

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052017.D
 Acq On : 22 Nov 2022 00:33
 Operator : JC/MD
 Sample : N5737-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 01:08:05 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)

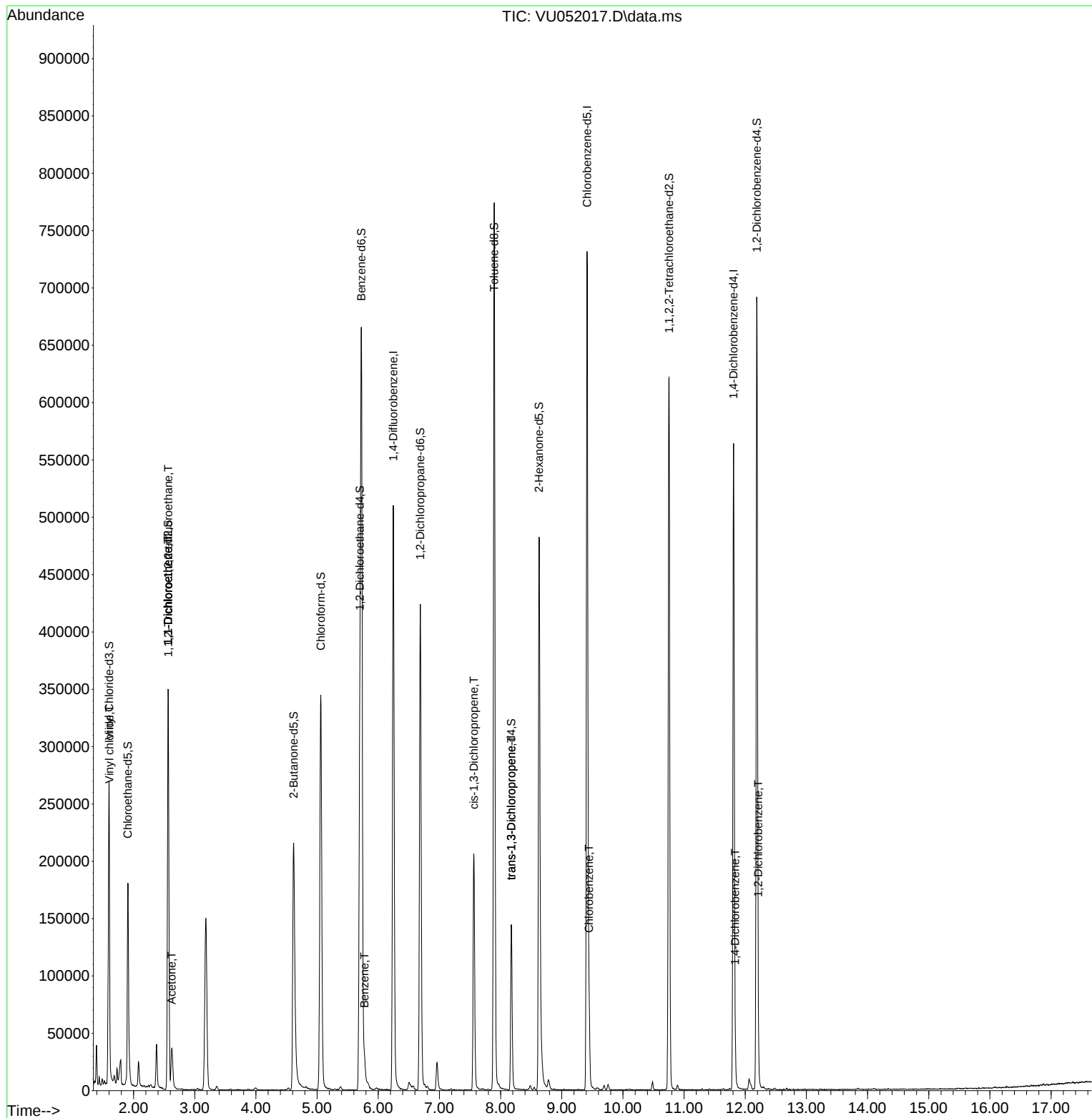
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	424487	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	417146	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	157688	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	178785	48.603	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.200%			
7) Chloroethane-d5	1.906	69	153933	52.839	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.680%			
11) 1,1-Dichloroethene-d2	2.565	63	211680	38.822	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.640%			
21) 2-Butanone-d5	4.616	46	247590	112.007	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.010%			
24) Chloroform-d	5.060	84	310224	51.473	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.940%			
26) 1,2-Dichloroethane-d4	5.700	65	197999	54.623	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.240%			
32) Benzene-d6	5.726	84	649009	52.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.400%			
36) 1,2-Dichloropropane-d6	6.687	67	215336	53.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.820%			
41) Toluene-d8	7.896	98	537070	48.345	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.680%			
43) trans-1,3-Dichloroprop...	8.176	79	83835	49.302	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.600%			
47) 2-Hexanone-d5	8.629	63	162279	104.144	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.140%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	327940	51.894	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.780%			
66) 1,2-Dichlorobenzene-d4	12.188	152	189043	57.973	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.940%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1590	0.474	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	2038	0.792	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1682	0.684	ug/L #	1
13) Acetone	2.623	43	34468	17.069	ug/L	97
33) Benzene	5.774	78	22353	1.809	ug/L	100
39) cis-1,3-Dichloropropene	7.562	75	5270	1.129	ug/L #	72
44) trans-1,3-Dichloropropene	8.176	75	3724	0.853	ug/L	88
51) Chlorobenzene	9.446	112	41913	4.988	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	11086	2.333	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	9023	1.846	ug/L	93

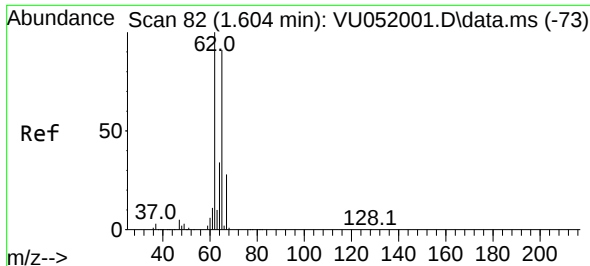
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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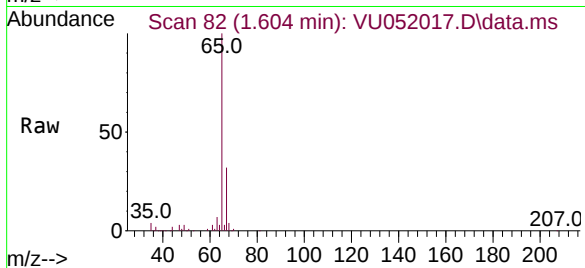
Quant Time: Nov 22 01:08:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 22 01:03:12 2022
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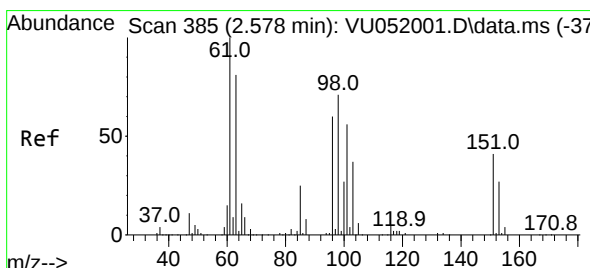
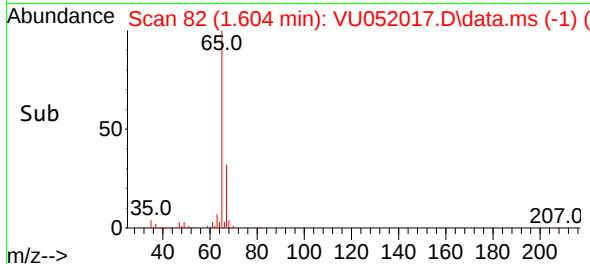
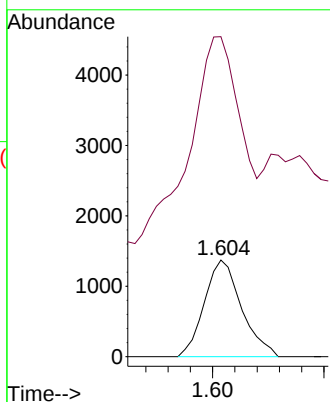


#5
 Vinyl chloride
 Concen: 0.474 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052017.D
 Acq: 22 Nov 2022 00:33

Instrument :
 MSVOA_U
 ClientSampleId :

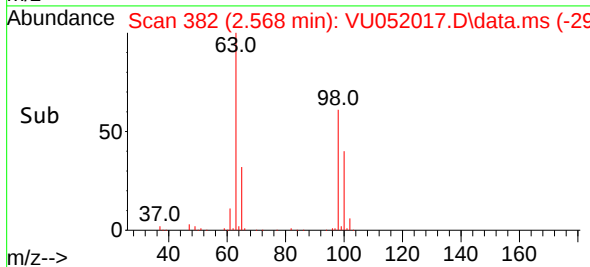
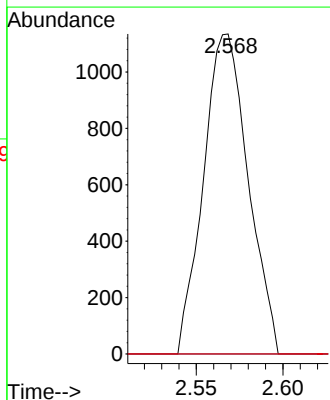
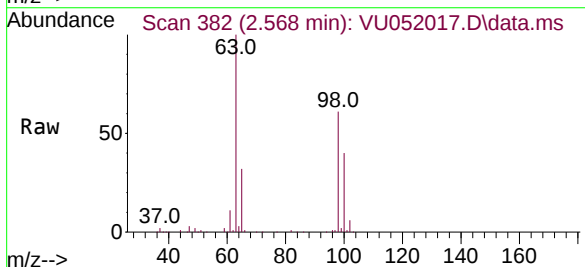


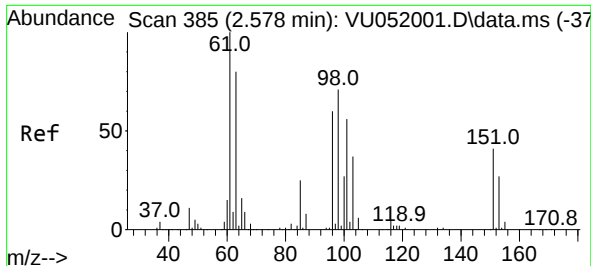
Tgt Ion: 62 Resp: 1590
 Ion Ratio Lower Upper
 62 100
 64 331.1 23.9 44.3#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.792 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU052017.D
 Acq: 22 Nov 2022 00:33

Tgt Ion: 101 Resp: 2038
 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: 0.684 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU052017.D

Acq: 22 Nov 2022 00:33

Instrument :

MSVOA_U

ClientSampleId :

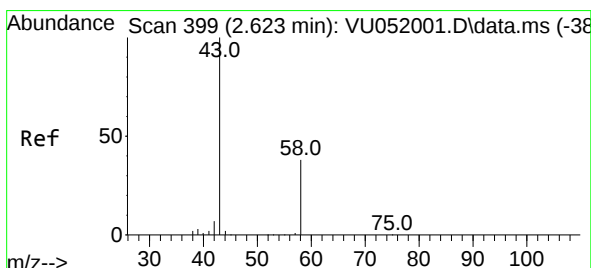
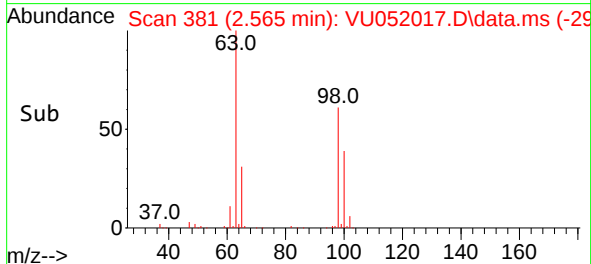
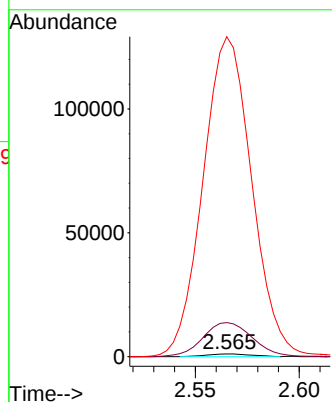
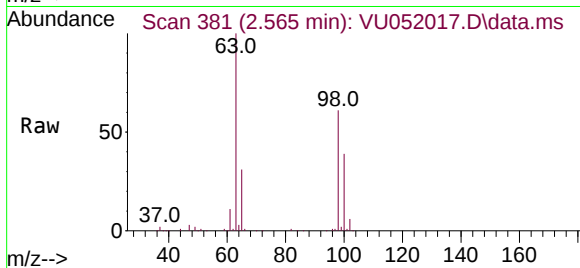
Tgt Ion: 96 Resp: 1682

Ion Ratio Lower Upper

96 100

61 1232.6 114.2 212.0#

63 11564.5 90.9 168.7#



#13

Acetone

Concen: 17.069 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU052017.D

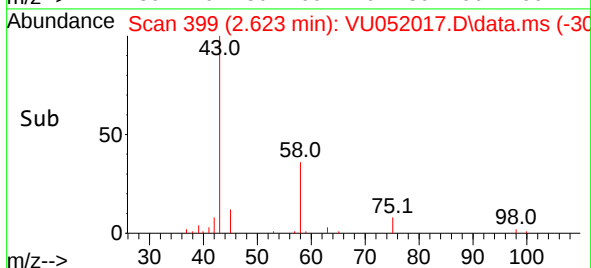
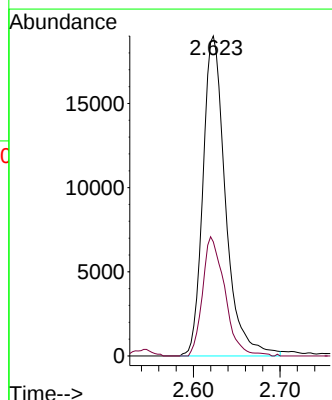
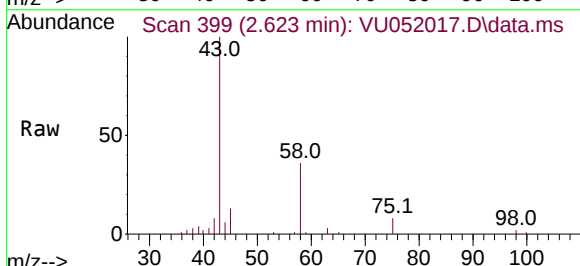
Acq: 22 Nov 2022 00:33

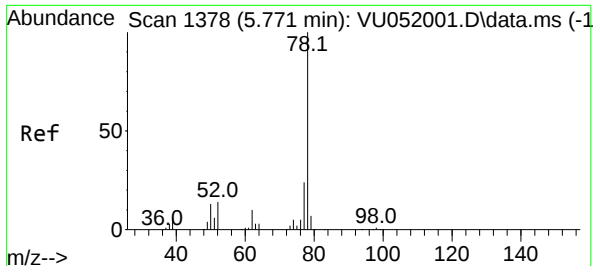
Tgt Ion: 43 Resp: 34468

Ion Ratio Lower Upper

43 100

58 36.7 0.0 76.6

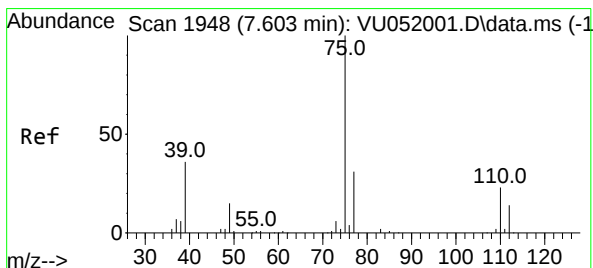
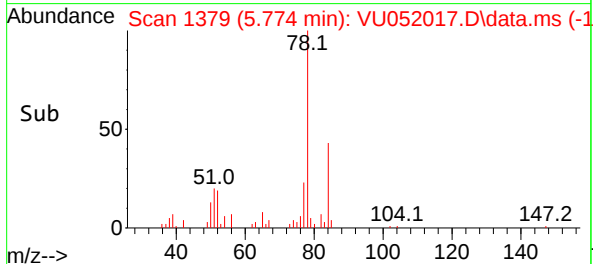
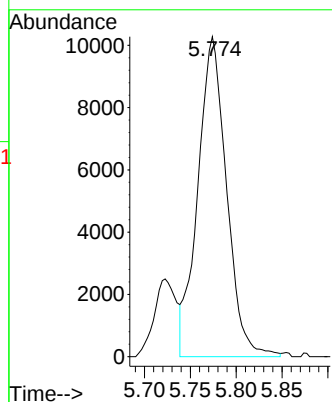
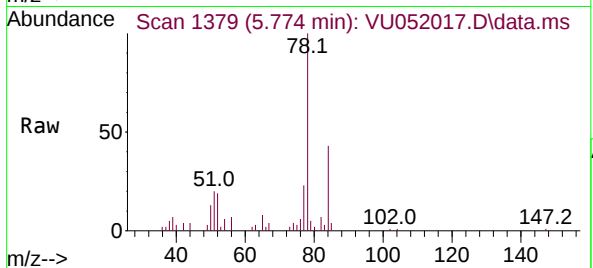




#33
Benzene
Concen: 1.809 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052017.D
Acq: 22 Nov 2022 00:33

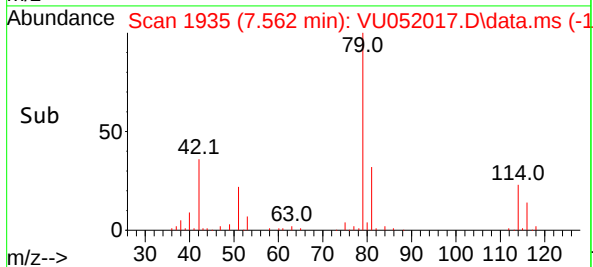
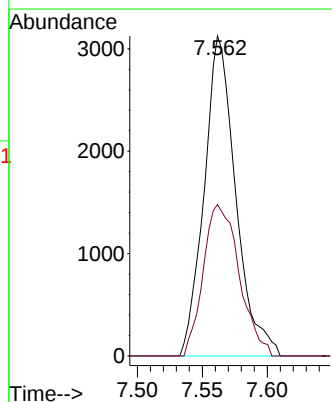
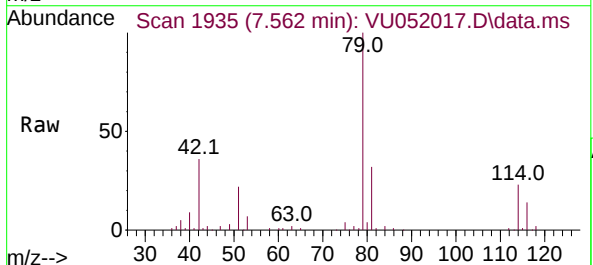
Instrument :
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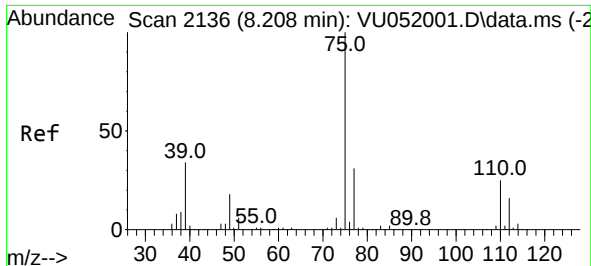
Tgt Ion: 78 Resp: 22353



#39
cis-1,3-Dichloropropene
Concen: 1.129 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU052017.D
Acq: 22 Nov 2022 00:33

Tgt Ion: 75 Resp: 5270
Ion Ratio Lower Upper
75 100
77 47.3 22.3 41.3#

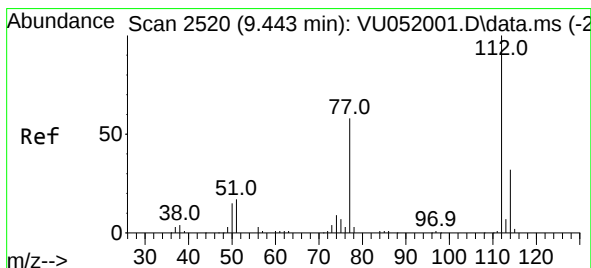
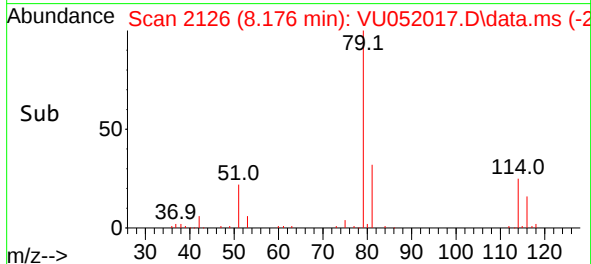
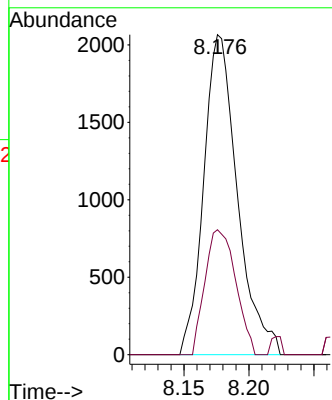
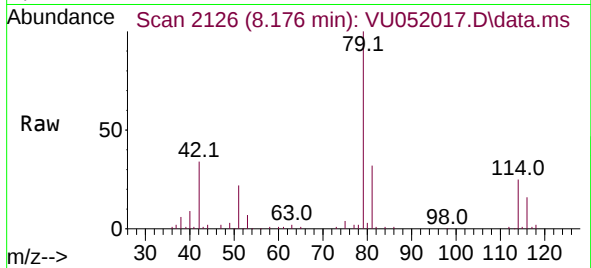




#44
trans-1,3-Dichloropropene
Concen: 0.853 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU052017.D
Acq: 22 Nov 2022 00:33

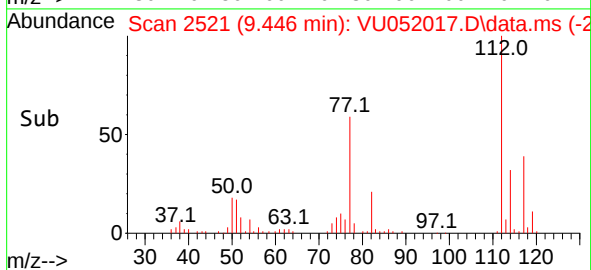
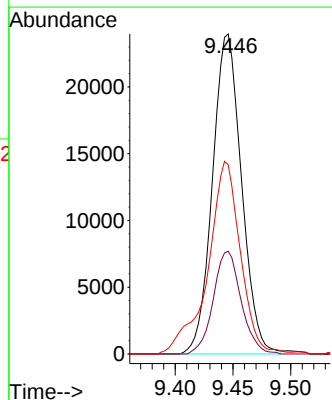
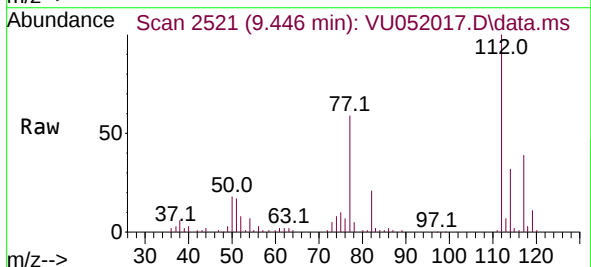
Instrument :
MSVOA_U
ClientSampleId :

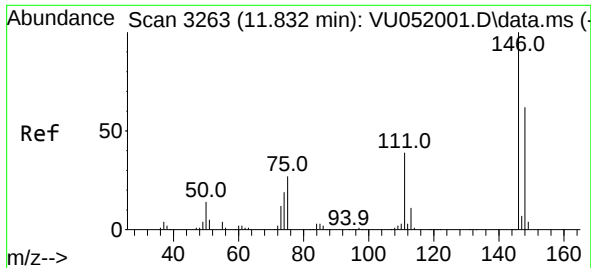
Tgt Ion: 75 Resp: 3724
Ion Ratio Lower Upper
75 100
77 39.1 22.7 42.1



#51
Chlorobenzene
Concen: 4.988 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU052017.D
Acq: 22 Nov 2022 00:33

Tgt Ion: 112 Resp: 41913
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 59.1 46.5 69.7

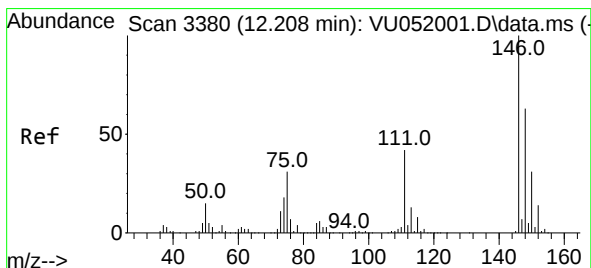
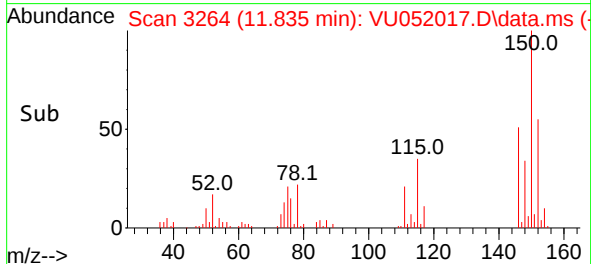
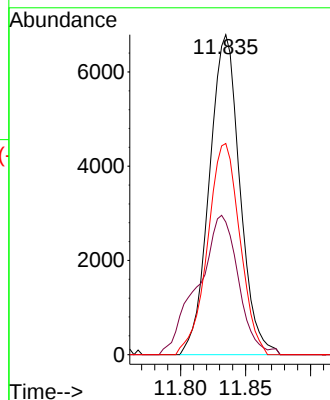
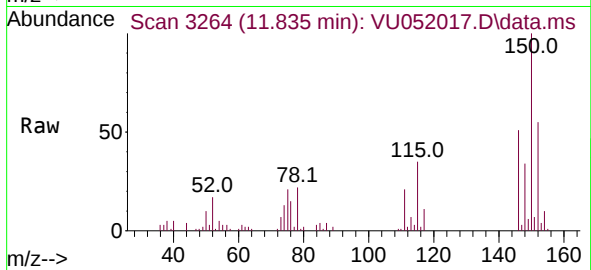




#65
 1,4-Dichlorobenzene
 Concen: 2.333 ug/L
 RT: 11.835 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU052017.D
 Acq: 22 Nov 2022 00:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:146 Resp: 11086
 Ion Ratio Lower Upper
 146 100
 111 41.5 27.6 51.2
 148 66.0 44.8 83.2



#67
 1,2-Dichlorobenzene
 Concen: 1.846 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. 0.003 min
 Lab File: VU052017.D
 Acq: 22 Nov 2022 00:33

Tgt Ion:146 Resp: 9023
 Ion Ratio Lower Upper
 146 100
 111 46.1 34.2 51.4
 148 59.4 52.6 79.0

