

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038204.D
 Acq On : 20 Nov 2024 10:44
 Operator : SY/MD
 Sample : P4882-19
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 01:46:02 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	221238	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	245746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	98403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	82438	4.861	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.529	69	76976	5.612	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	112.200%	
11) 1,1-Dichloroethene-d2	2.050	65	37388	5.123	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.400%	
20) 2-Butanone-d5	3.799	46	203665	60.038	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.080%	
24) Chloroform-d	4.236	84	182094	5.533	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
26) 1,2-Dichloroethane-d4	4.934	65	89841	6.084	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	121.600%	
32) Benzene-d6	4.950	84	324120	5.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
36) 1,2-Dichloropropane-d6	5.979	67	107160	5.483	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.600%	
41) Toluene-d8	7.236	98	259134	4.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
43) trans-1,3-Dichloroprop...	7.555	79	36592	5.036	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.800%	
46) 2-Hexanone-d5	8.021	63	176750	62.576	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	125.160%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92333	5.565	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.400%	
66) 1,2-Dichlorobenzene-d4	11.554	152	103393	6.167	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	123.400%#	
Target Compounds						Qvalue
3) Chloromethane	1.211	50	7326	0.406	ug/L	95
6) Bromomethane	1.484	94	2005	0.252	ug/L	95
13) Acetone	2.018	43	789006	314.481	ug/L	41
16) Methylene chloride	2.442	84	19065	1.058	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	3815	0.222	ug/L	86
29) 1,1,1-Trichloroethane	4.500	97	19583	0.664	ug/L	97
34) Trichloroethene	5.831	95	32625	1.734	ug/L	96
35) Methylcyclohexane	5.979	83	26969	1.013	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	12032	0.696	ug/L #	86
42) Toluene	7.326	91	14005	0.192	ug/L	89
47) Tetrachloroethene	7.902	164	28411	1.879	ug/L	98
48) 2-Hexanone	8.021	43	20336	3.099	ug/L #	69
49) Dibromochloromethane	7.899	129	25622	1.676	ug/L #	11
51) Chlorobenzene	8.812	112	8636	0.171	ug/L	92
53) m,p-Xylene	9.075	106	2608	0.089	ug/L	87
61) 1,2,3-Trichloropropane	11.178	75	11555	1.372	ug/L #	66

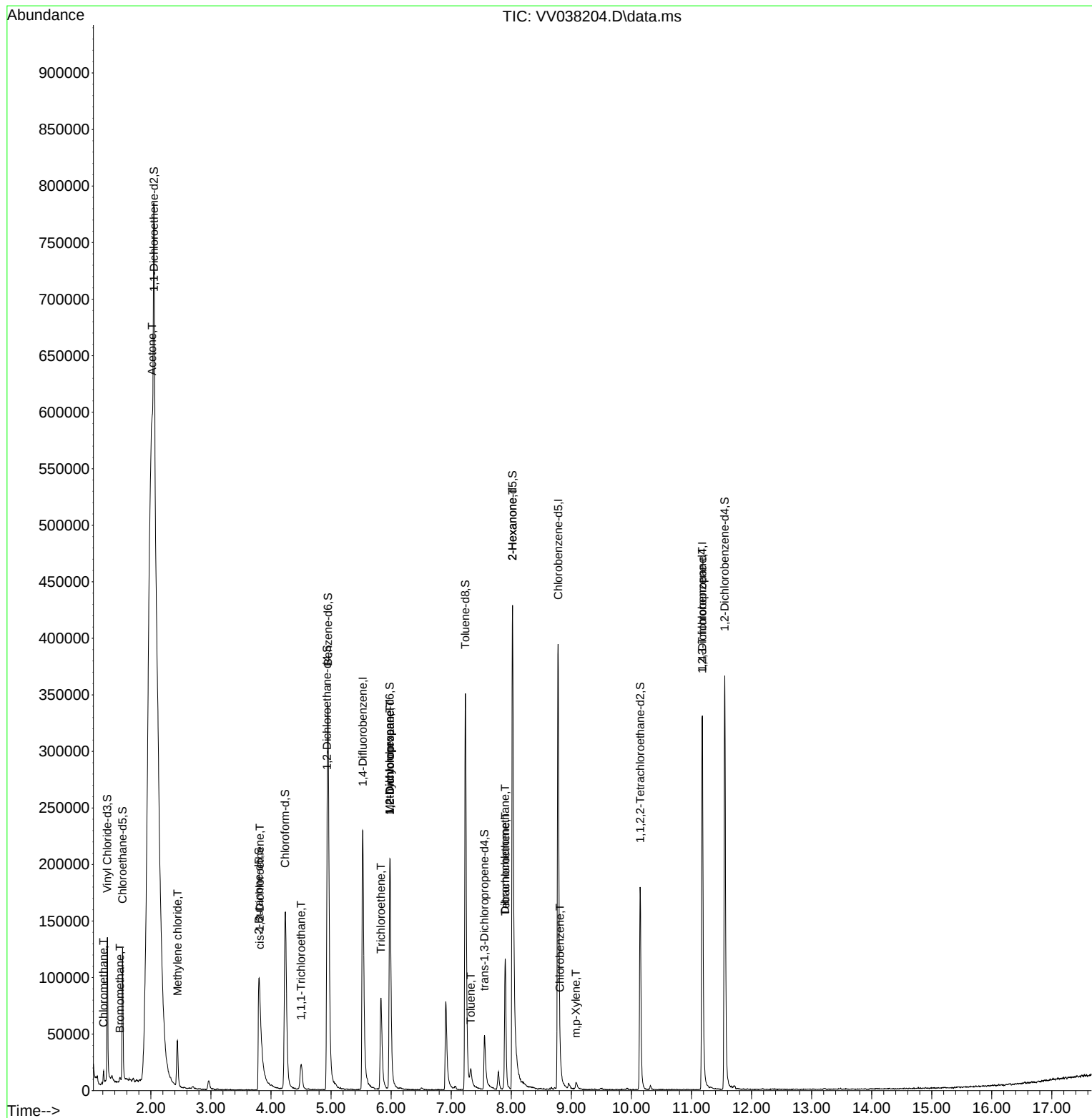
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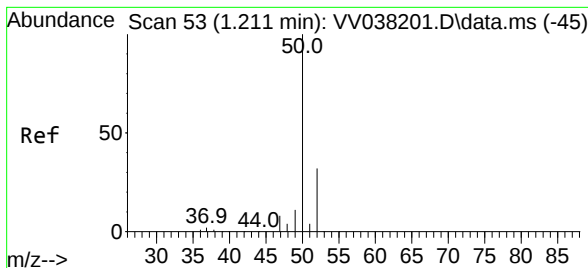
Instrument :
MSVOA_V
ClientSampleId :

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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





#3

Chloromethane

Concen: 0.406 ug/L

RT: 1.211 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV038204.D

Acq: 20 Nov 2024 10:44

Instrument :

MSVOA_V

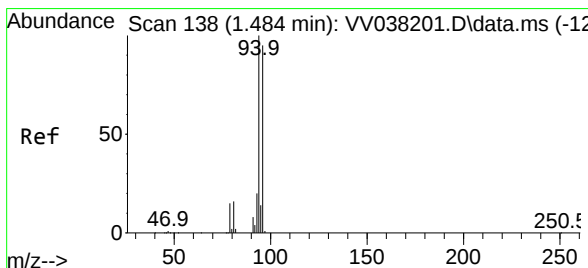
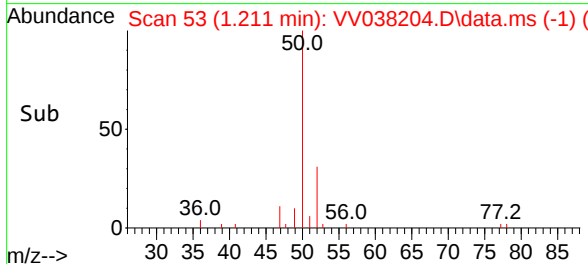
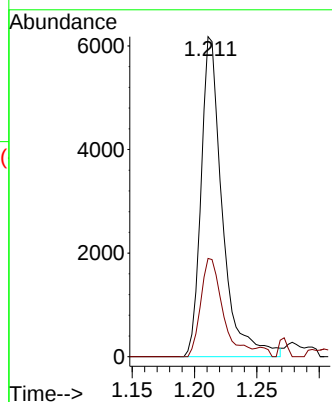
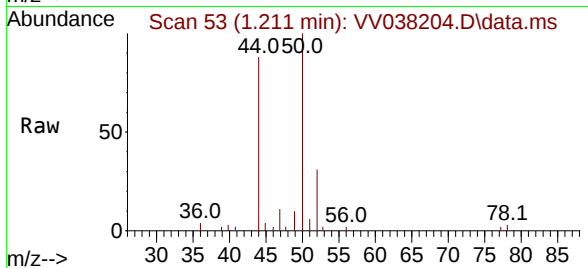
ClientSampleId :

Tgt Ion: 50 Resp: 7326

Ion Ratio Lower Upper

50 100

52 30.7 23.5 43.7



#6

Bromomethane

Concen: 0.252 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038204.D

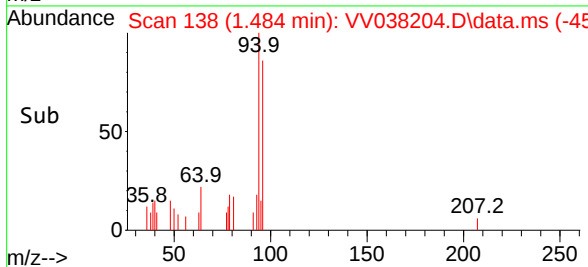
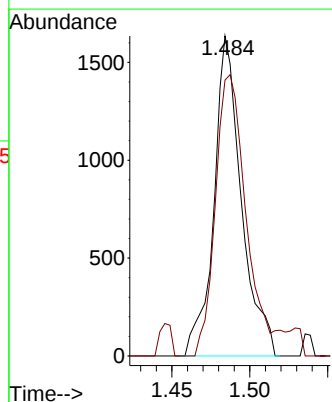
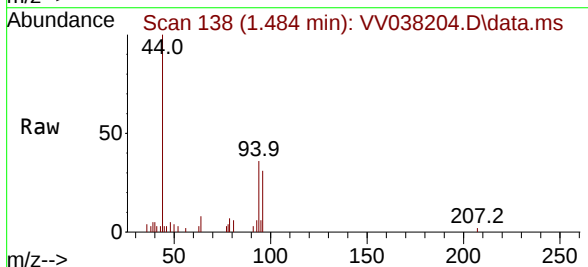
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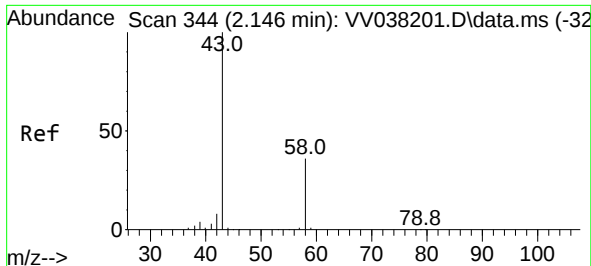
Tgt Ion: 94 Resp: 2005

Ion Ratio Lower Upper

94 100

96 86.2 63.7 118.3





#13

Acetone

Concen: 314.481 ug/L

RT: 2.018 min Scan# 304

Delta R.T. -0.129 min

Lab File: VV038204.D

Acq: 20 Nov 2024 10:44

Instrument :

MSVOA_V

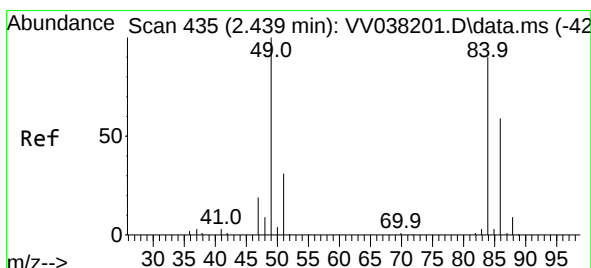
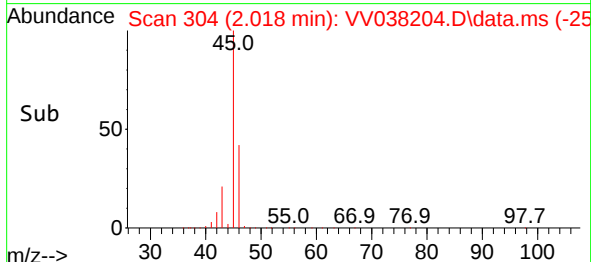
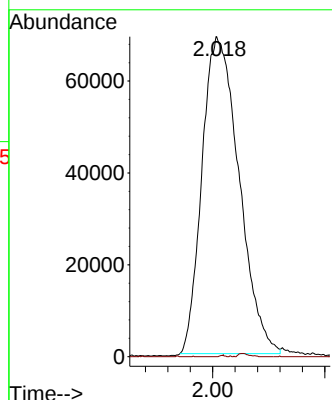
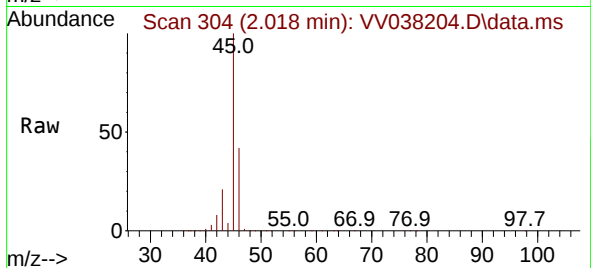
ClientSampleId :

Tgt Ion: 43 Resp: 789006

Ion Ratio Lower Upper

43 100

58 0.1 0.0 67.2



#16

Methylene chloride

Concen: 1.058 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV038204.D

Acq: 20 Nov 2024 10:44

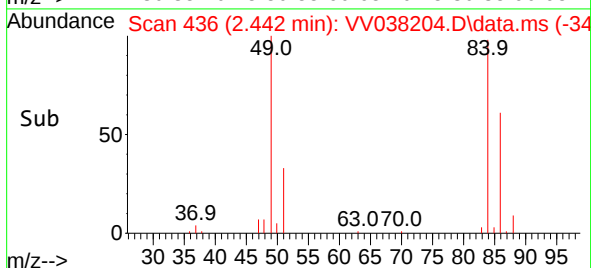
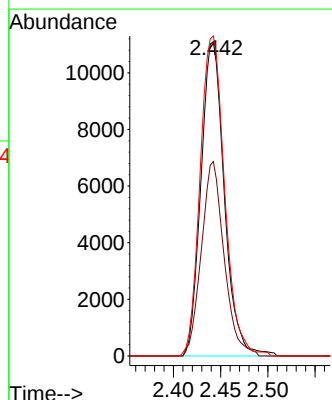
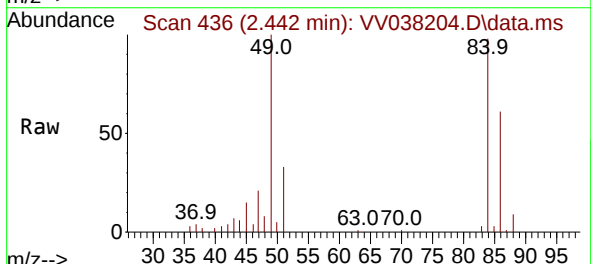
Tgt Ion: 84 Resp: 19065

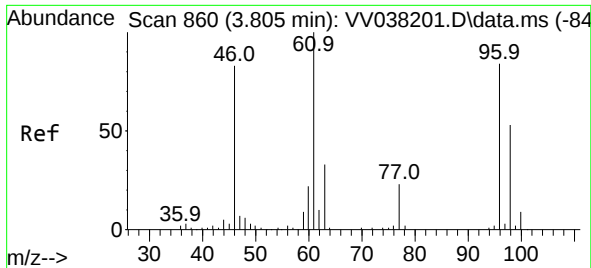
Ion Ratio Lower Upper

84 100

86 61.9 44.2 82.2

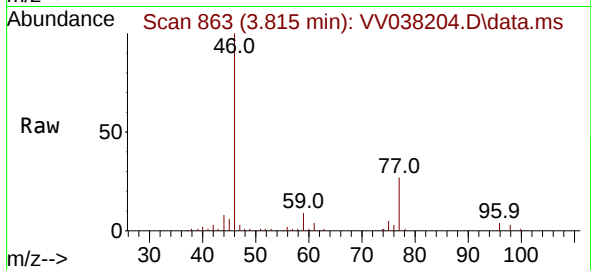
49 101.9 74.9 139.1



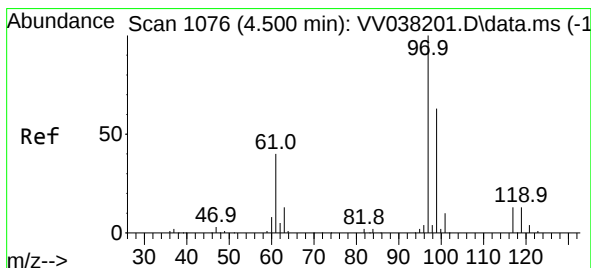
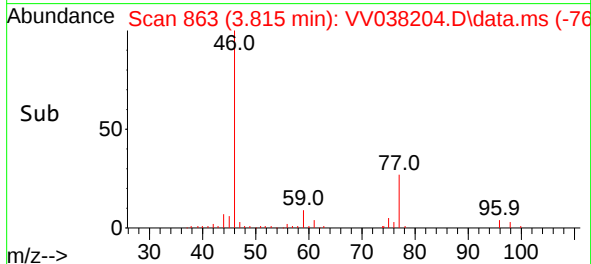
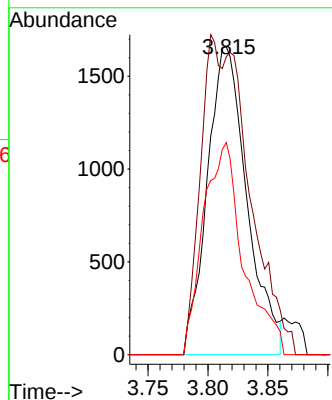


#22
 cis-1,2-Dichloroethene
 Concen: 0.222 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.010 min
 Lab File: VV038204.D
 Acq: 20 Nov 2024 10:44

Instrument :
 MSVOA_V
 ClientSampleId :

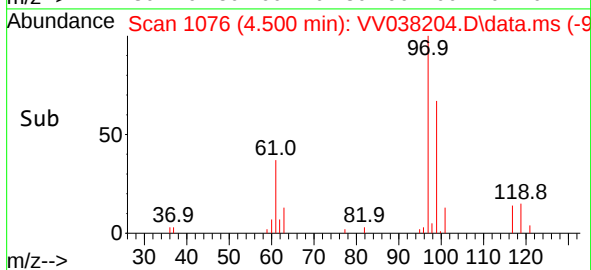
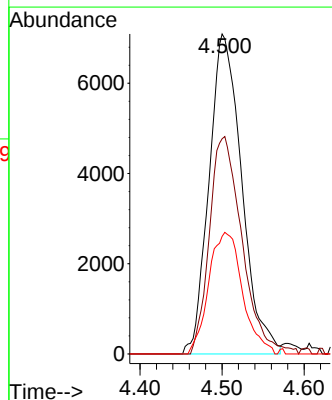
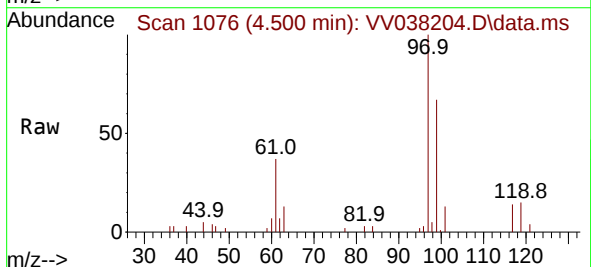


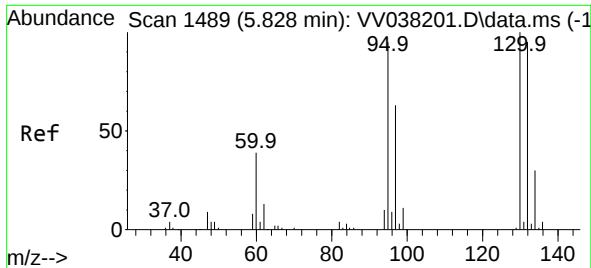
Tgt Ion:	96	Resp:	3815
Ion	Ratio	Lower	Upper
96	100		
61	96.7	82.7	153.5
98	68.9	46.3	85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.664 ug/L
 RT: 4.500 min Scan# 1076
 Delta R.T. 0.000 min
 Lab File: VV038204.D
 Acq: 20 Nov 2024 10:44

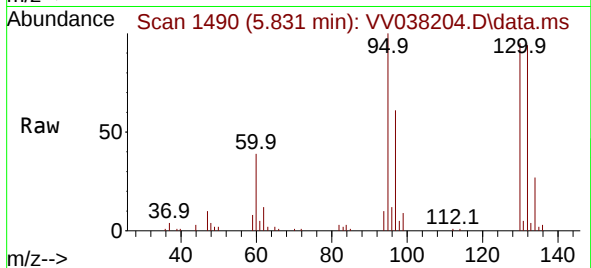
Tgt Ion:	97	Resp:	19583
Ion	Ratio	Lower	Upper
97	100		
99	68.1	51.8	77.8
61	39.3	32.2	48.2





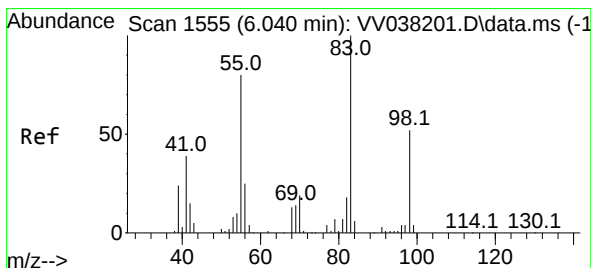
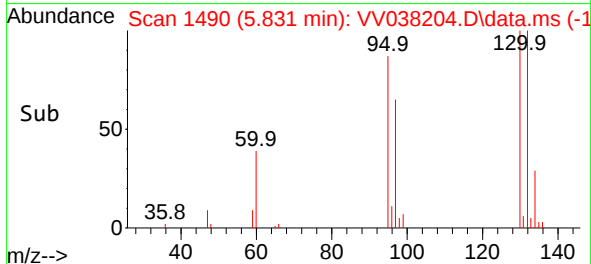
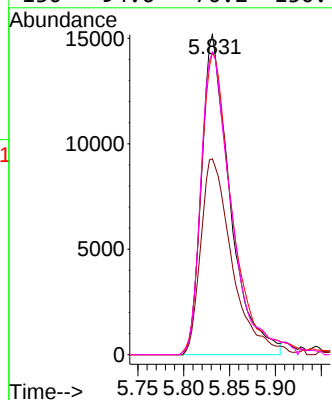
#34
Trichloroethene
Concen: 1.734 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 32625

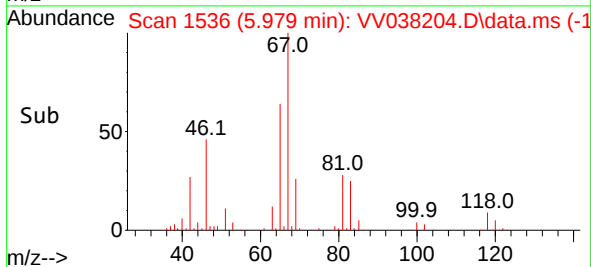
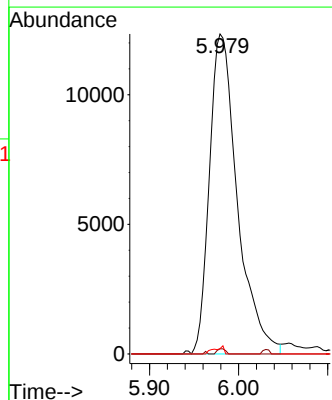
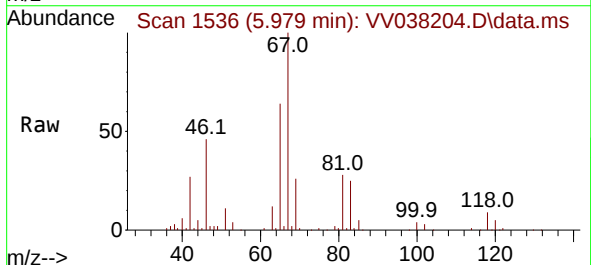
Ion	Ratio	Lower	Upper
95	100		
97	61.2	44.8	83.2
132	94.4	68.3	126.8
130	94.6	70.2	130.4

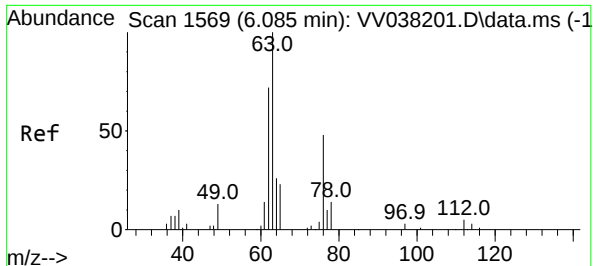


#35
Methylcyclohexane
Concen: 1.013 ug/L
RT: 5.979 min Scan# 1536
Delta R.T. -0.061 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Tgt Ion: 83 Resp: 26969

Ion	Ratio	Lower	Upper
83	100		
55	0.5	59.7	89.5#
98	0.8	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.696 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV038204.D

Acq: 20 Nov 2024 10:44

Instrument :

MSVOA_V

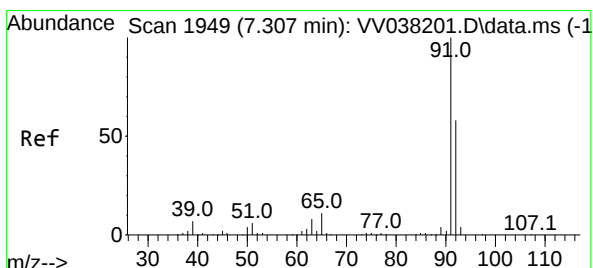
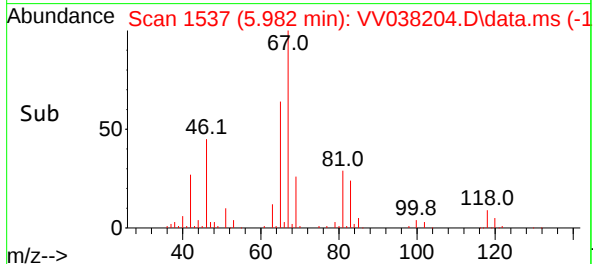
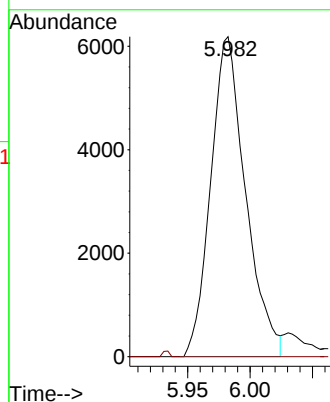
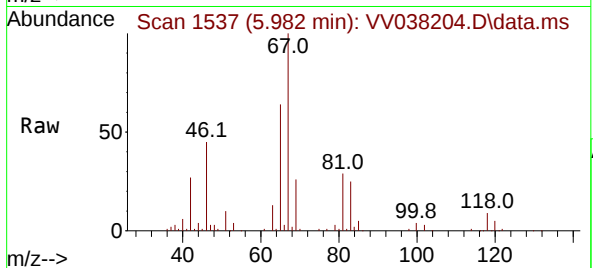
ClientSampleId :

Tgt Ion: 63 Resp: 12032

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#42

Toluene

Concen: 0.192 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.019 min

Lab File: VV038204.D

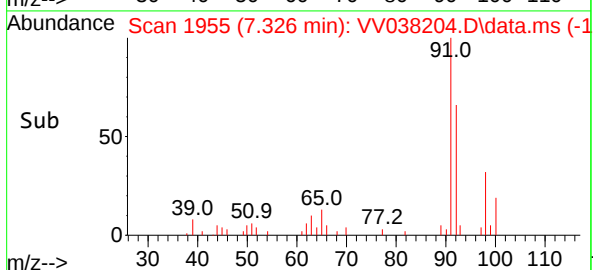
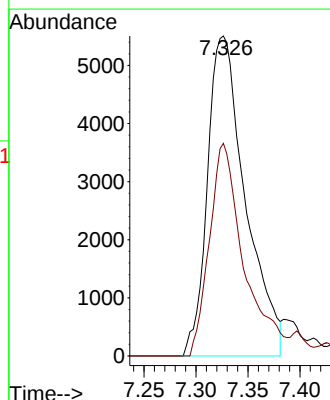
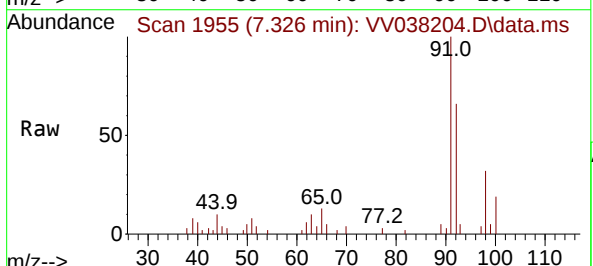
Acq: 20 Nov 2024 10:44

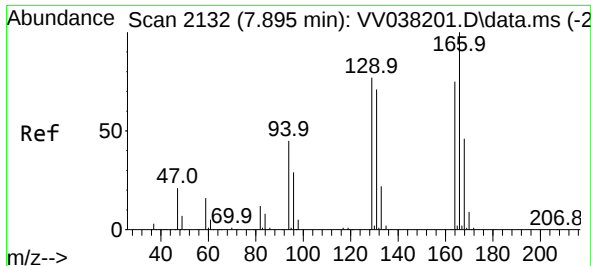
Tgt Ion: 91 Resp: 14005

Ion Ratio Lower Upper

91 100

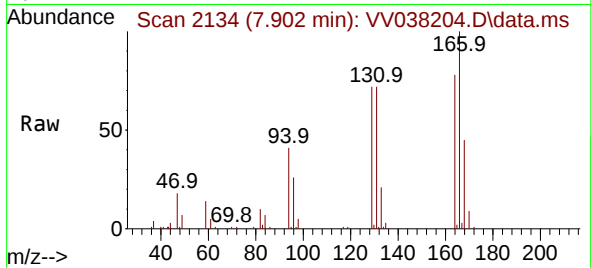
92 66.4 40.8 75.8



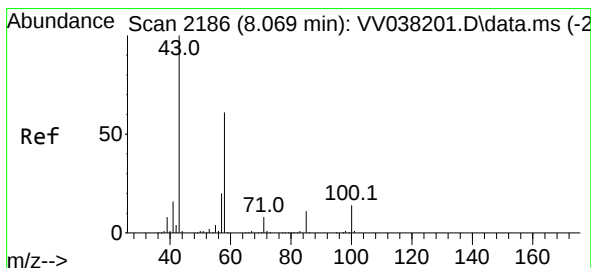
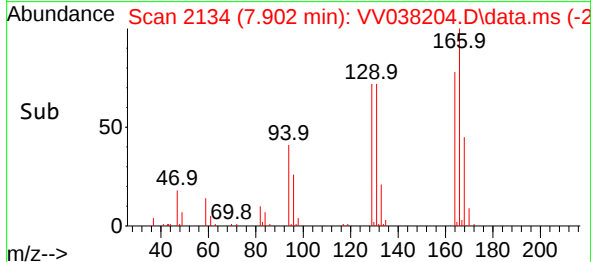
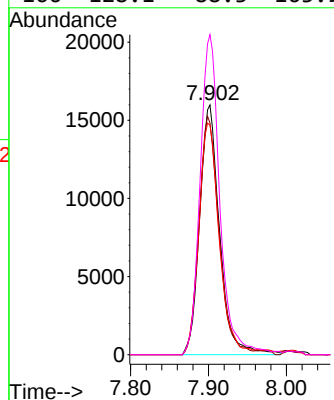


#47
Tetrachloroethene
Concen: 1.879 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Instrument :
MSVOA_V
ClientSampleId :

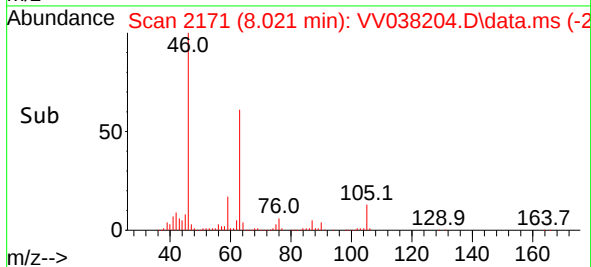
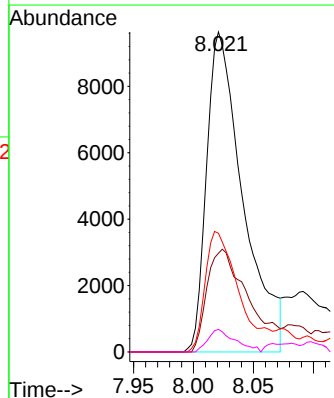
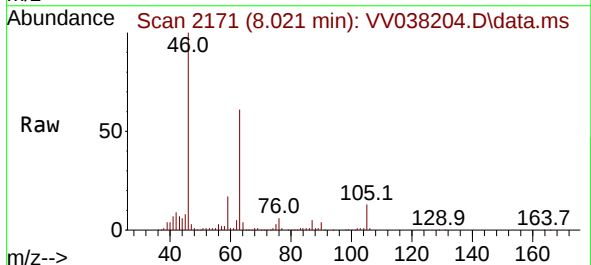


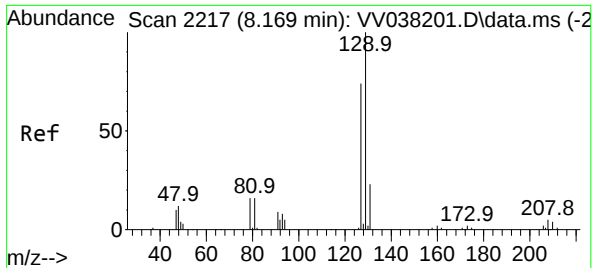
Tgt Ion:164 Resp: 28411
Ion Ratio Lower Upper
164 100
129 92.8 68.5 127.1
131 91.9 64.8 120.4
166 128.1 88.3 163.9



#48
2-Hexanone
Concen: 3.099 ug/L
RT: 8.021 min Scan# 2171
Delta R.T. -0.048 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

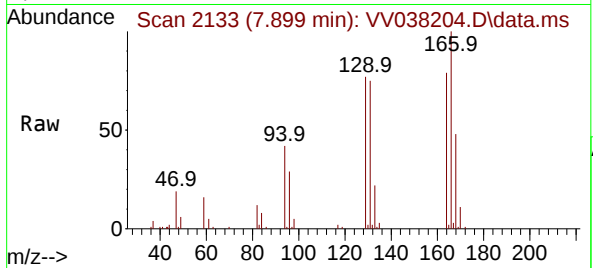
Tgt Ion: 43 Resp: 20336
Ion Ratio Lower Upper
43 100
58 36.6 49.2 73.8#
57 35.3 16.9 25.3#
100 5.3 11.8 17.8#



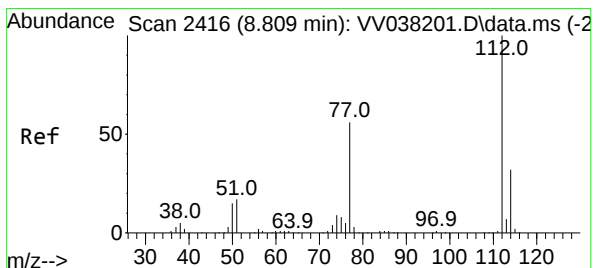
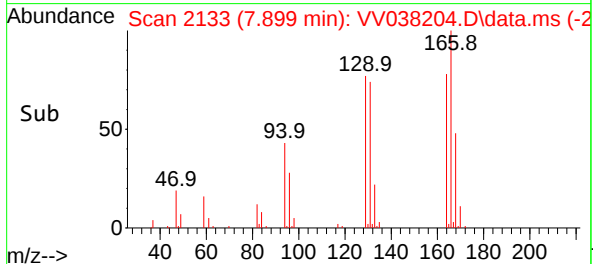
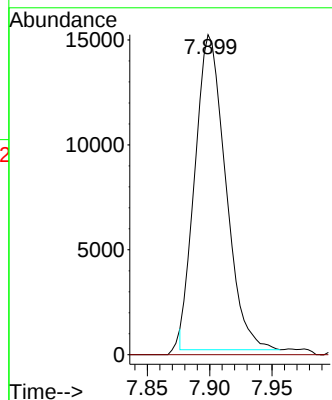


#49
Dibromochloromethane
Concen: 1.676 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.270 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Instrument :
MSVOA_V
ClientSampleId :

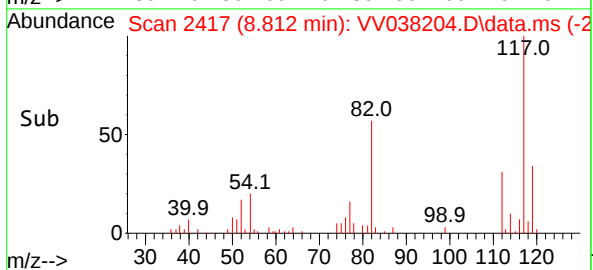
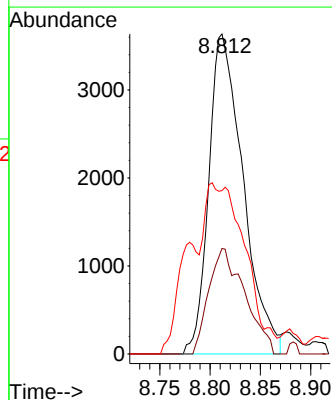
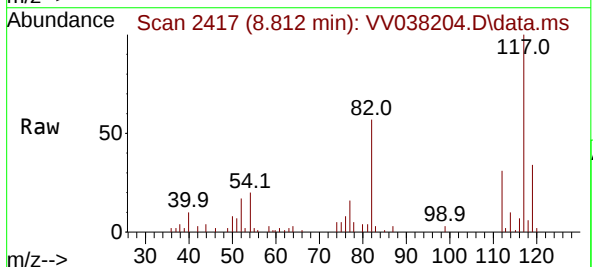


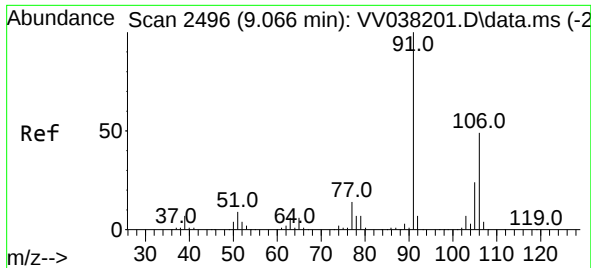
Tgt Ion:129 Resp: 25622
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#51
Chlorobenzene
Concen: 0.171 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Tgt Ion:112 Resp: 8636
Ion Ratio Lower Upper
112 100
114 30.9 22.0 40.8
77 47.9 45.0 67.4

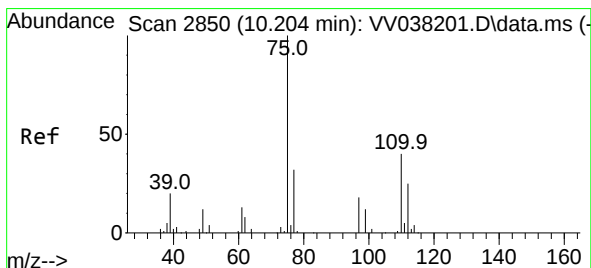
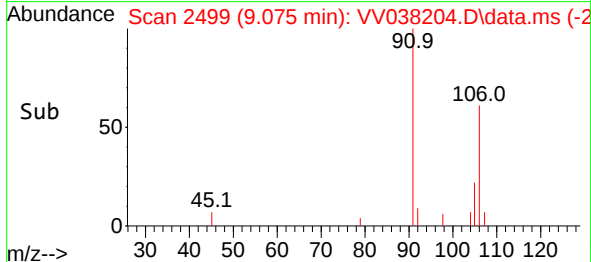
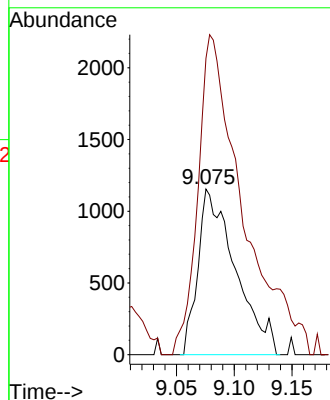
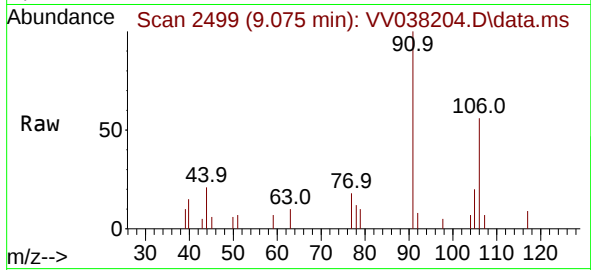




#53
m,p-Xylene
Concen: 0.089 ug/L
RT: 9.075 min Scan# 2496
Delta R.T. 0.010 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 2608
Ion Ratio Lower Upper
106 100
91 179.0 138.7 257.5



#61
1,2,3-Trichloropropane
Concen: 1.372 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.974 min
Lab File: VV038204.D
Acq: 20 Nov 2024 10:44

Tgt Ion: 75 Resp: 11555
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
110 2.2 32.3 48.5#

