Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
Data File : VU025447.D
Acq On : 17 Jul 2018 00:37
Operator : MD/SY
Sample : J3984-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB189

Quant Time: Jul 17 03:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 17 02:54:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	329114	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314784	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	161501	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	79690	45.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.06%			
7) Chloroethane-d5	1.68	69	65200	44.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.74%			
11) 1,1-Dichloroethene-d2	2.27	63	140634	36.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.54%			
21) 2-Butanone-d5	4.20	46	184414	103.13	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.13%			
24) Chloroform-d	4.65	84	150273	35.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 71.58%			
26) 1,2-Dichloroethane-d4	5.31	65	130788	45.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.30%			
32) Benzene-d6	5.35	84	358902	45.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.76%			
36) 1,2-Dichloropropane-d6	6.33	67	117973	46.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.22%			
41) Toluene-d8	7.57	98	342657	44.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.18%			
43) trans-1,3-Dichloropropene-	7.85	79	48242	37.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.34%			
47) 2-Hexanone-d5	8.31	63	133642	97.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.93%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	178449	45.43	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.86%			
64) 1,2-Dichlorobenzene-d4	11.86	152	148523	44.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.02%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	4354	1.413	ug/L	95
5) Vinyl chloride	1.40	62	173129	68.896	ug/L	99
12) 1,1-Dichloroethene	2.28	96	23540	12.187	ug/L #	12
13) Acetone	2.32	43	489871	260.246	ug/L	99
14) Carbon disulfide	2.49	76	19677	3.240	ug/L	96
15) Methyl Acetate	2.62	43	2055261	734.512	ug/L	99
17) trans-1,2-Dichloroethene	3.00	96	538139	250.057	ug/L	99
20) cis-1,2-Dichloroethene	4.24	96	22573210	8938.562	ug/L #	73
22) 2-Butanone	4.27	43	610454	269.280	ug/L	98
34) Trichloroethene	6.19	95	452970	184.737	ug/L	100
42) Toluene	7.64	91	13580	1.376	ug/L	89
46) Tetrachloroethene	8.23	164	2305638	1134.638	ug/L	100
48) 2-Hexanone	8.36	43	21636	6.393	ug/L	95
49) Dibromochloromethane	8.23	129	2141227	822.336	ug/L #	11

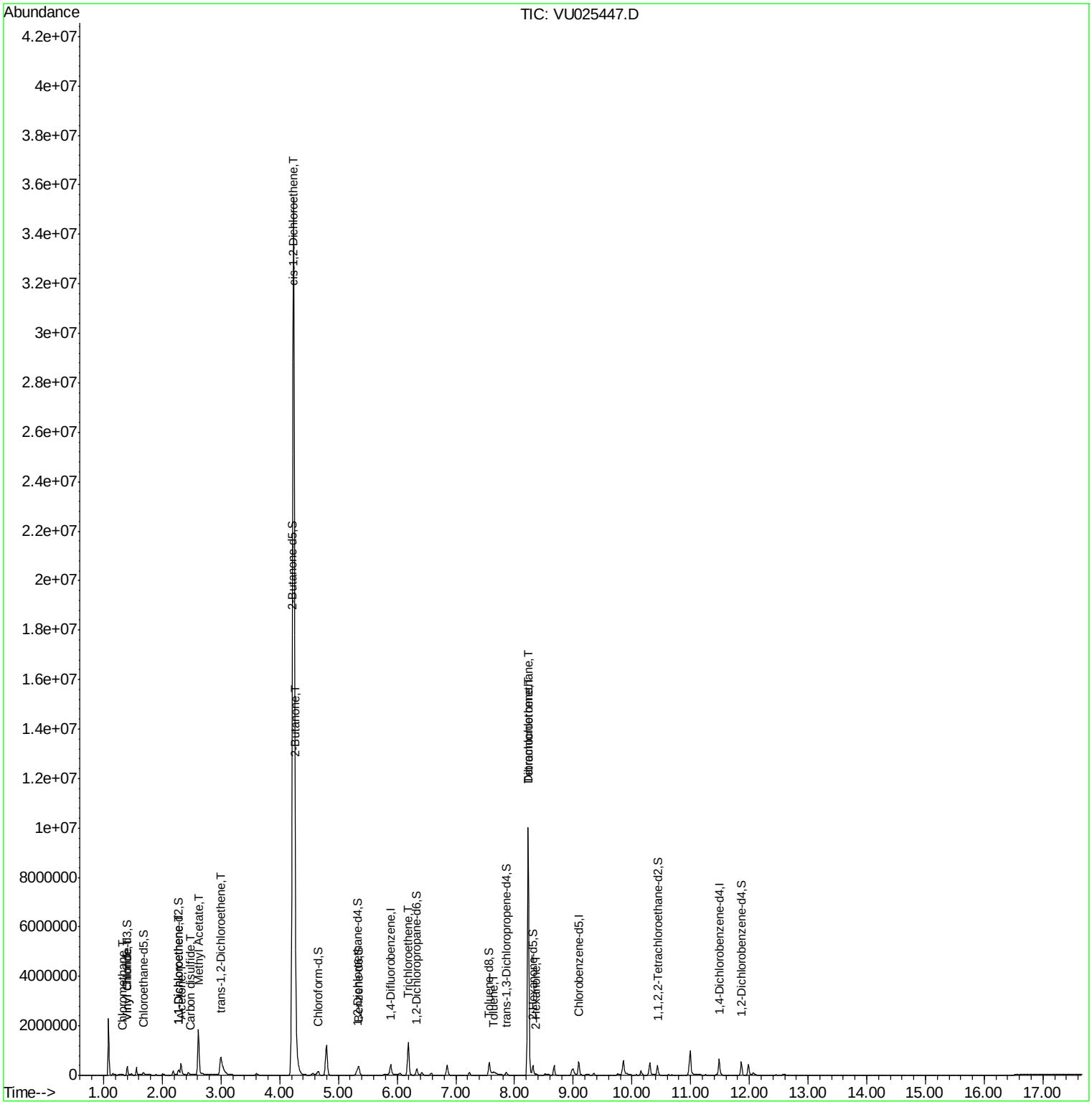
(#) = qualifier out of range (m) = manual integration (+) = signals summed

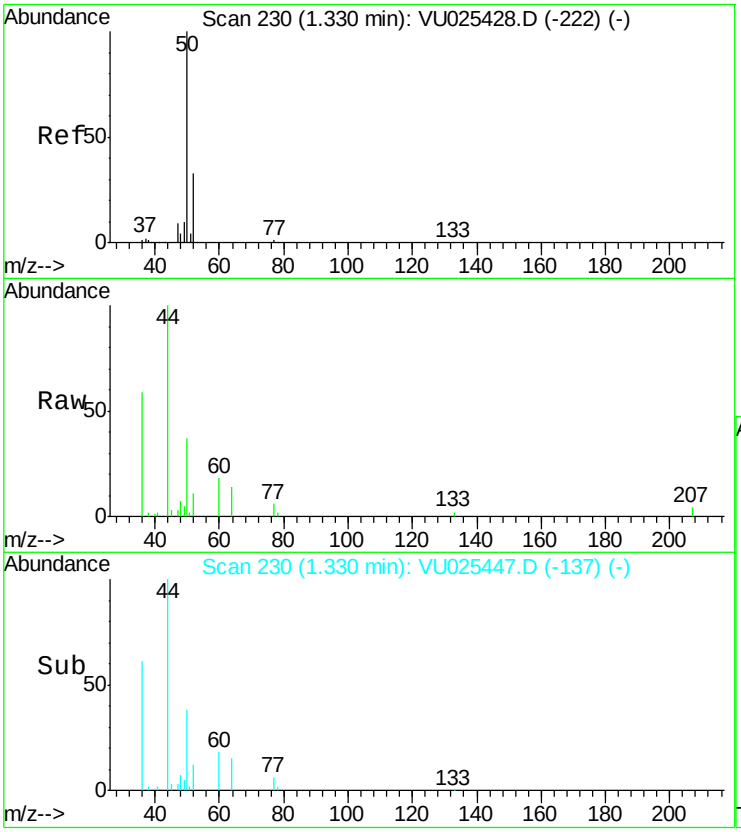
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
Data File : VU025447.D
Acq On : 17 Jul 2018 00:37
Operator : MD/SY
Sample : J3984-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB189

Quant Time: Jul 17 03:57:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 17 02:54:19 2018
Response via : Initial Calibration



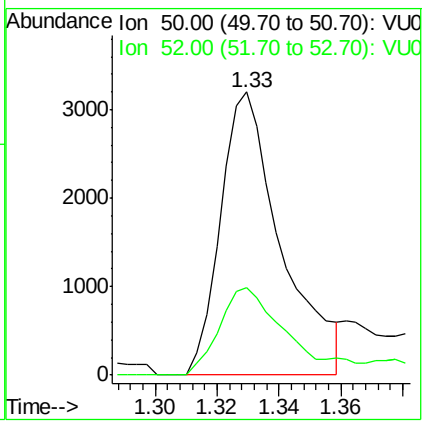


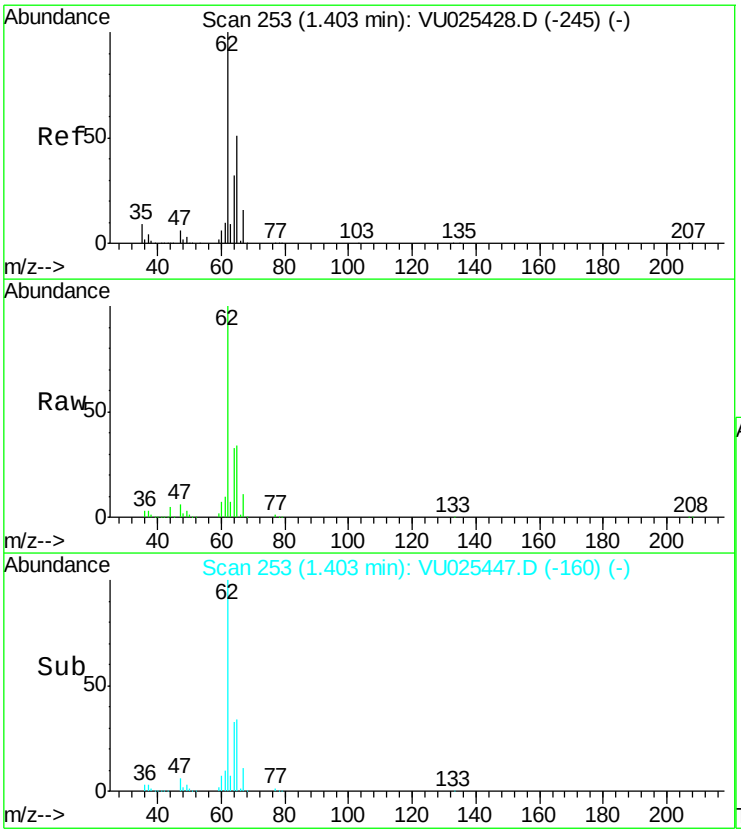
#3
Chloromethane
Concen: 1.413 ug/L
RT: 1.33 min Scan# 230
Delta R.T. 0.00 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Instrument :
MSVOA_U
ClientSampleId :
DB189

Tgt Ion: 50 Resp: 4354

Ion	Ratio	Lower	Upper
50	100		
52	30.9	23.5	43.7

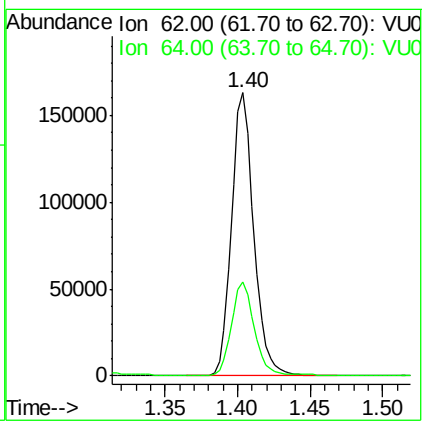


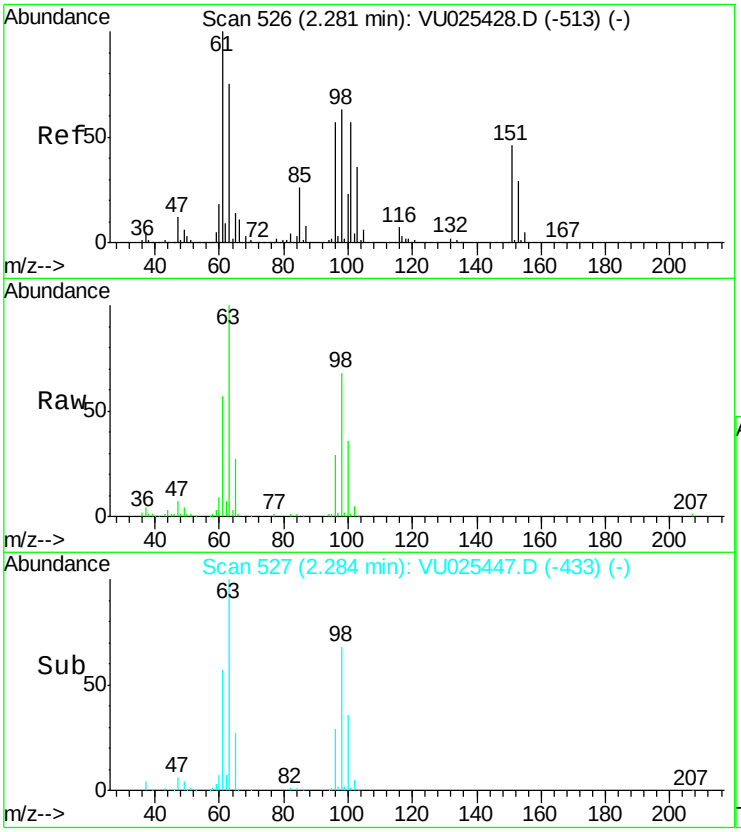


#5
Vinyl chloride
Concen: 68.896 ug/L
RT: 1.40 min Scan# 253
Delta R.T. 0.00 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Tgt Ion: 62 Resp: 173129

Ion	Ratio	Lower	Upper
62	100		
64	33.0	22.6	42.0



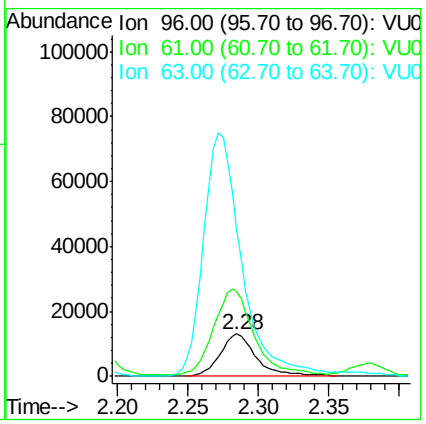


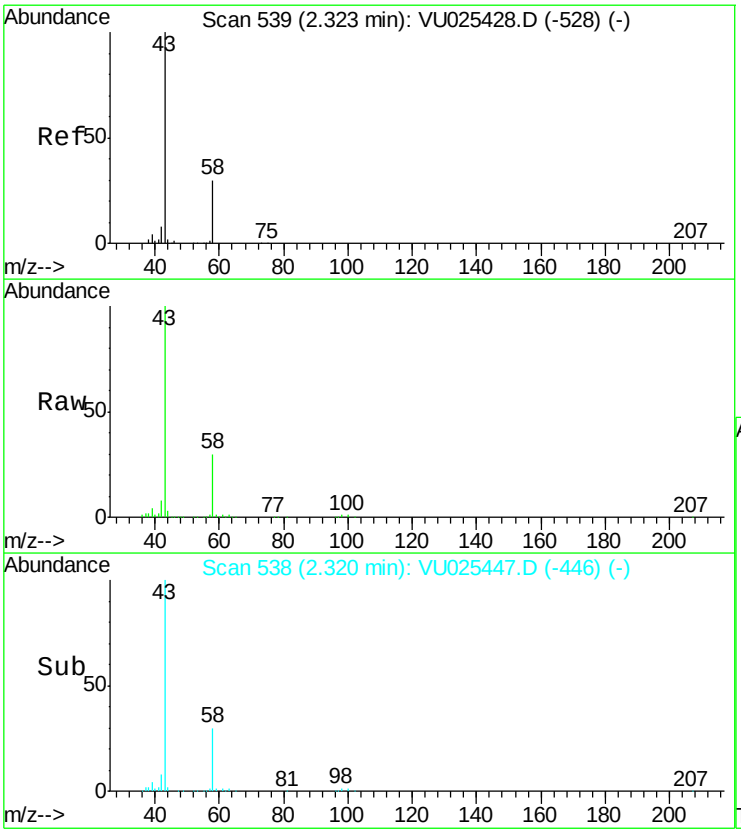
#12
1,1-Dichloroethene
Concen: 12.187 ug/L
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Instrument : MSVOA_U
ClientSampleId : DB189

Tgt Ion: 96 Resp: 23540

Ion	Ratio	Lower	Upper
96	100		
61	200.1	125.9	233.9
63	349.3	90.4	167.8#

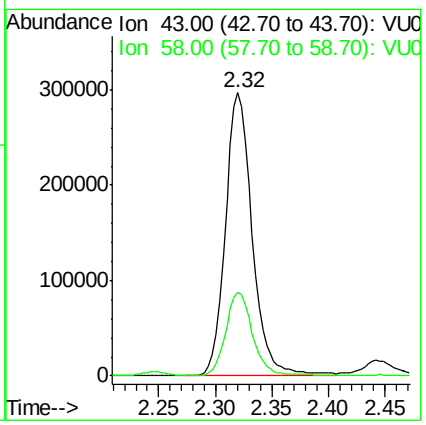


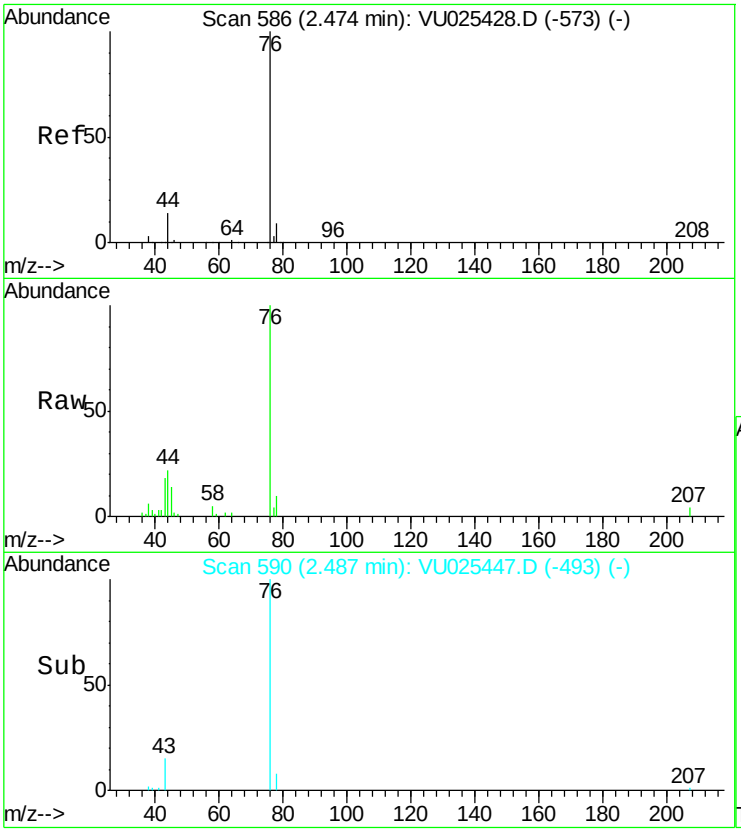


#13
Acetone
Concen: 260.246 ug/L
RT: 2.32 min Scan# 538
Delta R.T. -0.00 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Tgt Ion: 43 Resp: 489871

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	58.4



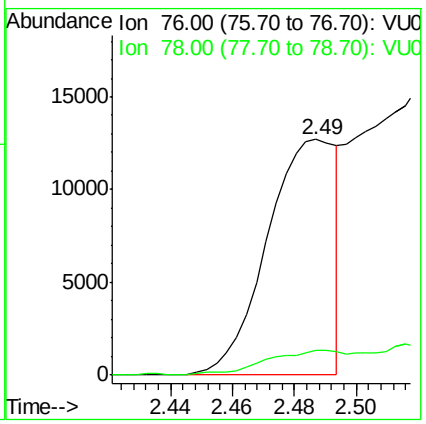


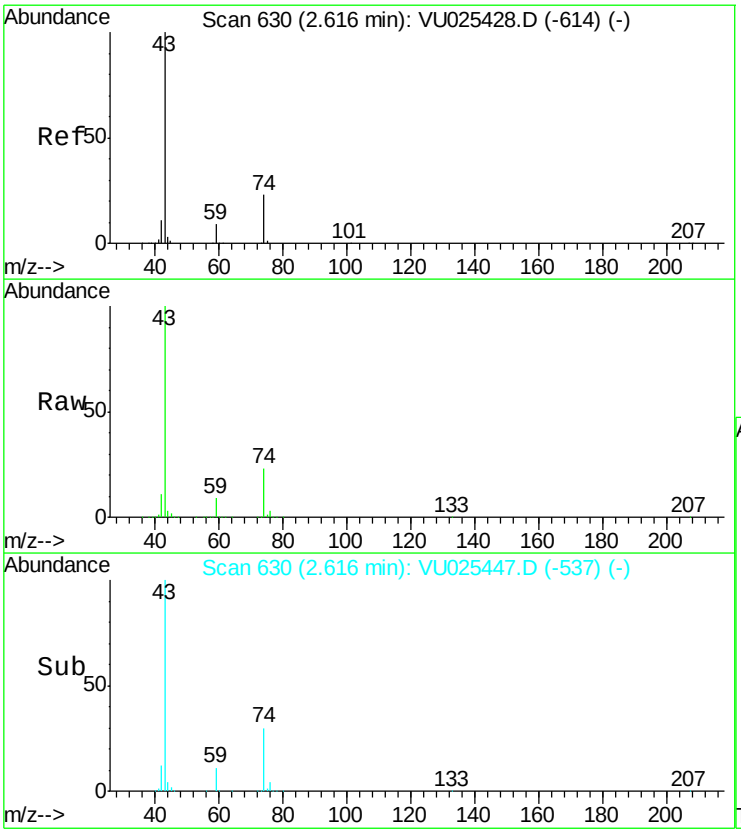
#14
Carbon disulfide
Concen: 3.240 ug/L
RT: 2.49 min Scan# 590
Delta R.T. 0.01 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Instrument : MSVOA_U
ClientSampleId : DB189

Tgt Ion: 76 Resp: 19677

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.2	10.8

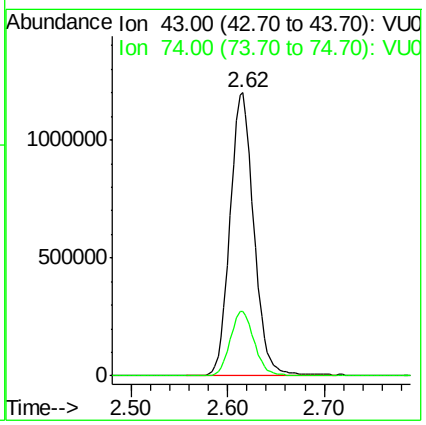


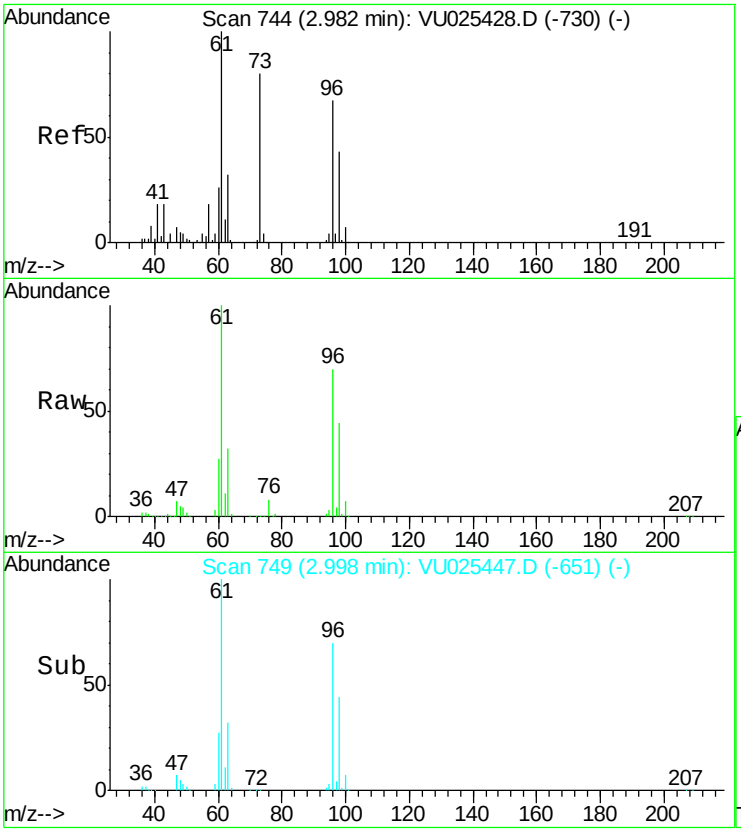


#15
Methyl Acetate
Concen: 734.512 ug/L
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Tgt Ion: 43 Resp: 2055261

Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.8	28.2



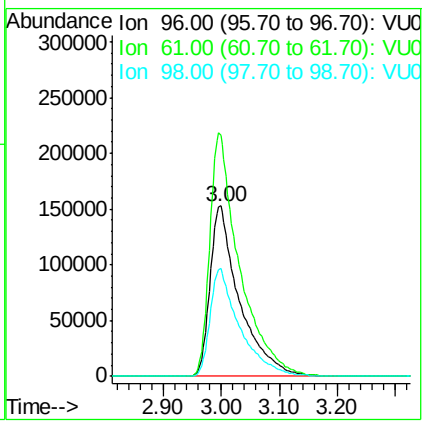


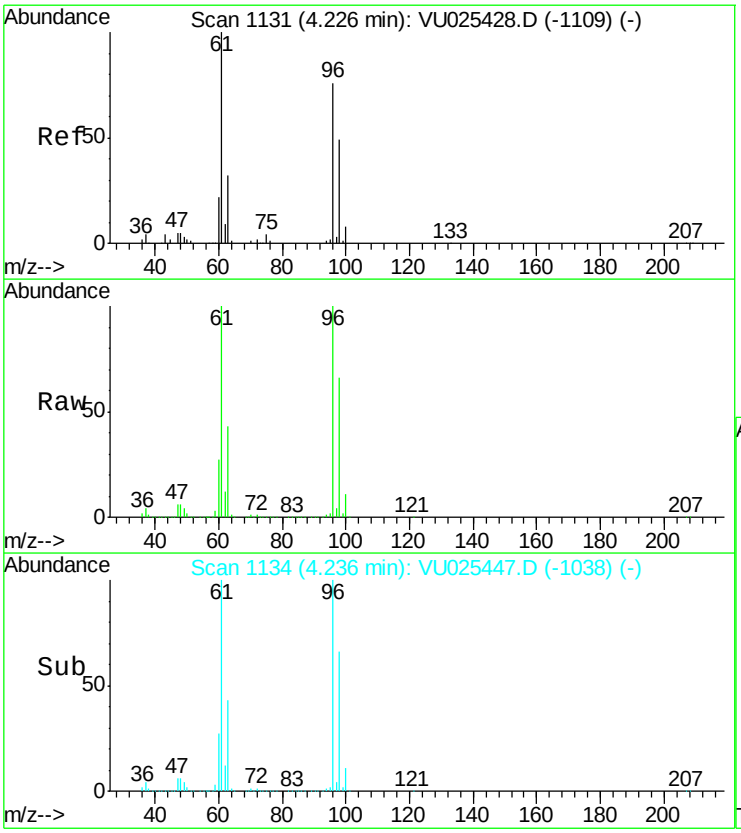
#17
trans-1,2-Dichloroethene
Concen: 250.057 ug/L
RT: 3.00 min Scan# 749
Delta R.T. 0.02 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Instrument :
MSVOA_U
ClientSampleId :
DB189

Tgt Ion: 96 Resp: 538139

Ion	Ratio	Lower	Upper
96	100		
61	141.9	98.2	182.4
98	63.1	44.4	82.5

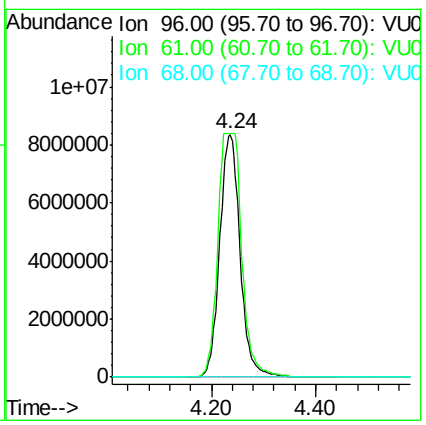


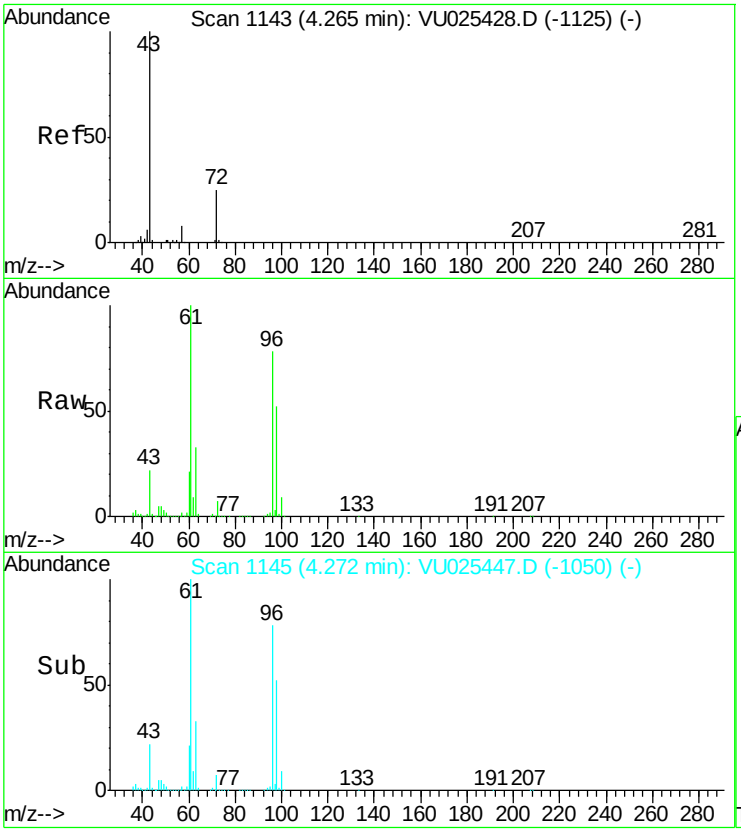


#20
cis-1,2-Dichloroethene
Concen: 8938.562 ug/L
RT: 4.24 min Scan# 1134
Delta R.T. 0.01 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Tgt Ion: 96 Resp:22573210

Ion	Ratio	Lower	Upper
96	100		
61	100.4	92.0	170.9
68	0.0	0.0	0.0#



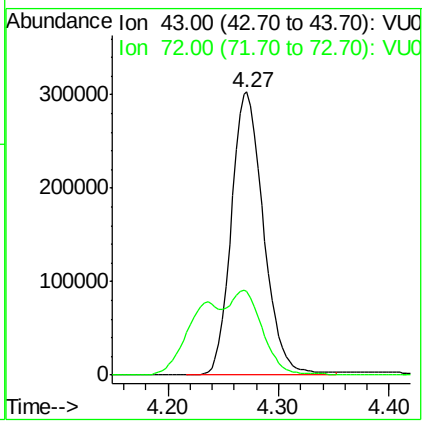


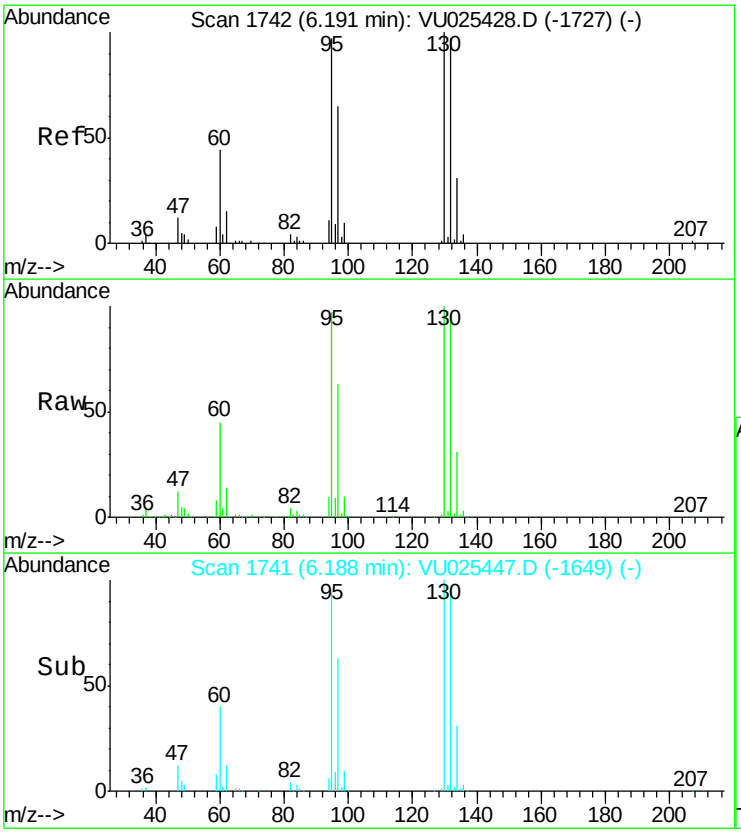
#22
2-Butanone
Concen: 269.280 ug/L
RT: 4.27 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Instrument : MSVOA_U
ClientSampleId : DB189

Tgt Ion: 43 Resp: 610454

Ion	Ratio	Lower	Upper
43	100		
72	27.9	13.3	39.9

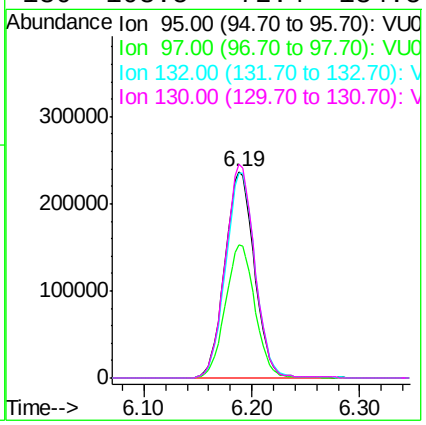


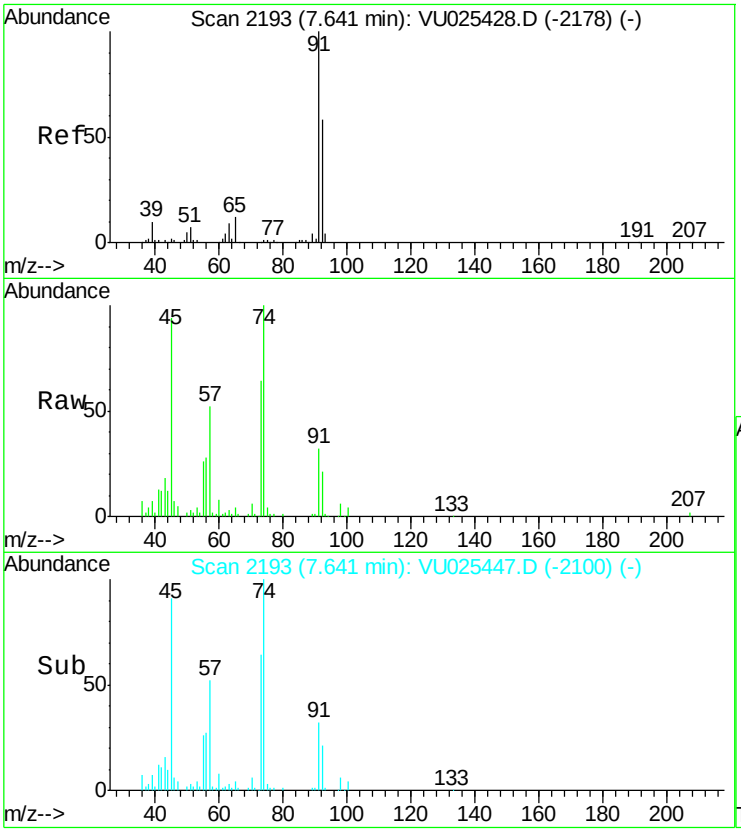


#34
Trichloroethene
Concen: 184.737 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Tgt Ion: 95 Resp: 452970

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.3	82.3
132	99.3	69.6	129.2
130	103.5	72.4	134.5



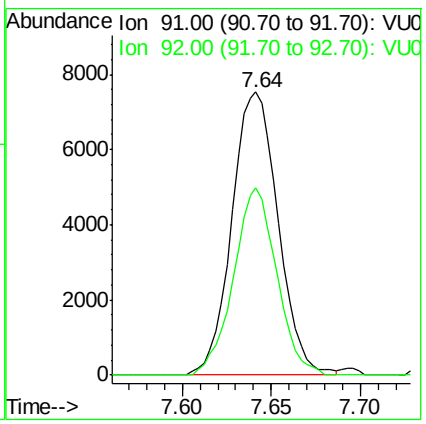


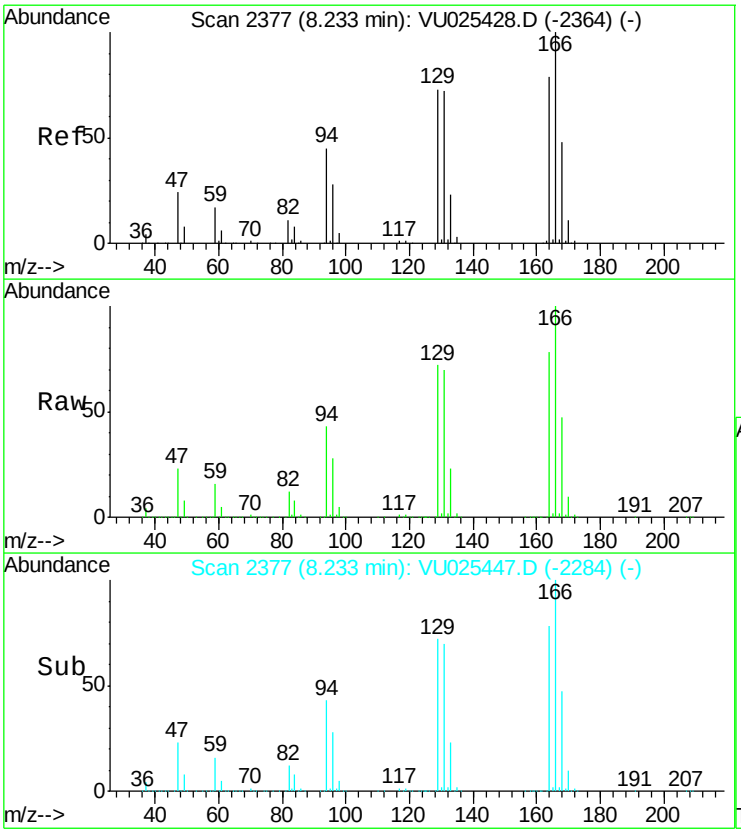
#42
Toluene
Concen: 1.376 ug/L
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Instrument : MSVOA_U
ClientSampleId : DB189

Tgt Ion: 91 Resp: 13580

Ion	Ratio	Lower	Upper
91	100		
92	66.1	40.7	75.5

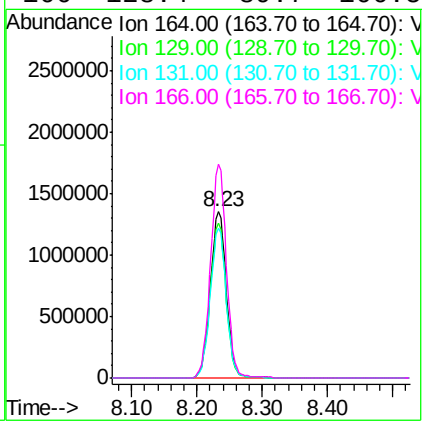


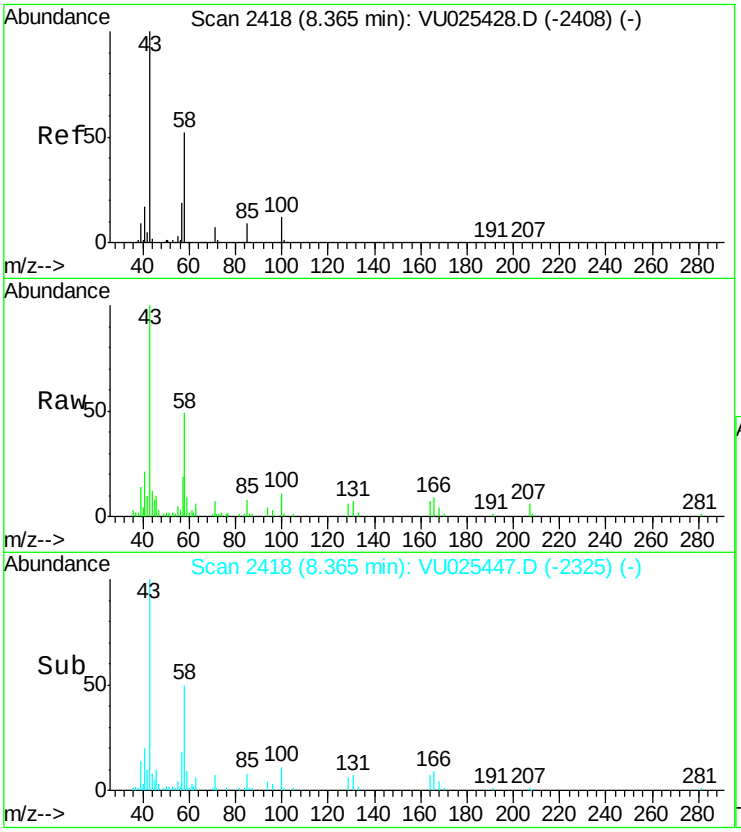


#46
Tetrachloroethene
Concen: 1134.638 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Tgt Ion:164 Resp: 2305638

Ion	Ratio	Lower	Upper
164	100		
129	93.0	64.7	120.1
131	90.4	63.1	117.3
166	128.4	89.7	166.5



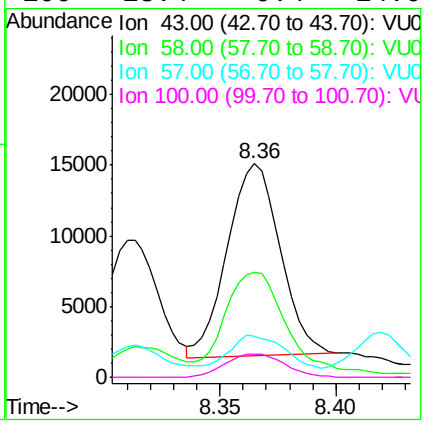


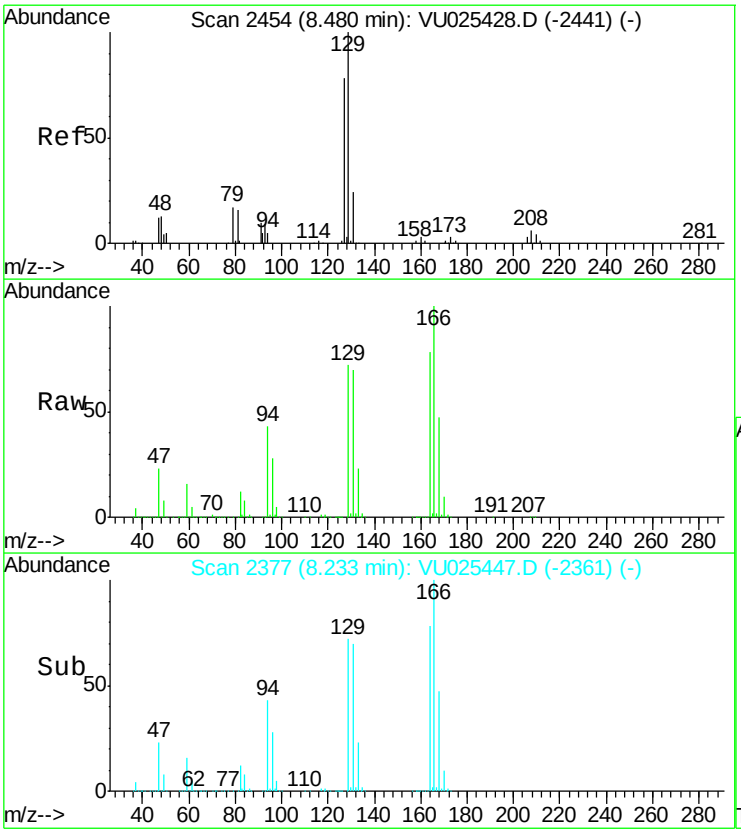
#48
2-Hexanone
Concen: 6.393 ug/L
RT: 8.36 min Scan# 2418
Delta R.T. 0.00 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Instrument :
MSVOA_U
ClientSampleId :
DB189

Tgt Ion: 43 Resp: 21636

Ion	Ratio	Lower	Upper
43	100		
58	57.0	43.0	64.4
57	16.8	15.8	23.6
100	13.4	9.4	14.0





#49
Dibromochloromethane
Concen: 822.336 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.25 min
Lab File: VU025447.D
Acq: 17 Jul 2018 00:37

Tgt Ion:129 Resp: 2141227

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.4	101.0#