Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111519\

Quantitation Report (Not Reviewed)

Data File : VU035715.D
Acq On : 15 Nov 2019 10:33
Operator : JC/SP
Sample : K5856-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQG1

Quant Time: Nov 16 01:39:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	286045	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	318062	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	121879	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	78960	2.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 53.60%			
7) Chloroethane-d5	1.93	69	74223	3.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 61.60%#			
11) 1,1-Dichloroethene-d2	2.60	63	100623	2.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 40.60%#			
20) 2-Butanone-d5	4.70	46	202825	31.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 62.40%			
24) Chloroform-d	5.11	84	145310	3.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 62.00%#			
26) 1,2-Dichloroethane-d4	5.75	65	78130	3.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.40%#			
32) Benzene-d6	5.77	84	296430	2.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 59.20%#			
36) 1,2-Dichloropropane-d6	6.74	67	100353	3.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 62.00%			
41) Toluene-d8	7.93	98	241185	2.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 50.80%#			
43) trans-1,3-Dichloropropene-	8.22	79	35678	2.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 55.20%			
46) 2-Hexanone-d5	8.70	63	139684	27.57	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 55.14%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	80636	2.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 59.40%#			
64) 1,2-Dichlorobenzene-d4	12.22	152	79759	3.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 66.00%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	1800	0.072	ug/L #	1
13) Acetone	2.67	43	7087	1.512	ug/L	98
16) Methylene chloride	3.08	84	3379	0.113	ug/L	86
22) cis-1,2-Dichloroethene	4.72	96	11117	0.389	ug/L	97
25) Chloroform	5.14	83	12589	0.241	ug/L	93
34) Trichloroethene	6.58	95	17812	0.622	ug/L	96
35) Methylcyclohexane	6.74	83	23487	0.538	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	10345	0.351	ug/L #	88
38) Bromodichloromethane	7.15	83	4412	0.124	ug/L	95
42) Toluene	8.01	91	25264	0.215	ug/L	96
48) 2-Hexanone	8.74	43	20607	1.710	ug/L #	97
53) m,p-Xylene	9.73	106	5615	0.120	ug/L	95
54) o-Xylene	10.13	106	2824	0.062	ug/L	79
59) 1,2,3-Trichloropropane	11.84	75	14309	0.734	ug/L	100
63) 1,4-Dichlorobenzene	11.87	146	4225	0.107	ug/L	92
65) 1,2-Dichlorobenzene	12.25	146	8726	0.227	ug/L	99
67) 1,3,5-Trichlorobenzene	13.25	180	3738	0.142	ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111519\

Quantitation Report (Not Reviewed)

Data File : VU035715.D
Acq On : 15 Nov 2019 10:33
Operator : JC/SP
Sample : K5856-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQG1

Quant Time: Nov 16 01:39:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	14.36	180	8415	0.547	ug/L	97

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

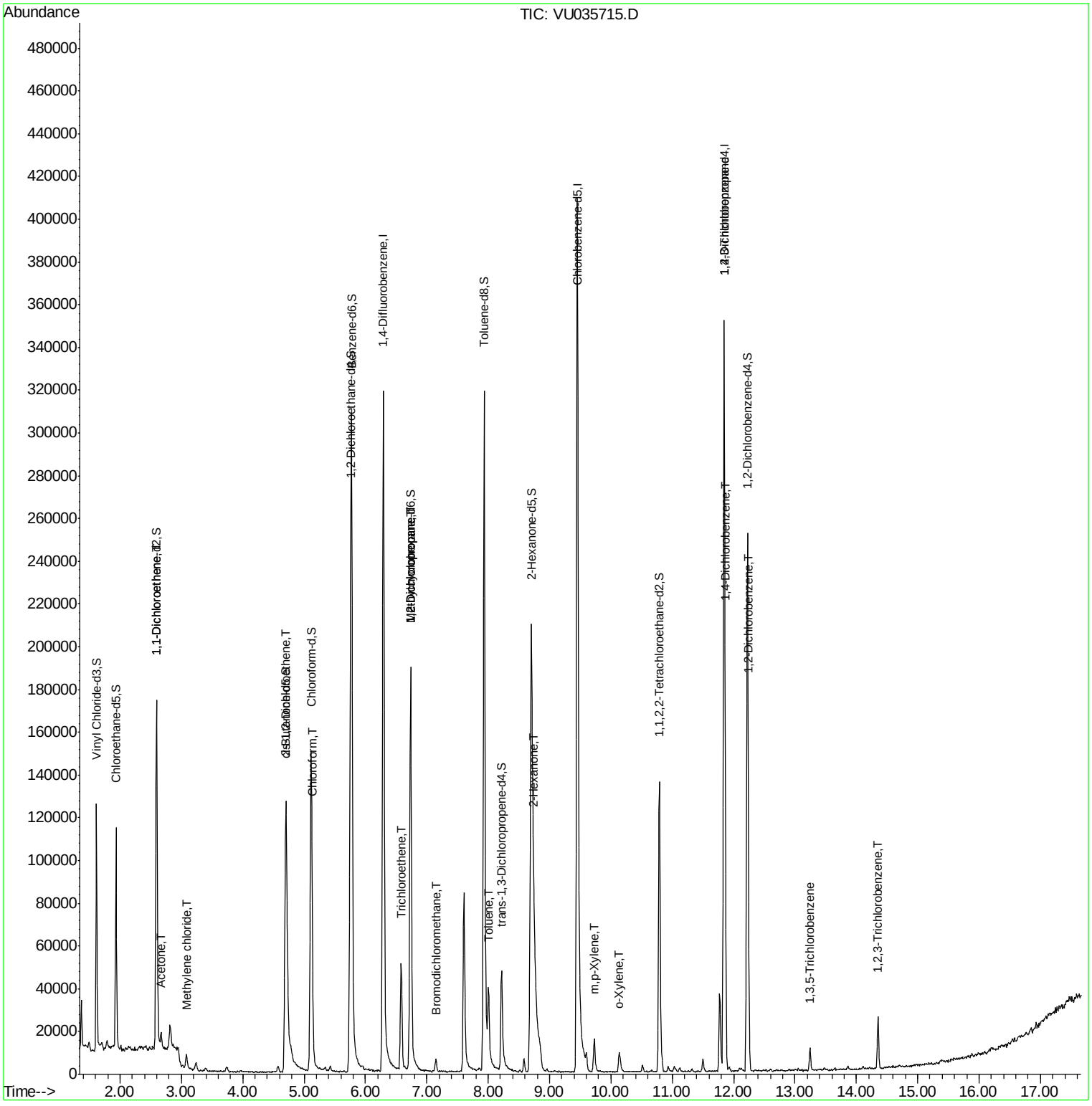
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111519\

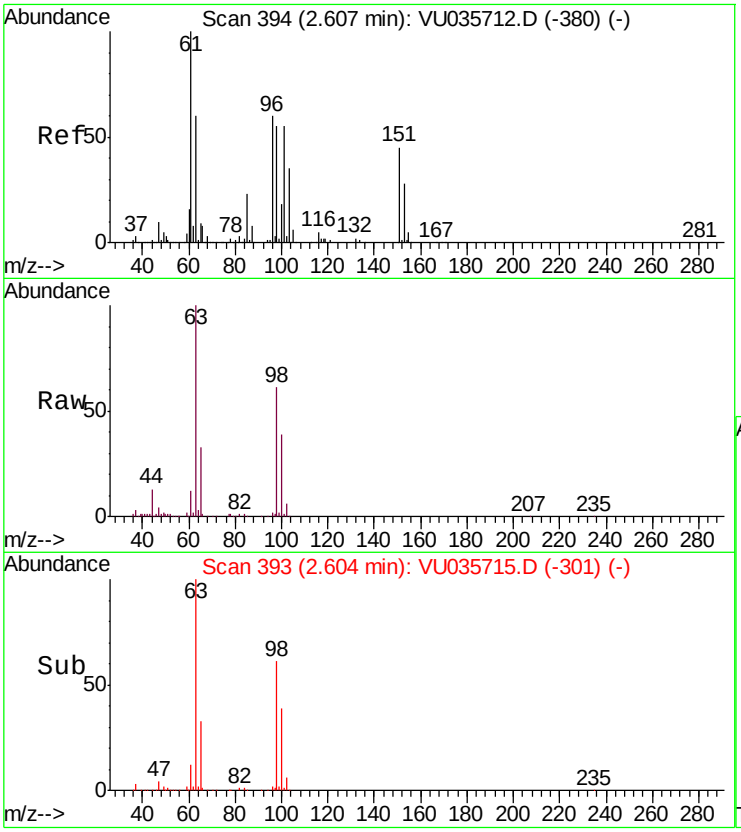
Quantitation Report (Not Reviewed)

Data File : VU035715.D
Acq On : 15 Nov 2019 10:33
Operator : JC/SP
Sample : K5856-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG1

Quant Time: Nov 16 01:39:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration



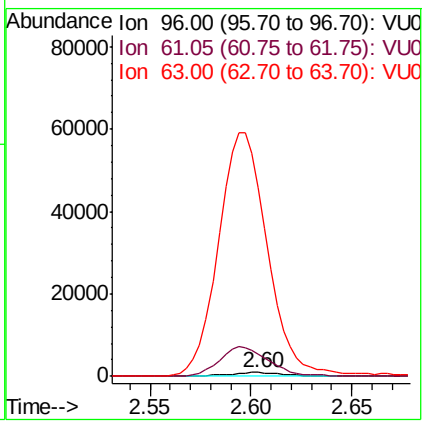


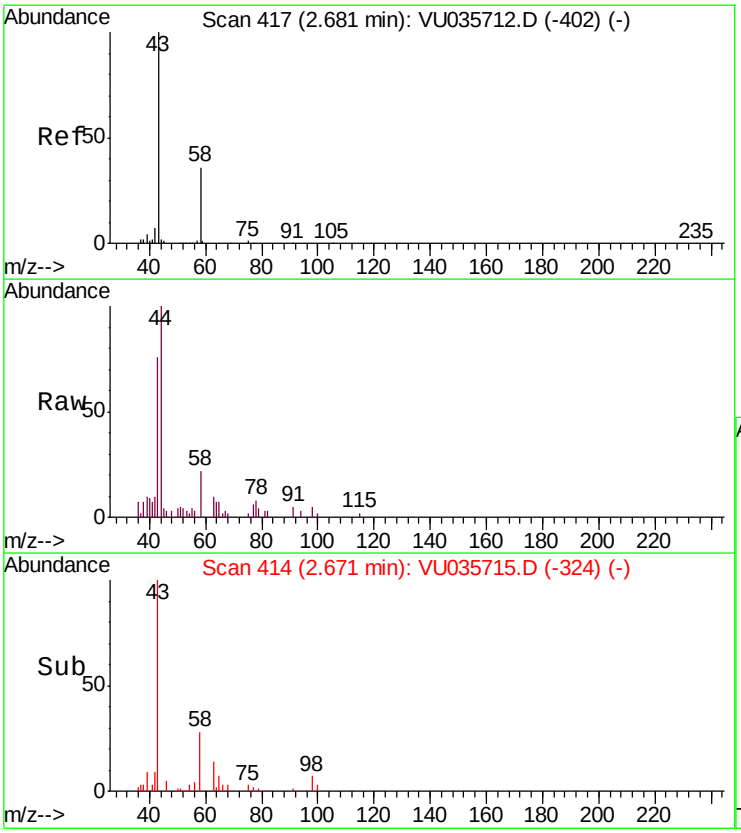
#12
1,1-Dichloroethene
Concen: 0.072 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Instrument : MSVOA_U
ClientSampleId : GAQG1

Tgt Ion: 96 Resp: 1800

Ion	Ratio	Lower	Upper
96	100		
61	589.8	123.1	228.5#
63	4911.5	87.8	163.0#

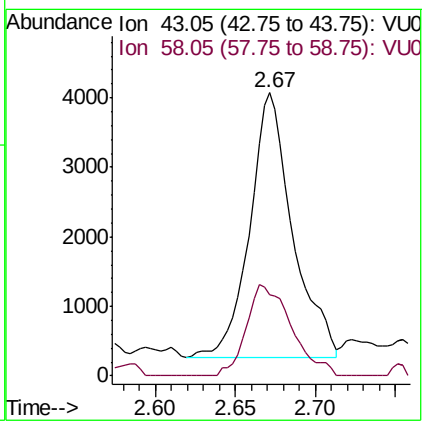


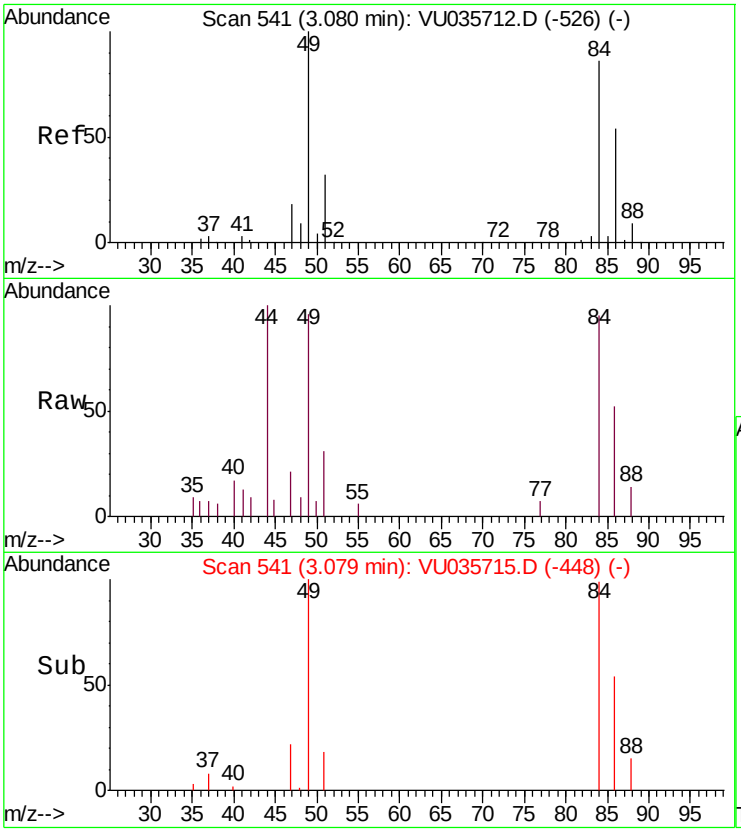


#13
Acetone
Concen: 1.512 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Tgt Ion: 43 Resp: 7087

Ion	Ratio	Lower	Upper
43	100		
58	36.1	0.0	69.8



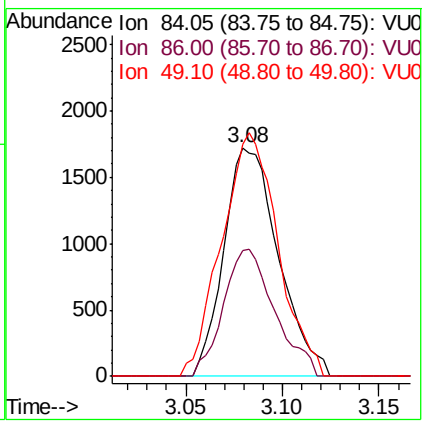


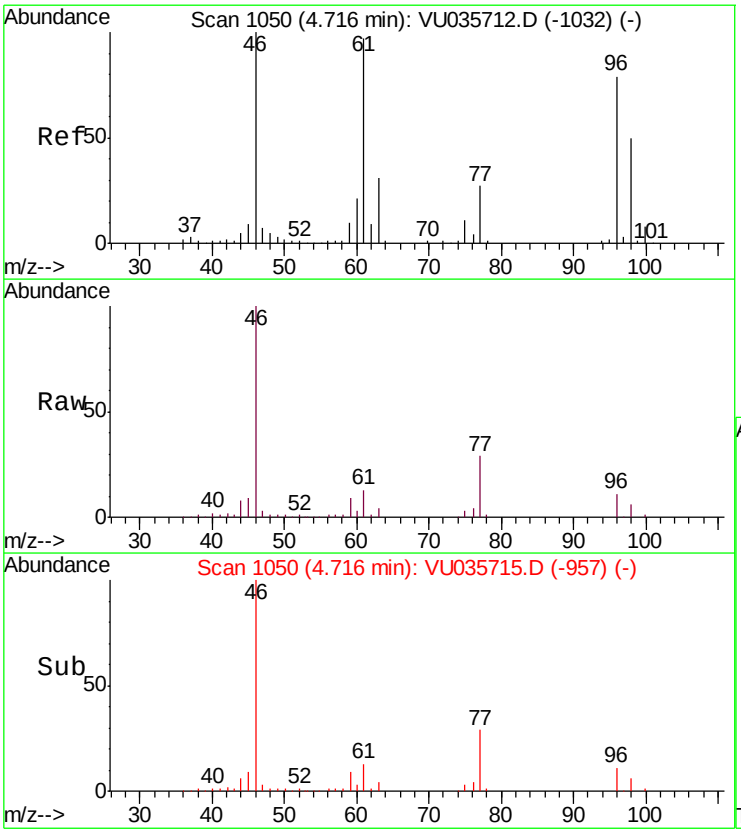
#16
Methylene chloride
Concen: 0.113 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Instrument : MSVOA_U
ClientSampleId : GAQG1

Tgt Ion: 84 Resp: 3379

Ion	Ratio	Lower	Upper
84	100		
86	54.8	45.8	85.2
49	101.3	81.9	152.1

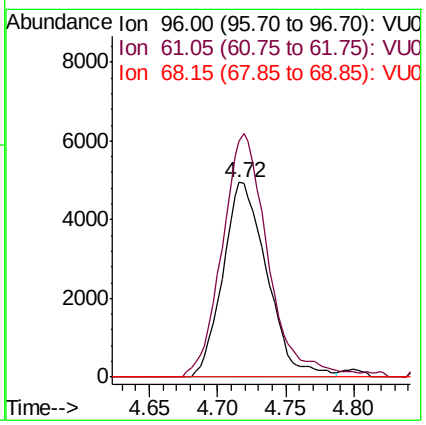


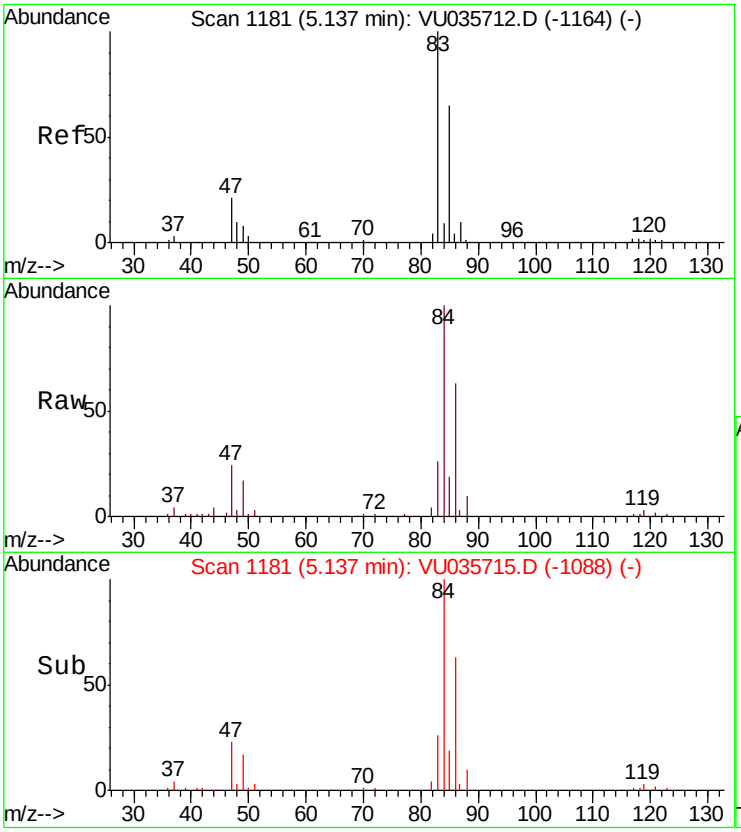


#22
cis-1,2-Dichloroethene
Concen: 0.389 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Tgt Ion: 96 Resp: 11117

Ion	Ratio	Lower	Upper
96	100		
61	121.3	87.0	161.6
68	0.0	0.0	0.0



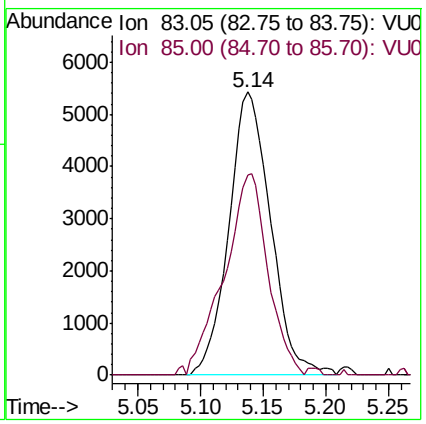


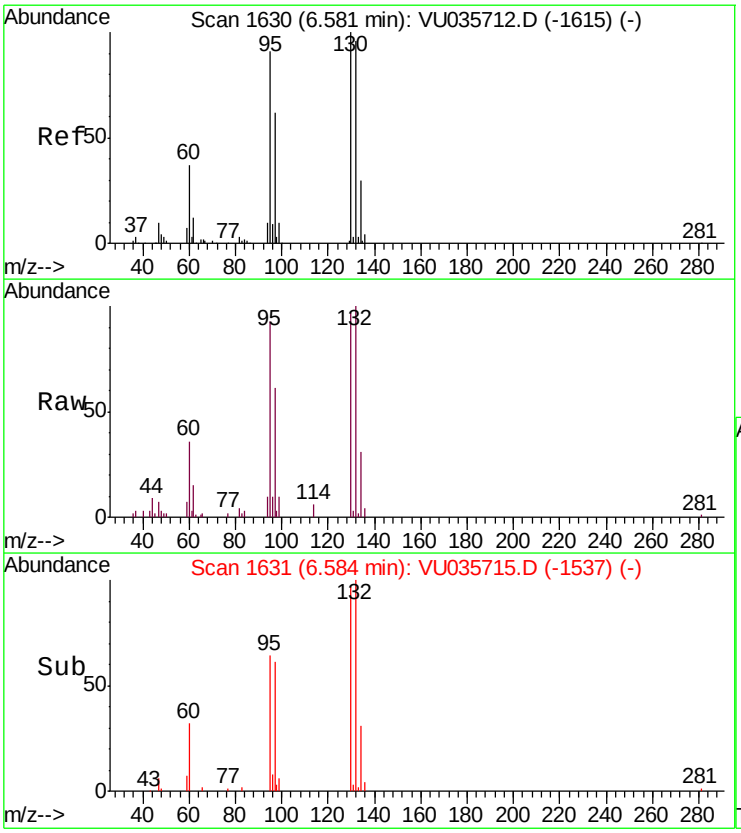
#25
Chloroform
Concen: 0.241 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :
GAQG1

Tgt Ion: 83 Resp: 12589

Ion	Ratio	Lower	Upper
83	100		
85	70.6	45.4	84.2

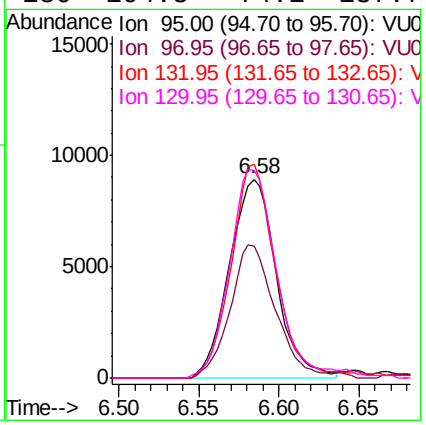


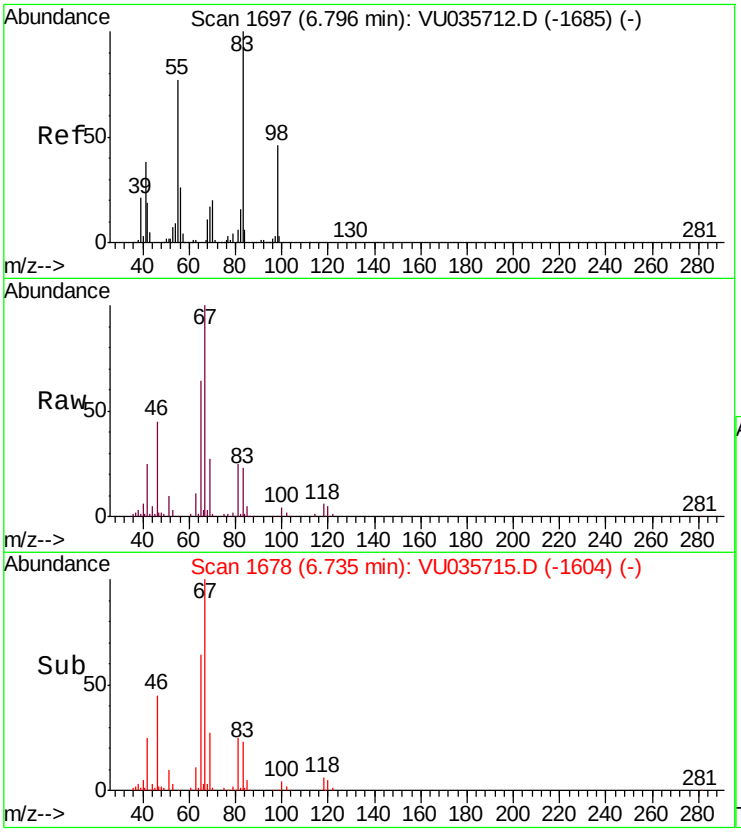


#34
Trichloroethene
Concen: 0.622 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Tgt Ion: 95 Resp: 17812

Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.5	82.7
132	107.5	69.9	129.7
130	104.3	74.1	137.7



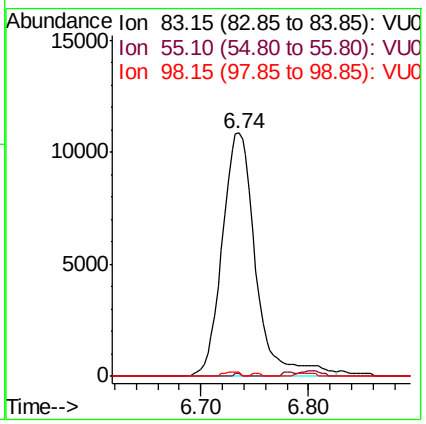


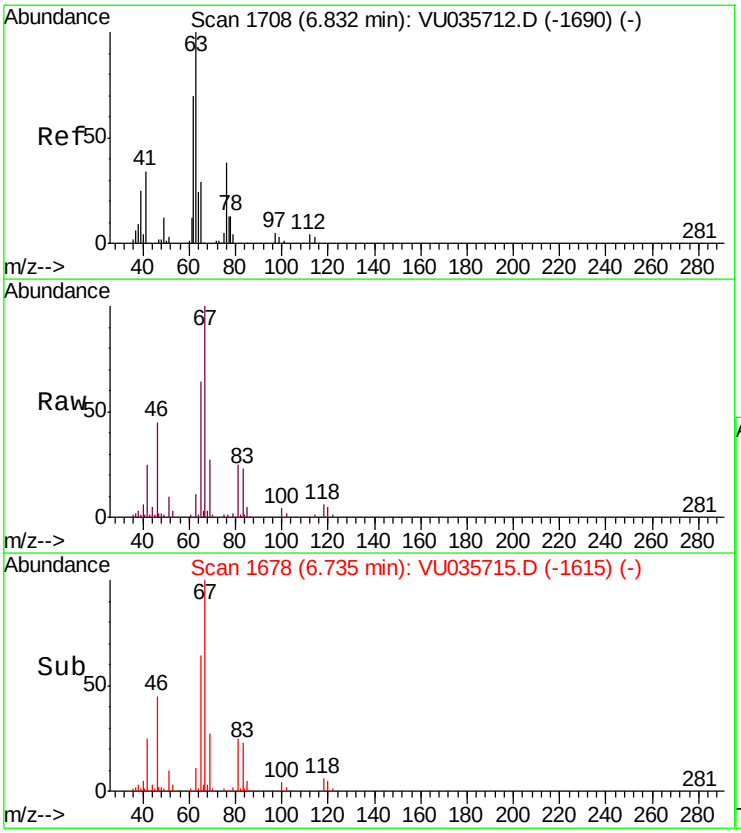
#35
Methylcyclohexane
Concen: 0.538 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :
GAQG1

Tgt Ion: 83 Resp: 23487

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	93.8#
98	0.8	37.2	55.8#

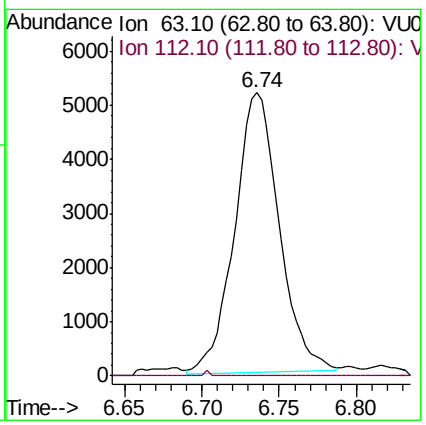


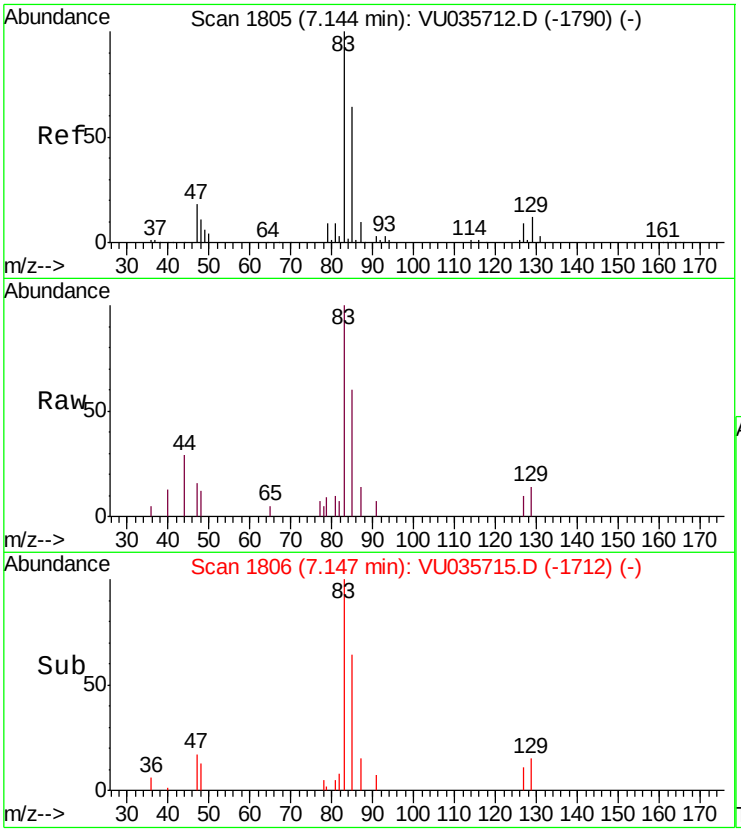


#37
1,2-Dichloropropane
Concen: 0.351 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Tgt Ion: 63 Resp: 10345

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.4	5.2#



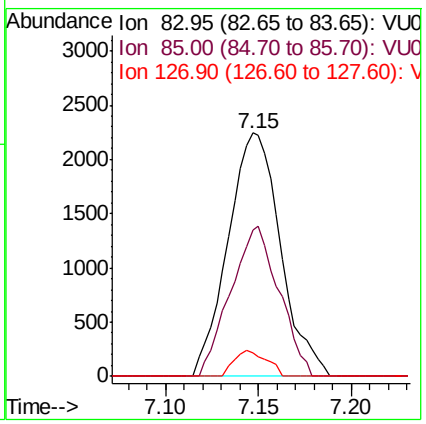


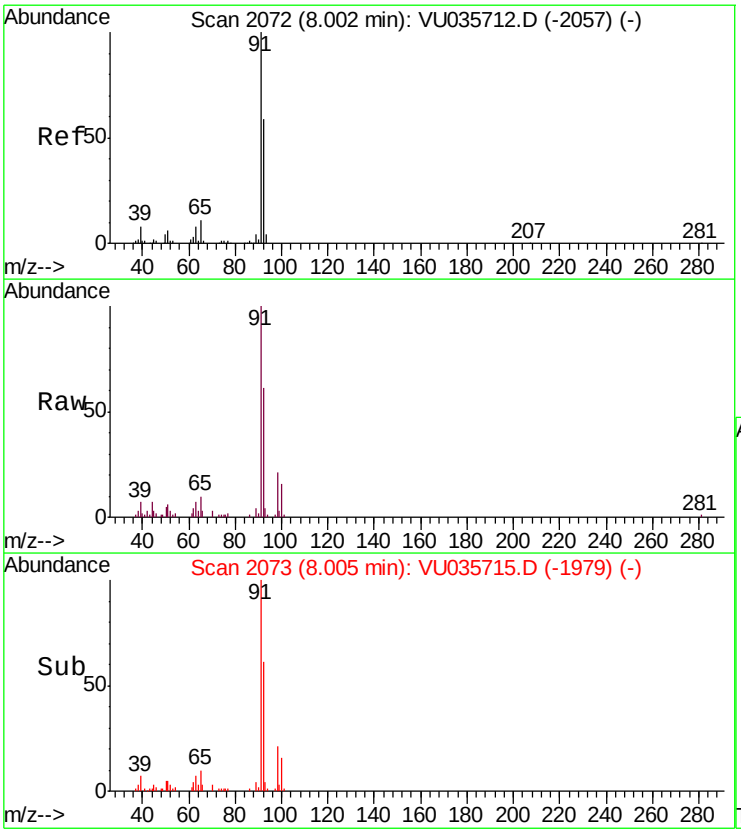
#38
Bromodichloromethane
Concen: 0.124 ug/L
RT: 7.15 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Instrument : MSVOA_U
ClientSampleId : GAQG1

Tgt Ion: 83 Resp: 4412

Ion	Ratio	Lower	Upper
83	100		
85	60.0	44.7	82.9
127	9.8	7.1	10.7

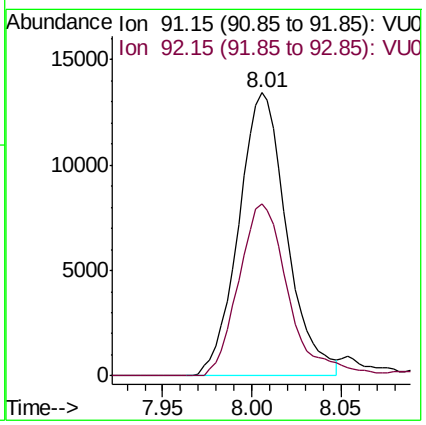


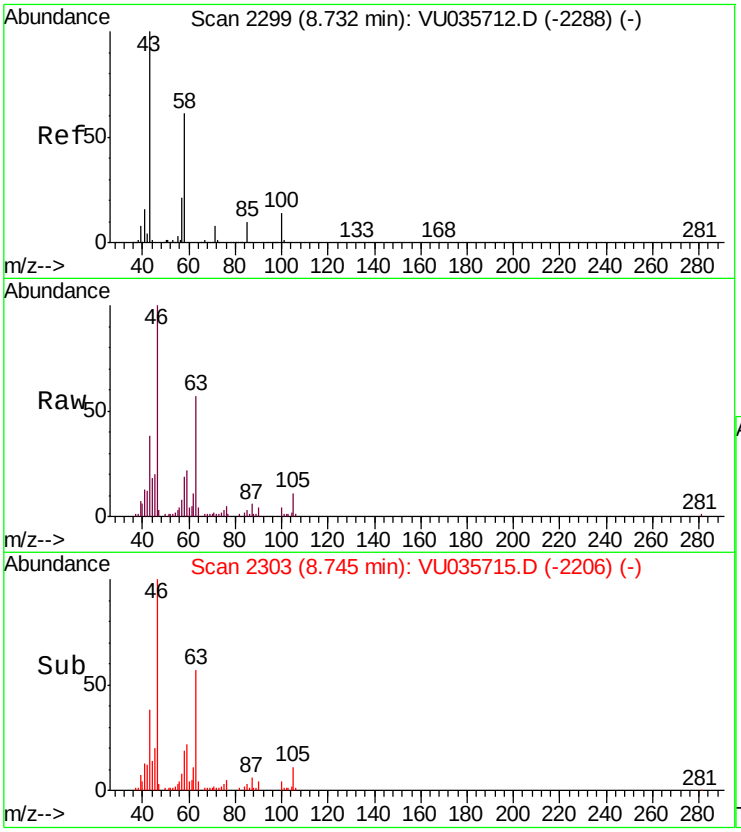


#42
Toluene
Concen: 0.215 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Tgt Ion: 91 Resp: 25264

Ion	Ratio	Lower	Upper
91	100		
92	60.7	40.5	75.3



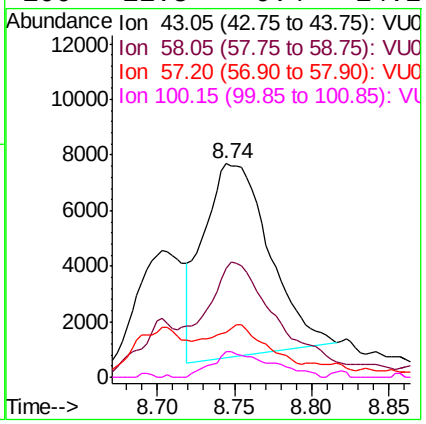


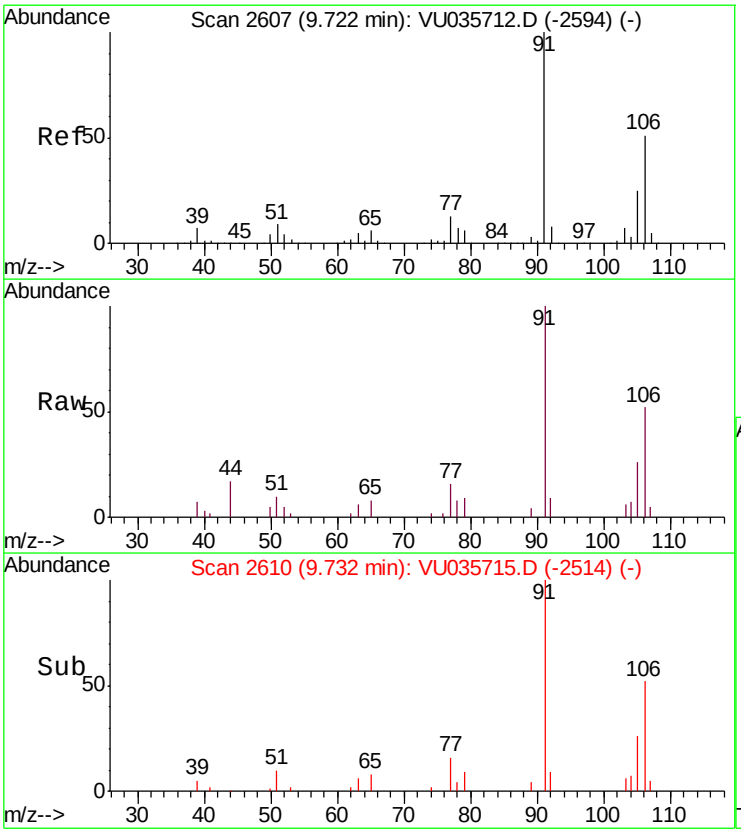
#48
2-Hexanone
Concen: 1.710 ug/L
RT: 8.74 min Scan# 2303
Delta R.T. 0.01 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Instrument : MSVOA_U
ClientSampleId : GAQG1

Tgt Ion: 43 Resp: 20607

Ion	Ratio	Lower	Upper
43	100		
58	54.5	44.1	66.1
57	13.9	15.1	22.7#
100	11.8	9.4	14.2

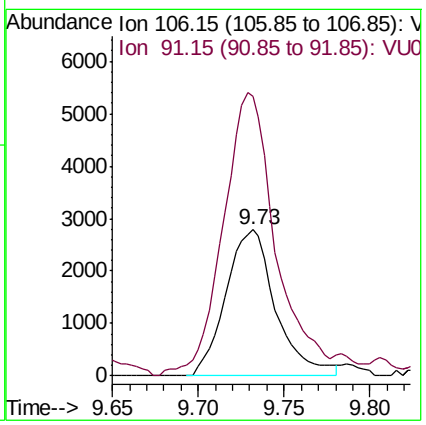


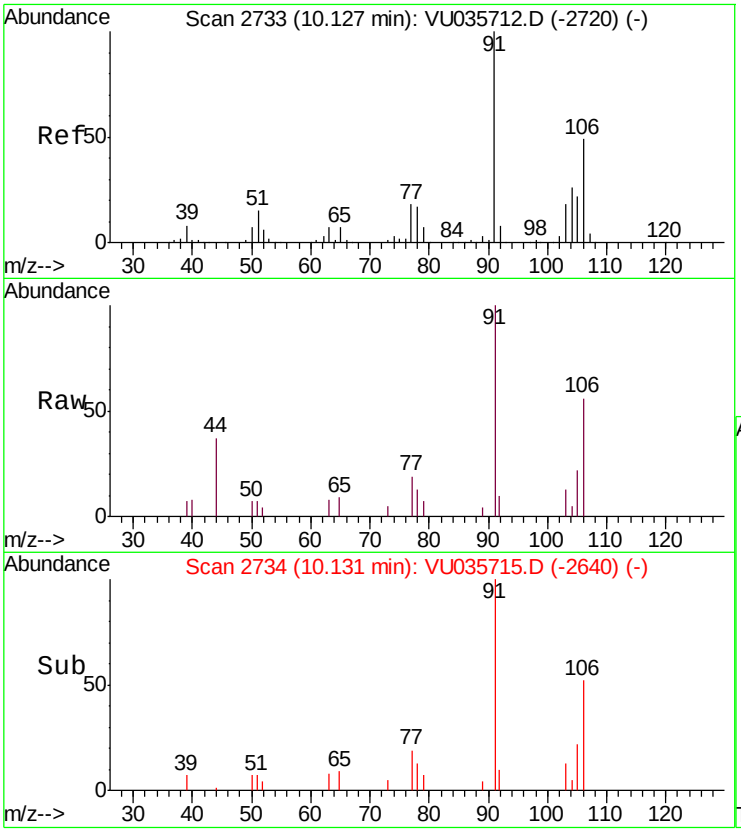


#53
m,p-Xylene
Concen: 0.120 ug/L
RT: 9.73 min Scan# 2610
Delta R.T. 0.01 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Tgt Ion:106 Resp: 5615

Ion	Ratio	Lower	Upper
106	100		
91	191.6	139.4	259.0



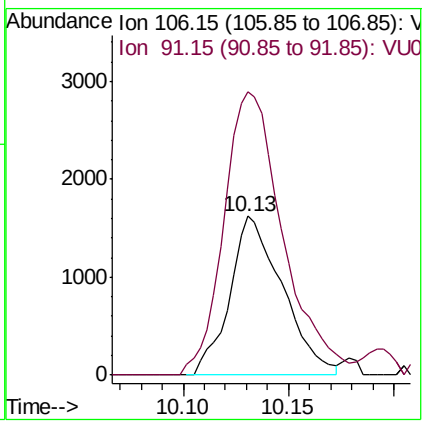


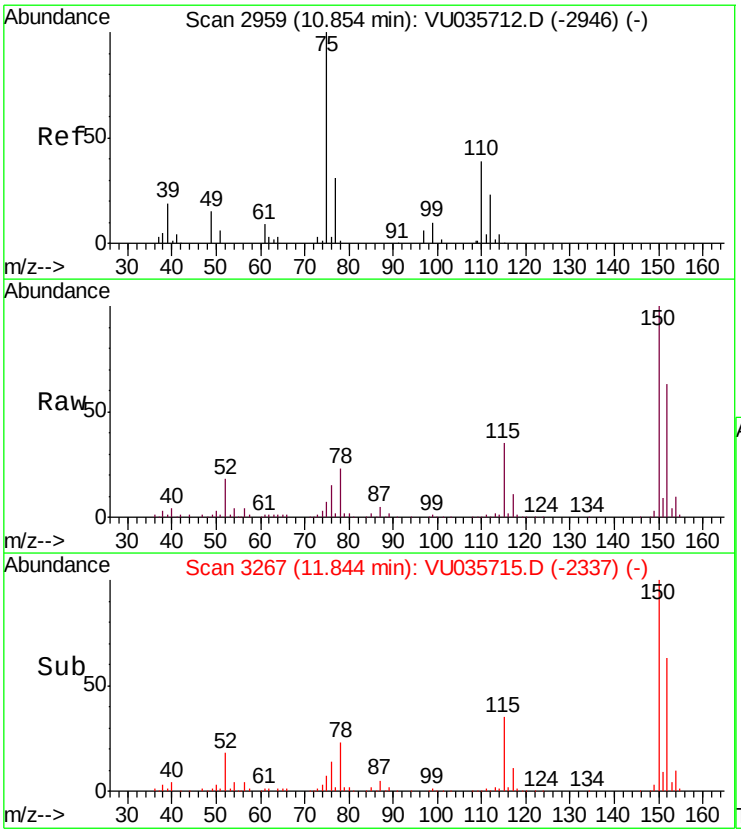
#54
o-Xylene
Concen: 0.062 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :
GAQG1

Tgt Ion:106 Resp: 2824

Ion	Ratio	Lower	Upper
106	100		
91	177.9	147.7	274.3

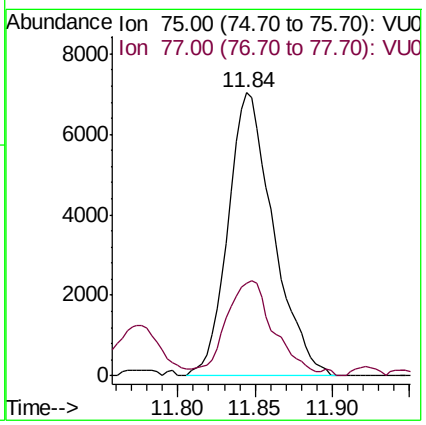


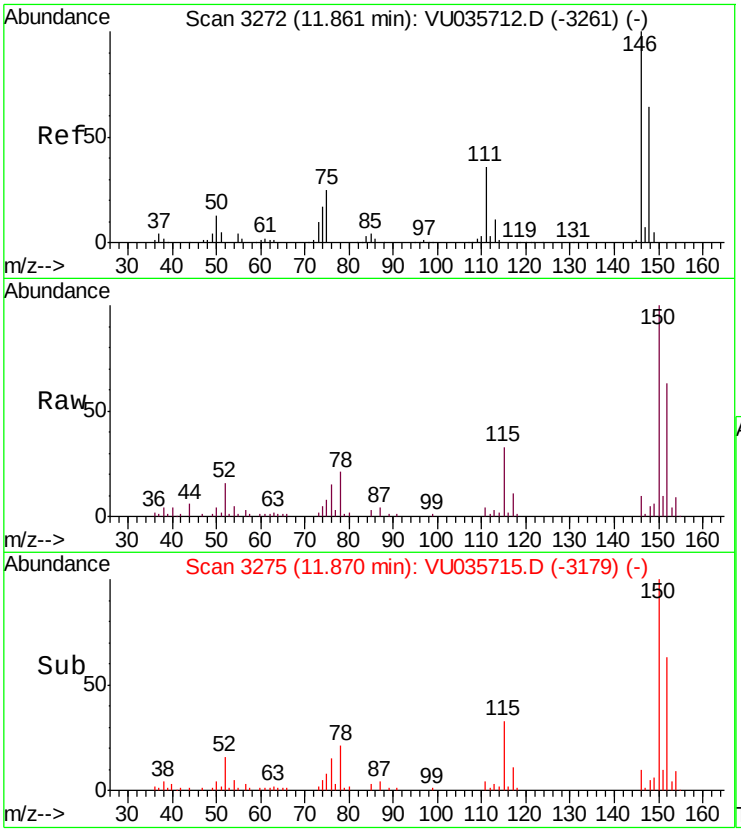


#59
1,2,3-Trichloropropane
Concen: 0.734 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Tgt Ion: 75 Resp: 14309

Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.8	40.2



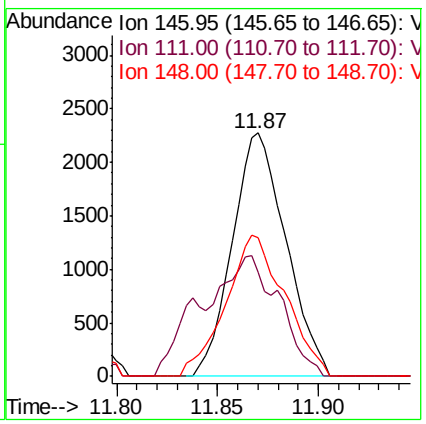


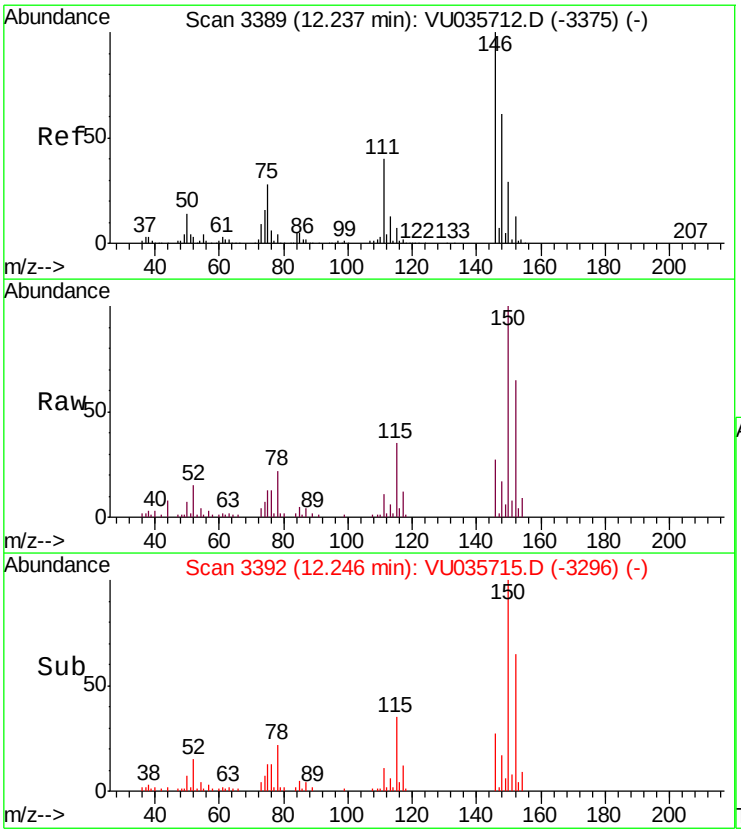
#63
1,4-Dichlorobenzene
Concen: 0.107 ug/L
RT: 11.87 min Scan# 3275
Delta R.T. 0.01 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Instrument : MSVOA_U
ClientSampleId : GAQG1

Tgt Ion:146 Resp: 4225

Ion	Ratio	Lower	Upper
146	100		
111	42.7	25.9	48.1
148	56.9	44.1	81.9

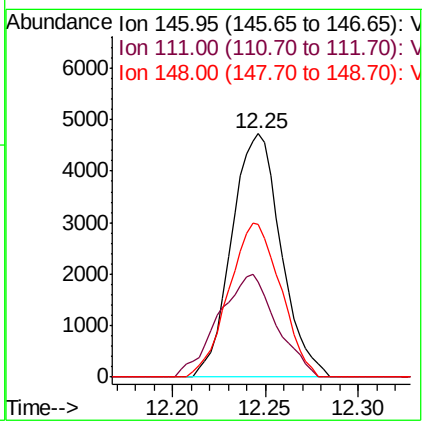


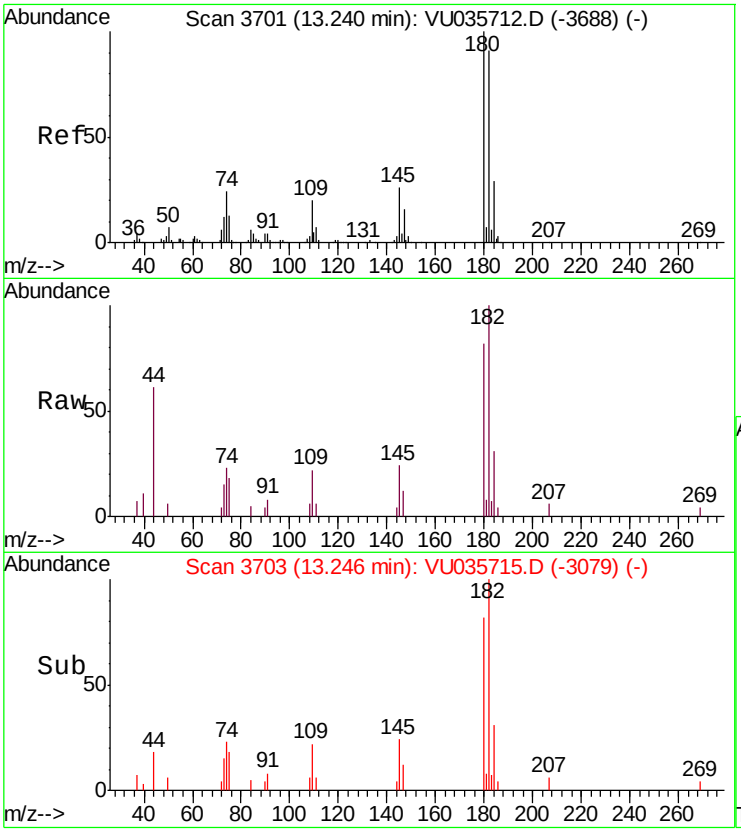


#65
1,2-Dichlorobenzene
Concen: 0.227 ug/L
RT: 12.25 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Tgt Ion:146 Resp: 8726

Ion	Ratio	Lower	Upper
146	100		
111	39.1	32.2	48.4
148	62.5	50.7	76.1



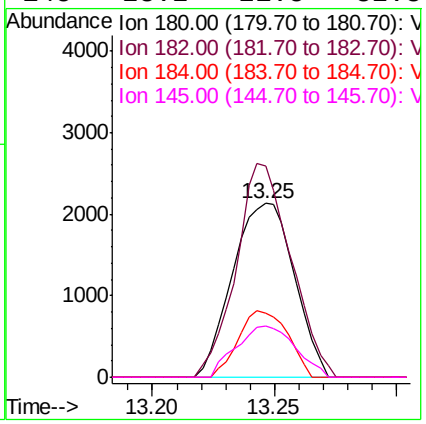


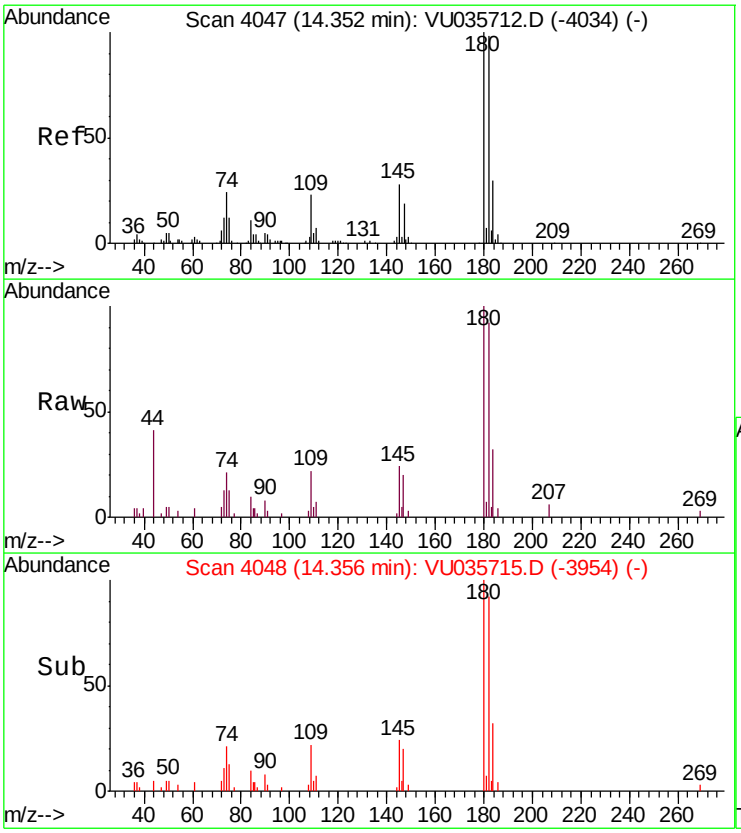
#67
1,3,5-Trichlorobenzene
Concen: 0.142 ug/L
RT: 13.25 min Scan# 3703
Delta R.T. 0.01 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Instrument :
MSVOA_U
ClientSampleId :
GAQG1

Tgt Ion:180 Resp: 3738

Ion	Ratio	Lower	Upper
180	100		
182	108.6	75.9	113.9
184	30.8	24.1	36.1
145	28.2	21.5	32.3





#70
1,2,3-Trichlorobenzene
Concen: 0.547 ug/L
RT: 14.36 min Scan# 4048
Delta R.T. 0.00 min
Lab File: VU035715.D
Acq: 15 Nov 2019 10:33

Tgt Ion:180 Resp: 8415

Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.8	112.2
145	28.2	23.6	35.4