Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\

Quantitation Report (Not Reviewed)

Data File : VU029549.D
Acq On : 19 Feb 2019 12:53
Operator : JC/SP
Sample : K1522-01RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

Quant Time: Feb 20 00:11:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211535	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	204893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106546	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	58735	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.68	69	54856	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.27	63	92230	2.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.60%#			
20) 2-Butanone-d5	4.19	46	151478	51.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.52%			
24) Chloroform-d	4.65	84	99732	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.31	65	59355	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.34	84	226949	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
36) 1,2-Dichloropropane-d6	6.33	67	70457	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.56	98	216787	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	7.85	79	26962	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	8.31	63	145618	48.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60732	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	98192	5.00	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.00%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1525	0.087	ug/L	86
6) Bromomethane	1.63	94	629	0.053	ug/L	72
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1134	0.062	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	938	0.054	ug/L #	1
13) Acetone	2.32	43	5698	2.123	ug/L	86
15) Methyl Acetate	2.44	43	16845	2.449	ug/L #	47
25) Chloroform	4.67	83	11406	0.408	ug/L	100
35) Methylcyclohexane	6.33	83	17315	0.607	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	7657	0.507	ug/L #	87
42) Toluene	7.64	91	10425	0.154	ug/L	91
45) 1,1,2-Trichloroethane	8.17	97	599	0.052	ug/L #	17
48) 2-Hexanone	8.37	43	3343	0.527	ug/L #	55
53) m,p-xylene	9.38	106	3510	0.115	ug/L	75
59) 1,2,3-Trichloropropane	11.48	75	11118	1.147	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.47	75	716	0.322	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021919\

Quantitation Report (Not Reviewed)

Data File : VU029549.D
Acq On : 19 Feb 2019 12:53
Operator : JC/SP
Sample : K1522-01RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AM2

Quant Time: Feb 20 00:11:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 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\VU021919\

Quantitation Report (Not Reviewed)

Data File : VU029549.D
Acq On : 19 Feb 2019 12:53
Operator : JC/SP
Sample : K1522-01RE
Misc : 25.0mL/MSVOA_U/WATER
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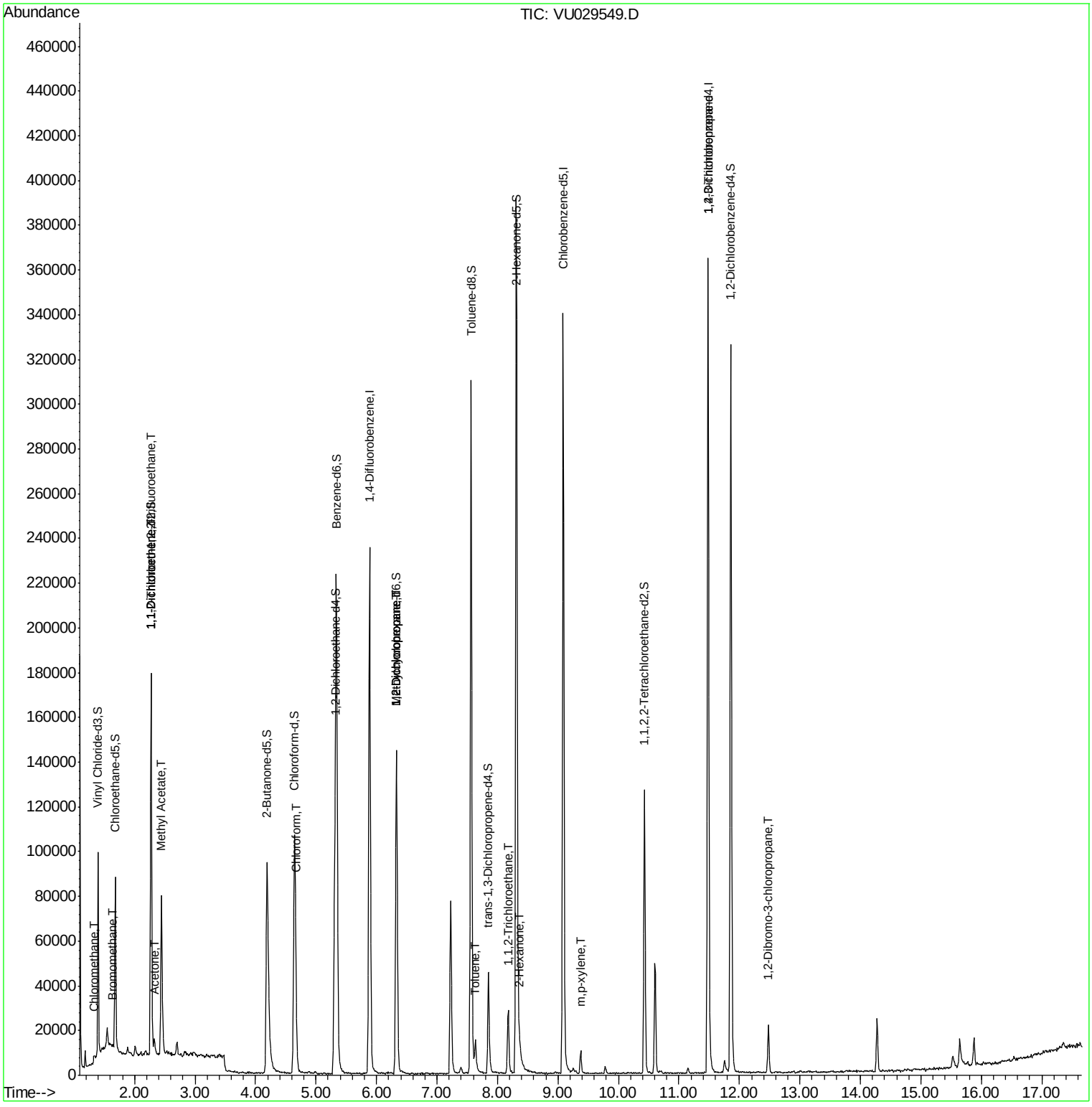
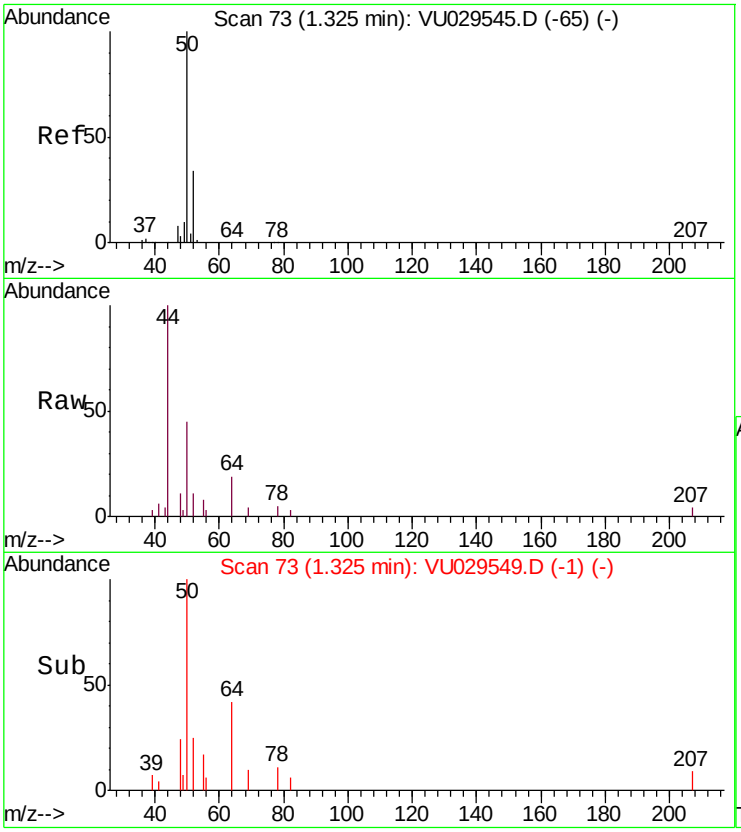
Instrument :
MSVOA_U
ClientSampleId :
C0AM2

Quant Time: Feb 20 00:11:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 20 00:07:58 2019
Response via : Initial Calibration



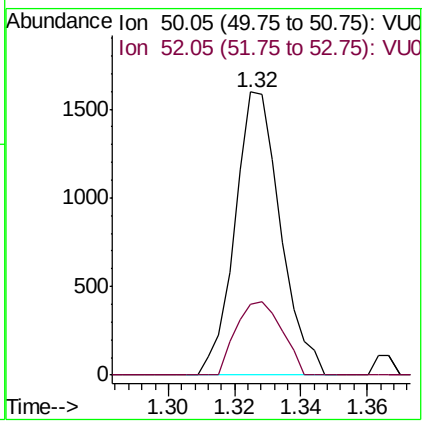


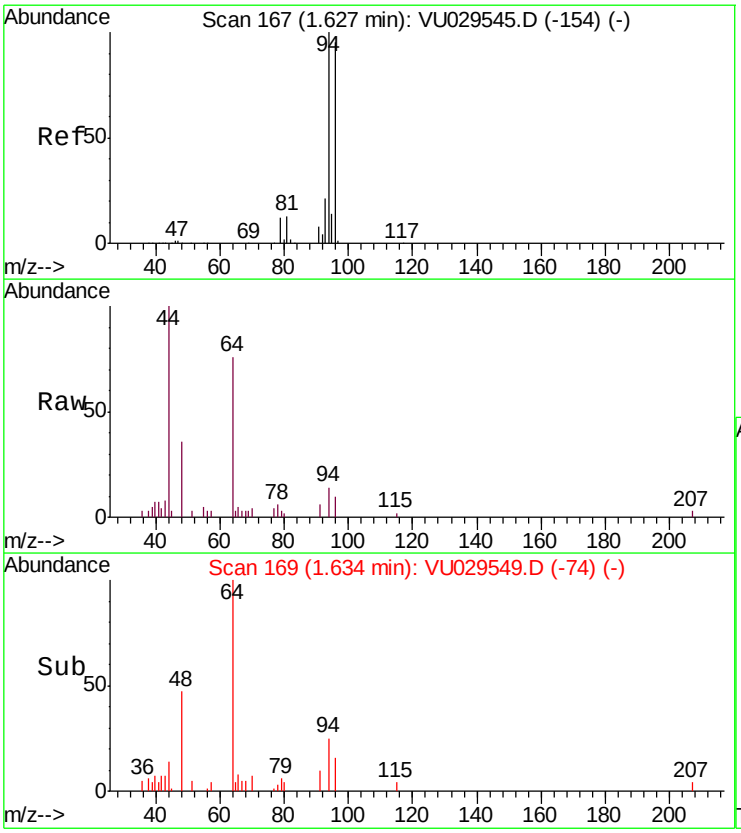
#3
Chloromethane
Concen: 0.087 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Instrument :
MSVOA_U
ClientSampleId :
C0AM2

Tgt Ion: 50 Resp: 1525

Ion	Ratio	Lower	Upper
50	100		
52	25.1	23.1	42.9

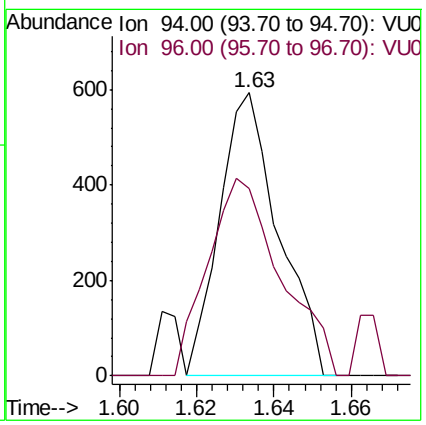


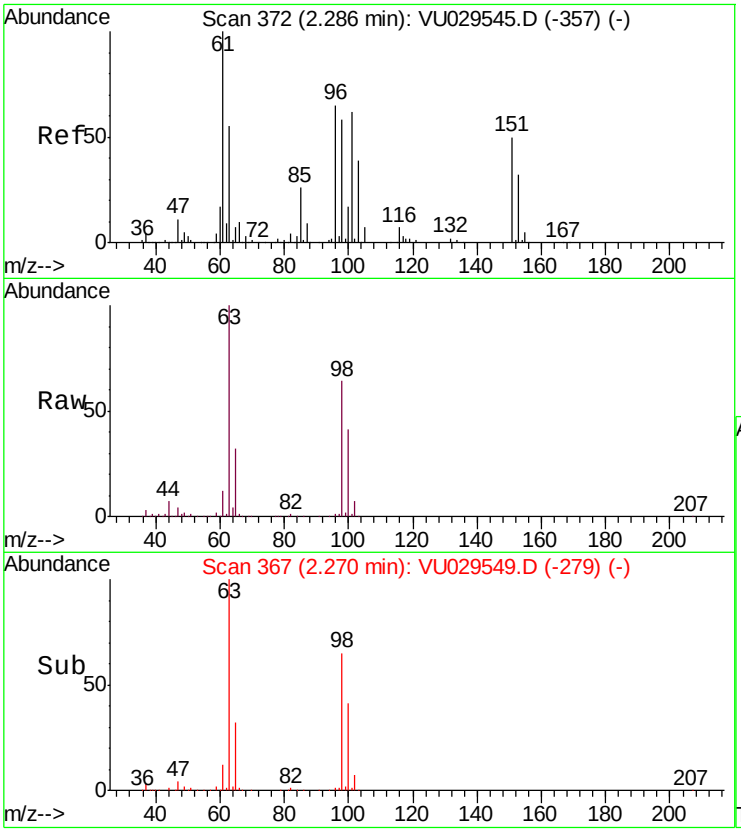


#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.63 min Scan# 169
Delta R.T. 0.01 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Tgt Ion: 94 Resp: 629

Ion	Ratio	Lower	Upper
94	100		
96	66.1	65.2	121.0



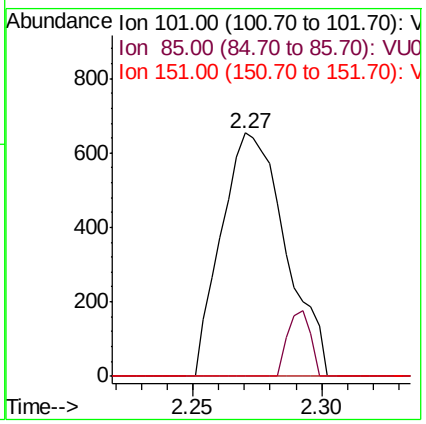


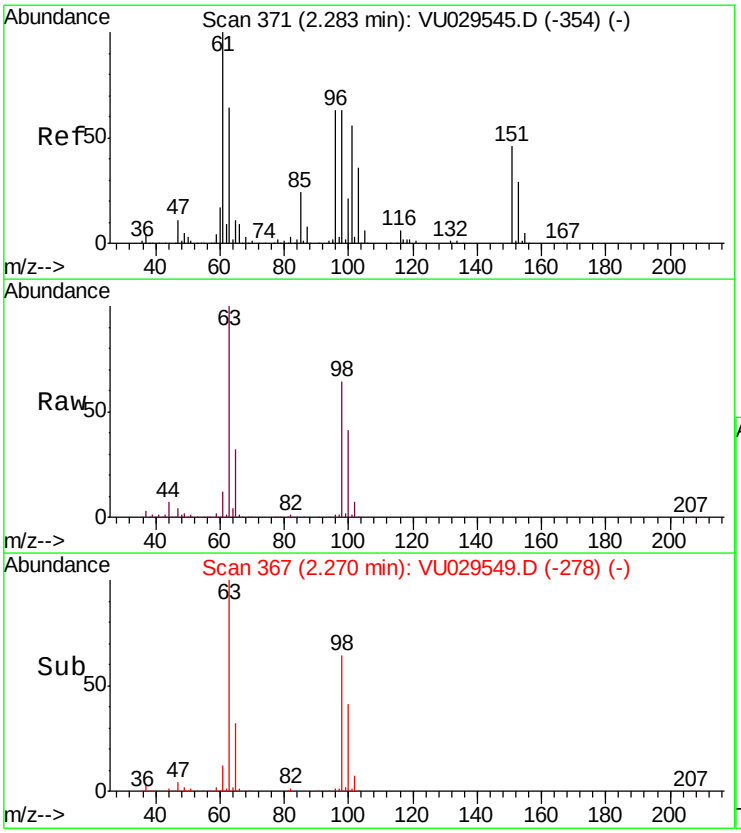
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Instrument :
MSVOA_U
ClientSampleId :
C0AM2

Tgt Ion:101 Resp: 1134

Ion	Ratio	Lower	Upper
101	100		
85	9.4	35.1	52.7#
151	0.0	67.0	100.6#

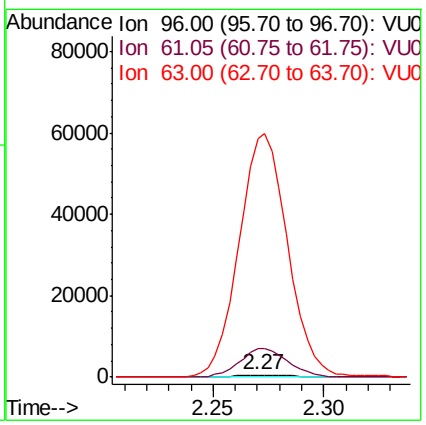


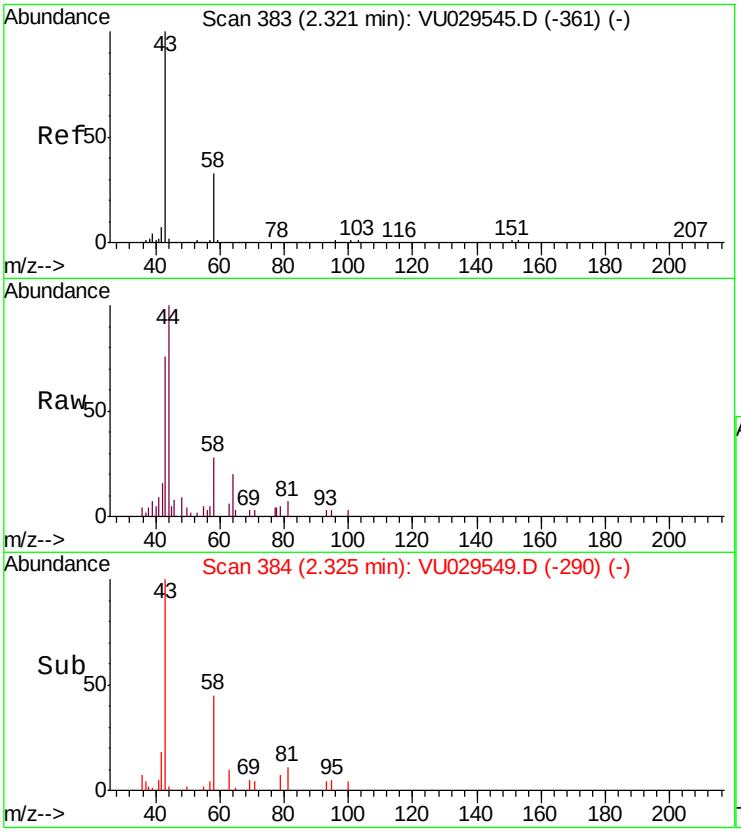


#12
1,1-Dichloroethene
Concen: 0.054 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Tgt Ion: 96 Resp: 938

Ion	Ratio	Lower	Upper
96	100		
61	1370.2	115.1	213.7#
63	11558.2	83.5	155.1#



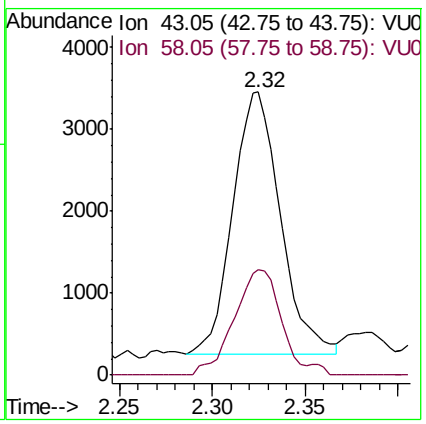


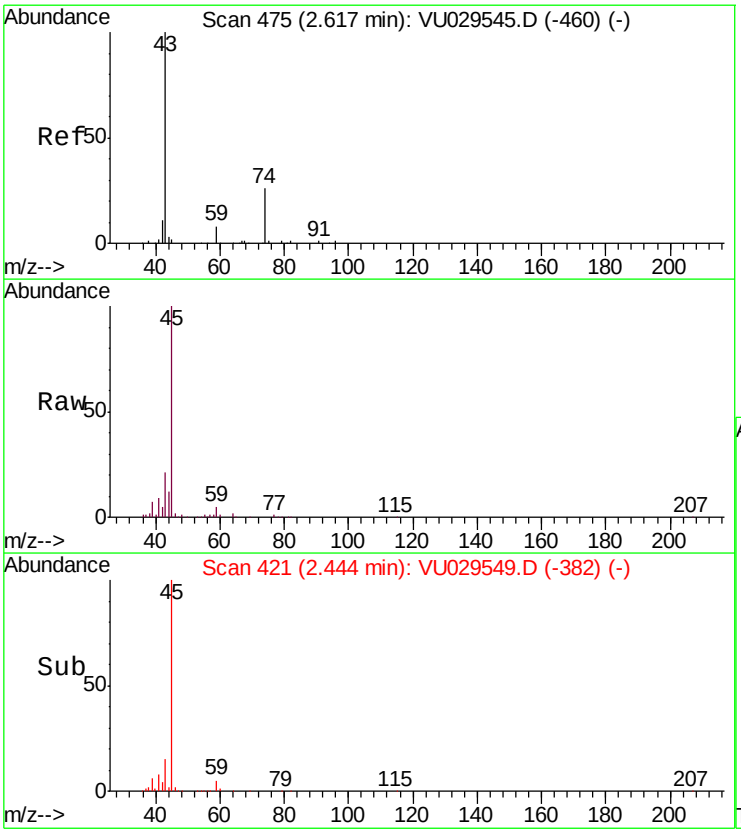
#13
Acetone
Concen: 2.123 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Instrument : MSVOA_U
ClientSampleId : C0AM2

Tgt Ion: 43 Resp: 5698

Ion	Ratio	Lower	Upper
43	100		
58	40.2	0.0	65.0

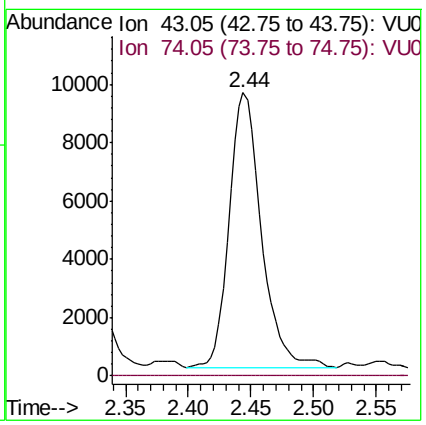


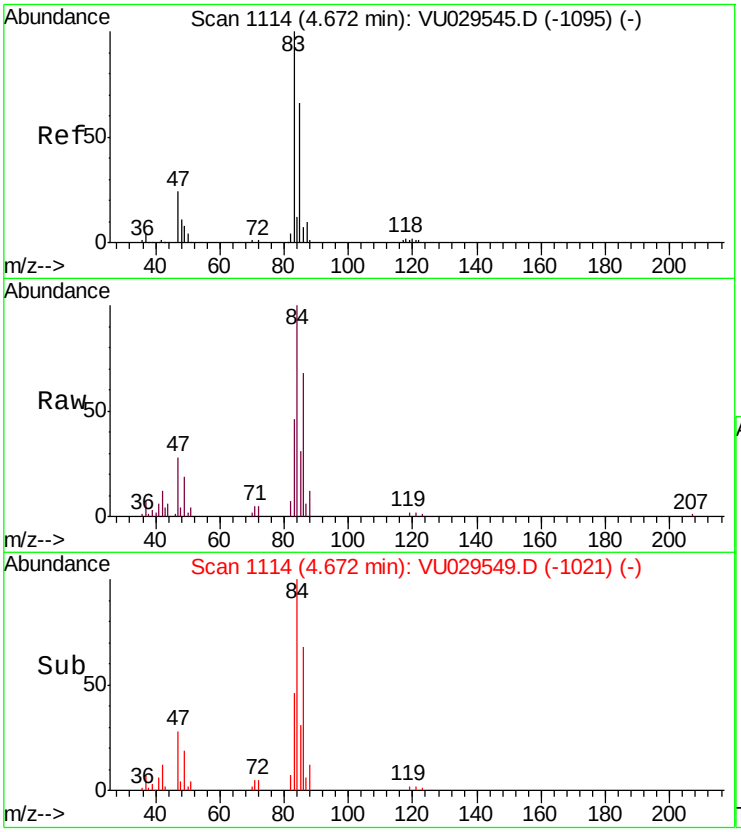


#15
Methyl Acetate
Concen: 2.449 ug/L
RT: 2.44 min Scan# 421
Delta R.T. -0.17 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Tgt Ion: 43 Resp: 16845

Ion	Ratio	Lower	Upper
43	100		
74	0.0	22.3	33.5#



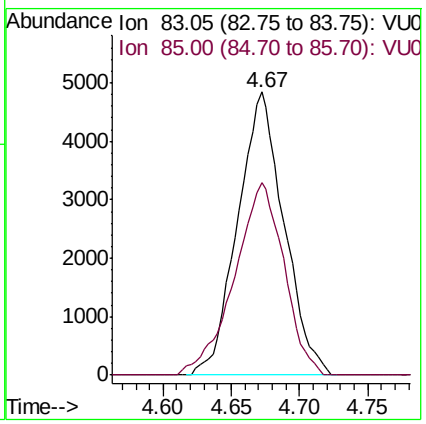


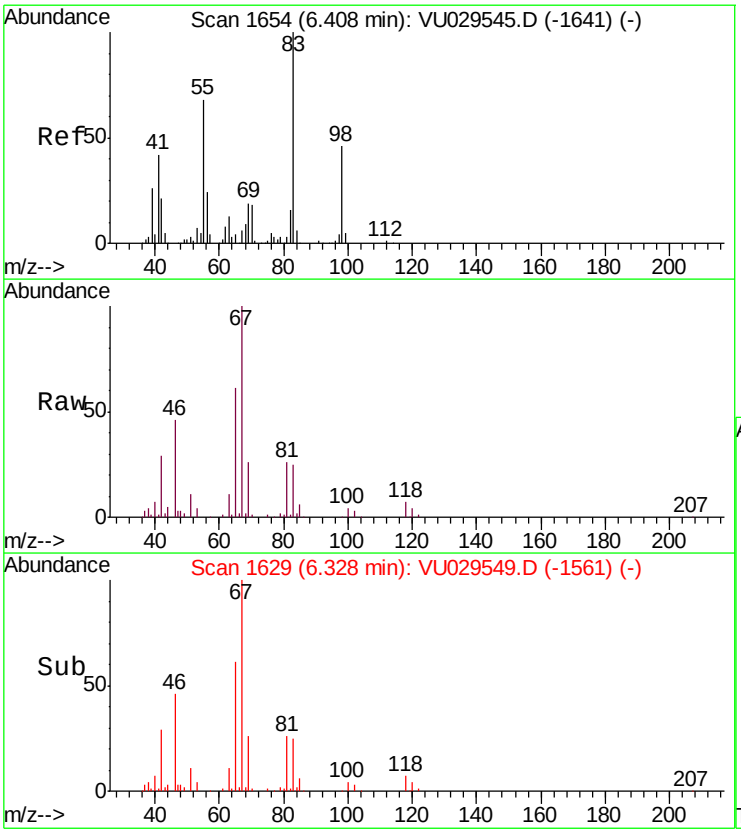
#25
Chloroform
Concen: 0.408 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Instrument :
MSVOA_U
ClientSampleId :
C0AM2

Tgt Ion: 83 Resp: 11406

Ion	Ratio	Lower	Upper
83	100		
85	68.2	47.8	88.8

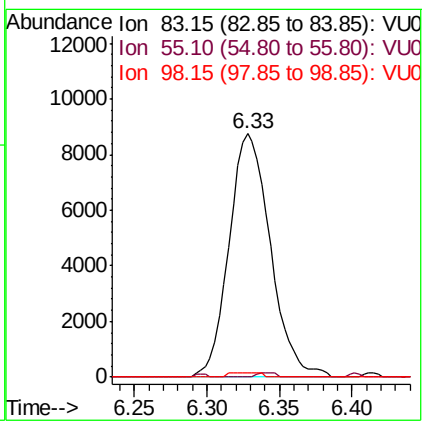


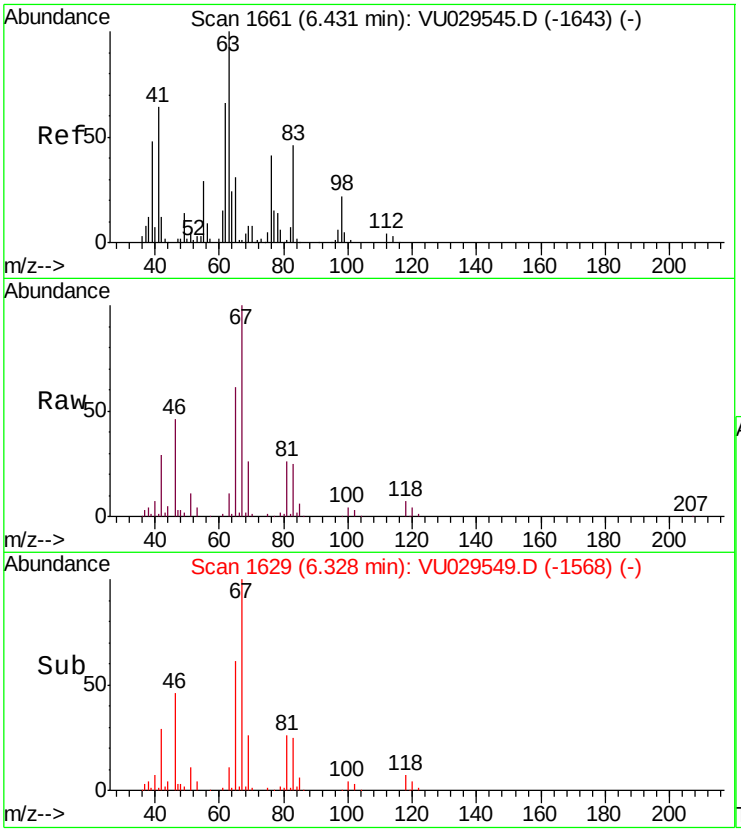


#35
Methylcyclohexane
Concen: 0.607 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Tgt Ion: 83 Resp: 17315

Ion	Ratio	Lower	Upper
83	100		
55	0.8	55.9	83.9#
98	0.9	38.6	57.8#



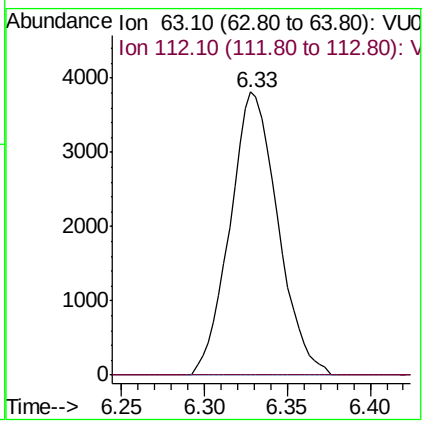


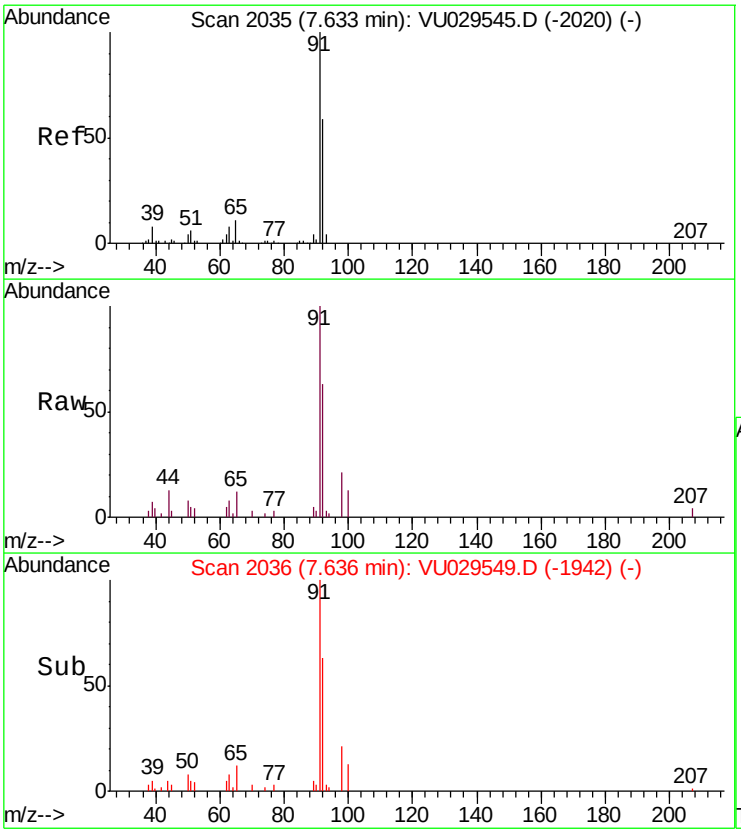
#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Instrument : MSVOA_U
ClientSampleId : C0AM2

Tgt Ion: 63 Resp: 7657

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

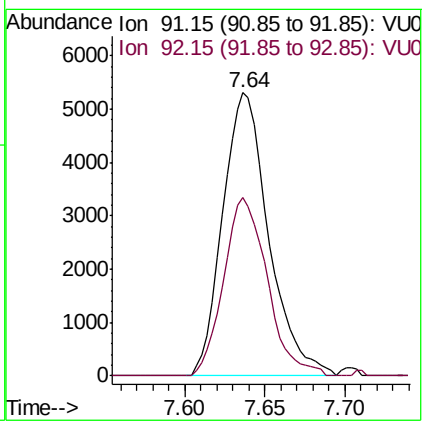


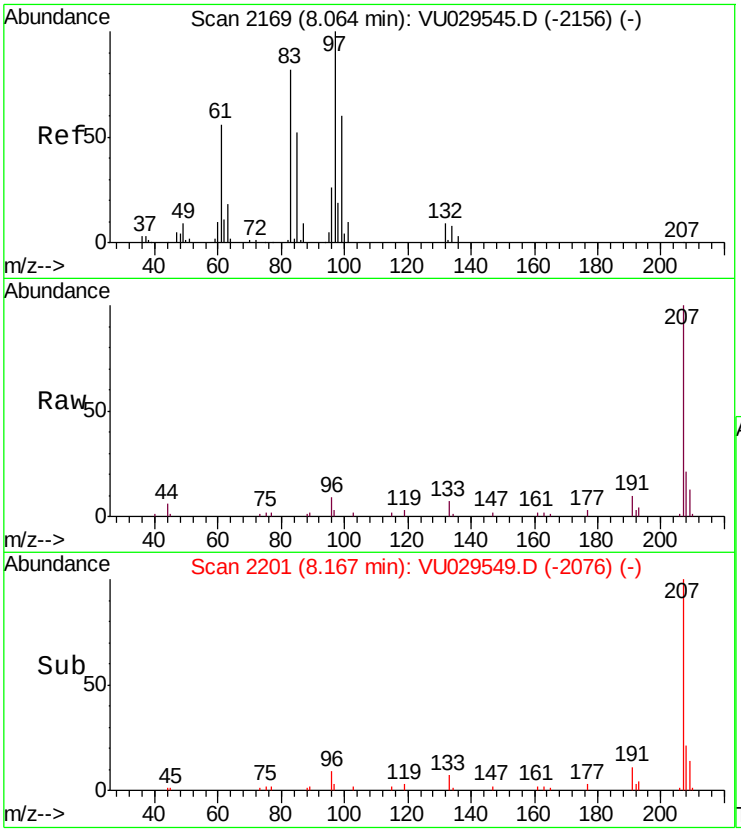


#42
Toluene
Concen: 0.154 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Tgt Ion: 91 Resp: 10425

Ion	Ratio	Lower	Upper
91	100		
92	63.1	39.8	73.8



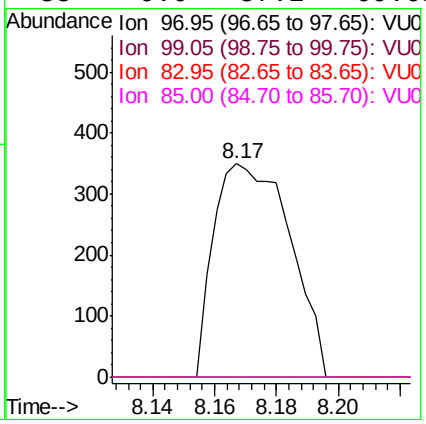


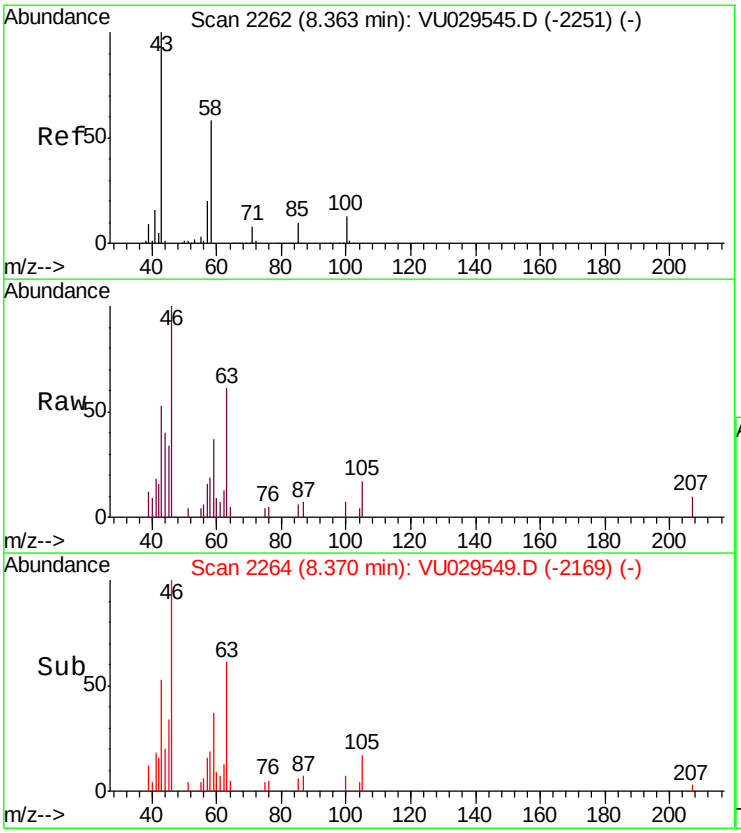
#45
1,1,2-Trichloroethane
Concen: 0.052 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.10 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Instrument : MSVOA_U
ClientSampleId : C0AM2

Tgt Ion: 97 Resp: 599

Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.6	77.2#
83	0.0	55.8	103.6#
85	0.0	37.2	69.0#

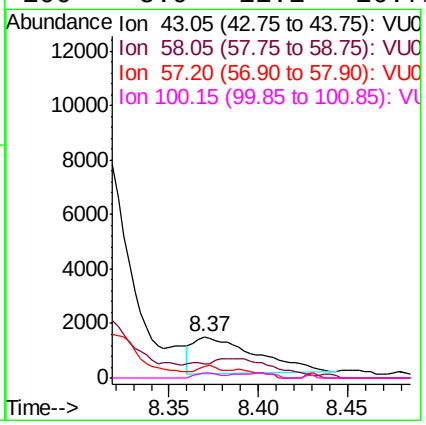


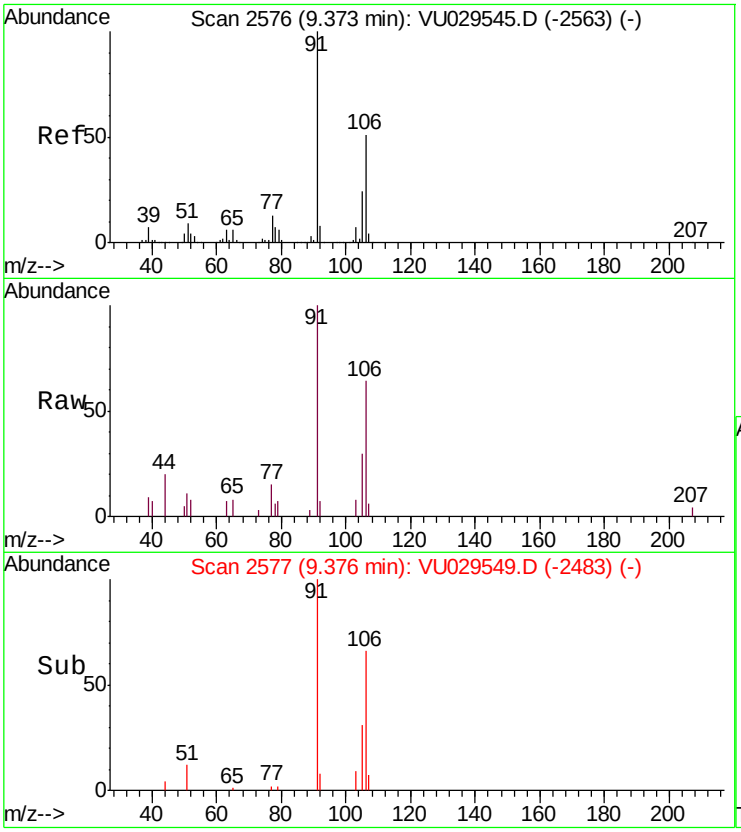


#48
2-Hexanone
Concen: 0.527 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Tgt Ion: 43 Resp: 3343

Ion	Ratio	Lower	Upper
43	100		
58	16.0	45.7	68.5#
57	4.6	16.4	24.6#
100	5.9	11.1	16.7#



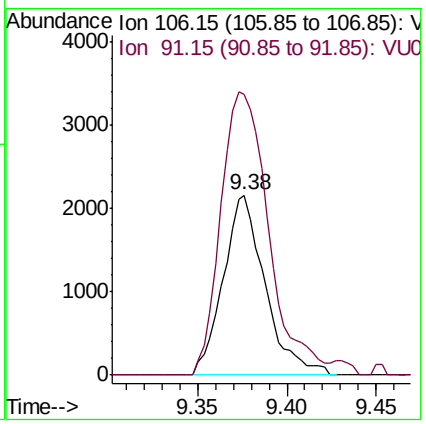


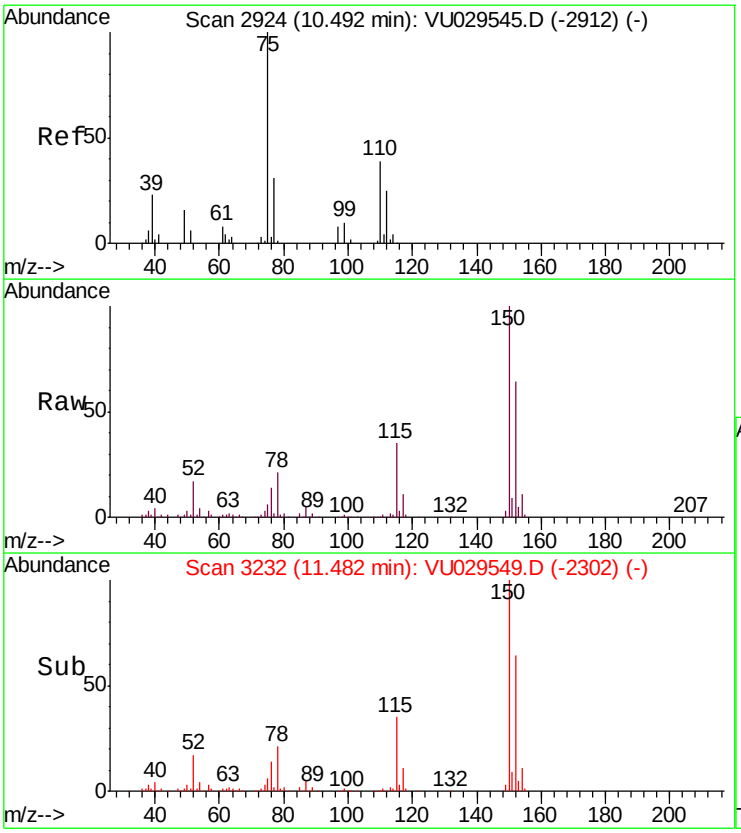
#53
m,p-xylene
Concen: 0.115 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Instrument : MSVOA_U
ClientSampleId : C0AM2

Tgt Ion:106 Resp: 3510

Ion	Ratio	Lower	Upper
106	100		
91	156.2	135.7	251.9

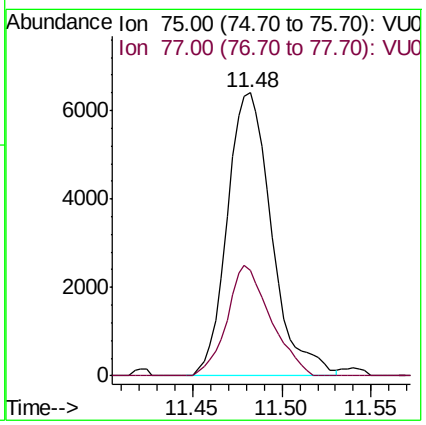


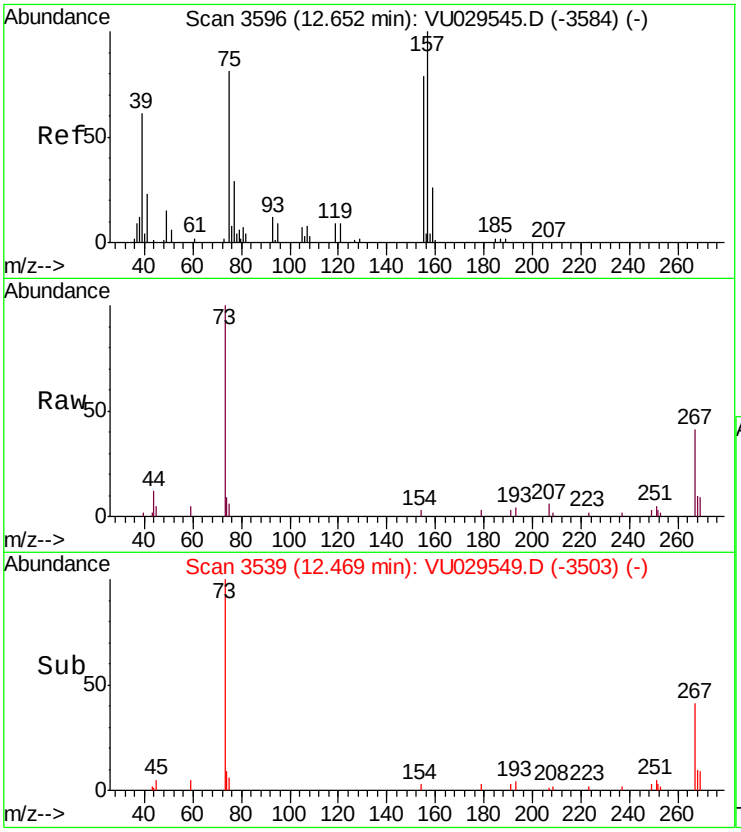


#59
1,2,3-Trichloropropane
Concen: 1.147 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Tgt Ion: 75 Resp: 11118

Ion	Ratio	Lower	Upper
75	100		
77	38.1	28.2	42.2





#66
1,2-Dibromo-3-chloropropane
Concen: 0.322 ug/L
RT: 12.47 min Scan# 3539
Delta R.T. -0.18 min
Lab File: VU029549.D
Acq: 19 Feb 2019 12:53

Instrument :
MSVOA_U
ClientSampleId :
C0AM2

Tgt Ion: 75 Resp: 716

Ion	Ratio	Lower	Upper
75	100		
155	0.0	75.3	112.9#
157	0.0	103.0	154.4#