

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022879.D
 Acq On : 18 Oct 2021 20:15
 Operator : SY/MD
 Sample : M4200-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 01:46:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 01:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34277	4.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.564	69	32869	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.105	63	51240	3.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.889	46	105971	50.174	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.340%
24) Chloroform-d	4.349	84	85714	5.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.034	65	40966	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.050	84	166196	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.072	67	54836	5.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.317	98	140124	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.625	79	15738	4.511	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.091	63	81739	58.131	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38782	5.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	60554	5.813	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	437	0.051	ug/L	94
12) 1,1-Dichloroethene	2.108	96	492	0.070	ug/L #	1
13) Acetone	2.355	43	578121	490.880	ug/L	74
14) Carbon disulfide	2.291	76	2691	0.135	ug/L #	93
15) Methyl Acetate	2.355	43	651012	193.192	ug/L #	50
27) 1,2-Dichloroethane	5.047	62	1107	0.138	ug/L #	69
33) Benzene	5.108	78	3214	0.100	ug/L	100
35) Methylcyclohexane	6.069	83	13431	1.097	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5320	0.688	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1158	0.113	ug/L #	65
42) Toluene	7.394	91	24568	0.753	ug/L	91
52) Ethylbenzene	9.021	91	3005	0.091	ug/L	96
53) m,p-xylene	9.143	106	3734	0.287	ug/L	89
54) o-xylene	9.551	106	1271	0.104	ug/L	73
61) 1,2,3-Trichloropropane	11.249	75	5993	1.535	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.918	105	1962	0.085	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	1962	0.085	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.255	75	302	0.425	ug/L #	15
71) Naphthalene	13.509	128	1929	0.141	ug/L #	94

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 19 01:43:03 2021
Response via : Initial Calibration

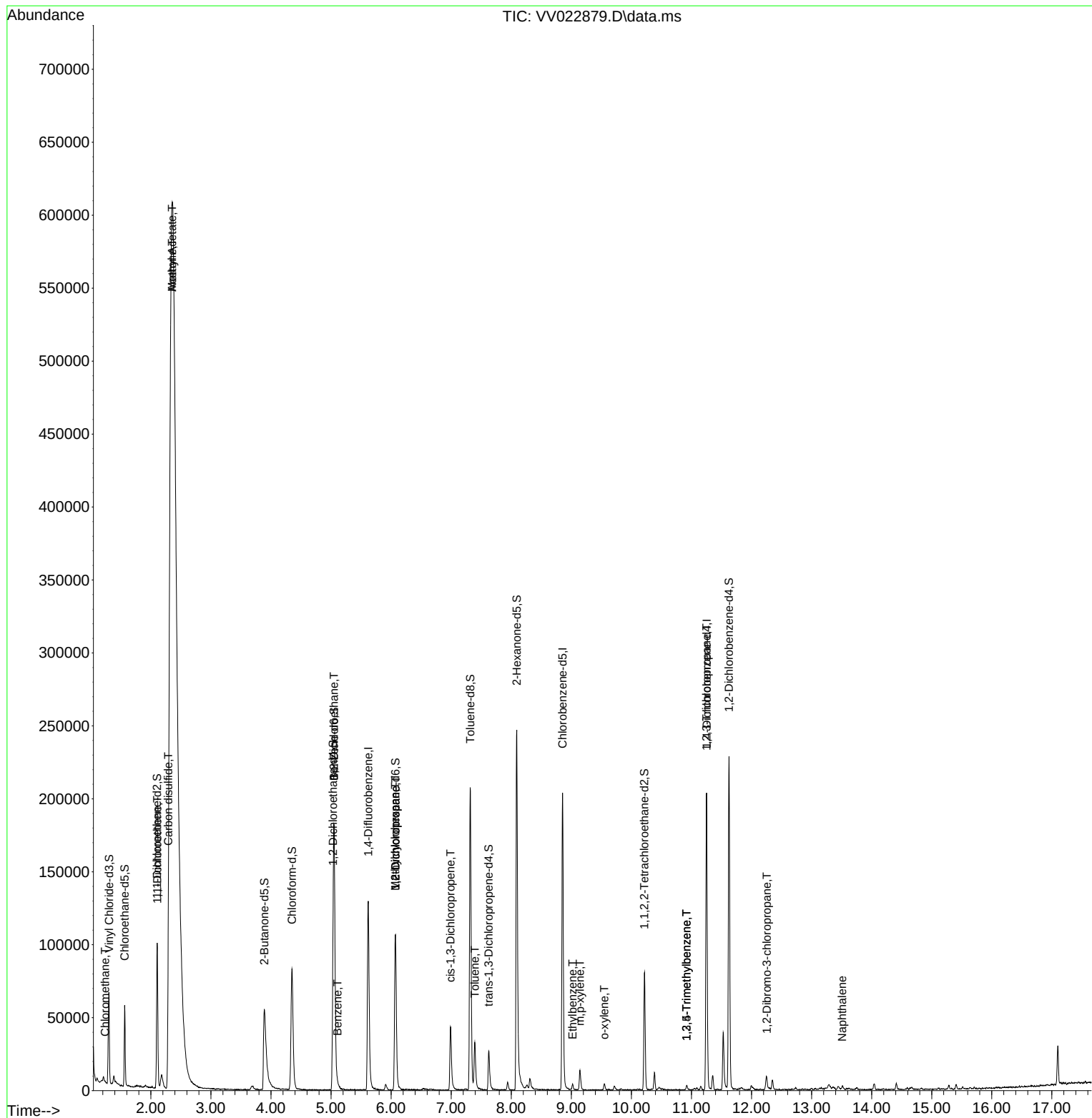
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

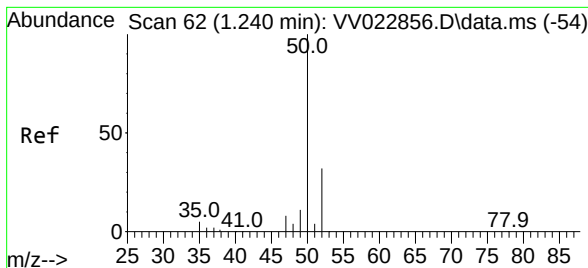
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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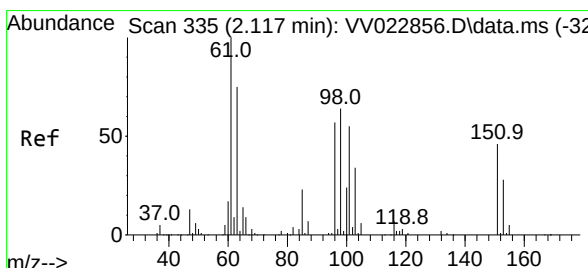
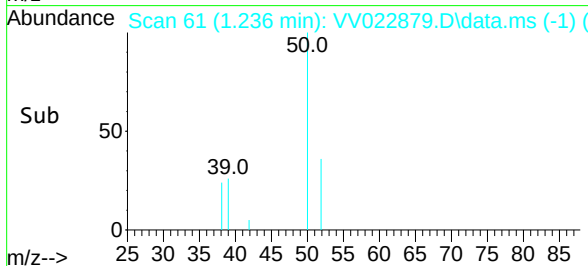
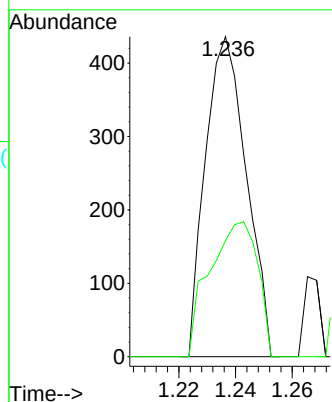
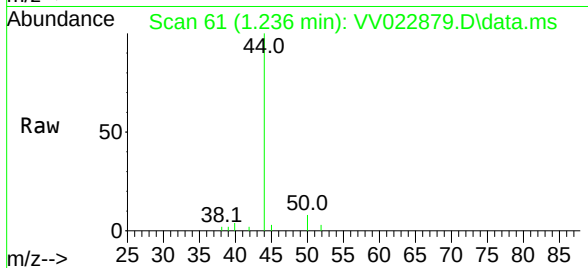




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

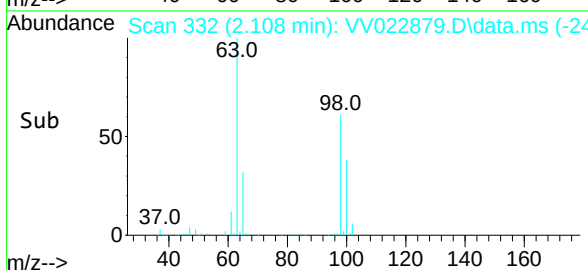
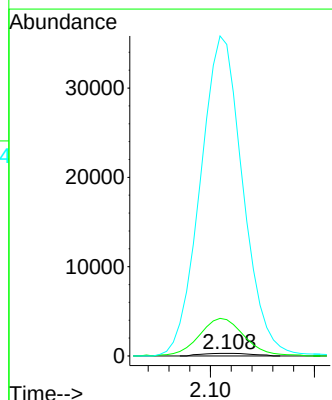
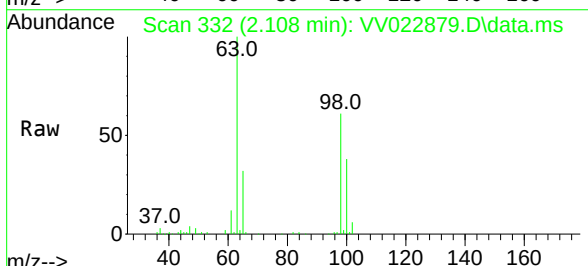
Instrument :
MSVOA_V
ClientSampleId :

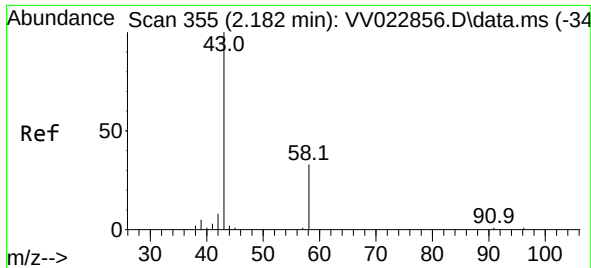
Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 36.2 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.070 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

Tgt Ion: 96 Resp: 492
Ion Ratio Lower Upper
96 100
61 1439.4 127.3 236.5#
63 12368.8 106.2 197.2#

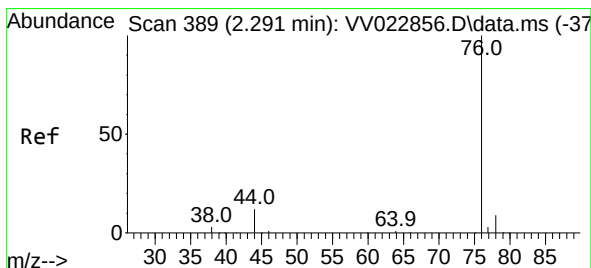
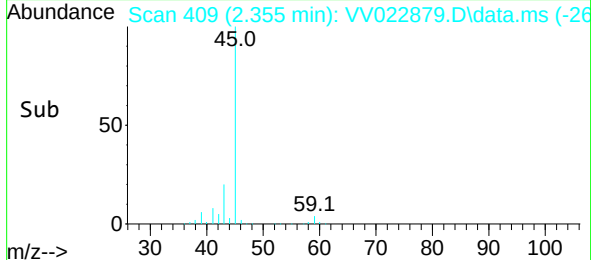
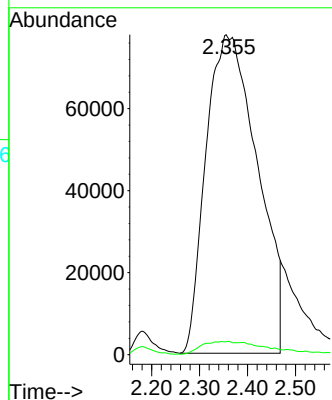
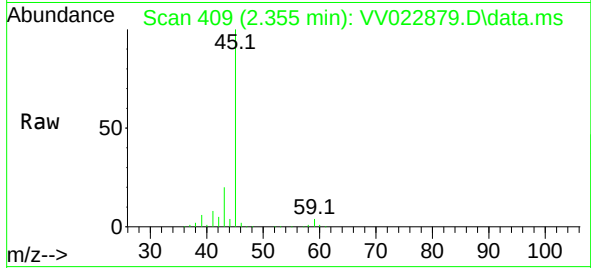




#13
Acetone
Concen: 490.880 ug/L
RT: 2.355 min Scan# 409
Delta R.T. 0.174 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

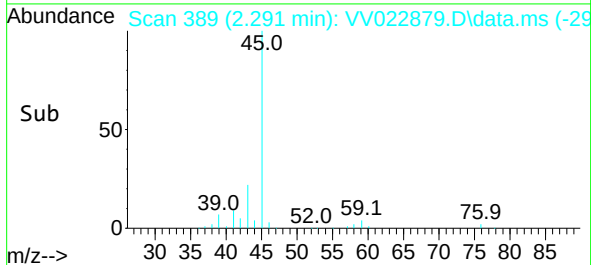
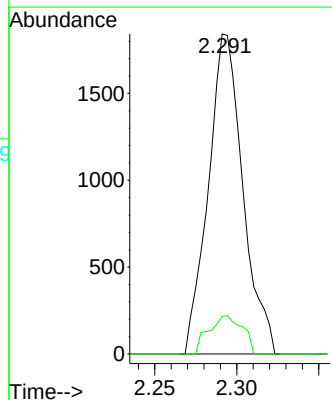
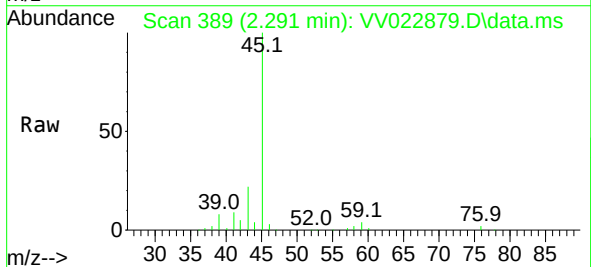
Instrument :
MSVOA_V
ClientSampleId :

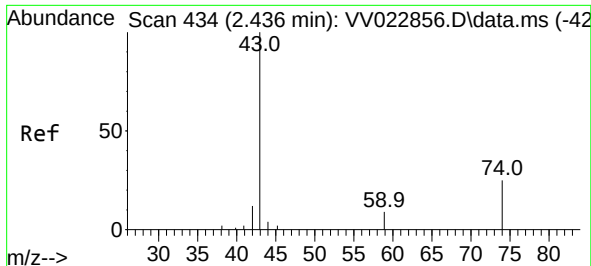
Tgt Ion: 43 Resp: 578121
Ion Ratio Lower Upper
43 100
58 1.8 0.0 24.2



#14
Carbon disulfide
Concen: 0.135 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

Tgt Ion: 76 Resp: 2691
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.0#

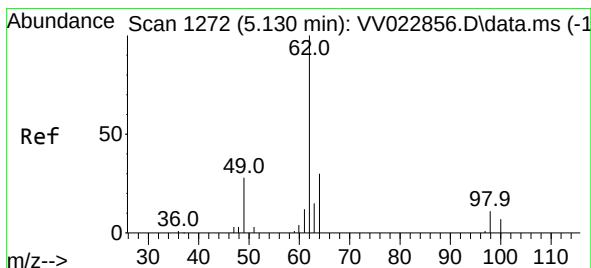
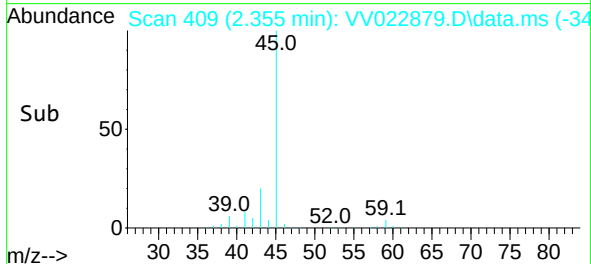
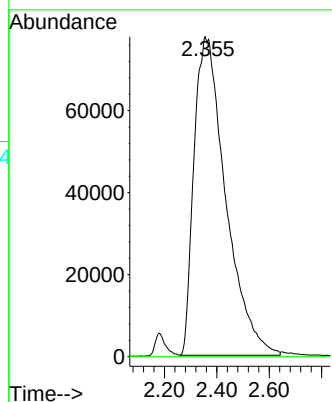
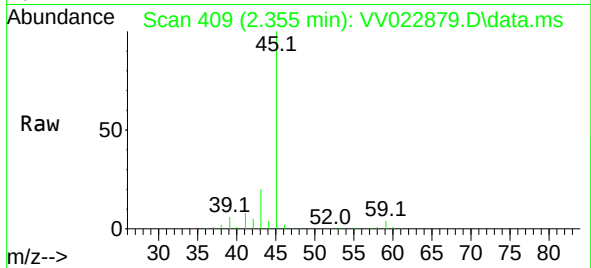




#15
Methyl Acetate
Concen: 193.192 ug/L
RT: 2.355 min Scan# 409
Delta R.T. -0.080 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

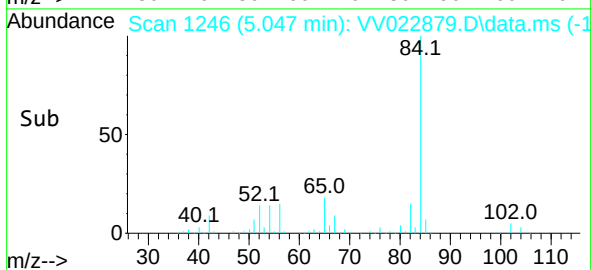
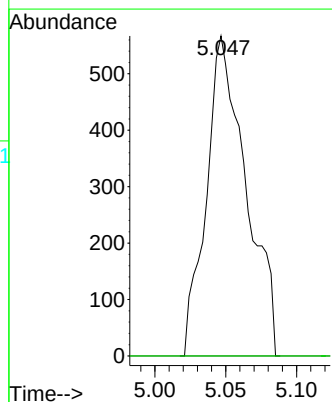
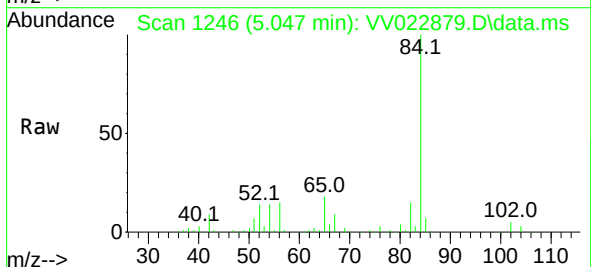
Instrument :
MSVOA_V
ClientSampled :

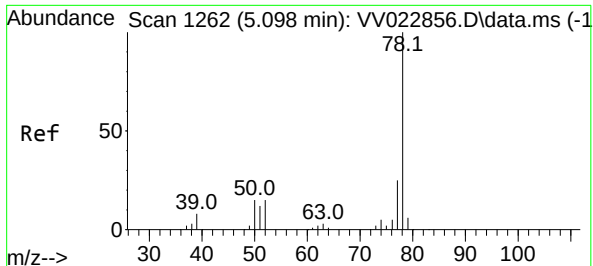
Tgt Ion: 43 Resp: 651012
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#27
1,2-Dichloroethane
Concen: 0.138 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.084 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

Tgt Ion: 62 Resp: 1107
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

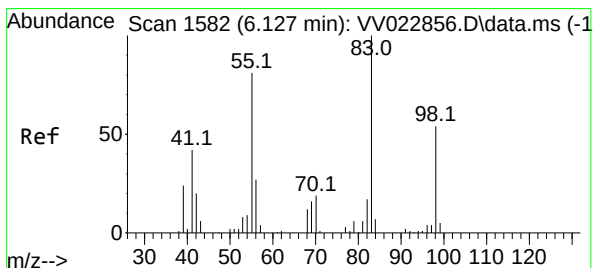
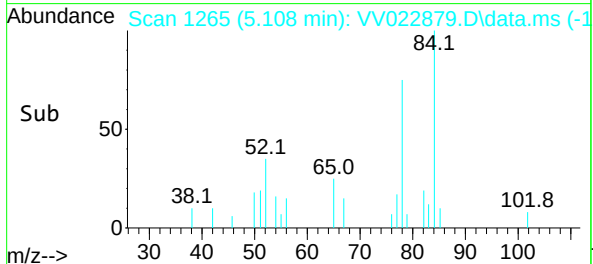
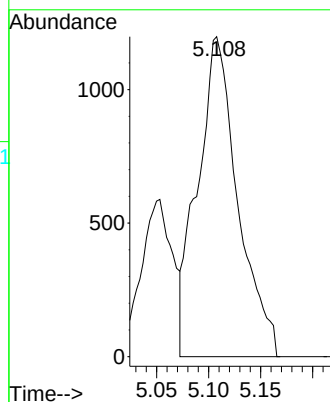
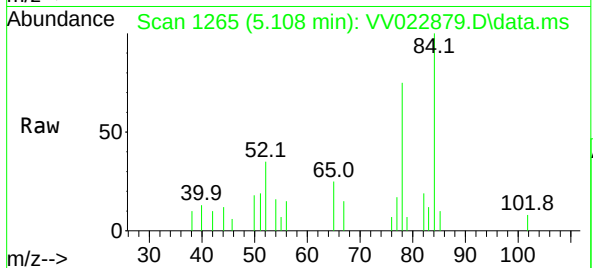




#33
Benzene
Concen: 0.100 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

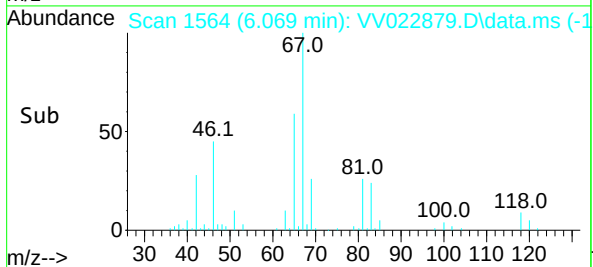
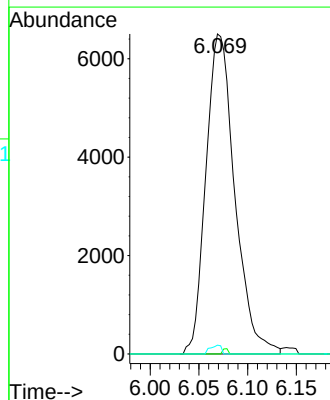
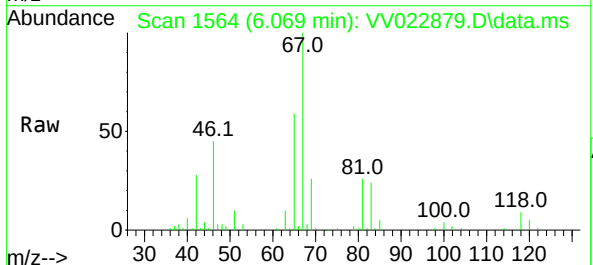
Instrument :
MSVOA_V
ClientSampled :

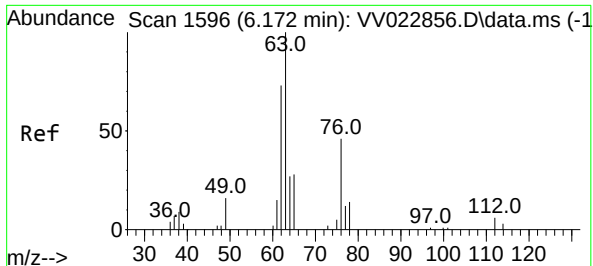
Tgt Ion: 78 Resp: 3214



#35
Methylcyclohexane
Concen: 1.097 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

Tgt Ion: 83 Resp: 13431
Ion Ratio Lower Upper
83 100
55 0.3 63.8 95.6#
98 1.0 42.1 63.1#





#37

1,2-Dichloropropane

Concen: 0.688 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV022879.D

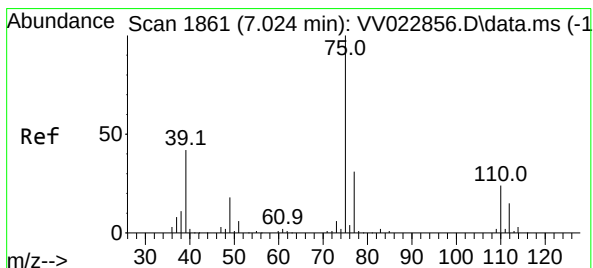
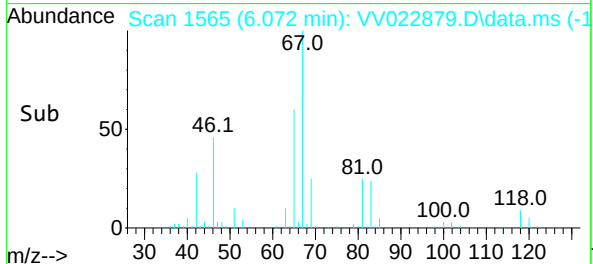
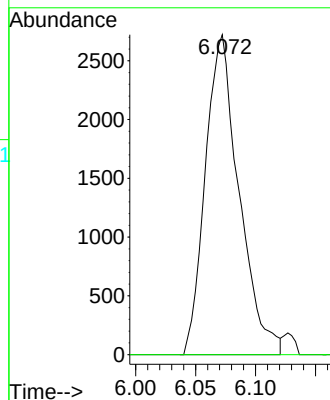
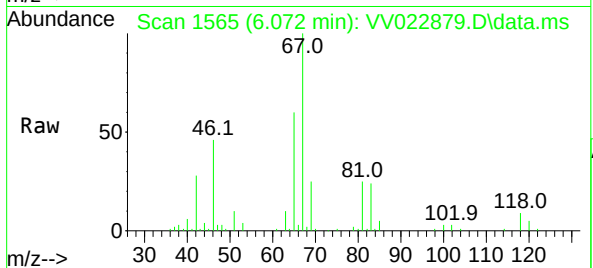
Acq: 18 Oct 2021 20:15

Tgt Ion: 63 Resp: 5320

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV022879.D

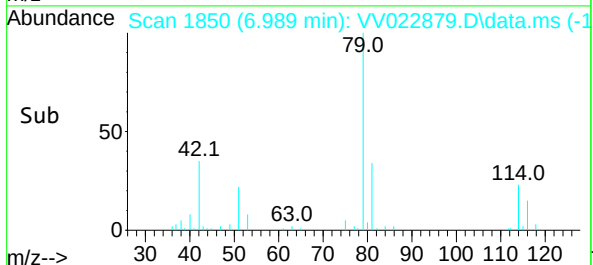
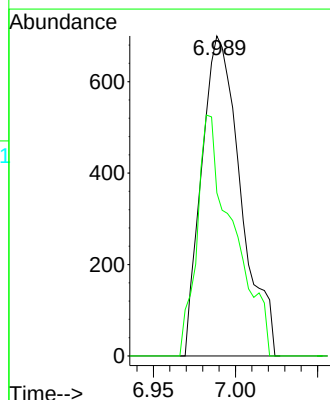
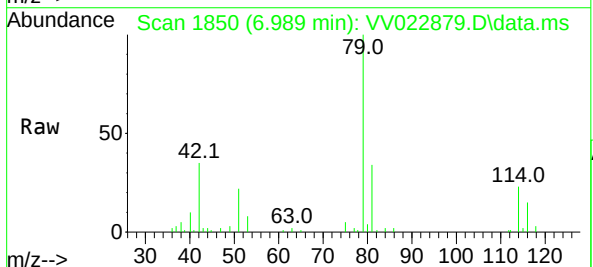
Acq: 18 Oct 2021 20:15

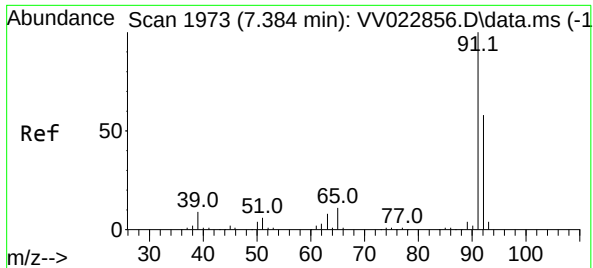
Tgt Ion: 75 Resp: 1158

Ion Ratio Lower Upper

75 100

77 51.0 22.3 41.3#





#42

Toluene

Concen: 0.753 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV022879.D

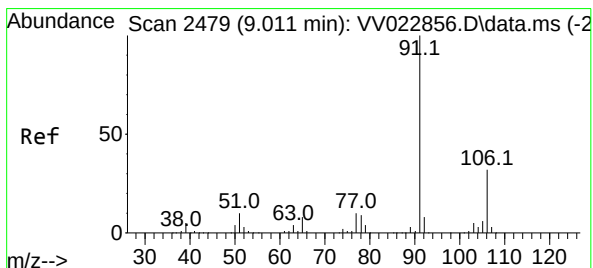
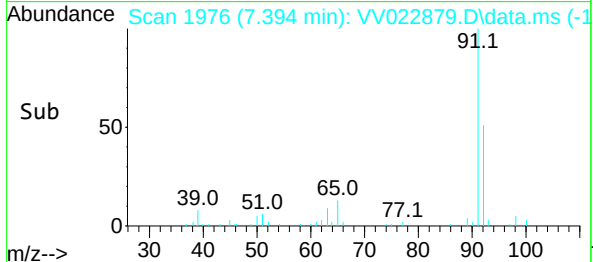
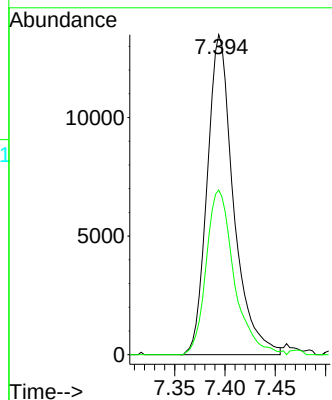
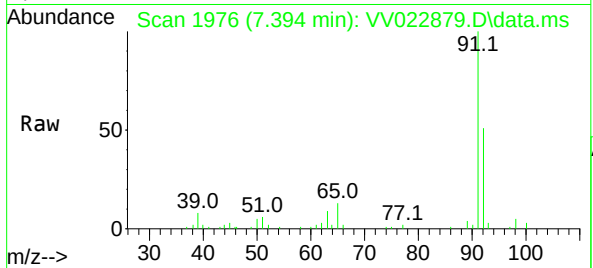
Acq: 18 Oct 2021 20:15

Tgt Ion: 91 Resp: 24568

Ion Ratio Lower Upper

91 100

92 51.5 40.7 75.7



#52

Ethylbenzene

Concen: 0.091 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV022879.D

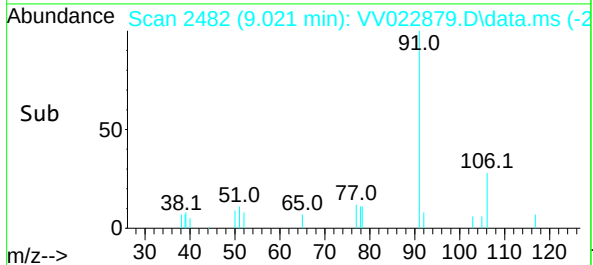
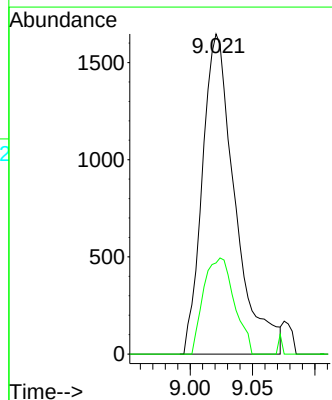
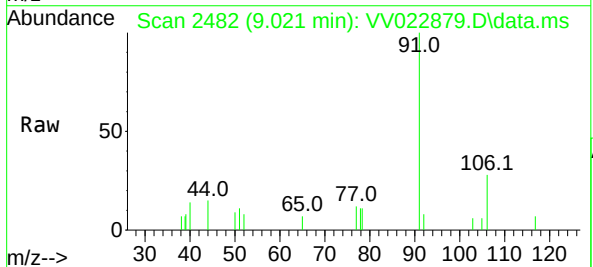
Acq: 18 Oct 2021 20:15

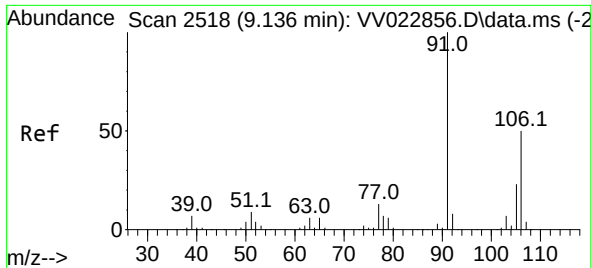
Tgt Ion: 91 Resp: 3005

Ion Ratio Lower Upper

91 100

106 28.5 21.6 40.2

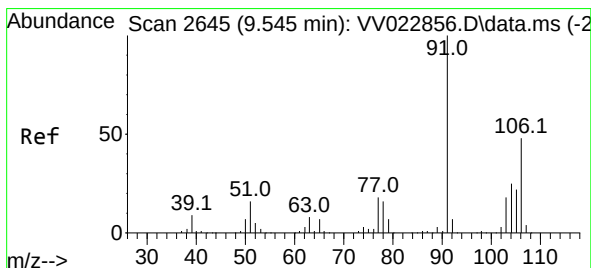
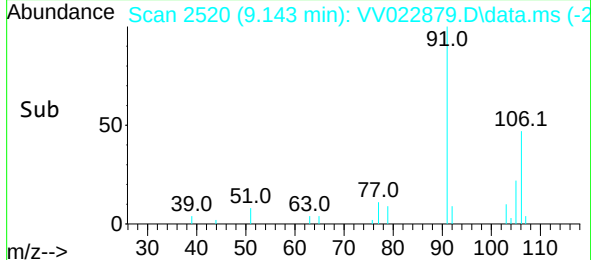
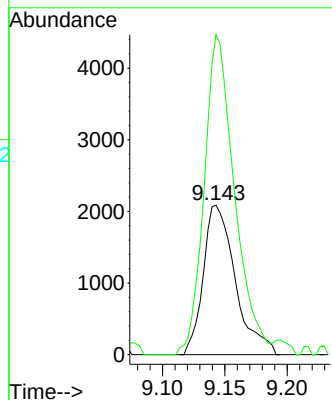
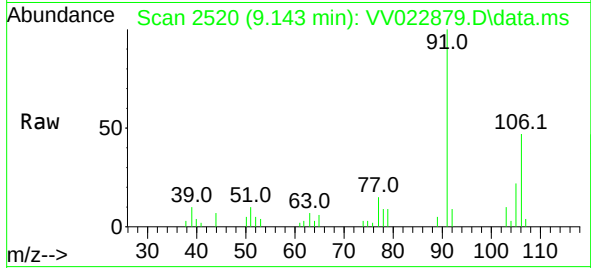




#53
m,p-xylene
Concen: 0.287 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

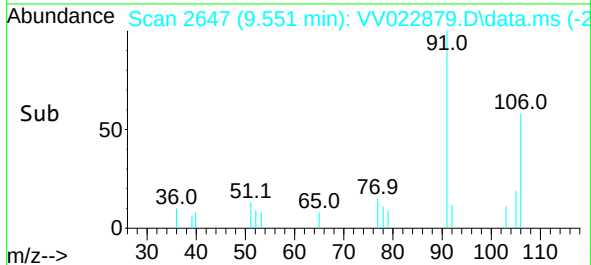
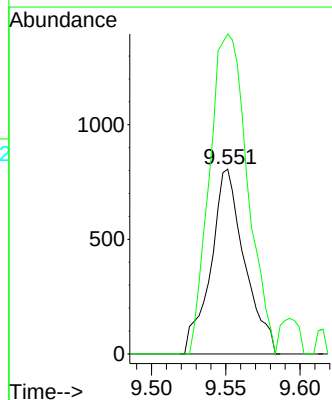
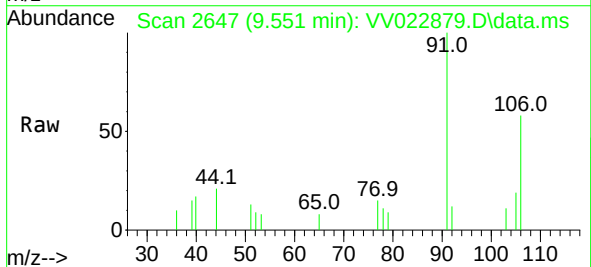
Instrument :
MSVOA_V
ClientSampled :

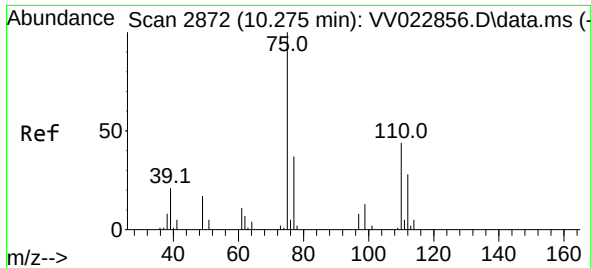
Tgt Ion:106 Resp: 3734
Ion Ratio Lower Upper
106 100
91 214.1 138.7 257.5



#54
o-xylene
Concen: 0.104 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.006 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

Tgt Ion:106 Resp: 1271
Ion Ratio Lower Upper
106 100
91 173.2 151.1 280.7

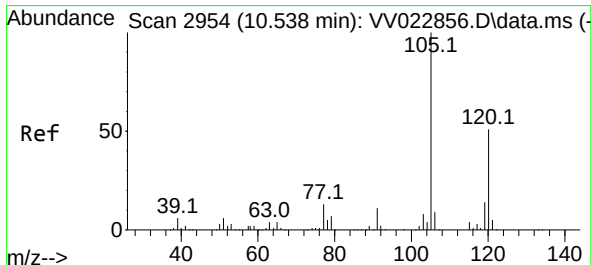
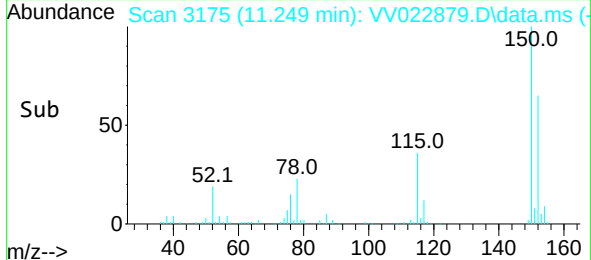
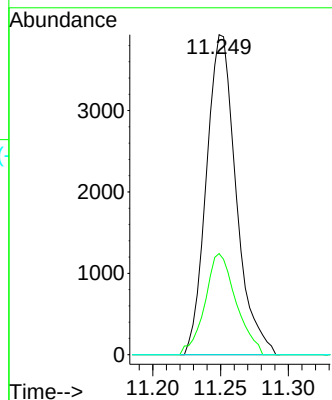
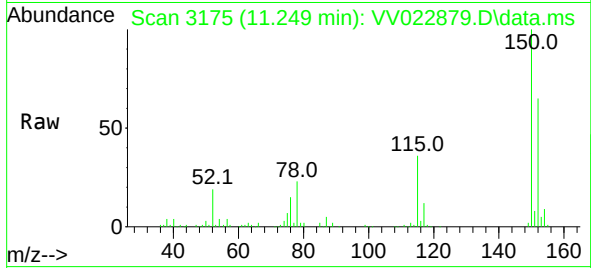




#61
1,2,3-Trichloropropane
Concen: 1.535 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

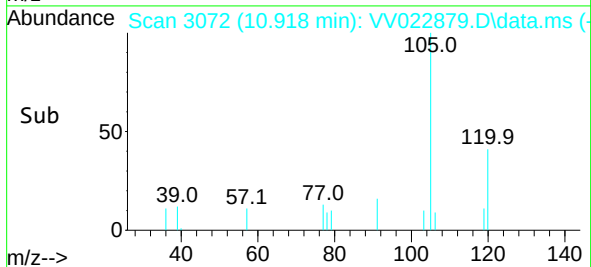
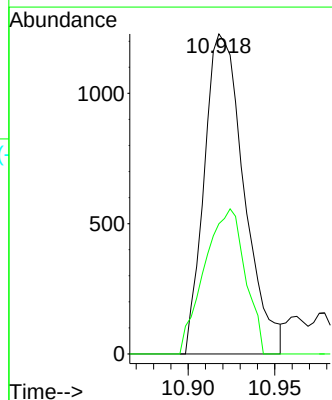
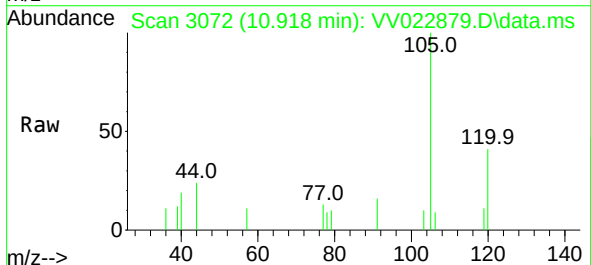
Instrument :
MSVOA_V
ClientSampled :

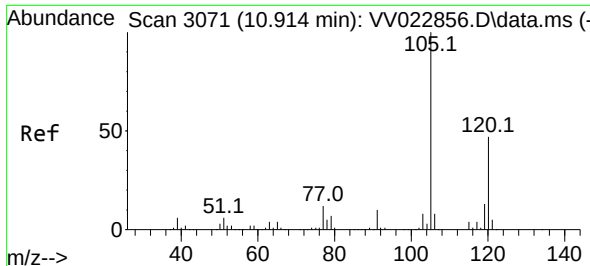
Tgt Ion: 75 Resp: 5993
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2
110 0.0 34.2 51.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.085 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.379 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

Tgt Ion: 105 Resp: 1962
Ion Ratio Lower Upper
105 100
120 46.4 39.4 59.2

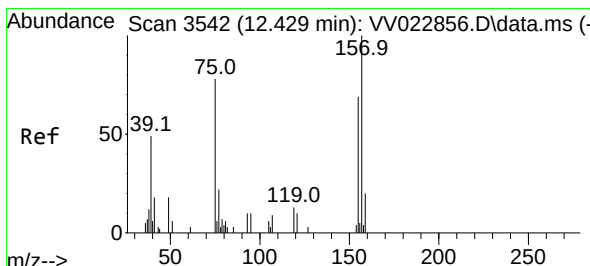
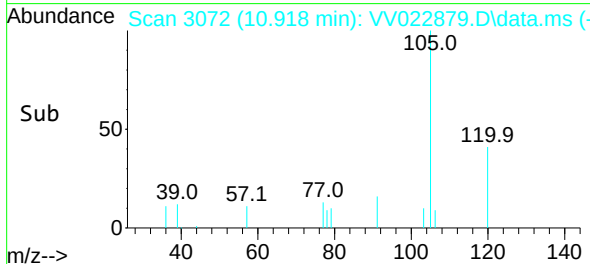
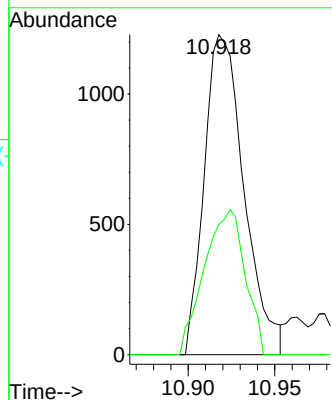
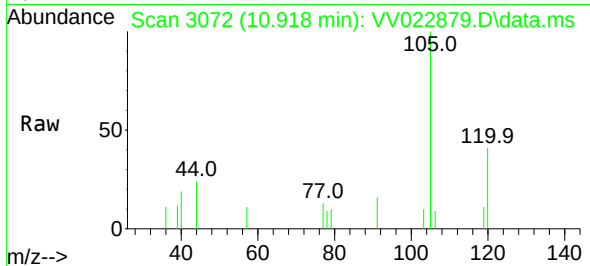




#63
1,2,4-Trimethylbenzene
Concen: 0.085 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

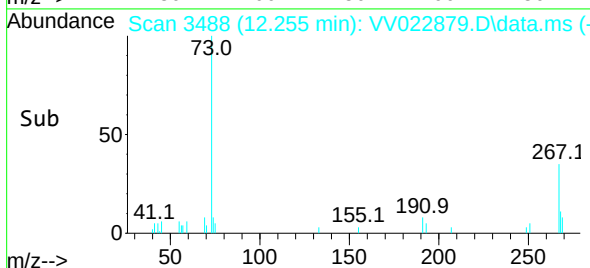
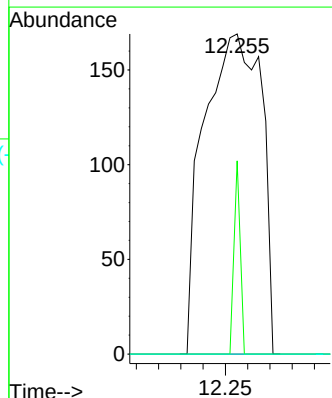
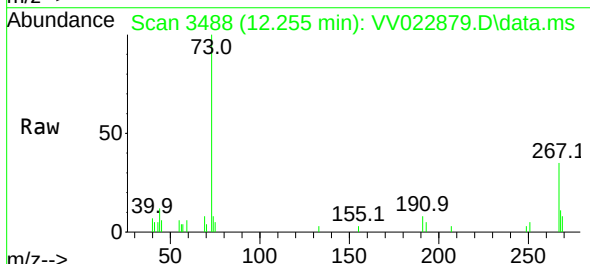
Instrument :
MSVOA_V
ClientSampled :

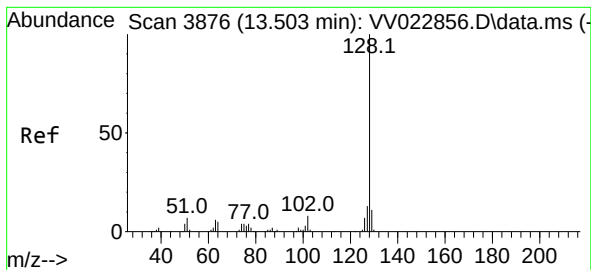
Tgt Ion:105 Resp: 1962
Ion Ratio Lower Upper
105 100
120 46.4 37.3 55.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.425 ug/L
RT: 12.255 min Scan# 3488
Delta R.T. -0.174 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

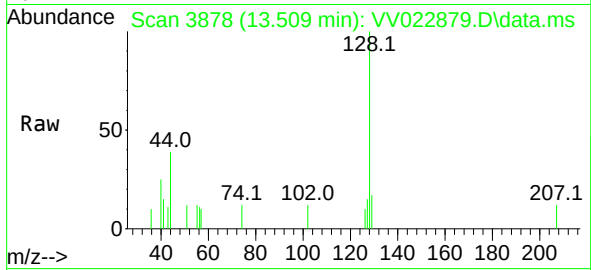
Tgt Ion: 75 Resp: 302
Ion Ratio Lower Upper
75 100
155 60.4 82.4 123.6#
157 0.0 114.1 171.1#





#71
Naphthalene
Concen: 0.141 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV022879.D
Acq: 18 Oct 2021 20:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1929
Ion Ratio Lower Upper
128 100
129 7.2 9.3 13.9#
127 13.8 10.8 16.2

