

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038205.D
 Acq On : 20 Nov 2024 11:08
 Operator : SY/MD
 Sample : P4882-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:46:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	222241	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	236316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	95830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	75594	4.438	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.529	69	71293	5.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.053	65	34491	4.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.799	46	192575	56.512	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.020%
24) Chloroform-d	4.240	84	173437	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	4.937	65	85355	5.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%
32) Benzene-d6	4.953	84	301382	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	5.982	67	100522	5.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.240	98	243230	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.558	79	33130	4.741	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.021	63	161438	59.436	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.880%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	85050	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	98250	6.017	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.400%#
Target Compounds						Qvalue
3) Chloromethane	1.214	50	4669	0.258	ug/L	88
13) Acetone	1.983	43	1211075	480.530	ug/L	41
16) Methylene chloride	2.442	84	17800	0.983	ug/L	97
17) Methyl tert-butyl Ether	2.700	73	84042	2.342	ug/L	99
22) cis-1,2-Dichloroethene	3.812	96	5621	0.325	ug/L	88
29) 1,1,1-Trichloroethane	4.507	97	24562	0.867	ug/L	98
34) Trichloroethene	5.831	95	51173	2.828	ug/L	96
35) Methylcyclohexane	5.986	83	25290	0.988	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	10621	0.639	ug/L #	87
42) Toluene	7.326	91	14567	0.207	ug/L	85
44) trans-1,3-Dichloropropene	7.558	75	1721	0.088	ug/L	98
47) Tetrachloroethene	7.899	164	38301	2.634	ug/L	96
49) Dibromochloromethane	7.902	129	37638	2.560	ug/L #	11
51) Chlorobenzene	8.812	112	7972	0.165	ug/L	99
53) m,p-Xylene	9.085	106	2578	0.092	ug/L	94
61) 1,2,3-Trichloropropane	11.182	75	10437	1.272	ug/L #	62

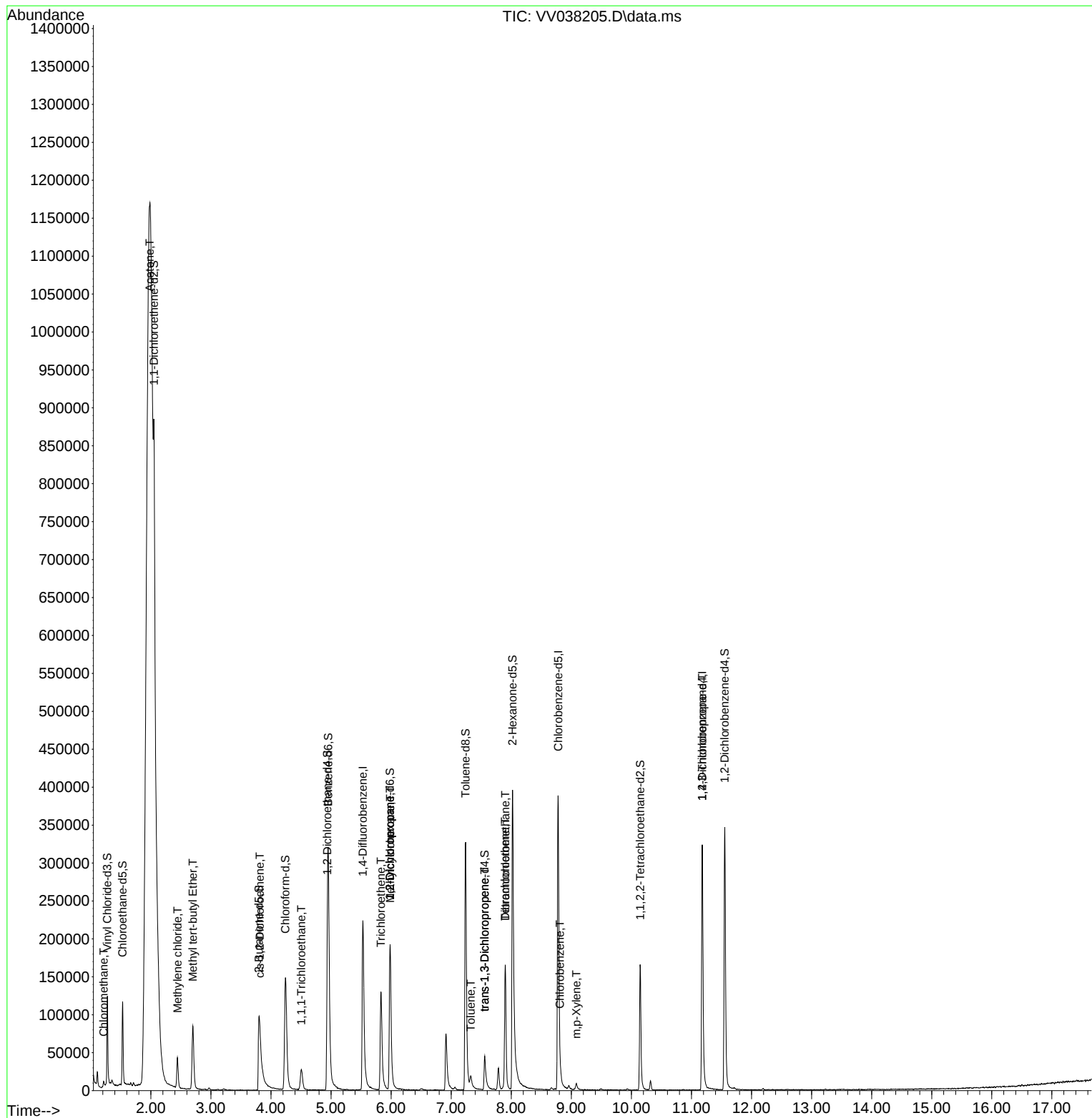
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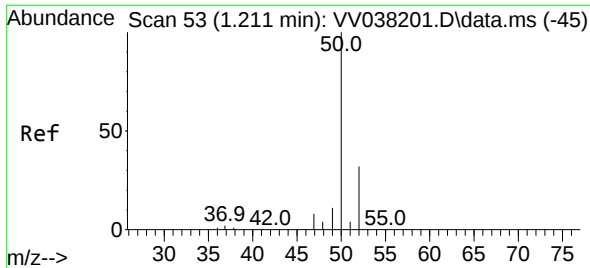
Instrument :
MSVOA_V
ClientSampleId :

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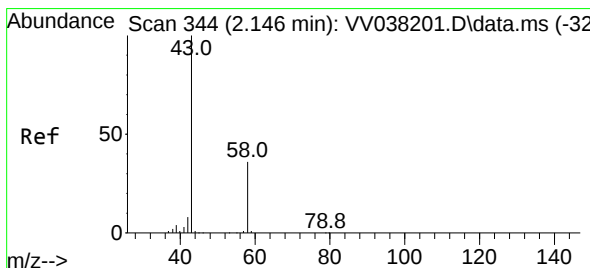
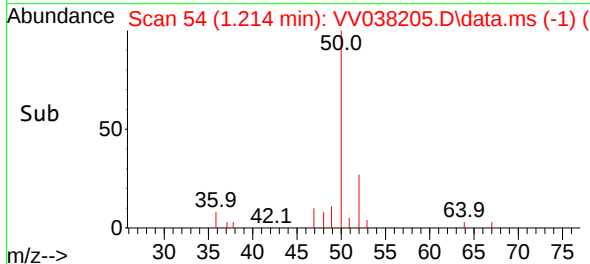
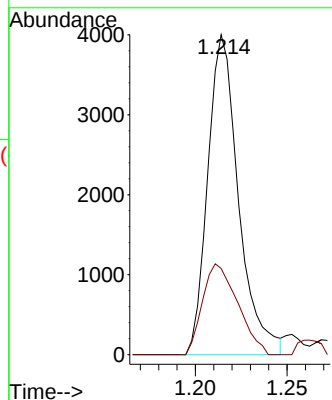
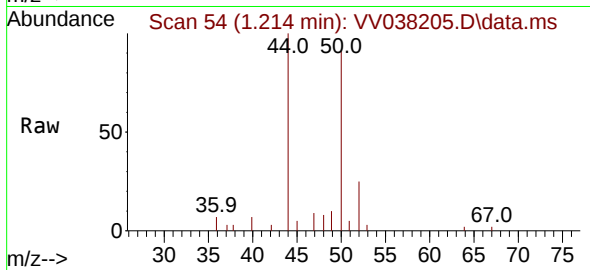




#3
Chloromethane
Concen: 0.258 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

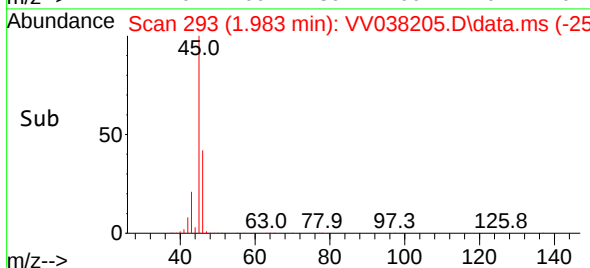
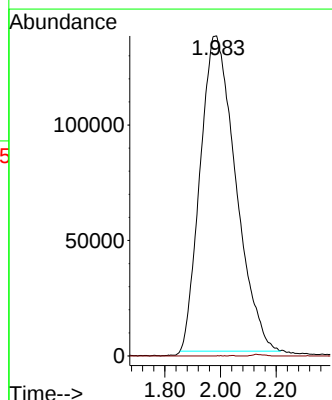
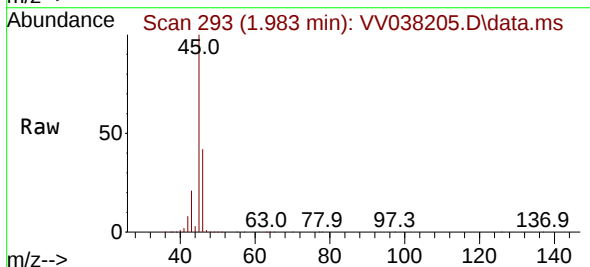
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MSVOA_V
ClientSampleId :

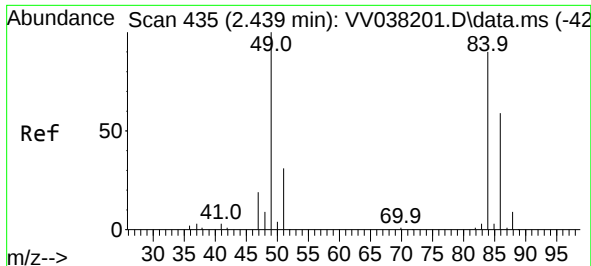
Tgt Ion: 50 Resp: 4669
Ion Ratio Lower Upper
50 100
52 27.0 23.5 43.7



#13
Acetone
Concen: 480.530 ug/L
RT: 1.983 min Scan# 293
Delta R.T. -0.164 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

Tgt Ion: 43 Resp: 1211075
Ion Ratio Lower Upper
43 100
58 0.0 0.0 67.2

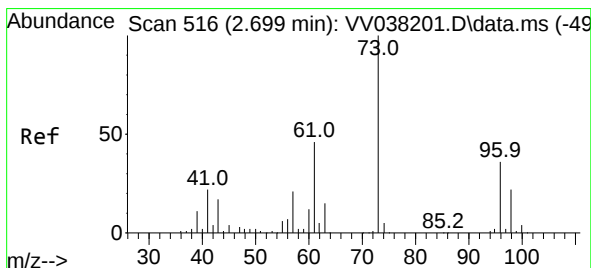
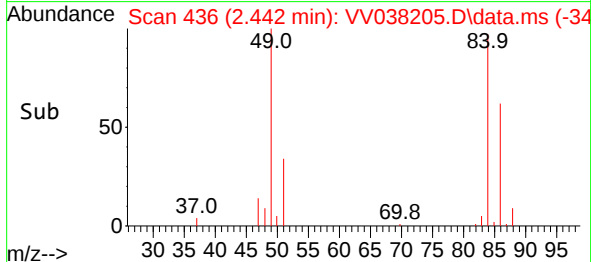
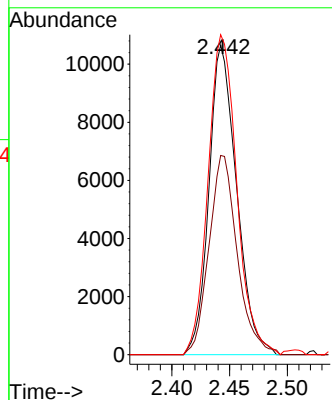
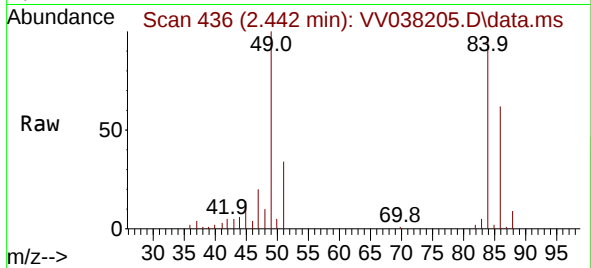




#16
Methylene chloride
Concen: 0.983 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

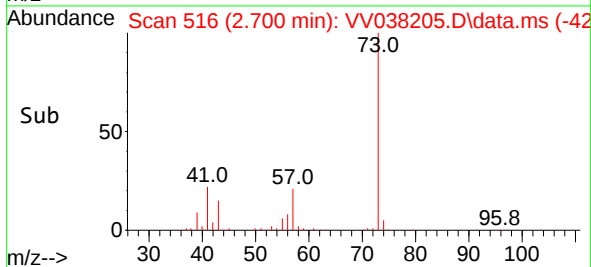
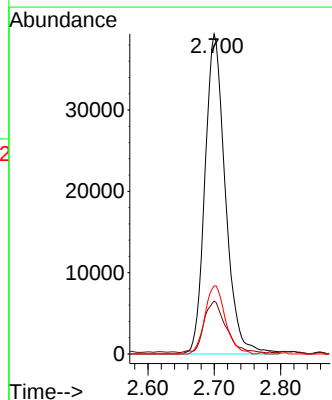
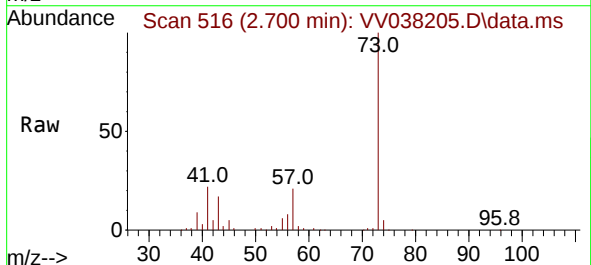
Instrument :
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ClientSampleId :

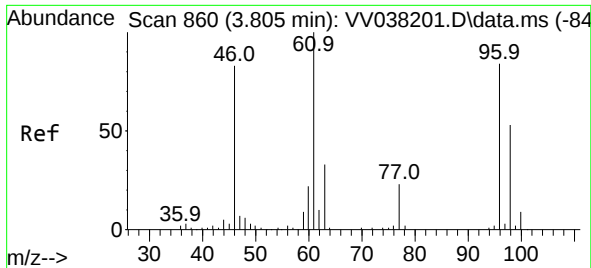
Tgt Ion: 84 Resp: 17800
Ion Ratio Lower Upper
84 100
86 64.3 44.2 82.2
49 103.4 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 2.342 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

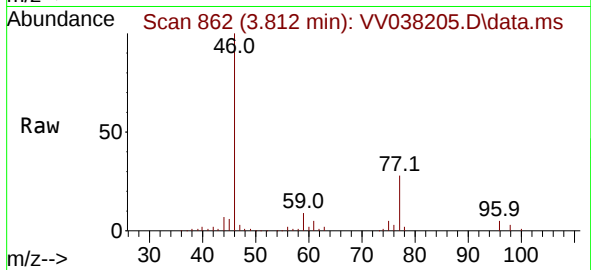
Tgt Ion: 73 Resp: 84042
Ion Ratio Lower Upper
73 100
43 17.0 14.2 21.2
57 21.4 17.6 26.4



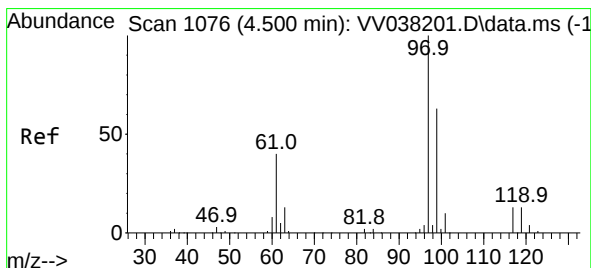
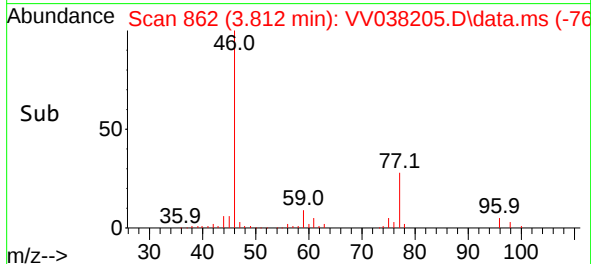
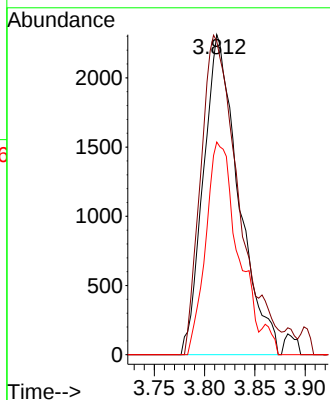


#22
 cis-1,2-Dichloroethene
 Concen: 0.325 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. 0.007 min
 Lab File: VV038205.D
 Acq: 20 Nov 2024 11:08

Instrument :
 MSVOA_V
 ClientSampleId :

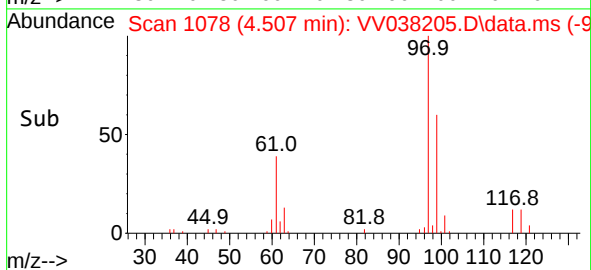
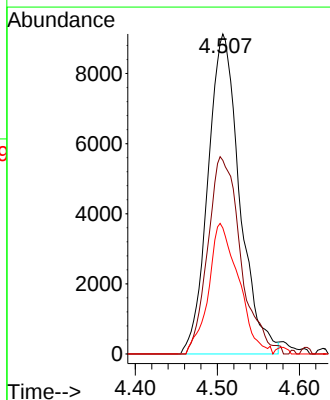
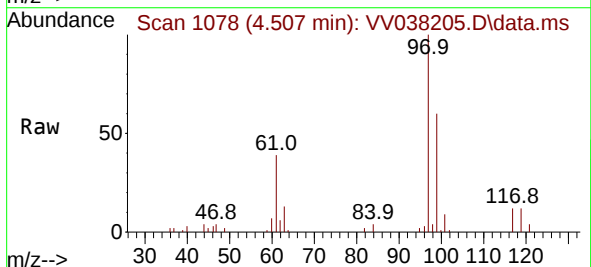


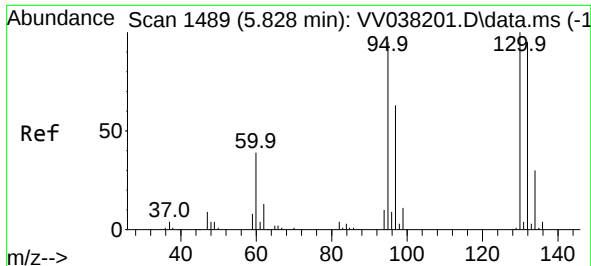
Tgt Ion:	96	Resp:	5621
Ion	Ratio	Lower	Upper
96	100		
61	98.0	82.7	153.5
98	66.4	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.867 ug/L
 RT: 4.507 min Scan# 1078
 Delta R.T. 0.007 min
 Lab File: VV038205.D
 Acq: 20 Nov 2024 11:08

Tgt Ion:	97	Resp:	24562
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.8
61	38.7	32.2	48.2

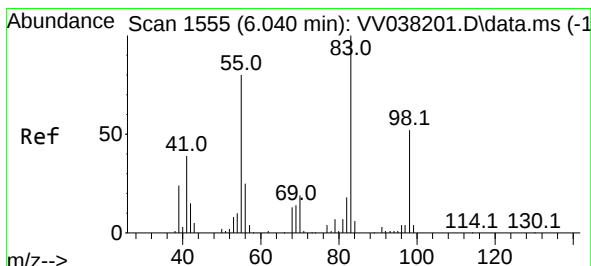
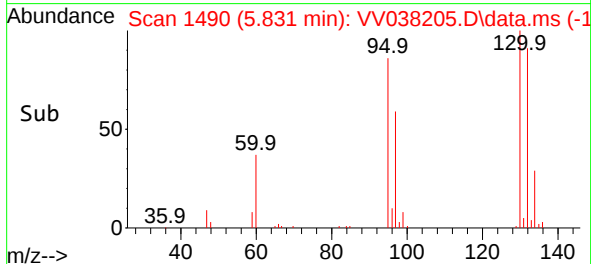
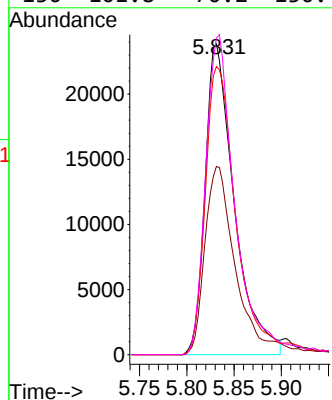
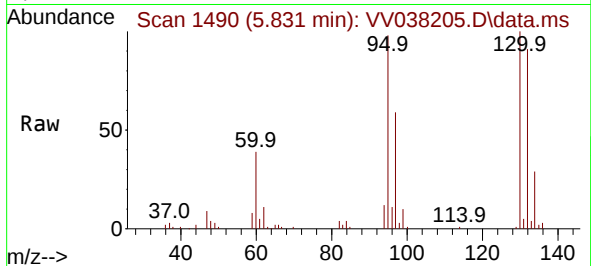




#34
Trichloroethene
Concen: 2.828 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

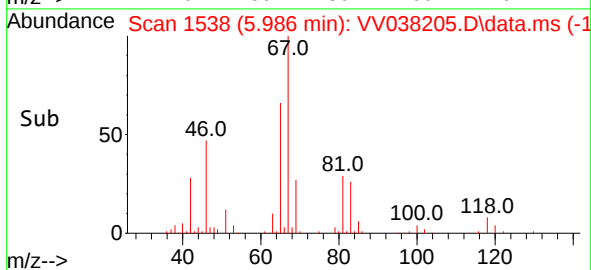
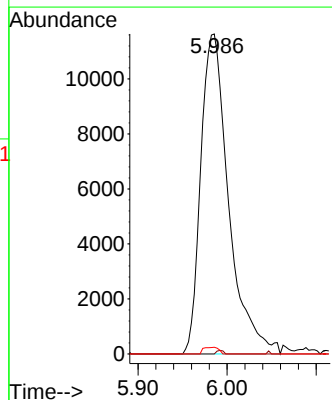
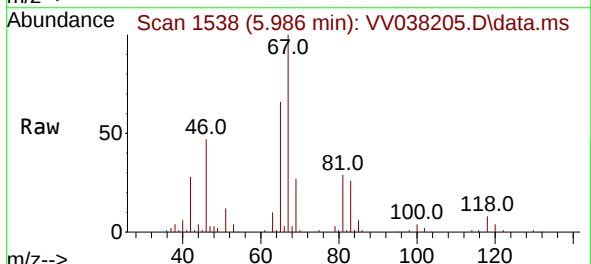
Instrument :
MSVOA_V
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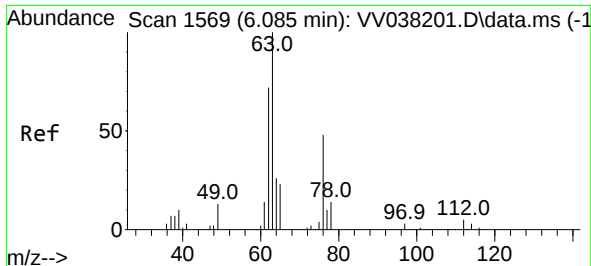
Tgt Ion:	95	Resp:	51173
Ion	Ratio	Lower	Upper
95	100		
97	60.5	44.8	83.2
132	92.7	68.3	126.8
130	101.8	70.2	130.4



#35
Methylcyclohexane
Concen: 0.988 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.055 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

Tgt Ion:	83	Resp:	25290
Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.7	89.5#
98	1.1	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV038205.D

Acq: 20 Nov 2024 11:08

Instrument :

MSVOA_V

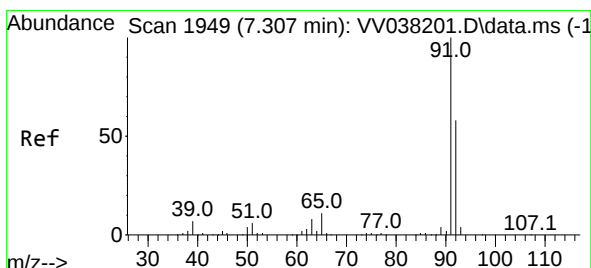
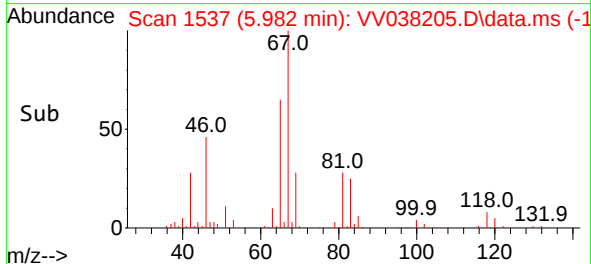
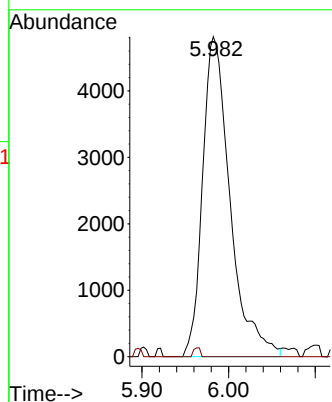
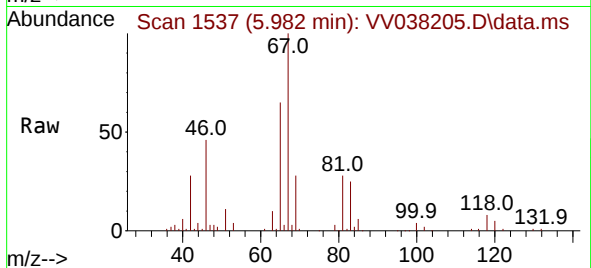
ClientSampleId :

Tgt Ion: 63 Resp: 10621

Ion Ratio Lower Upper

63 100

112 0.7 3.9 5.9#



#42

Toluene

Concen: 0.207 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.019 min

Lab File: VV038205.D

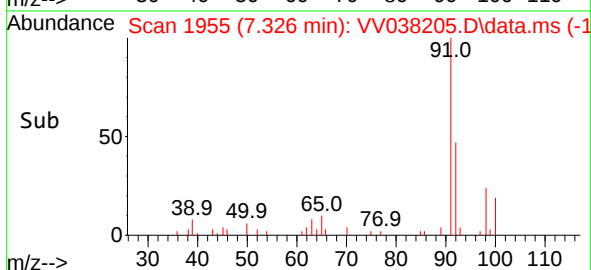
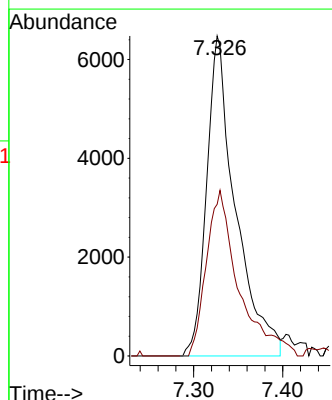
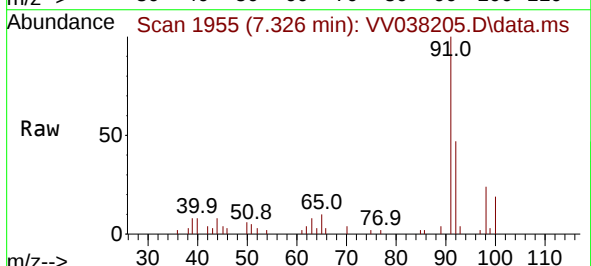
Acq: 20 Nov 2024 11:08

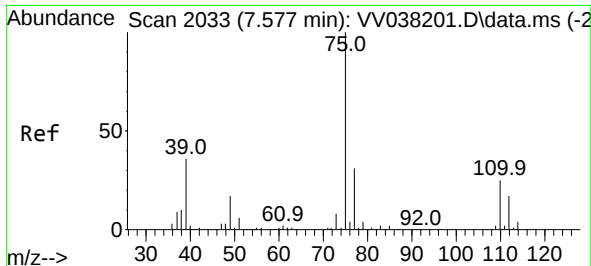
Tgt Ion: 91 Resp: 14567

Ion Ratio Lower Upper

91 100

92 47.4 40.8 75.8

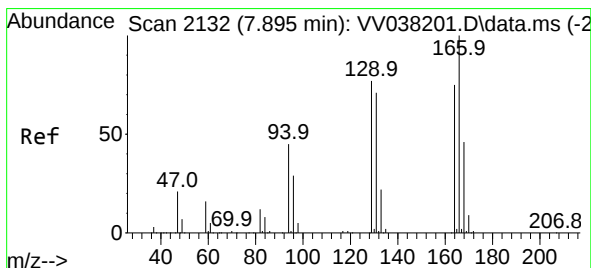
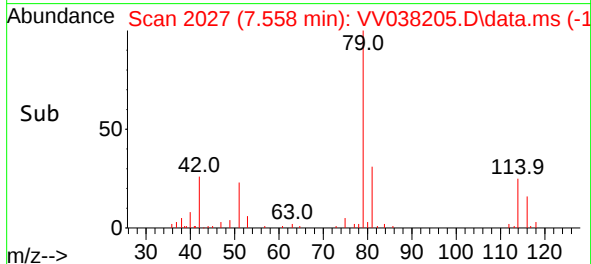
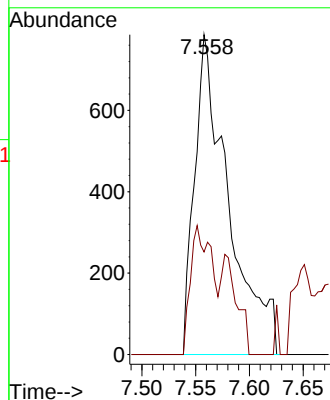
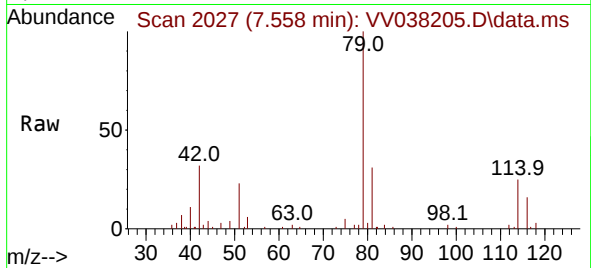




#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.558 min Scan# 2033
Delta R.T. -0.019 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

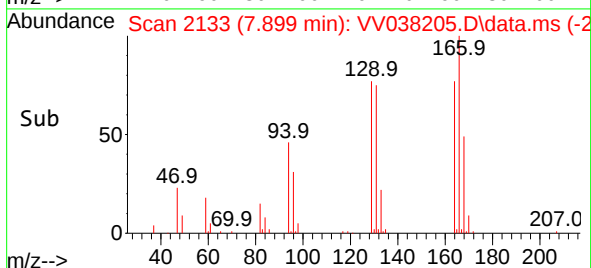
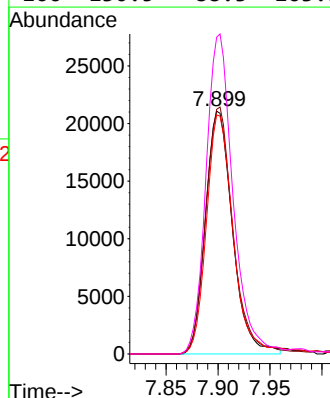
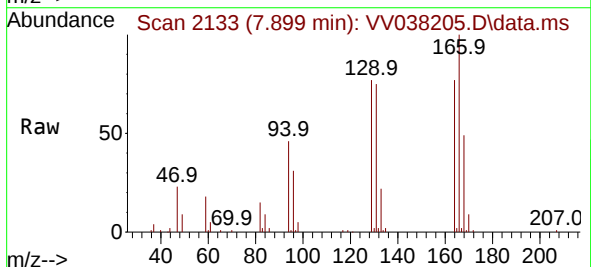
Instrument :
MSVOA_V
ClientSampleId :

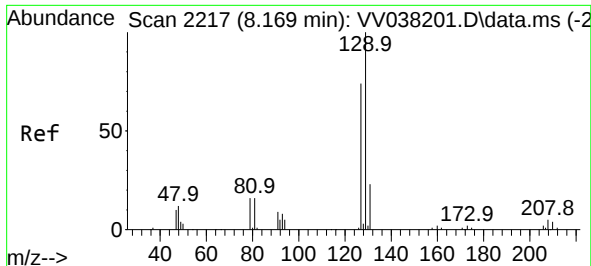
Tgt Ion: 75 Resp: 1721
Ion Ratio Lower Upper
75 100
77 32.1 23.4 43.4



#47
Tetrachloroethene
Concen: 2.634 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

Tgt Ion:164 Resp: 38301
Ion Ratio Lower Upper
164 100
129 100.8 68.5 127.1
131 98.5 64.8 120.4
166 130.5 88.3 163.9

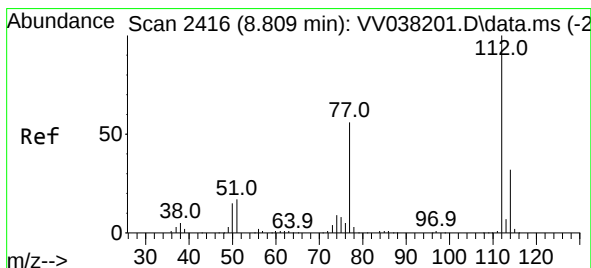
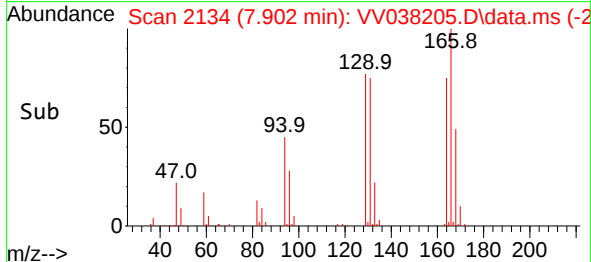
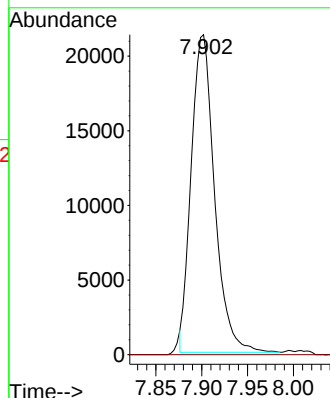
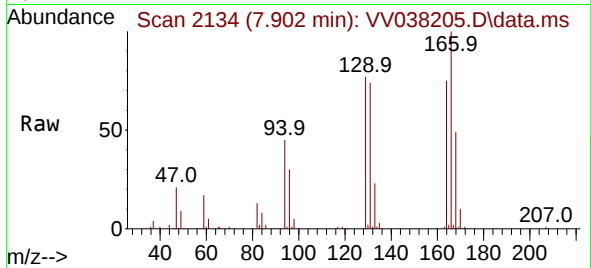




#49
Dibromochloromethane
Concen: 2.560 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.267 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

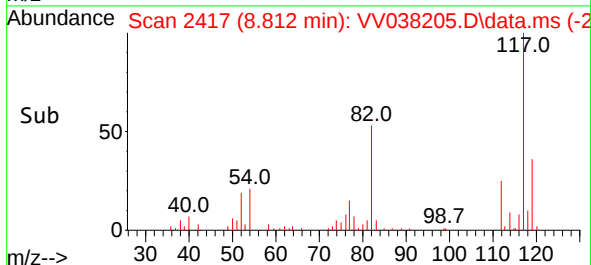
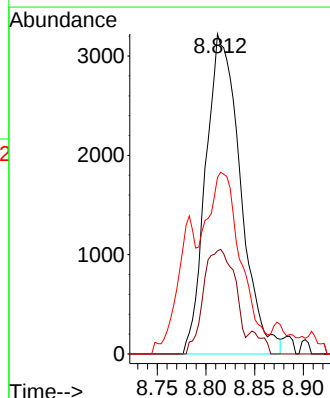
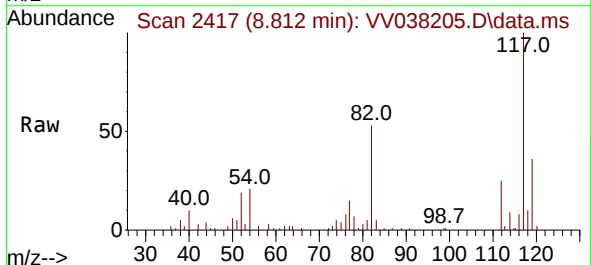
Instrument :
MSVOA_V
ClientSampleId :

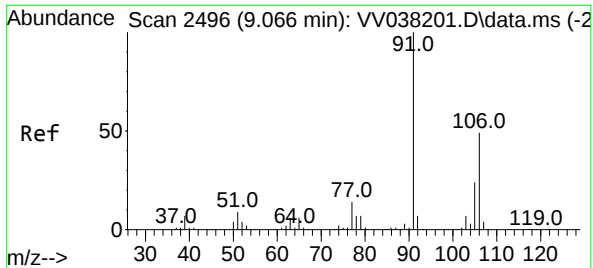
Tgt Ion:129 Resp: 37638
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#51
Chlorobenzene
Concen: 0.165 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

Tgt Ion:112 Resp: 7972
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 55.2 45.0 67.4

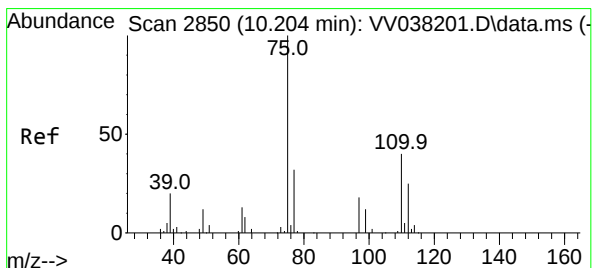
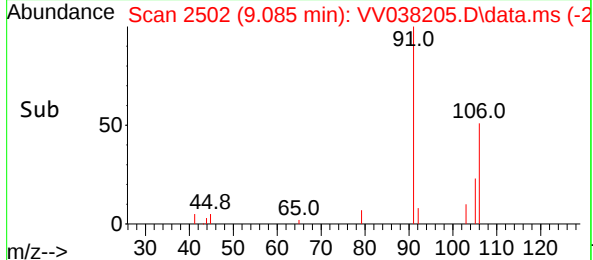
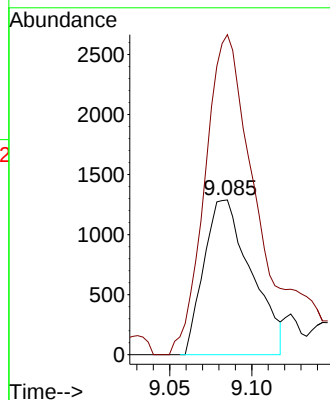
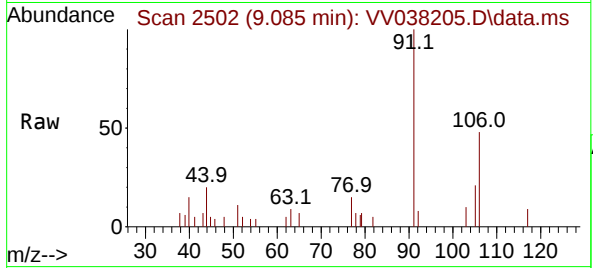




#53
m,p-Xylene
Concen: 0.092 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 2578
Ion Ratio Lower Upper
106 100
91 206.7 138.7 257.5



#61
1,2,3-Trichloropropane
Concen: 1.272 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.978 min
Lab File: VV038205.D
Acq: 20 Nov 2024 11:08

Tgt Ion: 75 Resp: 10437
Ion Ratio Lower Upper
75 100
77 38.0 26.4 39.6
110 1.7 32.3 48.5#

