Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082520\
Data File : VU039961.D
Acq On : 25 Aug 2020 12:32
Operator : SY/MD
Sample : L3782-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSH3

Quant Time: Aug 26 03:44:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 26 03:42:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69739	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31769	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26677	4.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.60%			
7) Chloroethane-d5	1.92	69	24099	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.58	63	38703	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	4.66	46	88629	45.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.06%			
24) Chloroform-d	5.08	84	54525	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.20%			
26) 1,2-Dichloroethane-d4	5.72	65	32300	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.74	84	102926	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%			
36) 1,2-Dichloropropane-d6	6.70	67	33462	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.91	98	88106	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
43) trans-1,3-Dichloropropene-	8.19	79	13544	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.60%			
46) 2-Hexanone-d5	8.64	63	62345	42.93	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 85.86%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26278	4.34	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	35559	5.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	6269	0.764	ug/L	93
13) Acetone	2.67	43	14978	11.260	ug/L	99
14) Carbon disulfide	2.81	76	2516	0.128	ug/L #	92
21) 2-Butanone	4.74	43	3418	1.479	ug/L	92
35) Methylcyclohexane	6.71	83	8089	0.806	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	3988	0.595	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1133	0.121	ug/L #	44
59) 1,2,3-Trichloropropane	11.81	75	4680	0.974	ug/L	94

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

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Quant Title : TRACE VOA SOM01.0
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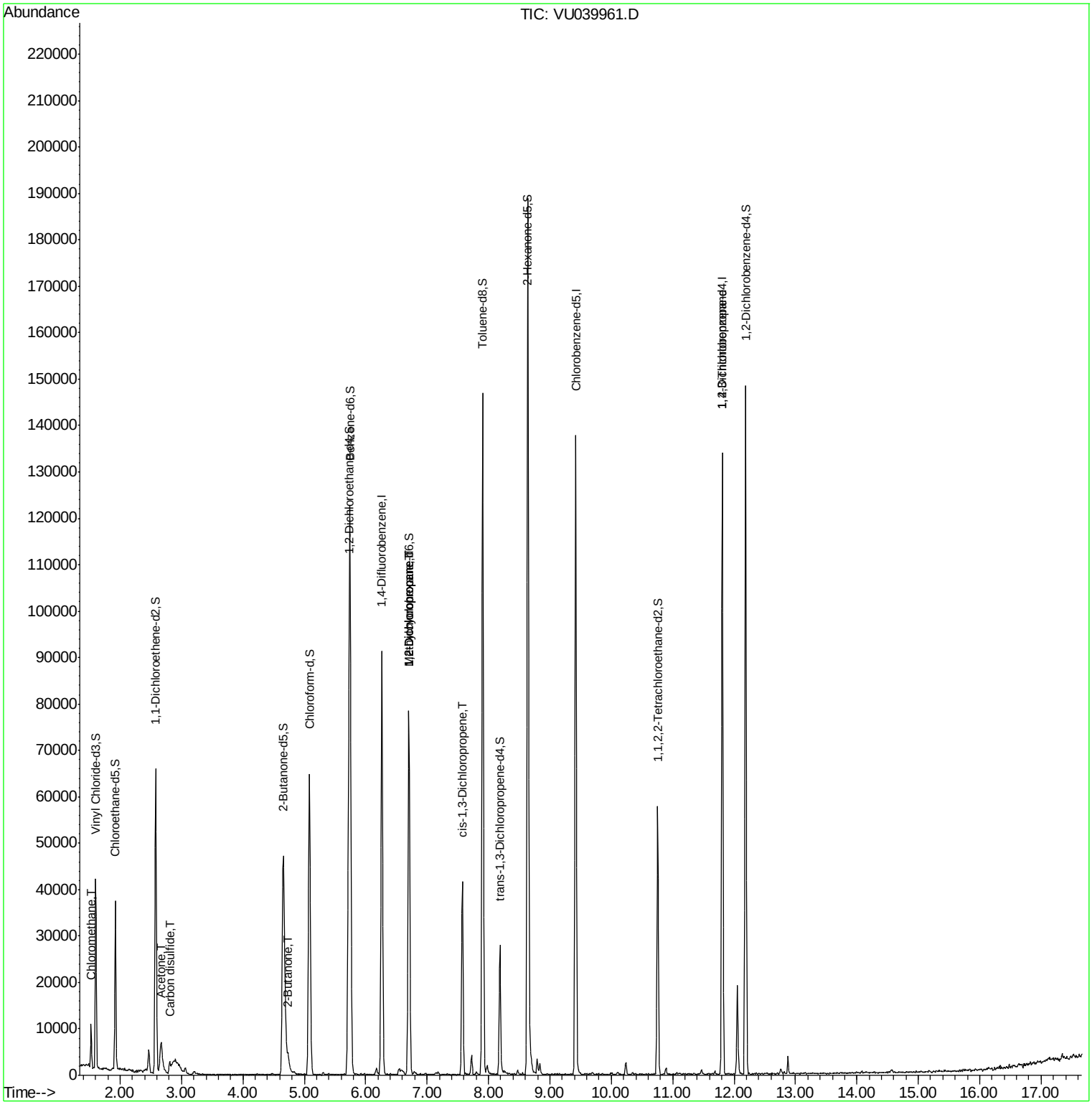
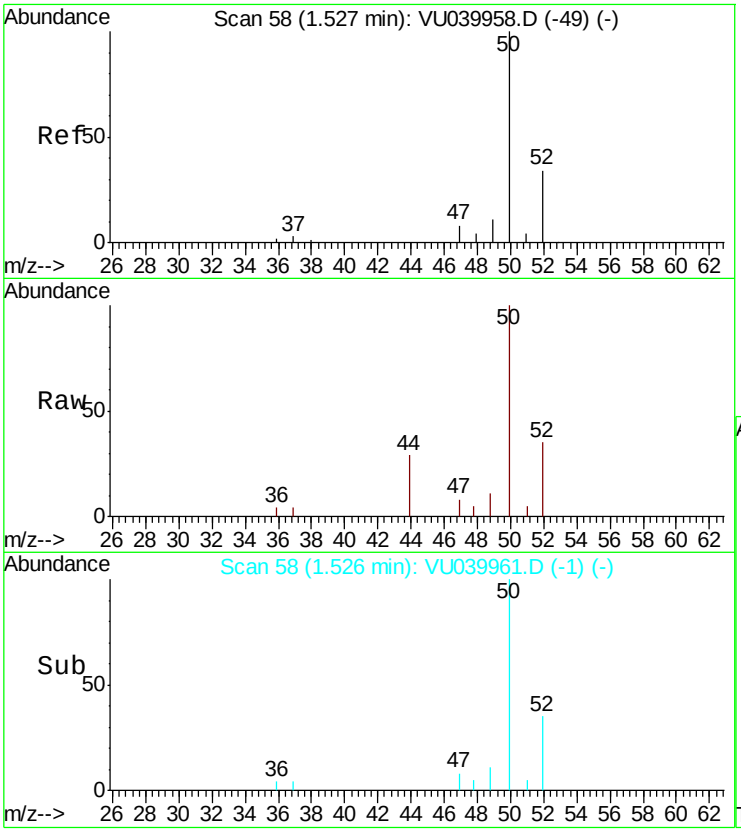


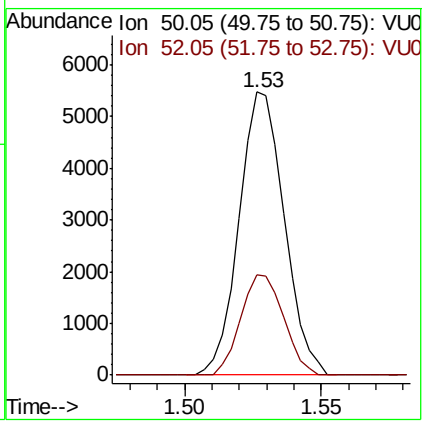


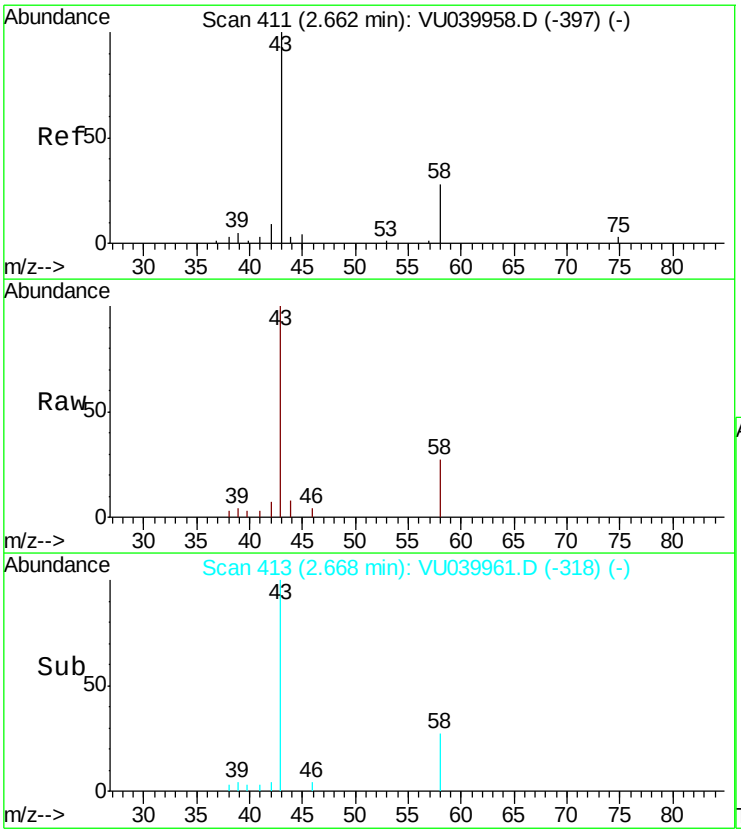
#3
Chloromethane
Concen: 0.764 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU039961.D
Acq: 25 Aug 2020 12:32

Instrument :
MSVOA_U
ClientSampleId :
BFSH3

Tgt Ion: 50 Resp: 6269

Ion	Ratio	Lower	Upper
50	100		
52	35.4	21.9	40.7

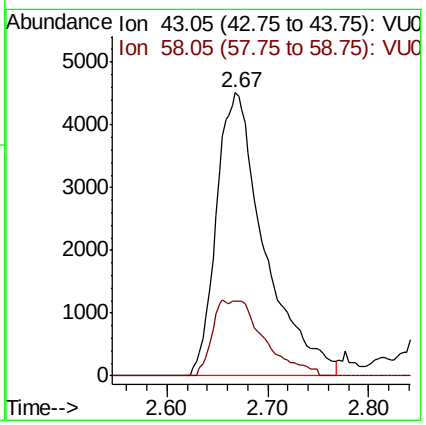


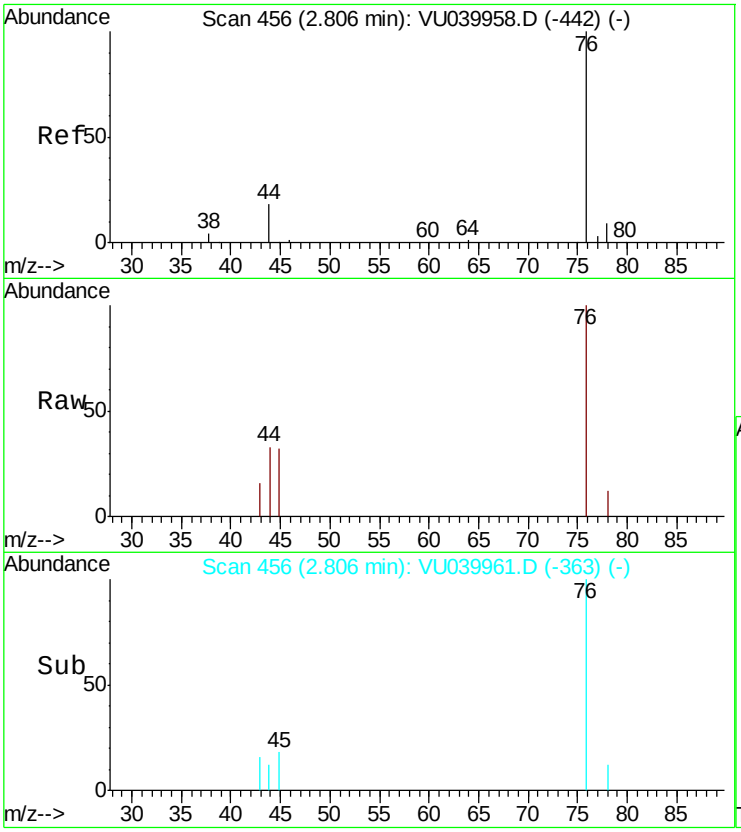


#13
Acetone
Concen: 11.260 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.01 min
Lab File: VU039961.D
Acq: 25 Aug 2020 12:32

Tgt Ion: 43 Resp: 14978

Ion	Ratio	Lower	Upper
43	100		
58	9.7	0.0	19.0



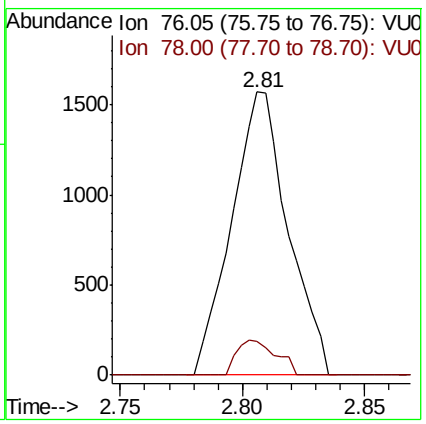


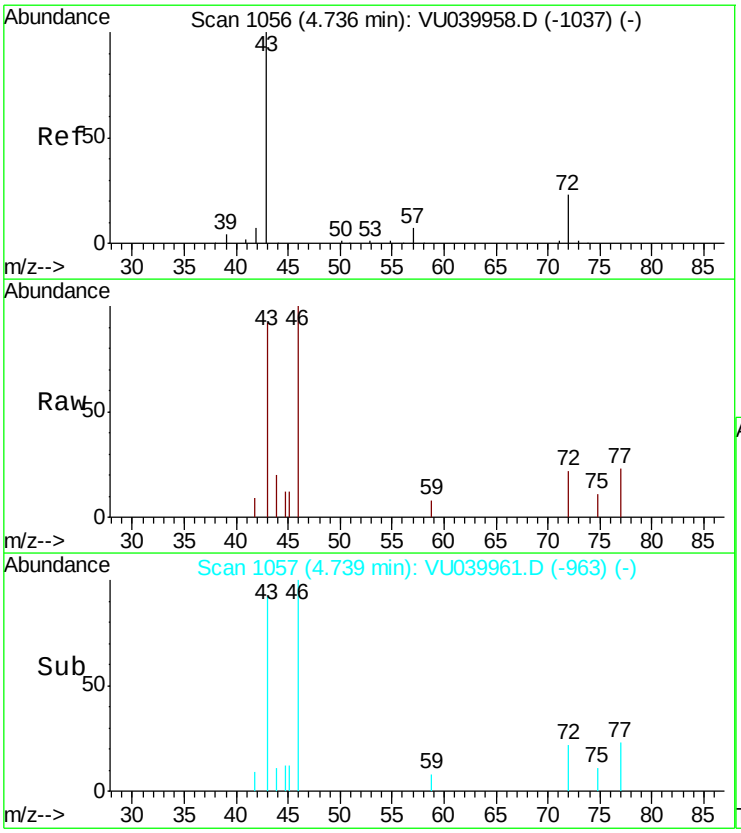
#14
Carbon disulfide
Concen: 0.128 ug/L
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU039961.D
Acq: 25 Aug 2020 12:32

Instrument : MSVOA_U
ClientSampleId : BFSH3

Tgt Ion: 76 Resp: 2516

Ion	Ratio	Lower	Upper
76	100		
78	12.0	7.4	11.0#

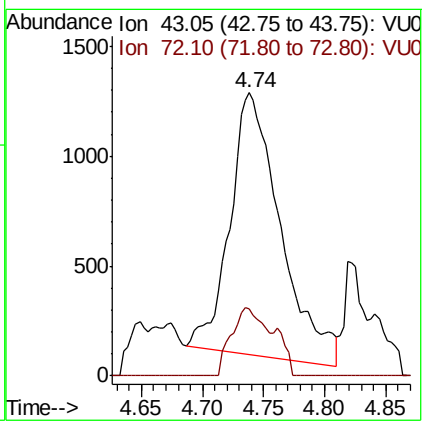


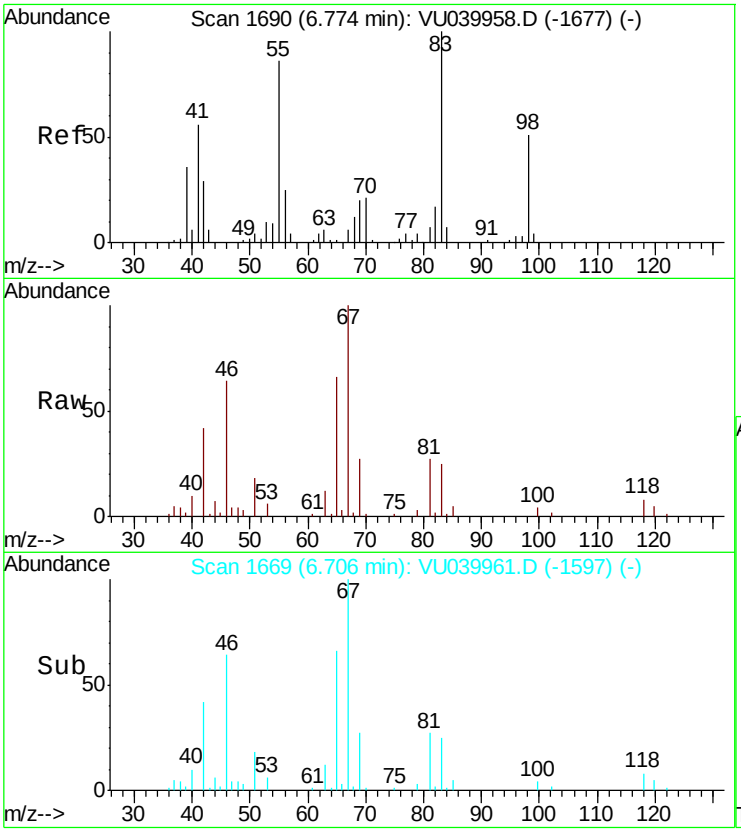


#21
2-Butanone
Concen: 1.479 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VU039961.D
Acq: 25 Aug 2020 12:32

Tgt Ion: 43 Resp: 3418

Ion	Ratio	Lower	Upper
43	100		
72	21.5	12.7	38.0



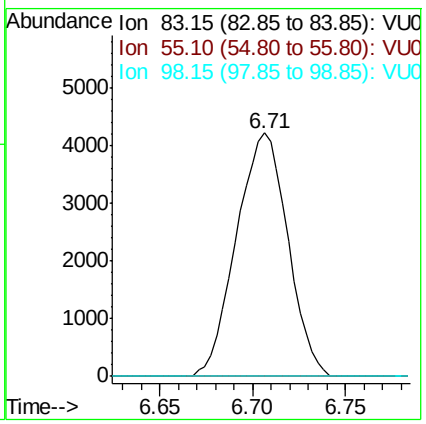


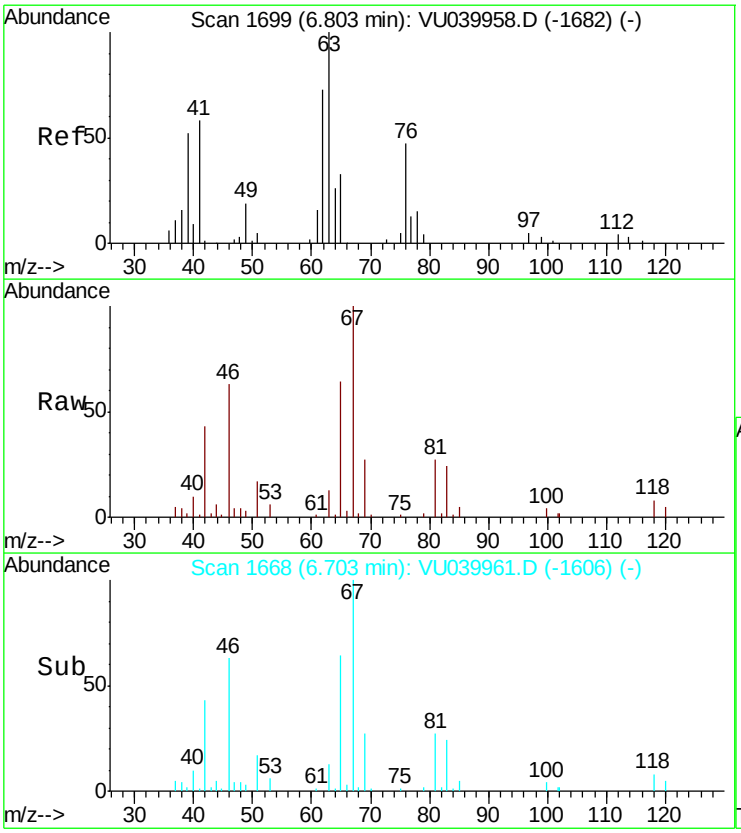
#35
Methylcyclohexane
Concen: 0.806 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039961.D
Acq: 25 Aug 2020 12:32

Instrument : MSVOA_U
ClientSampleId : BFSH3

Tgt Ion: 83 Resp: 8089

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.1	96.1#
98	1.5	39.4	59.0#

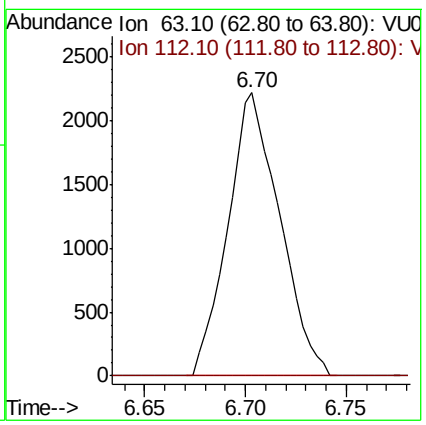


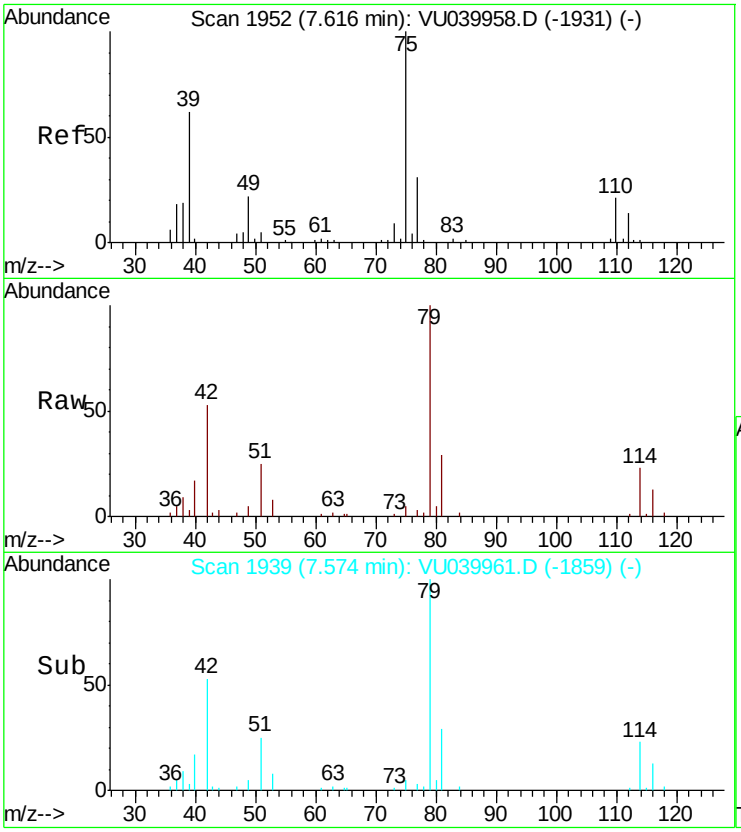


#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039961.D
Acq: 25 Aug 2020 12:32

Tgt Ion: 63 Resp: 3988

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#



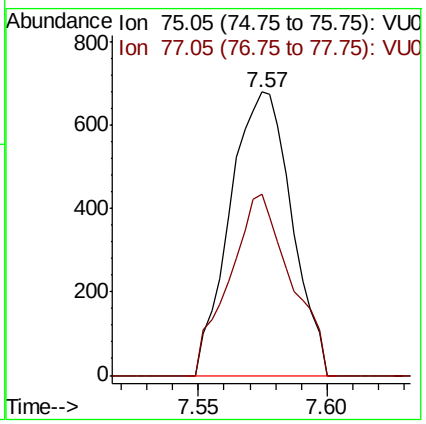


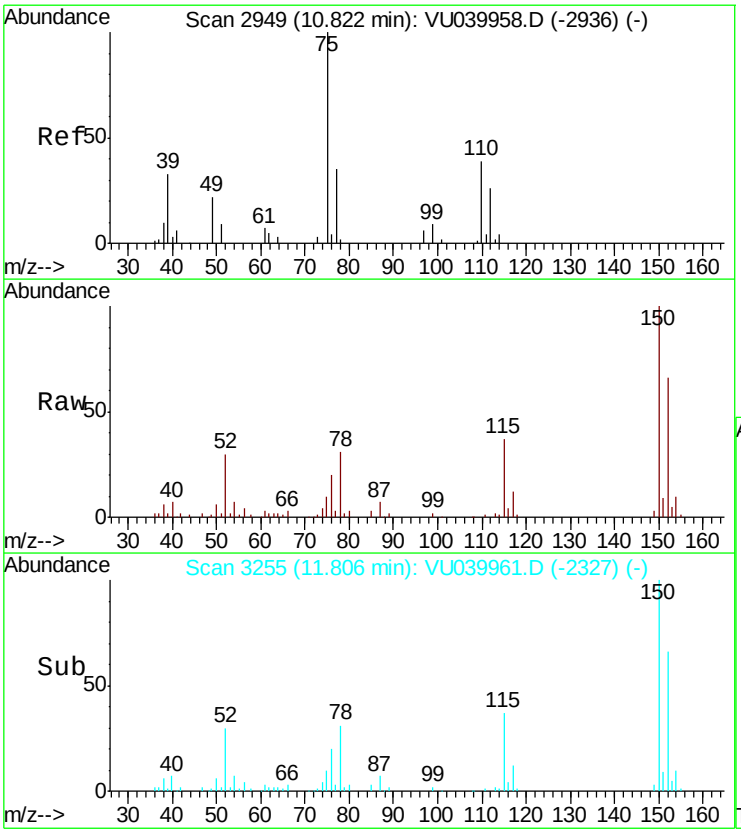
#39
cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039961.D
Acq: 25 Aug 2020 12:32

Instrument :
MSVOA_U
ClientSampleId :
BFSH3

Tgt Ion: 75 Resp: 1133

Ion	Ratio	Lower	Upper
75	100		
77	63.8	22.6	42.0#





#59
1,2,3-Trichloropropane
Concen: 0.974 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU039961.D
Acq: 25 Aug 2020 12:32

Tgt Ion: 75 Resp: 4680

Ion	Ratio	Lower	Upper
75	100		
77	38.0	27.4	41.2