

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022878.D
 Acq On : 18 Oct 2021 19:51
 Operator : SY/MD
 Sample : M4200-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGES

Quant Time: Oct 19 01:46:21 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	100461	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	51328	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35385	5.120	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%
7) Chloroethane-d5	1.568	69	32572	5.244	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.108	63	46084	3.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.889	46	88862	49.032	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.060%
24) Chloroform-d	4.352	84	77956	5.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.034	65	37823	5.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.053	84	149210	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.072	67	46100	5.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.317	98	130579	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	7.625	79	15302	5.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.088	63	74369	62.136	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.280%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	32373	5.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	57696	6.063	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.200%#
Target Compounds						Qvalue
3) Chloromethane	1.240	50	629	0.085	ug/L	96
12) 1,1-Dichloroethene	2.104	96	502	0.083	ug/L #	1
13) Acetone	2.178	43	12229	12.101	ug/L #	51
22) cis-1,2-Dichloroethene	3.908	96	893	0.129	ug/L	72
27) 1,2-Dichloroethane	5.050	62	976	0.142	ug/L #	69
33) Benzene	5.111	78	2579	0.094	ug/L	100
35) Methylcyclohexane	6.072	83	11945	1.146	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	5208	0.792	ug/L #	84
42) Toluene	7.394	91	23049	0.830	ug/L	99
52) Ethylbenzene	9.017	91	2761	0.098	ug/L	97
53) m,p-xylene	9.143	106	3822	0.345	ug/L	99
54) o-xylene	9.545	106	1325	0.127	ug/L #	54
61) 1,2,3-Trichloropropane	11.249	75	5575	1.563	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.921	105	1971	0.094	ug/L	90
63) 1,2,4-Trimethylbenzene	10.921	105	1971	0.093	ug/L	94
71) Naphthalene	13.509	128	1551	0.124	ug/L #	84

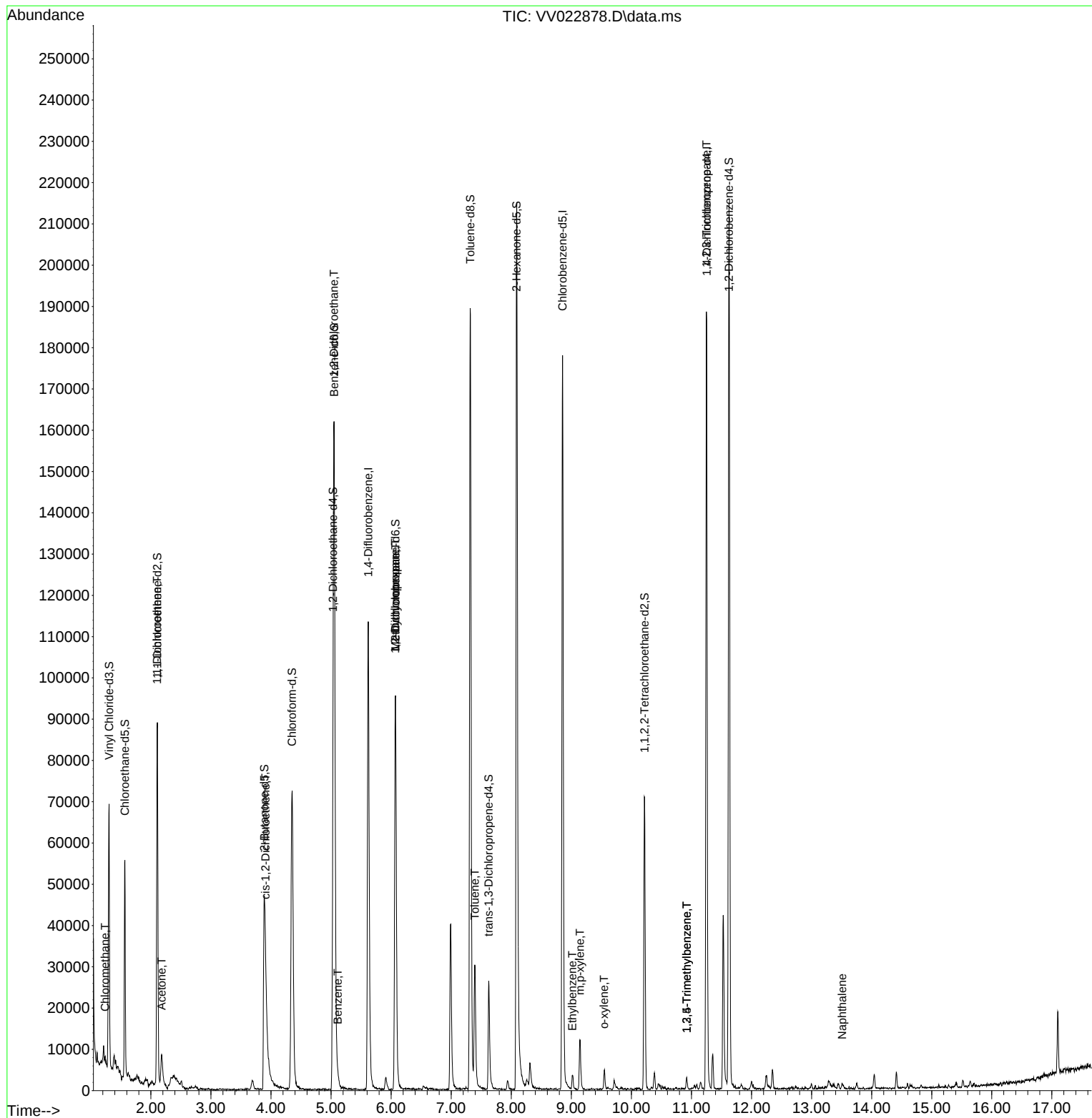
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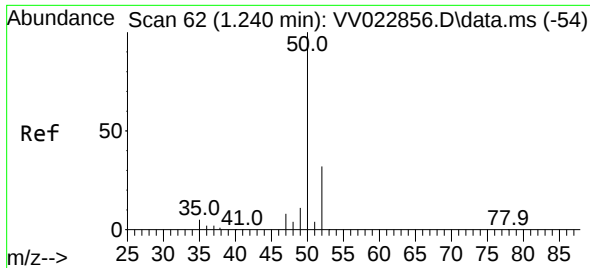
Instrument :
MSVOA_V
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Response via : Initial Calibration

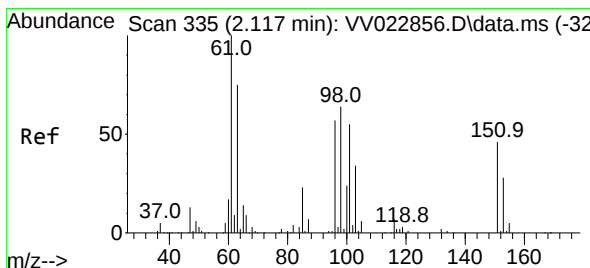
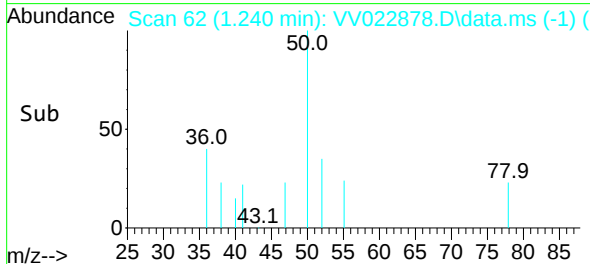
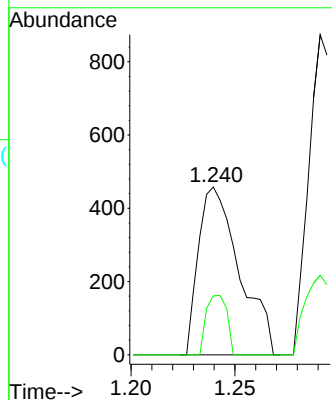
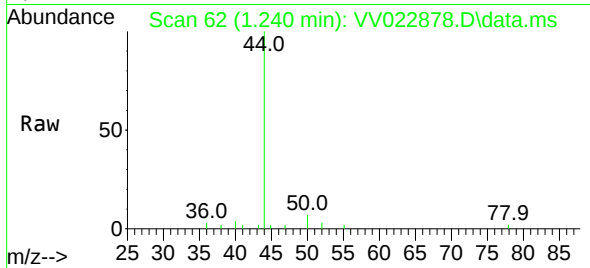




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

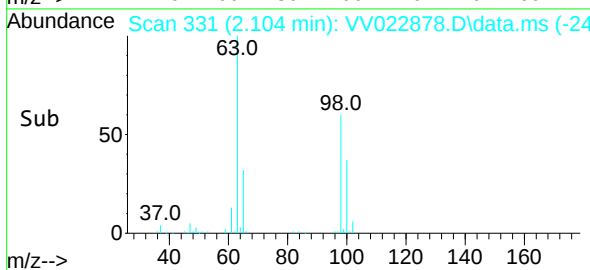
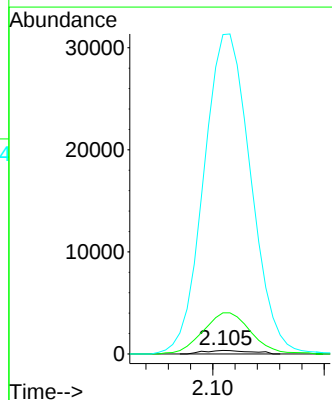
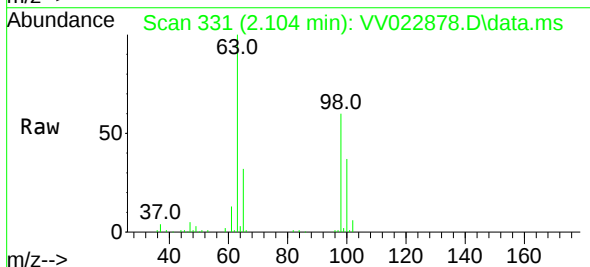
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MSVOA_V
ClientSampled :
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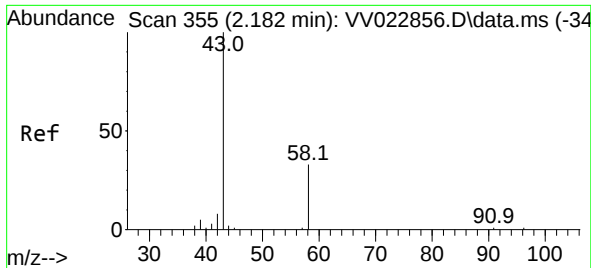
Tgt Ion: 50 Resp: 629
Ion Ratio Lower Upper
50 100
52 35.2 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.104 min Scan# 331
Delta R.T. -0.013 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 96 Resp: 502
Ion Ratio Lower Upper
96 100
61 1160.5 127.3 236.5#
63 9016.7 106.2 197.2#

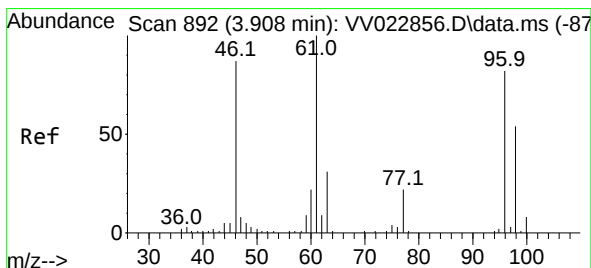
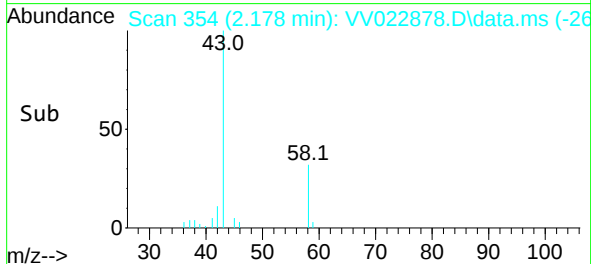
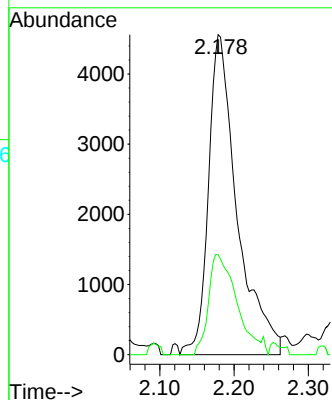
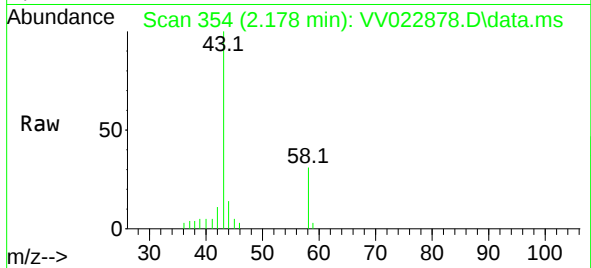




#13
Acetone
Concen: 12.101 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

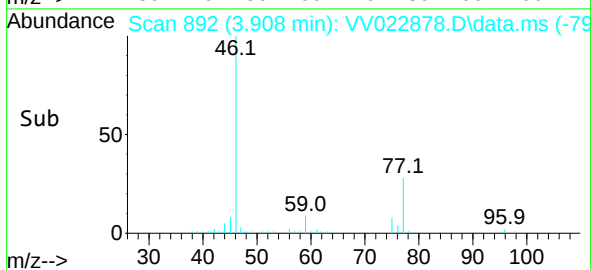
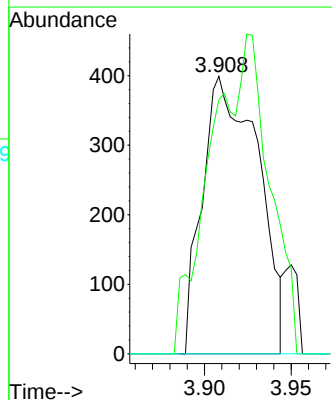
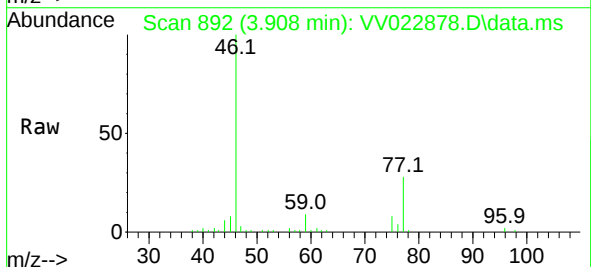
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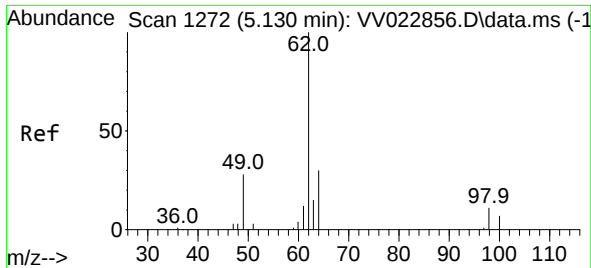
Tgt Ion: 43 Resp: 12229
Ion Ratio Lower Upper
43 100
58 31.1 0.0 24.2#



#22
cis-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 96 Resp: 893
Ion Ratio Lower Upper
96 100
61 91.7 86.0 159.6
68 0.0 0.0 0.0

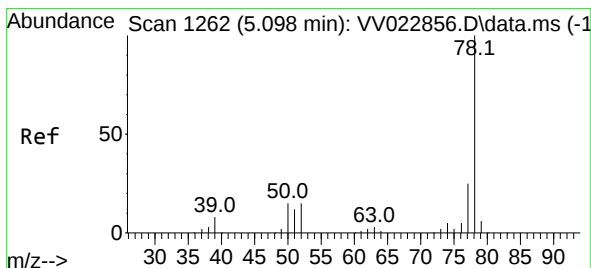
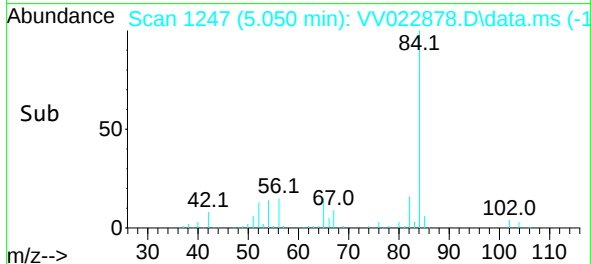
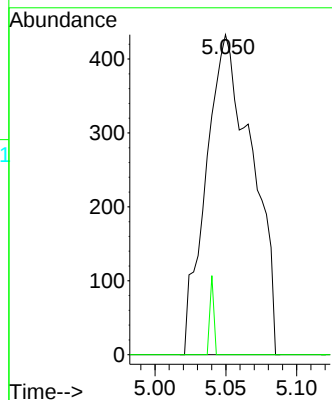
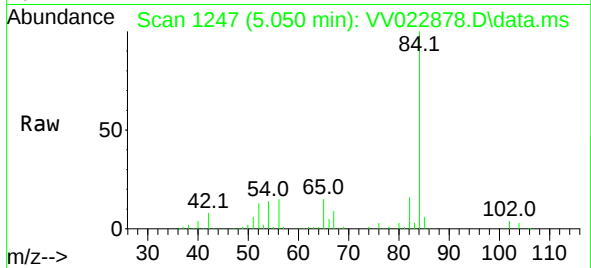




#27
1,2-Dichloroethane
Concen: 0.142 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

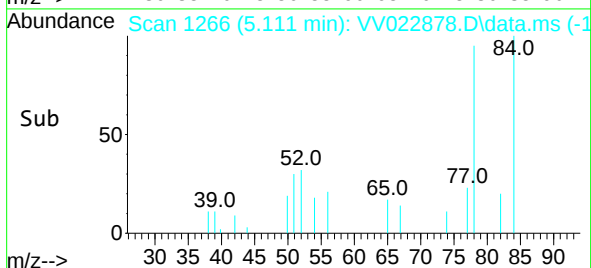
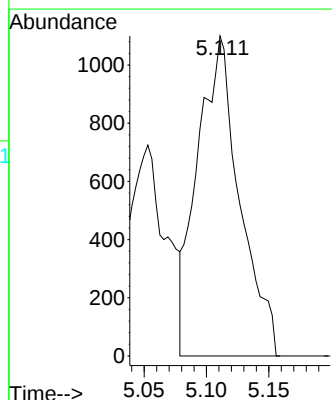
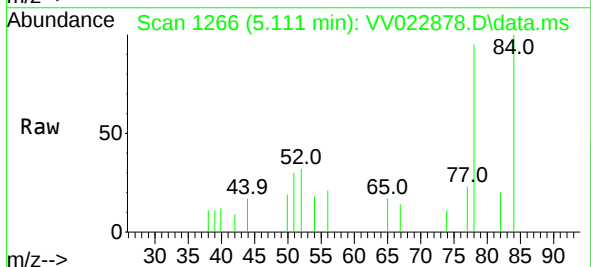
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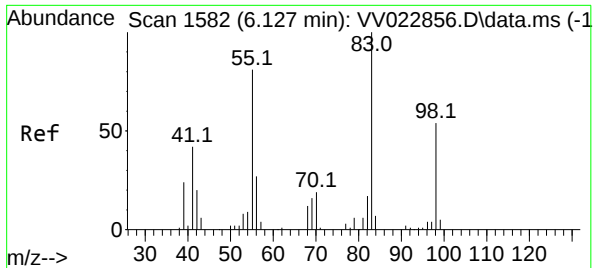
Tgt Ion: 62 Resp: 976
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#



#33
Benzene
Concen: 0.094 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.013 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 78 Resp: 2579

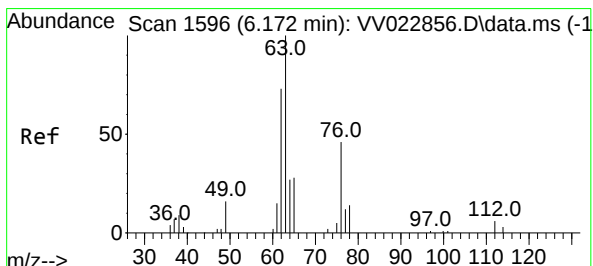
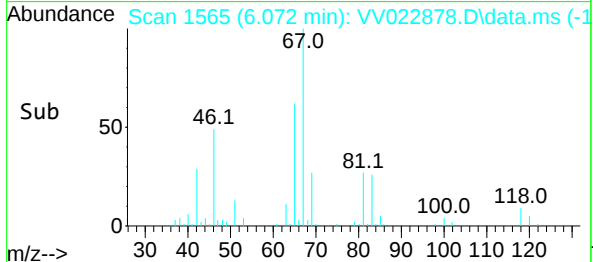
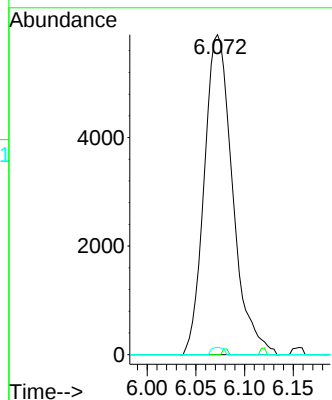
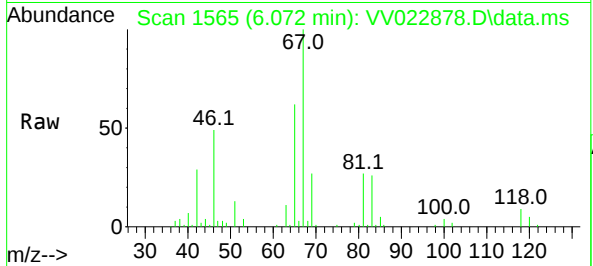




#35
Methylcyclohexane
Concen: 1.146 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

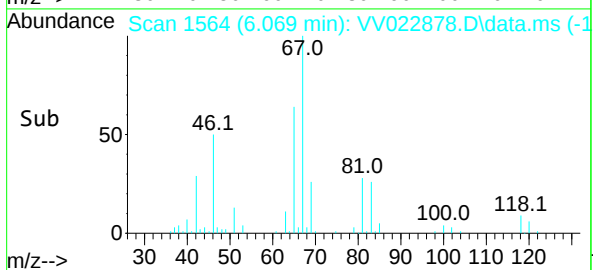
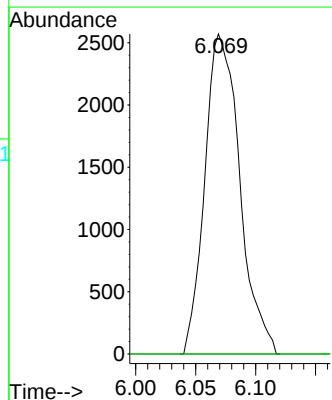
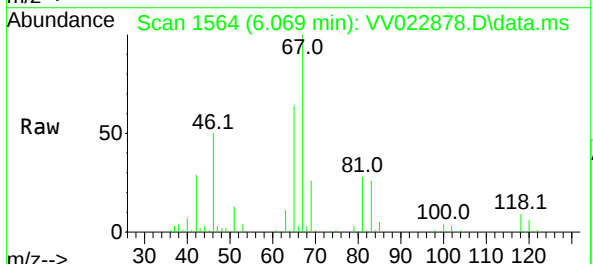
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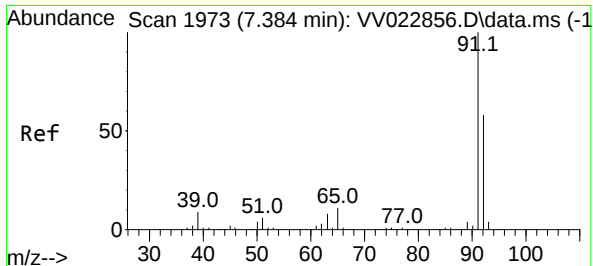
Tgt Ion: 83 Resp: 11945
Ion Ratio Lower Upper
83 100
55 0.3 63.8 95.6#
98 1.0 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.792 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 63 Resp: 5208
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

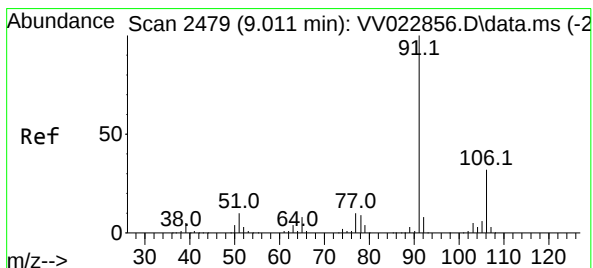
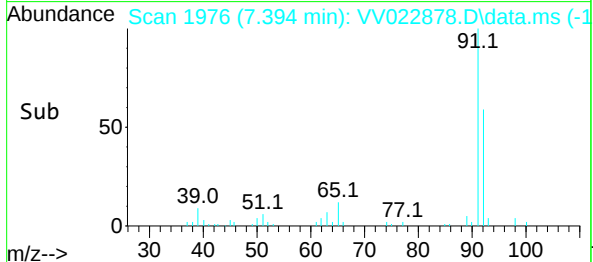
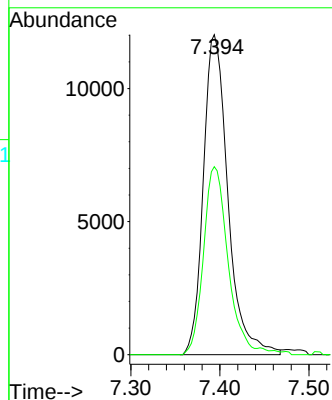
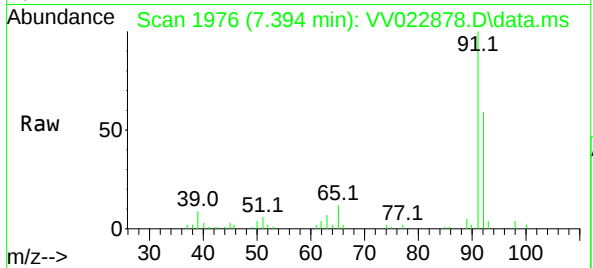




#42
Toluene
Concen: 0.830 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

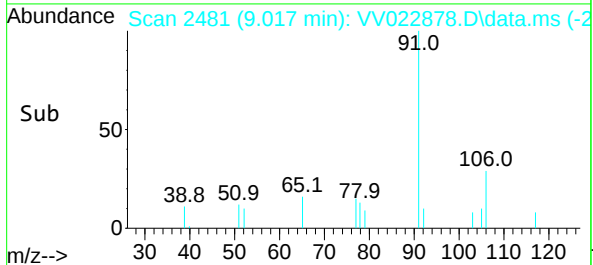
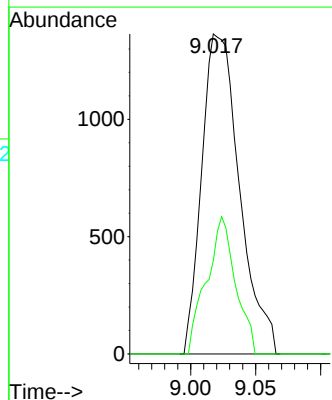
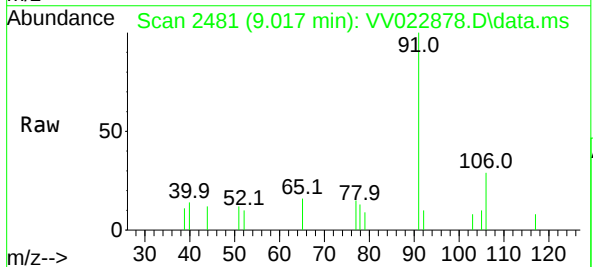
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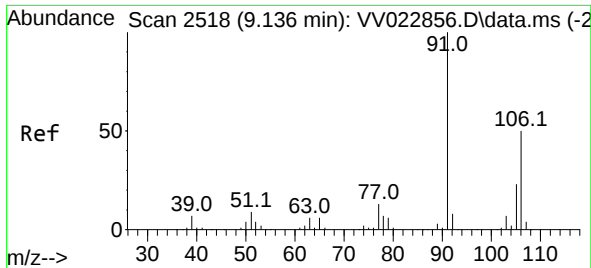
Tgt Ion: 91 Resp: 23049
Ion Ratio Lower Upper
91 100
92 58.8 40.7 75.7



#52
Ethylbenzene
Concen: 0.098 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 91 Resp: 2761
Ion Ratio Lower Upper
91 100
106 29.2 21.6 40.2

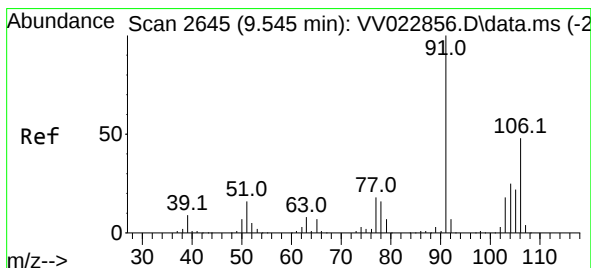
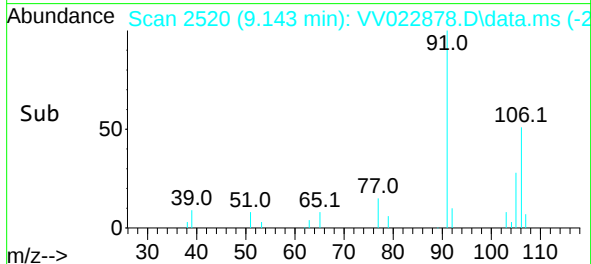
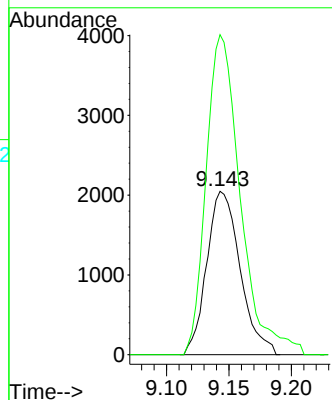
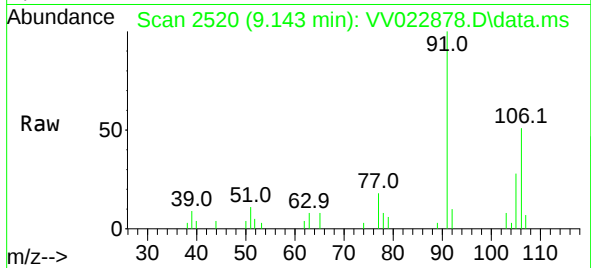




#53
m,p-xylene
Concen: 0.345 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

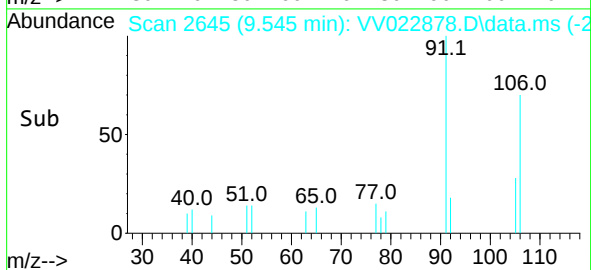
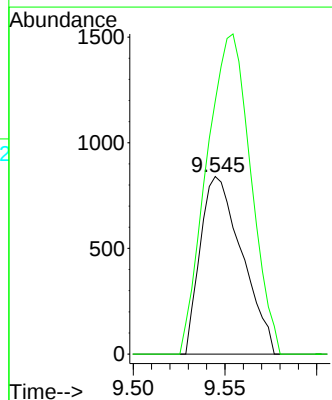
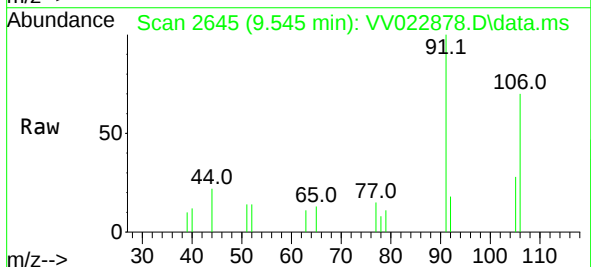
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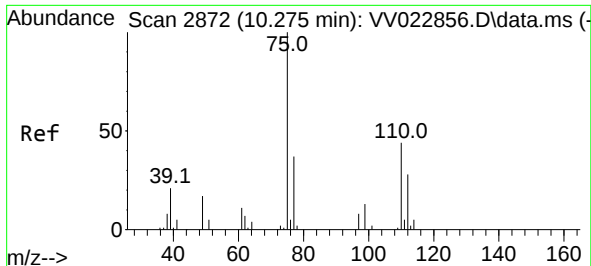
Tgt Ion:106 Resp: 3822
Ion Ratio Lower Upper
106 100
91 195.8 138.7 257.5



#54
o-xylene
Concen: 0.127 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion:106 Resp: 1325
Ion Ratio Lower Upper
106 100
91 142.5 151.1 280.7#

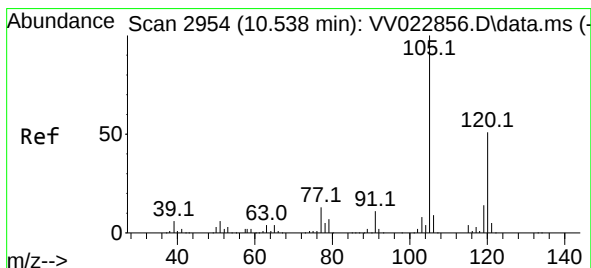
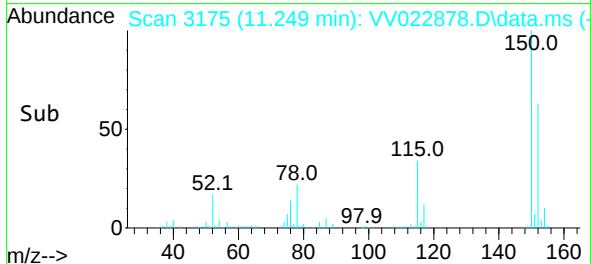
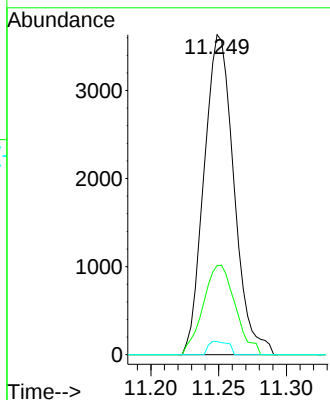
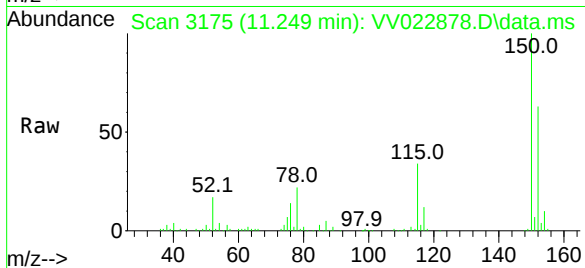




#61
1,2,3-Trichloropropane
Concen: 1.563 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

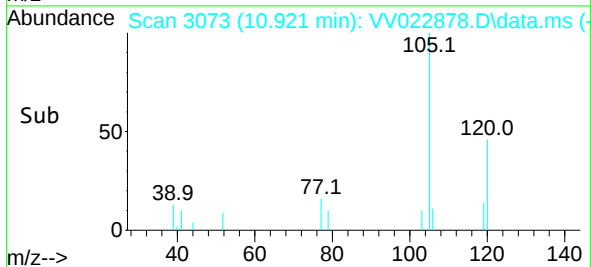
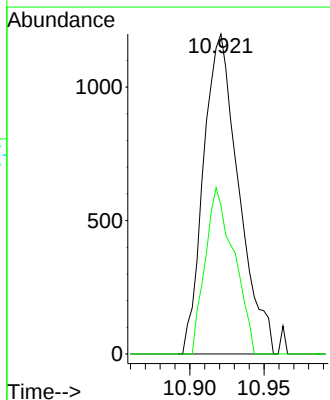
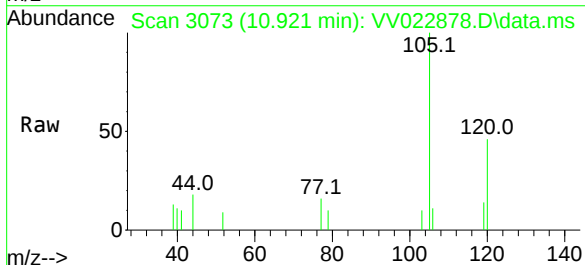
Instrument :
MSVOA_V
ClientSampleId :
BFGES

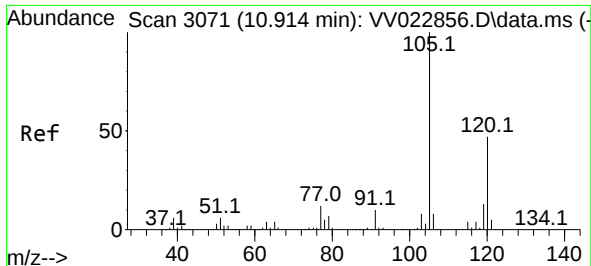
Tgt Ion: 75 Resp: 5575
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.2
110 2.8 34.2 51.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.094 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.383 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion: 105 Resp: 1971
Ion Ratio Lower Upper
105 100
120 42.5 39.4 59.2

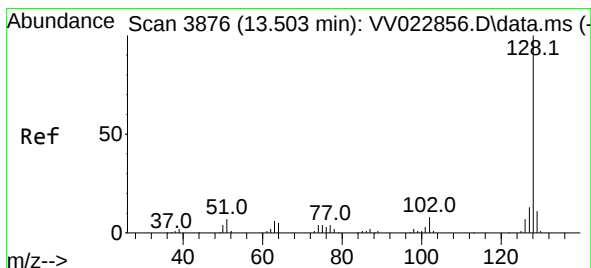
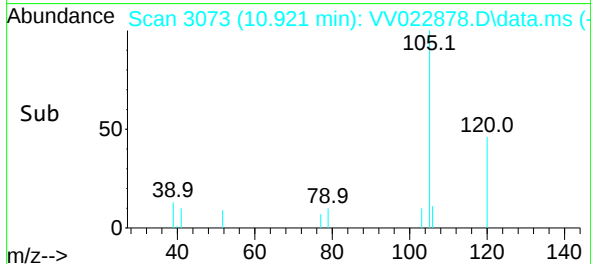
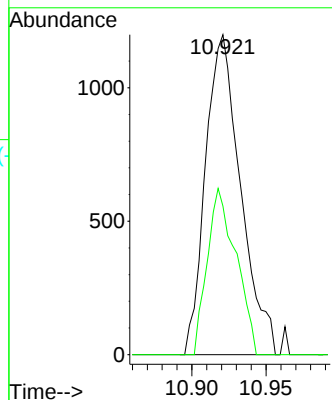
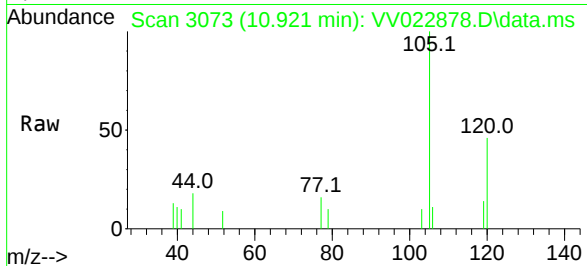




#63
1,2,4-Trimethylbenzene
Concen: 0.093 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Instrument :
MSVOA_V
ClientSampleId :
BFGES

Tgt Ion:105 Resp: 1971
Ion Ratio Lower Upper
105 100
120 42.5 37.3 55.9



#71
Naphthalene
Concen: 0.124 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV022878.D
Acq: 18 Oct 2021 19:51

Tgt Ion:128 Resp: 1551
Ion Ratio Lower Upper
128 100
129 3.3 9.3 13.9#
127 8.9 10.8 16.2#

