Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\

Quantitation Report (Not Reviewed)

Data File : VU029455.D
Acq On : 14 Feb 2019 14:11
Operator : JC/SP
Sample : K1436-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXA8

Quant Time: Feb 15 00:48:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194279	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181962	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95927	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	50954	3.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.00%			
7) Chloroethane-d5	1.68	69	50293	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.27	63	91325	3.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.40%			
20) 2-Butanone-d5	4.19	46	135234	49.83	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.66%			
24) Chloroform-d	4.65	84	97472	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.31	65	51158	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.34	84	202796	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%			
36) 1,2-Dichloropropane-d6	6.33	67	62533	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.56	98	195349	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
43) trans-1,3-Dichloropropene-	7.85	79	25625	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.31	63	136665	51.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.80%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	52109	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	88698	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
8) Chloroethane	1.82	64	1030	0.085	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	839	0.050	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1136	0.071	ug/L #	1
13) Acetone	2.32	43	4353	1.766	ug/L	83
15) Methyl Acetate	2.45	43	14389	2.278	ug/L #	47
25) Chloroform	4.68	83	3624	0.141	ug/L	81
27) 1,2-Dichloroethane	5.34	62	868	0.058	ug/L #	72
35) Methylcyclohexane	6.33	83	14877	0.587	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	6627	0.494	ug/L #	87
42) Toluene	7.64	91	2061	0.034	ug/L	97
48) 2-Hexanone	8.36	43	2010	0.357	ug/L #	92
59) 1,2,3-Trichloropropane	11.48	75	8920	1.037	ug/L	96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\

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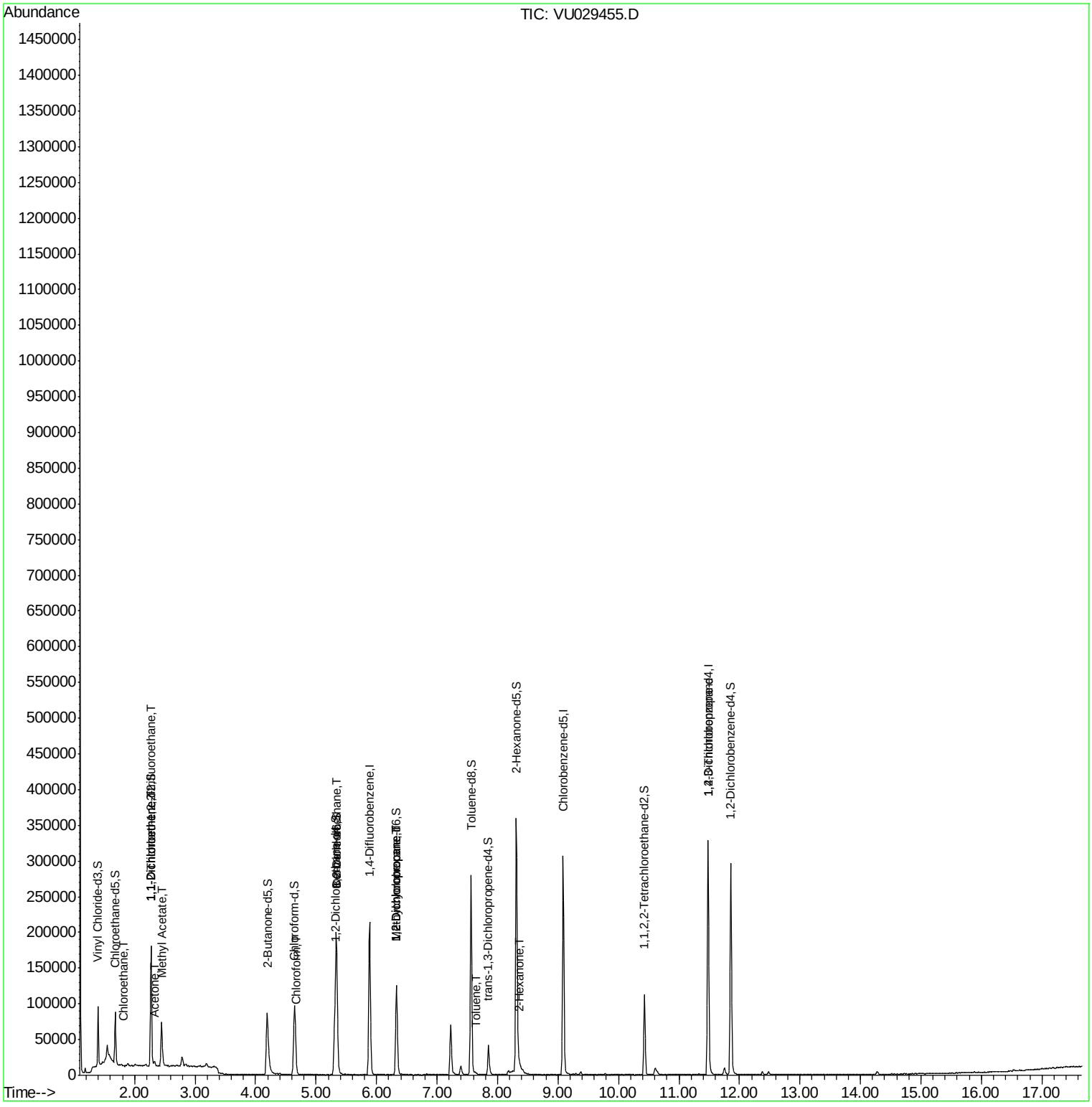
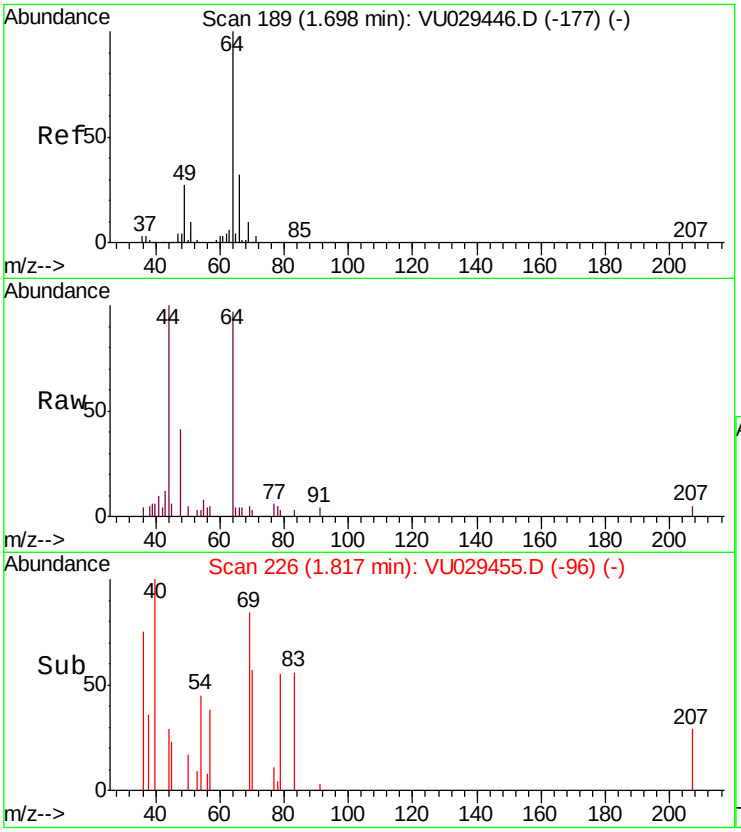
ClientSampleId : ESXA8

Quant Time: Feb 15 00:48:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 00:42:37 2019
Response via : Initial Calibration



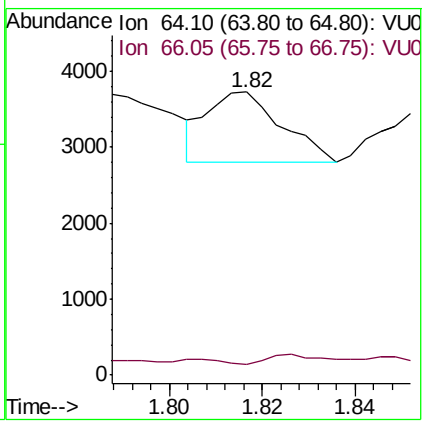


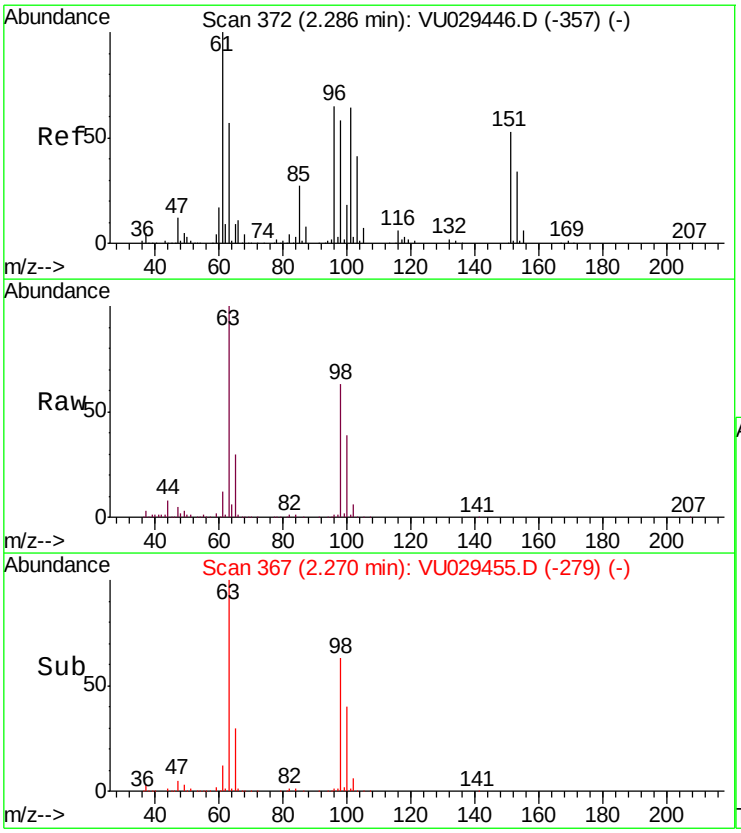
#8
Chloroethane
Concen: 0.085 ug/L
RT: 1.82 min Scan# 226
Delta R.T. 0.12 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Instrument :
MSVOA_U
ClientSampleId :
ESXA8

Tgt Ion: 64 Resp: 1030

Ion	Ratio	Lower	Upper
64	100		
66	3.9	22.0	40.8#

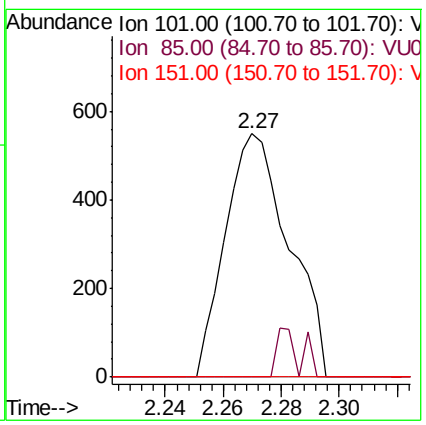


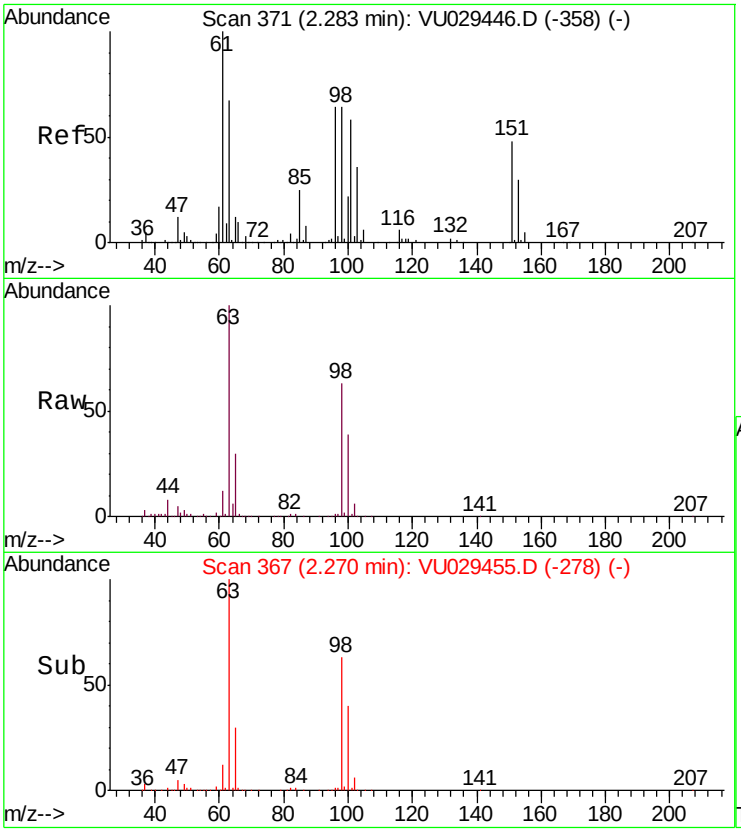


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.050 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Tgt Ion:101 Resp: 839

Ion	Ratio	Lower	Upper
101	100		
85	7.4	35.1	52.7#
151	0.0	67.0	100.6#



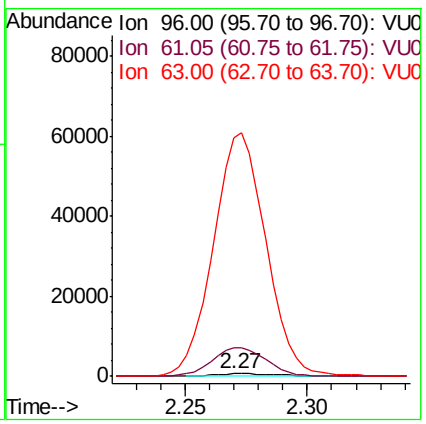


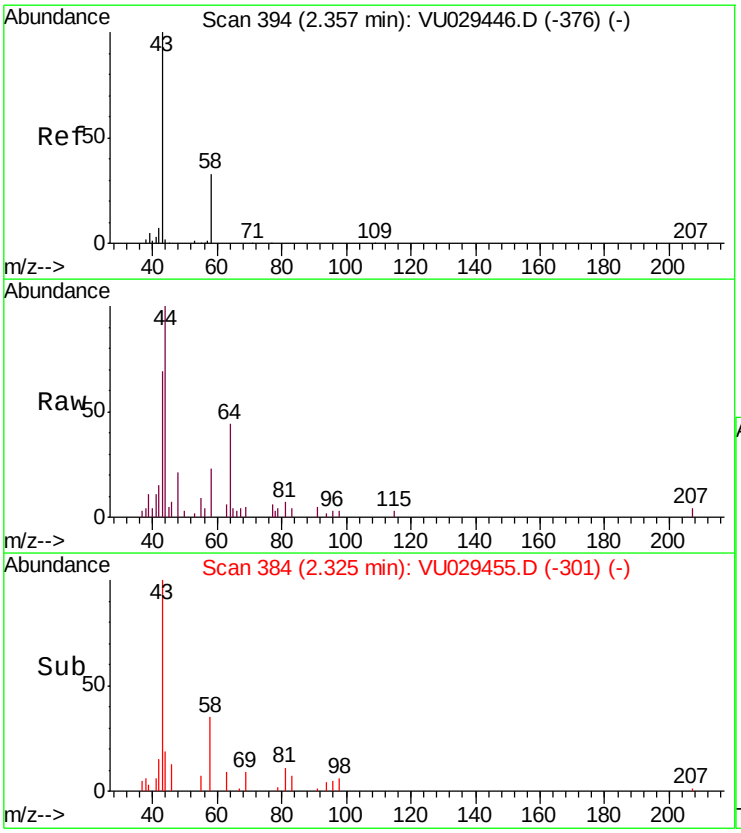
#12
1,1-Dichloroethene
Concen: 0.071 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Instrument :
MSVOA_U
ClientSampleId :
ESXA8

Tgt Ion: 96 Resp: 1136

Ion	Ratio	Lower	Upper
96	100		
61	1075.2	115.1	213.7#
63	9171.7	83.5	155.1#

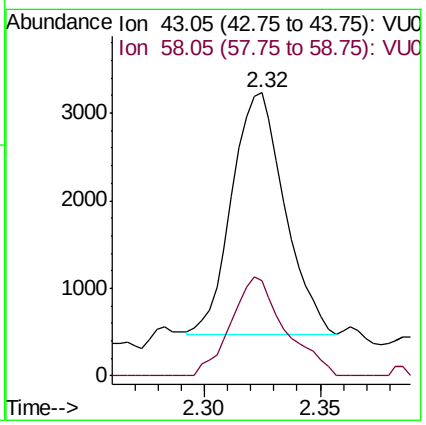


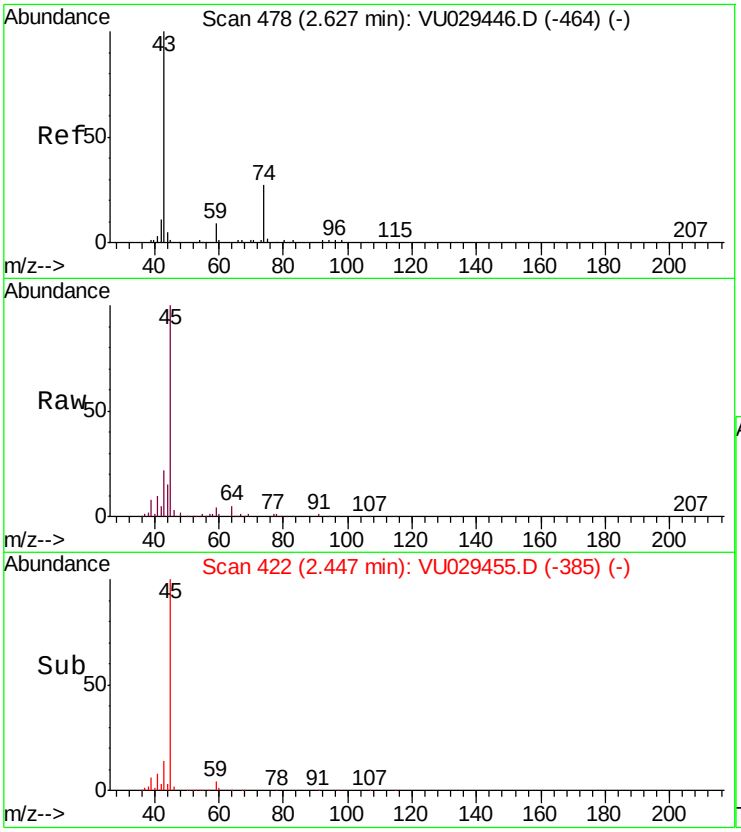


#13
Acetone
Concen: 1.766 ug/L
RT: 2.32 min Scan# 384
Delta R.T. -0.03 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Tgt Ion: 43 Resp: 4353

Ion	Ratio	Lower	Upper
43	100		
58	42.0	0.0	65.0



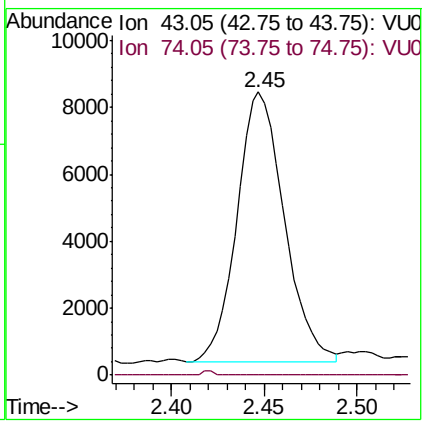


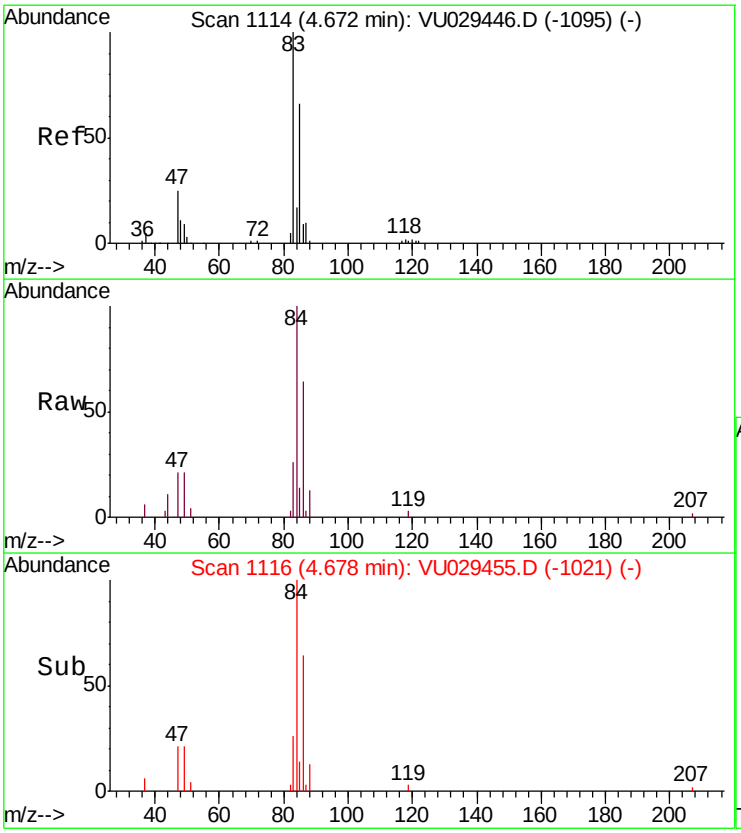
#15
Methyl Acetate
Concen: 2.278 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.18 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Instrument :
MSVOA_U
ClientSampleId :
ESXA8

Tgt Ion: 43 Resp: 14389

Ion	Ratio	Lower	Upper
43	100		
74	0.3	22.3	33.5#

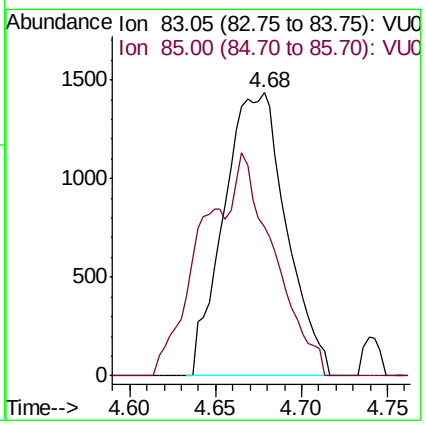


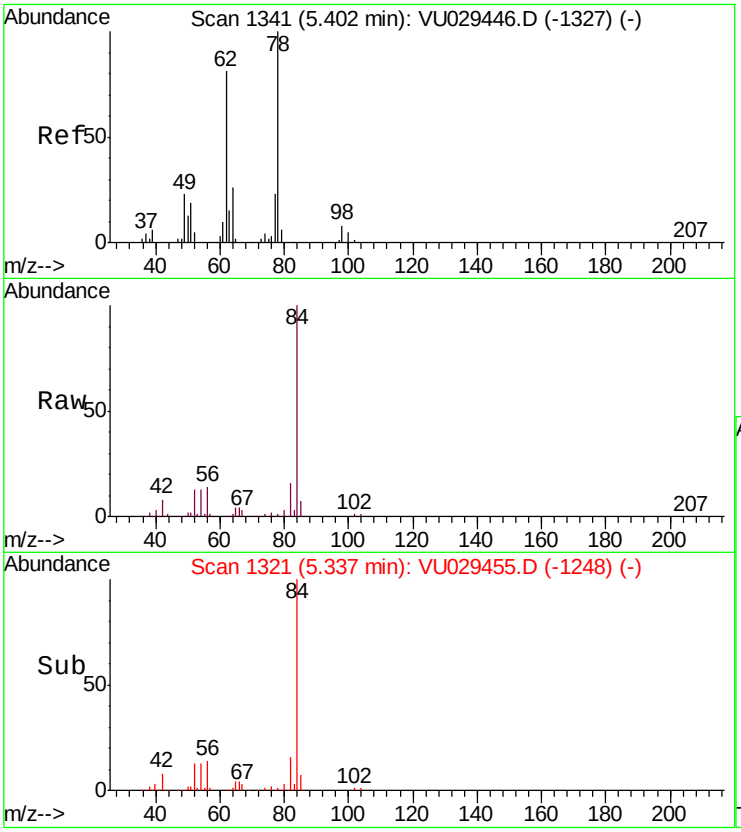


#25
Chloroform
Concen: 0.141 ug/L
RT: 4.68 min Scan# 1116
Delta R.T. 0.01 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Tgt Ion: 83 Resp: 3624

Ion	Ratio	Lower	Upper
83	100		
85	52.6	47.8	88.8



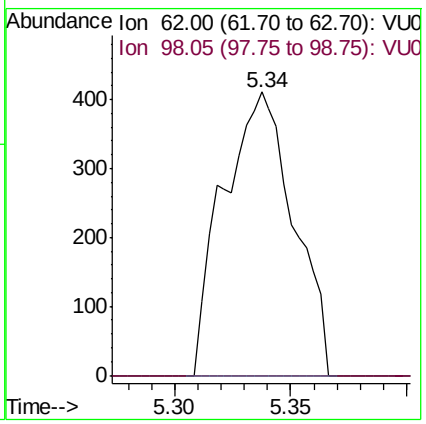


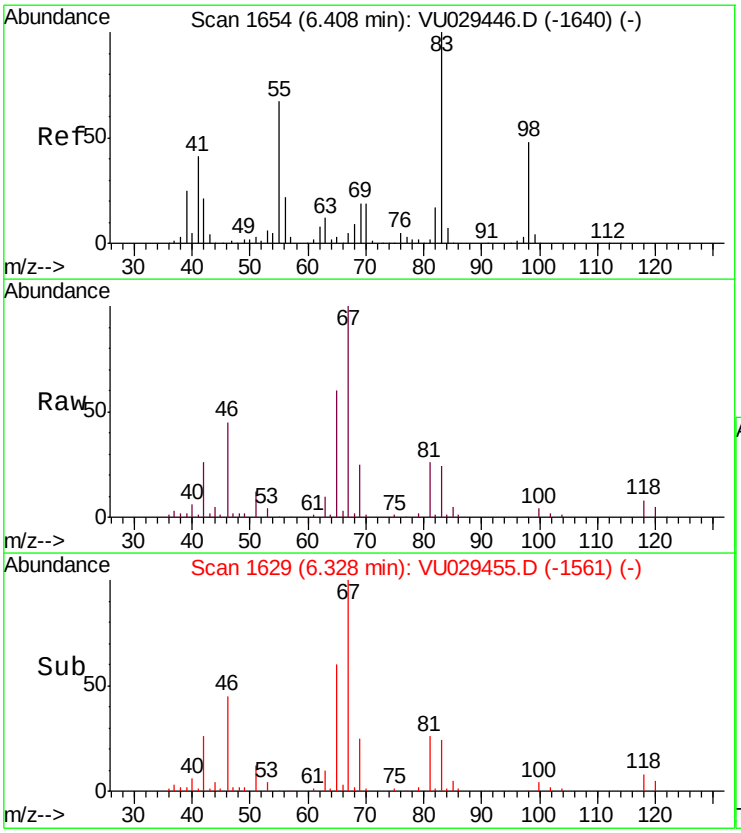
#27
1,2-Dichloroethane
Concen: 0.058 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Instrument :
MSVOA_U
ClientSampleId :
ESXA8

Tgt Ion: 62 Resp: 868

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.4	12.6#

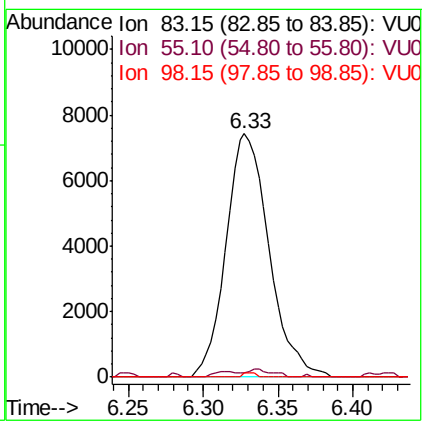


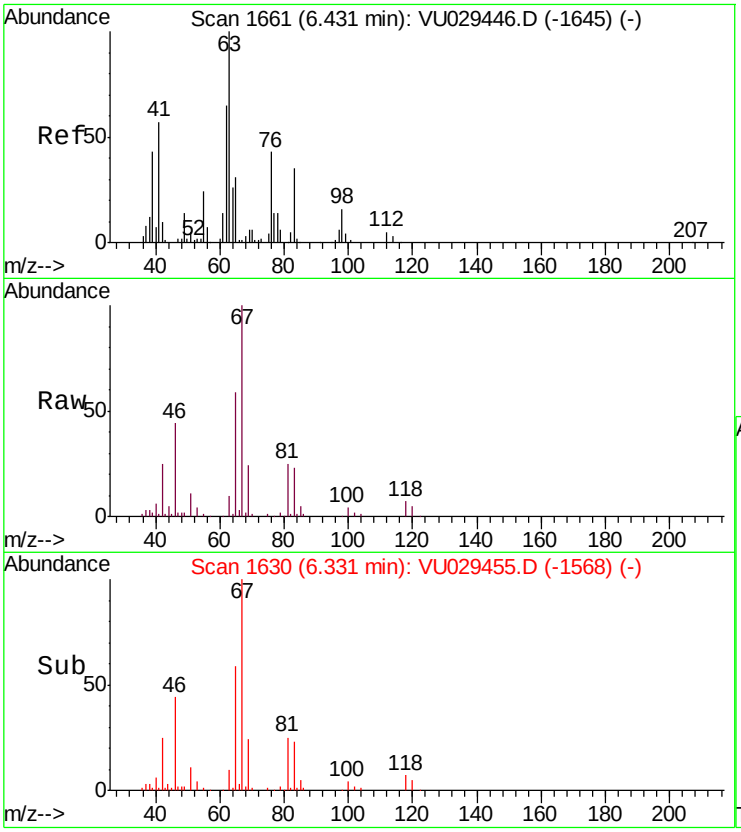


#35
Methylcyclohexane
Concen: 0.587 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Tgt Ion: 83 Resp: 14877

Ion	Ratio	Lower	Upper
83	100		
55	1.9	55.9	83.9#
98	0.5	38.6	57.8#



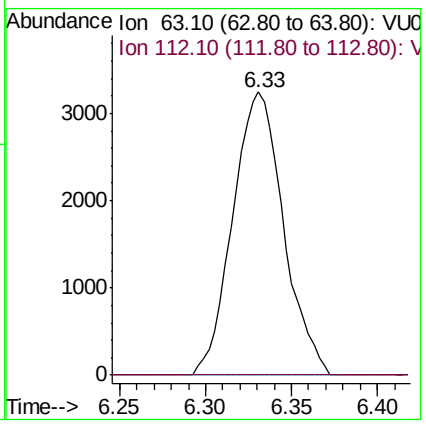


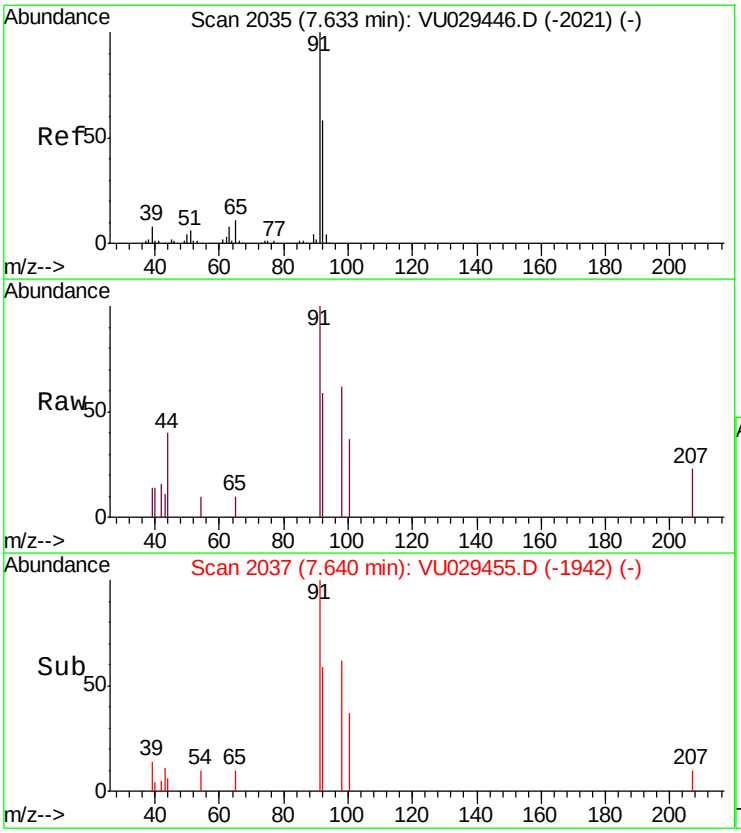
#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Instrument :
MSVOA_U
ClientSampleId :
ESXA8

Tgt Ion: 63 Resp: 6627

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

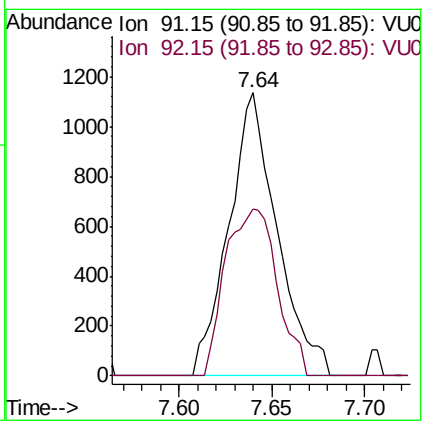


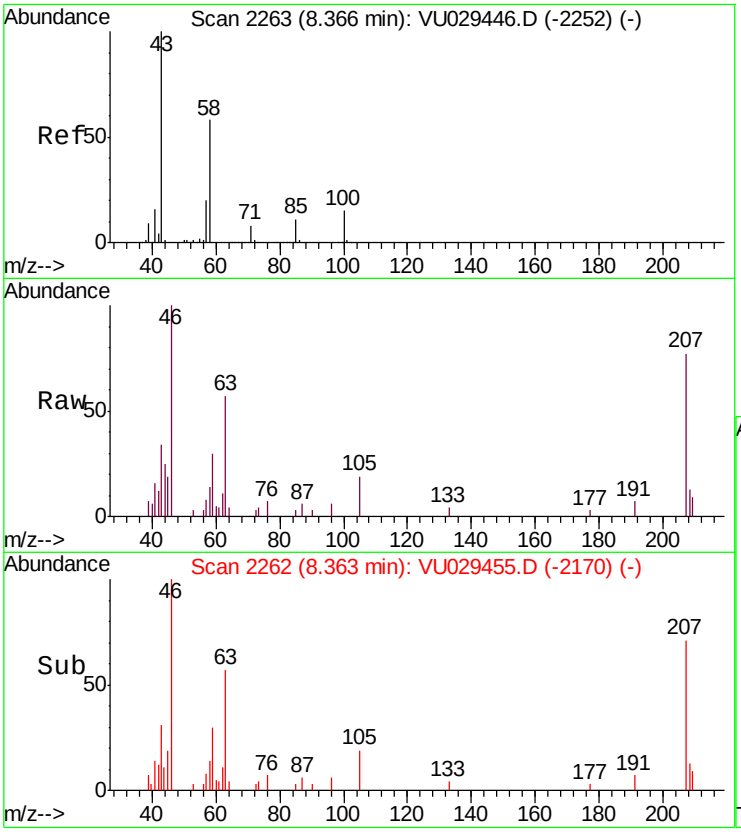


#42
Toluene
Concen: 0.034 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Tgt Ion: 91 Resp: 2061

Ion	Ratio	Lower	Upper
91	100		
92	58.9	39.8	73.8



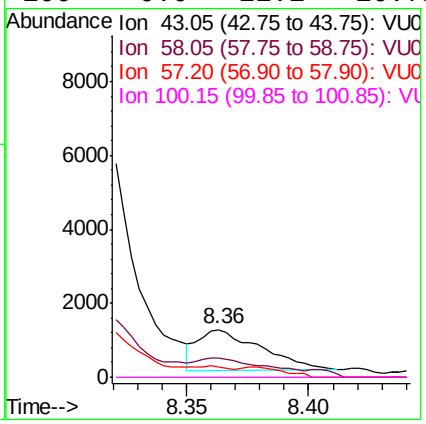


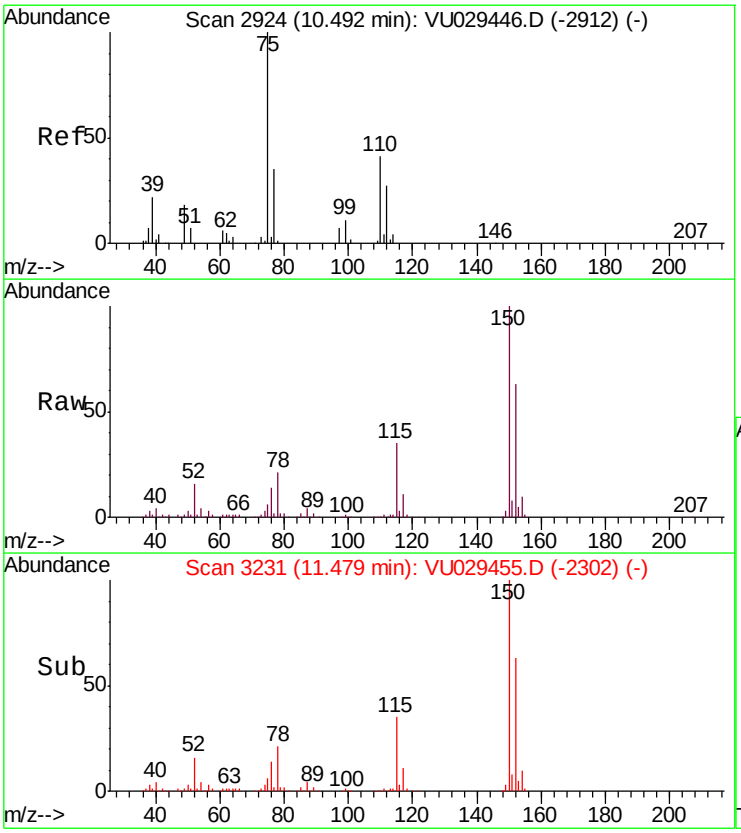
#48
2-Hexanone
Concen: 0.357 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Instrument : MSVOA_U
ClientSampleId : ESXA8

Tgt Ion: 43 Resp: 2010

Ion	Ratio	Lower	Upper
43	100		
58	58.4	45.7	68.5
57	17.1	16.4	24.6
100	0.0	11.1	16.7#





#59
1,2,3-Trichloropropane
Concen: 1.037 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029455.D
Acq: 14 Feb 2019 14:11

Tgt Ion: 75 Resp: 8920

Ion	Ratio	Lower	Upper
75	100		
77	37.6	28.2	42.2