Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102519\

Quantitation Report (Not Reviewed)

Data File : VU035506.D
Acq On : 25 Oct 2019 23:18
Operator : JC/SP
Sample : K5554-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQ95

Quant Time: Oct 26 04:12:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 04:07:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	198994	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	217808	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	86488	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	123425	4.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.40%			
7) Chloroethane-d5	1.93	69	106910	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.40%			
11) 1,1-Dichloroethene-d2	2.59	63	163265	3.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.20%			
20) 2-Butanone-d5	4.71	46	280860	53.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.24%			
24) Chloroform-d	5.11	84	193323	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
26) 1,2-Dichloroethane-d4	5.75	65	109955	5.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.80%			
32) Benzene-d6	5.77	84	398235	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	6.74	67	132506	5.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.20%			
41) Toluene-d8	7.93	98	323094	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	8.22	79	46140	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.68	63	188222	50.12	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.24%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	101799	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	102740	5.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	4933	0.159	ug/L #	1
12) 1,1-Dichloroethene	2.60	96	2071	0.109	ug/L #	1
13) Acetone	2.68	43	6135	1.542	ug/L	96
14) Carbon disulfide	2.82	76	8536	0.127	ug/L	95
15) Methyl Acetate	3.00	43	1654	0.181	ug/L #	85
18) trans-1,2-Dichloroethene	3.39	96	7175	0.348	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	360161	16.388	ug/L	98
25) Chloroform	5.14	83	10434	0.242	ug/L	93
34) Trichloroethene	6.58	95	11698	0.549	ug/L	95
35) Methylcyclohexane	6.74	83	30574	0.927	ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14061	0.613	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2851	0.089	ug/L #	49
42) Toluene	8.01	91	10883	0.123	ug/L	96
48) 2-Hexanone	8.73	43	14931	1.636	ug/L #	89
59) 1,2,3-Trichloropropane	11.84	75	10924	0.744	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102519\

Quantitation Report (Not Reviewed)

Data File : VU035506.D
Acq On : 25 Oct 2019 23:18
Operator : JC/SP
Sample : K5554-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQ95

Quant Time: Oct 26 04:12:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 04:07:11 2019
Response via : Initial Calibration

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

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102519\

Quantitation Report (Not Reviewed)

Data File : VU035506.D
Acq On : 25 Oct 2019 23:18
Operator : JC/SP
Sample : K5554-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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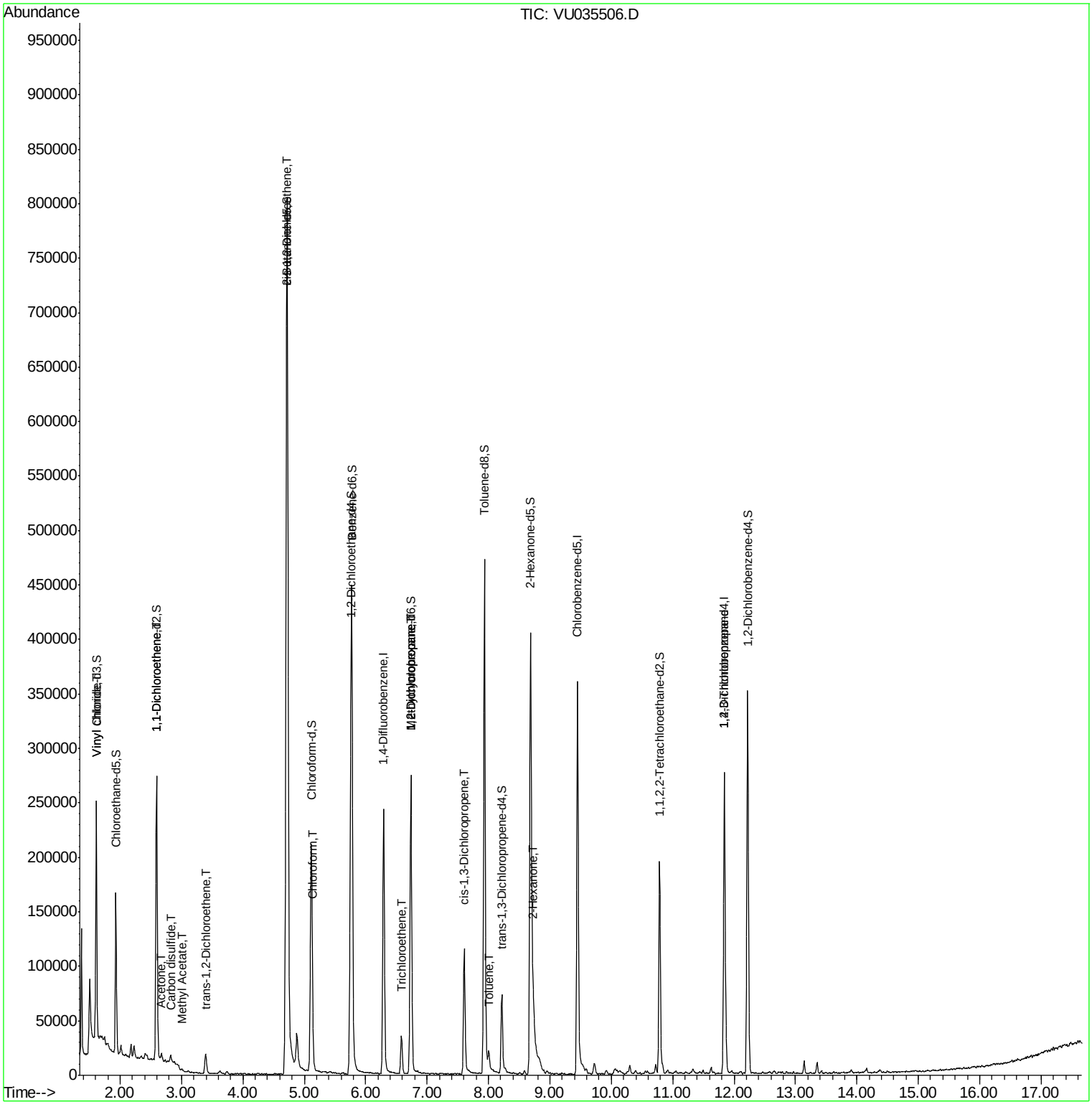
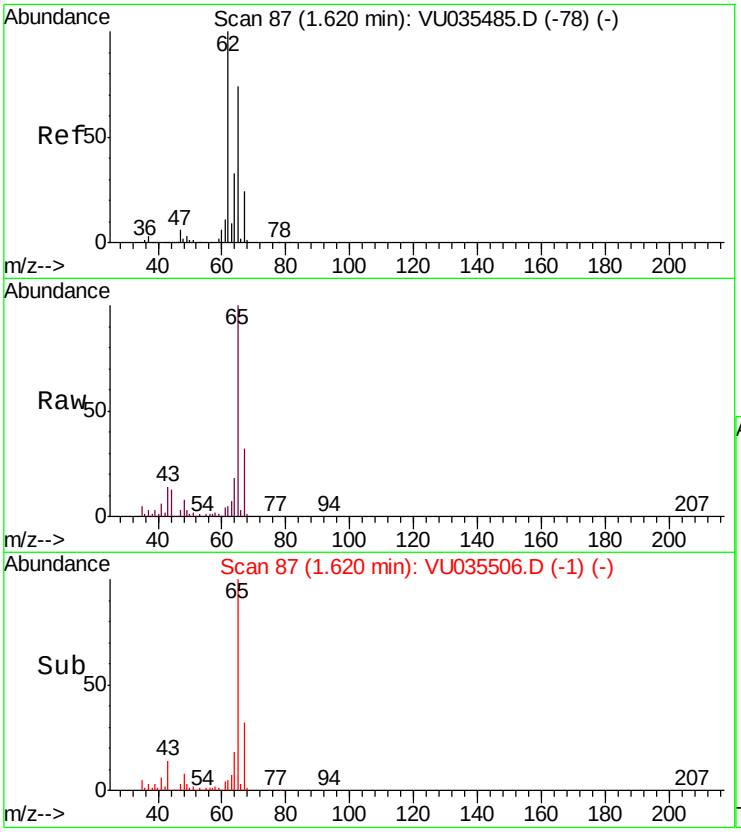
ClientSampleId :
GAQ95

Quant Time: Oct 26 04:12:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 04:07:11 2019
Response via : Initial Calibration



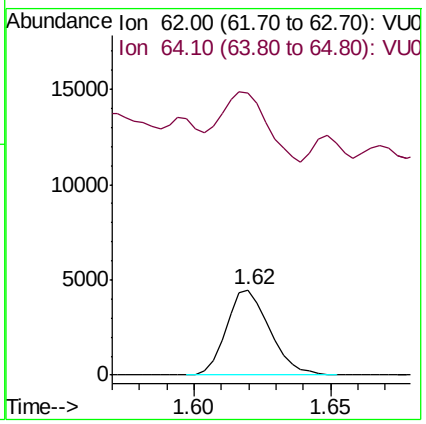


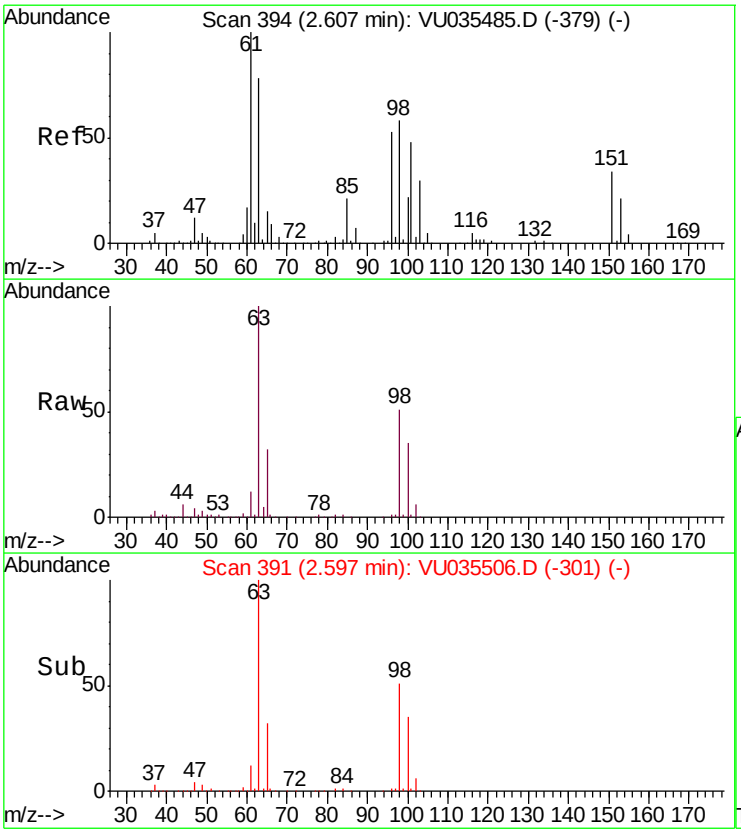
#5
Vinyl chloride
Concen: 0.159 ug/L
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Instrument : MSVOA_U
ClientSampleId : GAQ95

Tgt Ion: 62 Resp: 4933

Ion	Ratio	Lower	Upper
62	100		
64	332.2	22.5	41.9#

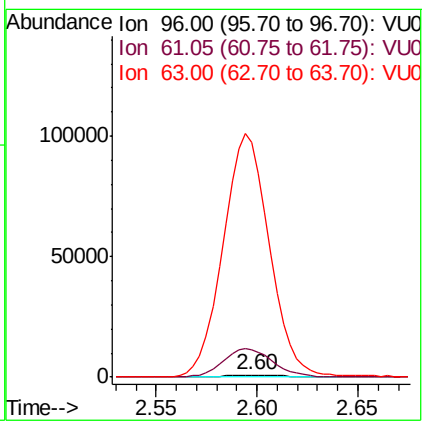


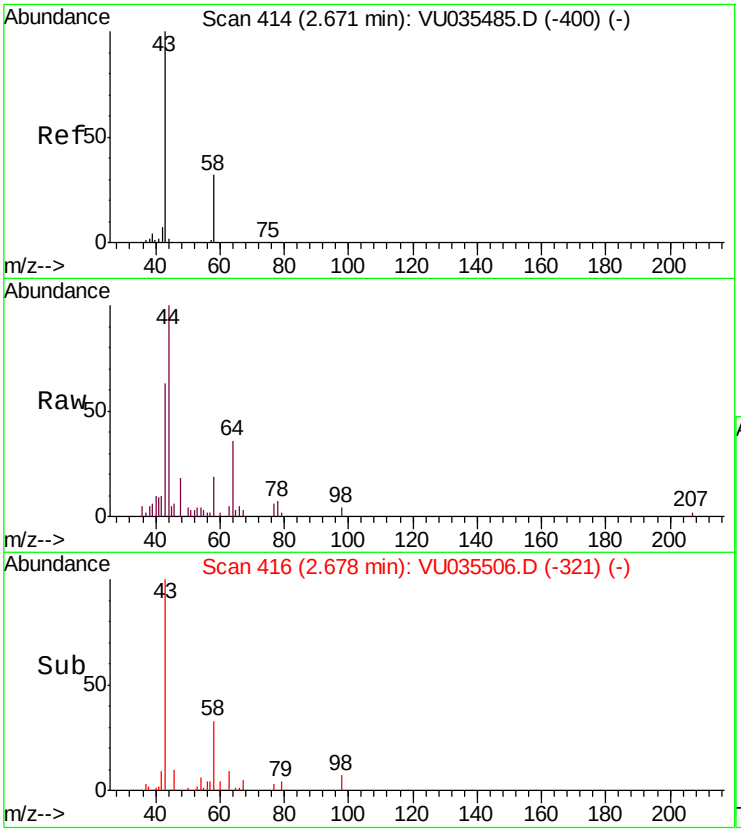


#12
1,1-Dichloroethene
Concen: 0.109 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Tgt Ion: 96 Resp: 2071

Ion	Ratio	Lower	Upper
96	100		
61	1199.8	131.9	244.9#
63	10170.7	97.0	180.2#



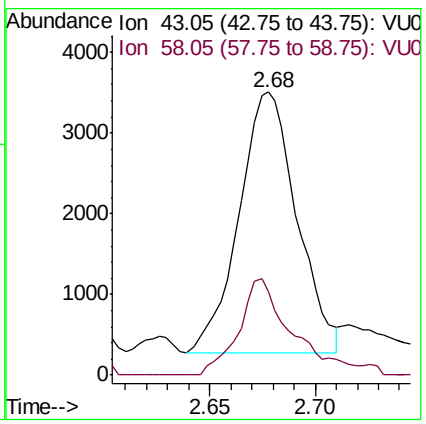


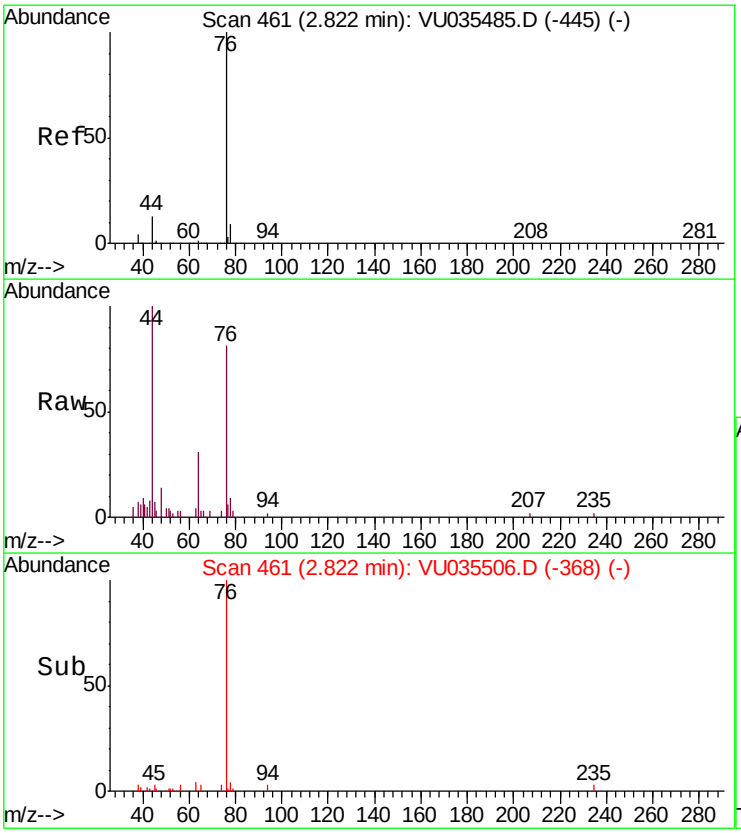
#13
Acetone
Concen: 1.542 ug/L
RT: 2.68 min Scan# 416
Delta R.T. 0.01 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
GAQ95

Tgt Ion: 43 Resp: 6135

Ion	Ratio	Lower	Upper
43	100		
58	34.0	0.0	63.2

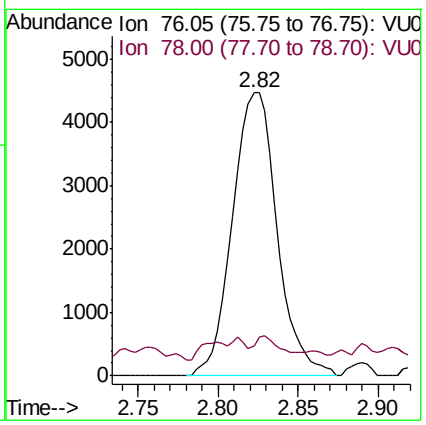


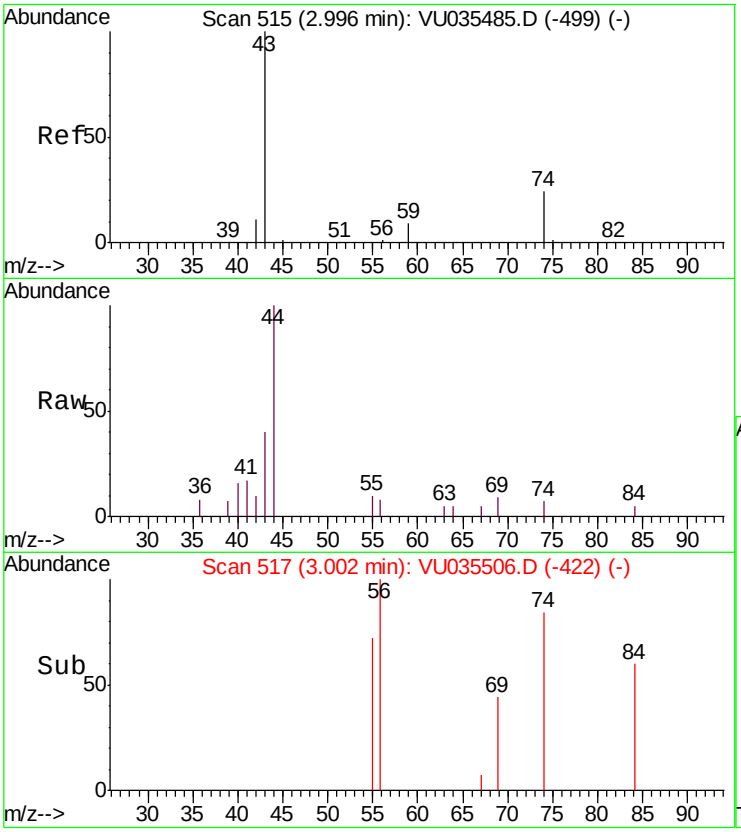


#14
Carbon disulfide
Concen: 0.127 ug/L
RT: 2.82 min Scan# 461
Delta R.T. -0.00 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Tgt Ion: 76 Resp: 8536

Ion	Ratio	Lower	Upper
76	100		
78	10.8	7.3	10.9



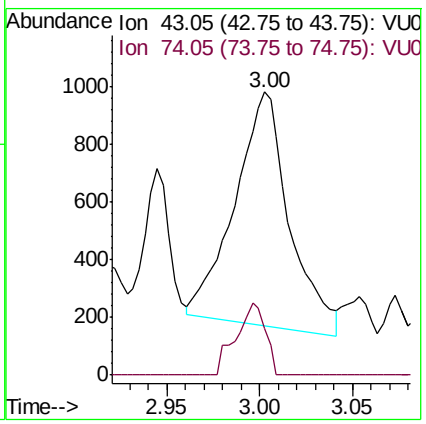


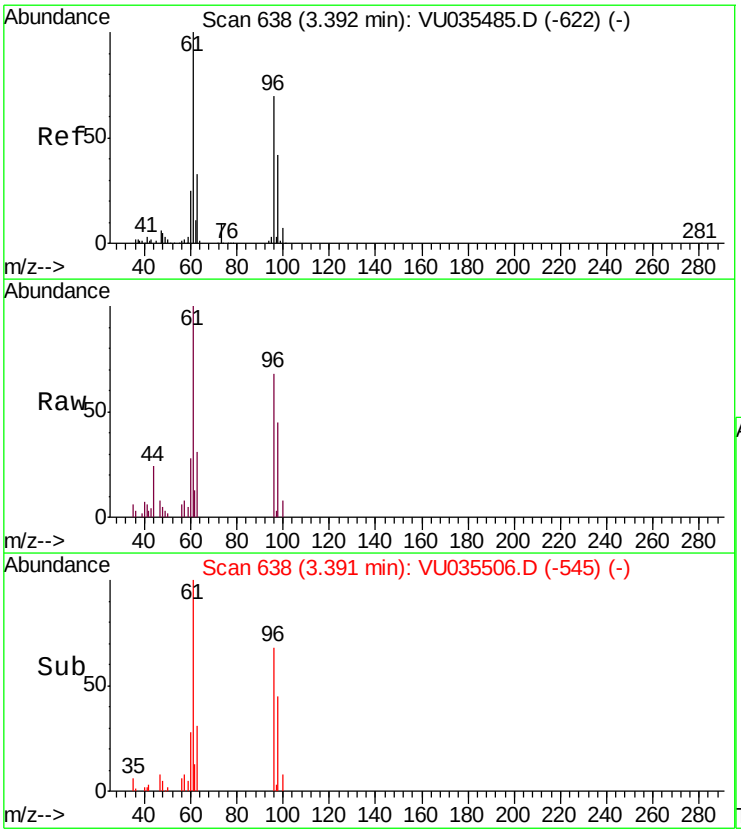
#15
Methyl Acetate
Concen: 0.181 ug/L
RT: 3.00 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Instrument : MSVOA_U
ClientSampleId : GAQ95

Tgt Ion: 43 Resp: 1654

Ion	Ratio	Lower	Upper
43	100		
74	16.7	19.4	29.2#

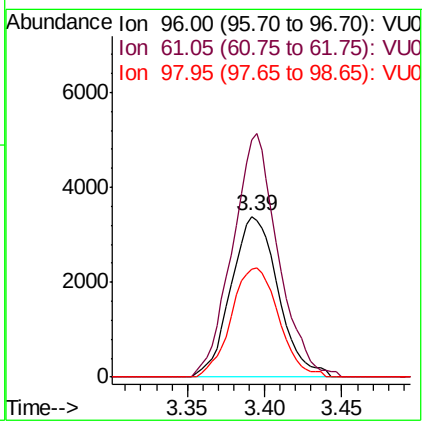


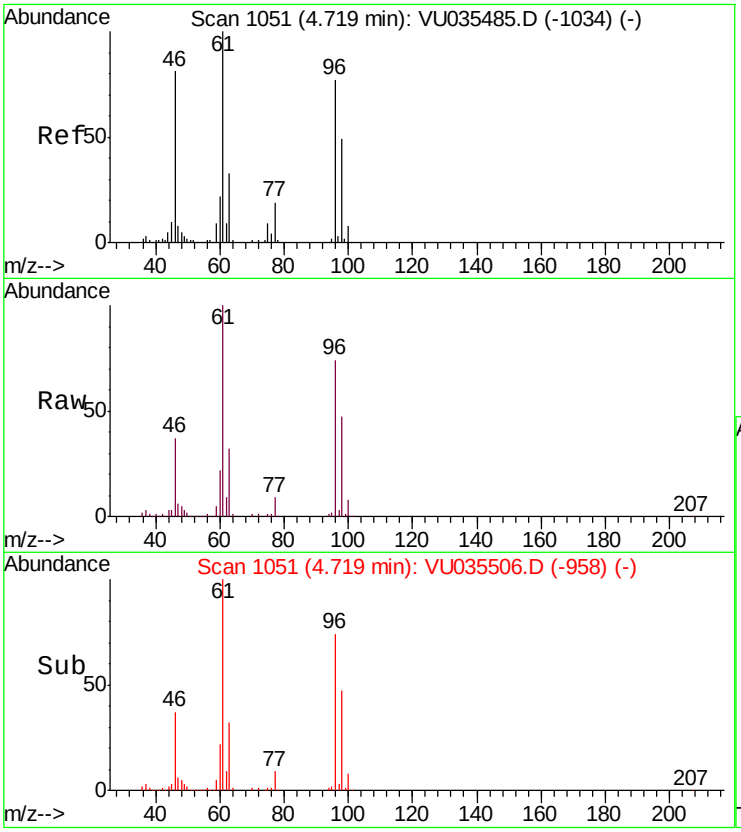


#18
trans-1,2-Dichloroethene
Concen: 0.348 ug/L
RT: 3.39 min Scan# 638
Delta R.T. -0.00 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Tgt Ion: 96 Resp: 7175

Ion	Ratio	Lower	Upper
96	100		
61	147.9	99.0	184.0
98	66.9	43.8	81.4



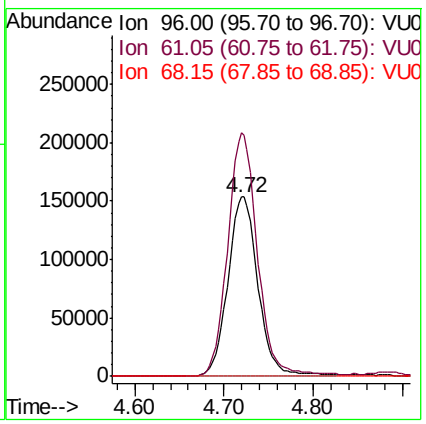


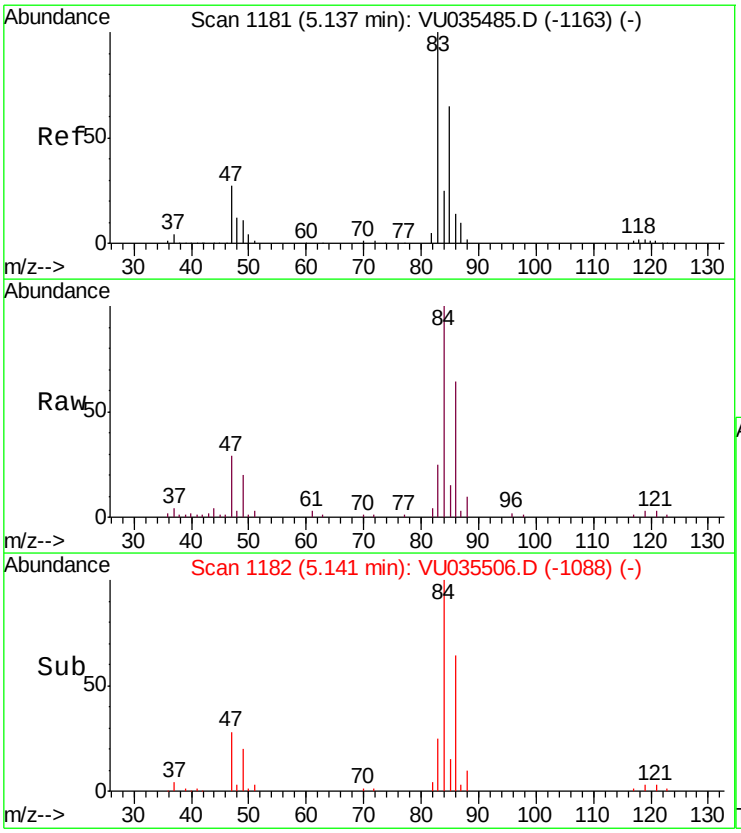
#22
cis-1,2-Dichloroethene
Concen: 16.388 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
GAQ95

Tgt Ion: 96 Resp: 360161

Ion	Ratio	Lower	Upper
96	100		
61	135.6	93.6	173.8
68	0.0	0.0	0.0

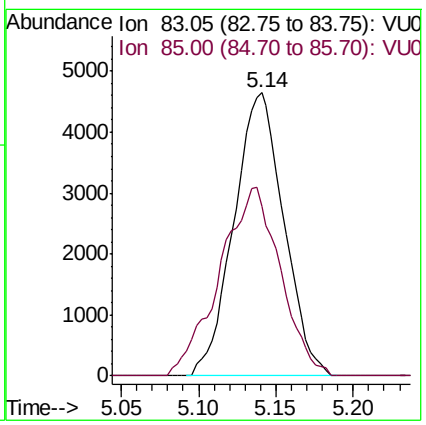


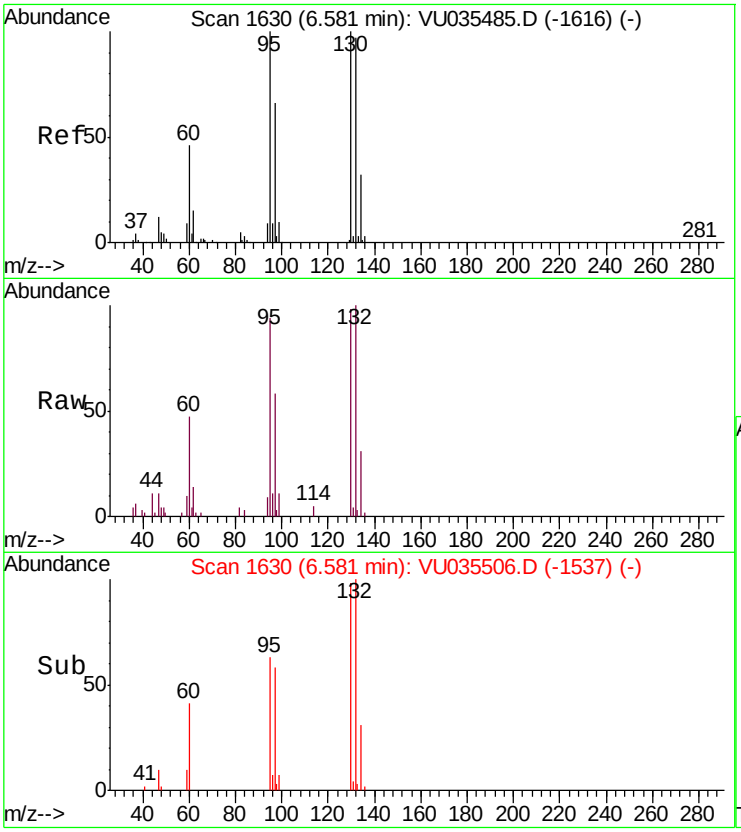


#25
Chloroform
Concen: 0.242 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Tgt Ion: 83 Resp: 10434

Ion	Ratio	Lower	Upper
83	100		
85	59.9	45.7	84.9



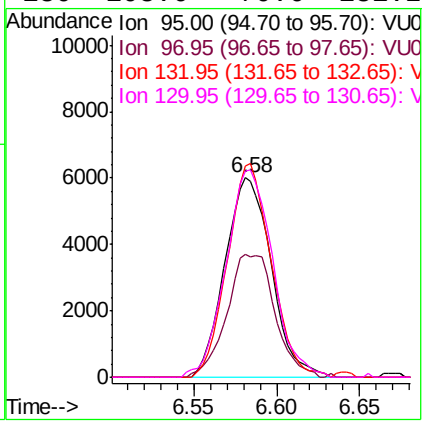


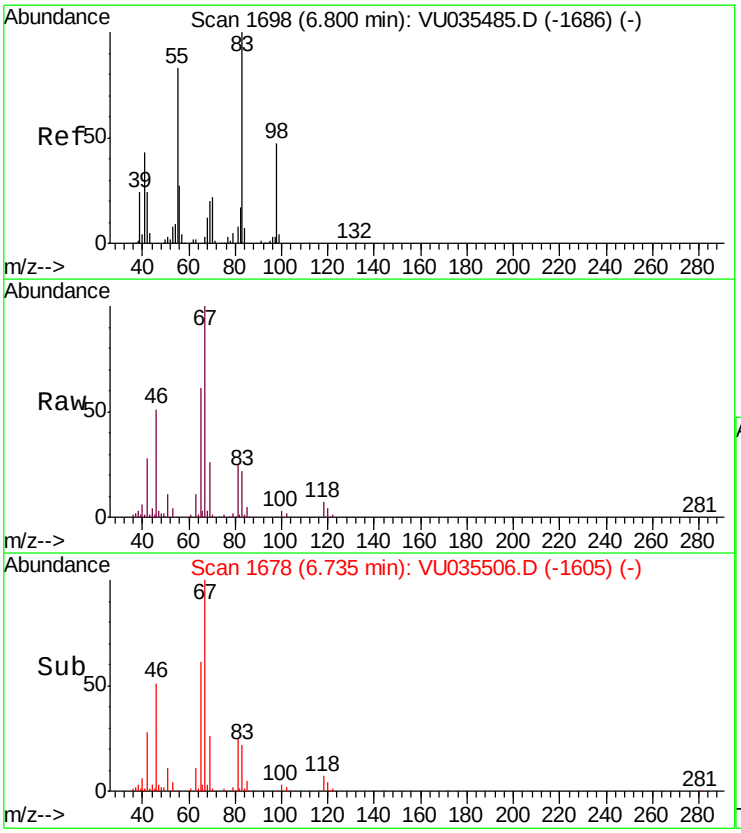
#34
Trichloroethene
Concen: 0.549 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
GAQ95

Tgt Ion: 95 Resp: 11698

Ion	Ratio	Lower	Upper
95	100		
97	61.5	43.8	81.4
132	106.1	67.3	124.9
130	103.6	70.6	131.2

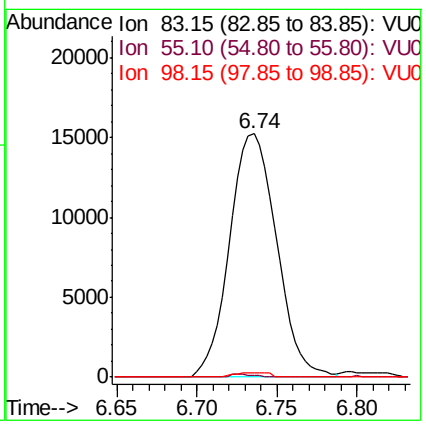


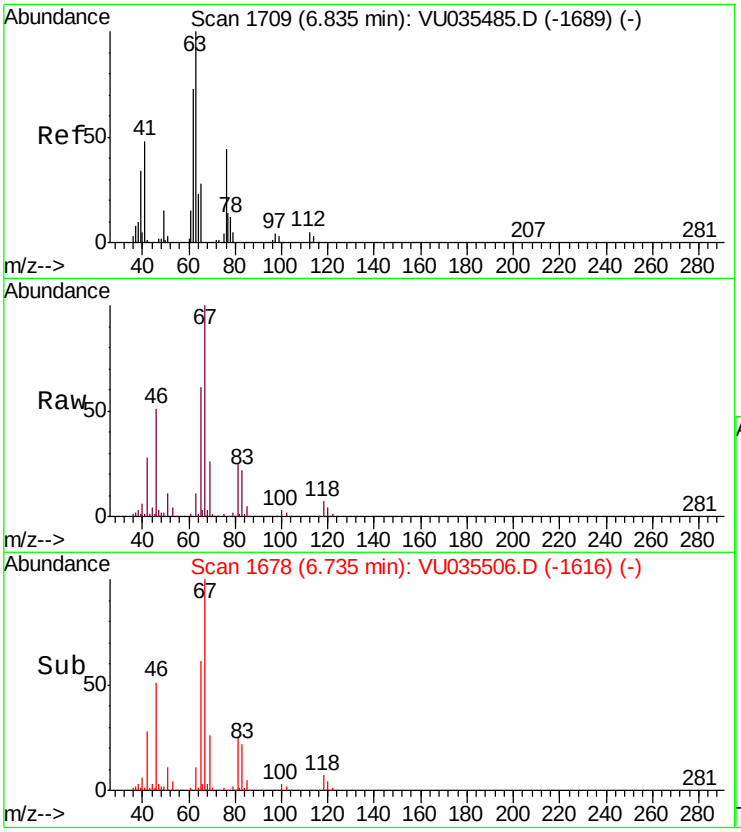


#35
Methylcyclohexane
Concen: 0.927 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Tgt Ion: 83 Resp: 30574

Ion	Ratio	Lower	Upper
83	100		
55	0.6	67.3	100.9#
98	1.3	39.0	58.6#



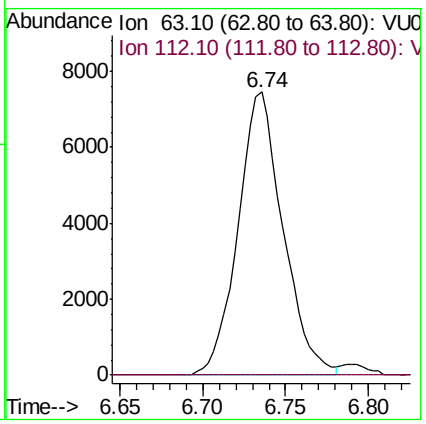


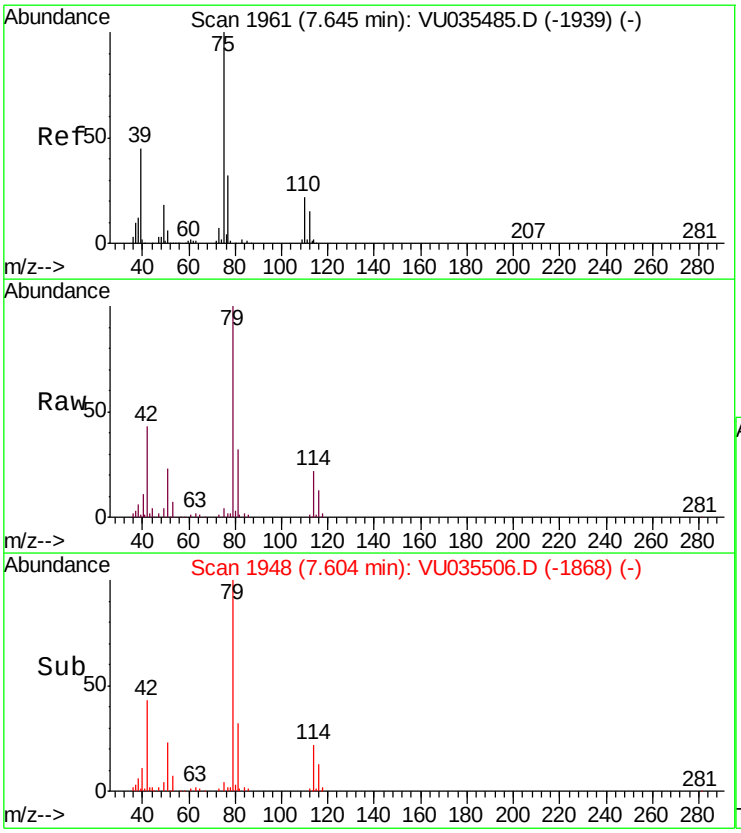
#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Instrument : MSVOA_U
ClientSampleId : GAQ95

Tgt Ion: 63 Resp: 14061

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

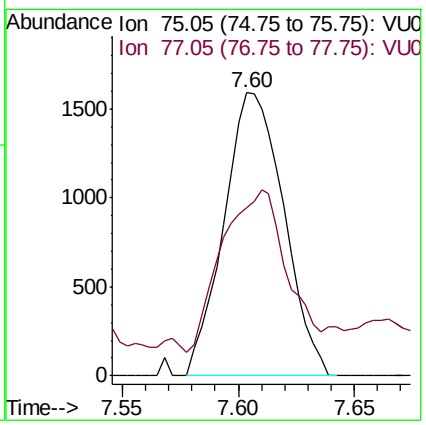


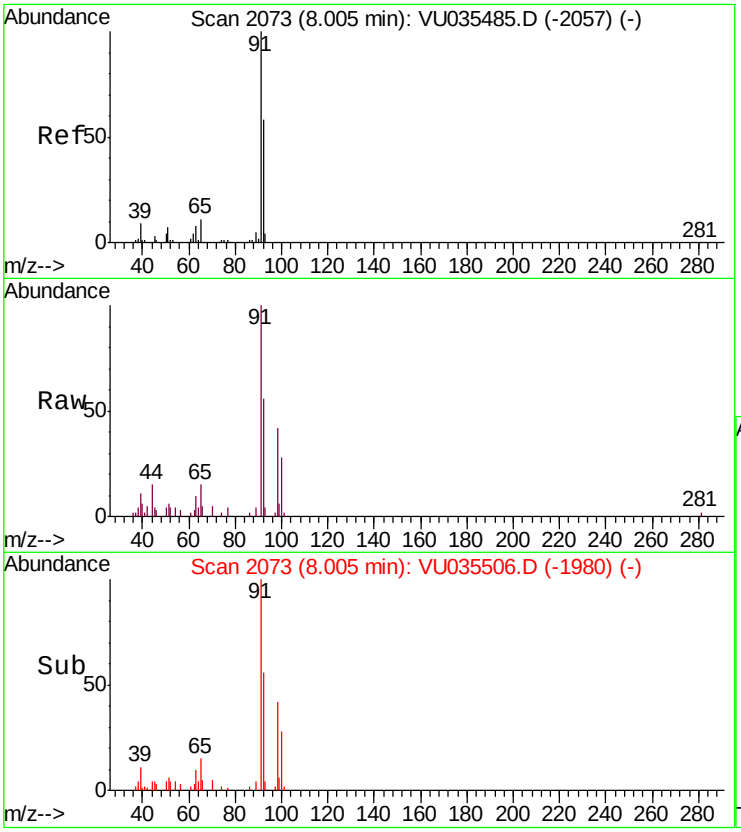


#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Tgt Ion: 75 Resp: 2851

Ion	Ratio	Lower	Upper
75	100		
77	59.5	22.0	40.8#



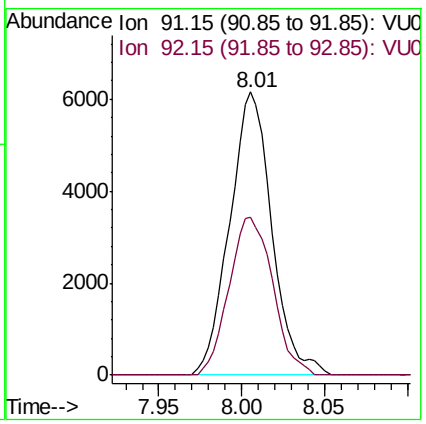


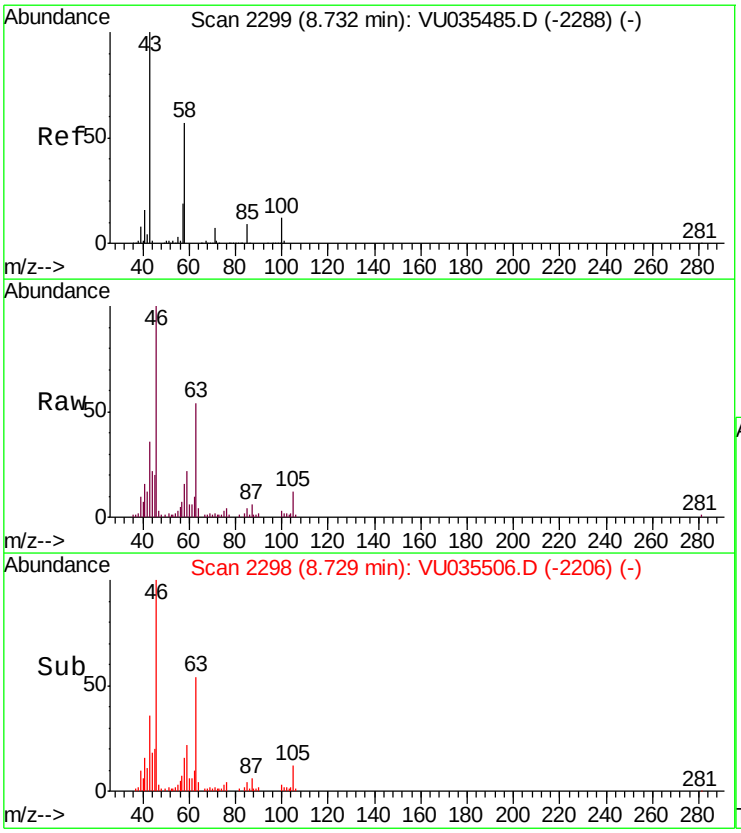
#42
Toluene
Concen: 0.123 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Instrument : MSVOA_U
ClientSampleId : GAQ95

Tgt Ion: 91 Resp: 10883

Ion	Ratio	Lower	Upper
91	100		
92	55.6	40.9	75.9

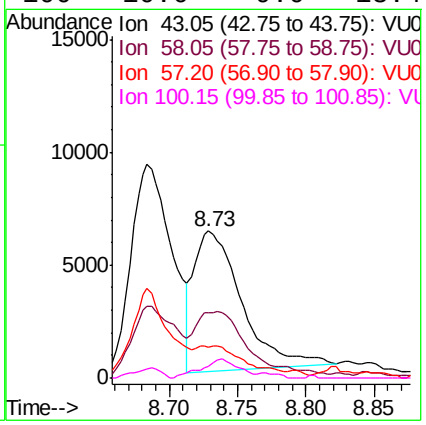


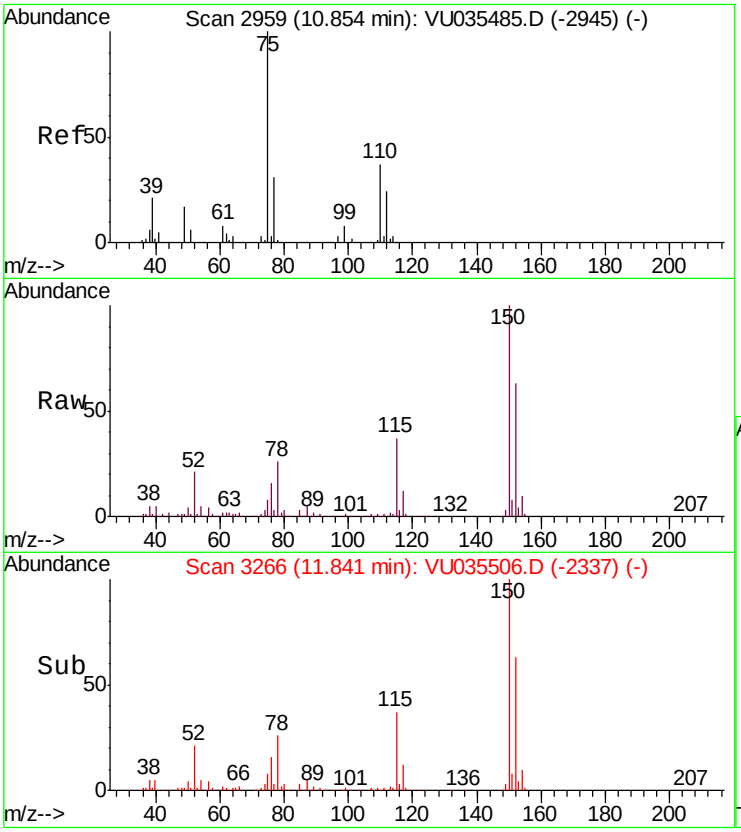


#48
2-Hexanone
Concen: 1.636 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Tgt Ion: 43 Resp: 14931

Ion	Ratio	Lower	Upper
43	100		
58	50.4	43.1	64.7
57	2.4	14.2	21.2#
100	10.6	9.0	13.4





#59
1,2,3-Trichloropropane
Concen: 0.744 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035506.D
Acq: 25 Oct 2019 23:18

Instrument :
MSVOA_U
ClientSampleId :
GAQ95

Tgt Ion: 75 Resp: 10924

Ion	Ratio	Lower	Upper
75	100		
77	38.1	27.4	41.0