Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102419\

Quantitation Report (Not Reviewed)

Data File : VU035465.D
Acq On : 24 Oct 2019 17:44
Operator : JC/SP
Sample : K5488-16DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0FZ1DL

Quant Time: Oct 25 07:08:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	214243	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	223354	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	62601	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	48273	3.69	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.80%			
7) Chloroethane-d5	1.93	69	53784	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.00%			
11) 1,1-Dichloroethene-d2	2.59	63	68753	2.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.00%#			
20) 2-Butanone-d5	4.70	46	236931	63.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.22%			
24) Chloroform-d	5.11	84	116887	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.75	65	70476	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.60%			
32) Benzene-d6	5.77	84	210938	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.60%			
36) 1,2-Dichloropropane-d6	6.74	67	79906	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.93	98	160913	3.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.80%#			
43) trans-1,3-Dichloropropene-	8.21	79	26088	3.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 66.20%			
46) 2-Hexanone-d5	8.68	63	140556	40.49	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.98%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	74507	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.00%			
64) 1,2-Dichlorobenzene-d4	12.22	152	50651	4.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	8219	0.442	ug/L #	53
12) 1,1-Dichloroethene	2.60	96	1389	0.101	ug/L #	1
16) Methylene chloride	3.08	84	6929	0.418	ug/L	99
17) Methyl tert-butyl Ether	3.43	73	22331	0.603	ug/L #	94
18) trans-1,2-Dichloroethene	3.39	96	11565	0.779	ug/L	95
19) 1,1-Dichloroethane	3.92	63	3266	0.122	ug/L	87
22) cis-1,2-Dichloroethene	4.72	96	142148	8.658	ug/L	100
25) Chloroform	5.14	83	11200	0.380	ug/L	97
34) Trichloroethene	6.58	95	77480	4.385	ug/L	95
35) Methylcyclohexane	6.74	83	18324	0.621	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	9435	0.566	ug/L #	87
48) 2-Hexanone	8.73	43	14798	1.874	ug/L #	83
59) 1,2,3-Trichloropropane	11.84	75	8630	0.742	ug/L	94

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

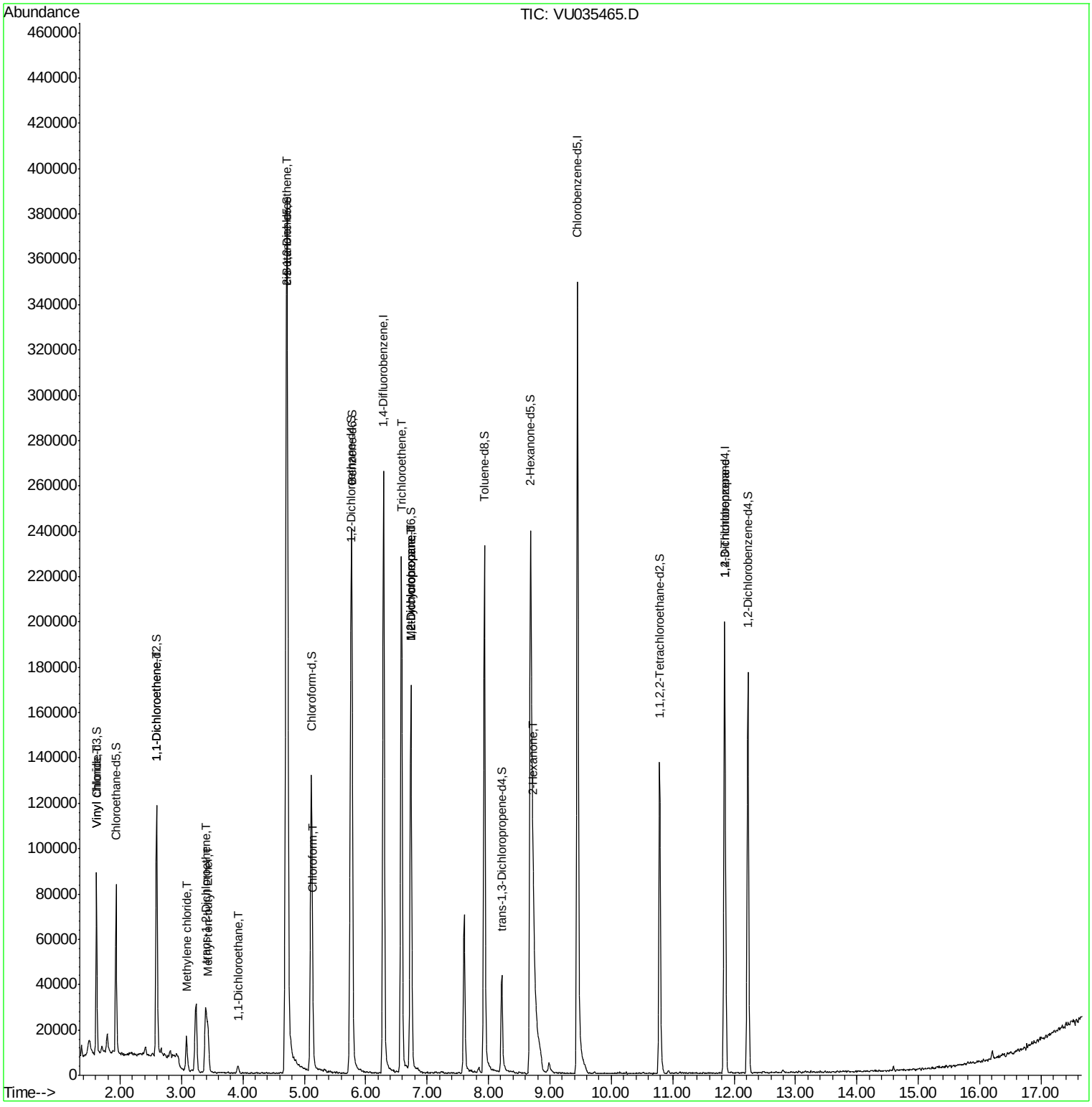
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102419\

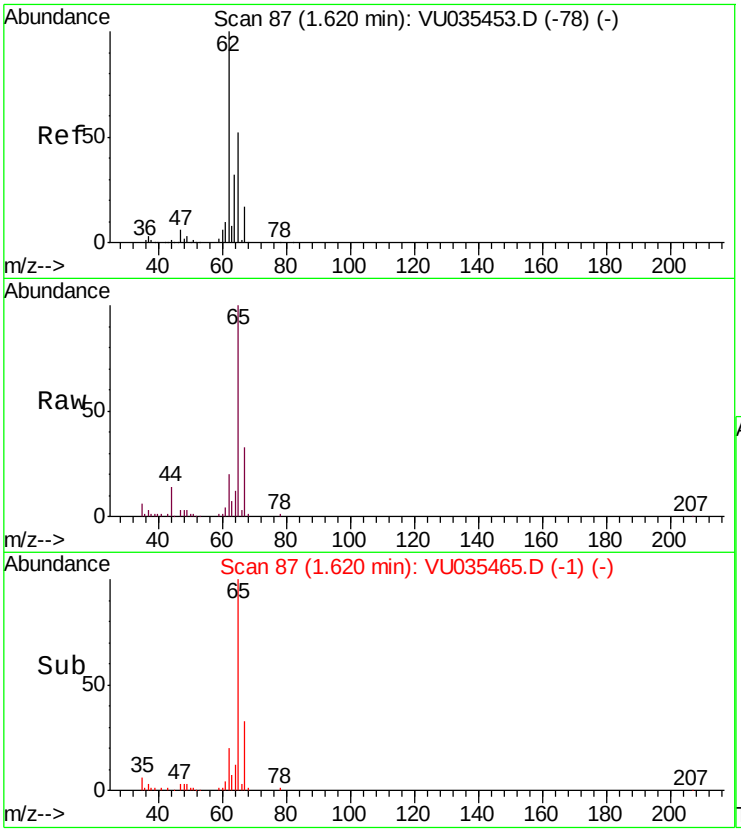
Quantitation Report (Not Reviewed)

Data File : VU035465.D
Acq On : 24 Oct 2019 17:44
Operator : JC/SP
Sample : K5488-16DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0FZ1DL

Quant Time: Oct 25 07:08:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration



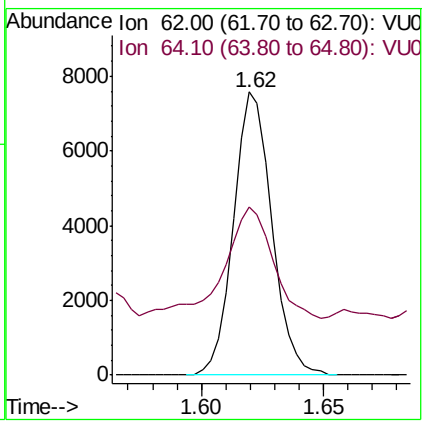


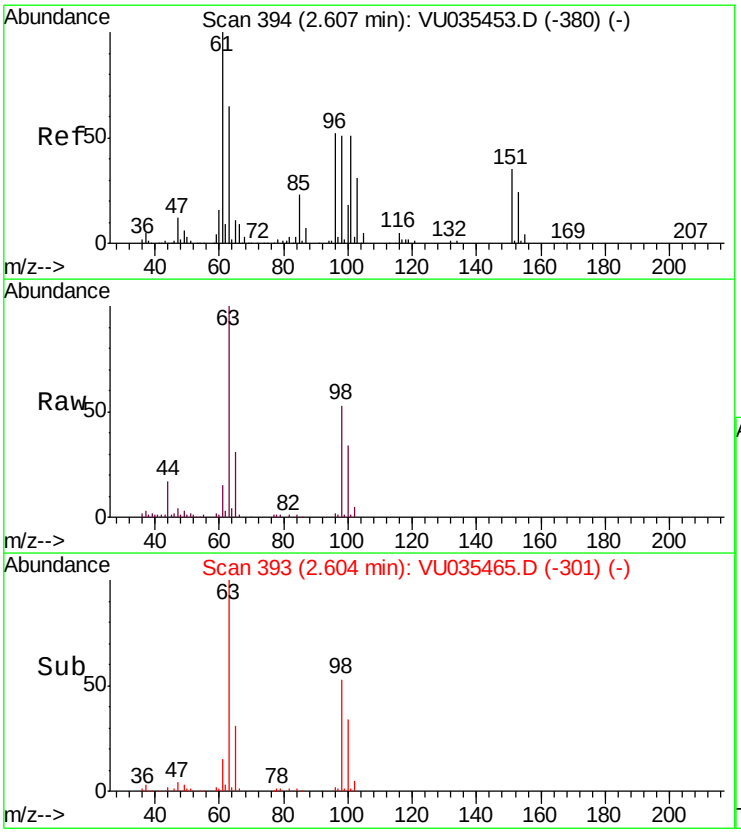
#5
Vinyl chloride
Concen: 0.442 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :
H0FZ1DL

Tgt Ion: 62 Resp: 8219

Ion	Ratio	Lower	Upper
62	100		
64	59.3	22.9	42.5#

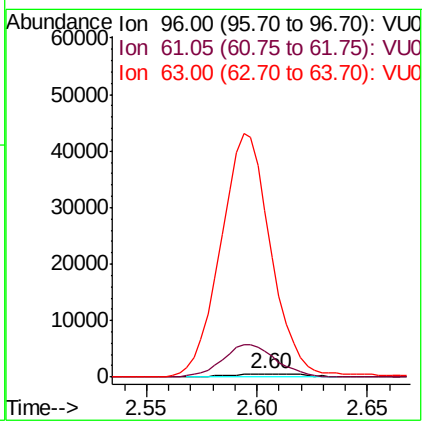


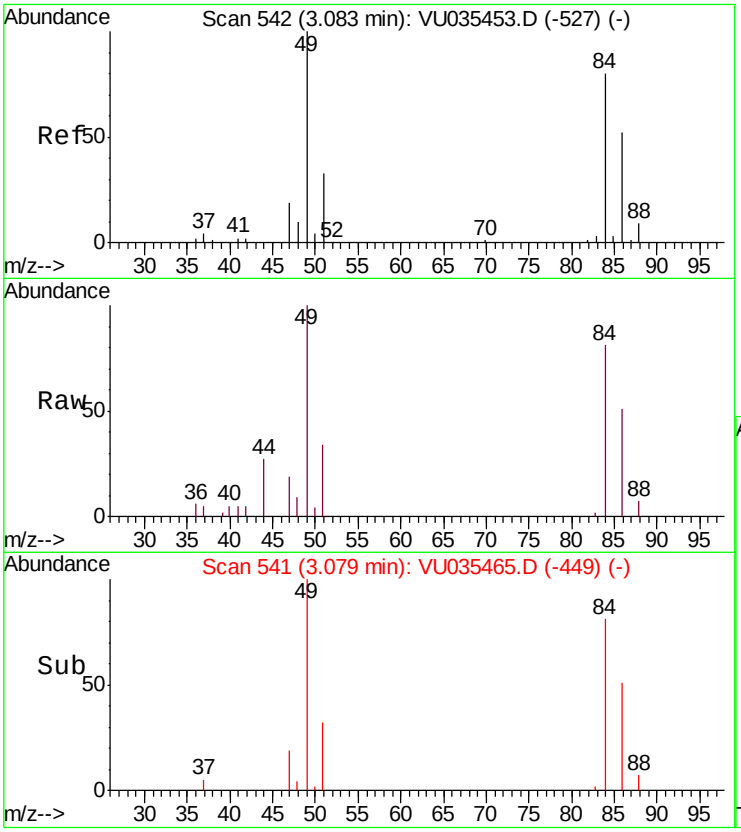


#12
1,1-Dichloroethene
Concen: 0.101 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Tgt Ion: 96 Resp: 1389

Ion	Ratio	Lower	Upper
96	100		
61	736.6	120.6	224.0#
63	4781.9	86.8	161.2#



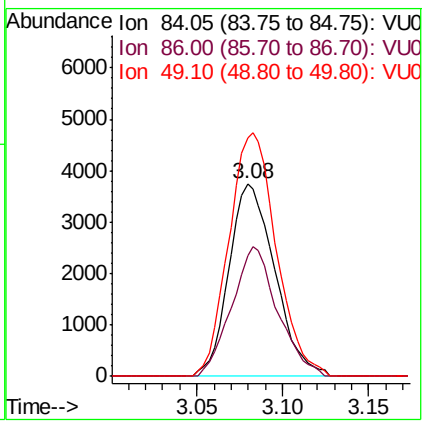


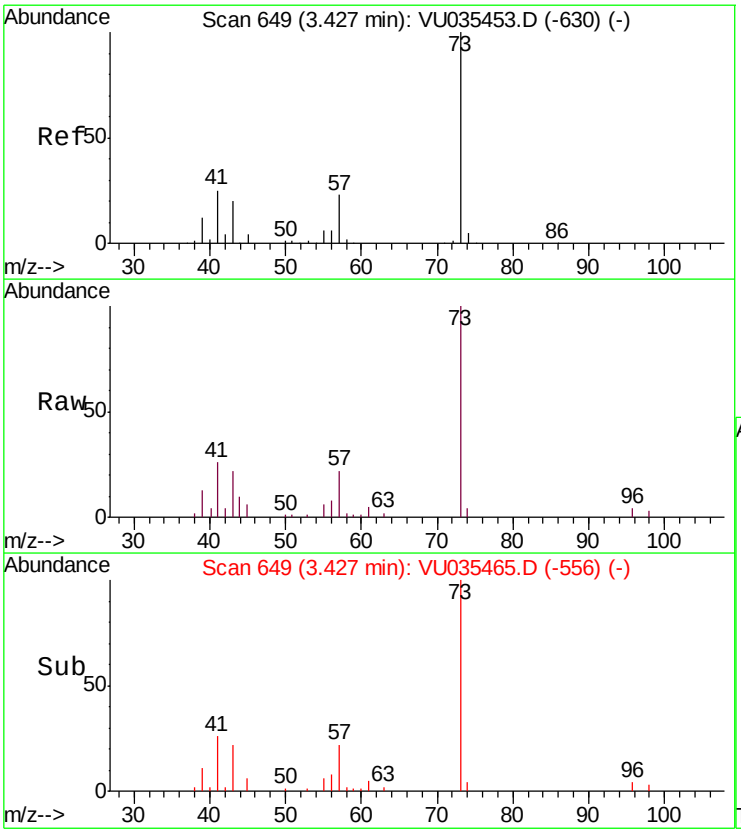
#16
Methylene chloride
Concen: 0.418 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Instrument : MSVOA_U
ClientSampleId : H0FZ1DL

Tgt Ion: 84 Resp: 6929

Ion	Ratio	Lower	Upper
84	100		
86	62.8	45.4	84.2
49	124.2	86.8	161.2

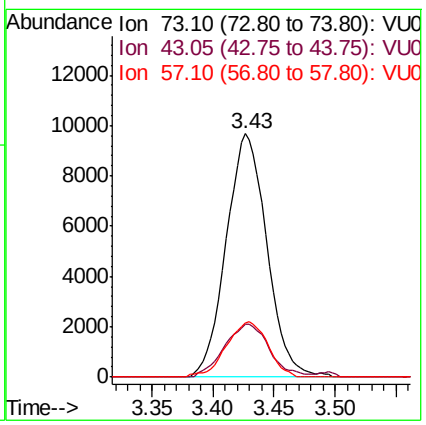


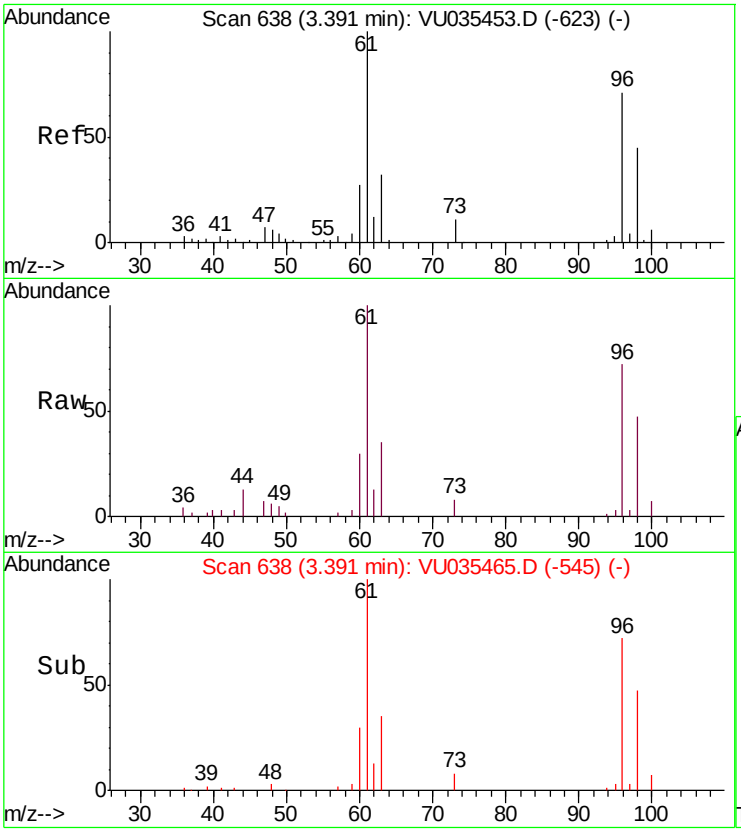


#17
Methyl tert-butyl Ether
Concen: 0.603 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Tgt Ion: 73 Resp: 22331

Ion	Ratio	Lower	Upper
73	100		
43	24.1	16.0	24.0#
57	23.1	17.4	26.2



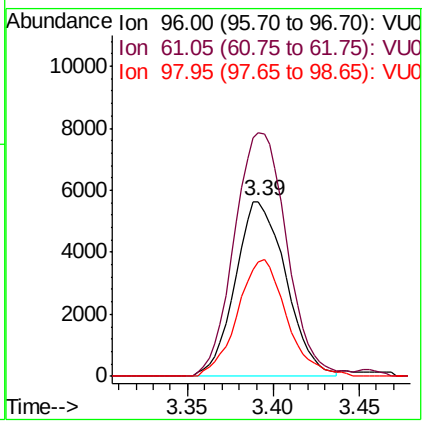


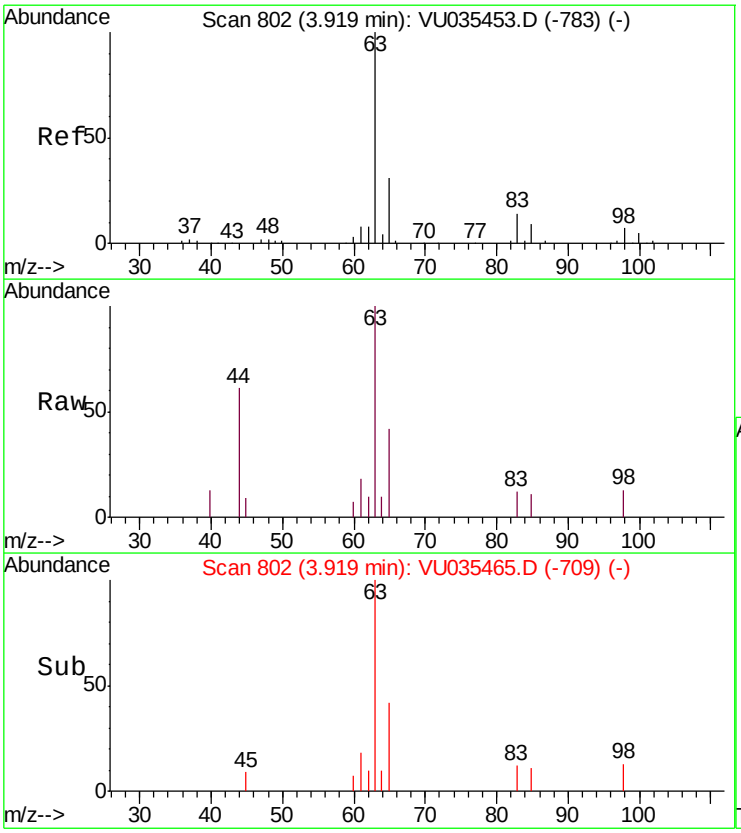
#18
trans-1,2-Dichloroethene
Concen: 0.779 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :
H0FZ1DL

Tgt Ion: 96 Resp: 11565

Ion	Ratio	Lower	Upper
96	100		
61	139.0	93.0	172.6
98	65.6	43.7	81.1

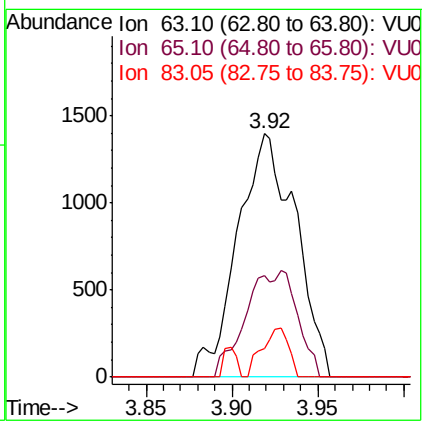


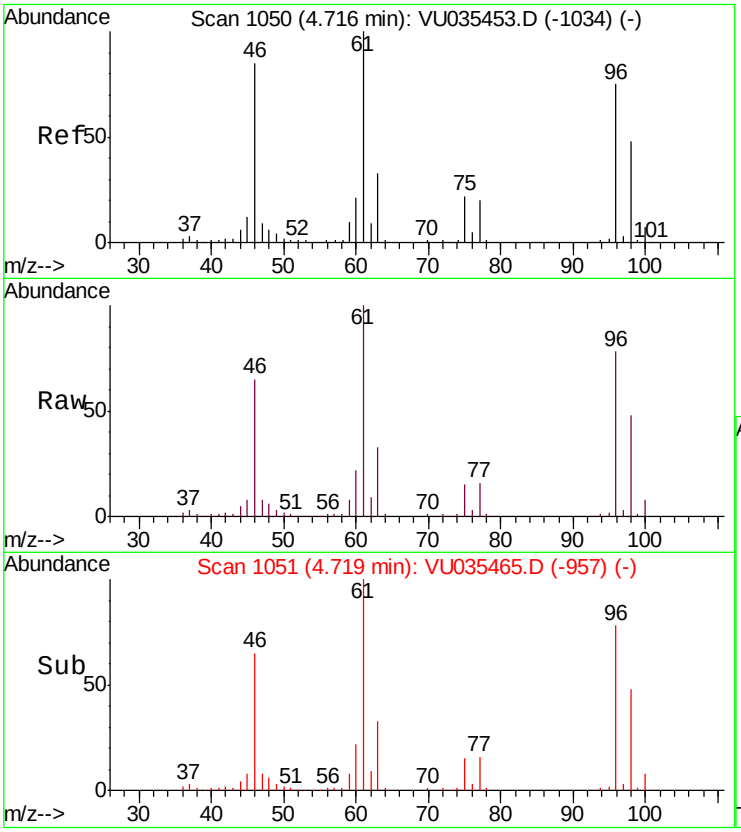


#19
1,1-Dichloroethane
Concen: 0.122 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Tgt Ion: 63 Resp: 3266

Ion	Ratio	Lower	Upper
63	100		
65	41.6	22.4	41.6
83	11.8	9.3	17.3



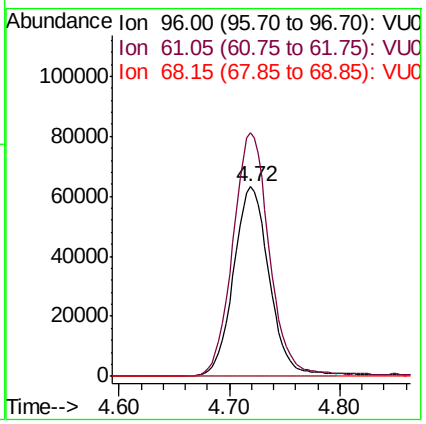


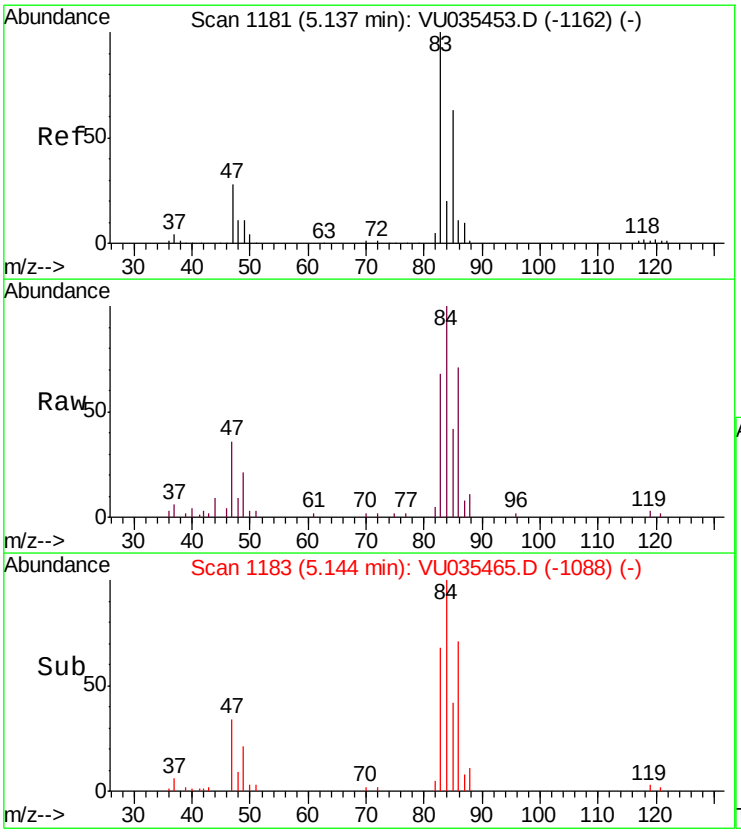
#22
cis-1,2-Dichloroethene
Concen: 8.658 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :
H0FZ1DL

Tgt Ion: 96 Resp: 142148

Ion	Ratio	Lower	Upper
96	100		
61	128.6	89.7	166.5
68	0.0	0.0	0.0

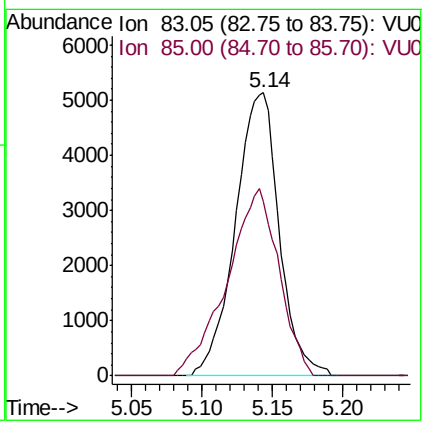


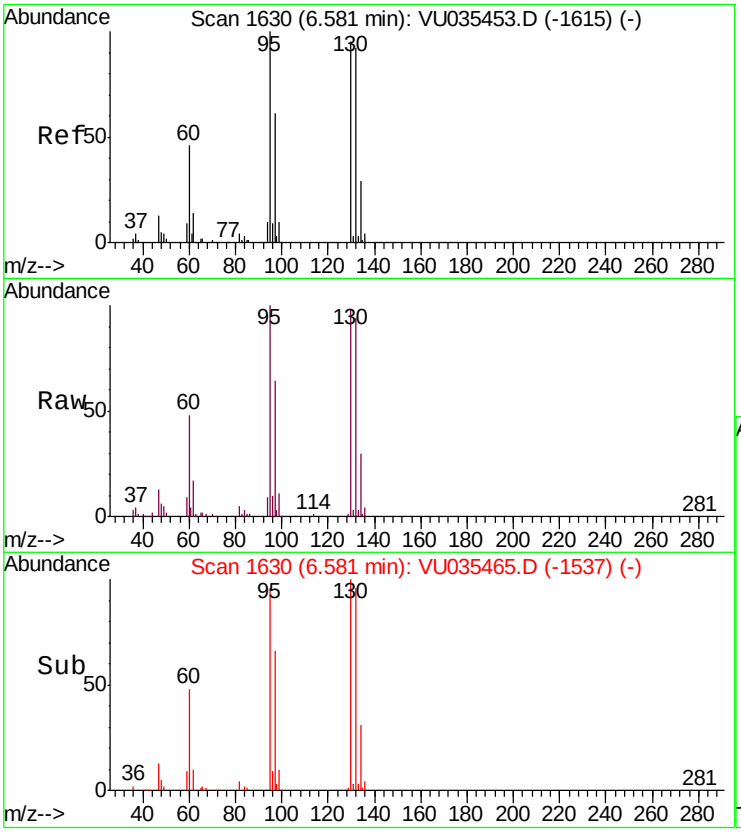


#25
Chloroform
Concen: 0.380 ug/L
RT: 5.14 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Tgt Ion: 83 Resp: 11200

Ion	Ratio	Lower	Upper
83	100		
85	61.9	45.1	83.9



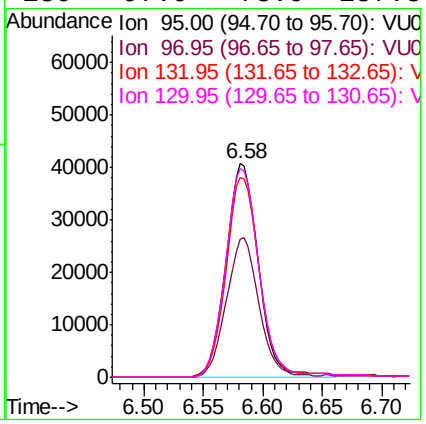


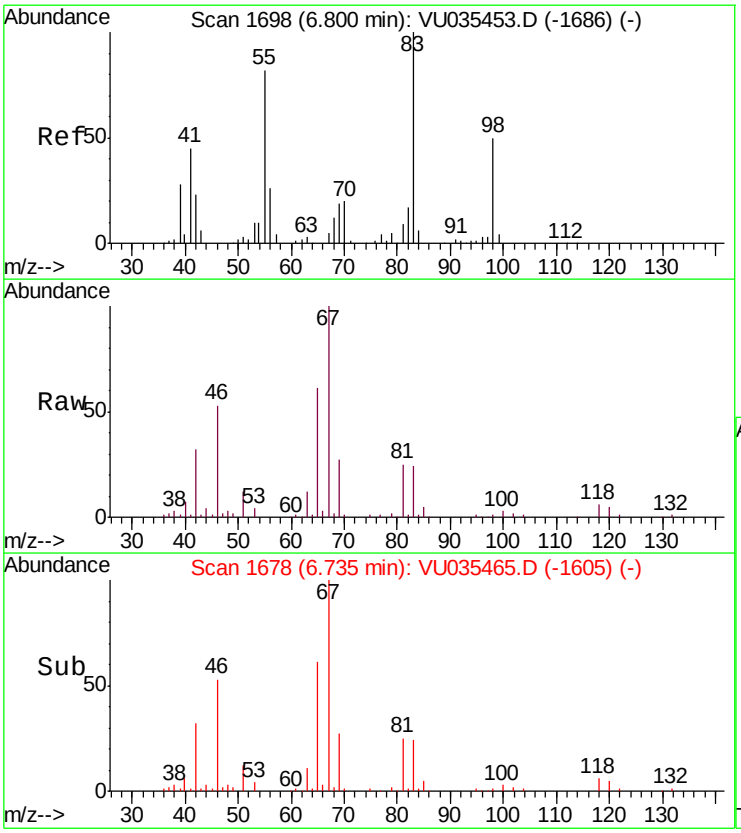
#34
Trichloroethene
Concen: 4.385 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Instrument : MSVOA_U
ClientSampleId : H0FZ1DL

Tgt Ion: 95 Resp: 77480

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.6	86.6
132	93.7	68.7	127.7
130	97.9	73.9	137.3

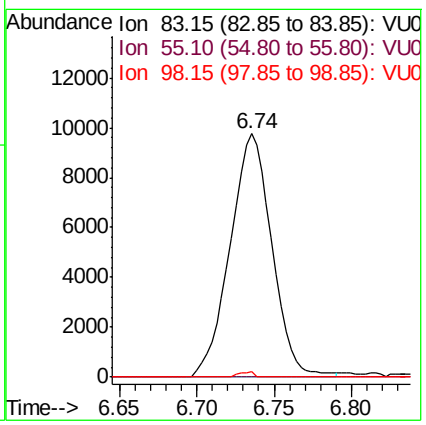


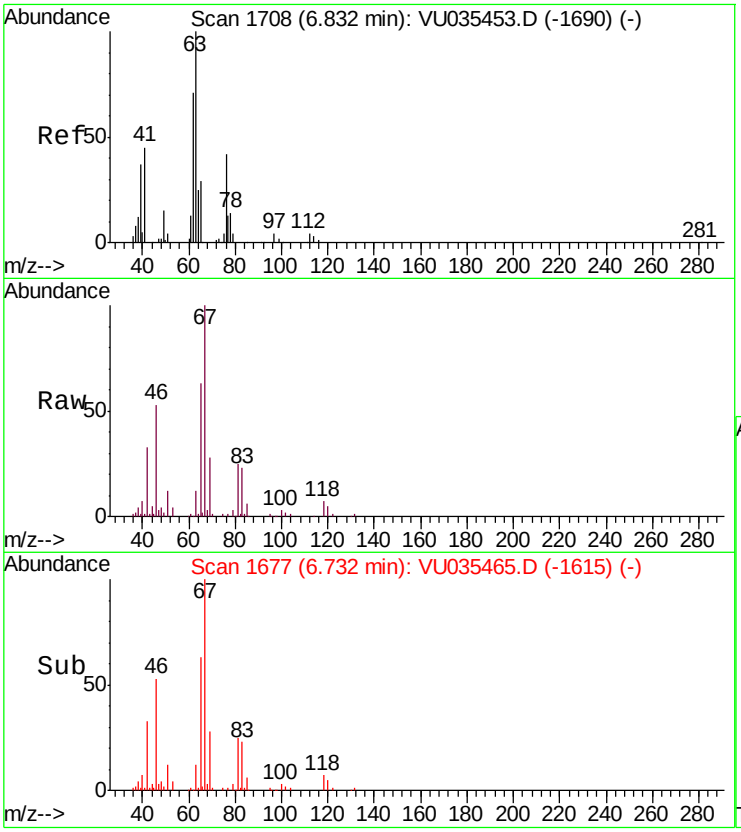


#35
Methylcyclohexane
Concen: 0.621 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Tgt Ion: 83 Resp: 18324

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	0.7	39.5	59.3#



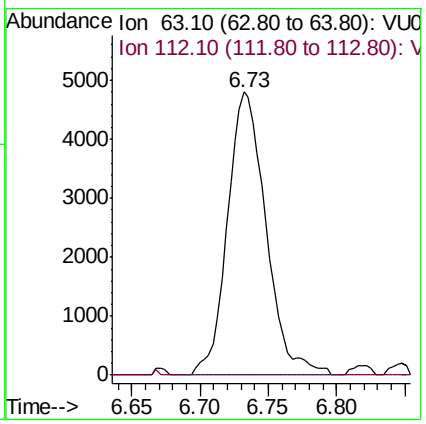


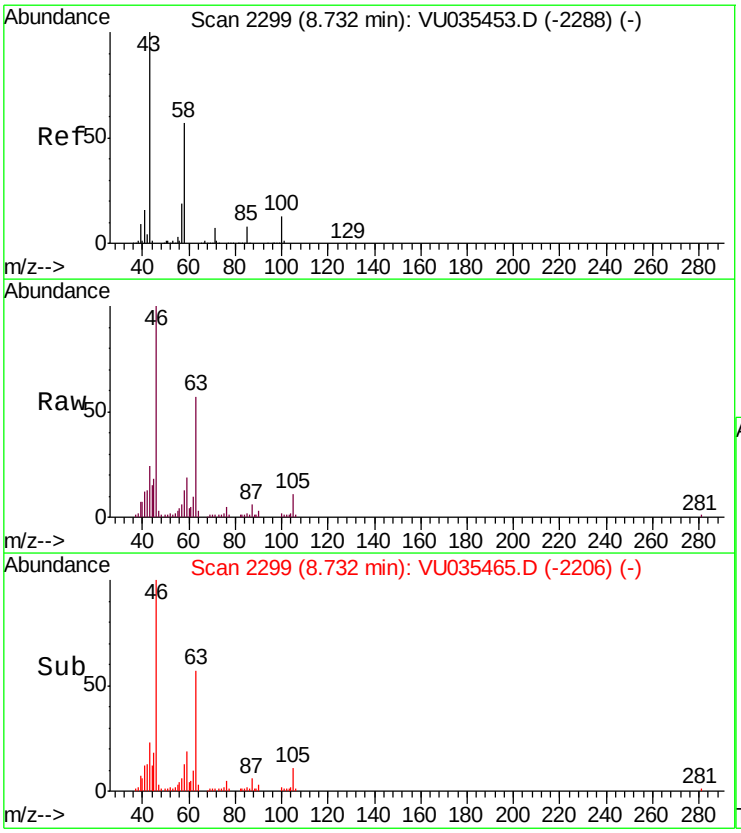
#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Instrument : MSVOA_U
ClientSampleId : H0FZ1DL

Tgt Ion: 63 Resp: 9435

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.7	5.5#

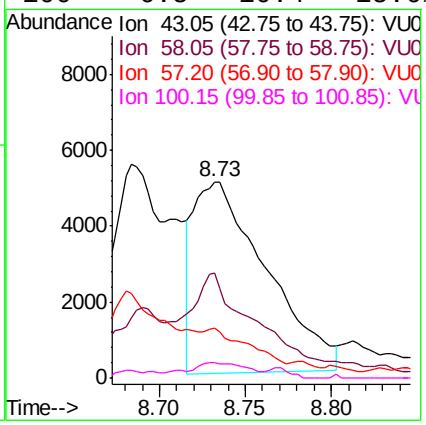


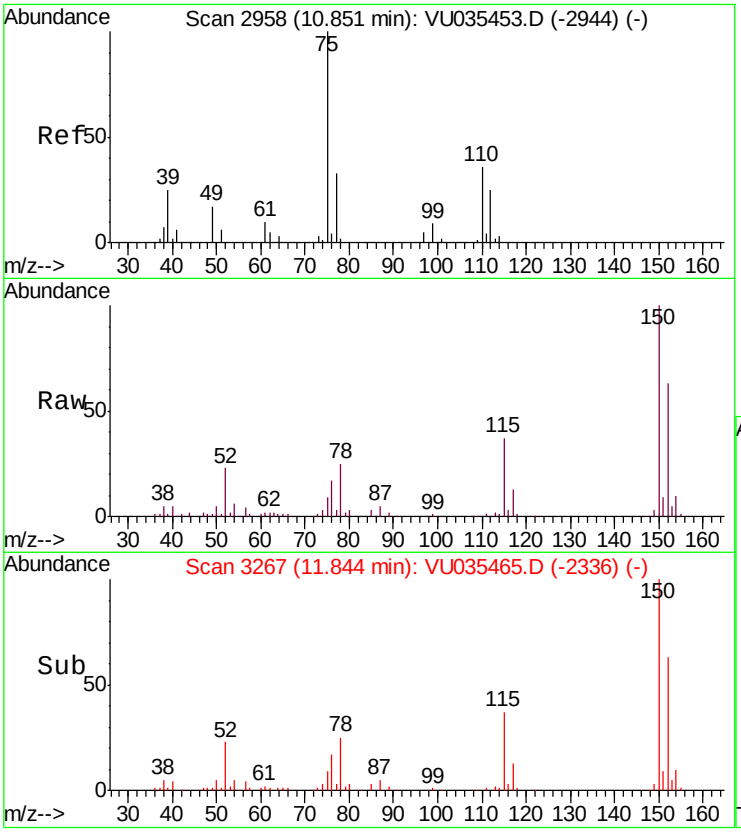


#48
2-Hexanone
Concen: 1.874 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Tgt Ion: 43 Resp: 14798

Ion	Ratio	Lower	Upper
43	100		
58	51.0	45.1	67.7
57	0.0	16.0	24.0#
100	6.5	10.4	15.6#





#59
1,2,3-Trichloropropane
Concen: 0.742 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035465.D
Acq: 24 Oct 2019 17:44

Instrument :
MSVOA_U
ClientSampleId :
H0FZ1DL

Tgt Ion: 75 Resp: 8630

Ion	Ratio	Lower	Upper
75	100		
77	36.1	26.2	39.2