Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
Data File : VU050616.D
Acq On : 03 Sep 2022 16:46
Operator : SY/MD
Sample : N4481-03 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBVF3

Quant Time: Sep 05 01:08:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 05 01:05:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	281539	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	271168	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97790	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	188684	78.356	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 156.720%#			
7) Chloroethane-d5	1.903	69	155165	95.287	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 190.580%#			
11) 1,1-Dichloroethene-d2	2.562	63	230186	54.093	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.180%			
21) 2-Butanone-d5	4.626	46	258566	146.763	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 146.760%#			
24) Chloroform-d	5.060	84	320106	70.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 140.280%#			
26) 1,2-Dichloroethane-d4	5.700	65	144102	51.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.340%			
32) Benzene-d6	5.726	84	456390	50.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.860%			
36) 1,2-Dichloropropane-d6	6.690	67	153178	52.063	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.120%			
41) Toluene-d8	7.899	98	366898	47.878	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.760%			
43) trans-1,3-Dichloroprop...	8.179	79	50693	41.642	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.280%			
47) 2-Hexanone-d5	8.636	63	66654	90.066	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.070%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	215089	48.310	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.620%			
66) 1,2-Dichlorobenzene-d4	12.192	152	119398	52.157	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.320%			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	1129	0.410	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1928	0.876	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1711	0.800	ug/L #	1
13) Acetone	2.636	43	4871	3.665	ug/L	90
16) Methylene chloride	3.044	84	3199	1.140	ug/L	91
22) 2-Butanone	4.703	43	2705	1.301	ug/L #	71
44) trans-1,3-Dichloropropene	8.179	75	2311	0.698	ug/L	88
48) 2-Hexanone	8.687	43	45215	13.639	ug/L #	87
60) 1,2,3-Trichloropropane	11.812	75	11585	4.038	ug/L #	67

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

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DBVF3

Quant Time: Sep 05 01:08:25 2022
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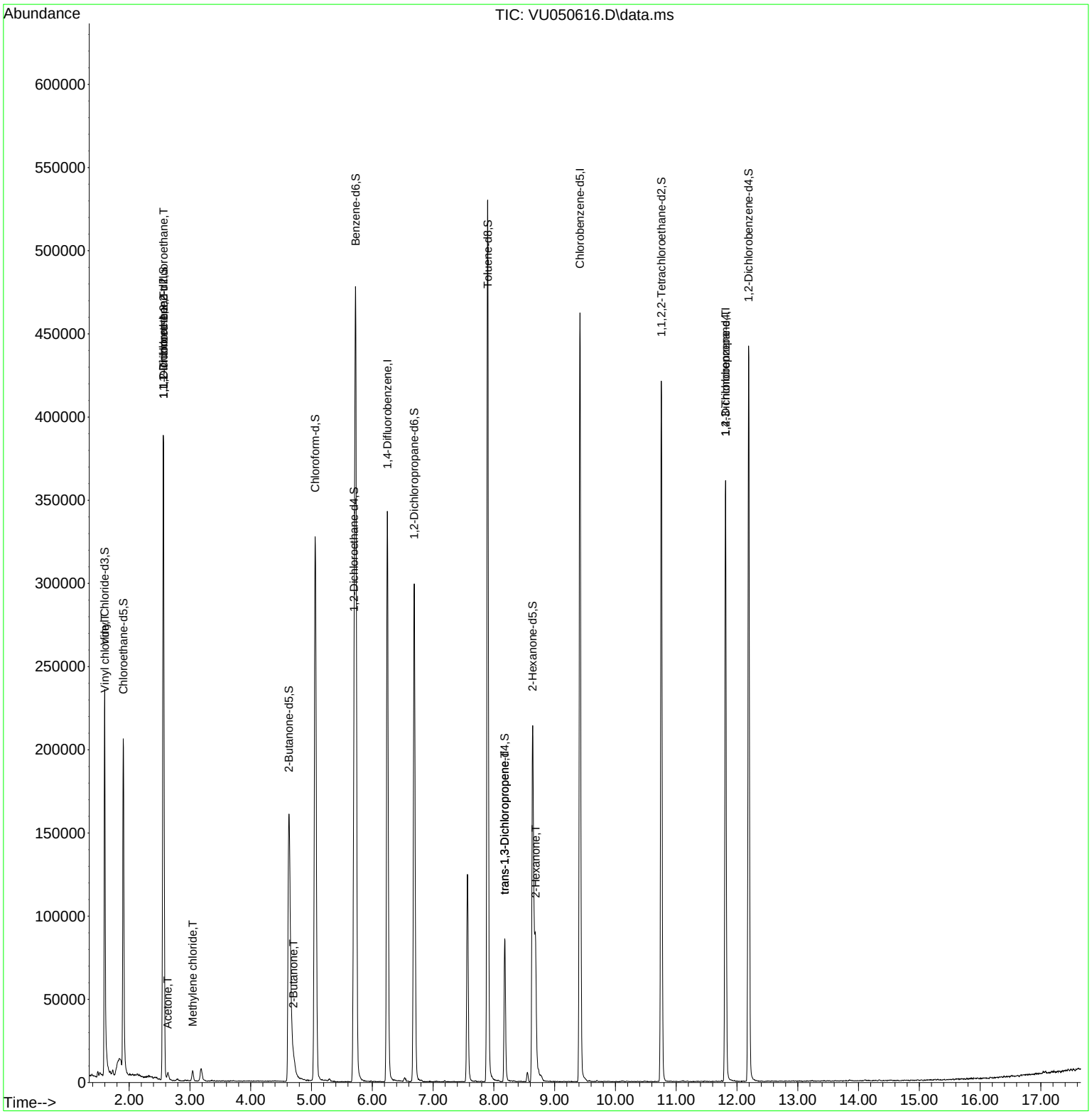
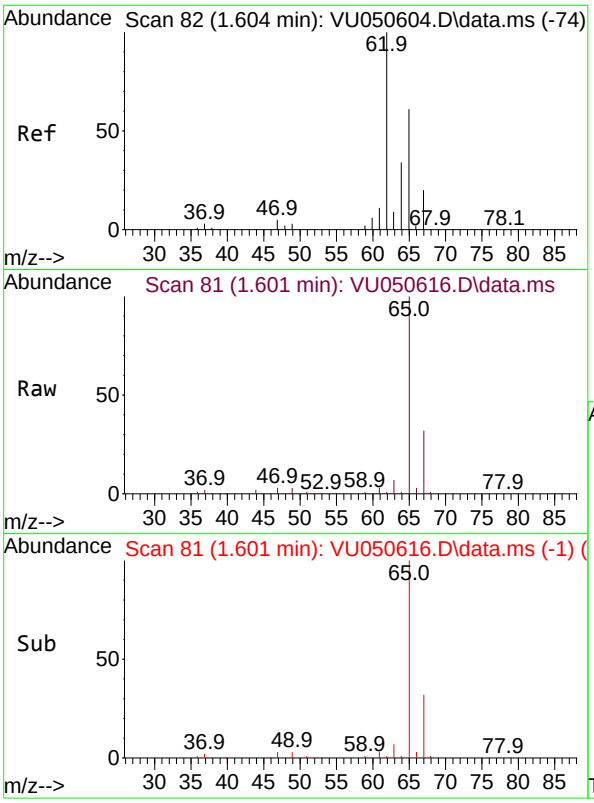
Quant Title : VOC Analysis
QLast Update : Mon Sep 05 01:05:15 2022
Response via : Initial Calibration



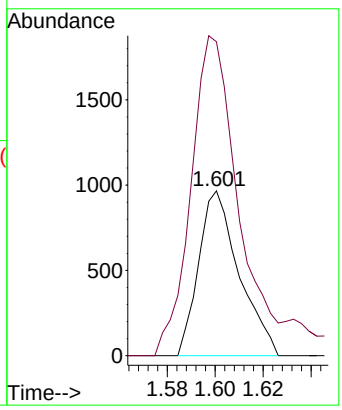


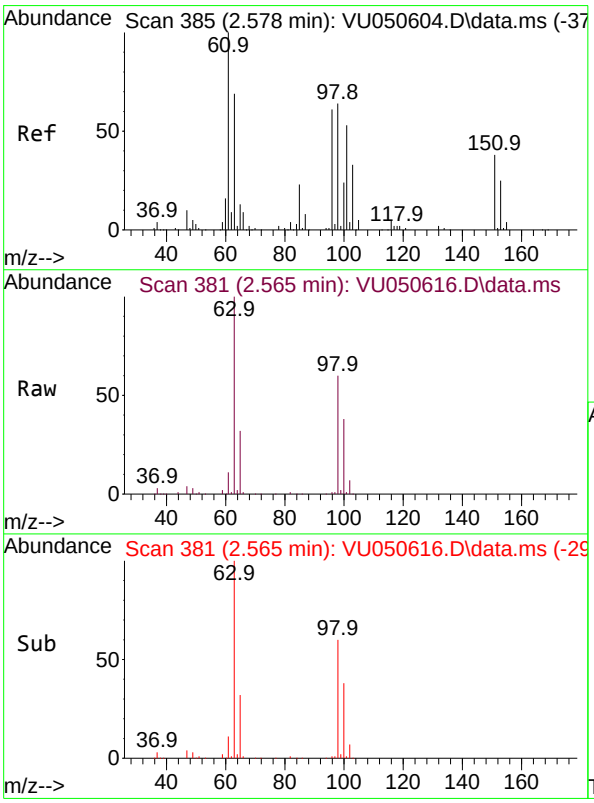
#5
Vinyl chloride
Concen: 0.410 ug/L
RT: 1.601 min Scan# 8
Delta R.T. -0.003 min
Lab File: VU050616.D
Acq: 03 Sep 2022 16:46

Instrument :
MSVOA_U
ClientSampleId :
DBVF3

Tgt Ion: 62 Resp: 1129

Ion	Ratio	Lower	Upper
62	100		
64	190.5	23.5	43.7#

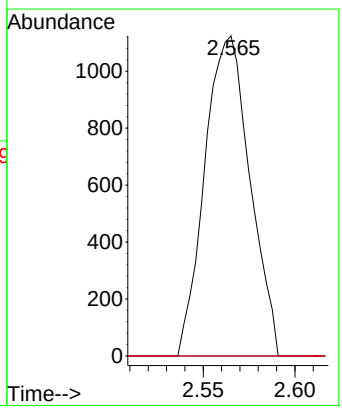


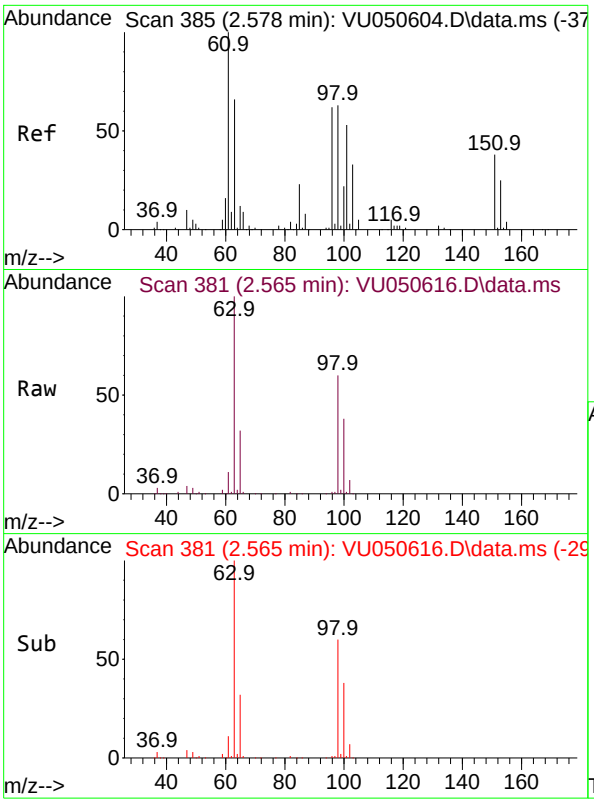


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.876 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU050616.D
Acq: 03 Sep 2022 16:46

Tgt Ion:101 Resp: 1928

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



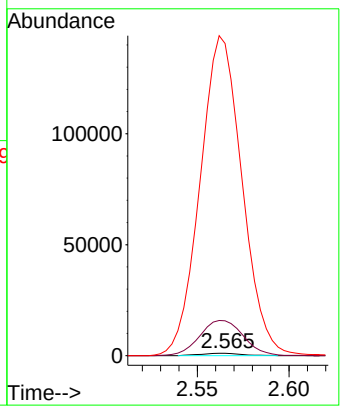


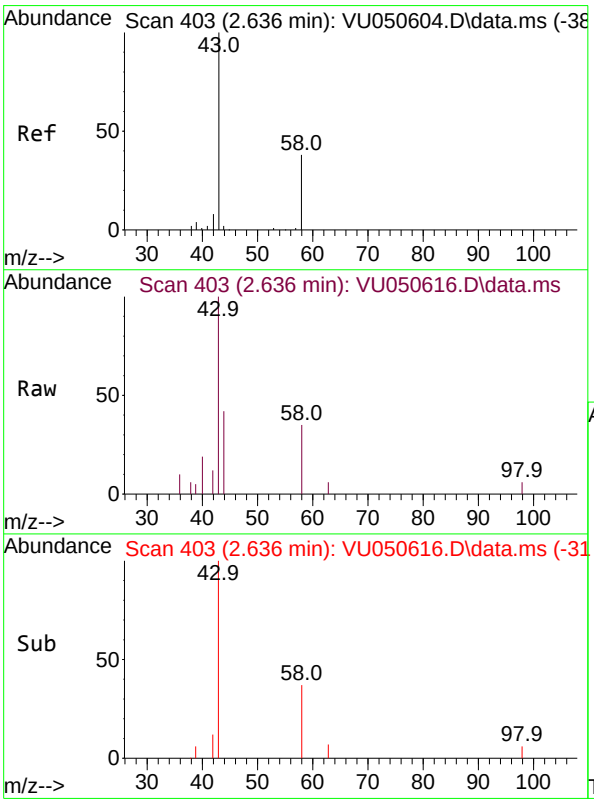
#12
1,1-Dichloroethene
Concen: 0.800 ug/L
RT: 2.565 min Scan# 3
Delta R.T. -0.013 min
Lab File: VU050616.D
Acq: 03 Sep 2022 16:46

Instrument :
MSVOA_U
ClientSampleId :
DBVF3

Tgt Ion: 96 Resp: 1711

Ion	Ratio	Lower	Upper
96	100		
61	1449.1	118.0	219.1#
63	12989.1	79.5	147.7#

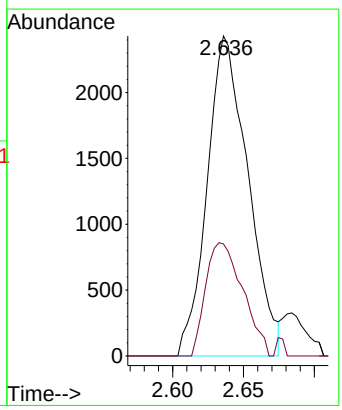


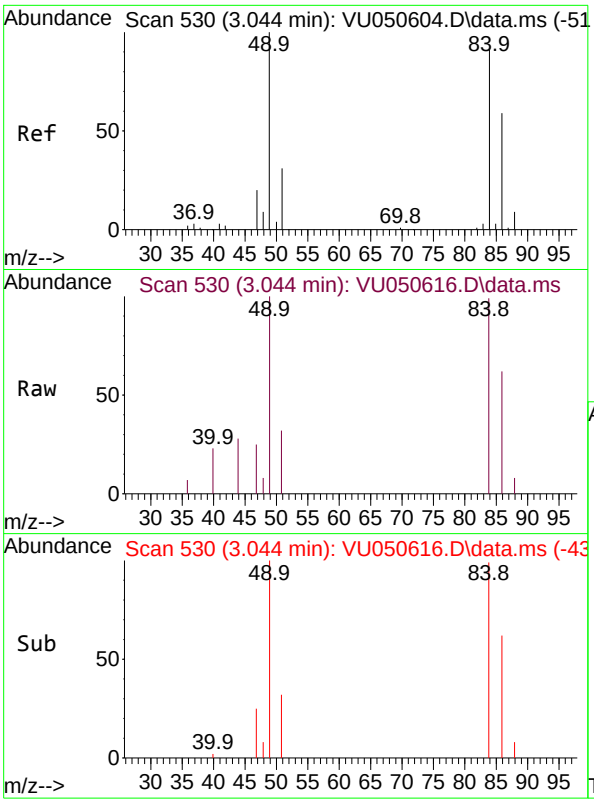


#13
Acetone
Concen: 3.665 ug/L
RT: 2.636 min Scan# 403
Delta R.T. 0.000 min
Lab File: VU050616.D
Acq: 03 Sep 2022 16:46

Tgt Ion: 43 Resp: 4871

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	76.2



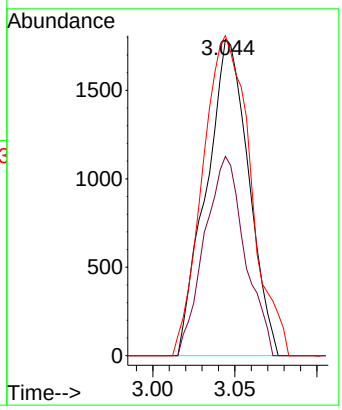


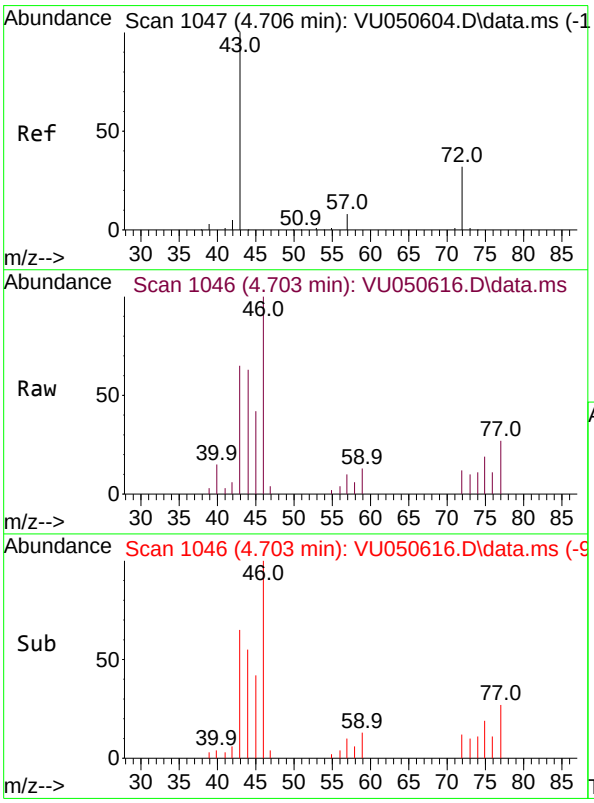
#16
Methylene chloride
Concen: 1.140 ug/L
RT: 3.044 min Scan# 5
Delta R.T. 0.000 min
Lab File: VU050616.D
Acq: 03 Sep 2022 16:46

Instrument :
MSVOA_U
ClientSampleId :
DBVF3

Tgt Ion: 84 Resp: 3199

Ion	Ratio	Lower	Upper
84	100		
86	63.1	44.8	83.2
49	101.2	80.6	149.8

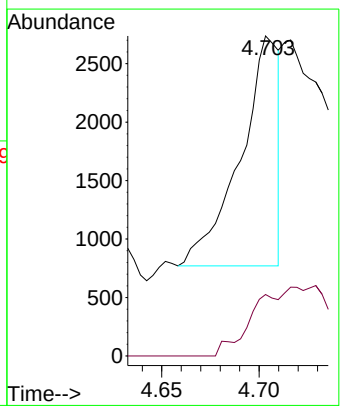


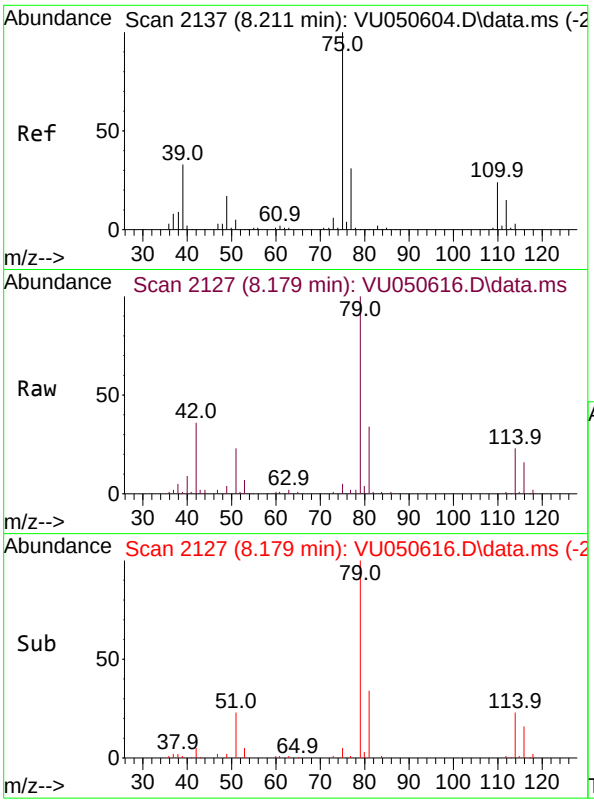


#22
2-Butanone
Concen: 1.301 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU050616.D
Acq: 03 Sep 2022 16:46

Tgt Ion: 43 Resp: 2705

Ion	Ratio	Lower	Upper
43	100		
72	13.9	14.6	44.0#



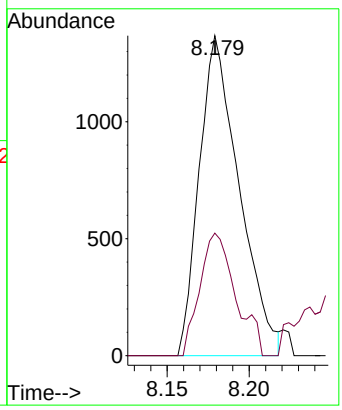


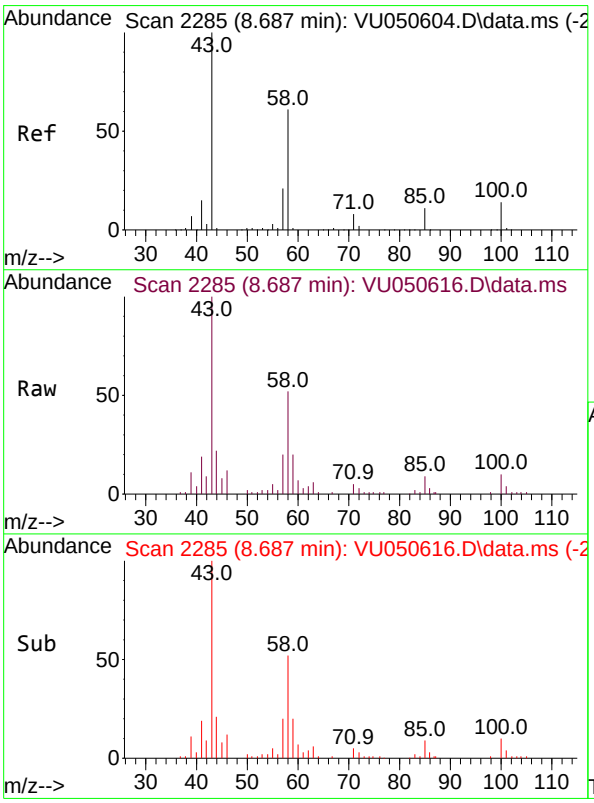
#44
trans-1,3-Dichloropropene
Concen: 0.698 ug/L
RT: 8.179 min Scan# 21
Delta R.T. -0.032 min
Lab File: VU050616.D
Acq: 03 Sep 2022 16:46

Instrument :
MSVOA_U
ClientSampleId :
DBVF3

Tgt Ion: 75 Resp: 2311

Ion	Ratio	Lower	Upper
75	100		
77	38.3	22.1	41.1

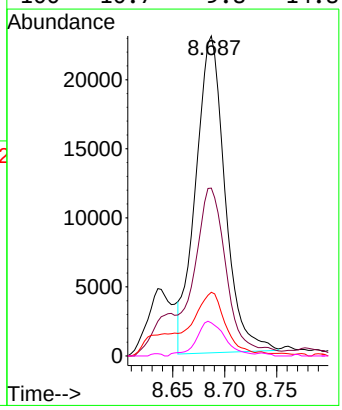


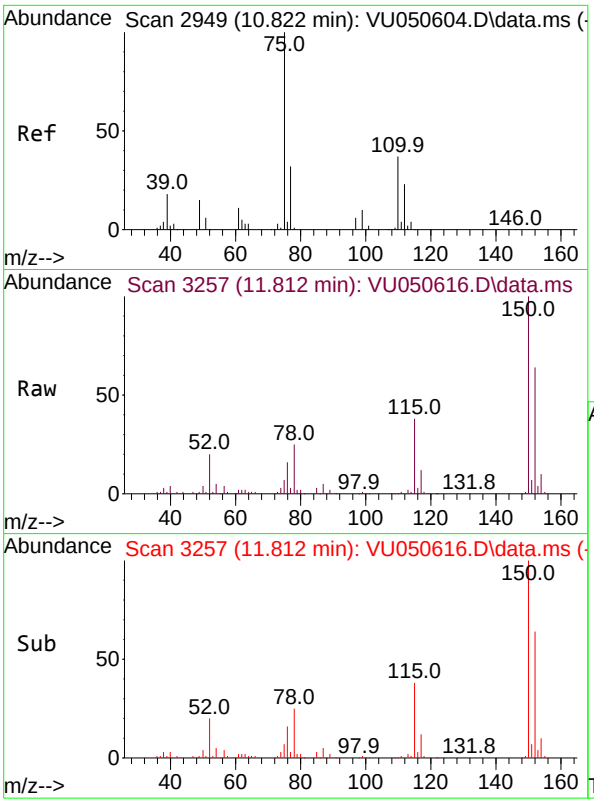


#48
2-Hexanone
Concen: 13.639 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU050616.D
Acq: 03 Sep 2022 16:46

Tgt Ion: 43 Resp: 45215

Ion	Ratio	Lower	Upper
43	100		
58	51.0	51.8	77.6#
57	19.4	17.0	25.4
100	10.7	9.8	14.8





#60
1,2,3-Trichloropropane
Concen: 4.038 ug/L
RT: 11.812 min Scan# 3
Delta R.T. 0.990 min
Lab File: VU050616.D
Acq: 03 Sep 2022 16:46

Instrument :
MSVOA_U
ClientSampleId :
DBVF3

Tgt Ion: 75 Resp: 11585

Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.8	38.8
110	2.1	29.3	43.9#