

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038014.D
 Acq On : 12 Nov 2024 12:00
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 23:59:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 23:59:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	275332	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	281016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	137041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	12378	0.516	ug/L	0.00
7) Chloroethane-d5	1.529	69	9796	0.501	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	5767	0.549	ug/L	0.00
20) 2-Butanone-d5	3.857	46	4513	0.863	ug/L	0.04
24) Chloroform-d	4.243	84	21569	0.477	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	9581	0.447	ug/L	0.02
32) Benzene-d6	4.960	84	38558	0.444	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	14096	0.502	ug/L	0.00
41) Toluene-d8	7.243	98	33038	0.416	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	3906	0.373	ug/L	0.03
46) 2-Hexanone-d5	8.037	63	13921	2.928	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	9882	0.439	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	13631	0.478	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	15512	0.517	ug/L	99
3) Chloromethane	1.211	50	14241	0.511	ug/L	99
5) Vinyl chloride	1.278	62	14266	0.510	ug/L	95
6) Bromomethane	1.484	94	9439	0.530	ug/L	95
8) Chloroethane	1.545	64	8680	0.512	ug/L	99
9) Trichlorofluoromethane	1.709	101	19499	0.505	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	11524	0.517	ug/L	99
12) 1,1-Dichloroethene	2.063	96	10682	0.510	ug/L	89
13) Acetone	2.134	43	23725	6.044	ug/L	96
14) Carbon disulfide	2.233	76	34298	0.500	ug/L #	94
15) Methyl Acetate	2.394	43	2693	0.335	ug/L #	88
16) Methylene chloride	2.439	84	13992	0.564	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	22024	0.432	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	11020	0.487	ug/L	99
19) 1,1-Dichloroethane	3.108	63	19837	0.488	ug/L #	89
21) 2-Butanone	4.060	43	359	0.074	ug/L	77
22) cis-1,2-Dichloroethene	3.818	96	11048	0.464	ug/L	97
23) Bromochloromethane	4.156	128	4881	0.446	ug/L	89
25) Chloroform	4.278	83	21124	0.492	ug/L	94
27) 1,2-Dichloroethane	5.050	62	10989	0.455	ug/L #	94
29) 1,1,1-Trichloroethane	4.503	97	18250	0.481	ug/L	97
30) Cyclohexane	4.571	56	14777	0.440	ug/L	98
31) Carbon tetrachloride	4.725	117	15806	0.478	ug/L	97
33) Benzene	5.011	78	39238	0.439	ug/L	100
34) Trichloroethene	5.838	95	11663	0.477	ug/L	89
35) Methylcyclohexane	6.040	83	16994	0.461	ug/L	93
37) 1,2-Dichloropropane	6.095	63	10312	0.466	ug/L	98
38) Bromodichloromethane	6.432	83	13185	0.449	ug/L	96
39) cis-1,3-Dichloropropene	6.966	75	13336	0.405	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	43142	3.589	ug/L	94
42) Toluene	7.317	91	38883	0.416	ug/L	100
44) trans-1,3-Dichloropropene	7.596	75	11228	0.408	ug/L	98

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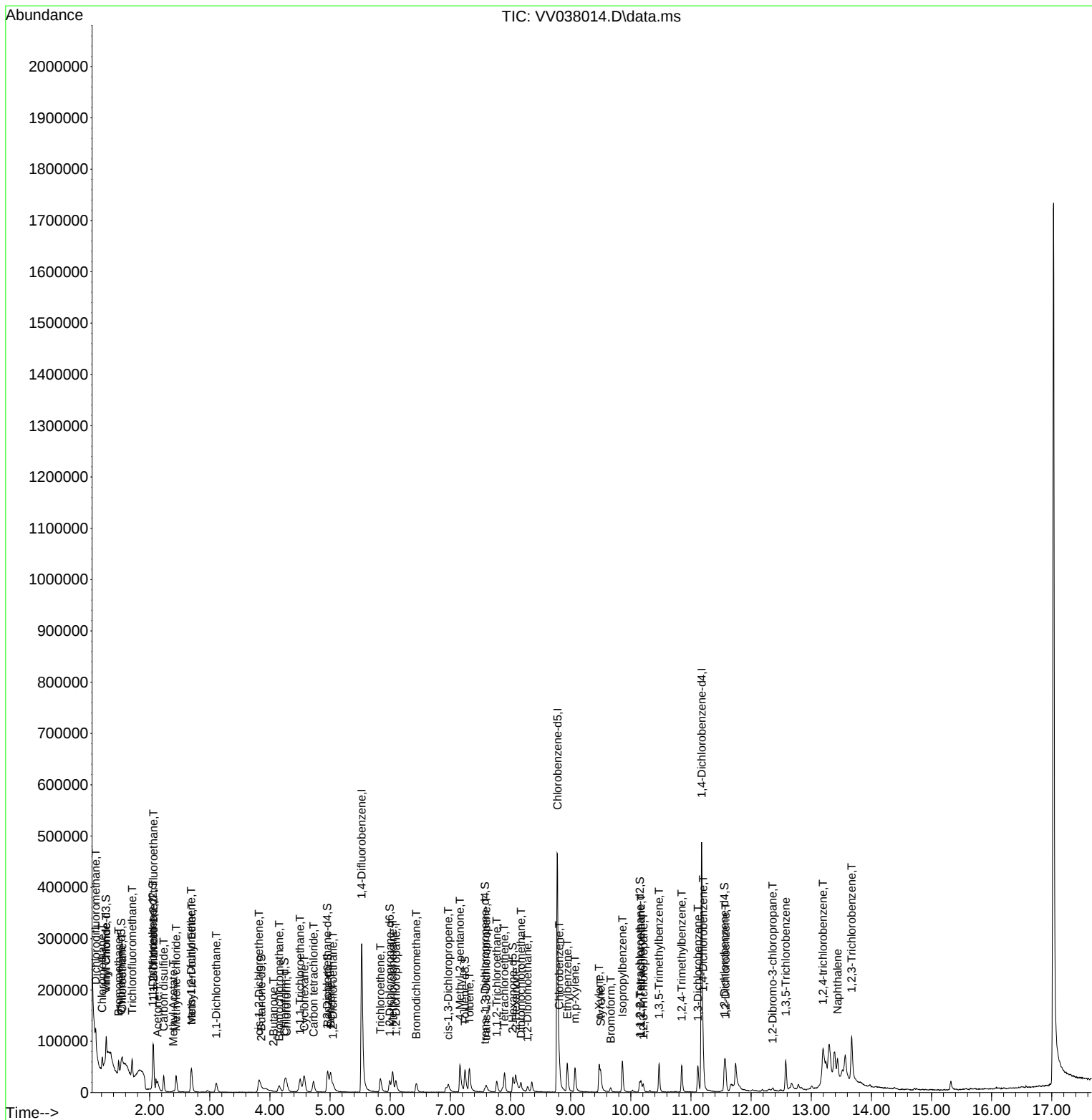
Quant Time: Nov 12 23:59:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 12 23:59:24 2024
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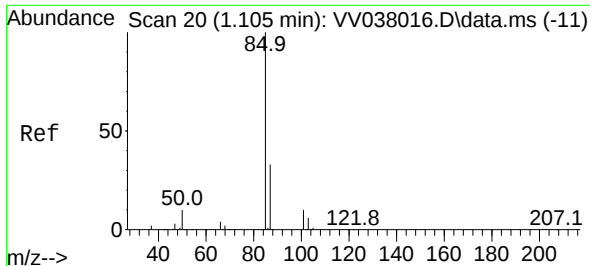
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	7865	0.443	ug/L	96
47) Tetrachloroethene	7.899	164	8916	0.465	ug/L	92
48) 2-Hexanone	8.088	43	24471	2.963	ug/L #	95
49) Dibromochloromethane	8.175	129	8756	0.458	ug/L	100
50) 1,2-Dibromoethane	8.284	107	7317	0.435	ug/L #	95
51) Chlorobenzene	8.812	112	29566	0.465	ug/L	98
52) Ethylbenzene	8.944	91	41779	0.412	ug/L	95
53) m,p-Xylene	9.072	106	15089	0.395	ug/L	99
54) o-Xylene	9.474	106	14529	0.393	ug/L	97
55) Styrene	9.500	104	25113	0.390	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.172	83	9248	0.437	ug/L #	89
59) Bromoform	9.667	173	4006	0.445	ug/L #	93
60) Isopropylbenzene	9.860	105	39504	0.432	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	6568	0.491	ug/L #	95
62) 1,3,5-Trimethylbenzene	10.471	105	30952	0.423	ug/L	97
63) 1,2,4-Trimethylbenzene	10.847	105	29256	0.399	ug/L	93
64) 1,3-Dichlorobenzene	11.117	146	22544	0.478	ug/L	96
65) 1,4-Dichlorobenzene	11.204	146	24197	0.499	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	20943	0.475	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	1284	0.423	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.577	180	18050	0.520	ug/L	97
70) 1,2,4-trichlorobenzene	13.194	180	15003	0.487	ug/L	94
71) Naphthalene	13.439	128	28127	0.502	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	14517	0.500	ug/L	96

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

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QLast Update : Tue Nov 12 23:59:24 2024
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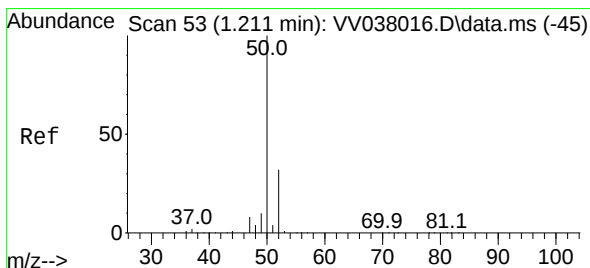
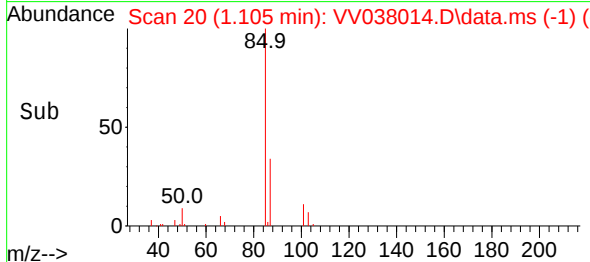
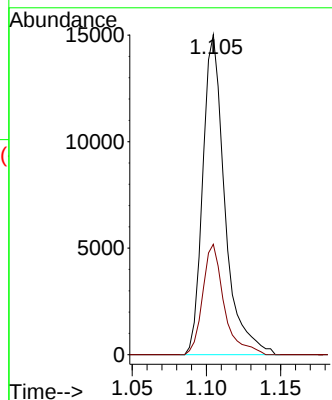
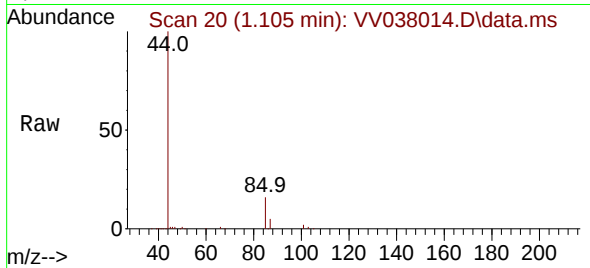




#2
 Dichlorodifluoromethane
 Concen: 0.517 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038014.D
 Acq: 12 Nov 2024 12:00

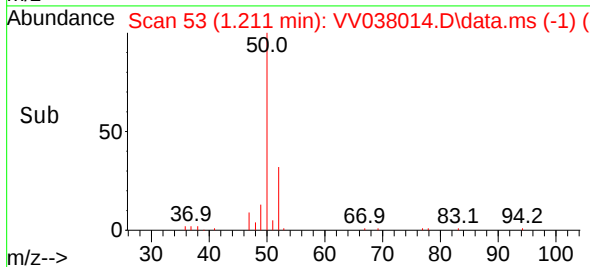
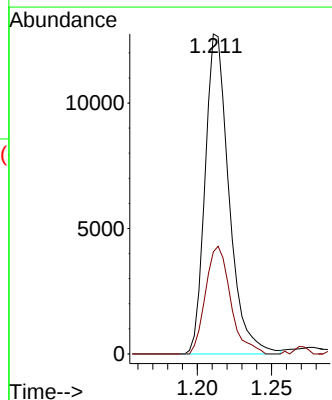
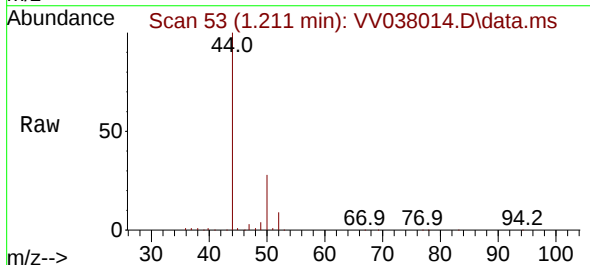
Instrument :
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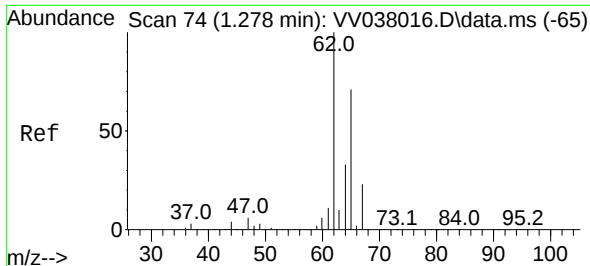
Tgt Ion: 85 Resp: 15512
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.4 39.6



#3
 Chloromethane
 Concen: 0.511 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV038014.D
 Acq: 12 Nov 2024 12:00

Tgt Ion: 50 Resp: 14241
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.6 42.0

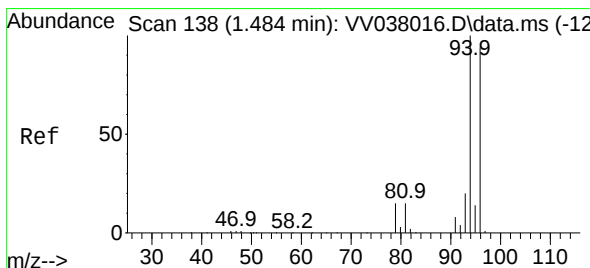
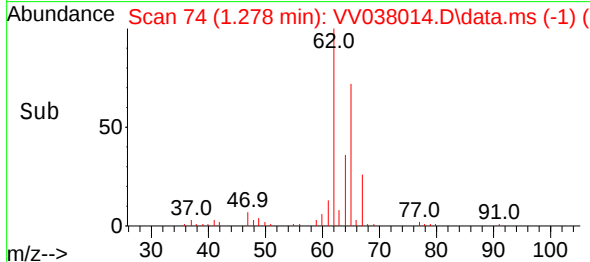
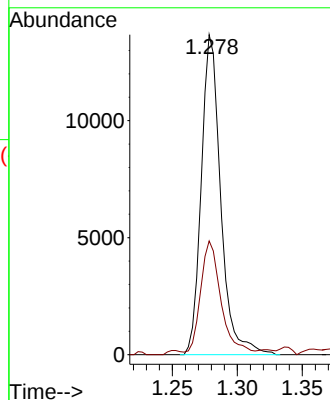
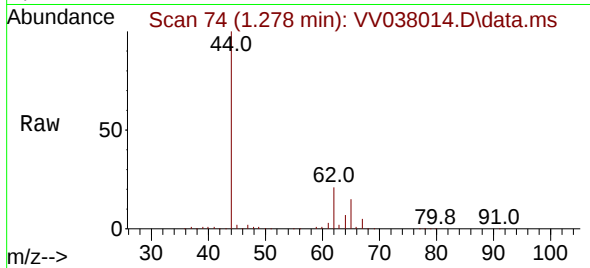




#5
 Vinyl chloride
 Concen: 0.510 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038014.D
 Acq: 12 Nov 2024 12:00

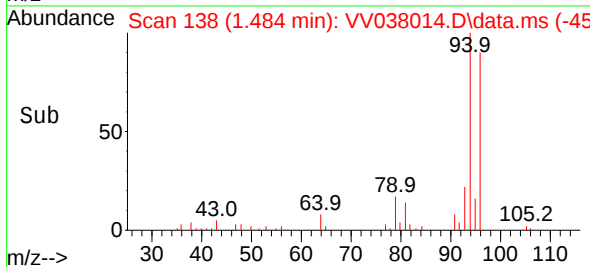
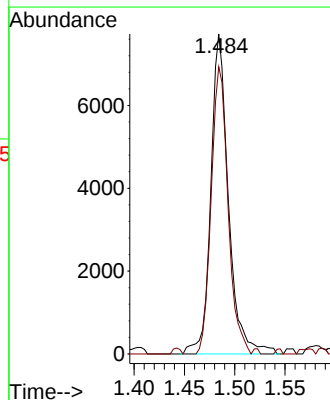
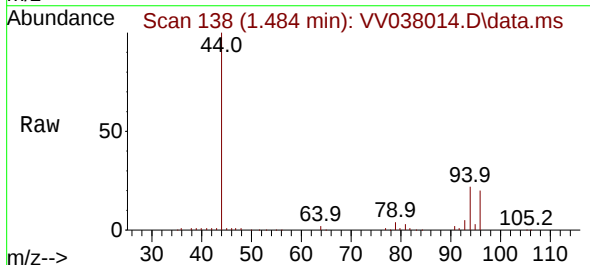
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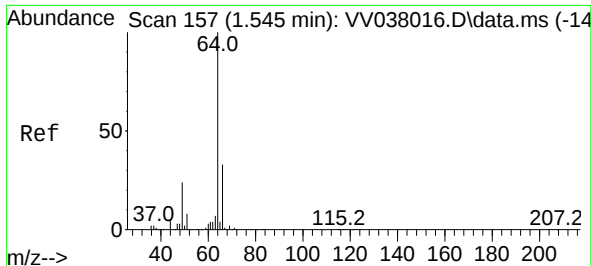
Tgt Ion: 62 Resp: 14266
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.0 42.6



#6
 Bromomethane
 Concen: 0.530 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV038014.D
 Acq: 12 Nov 2024 12:00

Tgt Ion: 94 Resp: 9439
 Ion Ratio Lower Upper
 94 100
 96 89.8 66.0 122.6

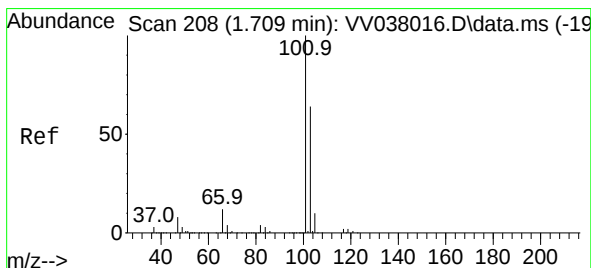
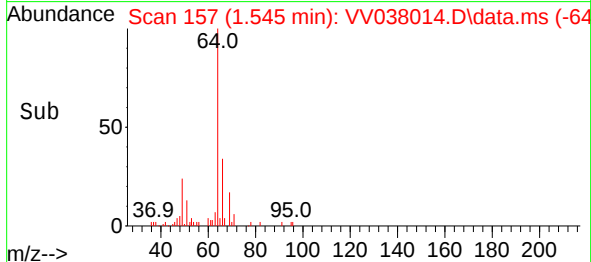
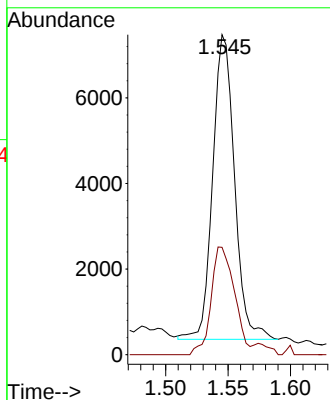
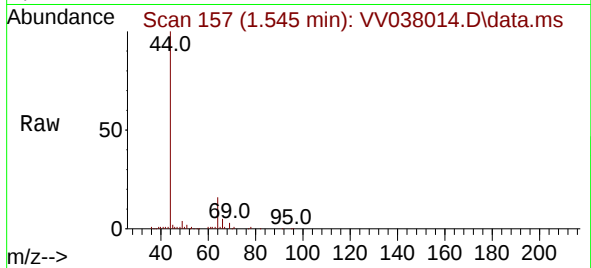




#8
Chloroethane
Concen: 0.512 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

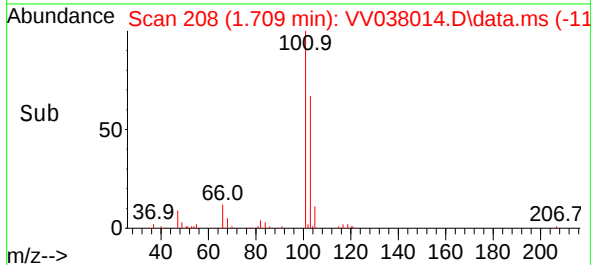
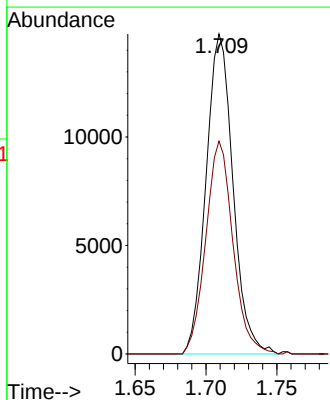
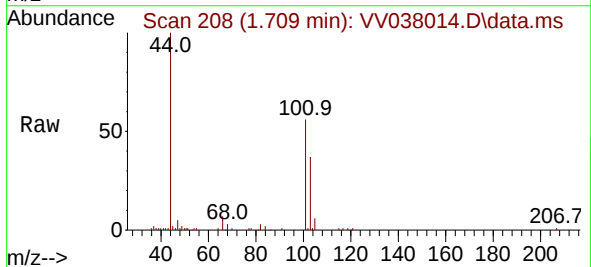
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ClientSampleId :

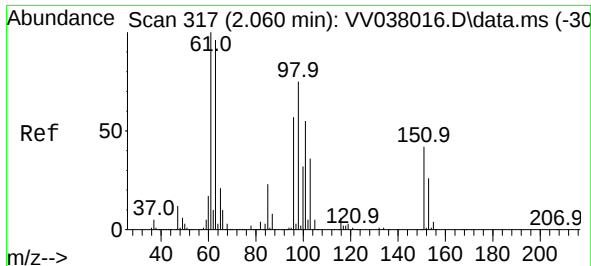
Tgt Ion: 64 Resp: 8680
Ion Ratio Lower Upper
64 100
66 33.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 0.505 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Tgt Ion:101 Resp: 19499
Ion Ratio Lower Upper
101 100
103 67.1 50.9 76.3

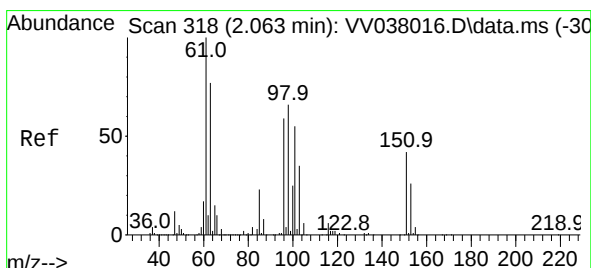
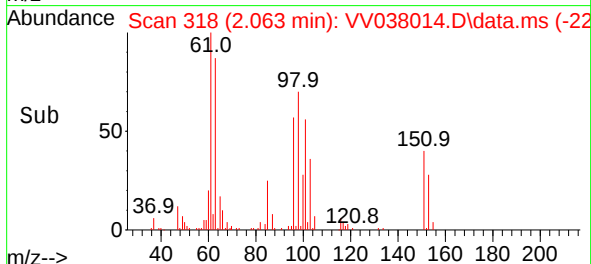
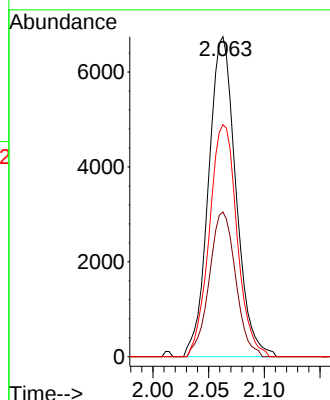
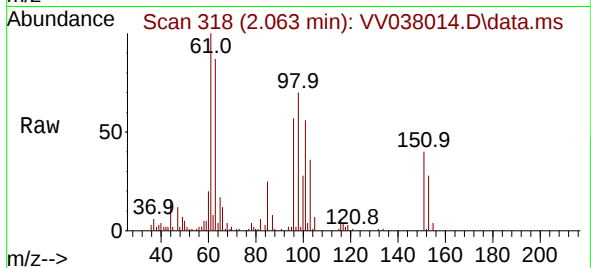




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.517 ug/L
RT: 2.063 min Scan# 317
Delta R.T. 0.003 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

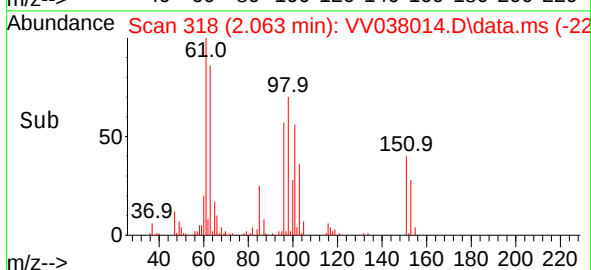
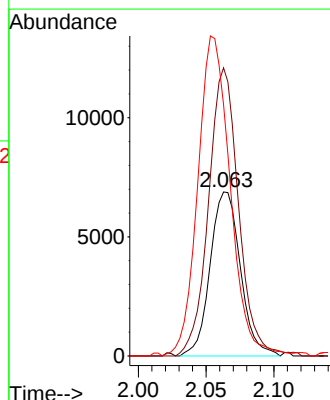
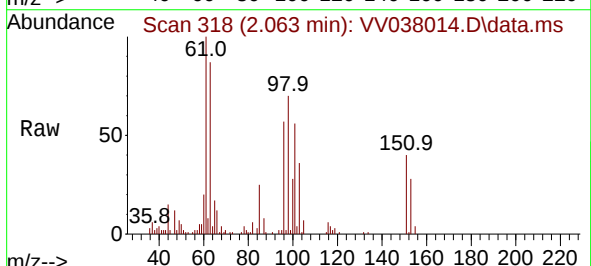
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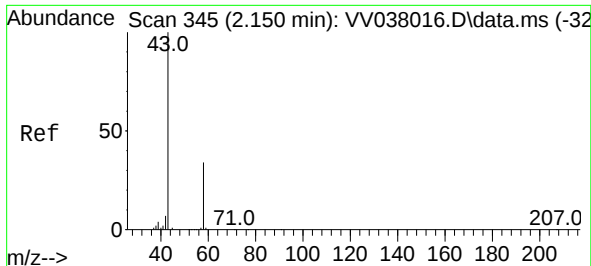
Tgt Ion:101 Resp: 11524
Ion Ratio Lower Upper
101 100
85 43.6 33.7 50.5
151 73.4 59.0 88.6



#12
1,1-Dichloroethene
Concen: 0.510 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Tgt Ion: 96 Resp: 10682
Ion Ratio Lower Upper
96 100
61 175.7 118.1 219.3
63 153.2 91.4 169.8





#13

Acetone

Concen: 6.044 ug/L

RT: 2.134 min Scan# 345

Delta R.T. -0.016 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

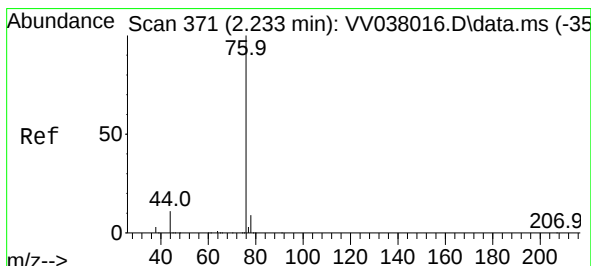
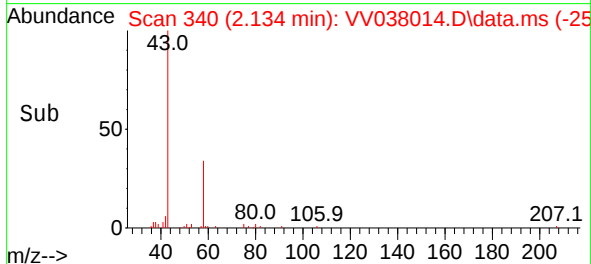
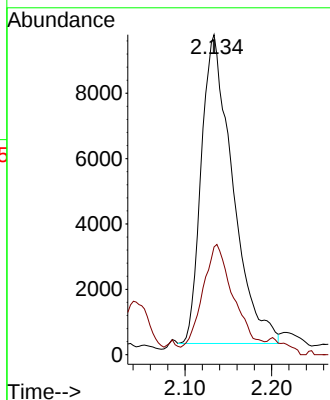
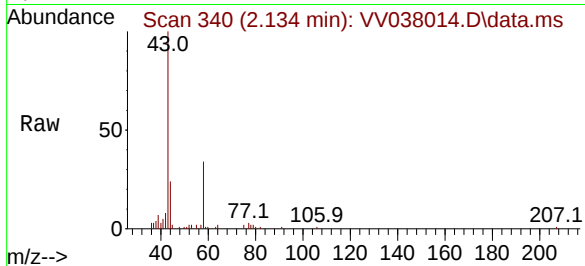
ClientSampleId :

Tgt Ion: 43 Resp: 23725

Ion Ratio Lower Upper

43 100

58 37.4 0.0 70.0



#14

Carbon disulfide

Concen: 0.500 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV038014.D

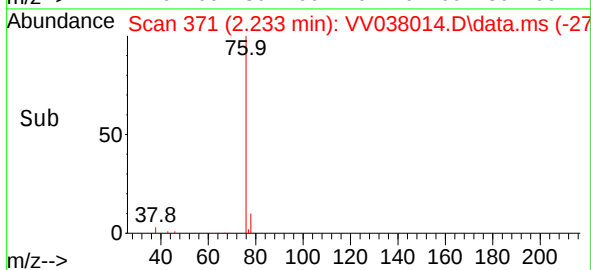
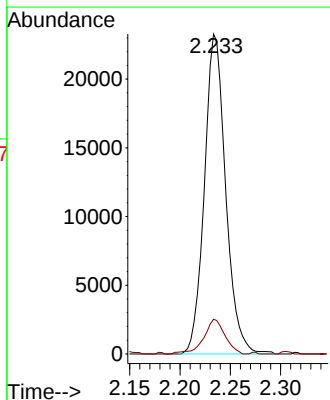
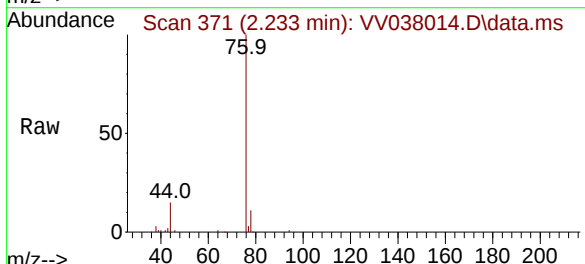
Acq: 12 Nov 2024 12:00

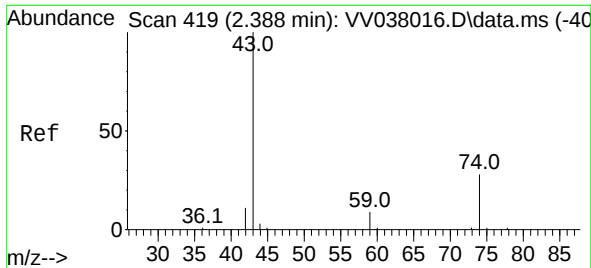
Tgt Ion: 76 Resp: 34298

Ion Ratio Lower Upper

76 100

78 11.3 7.4 11.0#

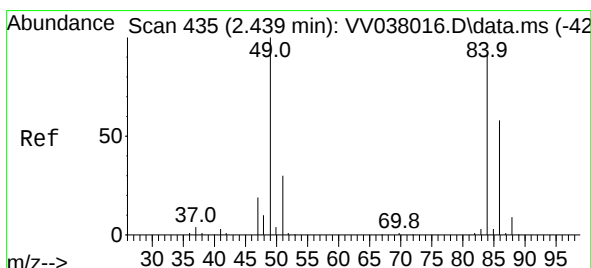
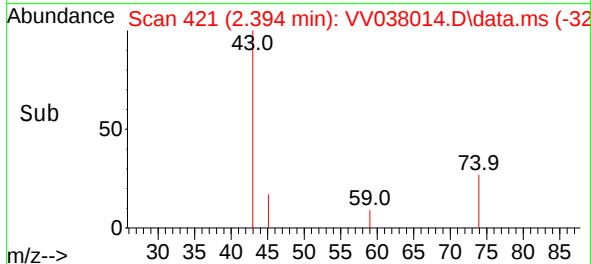
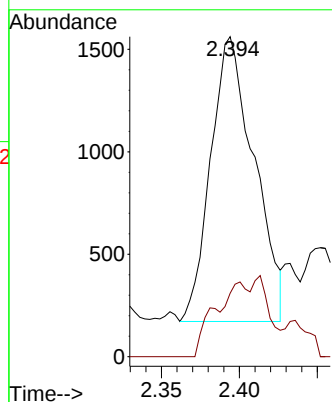
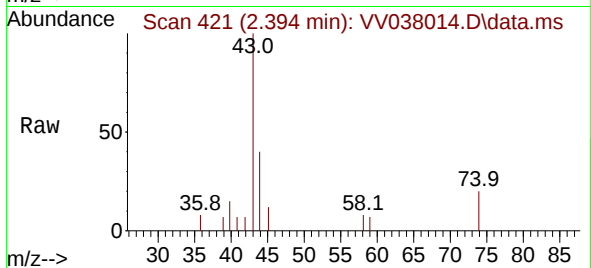




#15
Methyl Acetate
Concen: 0.335 ug/L
RT: 2.394 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

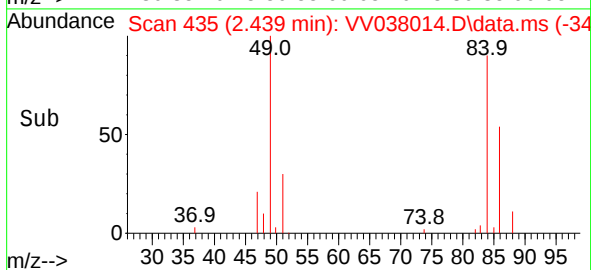
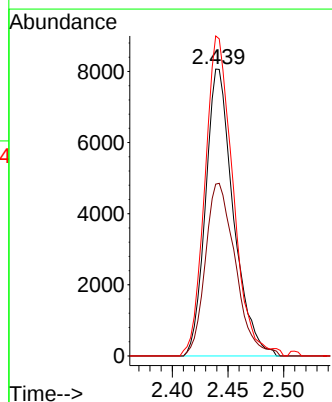
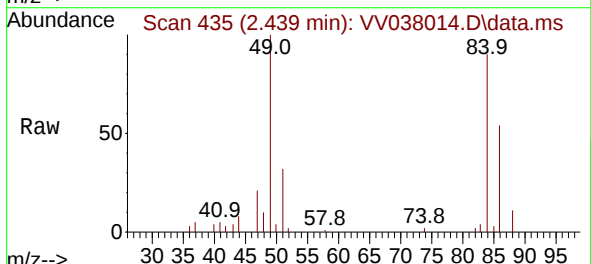
Instrument :
MSVOA_V
ClientSampleId :

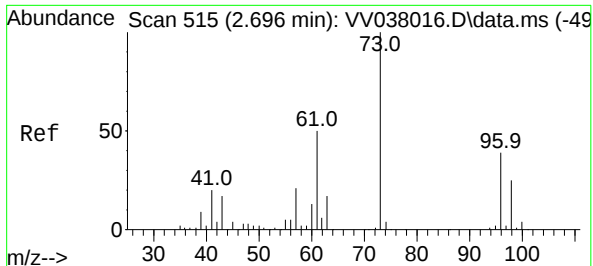
Tgt Ion: 43 Resp: 2693
Ion Ratio Lower Upper
43 100
74 20.8 21.7 32.5#



#16
Methylene chloride
Concen: 0.564 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Tgt Ion: 84 Resp: 13992
Ion Ratio Lower Upper
84 100
86 59.9 44.4 82.5
49 111.5 77.1 143.3

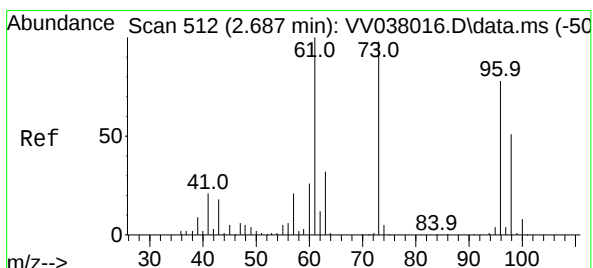
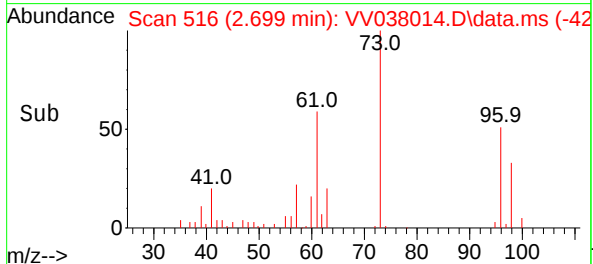
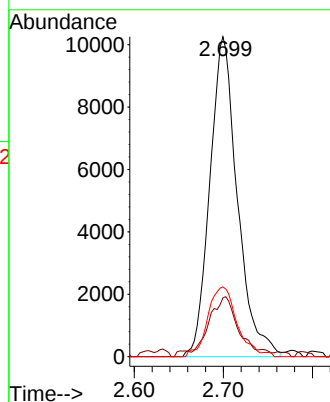
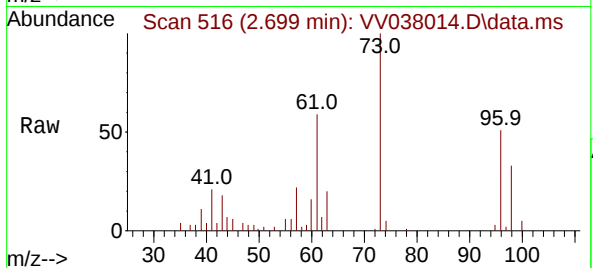




#17
Methyl tert-butyl Ether
Concen: 0.432 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

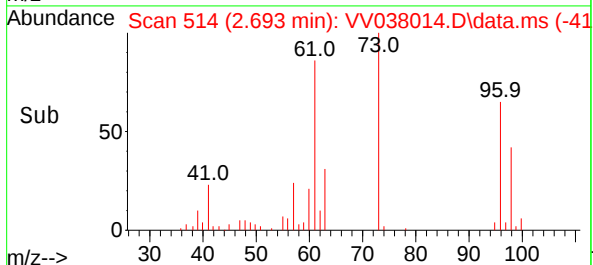
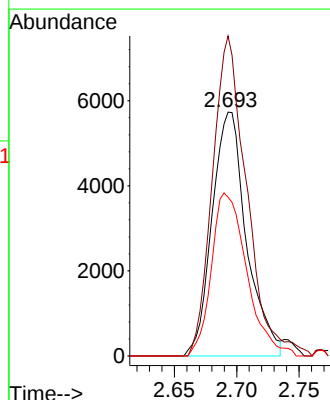
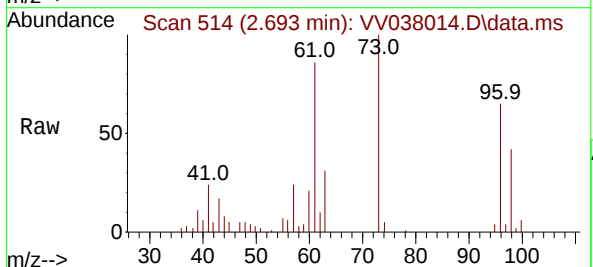
Instrument :
MSVOA_V
ClientSampleId :

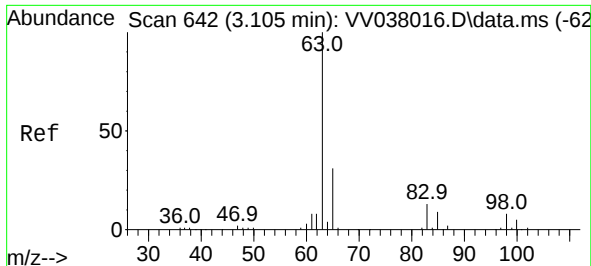
Tgt Ion: 73 Resp: 22024
Ion Ratio Lower Upper
73 100
43 19.1 14.1 21.1
57 22.9 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 0.487 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Tgt Ion: 96 Resp: 11020
Ion Ratio Lower Upper
96 100
61 131.2 90.2 167.6
98 65.1 45.7 84.9

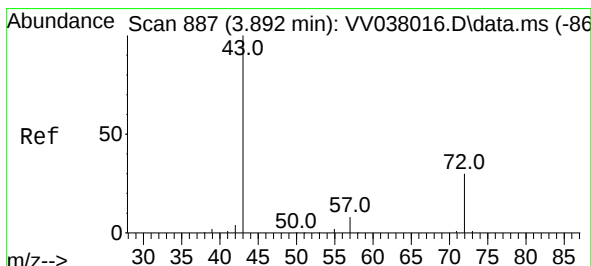
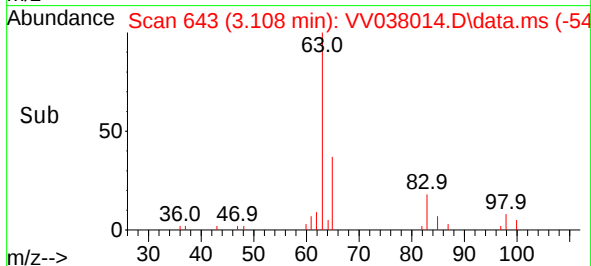
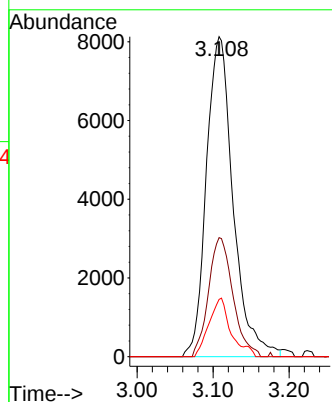
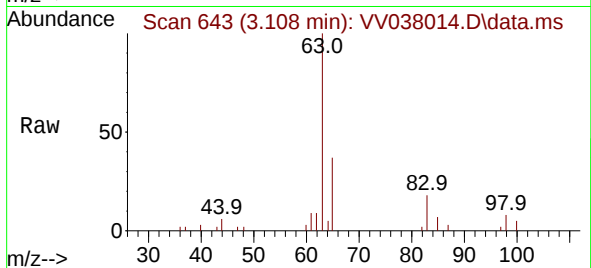




#19
1,1-Dichloroethane
Concen: 0.488 ug/L
RT: 3.108 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

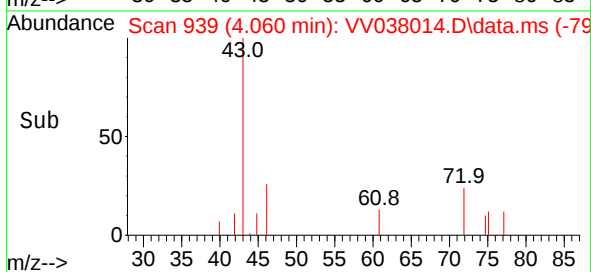
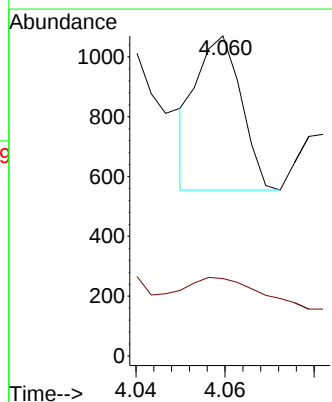
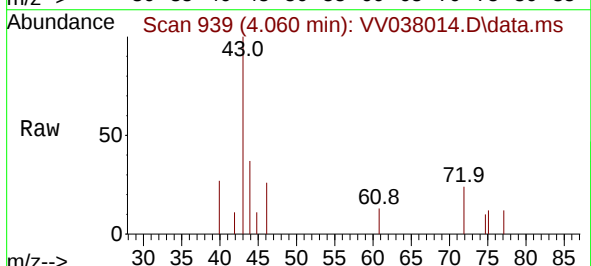
Instrument :
MSVOA_V
ClientSampleId :

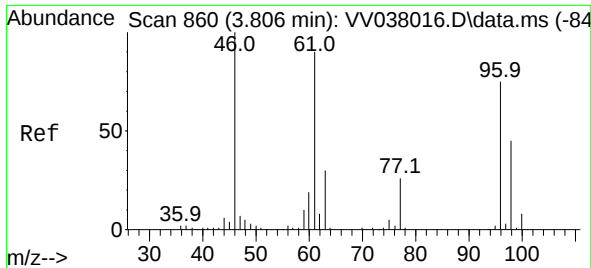
Tgt Ion: 63 Resp: 19837
Ion Ratio Lower Upper
63 100
65 37.2 22.0 40.8
83 17.9 9.2 17.2#



#21
2-Butanone
Concen: 0.074 ug/L
RT: 4.060 min Scan# 939
Delta R.T. 0.167 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Tgt Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
72 40.4 14.2 42.6

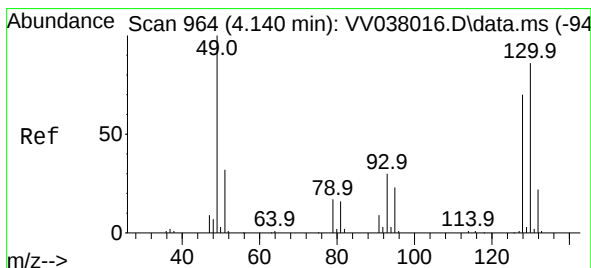
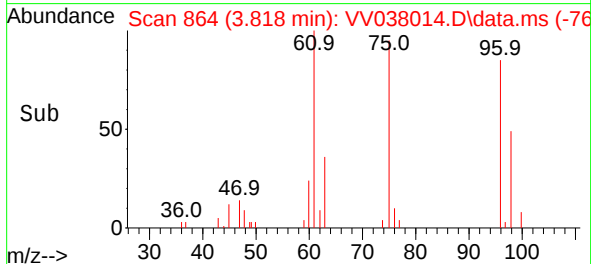
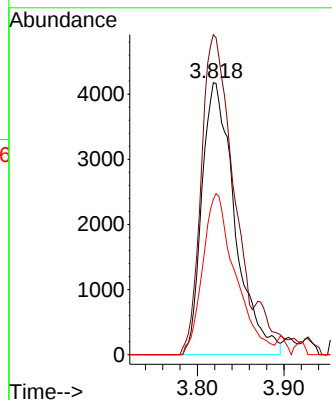
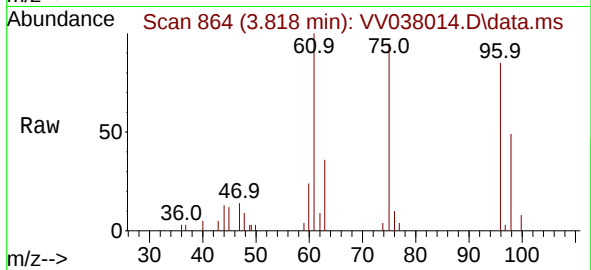




#22
cis-1,2-Dichloroethene
Concen: 0.464 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.013 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

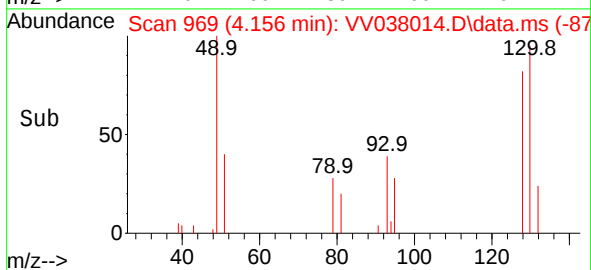
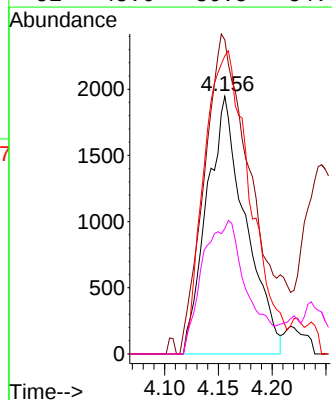
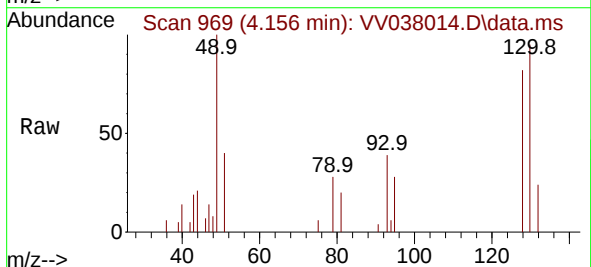
Instrument :
MSVOA_V
ClientSampleId :

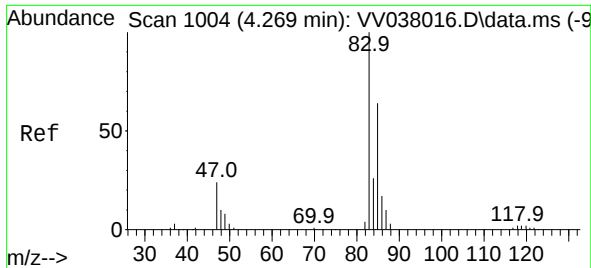
Tgt Ion: 96 Resp: 11048
Ion Ratio Lower Upper
96 100
61 117.6 84.1 156.3
98 57.1 42.6 79.0



#23
Bromochloromethane
Concen: 0.446 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.016 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Tgt Ion:128 Resp: 4881
Ion Ratio Lower Upper
128 100
49 121.9 100.4 186.4
130 115.7 86.1 159.9
51 48.6 36.5 54.7





#25

Chloroform

Concen: 0.492 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

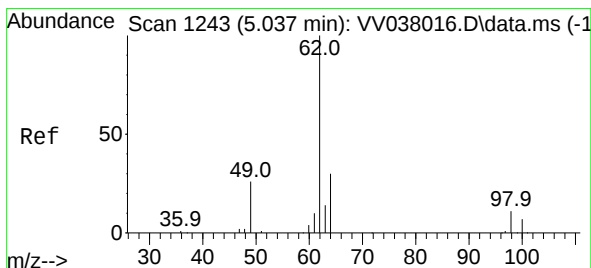
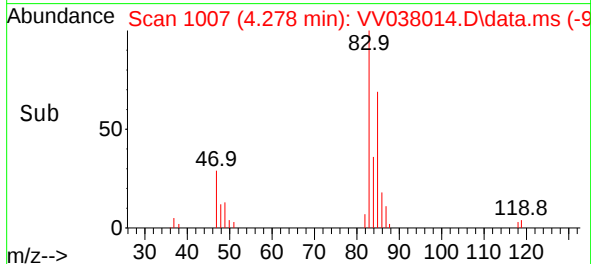
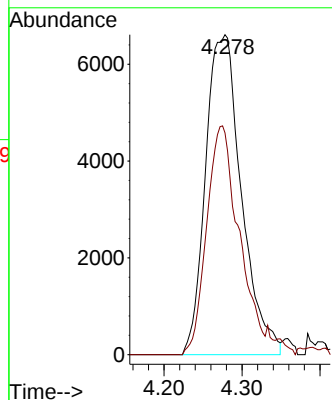
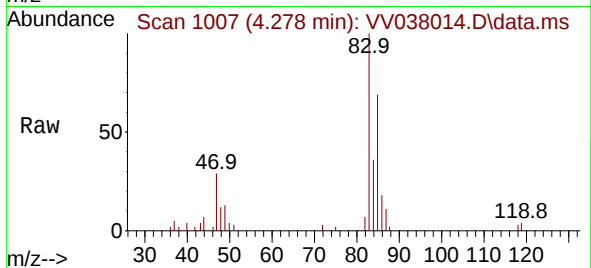
ClientSampleId :

Tgt Ion: 83 Resp: 21124

Ion Ratio Lower Upper

83 100

85 69.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.455 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.013 min

Lab File: VV038014.D

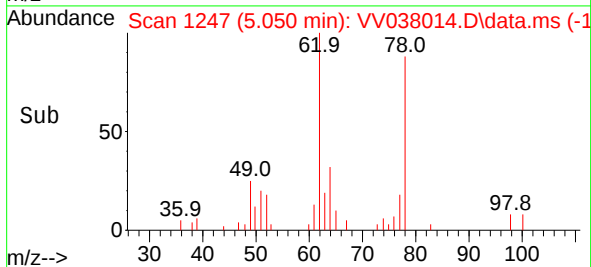
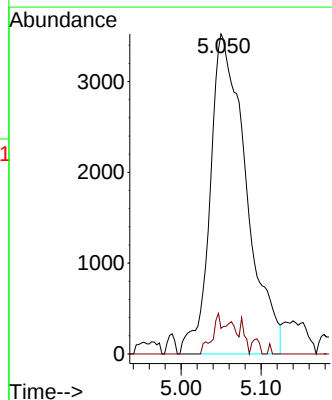
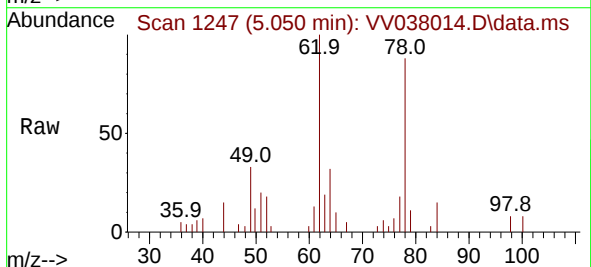
Acq: 12 Nov 2024 12:00

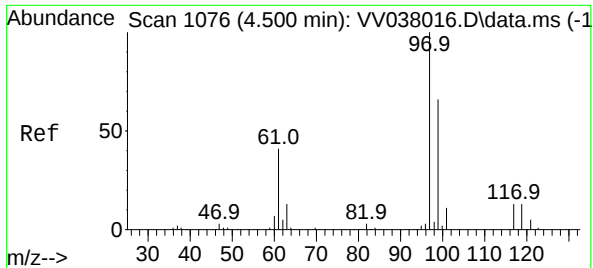
Tgt Ion: 62 Resp: 10989

Ion Ratio Lower Upper

62 100

98 8.0 8.3 12.5#

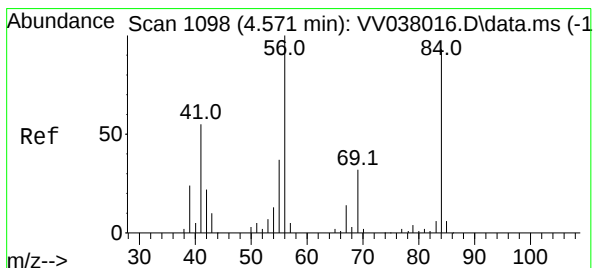
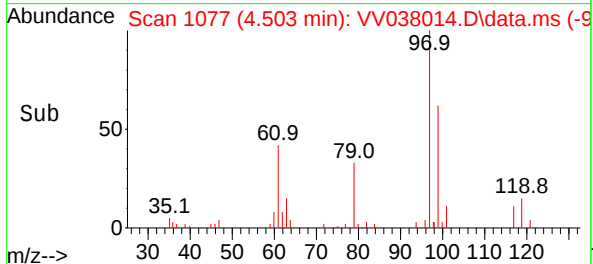
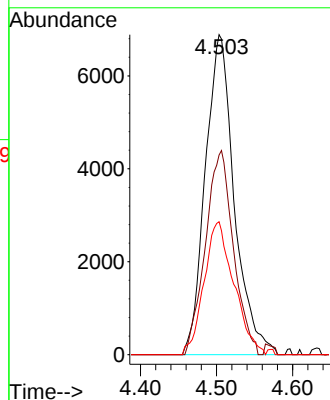
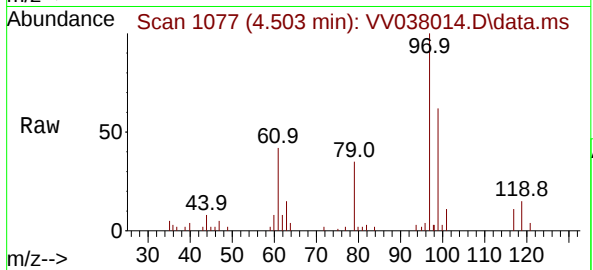




#29
1,1,1-Trichloroethane
Concen: 0.481 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

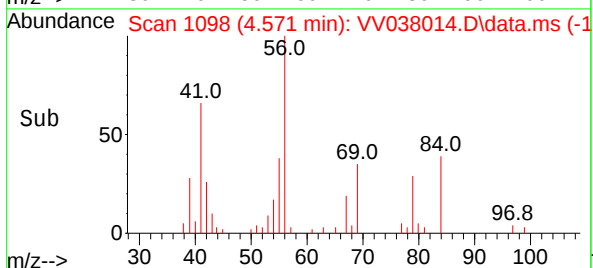
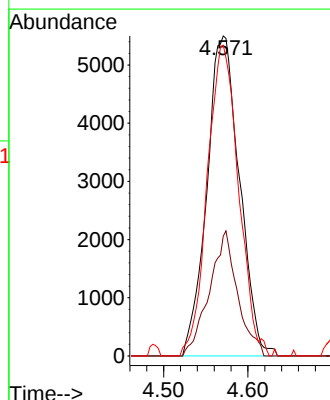
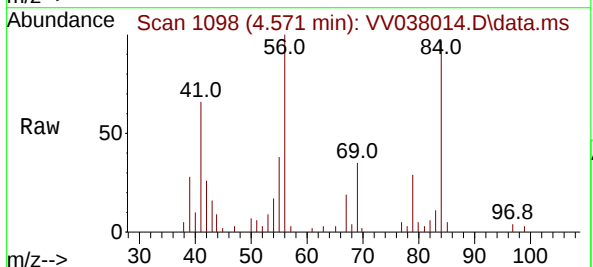
Instrument :
MSVOA_V
ClientSampleId :

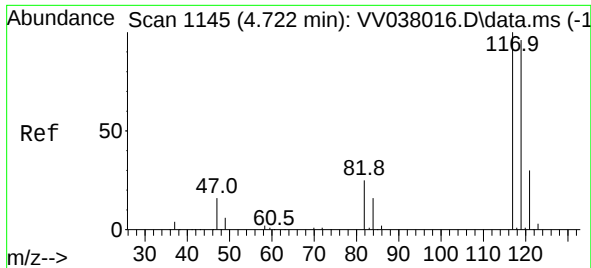
Tgt Ion: 97 Resp: 18250
Ion Ratio Lower Upper
97 100
99 61.6 52.3 78.5
61 42.8 33.6 50.4



#30
Cyclohexane
Concen: 0.440 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Tgt Ion: 56 Resp: 14777
Ion Ratio Lower Upper
56 100
69 33.8 25.4 38.2
84 93.0 75.7 113.5

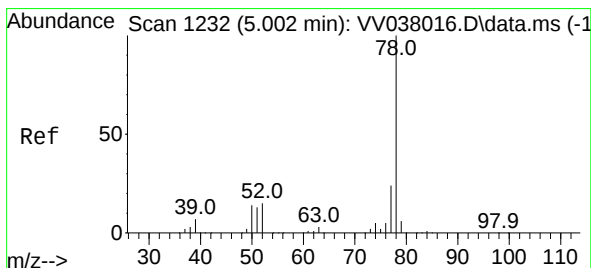
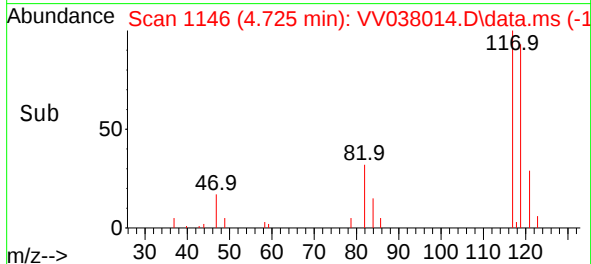
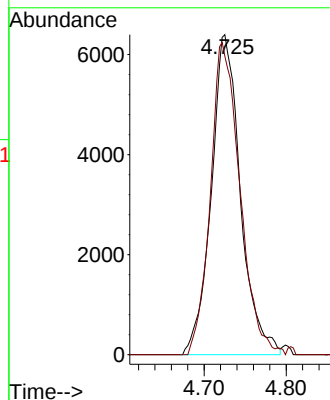
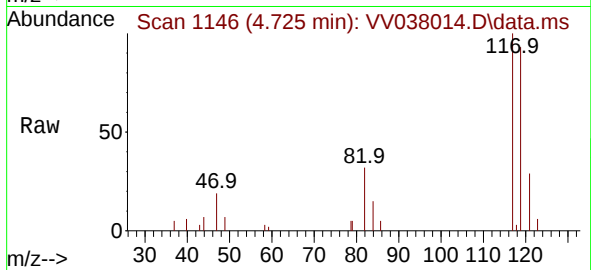




#31
Carbon tetrachloride
Concen: 0.478 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

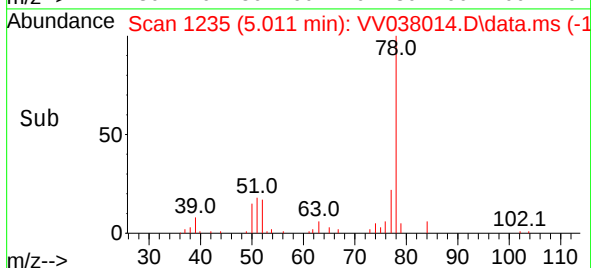
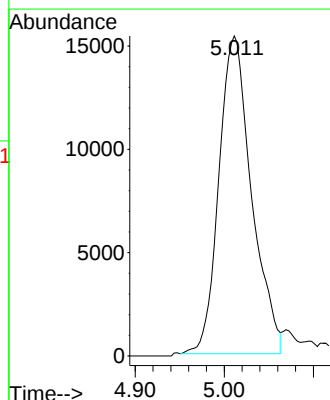
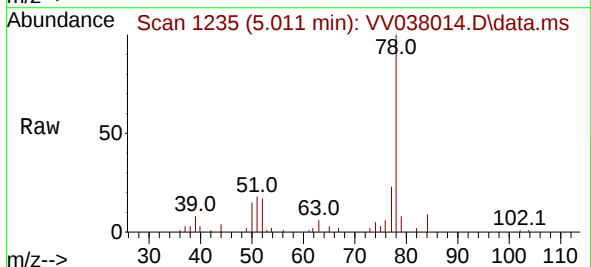
Instrument :
MSVOA_V
ClientSampleId :

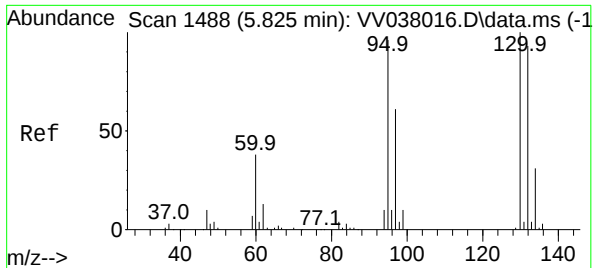
Tgt Ion:117 Resp: 15806
Ion Ratio Lower Upper
117 100
119 98.8 76.6 115.0



#33
Benzene
Concen: 0.439 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.010 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Tgt Ion: 78 Resp: 39238



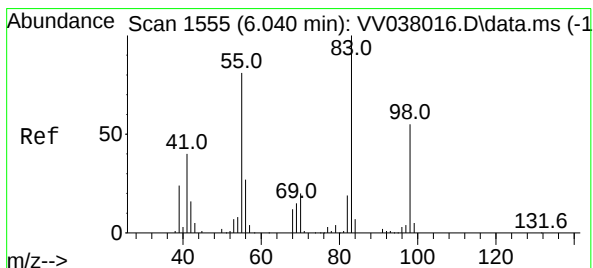
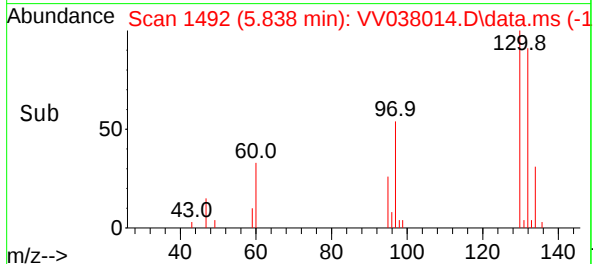
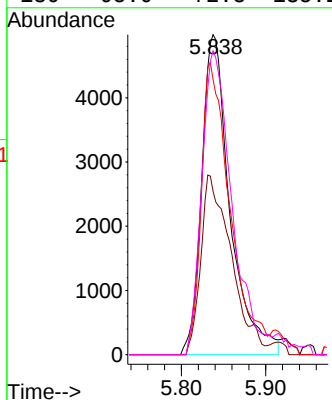
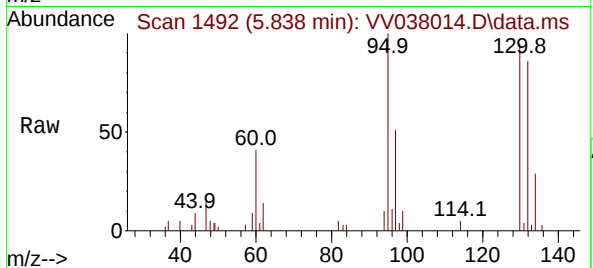


#34
 Trichloroethene
 Concen: 0.477 ug/L
 RT: 5.838 min Scan# 1488
 Delta R.T. 0.013 min
 Lab File: VV038014.D
 Acq: 12 Nov 2024 12:00

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 95 Resp: 11663

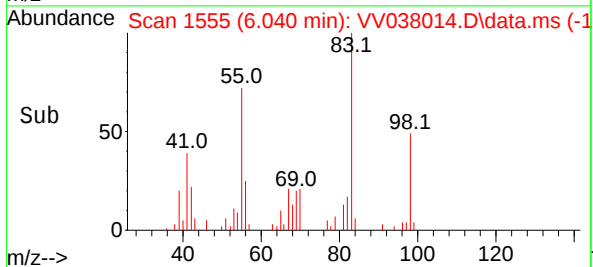
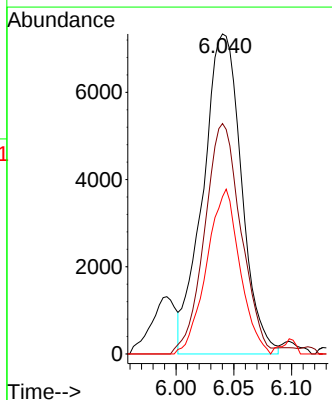
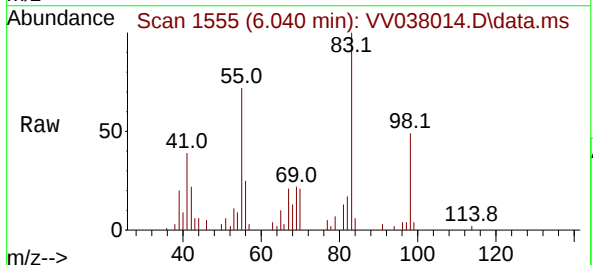
Ion	Ratio	Lower	Upper
95	100		
97	51.1	44.5	82.7
132	86.0	67.9	126.1
130	95.0	72.8	135.2

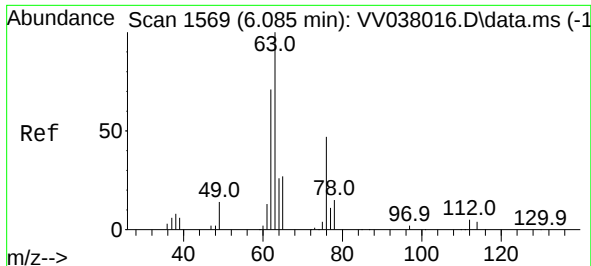


#35
 Methylcyclohexane
 Concen: 0.461 ug/L
 RT: 6.040 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VV038014.D
 Acq: 12 Nov 2024 12:00

Tgt Ion: 83 Resp: 16994

Ion	Ratio	Lower	Upper
83	100		
55	68.1	58.8	88.2
98	44.5	40.2	60.2





#37

1,2-Dichloropropane

Concen: 0.466 ug/L

RT: 6.095 min Scan# 1569

Delta R.T. 0.010 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

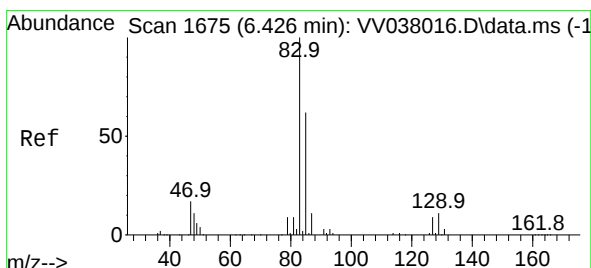
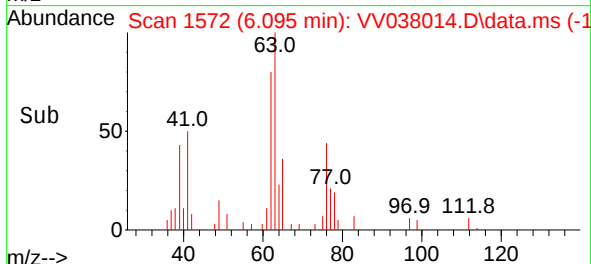
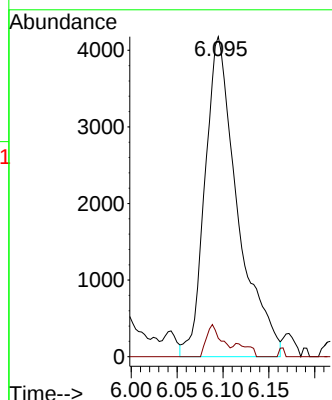
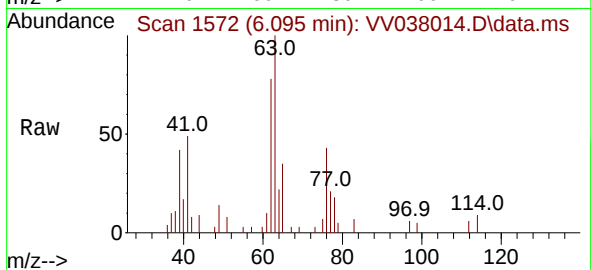
ClientSampleId :

Tgt Ion: 63 Resp: 10312

Ion Ratio Lower Upper

63 100

112 4.6 4.1 6.1



#38

Bromodichloromethane

Concen: 0.449 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

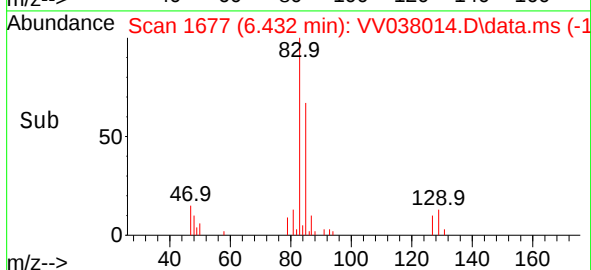
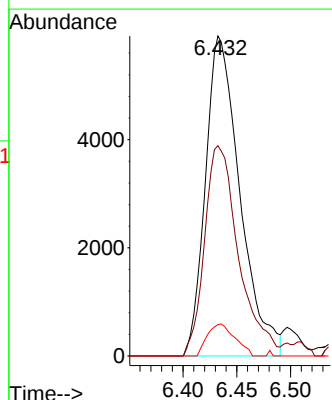
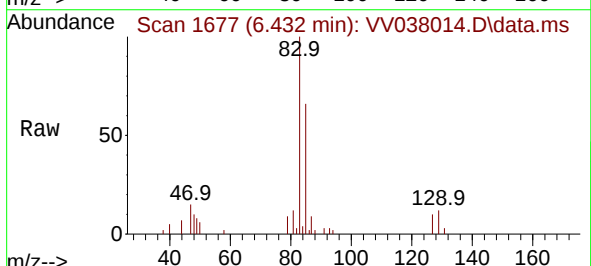
Tgt Ion: 83 Resp: 13185

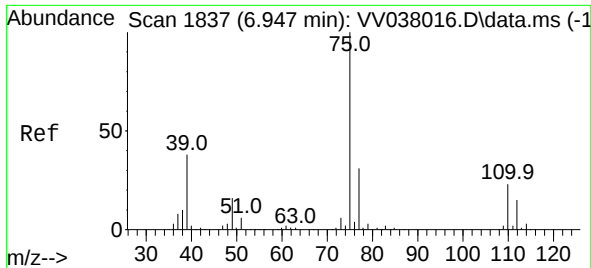
Ion Ratio Lower Upper

83 100

85 65.7 43.6 81.0

127 9.8 7.0 10.6

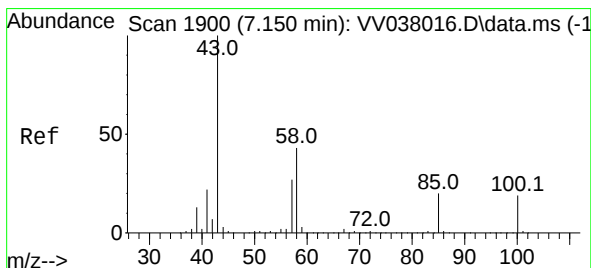
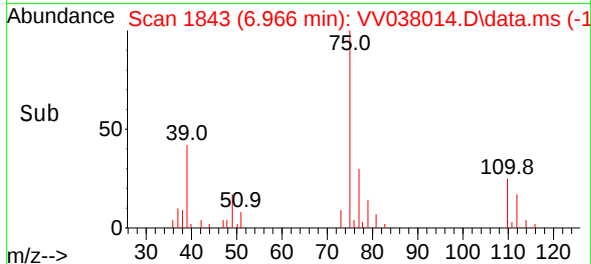
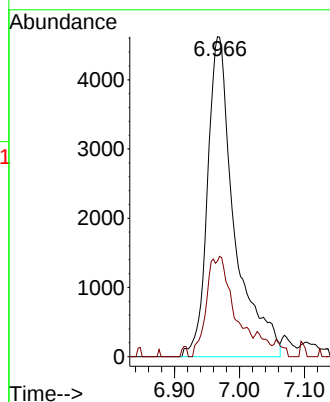
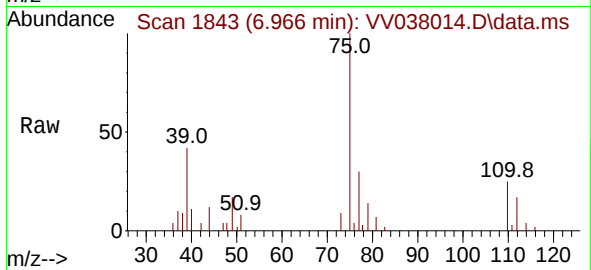




#39
 cis-1,3-Dichloropropene
 Concen: 0.405 ug/L
 RT: 6.966 min Scan# 1843
 Delta R.T. 0.019 min
 Lab File: VV038014.D
 Acq: 12 Nov 2024 12:00

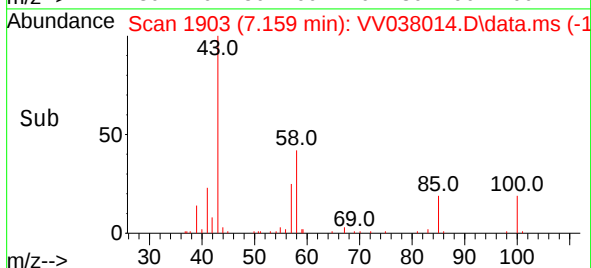
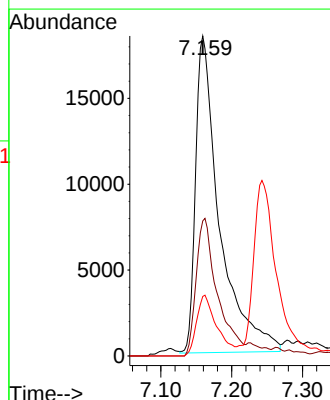
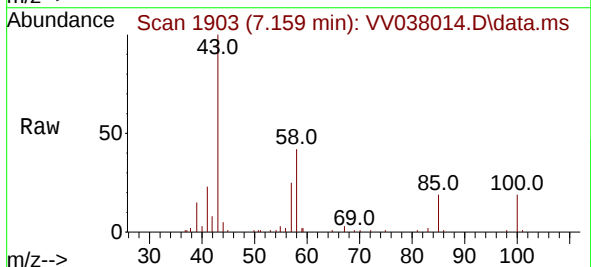
Instrument :
 MSVOA_V
 ClientSampleId :

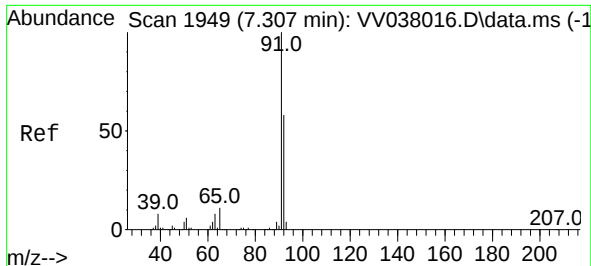
Tgt Ion: 75 Resp: 13336
 Ion Ratio Lower Upper
 75 100
 77 29.8 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 3.589 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.010 min
 Lab File: VV038014.D
 Acq: 12 Nov 2024 12:00

Tgt Ion: 43 Resp: 43142
 Ion Ratio Lower Upper
 43 100
 58 38.9 34.1 51.1
 100 16.2 14.7 22.1





#42

Toluene

Concen: 0.416 ug/L

RT: 7.317 min Scan# 1949

Delta R.T. 0.010 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

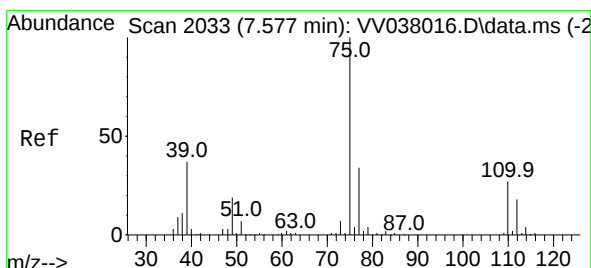
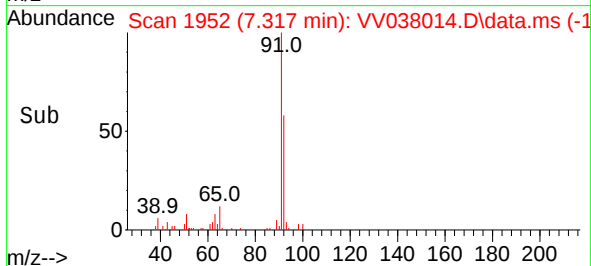
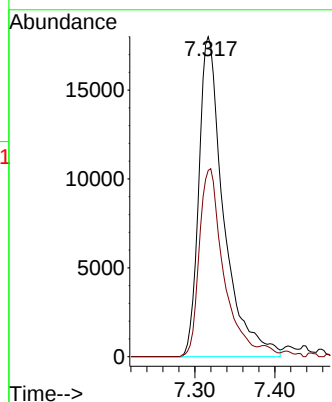
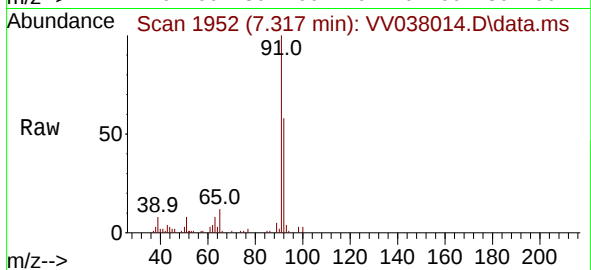
ClientSampleId :

Tgt Ion: 91 Resp: 38883

Ion Ratio Lower Upper

91 100

92 58.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.408 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.019 min

Lab File: VV038014.D

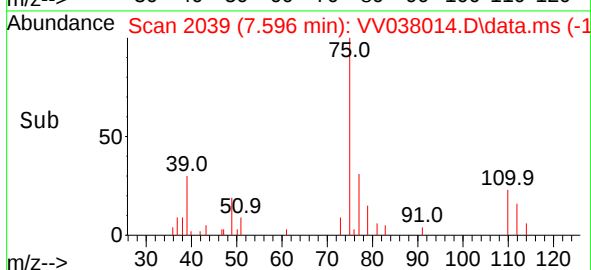
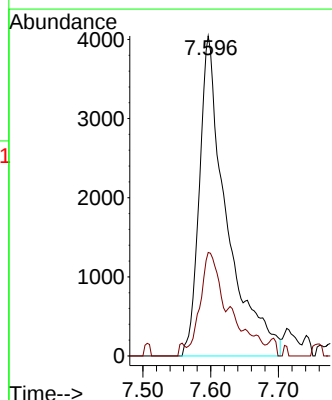
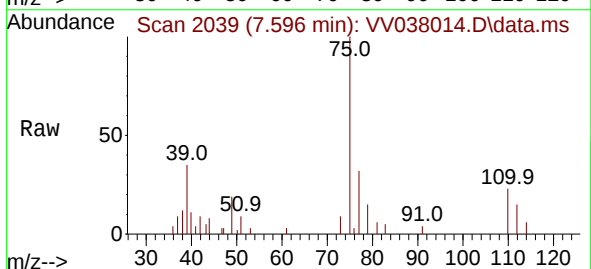
Acq: 12 Nov 2024 12:00

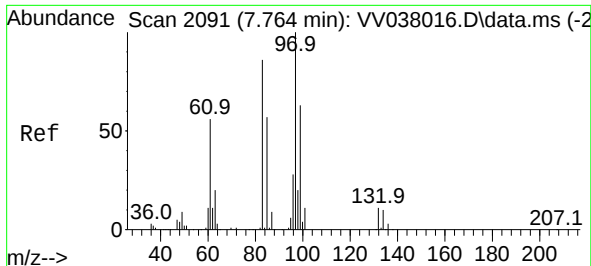
Tgt Ion: 75 Resp: 11228

Ion Ratio Lower Upper

75 100

77 32.4 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 0.443 ug/L

RT: 7.770 min Scan# 2091

Delta R.T. 0.006 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 7865

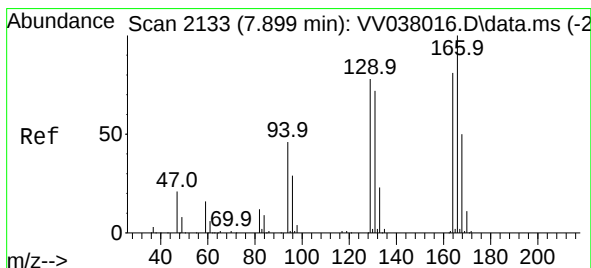
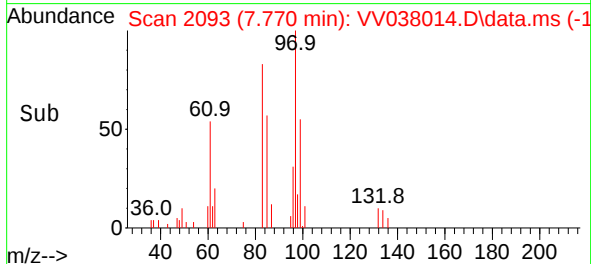
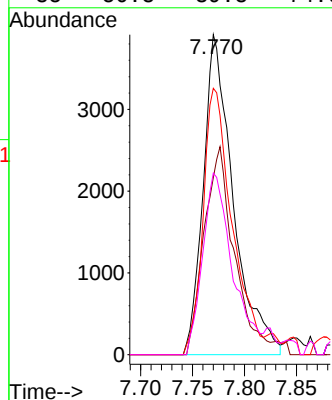
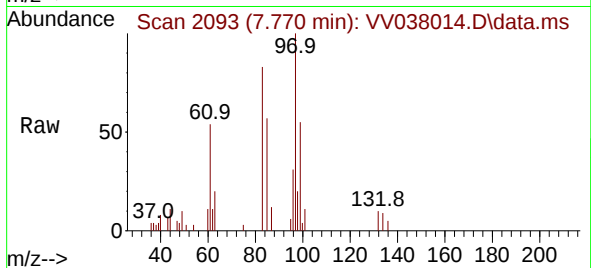
Ion Ratio Lower Upper

97 100

99 55.3 44.0 81.8

83 83.2 60.1 111.5

85 56.8 39.8 74.0



#47

Tetrachloroethene

Concen: 0.465 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.000 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Tgt Ion:164 Resp: 8916

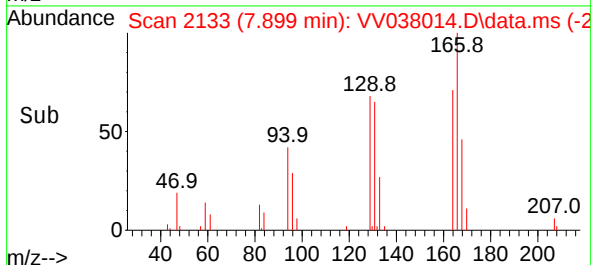
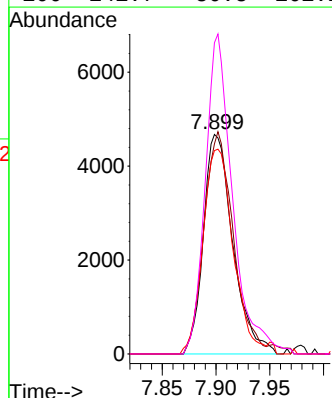
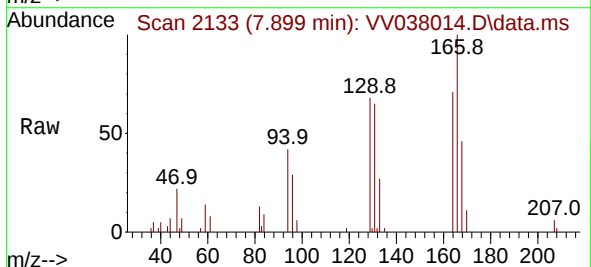
Ion Ratio Lower Upper

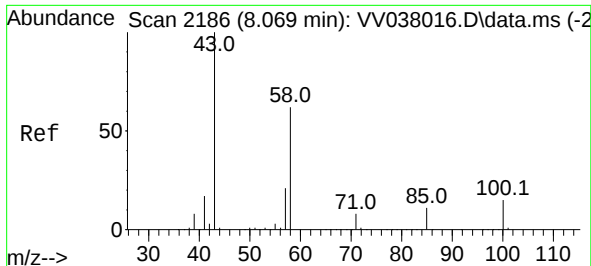
164 100

129 95.7 67.8 125.8

131 92.6 62.6 116.3

166 141.7 86.8 161.2





#48

2-Hexanone

Concen: 2.963 ug/L

RT: 8.088 min Scan# 2186

Delta R.T. 0.019 min

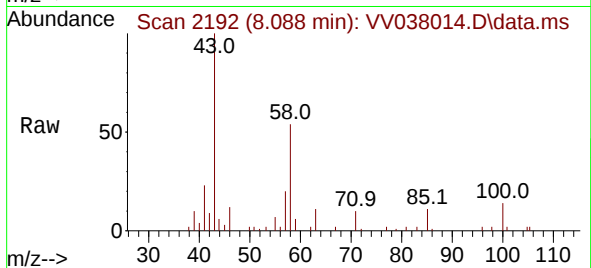
Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 24471

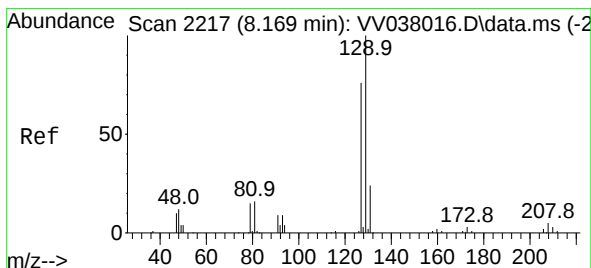
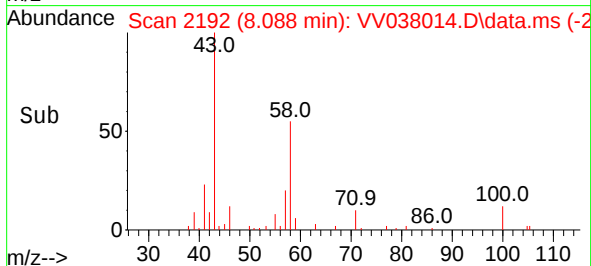
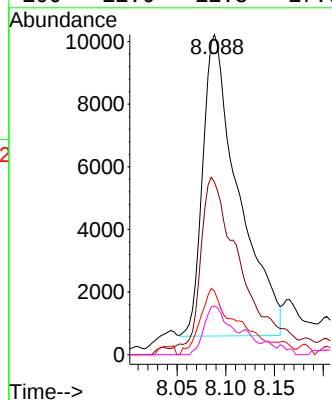
Ion Ratio Lower Upper

43 100

58 64.1 48.9 73.3

57 23.0 16.6 24.8

100 11.6 11.8 17.6#



#49

Dibromochloromethane

Concen: 0.458 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.006 min

Lab File: VV038014.D

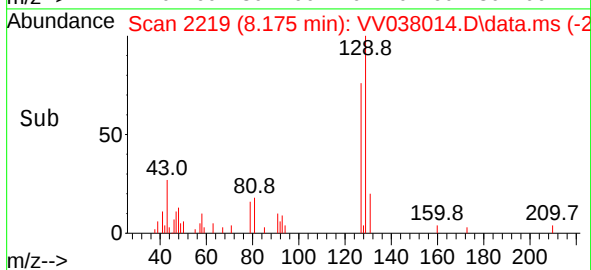
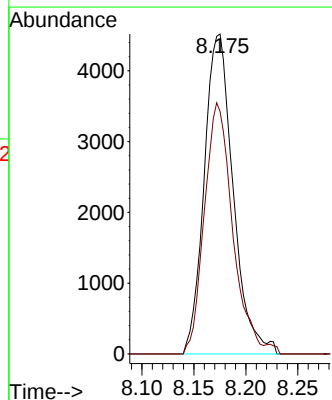
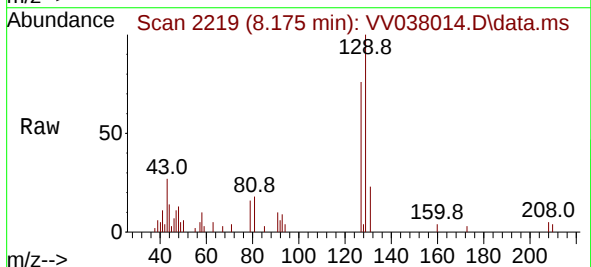
Acq: 12 Nov 2024 12:00

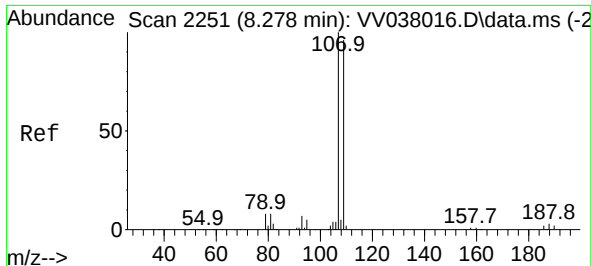
Tgt Ion: 129 Resp: 8756

Ion Ratio Lower Upper

129 100

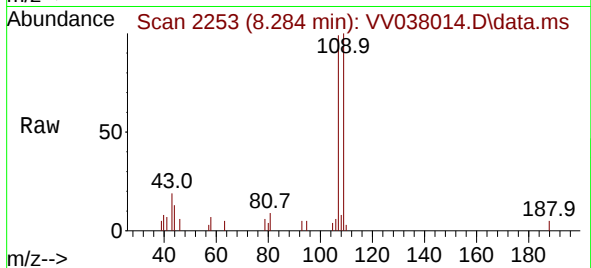
127 75.8 53.3 99.1



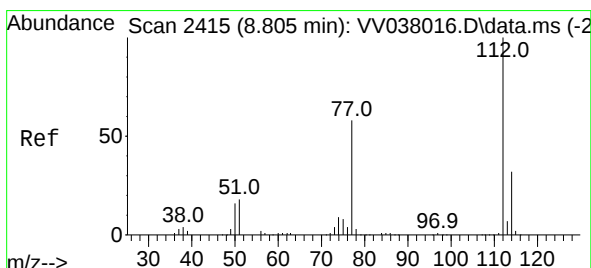
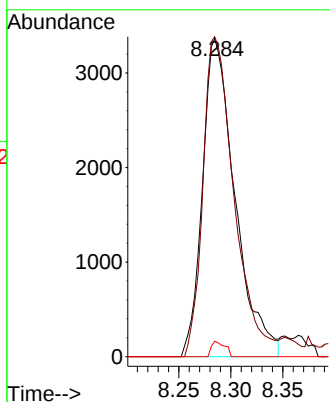
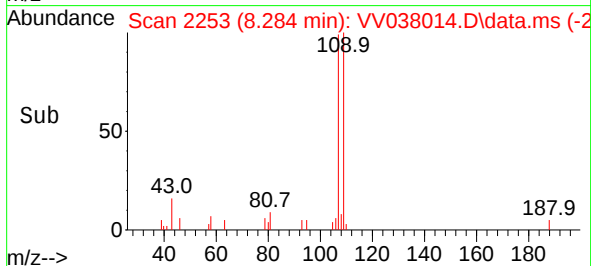


#50
1,2-Dibromoethane
Concen: 0.435 ug/L
RT: 8.284 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Instrument :
MSVOA_V
ClientSampleId :

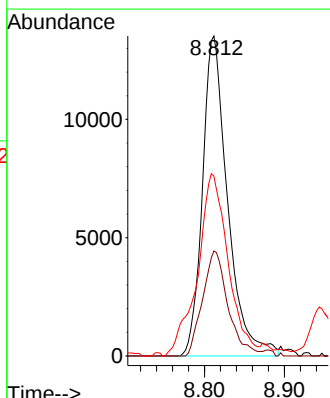
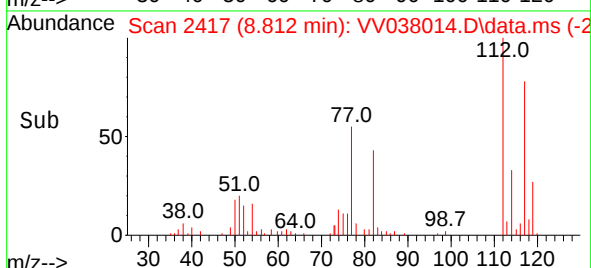
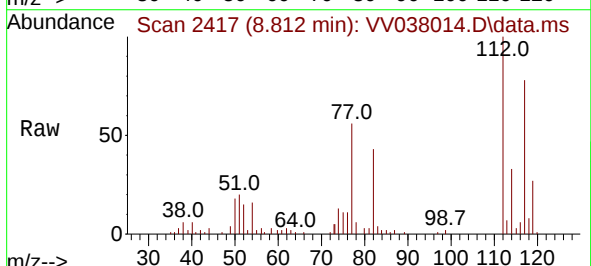


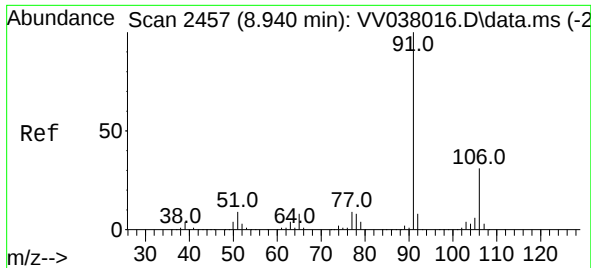
Tgt Ion:107 Resp: 7317
Ion Ratio Lower Upper
107 100
109 100.5 67.1 124.7
188 4.8 2.7 4.1#



#51
Chlorobenzene
Concen: 0.465 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Tgt Ion:112 Resp: 29566
Ion Ratio Lower Upper
112 100
114 32.8 22.3 41.3
77 56.2 46.5 69.7





#52

Ethylbenzene

Concen: 0.412 ug/L

RT: 8.944 min Scan# 2457

Delta R.T. 0.003 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

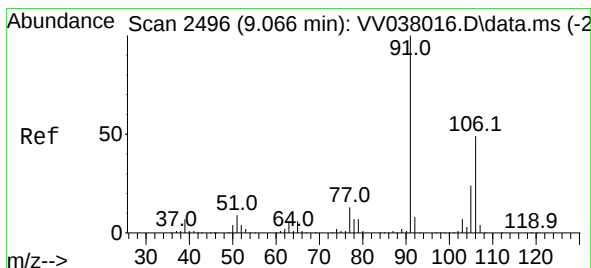
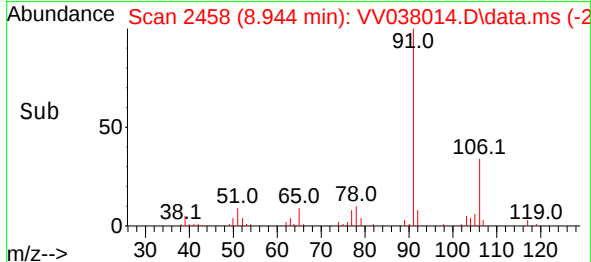
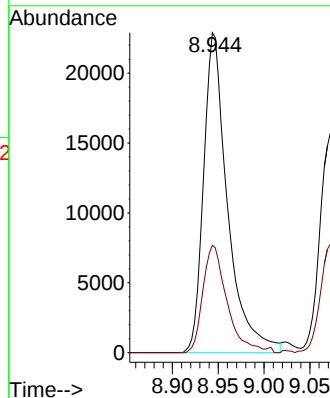
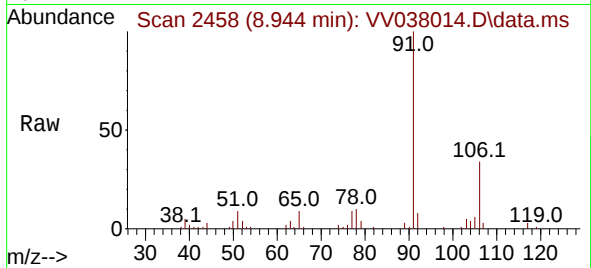
ClientSampleId :

Tgt Ion: 91 Resp: 41779

Ion Ratio Lower Upper

91 100

106 33.6 21.6 40.0



#53

m,p-Xylene

Concen: 0.395 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.006 min

Lab File: VV038014.D

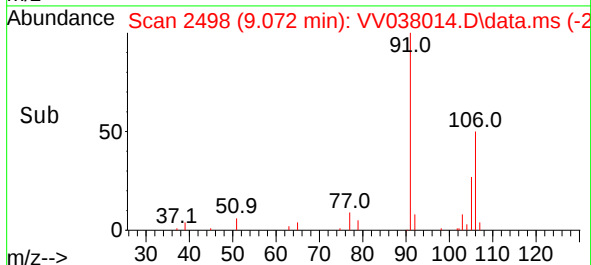
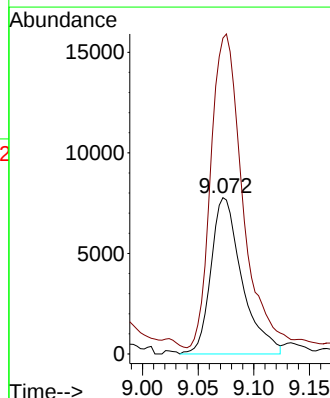
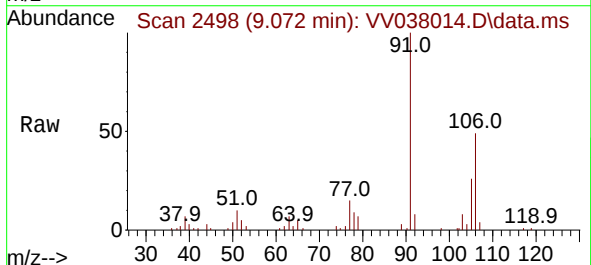
Acq: 12 Nov 2024 12:00

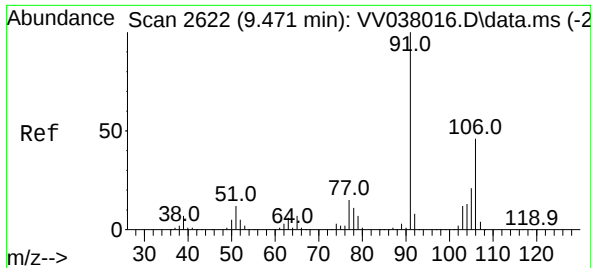
Tgt Ion: 106 Resp: 15089

Ion Ratio Lower Upper

106 100

91 202.1 142.7 264.9

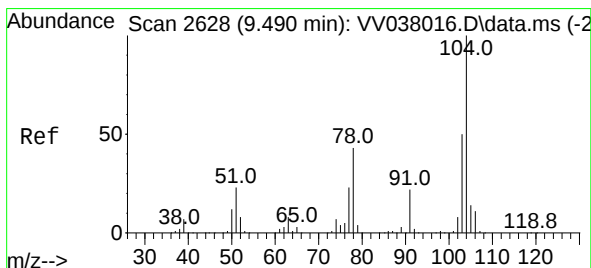
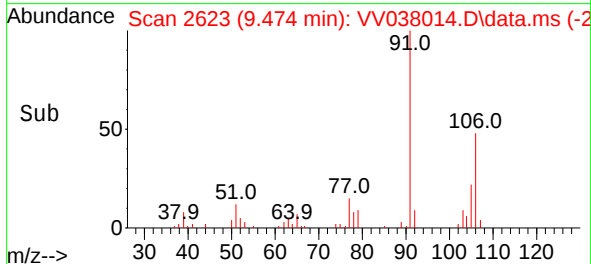
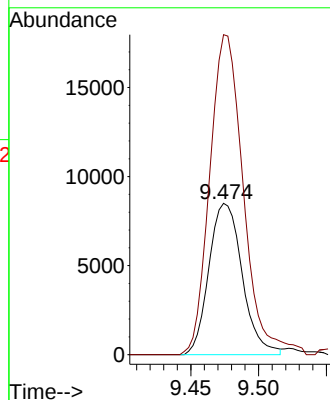
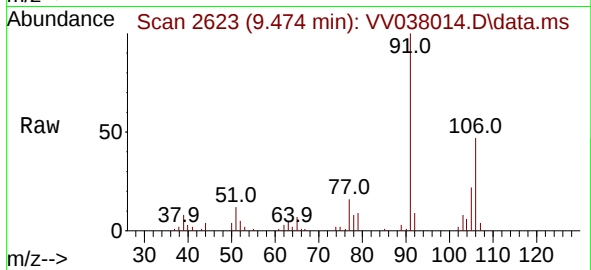




#54
o-Xylene
Concen: 0.393 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

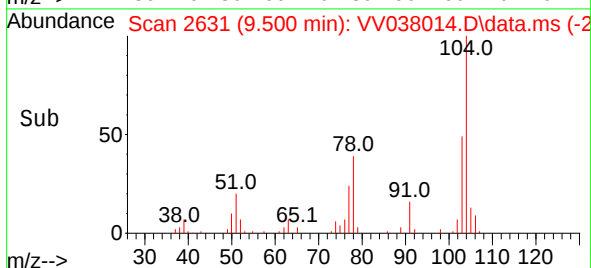
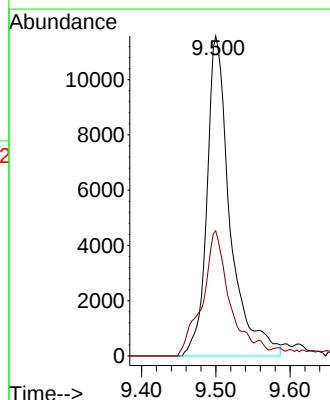
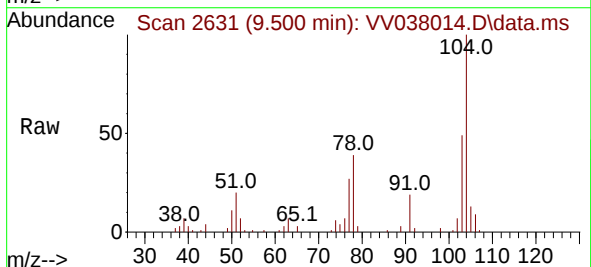
Instrument :
MSVOA_V
ClientSampleId :

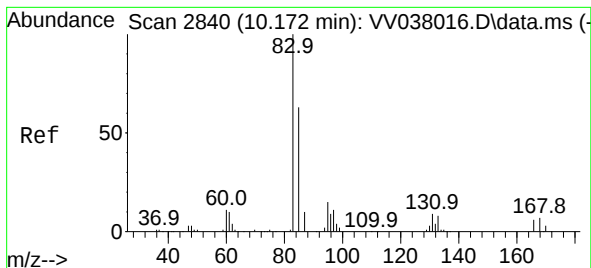
Tgt Ion:106 Resp: 14529
Ion Ratio Lower Upper
106 100
91 211.5 151.0 280.4



#55
Styrene
Concen: 0.390 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.010 min
Lab File: VV038014.D
Acq: 12 Nov 2024 12:00

Tgt Ion:104 Resp: 25113
Ion Ratio Lower Upper
104 100
78 39.1 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.437 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. -0.000 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :

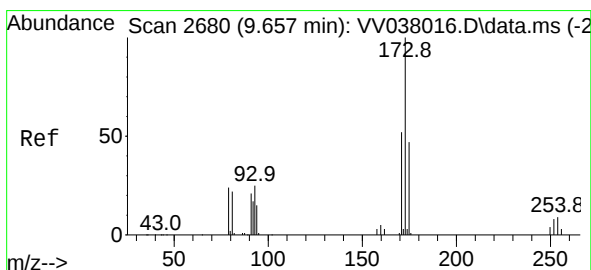
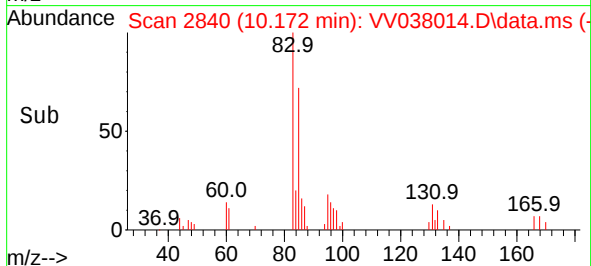
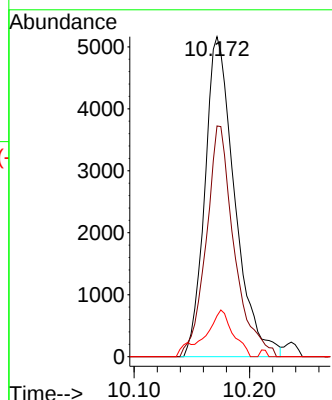
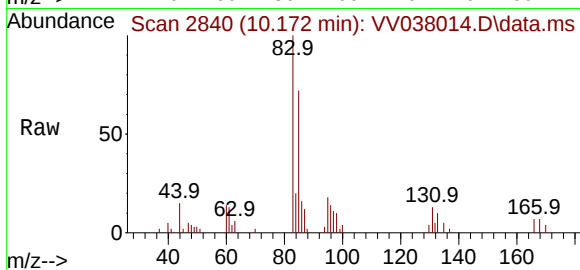
Tgt Ion: 83 Resp: 9248

Ion Ratio Lower Upper

83 100

85 72.1 44.4 82.4

131 12.8 7.8 11.6#



#59

Bromoform

Concen: 0.445 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.010 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

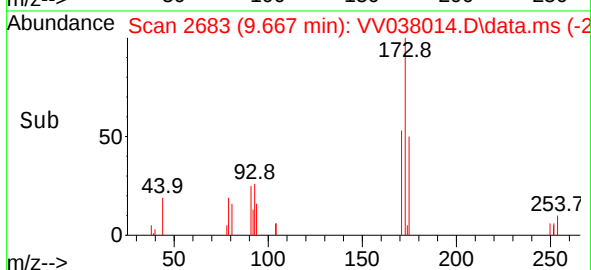
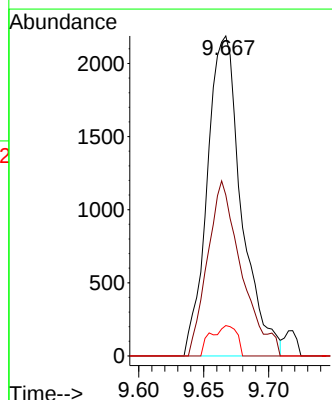
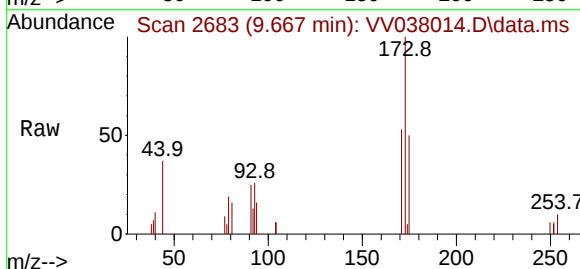
Tgt Ion: 173 Resp: 4006

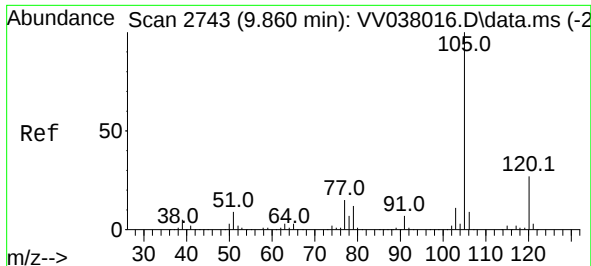
Ion Ratio Lower Upper

173 100

175 54.1 39.3 58.9

254 7.1 7.5 11.3#





#60

Isopropylbenzene

Concen: 0.432 ug/L

RT: 9.860 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV038014.D

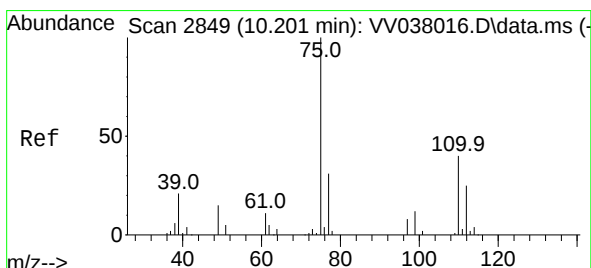
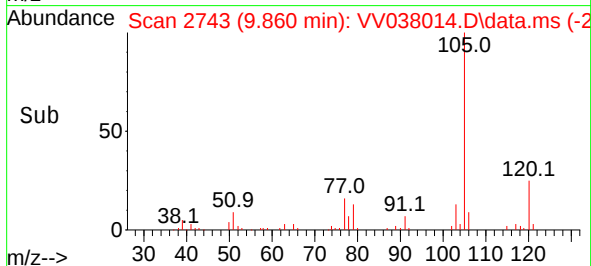
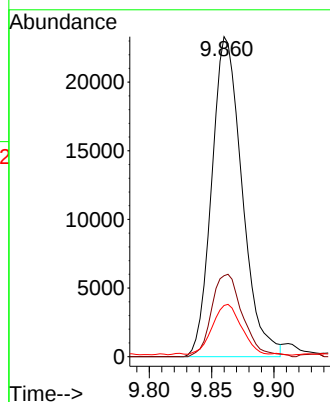
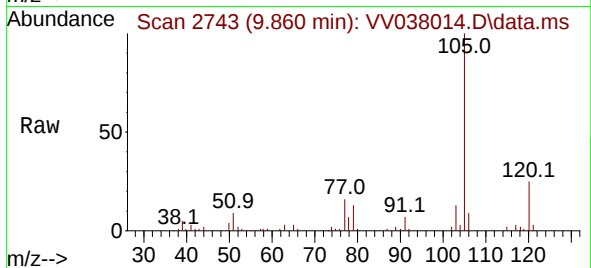
Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:105	Resp:	39504
Ion Ratio	Lower	Upper
105	100	
120	26.3	20.8 31.2
77	14.7	12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 0.491 ug/L

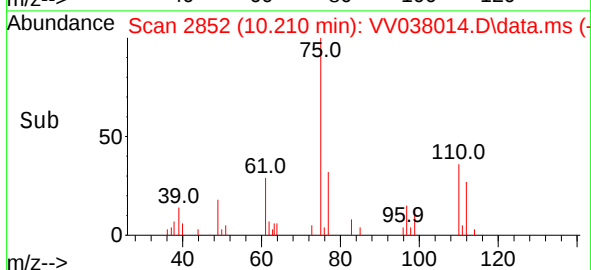
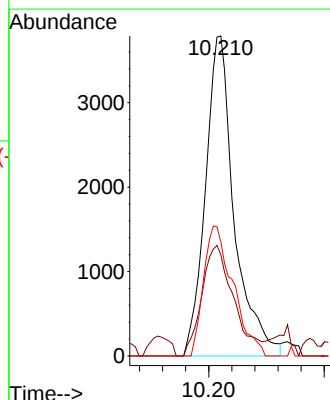
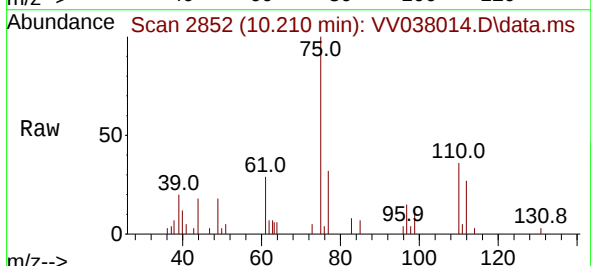
RT: 10.210 min Scan# 2852

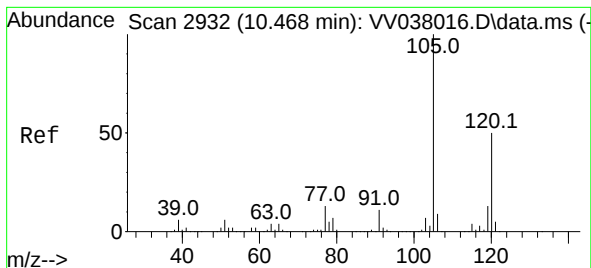
Delta R.T. 0.010 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Tgt Ion: 75	Resp:	6568
Ion Ratio	Lower	Upper
75	100	
77	38.0	25.3 37.9#
110	41.4	33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 0.423 ug/L

RT: 10.471 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

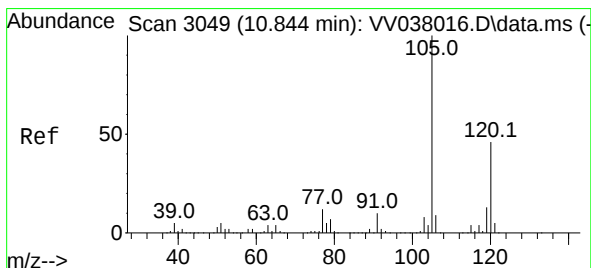
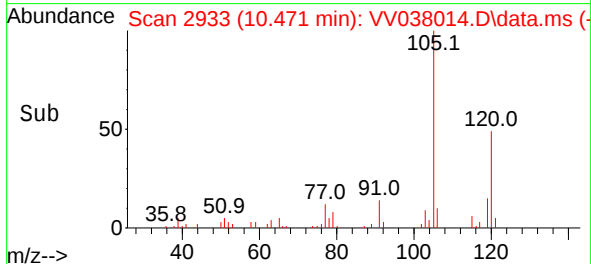
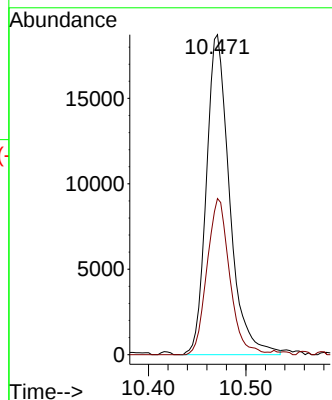
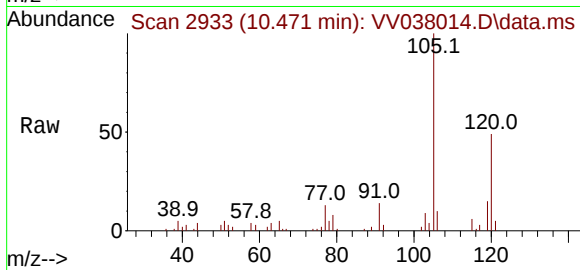
ClientSampleId :

Tgt Ion:105 Resp: 30952

Ion Ratio Lower Upper

105 100

120 47.6 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 0.399 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV038014.D

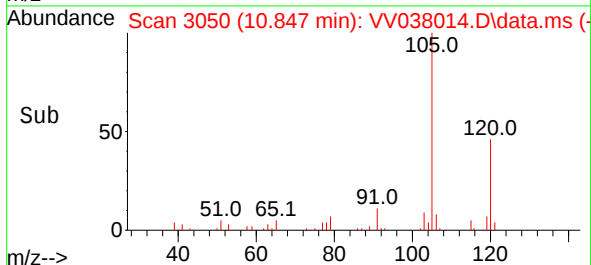
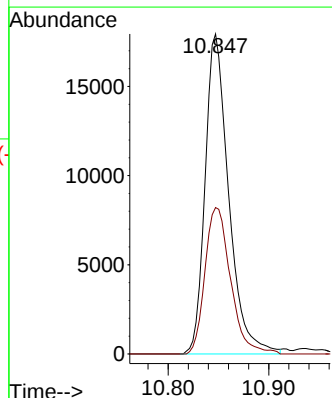
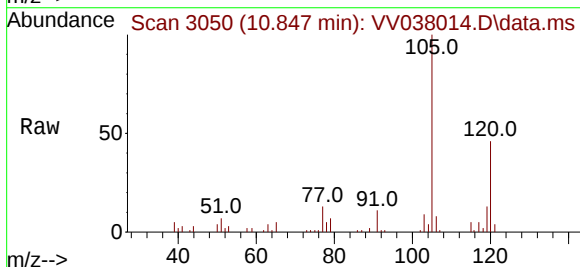
Acq: 12 Nov 2024 12:00

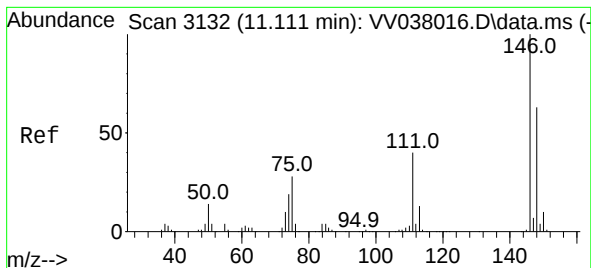
Tgt Ion:105 Resp: 29256

Ion Ratio Lower Upper

105 100

120 49.7 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 0.478 ug/L

RT: 11.117 min Scan# 3132

Delta R.T. 0.006 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :

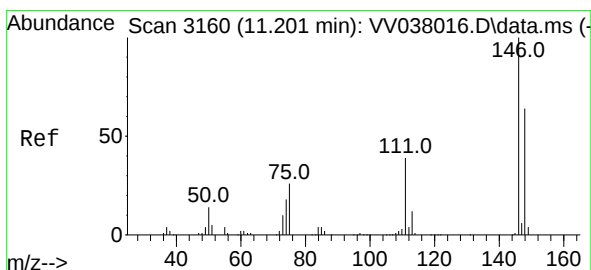
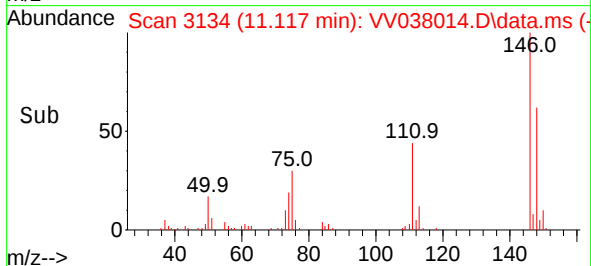
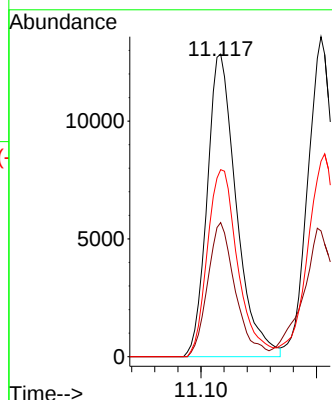
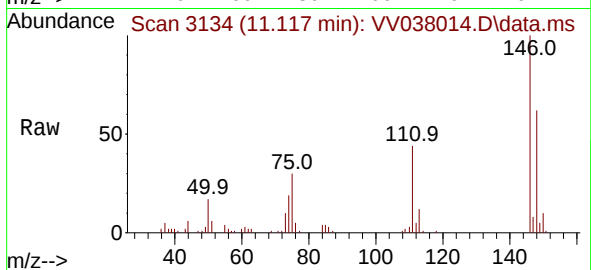
Tgt Ion:146 Resp: 22544

Ion Ratio Lower Upper

146 100

111 44.3 27.6 51.4

148 61.8 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 0.499 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

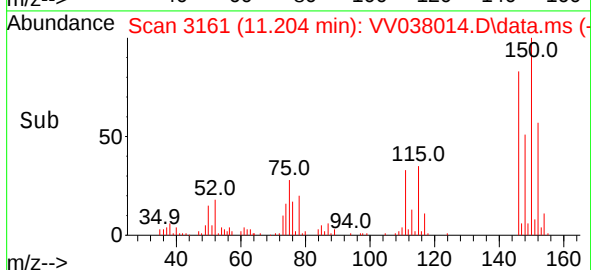
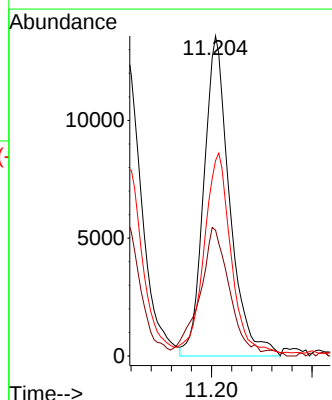
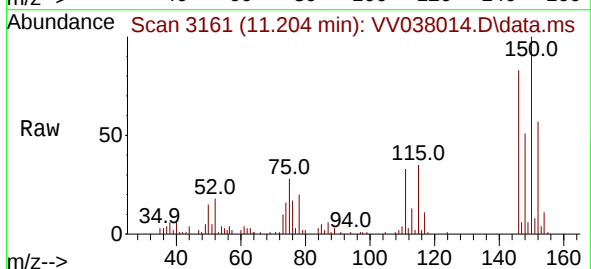
Tgt Ion:146 Resp: 24197

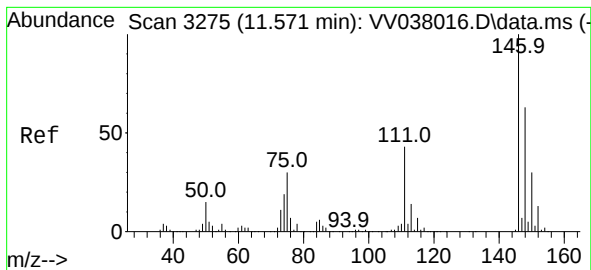
Ion Ratio Lower Upper

146 100

111 39.3 27.8 51.6

148 61.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 0.475 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :

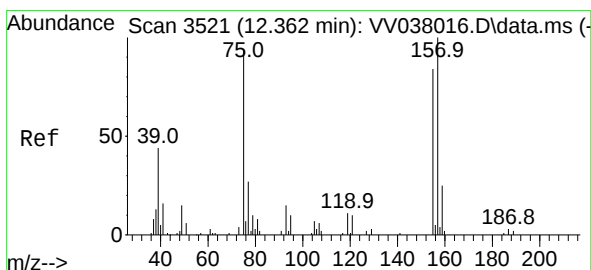
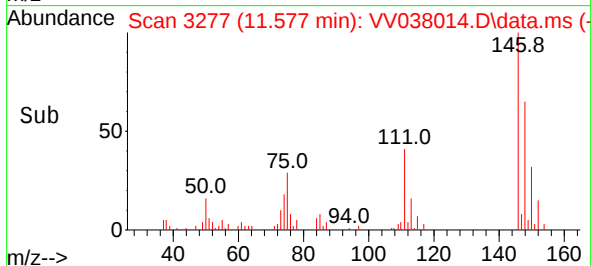
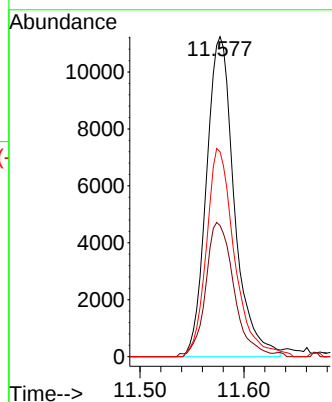
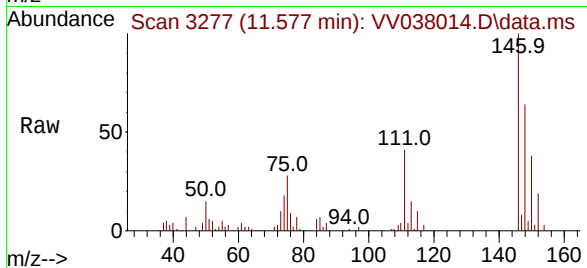
Tgt Ion:146 Resp: 20943

Ion Ratio Lower Upper

146 100

111 41.0 34.5 51.7

148 64.1 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.423 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

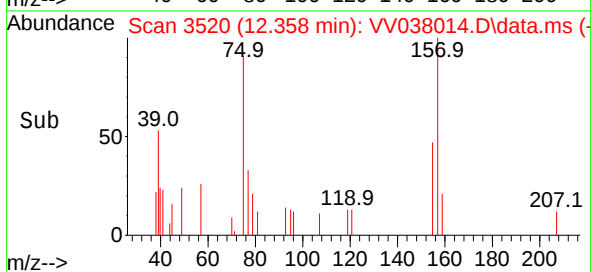
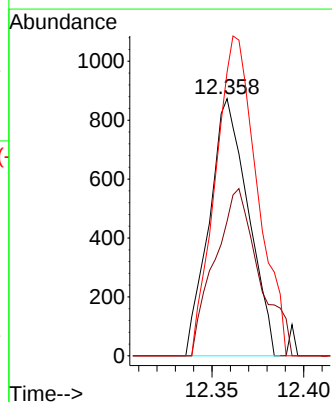
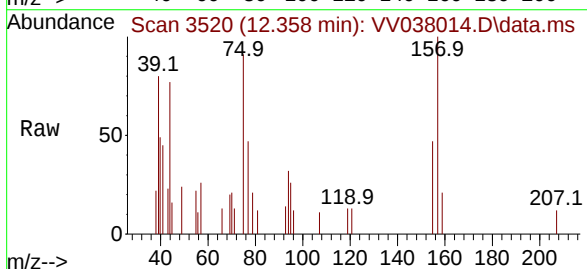
Tgt Ion: 75 Resp: 1284

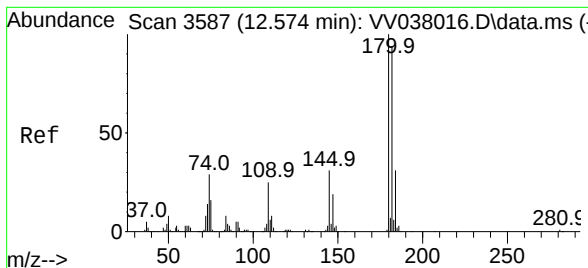
Ion Ratio Lower Upper

75 100

155 52.3 72.0 108.0#

157 110.3 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 0.520 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

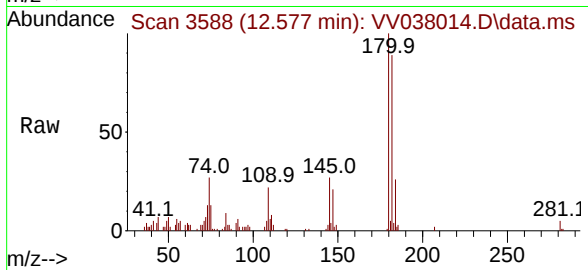
Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 18050

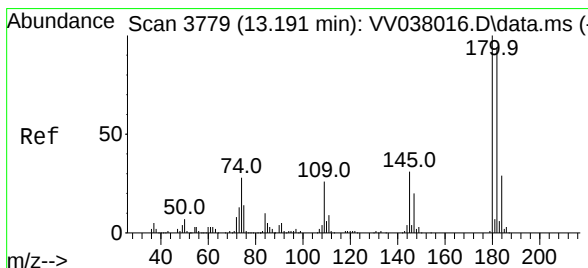
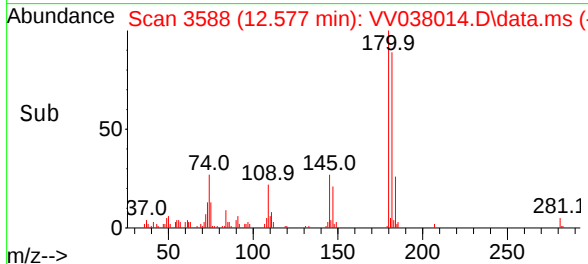
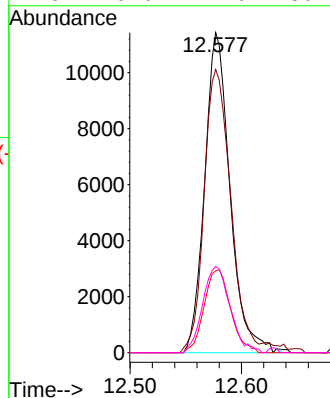
Ion Ratio Lower Upper

180 100

182 93.1 76.2 114.2

184 27.1 24.2 36.2

145 29.0 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 0.487 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

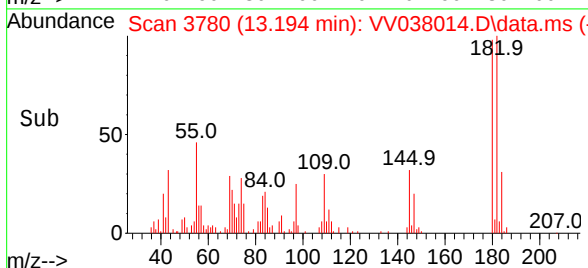
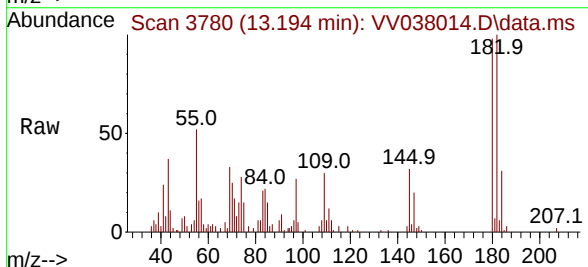
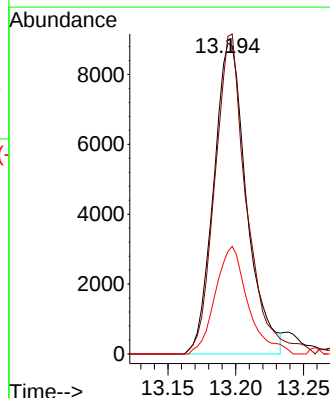
Tgt Ion:180 Resp: 15003

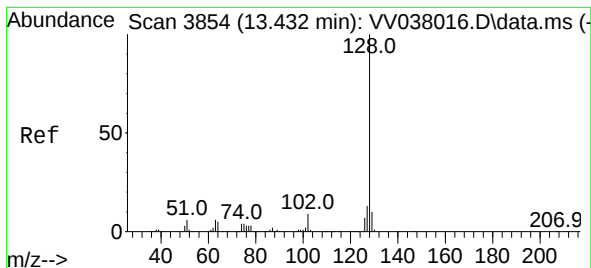
Ion Ratio Lower Upper

180 100

182 99.2 74.6 112.0

145 34.3 24.8 37.2





#71

Naphthalene

Concen: 0.502 ug/L

RT: 13.439 min Scan# 3854

Delta R.T. 0.006 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Instrument :

MSVOA_V

ClientSampleId :

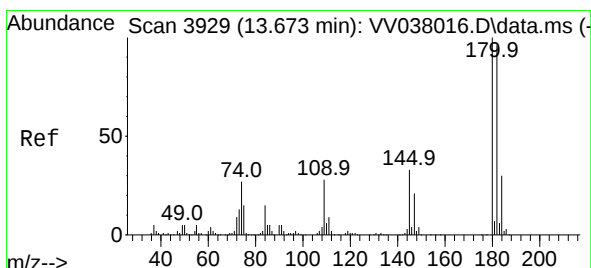
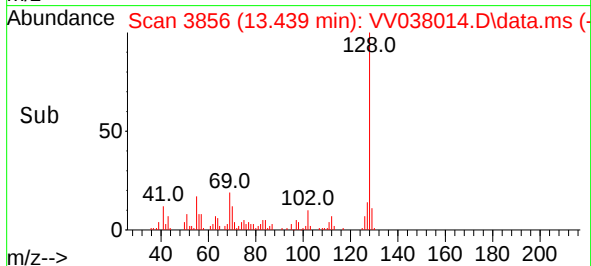
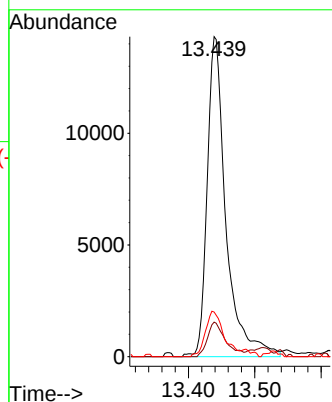
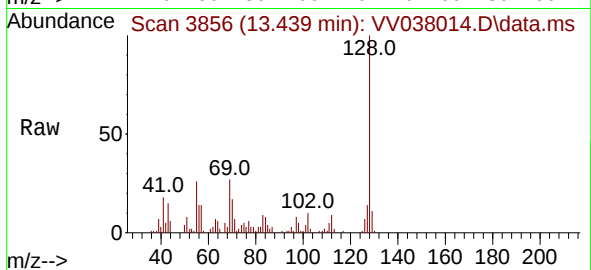
Tgt Ion:128 Resp: 28127

Ion Ratio Lower Upper

128 100

129 10.4 8.6 12.8

127 13.9 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 0.500 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV038014.D

Acq: 12 Nov 2024 12:00

Tgt Ion:180 Resp: 14517

Ion Ratio Lower Upper

180 100

182 101.1 76.6 114.8

145 32.1 26.2 39.2

