4 6.7 10.1

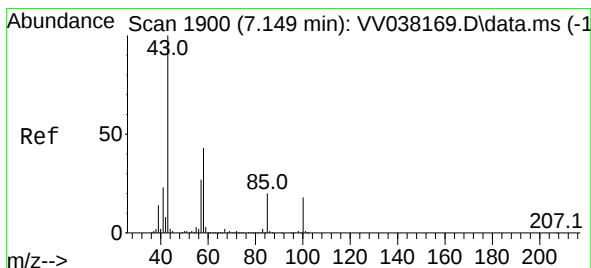
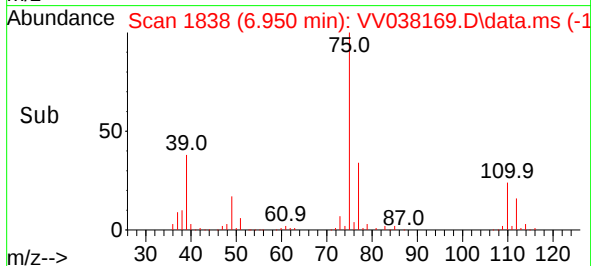
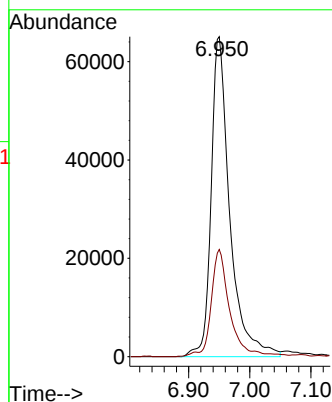
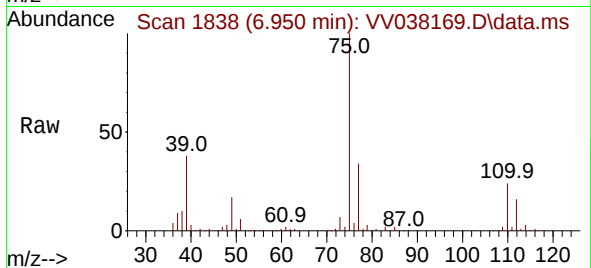




#39
 cis-1,3-Dichloropropene
 Concen: 4.959 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV038169.D
 Acq: 19 Nov 2024 10:04

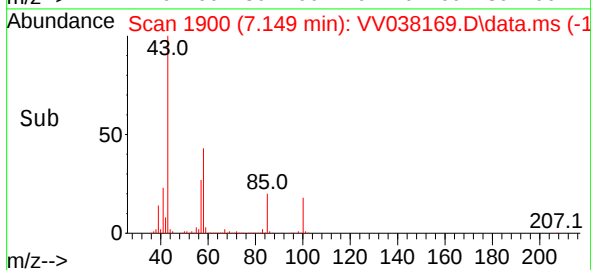
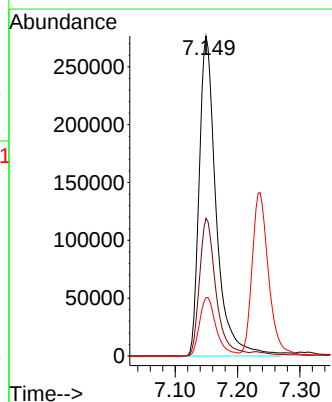
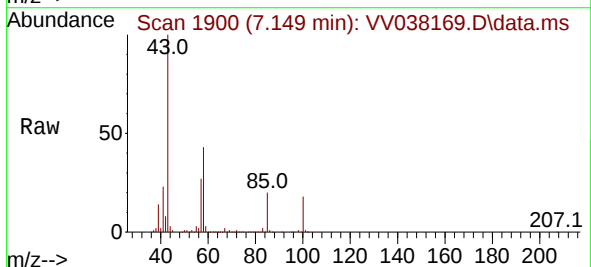
Instrument :
 MSVOA_V
 ClientSampleId :

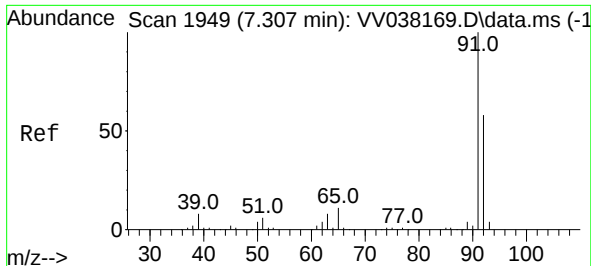
Tgt Ion: 75 Resp: 137710
 Ion Ratio Lower Upper
 75 100
 77 33.5 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 49.593 ug/L
 RT: 7.149 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VV038169.D
 Acq: 19 Nov 2024 10:04

Tgt Ion: 43 Resp: 524185
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.4 50.2
 100 17.9 14.3 21.5





#42

Toluene

Concen: 5.317 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

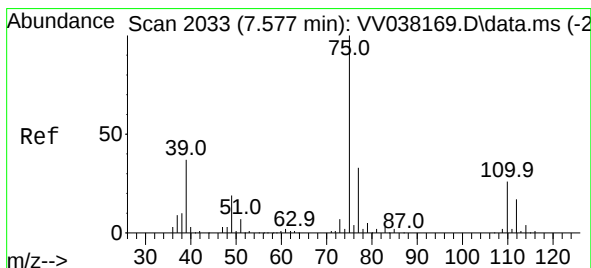
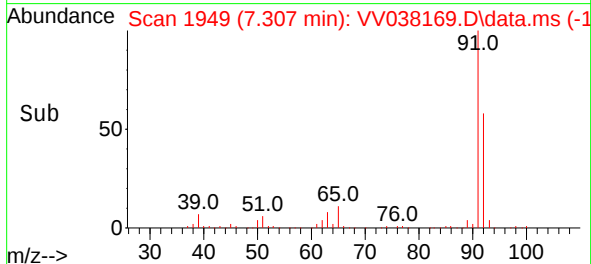
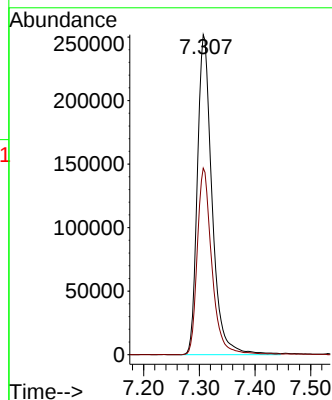
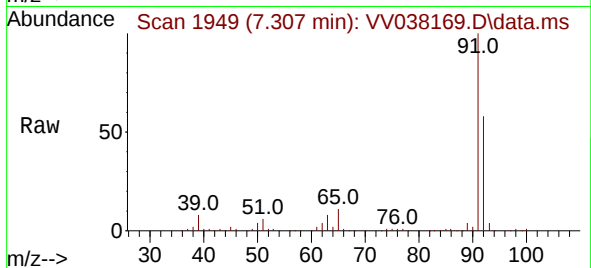
ClientSampleId :

Tgt Ion: 91 Resp: 461700

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.117 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038169.D

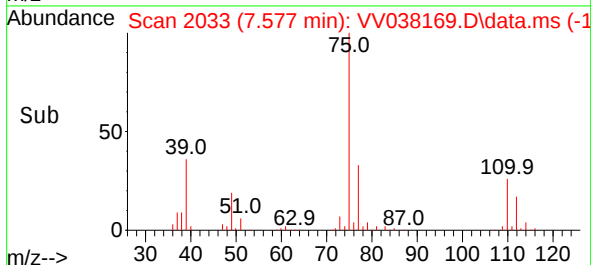
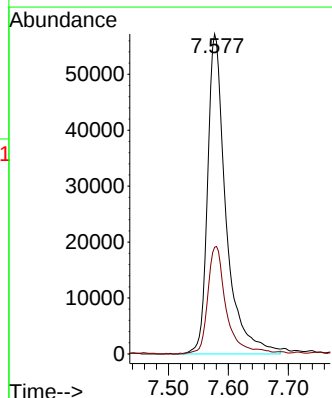
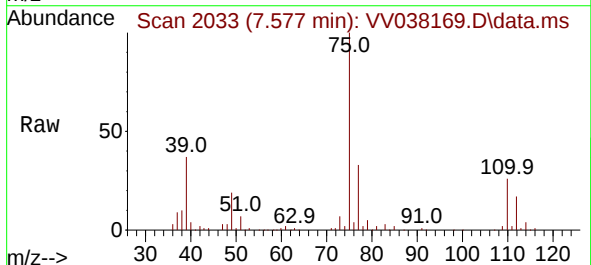
Acq: 19 Nov 2024 10:04

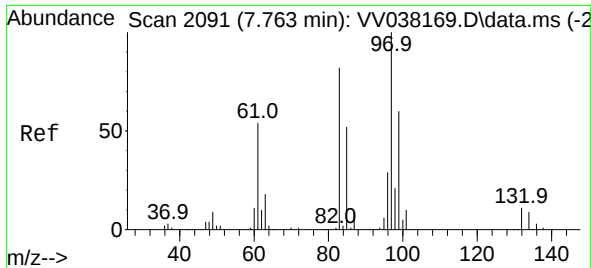
Tgt Ion: 75 Resp: 122041

Ion Ratio Lower Upper

75 100

77 33.4 23.4 43.4

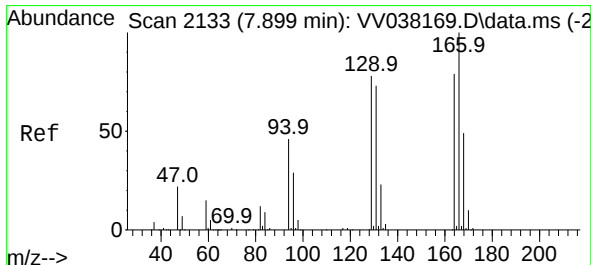
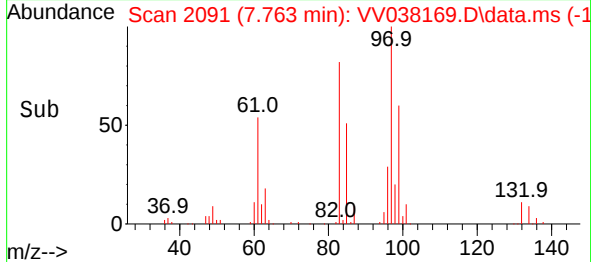
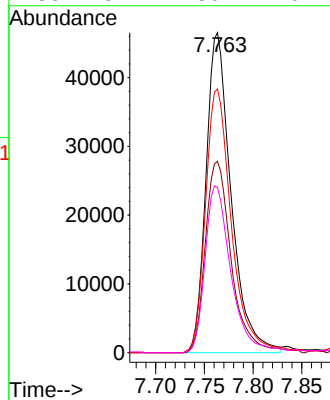
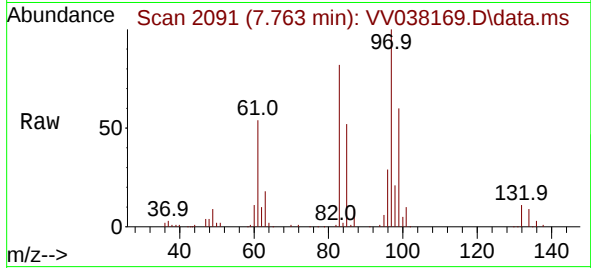




#45
1,1,2-Trichloroethane
Concen: 5.003 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

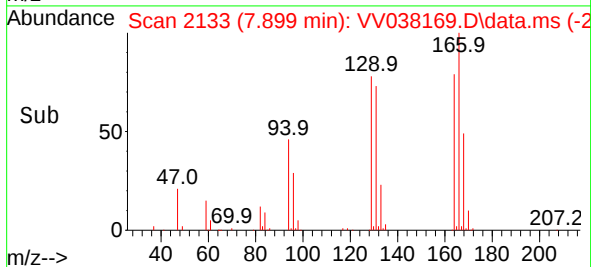
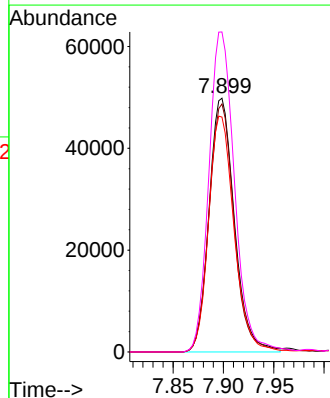
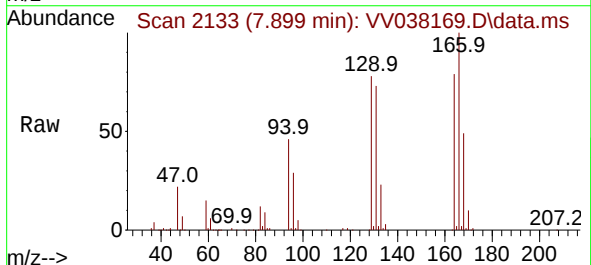
Instrument :
MSVOA_V
ClientSampleId :

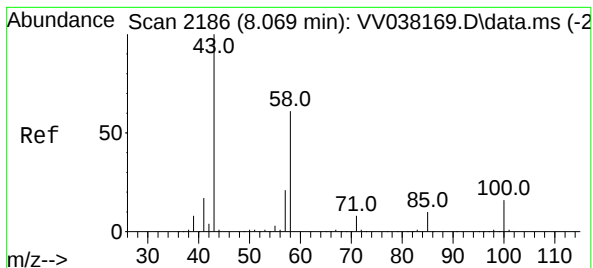
Tgt Ion:	97	Resp:	83339
Ion	Ratio	Lower	Upper
97	100		
99	59.8	41.9	77.7
83	82.4	57.7	107.1
85	51.7	36.2	67.2



#47
Tetrachloroethene
Concen: 4.871 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Tgt Ion:	164	Resp:	87496
Ion	Ratio	Lower	Upper
164	100		
129	97.8	68.5	127.1
131	92.6	64.8	120.4
166	126.1	88.3	163.9





#48

2-Hexanone

Concen: 51.483 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 375587

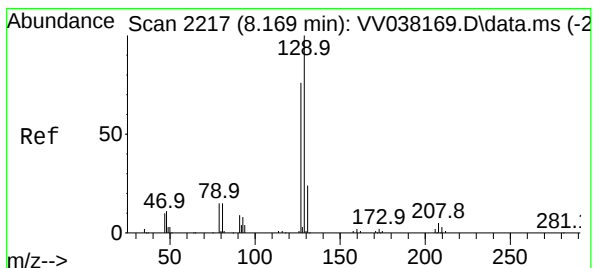
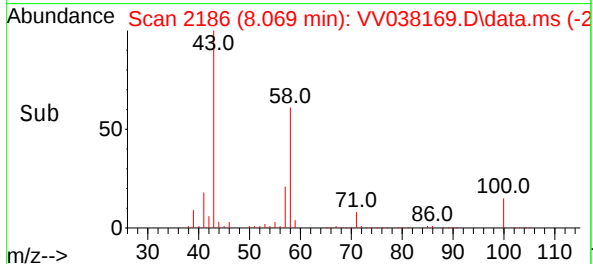
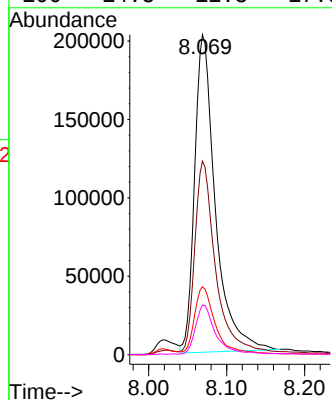
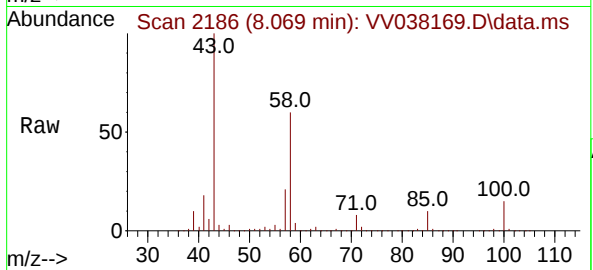
Ion Ratio Lower Upper

43 100

58 61.5 49.2 73.8

57 21.1 16.9 25.3

100 14.8 11.8 17.8



#49

Dibromochloromethane

Concen: 5.054 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV038169.D

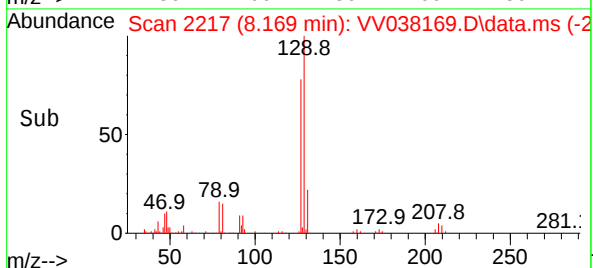
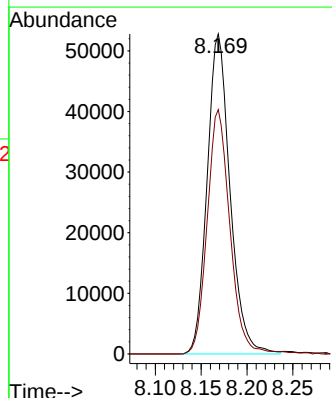
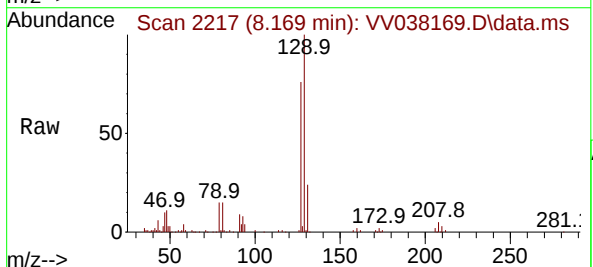
Acq: 19 Nov 2024 10:04

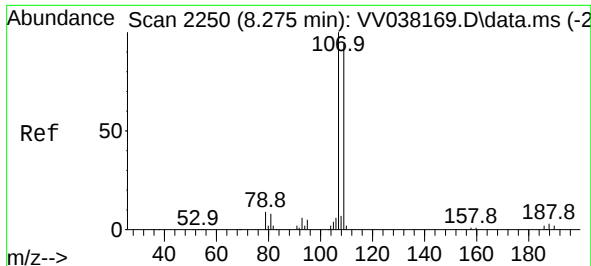
Tgt Ion: 129 Resp: 91776

Ion Ratio Lower Upper

129 100

127 76.4 53.5 99.3

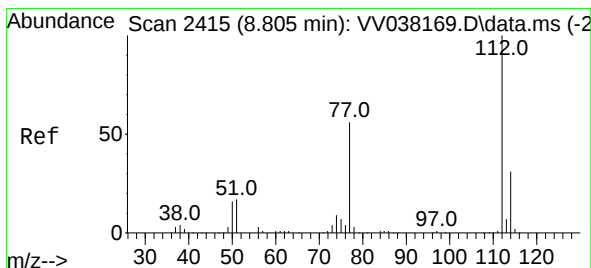
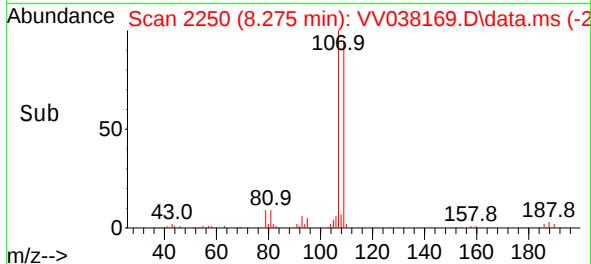
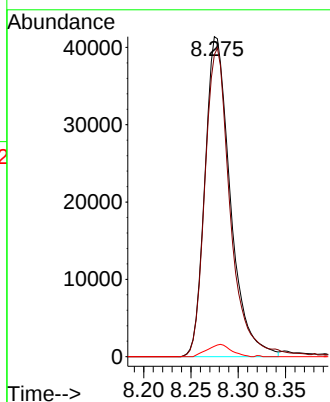
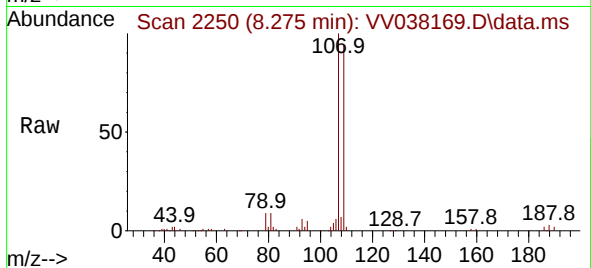




#50
1,2-Dibromoethane
Concen: 5.021 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

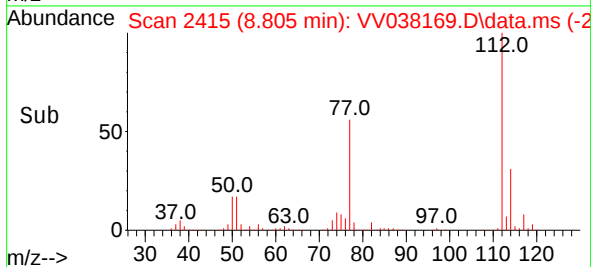
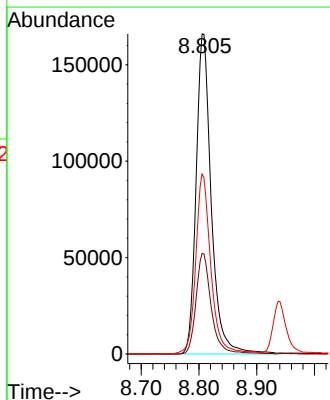
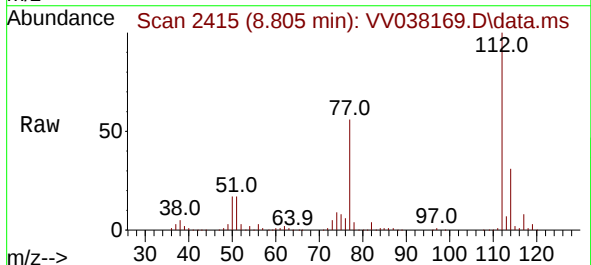
Instrument :
MSVOA_V
ClientSampleId :

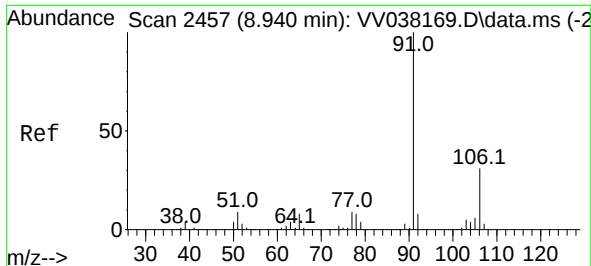
Tgt Ion:107 Resp: 77528
Ion Ratio Lower Upper
107 100
109 94.4 66.1 122.7
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 5.055 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Tgt Ion:112 Resp: 302453
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 56.2 45.0 67.4

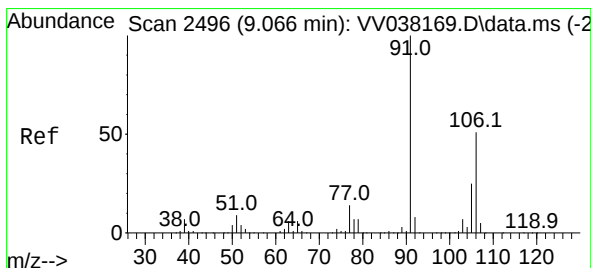
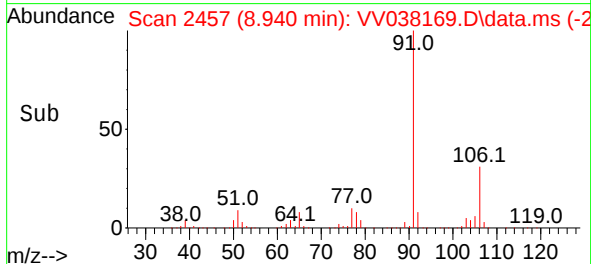
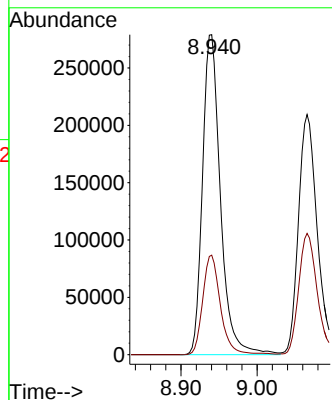
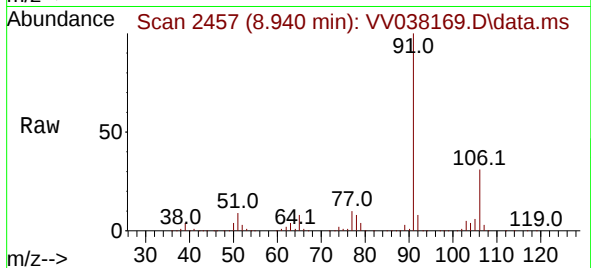




#52
Ethylbenzene
Concen: 4.966 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

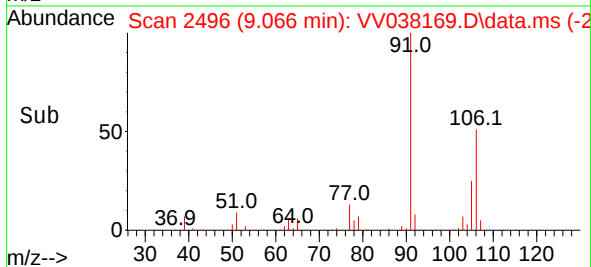
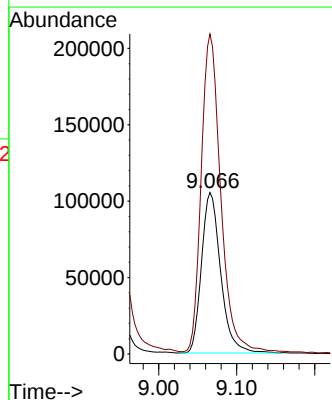
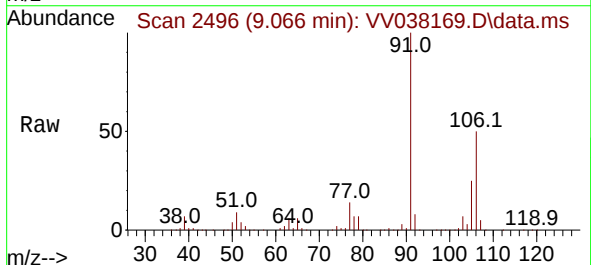
Instrument :
MSVOA_V
ClientSampleId :

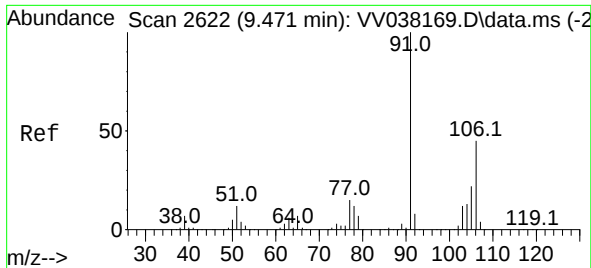
Tgt Ion: 91 Resp: 457517
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 5.163 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Tgt Ion: 106 Resp: 179504
Ion Ratio Lower Upper
106 100
91 198.1 138.7 257.5

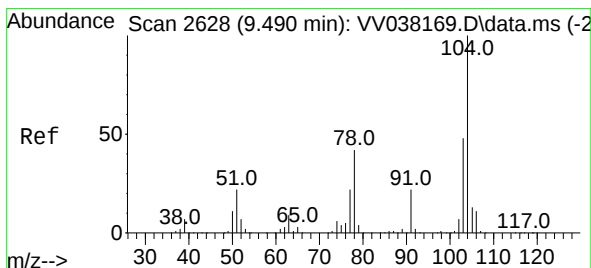
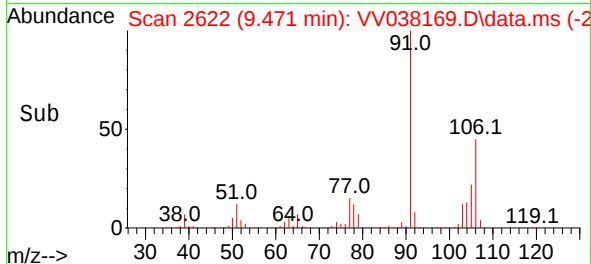
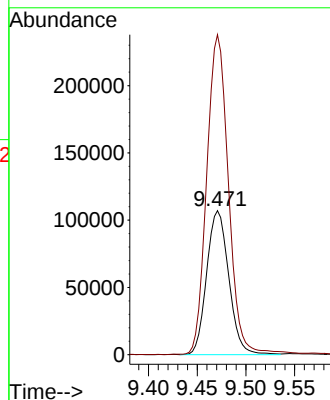
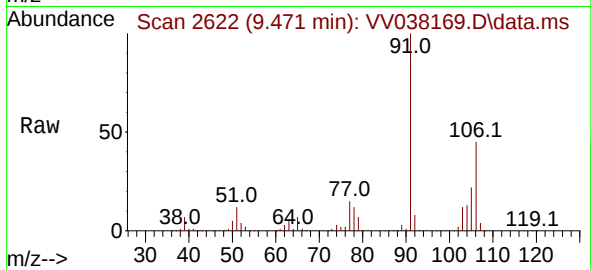




#54
o-Xylene
Concen: 5.000 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

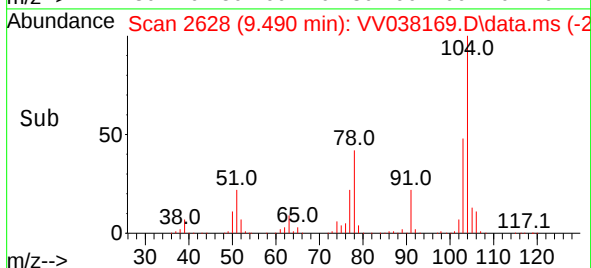
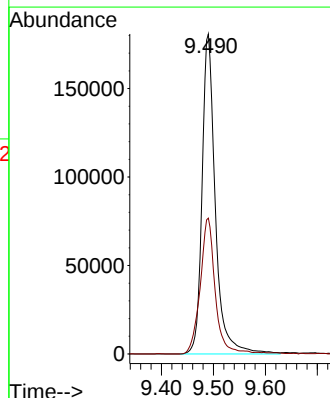
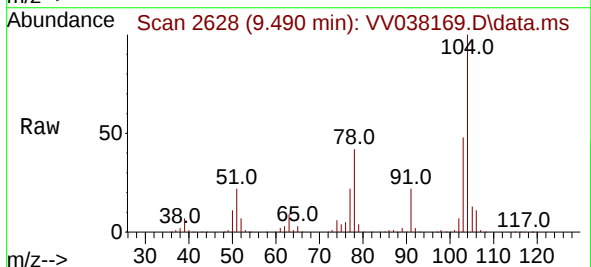
Instrument :
MSVOA_V
ClientSampleId :

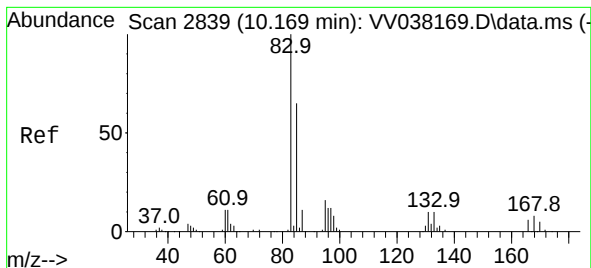
Tgt Ion:106 Resp: 169220
Ion Ratio Lower Upper
106 100
91 222.1 155.5 288.7



#55
Styrene
Concen: 5.458 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Tgt Ion:104 Resp: 321324
Ion Ratio Lower Upper
104 100
78 42.4 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.968 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

ClientSampleId :

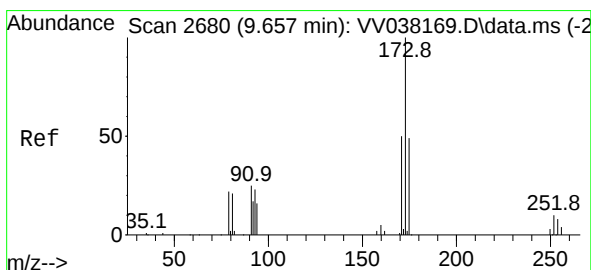
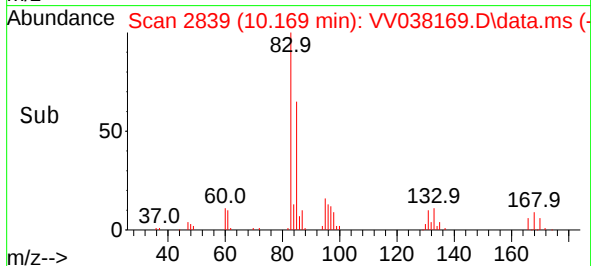
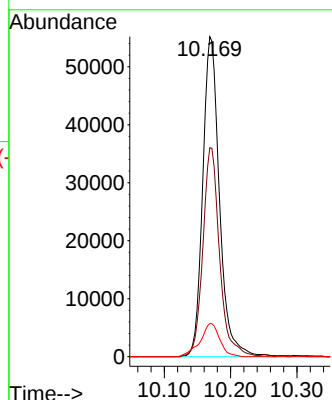
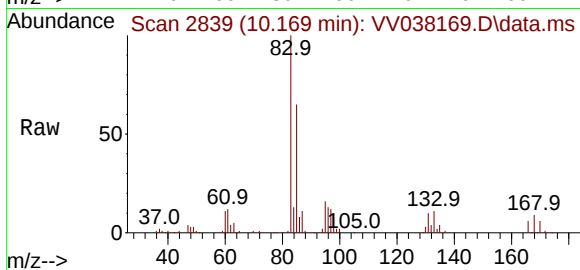
Tgt Ion: 83 Resp: 96762

Ion Ratio Lower Upper

83 100

85 65.3 45.7 84.9

131 10.3 8.2 12.4



#59

Bromoform

Concen: 4.847 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

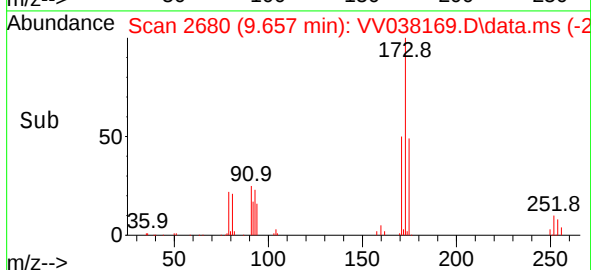
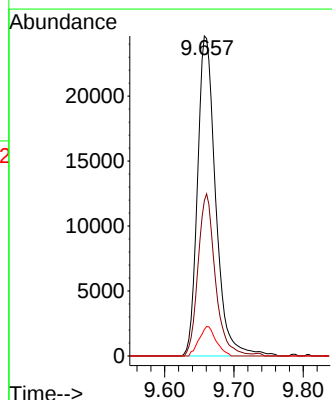
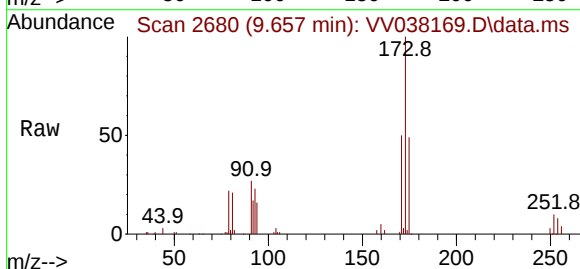
Tgt Ion: 173 Resp: 44884

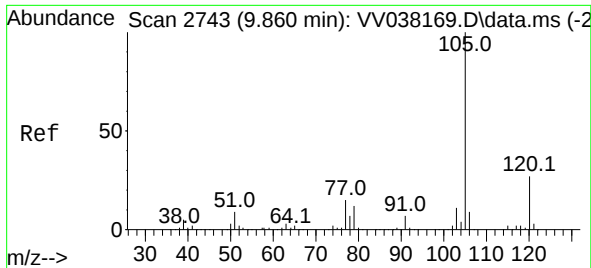
Ion Ratio Lower Upper

173 100

175 48.1 38.5 57.7

254 8.6 6.9 10.3

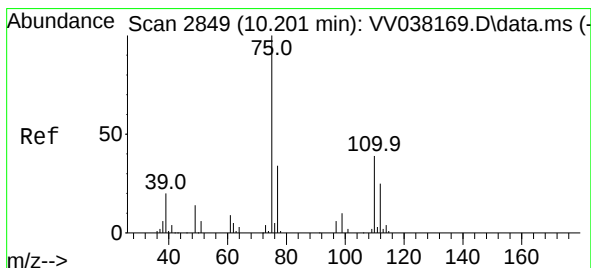
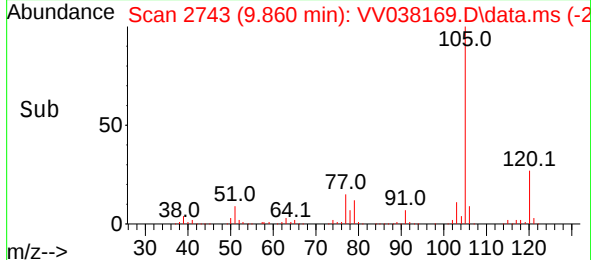
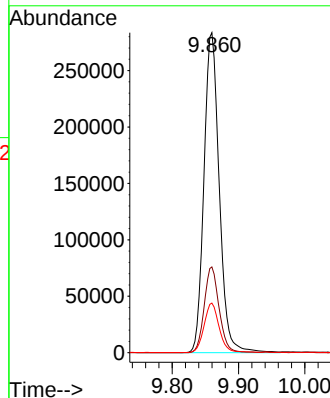
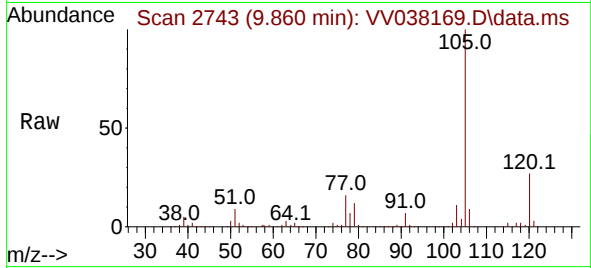




#60
Isopropylbenzene
Concen: 4.963 ug/L
RT: 9.860 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

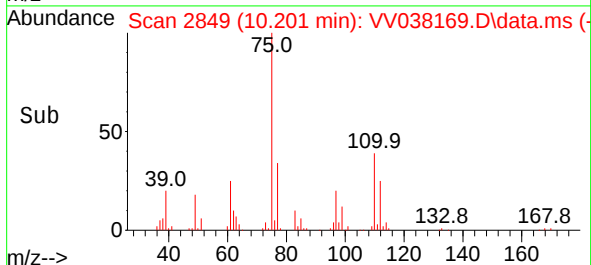
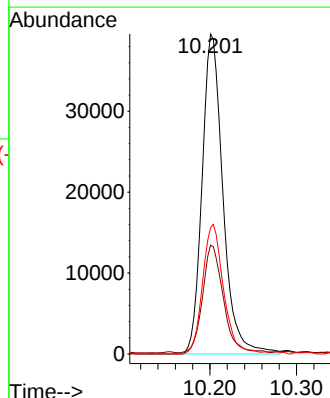
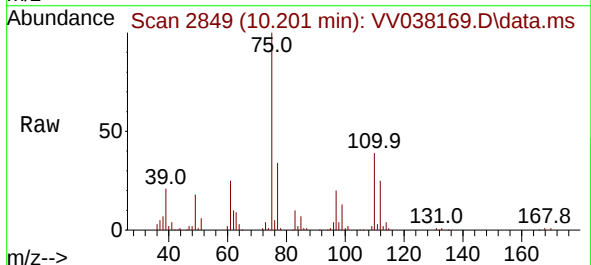
Instrument :
MSVOA_V
ClientSampleId :

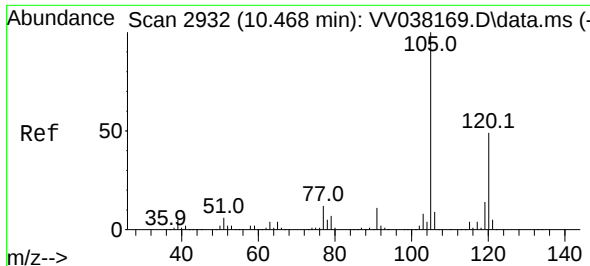
Tgt Ion:105 Resp: 454874
Ion Ratio Lower Upper
105 100
120 26.0 20.8 31.2
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.871 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038169.D
Acq: 19 Nov 2024 10:04

Tgt Ion: 75 Resp: 66361
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
110 40.4 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.820 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

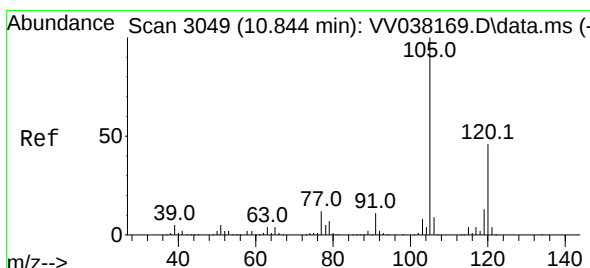
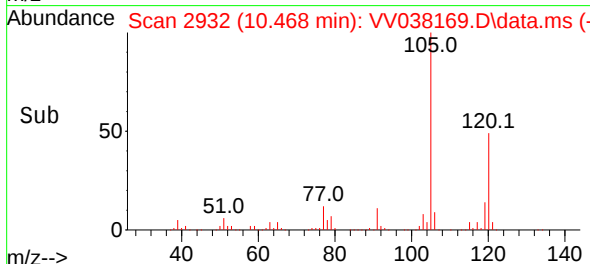
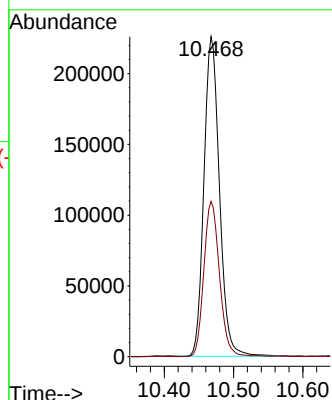
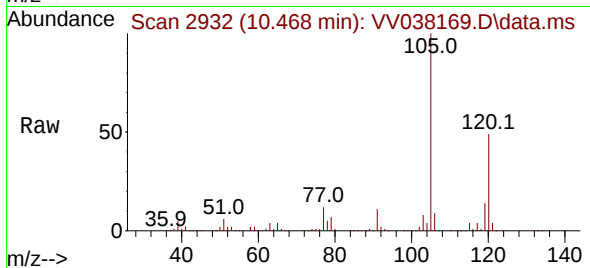
ClientSampleId :

Tgt Ion:105 Resp: 350517

Ion Ratio Lower Upper

105 100

120 49.0 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 4.928 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV038169.D

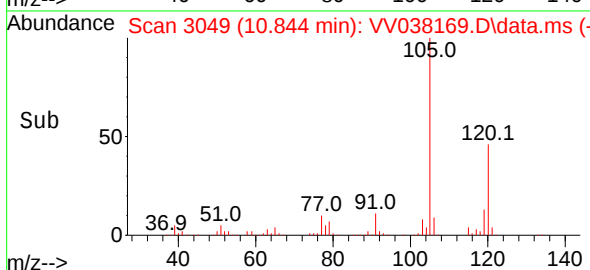
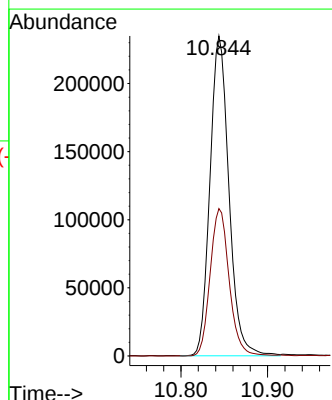
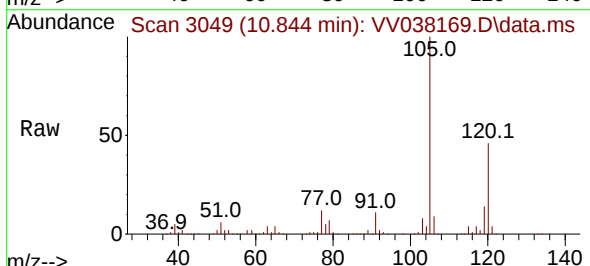
Acq: 19 Nov 2024 10:04

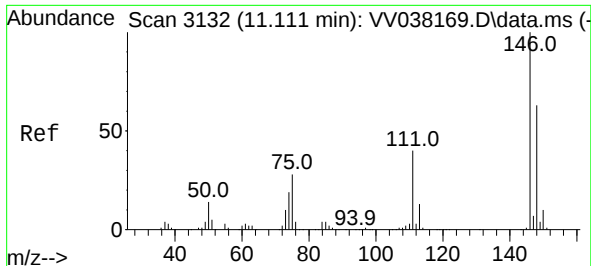
Tgt Ion:105 Resp: 357406

Ion Ratio Lower Upper

105 100

120 46.2 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 4.947 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

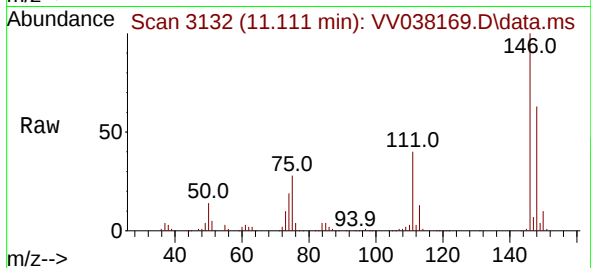
Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

ClientSampleId :



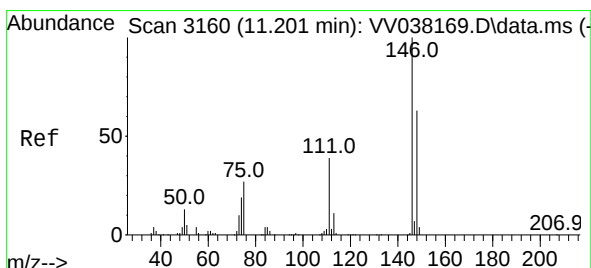
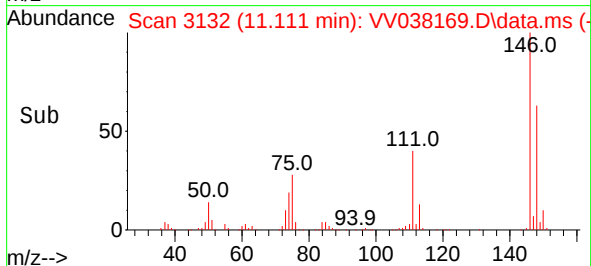
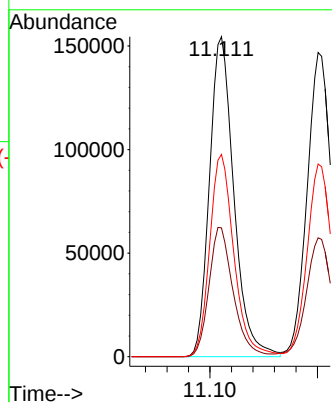
Tgt Ion:146 Resp: 243443

Ion Ratio Lower Upper

146 100

111 40.3 28.2 52.4

148 63.2 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.969 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

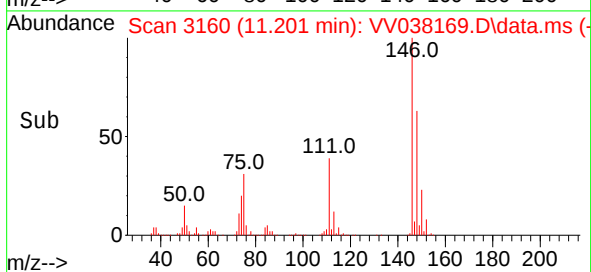
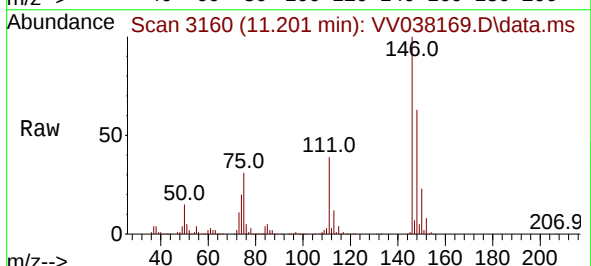
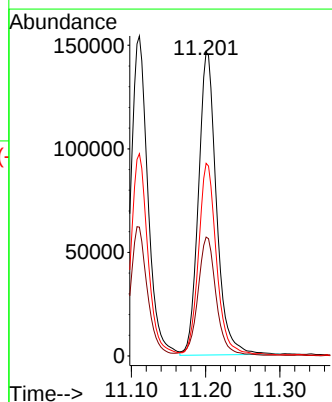
Tgt Ion:146 Resp: 247207

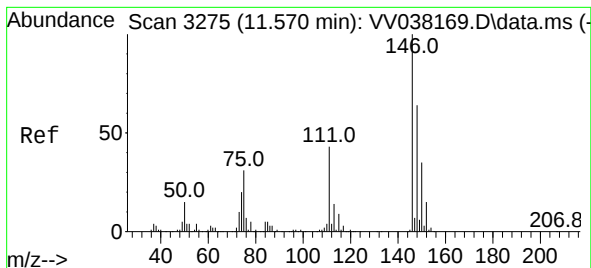
Ion Ratio Lower Upper

146 100

111 39.1 27.4 50.8

148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.944 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

ClientSampleId :

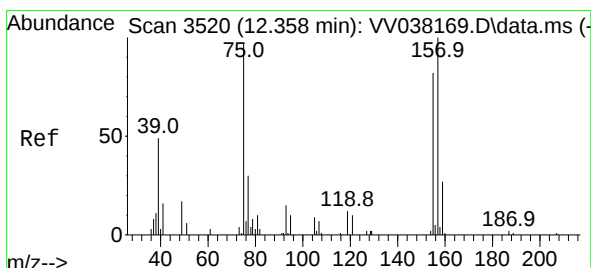
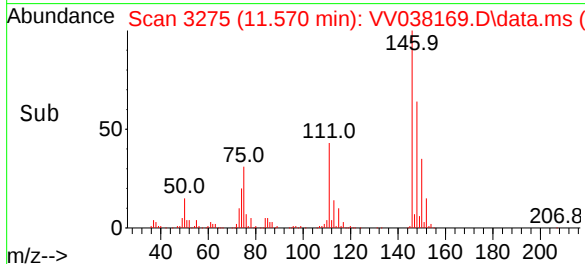
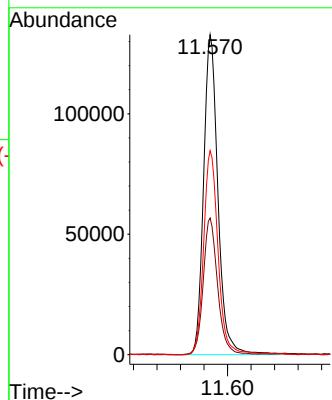
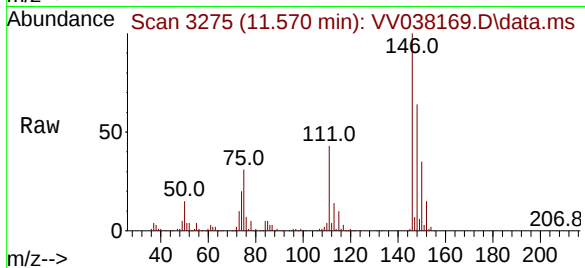
Tgt Ion:146 Resp: 225190

Ion Ratio Lower Upper

146 100

111 42.7 34.2 51.2

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.746 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

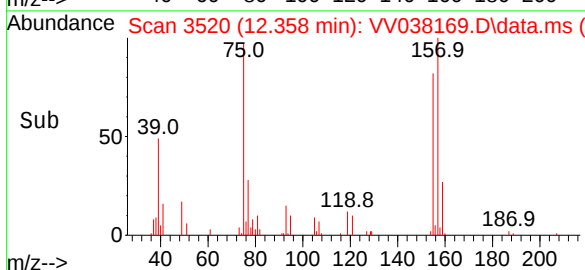
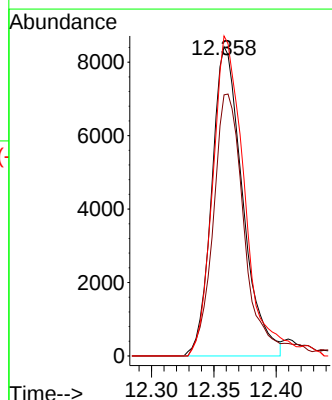
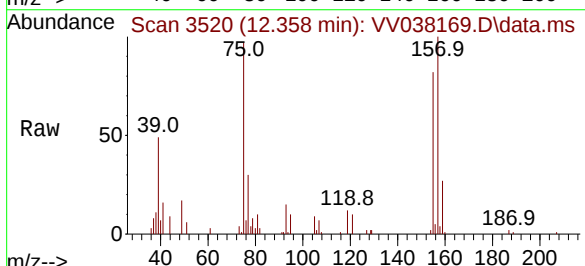
Tgt Ion: 75 Resp: 14513

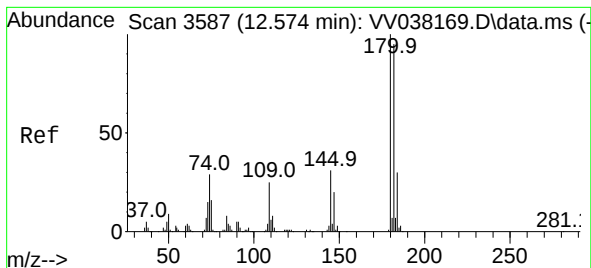
Ion Ratio Lower Upper

75 100

155 84.4 67.5 101.3

157 103.4 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.626 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 161254

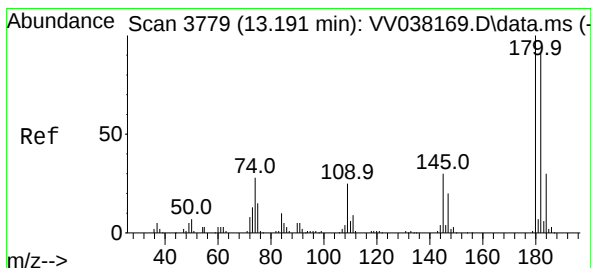
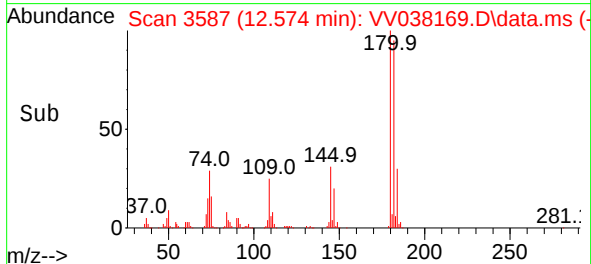
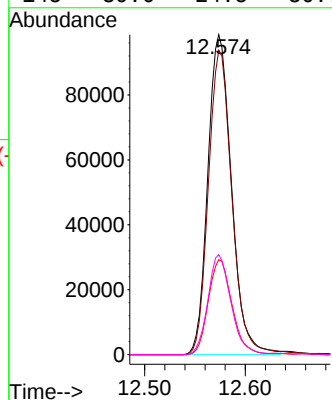
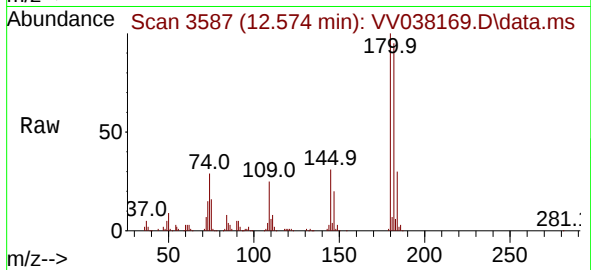
Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

184 29.6 23.7 35.5

145 30.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.565 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

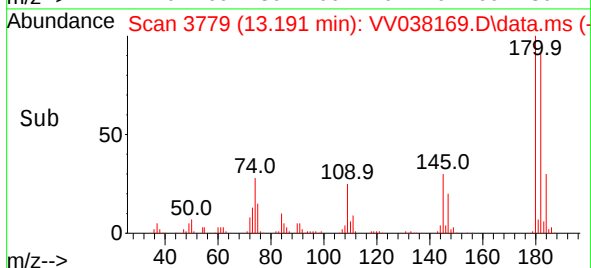
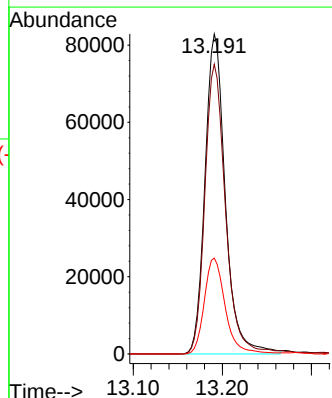
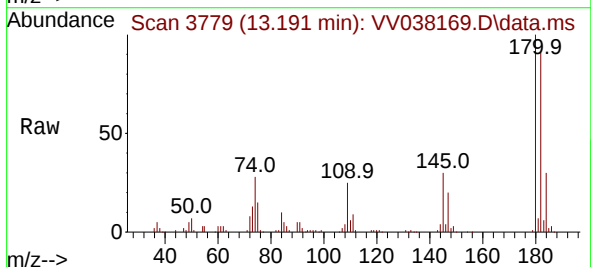
Tgt Ion:180 Resp: 131547

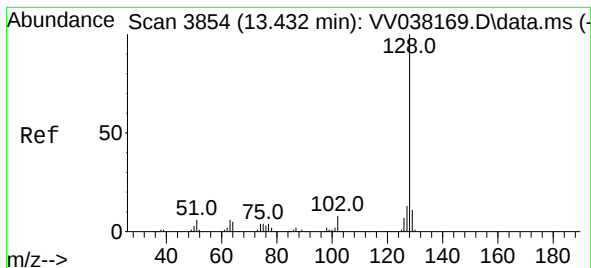
Ion Ratio Lower Upper

180 100

182 92.3 73.8 110.8

145 30.8 24.6 37.0





#71

Naphthalene

Concen: 4.018 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Instrument :

MSVOA_V

ClientSampleId :

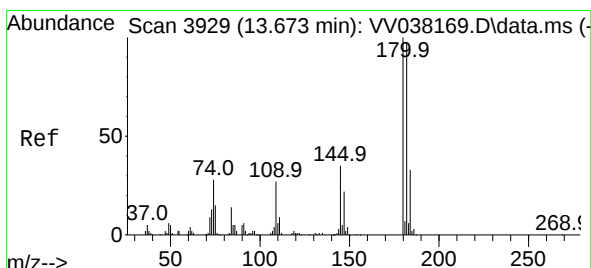
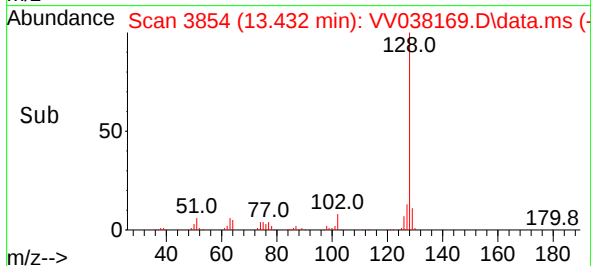
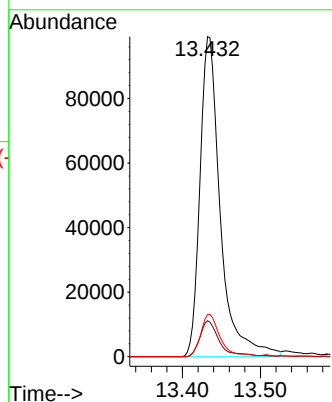
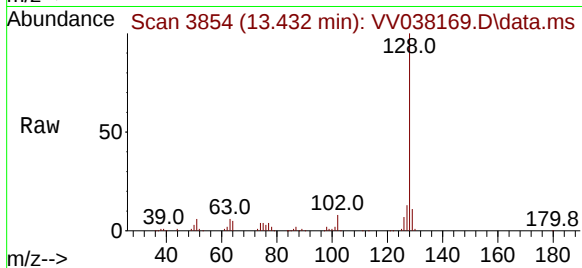
Tgt Ion:128 Resp: 180131

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

127 12.6 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.517 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038169.D

Acq: 19 Nov 2024 10:04

Tgt Ion:180 Resp: 120256

Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

145 33.7 27.0 40.4

