Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035375.D
Acq On : 22 Oct 2019 20:03
Operator : JC/SP
Sample : K5458-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:06:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	246567	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	251178	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	83002	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	92350	6.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 122.80%			
7) Chloroethane-d5	1.93	69	85230	6.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 124.00%			
11) 1,1-Dichloroethene-d2	2.59	63	119910	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.20%			
20) 2-Butanone-d5	4.71	46	230596	53.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.74%			
24) Chloroform-d	5.11	84	151921	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
26) 1,2-Dichloroethane-d4	5.75	65	87639	5.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.20%			
32) Benzene-d6	5.77	84	308084	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.20%			
36) 1,2-Dichloropropane-d6	6.74	67	102548	5.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.40%			
41) Toluene-d8	7.93	98	259652	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.60%			
43) trans-1,3-Dichloropropene-	8.22	79	36501	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.70	63	172466	44.18	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.36%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	86273	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.20%			
64) 1,2-Dichlorobenzene-d4	12.23	152	81181	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			
Target Compounds						Qvalue
3) Chloromethane	1.54	50	3139	0.151	ug/L	96
12) 1,1-Dichloroethene	2.60	96	1206	0.076	ug/L #	1
13) Acetone	2.67	43	5727	1.906	ug/L	77
16) Methylene chloride	3.08	84	1971	0.103	ug/L	89
19) 1,1-Dichloroethane	3.92	63	3338	0.108	ug/L	90
22) cis-1,2-Dichloroethene	4.72	96	6978	0.369	ug/L	98
25) Chloroform	5.14	83	13794	0.407	ug/L	98
31) Carbon tetrachloride	5.57	117	3812	0.144	ug/L	97
34) Trichloroethene	6.58	95	13539	0.681	ug/L	96
35) Methylcyclohexane	6.73	83	24372	0.734	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11458	0.611	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2738	0.087	ug/L #	45
47) Tetrachloroethene	8.58	164	5035	0.304	ug/L	95
48) 2-Hexanone	8.70	43	28139	3.168	ug/L #	59
49) Dibromochloromethane	8.58	129	4610	0.261	ug/L #	11
59) 1,2,3-Trichloropropane	11.85	75	11186	0.856	ug/L	92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102219\
Data File : VU035375.D
Acq On : 22 Oct 2019 20:03
Operator : JC/SP
Sample : K5458-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 23 08:06:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
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\VU102219\
Data File : VU035375.D
Acq On : 22 Oct 2019 20:03
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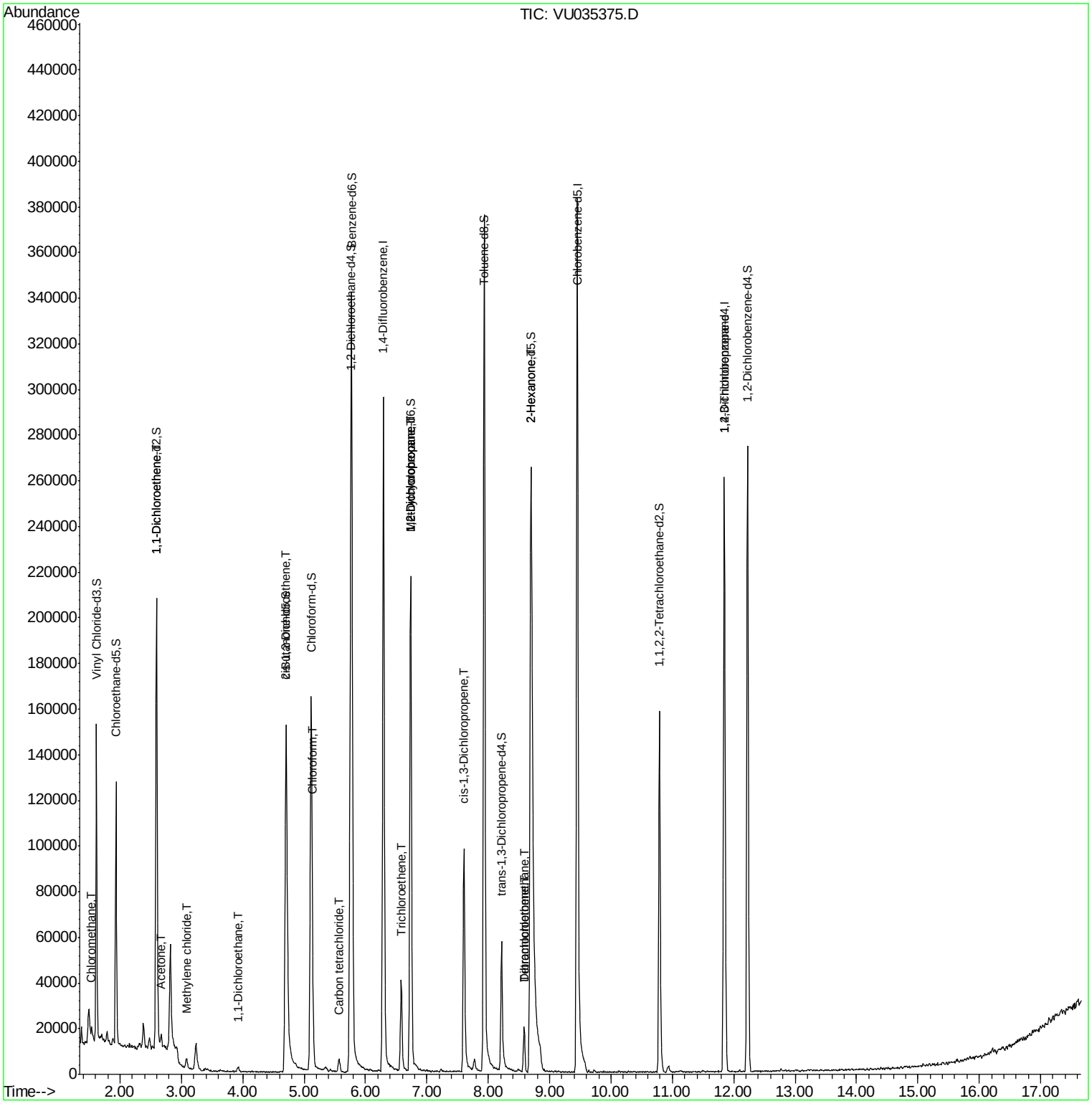
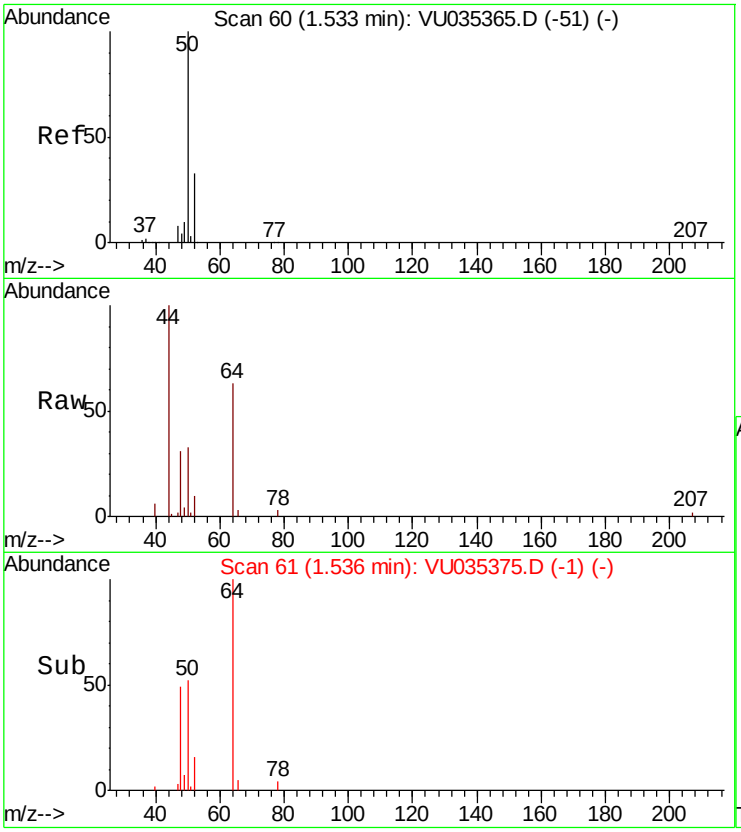
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 08:02:08 2019
Response via : Initial Calibration



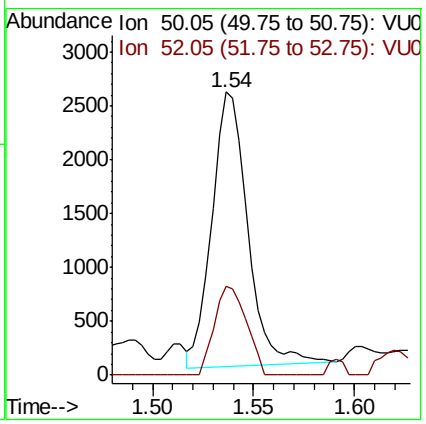


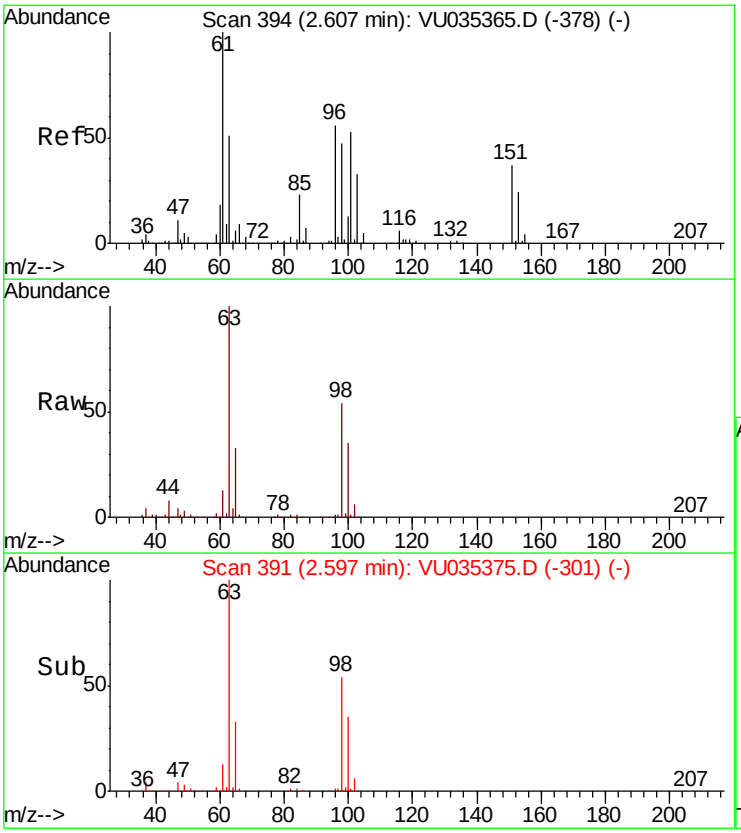
#3
Chloromethane
Concen: 0.151 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 3139

Ion	Ratio	Lower	Upper
50	100		
52	31.5	23.5	43.7

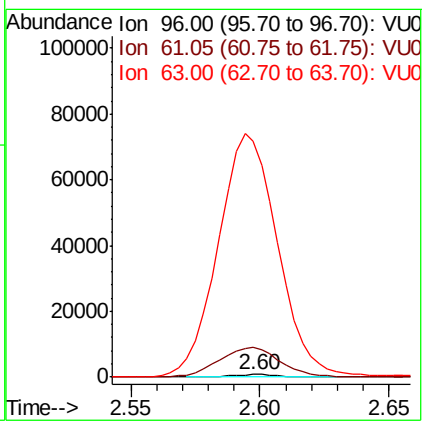


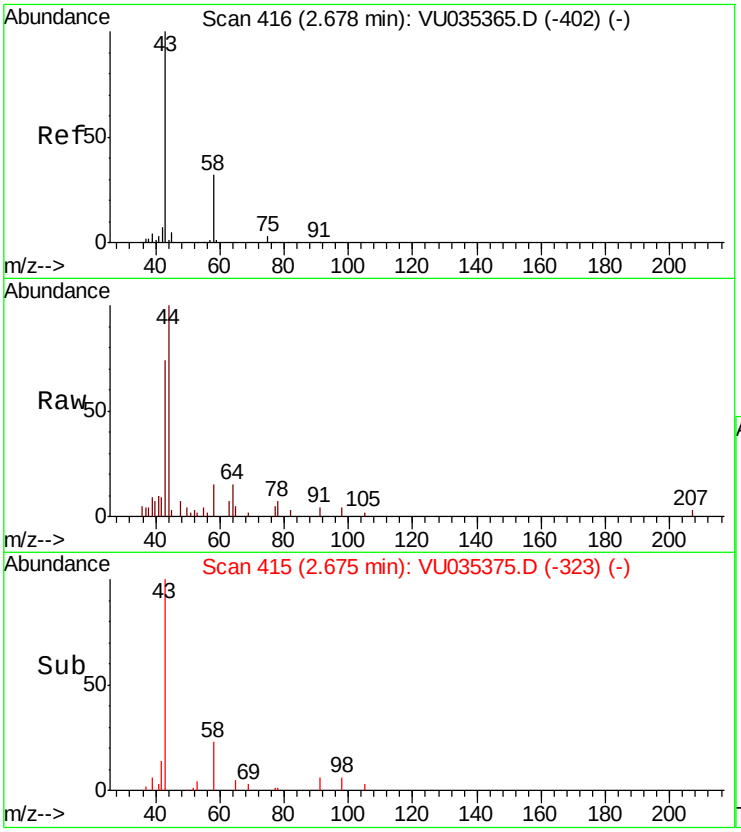


#12
1,1-Dichloroethene
Concen: 0.076 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Tgt Ion: 96 Resp: 1206

Ion	Ratio	Lower	Upper
96	100		
61	1209.7	120.6	224.0#
63	9580.8	86.8	161.2#



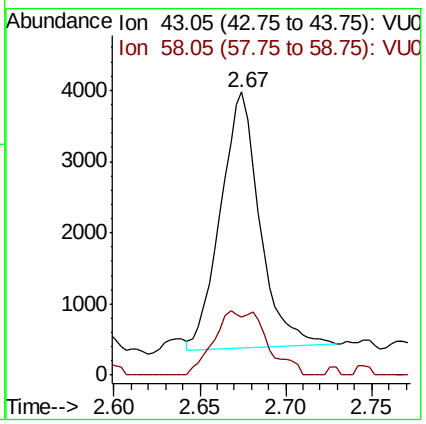


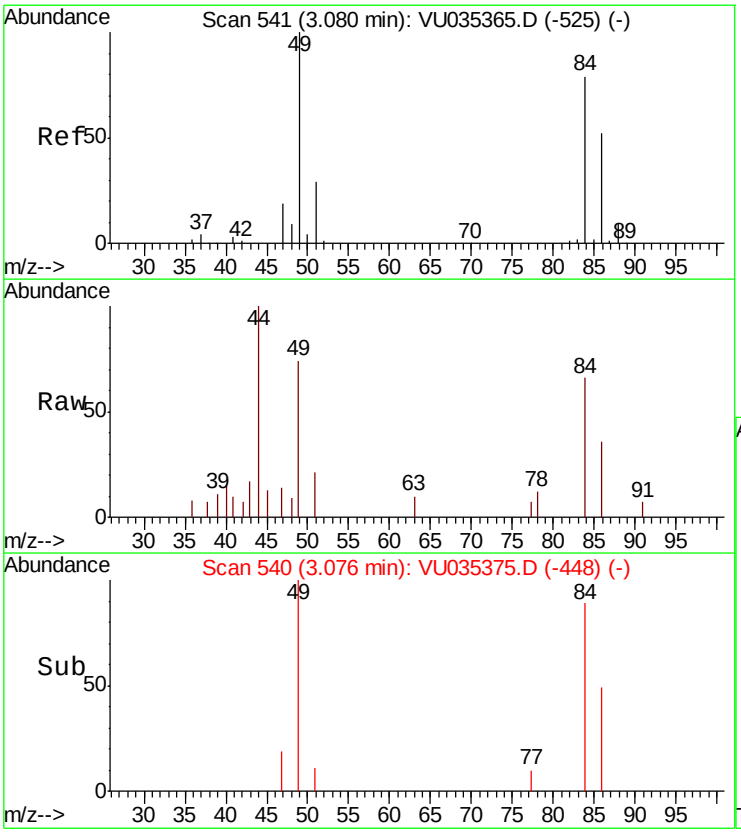
#13
Acetone
Concen: 1.906 ug/L
RT: 2.67 min Scan# 415
Delta R.T. -0.00 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 5727

Ion	Ratio	Lower	Upper
43	100		
58	18.5	0.0	61.8

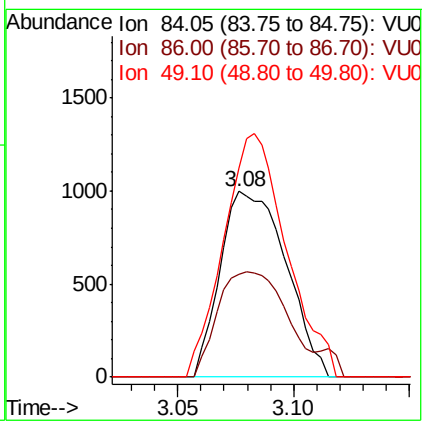


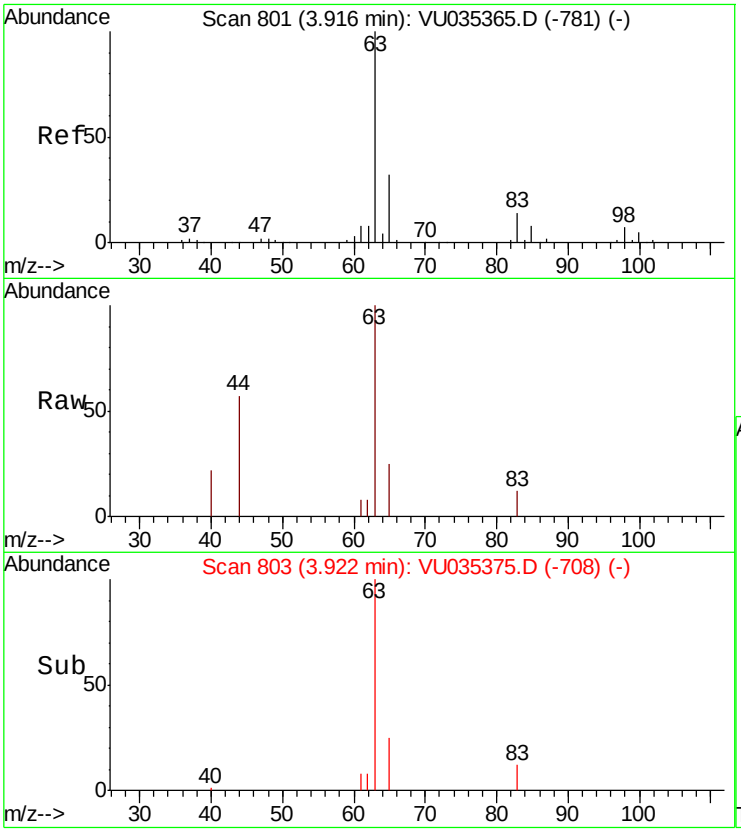


#16
Methylene chloride
Concen: 0.103 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Tgt Ion: 84 Resp: 1971

Ion	Ratio	Lower	Upper
84	100		
86	55.4	45.4	84.2
49	112.4	86.8	161.2



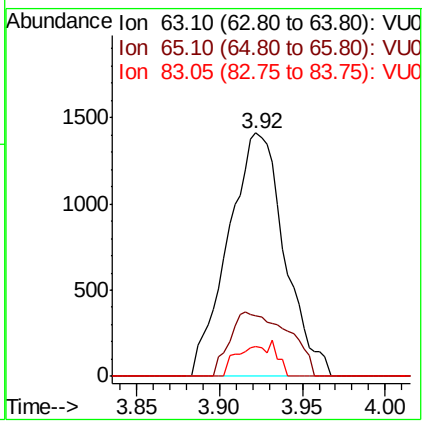


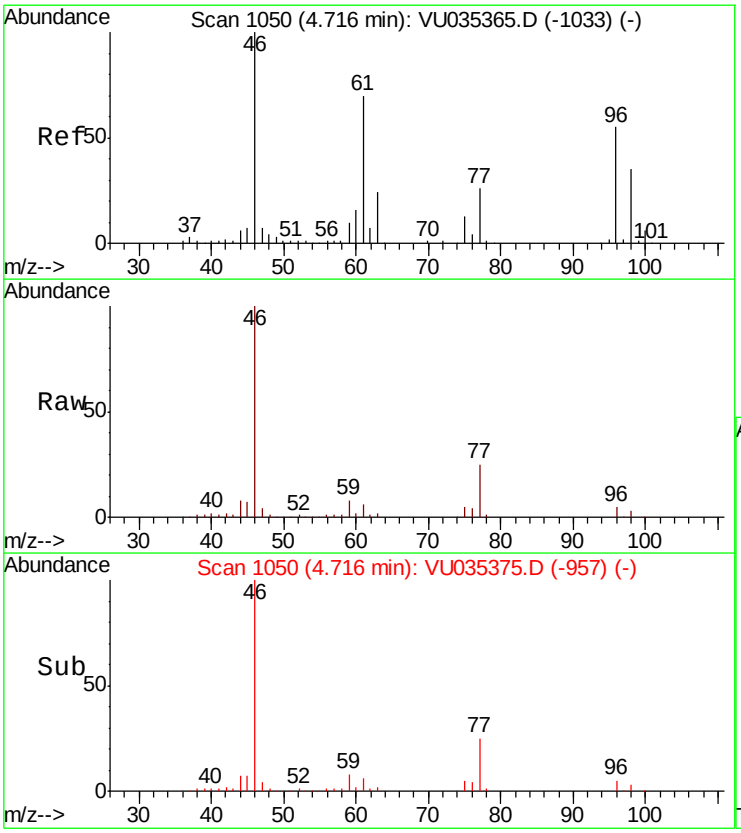
#19
1,1-Dichloroethane
Concen: 0.108 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3338

Ion	Ratio	Lower	Upper
63	100		
65	24.9	22.4	41.6
83	12.4	9.3	17.3

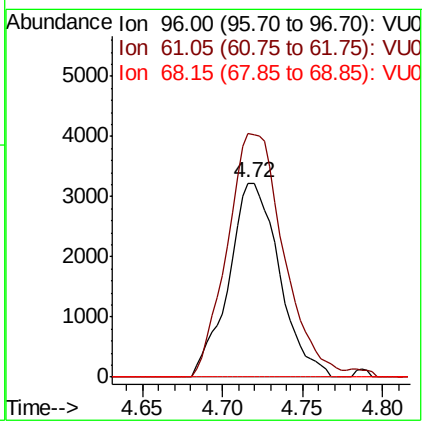


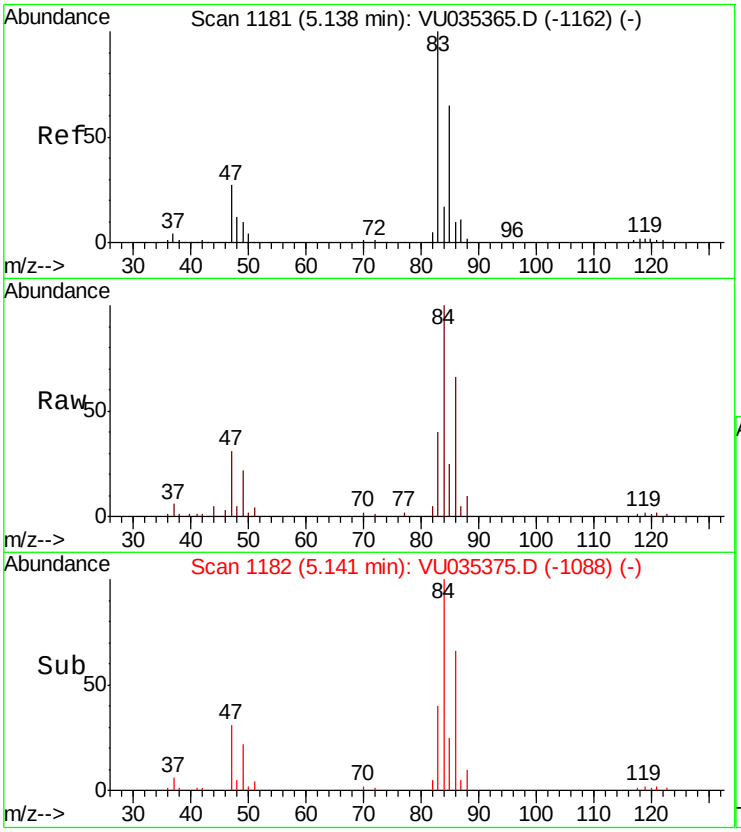


#22
cis-1,2-Dichloroethene
Concen: 0.369 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Tgt Ion: 96 Resp: 6978

Ion	Ratio	Lower	Upper
96	100		
61	125.5	89.7	166.5
68	0.0	0.0	0.0



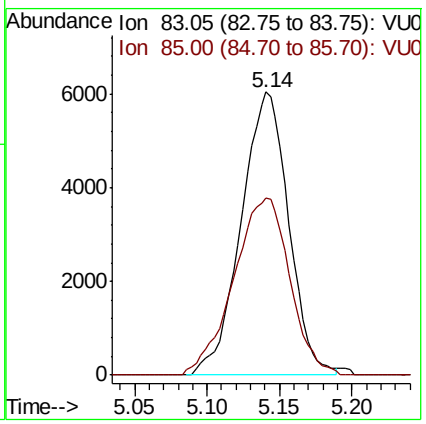


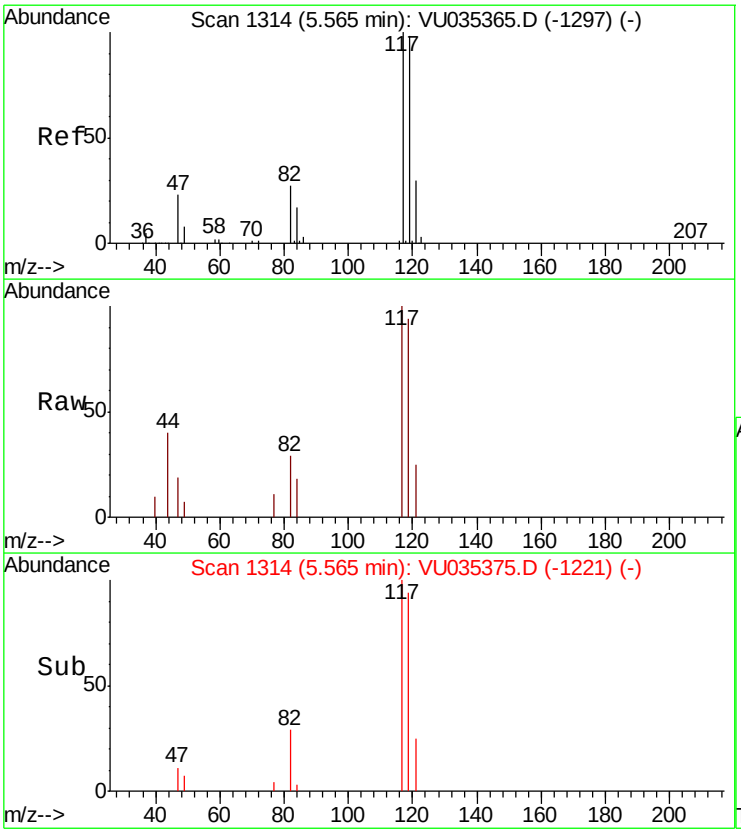
#25
Chloroform
Concen: 0.407 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 13794

Ion	Ratio	Lower	Upper
83	100		
85	62.7	45.1	83.9

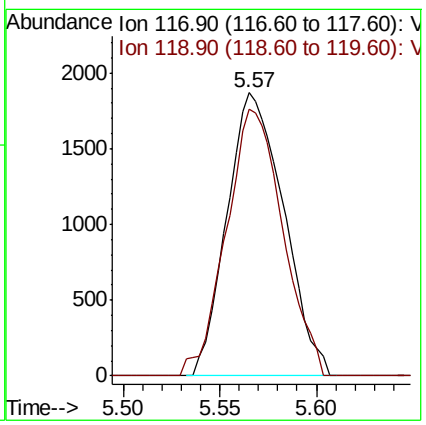


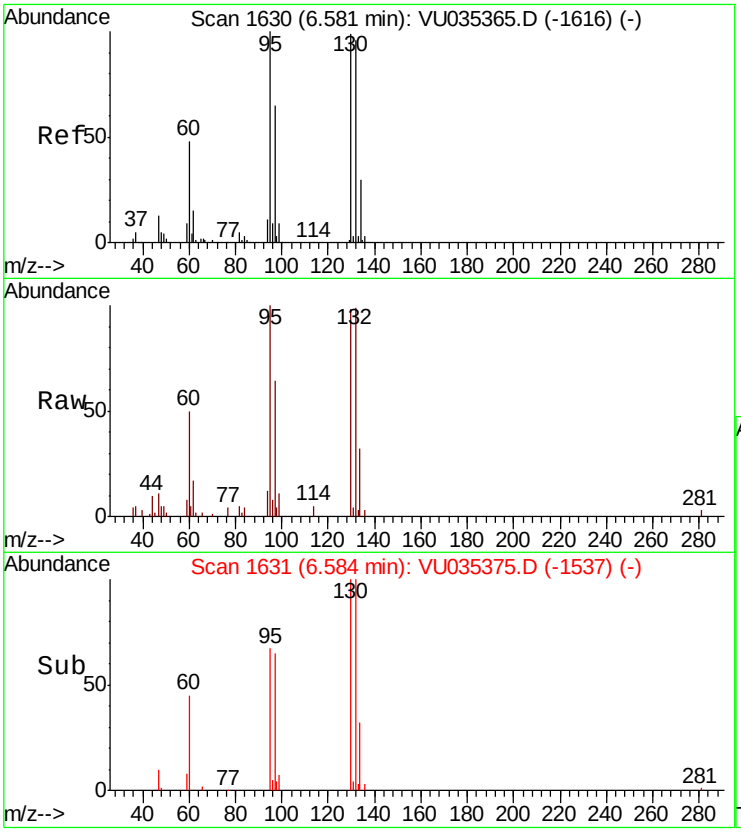


#31
Carbon tetrachloride
Concen: 0.144 ug/L
RT: 5.57 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Tgt Ion:117 Resp: 3812

Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.4	116.0



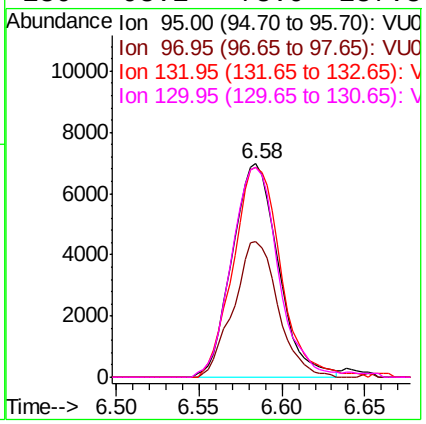


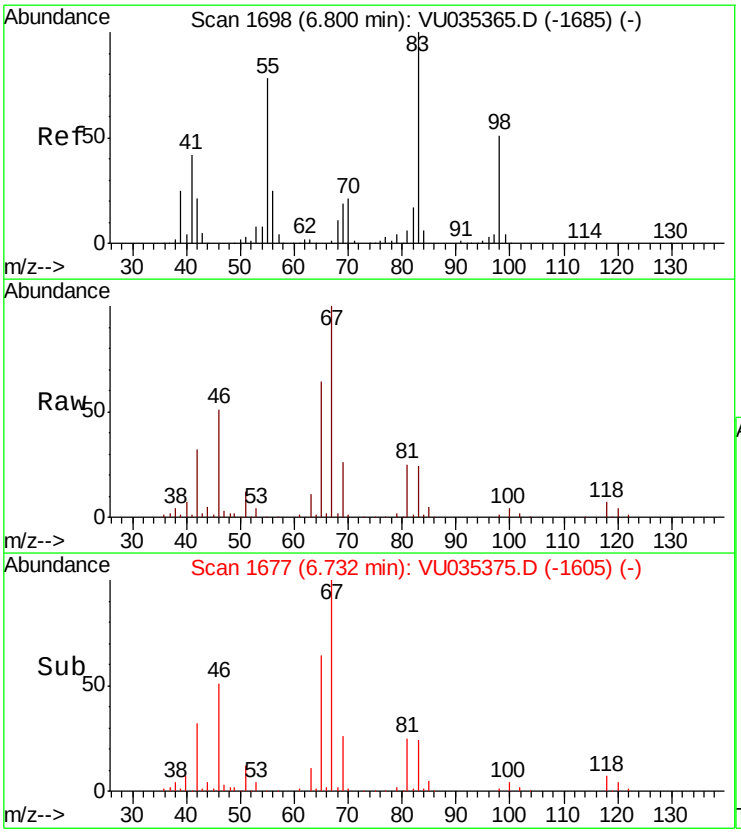
#34
Trichloroethene
Concen: 0.681 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 13539

Ion	Ratio	Lower	Upper
95	100		
97	63.8	46.6	86.6
132	98.6	68.7	127.7
130	98.1	73.9	137.3

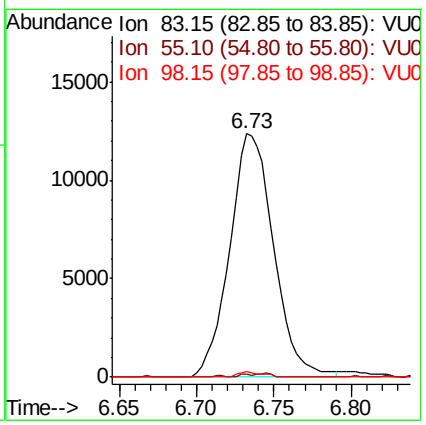


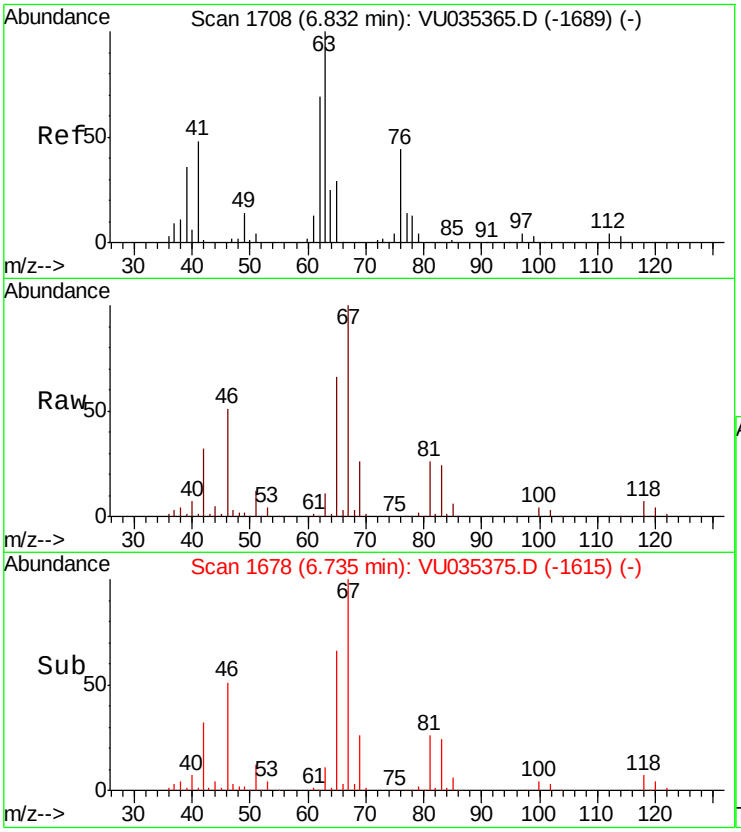


#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Tgt Ion: 83 Resp: 24372

Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.4	90.6#
98	1.2	39.5	59.3#



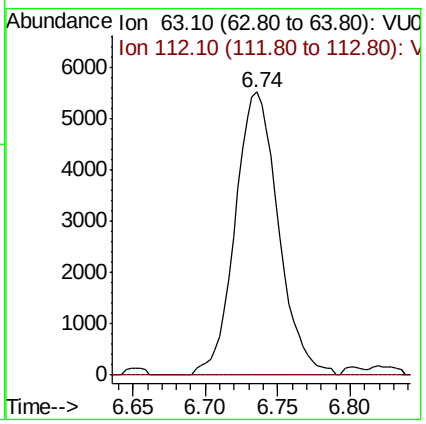


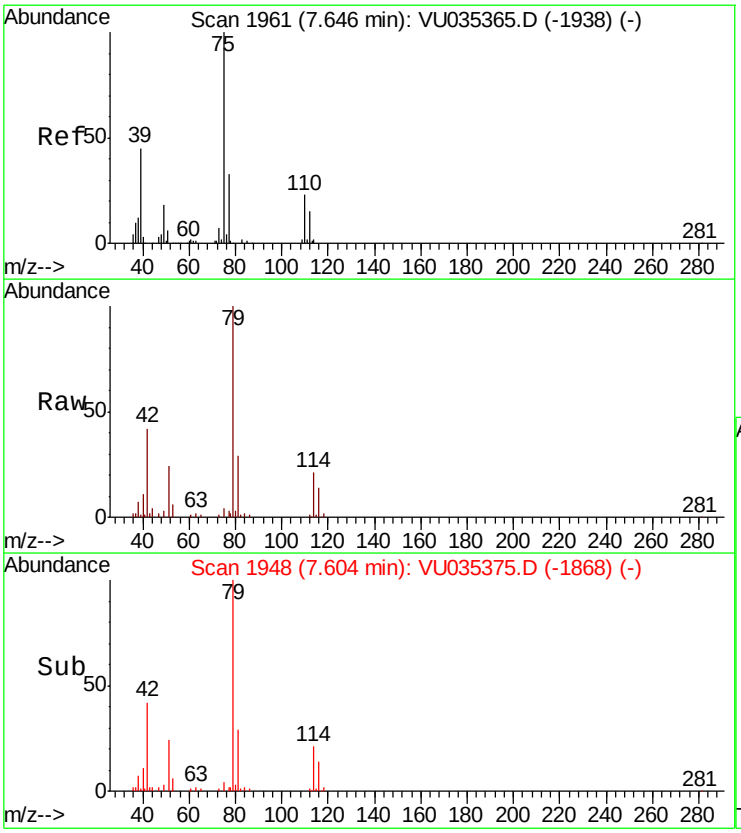
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 11458

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

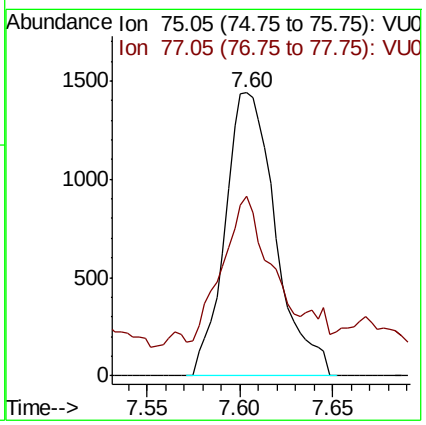


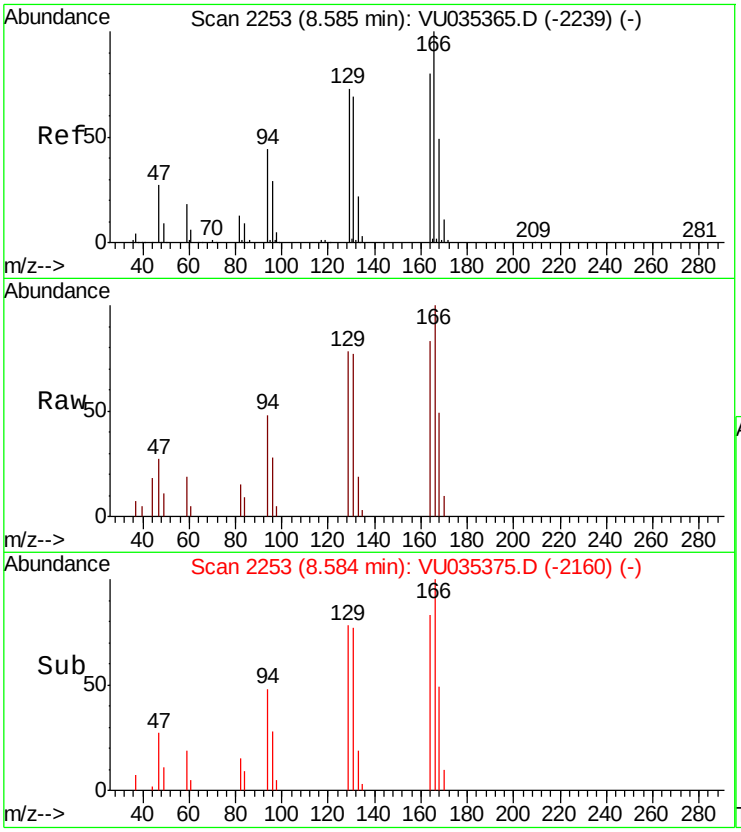


#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Tgt Ion: 75 Resp: 2738

Ion	Ratio	Lower	Upper
75	100		
77	63.4	22.7	42.1#



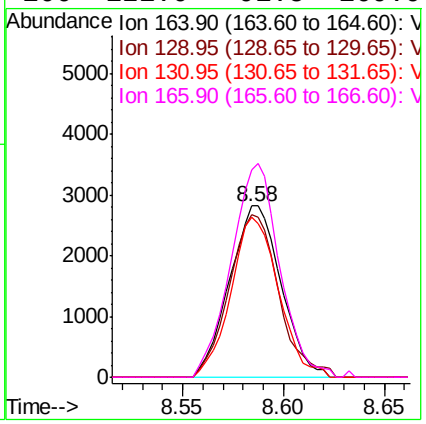


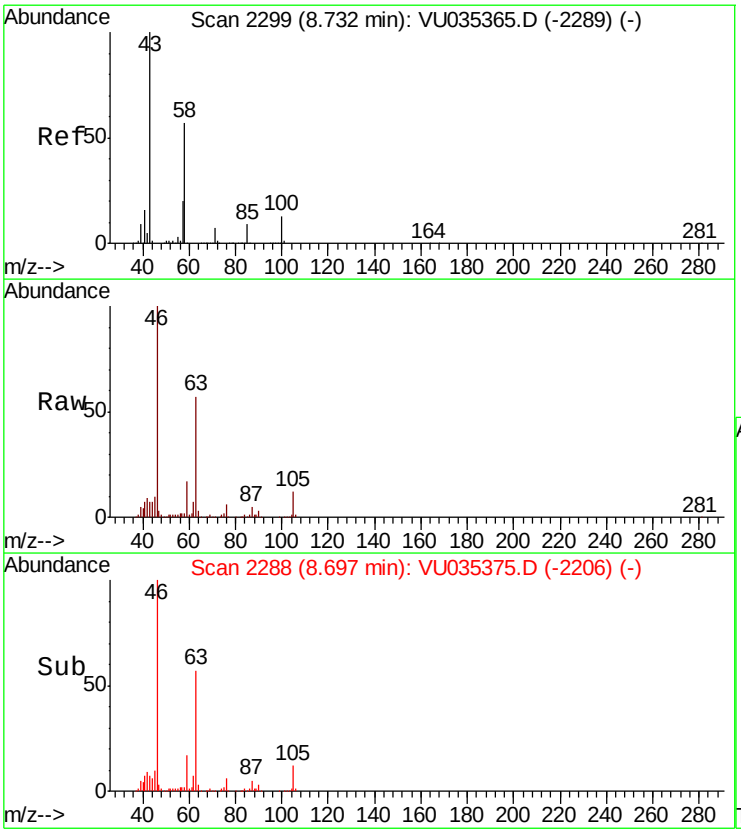
#47
Tetrachloroethene
Concen: 0.304 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 5035

Ion	Ratio	Lower	Upper
164	100		
129	94.8	65.2	121.0
131	93.4	62.9	116.9
166	121.0	91.5	169.9

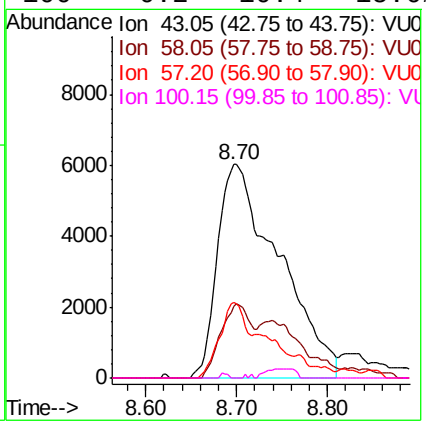


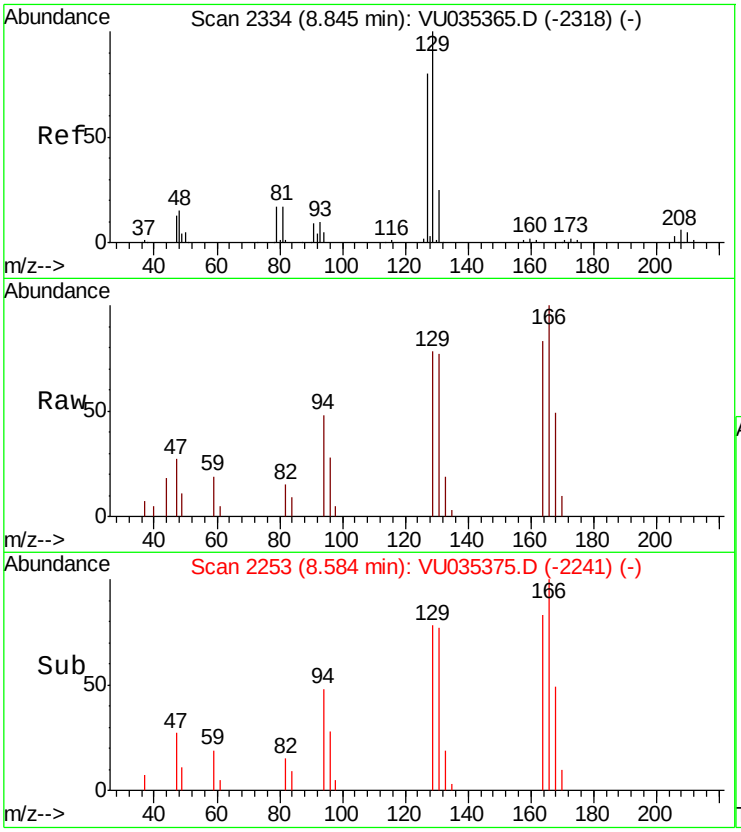


#48
2-Hexanone
Concen: 3.168 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. -0.04 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Tgt Ion: 43 Resp: 28139

Ion	Ratio	Lower	Upper
43	100		
58	16.8	45.1	67.7#
57	16.3	16.0	24.0
100	0.2	10.4	15.6#



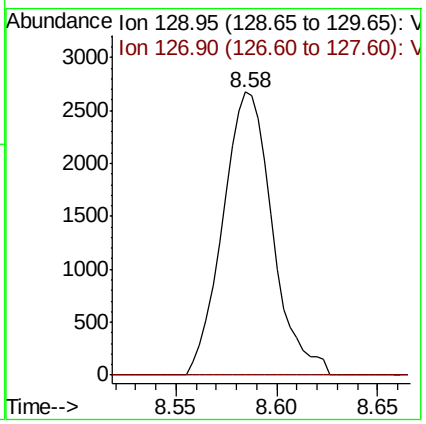


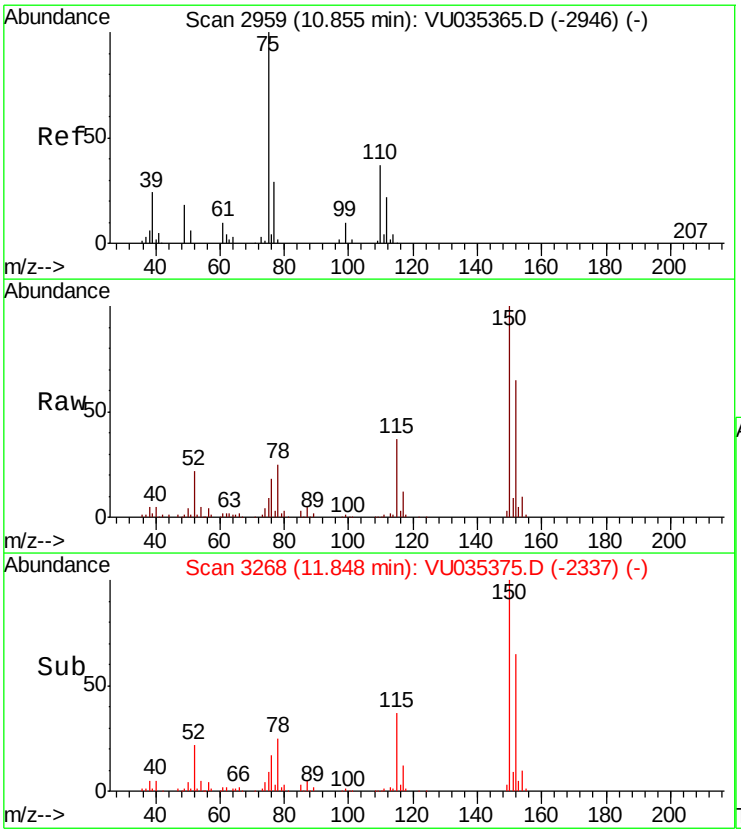
#49
Dibromochloromethane
Concen: 0.261 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 4610

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.8	99.8#





#59
1,2,3-Trichloropropane
Concen: 0.856 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 0.99 min
Lab File: VU035375.D
Acq: 22 Oct 2019 20:03

Tgt Ion: 75 Resp: 11186

Ion	Ratio	Lower	Upper
75	100		
77	37.5	26.2	39.2