

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081721\
 Data File : VV021827.D
 Acq On : 17 Aug 2021 20:35
 Operator : SY/MD
 Sample : M3399-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 03:35:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

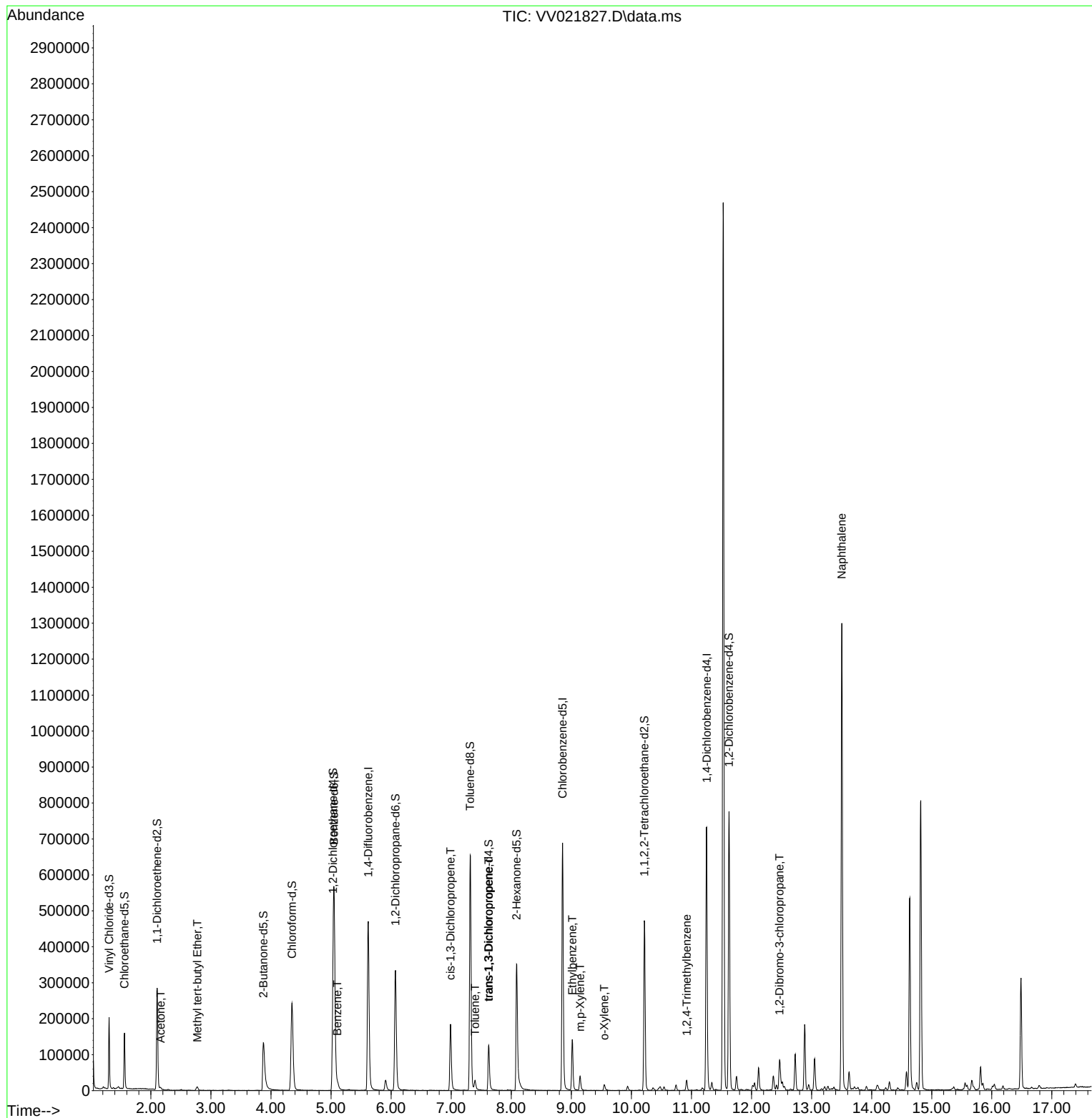
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	427281	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	398635	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	196811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	123030	36.832	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.660%		
7) Chloroethane-d5	1.561	69	101844	40.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.800%		
11) 1,1-Dichloroethene-d2	2.104	63	143400	26.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.940%#		
21) 2-Butanone-d5	3.873	46	213665	102.848	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.850%		
24) Chloroform-d	4.349	84	254756	44.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.040%		
26) 1,2-Dichloroethane-d4	5.034	65	159192	47.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.640%		
32) Benzene-d6	5.050	84	509884	44.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.960%		
36) 1,2-Dichloropropane-d6	6.072	67	170759	47.834	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.660%		
41) Toluene-d8	7.316	98	444159	41.920	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.840%		
43) trans-1,3-Dichloroprop...	7.625	79	75942	43.226	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.460%		
47) 2-Hexanone-d5	8.088	63	125712	107.446	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.450%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	230281	52.055	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.120%		
66) 1,2-Dichlorobenzene-d4	11.625	152	204988	50.328	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.660%		
Target Compounds					Qvalue	
13) Acetone	2.162	43	5940	3.475	ug/L #	100
18) Methyl tert-butyl Ether	2.773	73	9939	1.090	ug/L	96
33) Benzene	5.104	78	19016	1.550	ug/L	100
39) cis-1,3-Dichloropropene	6.989	75	4259	0.866	ug/L #	52
42) Toluene	7.397	91	20108	1.535	ug/L	90
44) trans-1,3-Dichloropropene	7.622	75	3277	0.707	ug/L	88
52) Ethylbenzene	9.014	91	103891	7.433	ug/L	99
53) m,p-Xylene	9.146	106	12116	2.237	ug/L	99
54) o-Xylene	9.551	106	4933	0.919	ug/L	93
63) 1,2,4-Trimethylbenzene	10.921	105	15708	1.395	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.467	75	1920	2.171	ug/L #	1
71) Naphthalene	13.503	128	1000674	88.681	ug/L	99

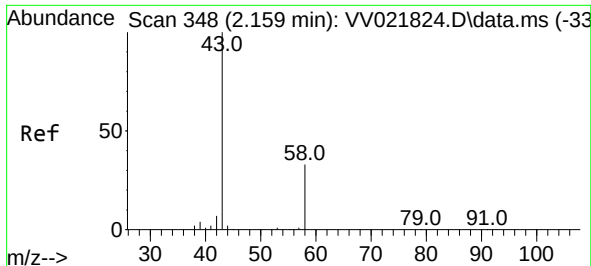
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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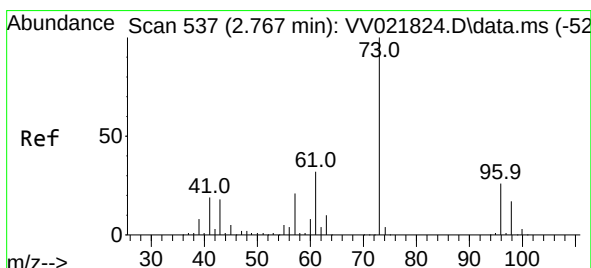
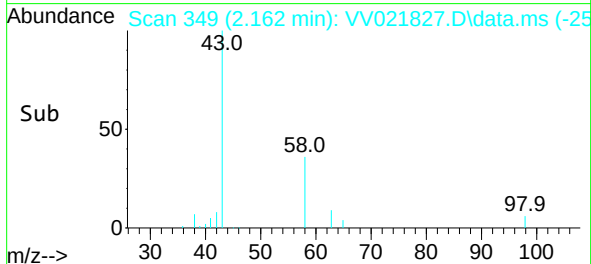
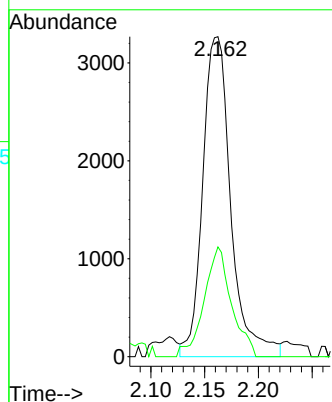
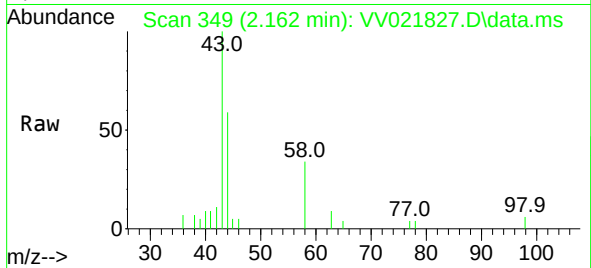




#13
Acetone
Concen: 3.475 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.003 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

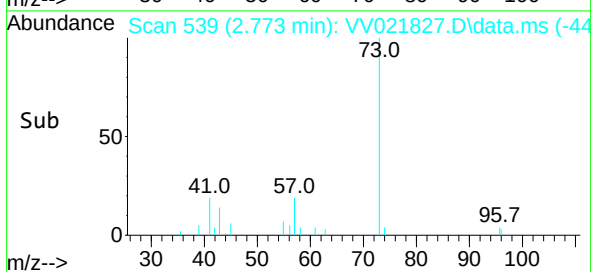
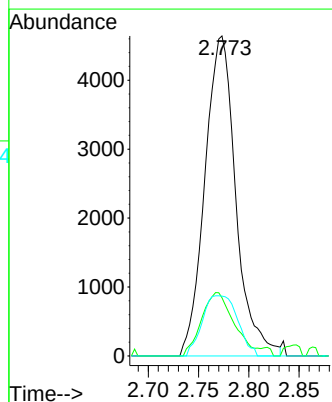
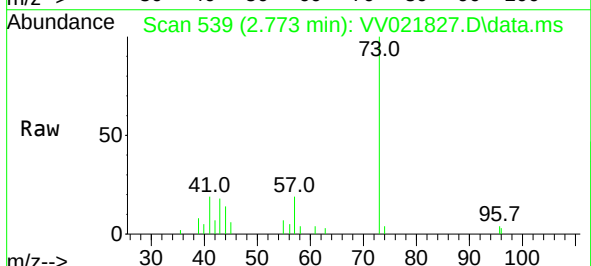
Instrument :
MSVOA_V
ClientSampleId :

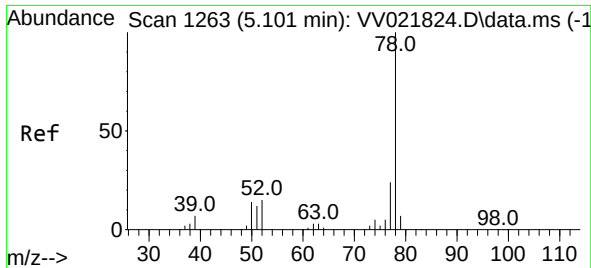
Tgt Ion: 43 Resp: 5940
Ion Ratio Lower Upper
43 100
58 32.3 0.0 0.0#



#18
Methyl tert-butyl Ether
Concen: 1.090 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 73 Resp: 9939
Ion Ratio Lower Upper
73 100
43 21.0 14.2 21.4
57 21.4 17.7 26.5

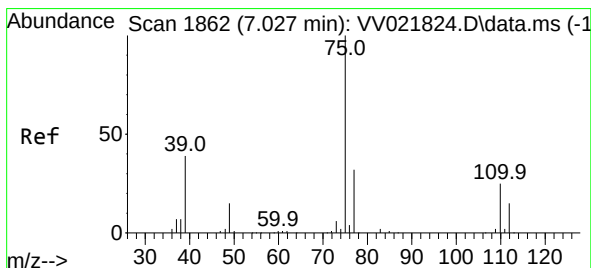
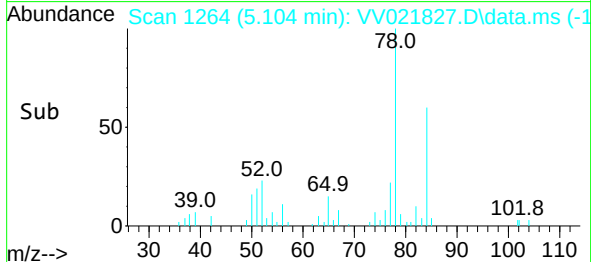
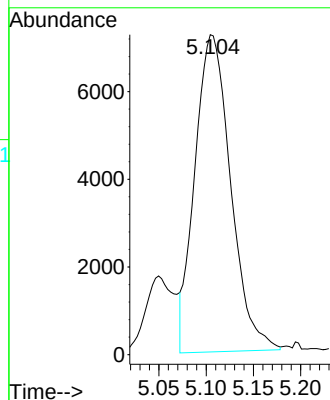
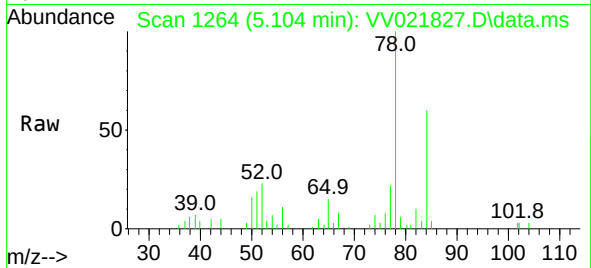




#33
Benzene
Concen: 1.550 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

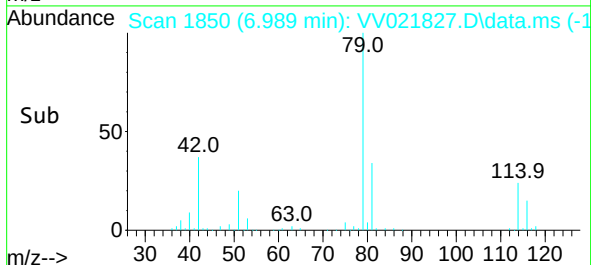
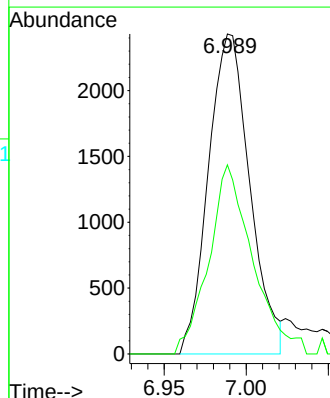
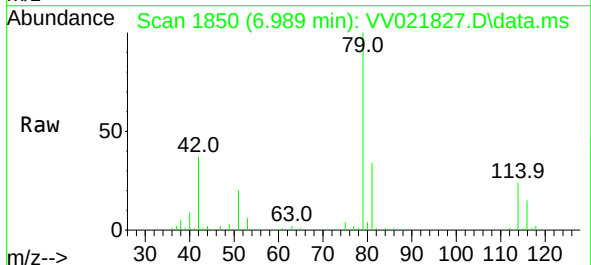
Instrument :
MSVOA_V
ClientSampled :

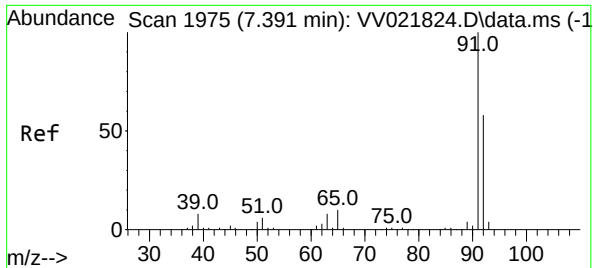
Tgt Ion: 78 Resp: 19016



#39
cis-1,3-Dichloropropene
Concen: 0.866 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 75 Resp: 4259
Ion Ratio Lower Upper
75 100
77 59.1 22.5 41.9#

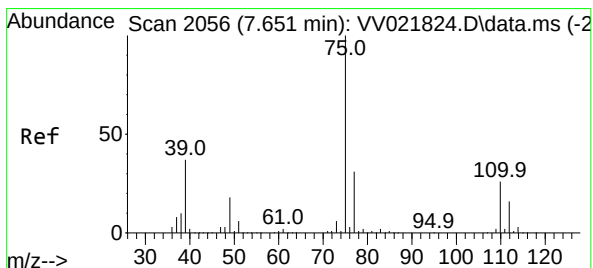
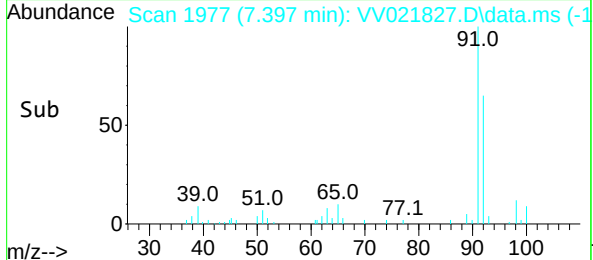
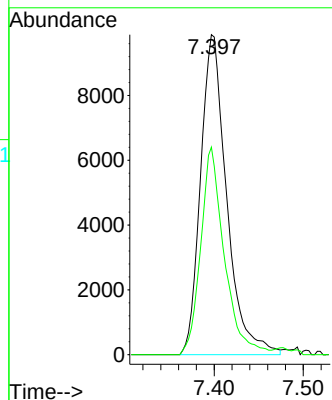
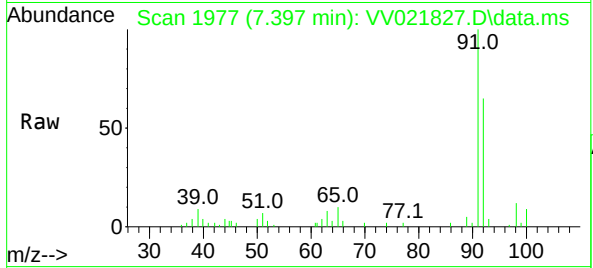




#42
Toluene
Concen: 1.535 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

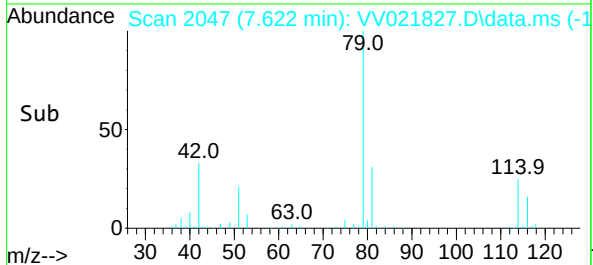
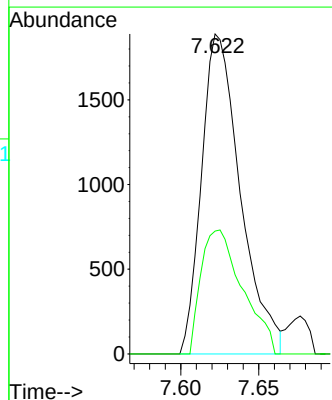
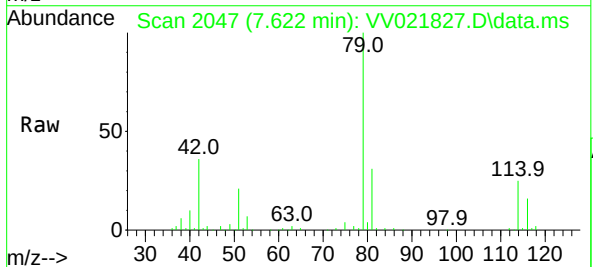
Instrument :
MSVOA_V
ClientSampled :

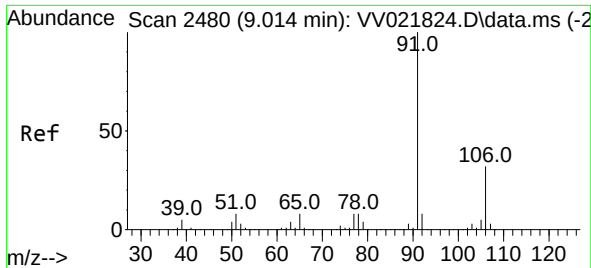
Tgt Ion: 91 Resp: 20108
Ion Ratio Lower Upper
91 100
92 64.8 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 0.707 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 75 Resp: 3277
Ion Ratio Lower Upper
75 100
77 38.4 22.2 41.2

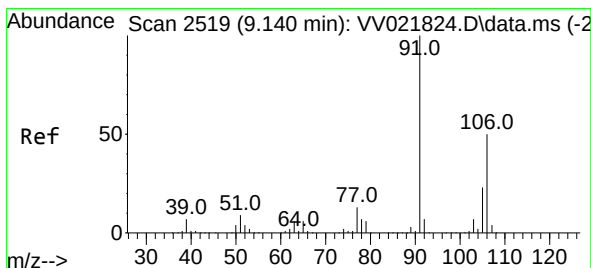
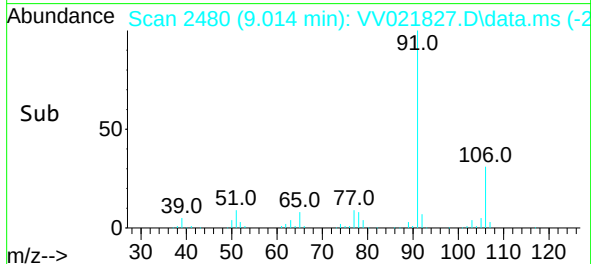
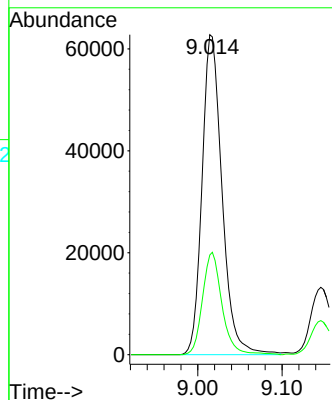
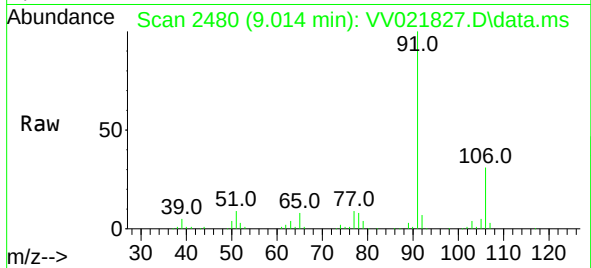




#52
Ethylbenzene
Concen: 7.433 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

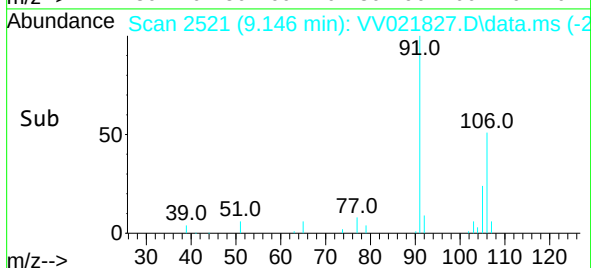
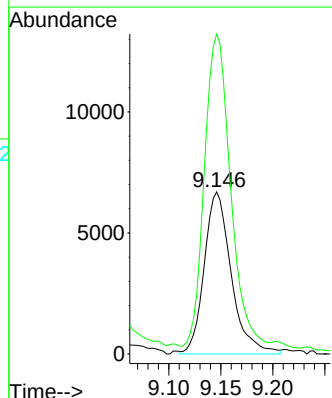
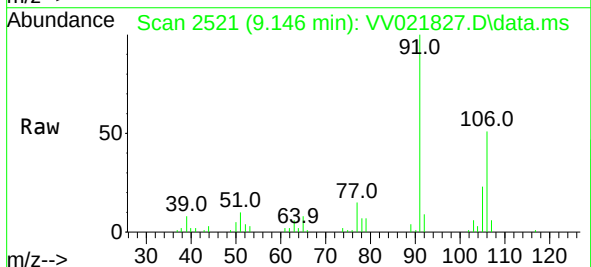
Instrument :
MSVOA_V
ClientSampled :

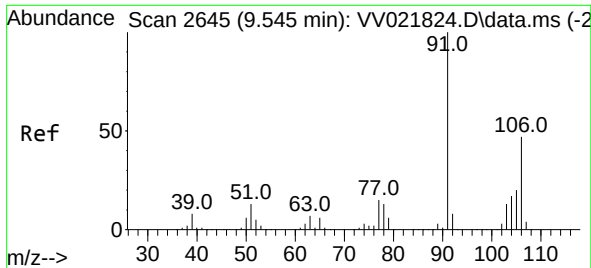
Tgt Ion: 91 Resp: 103891
Ion Ratio Lower Upper
91 100
106 31.2 22.2 41.2



#53
m,p-Xylene
Concen: 2.237 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 106 Resp: 12116
Ion Ratio Lower Upper
106 100
91 197.5 139.2 258.6

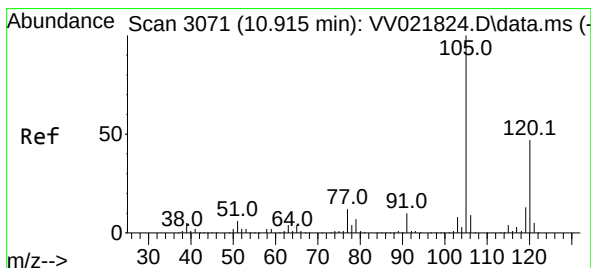
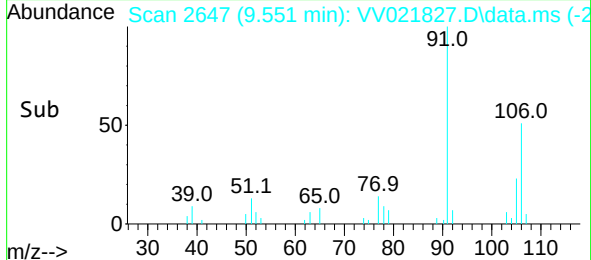
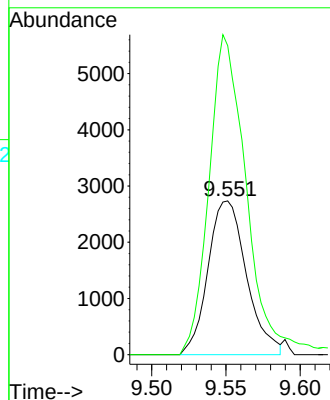
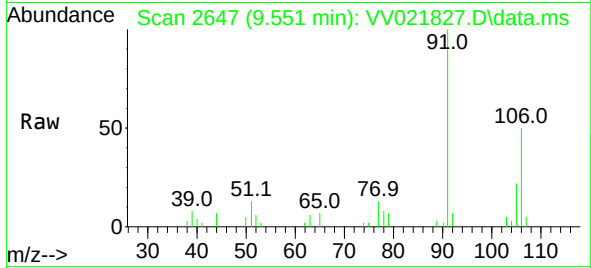




#54
o-Xylene
Concen: 0.919 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.006 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

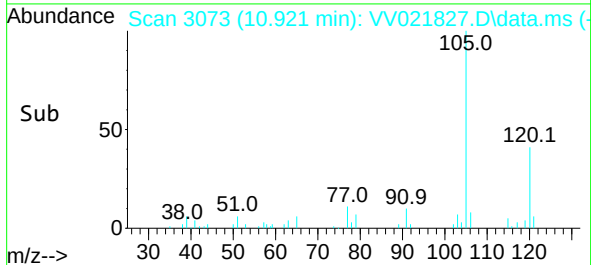
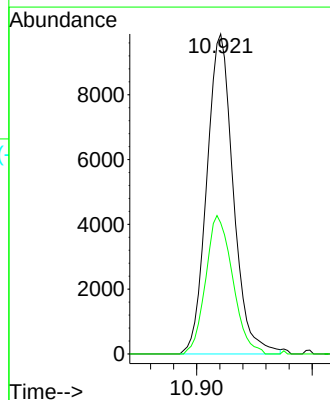
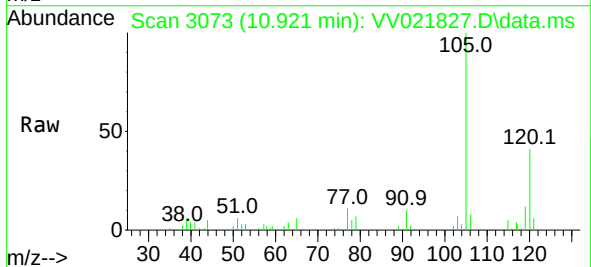
Instrument :
MSVOA_V
ClientSampled :

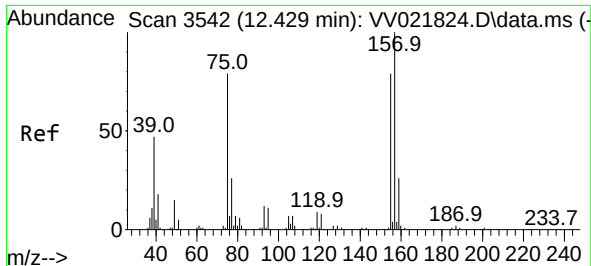
Tgt Ion:106 Resp: 4933
Ion Ratio Lower Upper
106 100
91 201.0 148.1 275.0



#63
1,2,4-Trimethylbenzene
Concen: 1.395 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion:105 Resp: 15708
Ion Ratio Lower Upper
105 100
120 44.1 37.3 55.9

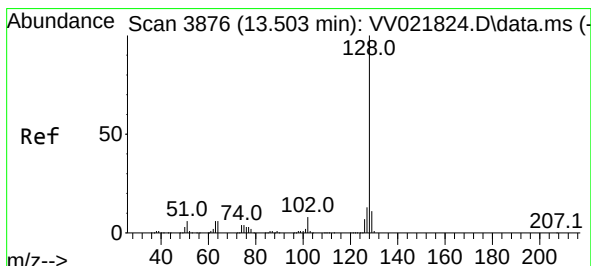
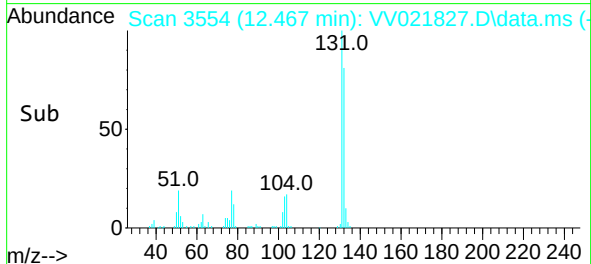
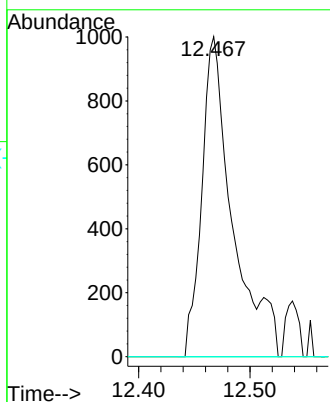
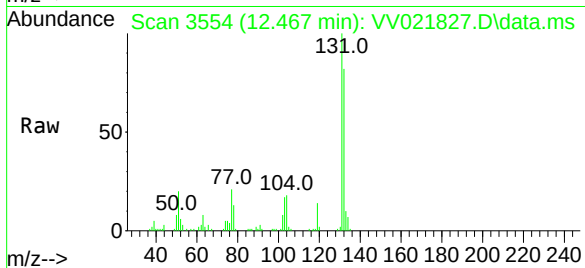




#68
1,2-Dibromo-3-chloropropane
Concen: 2.171 ug/L
RT: 12.467 min Scan# 3554
Delta R.T. 0.038 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 1920
Ion Ratio Lower Upper
75 100
155 0.0 77.8 116.8#
157 0.0 99.4 149.0#



#71
Naphthalene
Concen: 88.681 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021827.D
Acq: 17 Aug 2021 20:35

Tgt Ion: 128 Resp: 1000674
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.9 8.5 12.7

