Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
Data File : VU052011.D
Acq On : 21 Nov 2022 21:58
Operator : JC/MD
Sample : N5710-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 22 01:06:55 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	439419	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	431900	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	160328	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	184890	48.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.100%			
7) Chloroethane-d5	1.909	69	156290	51.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.660%			
11) 1,1-Dichloroethene-d2	2.565	63	214836	38.062	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.120%			
21) 2-Butanone-d5	4.616	46	238229	104.110	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.110%			
24) Chloroform-d	5.060	84	311680	49.957	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.920%			
26) 1,2-Dichloroethane-d4	5.700	65	192012	51.171	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.340%			
32) Benzene-d6	5.726	84	648929	50.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.820%			
36) 1,2-Dichloropropane-d6	6.687	67	212287	51.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.660%			
41) Toluene-d8	7.896	98	537509	46.732	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.460%			
43) trans-1,3-Dichloroprop...	8.176	79	81634	46.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.740%			
47) 2-Hexanone-d5	8.629	63	159077	98.602	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.600%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	318855	48.732	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.460%			
66) 1,2-Dichlorobenzene-d4	12.192	152	183541	55.359	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.720%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1637	0.472	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2311	0.867	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	2238	0.880	ug/L #	1
13) Acetone	2.620	43	93835	44.890	ug/L	99
15) Methyl Acetate	2.951	43	4022	1.205	ug/L	99
22) 2-Butanone	4.706	43	23778	9.123	ug/L	98
44) trans-1,3-Dichloropropene	8.179	75	3238	0.716	ug/L	93
46) Tetrachloroethene	8.552	164	2554	1.134	ug/L	92
49) Dibromochloromethane	8.552	129	2694	0.752	ug/L #	10

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

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ClientSampleId :

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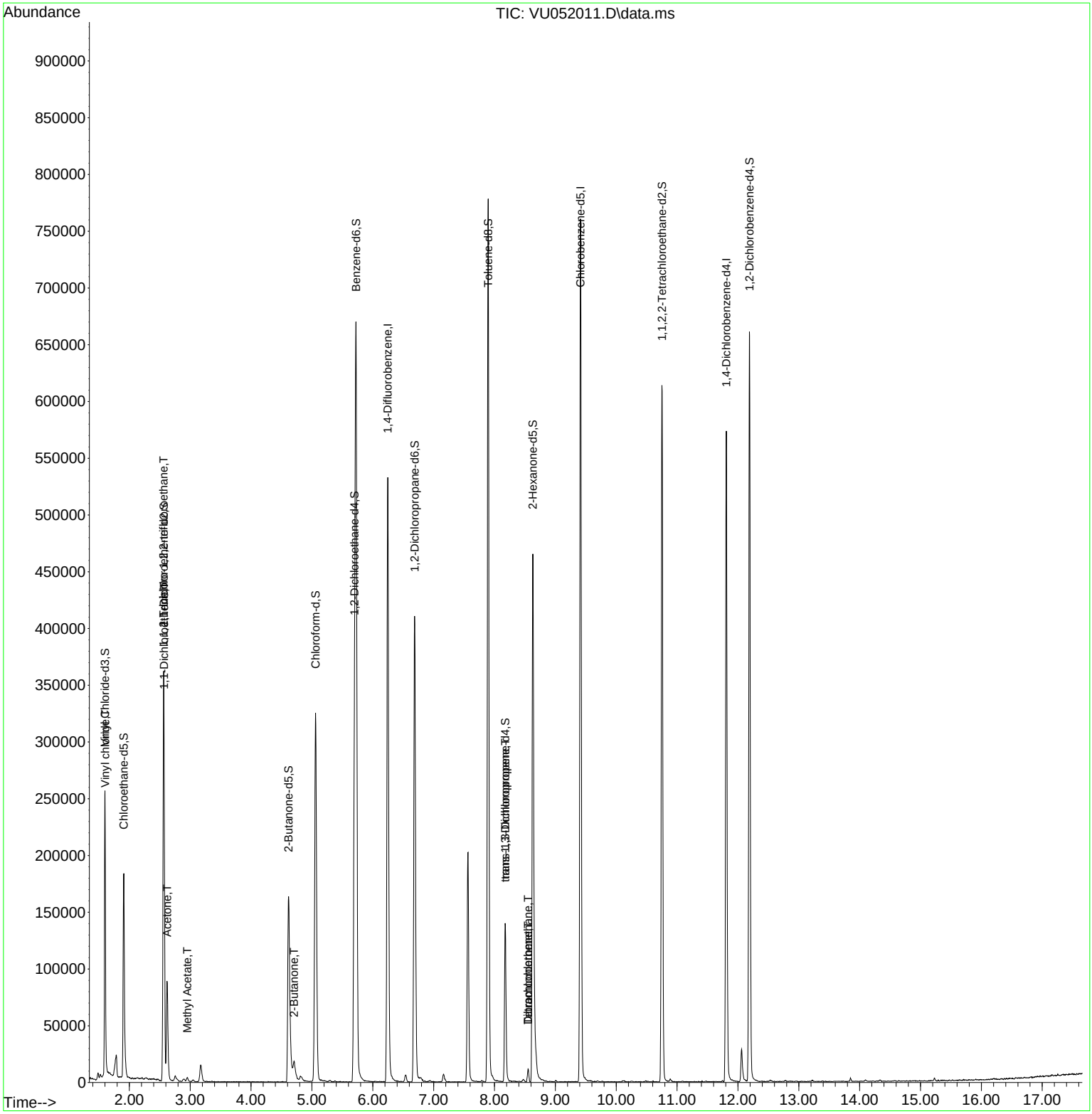
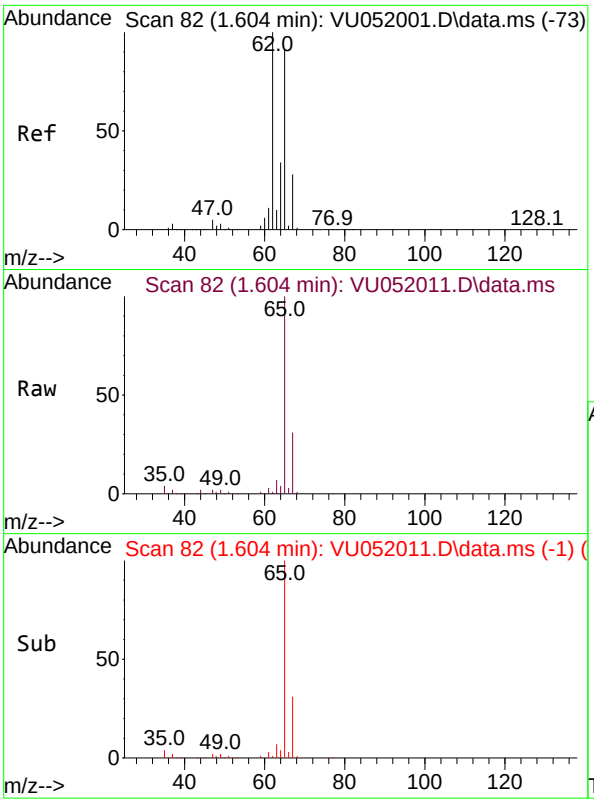
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 22 01:03:12 2022
Response via : Initial Calibration



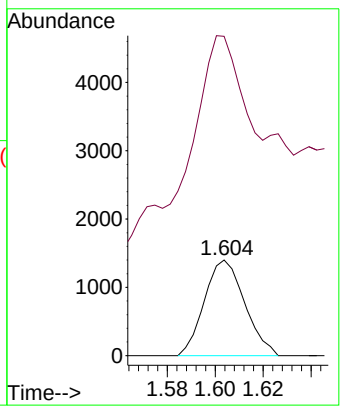


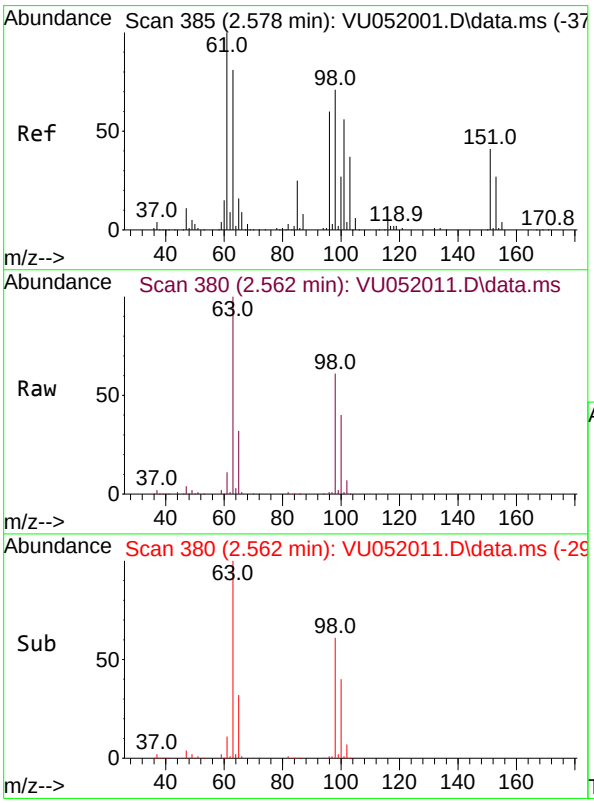
#5
Vinyl chloride
Concen: 0.472 ug/L
RT: 1.604 min Scan# 8
Delta R.T. 0.000 min
Lab File: VU052011.D
Acq: 21 Nov 2022 21:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1637

Ion	Ratio	Lower	Upper
62	100		
64	333.9	23.9	44.3#

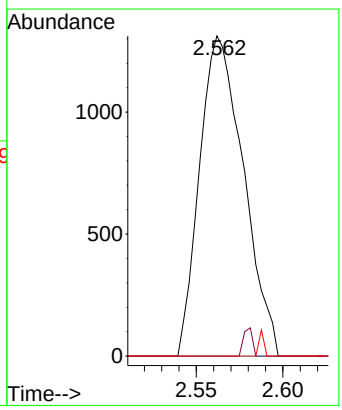


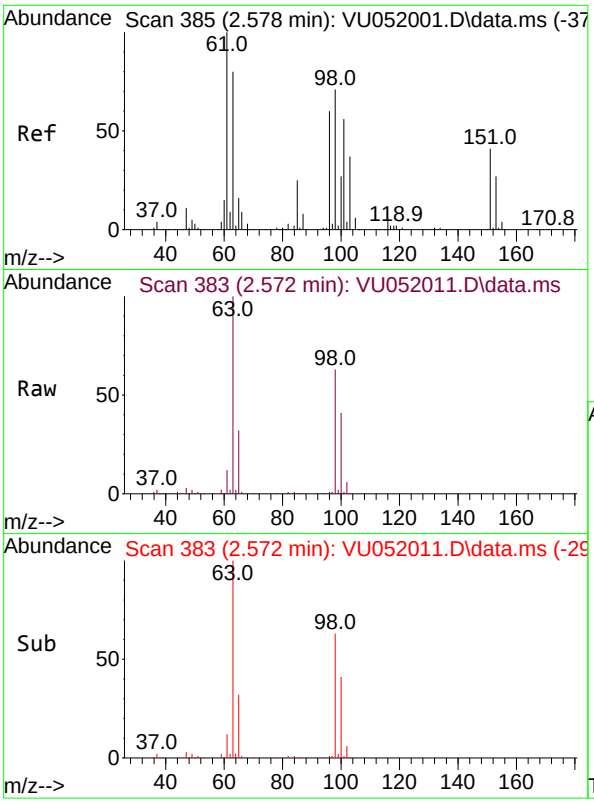


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.867 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU052011.D
Acq: 21 Nov 2022 21:58

Tgt Ion:101 Resp: 2311

Ion	Ratio	Lower	Upper
101	100		
85	1.8	33.6	50.4#
151	0.0	58.9	88.3#



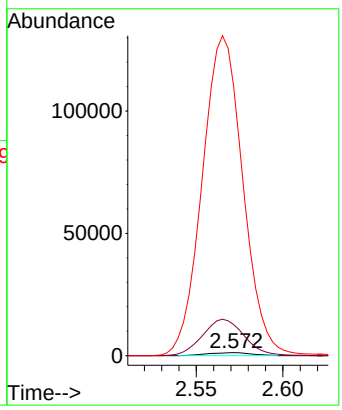


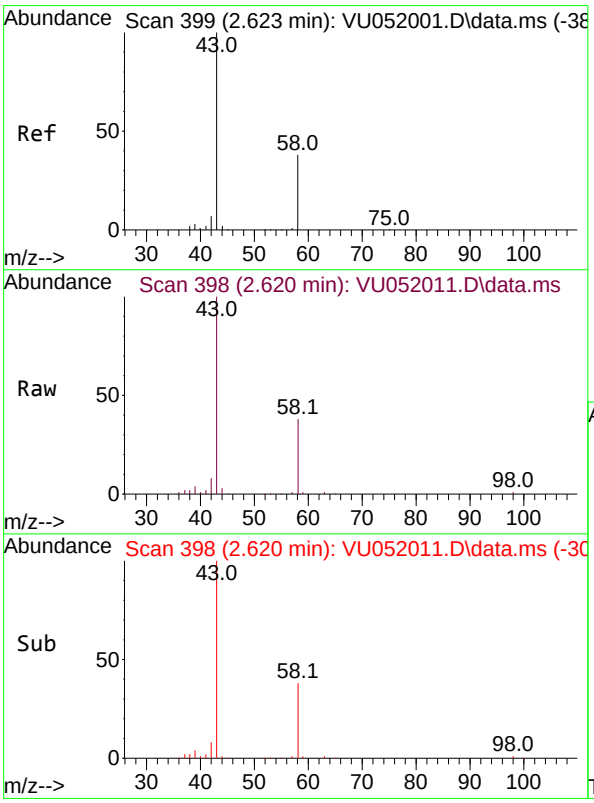
#12
1,1-Dichloroethene
Concen: 0.880 ug/L
RT: 2.572 min Scan# 3
Delta R.T. -0.006 min
Lab File: VU052011.D
Acq: 21 Nov 2022 21:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 2238

Ion	Ratio	Lower	Upper
96	100		
61	996.6	114.2	212.0#
63	8637.9	90.9	168.7#

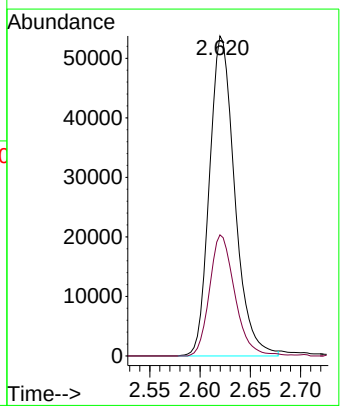


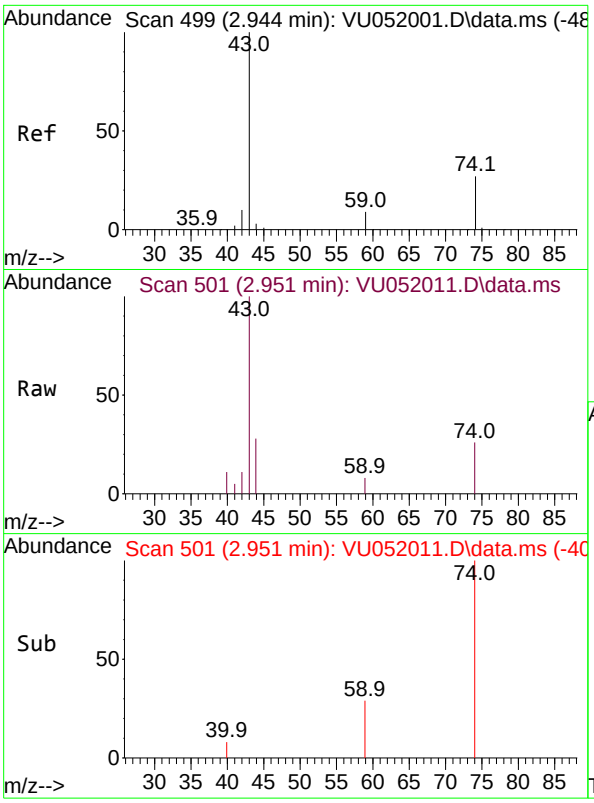


#13
Acetone
Concen: 44.890 ug/L
RT: 2.620 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU052011.D
Acq: 21 Nov 2022 21:58

Tgt Ion: 43 Resp: 93835

Ion	Ratio	Lower	Upper
43	100		
58	37.9	0.0	76.6



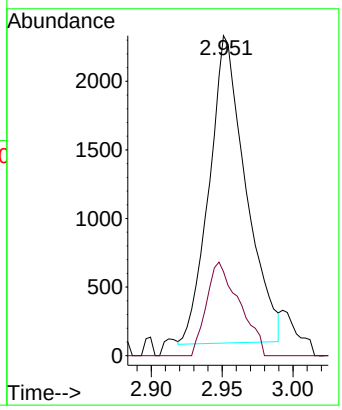


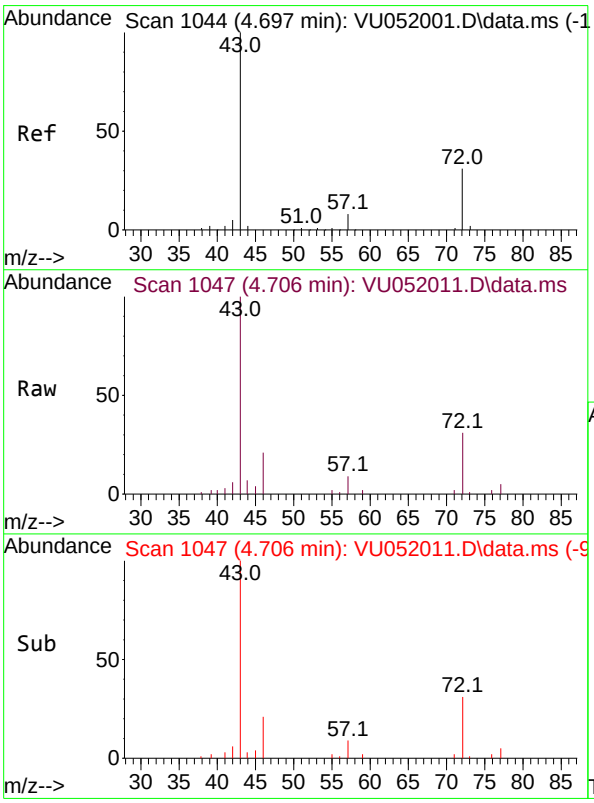
#15
Methyl Acetate
Concen: 1.205 ug/L
RT: 2.951 min Scan# 5
Delta R.T. 0.007 min
Lab File: VU052011.D
Acq: 21 Nov 2022 21:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 4022

Ion	Ratio	Lower	Upper
43	100		
74	27.4	22.2	33.4

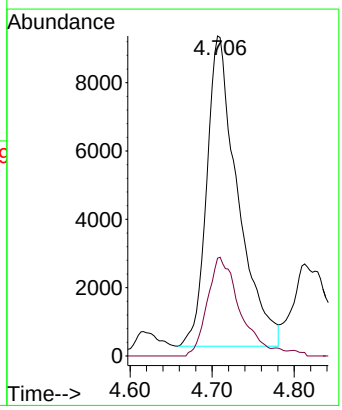


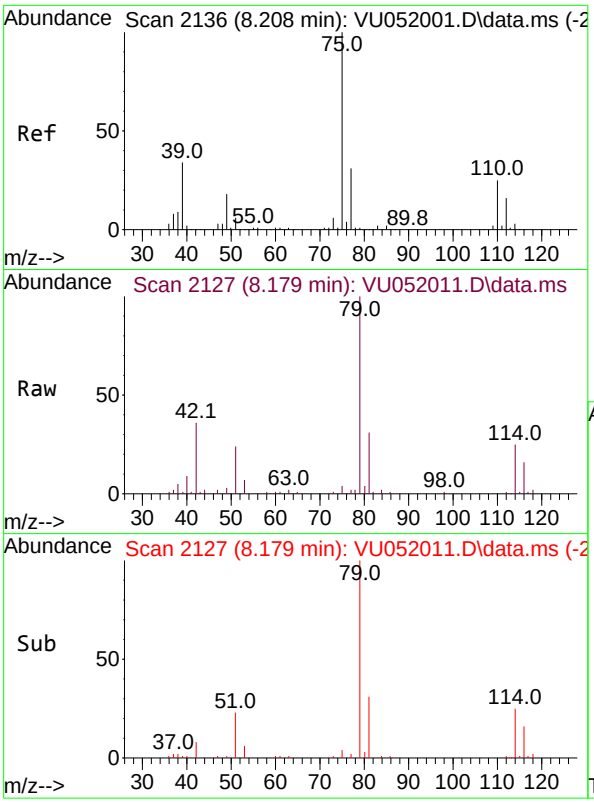


#22
2-Butanone
Concen: 9.123 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.010 min
Lab File: VU052011.D
Acq: 21 Nov 2022 21:58

Tgt Ion: 43 Resp: 23778

Ion	Ratio	Lower	Upper
43	100		
72	32.8	15.9	47.7



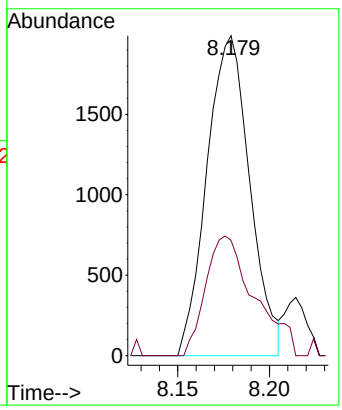


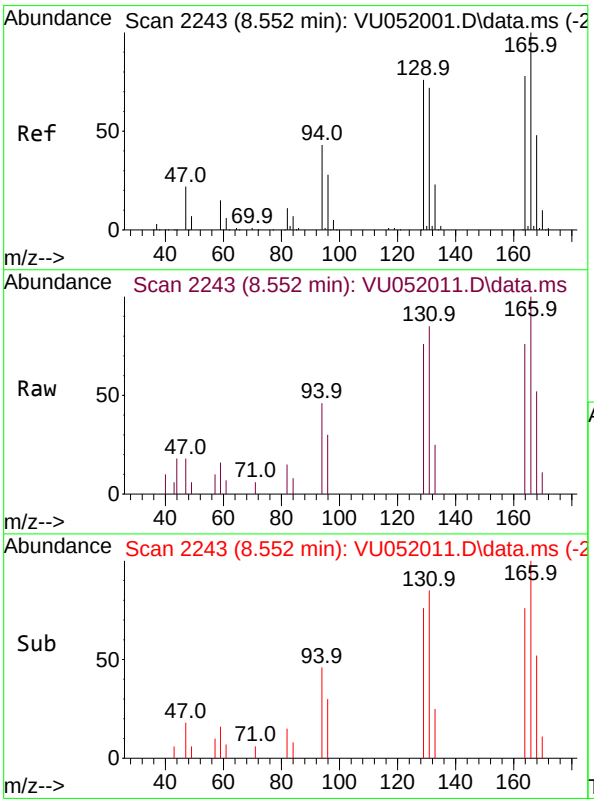
#44
trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU052011.D
Acq: 21 Nov 2022 21:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3238

Ion	Ratio	Lower	Upper
75	100		
77	36.0	22.7	42.1

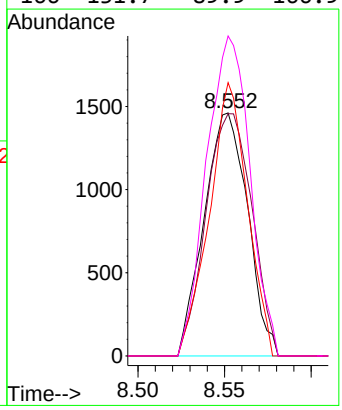


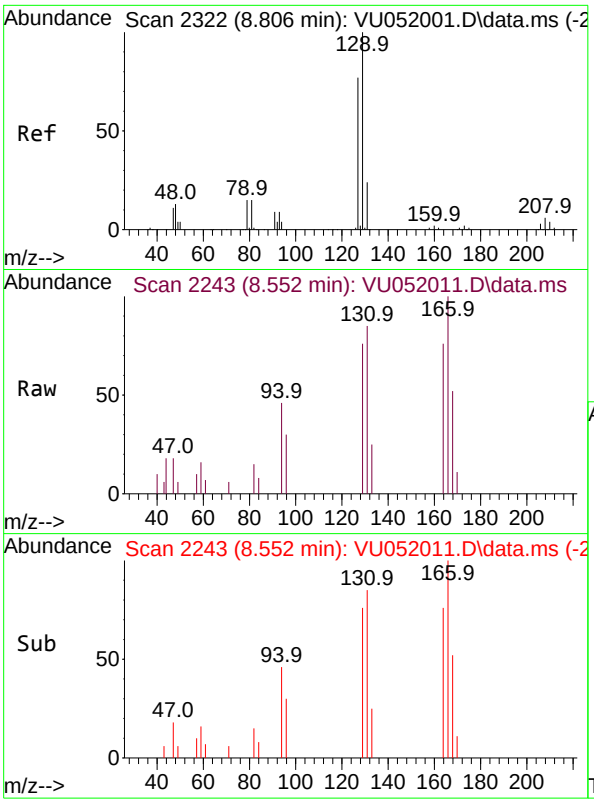


#46
Tetrachloroethene
Concen: 1.134 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052011.D
Acq: 21 Nov 2022 21:58

Tgt Ion:164 Resp: 2554

Ion	Ratio	Lower	Upper
164	100		
129	99.7	67.3	124.9
131	112.5	65.2	121.2
166	131.7	89.9	166.9





#49
Dibromochloromethane
Concen: 0.752 ug/L
RT: 8.552 min Scan# 2
Delta R.T. -0.254 min
Lab File: VU052011.D
Acq: 21 Nov 2022 21:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 2694

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#