

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052019.D
 Acq On : 22 Nov 2022 01:26
 Operator : JC/MD
 Sample : N5737-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 02:08:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

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

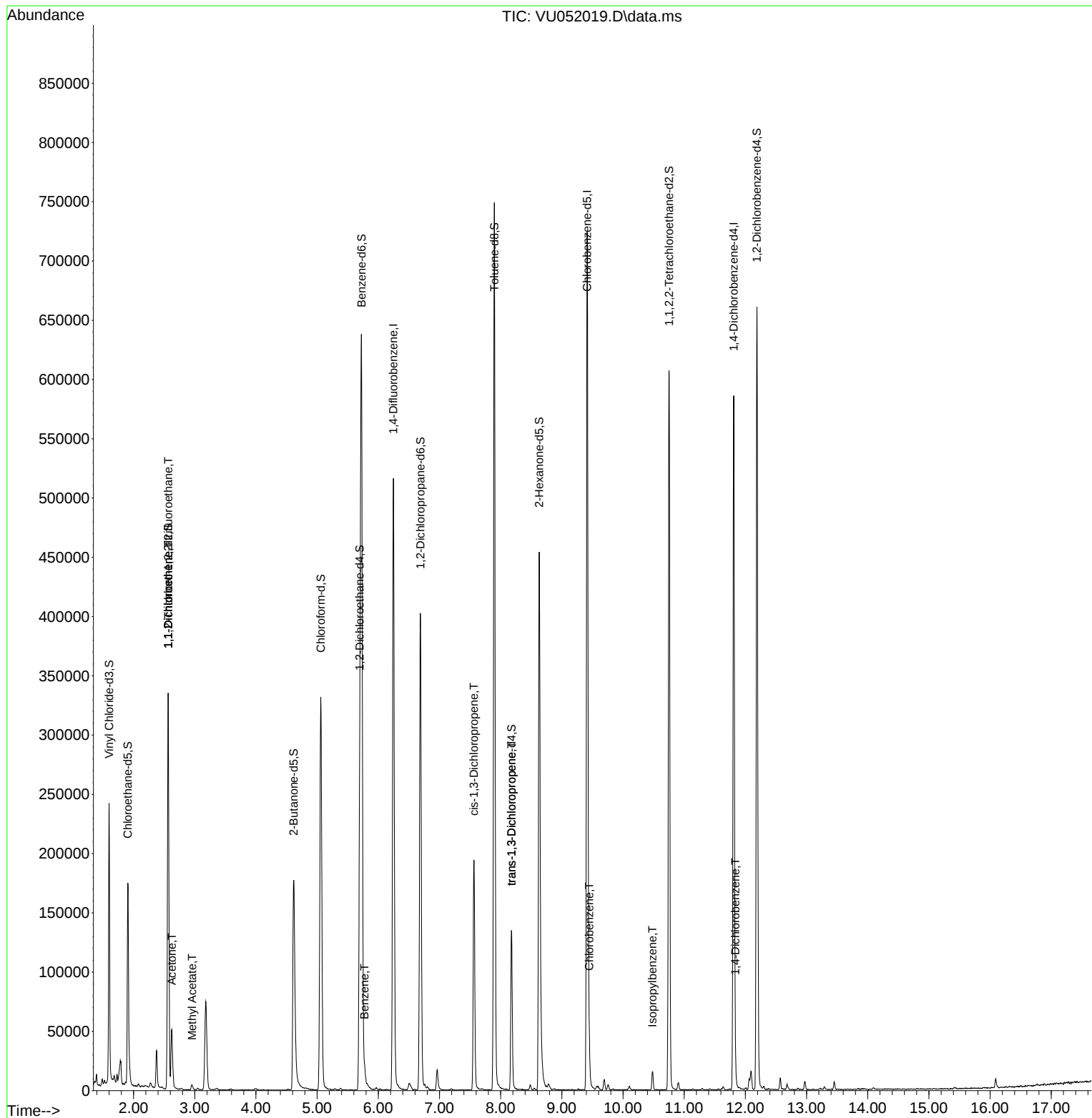
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	425395	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	419350	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	163030	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	167329	45.392	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.780%			
7) Chloroethane-d5	1.906	69	146447	50.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.320%			
11) 1,1-Dichloroethene-d2	2.565	63	199547	36.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.040%			
21) 2-Butanone-d5	4.617	46	230452	104.031	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.030%			
24) Chloroform-d	5.060	84	296401	49.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.140%			
26) 1,2-Dichloroethane-d4	5.697	65	187501	51.616	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.240%			
32) Benzene-d6	5.726	84	620284	49.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.240%			
36) 1,2-Dichloropropane-d6	6.687	67	202648	50.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.940%			
41) Toluene-d8	7.896	98	509884	45.657	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.320%			
43) trans-1,3-Dichloroprop...	8.176	79	79409	46.454	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.900%			
47) 2-Hexanone-d5	8.629	63	156367	99.823	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.820%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	314715	49.539	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.080%			
66) 1,2-Dichlorobenzene-d4	12.189	152	181390	53.803	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.600%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1924	0.746	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1830	0.743	ug/L #	1
13) Acetone	2.623	43	51437	25.418	ug/L	98
15) Methyl Acetate	2.954	43	5608	1.736	ug/L	95
33) Benzene	5.774	78	14007	1.127	ug/L	100
39) cis-1,3-Dichloropropene	7.562	75	4922	1.049	ug/L #	56
44) trans-1,3-Dichloropropene	8.176	75	3070	0.699	ug/L	88
51) Chlorobenzene	9.446	112	20918	2.477	ug/L	99
61) Isopropylbenzene	10.481	105	10759	1.082	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	6581	1.339	ug/L	97

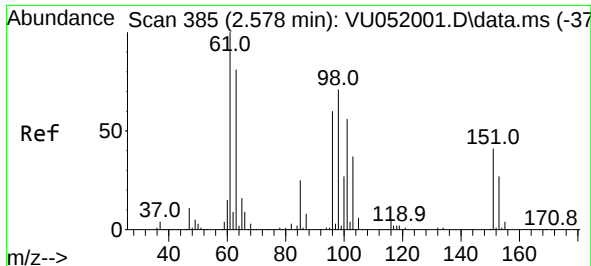
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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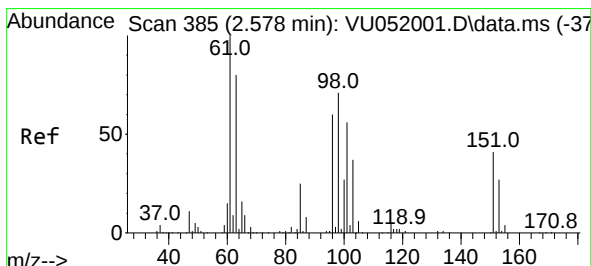
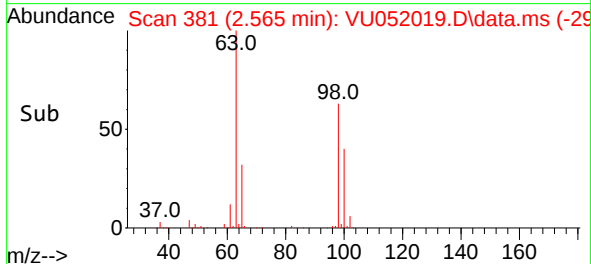
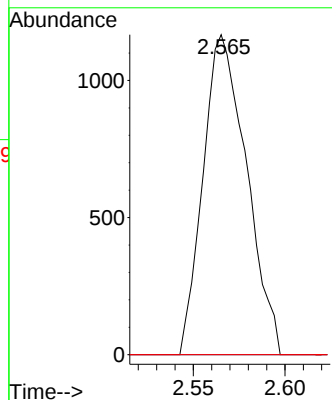
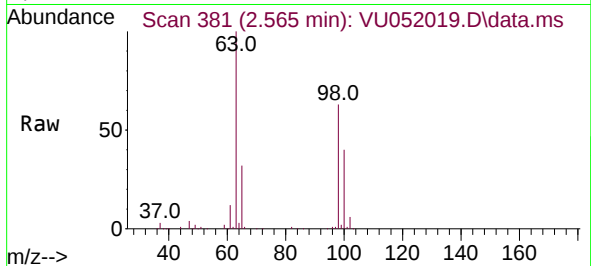




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.746 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU052019.D
 Acq: 22 Nov 2022 01:26

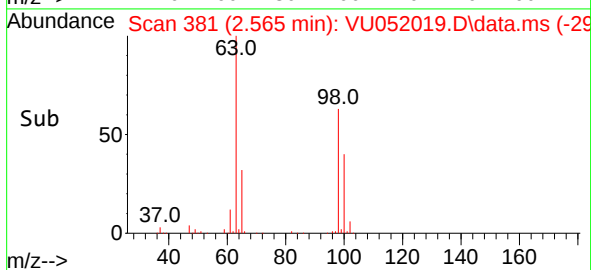
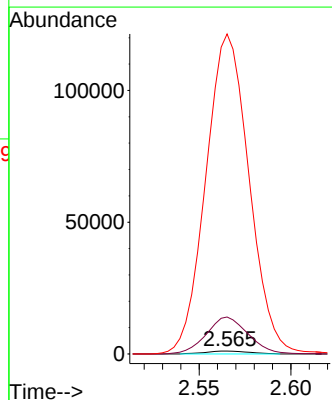
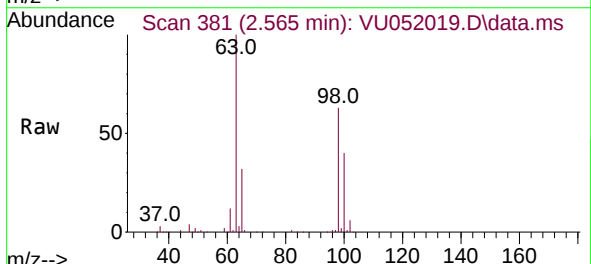
Instrument :
 MSVOA_U
 ClientSampleId :

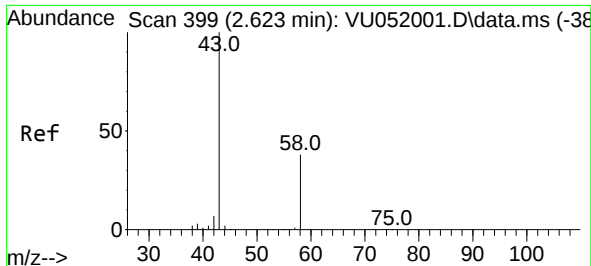
Tgt Ion:101 Resp: 1924
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.6 50.4#
 151 0.0 58.9 88.3#



#12
 1,1-Dichloroethene
 Concen: 0.743 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU052019.D
 Acq: 22 Nov 2022 01:26

Tgt Ion: 96 Resp: 1830
 Ion Ratio Lower Upper
 96 100
 61 1255.4 114.2 212.0#
 63 10861.5 90.9 168.7#





#13

Acetone

Concen: 25.418 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU052019.D

Acq: 22 Nov 2022 01:26

Instrument :

MSVOA_U

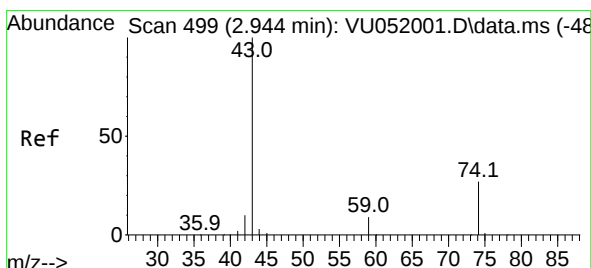
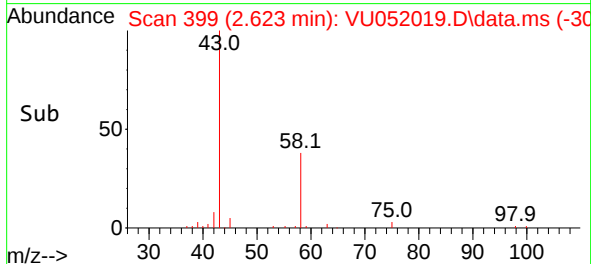
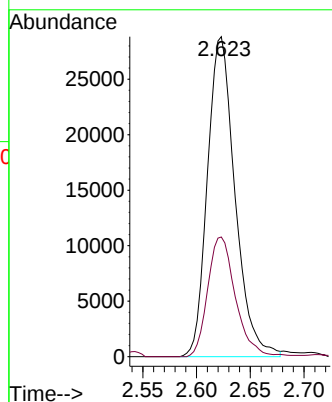
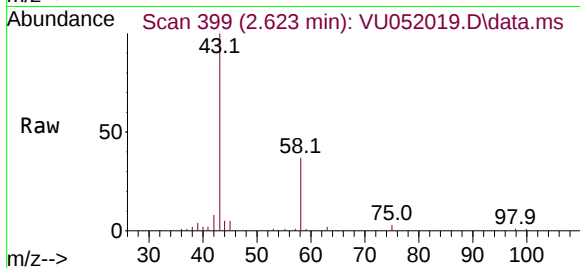
ClientSampleId :

Tgt Ion: 43 Resp: 51437

Ion Ratio Lower Upper

43 100

58 37.3 0.0 76.6



#15

Methyl Acetate

Concen: 1.736 ug/L

RT: 2.954 min Scan# 502

Delta R.T. 0.010 min

Lab File: VU052019.D

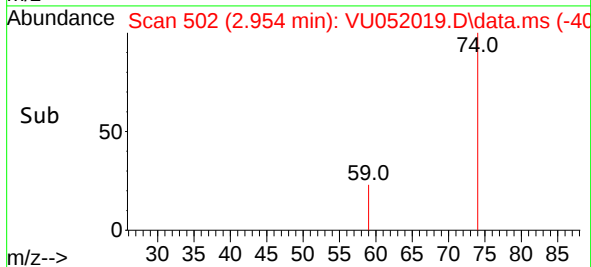
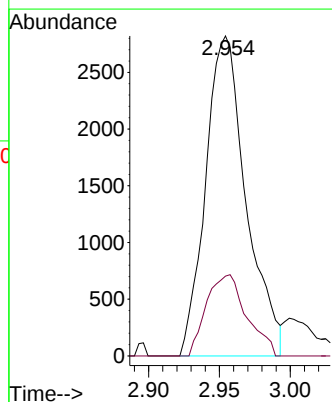
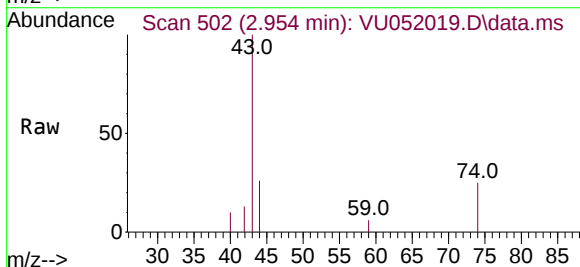
Acq: 22 Nov 2022 01:26

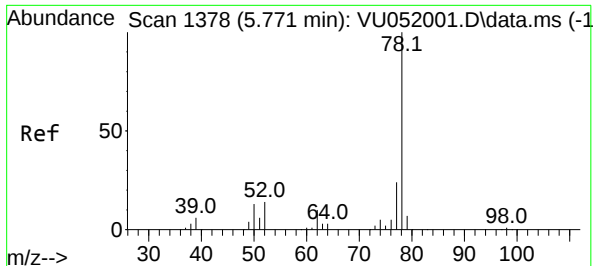
Tgt Ion: 43 Resp: 5608

Ion Ratio Lower Upper

43 100

74 25.2 22.2 33.4

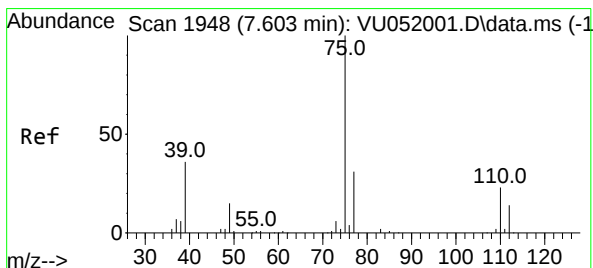
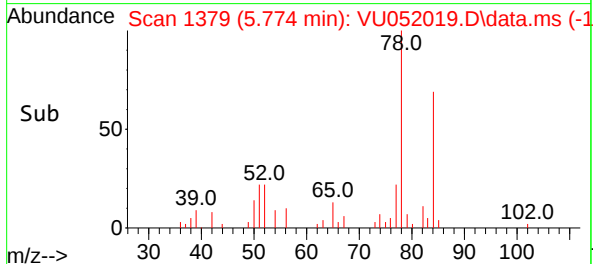
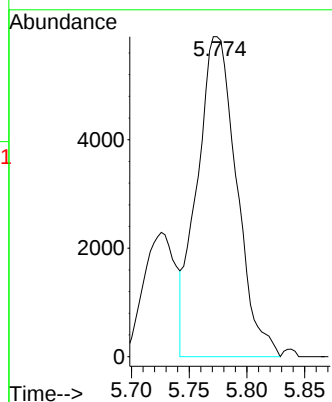
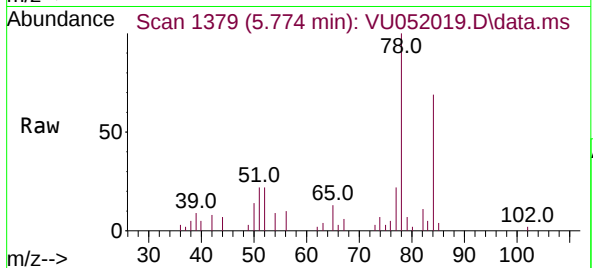




#33
Benzene
Concen: 1.127 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052019.D
Acq: 22 Nov 2022 01:26

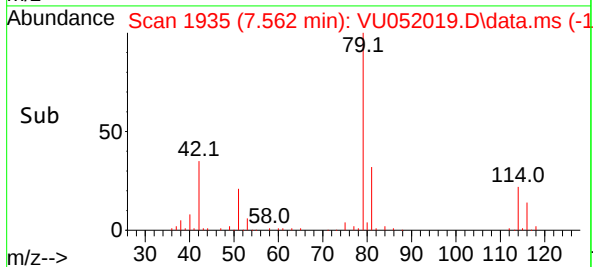
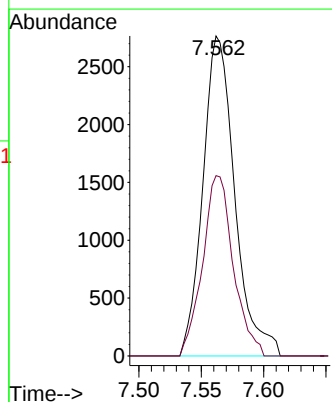
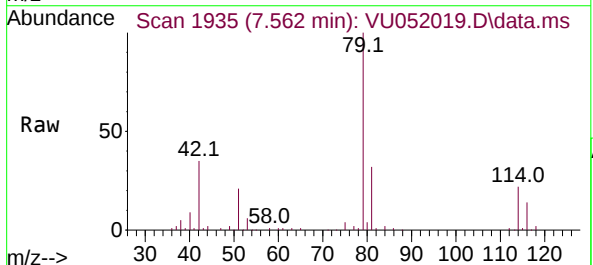
Instrument :
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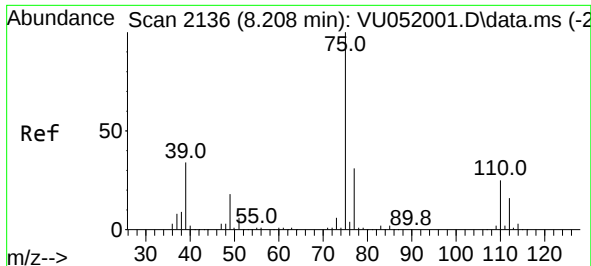
Tgt Ion: 78 Resp: 14007



#39
cis-1,3-Dichloropropene
Concen: 1.049 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU052019.D
Acq: 22 Nov 2022 01:26

Tgt Ion: 75 Resp: 4922
Ion Ratio Lower Upper
75 100
77 56.4 22.3 41.3#

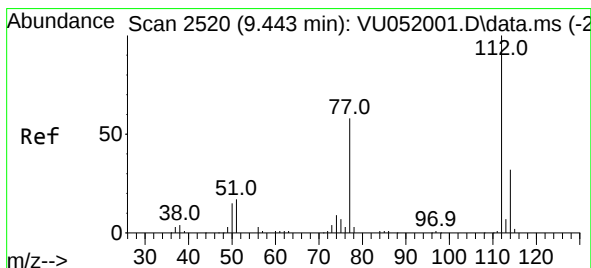
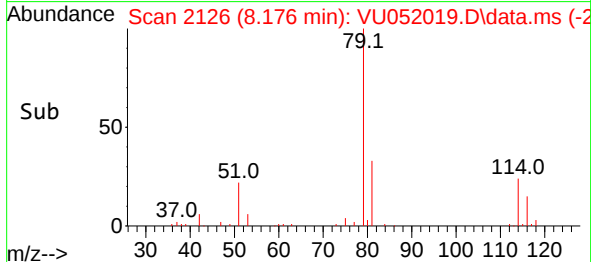
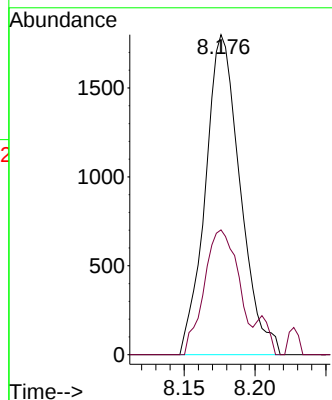
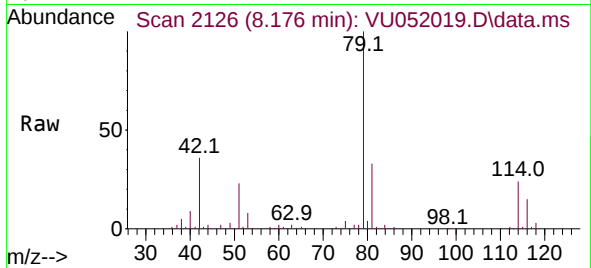




#44
trans-1,3-Dichloropropene
Concen: 0.699 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU052019.D
Acq: 22 Nov 2022 01:26

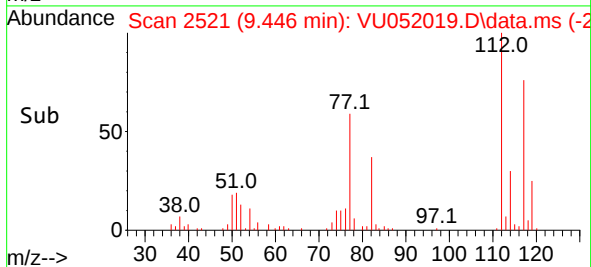
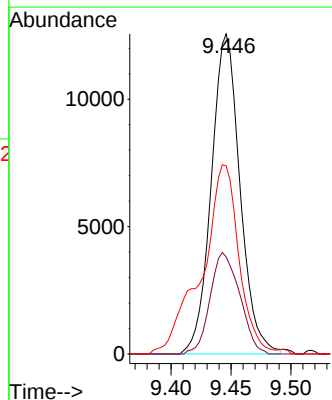
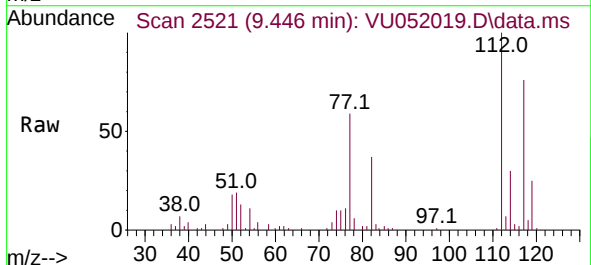
Instrument :
MSVOA_U
ClientSampleId :

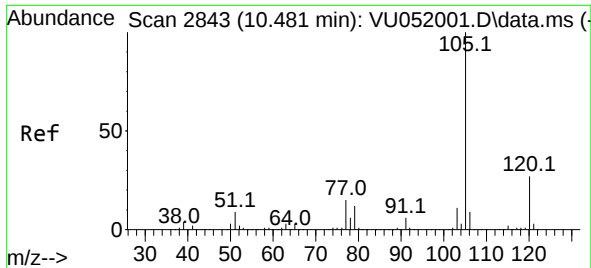
Tgt Ion: 75 Resp: 3070
Ion Ratio Lower Upper
75 100
77 39.0 22.7 42.1



#51
Chlorobenzene
Concen: 2.477 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU052019.D
Acq: 22 Nov 2022 01:26

Tgt Ion: 112 Resp: 20918
Ion Ratio Lower Upper
112 100
114 30.3 22.2 41.2
77 58.8 46.5 69.7

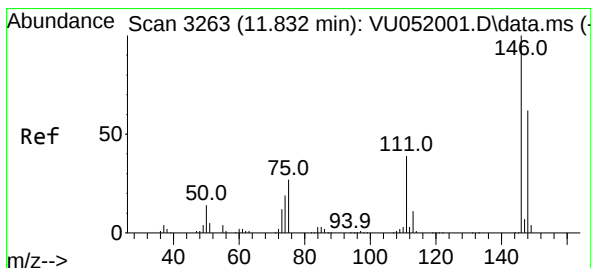
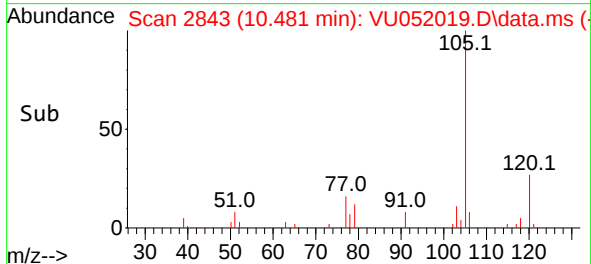
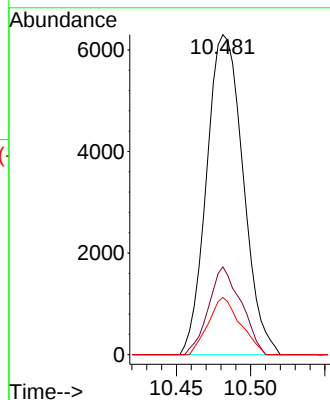
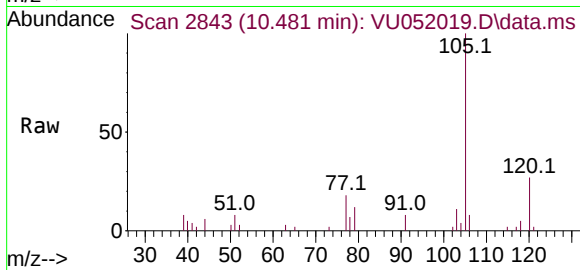




#61
Isopropylbenzene
Concen: 1.082 ug/L
RT: 10.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052019.D
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Tgt Ion:105	Resp:	10759
Ion Ratio	Lower	Upper
105	100	
120	24.5	21.1 31.7
77	15.7	12.4 18.6



#65
1,4-Dichlorobenzene
Concen: 1.339 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU052019.D
Acq: 22 Nov 2022 01:26

Tgt Ion:146	Resp:	6581
Ion Ratio	Lower	Upper
146	100	
111	36.7	27.6 51.2
148	62.1	44.8 83.2

