

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
 Data File : VV038310.D
 Acq On : 23 Nov 2024 20:01
 Operator : SY/MD
 Sample : P4884-02DL 2X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 23:02:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	219960	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	233866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	97460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	59564	3.533	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.516	69	50592	3.710	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.047	65	27472	3.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.786	46	178455	52.912	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.820%
24) Chloroform-d	4.239	84	159703	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.934	65	81154	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	4.950	84	276235	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	5.982	67	95335	5.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.236	98	215785	3.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.558	79	32650	4.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.021	63	143113	53.241	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.480%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83148	5.266	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.554	152	91265	5.496	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.703	101	340851	11.795	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	6588	0.399	ug/L	89
13) Acetone	1.918	43	1905506	763.907	ug/L	41
16) Methylene chloride	2.439	84	20085	1.121	ug/L	95
17) Methyl tert-butyl Ether	2.696	73	42245	1.189	ug/L	98
19) 1,1-Dichloroethane	3.104	63	44501	1.481	ug/L	99
25) Chloroform	4.268	83	5937	0.185	ug/L	83
29) 1,1,1-Trichloroethane	4.500	97	32042	1.142	ug/L	96
34) Trichloroethene	5.837	95	17700	0.988	ug/L	98
35) Methylcyclohexane	5.982	83	24056	0.950	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	10618	0.645	ug/L #	86
42) Toluene	7.333	91	11157	0.160	ug/L	100
47) Tetrachloroethene	7.898	164	24452	1.699	ug/L	99
49) Dibromochloromethane	7.898	129	23575	1.620	ug/L #	11
51) Chlorobenzene	8.818	112	7596	0.158	ug/L	86
61) 1,2,3-Trichloropropane	11.178	75	10500	1.258	ug/L #	66

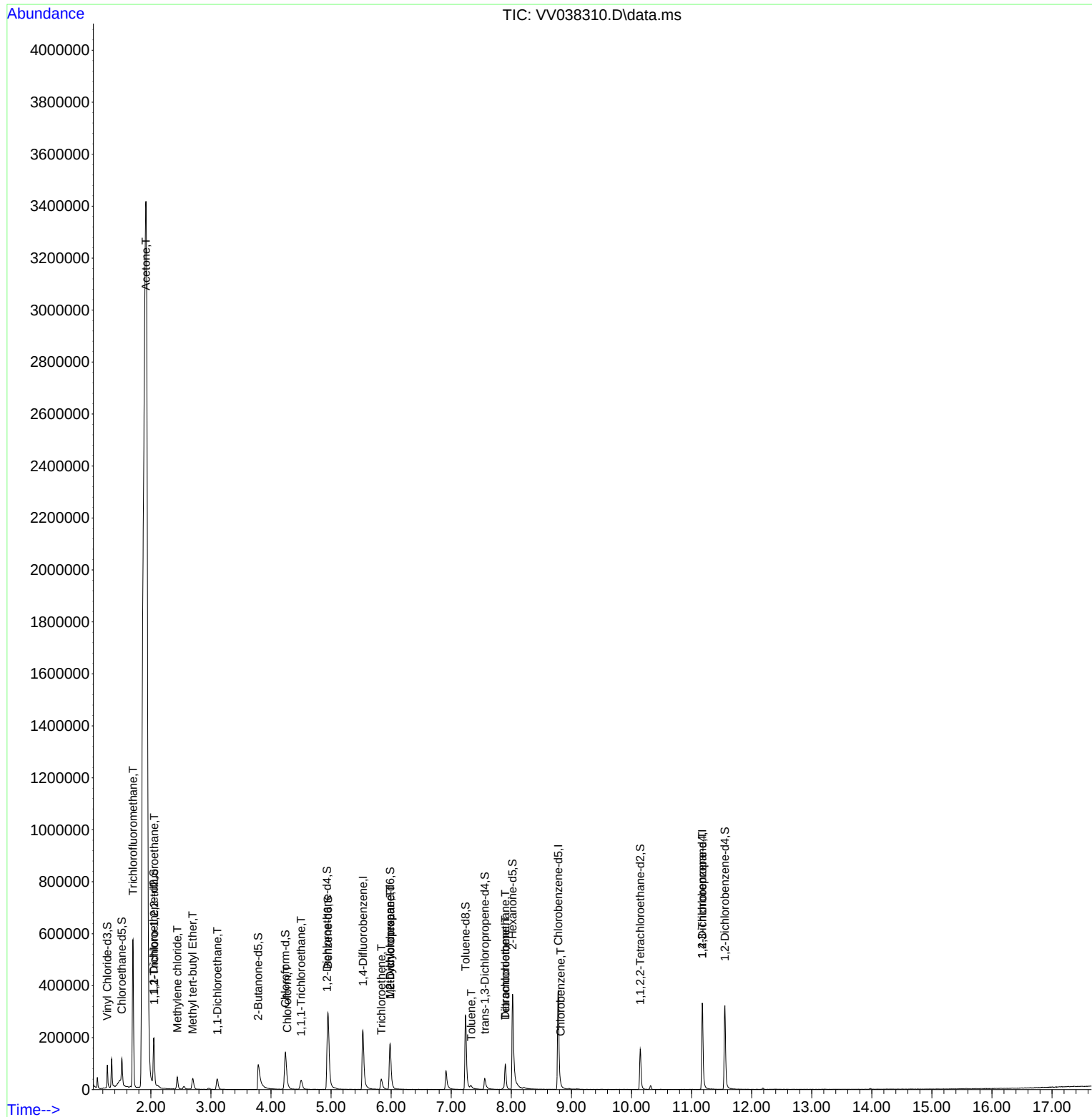
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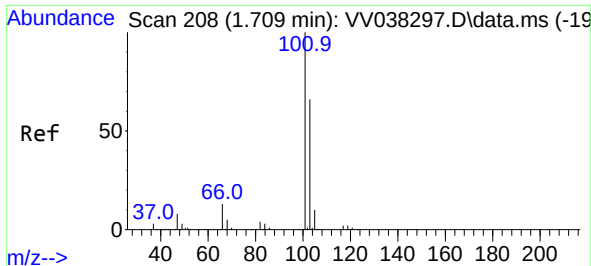
Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

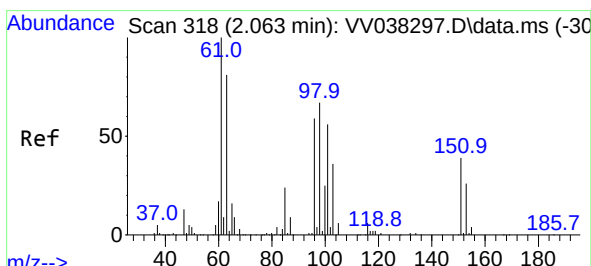
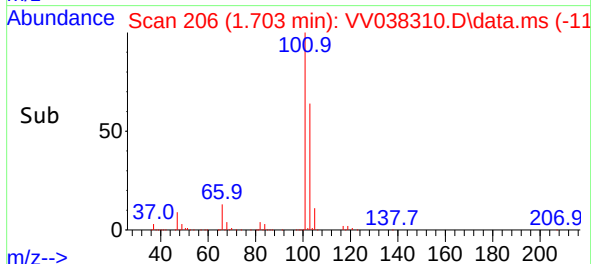
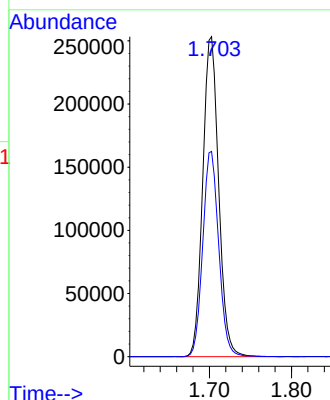
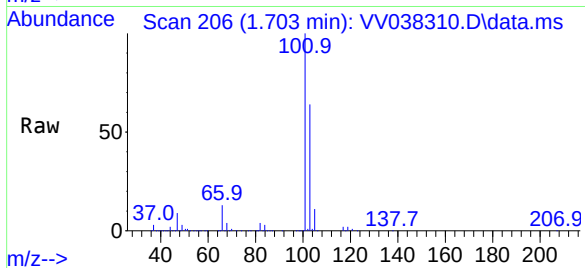




#9
Trichlorofluoromethane
Concen: 11.795 ug/L
RT: 1.703 min Scan# 208
Delta R.T. -0.006 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

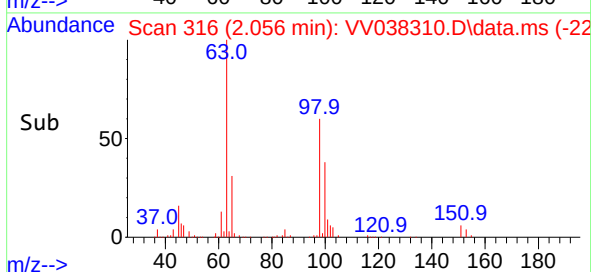
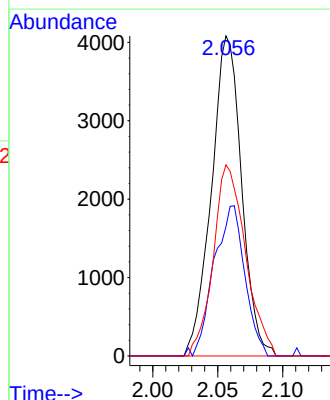
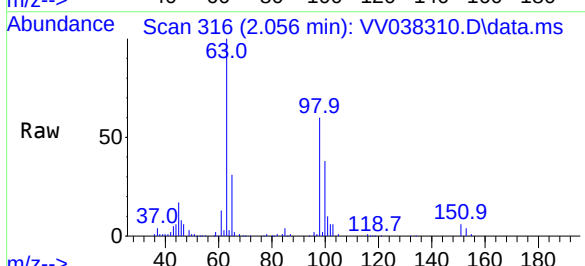
Instrument :
MSVOA_V
ClientSampleId :

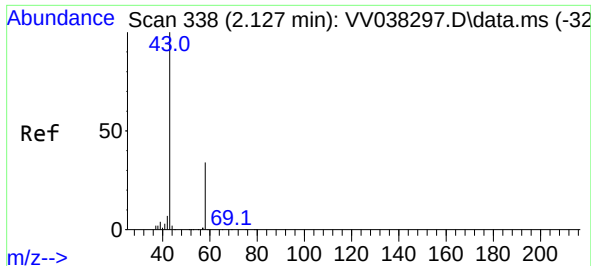
Tgt Ion:101 Resp: 340851
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.399 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.006 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

Tgt Ion:101 Resp: 6588
Ion Ratio Lower Upper
101 100
85 48.0 33.4 50.0
151 63.8 58.8 88.2

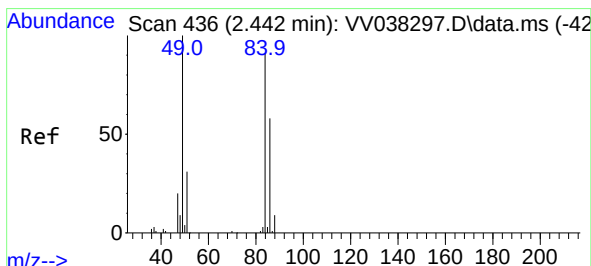
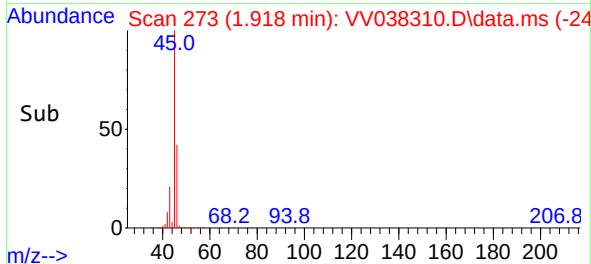
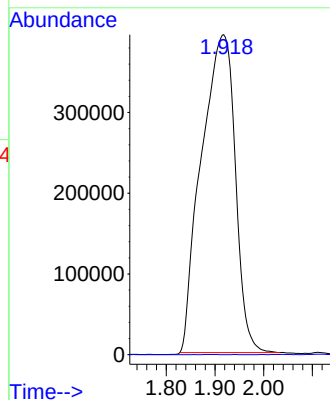
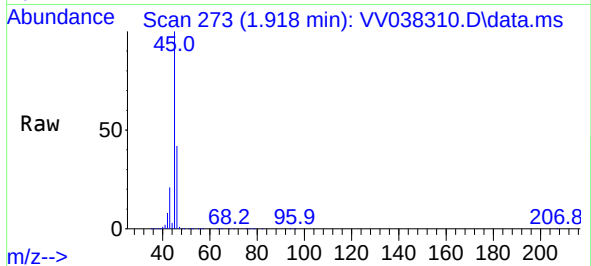




#13
Acetone
Concen: 763.907 ug/L
RT: 1.918 min Scan# 21
Delta R.T. -0.203 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

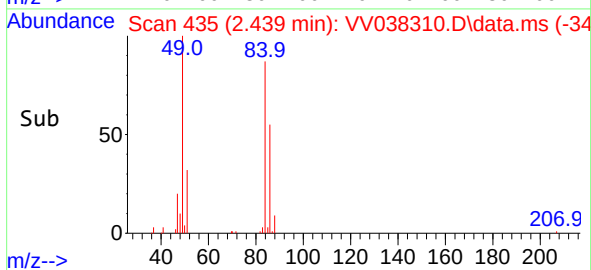
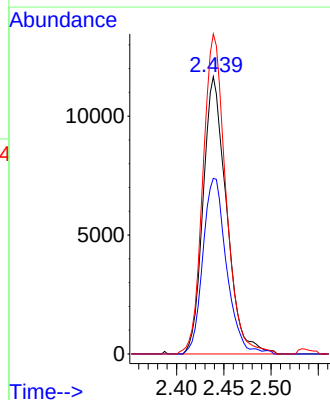
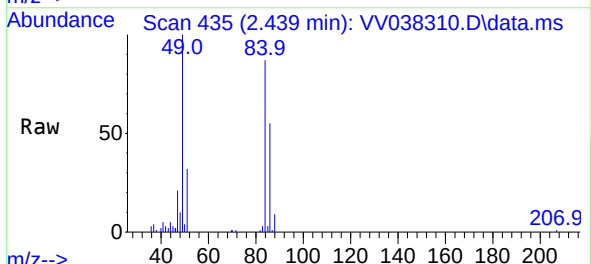
Instrument :
MSVOA_V
ClientSampleId :

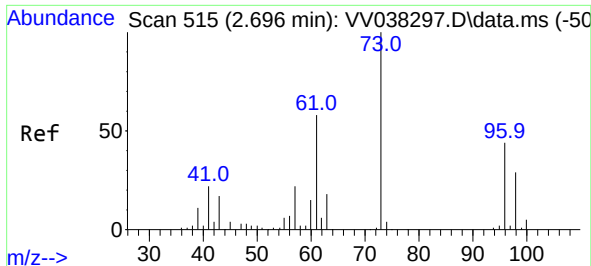
Tgt Ion: 43 Resp: 1905506
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2



#16
Methylene chloride
Concen: 1.121 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

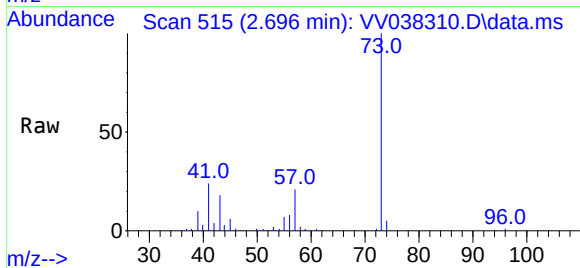
Tgt Ion: 84 Resp: 20085
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 115.4 74.9 139.1



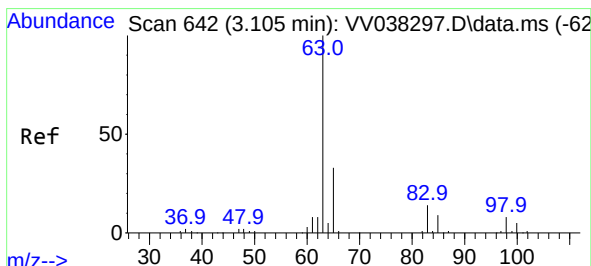
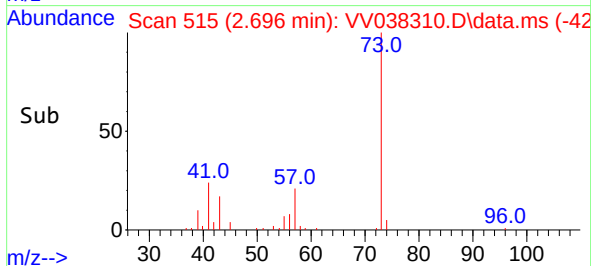
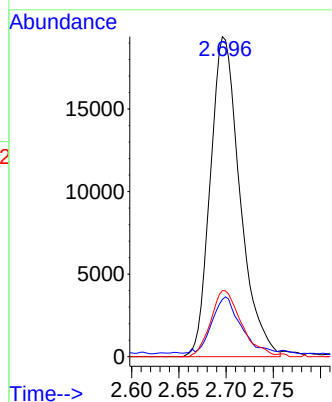


#17
Methyl tert-butyl Ether
Concen: 1.189 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

Instrument :
MSVOA_V
ClientSampleId :

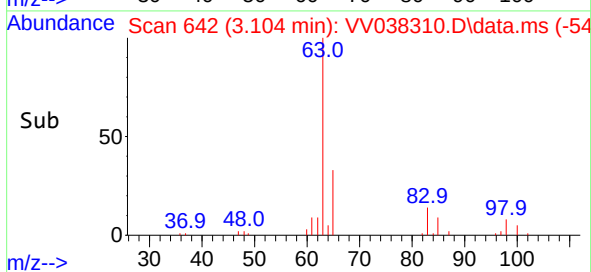
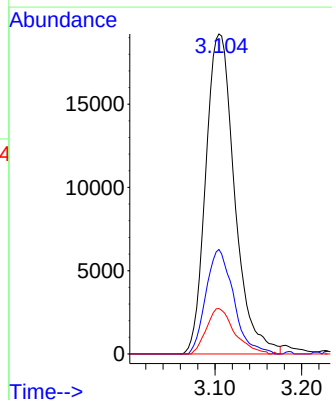
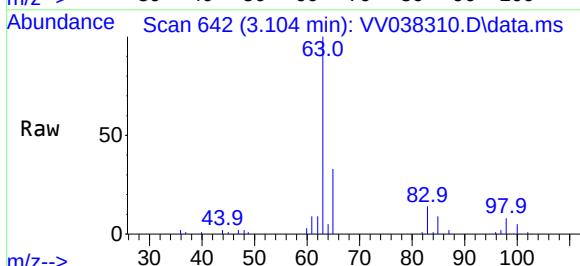


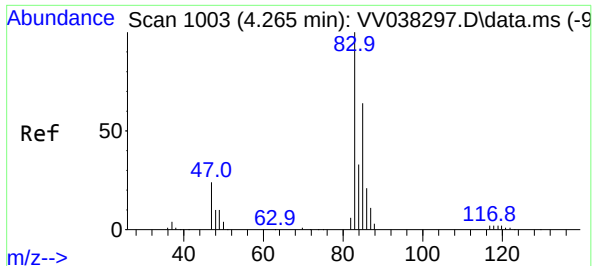
Tgt Ion: 73 Resp: 42245
Ion Ratio Lower Upper
73 100
43 16.8 14.2 21.2
57 21.4 17.6 26.4



#19
1,1-Dichloroethane
Concen: 1.481 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

Tgt Ion: 63 Resp: 44501
Ion Ratio Lower Upper
63 100
65 32.6 22.5 41.7
83 14.2 10.1 18.9





#25

Chloroform

Concen: 0.185 ug/L

RT: 4.268 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VV038310.D

Acq: 23 Nov 2024 20:01

Instrument :

MSVOA_V

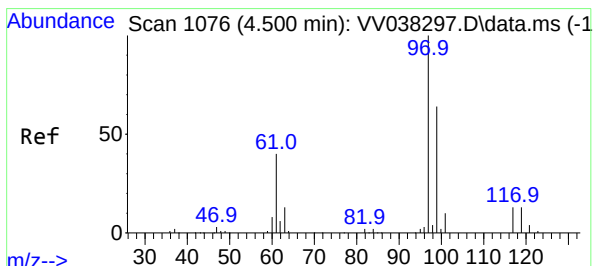
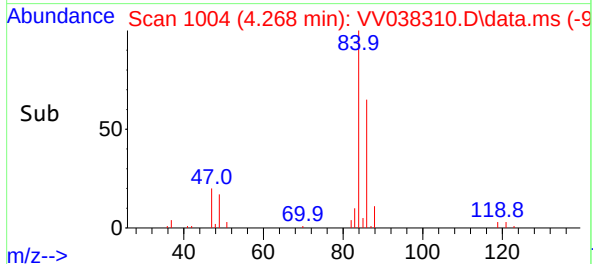
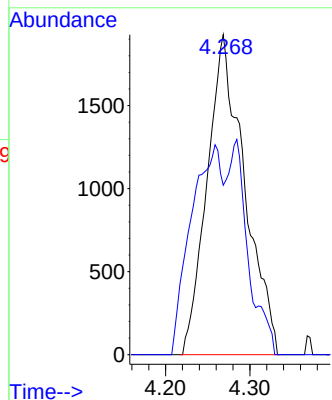
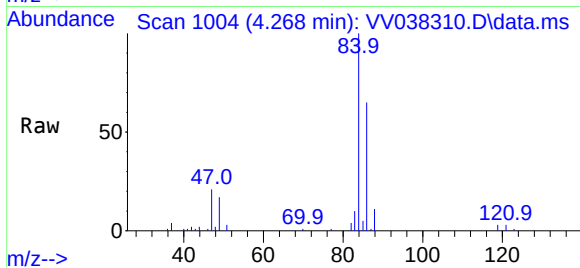
ClientSampleId :

Tgt Ion: 83 Resp: 5937

Ion Ratio Lower Upper

83 100

85 52.9 46.5 86.3



#29

1,1,1-Trichloroethane

Concen: 1.142 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.003 min

Lab File: VV038310.D

Acq: 23 Nov 2024 20:01

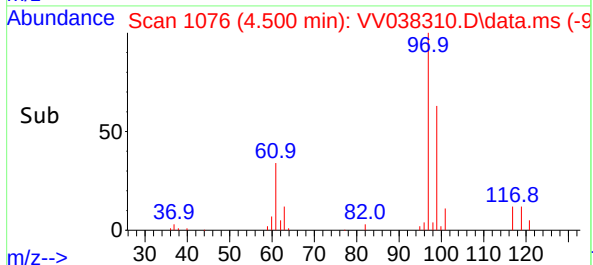
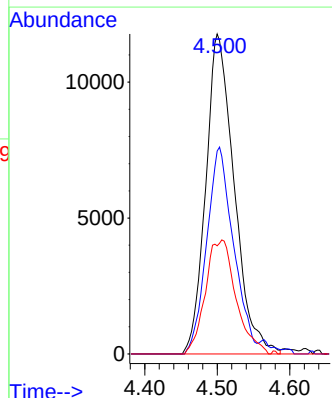
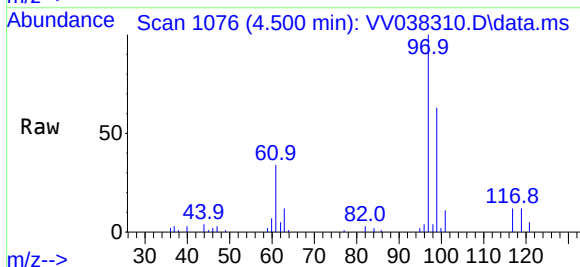
Tgt Ion: 97 Resp: 32042

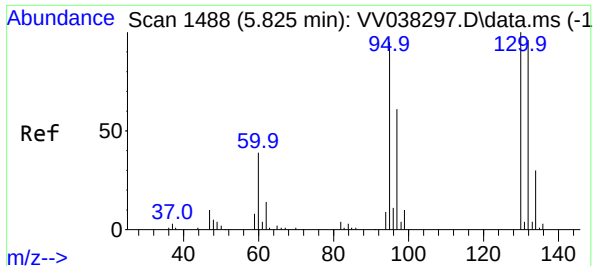
Ion Ratio Lower Upper

97 100

99 61.1 51.8 77.8

61 38.4 32.2 48.2



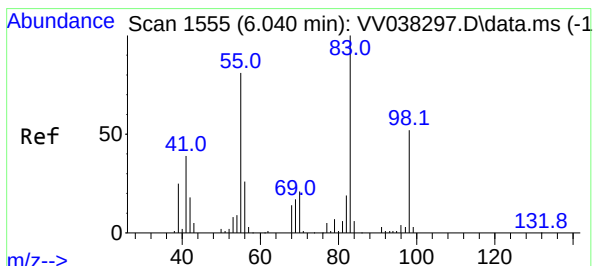
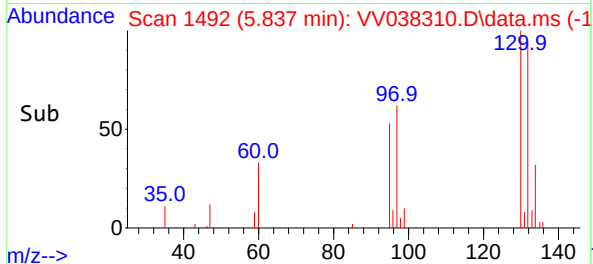
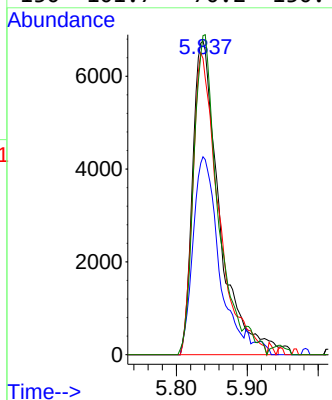
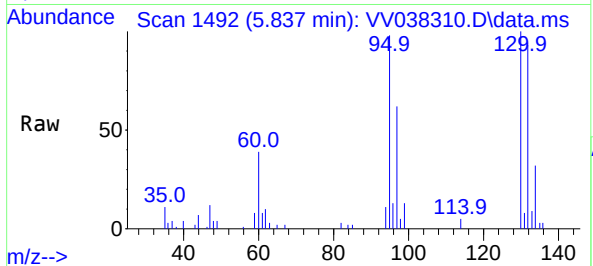


#34
Trichloroethene
Concen: 0.988 ug/L
RT: 5.837 min Scan# 1488
Delta R.T. 0.010 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 17700

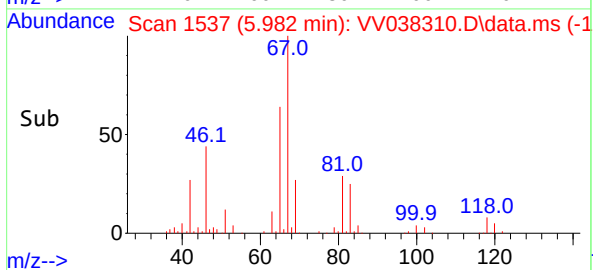
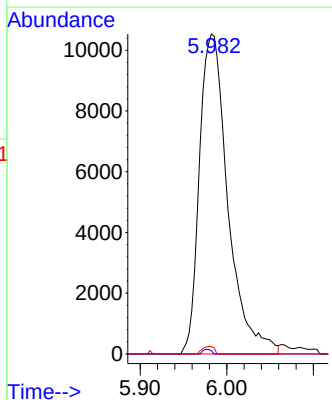
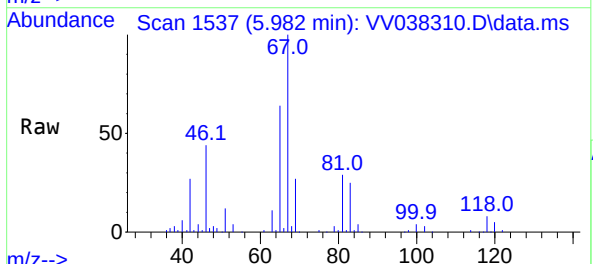
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.8	83.2
132	94.5	68.3	126.8
130	101.7	70.2	130.4

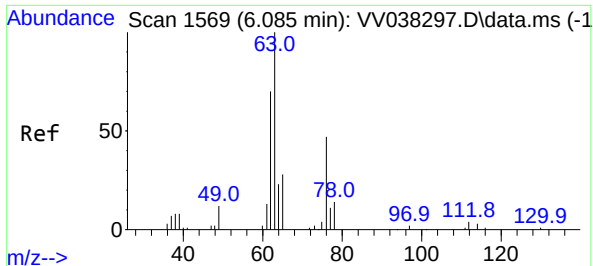


#35
Methylcyclohexane
Concen: 0.950 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

Tgt Ion: 83 Resp: 24056

Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.7	89.5#
98	1.0	39.0	58.4#

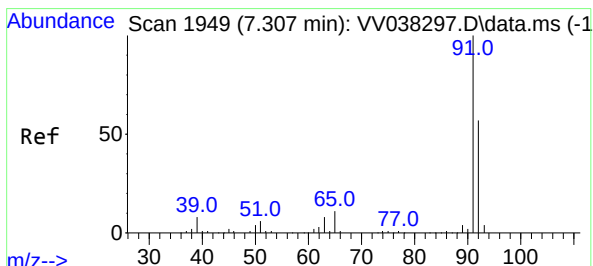
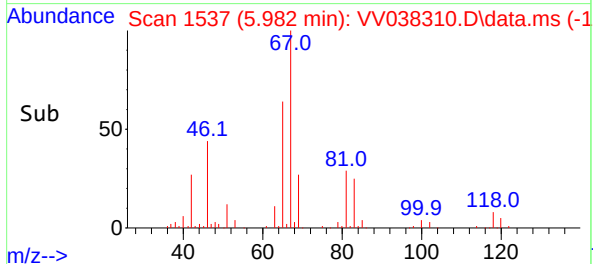
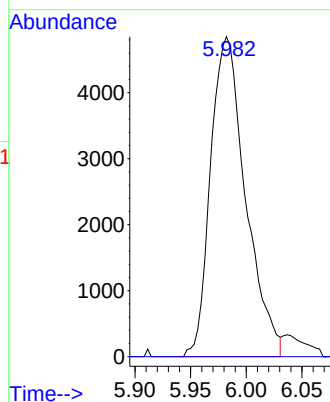
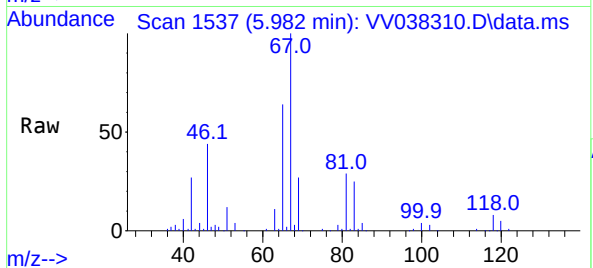




#37
1,2-Dichloropropane
Concen: 0.645 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

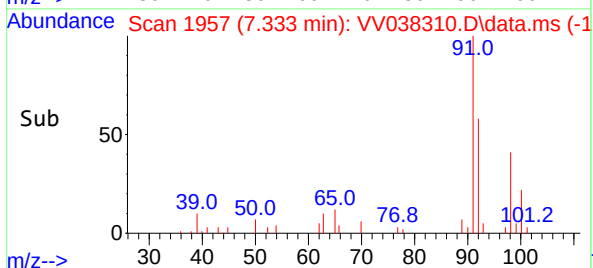
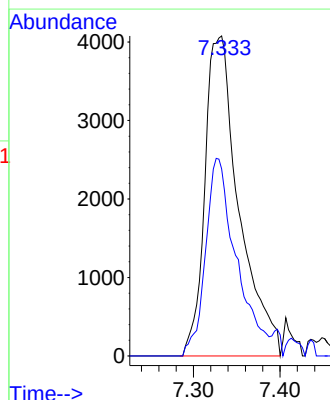
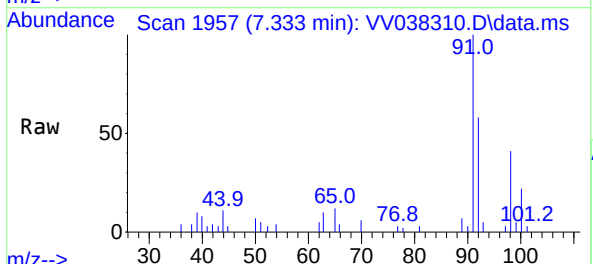
Instrument :
MSVOA_V
ClientSampleId :

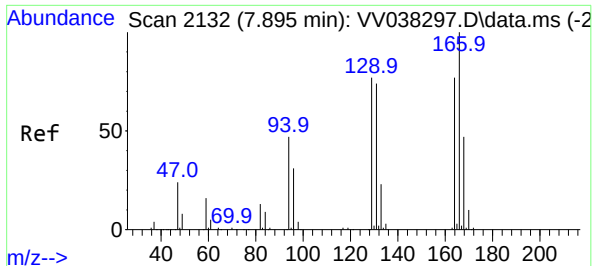
Tgt Ion: 63 Resp: 10618
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#



#42
Toluene
Concen: 0.160 ug/L
RT: 7.333 min Scan# 1957
Delta R.T. 0.026 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

Tgt Ion: 91 Resp: 11157
Ion Ratio Lower Upper
91 100
92 58.4 40.8 75.8





#47

Tetrachloroethene

Concen: 1.699 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038310.D

Acq: 23 Nov 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 24452

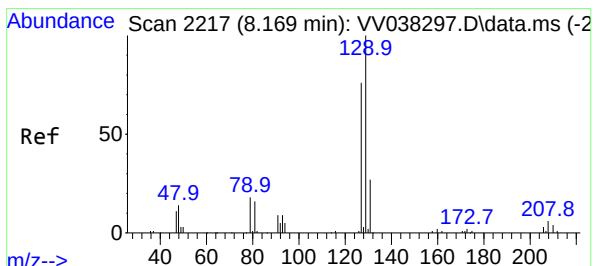
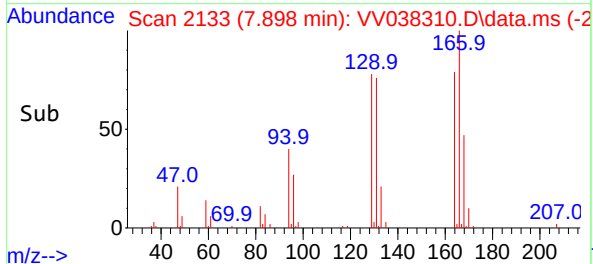
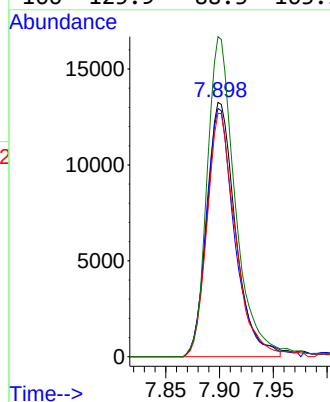
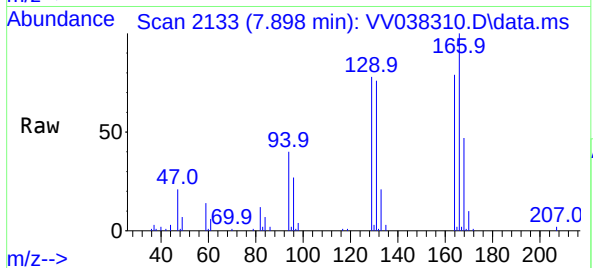
Ion Ratio Lower Upper

164 100

129 97.6 68.5 127.1

131 95.7 64.8 120.4

166 125.9 88.3 163.9



#49

Dibromochloromethane

Concen: 1.620 ug/L

RT: 7.898 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV038310.D

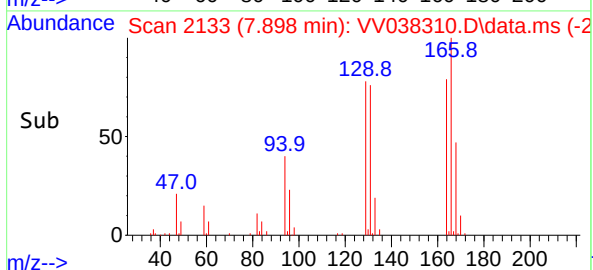
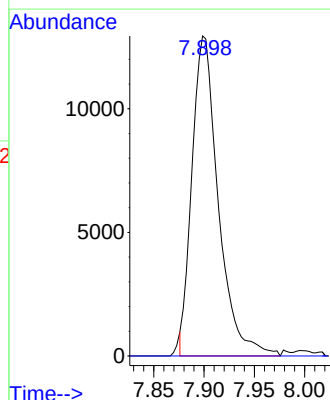
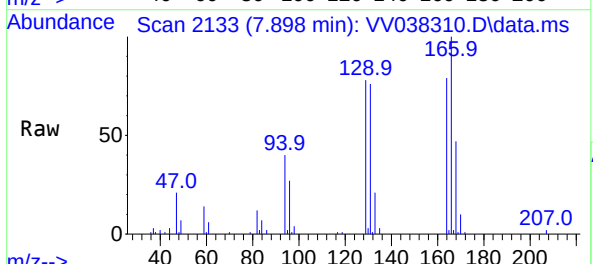
Acq: 23 Nov 2024 20:01

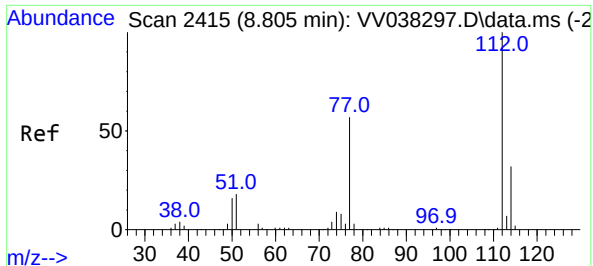
Tgt Ion:129 Resp: 23575

Ion Ratio Lower Upper

129 100

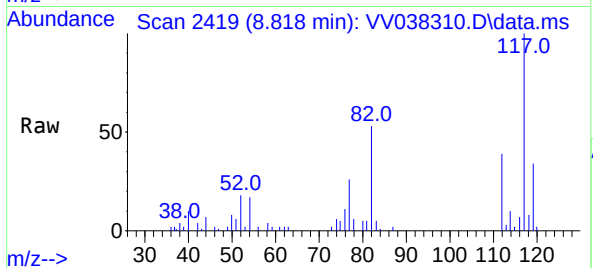
127 0.0 53.5 99.3#



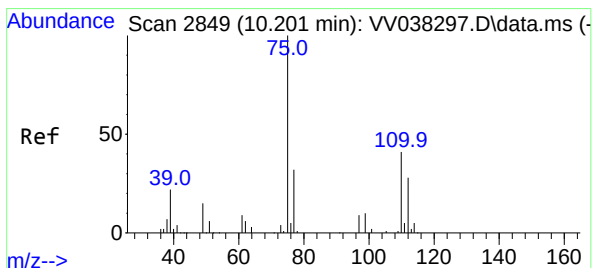
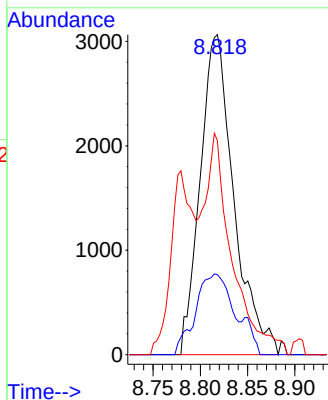
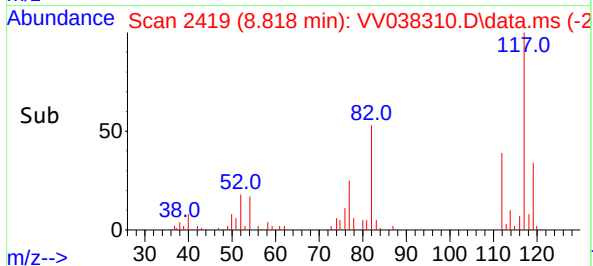


#51
Chlorobenzene
Concen: 0.158 ug/L
RT: 8.818 min Scan# 2415
Delta R.T. 0.013 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01

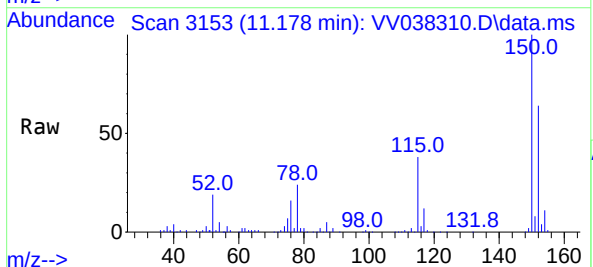
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:112 Resp: 7596
Ion Ratio Lower Upper
112 100
114 25.0 22.0 40.8
77 66.9 45.0 67.4



#61
1,2,3-Trichloropropane
Concen: 1.258 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038310.D
Acq: 23 Nov 2024 20:01



Tgt Ion: 75 Resp: 10500
Ion Ratio Lower Upper
75 100
77 33.8 26.4 39.6
110 2.7 32.3 48.5#

