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

Quantitation Report (Not Reviewed)

Data File : VU033263.D
Acq On : 16 Jul 2019 14:57
Operator : JC/SP
Sample : K3772-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52L6

Quant Time: Jul 17 04:48:23 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	5.87	114	138020	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	141842	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65828	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	54005	3.88	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%				
7) Chloroethane-d5	1.67	69	45086	3.89	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.80%				
11) 1,1-Dichloroethene-d2	2.26	63	126709	4.71	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 94.20%				
20) 2-Butanone-d5	4.19	46	145087	55.39	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.78%				
24) Chloroform-d	4.62	84	83788	4.09	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.80%				
26) 1,2-Dichloroethane-d4	5.29	65	46371	4.18	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%				
32) Benzene-d6	5.32	84	170648	4.32	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%				
36) 1,2-Dichloropropane-d6	6.31	67	53865	4.29	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.80%				
41) Toluene-d8	7.55	98	154770	4.14	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%				
43) trans-1,3-Dichloropropene-	7.83	79	20877	4.15	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%				
46) 2-Hexanone-d5	8.30	63	85498	41.32	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.64%				
57) 1,1,2,2-Tetrachloroethane-	10.42	84	44030	4.22	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.40%				
64) 1,2-Dichlorobenzene-d4	11.85	152	58741	4.58	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.60%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	16888	1.221	ug/L		98
5) Vinyl chloride	1.40	62	200407	13.488	ug/L		99
12) 1,1-Dichloroethene	2.27	96	76939	6.785	ug/L		81
13) Acetone	2.31	43	7920	3.454	ug/L		95
18) trans-1,2-Dichloroethene	2.96	96	76383	6.098	ug/L		98
19) 1,1-Dichloroethane	3.42	63	19548	1.039	ug/L		98
22) cis-1,2-Dichloroethene	4.20	96	18901618	1785.555	ug/L		76
29) 1,1,1-Trichloroethane	4.89	97	8324	0.508	ug/L		93
35) Methylcyclohexane	6.31	83	13353	0.834	ug/L	#	20
37) 1,2-Dichloropropane	6.31	63	6390	0.588	ug/L		99
42) Toluene	7.62	91	4071	0.094	ug/L		92
44) trans-1,3-Dichloropropene	7.84	75	1005	0.080	ug/L	#	73
47) Tetrachloroethene	8.21	164	16277	1.911	ug/L		97
48) 2-Hexanone	8.36	43	4442	0.976	ug/L	#	52
49) Dibromochloromethane	8.21	129	16056	1.716	ug/L	#	12
59) 1,2,3-Trichloropropane	11.47	75	9631	1.360	ug/L		98
63) 1,4-Dichlorobenzene	11.49	146	4282	0.207	ug/L		95

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

Quantitation Report (Not Reviewed)

Data File : VU033263.D
Acq On : 16 Jul 2019 14:57
Operator : JC/SP
Sample : K3772-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52L6

Quant Time: Jul 17 04:48:23 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)
65) 1,2-Dichlorobenzene	11.86	146	5428	0.278	ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.62	75	4843	3.277	ug/L	#	2

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

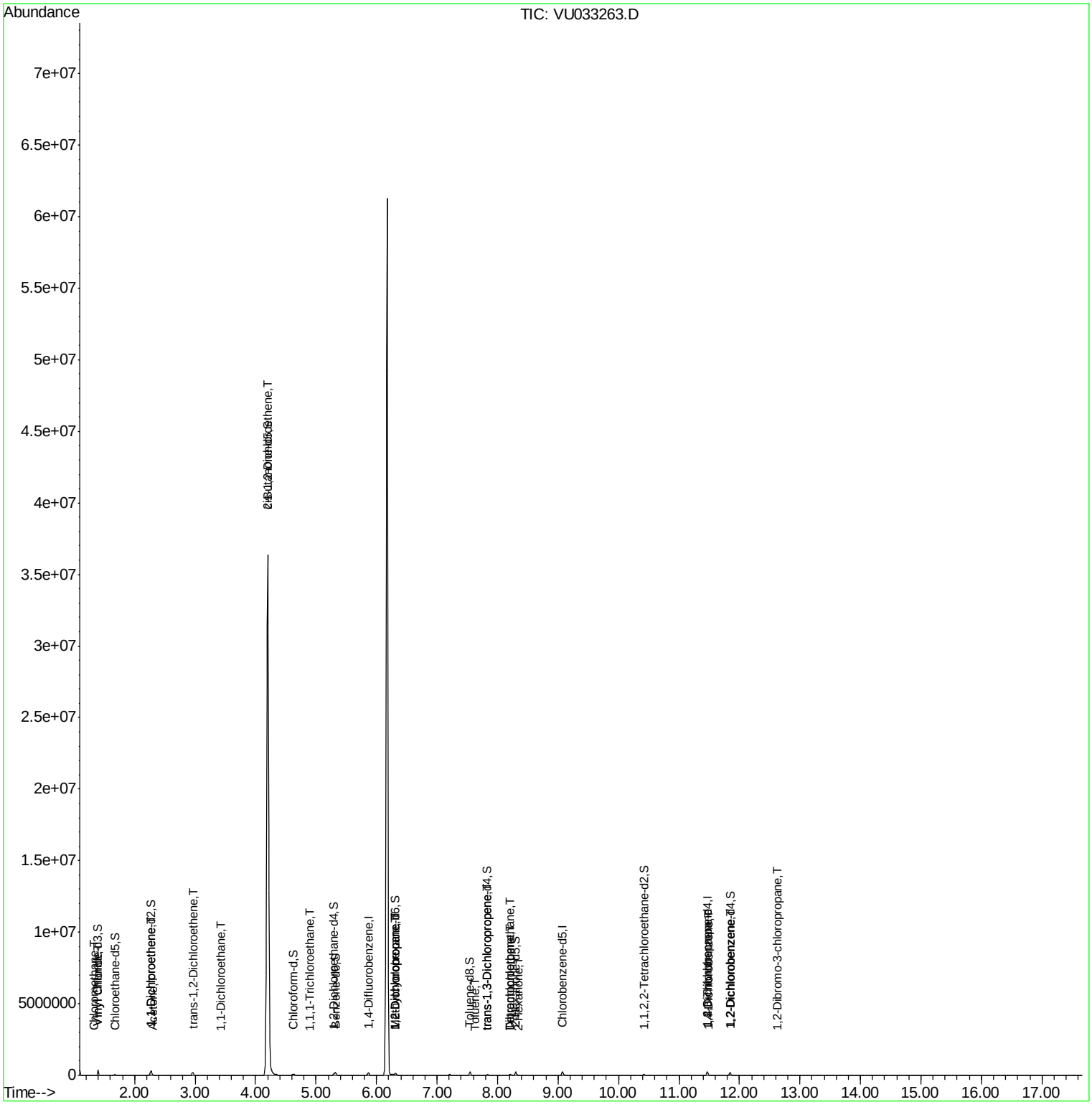
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071619\

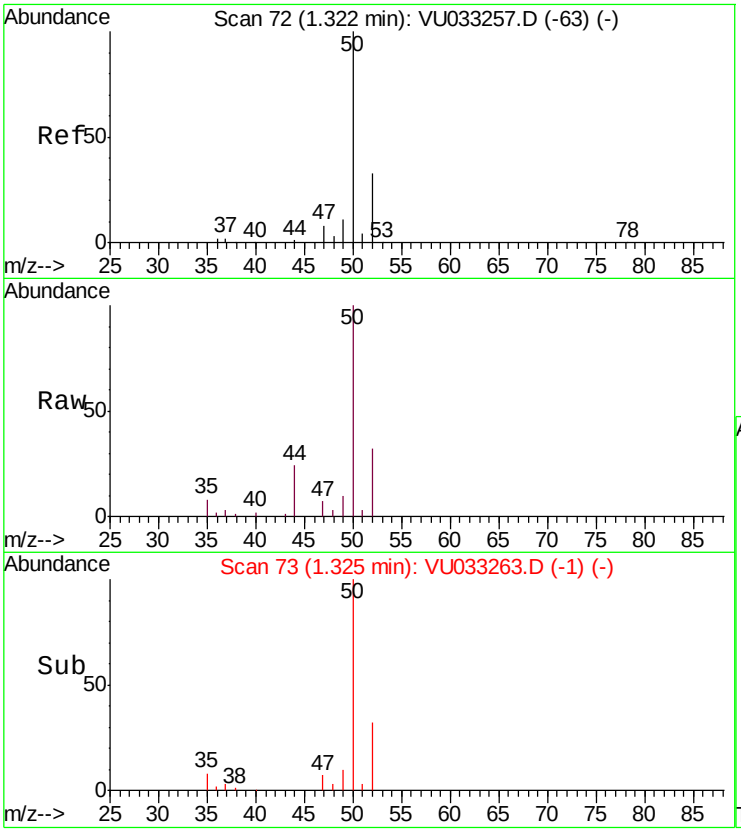
Quantitation Report (Not Reviewed)

Data File : VU033263.D
Acq On : 16 Jul 2019 14:57
Operator : JC/SP
Sample : K3772-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A52L6

Quant Time: Jul 17 04:48:23 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



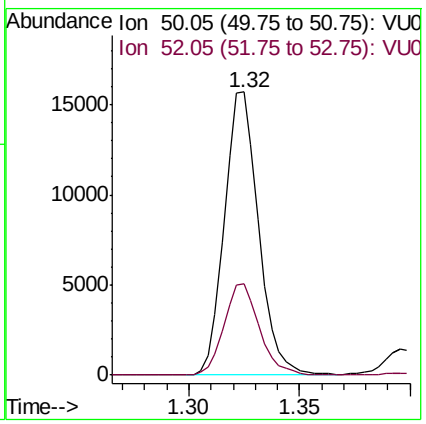


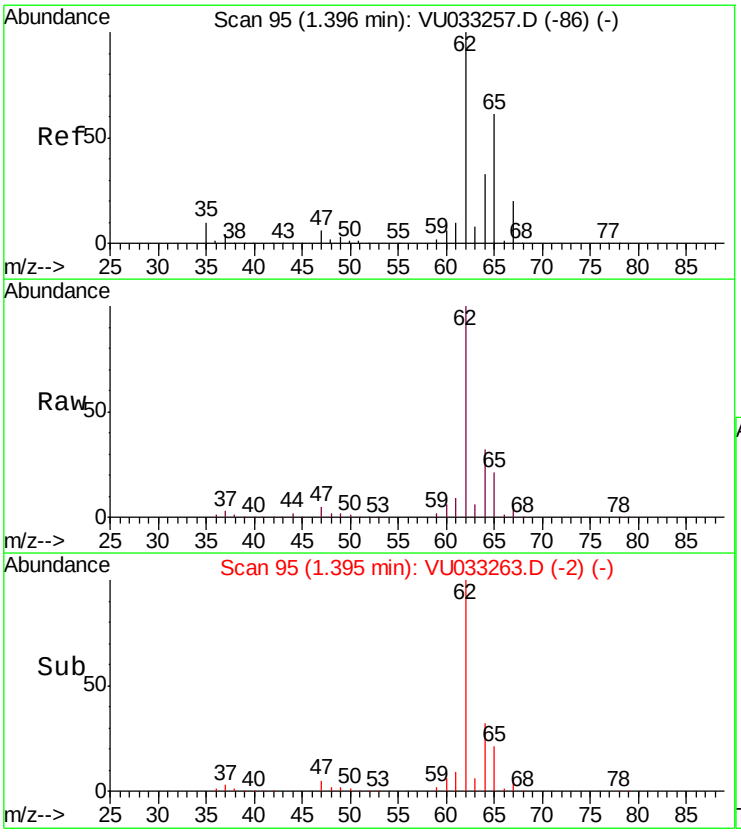
#3
Chloromethane
Concen: 1.221 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument : MSVOA_U
ClientSampleId : A52L6

Tgt Ion: 50 Resp: 16888

Ion	Ratio	Lower	Upper
50	100		
52	32.4	23.3	43.3

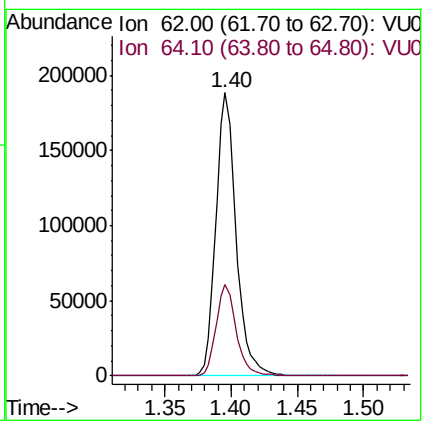


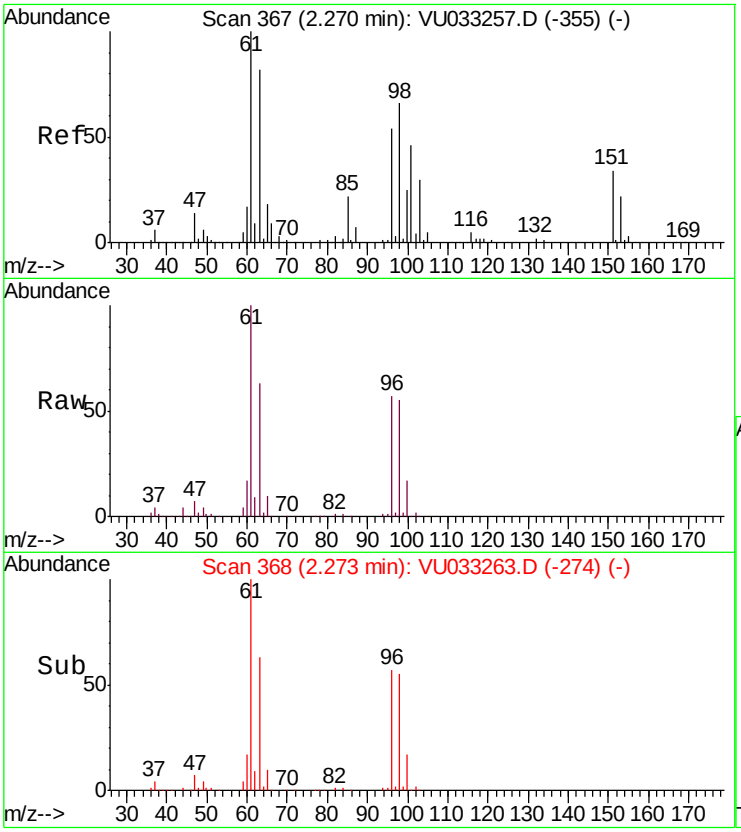


#5
Vinyl chloride
Concen: 13.488 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Tgt Ion: 62 Resp: 200407

Ion	Ratio	Lower	Upper
62	100		
64	32.2	22.8	42.4



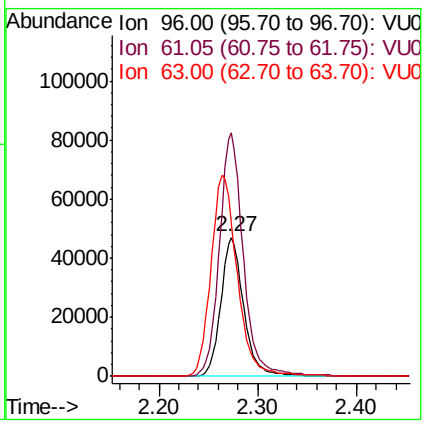


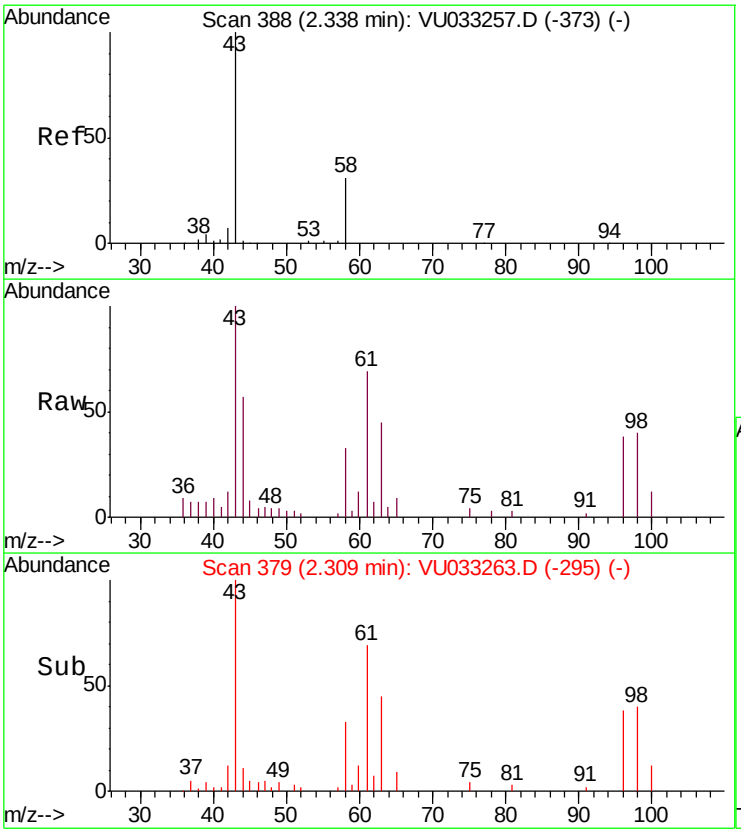
#12
1,1-Dichloroethene
Concen: 6.785 ug/L
RT: 2.27 min Scan# 368
Delta R.T. 0.00 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument : MSVOA_U
ClientSampleId : A52L6

Tgt Ion: 96 Resp: 76939

Ion	Ratio	Lower	Upper
96	100		
61	174.8	129.3	240.1
63	111.0	108.9	202.3

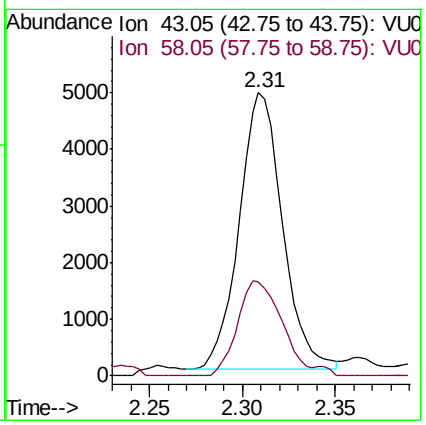


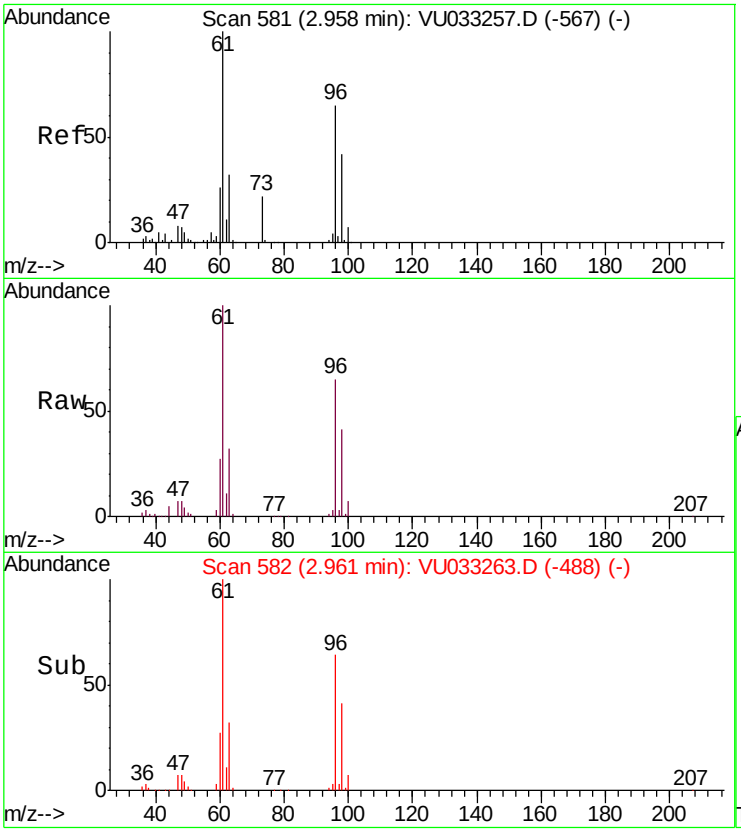


#13
Acetone
Concen: 3.454 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.03 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Tgt Ion: 43 Resp: 7920

Ion	Ratio	Lower	Upper
43	100		
58	35.9	0.0	66.6



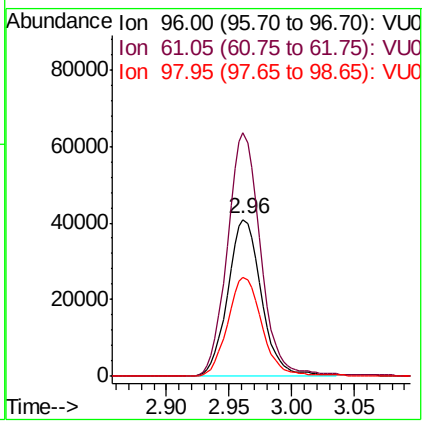


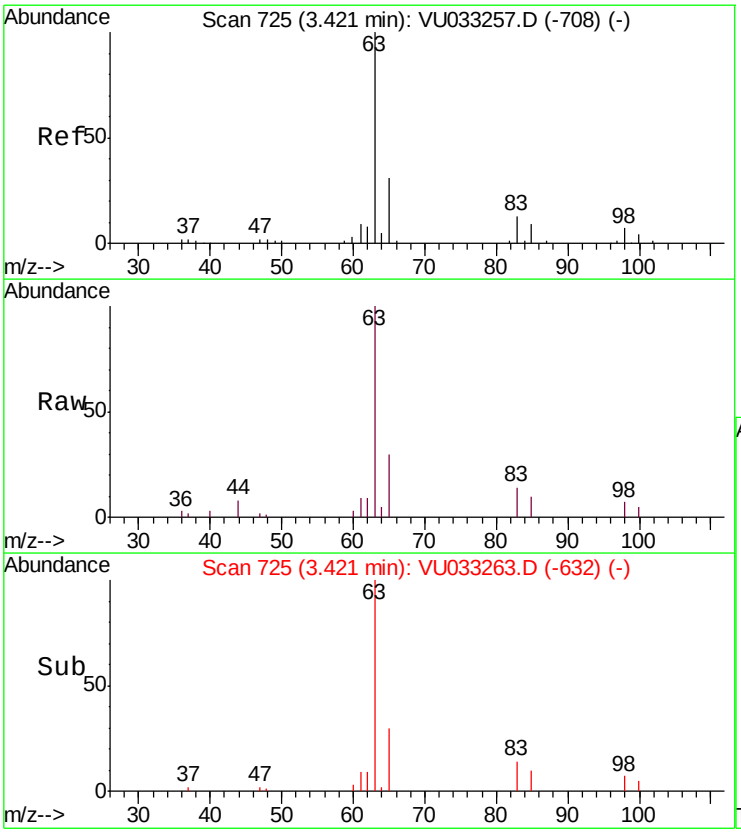
#18
trans-1,2-Dichloroethene
Concen: 6.098 ug/L
RT: 2.96 min Scan# 582
Delta R.T. 0.00 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument :
MSVOA_U
ClientSampleId :
A52L6

Tgt Ion: 96 Resp: 76383

Ion	Ratio	Lower	Upper
96	100		
61	155.0	107.1	198.9
98	62.9	45.4	84.4

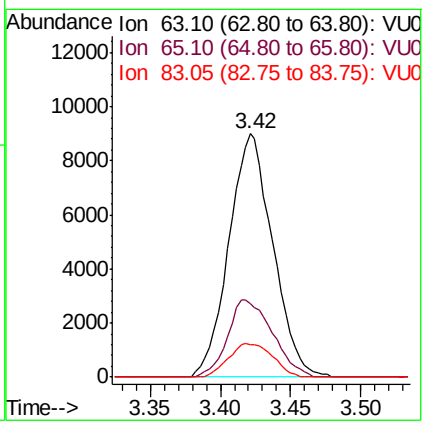


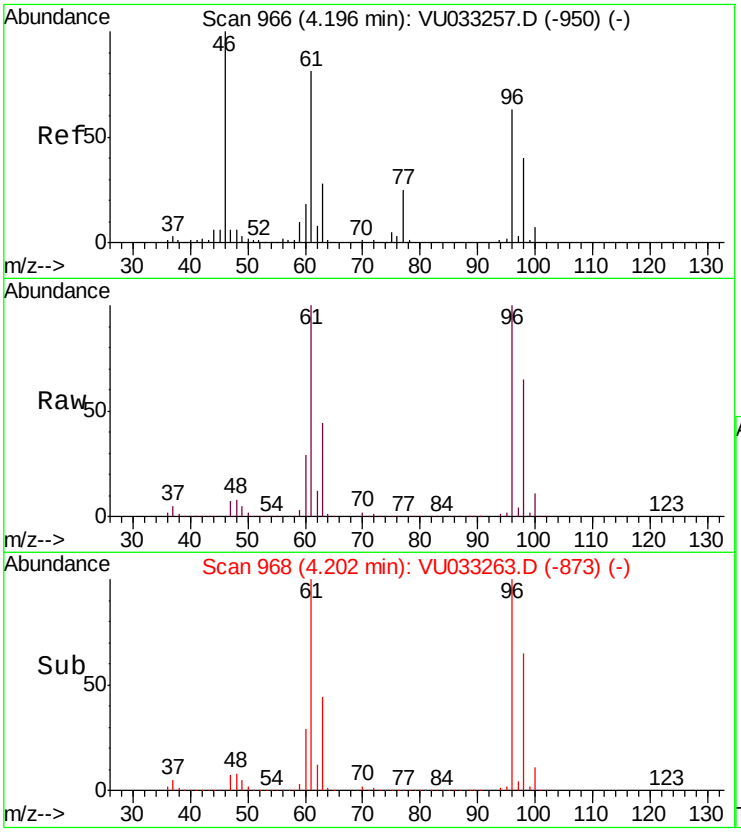


#19
1,1-Dichloroethane
Concen: 1.039 ug/L
RT: 3.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Tgt Ion: 63 Resp: 19548

Ion	Ratio	Lower	Upper
63	100		
65	30.1	21.7	40.3
83	13.5	9.0	16.8



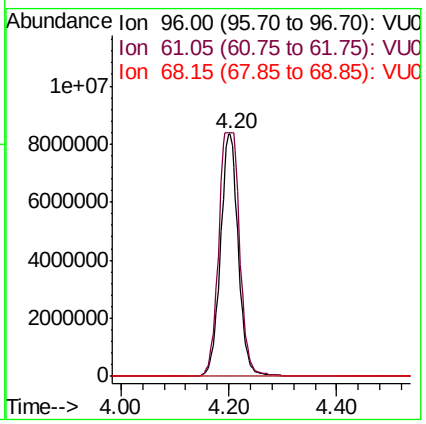


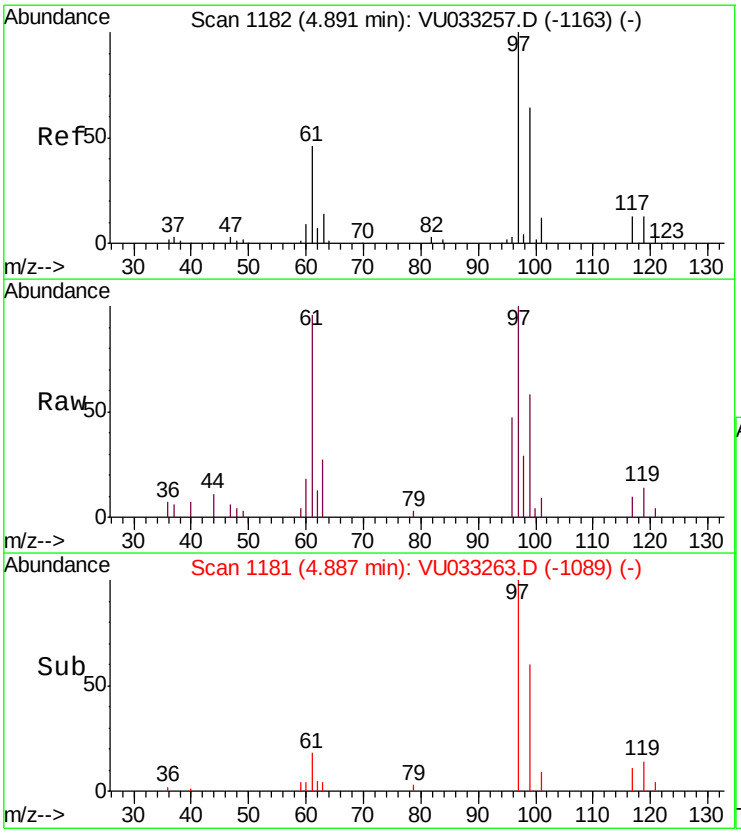
#22
cis-1,2-Dichloroethene
Concen: 1785.555 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.01 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument :
MSVOA_U
ClientSampleId :
A52L6

Tgt Ion: 96 Resp:18901618

Ion	Ratio	Lower	Upper
96	100		
61	100.3	89.2	165.6
68	0.0	0.0	0.0

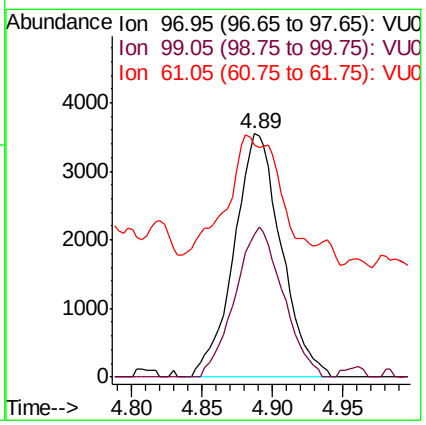


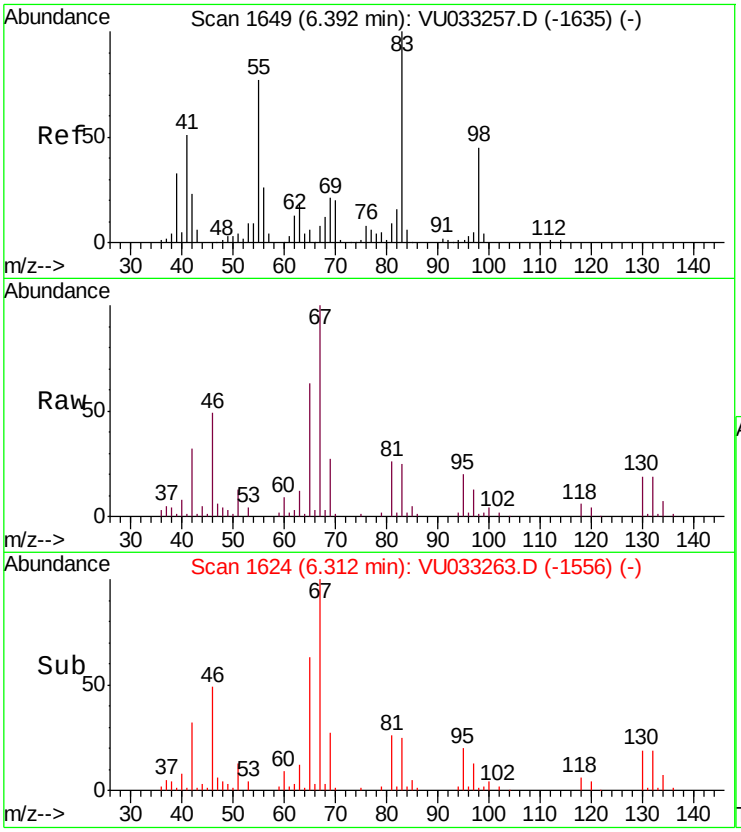


#29
1,1,1-Trichloroethane
Concen: 0.508 ug/L
RT: 4.89 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Tgt Ion: 97 Resp: 8324

Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.6	77.4
61	53.2	36.2	54.4



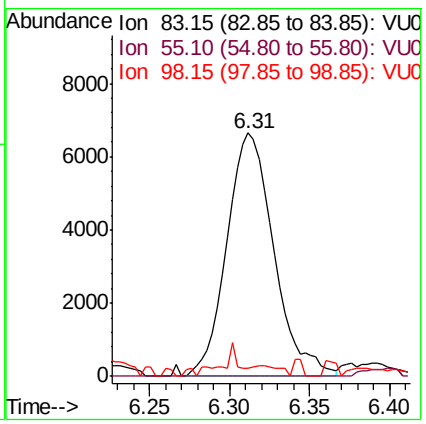


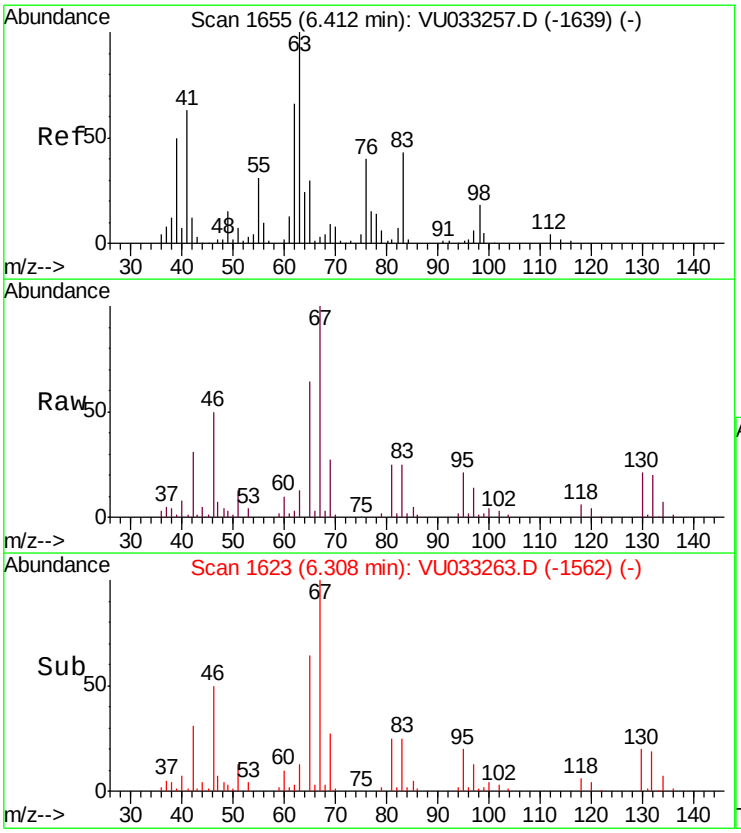
#35
Methylcyclohexane
Concen: 0.834 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument :
MSVOA_U
ClientSampleId :
A52L6

Tgt Ion: 83 Resp: 13353

Ion	Ratio	Lower	Upper
83	100		
55	2.3	62.6	94.0#
98	0.0	36.2	54.2#

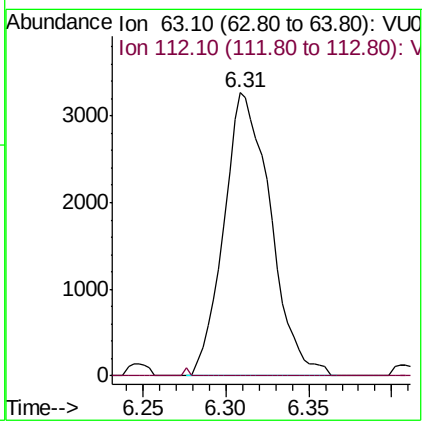


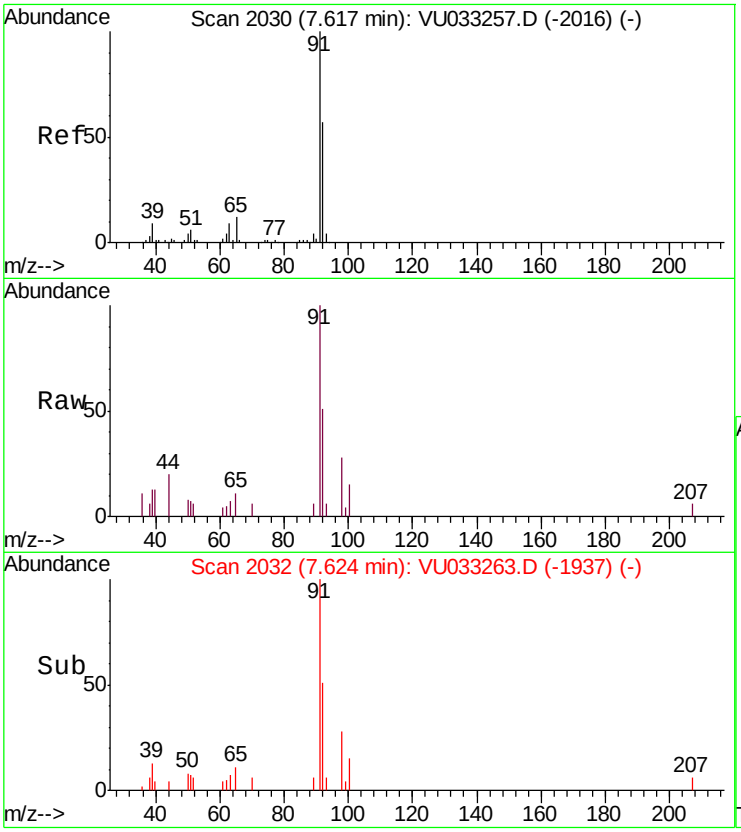


#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Tgt Ion: 63 Resp: 6390

Ion	Ratio	Lower	Upper
63	100		
112	3.7	3.1	4.7



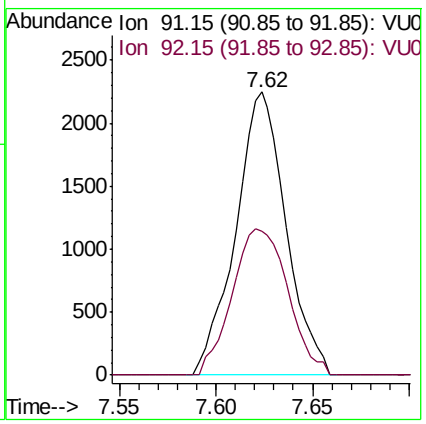


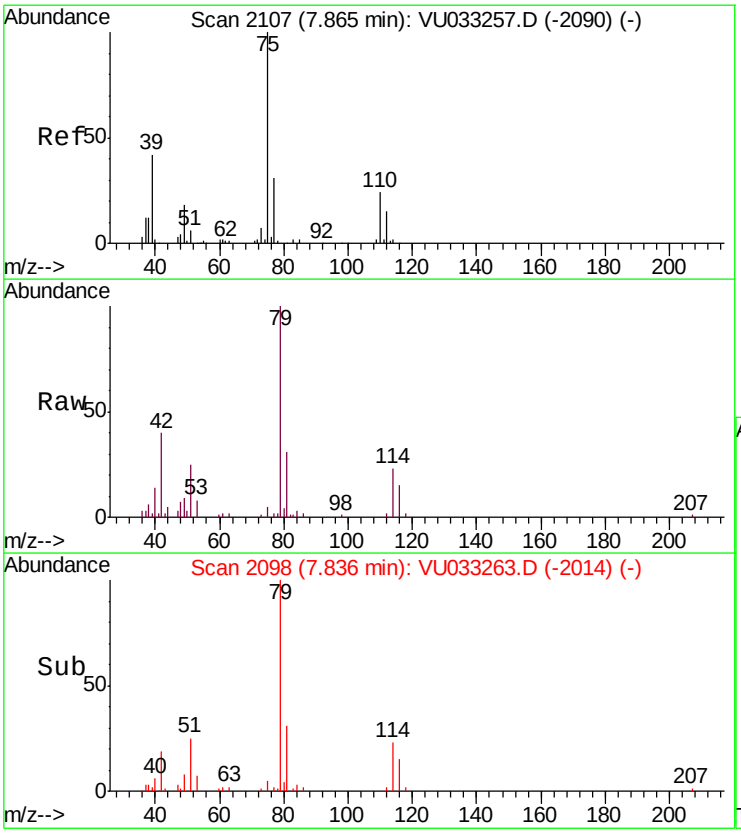
#42
Toluene
Concen: 0.094 ug/L
RT: 7.62 min Scan# 2032
Delta R.T. 0.01 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument : MSVOA_U
ClientSampleId : A52L6

Tgt Ion: 91 Resp: 4071

Ion	Ratio	Lower	Upper
91	100		
92	50.9	40.0	74.2

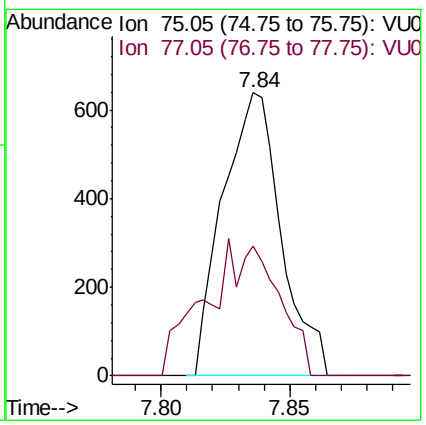


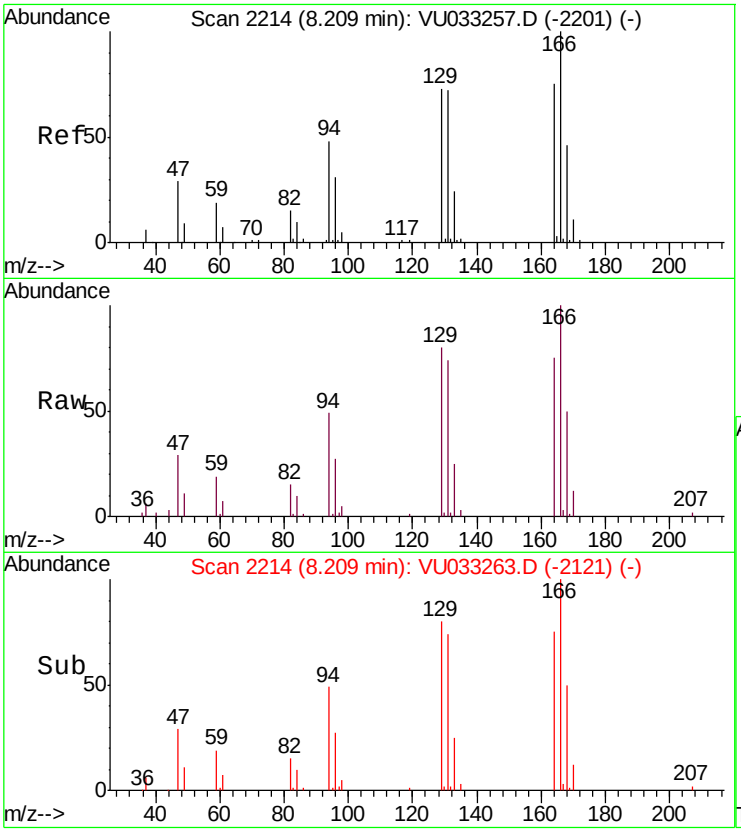


#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Tgt Ion: 75 Resp: 1005

Ion	Ratio	Lower	Upper
75	100		
77	45.8	21.6	40.0#



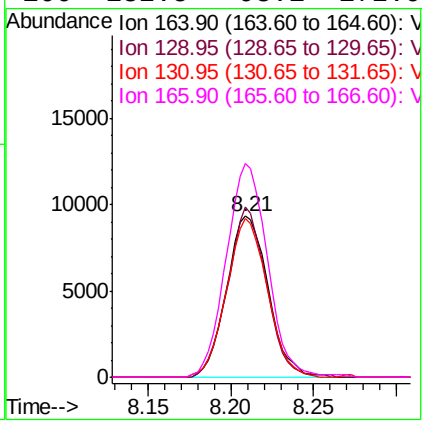


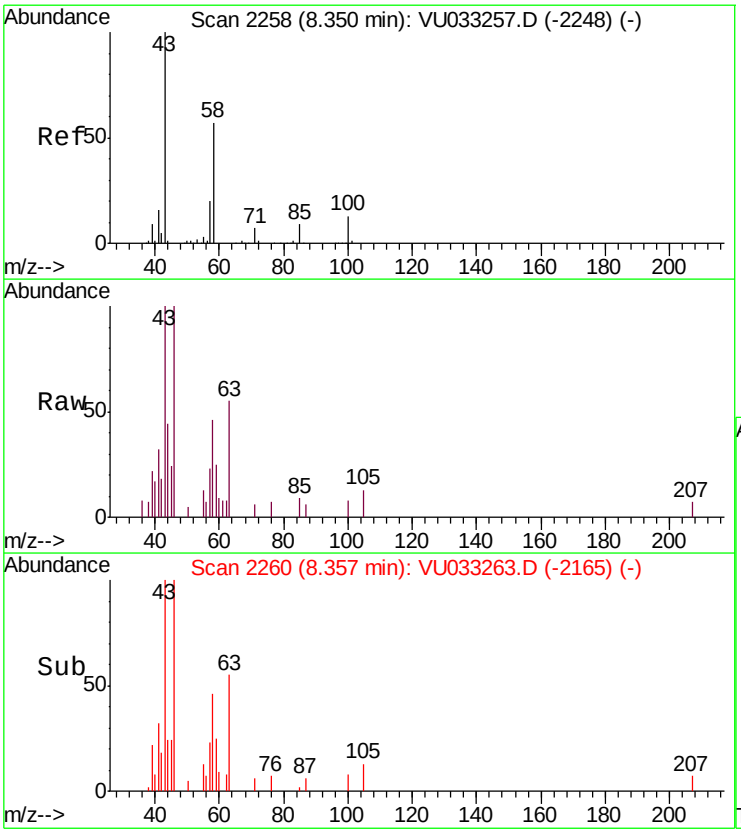
#47
Tetrachloroethene
Concen: 1.911 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument : MSVOA_U
ClientSampleId : A52L6

Tgt Ion:164 Resp: 16277

Ion	Ratio	Lower	Upper
164	100		
129	105.5	68.5	127.1
131	98.3	67.3	124.9
166	132.5	93.1	172.9

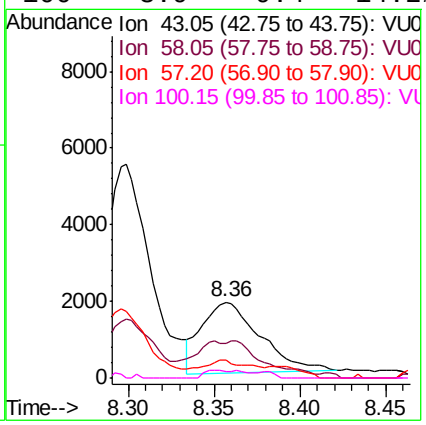


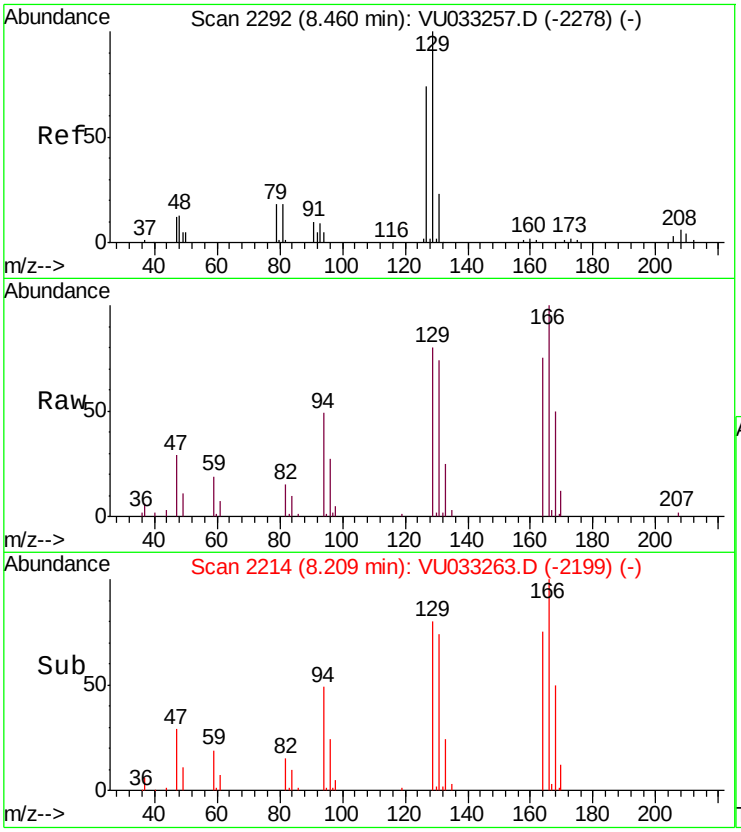


#48
2-Hexanone
Concen: 0.976 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.01 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Tgt Ion: 43 Resp: 4442

Ion	Ratio	Lower	Upper
43	100		
58	9.9	44.1	66.1#
57	8.8	15.8	23.8#
100	3.9	9.4	14.2#



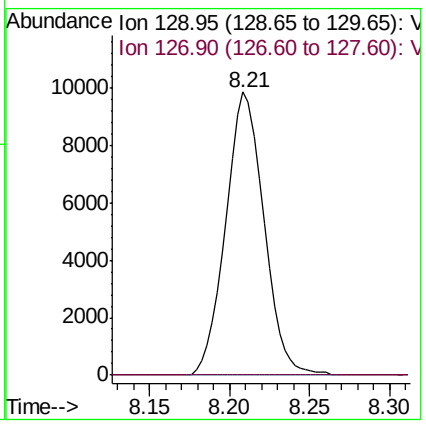


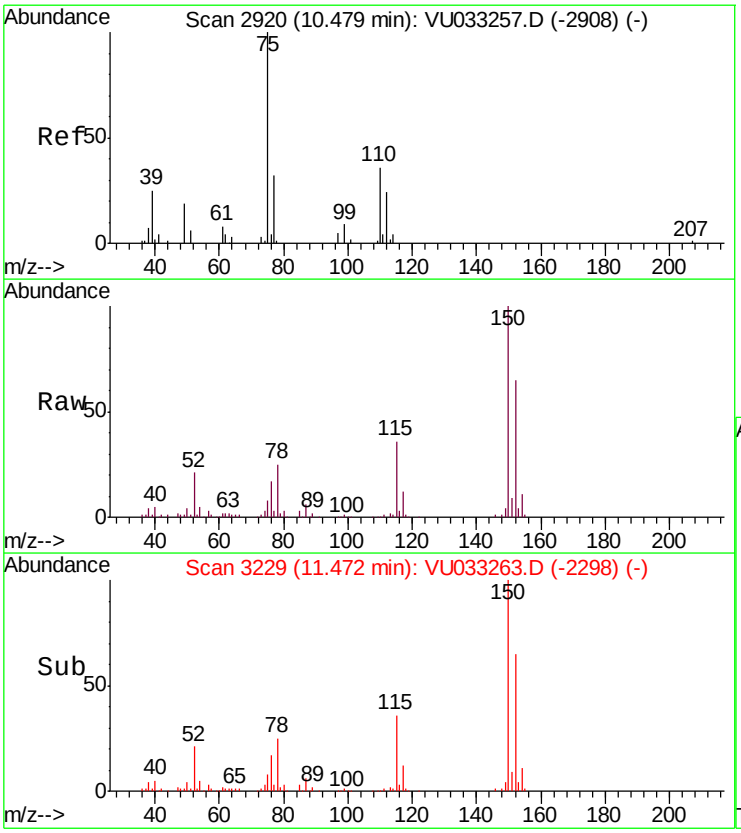
#49
Dibromochloromethane
Concen: 1.716 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument : MSVOA_U
ClientSampleId : A52L6

Tgt Ion:129 Resp: 16056

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#

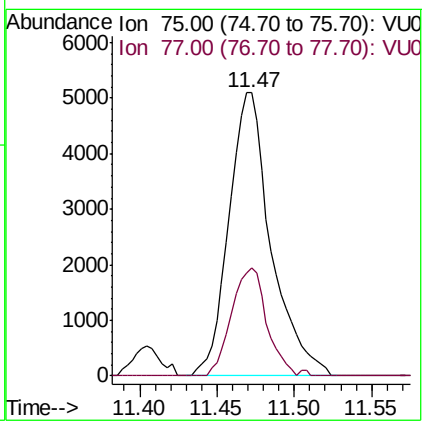


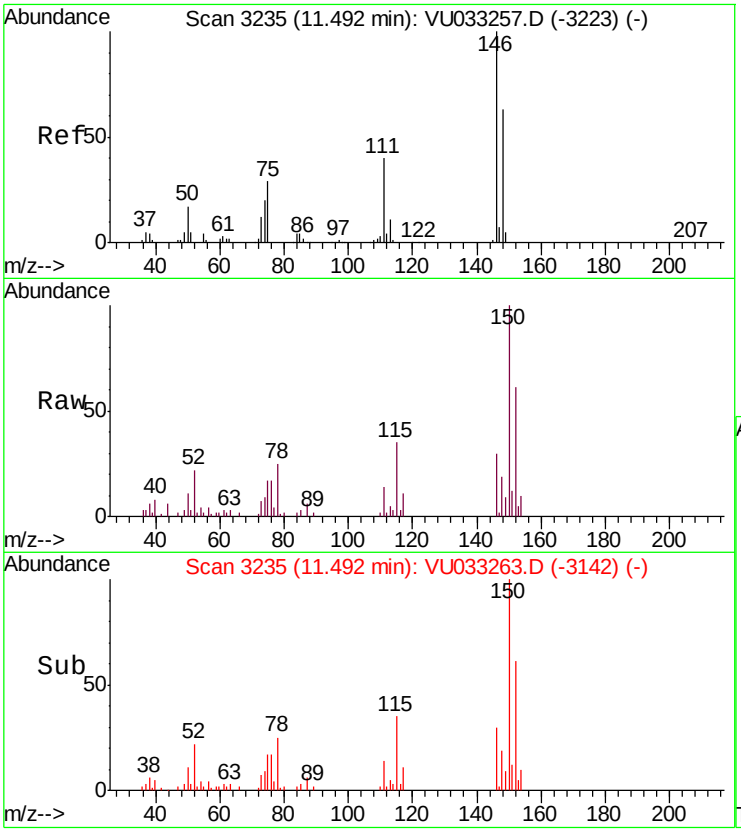


#59
1,2,3-Trichloropropane
Concen: 1.360 ug/L
RT: 11.47 min Scan# 3229
Delta R.T. 0.99 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Tgt Ion: 75 Resp: 9631

Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.5	39.7



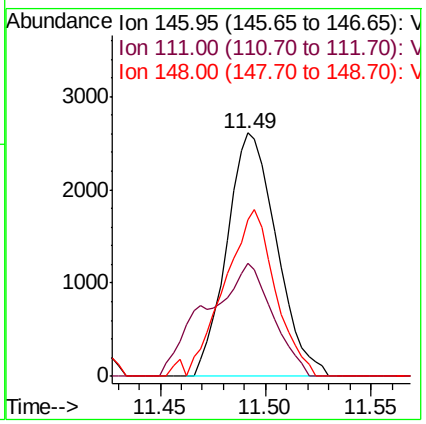


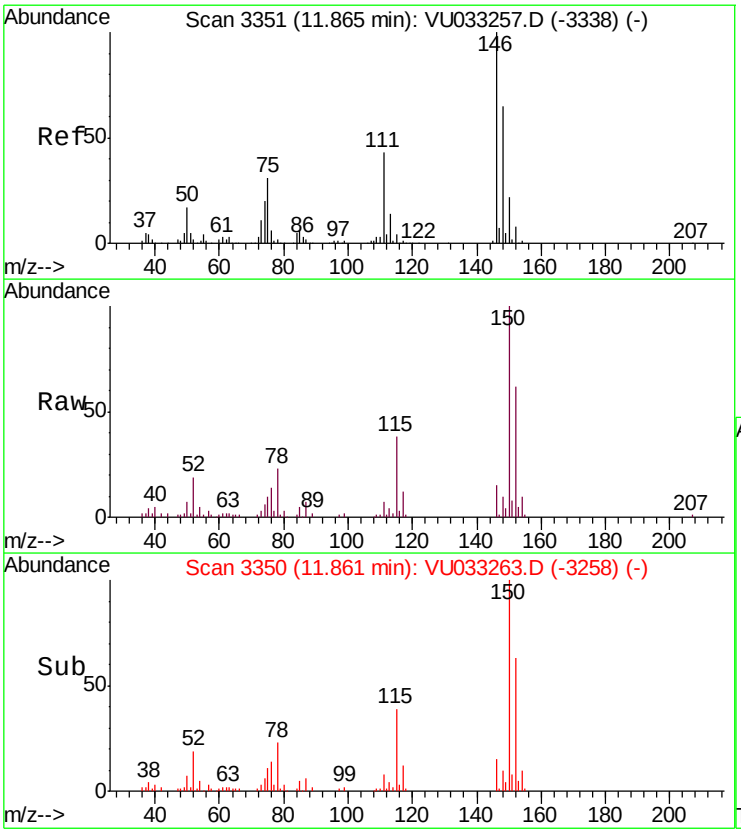
#63
1,4-Dichlorobenzene
Concen: 0.207 ug/L
RT: 11.49 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument : MSVOA_U
ClientSampleId : A52L6

Tgt Ion:146 Resp: 4282

Ion	Ratio	Lower	Upper
146	100		
111	46.3	27.9	51.7
148	64.3	44.1	81.9

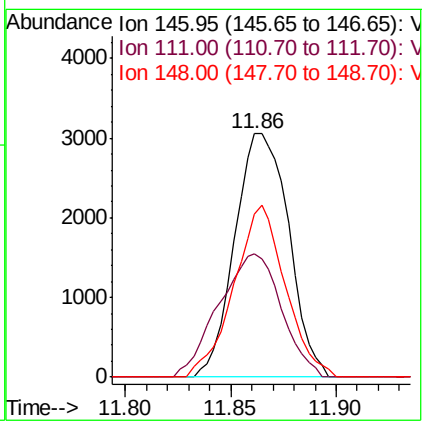


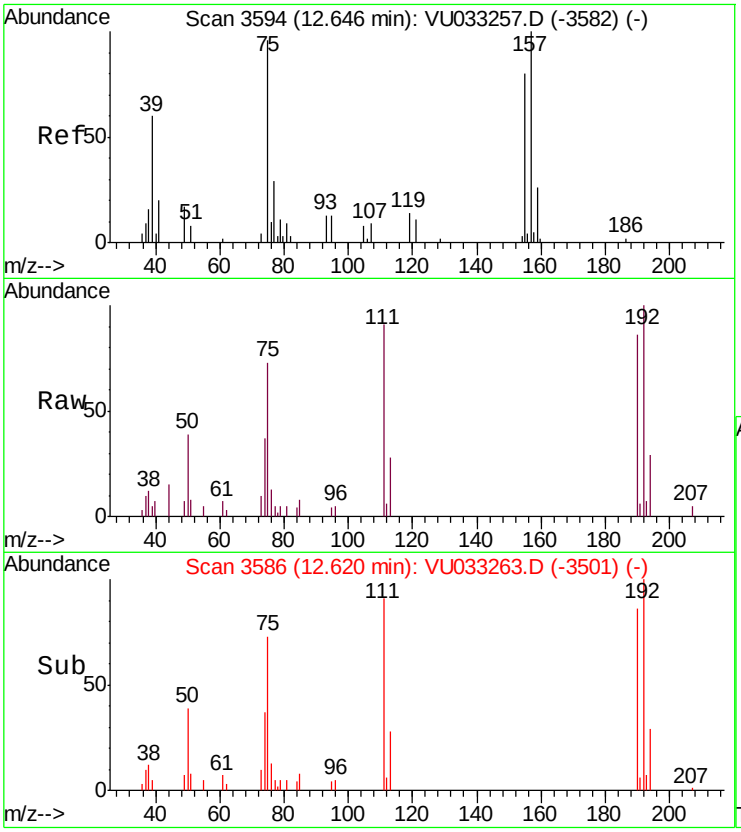


#65
1,2-Dichlorobenzene
Concen: 0.278 ug/L
RT: 11.86 min Scan# 3350
Delta R.T. -0.00 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Tgt Ion:146 Resp: 5428

Ion	Ratio	Lower	Upper
146	100		
111	50.6	34.2	51.4
148	67.0	52.0	78.0





#66
1,2-Dibromo-3-chloropropane
Concen: 3.277 ug/L
RT: 12.62 min Scan# 3586
Delta R.T. -0.03 min
Lab File: VU033263.D
Acq: 16 Jul 2019 14:57

Instrument :
MSVOA_U
ClientSampleId :
A52L6

Tgt Ion: 75 Resp: 4843

Ion	Ratio	Lower	Upper
75	100		
155	0.0	67.1	100.7#
157	0.0	83.7	125.5#