Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
Data File : VU040422.D
Acq On : 01 Oct 2020 14:13
Operator : SY/MD
Sample : L4202-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSB8

Quant Time: Oct 02 03:22:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 03:13:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	131431	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60437	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26395	4.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.20%			
7) Chloroethane-d5	1.92	69	26985	4.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.80%			
11) 1,1-Dichloroethene-d2	2.58	63	44588	2.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.00%#			
20) 2-Butanone-d5	4.66	46	168206	52.04	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.08%			
24) Chloroform-d	5.08	84	72466	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.72	65	44447	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
32) Benzene-d6	5.75	84	124187	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
36) 1,2-Dichloropropane-d6	6.70	67	45674	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.91	98	96393	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
43) trans-1,3-Dichloropropene-	8.19	79	17496	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.64	63	114268	47.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.48%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46514	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46548	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
13) Acetone	2.66	43	23876	8.865	ug/L	94
21) 2-Butanone	4.74	43	8349	1.931	ug/L	92
27) 1,2-Dichloroethane	5.75	62	612	0.041	ug/L #	74
35) Methylcyclohexane	6.70	83	10847	0.613	ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5410	0.427	ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1278	0.075	ug/L	97
42) Toluene	7.98	91	1777	0.038	ug/L	91
44) trans-1,3-Dichloropropene	8.18	75	795	0.051	ug/L	89
47) Tetrachloroethene	8.56	164	1982	0.231	ug/L	85
48) 2-Hexanone	8.69	43	3589	0.491	ug/L #	86
49) Dibromochloromethane	8.55	129	1786	0.173	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	8336	0.908	ug/L	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100120\
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Operator : SY/MD
Sample : L4202-05
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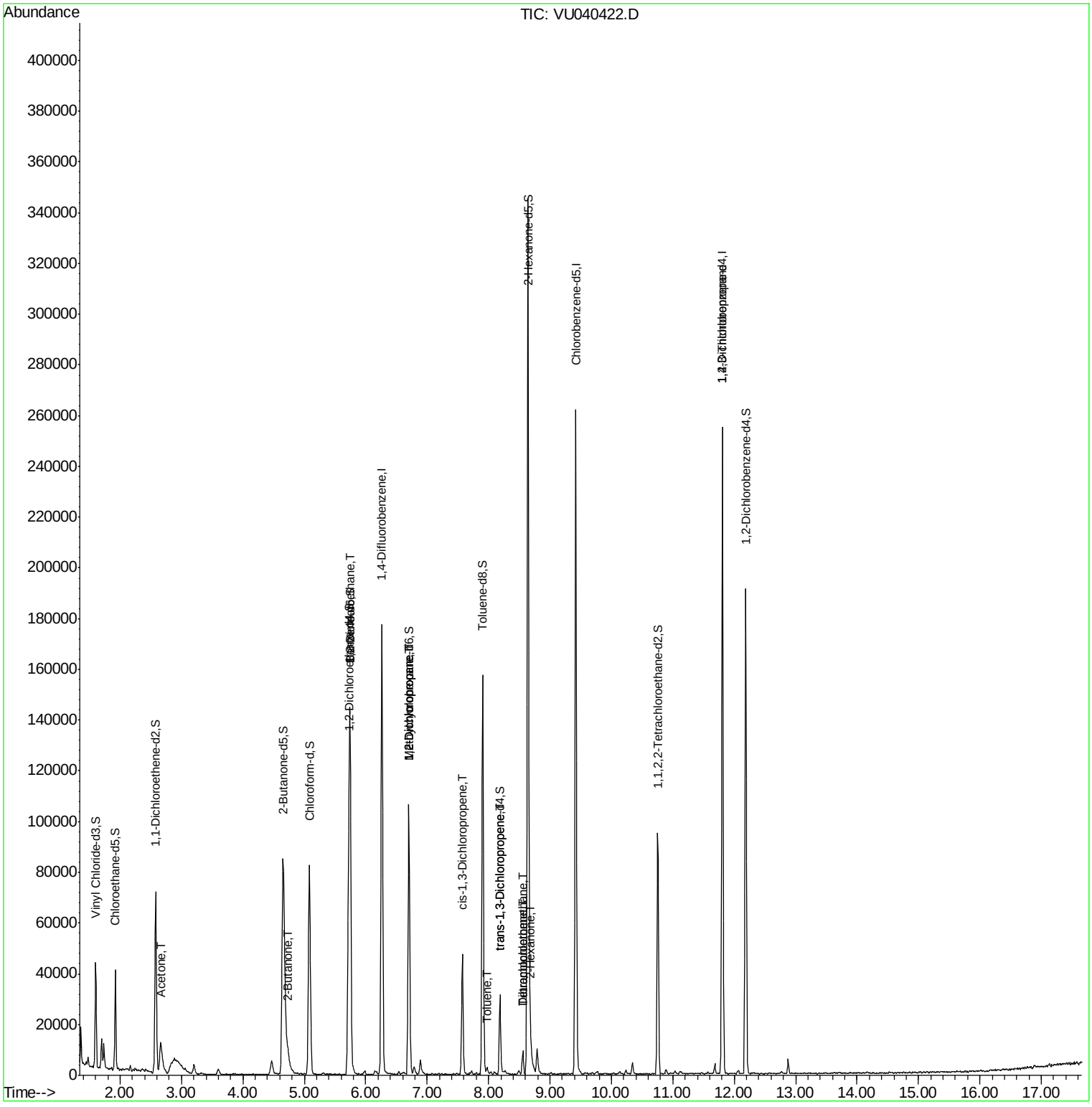
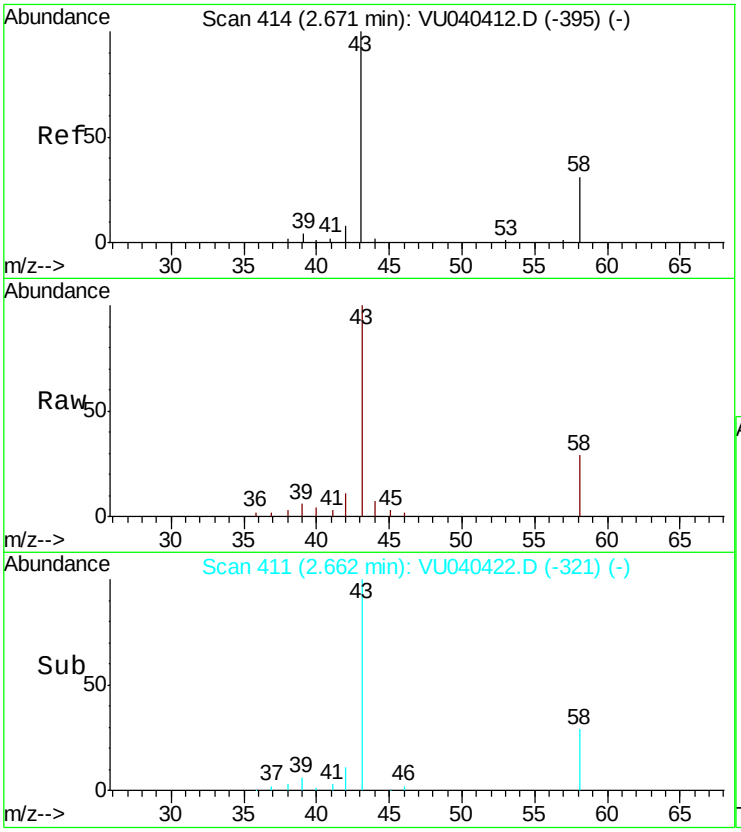
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFSB8

Quant Time: Oct 02 03:22:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 03:13:35 2020
Response via : Initial Calibration



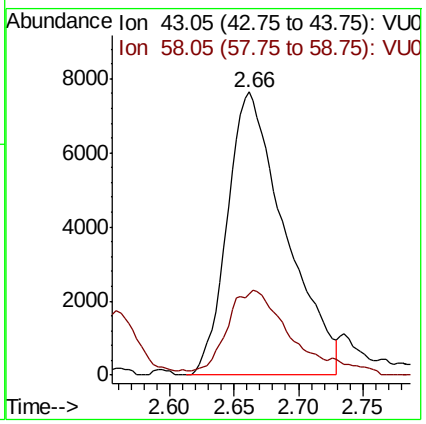


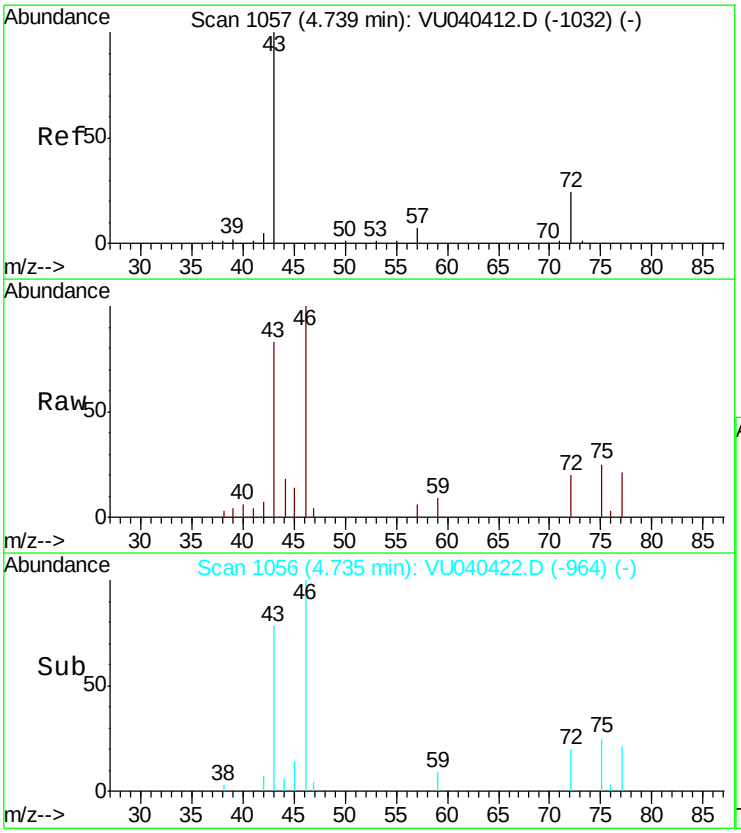
#13
Acetone
Concen: 8.865 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Instrument :
MSVOA_U
ClientSampleId :
BFSB8

Tgt Ion: 43 Resp: 23876

Ion	Ratio	Lower	Upper
43	100		
58	27.8	0.0	61.8

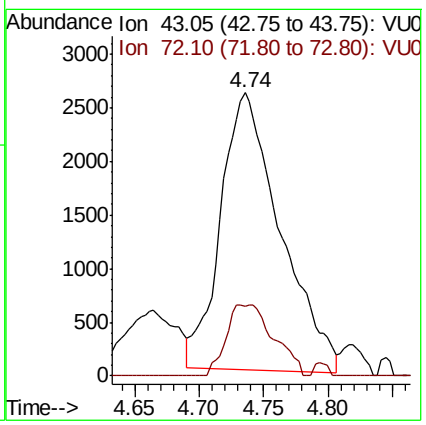


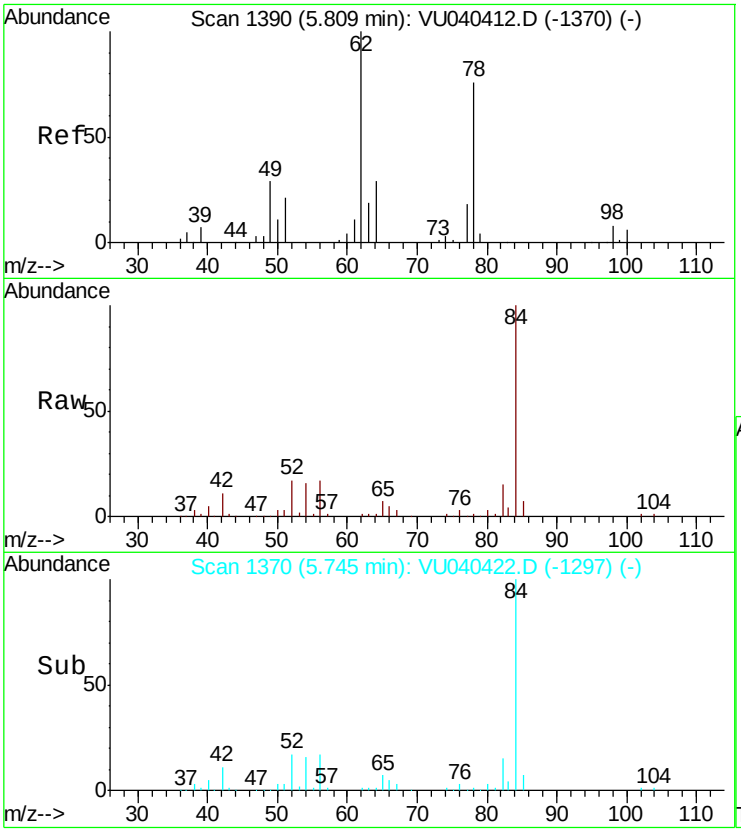


#21
2-Butanone
Concen: 1.931 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Tgt Ion: 43 Resp: 8349

Ion	Ratio	Lower	Upper
43	100		
72	20.3	12.0	36.1



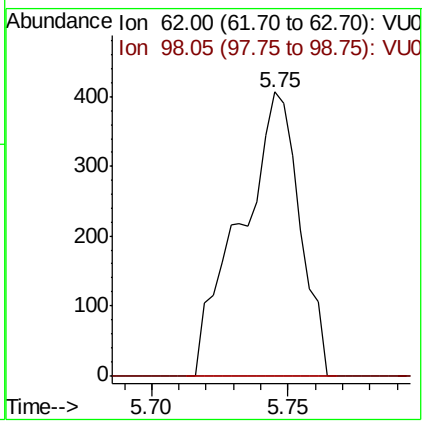


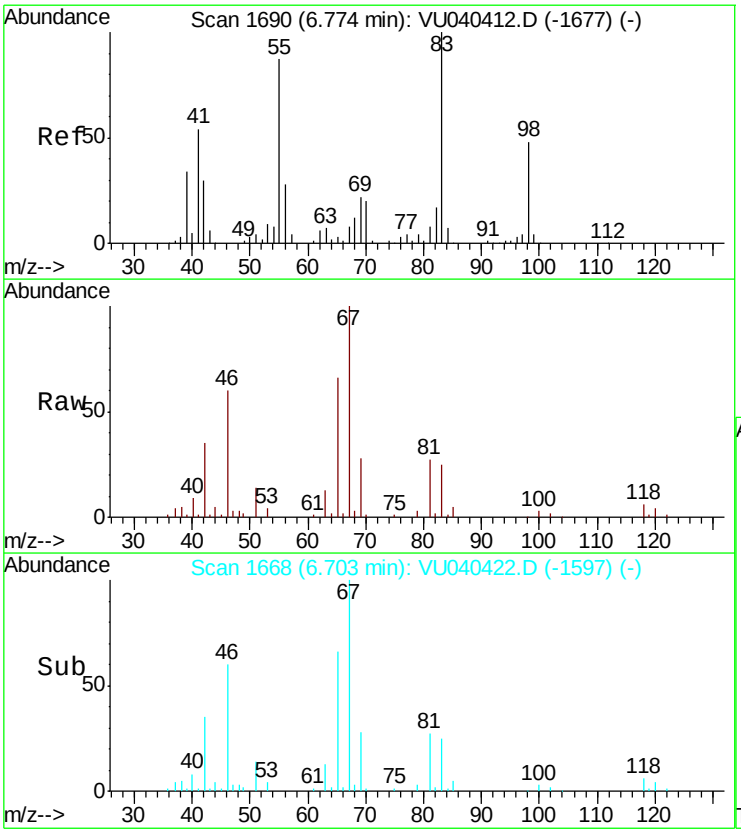
#27
1,2-Dichloroethane
Concen: 0.041 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Instrument :
MSVOA_U
ClientSampleId :
BFSB8

Tgt Ion: 62 Resp: 612

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

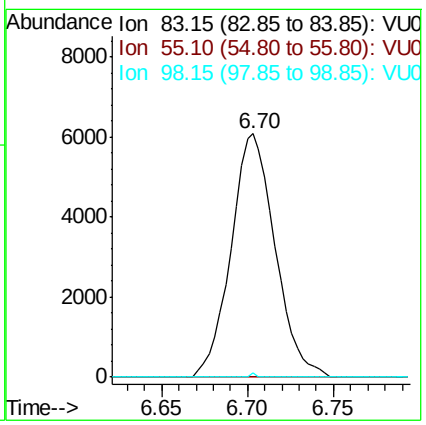


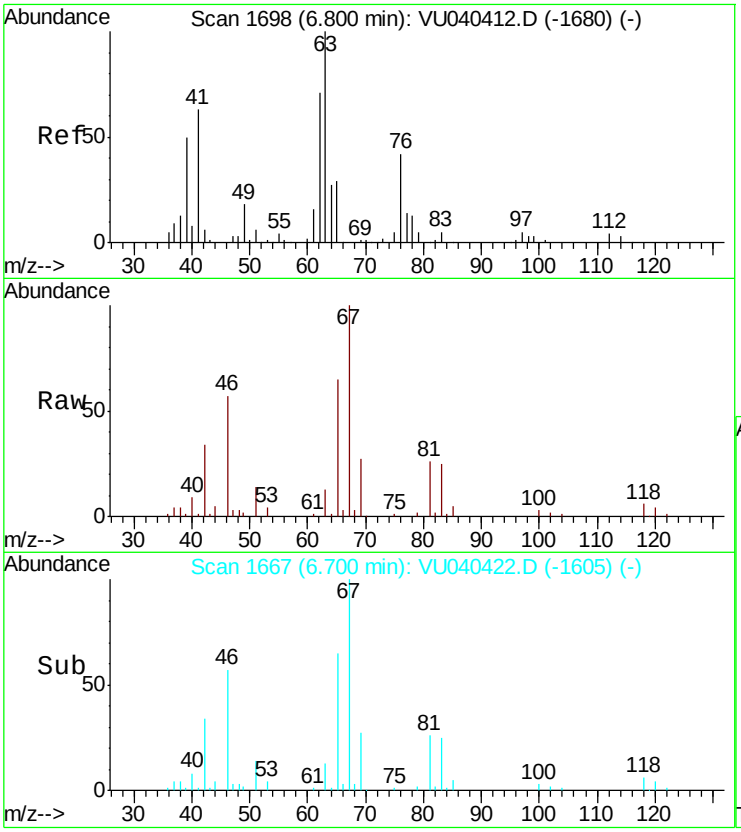


#35
Methylcyclohexane
Concen: 0.613 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Tgt Ion: 83 Resp: 10847

Ion	Ratio	Lower	Upper
83	100		
55	2.7	71.4	107.2#
98	0.2	38.5	57.7#



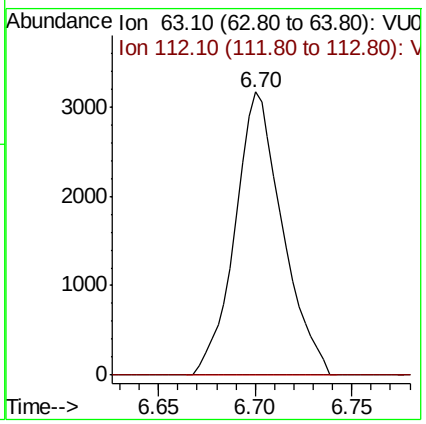


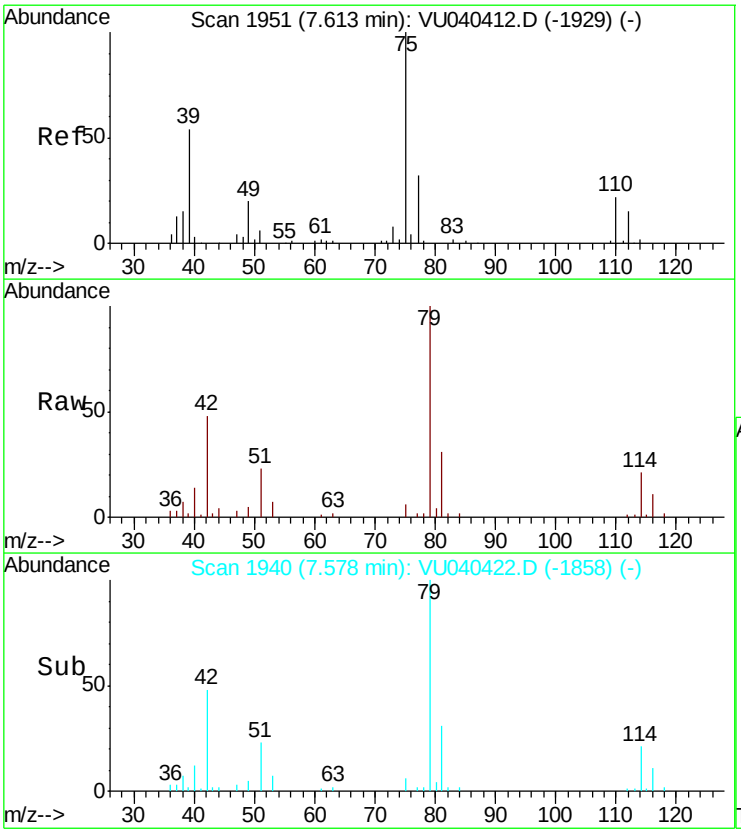
#37
1,2-Dichloropropane
Concen: 0.427 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Instrument :
MSVOA_U
ClientSampleId :
BFSB8

Tgt Ion: 63 Resp: 5410

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

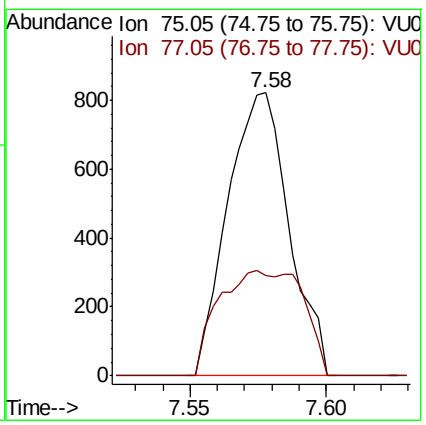


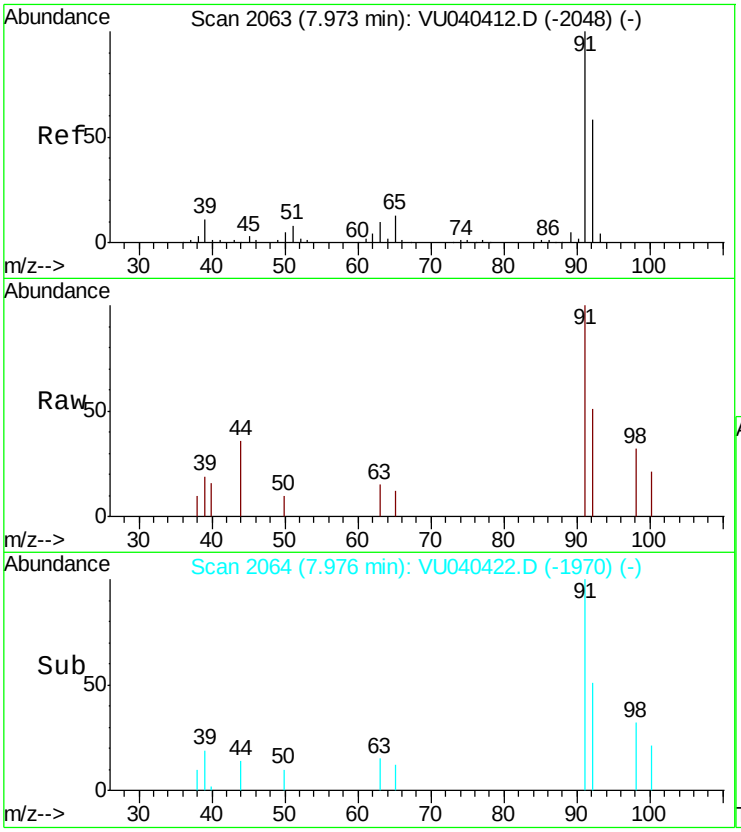


#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Tgt Ion: 75 Resp: 1278

Ion	Ratio	Lower	Upper
75	100		
77	35.3	23.5	43.7



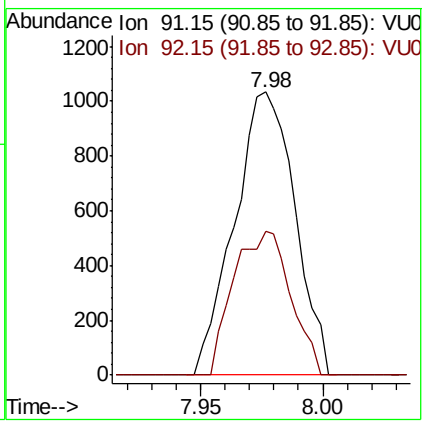


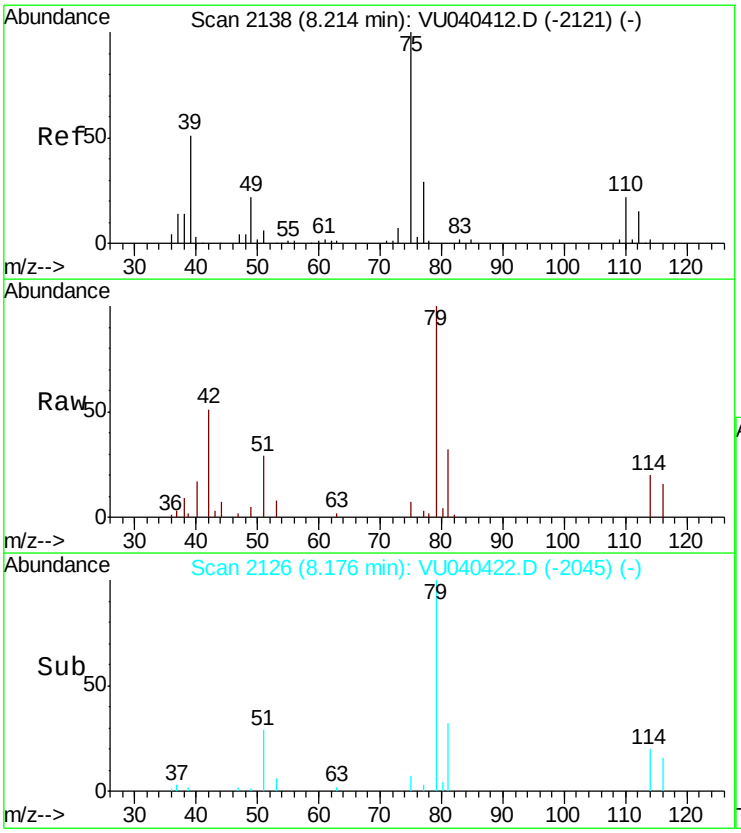
#42
Toluene
Concen: 0.038 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Instrument : MSVOA_U
ClientSampleId : BFSB8

Tgt Ion: 91 Resp: 1777

Ion	Ratio	Lower	Upper
91	100		
92	50.6	40.0	74.4

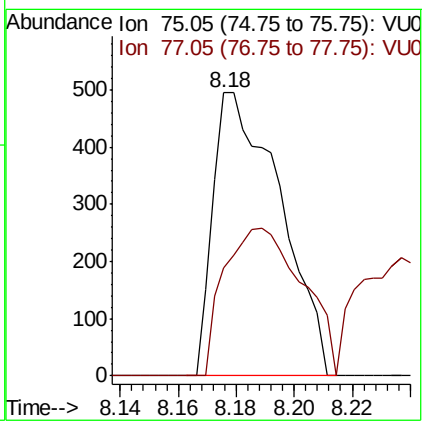


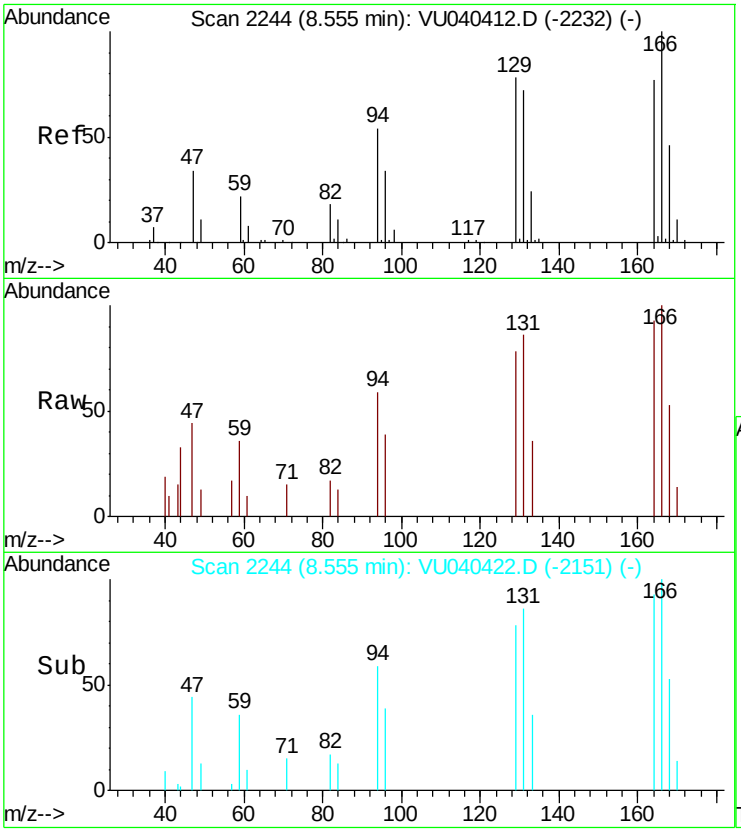


#44
trans-1,3-Dichloropropene
Concen: 0.051 ug/L
RT: 8.18 min Scan# 2126
Delta R.T. -0.04 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Tgt Ion: 75 Resp: 795

Ion	Ratio	Lower	Upper
75	100		
77	38.0	22.3	41.3



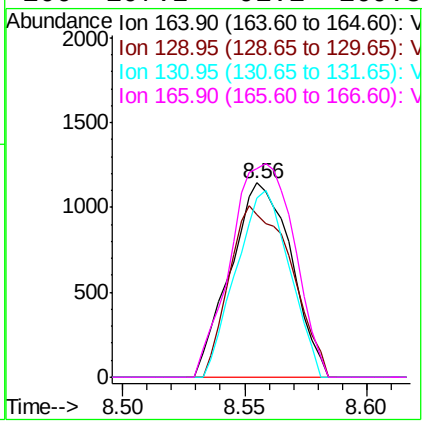


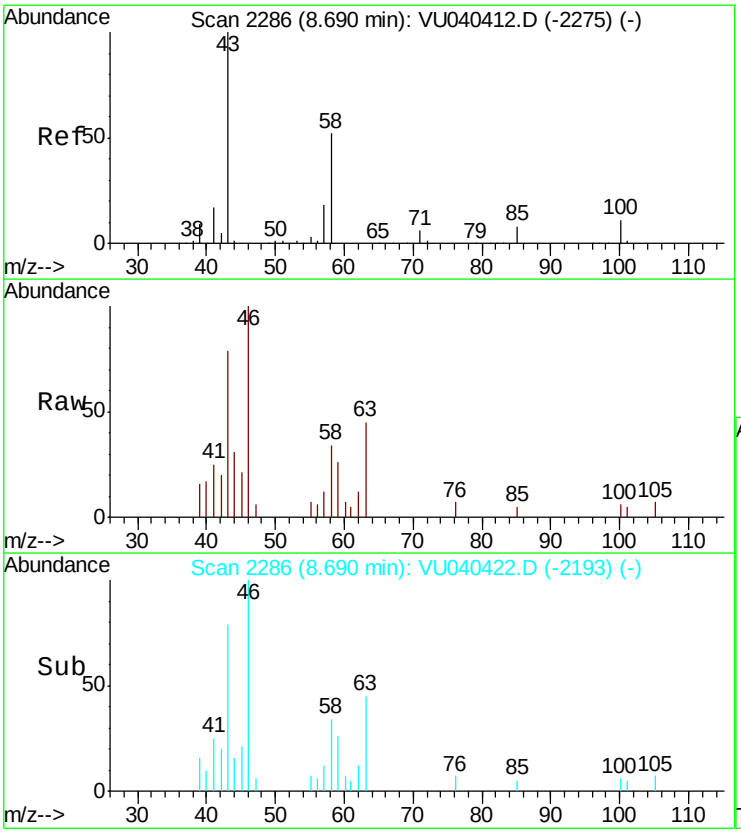
#47
Tetrachloroethene
Concen: 0.231 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Instrument :
MSVOA_U
ClientSampleId :
BFSB8

Tgt Ion:164 Resp: 1982

Ion	Ratio	Lower	Upper
164	100		
129	83.7	70.3	130.7
131	92.5	69.2	128.6
166	107.2	91.1	169.3

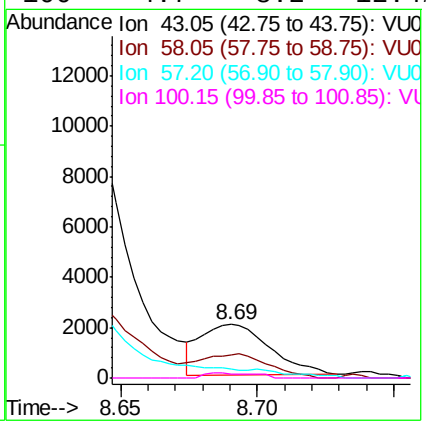


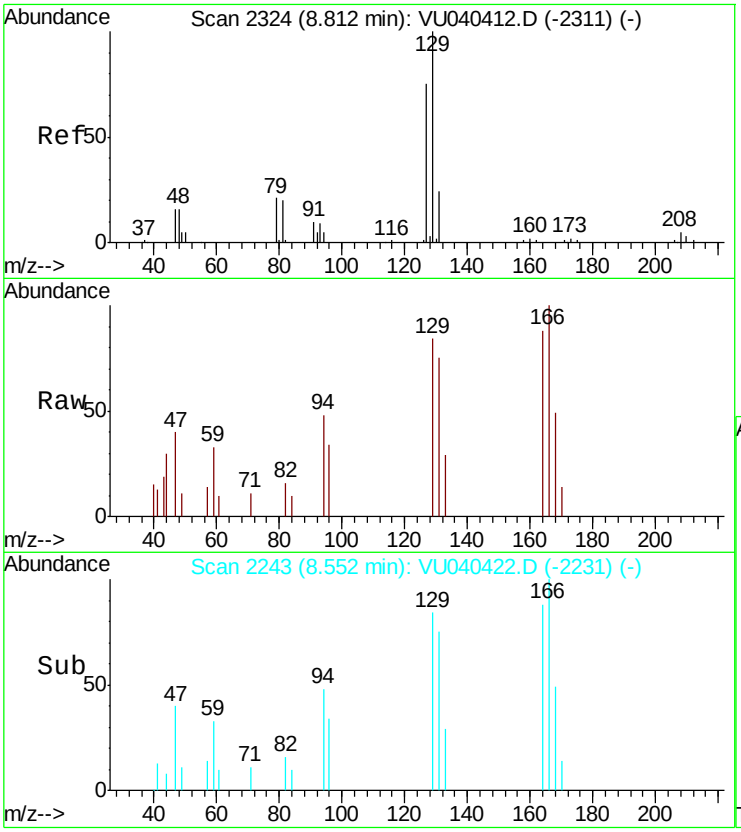


#48
2-Hexanone
Concen: 0.491 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Tgt Ion: 43 Resp: 3589

Ion	Ratio	Lower	Upper
43	100		
58	48.8	41.0	61.4
57	0.0	14.6	22.0#
100	4.7	8.2	12.4#



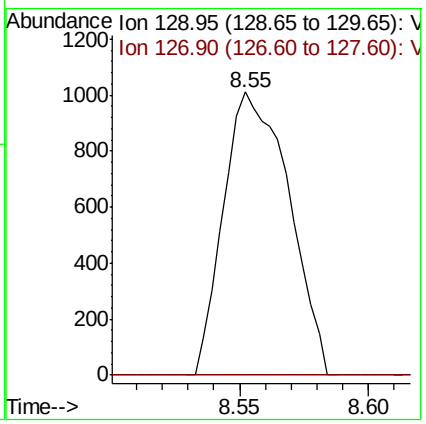


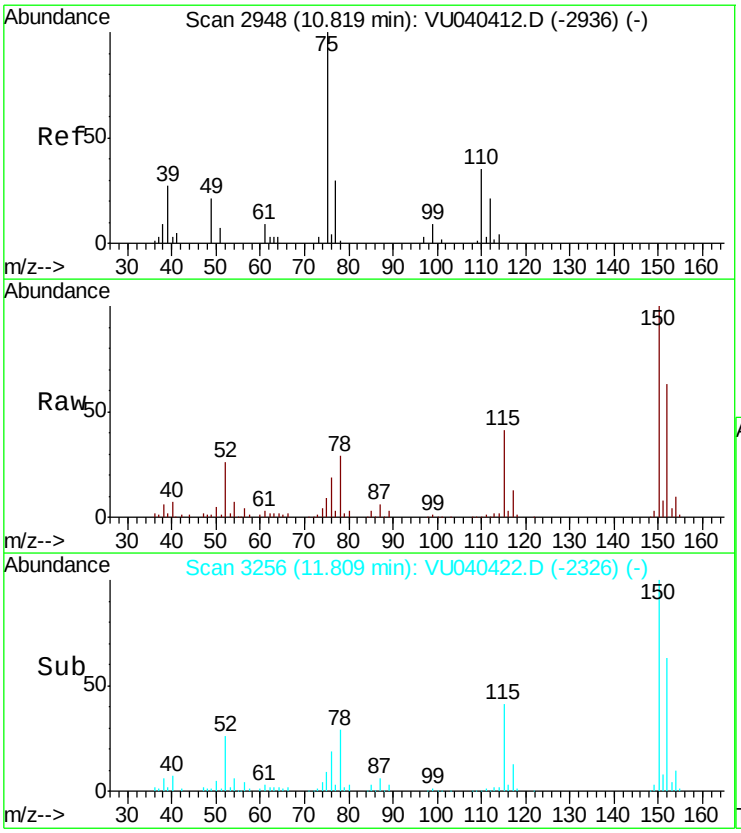
#49
Dibromochloromethane
Concen: 0.173 ug/L
RT: 8.55 min Scan# 2243
Delta R.T. -0.26 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Instrument : MSVOA_U
ClientSampleId : BFSB8

Tgt Ion:129 Resp: 1786

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	103.0#





#59
1,2,3-Trichloropropane
Concen: 0.908 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040422.D
Acq: 01 Oct 2020 14:13

Tgt Ion: 75 Resp: 8336

Ion	Ratio	Lower	Upper
75	100		
77	37.3	25.7	38.5