

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024018.D
 Acq On : 16 Dec 2021 17:14
 Operator : SY/MD
 Sample : M5090-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:01:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	94611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	98417	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23101	4.542	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.568	69	19691	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.108	63	35557	3.581	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.896	46	51145	51.470	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.940%
24) Chloroform-d	4.349	84	51024	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.034	65	25703	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.050	84	95532	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.069	67	28018	4.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.317	98	86776	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.625	79	10031	4.111	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.088	63	39458	36.127	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	19021	3.899	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	34726	5.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	542	0.077	ug/L #	78
5) Vinyl chloride	1.310	62	309	0.040	ug/L #	1
13) Acetone	2.185	43	10899	13.710	ug/L	71
15) Methyl Acetate	2.185	43	10266	5.328	ug/L #	50
17) Methyl tert-butyl Ether	2.773	73	1081	0.075	ug/L #	83
22) cis-1,2-Dichloroethene	3.931	96	520	0.070	ug/L	85
33) Benzene	5.101	78	9867	0.354	ug/L	100
35) Methylcyclohexane	6.069	83	7526	0.651	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	3355	0.507	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	925	0.094	ug/L #	52
42) Toluene	7.394	91	10413	0.332	ug/L	98
48) 2-Hexanone	8.149	43	2675	1.161	ug/L #	85
54) o-xylene	9.548	106	1116	0.088	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	5354	1.525	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.918	105	3318	0.133	ug/L	86
68) 1,2-Dibromo-3-chloropr...	12.249	75	65	0.085	ug/L #	1
71) Naphthalene	13.509	128	1837	0.128	ug/L #	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121621\
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Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 17 02:01:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration

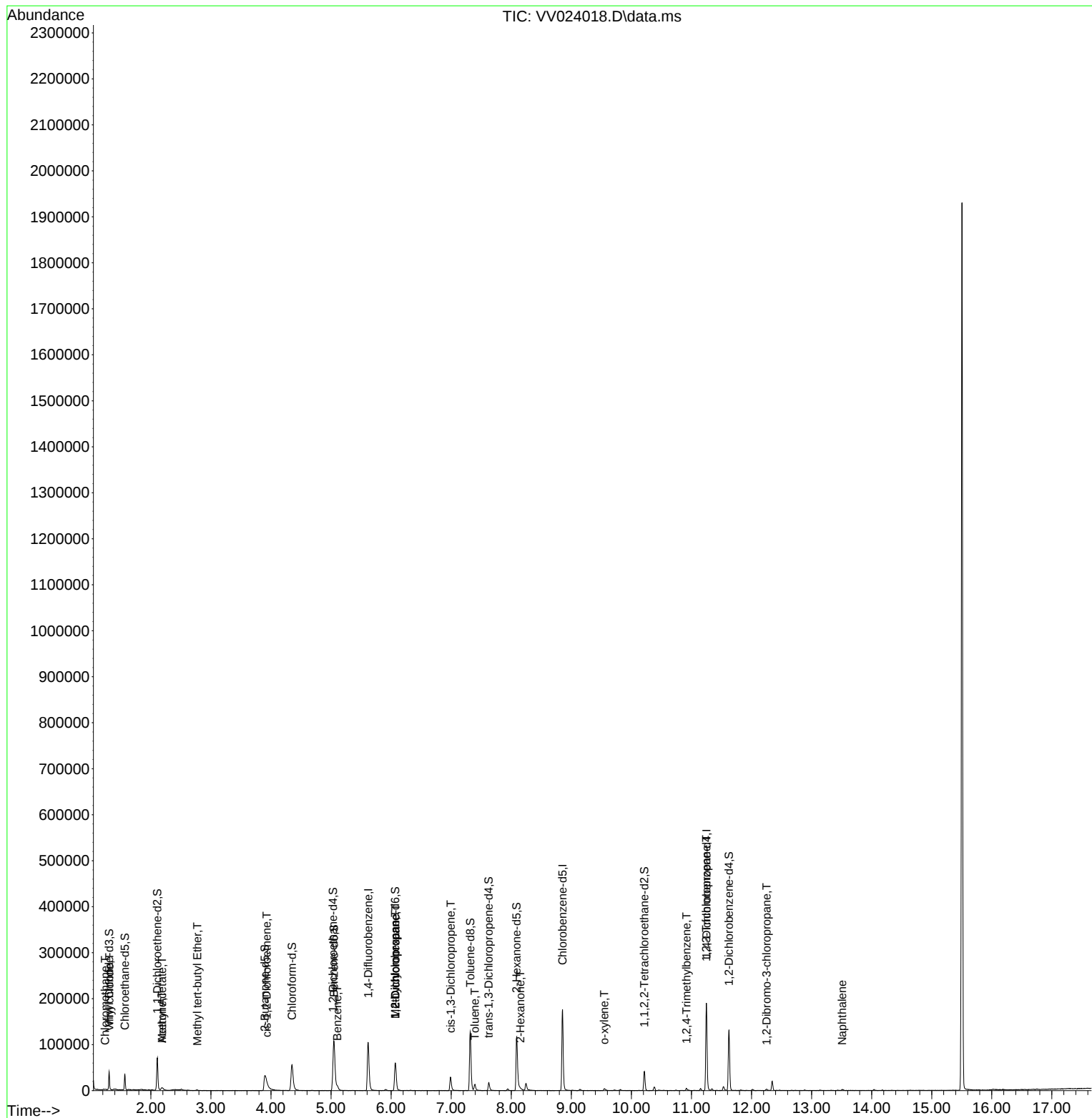
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

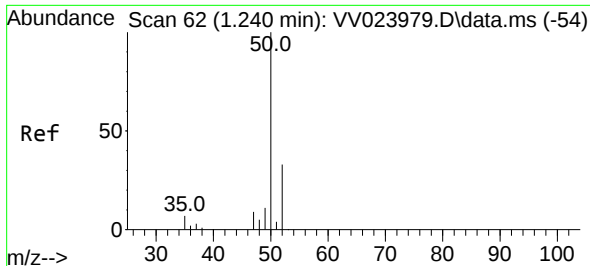
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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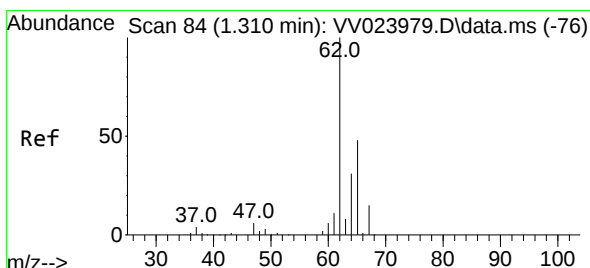
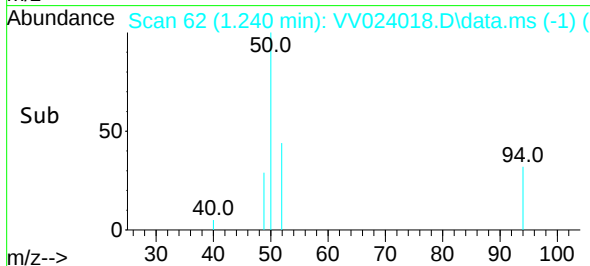
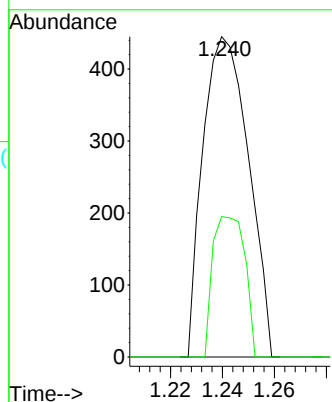
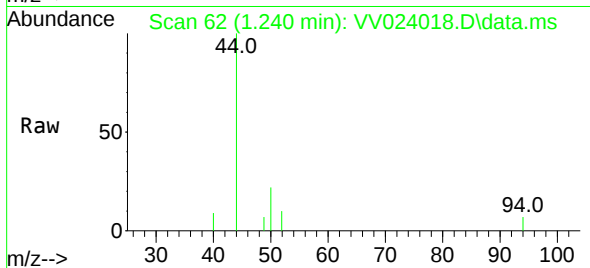




#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

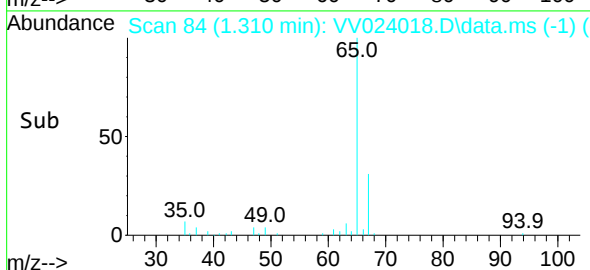
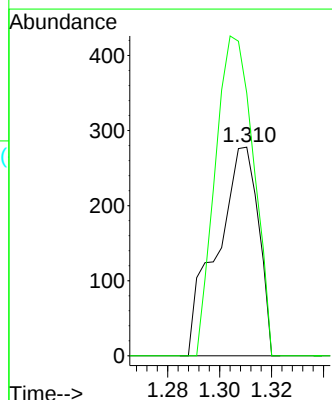
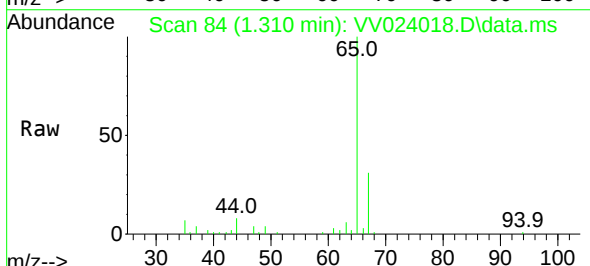
Instrument :
MSVOA_V
ClientSampleId :

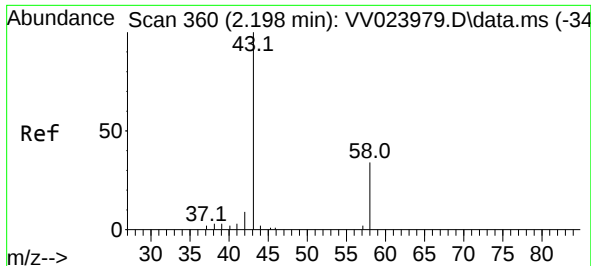
Tgt Ion: 50 Resp: 542
Ion Ratio Lower Upper
50 100
52 43.8 22.0 41.0#



#5
Vinyl chloride
Concen: 0.040 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

Tgt Ion: 62 Resp: 309
Ion Ratio Lower Upper
62 100
64 125.9 22.4 41.6#





#13

Acetone

Concen: 13.710 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.013 min

Lab File: VV024018.D

Acq: 16 Dec 2021 17:14

Instrument :

MSVOA_V

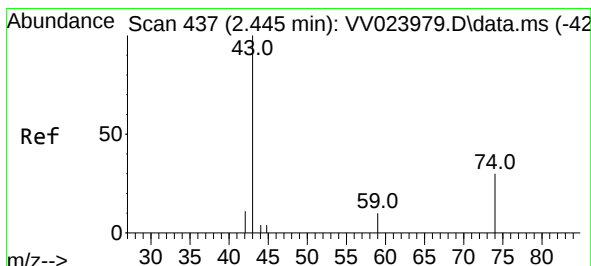
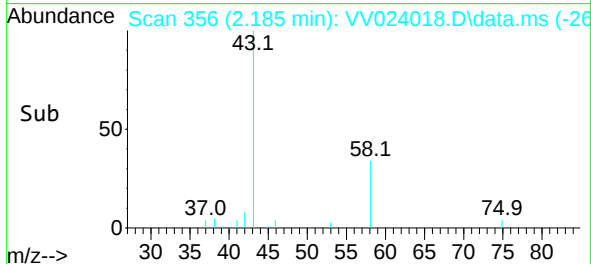
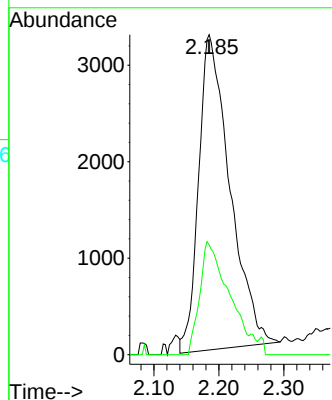
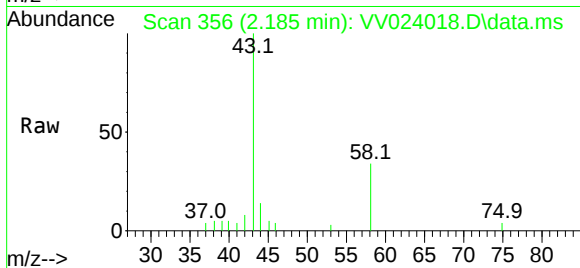
ClientSampleId :

Tgt Ion: 43 Resp: 10899

Ion Ratio Lower Upper

43 100

58 34.1 0.0 41.4



#15

Methyl Acetate

Concen: 5.328 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.260 min

Lab File: VV024018.D

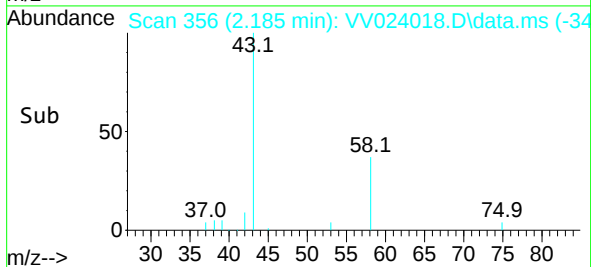
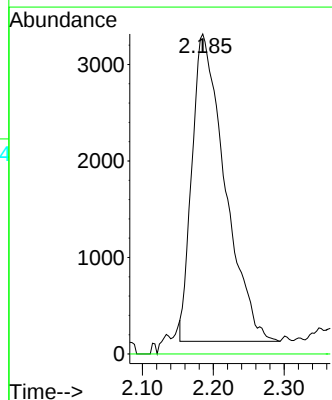
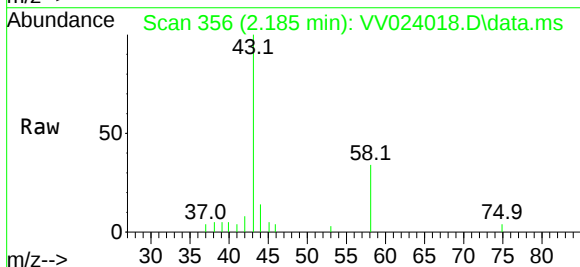
Acq: 16 Dec 2021 17:14

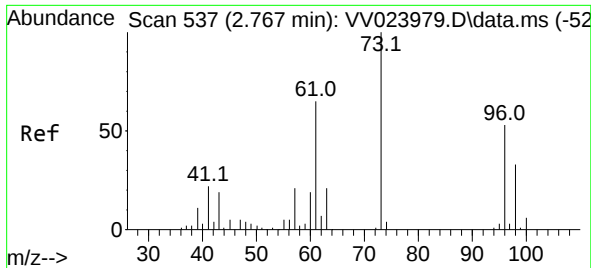
Tgt Ion: 43 Resp: 10266

Ion Ratio Lower Upper

43 100

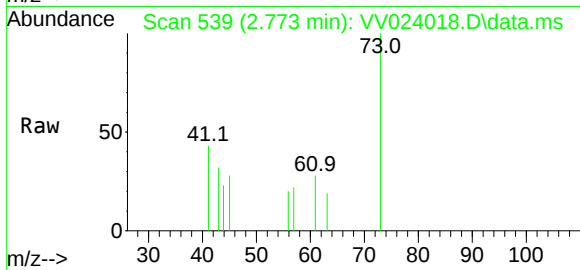
74 0.0 20.2 30.2#



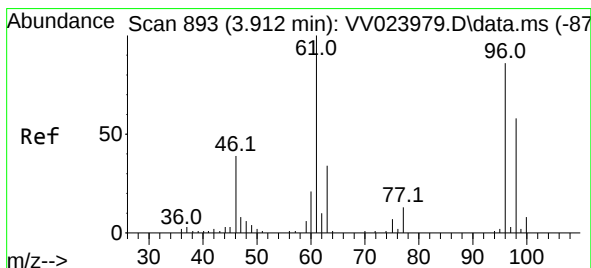
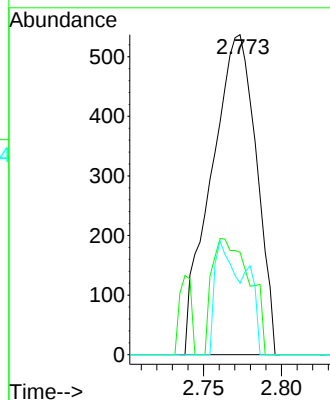
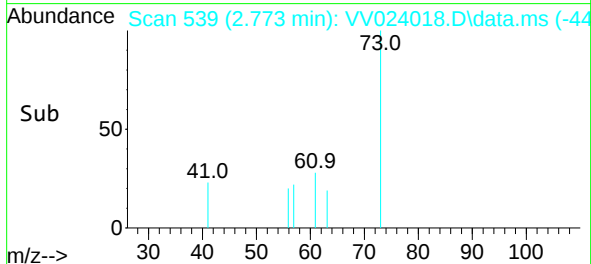


#17
Methyl tert-butyl Ether
Concen: 0.075 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

Instrument :
MSVOA_V
ClientSampleId :

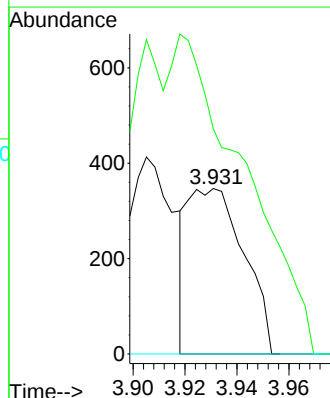
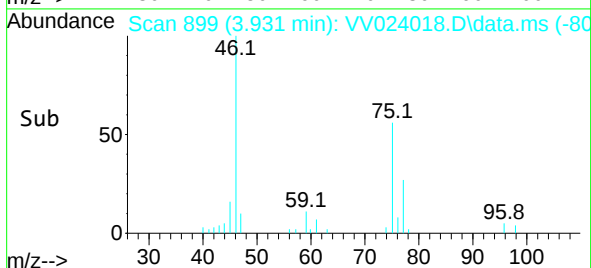
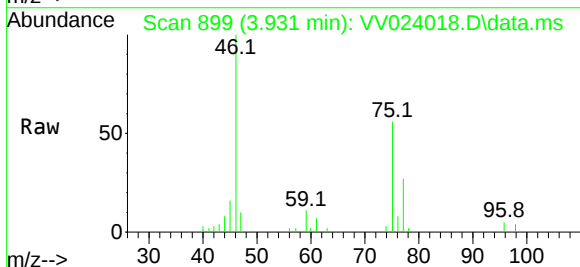


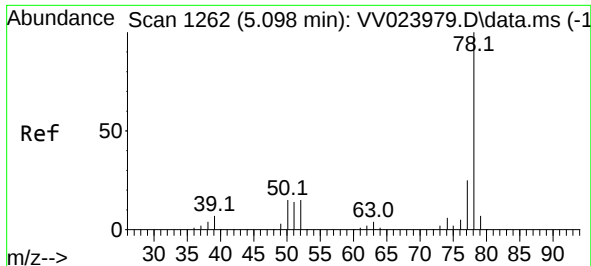
Tgt Ion: 73 Resp: 1081
Ion Ratio Lower Upper
73 100
43 30.3 15.5 23.3#
57 16.4 17.1 25.7#



#22
cis-1,2-Dichloroethene
Concen: 0.070 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.019 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

Tgt Ion: 96 Resp: 520
Ion Ratio Lower Upper
96 100
61 136.0 83.4 154.8
68 0.0 0.0 0.0

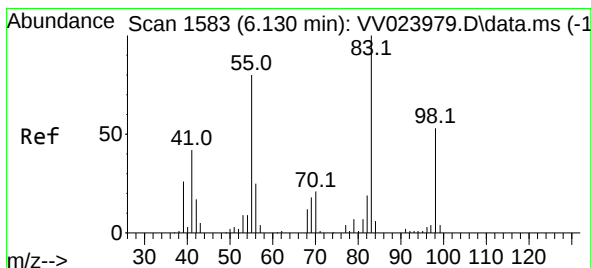
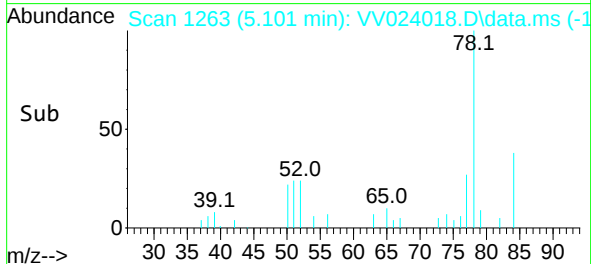
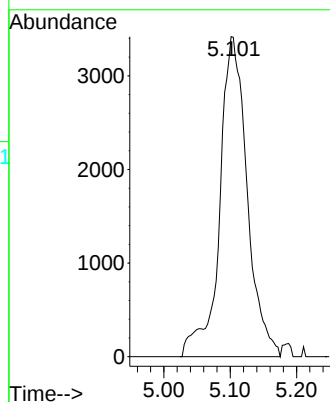
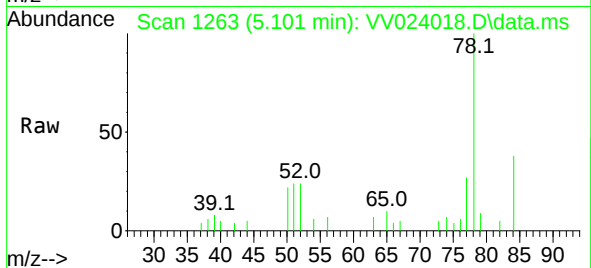




#33
Benzene
Concen: 0.354 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

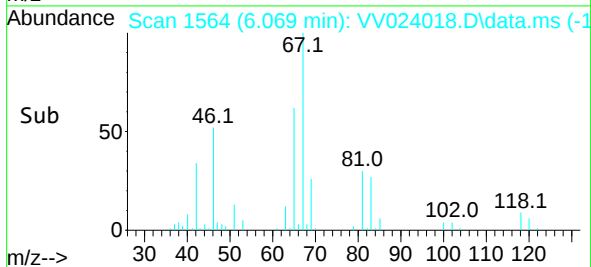
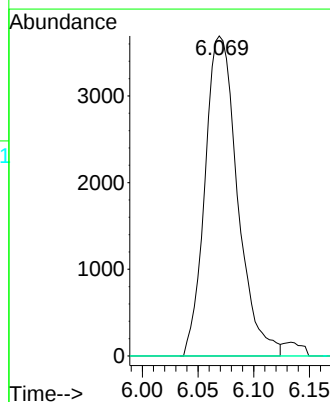
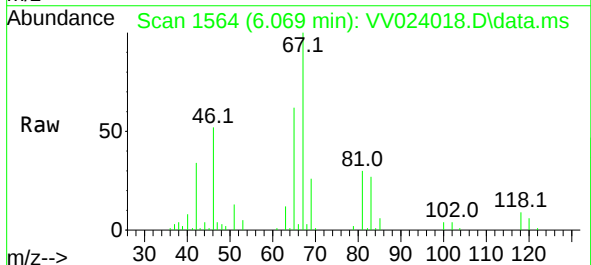
Instrument :
MSVOA_V
ClientSampleId :

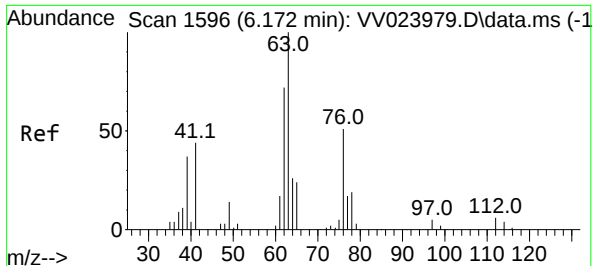
Tgt Ion: 78 Resp: 9867



#35
Methylcyclohexane
Concen: 0.651 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

Tgt Ion: 83 Resp: 7526
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 7.8 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.507 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024018.D

Acq: 16 Dec 2021 17:14

Instrument :

MSVOA_V

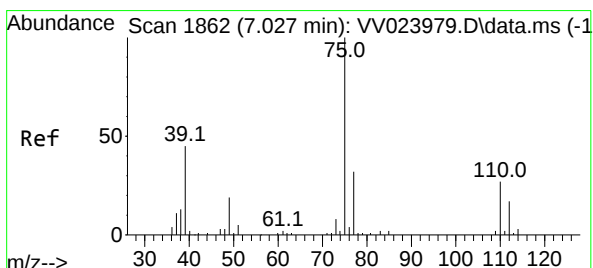
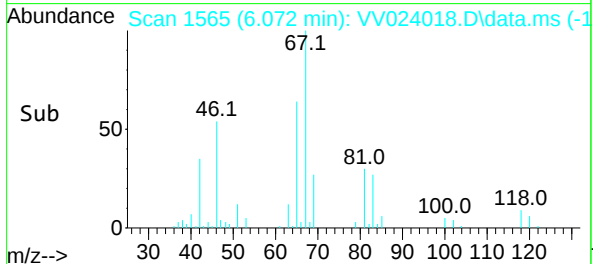
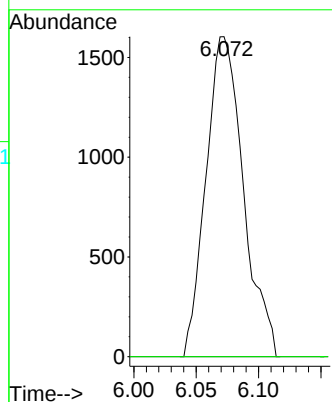
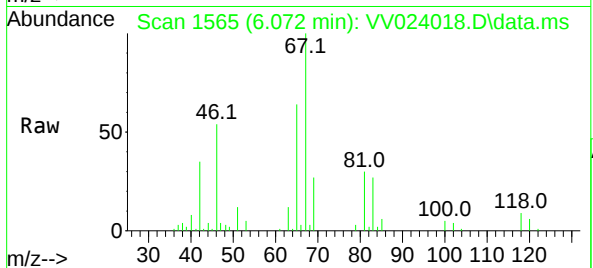
ClientSampleId :

Tgt Ion: 63 Resp: 3355

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV024018.D

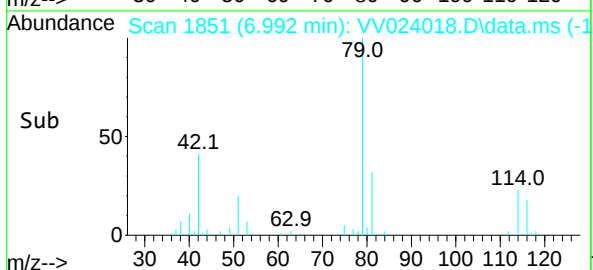
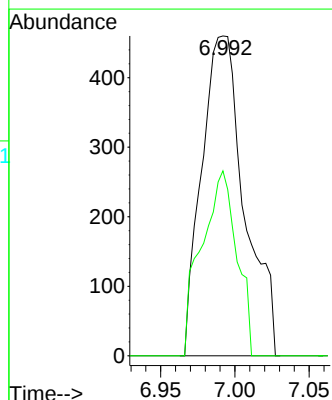
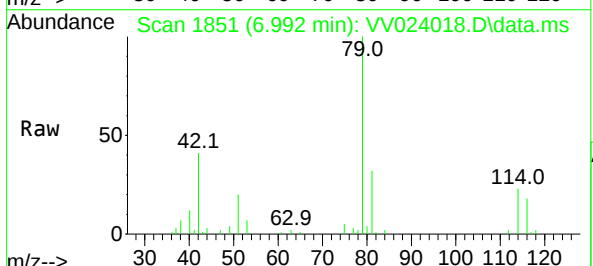
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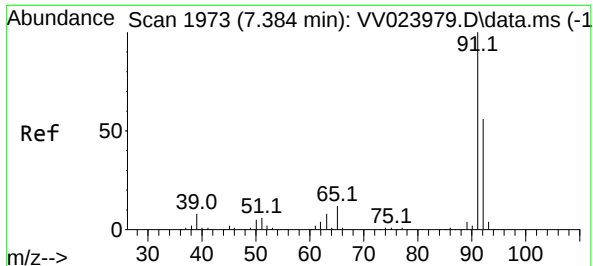
Tgt Ion: 75 Resp: 925

Ion Ratio Lower Upper

75 100

77 57.8 22.0 41.0#





#42

Toluene

Concen: 0.332 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV024018.D

Acq: 16 Dec 2021 17:14

Instrument :

MSVOA_V

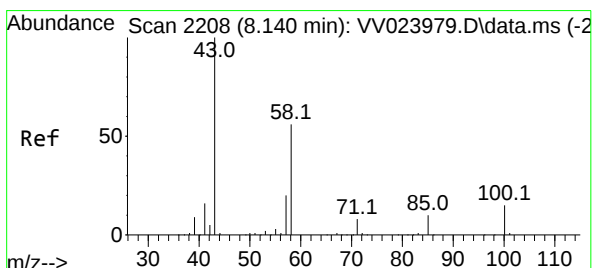
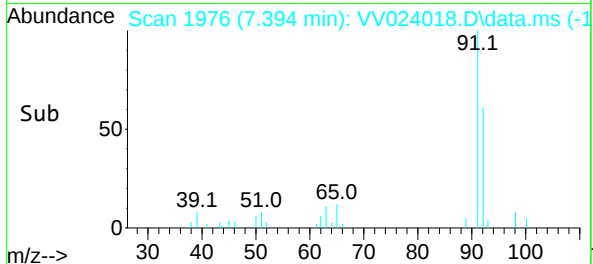
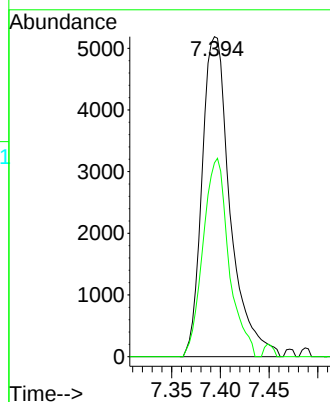
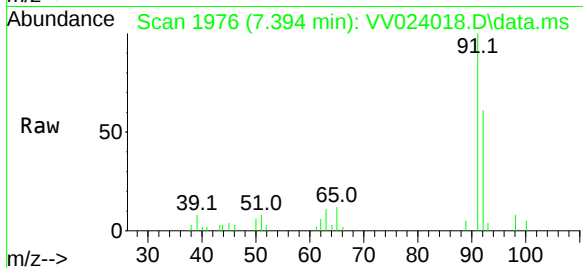
ClientSampleId :

Tgt Ion: 91 Resp: 10413

Ion Ratio Lower Upper

91 100

92 60.6 41.5 77.1



#48

2-Hexanone

Concen: 1.161 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV024018.D

Acq: 16 Dec 2021 17:14

Tgt Ion: 43 Resp: 2675

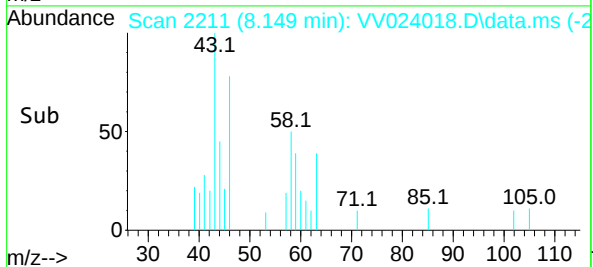
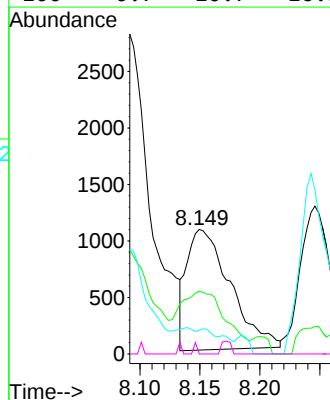
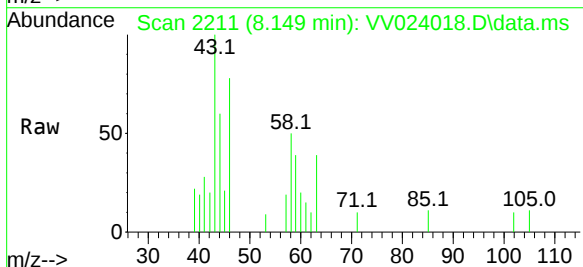
Ion Ratio Lower Upper

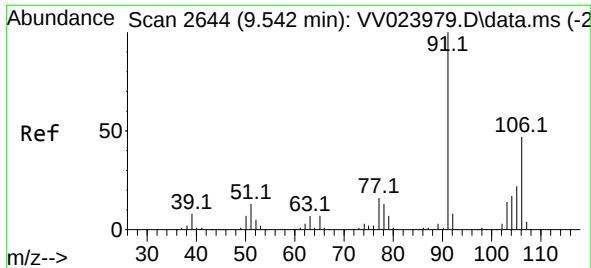
43 100

58 57.3 44.5 66.7

57 0.0 15.1 22.7#

100 0.7 10.7 16.1#

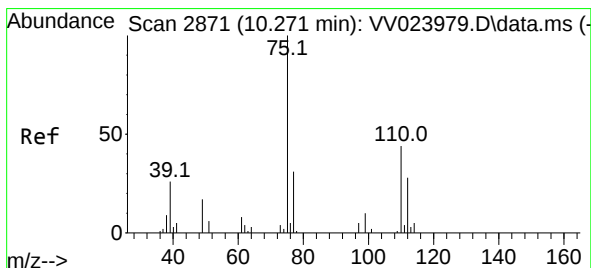
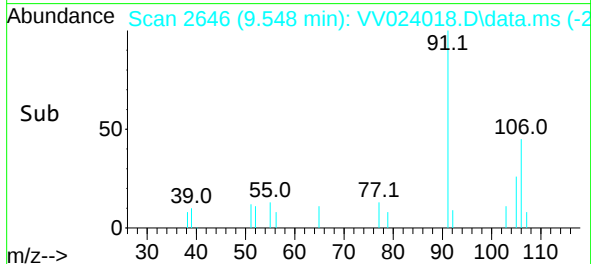
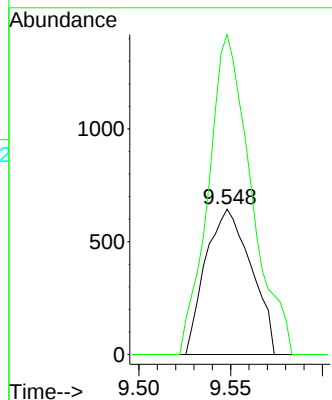
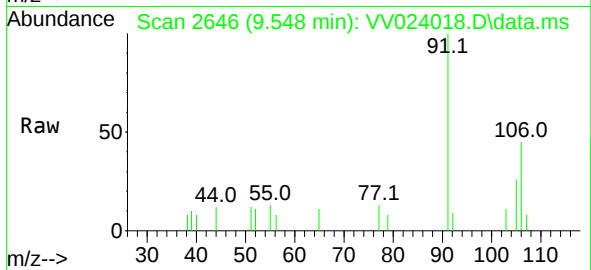




#54
o-xylene
Concen: 0.088 ug/L
RT: 9.548 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

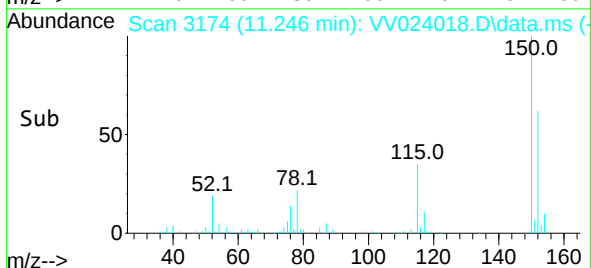
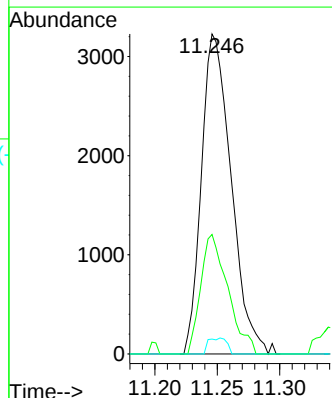
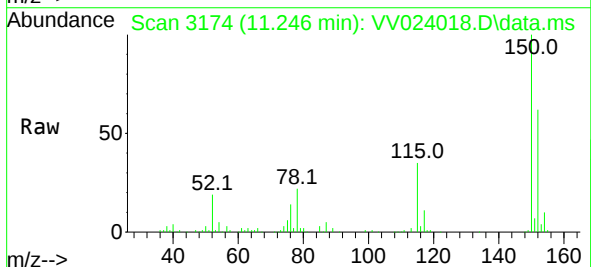
Instrument :
MSVOA_V
ClientSampleId :

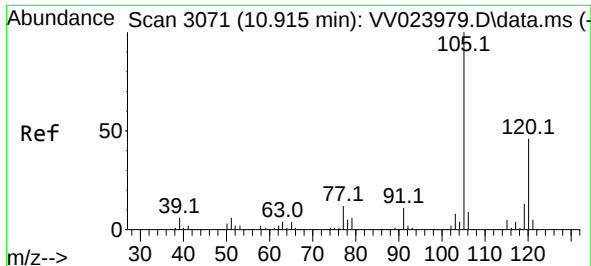
Tgt Ion:106 Resp: 1116
Ion Ratio Lower Upper
106 100
91 220.2 147.9 274.7



#61
1,2,3-Trichloropropane
Concen: 1.525 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

Tgt Ion: 75 Resp: 5354
Ion Ratio Lower Upper
75 100
77 34.1 26.4 39.6
110 3.1 34.2 51.2#

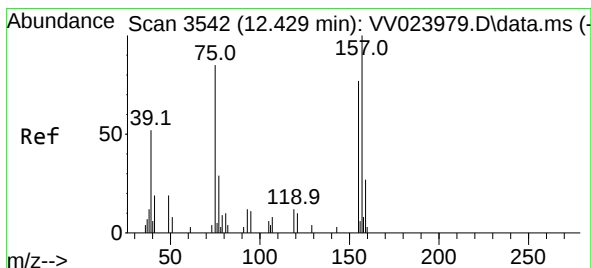
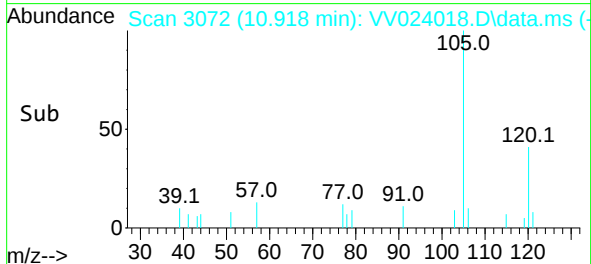
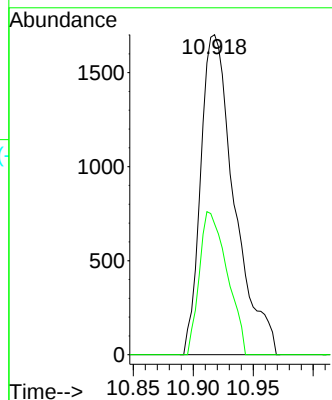
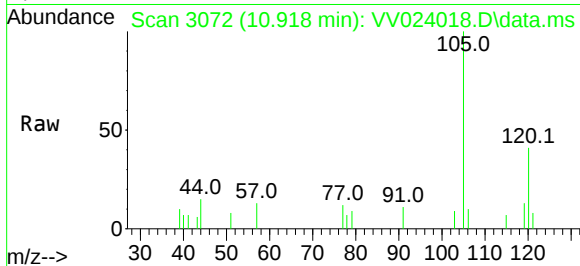




#63
1,2,4-Trimethylbenzene
Concen: 0.133 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

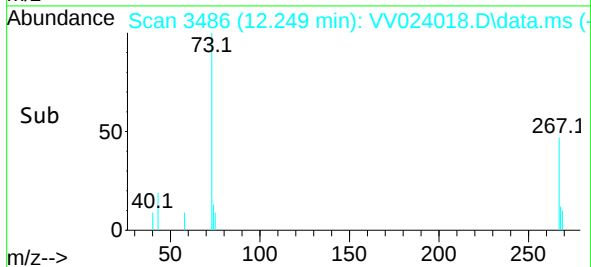
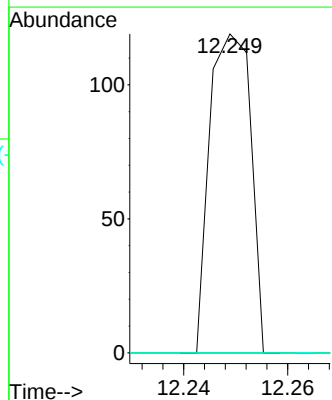
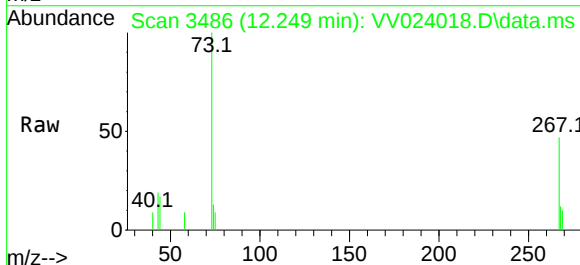
Instrument :
MSVOA_V
ClientSampleId :

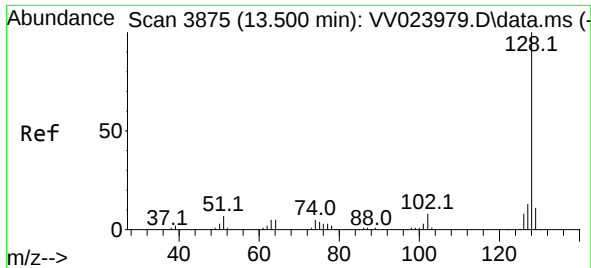
Tgt Ion:105 Resp: 3318
Ion Ratio Lower Upper
105 100
120 36.9 36.7 55.1



#68
1,2-Dibromo-3-chloropropane
Concen: 0.085 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.180 min
Lab File: VV024018.D
Acq: 16 Dec 2021 17:14

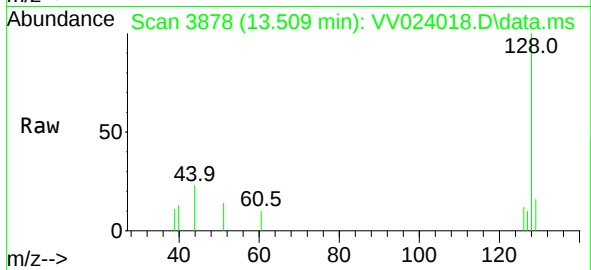
Tgt Ion: 75 Resp: 65
Ion Ratio Lower Upper
75 100
155 0.0 71.7 107.5#
157 0.0 103.3 154.9#





#71
 Naphthalene
 Concen: 0.128 ug/L
 RT: 13.509 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VV024018.D
 Acq: 16 Dec 2021 17:14

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:128 Resp: 1837
 Ion Ratio Lower Upper
 128 100
 129 8.9 9.0 13.4#
 127 8.9 10.2 15.4#

