Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
Data File : VU050692.D
Acq On : 08 Sep 2022 18:02
Operator : SY/MD
Sample : N4483-08MERE
Misc : 4.57g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW356MERE

Quant Time: Sep 08 22:57:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 08 22:51:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	402869	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	400685	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	171265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	162081	47.038	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.080%			
7) Chloroethane-d5	1.868	69	71683	30.763	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 61.520%#			
11) 1,1-Dichloroethene-d2	2.523	63	348804	57.282	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 114.560%			
21) 2-Butanone-d5	4.629	46	501233	198.820	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 198.820%#			
24) Chloroform-d	5.057	84	557335	85.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 170.680%#			
26) 1,2-Dichloroethane-d4	5.694	65	363166	91.001	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 182.000%#			
32) Benzene-d6	5.716	84	1109364	83.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 167.560%#			
36) 1,2-Dichloropropane-d6	6.687	67	370031	85.116	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 170.240%#			
41) Toluene-d8	7.896	98	979933	86.540	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 173.080%#			
43) trans-1,3-Dichloroprop...	8.179	79	166895	92.783	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 185.560%#			
47) 2-Hexanone-d5	8.652	63	325269	297.448	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 297.450%#			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	624346	94.902	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 189.800%#			
66) 1,2-Dichlorobenzene-d4	12.195	152	374082	93.306	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 186.620%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	3019	0.959	ug/L #	22
12) 1,1-Dichloroethene	2.523	96	2787	0.911	ug/L #	1
22) 2-Butanone	4.716	43	22032	7.407	ug/L	87
33) Benzene	5.716	78	8848	0.607	ug/L	100
35) Methylcyclohexane	6.687	83	88366	16.359	ug/L #	18
39) cis-1,3-Dichloropropene	7.565	75	10024	1.923	ug/L #	57
44) trans-1,3-Dichloropropene	8.179	75	7085	1.448	ug/L	87
48) 2-Hexanone	8.655	43	43586	8.898	ug/L #	67
60) 1,2,3-Trichloropropane	11.816	75	19890	3.958	ug/L #	68

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

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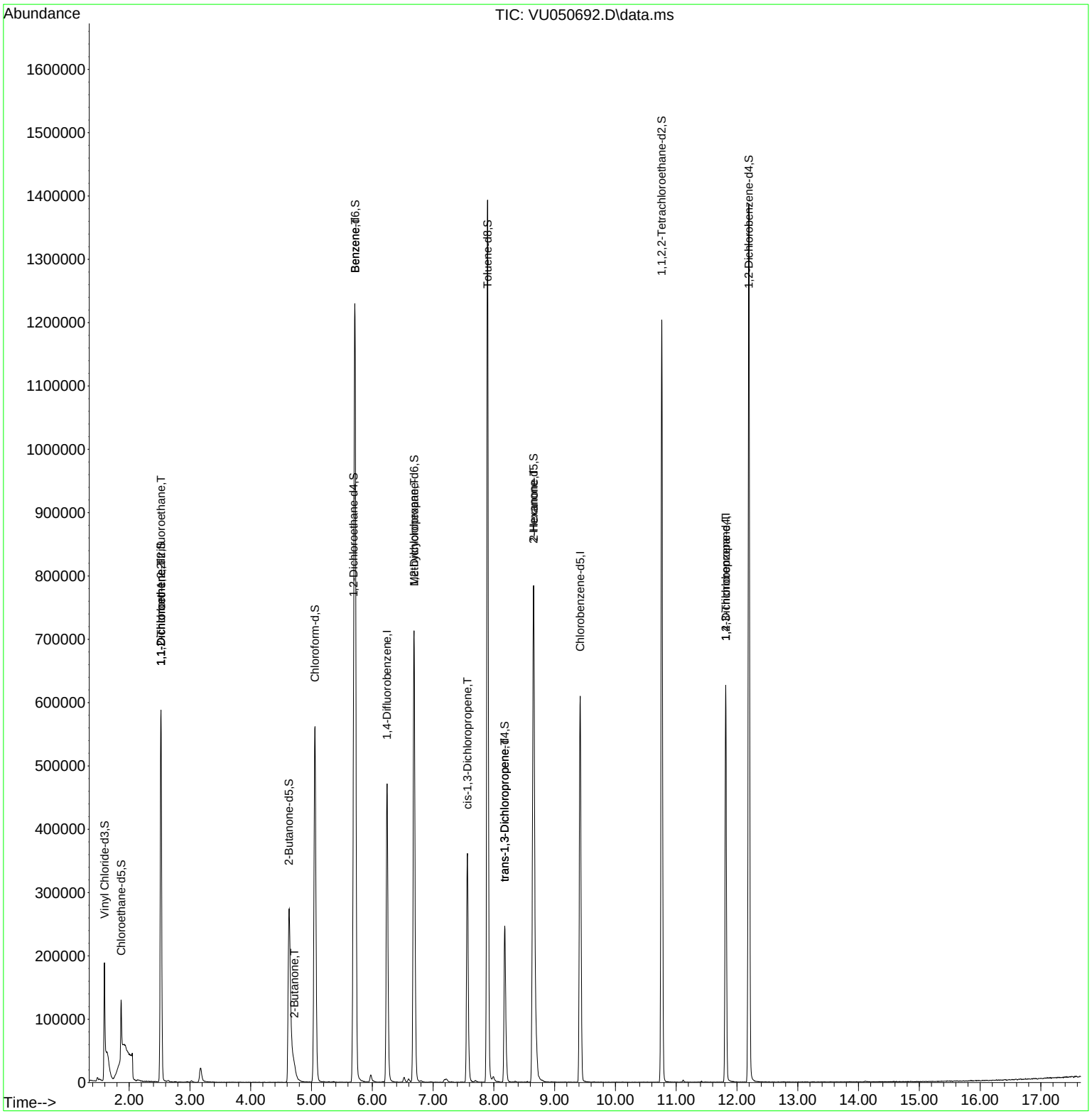
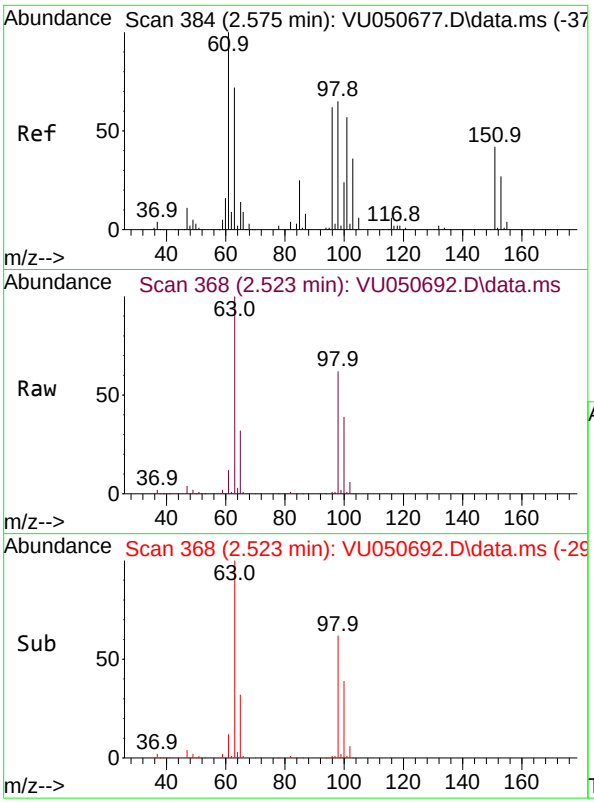


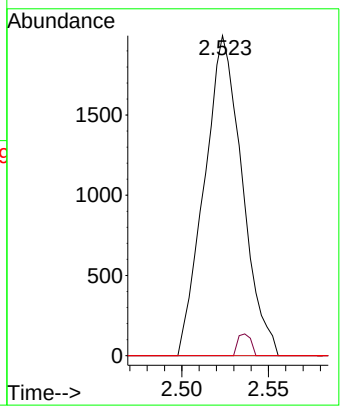


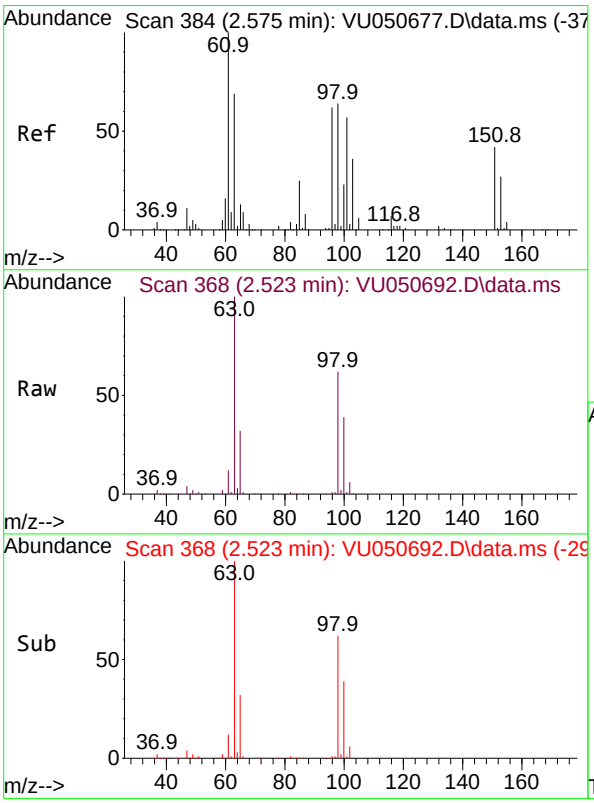
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.959 ug/L
RT: 2.523 min Scan# 3
Delta R.T. -0.051 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

Instrument :
MSVOA_U
ClientSampleId :
EW356MERE

Tgt Ion:101 Resp: 3019

Ion	Ratio	Lower	Upper
101	100		
85	2.4	34.4	51.6#
151	0.0	57.7	86.5#

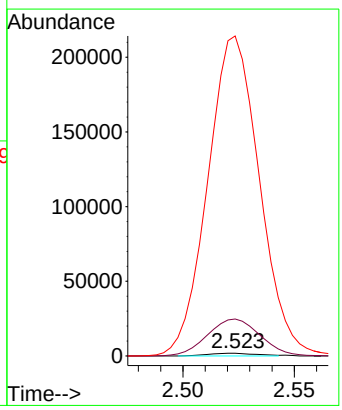


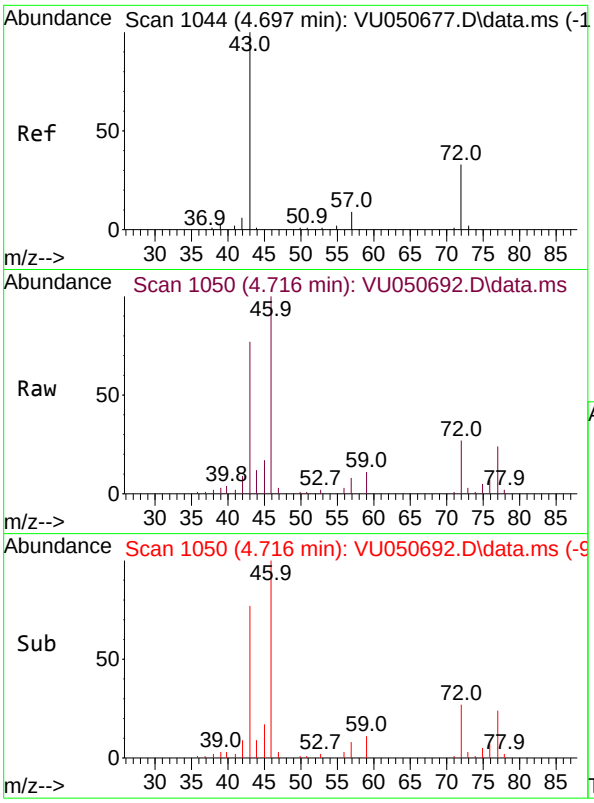


#12
1,1-Dichloroethene
Concen: 0.911 ug/L
RT: 2.523 min Scan# 368
Delta R.T. -0.051 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

Tgt Ion: 96 Resp: 2787

Ion	Ratio	Lower	Upper
96	100		
61	1377.2	118.0	219.1#
63	11937.2	79.5	147.7#



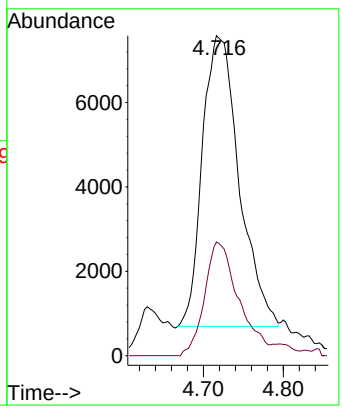


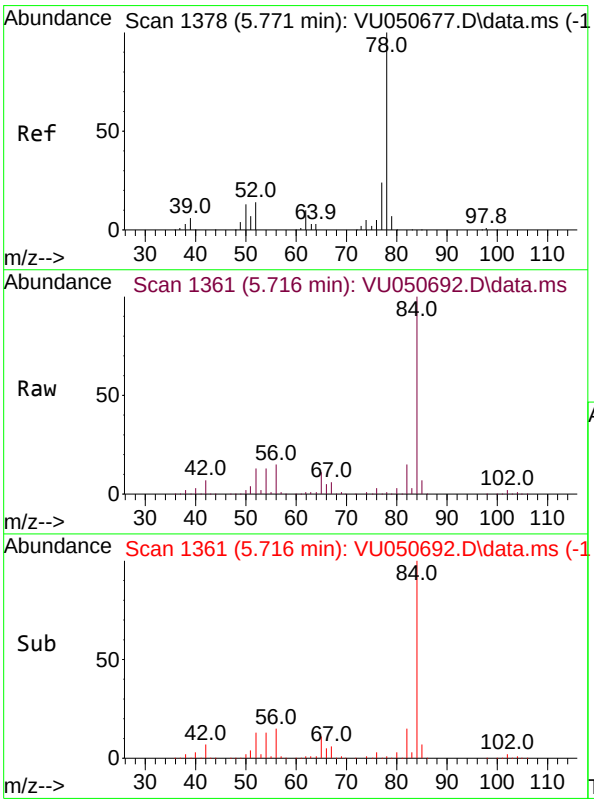
#22
2-Butanone
Concen: 7.407 ug/L
RT: 4.716 min Scan# 1
Delta R.T. 0.019 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

Instrument :
MSVOA_U
ClientSampleId :
EW356MERE

Tgt Ion: 43 Resp: 22032

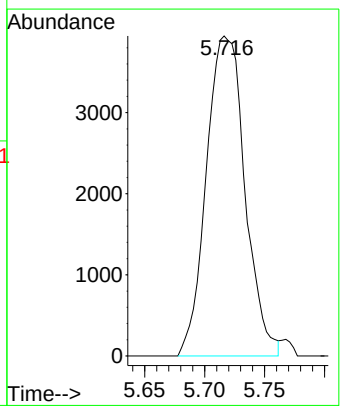
Ion	Ratio	Lower	Upper
43	100		
72	36.3	14.6	44.0

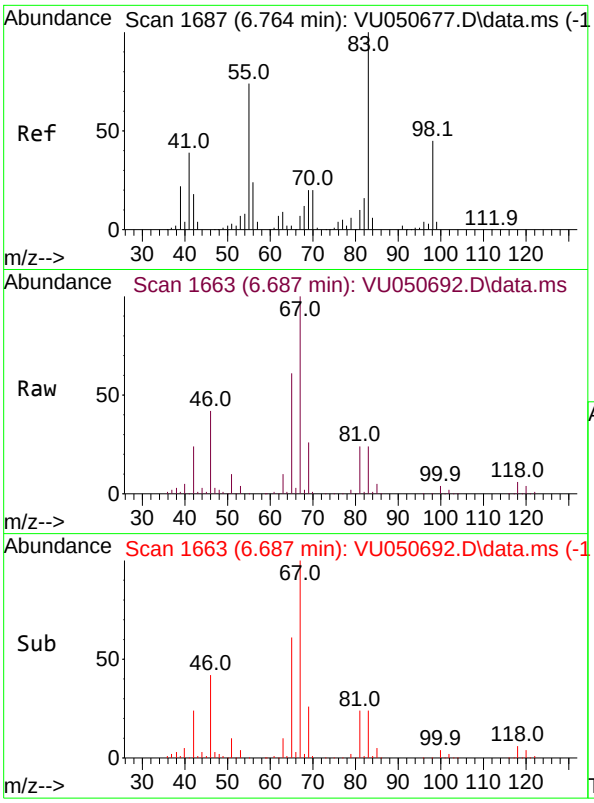




#33
Benzene
Concen: 0.607 ug/L
RT: 5.716 min Scan# 1361
Delta R.T. -0.054 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

Tgt Ion: 78 Resp: 8848



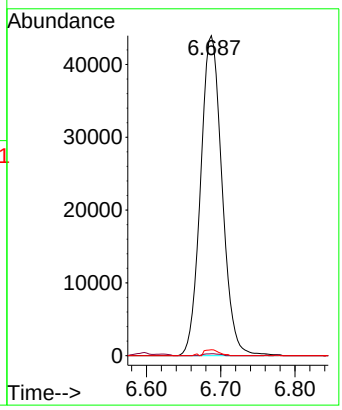


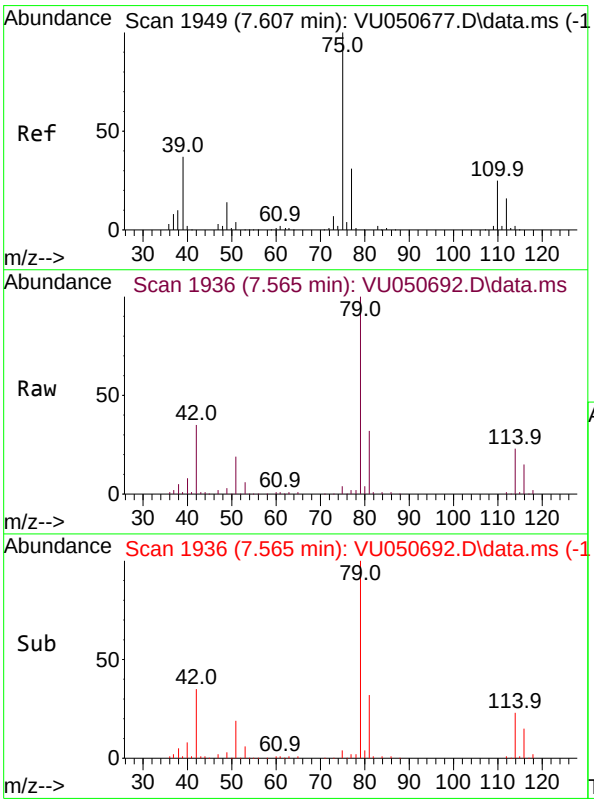
#35
Methylcyclohexane
Concen: 16.359 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

Instrument :
MSVOA_U
ClientSampleId :
EW356MERE

Tgt Ion: 83 Resp: 88366

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.6	93.8#
98	0.1	35.5	53.3#

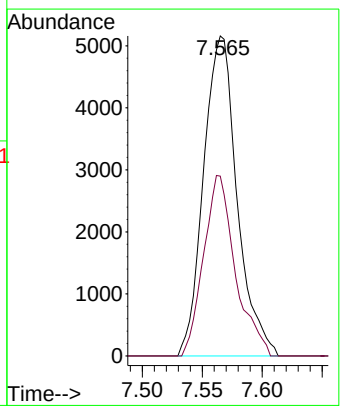


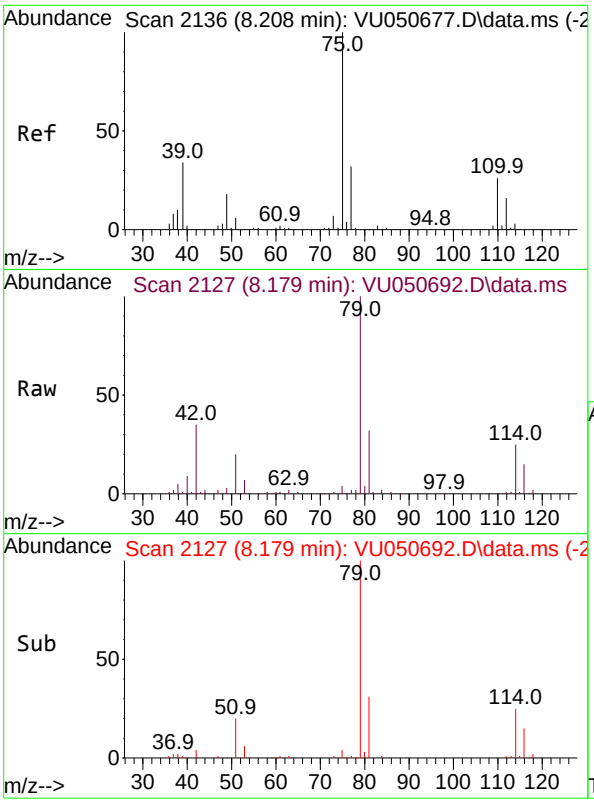


#39
cis-1,3-Dichloropropene
Concen: 1.923 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

Tgt Ion: 75 Resp: 10024

Ion	Ratio	Lower	Upper
75	100		
77	56.2	22.5	41.7#



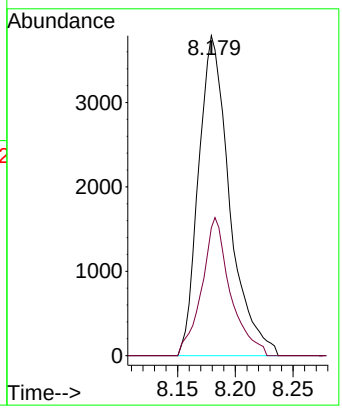


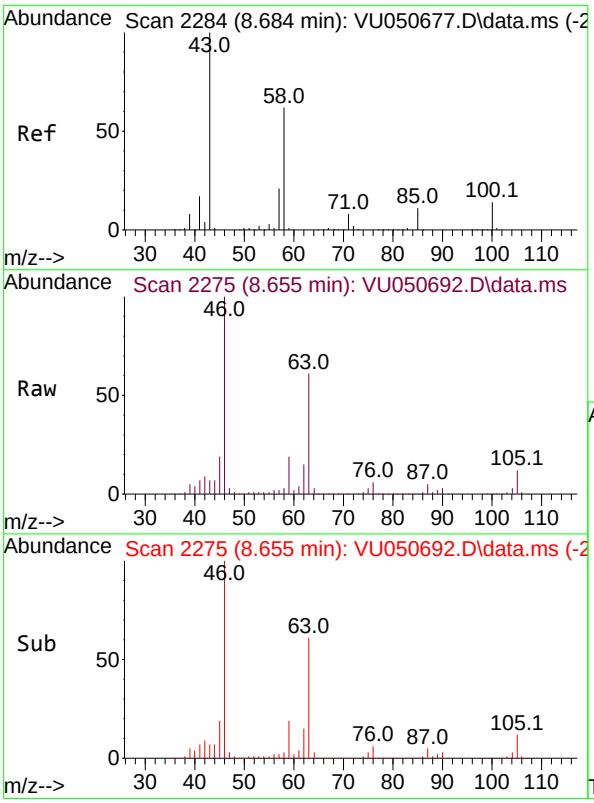
#44
trans-1,3-Dichloropropene
Concen: 1.448 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.029 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

Instrument :
MSVOA_U
ClientSampleId :
EW356MERE

Tgt Ion: 75 Resp: 7085

Ion	Ratio	Lower	Upper
75	100		
77	38.7	22.1	41.1

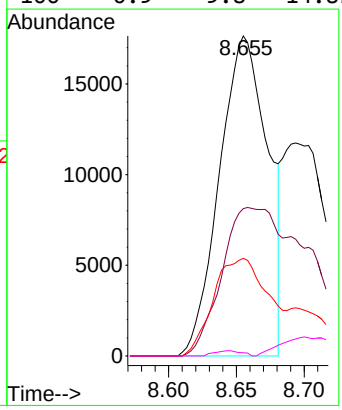


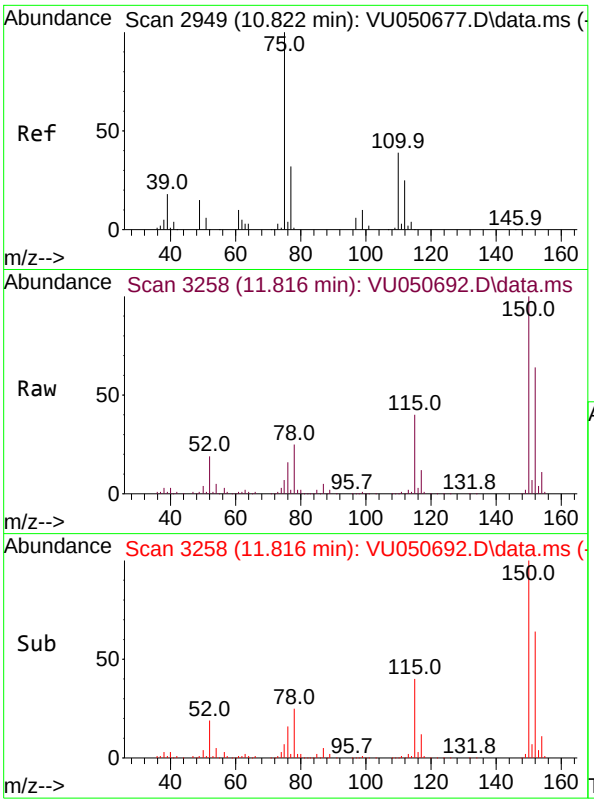


#48
2-Hexanone
Concen: 8.898 ug/L
RT: 8.655 min Scan# 2275
Delta R.T. -0.029 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

Tgt Ion: 43 Resp: 43586

Ion	Ratio	Lower	Upper
43	100		
58	37.4	51.8	77.6#
57	35.5	17.0	25.4#
100	0.9	9.8	14.8#





#60
1,2,3-Trichloropropane
Concen: 3.958 ug/L
RT: 11.816 min Scan# 3
Delta R.T. 0.994 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

Instrument :
MSVOA_U
ClientSampleId :
EW356MERE

Tgt Ion: 75 Resp: 19890

Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.8	38.8
110	1.6	29.3	43.9#