

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038233.D
 Acq On : 21 Nov 2024 11:57
 Operator : SY/MD
 Sample : P4883-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:43:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	237738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	257844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	107181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	68133	3.739	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.529	69	68866	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.053	65	30890	3.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	3.780	46	188283	51.651	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.300%
24) Chloroform-d	4.243	84	161967	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.937	65	82325	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.954	84	279661	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.982	67	94916	4.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.240	98	221708	3.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	7.558	79	28505	3.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.018	63	155954	52.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.240%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83768	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.555	152	93198	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	9890	0.440	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	5701	0.320	ug/L	92
13) Acetone	2.111	43	11611	4.307	ug/L	91
15) Methyl Acetate	2.111	43	11297	1.725	ug/L #	47
16) Methylene chloride	2.442	84	18568	0.959	ug/L	92
22) cis-1,2-Dichloroethene	3.809	96	17381	0.940	ug/L	95
29) 1,1,1-Trichloroethane	4.500	97	27753	0.897	ug/L	97
31) Carbon tetrachloride	4.507	117	3239	0.119	ug/L	85
34) Trichloroethene	5.825	95	201342	10.198	ug/L	97
35) Methylcyclohexane	5.982	83	24087	0.862	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	10337	0.570	ug/L #	86
42) Toluene	7.326	91	11972	0.156	ug/L	94
47) Tetrachloroethene	7.899	164	115700	7.293	ug/L	98
49) Dibromochloromethane	7.899	129	104719	6.528	ug/L #	11
51) Chlorobenzene	8.815	112	8034	0.152	ug/L	90
61) 1,2,3-Trichloropropane	11.178	75	11646	1.269	ug/L #	63

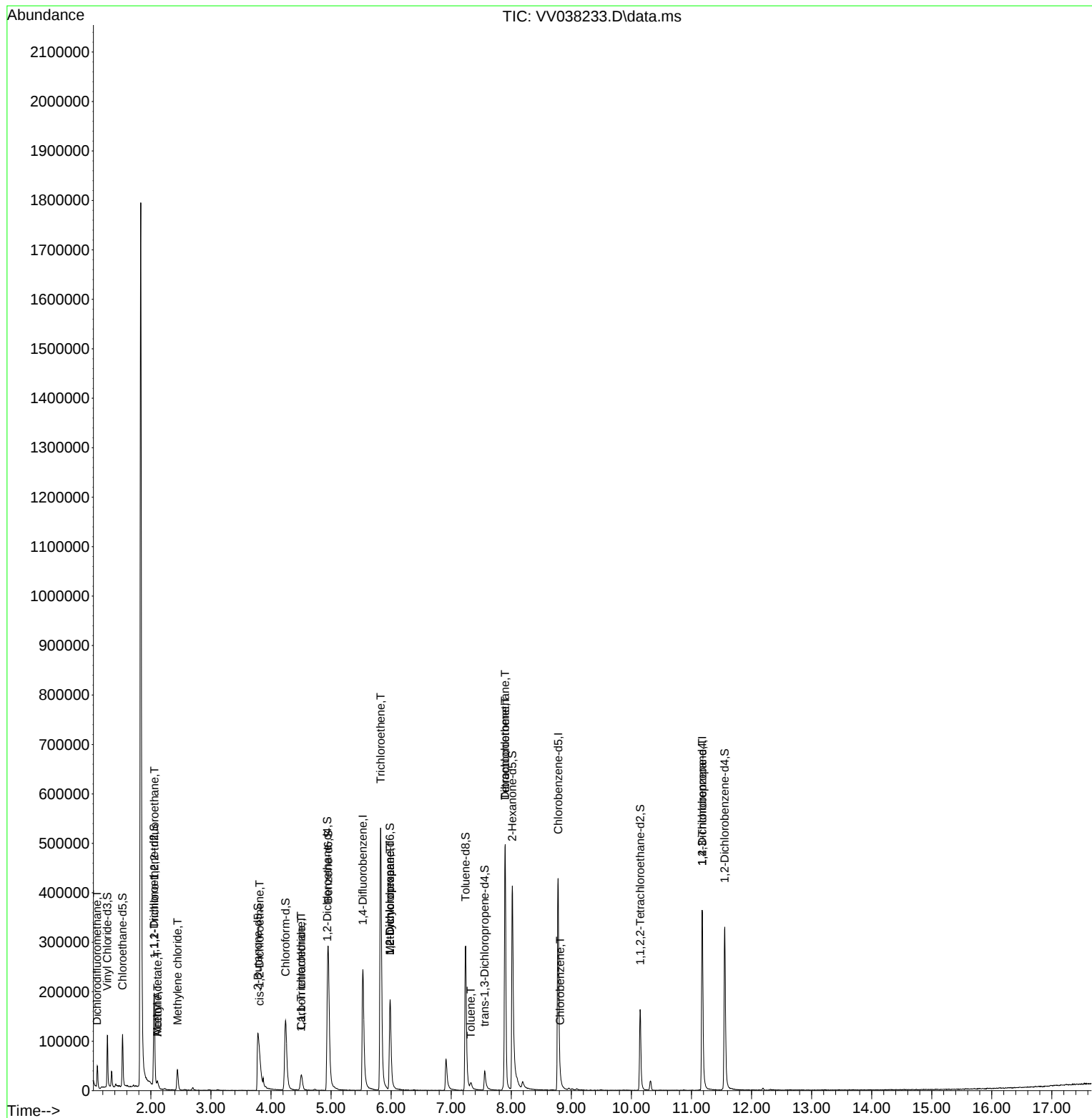
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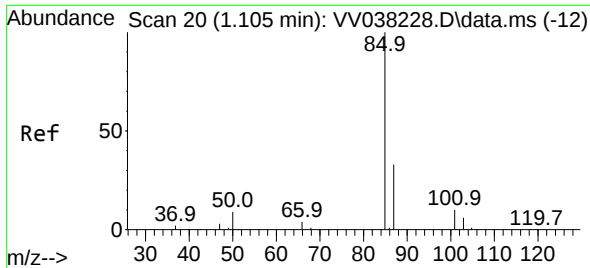
Instrument :
MSVOA_V
ClientSampleId :

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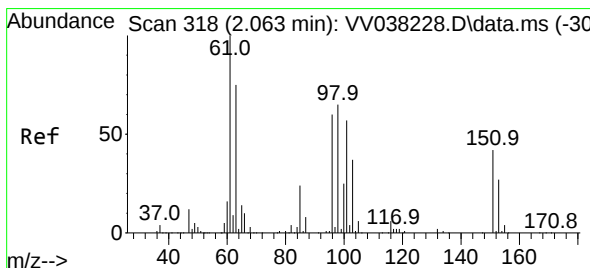
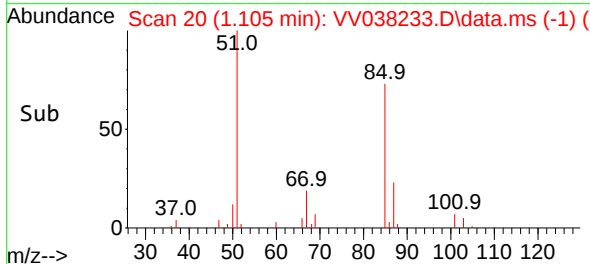
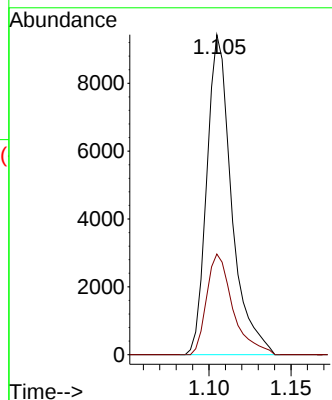
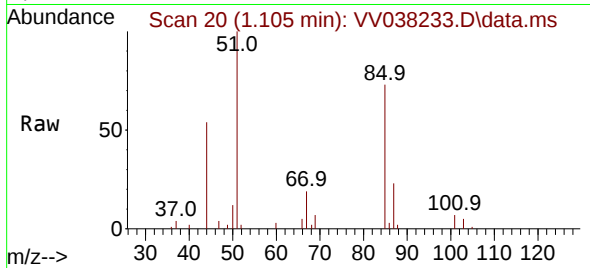




#2
 Dichlorodifluoromethane
 Concen: 0.440 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038233.D
 Acq: 21 Nov 2024 11:57

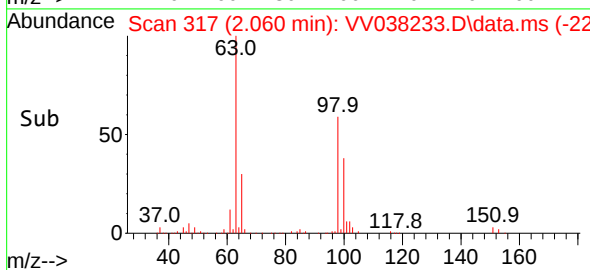
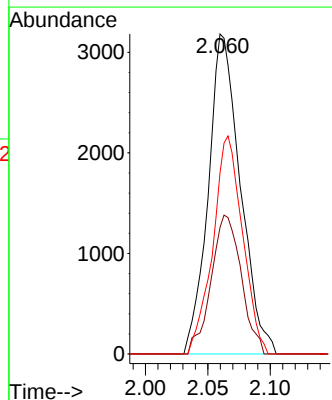
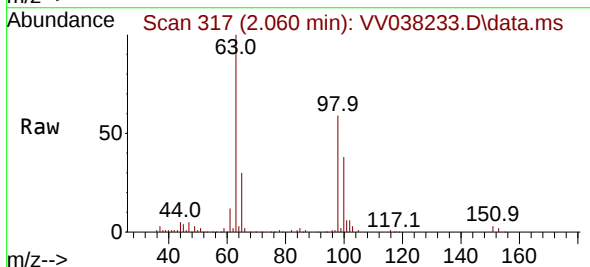
Instrument :
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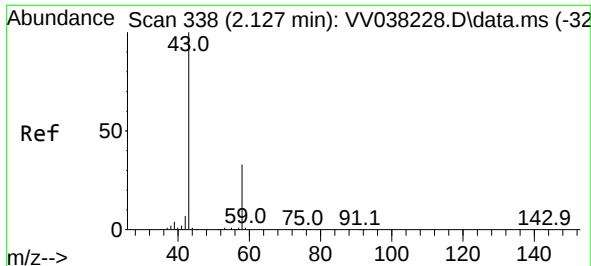
Tgt Ion: 85 Resp: 9890
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.5 39.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.320 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.003 min
 Lab File: VV038233.D
 Acq: 21 Nov 2024 11:57

Tgt Ion:101 Resp: 5701
 Ion Ratio Lower Upper
 101 100
 85 40.8 33.4 50.0
 151 63.0 58.8 88.2





#13

Acetone

Concen: 4.307 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.016 min

Lab File: VV038233.D

Acq: 21 Nov 2024 11:57

Instrument :

MSVOA_V

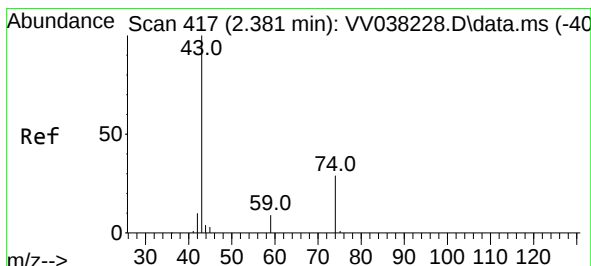
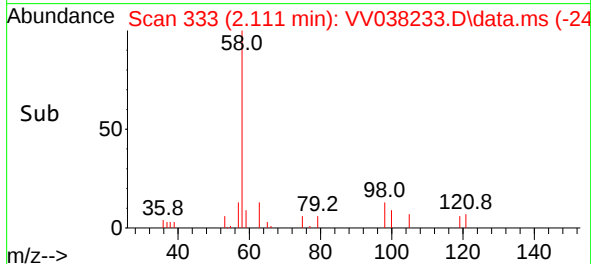
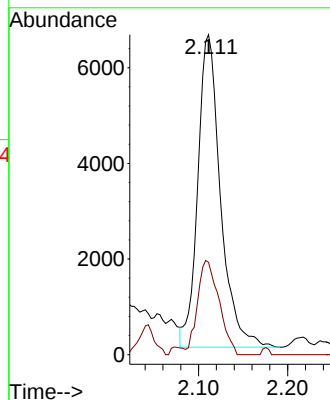
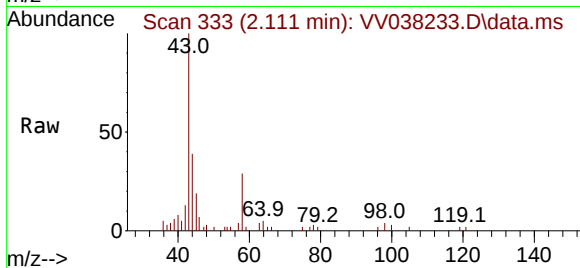
ClientSampleId :

Tgt Ion: 43 Resp: 11611

Ion Ratio Lower Upper

43 100

58 28.5 0.0 67.2



#15

Methyl Acetate

Concen: 1.725 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.270 min

Lab File: VV038233.D

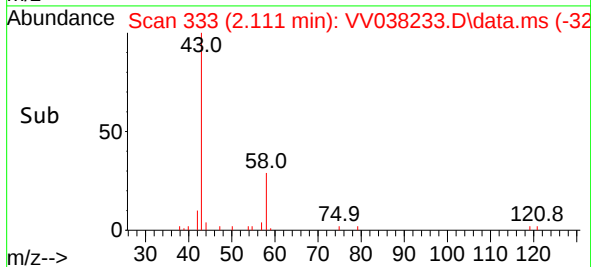
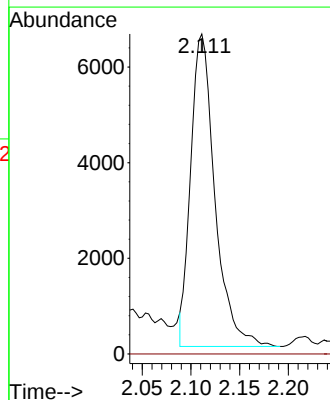
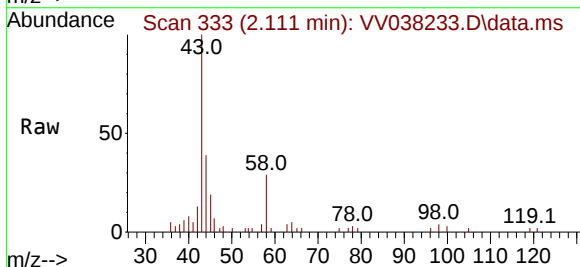
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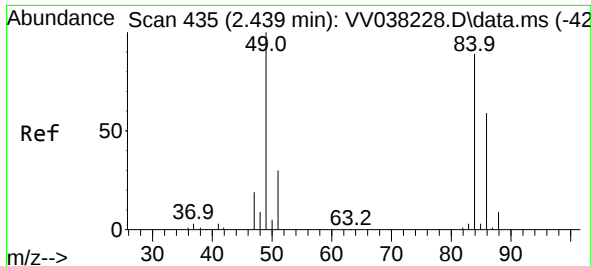
Tgt Ion: 43 Resp: 11297

Ion Ratio Lower Upper

43 100

74 0.0 22.4 33.6#

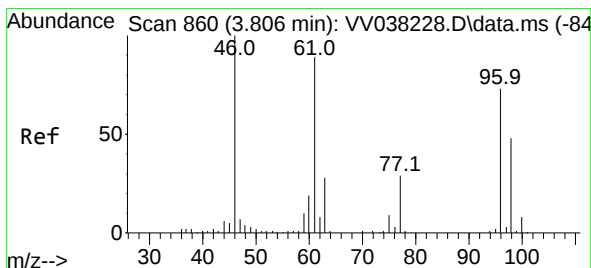
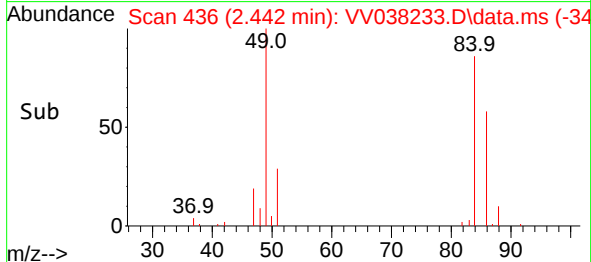
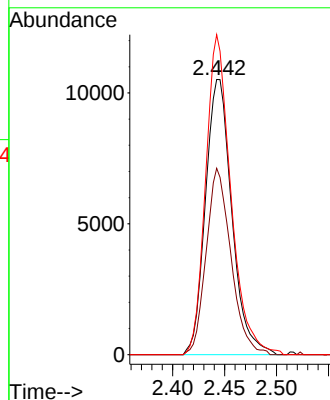
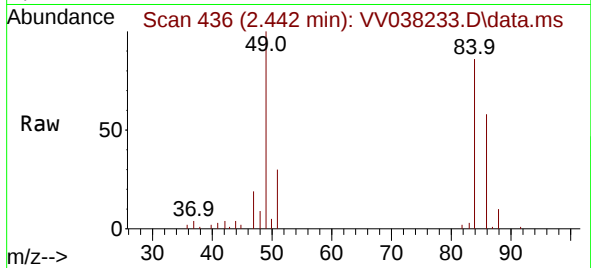




#16
Methylene chloride
Concen: 0.959 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57

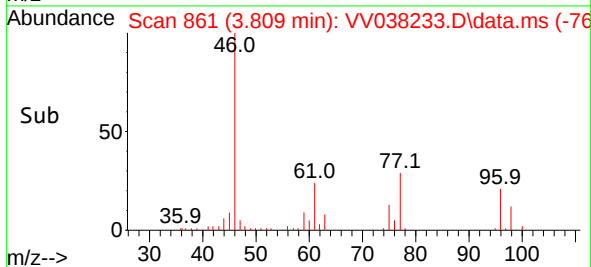
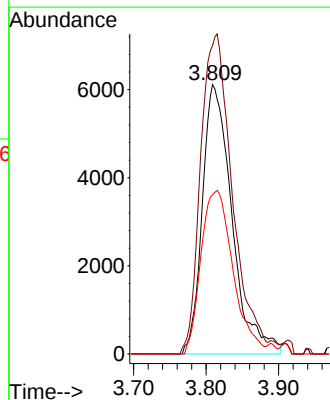
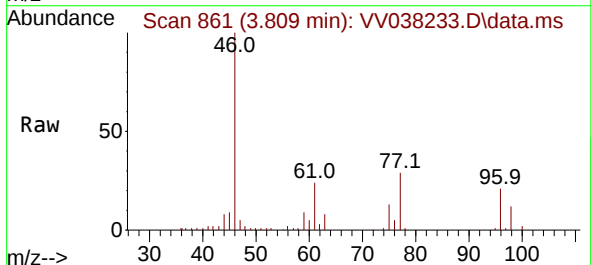
Instrument :
MSVOA_V
ClientSampleId :

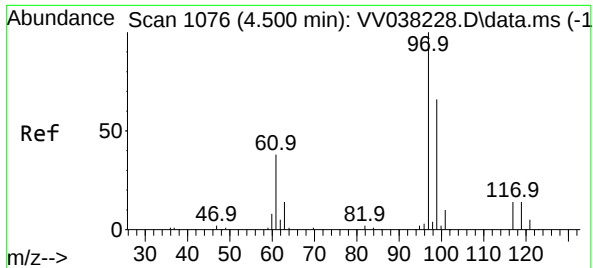
Tgt Ion: 84 Resp: 18568
Ion Ratio Lower Upper
84 100
86 67.7 44.2 82.2
49 116.3 74.9 139.1



#22
cis-1,2-Dichloroethene
Concen: 0.940 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57

Tgt Ion: 96 Resp: 17381
Ion Ratio Lower Upper
96 100
61 114.4 82.7 153.5
98 59.1 46.3 85.9

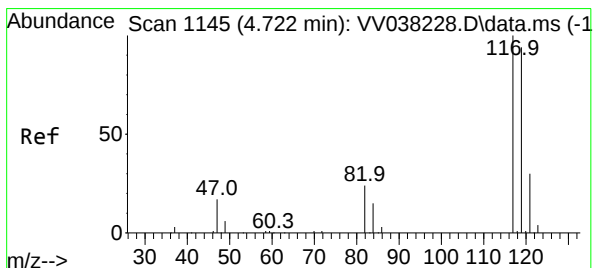
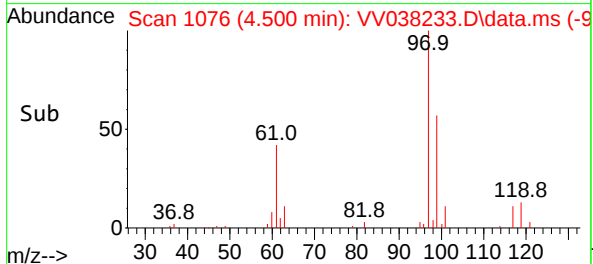
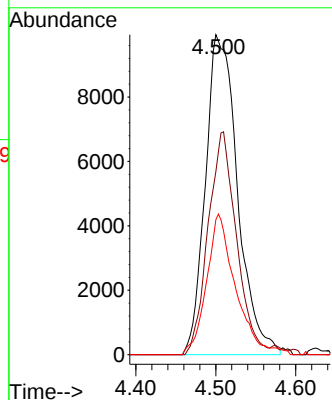
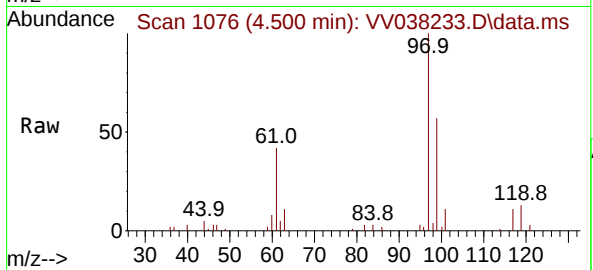




#29
1,1,1-Trichloroethane
Concen: 0.897 ug/L
RT: 4.500 min Scan# 1076
Delta R.T. 0.000 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57

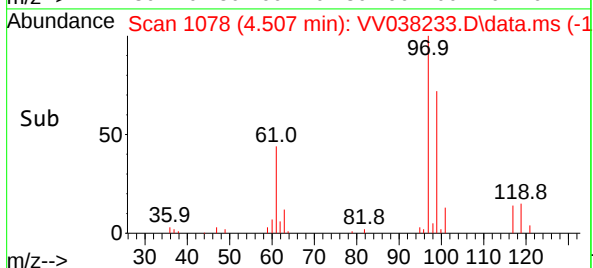
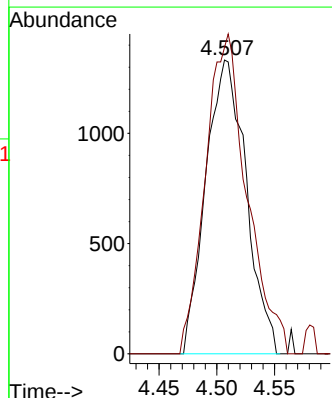
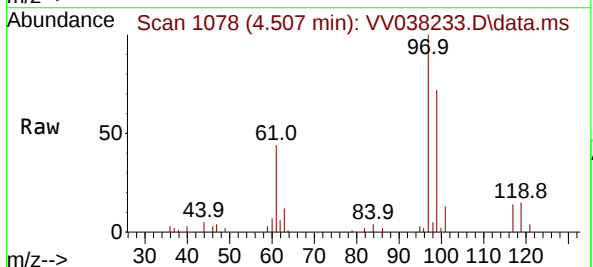
Instrument :
MSVOA_V
ClientSampleId :

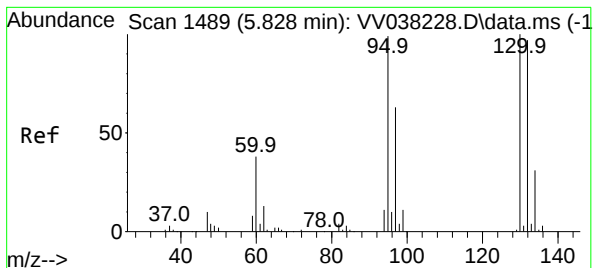
Tgt Ion: 97 Resp: 27753
Ion Ratio Lower Upper
97 100
99 61.4 51.8 77.8
61 39.7 32.2 48.2



#31
Carbon tetrachloride
Concen: 0.119 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. -0.215 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57

Tgt Ion: 117 Resp: 3239
Ion Ratio Lower Upper
117 100
119 111.7 77.4 116.2





#34

Trichloroethene

Concen: 10.198 ug/L

RT: 5.825 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV038233.D

Acq: 21 Nov 2024 11:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 201342

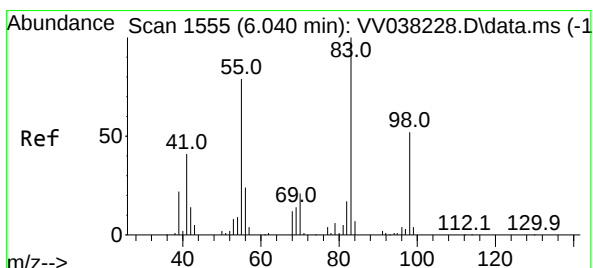
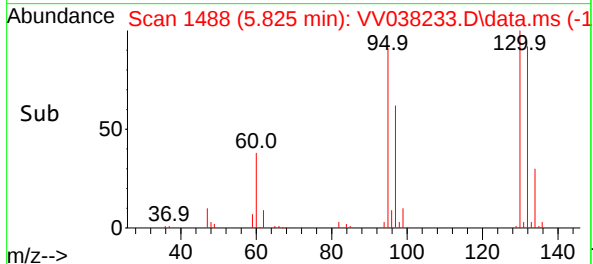
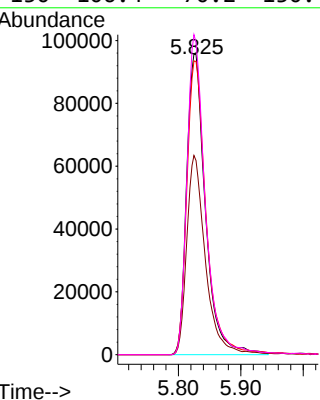
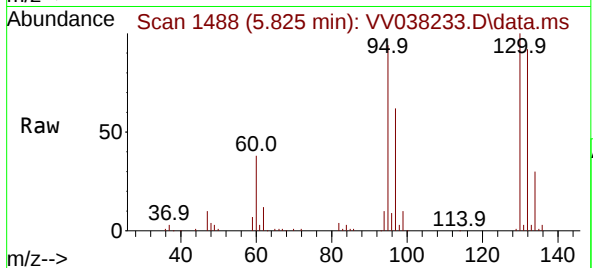
Ion Ratio Lower Upper

95 100

97 66.2 44.8 83.2

132 97.6 68.3 126.8

130 106.4 70.2 130.4



#35

Methylcyclohexane

Concen: 0.862 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV038233.D

Acq: 21 Nov 2024 11:57

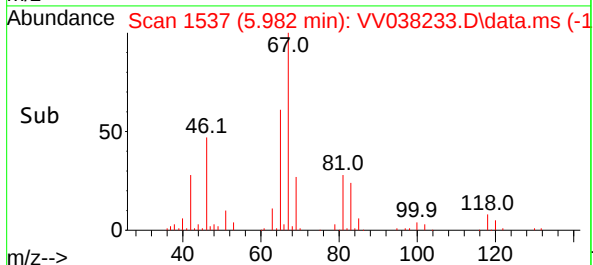
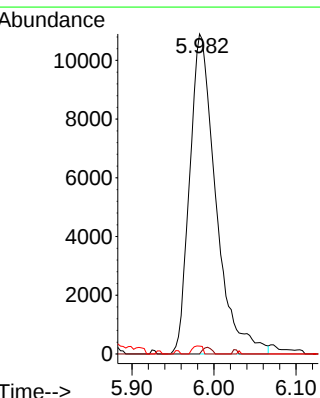
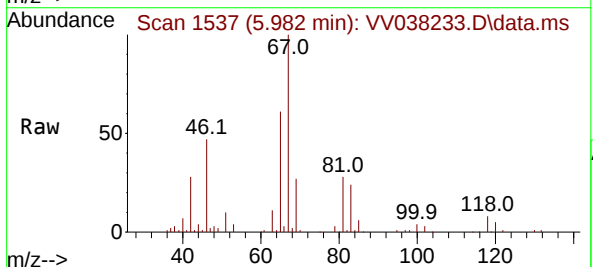
Tgt Ion: 83 Resp: 24087

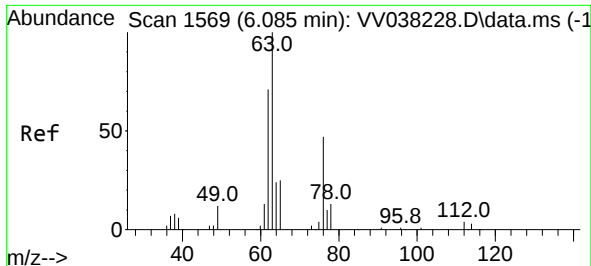
Ion Ratio Lower Upper

83 100

55 0.7 59.7 89.5#

98 1.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 5.982 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV038233.D

Acq: 21 Nov 2024 11:57

Instrument :

MSVOA_V

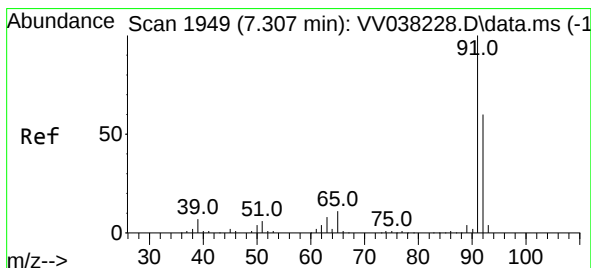
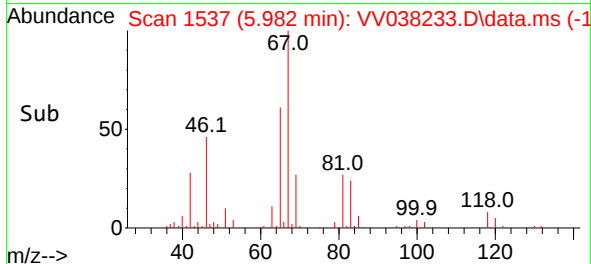
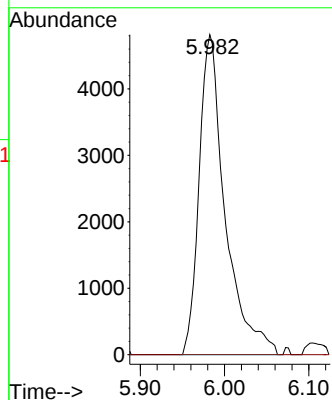
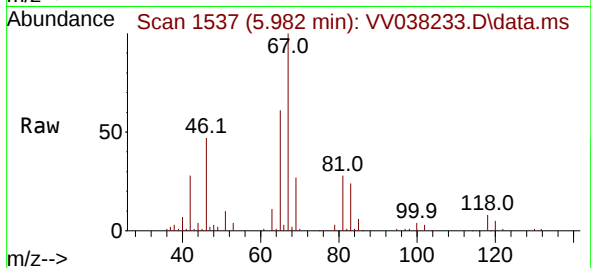
ClientSampleId :

Tgt Ion: 63 Resp: 10337

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#42

Toluene

Concen: 0.156 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.019 min

Lab File: VV038233.D

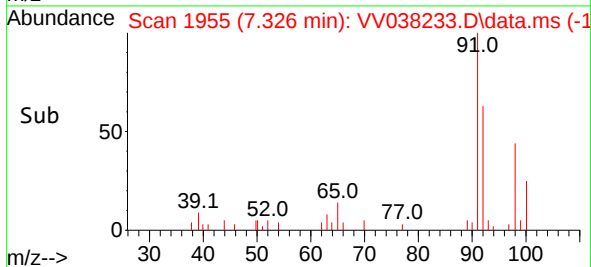
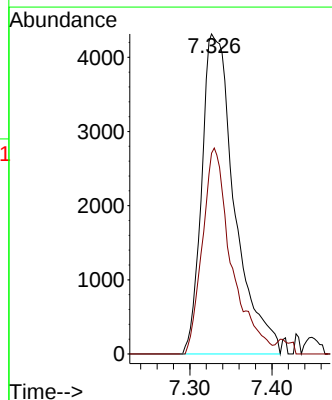
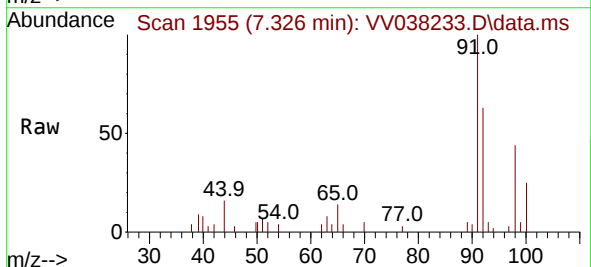
Acq: 21 Nov 2024 11:57

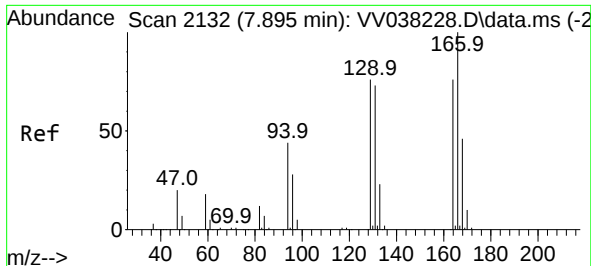
Tgt Ion: 91 Resp: 11972

Ion Ratio Lower Upper

91 100

92 62.7 40.8 75.8

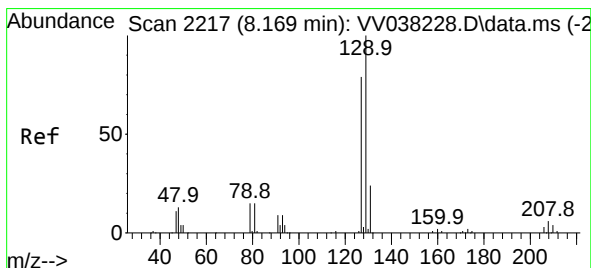
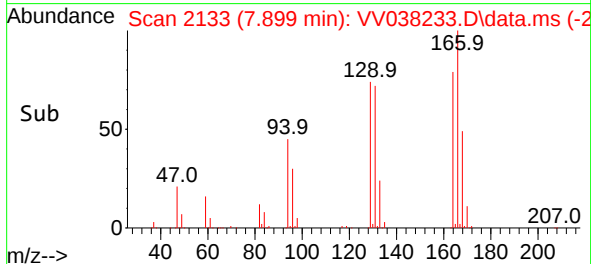
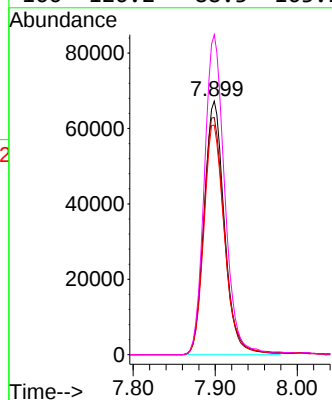
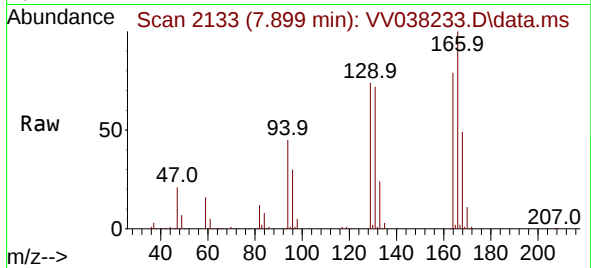




#47
Tetrachloroethene
Concen: 7.293 ug/L
RT: 7.899 min Scan# 2132
Delta R.T. 0.003 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57

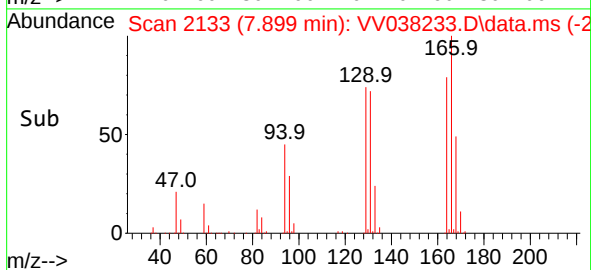
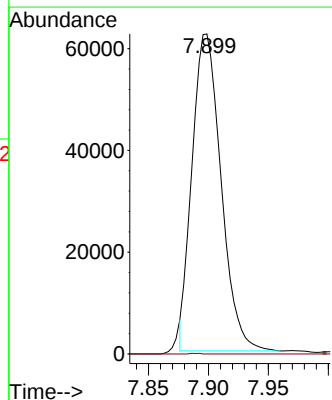
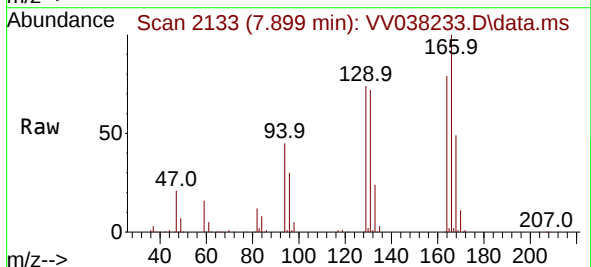
Instrument :
MSVOA_V
ClientSampleId :

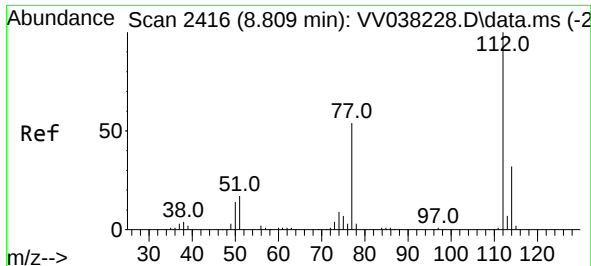
Tgt Ion:164 Resp: 115700
Ion Ratio Lower Upper
164 100
129 93.5 68.5 127.1
131 90.5 64.8 120.4
166 126.2 88.3 163.9



#49
Dibromochloromethane
Concen: 6.528 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57

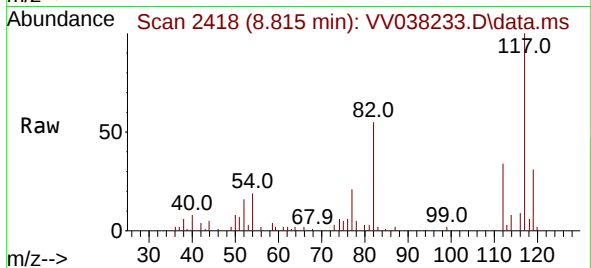
Tgt Ion:129 Resp: 104719
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



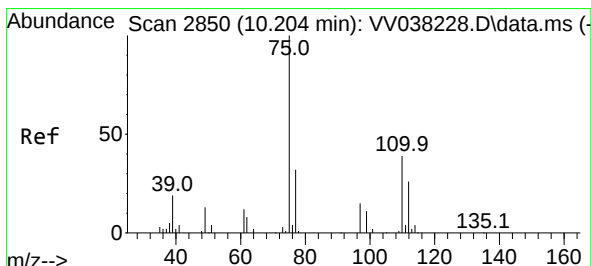
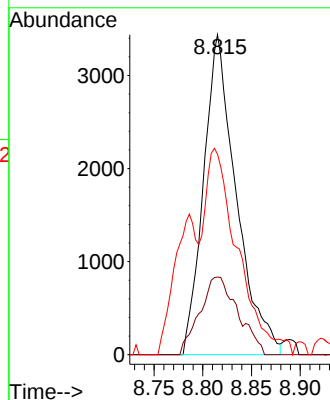
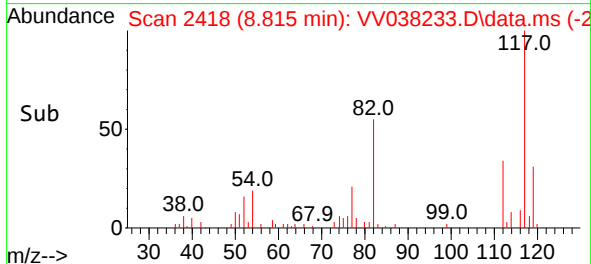


#51
Chlorobenzene
Concen: 0.152 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.007 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57

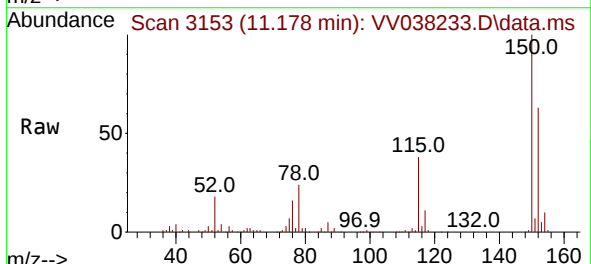
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:112 Resp: 8034
Ion Ratio Lower Upper
112 100
114 24.3 22.0 40.8
77 62.7 45.0 67.4



#61
1,2,3-Trichloropropane
Concen: 1.269 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038233.D
Acq: 21 Nov 2024 11:57



Tgt Ion: 75 Resp: 11646
Ion Ratio Lower Upper
75 100
77 36.7 26.4 39.6
110 1.9 32.3 48.5

