

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023805.D
 Acq On : 06 Dec 2021 18:08
 Operator : SY/MD
 Sample : M4979-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 07 05:33:19 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	168799	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	156700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79173	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44207	3.190	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.800%	
7) Chloroethane-d5	1.568	69	38249	3.512	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.200%	
11) 1,1-Dichloroethene-d2	2.108	63	65637	2.688	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	53.800%#	
20) 2-Butanone-d5	3.896	46	111230	66.772	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.540%#	
24) Chloroform-d	4.349	84	104058	4.312	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	5.034	65	48810	4.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
32) Benzene-d6	5.050	84	205741	4.820	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.069	67	60987	5.096	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.317	98	187405	4.699	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
43) trans-1,3-Dichloroprop...	7.625	79	23147	4.799	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.000%	
46) 2-Hexanone-d5	8.088	63	96102	59.964	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.920%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41643	4.836	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	73544	5.254	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1449	0.104	ug/L	92
6) Bromomethane	1.523	94	718	0.087	ug/L	92
8) Chloroethane	1.503	64	6594	0.712	ug/L #	55
13) Acetone	2.188	43	8006	5.341	ug/L	86
34) Trichloroethene	5.928	95	984	0.082	ug/L #	82
35) Methylcyclohexane	6.072	83	15026	0.805	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	6912	0.651	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	1806	0.120	ug/L #	35
42) Toluene	7.397	91	4106	0.085	ug/L	91
47) Tetrachloroethene	7.979	164	10981	1.008	ug/L	98
49) Dibromochloromethane	7.976	129	9520	0.945	ug/L #	11
53) m,p-xylene	9.149	106	1957	0.097	ug/L	95
60) Isopropylbenzene	10.458	105	4181	0.088	ug/L #	86
61) 1,2,3-Trichloropropane	11.249	75	8404	1.497	ug/L #	65
63) 1,2,4-Trimethylbenzene	10.918	105	7088	0.182	ug/L	92
71) Naphthalene	13.509	128	7519	0.382	ug/L	98

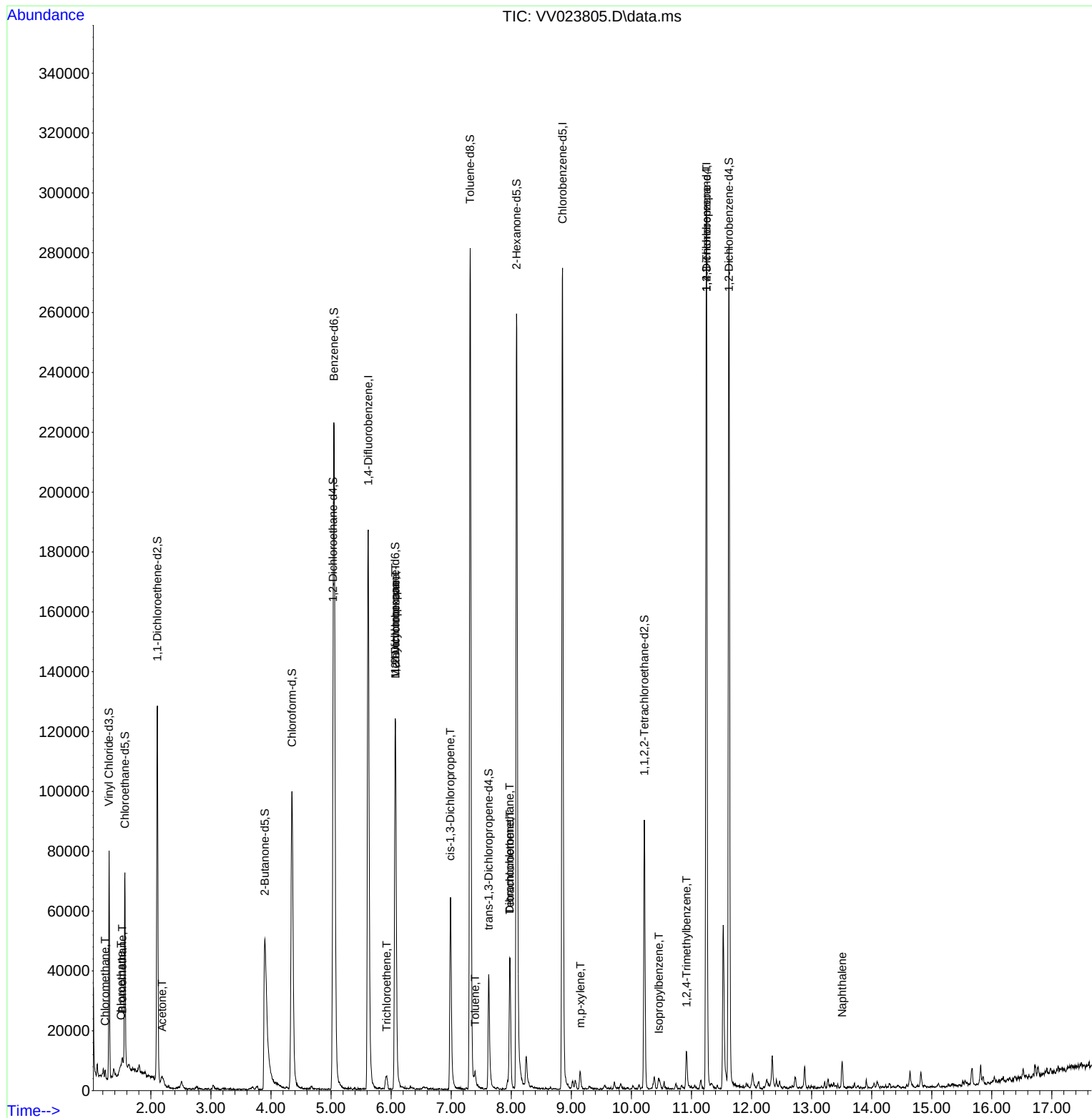
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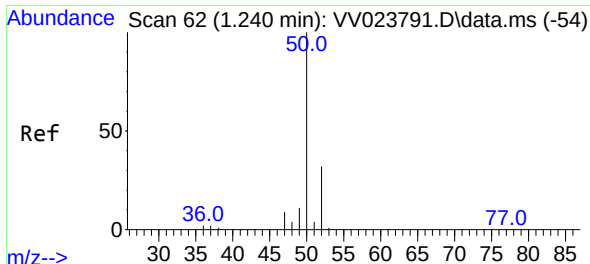
Instrument :
MSVOA_V
ClientSampleId :

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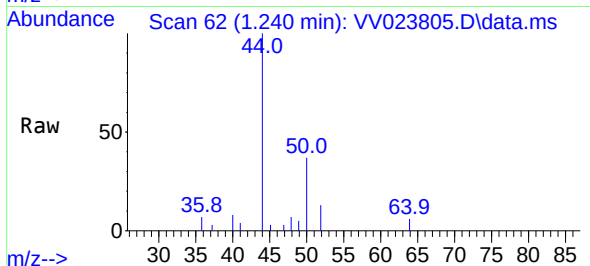
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Quant Title : TRACE VOA SFAM1.0
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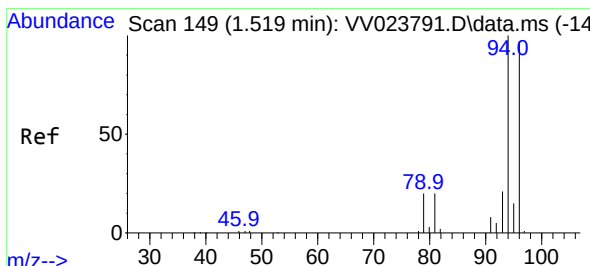
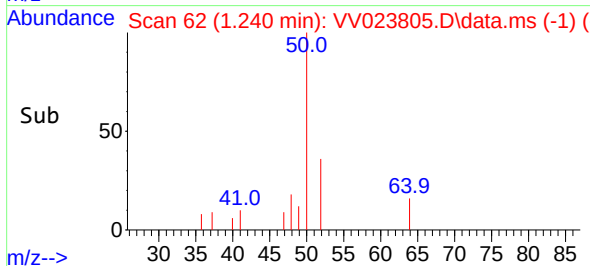
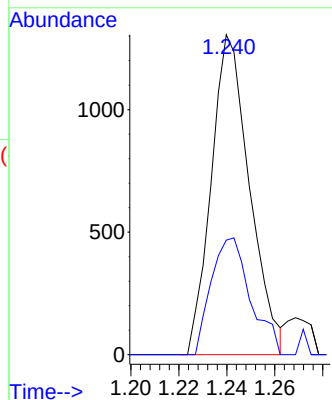


#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV023805.D
Acq: 06 Dec 2021 18:08

Instrument :
MSVOA_V
ClientSampleId :

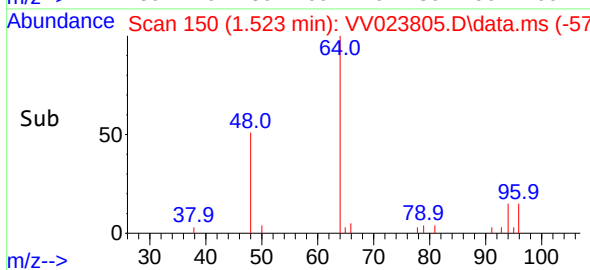
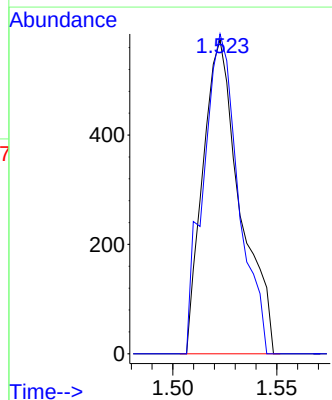
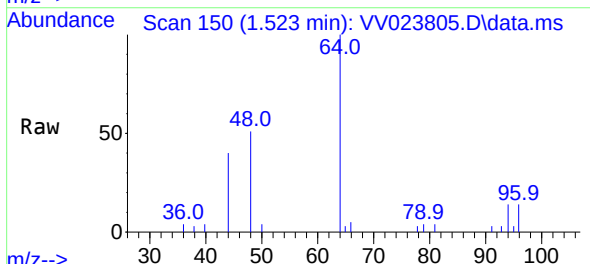


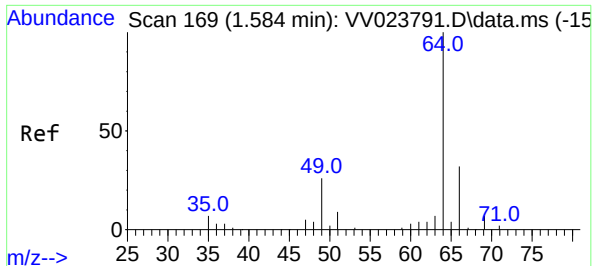
Tgt Ion: 50 Resp: 1449
Ion Ratio Lower Upper
50 100
52 35.8 22.0 41.0



#6
Bromomethane
Concen: 0.087 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV023805.D
Acq: 06 Dec 2021 18:08

Tgt Ion: 94 Resp: 718
Ion Ratio Lower Upper
94 100
96 101.9 66.2 123.0

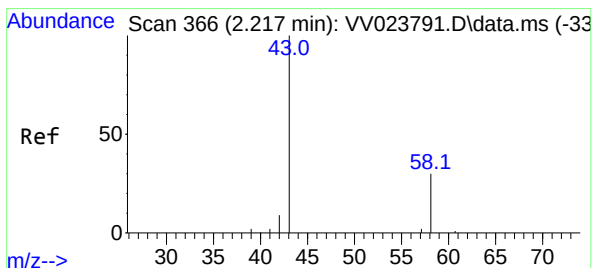
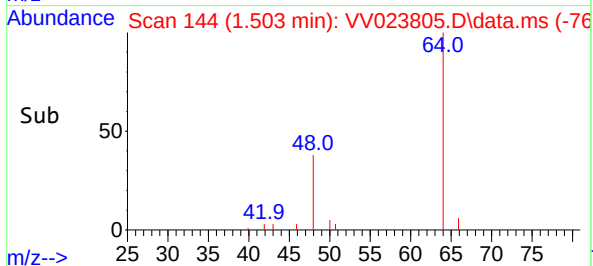
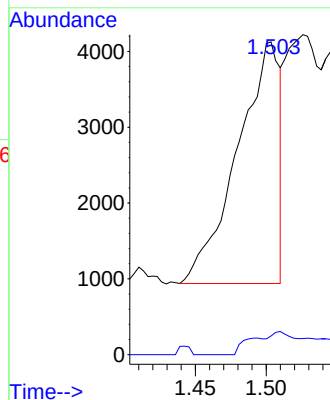
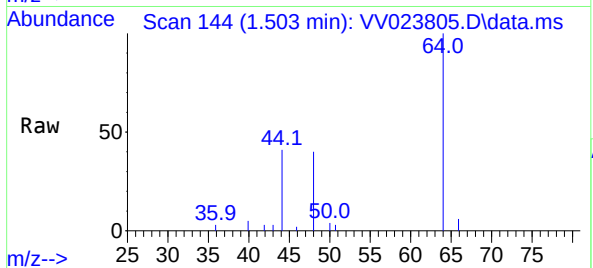




#8
Chloroethane
Concen: 0.712 ug/L
RT: 1.503 min Scan# 144
Delta R.T. -0.080 min
Lab File: VV023805.D
Acq: 06 Dec 2021 18:08

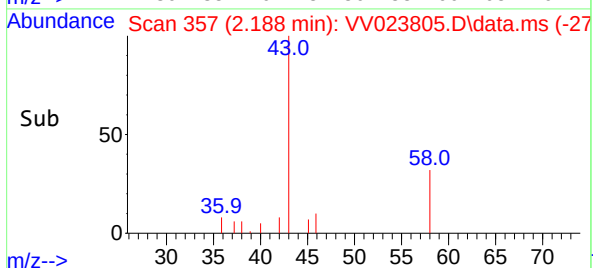
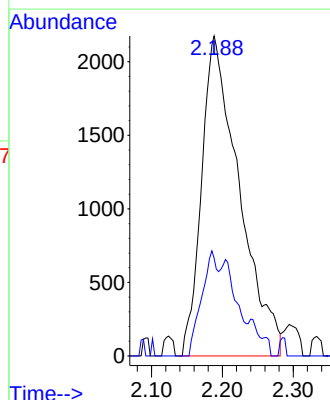
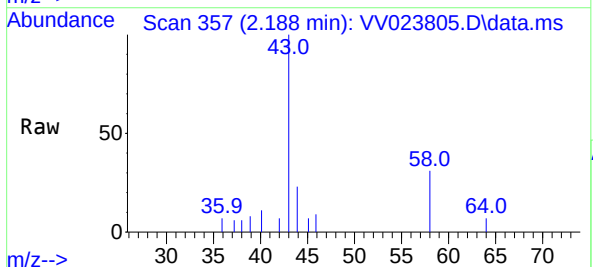
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MSVOA_V
ClientSampleId :

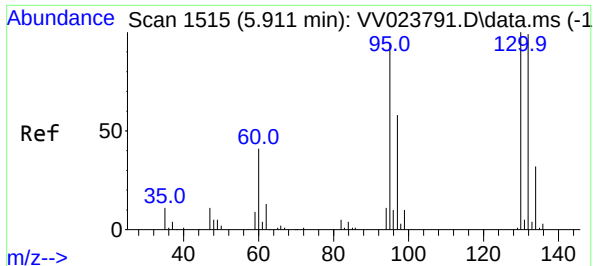
Tgt Ion: 64 Resp: 6594
Ion Ratio Lower Upper
64 100
66 6.0 21.4 39.8#



#13
Acetone
Concen: 5.341 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.035 min
Lab File: VV023805.D
Acq: 06 Dec 2021 18:08

Tgt Ion: 43 Resp: 8006
Ion Ratio Lower Upper
43 100
58 14.2 0.0 41.4





#34

Trichloroethene

Concen: 0.082 ug/L

RT: 5.928 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV023805.D

Acq: 06 Dec 2021 18:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 984

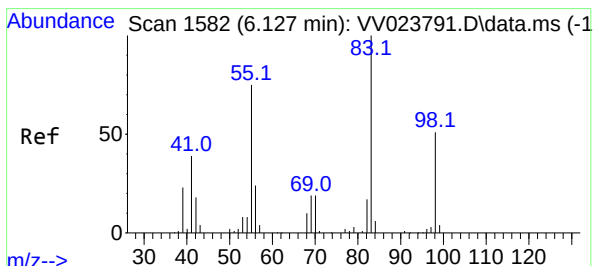
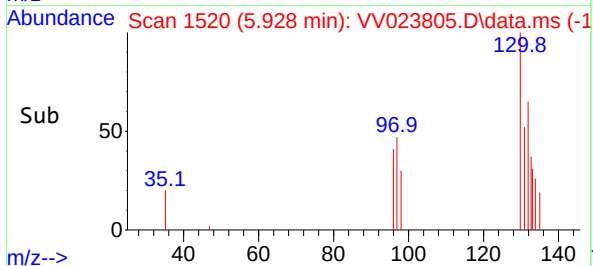
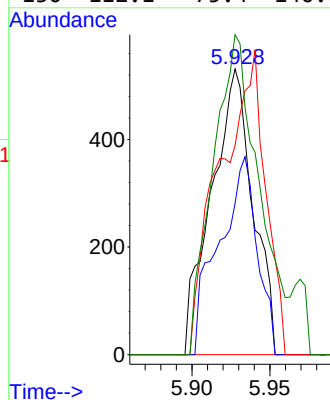
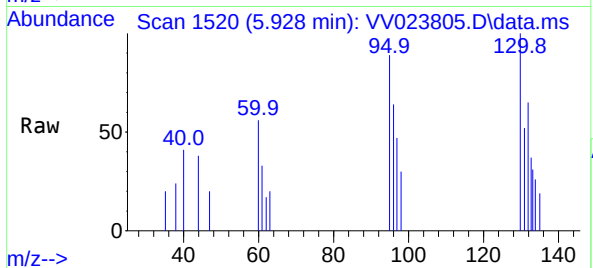
Ion Ratio Lower Upper

95 100

97 52.9 45.2 84.0

132 73.3 76.1 141.3#

130 112.1 75.4 140.0



#35

Methylcyclohexane

Concen: 0.805 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023805.D

Acq: 06 Dec 2021 18:08

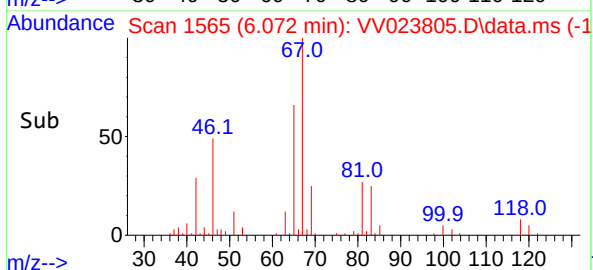
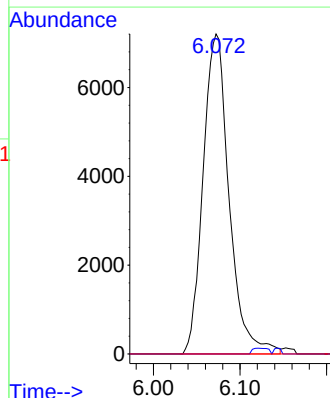
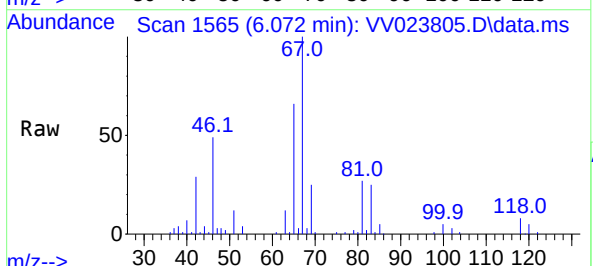
Tgt Ion: 83 Resp: 15026

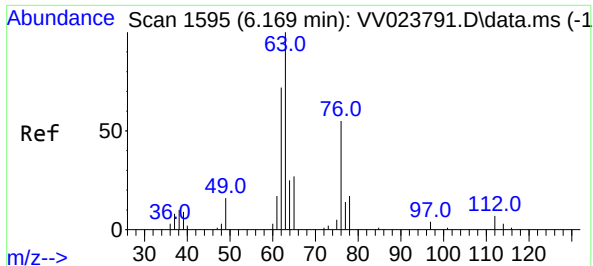
Ion Ratio Lower Upper

83 100

55 1.1 60.2 90.2#

98 0.0 41.0 61.4#

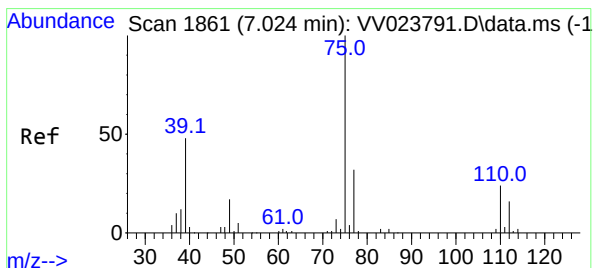
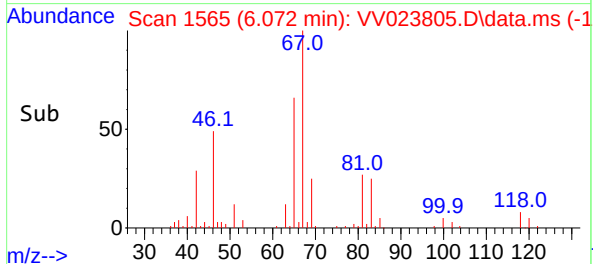
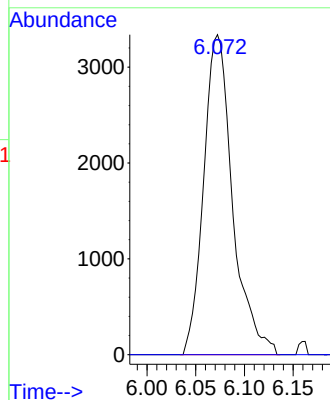
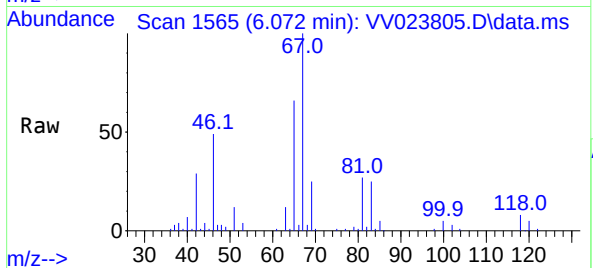




#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.096 min
Lab File: VV023805.D
Acq: 06 Dec 2021 18:08

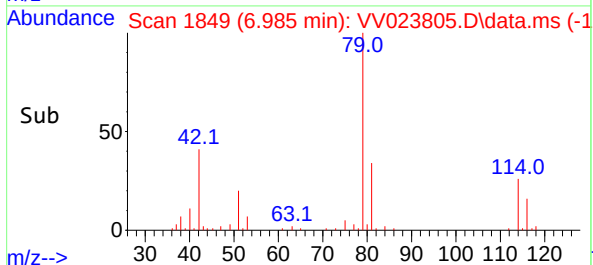
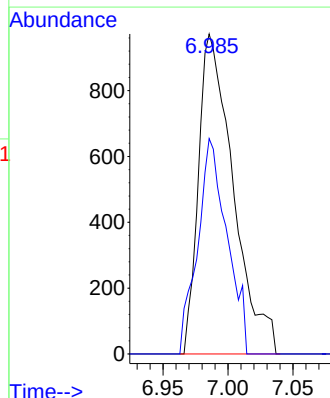
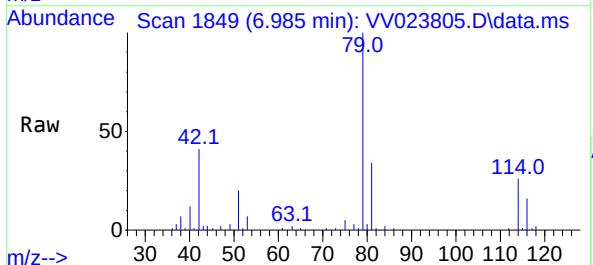
Instrument :
MSVOA_V
ClientSampleId :

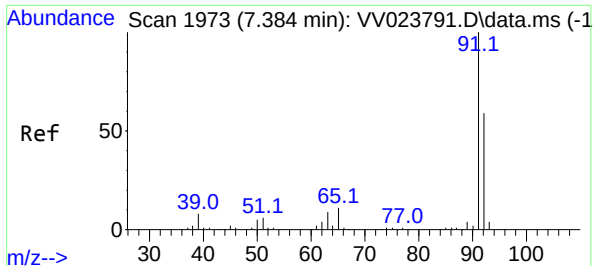
Tgt Ion: 63 Resp: 6912
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#39
cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.038 min
Lab File: VV023805.D
Acq: 06 Dec 2021 18:08

Tgt Ion: 75 Resp: 1806
Ion Ratio Lower Upper
75 100
77 67.3 22.0 41.0#

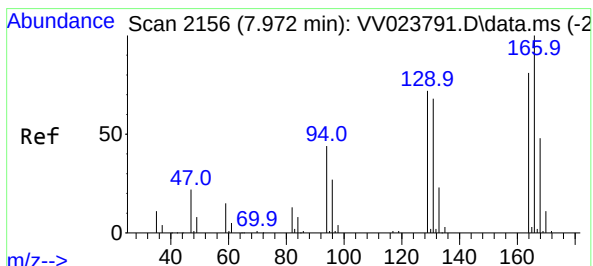
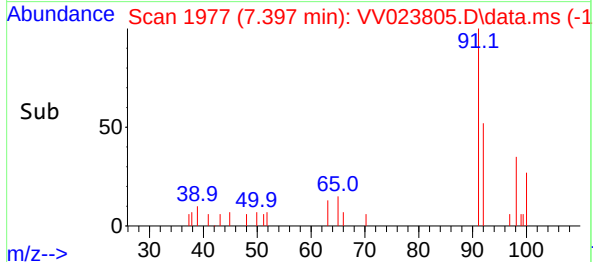
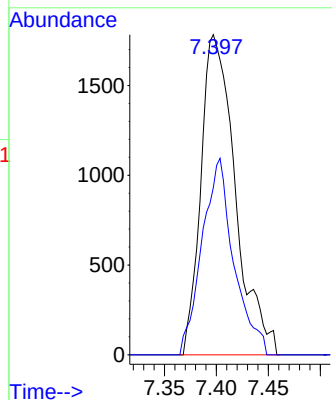
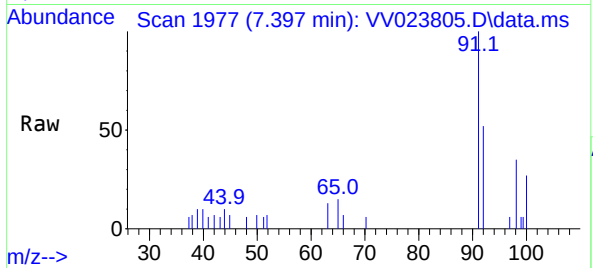




#42
Toluene
Concen: 0.085 ug/L
RT: 7.397 min Scan# 1973
Delta R.T. 0.013 min
Lab File: VV023805.D
Acq: 06 Dec 2021 18:08

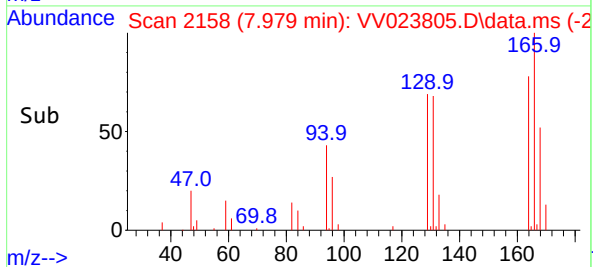
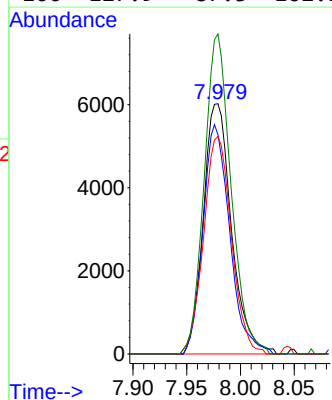
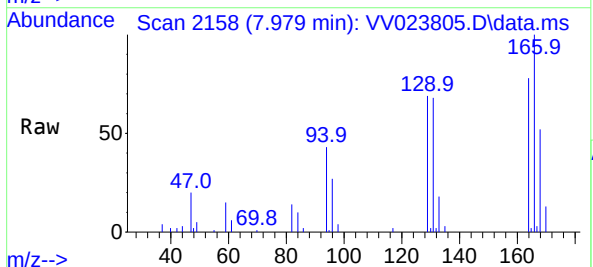
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MSVOA_V
ClientSampleId :

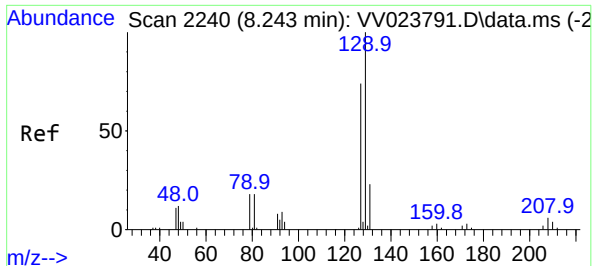
Tgt Ion: 91 Resp: 4106
Ion Ratio Lower Upper
91 100
92 52.2 41.5 77.1



#47
Tetrachloroethene
Concen: 1.008 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV023805.D
Acq: 06 Dec 2021 18:08

Tgt Ion: 164 Resp: 10981
Ion Ratio Lower Upper
164 100
129 87.6 62.6 116.2
131 86.9 61.0 113.4
166 127.9 87.3 162.1





#49

Dibromochloromethane

Concen: 0.945 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV023805.D

Acq: 06 Dec 2021 18:08

Instrument :

MSVOA_V

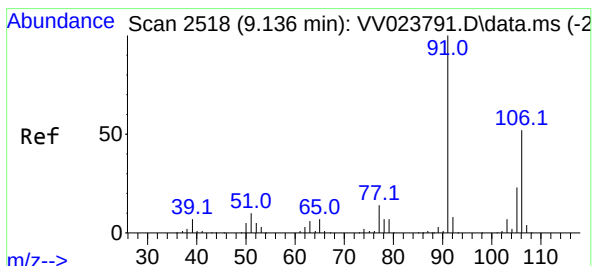
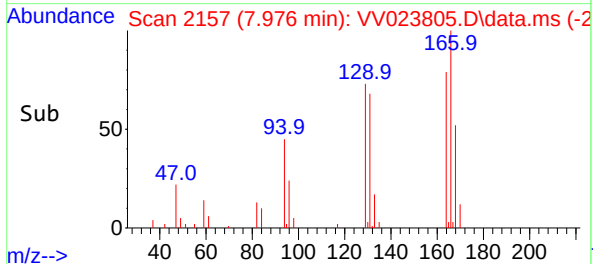
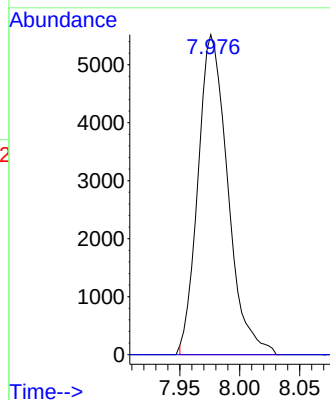
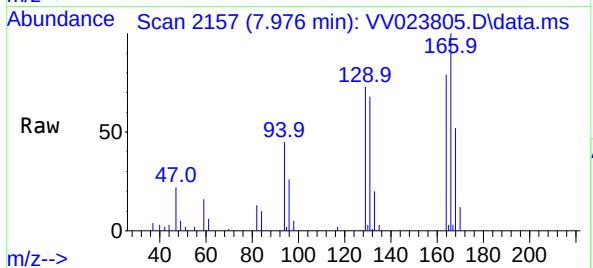
ClientSampleId :

Tgt Ion:129 Resp: 9520

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#53

m,p-xylene

Concen: 0.097 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.013 min

Lab File: VV023805.D

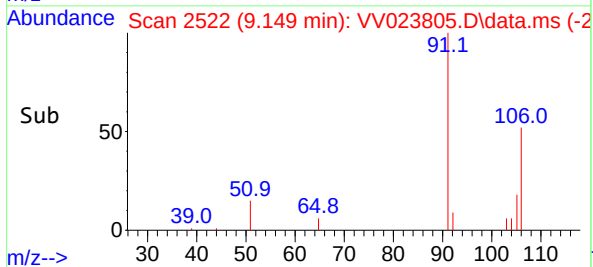
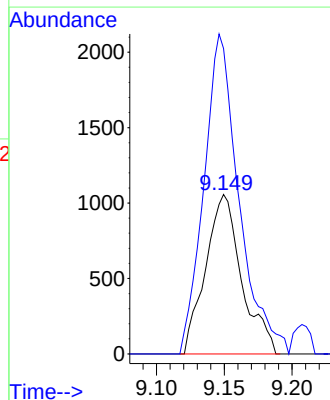
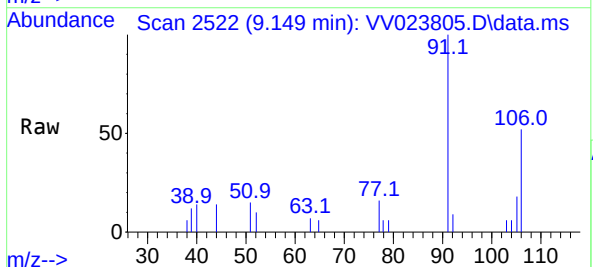
Acq: 06 Dec 2021 18:08

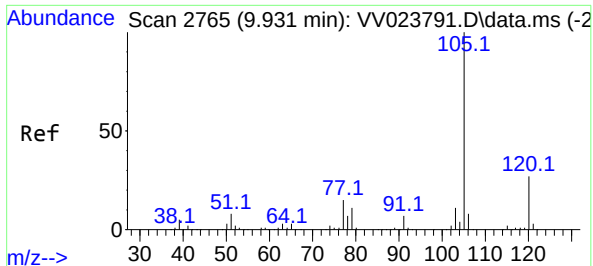
Tgt Ion:106 Resp: 1957

Ion Ratio Lower Upper

106 100

91 191.5 139.5 259.1





#60

Isopropylbenzene

Concen: 0.088 ug/L

RT: 10.458 min Scan# 2929

Delta R.T. 0.527 min

Lab File: VV023805.D

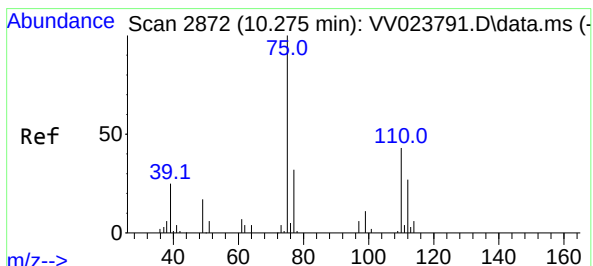
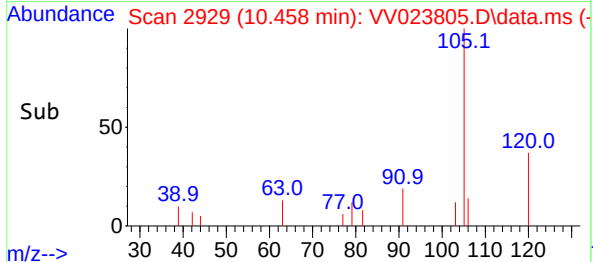
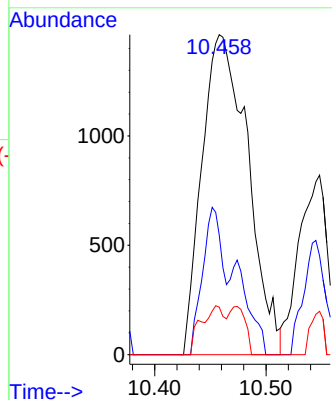
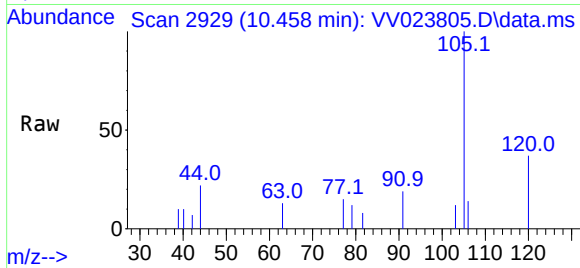
Acq: 06 Dec 2021 18:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	4181
Ion Ratio	Lower	Upper	
105	100		
120	20.2	21.4	32.0#
77	8.0	12.2	18.4#



#61

1,2,3-Trichloropropane

Concen: 1.497 ug/L

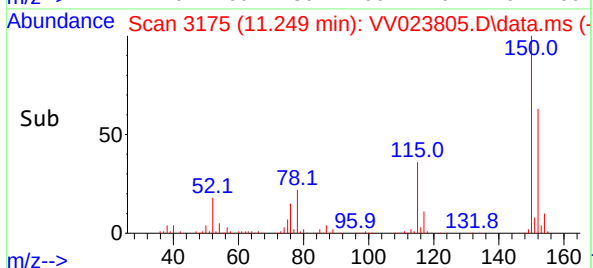
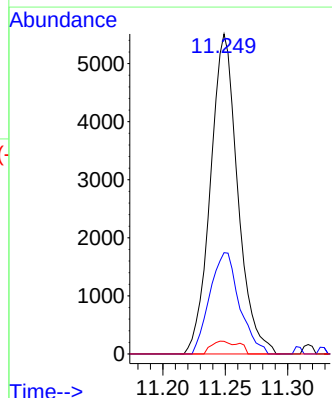
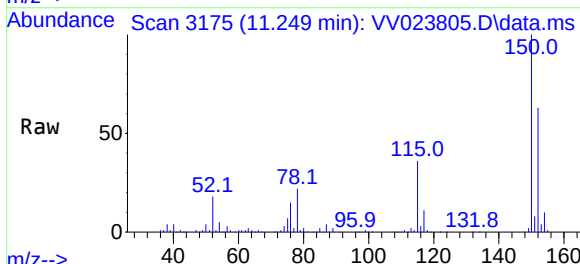
RT: 11.249 min Scan# 3175

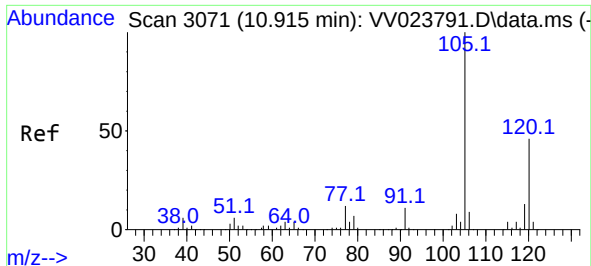
Delta R.T. 0.978 min

Lab File: VV023805.D

Acq: 06 Dec 2021 18:08

Tgt Ion:	75	Resp:	8404
Ion Ratio	Lower	Upper	
75	100		
77	34.4	26.4	39.6
110	4.0	34.2	51.2#

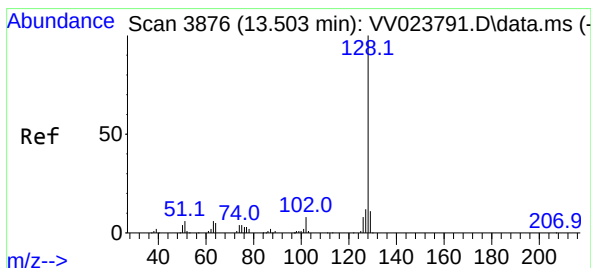
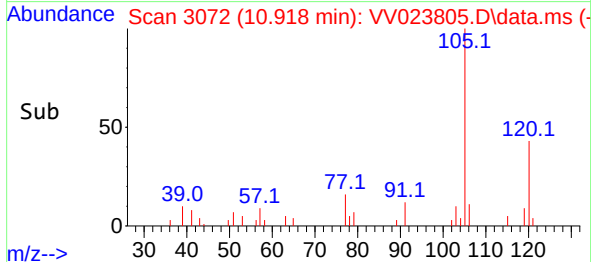
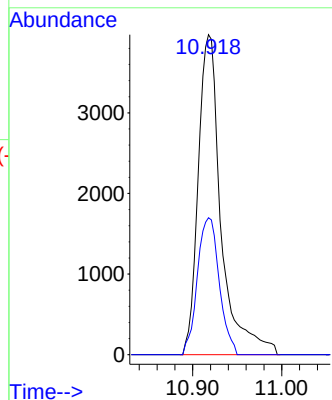
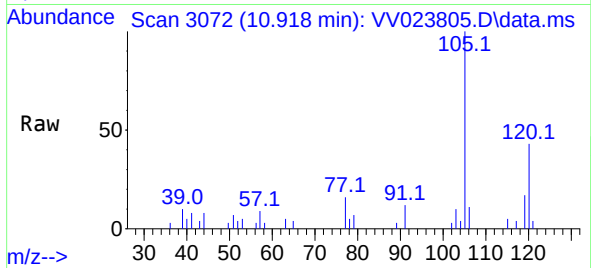




#63
1,2,4-Trimethylbenzene
Concen: 0.182 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.007 min
Lab File: VV023805.D
Acq: 06 Dec 2021 18:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 7088
Ion Ratio Lower Upper
105 100
120 40.8 36.7 55.1



#71
Naphthalene
Concen: 0.382 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV023805.D
Acq: 06 Dec 2021 18:08

Tgt Ion:128 Resp: 7519
Ion Ratio Lower Upper
128 100
129 9.9 9.0 13.4
127 12.2 10.2 15.4

