Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061419\

Quantitation Report (Not Reviewed)

Data File : VU032762.D
Acq On : 15 Jun 2019 08:29
Operator : JC/SP
Sample : K3385-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0MA1

Quant Time: Jun 17 01:30:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 01:26:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	95115	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89093	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44333	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	25906	4.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.80%			
7) Chloroethane-d5	1.67	69	23423	4.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.60%			
11) 1,1-Dichloroethene-d2	2.27	63	42058	3.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.00%			
20) 2-Butanone-d5	4.18	46	103545	60.00	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 120.00%			
24) Chloroform-d	4.64	84	60015	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.20%			
26) 1,2-Dichloroethane-d4	5.30	65	34614	5.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 119.60%			
32) Benzene-d6	5.33	84	112407	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.32	67	36901	5.41	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.20%			
41) Toluene-d8	7.56	98	95016	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	7.85	79	13507	4.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.60%			
46) 2-Hexanone-d5	8.31	63	77636	53.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.22%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	34040	5.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 118.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	40903	5.13	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.60%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2097	0.248	ug/L	100
12) 1,1-Dichloroethene	2.28	96	1188	0.197	ug/L #	1
13) Acetone	2.32	43	4146	3.095	ug/L	98
15) Methyl Acetate	2.44	43	14558	3.961	ug/L #	53
19) 1,1-Dichloroethane	3.44	63	1325	0.114	ug/L #	76
22) cis-1,2-Dichloroethene	4.22	96	1360	0.184	ug/L	80
25) Chloroform	4.67	83	3255	0.273	ug/L	83
35) Methylcyclohexane	6.32	83	8317	0.684	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4250	0.625	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	706	0.085	ug/L	97
48) 2-Hexanone	8.31	43	9862	2.853	ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	5460	1.223	ug/L	91

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

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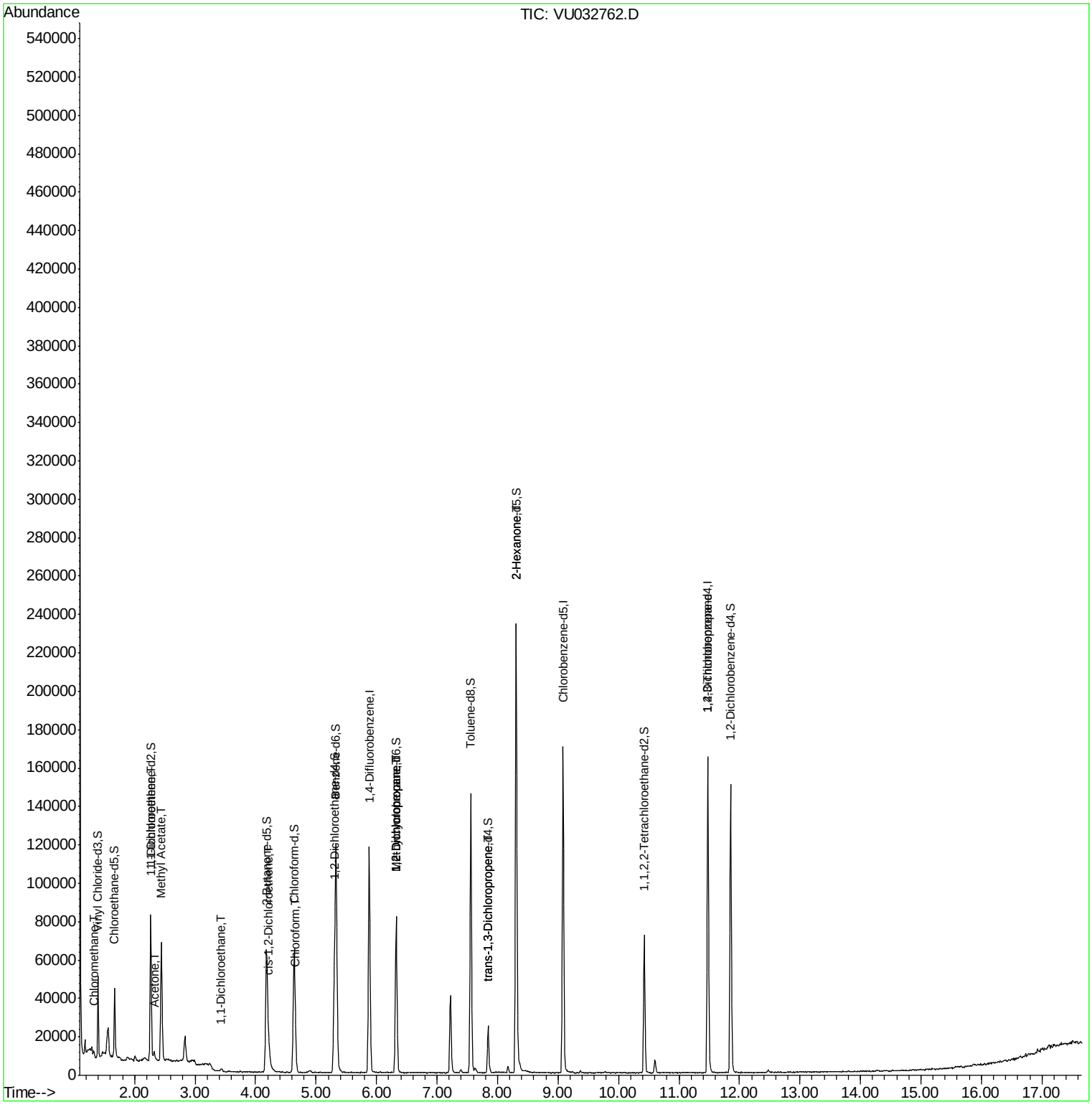
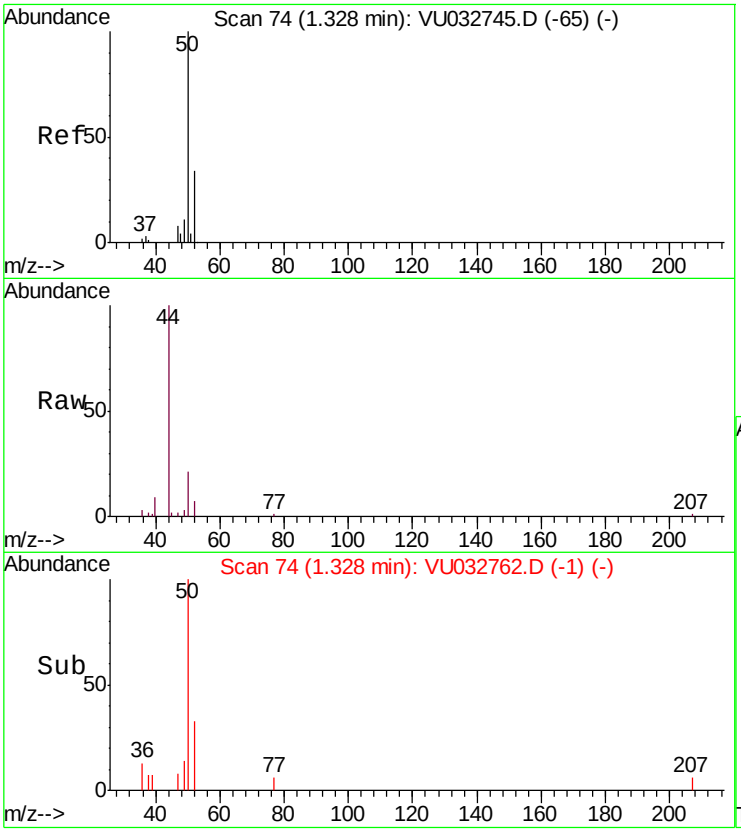
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 17 01:26:50 2019
Response via : Initial Calibration



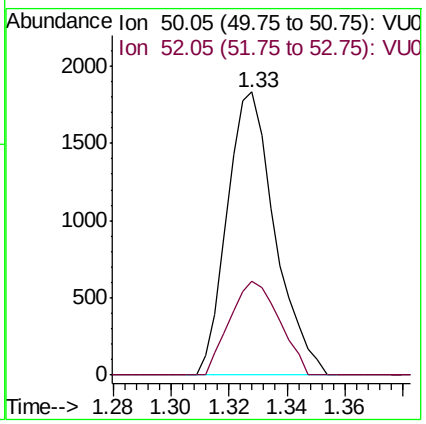


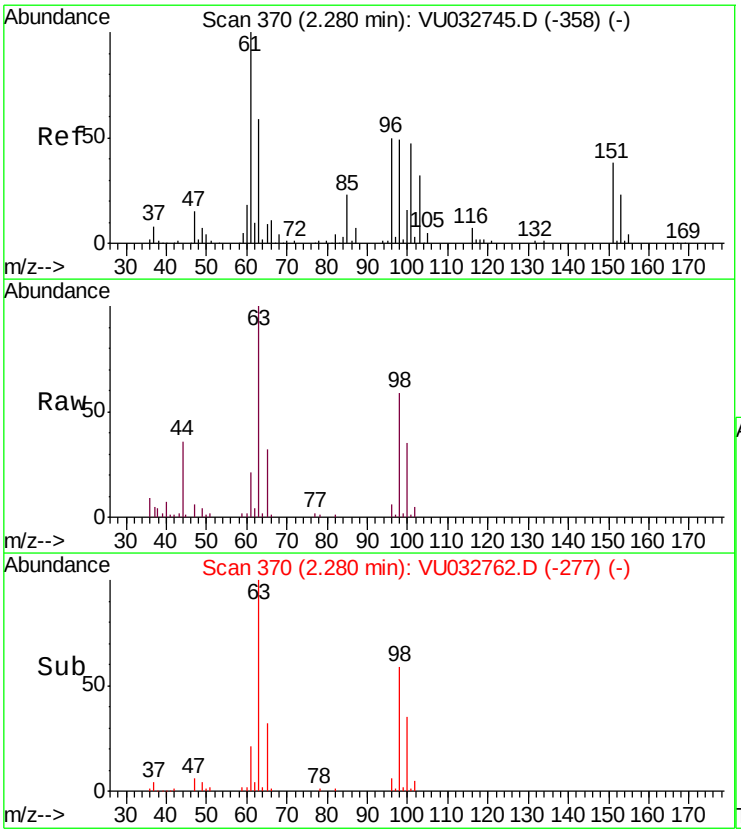
#3
Chloromethane
Concen: 0.248 ug/L
RT: 1.33 min Scan# 74
Delta R.T. -0.00 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Instrument : MSVOA_U
ClientSampleId : C0MA1

Tgt Ion: 50 Resp: 2097

Ion	Ratio	Lower	Upper
50	100		
52	33.0	23.2	43.2

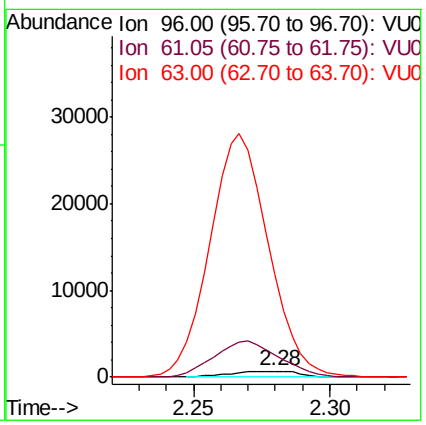


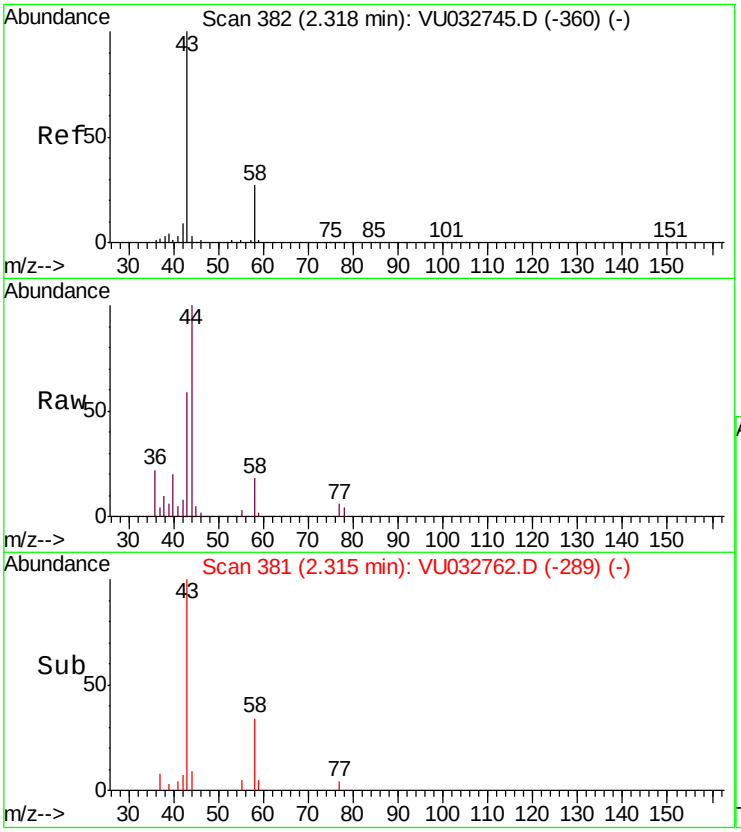


#12
1,1-Dichloroethene
Concen: 0.197 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Tgt Ion: 96 Resp: 1188

Ion	Ratio	Lower	Upper
96	100		
61	370.0	131.8	244.8#
63	1741.7	90.1	167.3#



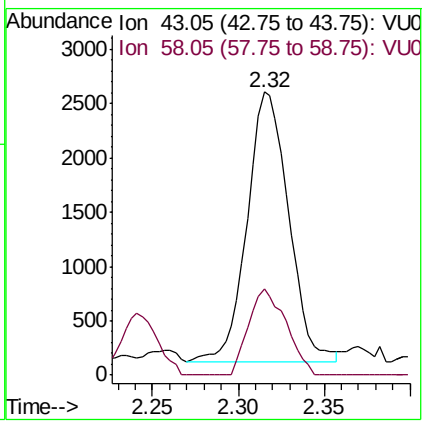


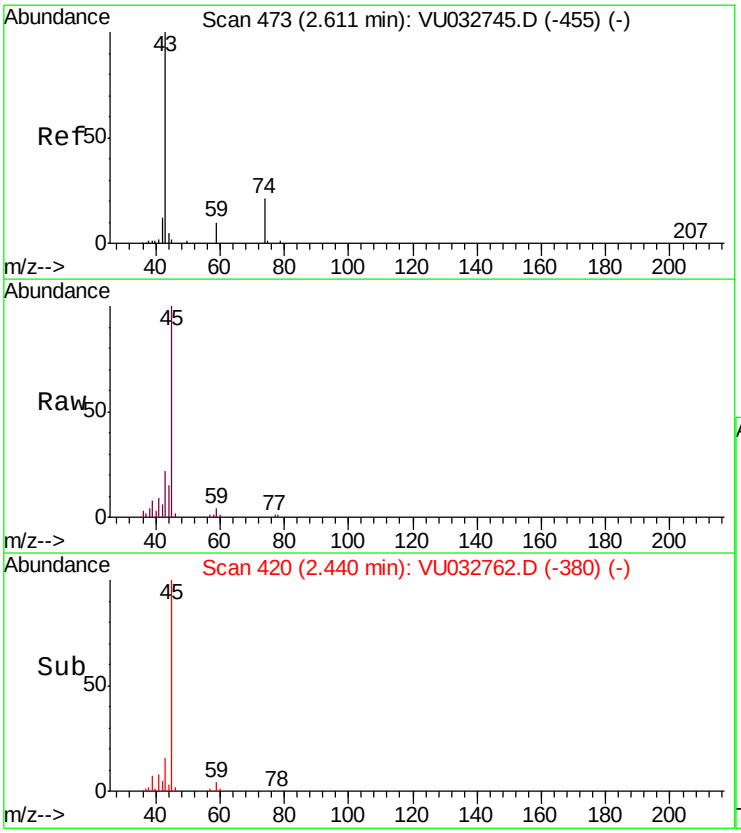
#13
Acetone
Concen: 3.095 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Instrument :
MSVOA_U
ClientSampleId :
C0MA1

Tgt Ion: 43 Resp: 4146

Ion	Ratio	Lower	Upper
43	100		
58	29.1	0.0	60.8

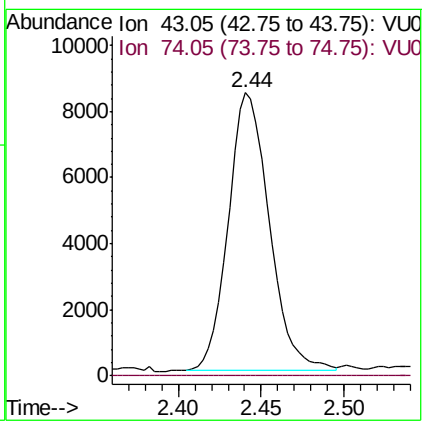


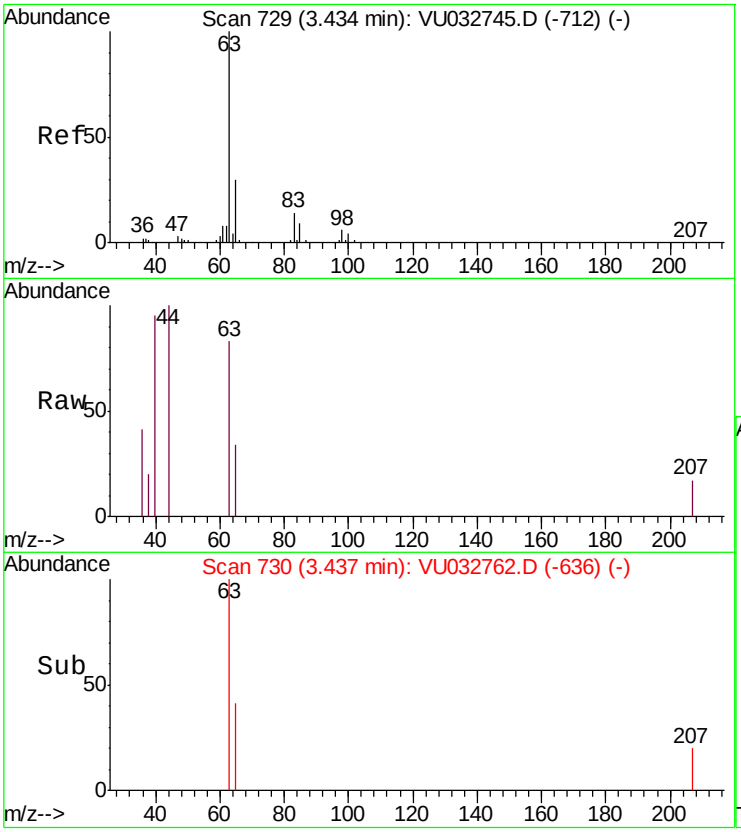


#15
Methyl Acetate
Concen: 3.961 ug/L
RT: 2.44 min Scan# 420
Delta R.T. -0.17 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Tgt Ion: 43 Resp: 14558

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.8#



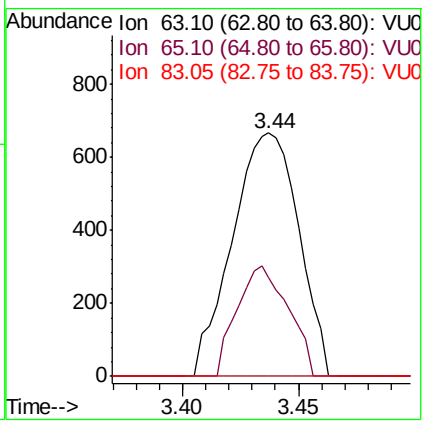


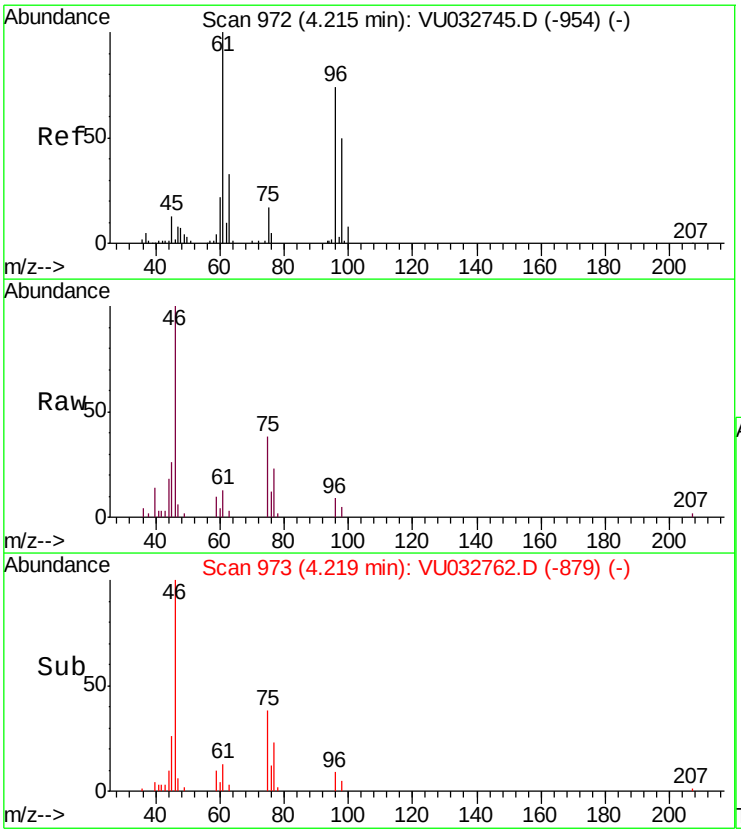
#19
1,1-Dichloroethane
Concen: 0.114 ug/L
RT: 3.44 min Scan# 730
Delta R.T. 0.00 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Instrument : MSVOA_U
ClientSampleId : C0MA1

Tgt Ion: 63 Resp: 1325

Ion	Ratio	Lower	Upper
63	100		
65	40.8	21.3	39.6#
83	0.0	10.1	18.7#

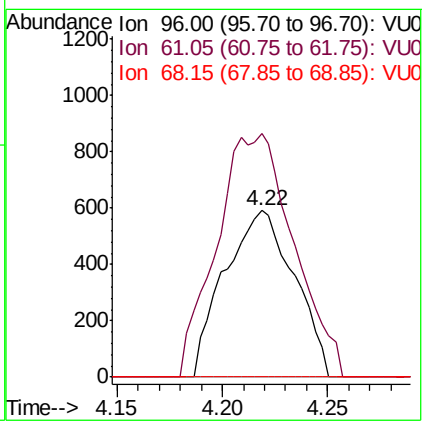


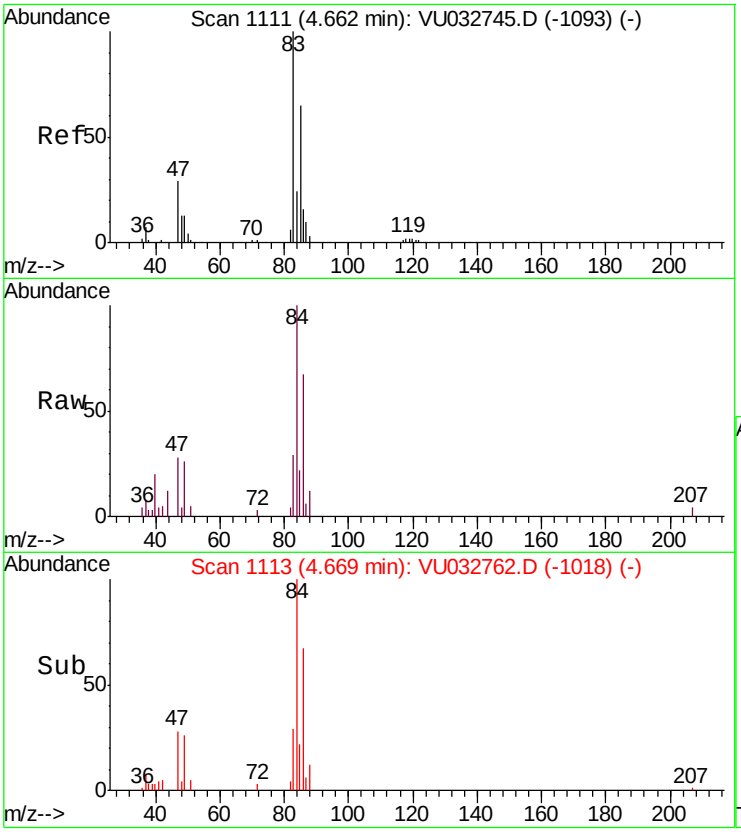


#22
cis-1,2-Dichloroethene
Concen: 0.184 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Tgt Ion: 96 Resp: 1360

Ion	Ratio	Lower	Upper
96	100		
61	146.1	86.6	160.8
68	0.0	0.0	0.0



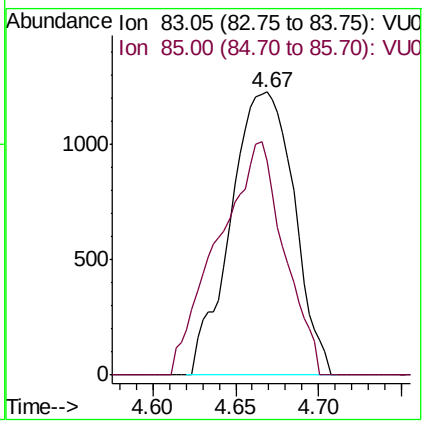


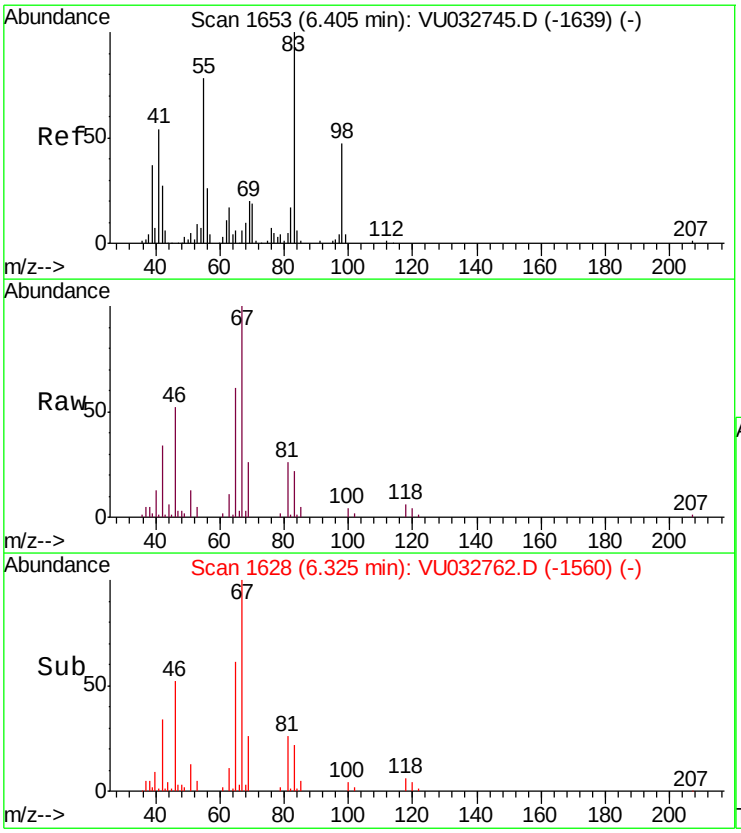
#25
Chloroform
Concen: 0.273 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Instrument :
MSVOA_U
ClientSampleId :
C0MA1

Tgt Ion: 83 Resp: 3255

Ion	Ratio	Lower	Upper
83	100		
85	75.5	43.8	81.3

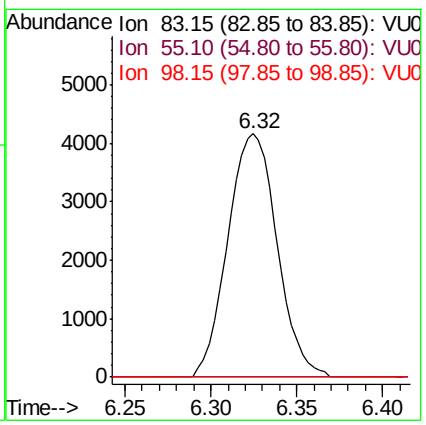


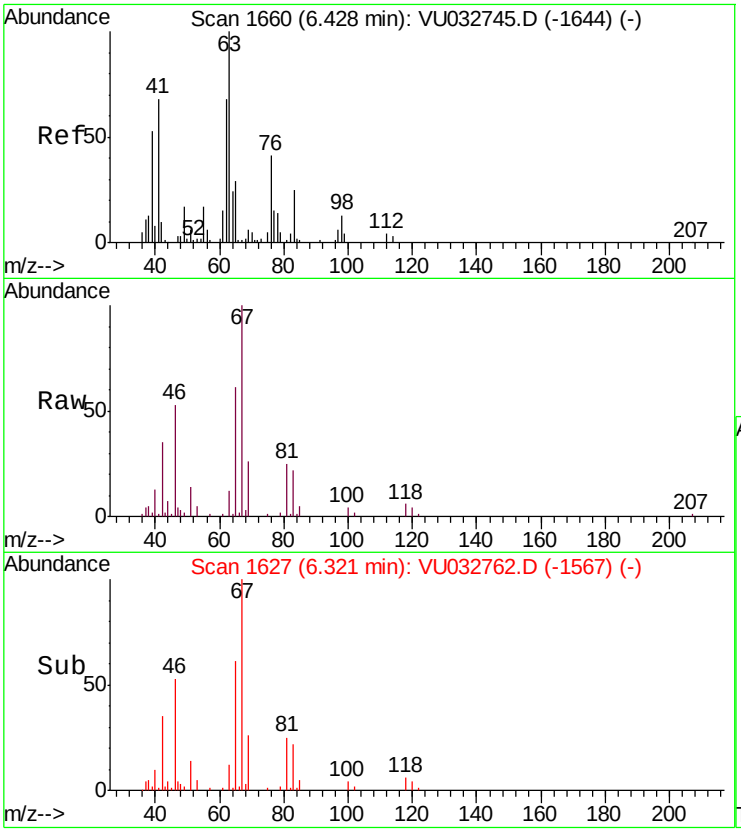


#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Tgt Ion: 83 Resp: 8317

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.0	90.0#
98	0.5	37.8	56.8#



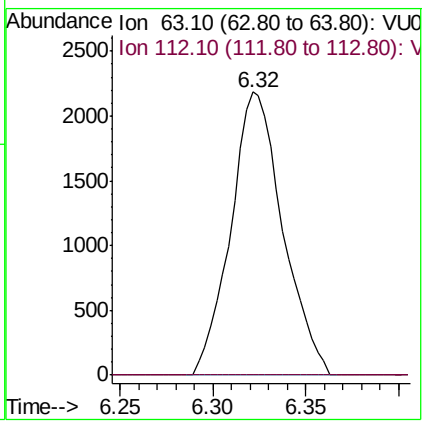


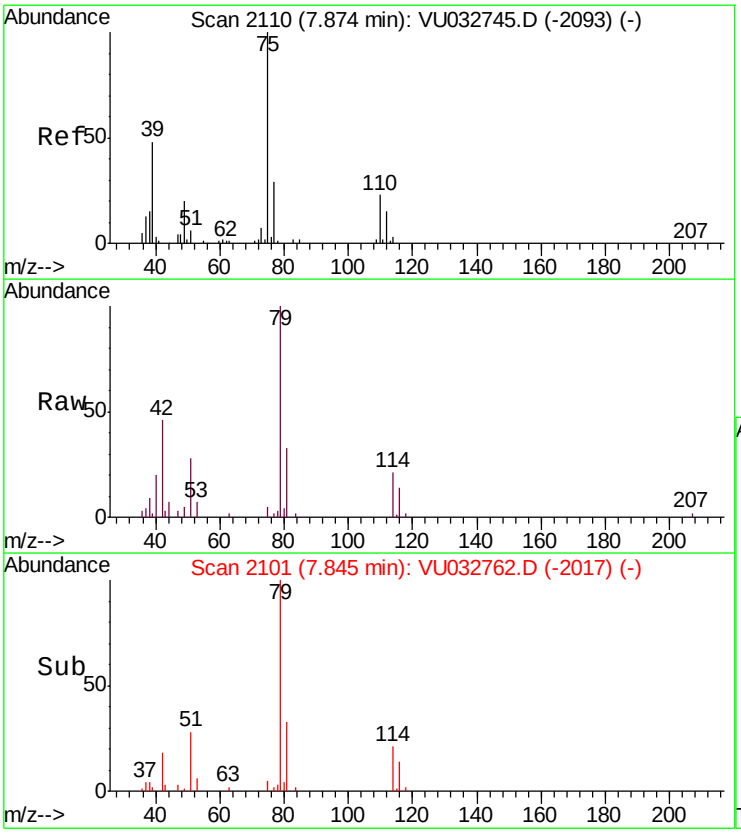
#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Instrument : MSVOA_U
ClientSampleId : C0MA1

Tgt Ion: 63 Resp: 4250

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

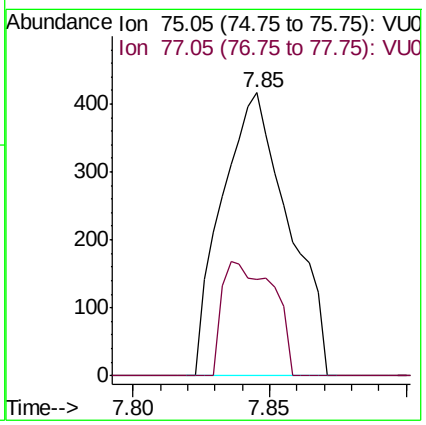


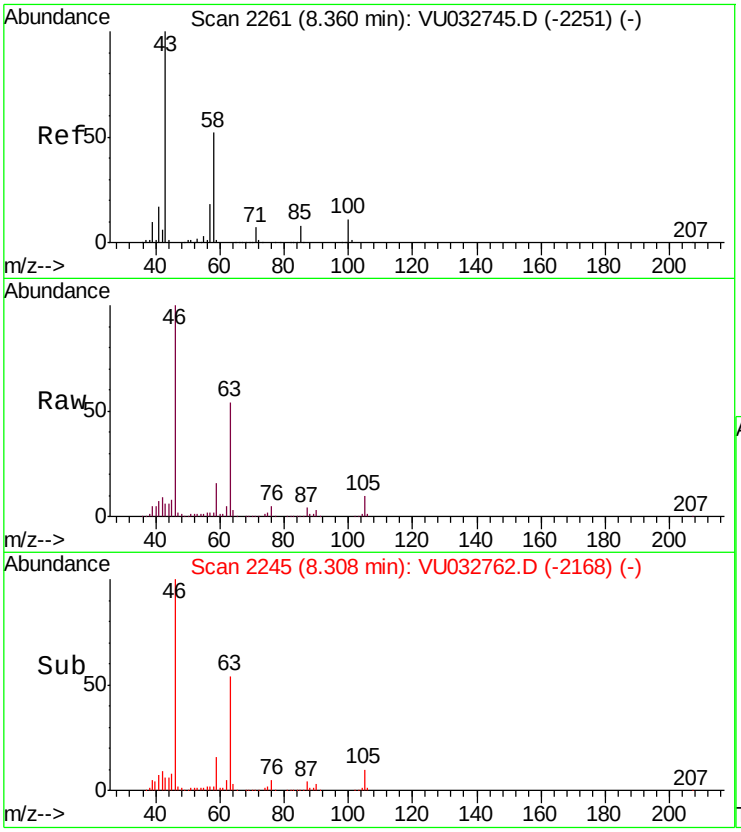


#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Tgt Ion: 75 Resp: 706

Ion	Ratio	Lower	Upper
75	100		
77	34.1	22.5	41.7



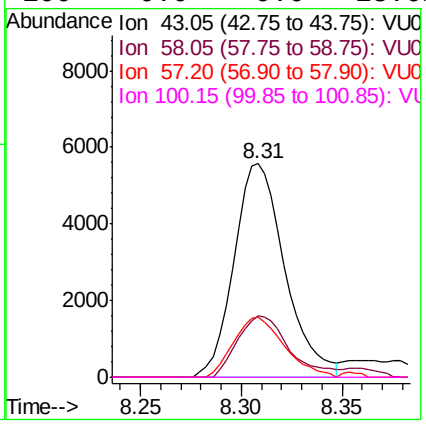


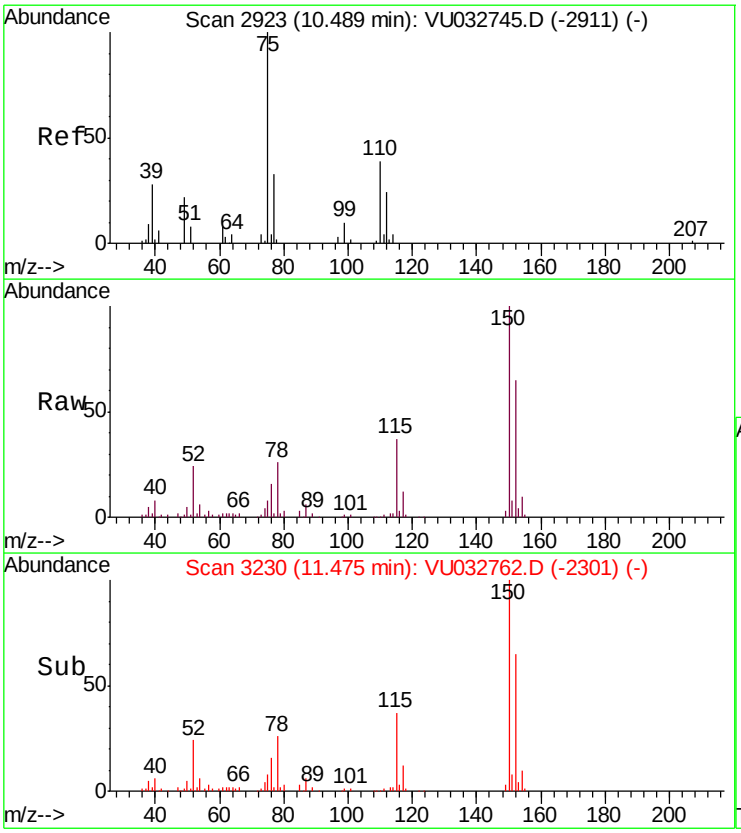
#48
2-Hexanone
Concen: 2.853 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Instrument :
MSVOA_U
ClientSampleId :
C0MA1

Tgt Ion: 43 Resp: 9862

Ion	Ratio	Lower	Upper
43	100		
58	29.0	41.9	62.9#
57	28.0	15.1	22.7#
100	0.0	9.0	13.6#





#59
1,2,3-Trichloropropane
Concen: 1.223 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032762.D
Acq: 15 Jun 2019 08:29

Tgt Ion: 75 Resp: 5460

Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.3	37.9