Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101620\
Data File : VU040755.D
Acq On : 16 Oct 2020 18:15
Operator : SY/MD
Sample : L4419-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AK1

Quant Time: Oct 16 23:43:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109465	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45369	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	37272	4.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.20%			
7) Chloroethane-d5	1.92	69	35970	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.80%			
11) 1,1-Dichloroethene-d2	2.58	63	60652	3.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.40%			
20) 2-Butanone-d5	4.66	46	157647	54.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.62%			
24) Chloroform-d	5.08	84	88597	5.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.40%			
26) 1,2-Dichloroethane-d4	5.72	65	52467	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.20%			
32) Benzene-d6	5.74	84	153338	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.70	67	52891	5.30	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.00%			
41) Toluene-d8	7.91	98	115539	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.80%			
43) trans-1,3-Dichloropropene-	8.19	79	18069	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.64	63	106227	48.76	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.52%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46675	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	48523	5.77	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	2710	0.292	ug/L #	78
5) Vinyl chloride	1.61	62	2920	0.299	ug/L #	1
8) Chloroethane	2.05	64	7535	1.212	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	524	0.058	ug/L #	1
12) 1,1-Dichloroethene	2.58	96	714	0.091	ug/L #	1
14) Carbon disulfide	2.81	76	2082	0.095	ug/L #	90
17) Methyl tert-butyl Ether	3.39	73	24845	1.125	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	614	0.075	ug/L	97
19) 1,1-Dichloroethane	3.89	63	769	0.045	ug/L #	89
22) cis-1,2-Dichloroethene	4.68	96	9450	1.072	ug/L	96
34) Trichloroethene	6.55	95	2324	0.250	ug/L	95
35) Methylcyclohexane	6.70	83	12603	0.958	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6000	0.601	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1123	0.082	ug/L #	51
44) trans-1,3-Dichloropropene	8.19	75	975	0.078	ug/L	87
48) 2-Hexanone	8.64	43	14649	2.474	ug/L #	78
59) 1,2,3-Trichloropropane	11.81	75	6352	0.867	ug/L	92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101620\
Data File : VU040755.D
Acq On : 16 Oct 2020 18:15
Operator : SY/MD
Sample : L4419-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AK1

Quant Time: Oct 16 23:43:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 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\VU101620\
Data File : VU040755.D
Acq On : 16 Oct 2020 18:15
Operator : SY/MD
Sample : L4419-19
Misc : 25.0mL/MSVOA_U/WATER
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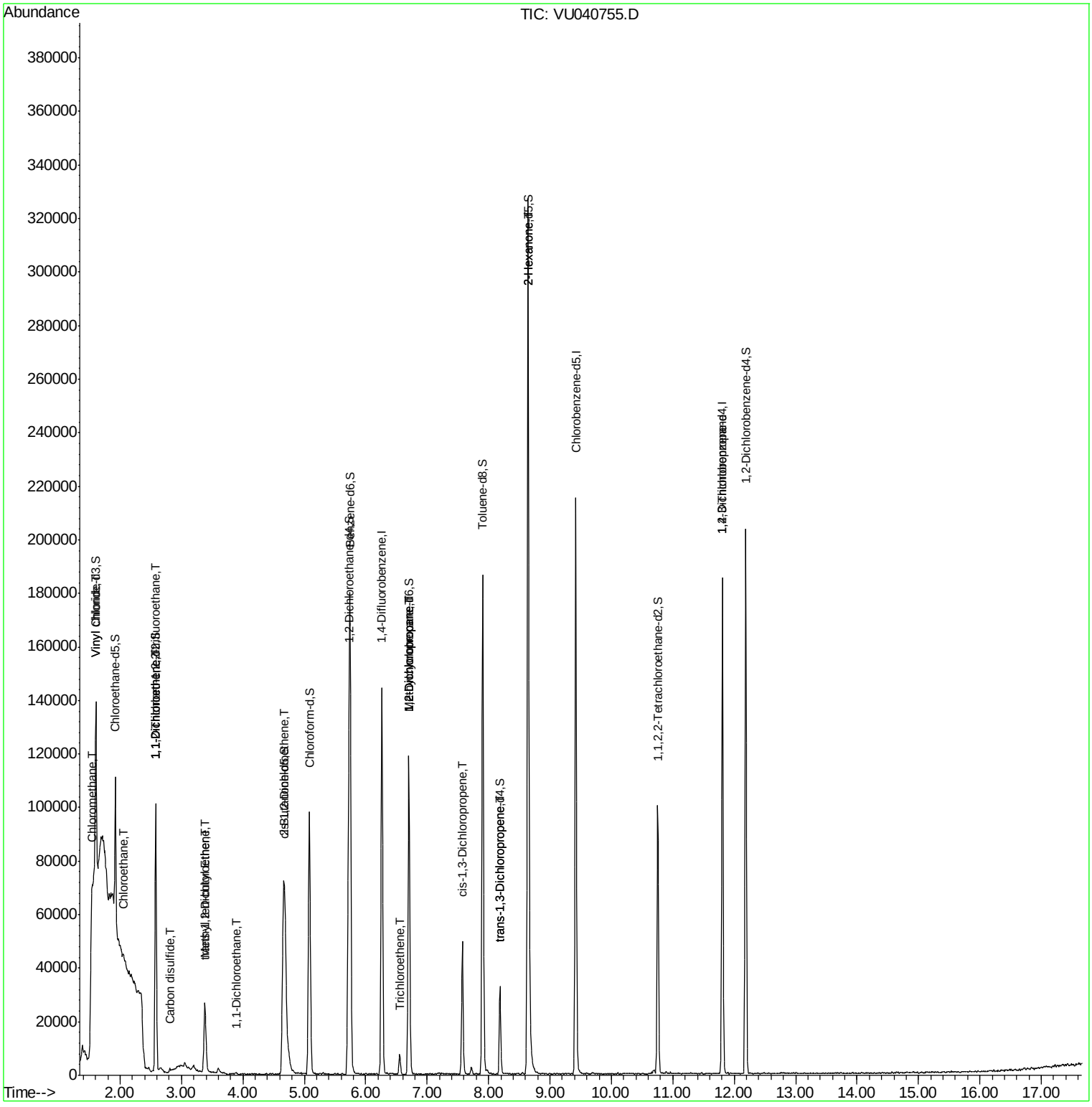
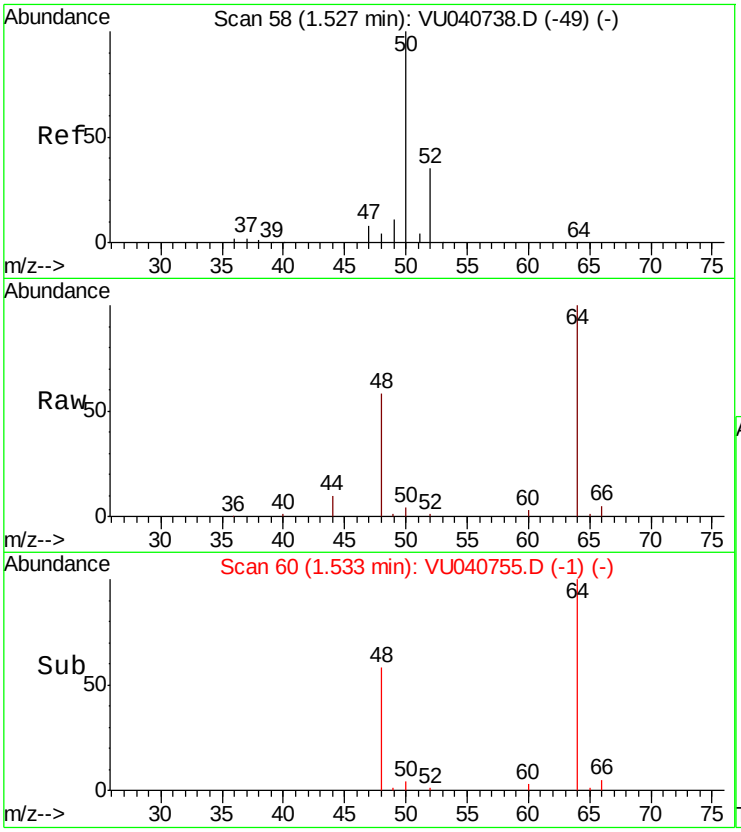
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 23:38:52 2020
Response via : Initial Calibration



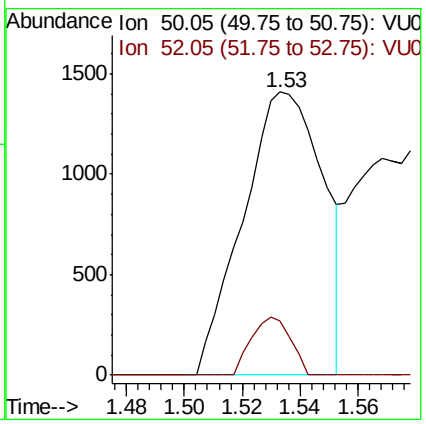


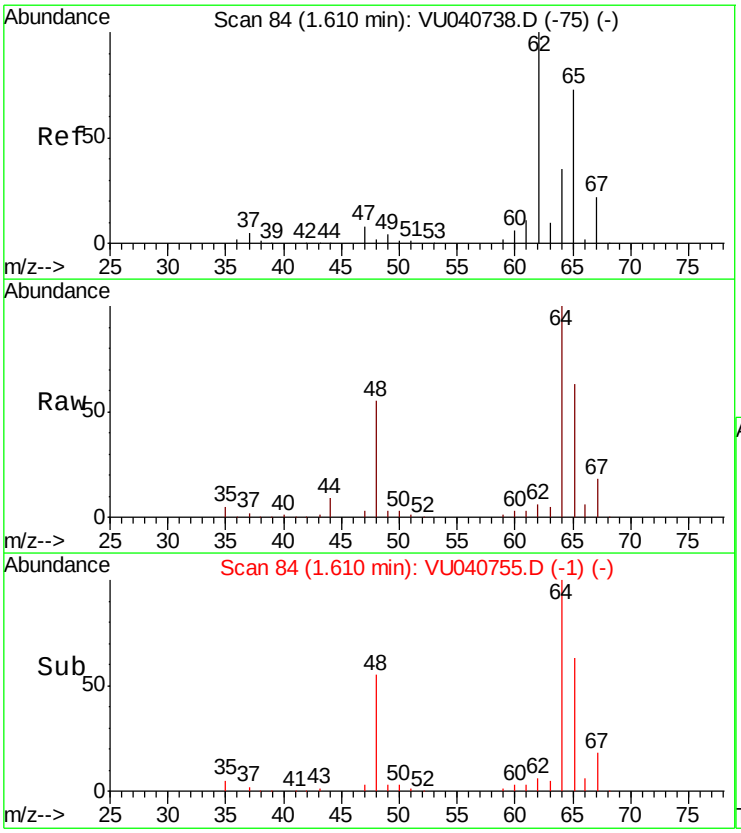
#3
Chloromethane
Concen: 0.292 ug/L
RT: 1.53 min Scan# 60
Delta R.T. 0.01 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Tgt Ion: 50 Resp: 2710

Ion	Ratio	Lower	Upper
50	100		
52	19.2	21.9	40.7#

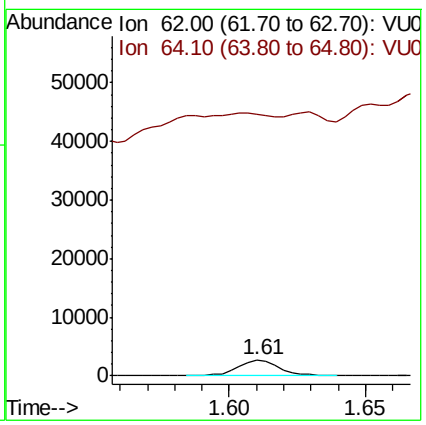


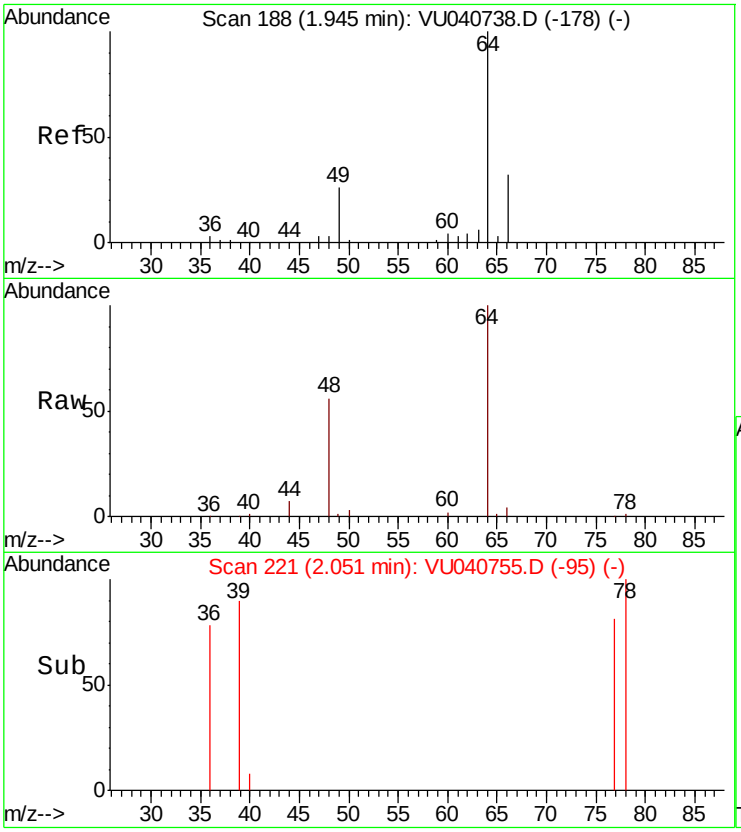


#5
Vinyl chloride
Concen: 0.299 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Tgt Ion: 62 Resp: 2920

Ion	Ratio	Lower	Upper
62	100		
64	1625.3	23.7	44.1#



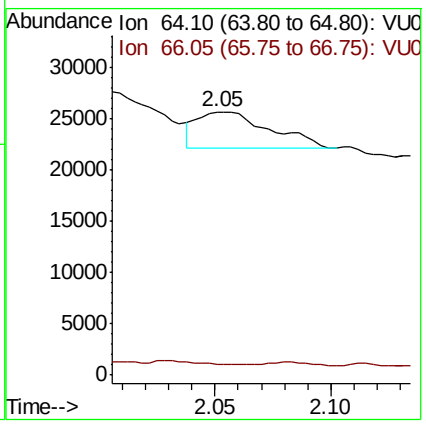


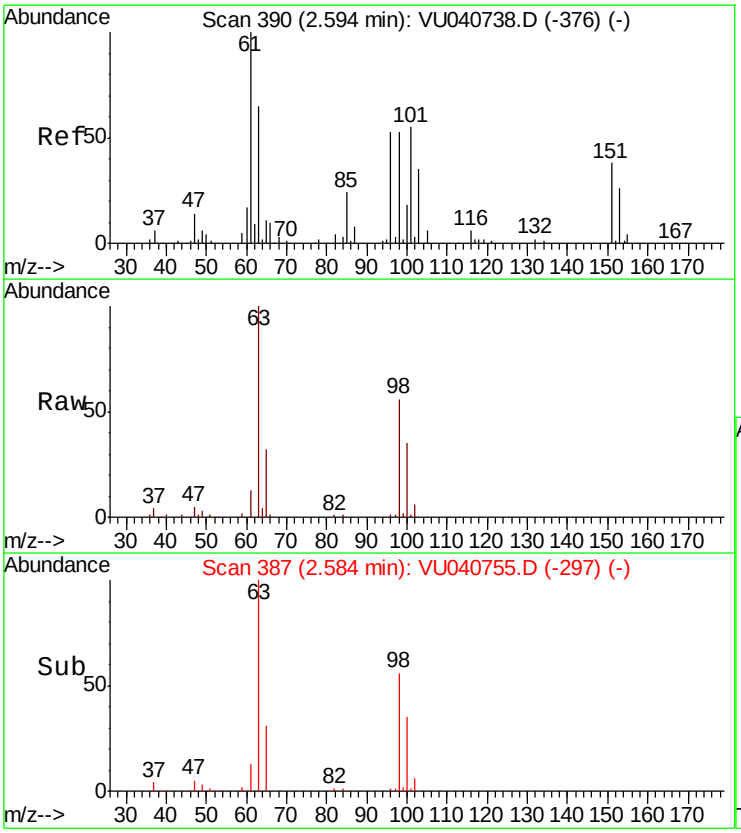
#8
Chloroethane
Concen: 1.212 ug/L
RT: 2.05 min Scan# 221
Delta R.T. 0.11 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Tgt Ion: 64 Resp: 7535

Ion	Ratio	Lower	Upper
64	100		
66	4.1	23.3	43.3#

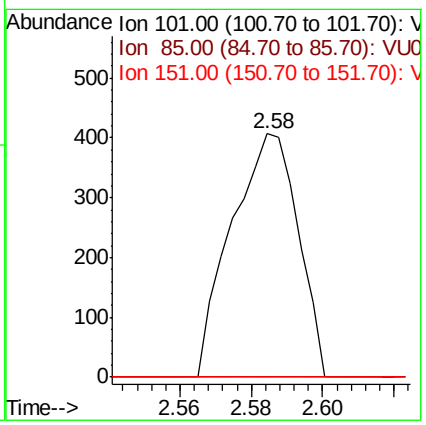


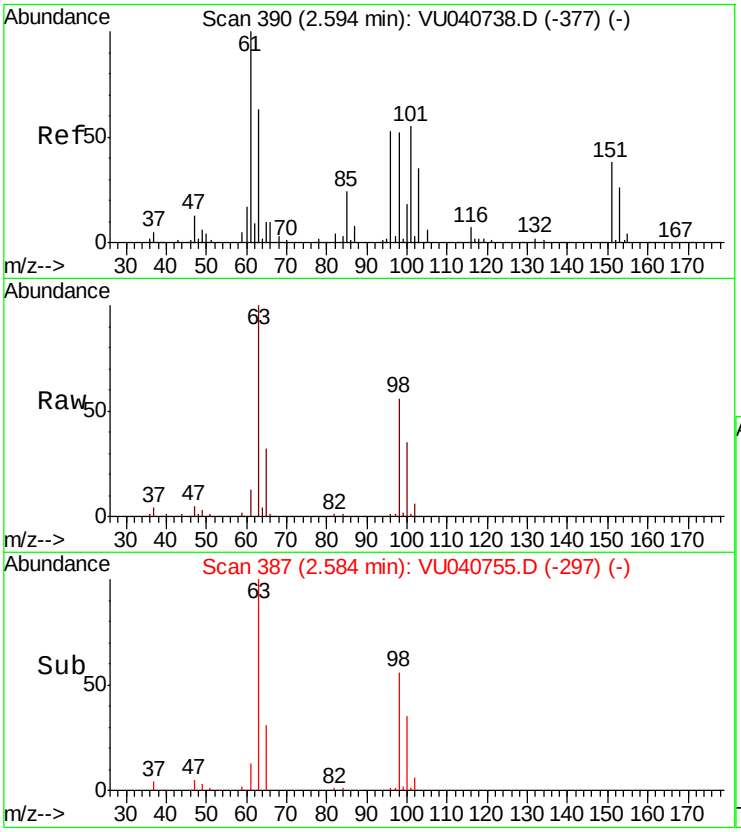


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.058 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Tgt Ion:101 Resp: 524

Ion	Ratio	Lower	Upper
101	100		
85	152.5	36.7	55.1#
151	0.0	58.0	87.0#



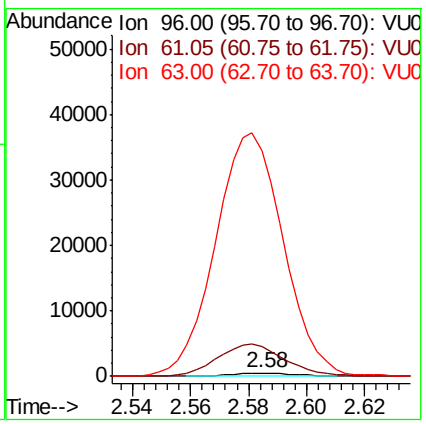


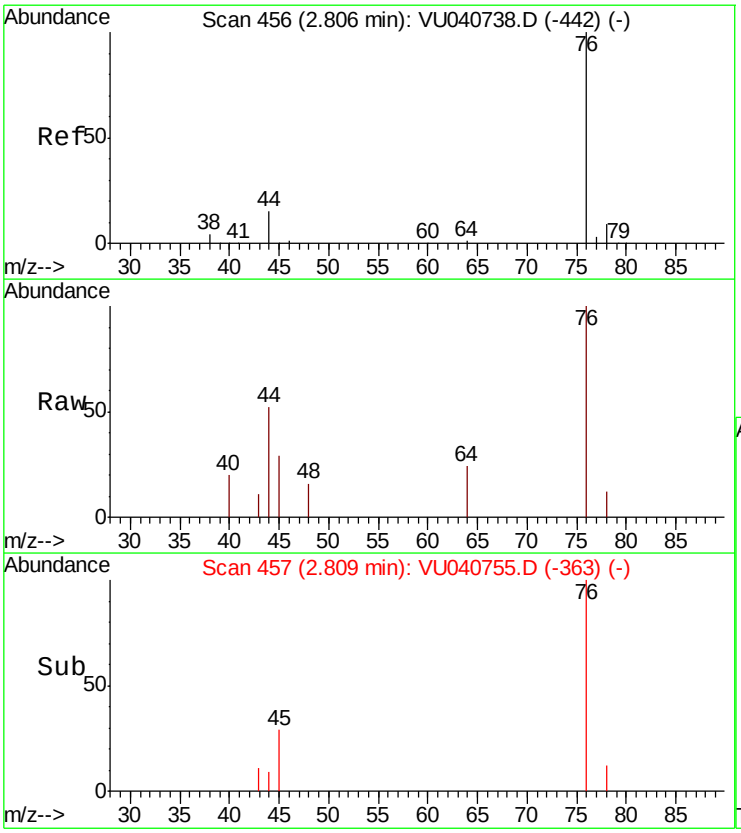
#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.58 min Scan# 387
Delta R.T. -0.01 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Instrument : MSVOA_U
ClientSampleId : C0AK1

Tgt Ion: 96 Resp: 714

Ion	Ratio	Lower	Upper
96	100		
61	962.4	128.8	239.2#
63	7294.7	84.6	157.2#

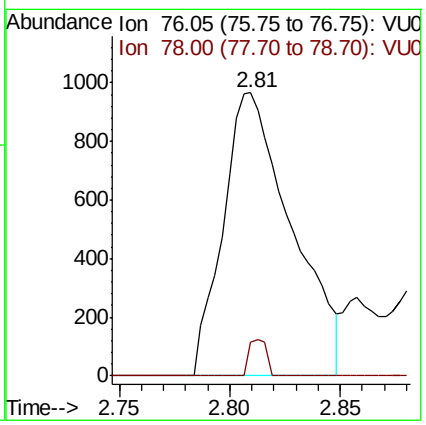


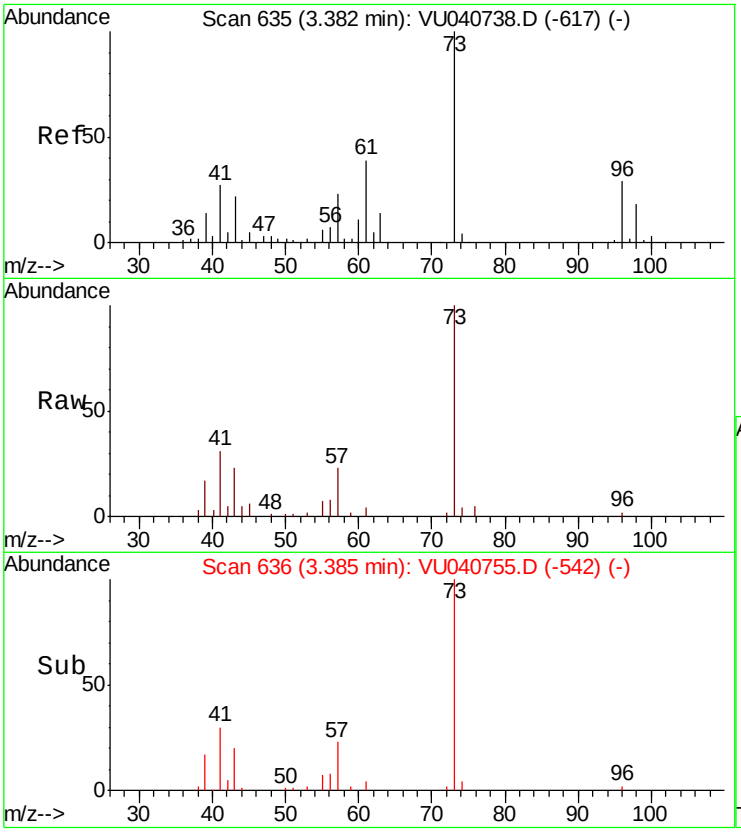


#14
Carbon disulfide
Concen: 0.095 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Tgt Ion: 76 Resp: 2082

Ion	Ratio	Lower	Upper
76	100		
78	12.1	6.8	10.2#



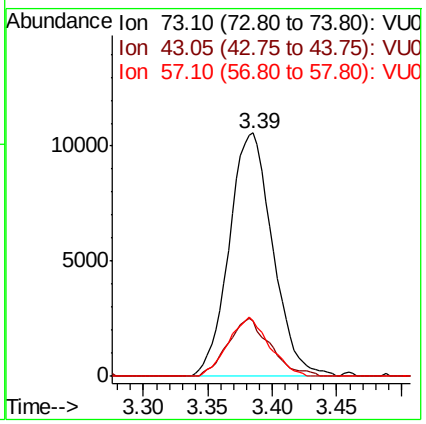


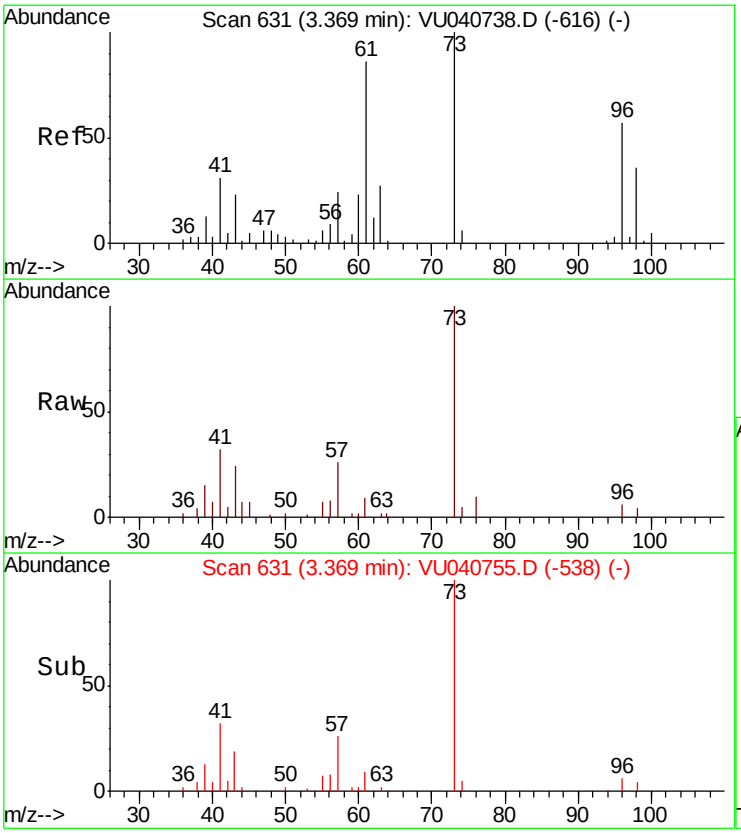
#17
Methyl tert-butyl Ether
Concen: 1.125 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Instrument : MSVOA_U
ClientSampleId : C0AK1

Tgt Ion: 73 Resp: 24845

Ion	Ratio	Lower	Upper
73	100		
43	23.1	18.2	27.4
57	22.8	18.6	28.0

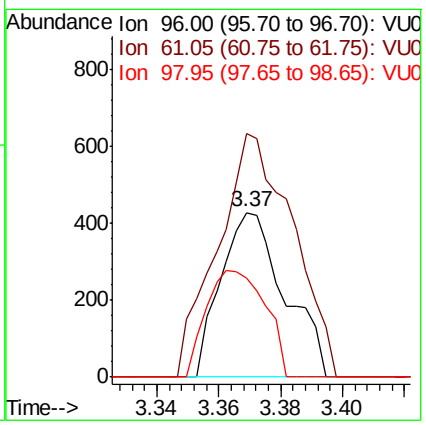


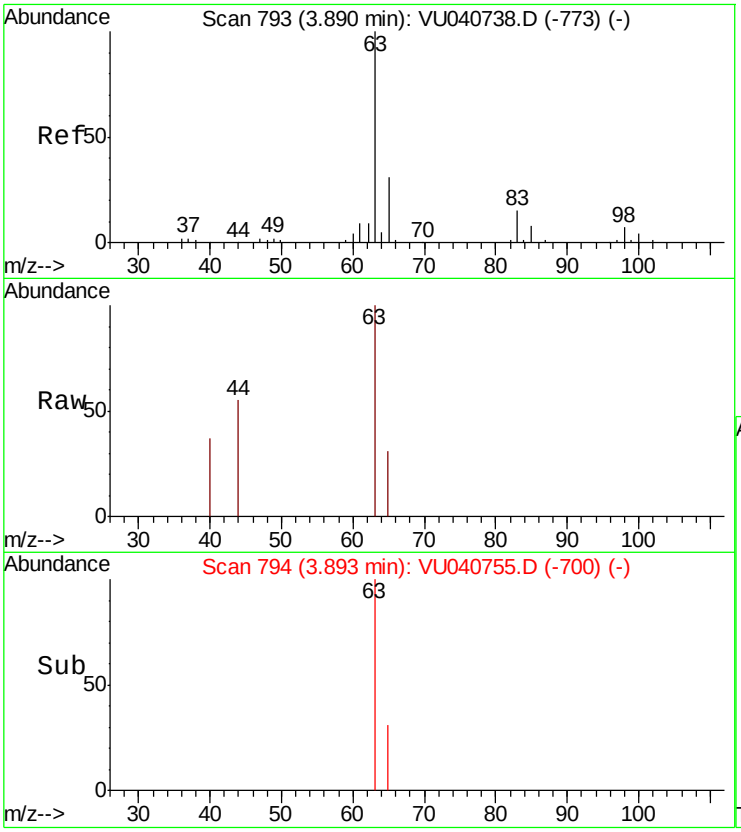


#18
trans-1,2-Dichloroethene
Concen: 0.075 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Tgt Ion: 96 Resp: 614

Ion	Ratio	Lower	Upper
96	100		
61	148.2	105.9	196.7
98	60.2	43.8	81.3



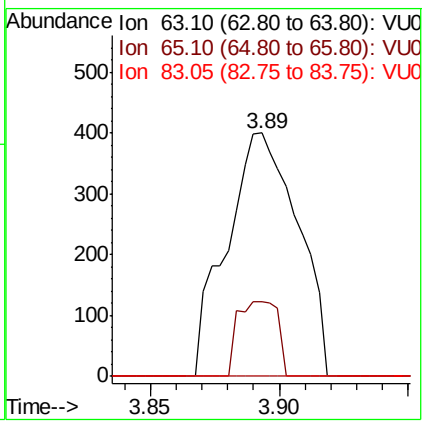


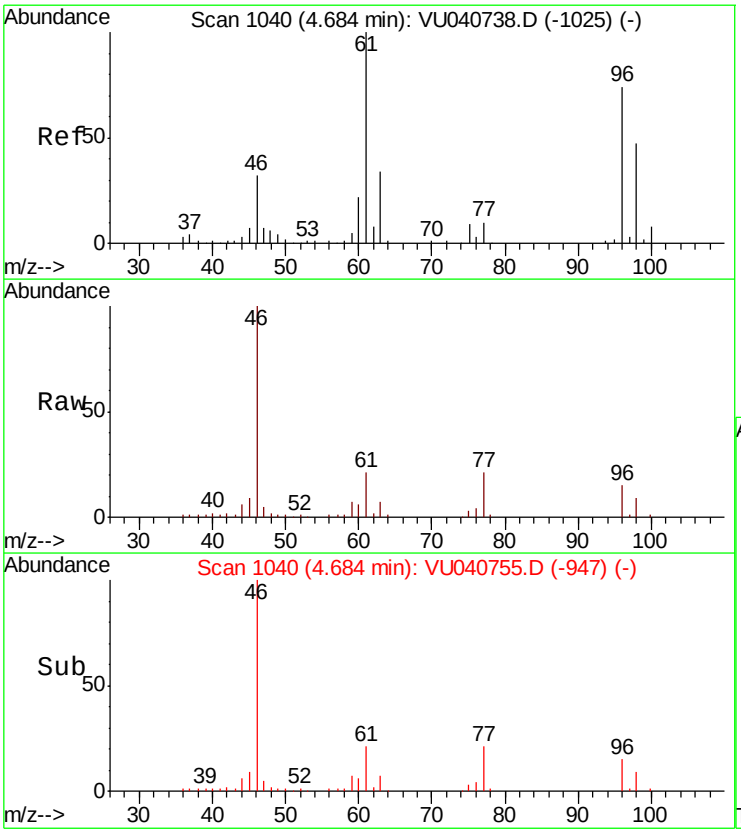
#19
1,1-Dichloroethane
Concen: 0.045 ug/L
RT: 3.89 min Scan# 794
Delta R.T. 0.00 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Instrument : MSVOA_U
ClientSampleId : C0AK1

Tgt Ion: 63 Resp: 769

Ion	Ratio	Lower	Upper
63	100		
65	30.8	21.9	40.7
83	0.0	9.6	17.8#

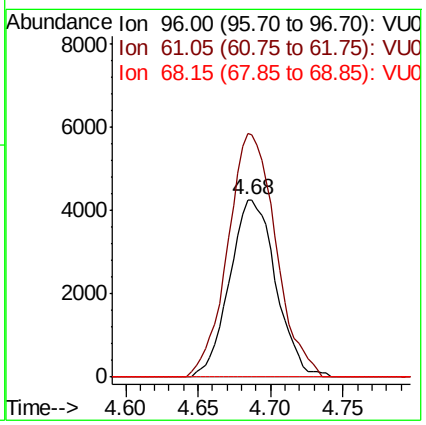


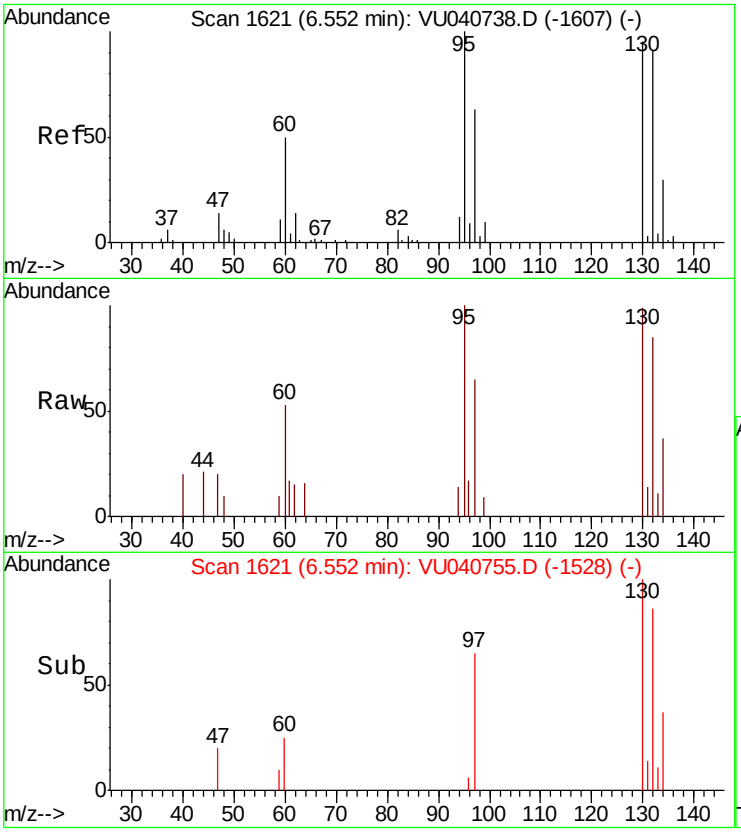


#22
cis-1,2-Dichloroethene
Concen: 1.072 ug/L
RT: 4.68 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Tgt Ion: 96 Resp: 9450

Ion	Ratio	Lower	Upper
96	100		
61	137.3	99.8	185.4
68	0.0	0.0	0.0



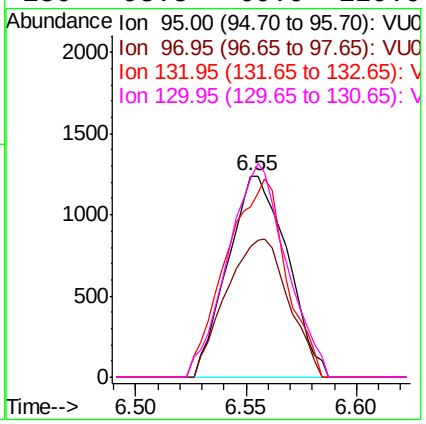


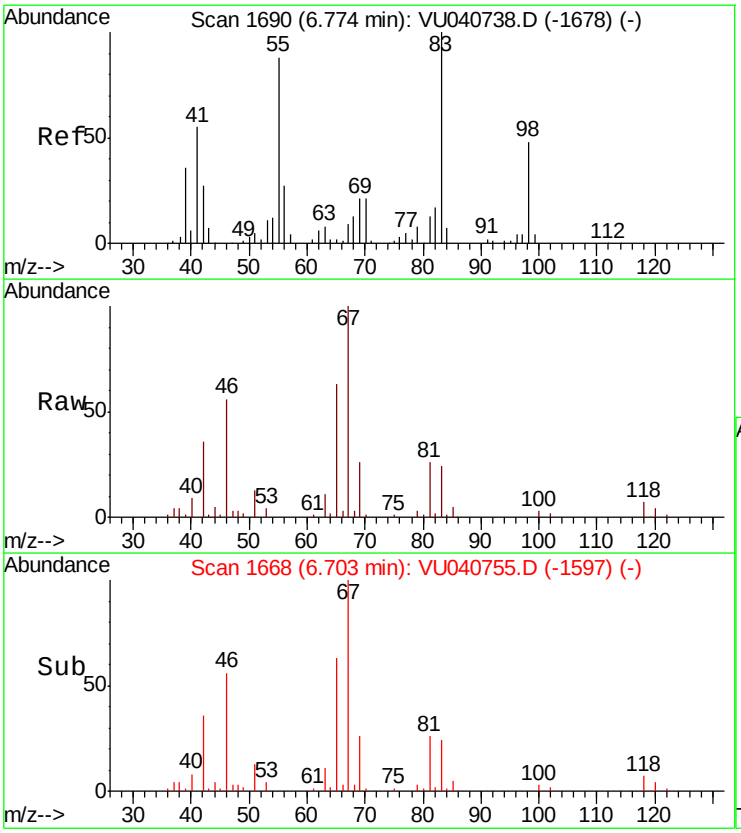
#34
Trichloroethene
Concen: 0.250 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Tgt Ion: 95 Resp: 2324

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.5	84.5
132	84.5	67.5	125.4
130	98.8	69.9	129.9

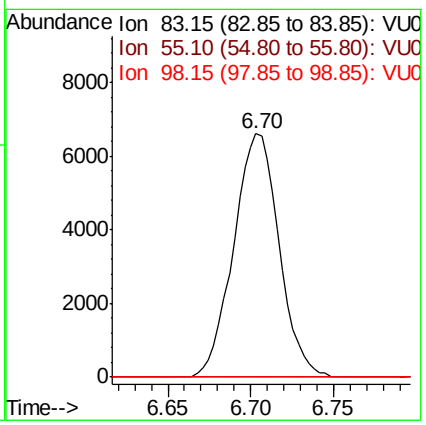


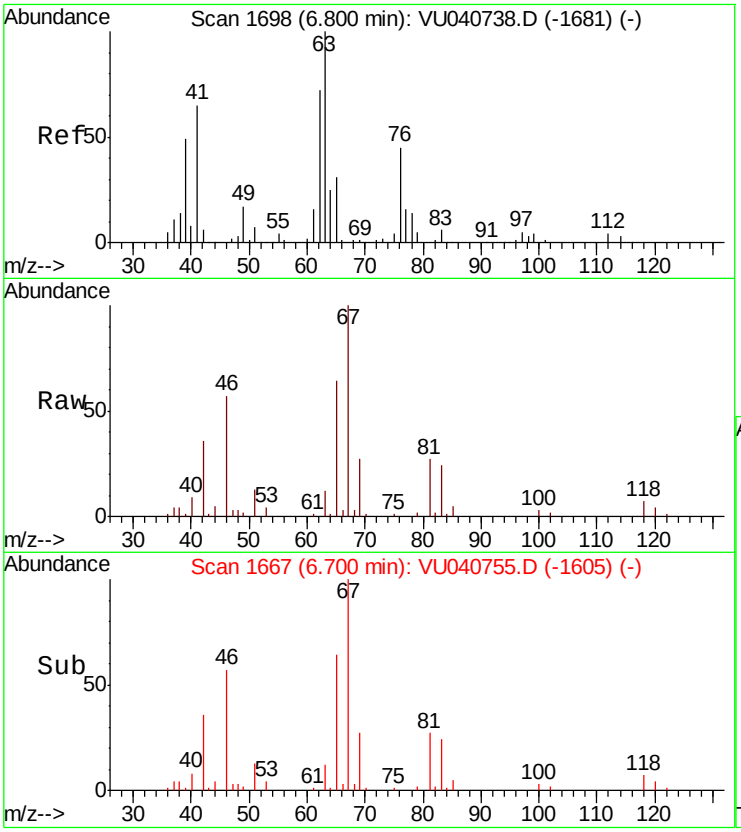


#35
Methylcyclohexane
Concen: 0.958 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Tgt Ion: 83 Resp: 12603

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.8	38.4	57.6#



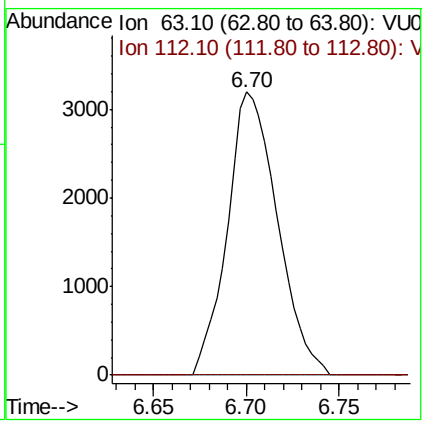


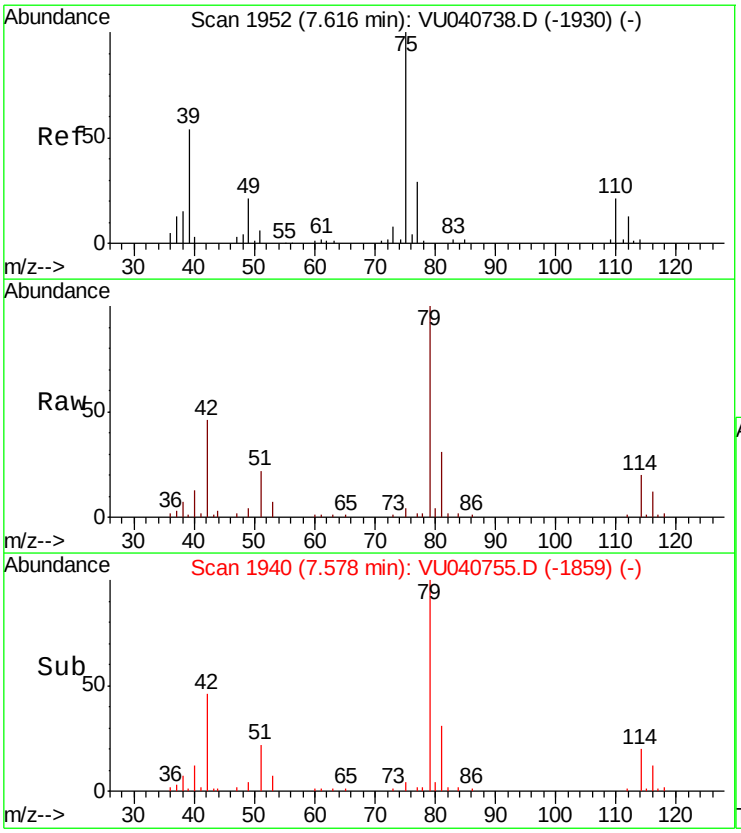
#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Tgt Ion: 63 Resp: 6000

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

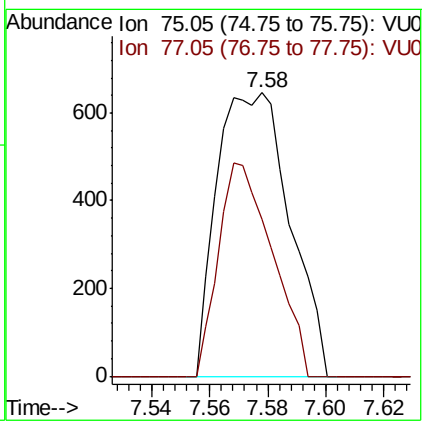


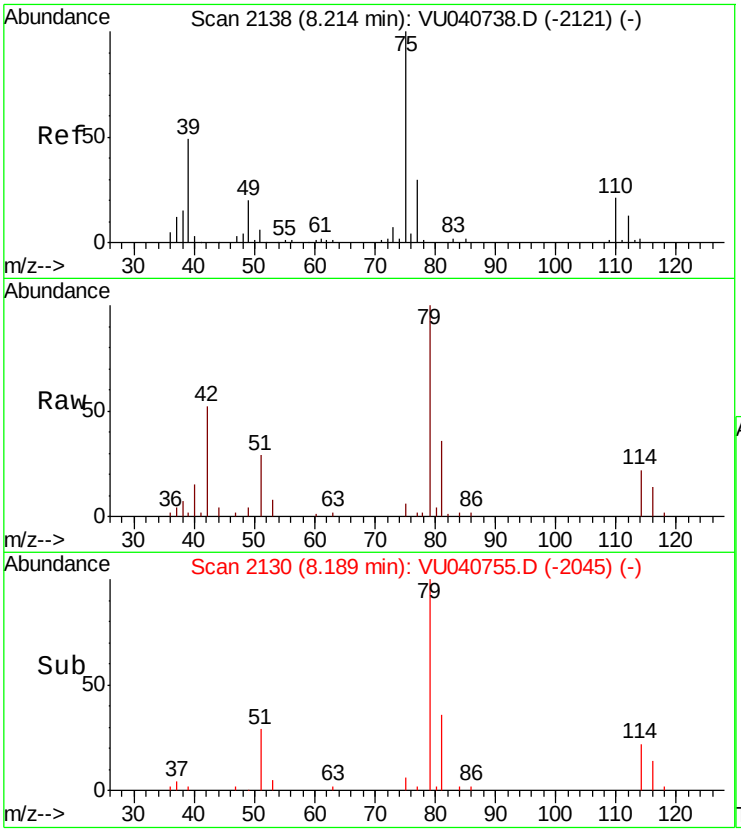


#39
cis-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.58 min Scan# 1940
Delta R.T. -0.04 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Tgt Ion: 75 Resp: 1123

Ion	Ratio	Lower	Upper
75	100		
77	55.4	20.5	38.1#



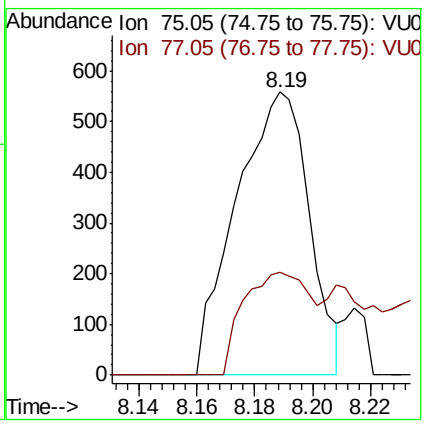


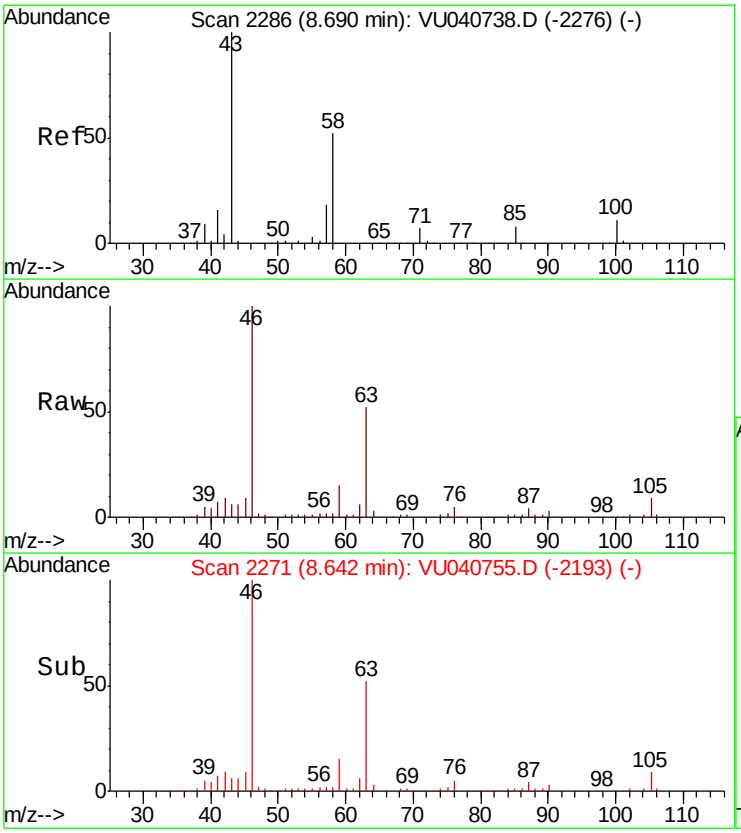
#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Tgt Ion: 75 Resp: 975

Ion	Ratio	Lower	Upper
75	100		
77	36.4	20.4	38.0

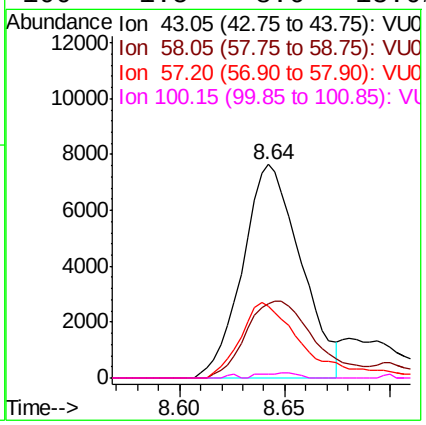


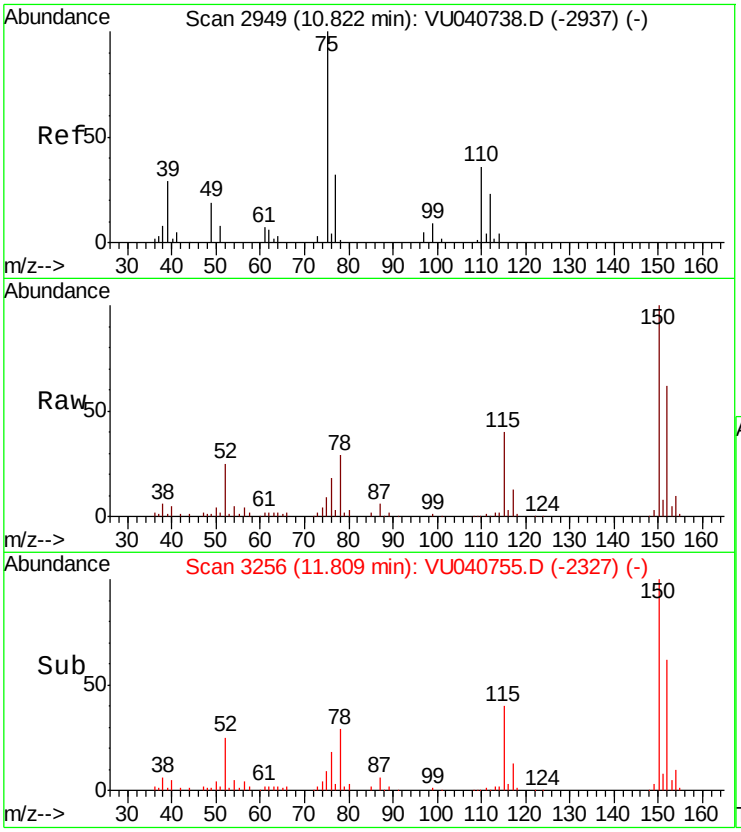


#48
2-Hexanone
Concen: 2.474 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Tgt Ion: 43 Resp: 14649

Ion	Ratio	Lower	Upper
43	100		
58	42.1	41.0	61.6
57	37.9	14.4	21.6#
100	1.5	8.6	13.0#





#59
1,2,3-Trichloropropane
Concen: 0.867 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040755.D
Acq: 16 Oct 2020 18:15

Instrument :
MSVOA_U
ClientSampleId :
C0AK1

Tgt Ion: 75 Resp: 6352

Ion	Ratio	Lower	Upper
75	100		
77	37.4	26.4	39.6