

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023816.D
 Acq On : 07 Dec 2021 12:32
 Operator : SY/MD
 Sample : M4879-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 01:14:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135440	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	126891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37784	3.398	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.000%	
7) Chloroethane-d5	1.568	69	32667	3.738	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.800%	
11) 1,1-Dichloroethene-d2	2.108	63	56226	2.869	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.400%#	
20) 2-Butanone-d5	3.899	46	87656	65.580	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	131.160%#	
24) Chloroform-d	4.349	84	83373	4.306	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	5.034	65	42209	4.667	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	5.053	84	161527	4.673	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.069	67	46886	4.838	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.317	98	146396	4.533	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	7.625	79	17958	4.597	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.000%	
46) 2-Hexanone-d5	8.091	63	78188	60.247	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.500%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32461	4.655	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	57551	5.173	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	593	0.053	ug/L #	73
12) 1,1-Dichloroethene	2.108	96	582	0.064	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	3803	0.368	ug/L	91
22) cis-1,2-Dichloroethene	3.915	96	16937	1.709	ug/L	97
34) Trichloroethene	5.918	95	7741	0.799	ug/L	93
35) Methylcyclohexane	6.072	83	12653	0.838	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5402	0.628	ug/L #	84
42) Toluene	7.397	91	3037	0.077	ug/L	99
45) 1,1,2-Trichloroethane	7.972	97	1177	0.198	ug/L #	8
47) Tetrachloroethene	7.976	164	155239	17.600	ug/L	97
48) 2-Hexanone	8.088	43	8694	2.866	ug/L #	67
49) Dibromochloromethane	7.976	129	137454	16.846	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6852	1.535	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.918	105	4954	0.158	ug/L	88
63) 1,2,4-Trimethylbenzene	10.918	105	4954	0.160	ug/L	93
71) Naphthalene	13.519	128	1056	0.067	ug/L #	71

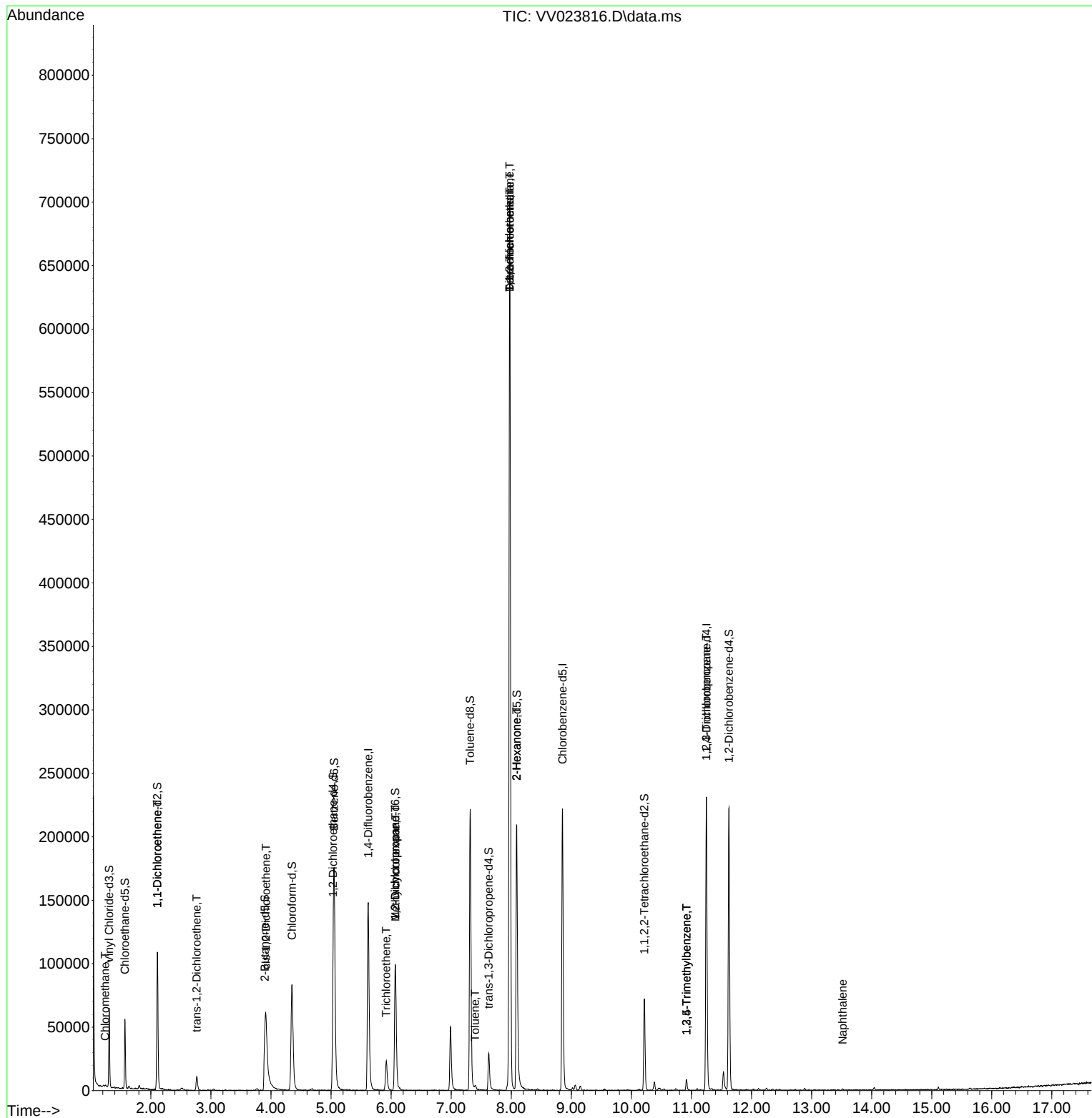
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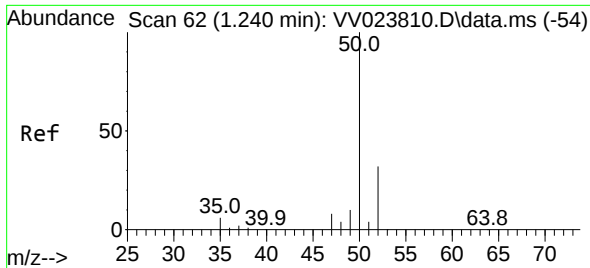
Instrument :
MSVOA_V
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
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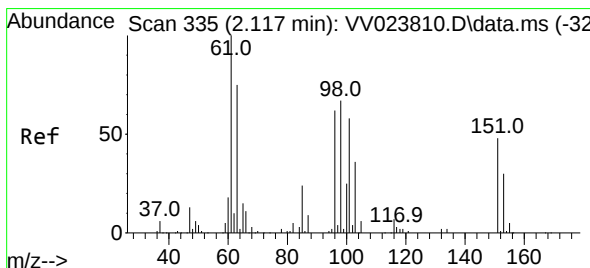
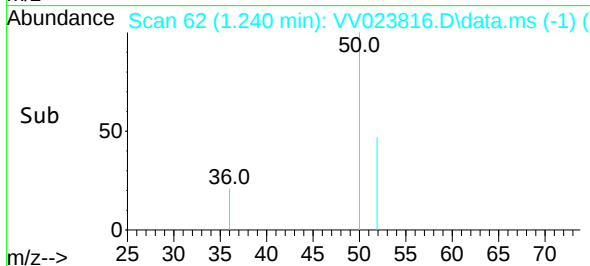
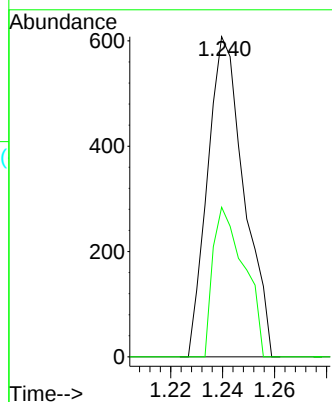
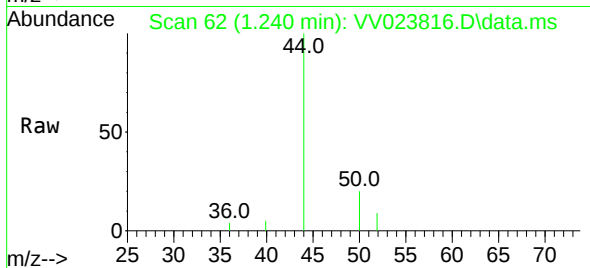




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

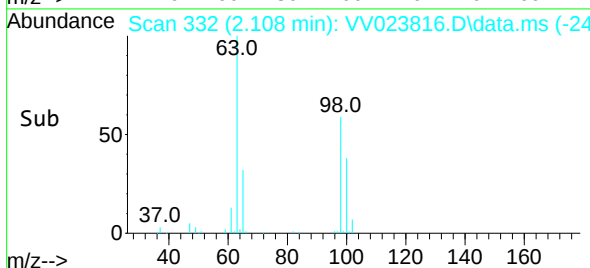
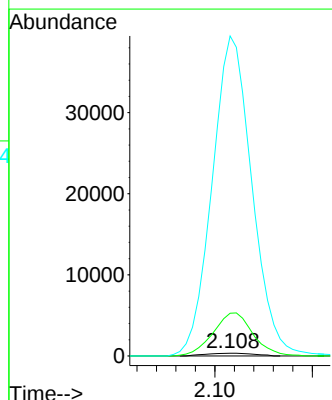
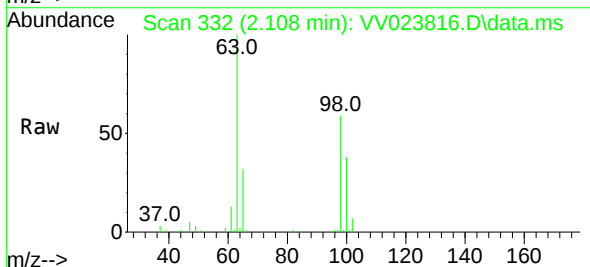
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MSVOA_V
ClientSampleId :

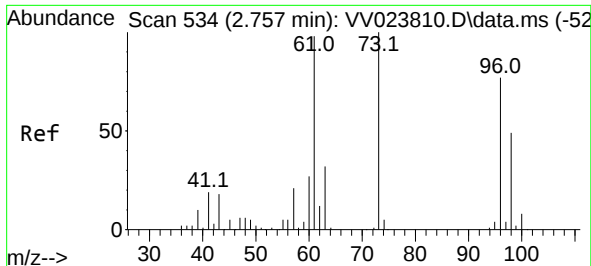
Tgt Ion: 50 Resp: 593
Ion Ratio Lower Upper
50 100
52 46.7 22.0 41.0#



#12
1,1-Dichloroethene
Concen: 0.064 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

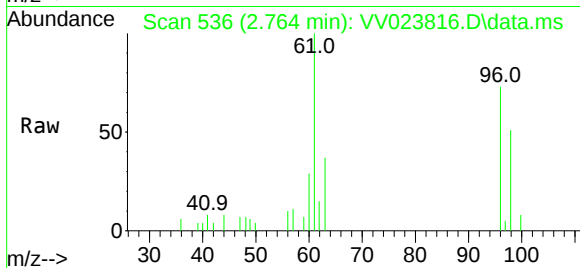
Tgt Ion: 96 Resp: 582
Ion Ratio Lower Upper
96 100
61 1551.9 116.1 215.5#
63 11638.9 79.4 147.4#



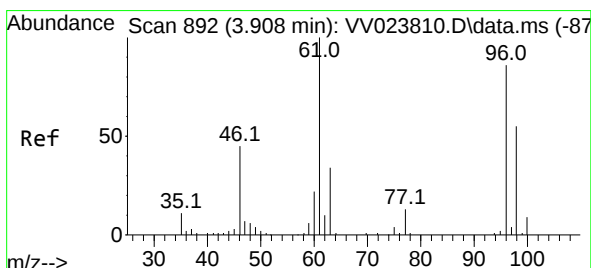
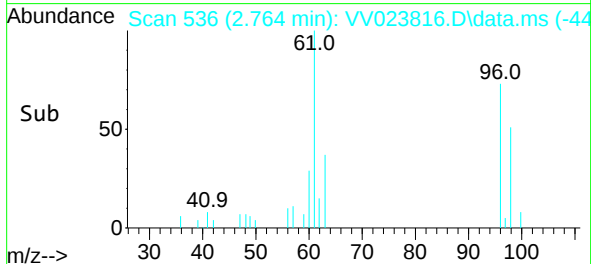
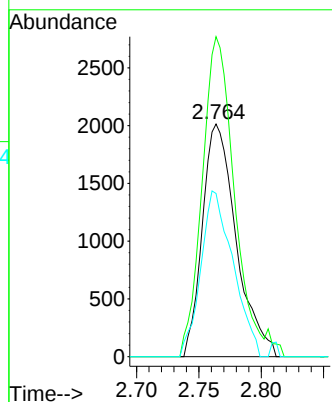


#18
trans-1,2-Dichloroethene
Concen: 0.368 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

Instrument :
MSVOA_V
ClientSampleId :

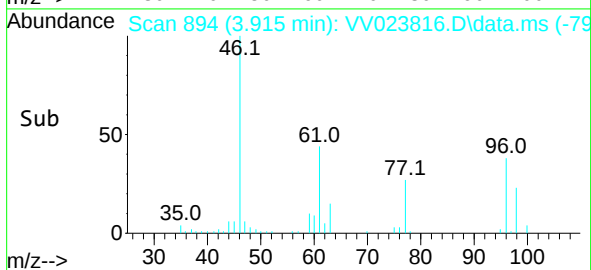
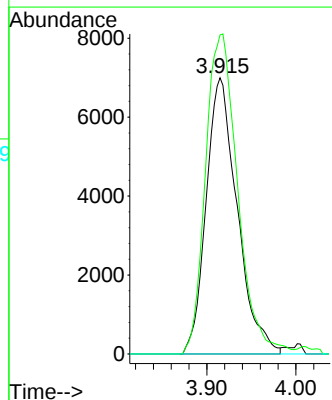
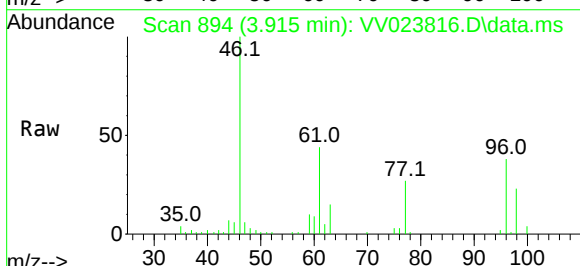


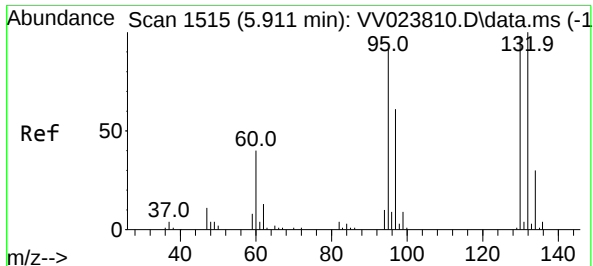
Tgt Ion: 96 Resp: 3803
Ion Ratio Lower Upper
96 100
61 137.5 88.2 163.8
98 70.2 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 1.709 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

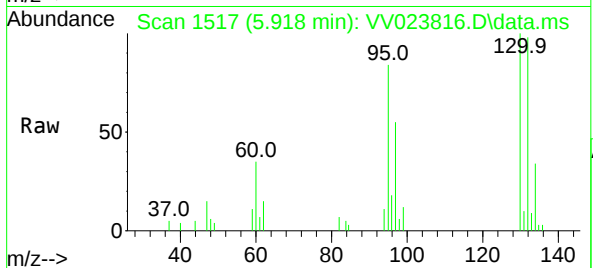
Tgt Ion: 96 Resp: 16937
Ion Ratio Lower Upper
96 100
61 115.5 83.4 154.8
68 0.0 0.0 0.0



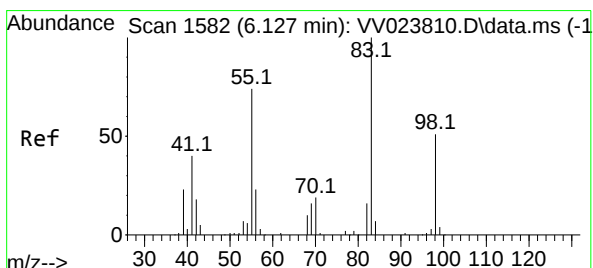
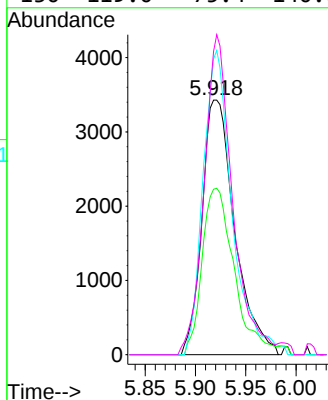
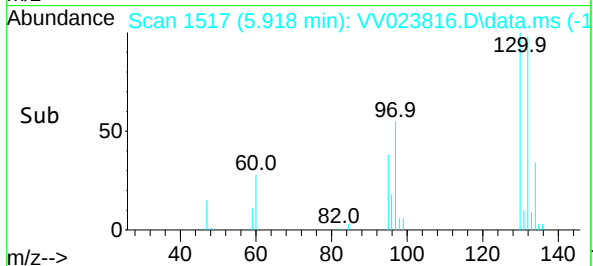


#34
Trichloroethene
Concen: 0.799 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

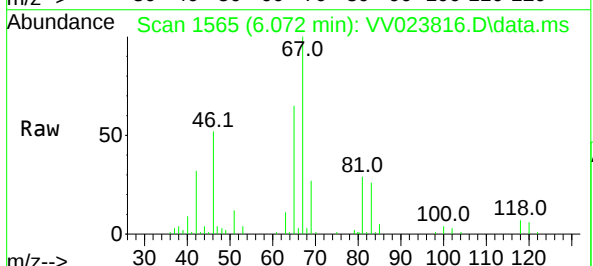
Instrument :
MSVOA_V
ClientSampleId :



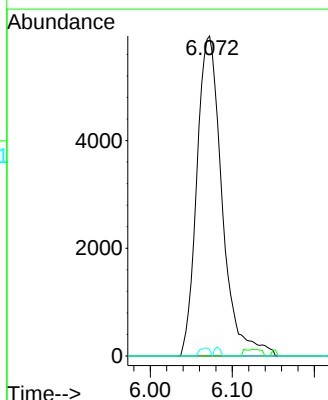
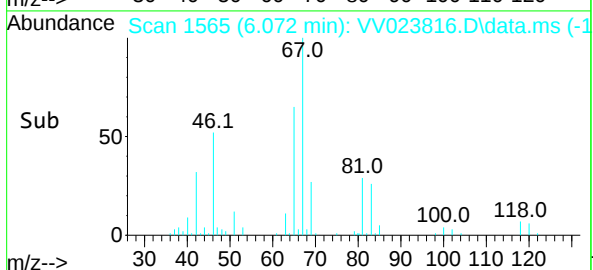
Tgt Ion: 95 Resp: 7741
Ion Ratio Lower Upper
95 100
97 65.0 45.2 84.0
132 116.1 76.1 141.3
130 119.0 75.4 140.0

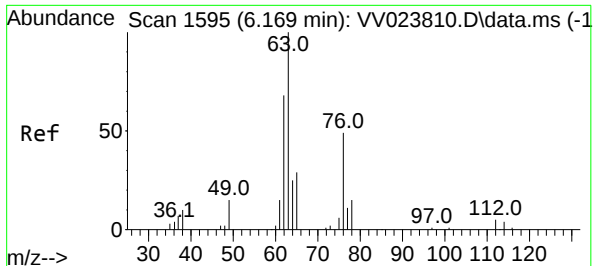


#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32



Tgt Ion: 83 Resp: 12653
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 1.0 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023816.D

Acq: 07 Dec 2021 12:32

Instrument :

MSVOA_V

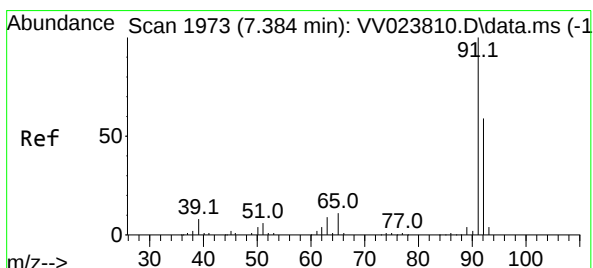
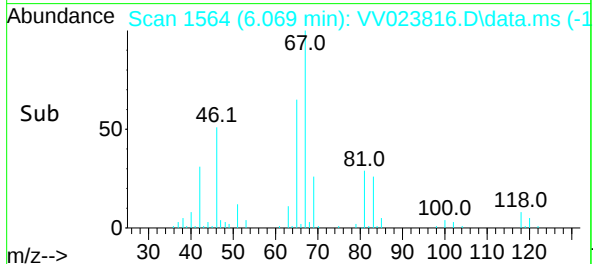
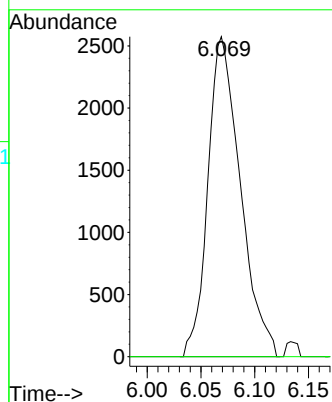
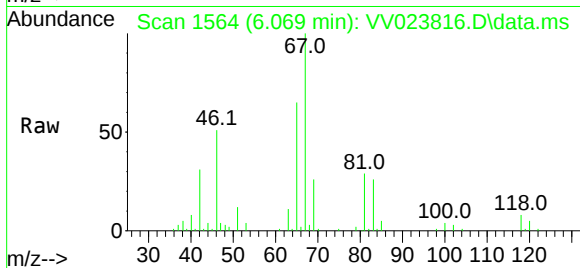
ClientSampleId :

Tgt Ion: 63 Resp: 5402

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 0.077 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV023816.D

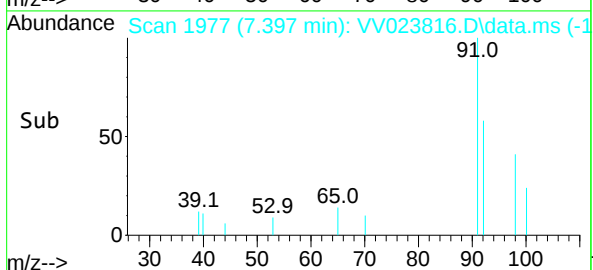
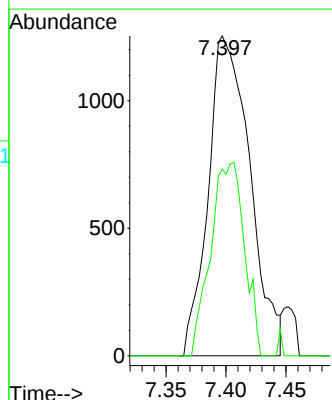
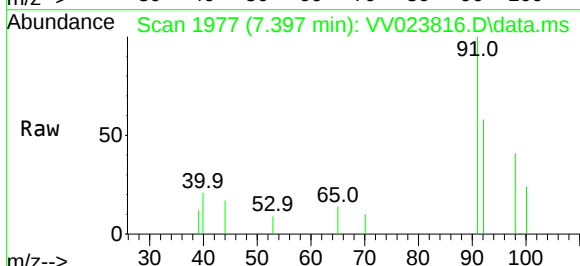
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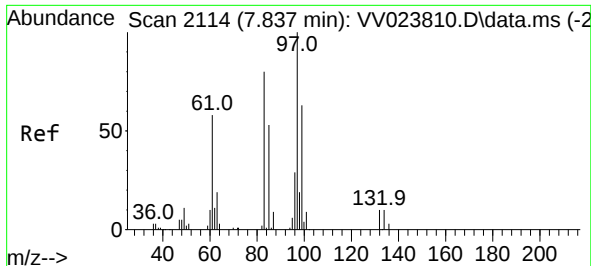
Tgt Ion: 91 Resp: 3037

Ion Ratio Lower Upper

91 100

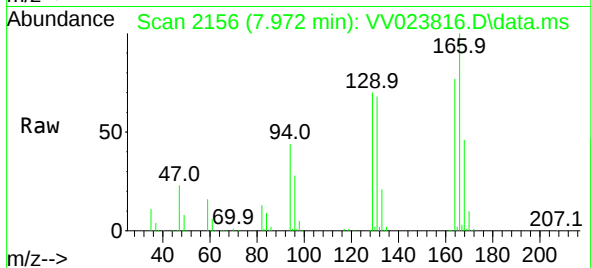
92 58.4 41.5 77.1



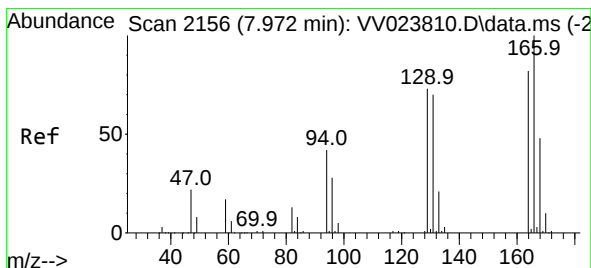
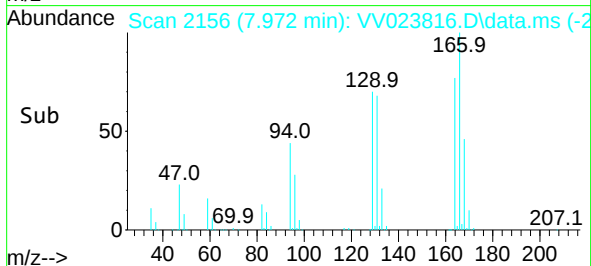
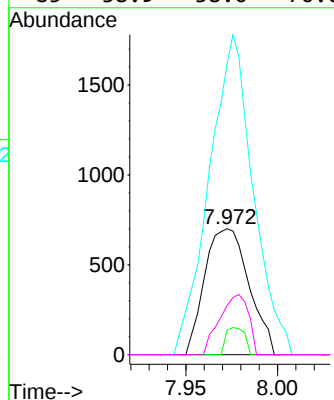


#45
1,1,2-Trichloroethane
Concen: 0.198 ug/L
RT: 7.972 min Scan# 2114
Delta R.T. 0.135 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

Instrument :
MSVOA_V
ClientSampleId :

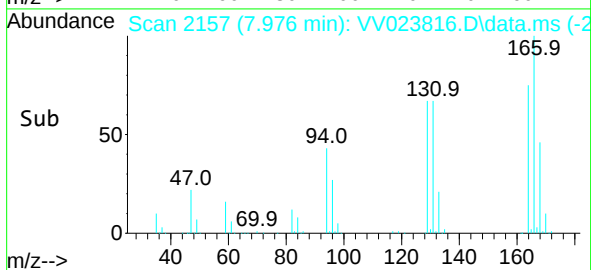
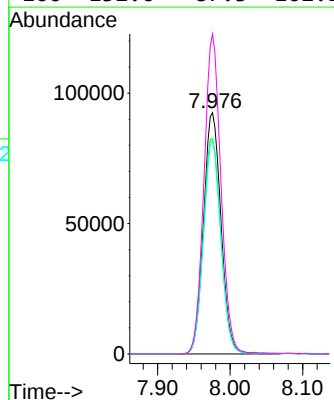
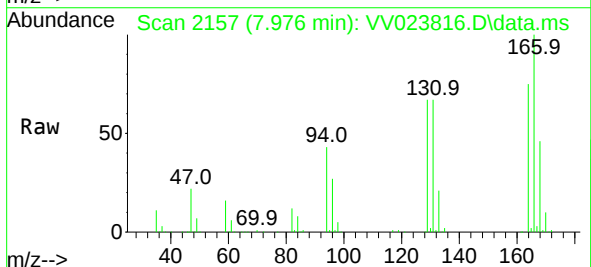


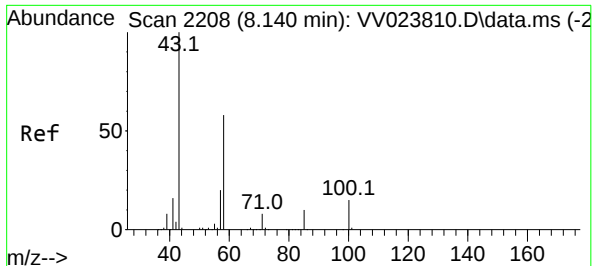
Tgt Ion: 97 Resp: 1177
Ion Ratio Lower Upper
97 100
99 19.4 43.1 80.1#
83 231.0 57.9 107.5#
85 38.9 38.0 70.6



#47
Tetrachloroethene
Concen: 17.600 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

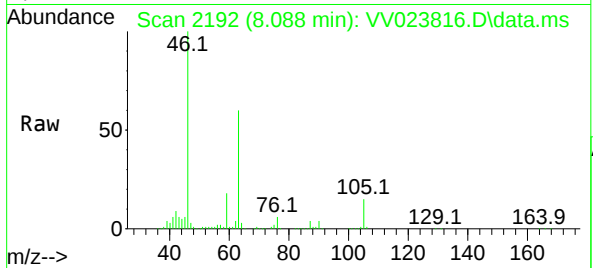
Tgt Ion: 164 Resp: 155239
Ion Ratio Lower Upper
164 100
129 89.3 62.6 116.2
131 88.6 61.0 113.4
166 132.6 87.3 162.1



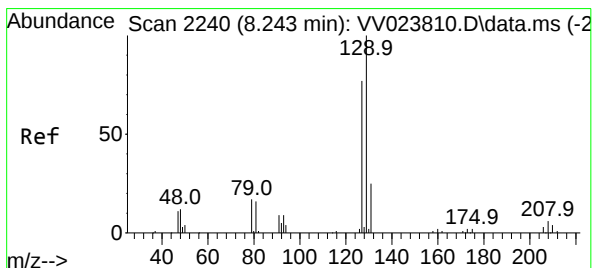
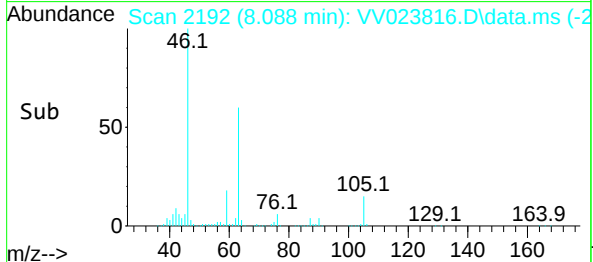
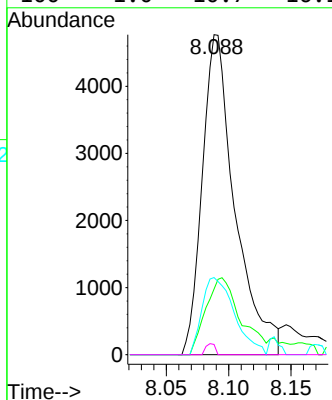


#48
2-Hexanone
Concen: 2.866 ug/L
RT: 8.088 min Scan# 2119
Delta R.T. -0.051 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

Instrument :
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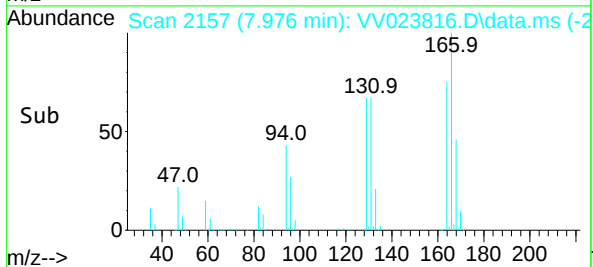
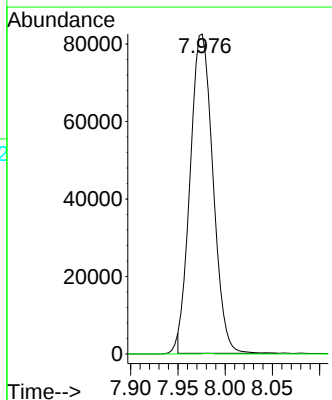
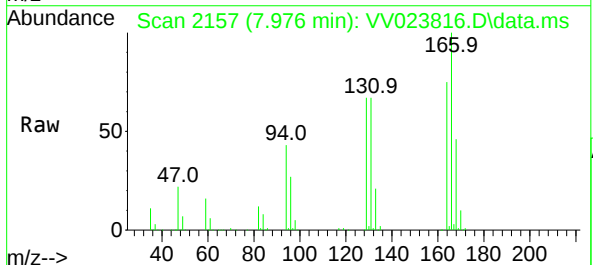


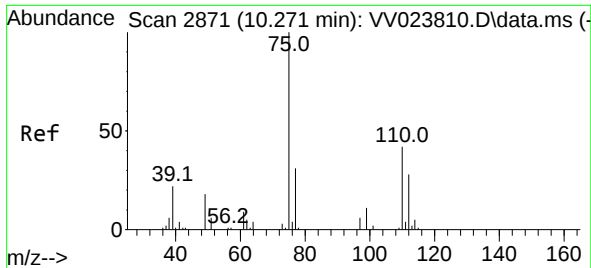
Tgt Ion: 43 Resp: 8694
Ion Ratio Lower Upper
43 100
58 25.6 44.5 66.7#
57 23.9 15.1 22.7#
100 1.0 10.7 16.1#



#49
Dibromochloromethane
Concen: 16.846 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

Tgt Ion: 129 Resp: 137454
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#

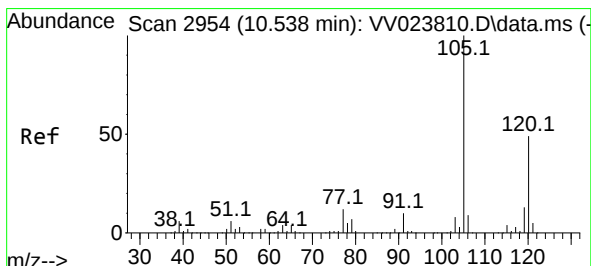
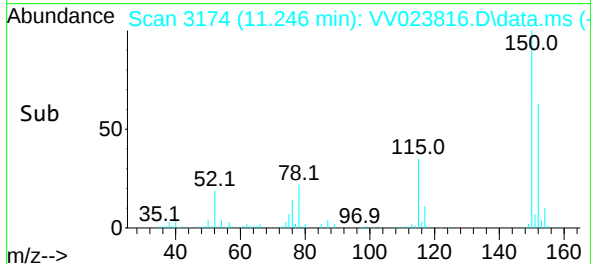
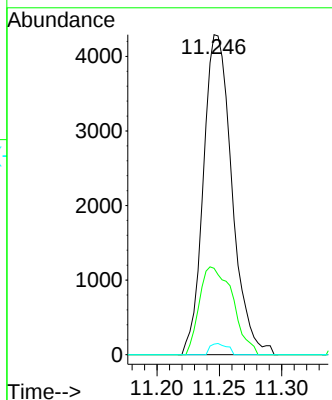
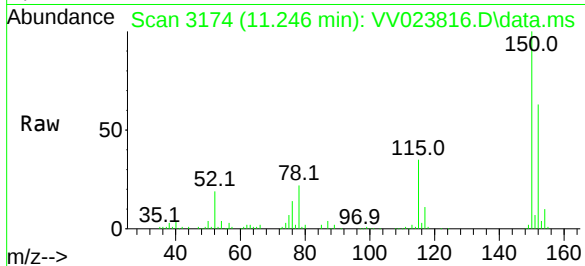




#61
 1,2,3-Trichloropropane
 Concen: 1.535 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV023816.D
 Acq: 07 Dec 2021 12:32

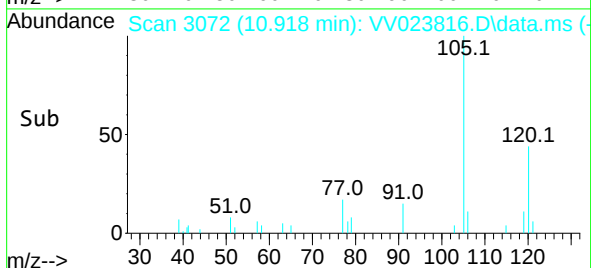
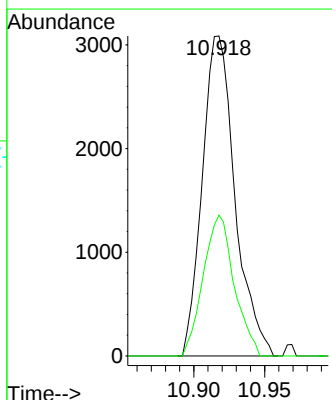
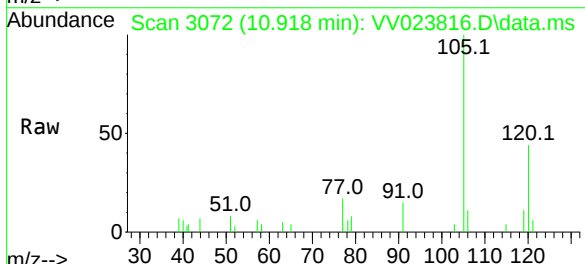
Instrument :
 MSVOA_V
 ClientSampleId :

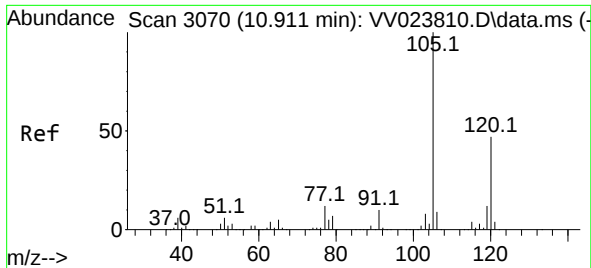
Tgt Ion: 75 Resp: 6852
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.4 39.6
 110 2.1 34.2 51.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.158 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.379 min
 Lab File: VV023816.D
 Acq: 07 Dec 2021 12:32

Tgt Ion: 105 Resp: 4954
 Ion Ratio Lower Upper
 105 100
 120 41.5 40.1 60.1

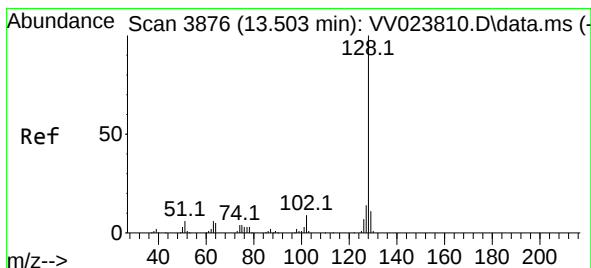
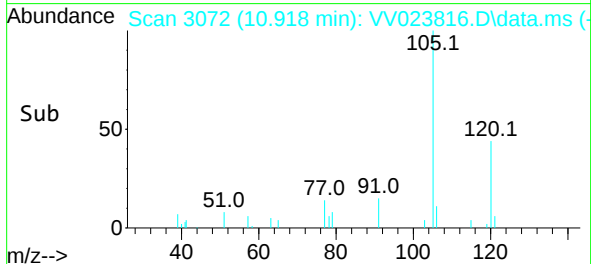
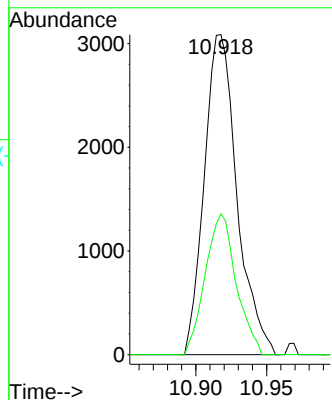
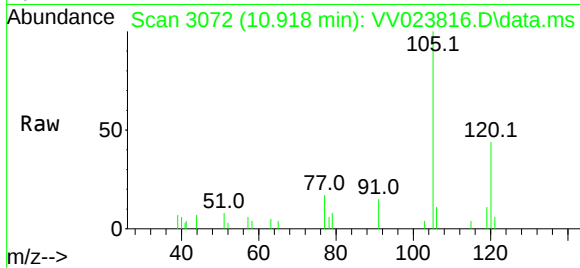




#63
1,2,4-Trimethylbenzene
Concen: 0.160 ug/L
RT: 10.918 min Scan# 3070
Delta R.T. 0.006 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 4954
Ion Ratio Lower Upper
105 100
120 41.5 36.7 55.1



#71
Naphthalene
Concen: 0.067 ug/L
RT: 13.519 min Scan# 3881
Delta R.T. 0.016 min
Lab File: VV023816.D
Acq: 07 Dec 2021 12:32

Tgt Ion:128 Resp: 1056
Ion Ratio Lower Upper
128 100
129 1.9 9.0 13.4#
127 0.0 10.2 15.4#

