

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038234.D
 Acq On : 21 Nov 2024 12:21
 Operator : SY/MD
 Sample : P4883-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:44:08 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	250324	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	271446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	115522	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	71901	3.747	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.000%	
7) Chloroethane-d5	1.526	69	72583	4.677	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.053	65	33181	4.019	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.400%	
20) 2-Butanone-d5	3.783	46	186243	48.523	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.040%	
24) Chloroform-d	4.243	84	168957	4.537	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	4.934	65	83379	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	4.953	84	298108	4.249	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	5.982	67	100058	4.635	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.236	98	237179	3.654	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.000%	
43) trans-1,3-Dichloroprop...	7.558	79	29079	3.623	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.018	63	160486	51.439	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.880%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	87543	4.777	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	11.554	152	100048	5.083	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	9860	0.416	ug/L	98
9) Trichlorofluoromethane	1.709	101	98232	2.987	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	5863	0.312	ug/L	90
16) Methylene chloride	2.442	84	14440	0.708	ug/L	97
19) 1,1-Dichloroethane	3.108	63	20870	0.610	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	13418	0.689	ug/L	99
25) Chloroform	4.272	83	10684	0.292	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	26337	0.809	ug/L	97
34) Trichloroethene	5.825	95	145641	7.007	ug/L	97
35) Methylcyclohexane	5.986	83	25523	0.868	ug/L #	20
42) Toluene	7.326	91	13049	0.162	ug/L	97
47) Tetrachloroethene	7.899	164	85267	5.105	ug/L	98
49) Dibromochloromethane	7.895	129	78392	4.642	ug/L #	11
51) Chlorobenzene	8.818	112	8290	0.149	ug/L	96
53) m,p-Xylene	9.088	106	2103	0.065	ug/L	71
61) 1,2,3-Trichloropropane	11.178	75	12674	1.281	ug/L #	66

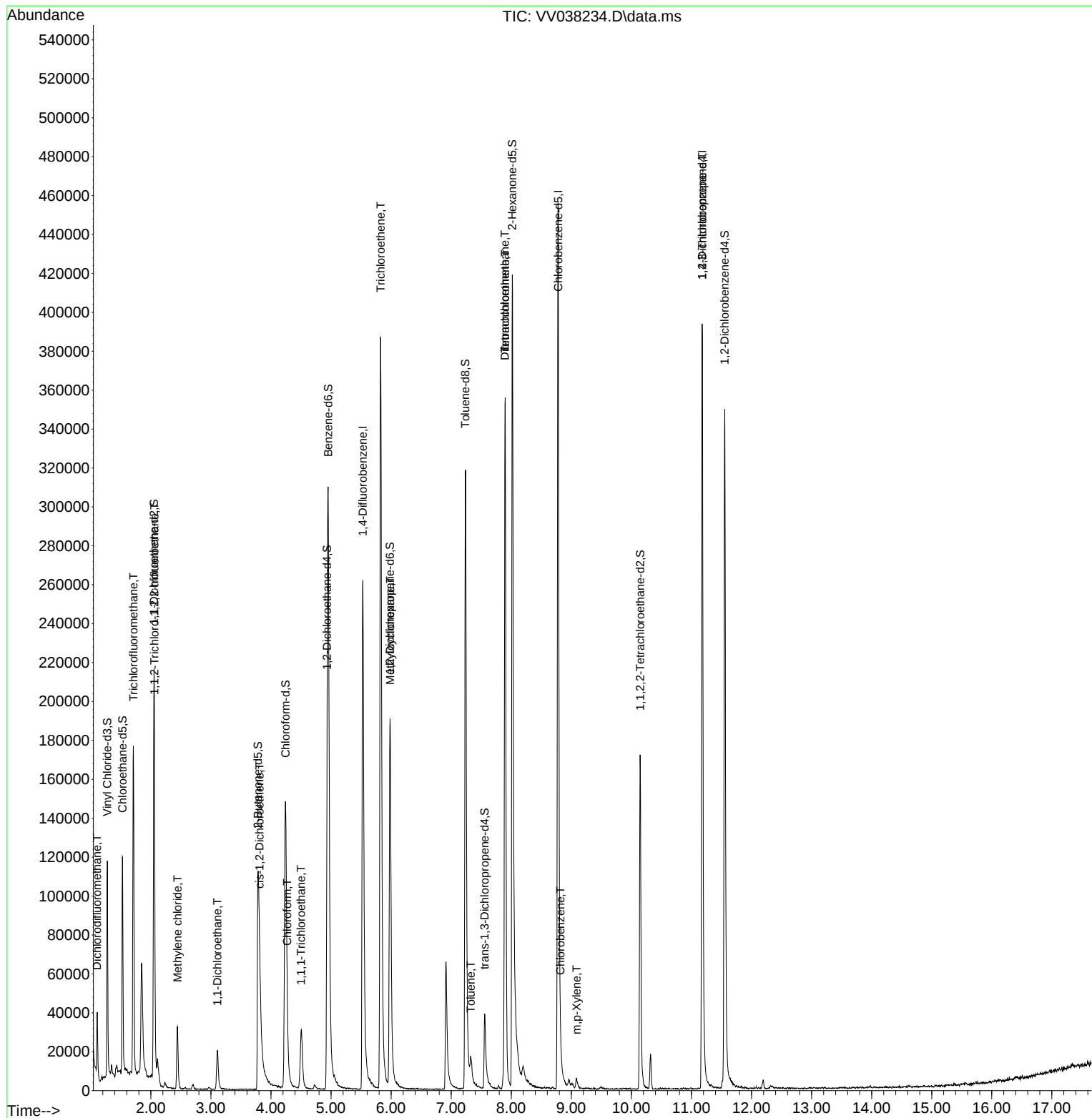
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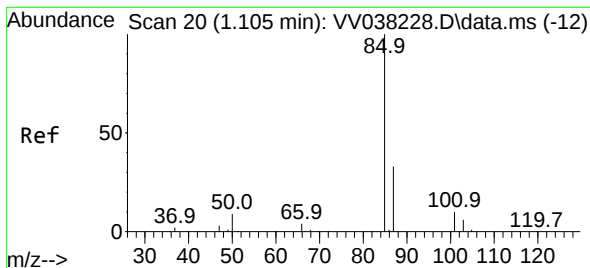
Instrument :
MSVOA_V
ClientSampleId :

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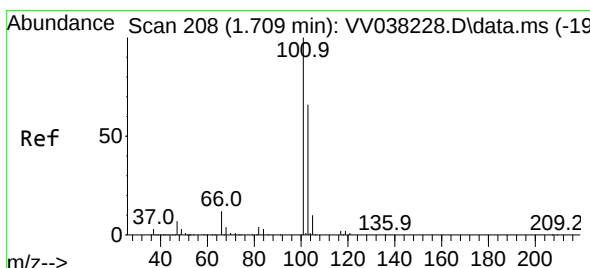
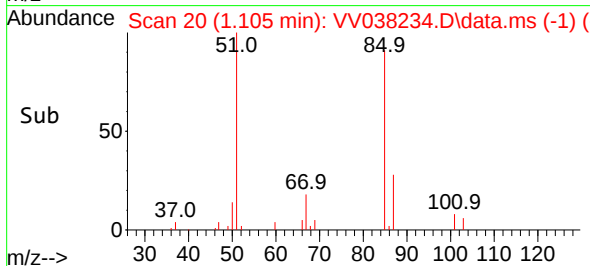
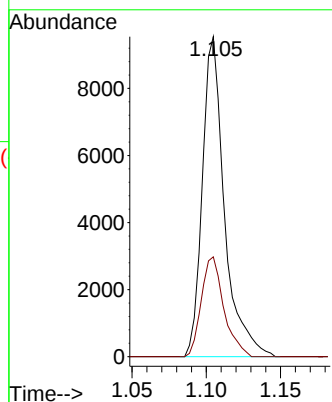
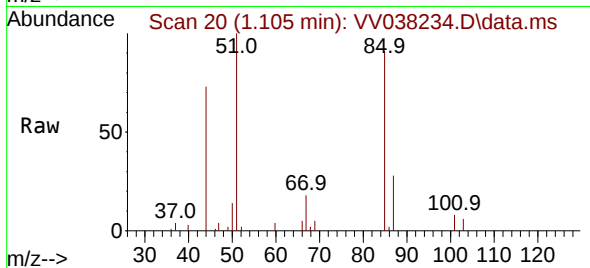




#2
Dichlorodifluoromethane
Concen: 0.416 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038234.D
Acq: 21 Nov 2024 12:21

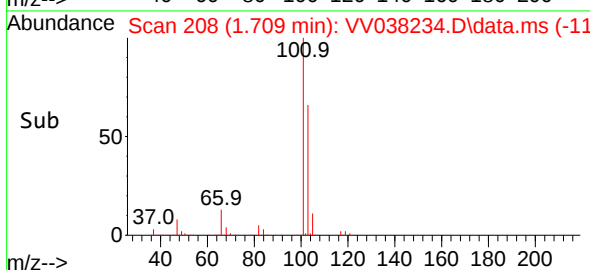
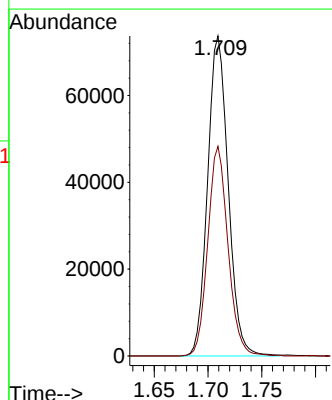
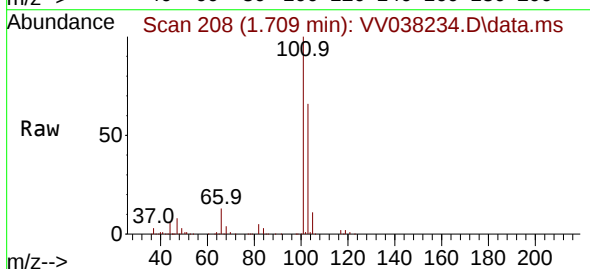
Instrument :
MSVOA_V
ClientSampleId :

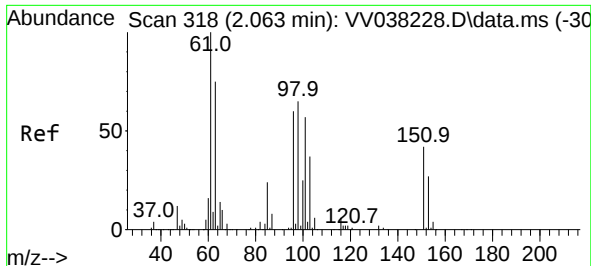
Tgt Ion: 85 Resp: 9860
Ion Ratio Lower Upper
85 100
87 31.8 26.5 39.7



#9
Trichlorofluoromethane
Concen: 2.987 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038234.D
Acq: 21 Nov 2024 12:21

Tgt Ion:101 Resp: 98232
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

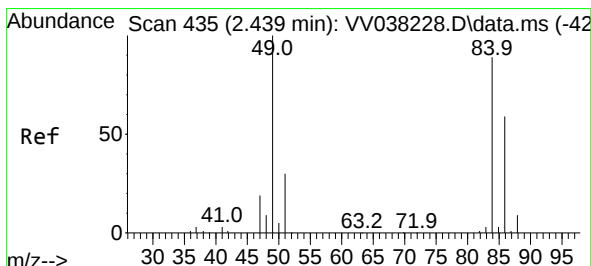
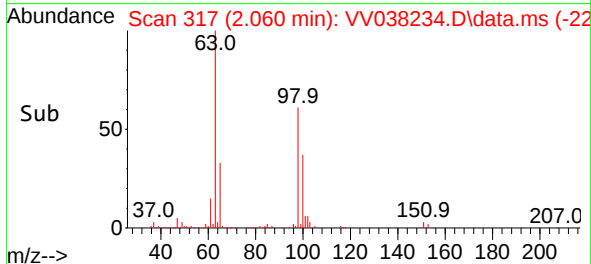
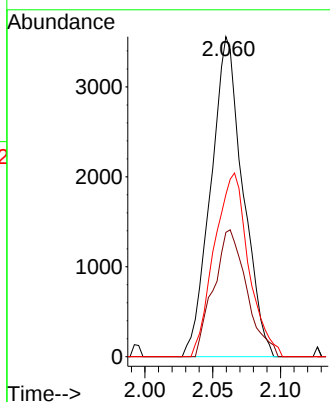
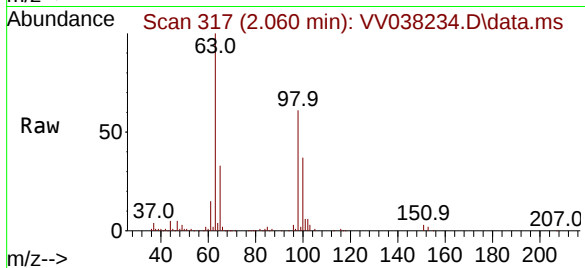




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.312 ug/L
RT: 2.060 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038234.D
Acq: 21 Nov 2024 12:21

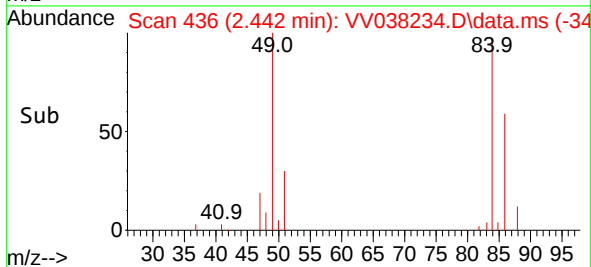
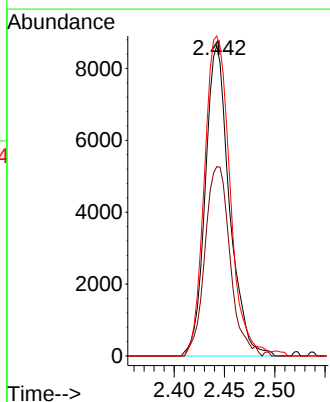
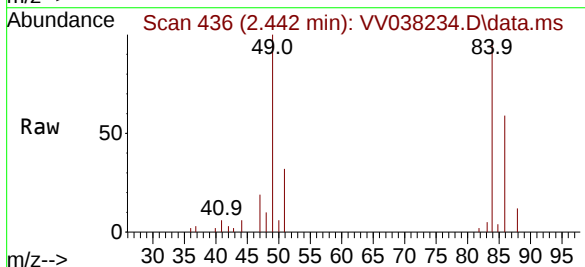
Instrument :
MSVOA_V
ClientSampleId :

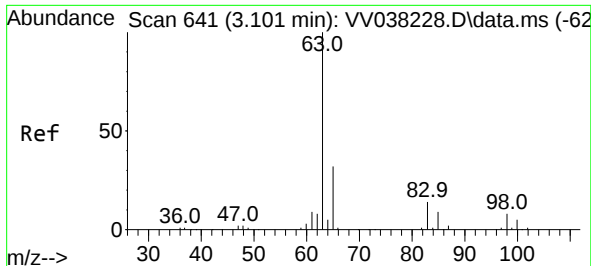
Tgt Ion:101 Resp: 5863
Ion Ratio Lower Upper
101 100
85 40.8 33.4 50.0
151 61.4 58.8 88.2



#16
Methylene chloride
Concen: 0.708 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038234.D
Acq: 21 Nov 2024 12:21

Tgt Ion: 84 Resp: 14440
Ion Ratio Lower Upper
84 100
86 61.0 44.2 82.2
49 103.1 74.9 139.1





#19

1,1-Dichloroethane

Concen: 0.610 ug/L

RT: 3.108 min Scan# 641

Delta R.T. 0.006 min

Lab File: VV038234.D

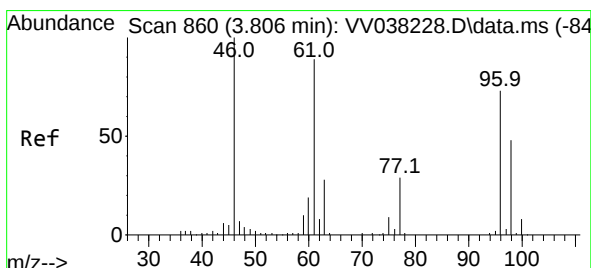
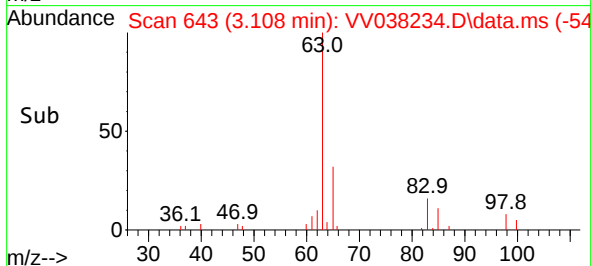
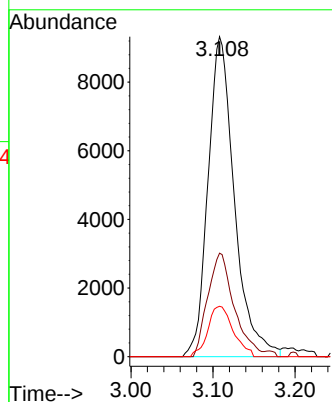
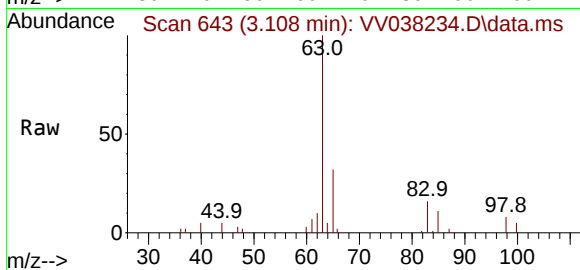
Acq: 21 Nov 2024 12:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	20870
Ion	Ratio	Lower	Upper
63	100		
65	33.9	22.5	41.7
83	15.7	10.1	18.9



#22

cis-1,2-Dichloroethene

Concen: 0.689 ug/L

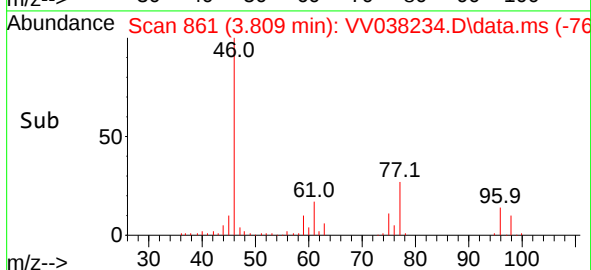
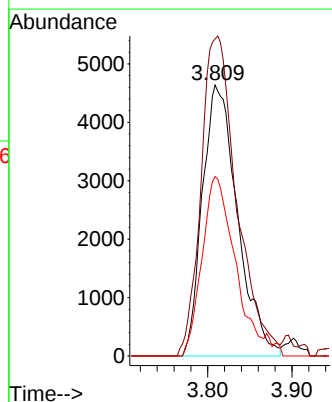
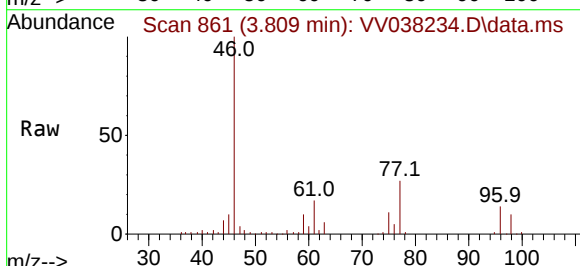
RT: 3.809 min Scan# 861

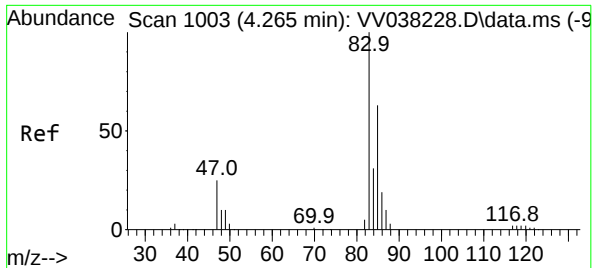
Delta R.T. 0.003 min

Lab File: VV038234.D

Acq: 21 Nov 2024 12:21

Tgt Ion:	96	Resp:	13418
Ion	Ratio	Lower	Upper
96	100		
61	117.0	82.7	153.5
98	66.2	46.3	85.9

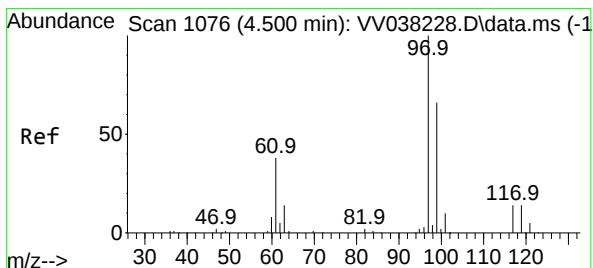
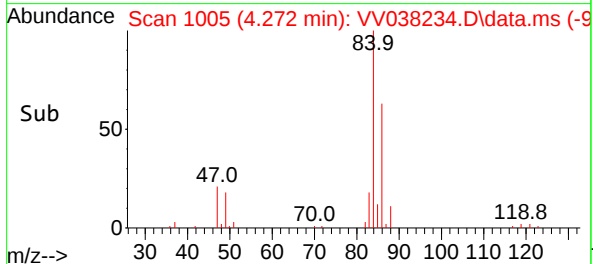
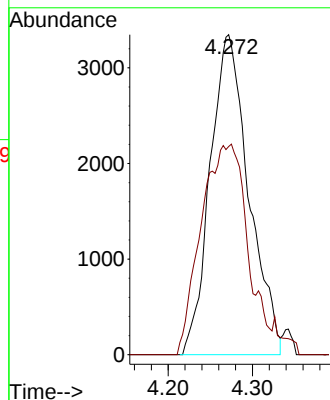
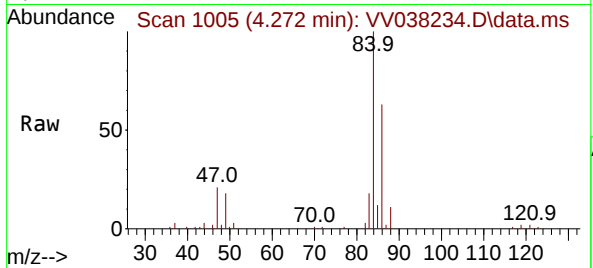




#25
Chloroform
Concen: 0.292 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV038234.D
Acq: 21 Nov 2024 12:21

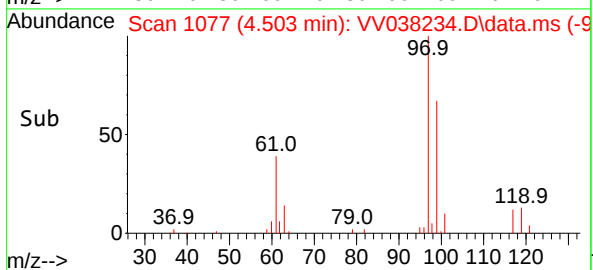
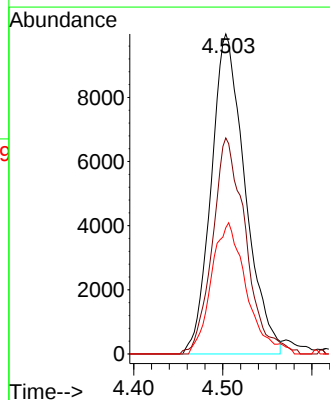
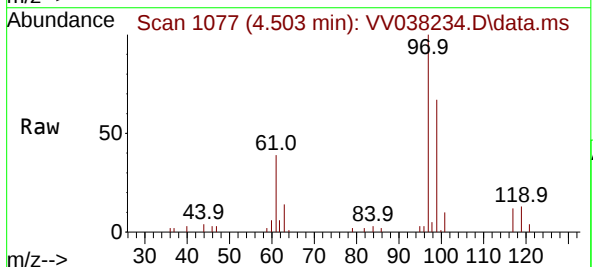
Instrument :
MSVOA_V
ClientSampleId :

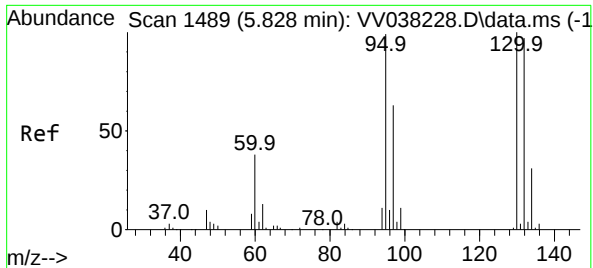
Tgt Ion: 83 Resp: 10684
Ion Ratio Lower Upper
83 100
85 65.1 46.5 86.3



#29
1,1,1-Trichloroethane
Concen: 0.809 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV038234.D
Acq: 21 Nov 2024 12:21

Tgt Ion: 97 Resp: 26337
Ion Ratio Lower Upper
97 100
99 66.4 51.8 77.8
61 42.4 32.2 48.2





#34

Trichloroethene

Concen: 7.007 ug/L

RT: 5.825 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV038234.D

Acq: 21 Nov 2024 12:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 145641

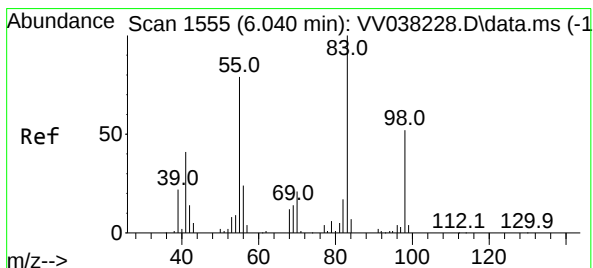
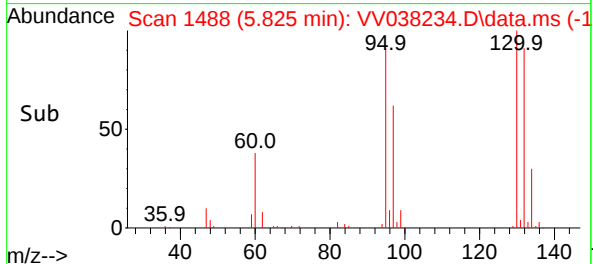
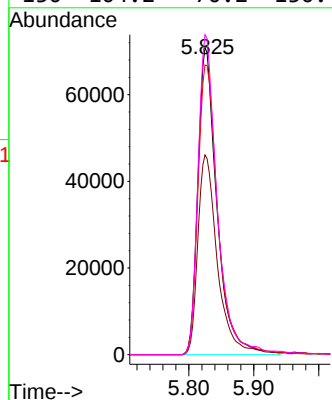
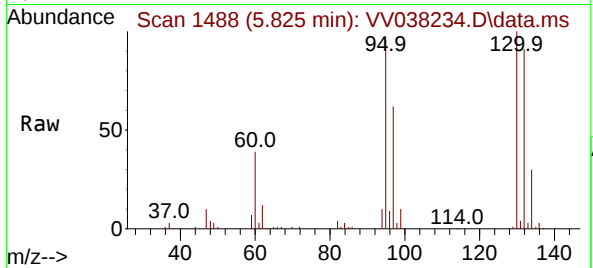
Ion Ratio Lower Upper

95 100

97 65.0 44.8 83.2

132 94.3 68.3 126.8

130 104.2 70.2 130.4



#35

Methylcyclohexane

Concen: 0.868 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV038234.D

Acq: 21 Nov 2024 12:21

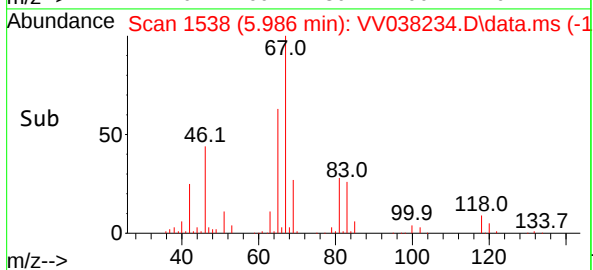
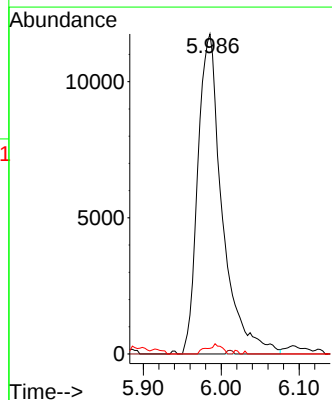
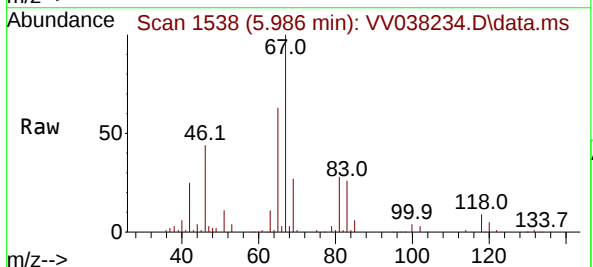
Tgt Ion: 83 Resp: 25523

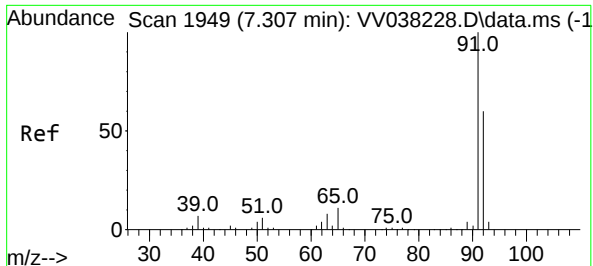
Ion Ratio Lower Upper

83 100

55 0.3 59.7 89.5#

98 1.9 39.0 58.4#

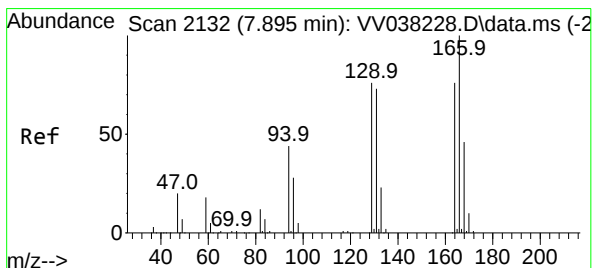
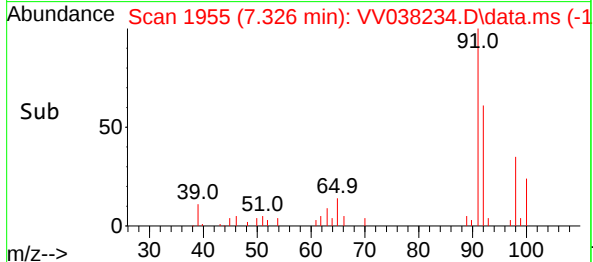
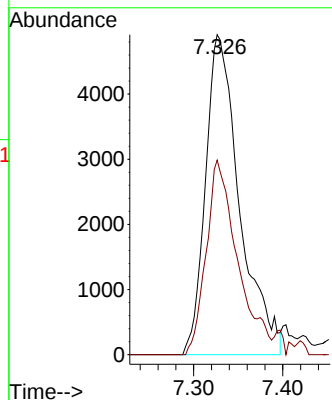
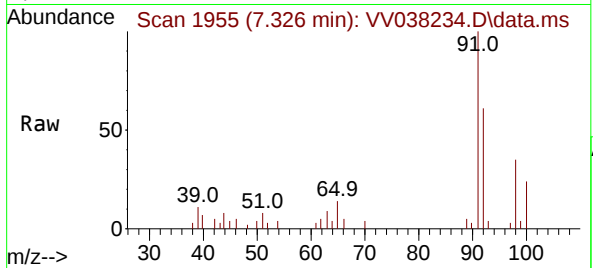




#42
Toluene
Concen: 0.162 ug/L
RT: 7.326 min Scan# 1949
Delta R.T. 0.019 min
Lab File: VV038234.D
Acq: 21 Nov 2024 12:21

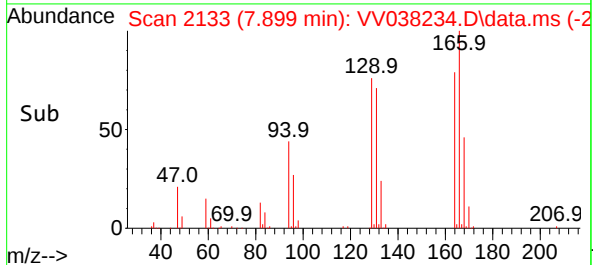
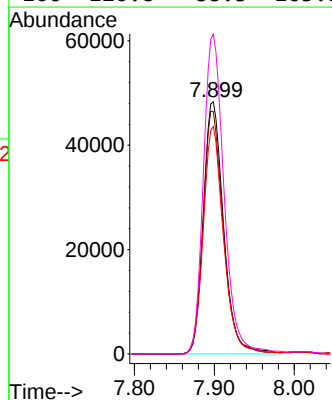
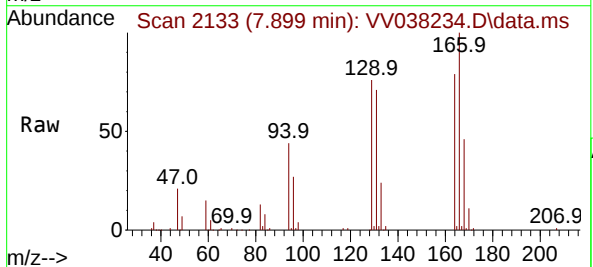
Instrument :
MSVOA_V
ClientSampleId :

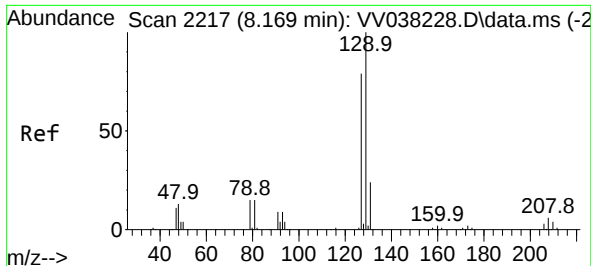
Tgt Ion: 91 Resp: 13049
Ion Ratio Lower Upper
91 100
92 60.8 40.8 75.8



#47
Tetrachloroethene
Concen: 5.105 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038234.D
Acq: 21 Nov 2024 12:21

Tgt Ion: 164 Resp: 85267
Ion Ratio Lower Upper
164 100
129 96.0 68.5 127.1
131 90.1 64.8 120.4
166 126.8 88.3 163.9





#49

Dibromochloromethane

Concen: 4.642 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. -0.273 min

Lab File: VV038234.D

Acq: 21 Nov 2024 12:21

Instrument :

MSVOA_V

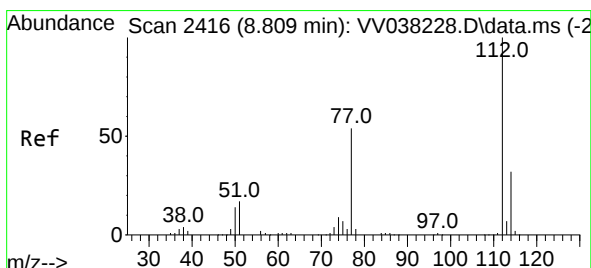
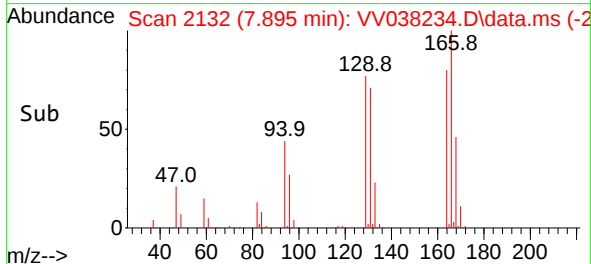
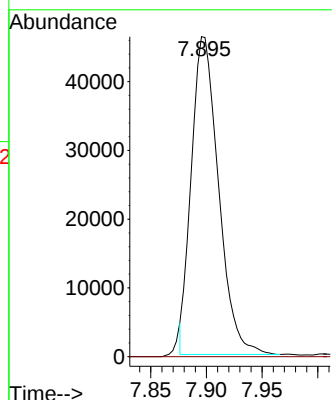
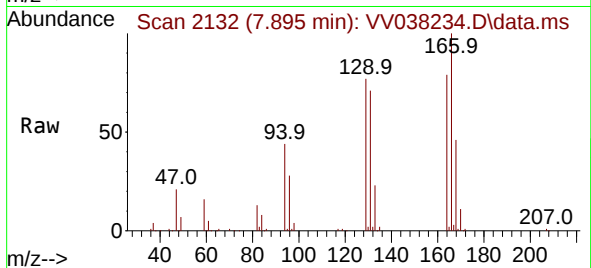
ClientSampleId :

Tgt Ion:129 Resp: 78392

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#51

Chlorobenzene

Concen: 0.149 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.010 min

Lab File: VV038234.D

Acq: 21 Nov 2024 12:21

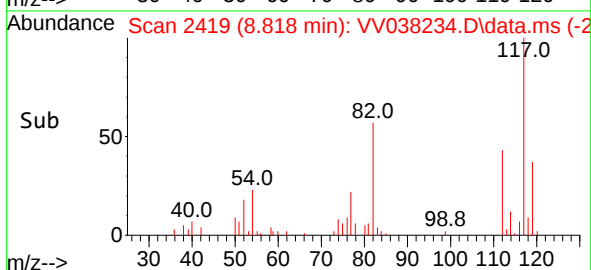
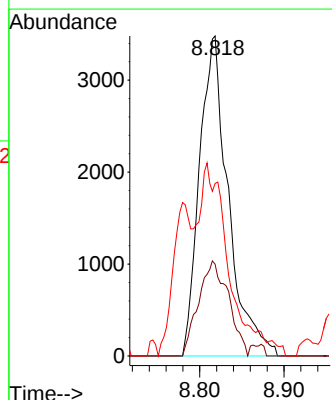
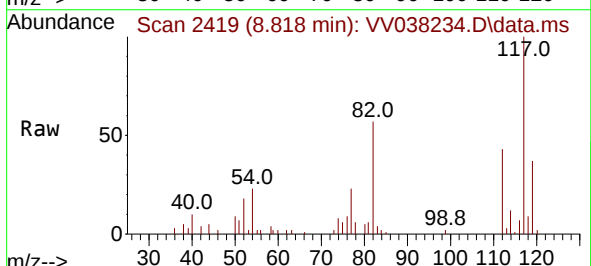
Tgt Ion:112 Resp: 8290

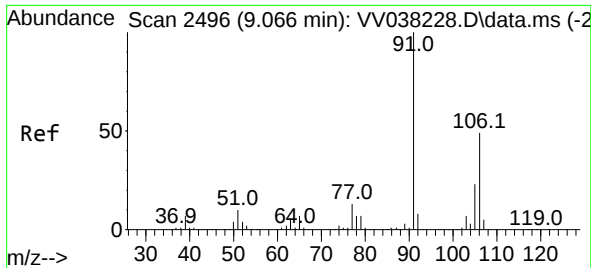
Ion Ratio Lower Upper

112 100

114 28.7 22.0 40.8

77 53.9 45.0 67.4

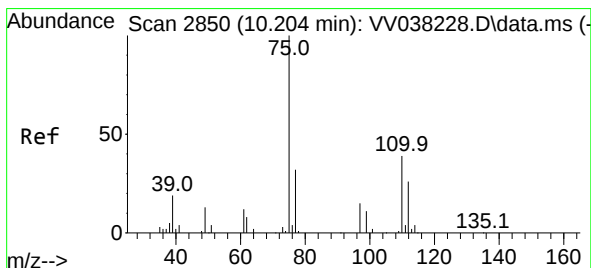
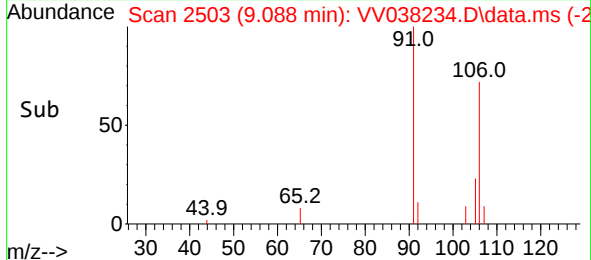
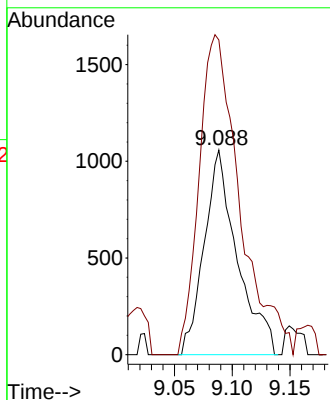
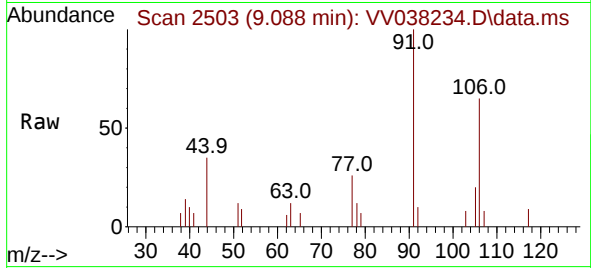




#53
m,p-Xylene
Concen: 0.065 ug/L
RT: 9.088 min Scan# 2103
Delta R.T. 0.023 min
Lab File: VV038234.D
Acq: 21 Nov 2024 12:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 2103
Ion Ratio Lower Upper
106 100
91 153.9 138.7 257.5



#61
1,2,3-Trichloropropane
Concen: 1.281 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038234.D
Acq: 21 Nov 2024 12:21

Tgt Ion: 75 Resp: 12674
Ion Ratio Lower Upper
75 100
77 33.6 26.4 39.6
110 2.6 32.3 48.5#

