Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071619\

Quantitation Report (Not Reviewed)

Data File : VU033267.D
Acq On : 16 Jul 2019 17:00
Operator : JC/SP
Sample : K3772-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52M4

Quant Time: Jul 17 04:49:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	127695	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	127283	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	56585	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	57421	4.46	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%				
7) Chloroethane-d5	1.67	69	50331	4.70	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%				
11) 1,1-Dichloroethene-d2	2.26	63	109476	4.40	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.00%				
20) 2-Butanone-d5	4.18	46	133035	54.90	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.80%				
24) Chloroform-d	4.62	84	85850	4.52	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%				
26) 1,2-Dichloroethane-d4	5.29	65	50358	4.91	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%				
32) Benzene-d6	5.32	84	184325	5.20	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%				
36) 1,2-Dichloropropane-d6	6.31	67	58785	5.21	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%				
41) Toluene-d8	7.55	98	167035	4.98	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%				
43) trans-1,3-Dichloropropene-	7.83	79	22477	4.97	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.40%				
46) 2-Hexanone-d5	8.30	63	92517	49.83	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.66%				
57) 1,1,2,2-Tetrachloroethane-	10.41	84	48028	5.12	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%				
64) 1,2-Dichlorobenzene-d4	11.85	152	60668	5.51	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.20%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	3617	0.283	ug/L		100
5) Vinyl chloride	1.40	62	147110	10.702	ug/L		100
12) 1,1-Dichloroethene	2.27	96	29976	2.857	ug/L		85
13) Acetone	2.31	43	7534	3.551	ug/L		97
18) trans-1,2-Dichloroethene	2.96	96	35652	3.077	ug/L		96
19) 1,1-Dichloroethane	3.42	63	9752	0.560	ug/L		94
22) cis-1,2-Dichloroethene	4.20	96	8091640	826.188	ug/L		94
25) Chloroform	4.65	83	4784	0.248	ug/L		98
29) 1,1,1-Trichloroethane	4.89	97	3753	0.255	ug/L	#	84
34) Trichloroethene	6.17	95	6440110	675.201	ug/L		96
35) Methylcyclohexane	6.31	83	13345	0.929	ug/L	#	20
37) 1,2-Dichloropropane	6.31	63	6557	0.673	ug/L	#	90
47) Tetrachloroethene	8.21	164	5487	0.718	ug/L		95
49) Dibromochloromethane	8.21	129	5327	0.635	ug/L	#	12
59) 1,2,3-Trichloropropane	11.47	75	7148	1.125	ug/L		89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071619\

Quantitation Report (Not Reviewed)

Data File : VU033267.D
Acq On : 16 Jul 2019 17:00
Operator : JC/SP
Sample : K3772-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52M4

Quant Time: Jul 17 04:49:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 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\VU071619\

Quantitation Report (Not Reviewed)

Data File : VU033267.D
Acq On : 16 Jul 2019 17:00
Operator : JC/SP
Sample : K3772-04
Misc : 25.0mL/MSVOA_U/WATER
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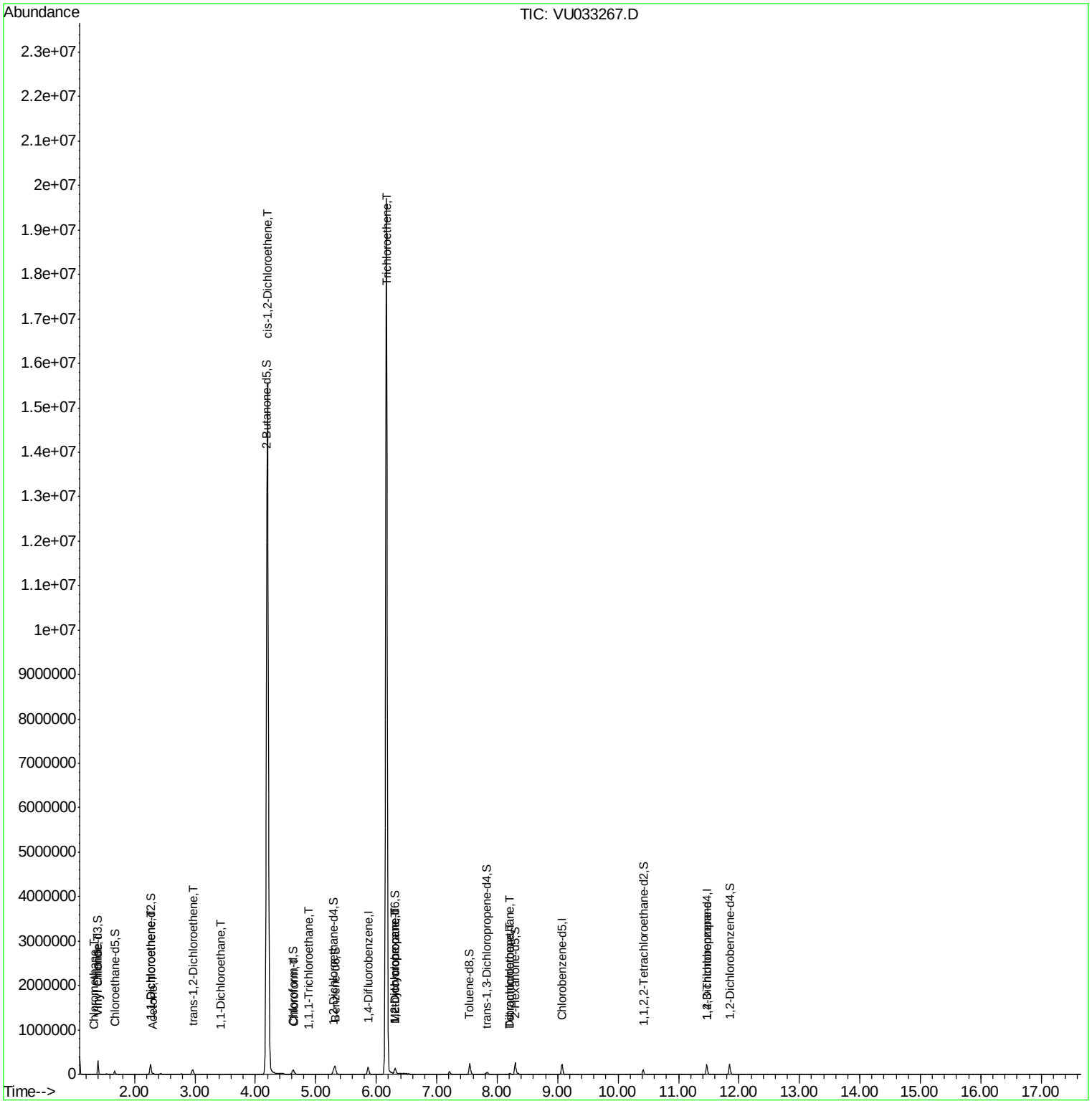
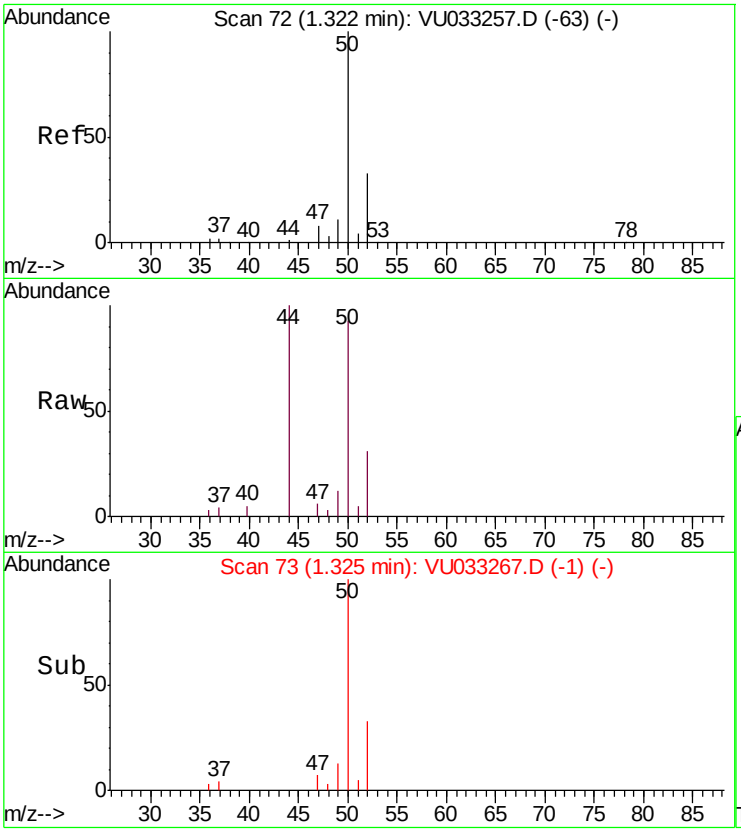
Quant Time: Jul 17 04:49:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration



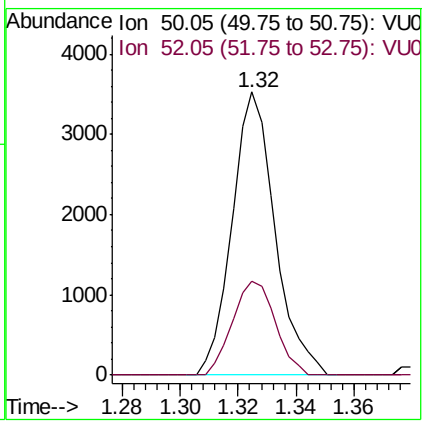


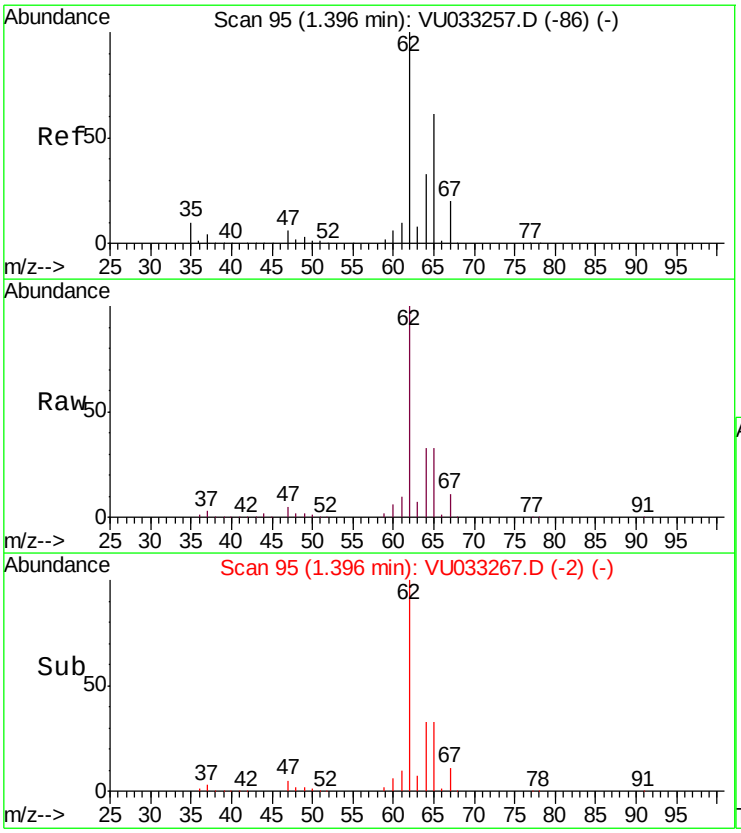
#3
Chloromethane
Concen: 0.283 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Instrument : MSVOA_U
ClientSampleId : A52M4

Tgt Ion: 50 Resp: 3617

Ion	Ratio	Lower	Upper
50	100		
52	33.2	23.3	43.3

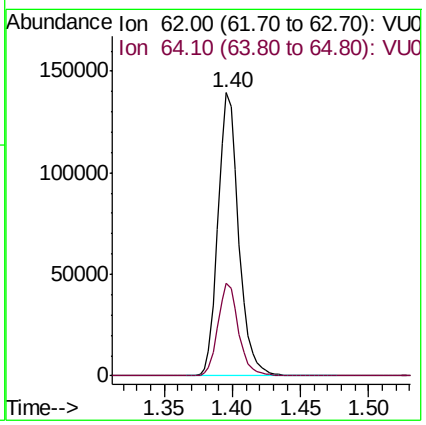


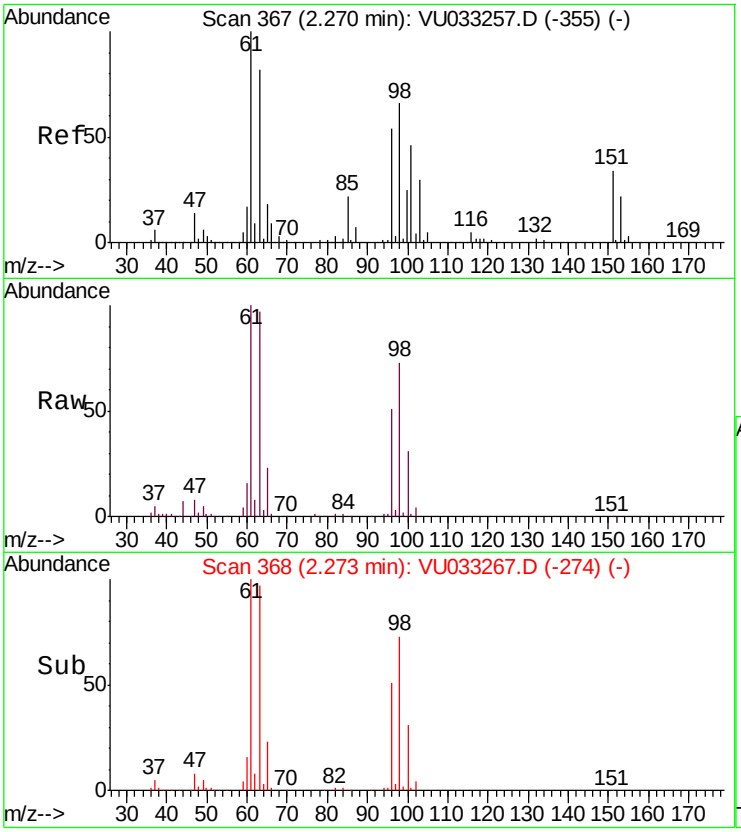


#5
Vinyl chloride
Concen: 10.702 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Tgt Ion: 62 Resp: 147110

Ion	Ratio	Lower	Upper
62	100		
64	32.6	22.8	42.4



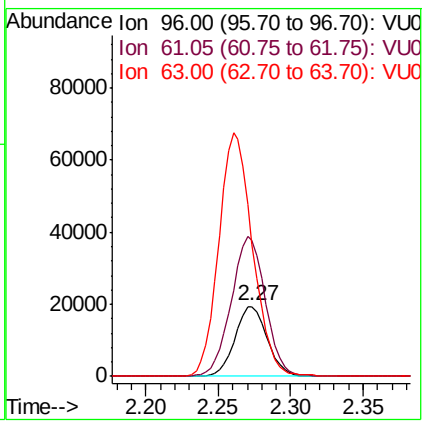


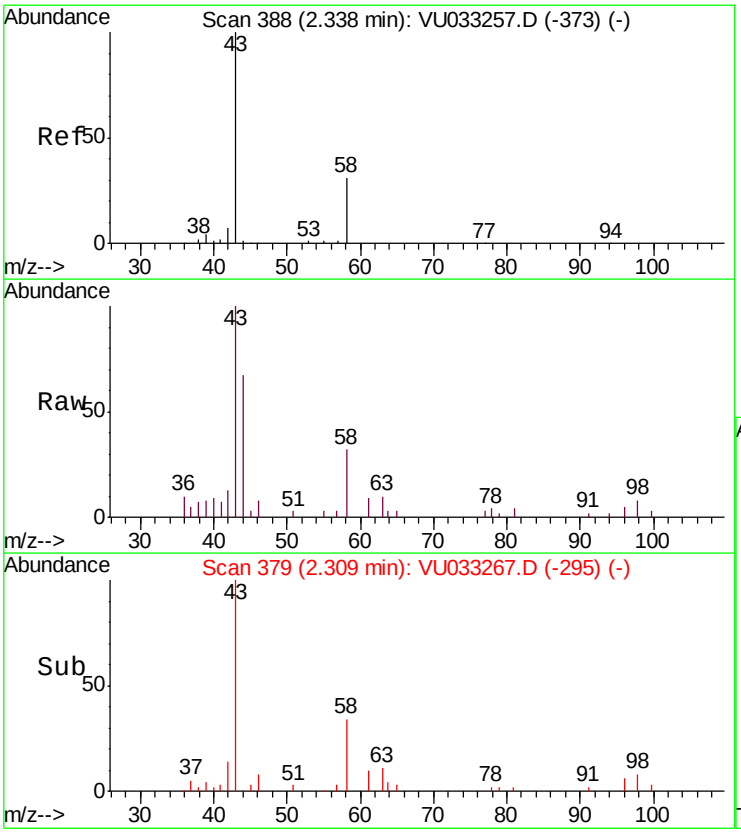
#12
1,1-Dichloroethene
Concen: 2.857 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Instrument : MSVOA_U
ClientSampleId : A52M4

Tgt Ion: 96 Resp: 29976

Ion	Ratio	Lower	Upper
96	100		
61	194.7	129.3	240.1
63	188.8	108.9	202.3

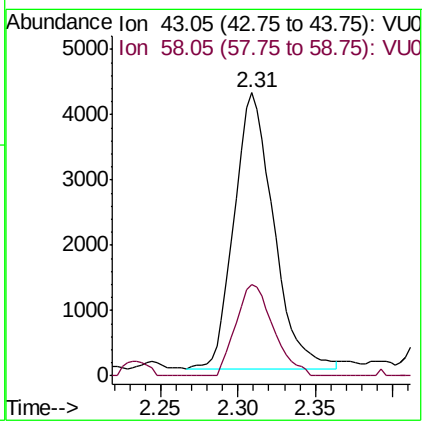


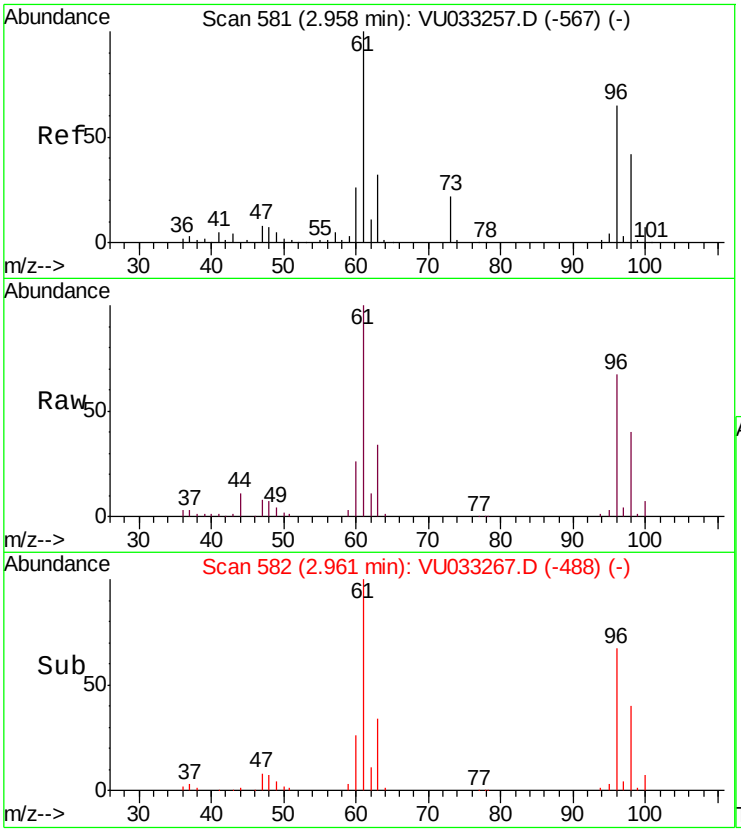


#13
Acetone
Concen: 3.551 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.03 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Tgt Ion: 43 Resp: 7534

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	66.6



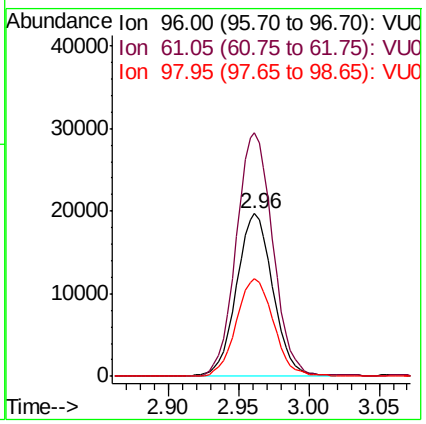


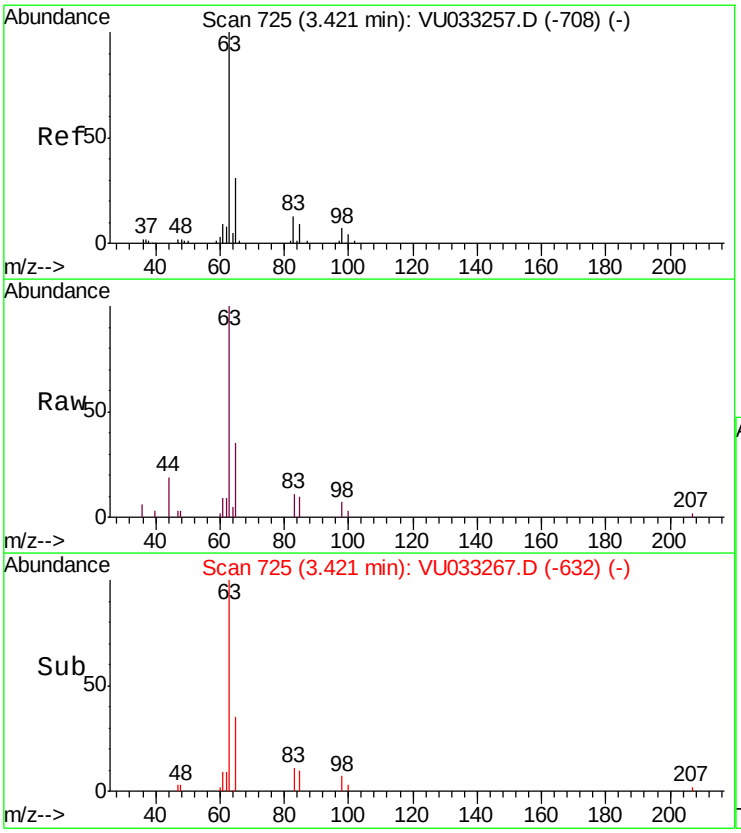
#18
trans-1,2-Dichloroethene
Concen: 3.077 ug/L
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Instrument :
MSVOA_U
ClientSampleId :
A52M4

Tgt Ion: 96 Resp: 35652

Ion	Ratio	Lower	Upper
96	100		
61	149.8	107.1	198.9
98	59.8	45.4	84.4

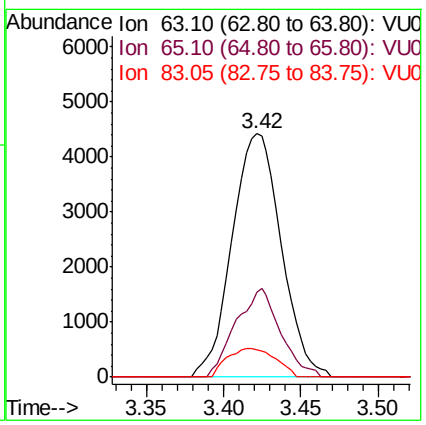


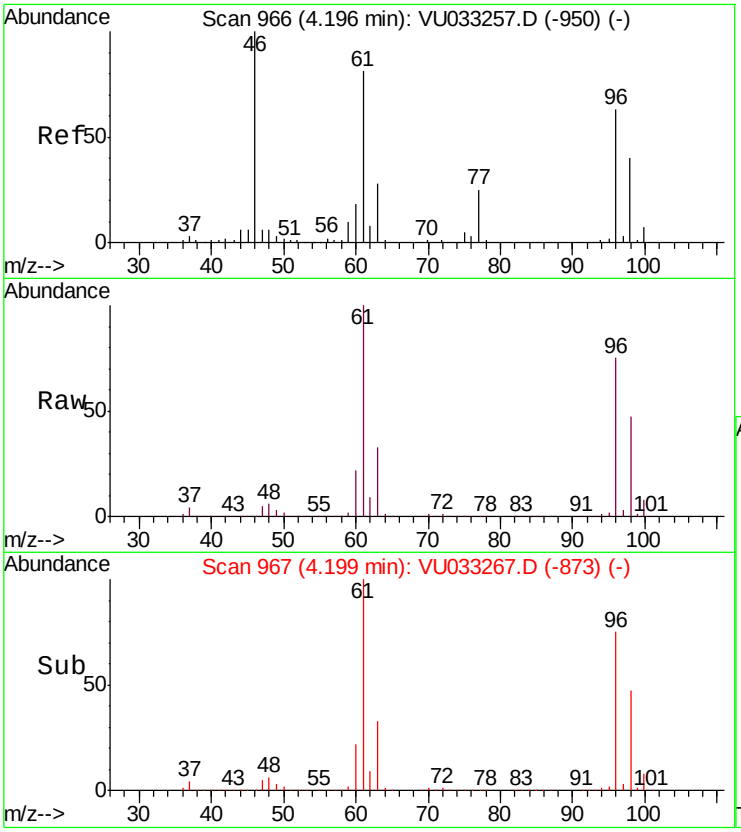


#19
1,1-Dichloroethane
Concen: 0.560 ug/L
RT: 3.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Tgt Ion: 63 Resp: 9752

Ion	Ratio	Lower	Upper
63	100		
65	34.6	21.7	40.3
83	11.4	9.0	16.8



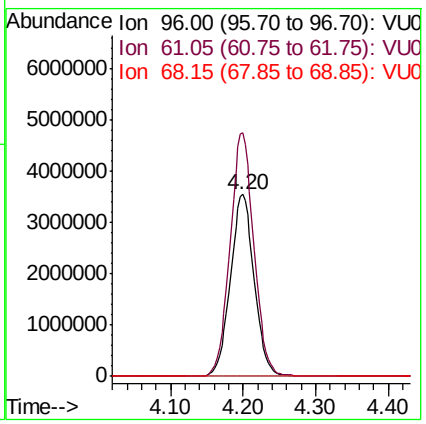


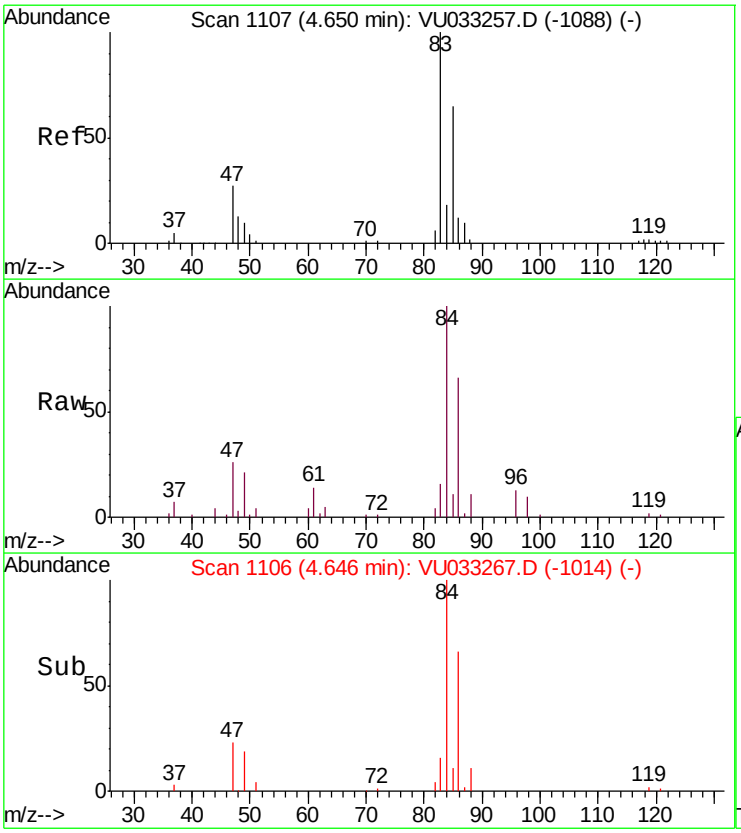
#22
cis-1,2-Dichloroethene
Concen: 826.188 ug/L
RT: 4.20 min Scan# 967
Delta R.T. 0.00 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Instrument :
MSVOA_U
ClientSampleId :
A52M4

Tgt Ion: 96 Resp: 8091640

Ion	Ratio	Lower	Upper
96	100		
61	133.8	89.2	165.6
68	0.0	0.0	0.0

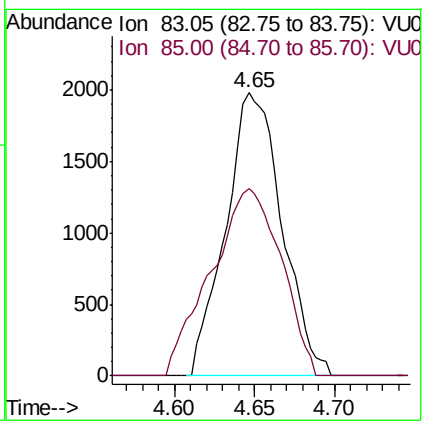


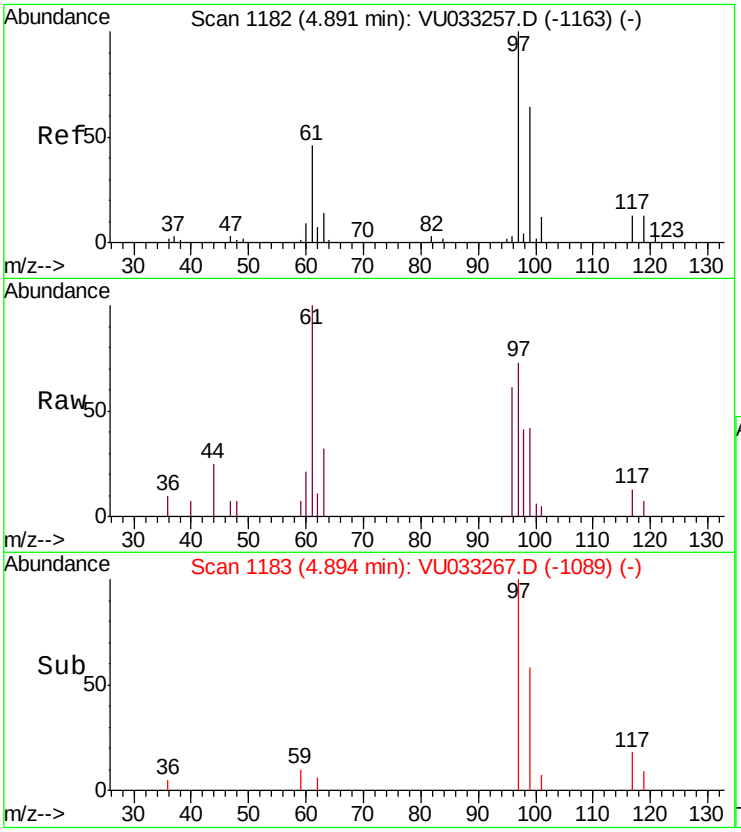


#25
Chloroform
Concen: 0.248 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Tgt Ion: 83 Resp: 4784

Ion	Ratio	Lower	Upper
83	100		
85	66.2	45.4	84.4



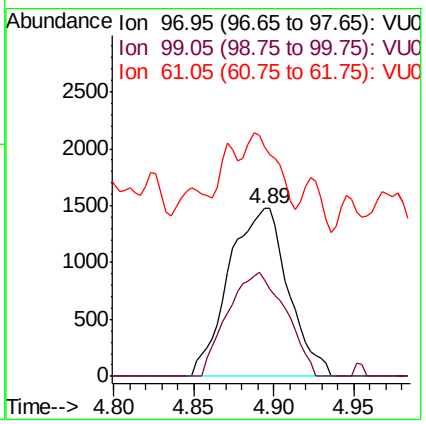


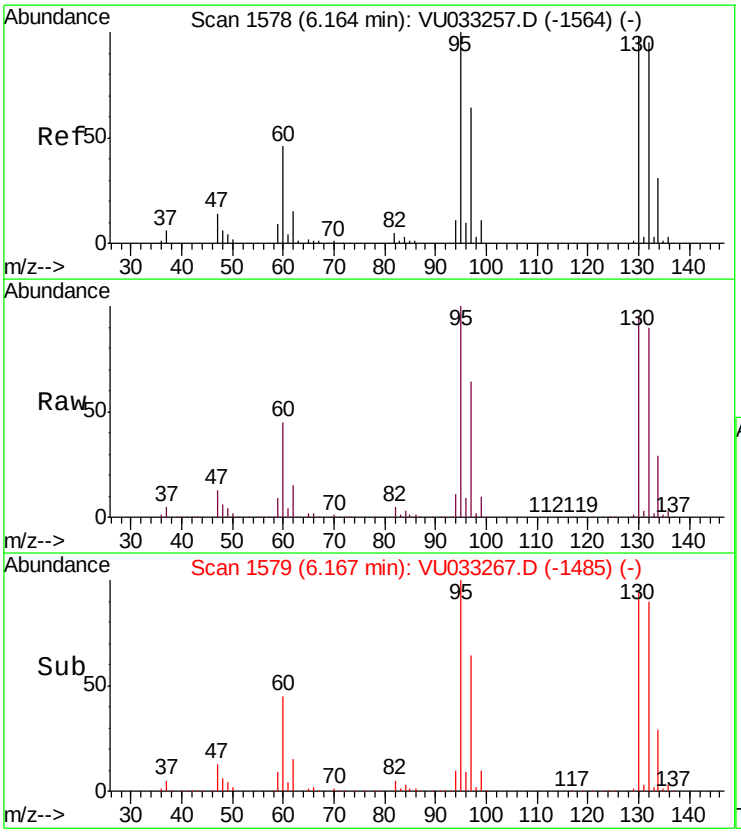
#29
1,1,1-Trichloroethane
Concen: 0.255 ug/L
RT: 4.89 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Instrument :
MSVOA_U
ClientSampleId :
A52M4

Tgt Ion: 97 Resp: 3753

Ion	Ratio	Lower	Upper
97	100		
99	60.6	51.6	77.4
61	23.7	36.2	54.4#

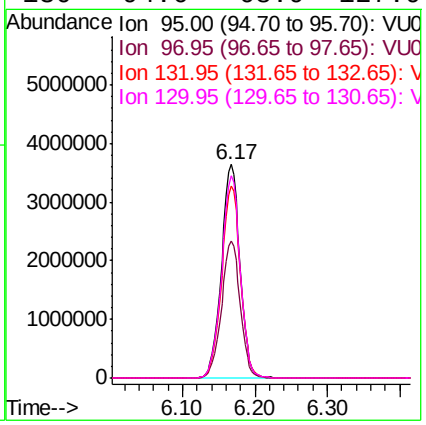


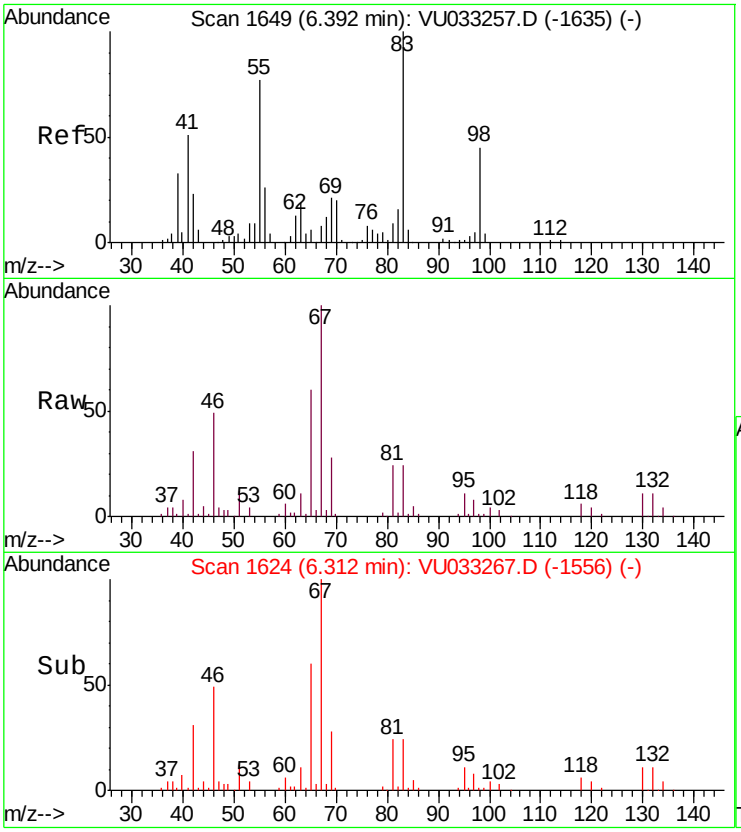


#34
Trichloroethene
Concen: 675.201 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Tgt Ion: 95 Resp: 6440110

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.5	82.7
132	90.1	66.6	123.8
130	94.6	68.9	127.9



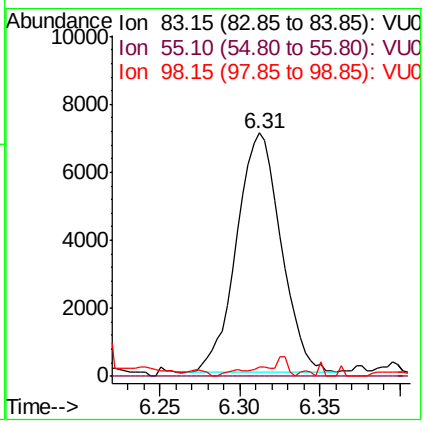


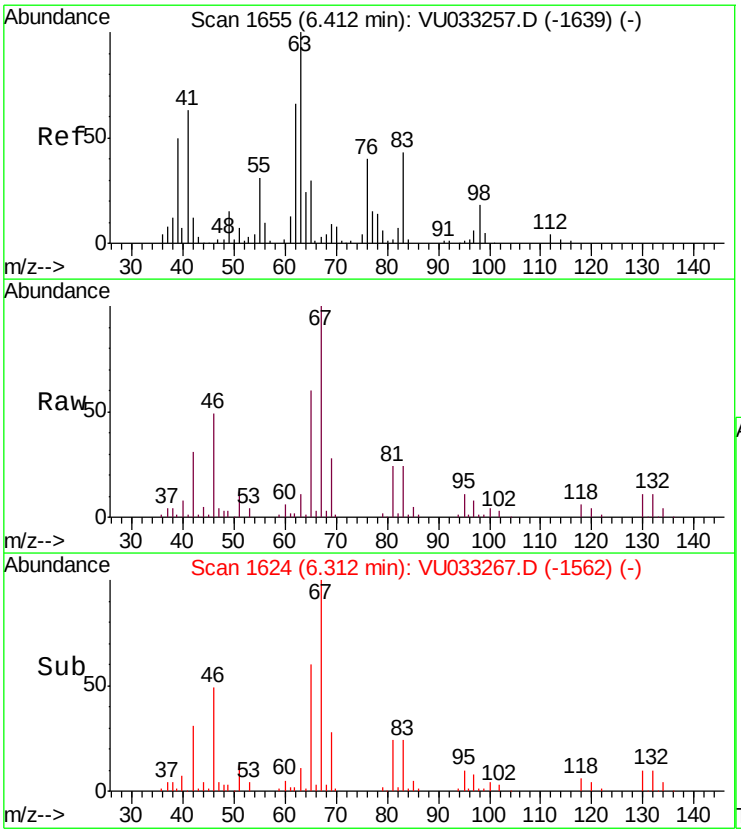
#35
Methylcyclohexane
Concen: 0.929 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Instrument :
MSVOA_U
ClientSampleId :
A52M4

Tgt Ion: 83 Resp: 13345

Ion	Ratio	Lower	Upper
83	100		
55	2.9	62.6	94.0#
98	0.0	36.2	54.2#

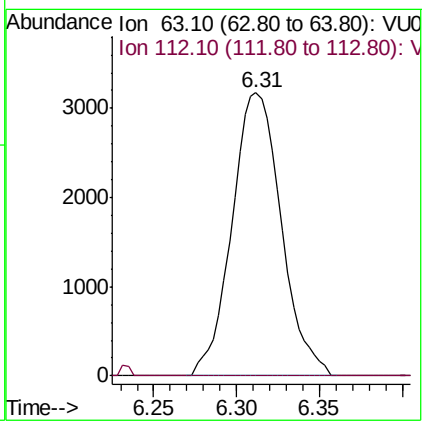


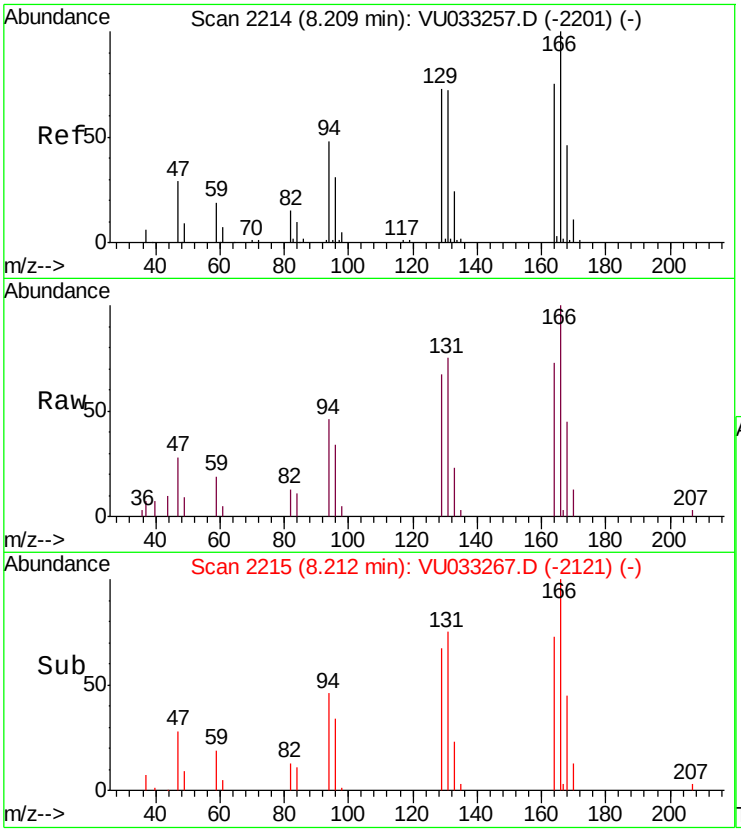


#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Tgt Ion: 63 Resp: 6557

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.1	4.7#



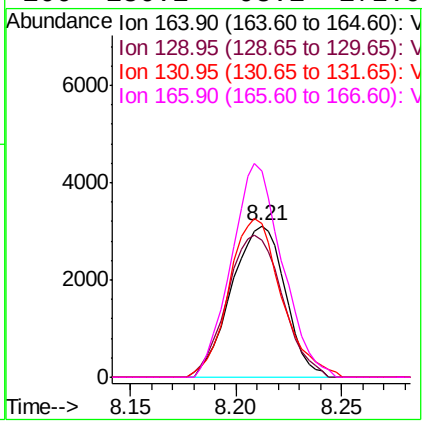


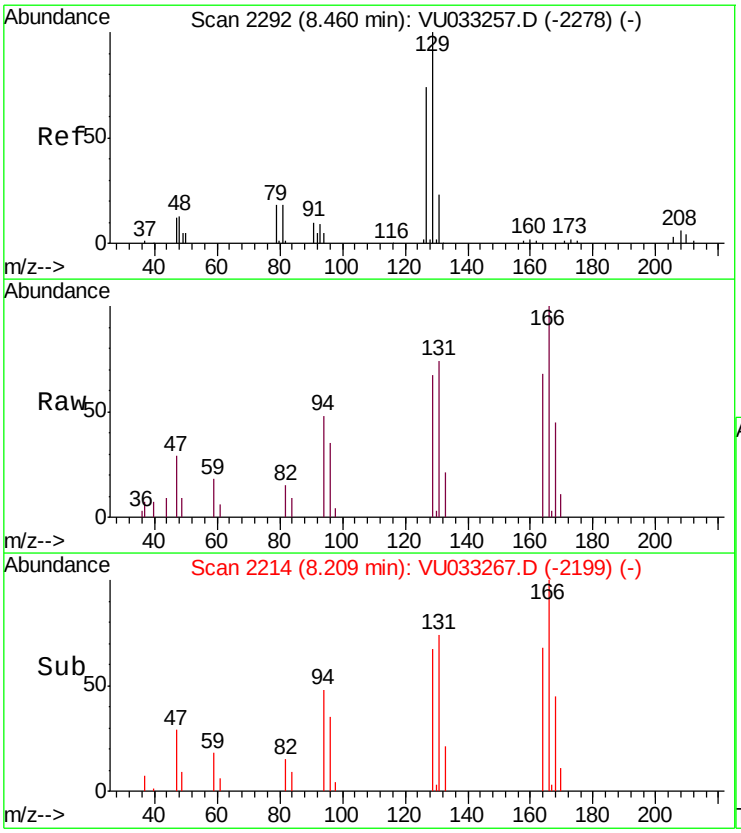
#47
Tetrachloroethene
Concen: 0.718 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Instrument : MSVOA_U
ClientSampleId : A52M4

Tgt Ion:164 Resp: 5487

Ion	Ratio	Lower	Upper
164	100		
129	91.0	68.5	127.1
131	101.8	67.3	124.9
166	136.1	93.1	172.9

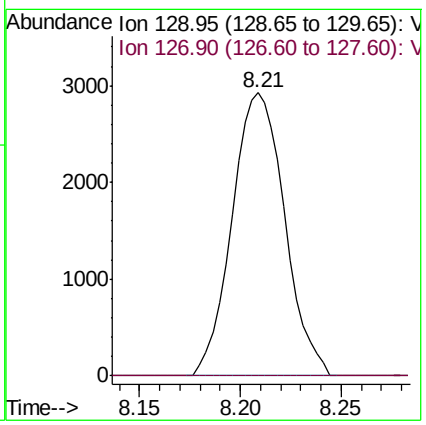


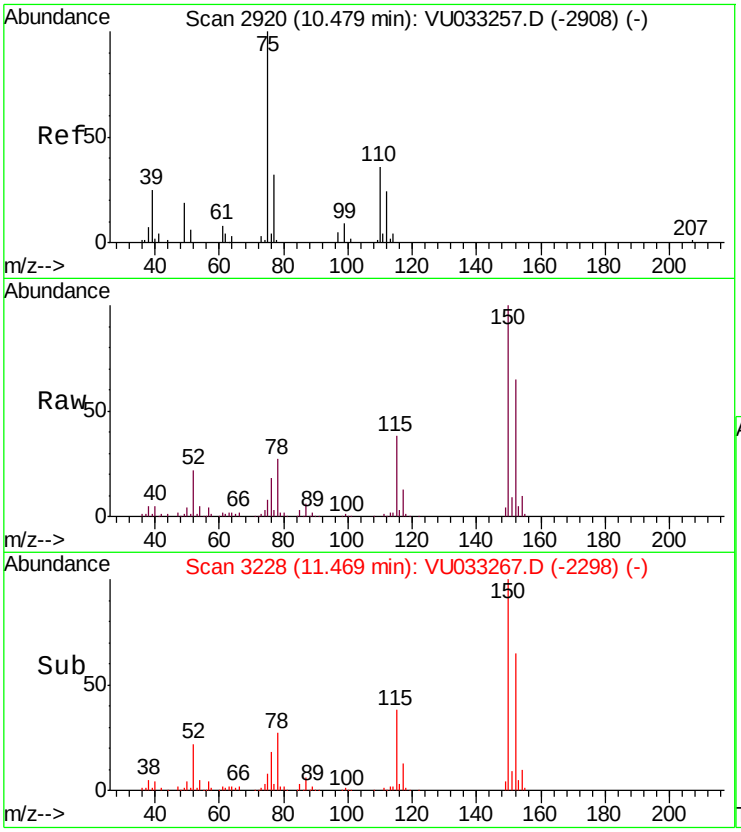


#49
Dibromochloromethane
Concen: 0.635 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Tgt Ion:129 Resp: 5327

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#





#59
1,2,3-Trichloropropane
Concen: 1.125 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033267.D
Acq: 16 Jul 2019 17:00

Instrument :
MSVOA_U
ClientSampleId :
A52M4

Tgt Ion: 75 Resp: 7148

Ion	Ratio	Lower	Upper
75	100		
77	39.2	26.5	39.7