

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111224\
 Data File : VV038020.D
 Acq On : 12 Nov 2024 14:28
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:30:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:23:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	287306	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	284370	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	154565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	121441	4.856	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.529	69	100037	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.050	65	51093	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.806	46	250248	43.546	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.100%
24) Chloroform-d	4.240	84	236371	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	4.934	65	108967	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.950	84	459031	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	5.979	67	132423	4.811	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.233	98	428935	5.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
43) trans-1,3-Dichloroprop...	7.548	79	54685	4.901	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.018	63	228153	45.741	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.480%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	107521	4.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	157102	4.888	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	154056	4.918	ug/L	99
3) Chloromethane	1.211	50	142985	4.920	ug/L	97
5) Vinyl chloride	1.278	62	144431	4.951	ug/L	100
6) Bromomethane	1.484	94	93500	5.034	ug/L	98
8) Chloroethane	1.545	64	87833	4.969	ug/L	100
9) Trichlorofluoromethane	1.706	101	200103	4.963	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	116212	4.993	ug/L	98
12) 1,1-Dichloroethene	2.063	96	107050	4.901	ug/L	96
13) Acetone	2.143	43	163313	39.867	ug/L	98
14) Carbon disulfide	2.233	76	364980	5.097	ug/L	99
15) Methyl Acetate	2.384	43	39081	4.369	ug/L	100
16) Methylene chloride	2.439	84	122237	4.726	ug/L	98
17) Methyl tert-butyl Ether	2.696	73	255351	4.799	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	119993	5.077	ug/L	99
19) 1,1-Dichloroethane	3.101	63	212760	5.011	ug/L	99
21) 2-Butanone	3.886	43	222661	40.250	ug/L	100
22) cis-1,2-Dichloroethene	3.802	96	127220	5.122	ug/L	98
23) Bromochloromethane	4.143	128	57580	5.048	ug/L	96
25) Chloroform	4.265	83	224106	4.999	ug/L	98

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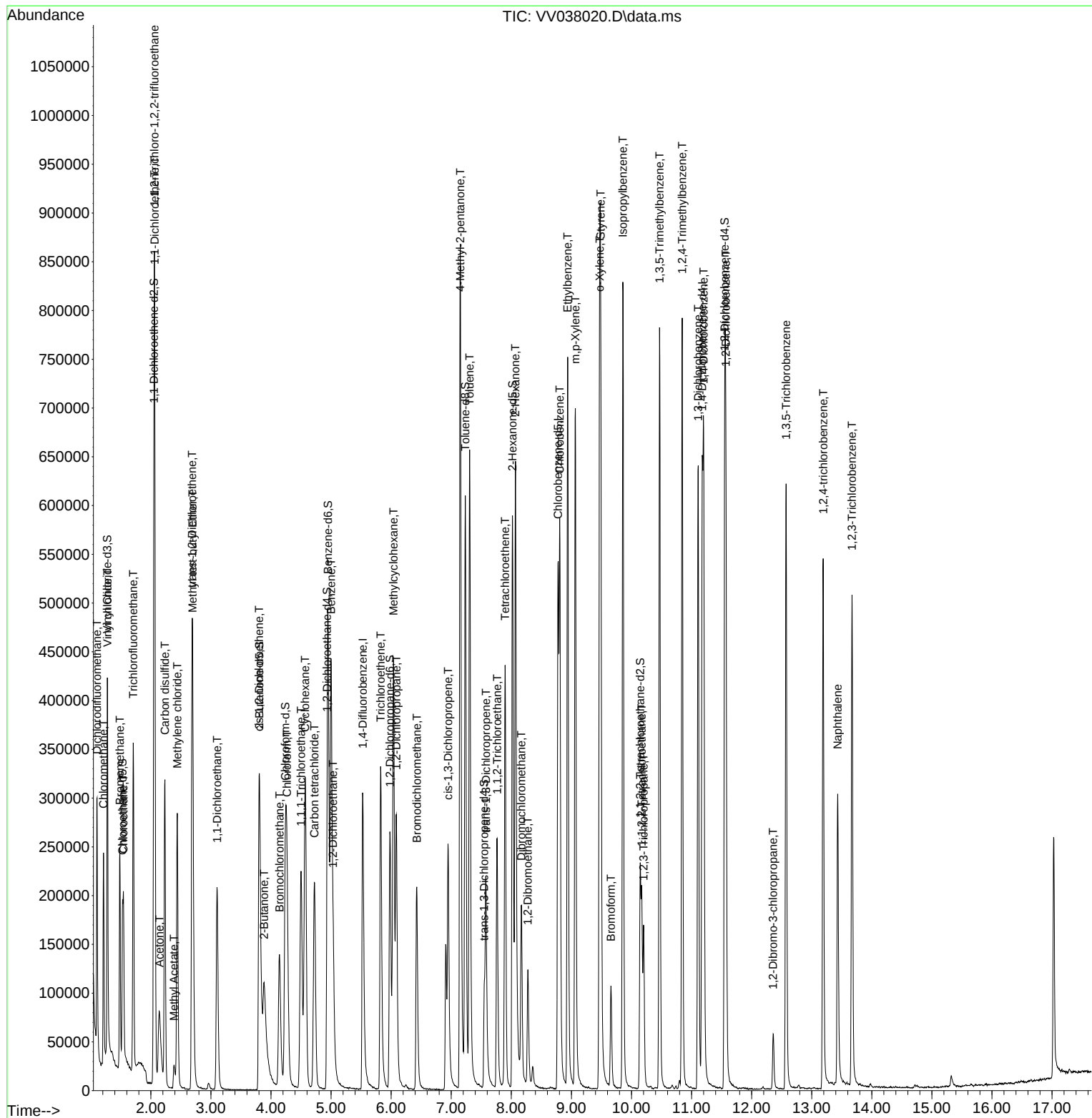
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	123234	4.888	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	193034	5.028	ug/L	99
30) Cyclohexane	4.568	56	175969	5.177	ug/L	98
31) Carbon tetrachloride	4.722	117	170046	5.086	ug/L	100
33) Benzene	4.998	78	477566	5.280	ug/L	100
34) Trichloroethene	5.825	95	125574	5.079	ug/L	98
35) Methylcyclohexane	6.040	83	188119	5.039	ug/L	99
37) 1,2-Dichloropropane	6.085	63	114904	5.136	ug/L	100
38) Bromodichloromethane	6.426	83	150449	5.061	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	175195	5.252	ug/L	97
40) 4-Methyl-2-pentanone	7.150	43	586751	46.646	ug/L	99
42) Toluene	7.307	91	506271	5.358	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	143422	5.065	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	88583	4.936	ug/L	97
47) Tetrachloroethene	7.895	164	99770	5.143	ug/L	97
48) 2-Hexanone	8.069	43	413467	45.689	ug/L	99
49) Dibromochloromethane	8.169	129	98440	5.088	ug/L	99
50) 1,2-Dibromoethane	8.275	107	82690	4.853	ug/L	98
51) Chlorobenzene	8.805	112	331998	5.157	ug/L	99
52) Ethylbenzene	8.937	91	541943	5.280	ug/L	99
53) m,p-Xylene	9.066	106	207879	5.373	ug/L	99
54) o-Xylene	9.471	106	202065	5.396	ug/L	98
55) Styrene	9.487	104	353914	5.426	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	101277	4.728	ug/L	96
59) Bromoform	9.657	173	48370	4.760	ug/L	98
60) Isopropylbenzene	9.857	105	538094	5.219	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	67907	4.497	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	426891	5.169	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	436813	5.280	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	267917	5.037	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	274184	5.011	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	245977	4.946	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	14793	4.322	ug/L	91
69) 1,3,5-Trichlorobenzene	12.574	180	192468	4.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	170991	4.923	ug/L	99
71) Naphthalene	13.432	128	263915	4.174	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	151922	4.635	ug/L	99

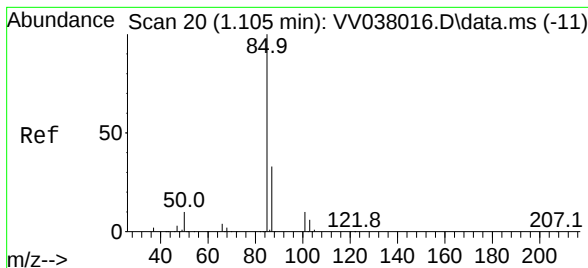
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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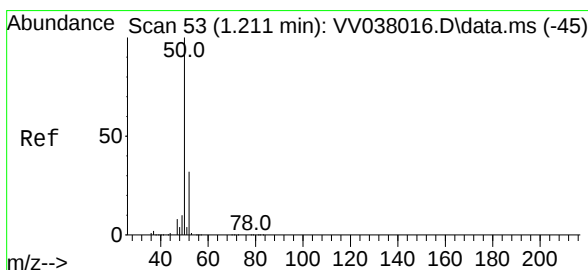
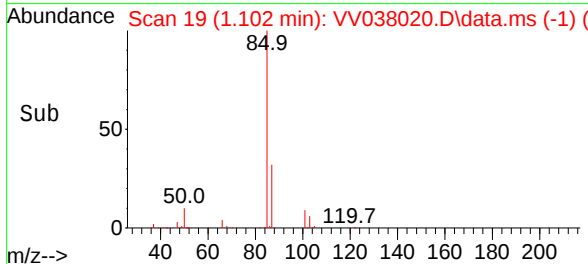
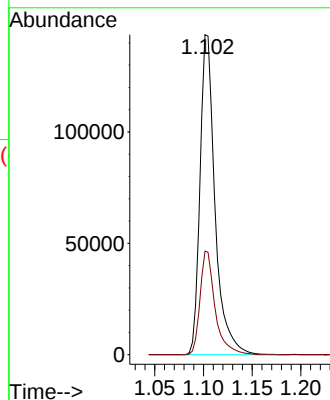
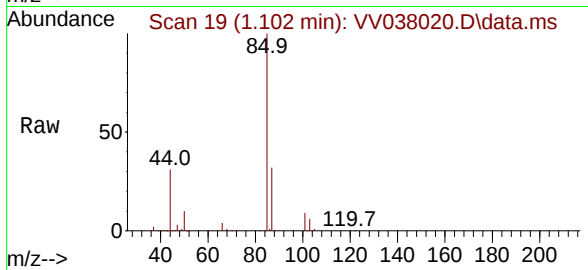




#2
Dichlorodifluoromethane
Concen: 4.918 ug/L
RT: 1.102 min Scan# 19
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

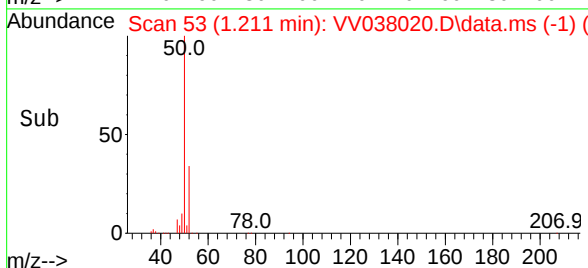
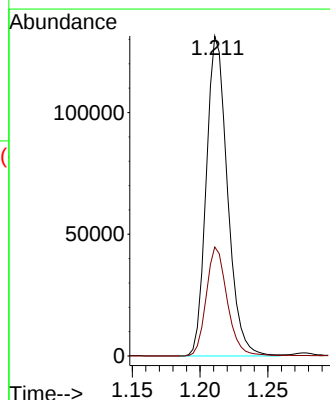
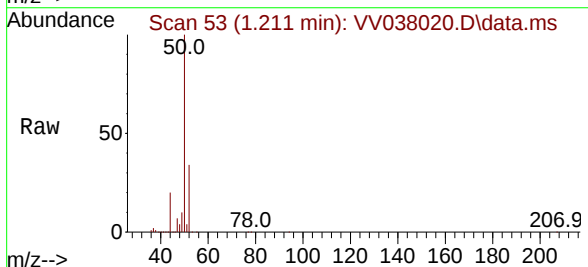
Instrument :
MSVOA_V
ClientSampleId :

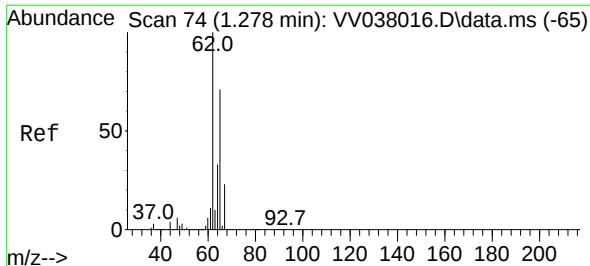
Tgt Ion: 85 Resp: 154056
Ion Ratio Lower Upper
85 100
87 32.4 26.4 39.6



#3
Chloromethane
Concen: 4.920 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion: 50 Resp: 142985
Ion Ratio Lower Upper
50 100
52 34.0 22.6 42.0



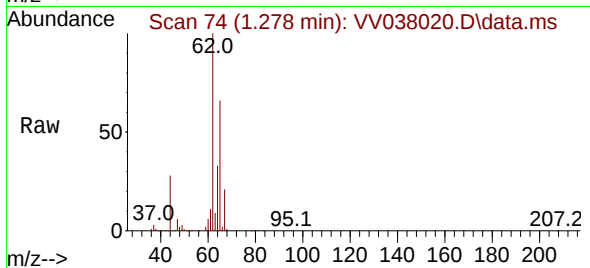


#5
 Vinyl chloride
 Concen: 4.951 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038020.D
 Acq: 12 Nov 2024 14:28

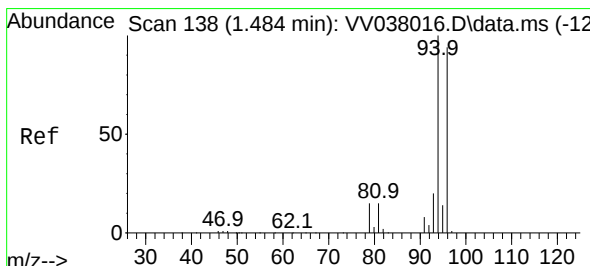
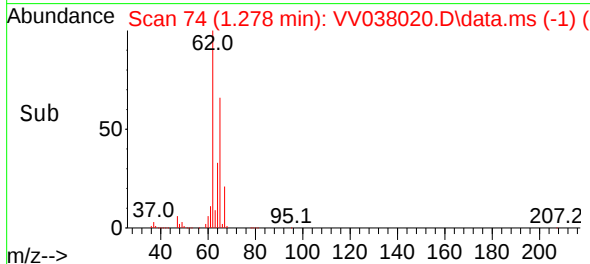
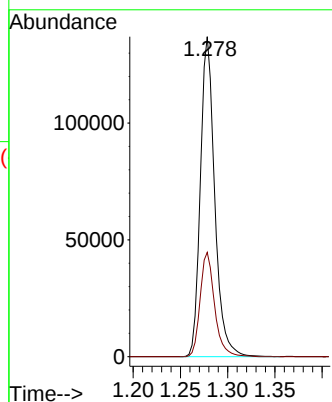
Instrument :

MSVOA_V

ClientSampleId :

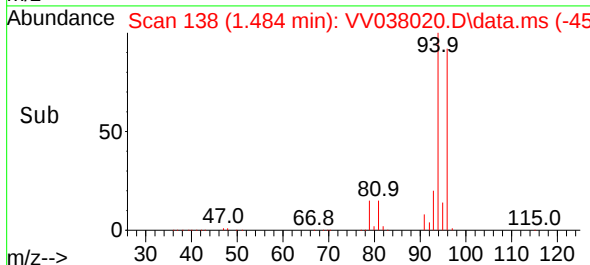
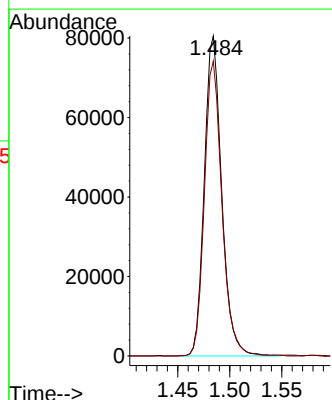
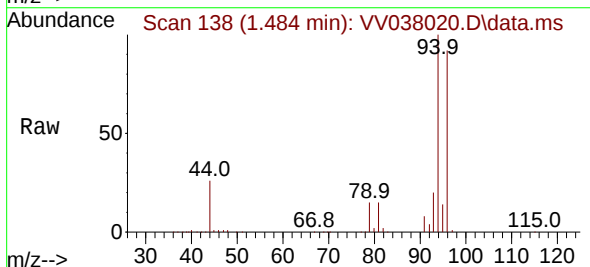


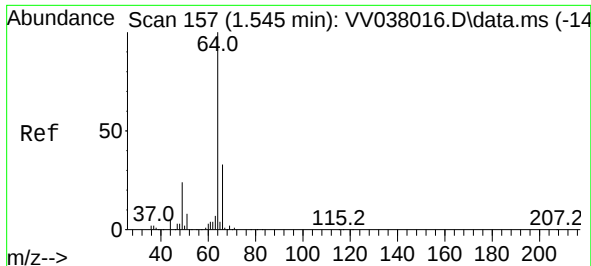
Tgt Ion: 62 Resp: 144431
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6



#6
 Bromomethane
 Concen: 5.034 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV038020.D
 Acq: 12 Nov 2024 14:28

Tgt Ion: 94 Resp: 93500
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.0 122.6

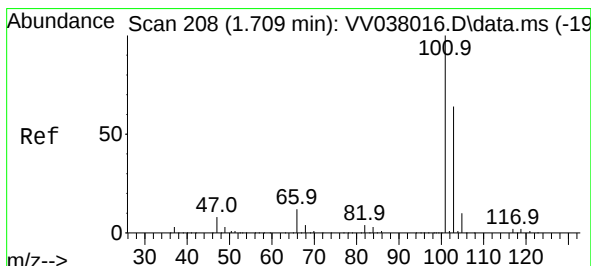
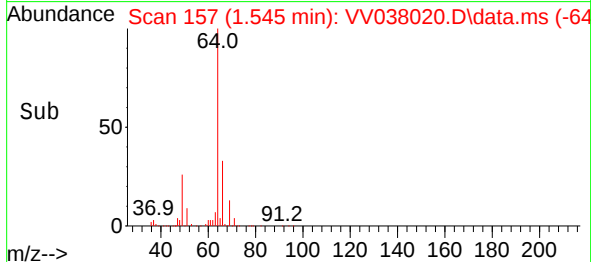
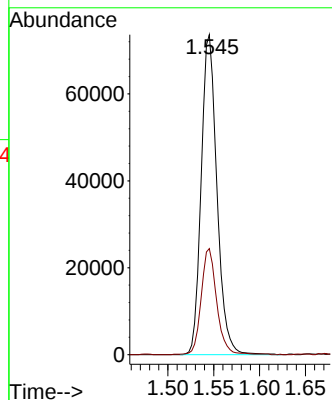
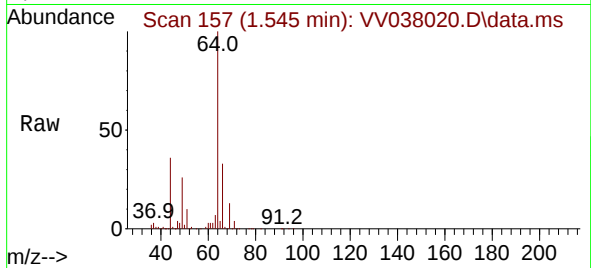




#8
Chloroethane
Concen: 4.969 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

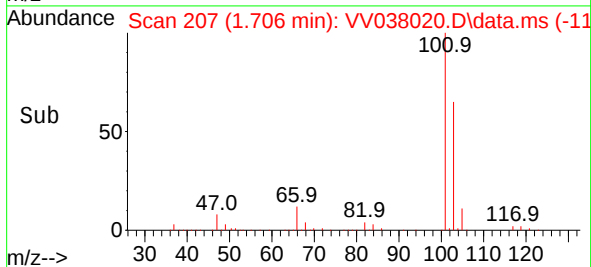
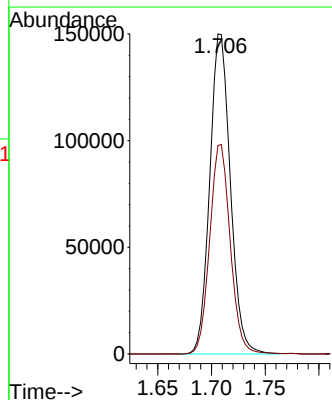
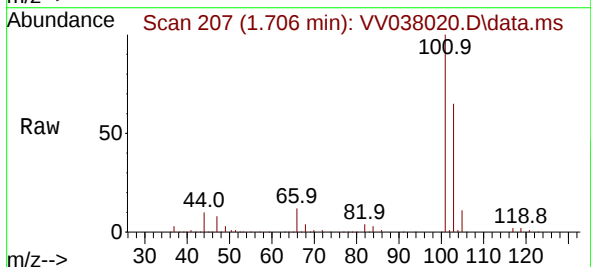
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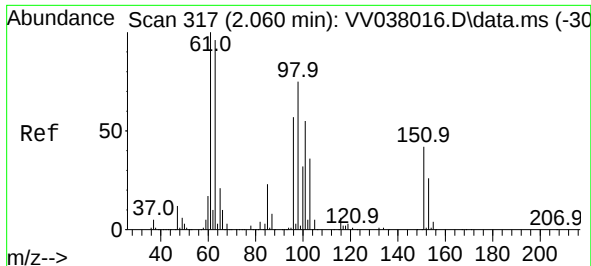
Tgt Ion: 64 Resp: 87833
Ion Ratio Lower Upper
64 100
66 33.2 23.1 42.9



#9
Trichlorofluoromethane
Concen: 4.963 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion:101 Resp: 200103
Ion Ratio Lower Upper
101 100
103 65.2 50.9 76.3

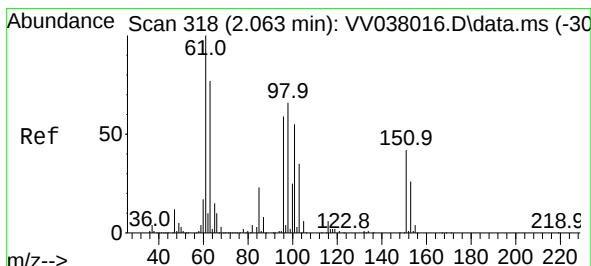
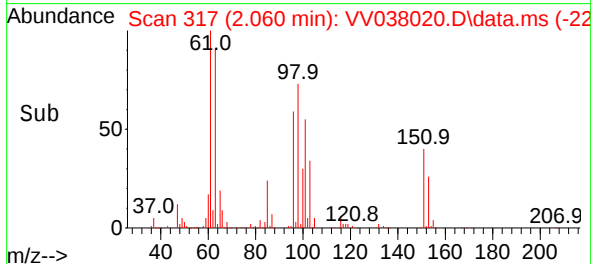
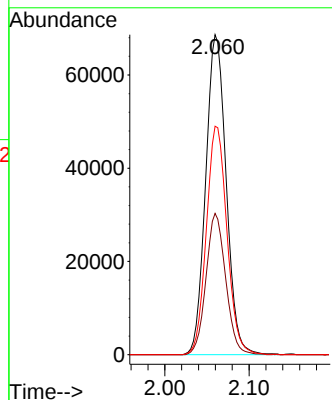
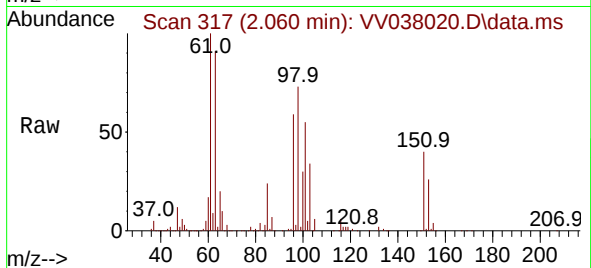




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.993 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV038020.D
 Acq: 12 Nov 2024 14:28

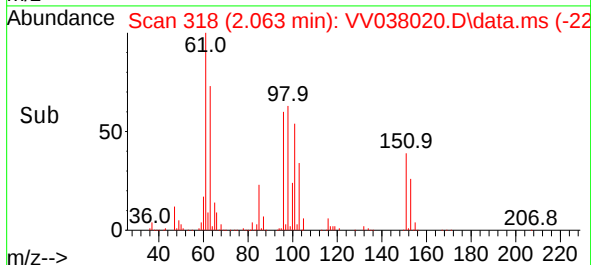
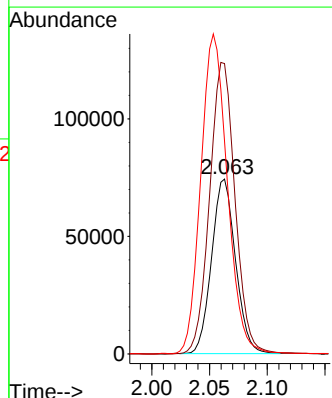
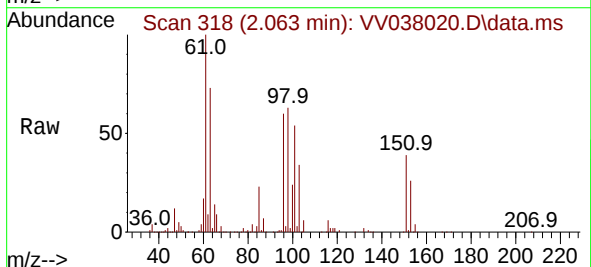
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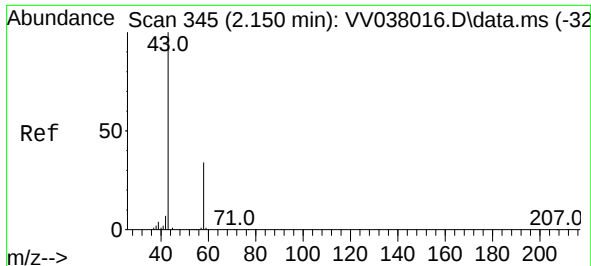
Tgt Ion:101 Resp: 116212
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.7 50.5
 151 71.9 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 4.901 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038020.D
 Acq: 12 Nov 2024 14:28

Tgt Ion: 96 Resp: 107050
 Ion Ratio Lower Upper
 96 100
 61 166.0 118.1 219.3
 63 121.7 91.4 169.8





#13

Acetone

Concen: 39.867 ug/L

RT: 2.143 min Scan# 345

Delta R.T. -0.006 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

Instrument :

MSVOA_V

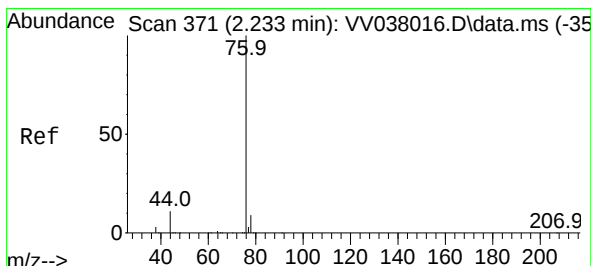
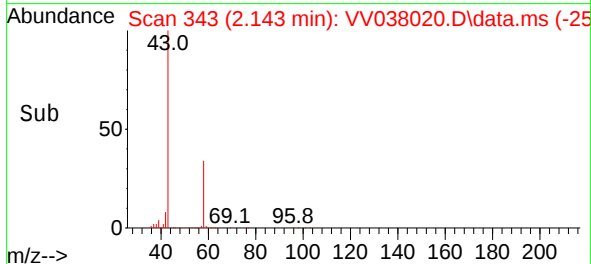
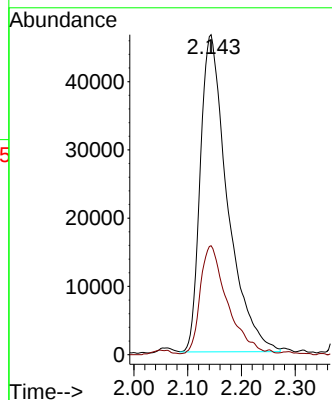
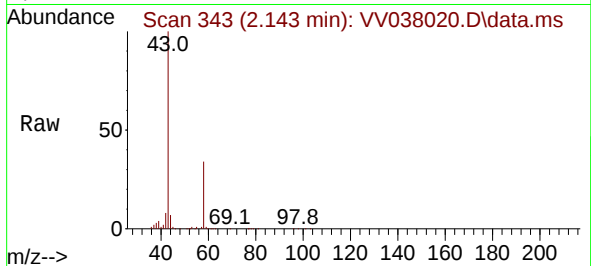
ClientSampleId :

Tgt Ion: 43 Resp: 163313

Ion Ratio Lower Upper

43 100

58 33.6 0.0 70.0



#14

Carbon disulfide

Concen: 5.097 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV038020.D

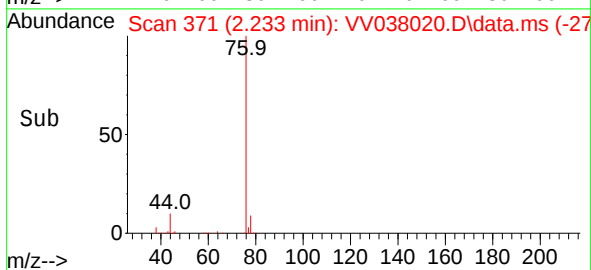
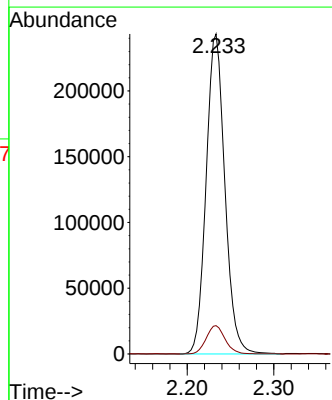
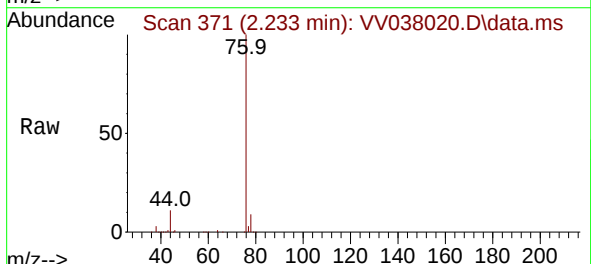
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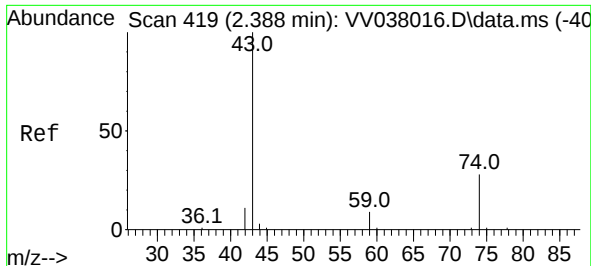
Tgt Ion: 76 Resp: 364980

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





#15

Methyl Acetate

Concen: 4.369 ug/L

RT: 2.384 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

Instrument :

MSVOA_V

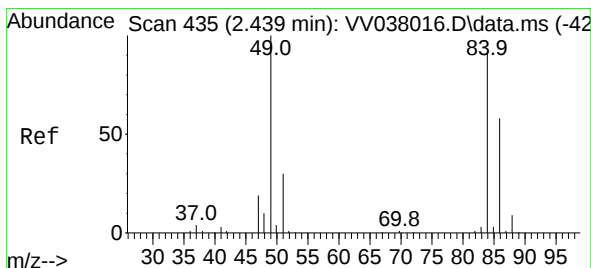
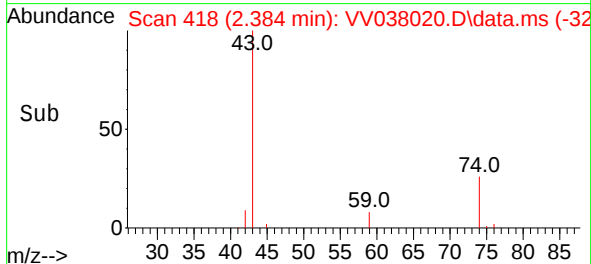
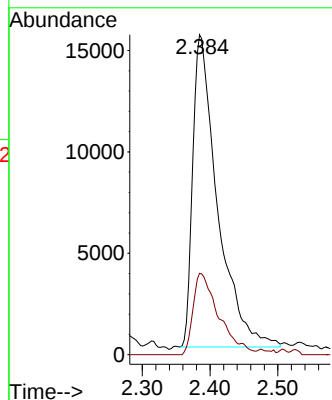
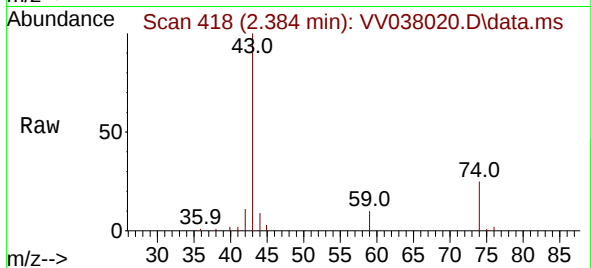
ClientSampleId :

Tgt Ion: 43 Resp: 39081

Ion Ratio Lower Upper

43 100

74 27.1 21.7 32.5



#16

Methylene chloride

Concen: 4.726 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.000 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

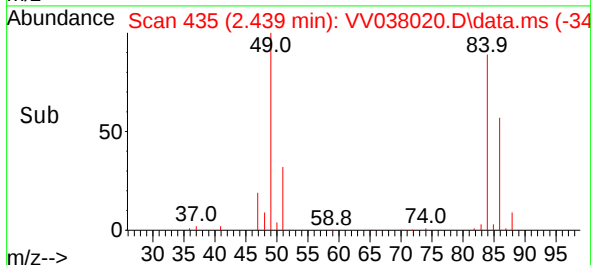
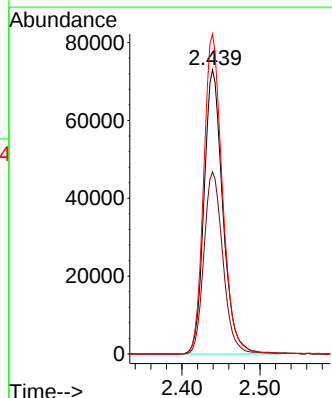
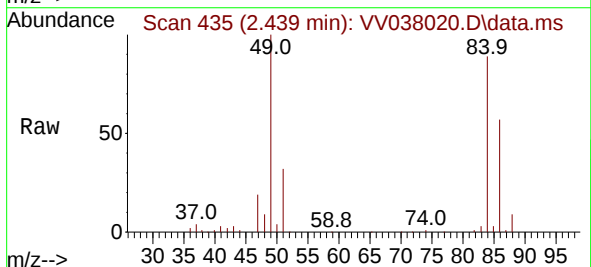
Tgt Ion: 84 Resp: 122237

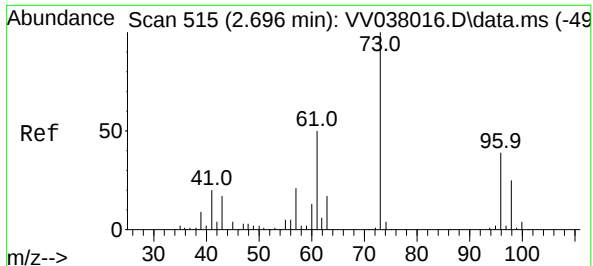
Ion Ratio Lower Upper

84 100

86 64.1 44.4 82.5

49 112.6 77.1 143.3



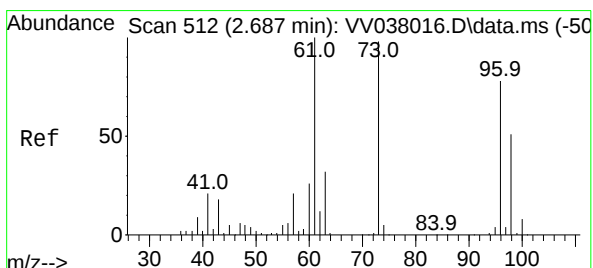
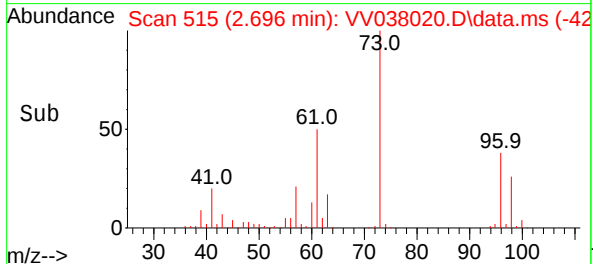
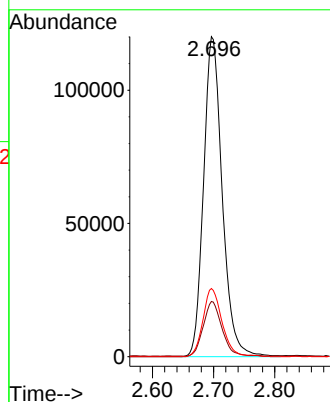
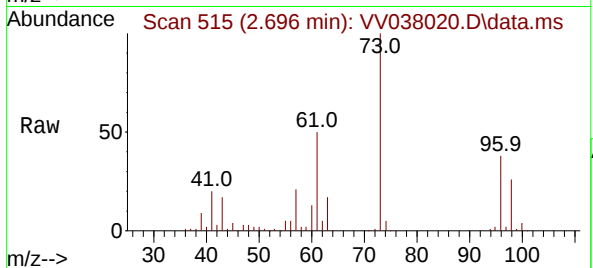


#17
Methyl tert-butyl Ether
Concen: 4.799 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 73 Resp: 255351

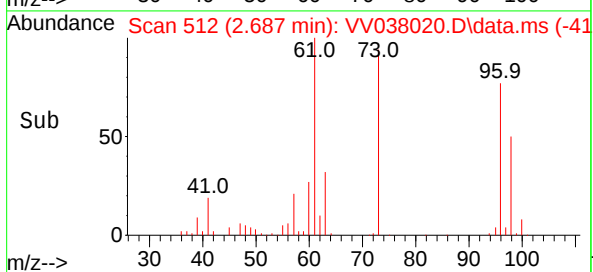
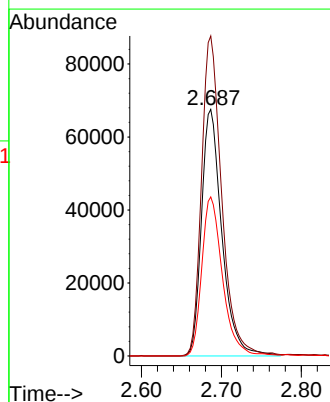
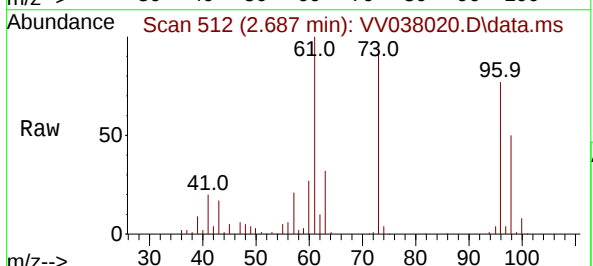
Ion	Ratio	Lower	Upper
73	100		
43	16.9	14.1	21.1
57	21.8	17.2	25.8

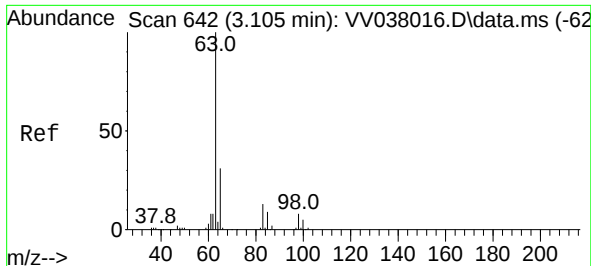


#18
trans-1,2-Dichloroethene
Concen: 5.077 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion: 96 Resp: 119993

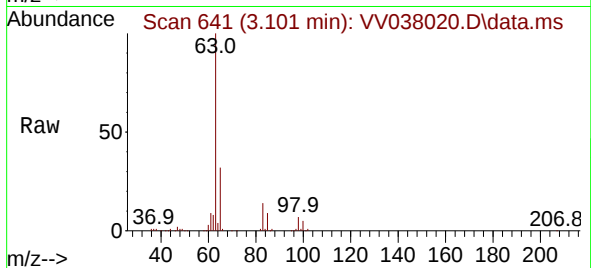
Ion	Ratio	Lower	Upper
96	100		
61	129.8	90.2	167.6
98	64.5	45.7	84.9



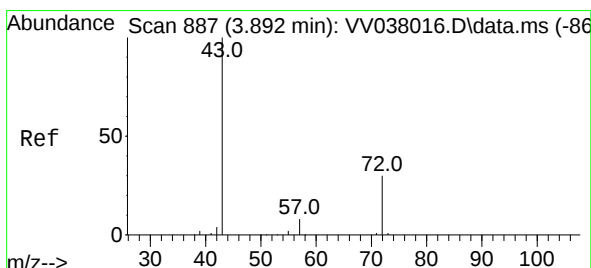
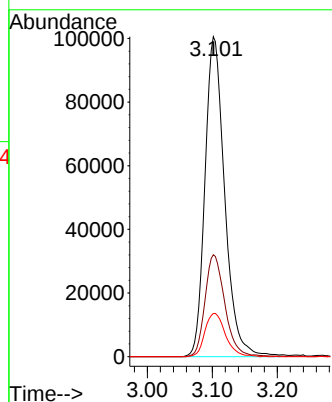
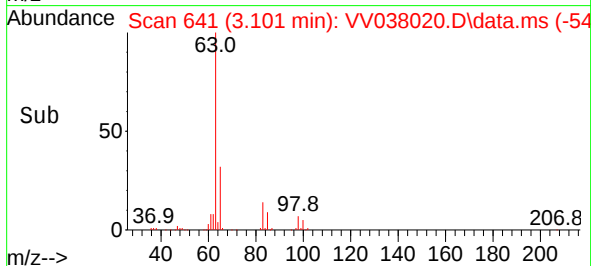


#19
1,1-Dichloroethane
Concen: 5.011 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Instrument :
MSVOA_V
ClientSampleId :

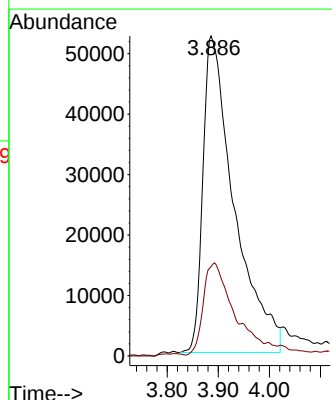
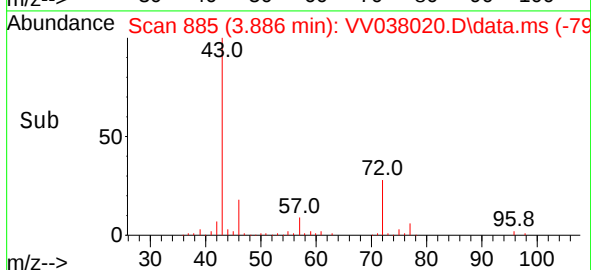
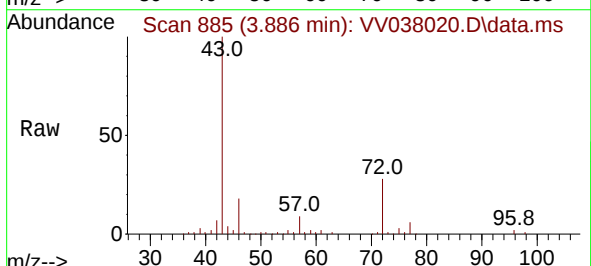


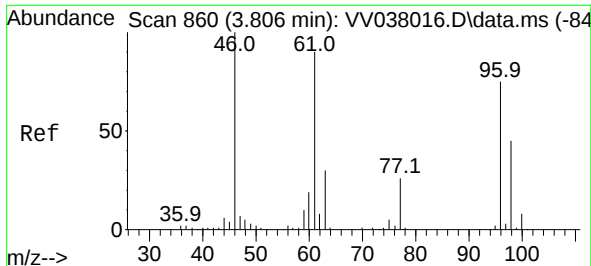
Tgt Ion: 63 Resp: 212760
Ion Ratio Lower Upper
63 100
65 31.8 22.0 40.8
83 13.5 9.2 17.2



#21
2-Butanone
Concen: 40.250 ug/L
RT: 3.886 min Scan# 885
Delta R.T. -0.006 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion: 43 Resp: 222661
Ion Ratio Lower Upper
43 100
72 28.2 14.2 42.6

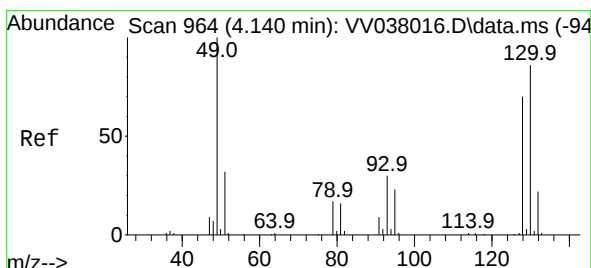
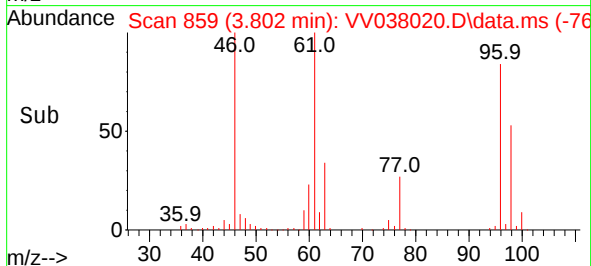
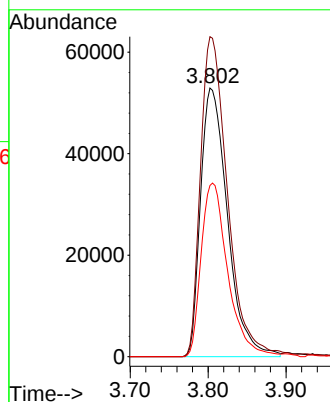
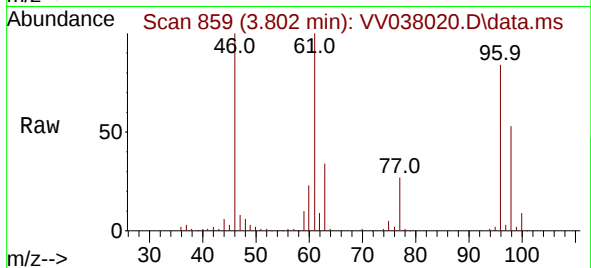




#22
 cis-1,2-Dichloroethene
 Concen: 5.122 ug/L
 RT: 3.802 min Scan# 859
 Delta R.T. -0.003 min
 Lab File: VV038020.D
 Acq: 12 Nov 2024 14:28

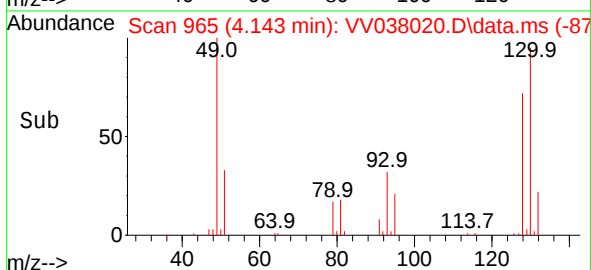
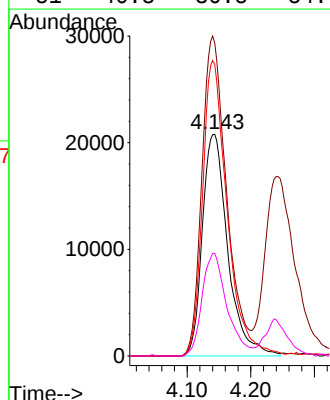
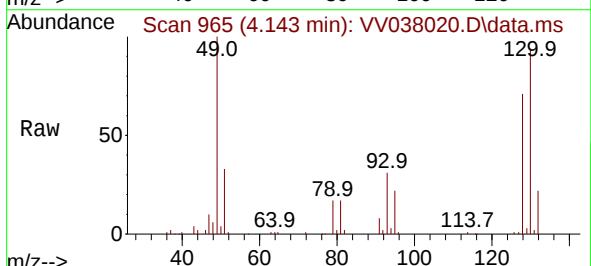
Instrument :
 MSVOA_V
 ClientSampleId :

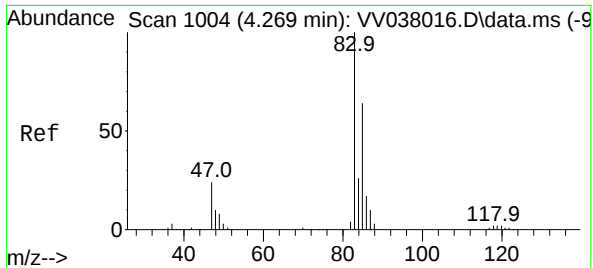
Tgt Ion: 96 Resp: 127220
 Ion Ratio Lower Upper
 96 100
 61 119.1 84.1 156.3
 98 63.7 42.6 79.0



#23
 Bromochloromethane
 Concen: 5.048 ug/L
 RT: 4.143 min Scan# 965
 Delta R.T. 0.003 min
 Lab File: VV038020.D
 Acq: 12 Nov 2024 14:28

Tgt Ion:128 Resp: 57580
 Ion Ratio Lower Upper
 128 100
 49 141.1 100.4 186.4
 130 131.4 86.1 159.9
 51 46.3 36.5 54.7

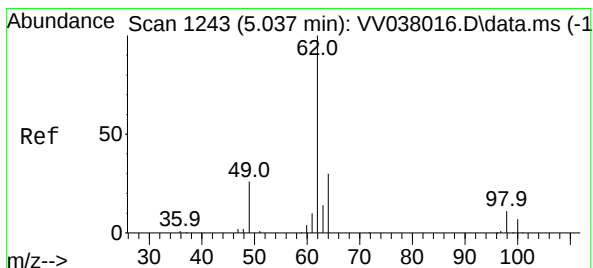
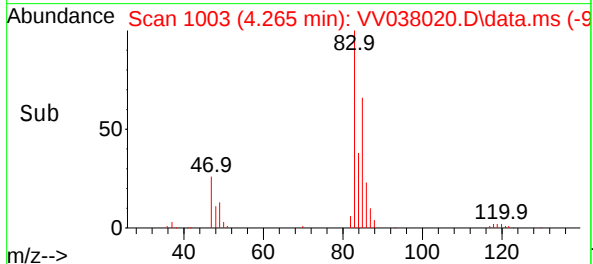
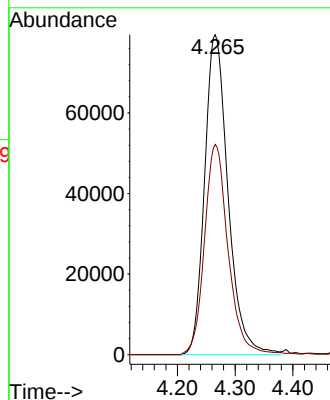
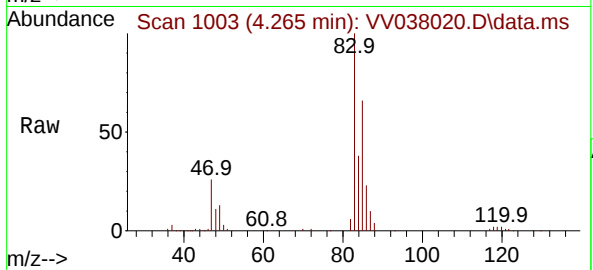




#25
Chloroform
Concen: 4.999 ug/L
RT: 4.265 min Scan# 1004
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

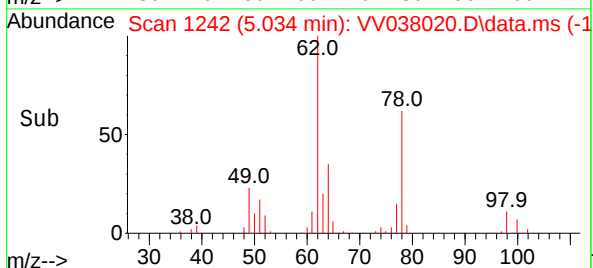
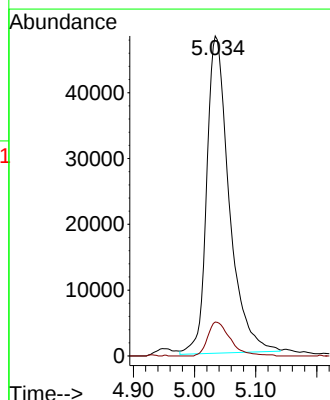
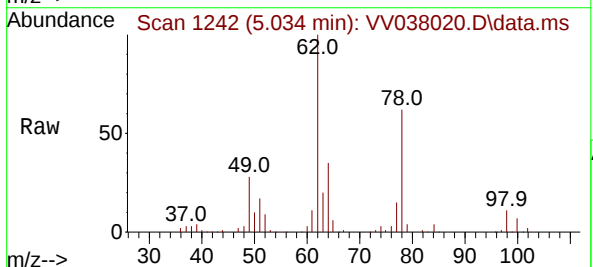
Instrument :
MSVOA_V
ClientSampleId :

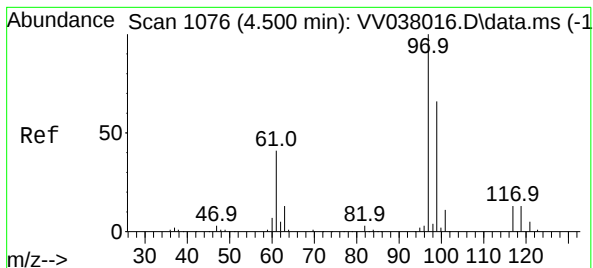
Tgt Ion: 83 Resp: 224106
Ion Ratio Lower Upper
83 100
85 65.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 4.888 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion: 62 Resp: 123234
Ion Ratio Lower Upper
62 100
98 10.6 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.028 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

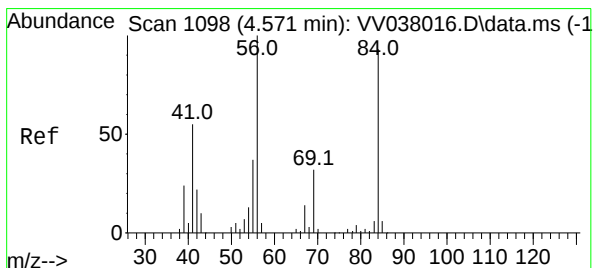
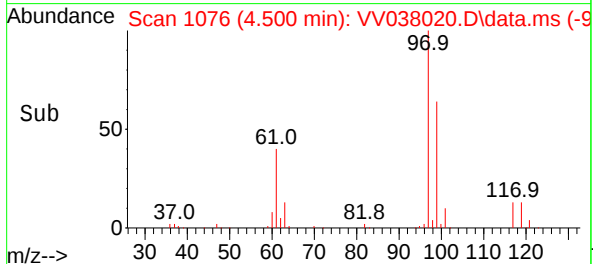
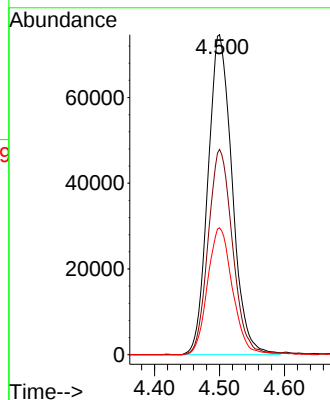
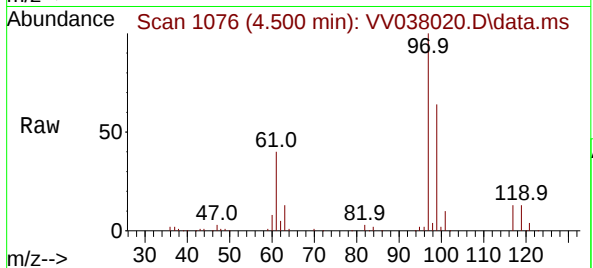
Tgt Ion: 97 Resp: 193034

Ion Ratio Lower Upper

97 100

99 64.7 52.3 78.5

61 40.9 33.6 50.4



#30

Cyclohexane

Concen: 5.177 ug/L

RT: 4.568 min Scan# 1097

Delta R.T. -0.003 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

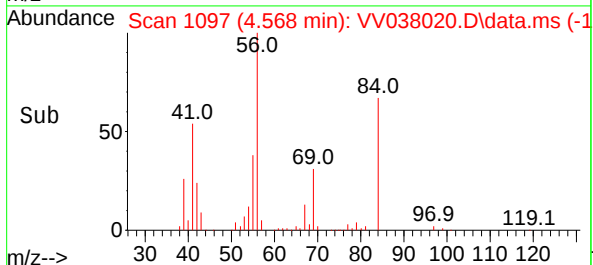
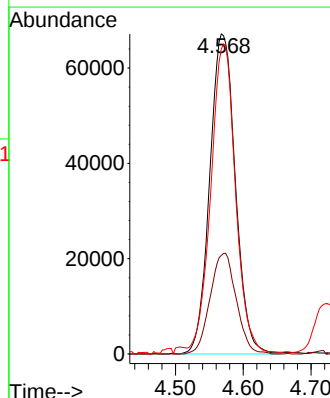
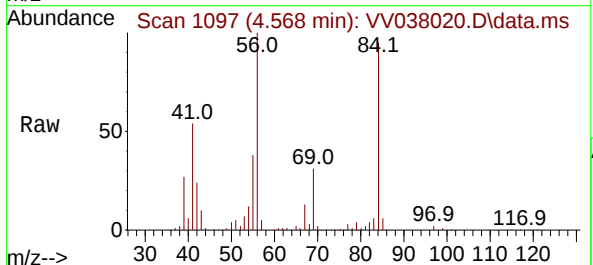
Tgt Ion: 56 Resp: 175969

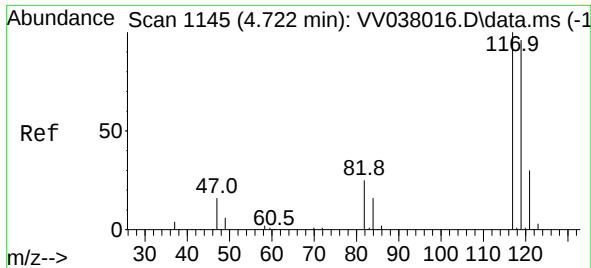
Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

84 92.2 75.7 113.5

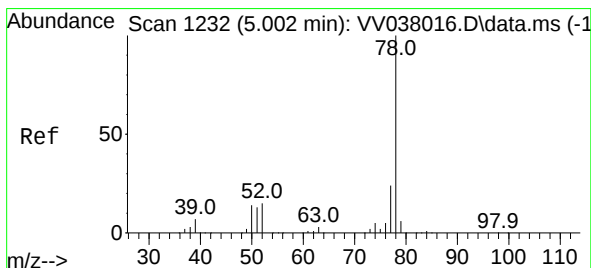
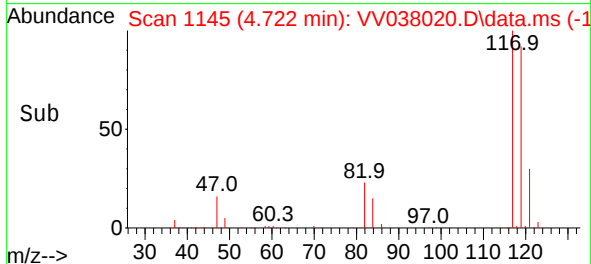
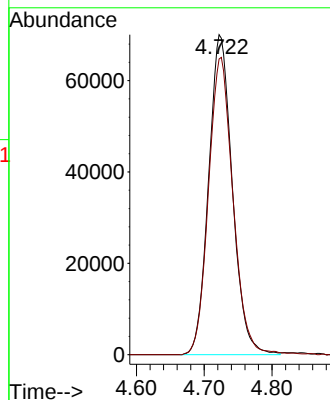
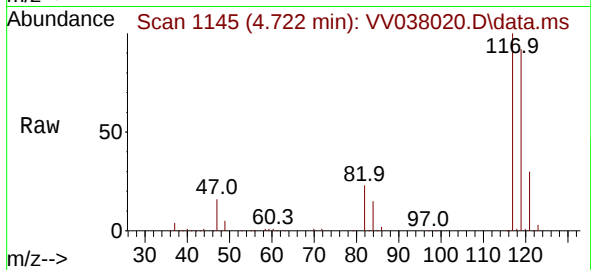




#31
Carbon tetrachloride
Concen: 5.086 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

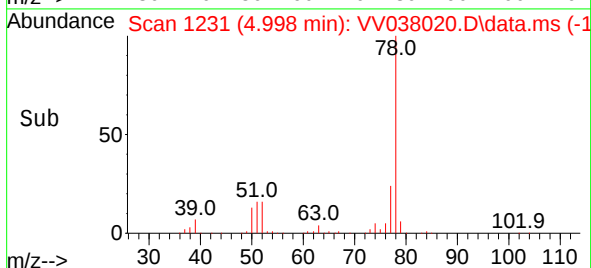
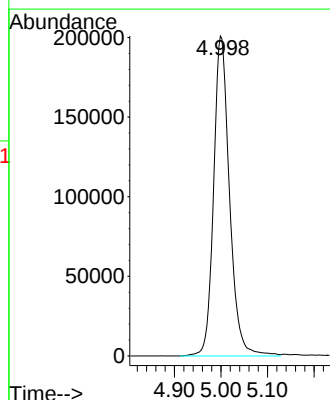
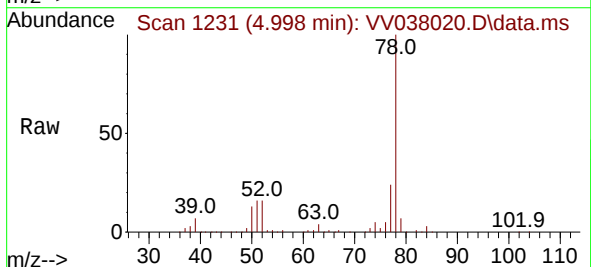
Instrument :
MSVOA_V
ClientSampleId :

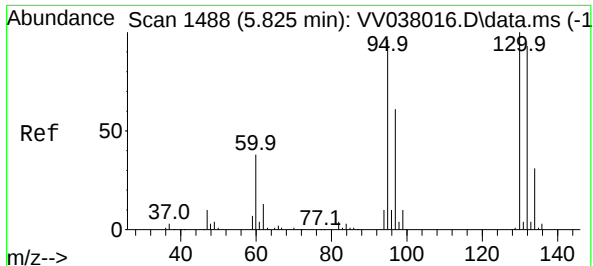
Tgt Ion:117 Resp: 170046
Ion Ratio Lower Upper
117 100
119 96.0 76.6 115.0



#33
Benzene
Concen: 5.280 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion: 78 Resp: 477566





#34

Trichloroethene

Concen: 5.079 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.000 min

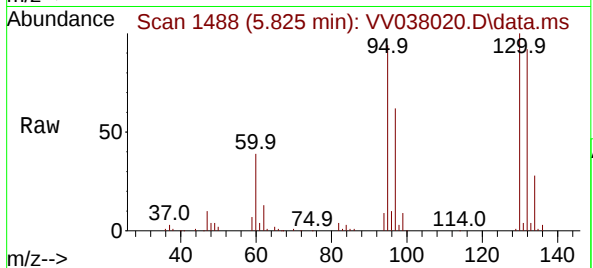
Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 125574

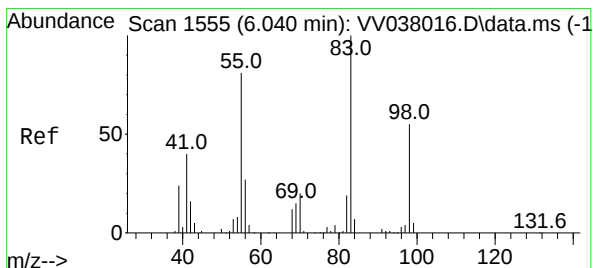
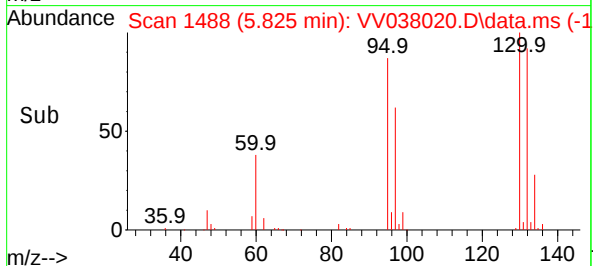
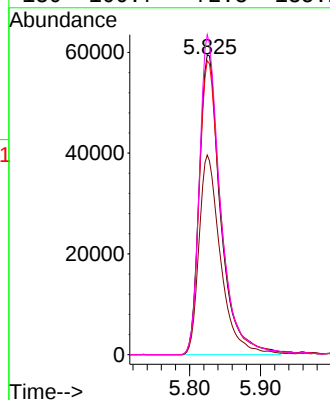
Ion Ratio Lower Upper

95 100

97 66.6 44.5 82.7

132 98.0 67.9 126.1

130 106.7 72.8 135.2



#35

Methylcyclohexane

Concen: 5.039 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

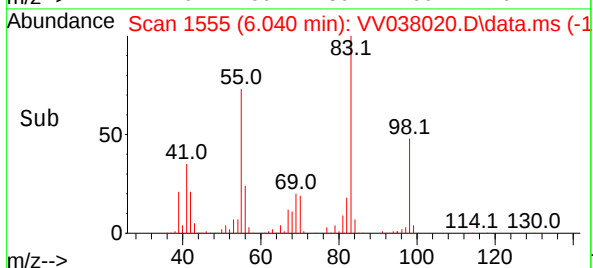
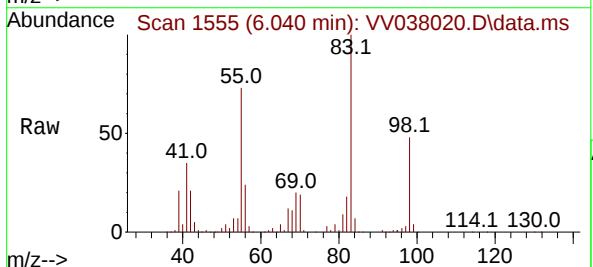
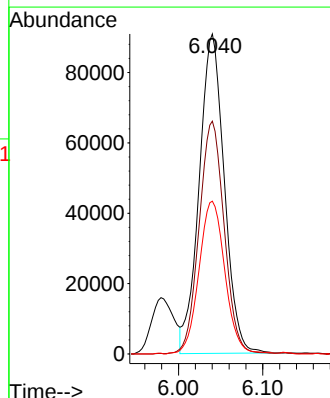
Tgt Ion: 83 Resp: 188119

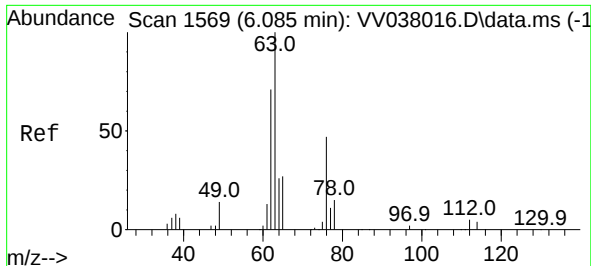
Ion Ratio Lower Upper

83 100

55 73.0 58.8 88.2

98 49.7 40.2 60.2

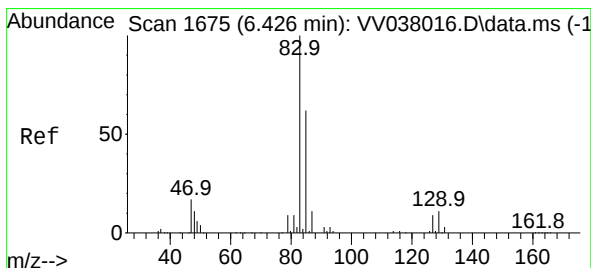
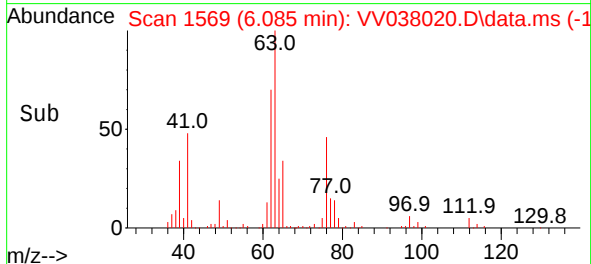
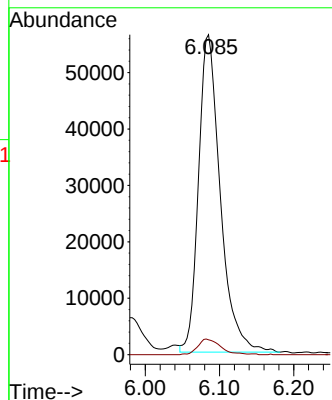
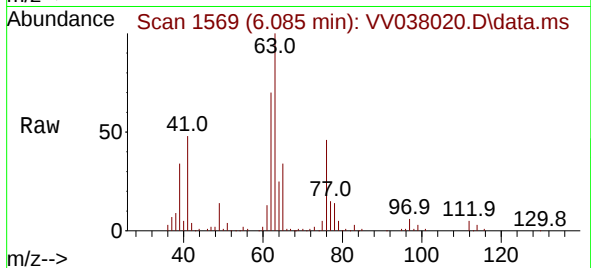




#37
1,2-Dichloropropane
Concen: 5.136 ug/L
RT: 6.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

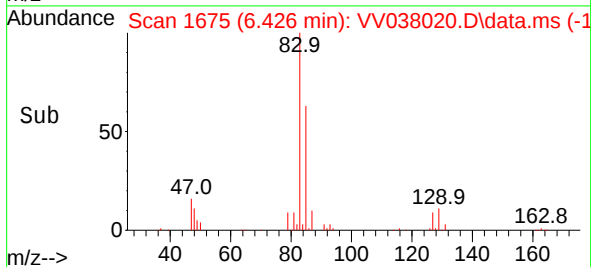
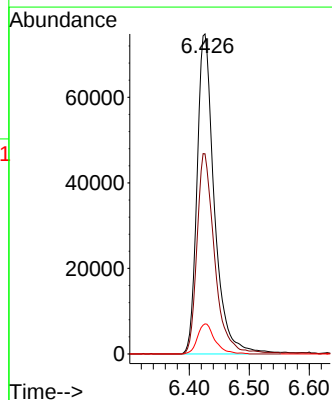
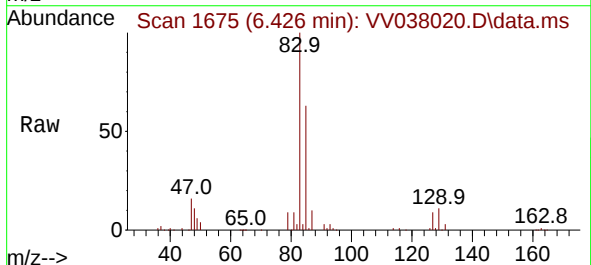
Instrument :
MSVOA_V
ClientSampleId :

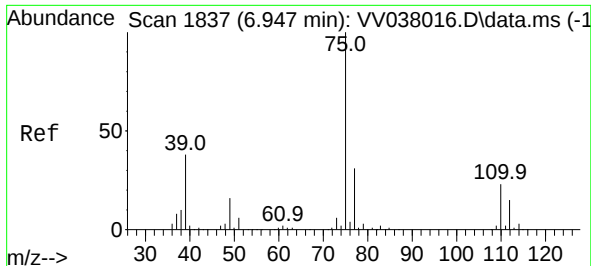
Tgt Ion: 63 Resp: 114904
Ion Ratio Lower Upper
63 100
112 5.1 4.1 6.1



#38
Bromodichloromethane
Concen: 5.061 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion: 83 Resp: 150449
Ion Ratio Lower Upper
83 100
85 62.6 43.6 81.0
127 9.4 7.0 10.6

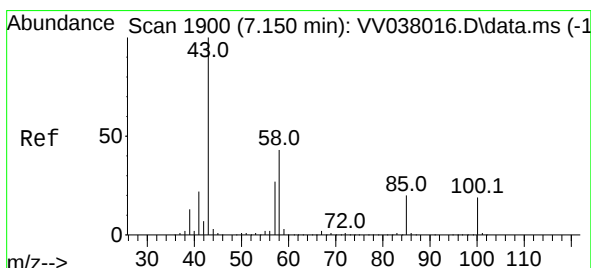
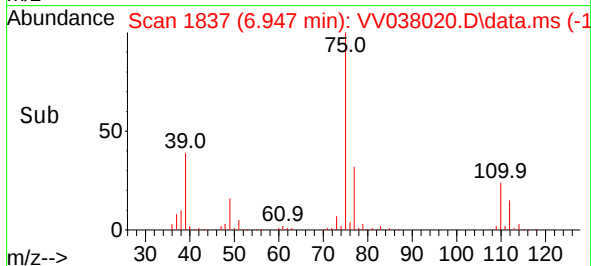
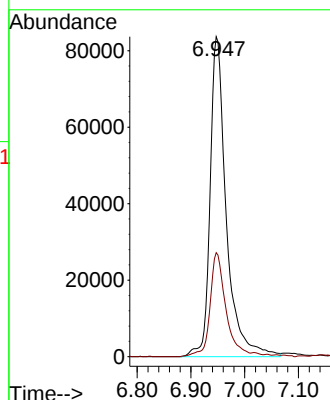
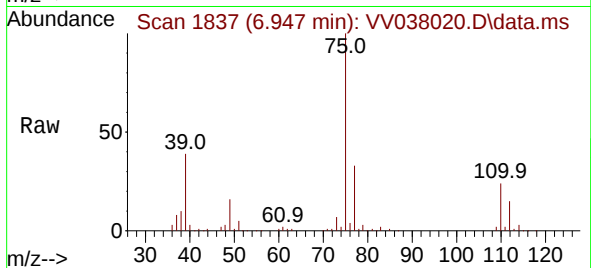




#39
 cis-1,3-Dichloropropene
 Concen: 5.252 ug/L
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV038020.D
 Acq: 12 Nov 2024 14:28

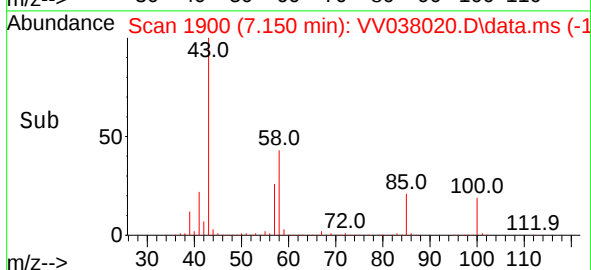
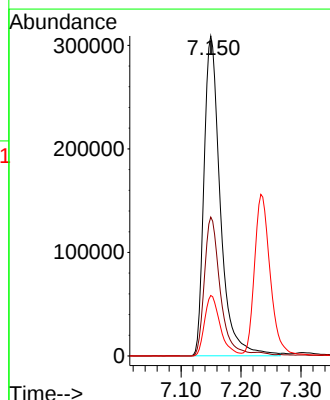
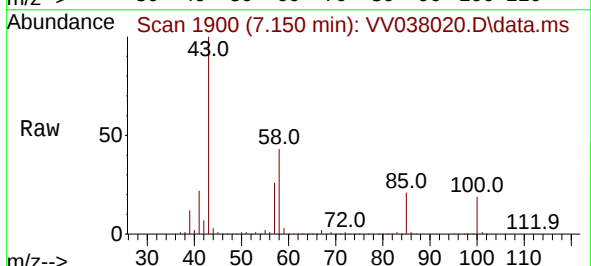
Instrument :
 MSVOA_V
 ClientSampleId :

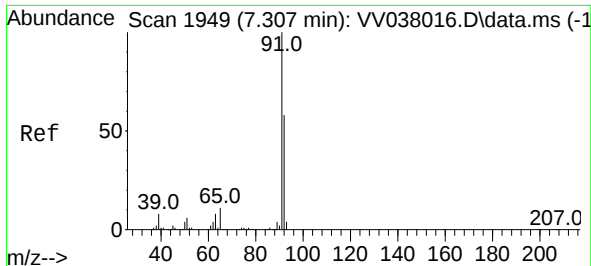
Tgt Ion: 75 Resp: 175195
 Ion Ratio Lower Upper
 75 100
 77 32.5 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 46.646 ug/L
 RT: 7.150 min Scan# 1900
 Delta R.T. -0.000 min
 Lab File: VV038020.D
 Acq: 12 Nov 2024 14:28

Tgt Ion: 43 Resp: 586751
 Ion Ratio Lower Upper
 43 100
 58 42.0 34.1 51.1
 100 18.2 14.7 22.1





#42

Toluene

Concen: 5.358 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

Instrument :

MSVOA_V

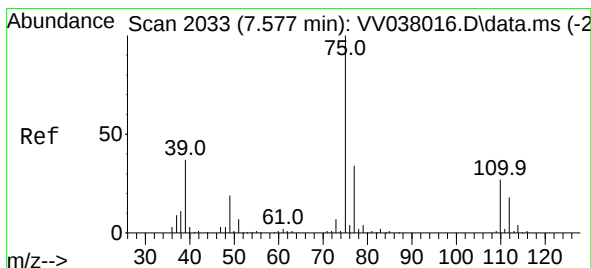
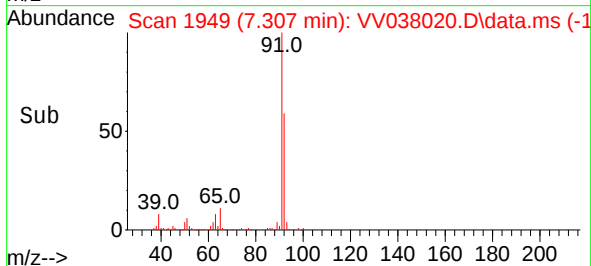
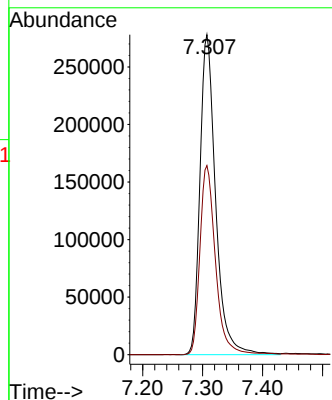
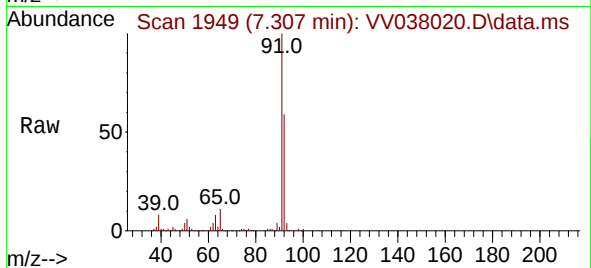
ClientSampleId :

Tgt Ion: 91 Resp: 506271

Ion Ratio Lower Upper

91 100

92 59.1 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.065 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV038020.D

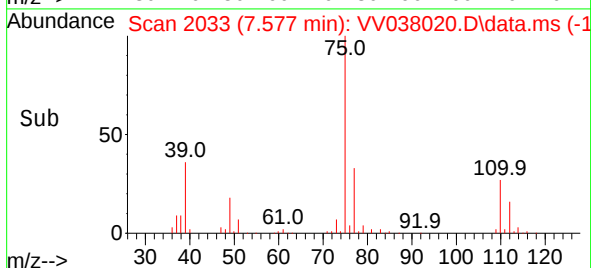
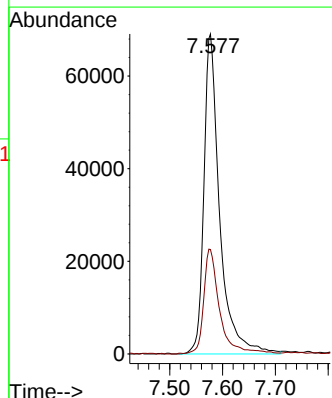
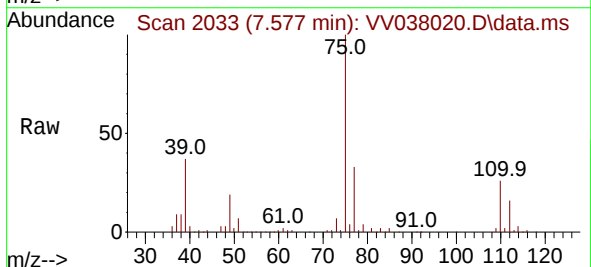
Acq: 12 Nov 2024 14:28

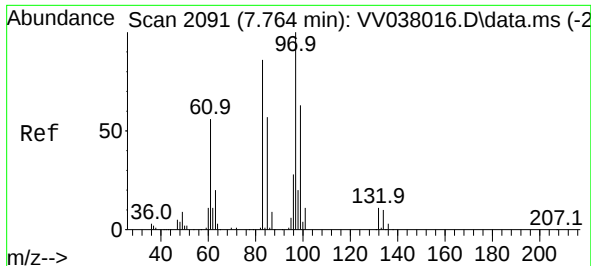
Tgt Ion: 75 Resp: 143422

Ion Ratio Lower Upper

75 100

77 32.6 23.6 43.8

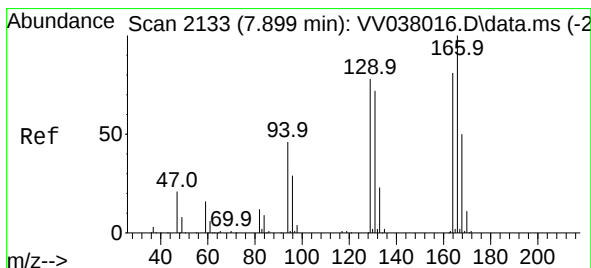
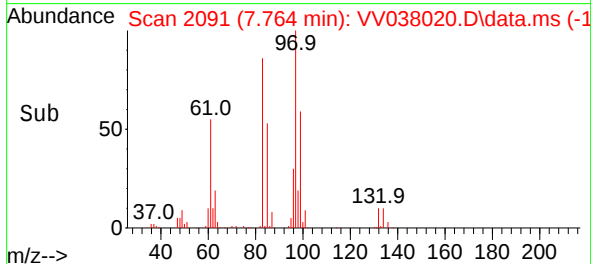
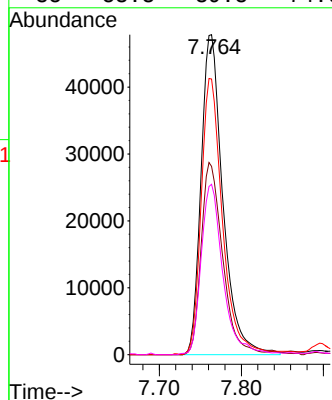
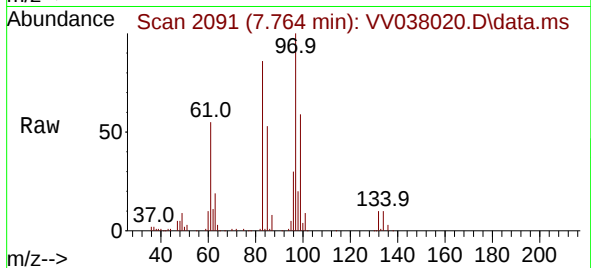




#45
1,1,2-Trichloroethane
Concen: 4.936 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

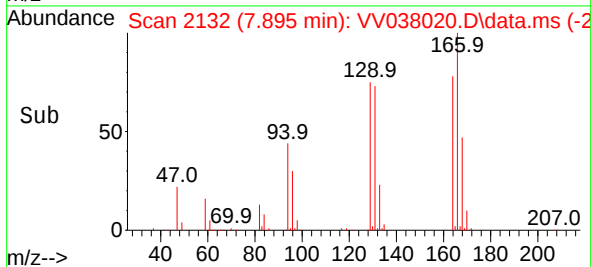
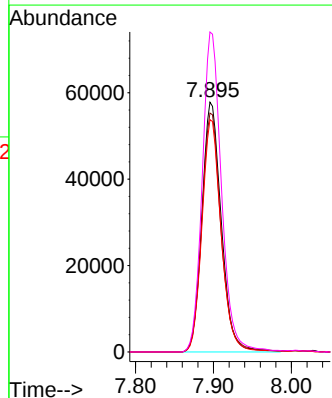
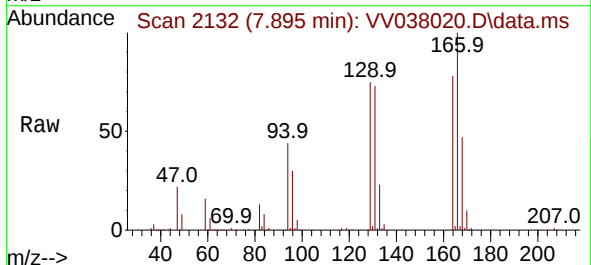
Instrument :
MSVOA_V
ClientSampleId :

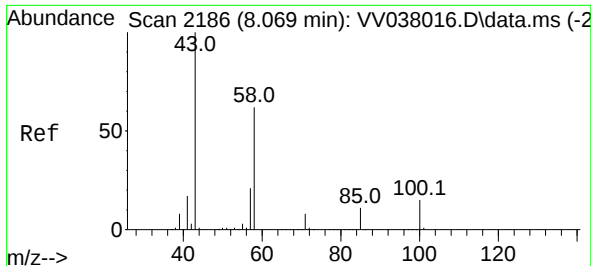
Tgt Ion:	97	Resp:	88583
Ion	Ratio	Lower	Upper
97	100		
99	58.8	44.0	81.8
83	86.1	60.1	111.5
85	53.3	39.8	74.0



#47
Tetrachloroethene
Concen: 5.143 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion:	164	Resp:	99770
Ion	Ratio	Lower	Upper
164	100		
129	95.6	67.8	125.8
131	93.0	62.6	116.3
166	128.1	86.8	161.2





#48

2-Hexanone

Concen: 45.689 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 413467

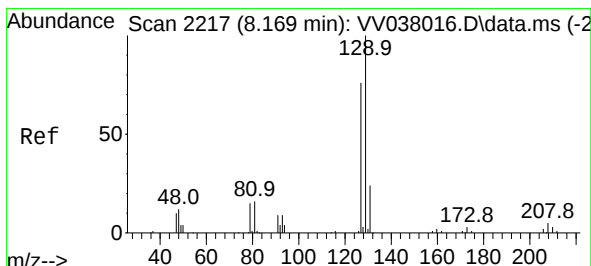
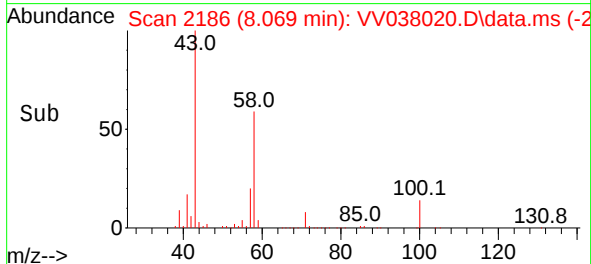
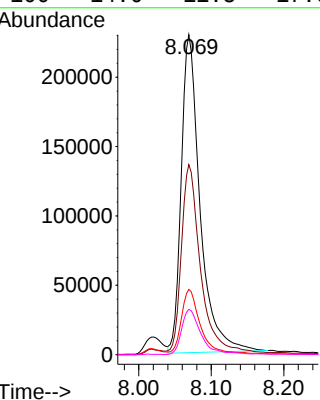
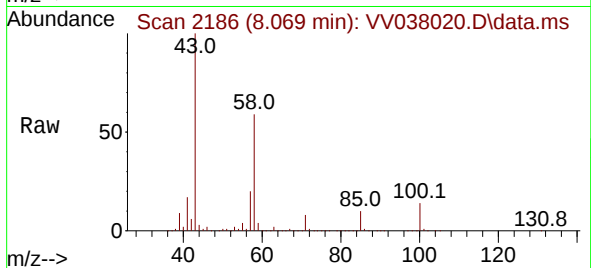
Ion Ratio Lower Upper

43 100

58 60.1 48.9 73.3

57 20.6 16.6 24.8

100 14.6 11.8 17.6



#49

Dibromochloromethane

Concen: 5.088 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV038020.D

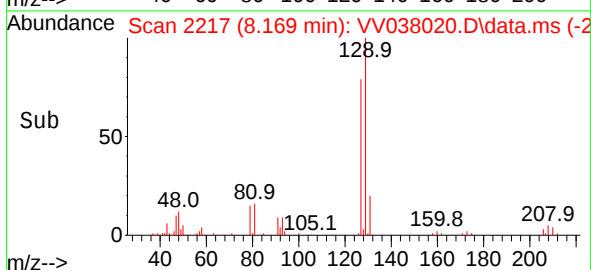
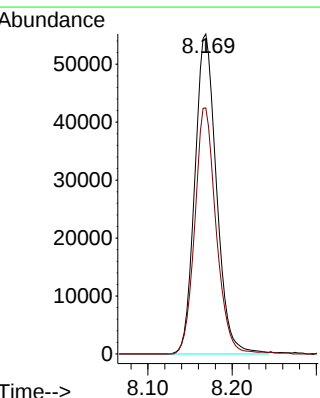
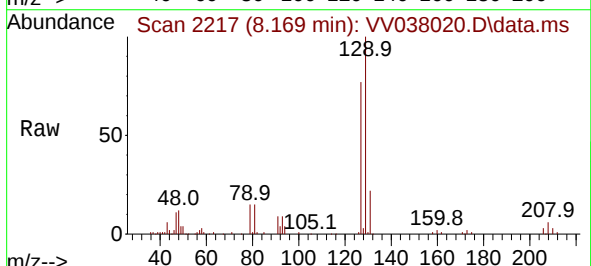
Acq: 12 Nov 2024 14:28

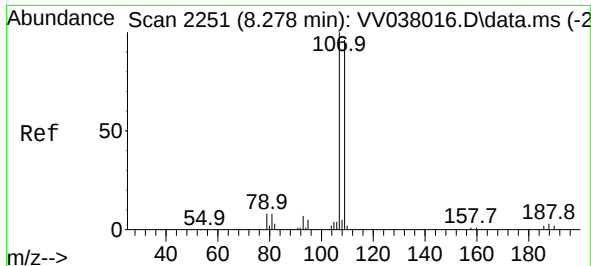
Tgt Ion: 129 Resp: 98440

Ion Ratio Lower Upper

129 100

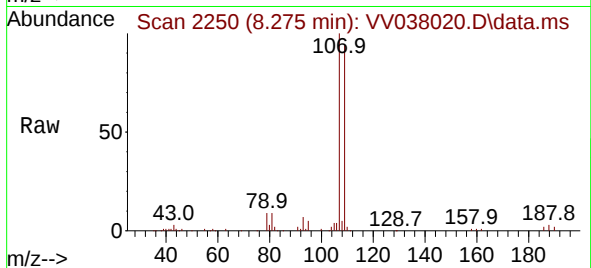
127 76.9 53.3 99.1



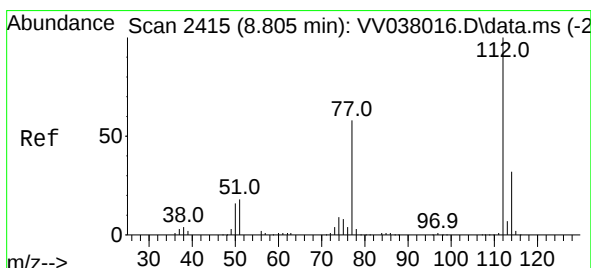
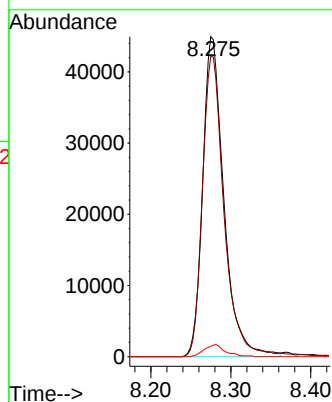
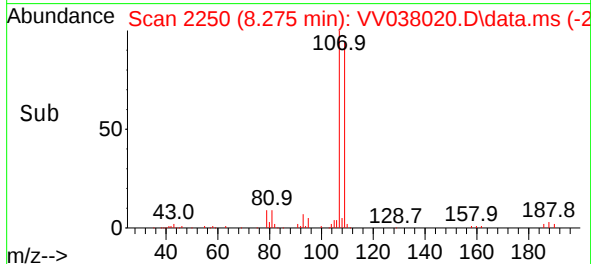


#50
1,2-Dibromoethane
Concen: 4.853 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Instrument :
MSVOA_V
ClientSampleId :

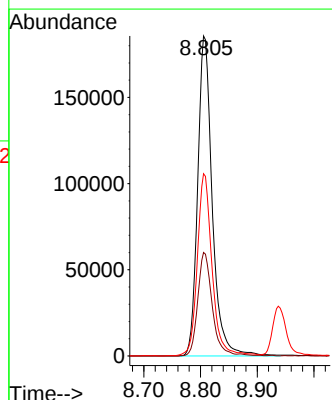
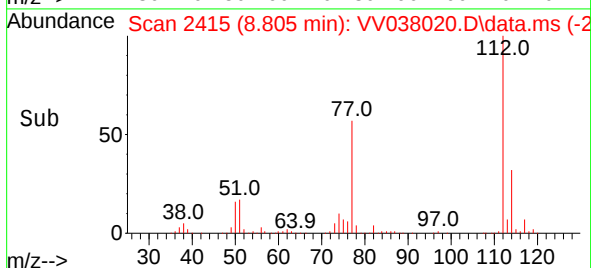
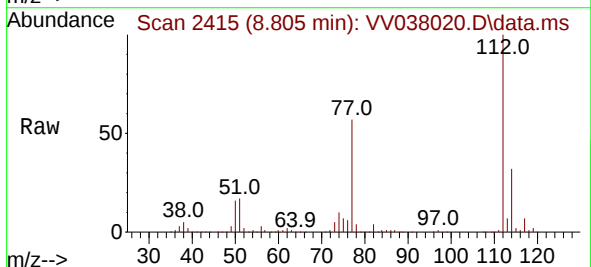


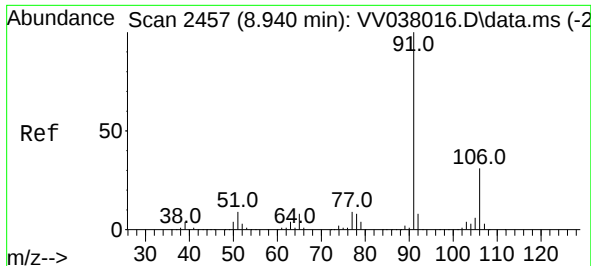
Tgt Ion:107 Resp: 82690
Ion Ratio Lower Upper
107 100
109 93.8 67.1 124.7
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 5.157 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion:112 Resp: 331998
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.3
77 57.0 46.5 69.7

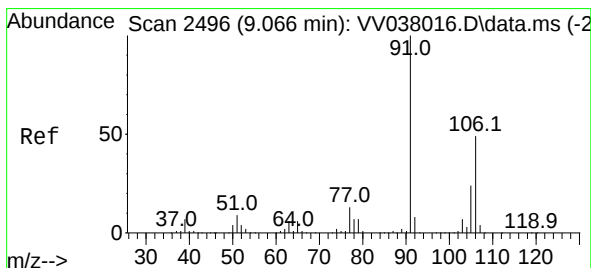
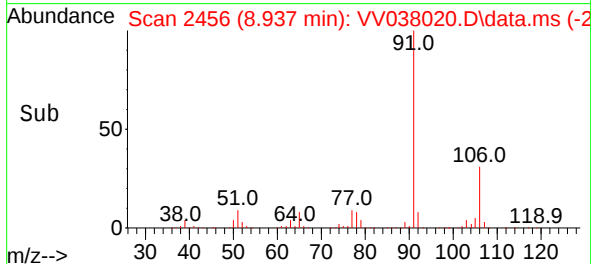
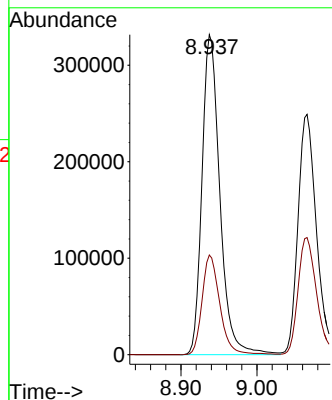
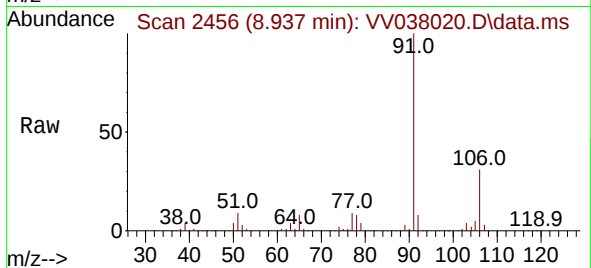




#52
Ethylbenzene
Concen: 5.280 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

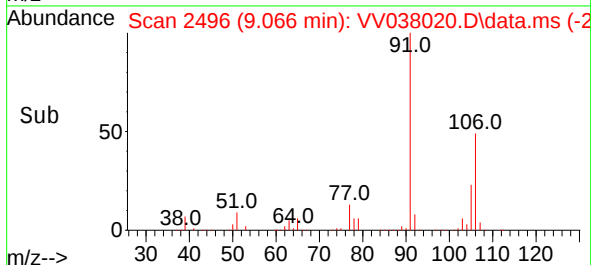
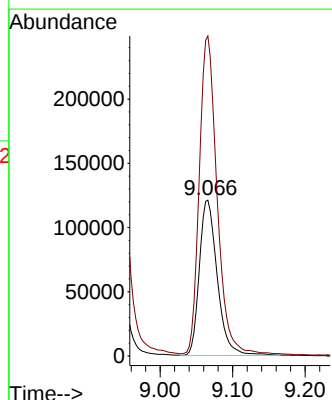
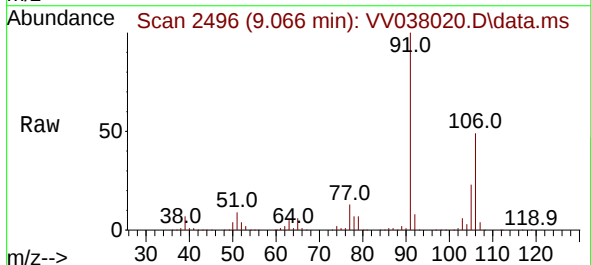
Instrument :
MSVOA_V
ClientSampleId :

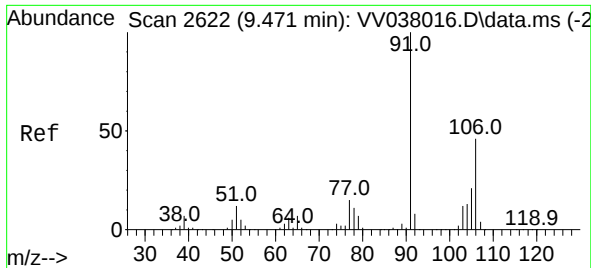
Tgt Ion: 91 Resp: 541943
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0



#53
m,p-Xylene
Concen: 5.373 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion: 106 Resp: 207879
Ion Ratio Lower Upper
106 100
91 205.3 142.7 264.9

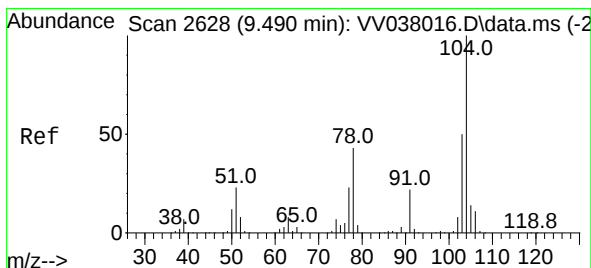
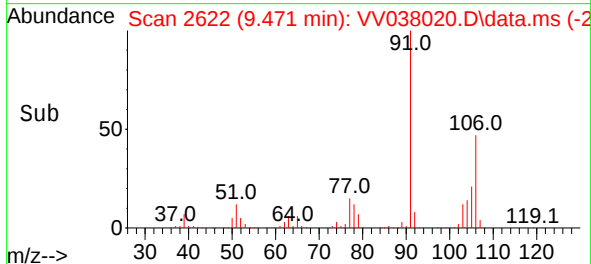
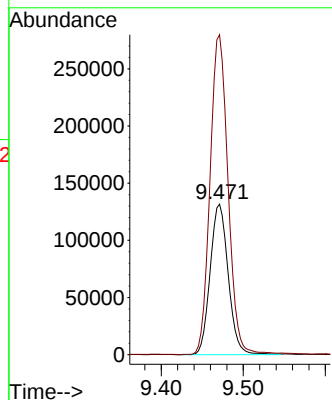
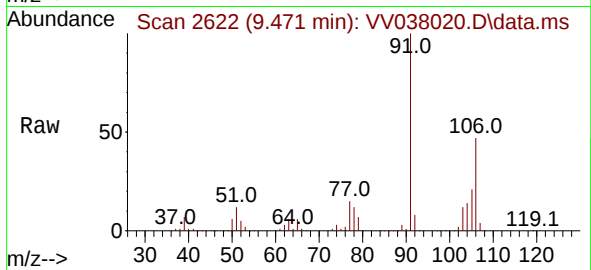




#54
o-Xylene
Concen: 5.396 ug/L
RT: 9.471 min Scan# 202065
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

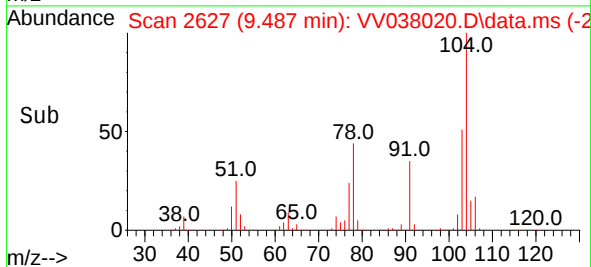
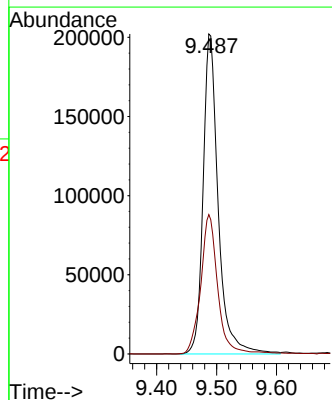
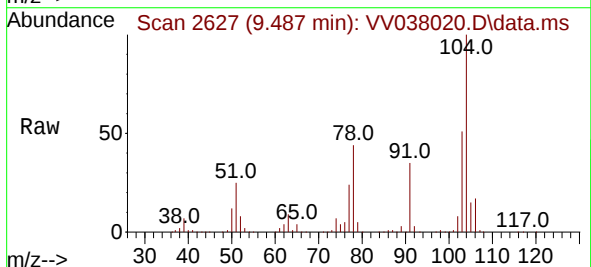
Instrument :
MSVOA_V
ClientSampleId :

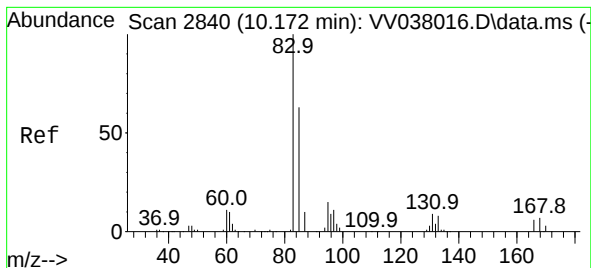
Tgt Ion:106 Resp: 202065
Ion Ratio Lower Upper
106 100
91 212.6 151.0 280.4



#55
Styrene
Concen: 5.426 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion:104 Resp: 353914
Ion Ratio Lower Upper
104 100
78 43.6 30.1 55.9

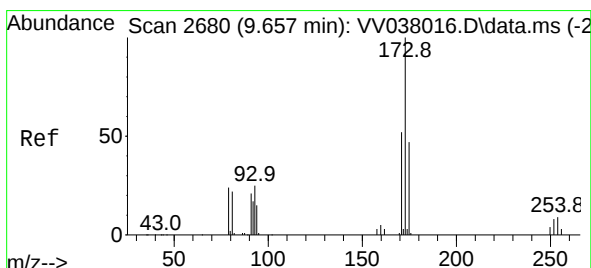
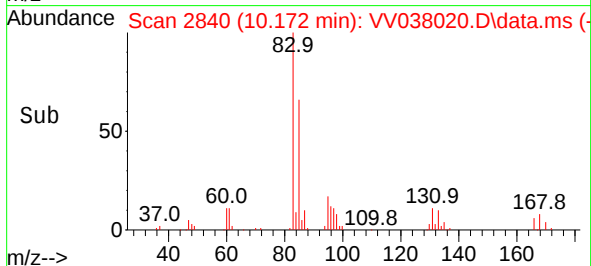
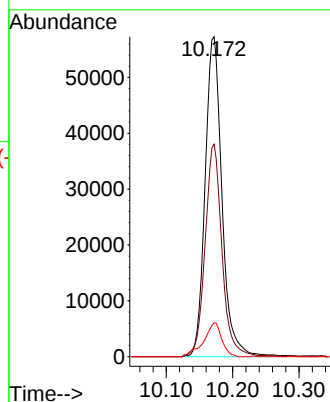
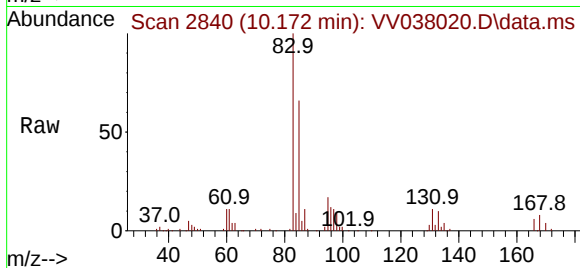




#57
1,1,2,2-Tetrachloroethane
Concen: 4.728 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

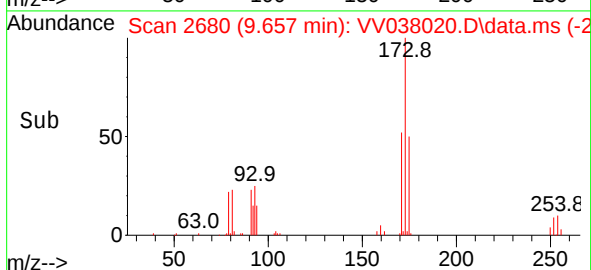
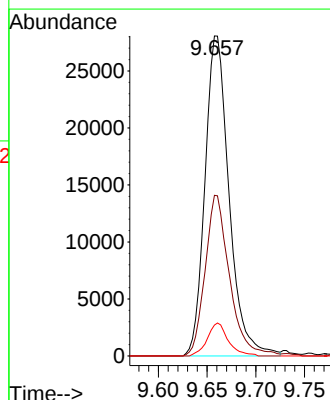
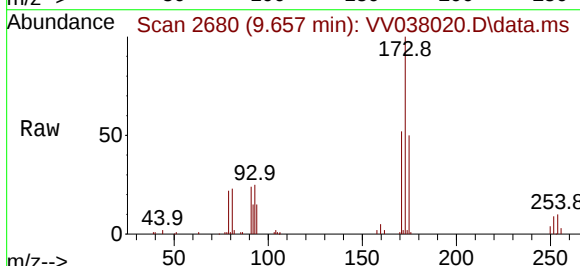
Instrument :
MSVOA_V
ClientSampleId :

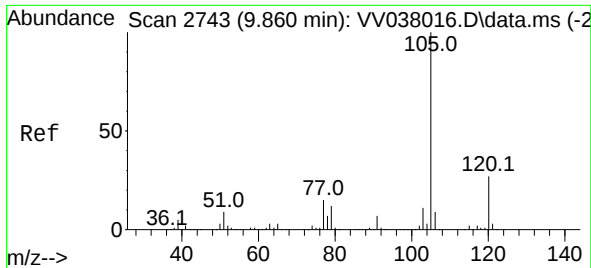
Tgt Ion: 83 Resp: 101277
Ion Ratio Lower Upper
83 100
85 66.4 44.4 82.4
131 10.6 7.8 11.6



#59
Bromoform
Concen: 4.760 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

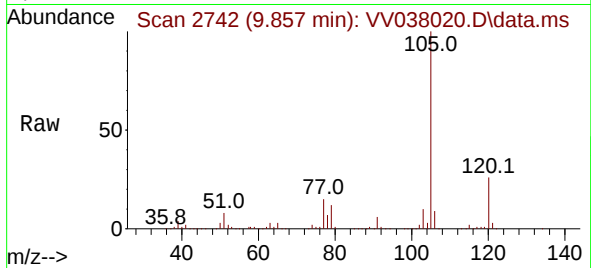
Tgt Ion: 173 Resp: 48370
Ion Ratio Lower Upper
173 100
175 50.6 39.3 58.9
254 9.0 7.5 11.3



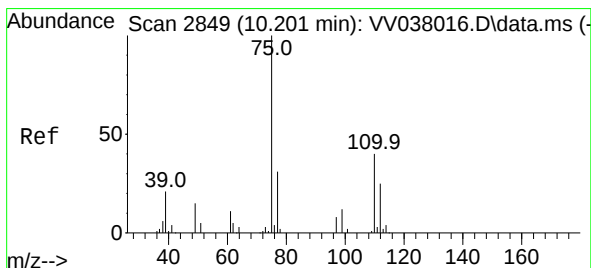
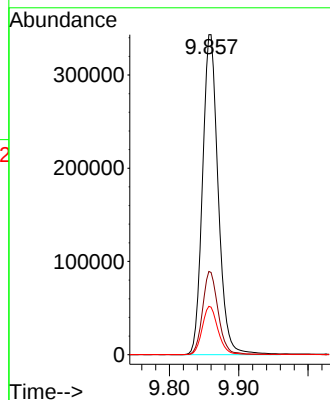
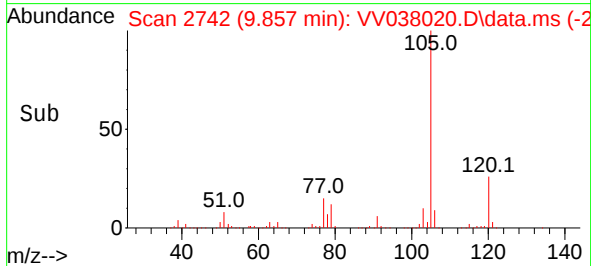


#60
Isopropylbenzene
Concen: 5.219 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

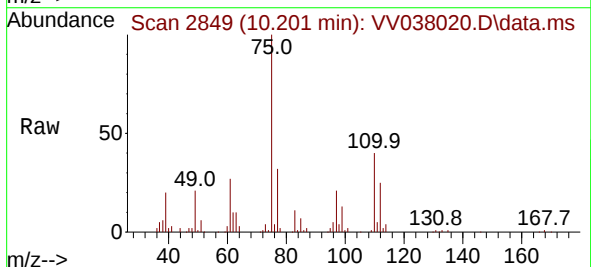
Instrument :
MSVOA_V
ClientSampleId :



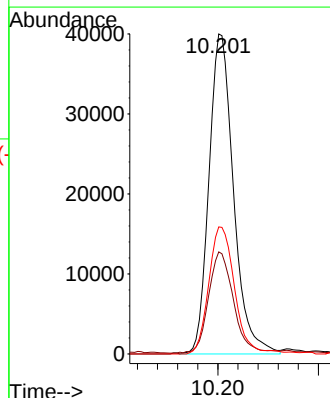
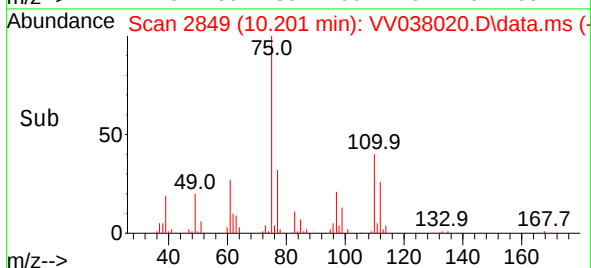
Tgt Ion:105 Resp: 538094
Ion Ratio Lower Upper
105 100
120 25.9 20.8 31.2
77 15.1 12.1 18.1

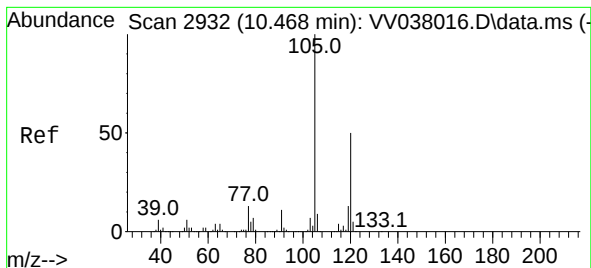


#61
1,2,3-Trichloropropane
Concen: 4.497 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28



Tgt Ion: 75 Resp: 67907
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 41.9 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 5.169 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

Instrument :

MSVOA_V

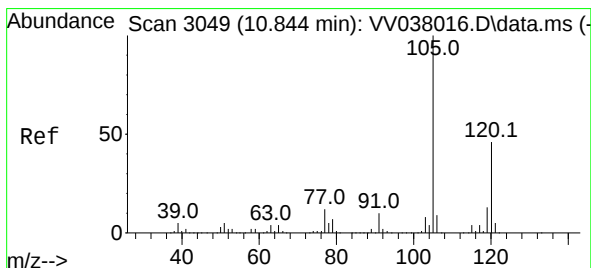
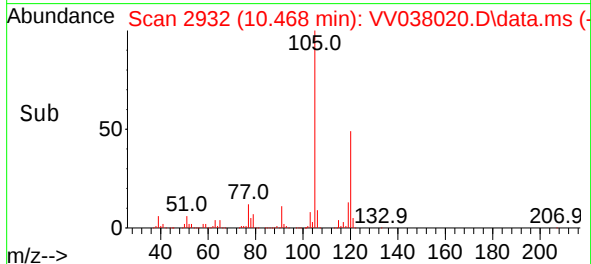
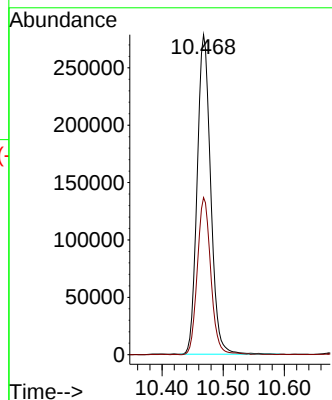
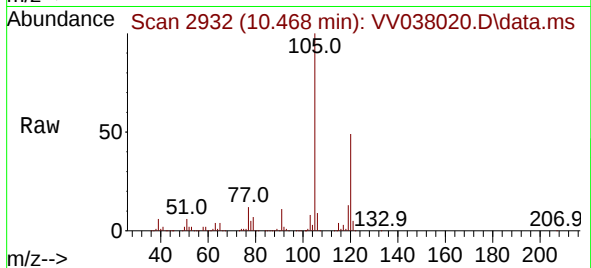
ClientSampleId :

Tgt Ion:105 Resp: 426891

Ion Ratio Lower Upper

105 100

120 49.1 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 5.280 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV038020.D

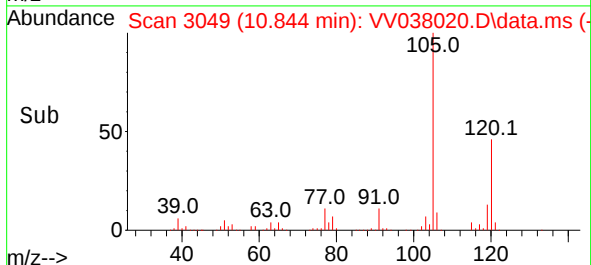
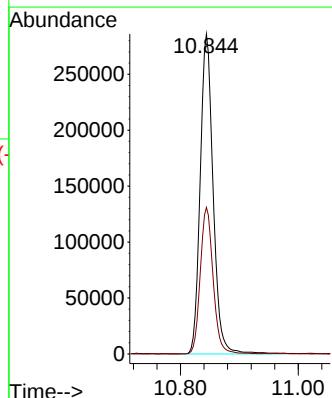
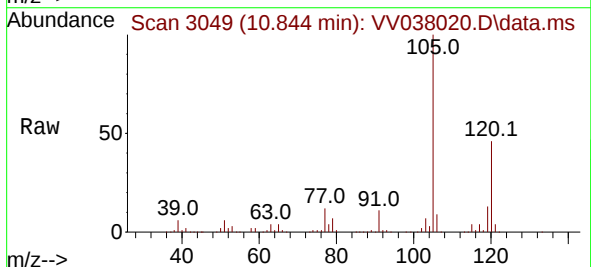
Acq: 12 Nov 2024 14:28

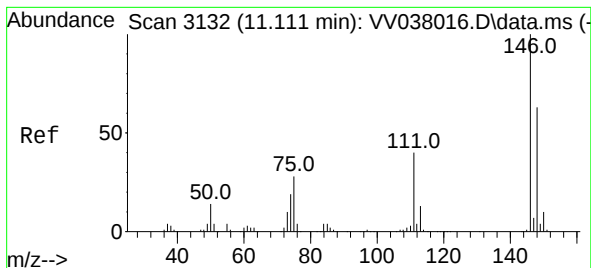
Tgt Ion:105 Resp: 436813

Ion Ratio Lower Upper

105 100

120 45.6 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.037 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

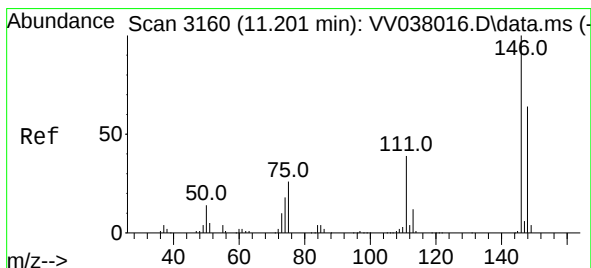
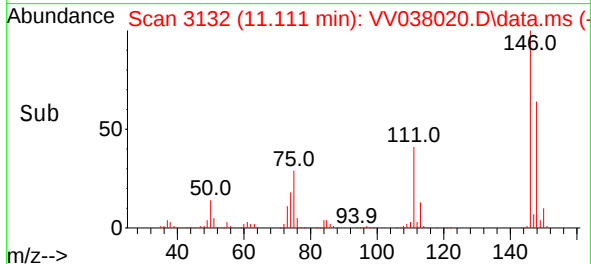
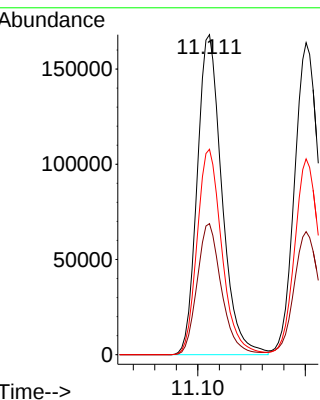
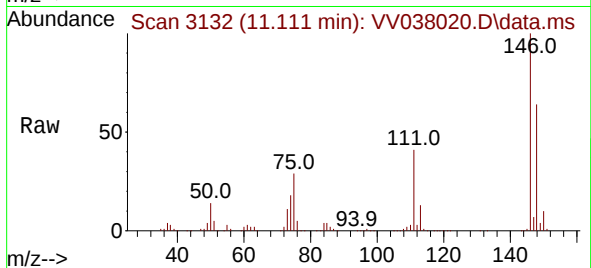
Tgt Ion:146 Resp: 267917

Ion Ratio Lower Upper

146 100

111 40.9 27.6 51.4

148 64.2 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 5.011 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

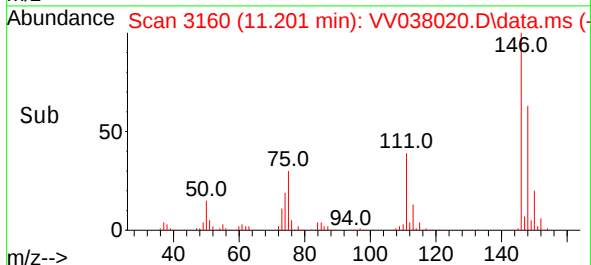
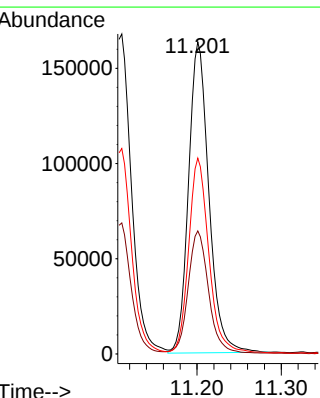
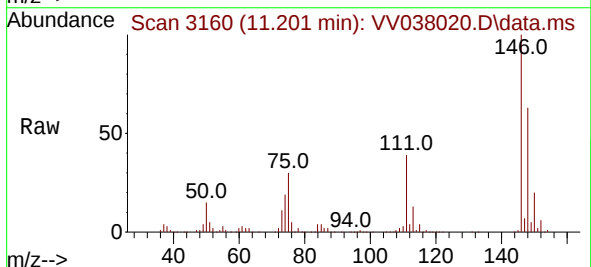
Tgt Ion:146 Resp: 274184

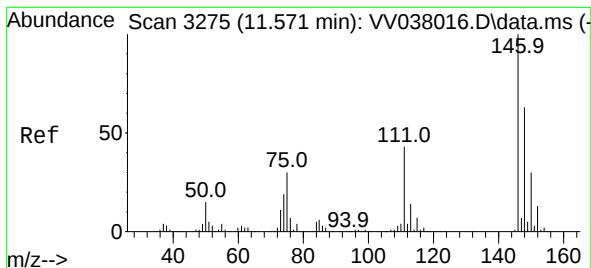
Ion Ratio Lower Upper

146 100

111 39.4 27.8 51.6

148 62.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.946 ug/L

RT: 11.571 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

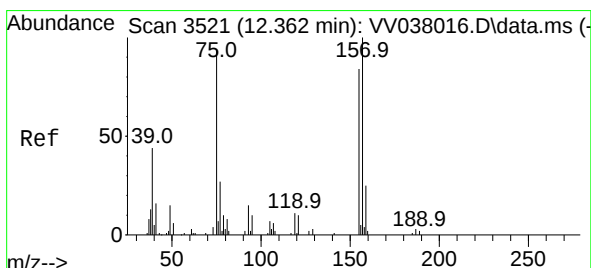
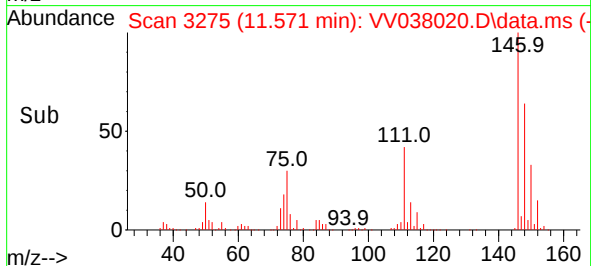
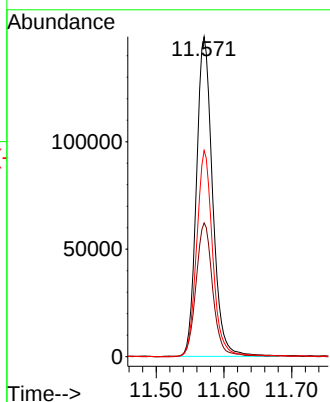
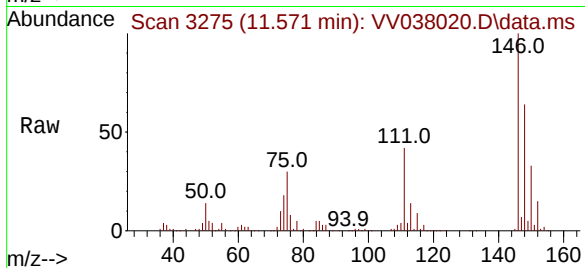
Tgt Ion:146 Resp: 245977

Ion Ratio Lower Upper

146 100

111 41.8 34.5 51.7

148 64.4 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.322 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

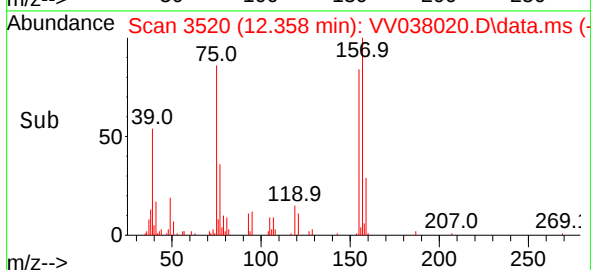
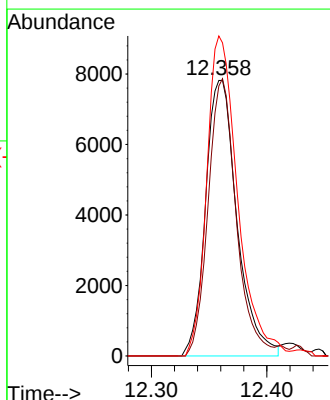
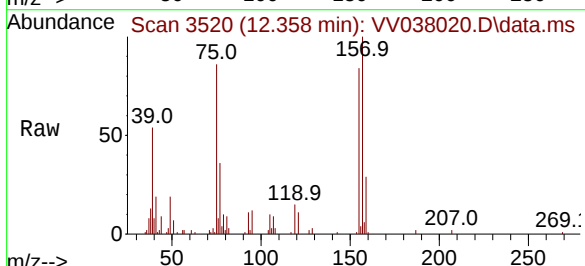
Tgt Ion: 75 Resp: 14793

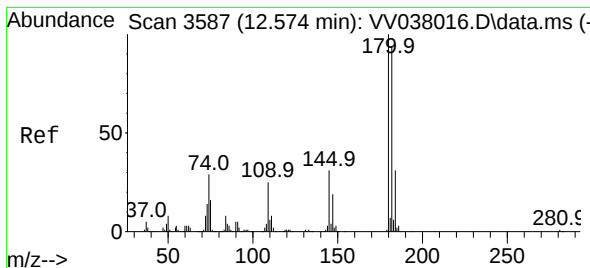
Ion Ratio Lower Upper

75 100

155 97.9 72.0 108.0

157 116.1 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 4.920 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

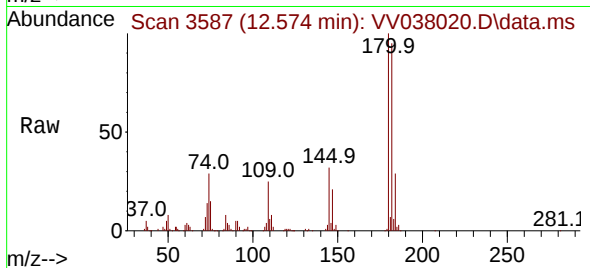
Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 192468

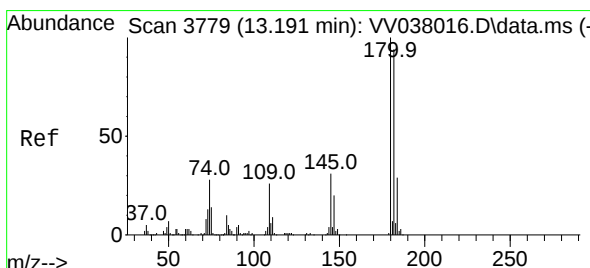
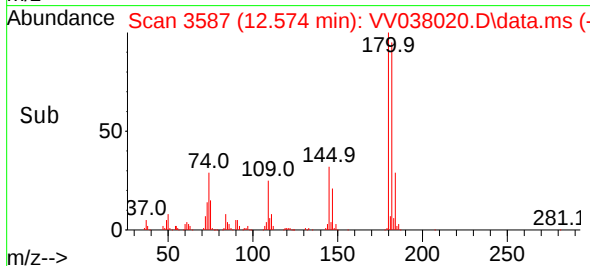
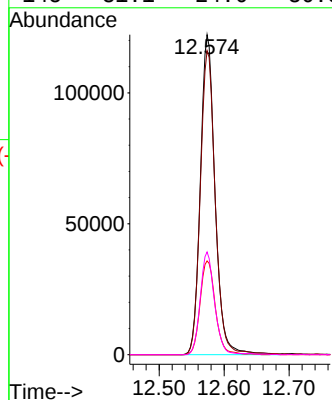
Ion Ratio Lower Upper

180 100

182 96.6 76.2 114.2

184 30.3 24.2 36.2

145 31.1 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.923 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038020.D

Acq: 12 Nov 2024 14:28

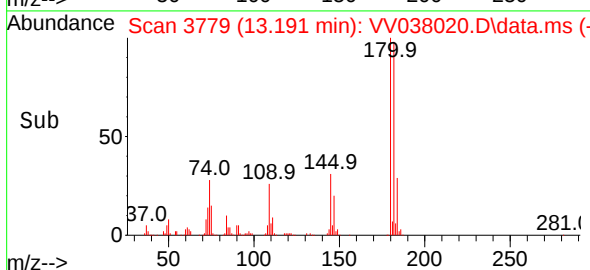
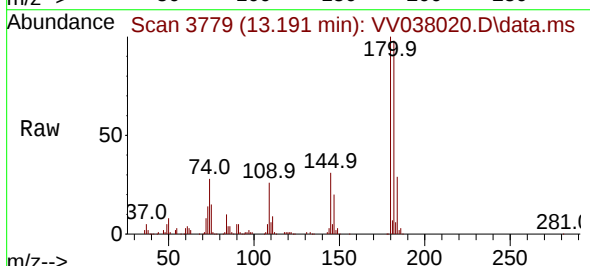
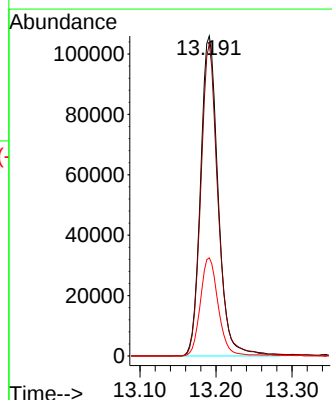
Tgt Ion:180 Resp: 170991

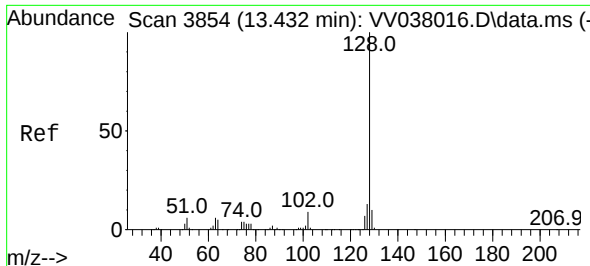
Ion Ratio Lower Upper

180 100

182 94.9 74.6 112.0

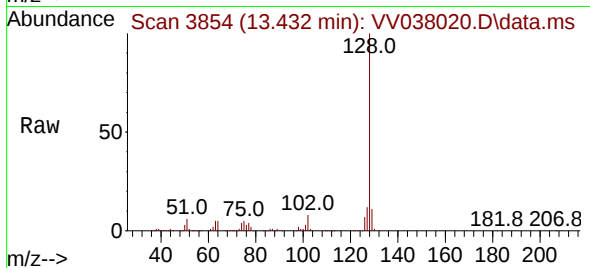
145 31.0 24.8 37.2



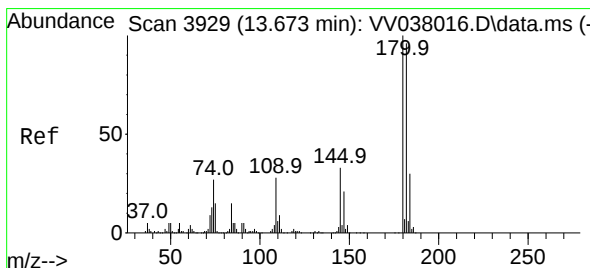
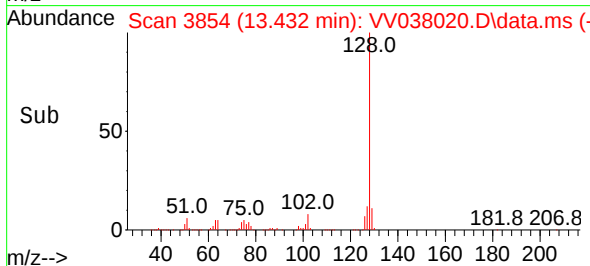
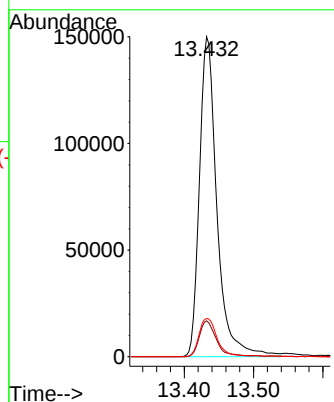


#71
Naphthalene
Concen: 4.174 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.000 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 263915
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.3 9.9 14.9



#72
1,2,3-Trichlorobenzene
Concen: 4.635 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. -0.003 min
Lab File: VV038020.D
Acq: 12 Nov 2024 14:28

Tgt Ion:180 Resp: 151922
Ion Ratio Lower Upper
180 100
182 96.7 76.6 114.8
145 33.8 26.2 39.2

