Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091819\

Quantitation Report (Not Reviewed)

Data File : VU034637.D
Acq On : 18 Sep 2019 00:31
Operator : JC/SP
Sample : K4865-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MP2

Quant Time: Sep 18 08:10:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	89622	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	84142	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	37215	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	39195	5.50	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.00%			
7) Chloroethane-d5	1.67	69	30637	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 105.80%			
11) 1,1-Dichloroethene-d2	2.26	63	53223	4.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.60%			
20) 2-Butanone-d5	4.19	46	111905	63.84	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 127.68%			
24) Chloroform-d	4.62	84	57470	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
26) 1,2-Dichloroethane-d4	5.29	65	35464	5.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.40%			
32) Benzene-d6	5.32	84	123900	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
36) 1,2-Dichloropropane-d6	6.31	67	41832	5.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.80%			
41) Toluene-d8	7.54	98	112227	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.00%			
43) trans-1,3-Dichloropropene-	7.83	79	16692	5.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 109.20%			
46) 2-Hexanone-d5	8.30	63	82118	60.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.72%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	35237	6.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 120.20%#			
64) 1,2-Dichlorobenzene-d4	11.84	152	34481	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1206	0.188	ug/L	98
8) Chloroethane	1.82	64	1676	0.429	ug/L #	52
13) Acetone	2.33	43	1509	1.114	ug/L	47
35) Methylcyclohexane	6.31	83	8866	0.968	ug/L #	16
37) 1,2-Dichloropropane	6.31	63	4505	0.641	ug/L #	92
44) trans-1,3-Dichloropropene	7.83	75	804	0.100	ug/L #	76
59) 1,2,3-Trichloropropane	11.46	75	7185	1.566	ug/L	97
62) 1,3-Dichlorobenzene	11.49	146	1799	0.165	ug/L	86
63) 1,4-Dichlorobenzene	11.49	146	1799	0.165	ug/L	82

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

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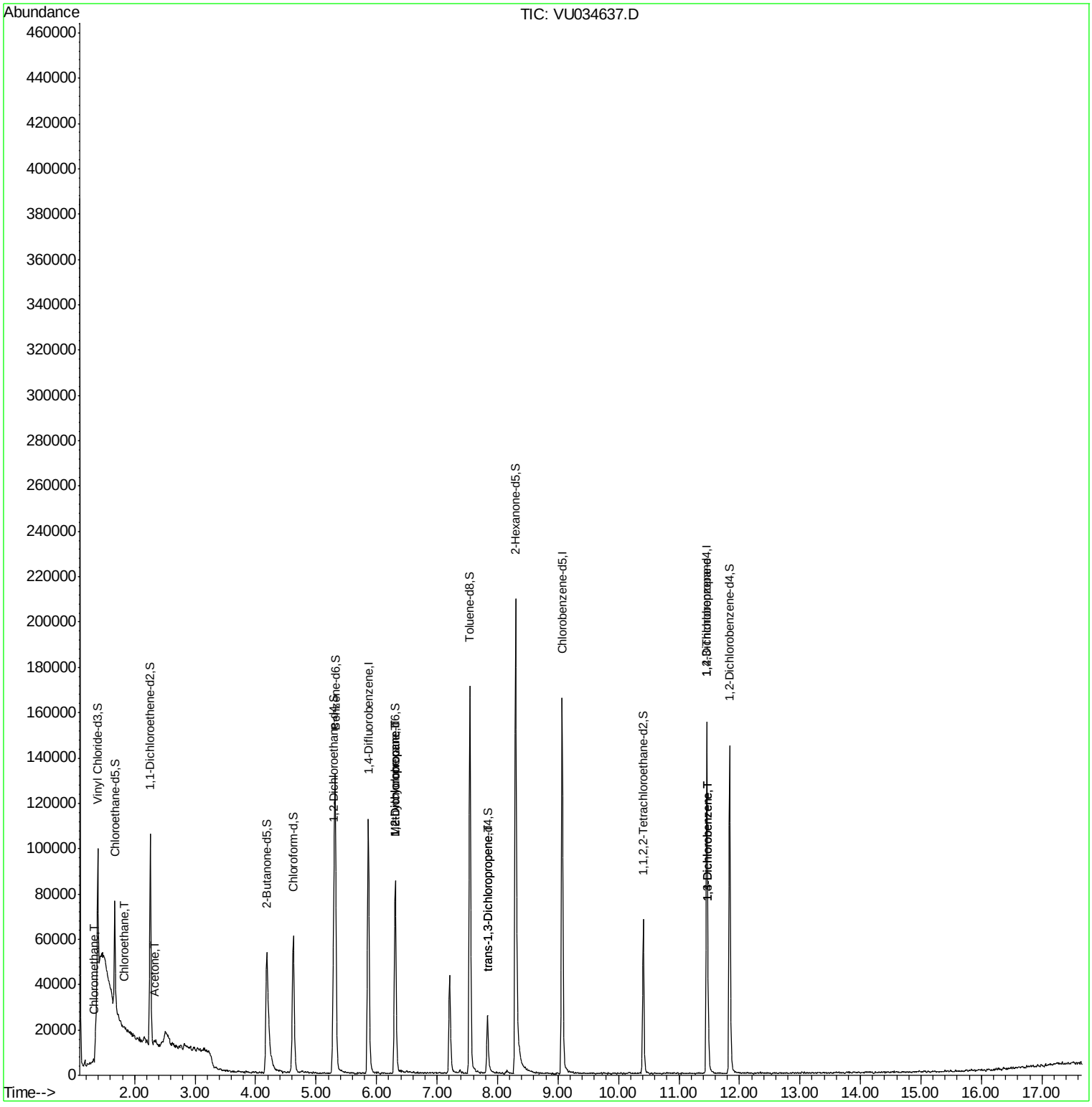
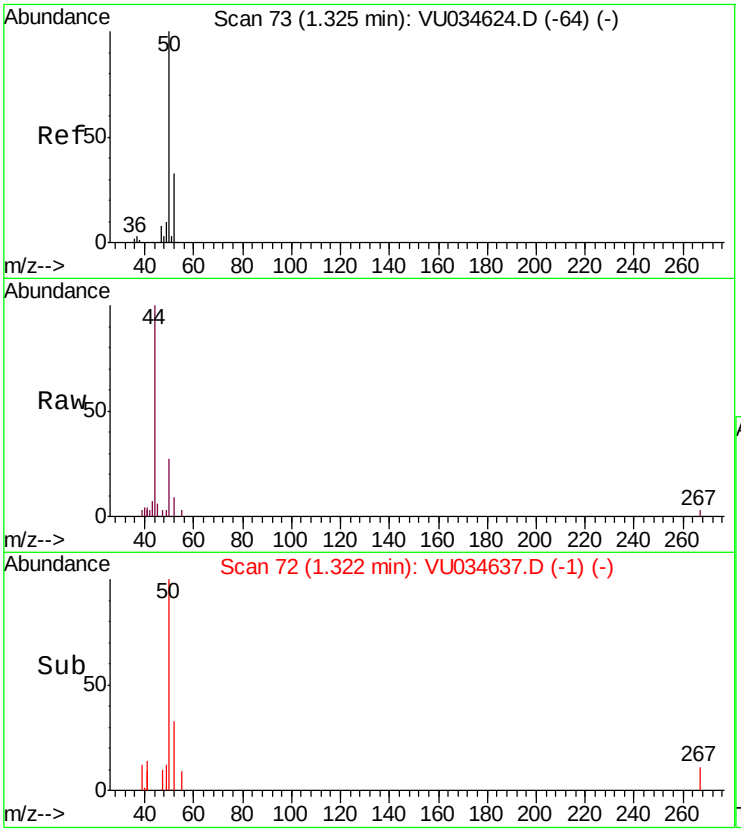
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration



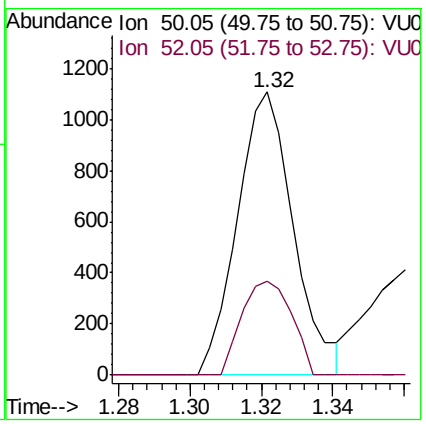


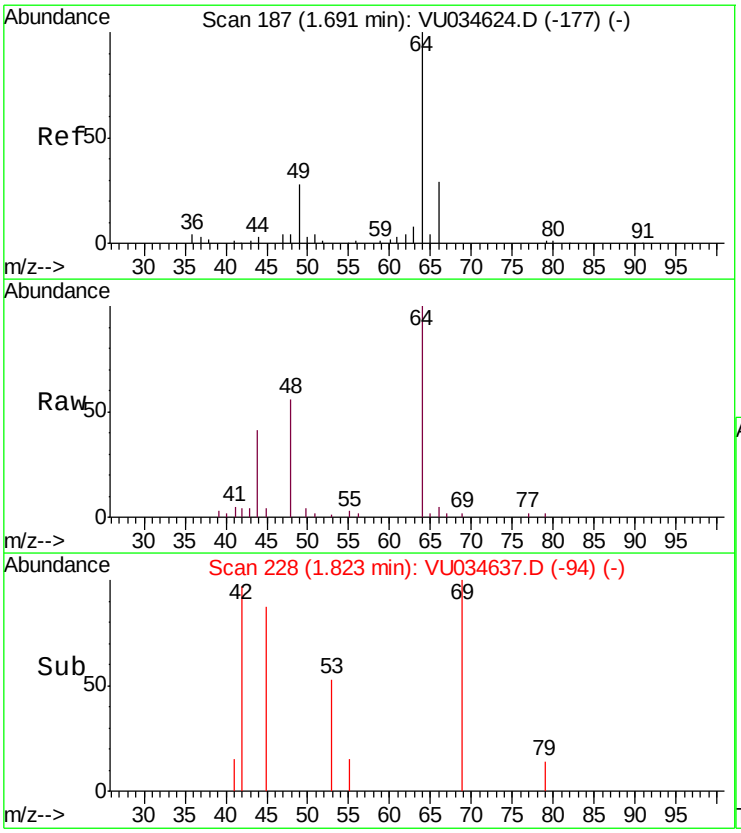
#3
Chloromethane
Concen: 0.188 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU034637.D
Acq: 18 Sep 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0MP2

Tgt Ion: 50 Resp: 1206

Ion	Ratio	Lower	Upper
50	100		
52	33.0	23.9	44.3

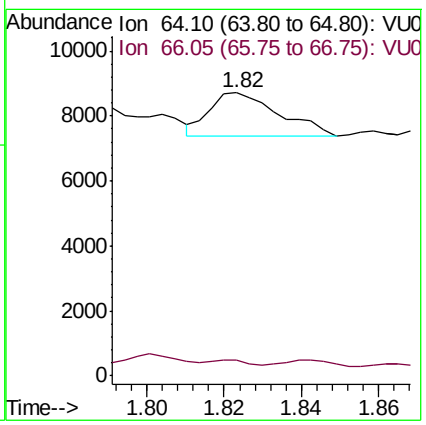


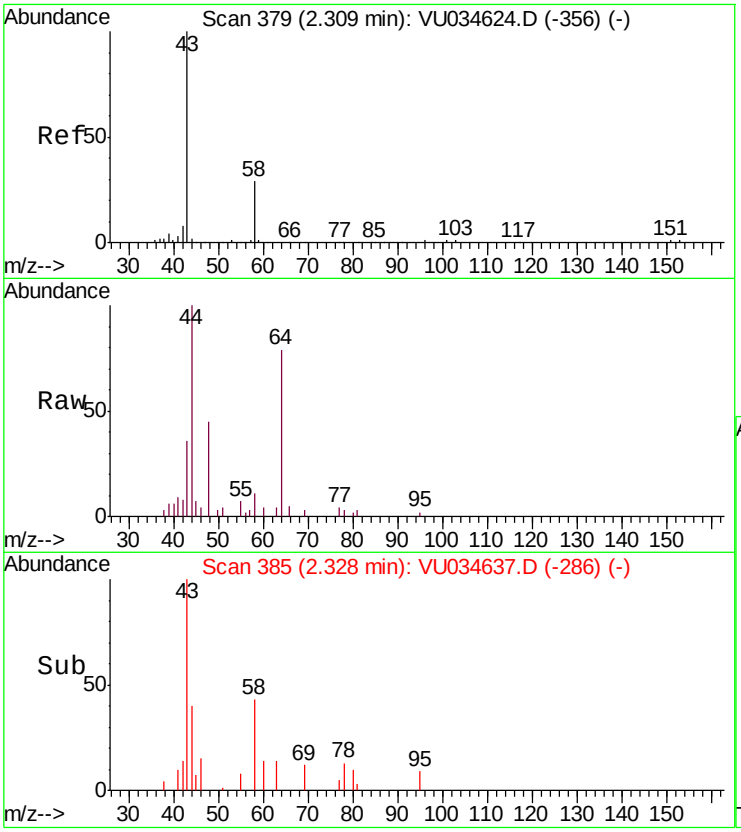


#8
Chloroethane
Concen: 0.429 ug/L
RT: 1.82 min Scan# 228
Delta R.T. 0.13 min
Lab File: VU034637.D
Acq: 18 Sep 2019 00:31

Tgt Ion: 64 Resp: 1676

Ion	Ratio	Lower	Upper
64	100		
66	5.4	22.6	42.0#



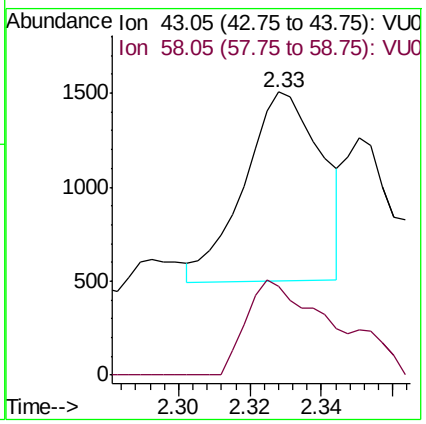


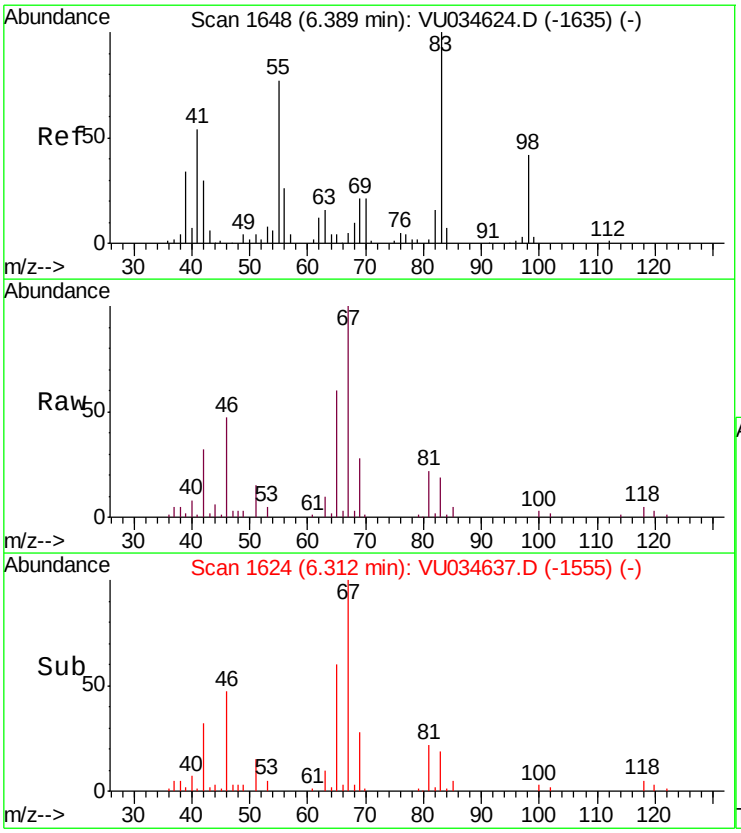
#13
Acetone
Concen: 1.114 ug/L
RT: 2.33 min Scan# 385
Delta R.T. 0.02 min
Lab File: VU034637.D
Acq: 18 Sep 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0MP2

Tgt Ion: 43 Resp: 1509

Ion	Ratio	Lower	Upper
43	100		
58	56.9	0.0	57.8

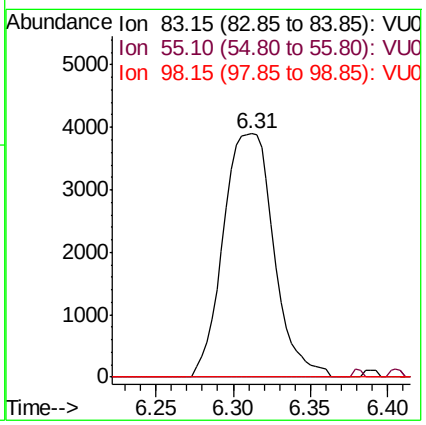


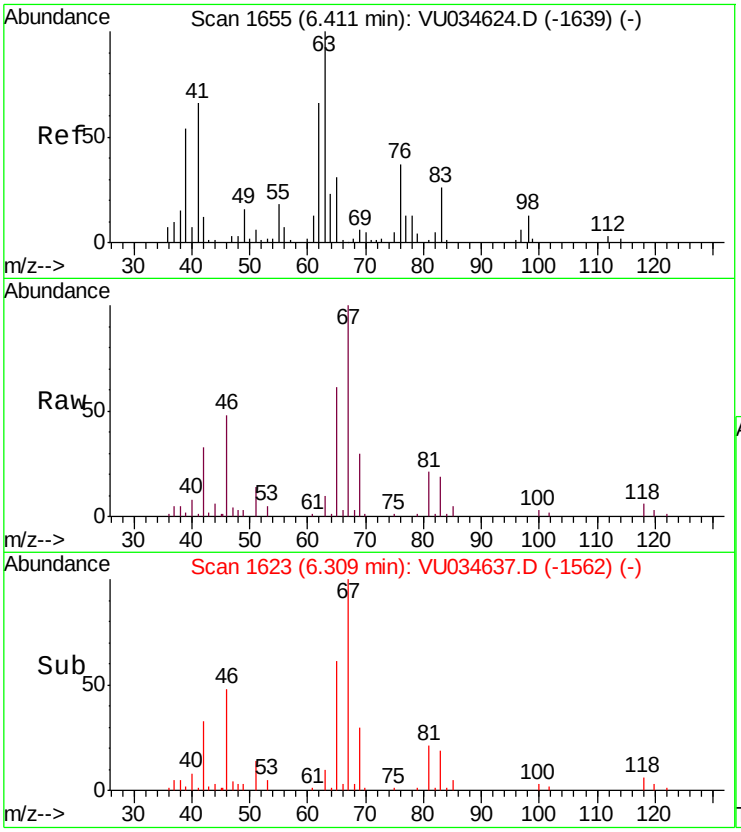


#35
Methylcyclohexane
Concen: 0.968 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU034637.D
Acq: 18 Sep 2019 00:31

Tgt Ion: 83 Resp: 8866

Ion	Ratio	Lower	Upper
83	100		
55	0.5	66.8	100.2#
98	0.0	35.4	53.0#



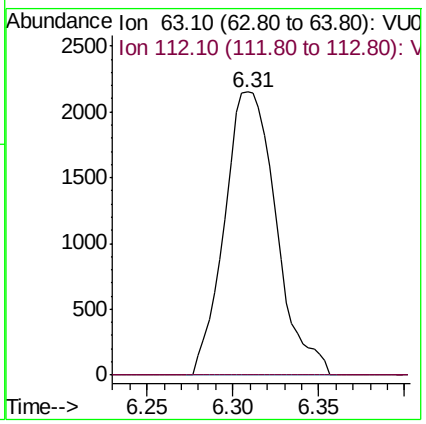


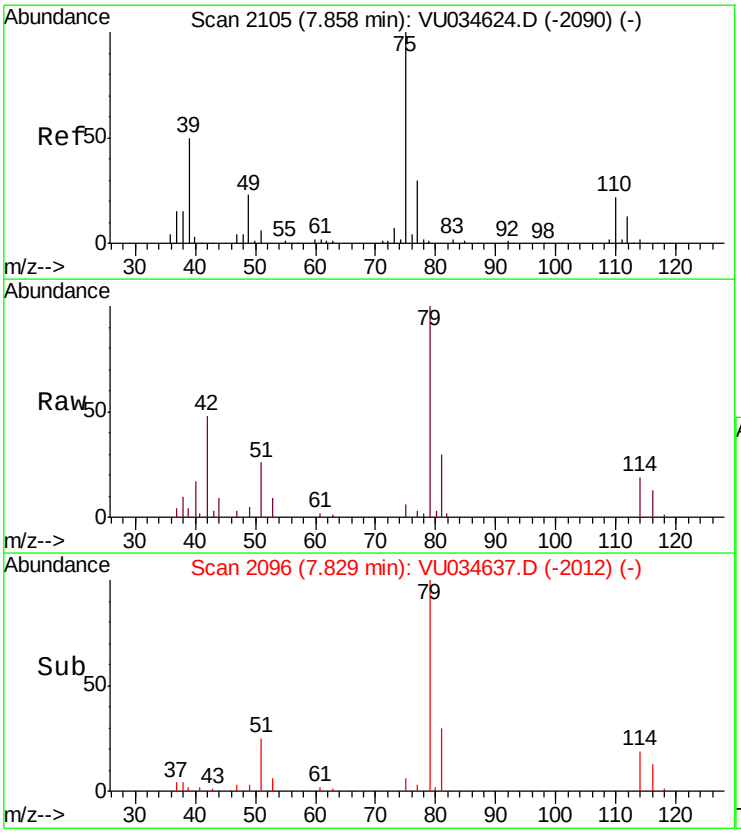
#37
1,2-Dichloropropane
Concen: 0.641 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU034637.D
Acq: 18 Sep 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0MP2

Tgt Ion: 63 Resp: 4505

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.2	3.2#

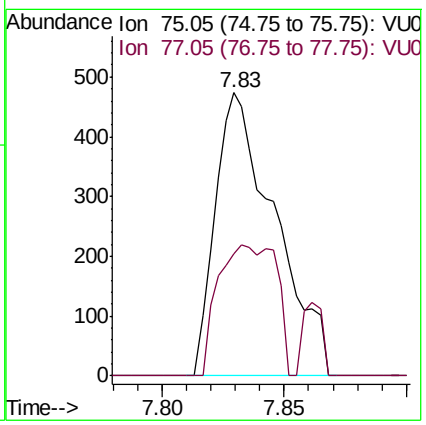


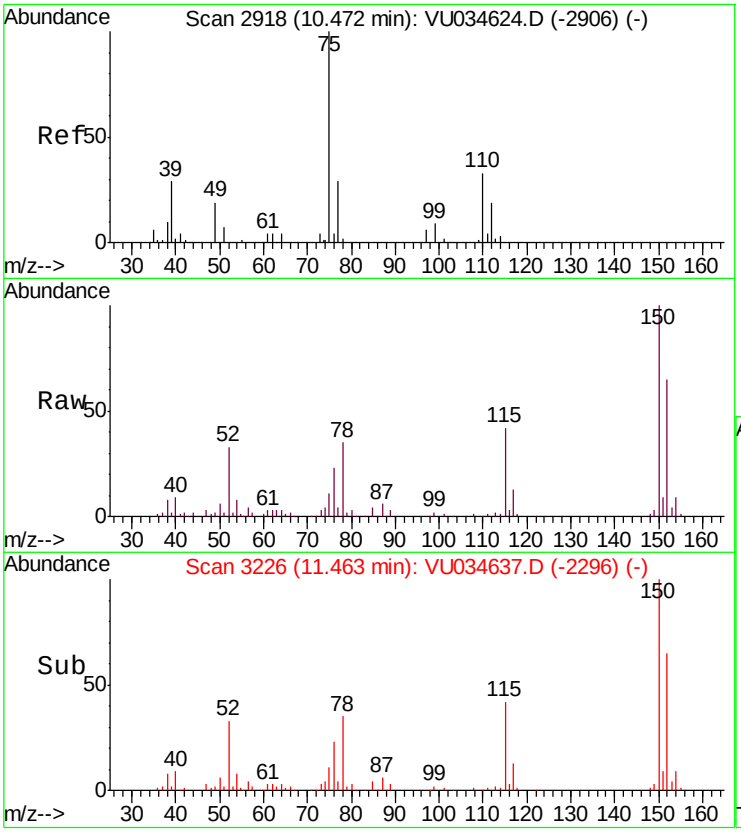


#44
trans-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU034637.D
Acq: 18 Sep 2019 00:31

Tgt Ion: 75 Resp: 804

Ion	Ratio	Lower	Upper
75	100		
77	43.3	21.1	39.3#



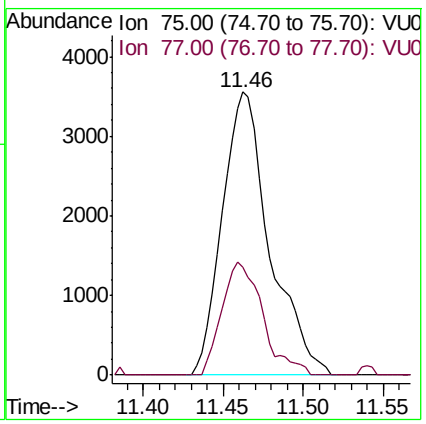


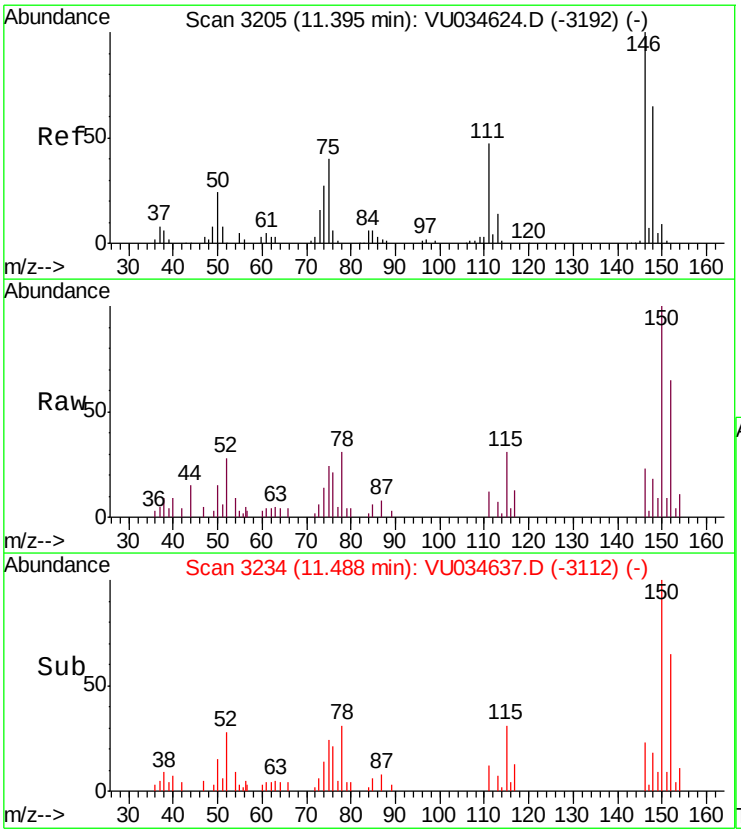
#59
1,2,3-Trichloropropane
Concen: 1.566 ug/L
RT: 11.46 min Scan# 3226
Delta R.T. 0.99 min
Lab File: VU034637.D
Acq: 18 Sep 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0MP2

Tgt Ion: 75 Resp: 7185

Ion	Ratio	Lower	Upper
75	100		
77	34.4	26.0	39.0

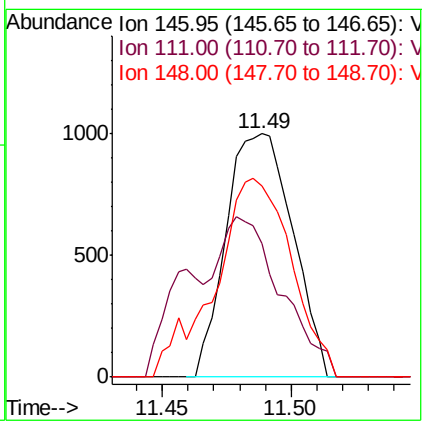


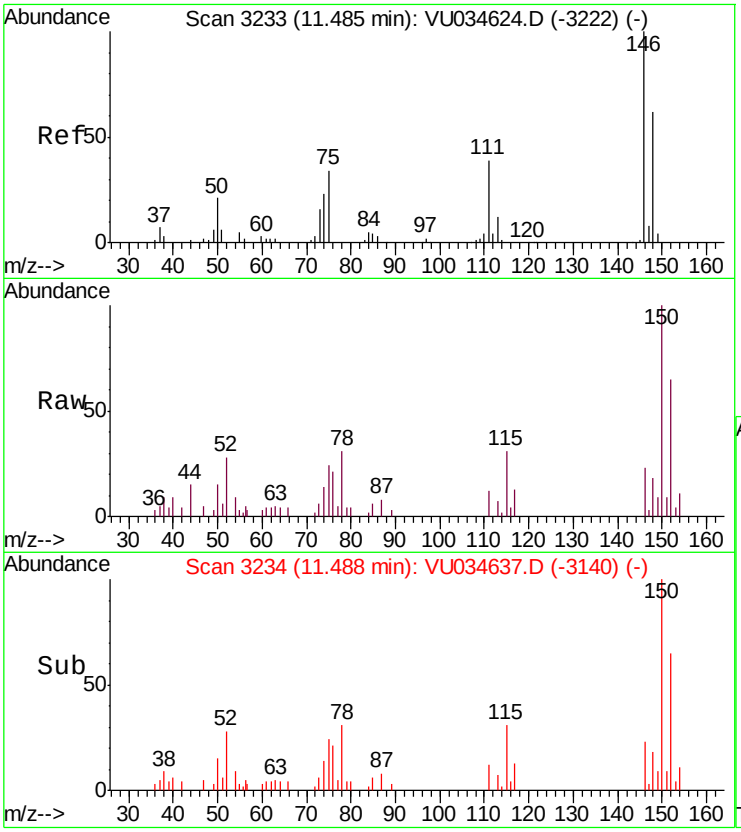


#62
1,3-Dichlorobenzene
Concen: 0.165 ug/L
RT: 11.49 min Scan# 3234
Delta R.T. 0.09 min
Lab File: VU034637.D
Acq: 18 Sep 2019 00:31

Tgt Ion:146 Resp: 1799

Ion	Ratio	Lower	Upper
146	100		
111	54.8	32.8	61.0
148	78.5	45.9	85.3





#63
1,4-Dichlorobenzene
Concen: 0.165 ug/L
RT: 11.49 min Scan# 3234
Delta R.T. 0.00 min
Lab File: VU034637.D
Acq: 18 Sep 2019 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0MP2

Tgt Ion:146 Resp: 1799

Ion	Ratio	Lower	Upper
146	100		
111	54.8	30.2	56.2
148	78.5	45.4	84.4