Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040815.D
Acq On : 19 Oct 2020 19:32
Operator : SY/MD
Sample : L4420-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH5

Quant Time: Oct 20 01:40:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 01:28:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110198	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51235	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	46605	5.10	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.00%			
7) Chloroethane-d5	1.92	69	40135	5.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.00%			
11) 1,1-Dichloroethene-d2	2.58	63	70267	3.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.80%			
20) 2-Butanone-d5	4.65	46	173213	59.28	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.56%			
24) Chloroform-d	5.08	84	91802	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.60%			
26) 1,2-Dichloroethane-d4	5.72	65	54857	5.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.40%			
32) Benzene-d6	5.75	84	163762	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
36) 1,2-Dichloropropane-d6	6.70	67	55581	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.00%			
41) Toluene-d8	7.91	98	131913	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	8.19	79	21644	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.64	63	121763	52.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.28%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50192	5.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55195	5.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.20%			
Target Compounds						Qvalue
3) Chloromethane	1.52	50	789	0.085	ug/L #	43
8) Chloroethane	1.97	64	443	0.071	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	692	0.075	ug/L #	20
12) 1,1-Dichloroethene	2.58	96	474	0.060	ug/L #	1
13) Acetone	2.66	43	4670	2.062	ug/L	94
14) Carbon disulfide	2.81	76	13148	0.597	ug/L	96
15) Methyl Acetate	2.97	43	1006	0.195	ug/L #	56
25) Chloroform	5.11	83	36325	2.090	ug/L	99
30) Cyclohexane	5.41	56	699	0.048	ug/L #	46
35) Methylcyclohexane	6.70	83	13559	0.970	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6022	0.569	ug/L #	87
38) Bromodichloromethane	7.12	83	2948	0.218	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1563	0.108	ug/L #	70
42) Toluene	7.97	91	4037	0.104	ug/L	87
44) trans-1,3-Dichloropropene	8.19	75	1174	0.088	ug/L #	67
59) 1,2,3-Trichloropropane	11.81	75	6715	0.863	ug/L	89

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101920\
Data File : VU040815.D
Acq On : 19 Oct 2020 19:32
Operator : SY/MD
Sample : L4420-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AH5

Quant Time: Oct 20 01:40:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 01:28:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
Data File : VU040815.D
Acq On : 19 Oct 2020 19:32
Operator : SY/MD
Sample : L4420-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
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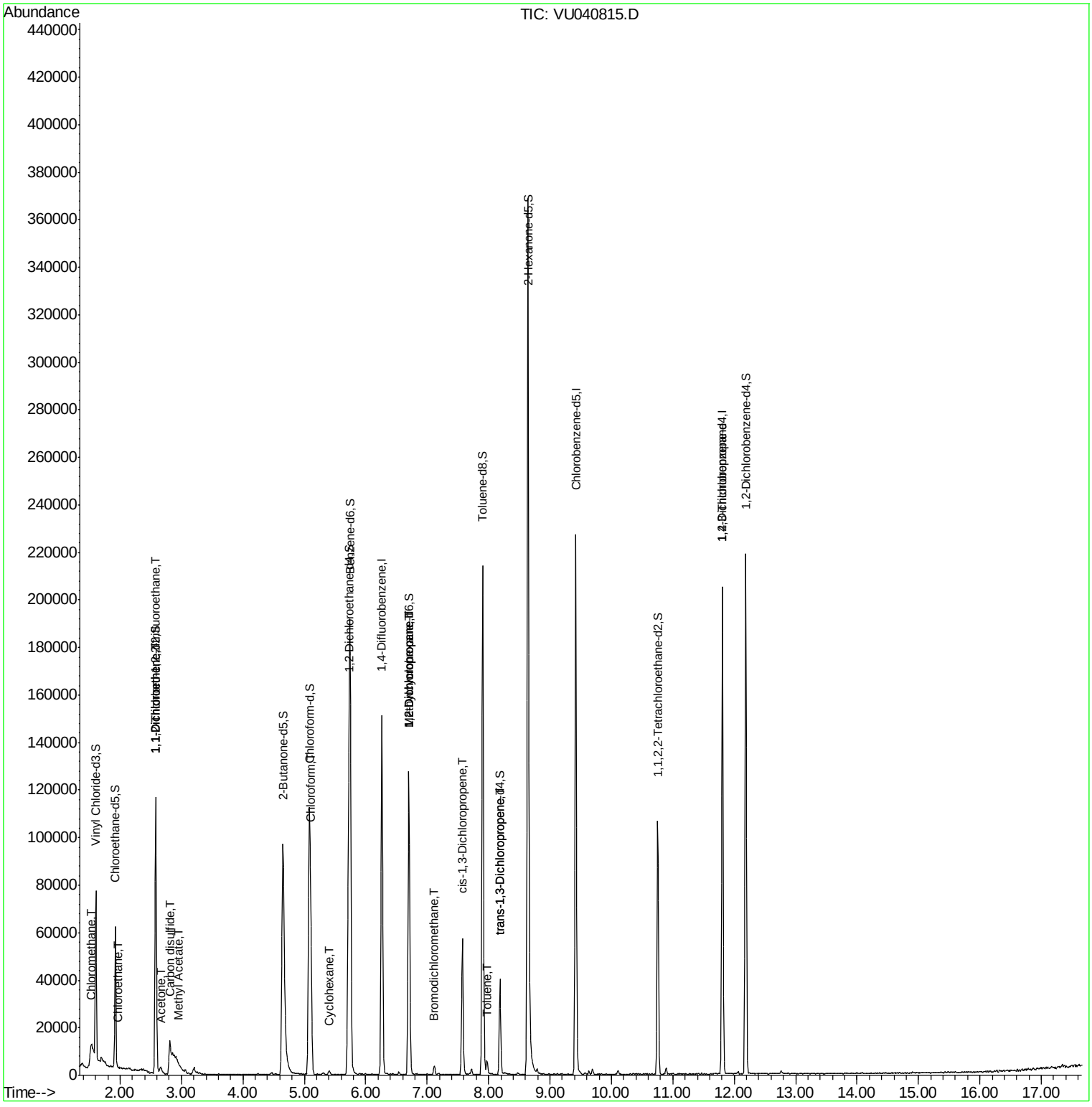
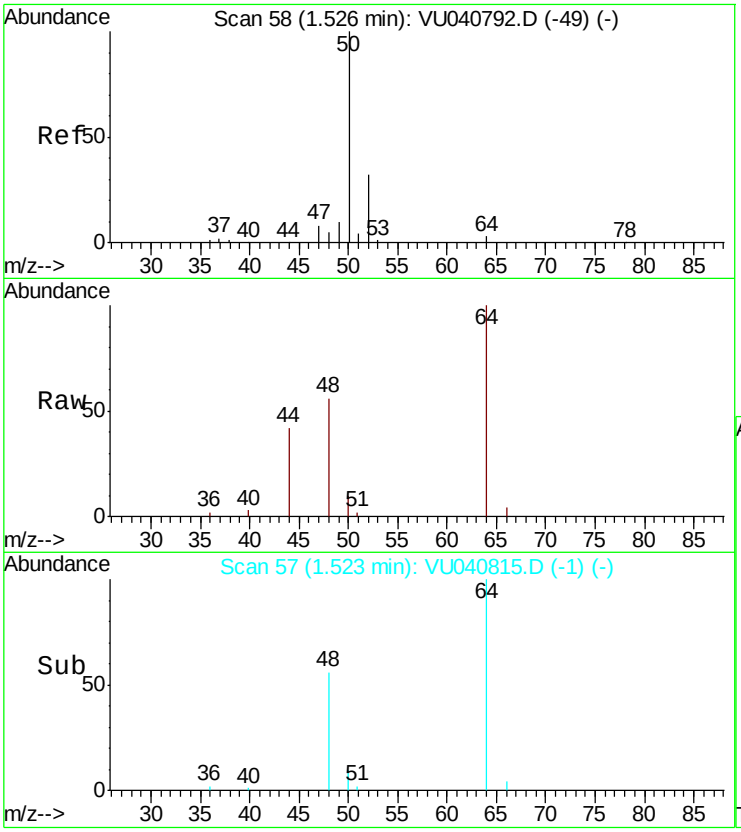
Quant Time: Oct 20 01:40:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 01:28:45 2020
Response via : Initial Calibration



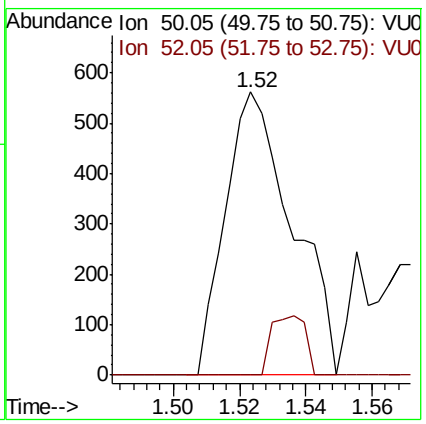


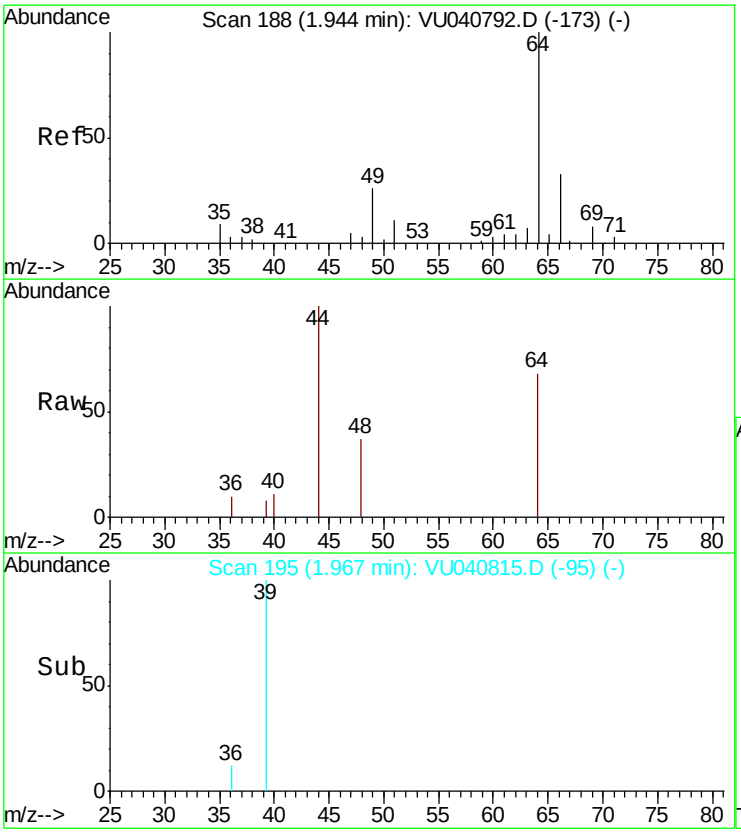
#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.52 min Scan# 57
Delta R.T. -0.00 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Instrument : MSVOA_U
ClientSampleId : C0AH5

Tgt Ion: 50 Resp: 789

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.9	40.7#

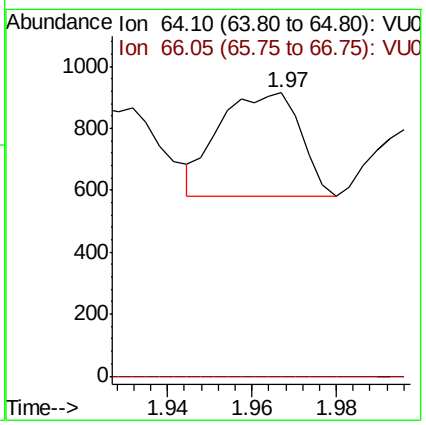


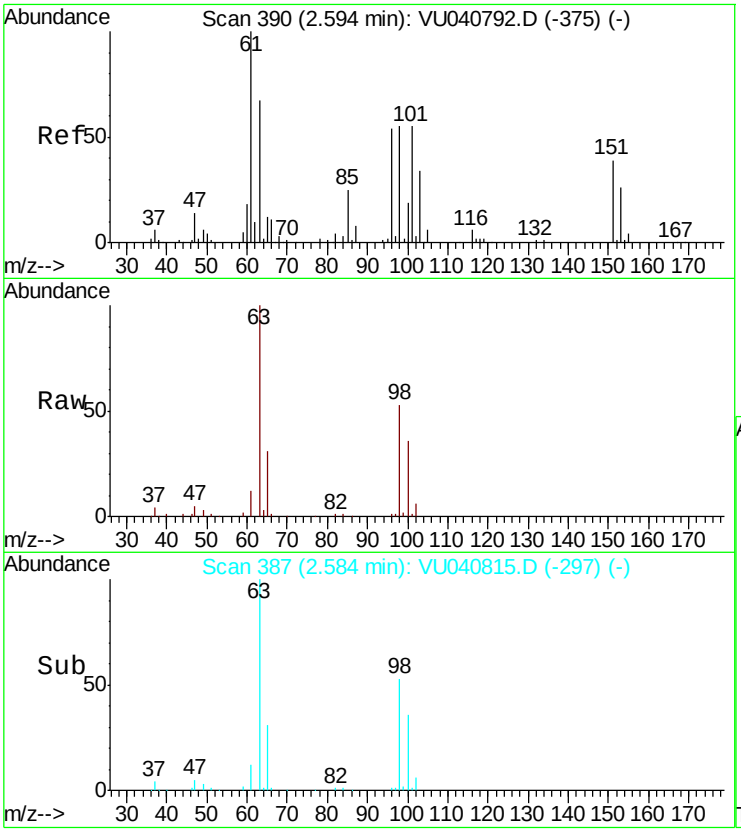


#8
Chloroethane
Concen: 0.071 ug/L
RT: 1.97 min Scan# 195
Delta R.T. 0.02 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Tgt Ion: 64 Resp: 443

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.3	43.3#



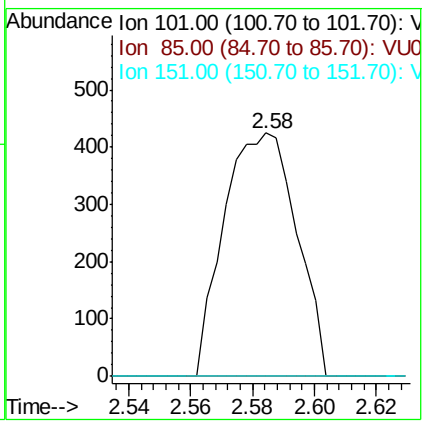


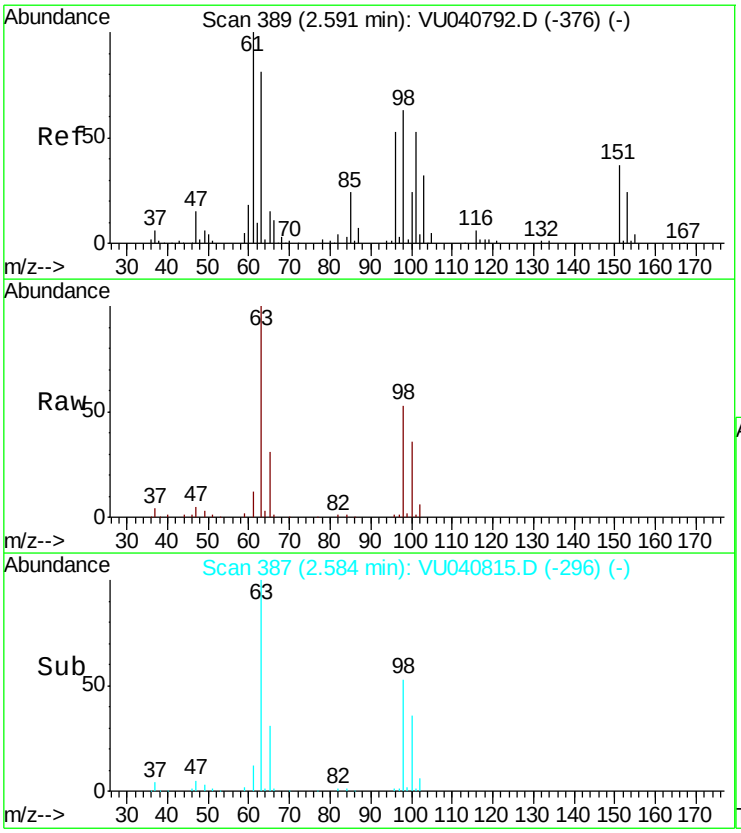
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
C0AH5

Tgt Ion:101 Resp: 692

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	58.0	87.0#

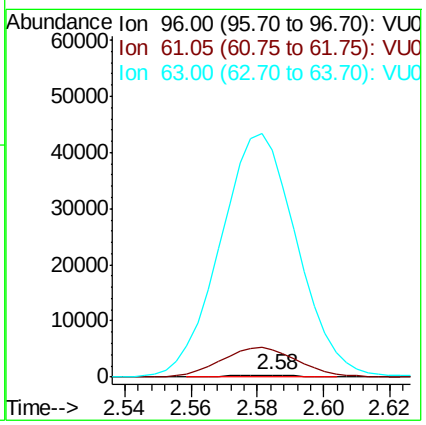


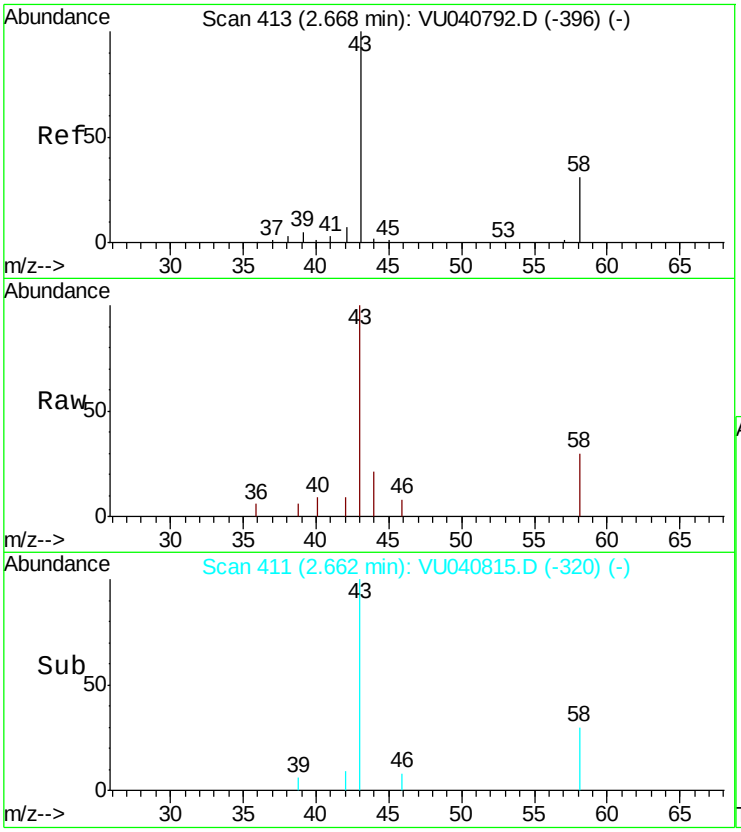


#12
1,1-Dichloroethene
Concen: 0.060 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Tgt Ion: 96 Resp: 474

Ion	Ratio	Lower	Upper
96	100		
61	1558.7	128.8	239.2#
63	12724.3	84.6	157.2#



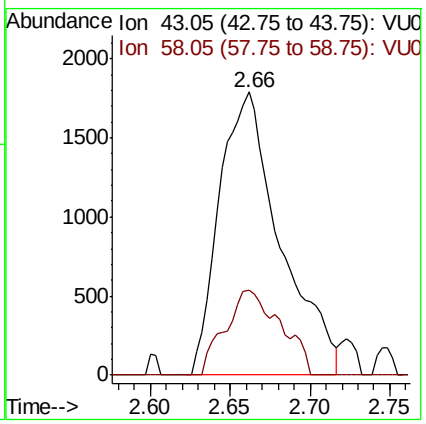


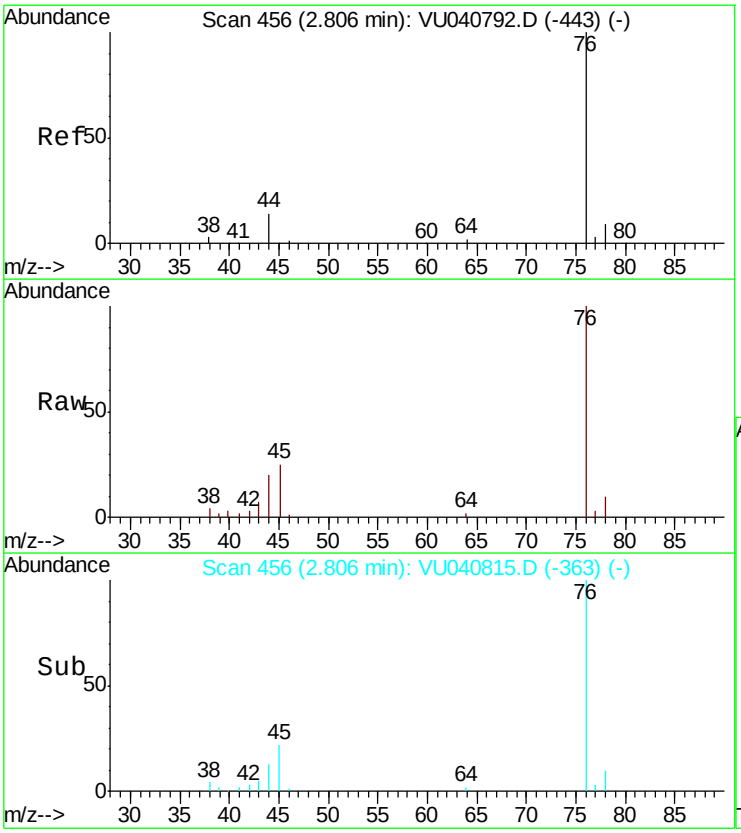
#13
Acetone
Concen: 2.062 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Instrument : MSVOA_U
ClientSampleId : C0AH5

Tgt Ion: 43 Resp: 4670

Ion	Ratio	Lower	Upper
43	100		
58	27.2	0.0	60.6

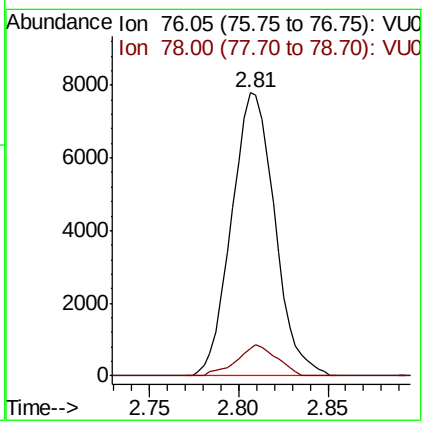


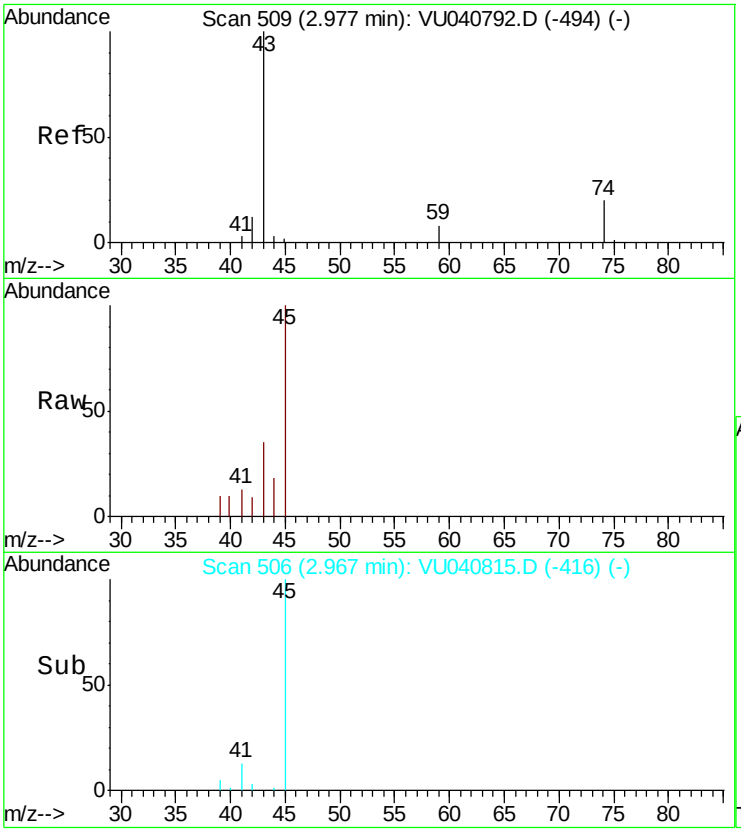


#14
Carbon disulfide
Concen: 0.597 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Tgt Ion: 76 Resp: 13148

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.8	10.2



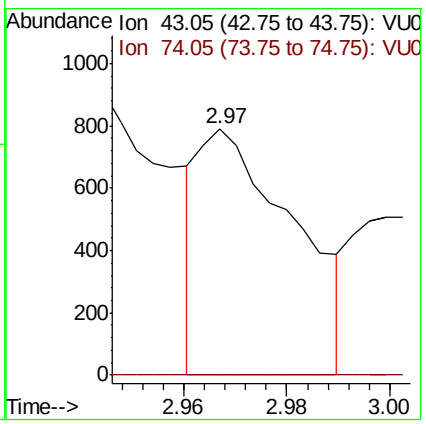


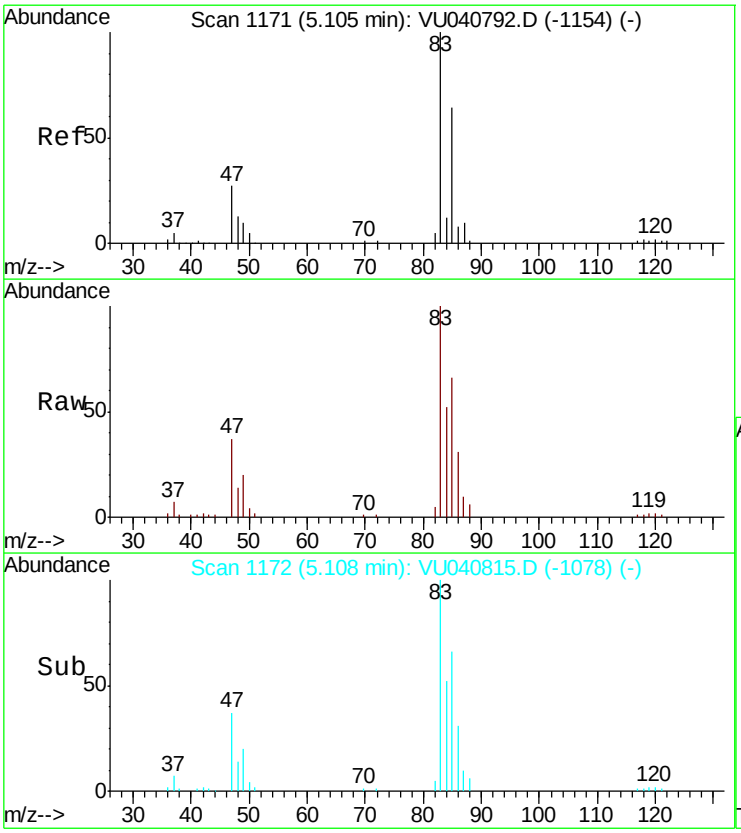
#15
Methyl Acetate
Concen: 0.195 ug/L
RT: 2.97 min Scan# 506
Delta R.T. -0.01 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
C0AH5

Tgt Ion: 43 Resp: 1006

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.5	24.7#

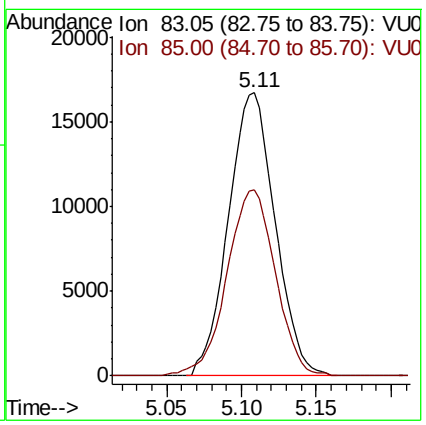


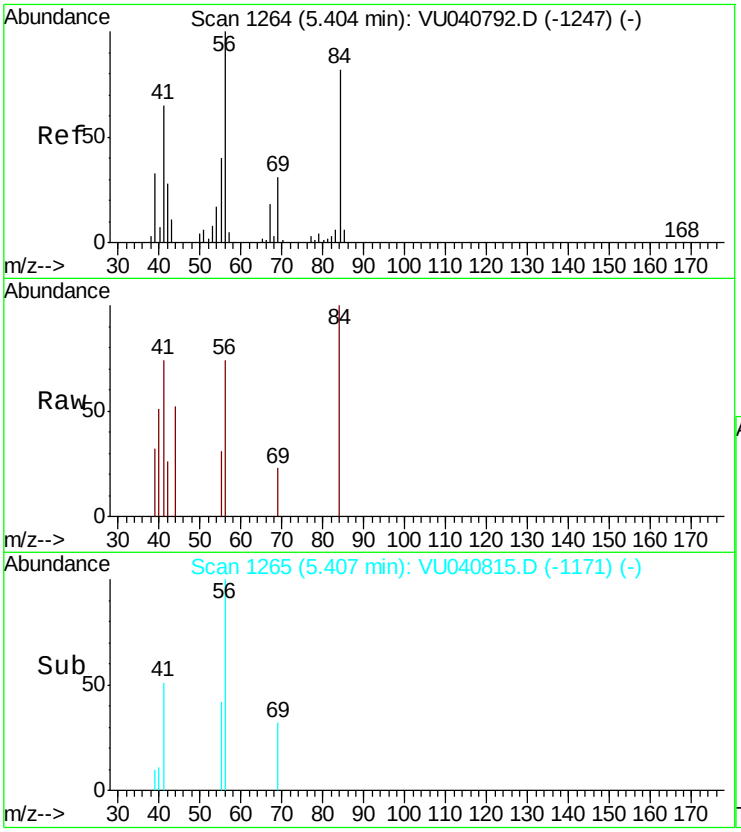


#25
Chloroform
Concen: 2.090 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Tgt Ion: 83 Resp: 36325

Ion	Ratio	Lower	Upper
83	100		
85	65.7	46.5	86.5



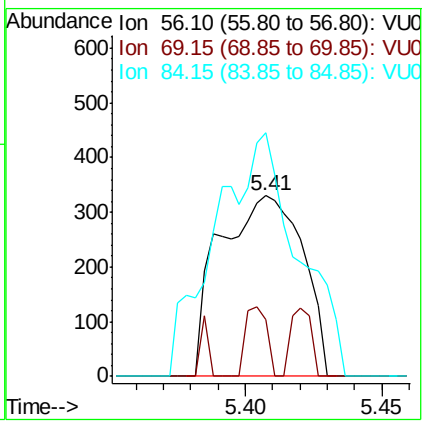


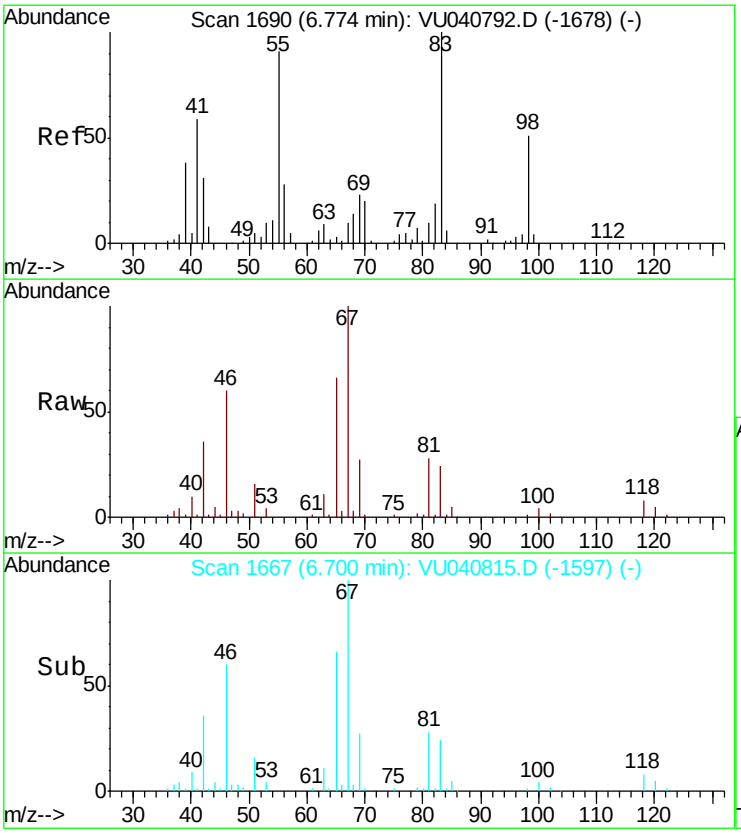
#30
Cyclohexane
Concen: 0.048 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Instrument : MSVOA_U
ClientSampleId : C0AH5

Tgt Ion: 56 Resp: 699

Ion	Ratio	Lower	Upper
56	100		
69	9.7	23.8	35.8#
84	133.0	64.0	96.0#

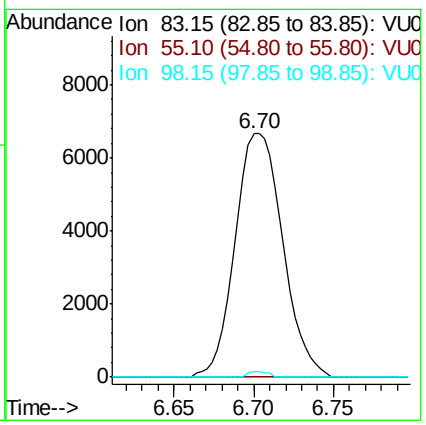


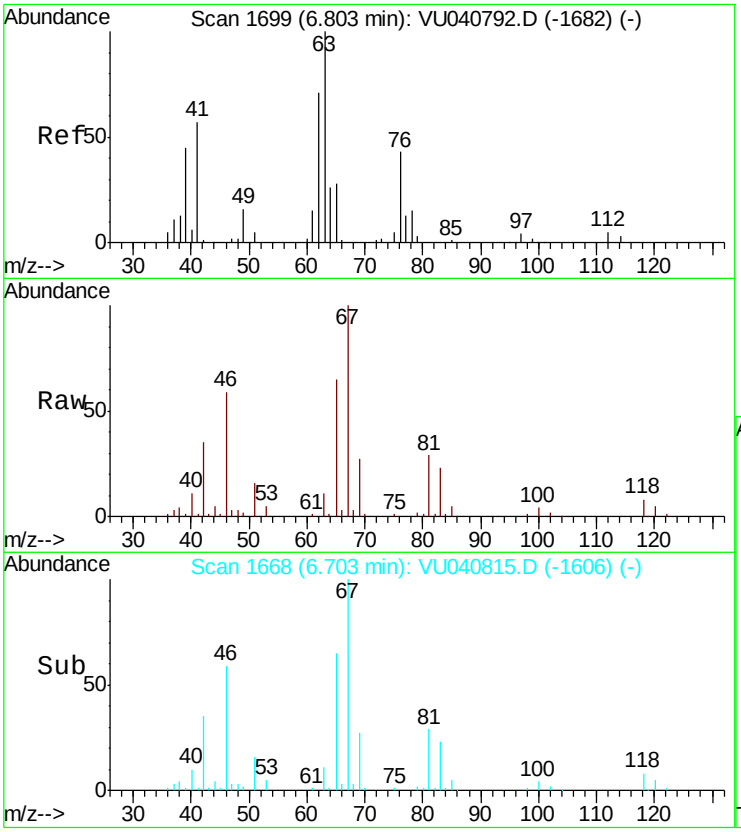


#35
Methylcyclohexane
Concen: 0.970 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Tgt Ion: 83 Resp: 13559

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.9	38.4	57.6#



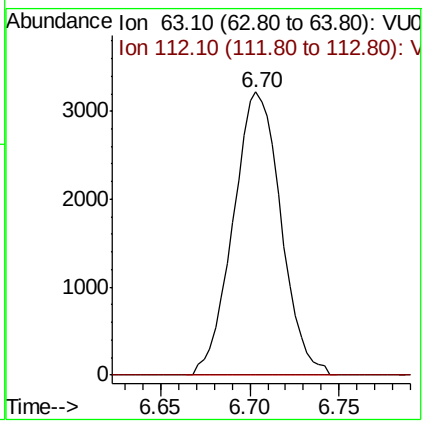


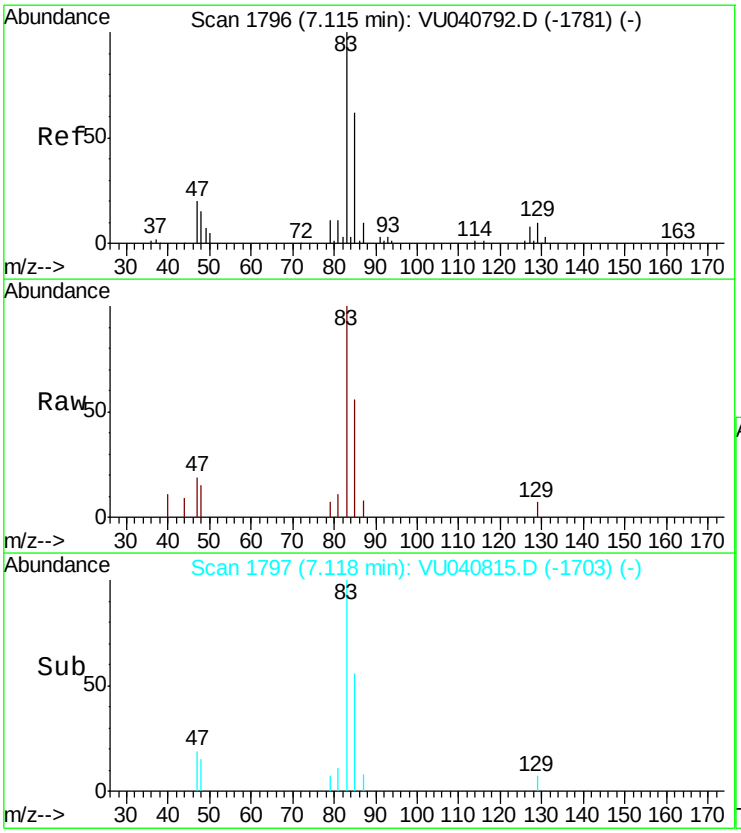
#37
1,2-Dichloropropane
Concen: 0.569 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Instrument : MSVOA_U
ClientSampleId : C0AH5

Tgt Ion: 63 Resp: 6022

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

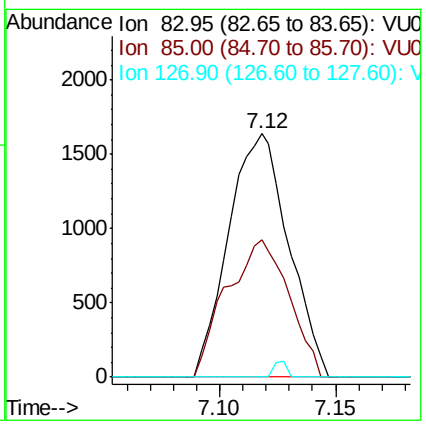


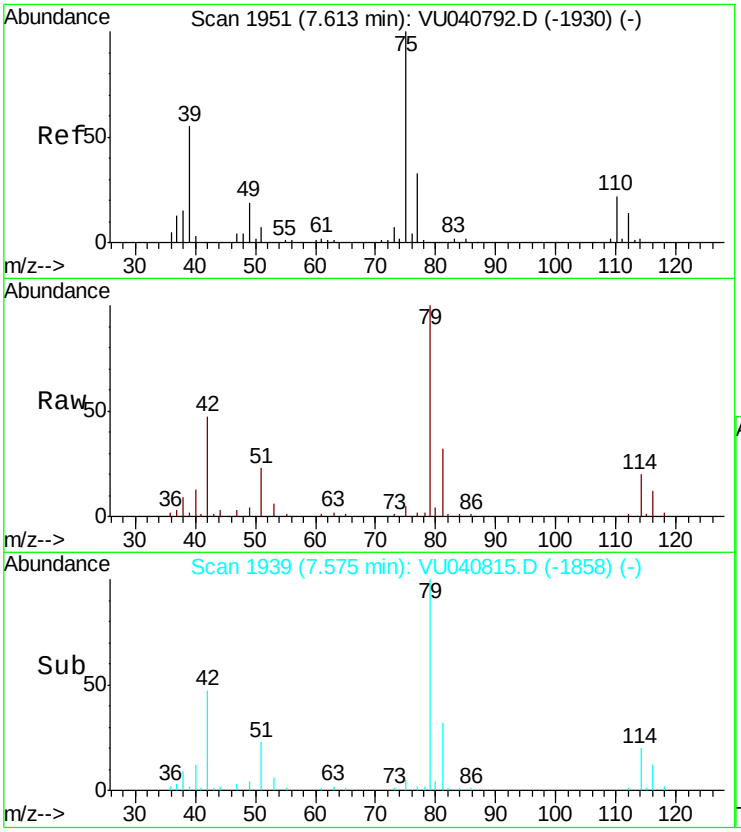


#38
Bromodichloromethane
Concen: 0.218 ug/L
RT: 7.12 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Tgt Ion: 83 Resp: 2948

Ion	Ratio	Lower	Upper
83	100		
85	56.3	46.0	85.4
127	0.0	6.7	10.1#



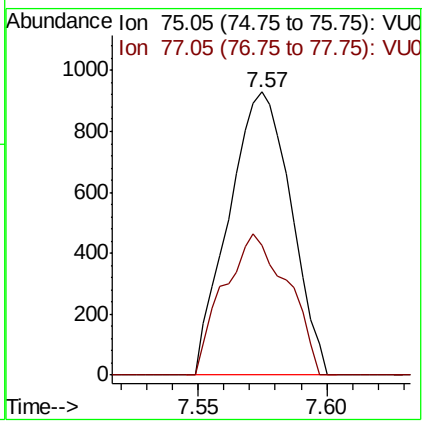


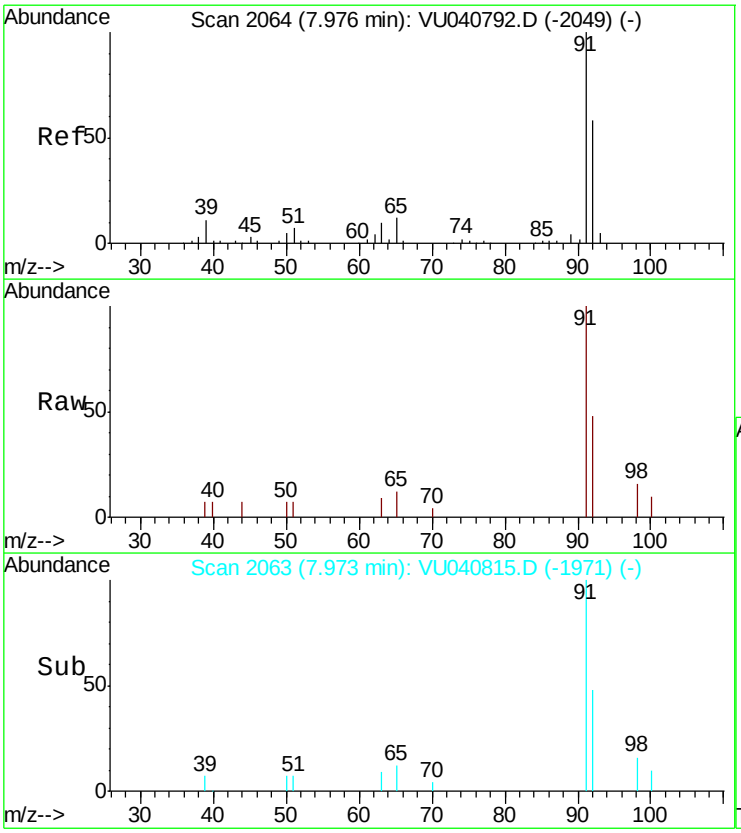
#39
cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
C0AH5

Tgt Ion: 75 Resp: 1563

Ion	Ratio	Lower	Upper
75	100		
77	45.6	20.5	38.1#

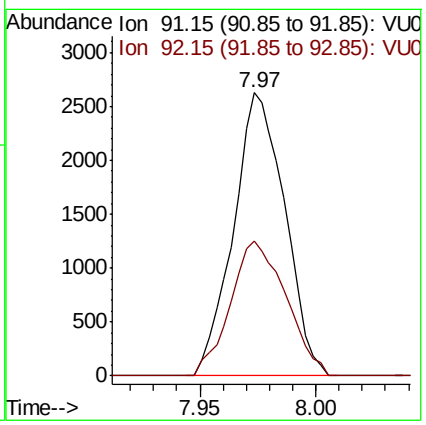


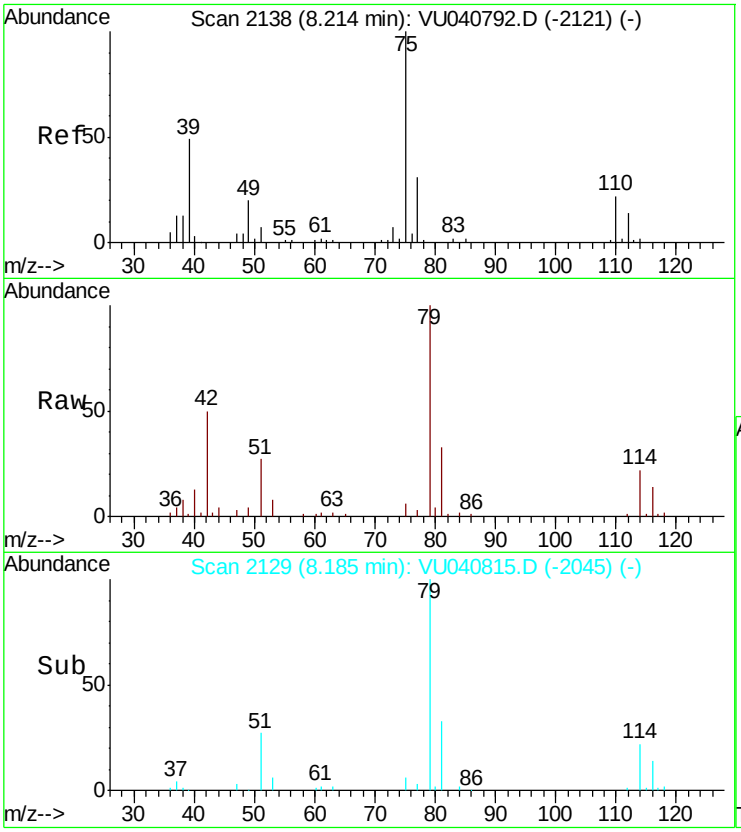


#42
Toluene
Concen: 0.104 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Tgt Ion: 91 Resp: 4037

Ion	Ratio	Lower	Upper
91	100		
92	47.8	40.2	74.6



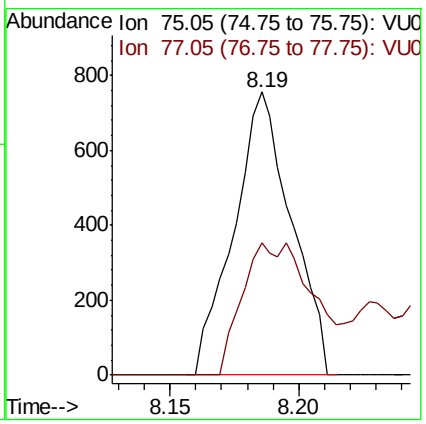


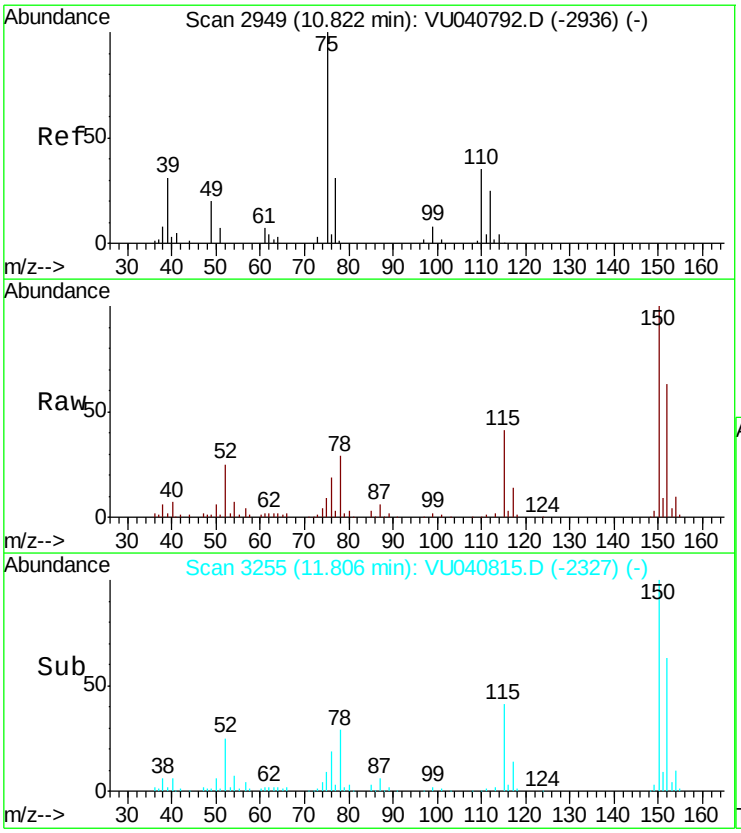
#44
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
C0AH5

Tgt Ion: 75 Resp: 1174

Ion	Ratio	Lower	Upper
75	100		
77	46.7	20.4	38.0#





#59
1,2,3-Trichloropropane
Concen: 0.863 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040815.D
Acq: 19 Oct 2020 19:32

Tgt Ion: 75 Resp: 6715

Ion	Ratio	Lower	Upper
75	100		
77	39.0	26.4	39.6