Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021219\

Quantitation Report (Not Reviewed)

Data File : VU029429.D
Acq On : 12 Feb 2019 18:55
Operator : JC/SP
Sample : K1436-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXB0

Quant Time: Feb 13 03:30:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	205392	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	190938	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102200	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	70640	5.12	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.40%			
7) Chloroethane-d5	1.68	69	61005	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.00%			
11) 1,1-Dichloroethene-d2	2.27	63	114576	3.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.40%			
20) 2-Butanone-d5	4.19	46	147403	51.37	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.74%			
24) Chloroform-d	4.65	84	117284	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
26) 1,2-Dichloroethane-d4	5.31	65	58957	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.34	84	245698	5.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.00%			
36) 1,2-Dichloropropane-d6	6.33	67	72744	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.56	98	241122	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.40%			
43) trans-1,3-Dichloropropene-	7.85	79	26343	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.31	63	145245	52.06	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.12%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59283	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	101755	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	2818	0.142	ug/L #	1
8) Chloroethane	1.67	64	1141	0.089	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1162	0.065	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	1292	0.076	ug/L #	1
13) Acetone	2.32	43	7969	3.057	ug/L	89
22) cis-1,2-Dichloroethene	4.22	96	3448	0.208	ug/L	95
25) Chloroform	4.67	83	1813	0.067	ug/L	98
33) Benzene	5.39	78	21609	0.384	ug/L	100
35) Methylcyclohexane	6.33	83	18048	0.679	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	8093	0.575	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2141	0.097	ug/L #	55
42) Toluene	7.64	91	14067	0.223	ug/L	99
48) 2-Hexanone	8.31	43	15924	2.693	ug/L #	69
52) Ethylbenzene	9.25	91	2432	0.034	ug/L	85
53) m,p-xylene	9.38	106	2686	0.094	ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	10153	1.124	ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021219\

Quantitation Report (Not Reviewed)

Data File : VU029429.D
Acq On : 12 Feb 2019 18:55
Operator : JC/SP
Sample : K1436-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXB0

Quant Time: Feb 13 03:30:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

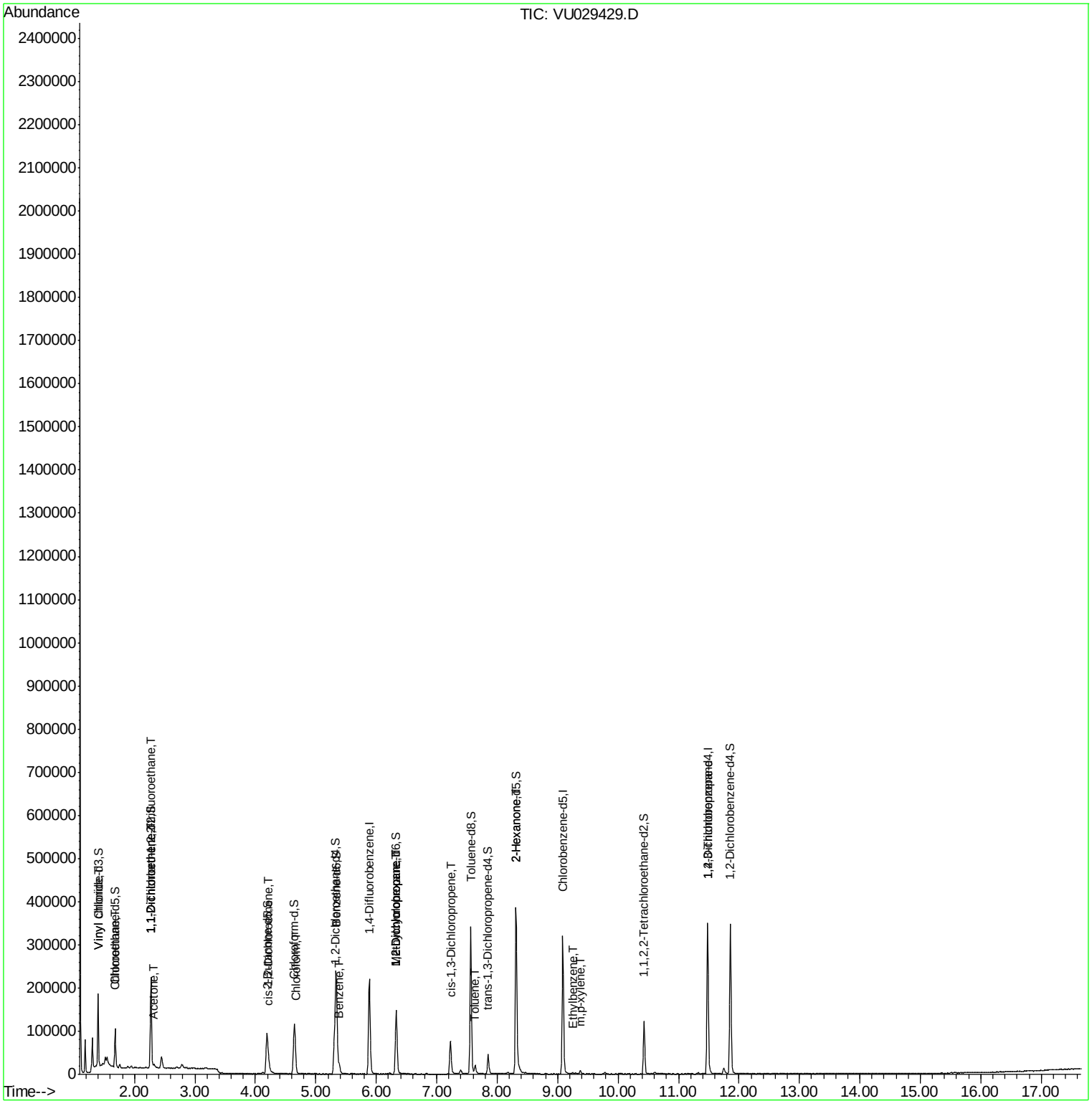
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021219\

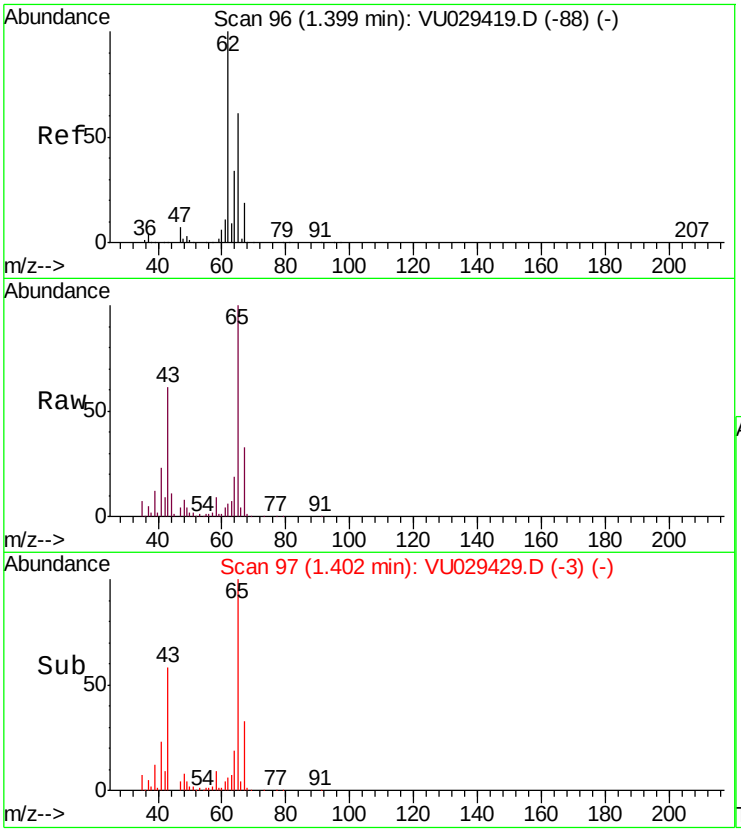
Quantitation Report (Not Reviewed)

Data File : VU029429.D
Acq On : 12 Feb 2019 18:55
Operator : JC/SP
Sample : K1436-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXB0

Quant Time: Feb 13 03:30:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Feb 13 03:26:10 2019
Response via : Initial Calibration



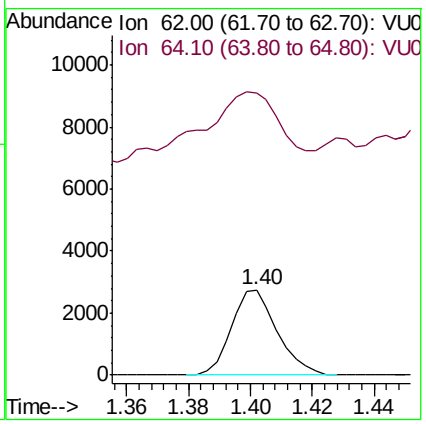


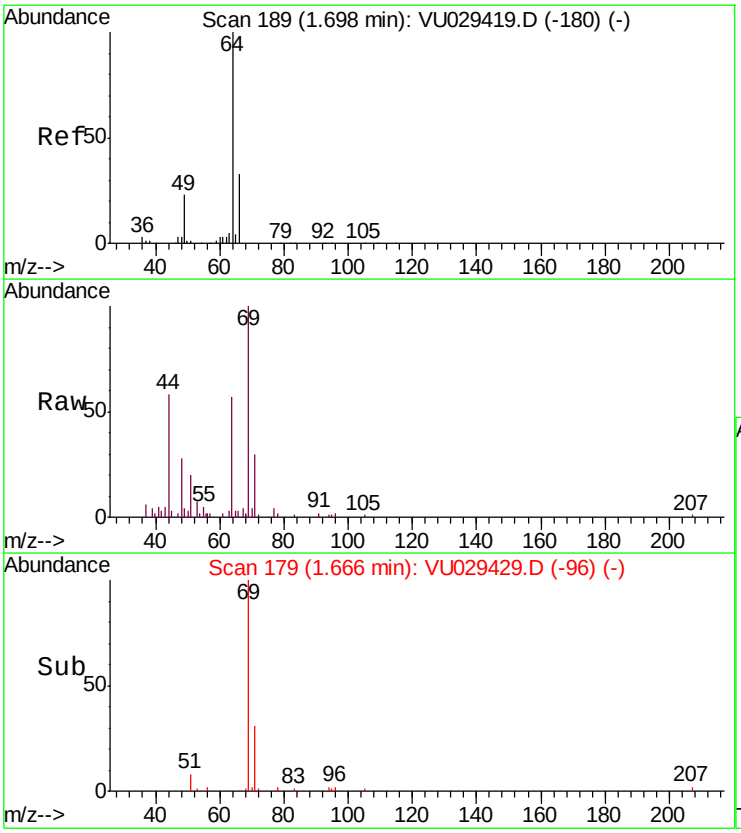
#5
Vinyl chloride
Concen: 0.142 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Instrument : MSVOA_U
ClientSampleId : ESXB0

Tgt Ion: 62 Resp: 2818

Ion	Ratio	Lower	Upper
62	100		
64	330.2	23.5	43.7#

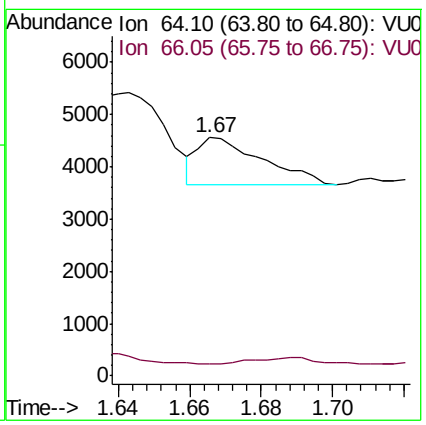


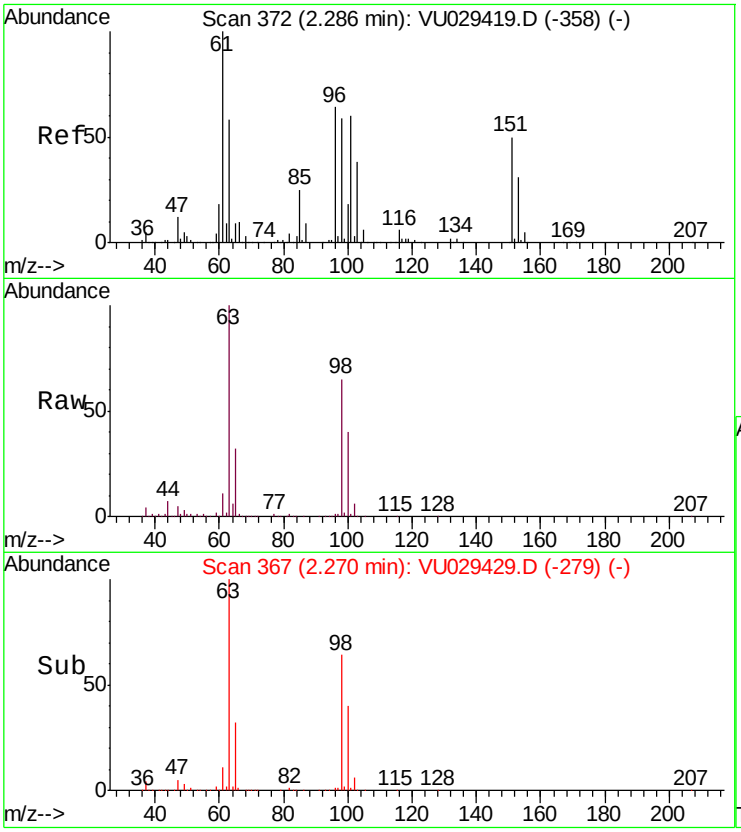


#8
Chloroethane
Concen: 0.089 ug/L
RT: 1.67 min Scan# 179
Delta R.T. -0.03 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Tgt Ion: 64 Resp: 1141

Ion	Ratio	Lower	Upper
64	100		
66	5.0	22.0	40.8#



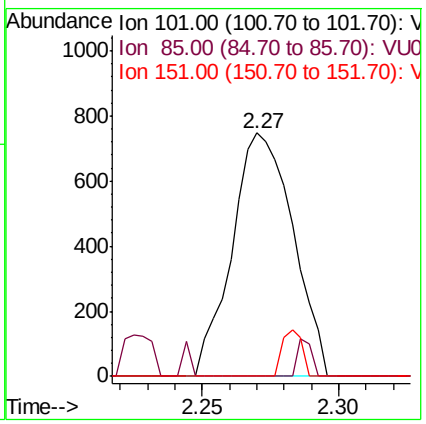


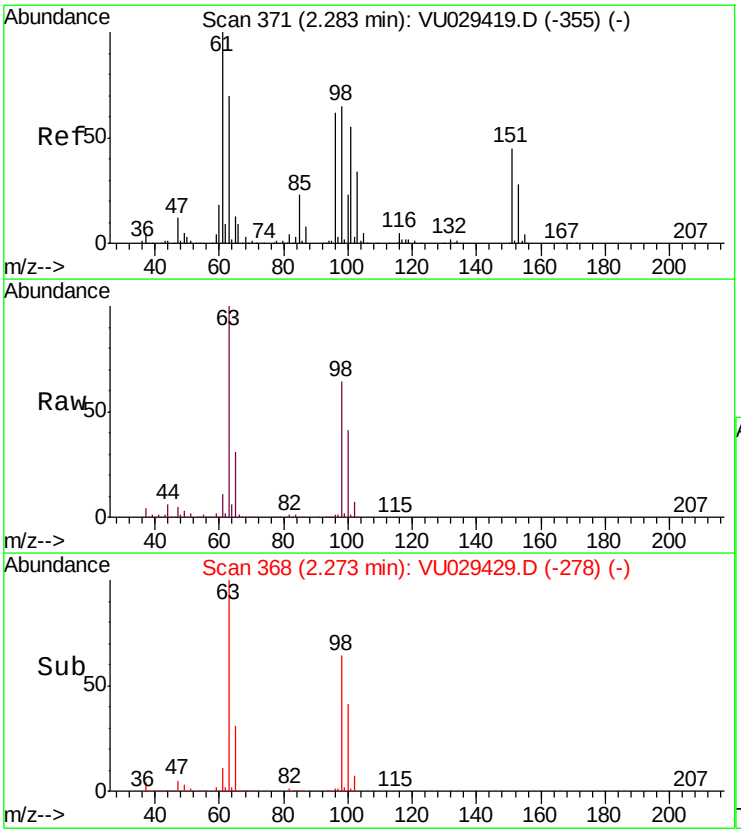
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.065 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
ESXB0

Tgt Ion:101 Resp: 1162

Ion	Ratio	Lower	Upper
101	100		
85	3.6	35.1	52.7#
151	6.4	67.0	100.6#

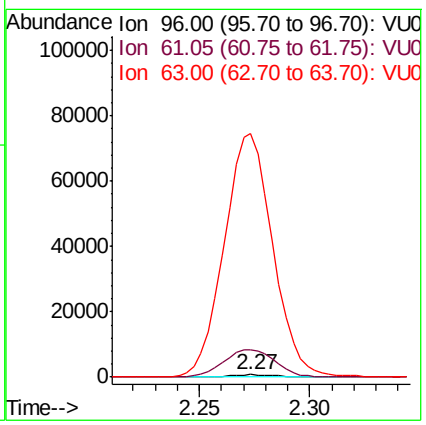


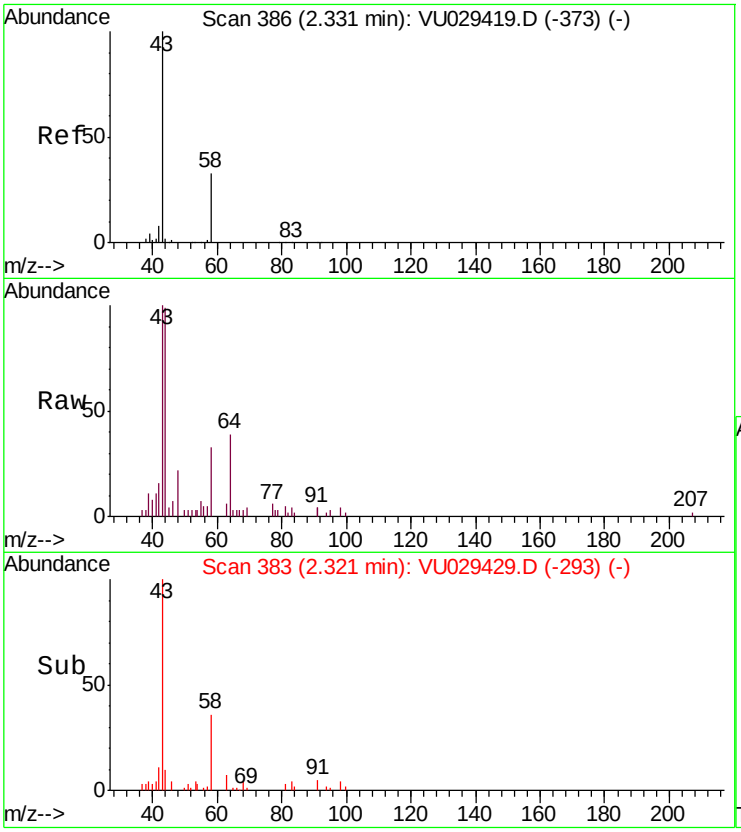


#12
1,1-Dichloroethene
Concen: 0.076 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Tgt Ion: 96 Resp: 1292

Ion	Ratio	Lower	Upper
96	100		
61	1115.6	115.1	213.7#
63	9851.5	83.5	155.1#



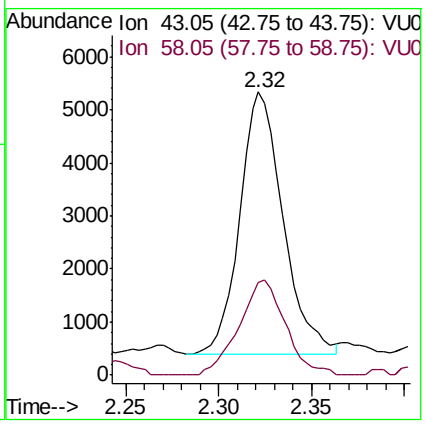


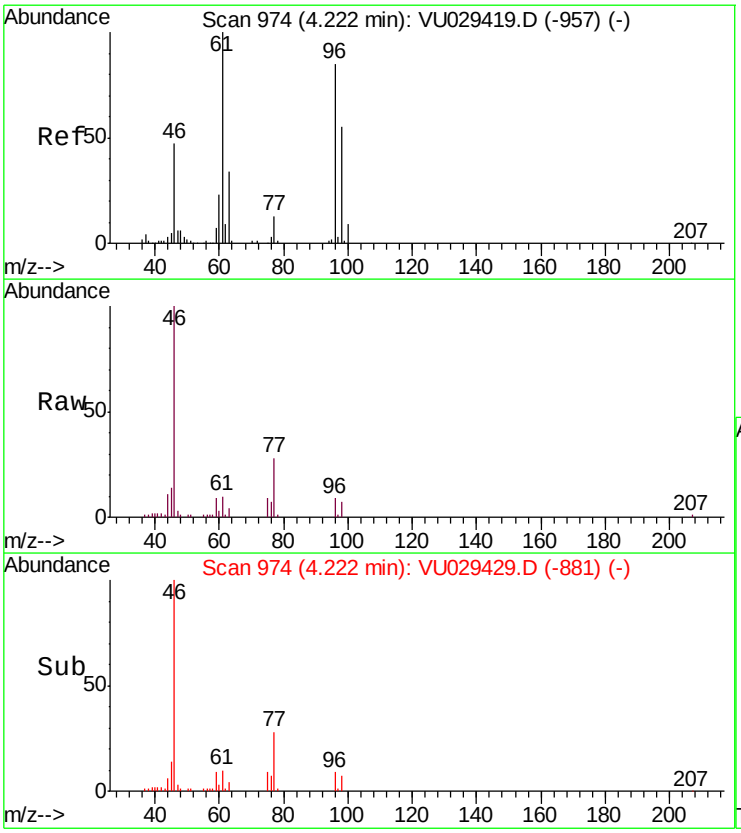
#13
Acetone
Concen: 3.057 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
ESXB0

Tgt Ion: 43 Resp: 7969

Ion	Ratio	Lower	Upper
43	100		
58	38.9	0.0	65.0

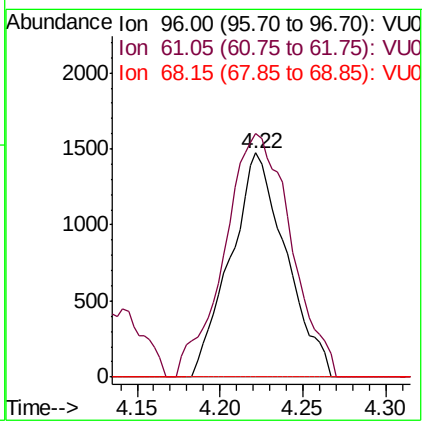


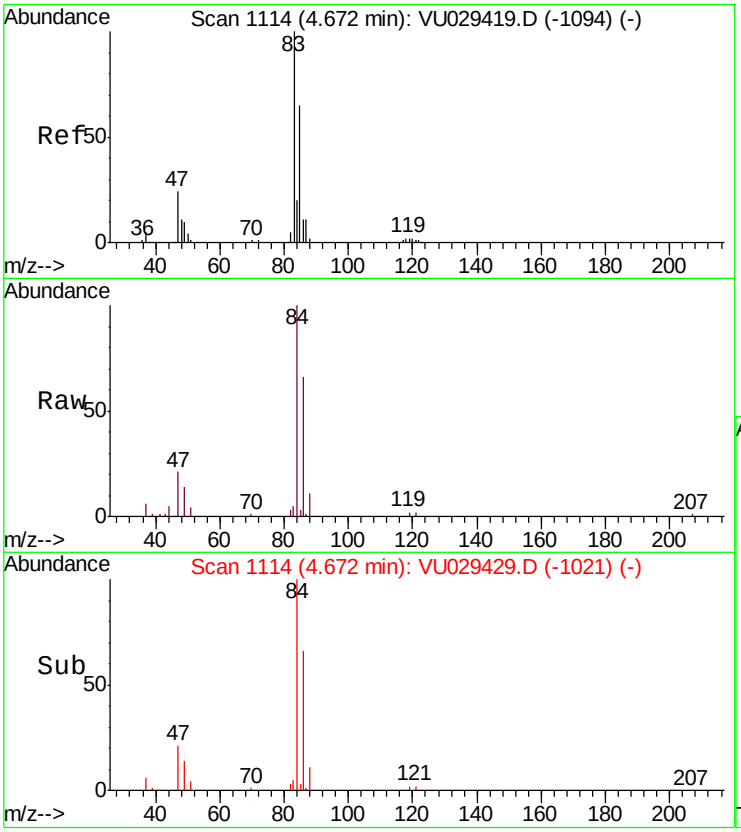


#22
cis-1,2-Dichloroethene
Concen: 0.208 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Tgt Ion: 96 Resp: 3448

Ion	Ratio	Lower	Upper
96	100		
61	108.5	79.9	148.5
68	0.0	0.0	0.0



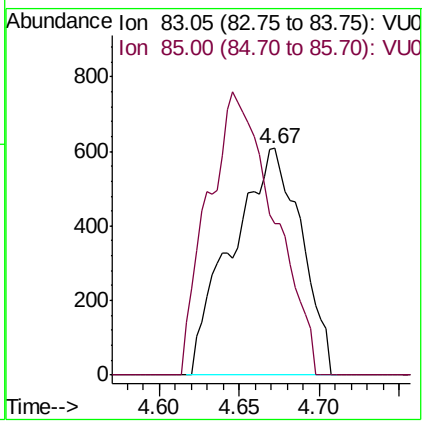


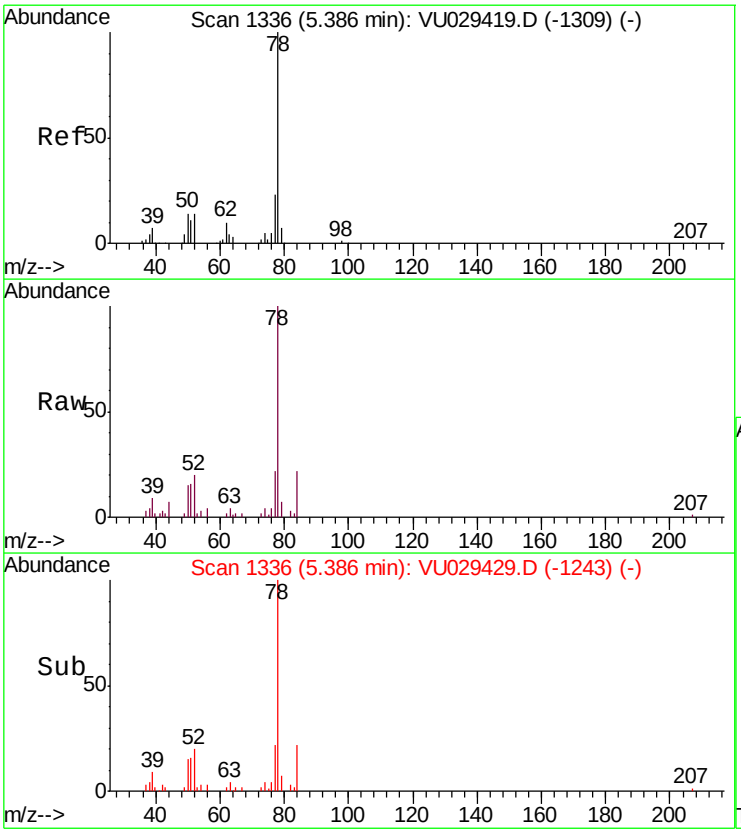
#25
Chloroform
Concen: 0.067 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
ESXB0

Tgt Ion: 83 Resp: 1813

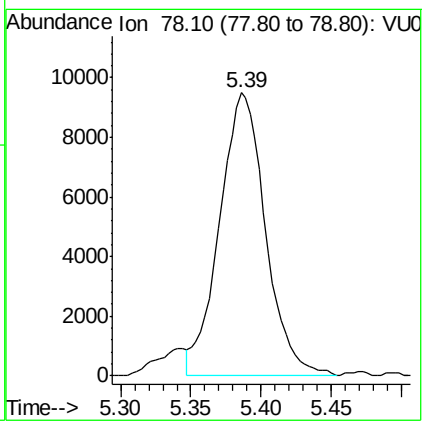
Ion	Ratio	Lower	Upper
83	100		
85	66.6	47.8	88.8

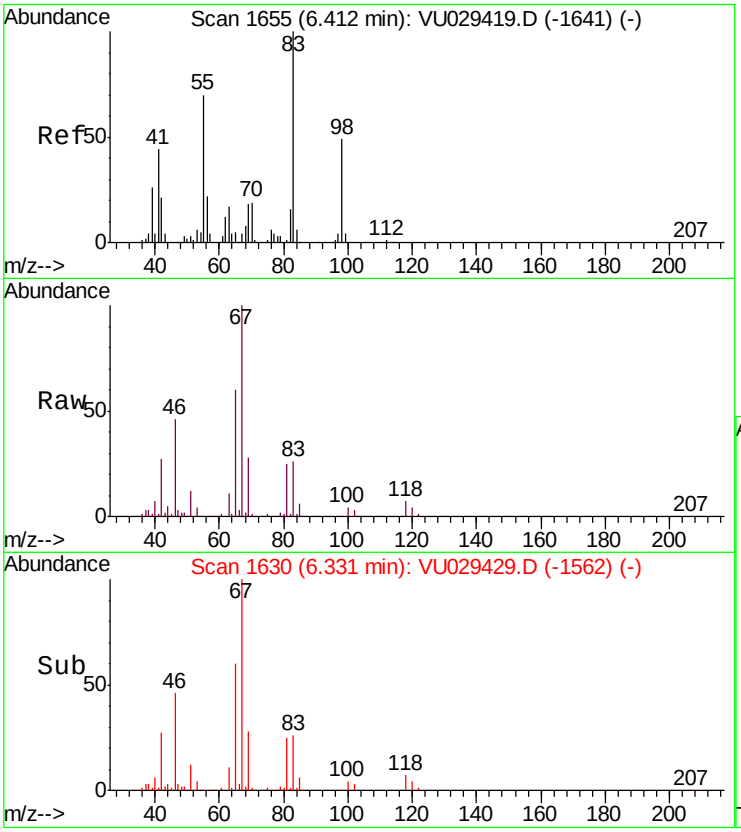




#33
Benzene
Concen: 0.384 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Tgt Ion: 78 Resp: 21609



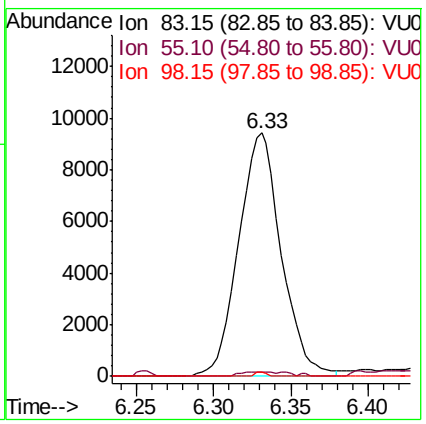


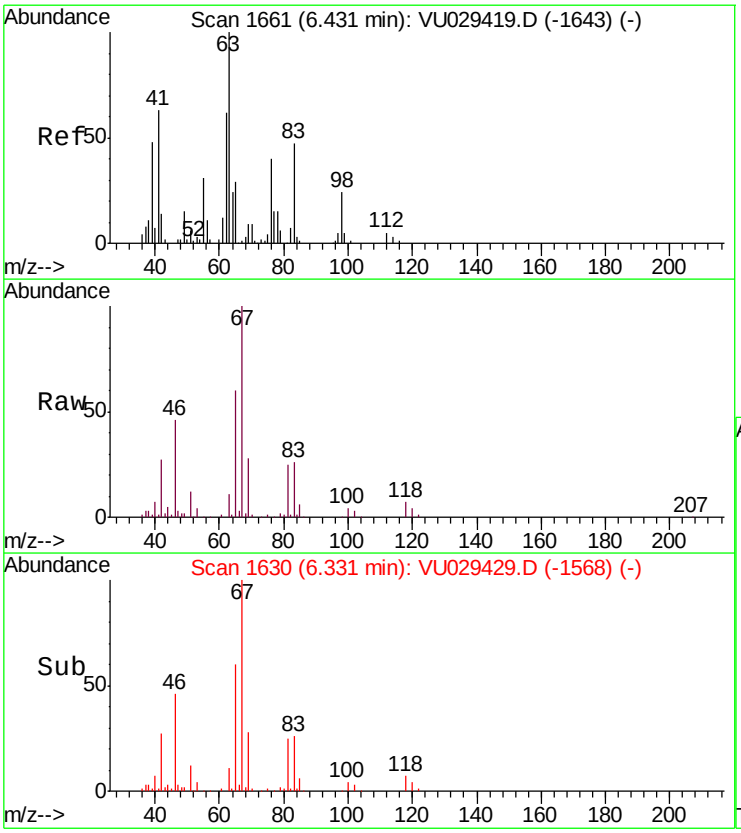
#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
ESXB0

Tgt Ion: 83 Resp: 18048

Ion	Ratio	Lower	Upper
83	100		
55	0.8	55.9	83.9#
98	0.5	38.6	57.8#

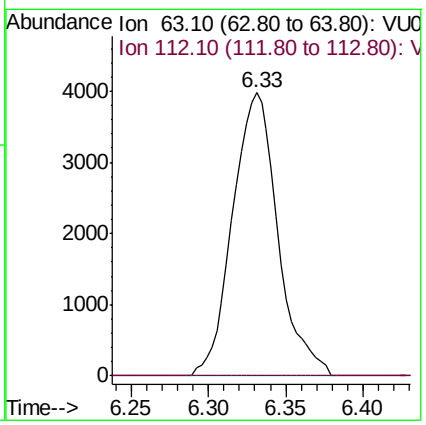


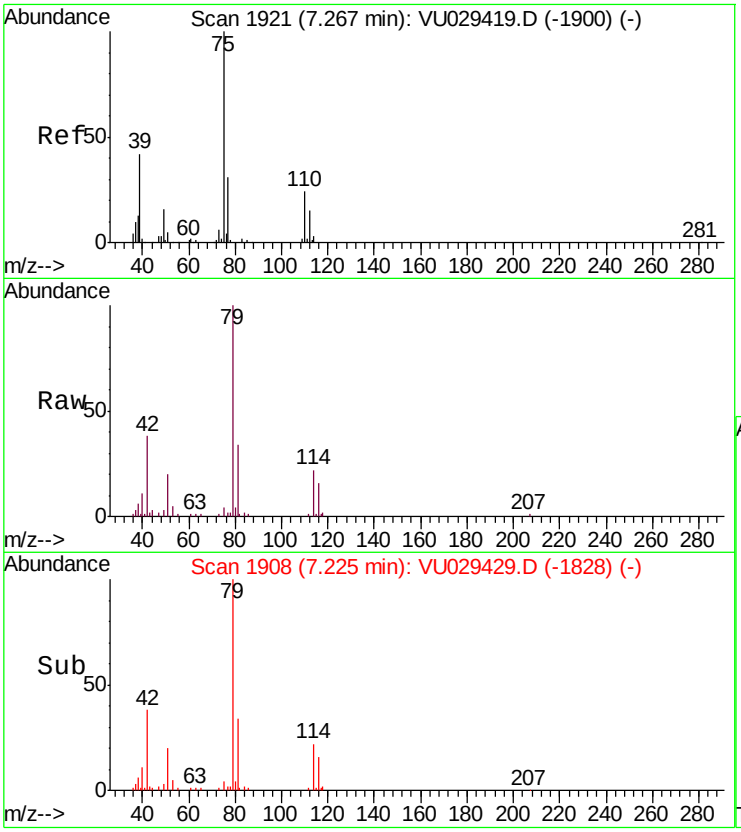


#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Tgt Ion: 63 Resp: 8093

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



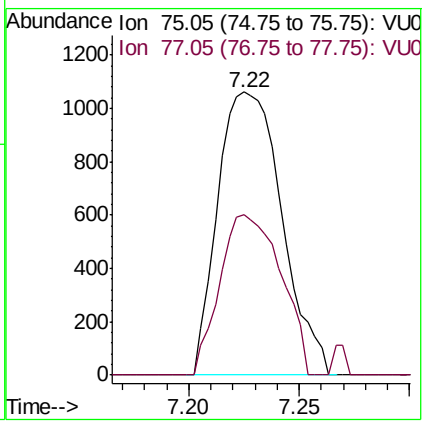


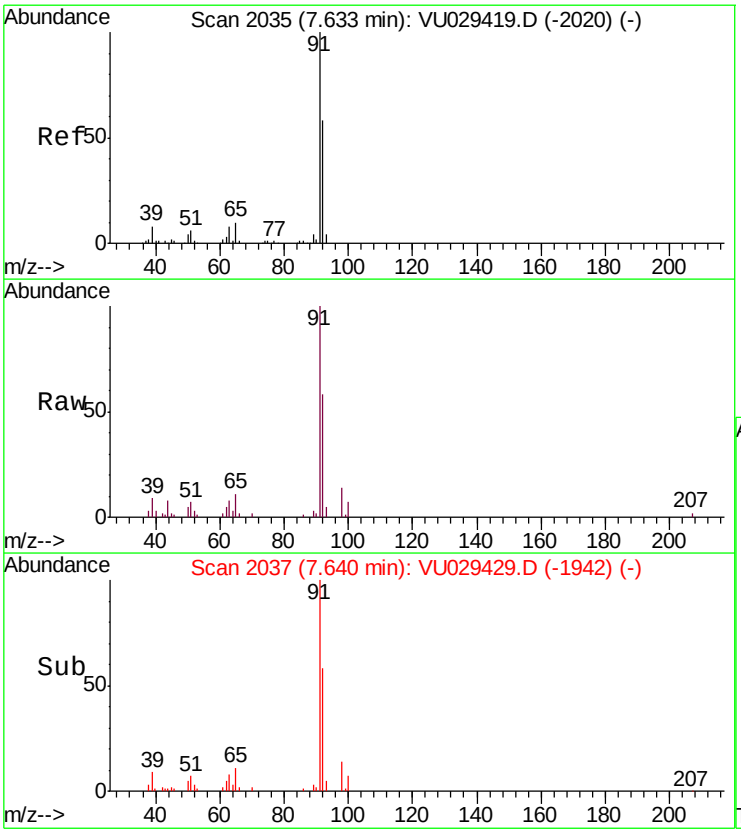
#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Instrument : MSVOA_U
ClientSampleId : ESXB0

Tgt Ion: 75 Resp: 2141

Ion	Ratio	Lower	Upper
75	100		
77	56.6	22.3	41.3#

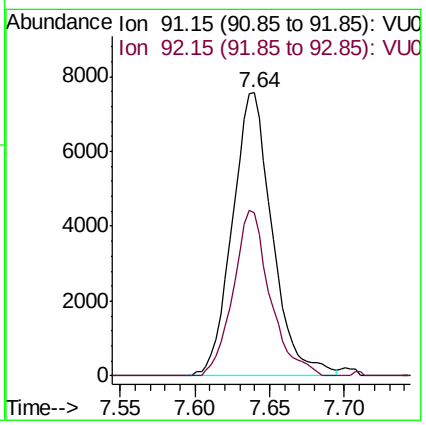


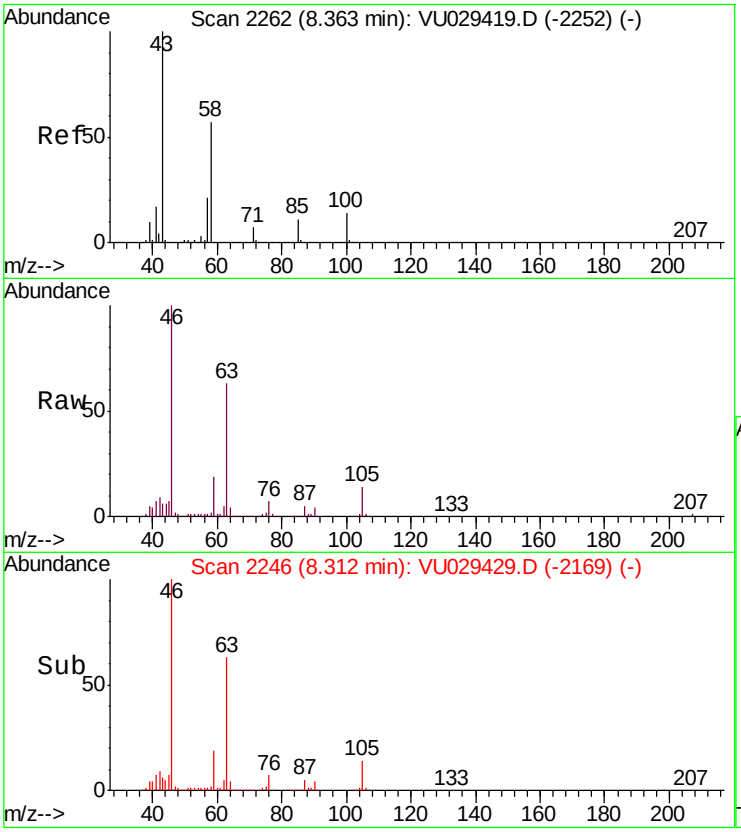


#42
Toluene
Concen: 0.223 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Tgt Ion: 91 Resp: 14067

Ion	Ratio	Lower	Upper
91	100		
92	57.8	39.8	73.8



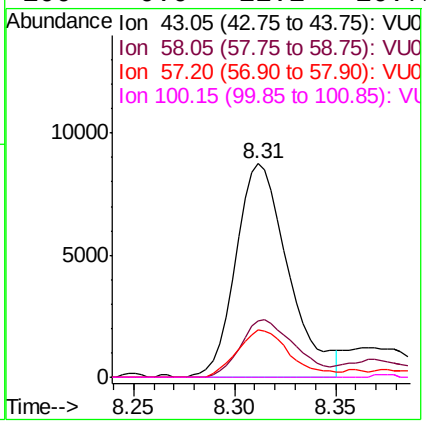


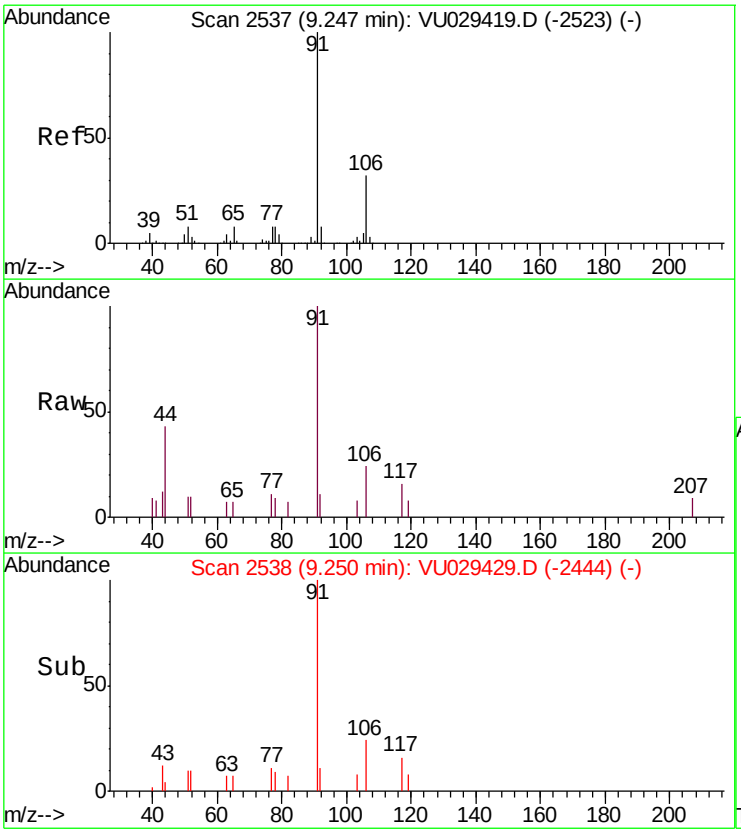
#48
2-Hexanone
Concen: 2.693 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Instrument : MSVOA_U
ClientSampleId : ESXB0

Tgt Ion: 43 Resp: 15924

Ion	Ratio	Lower	Upper
43	100		
58	28.1	45.7	68.5#
57	22.2	16.4	24.6
100	0.0	11.1	16.7#

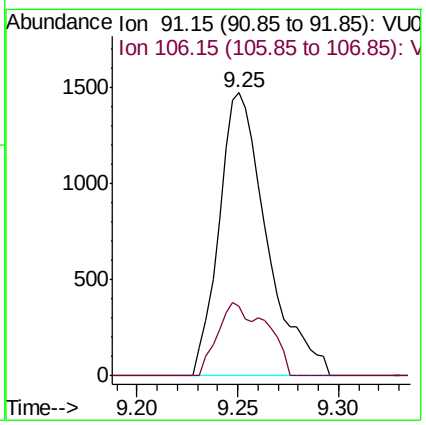


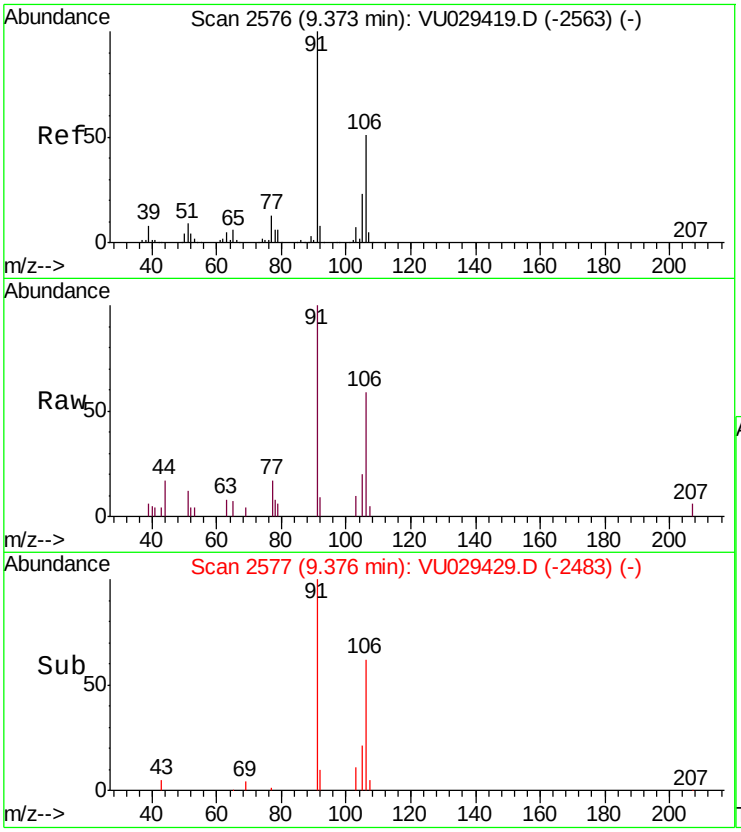


#52
Ethylbenzene
Concen: 0.034 ug/L
RT: 9.25 min Scan# 2538
Delta R.T. 0.00 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Tgt Ion: 91 Resp: 2432

Ion	Ratio	Lower	Upper
91	100		
106	24.4	22.8	42.4



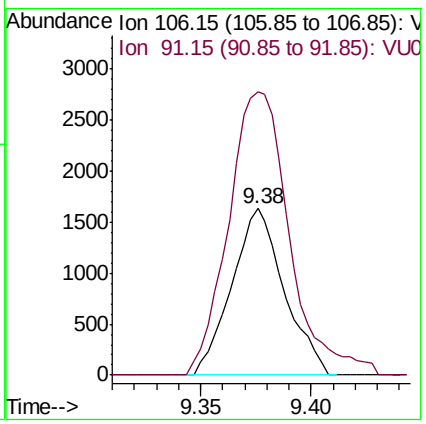


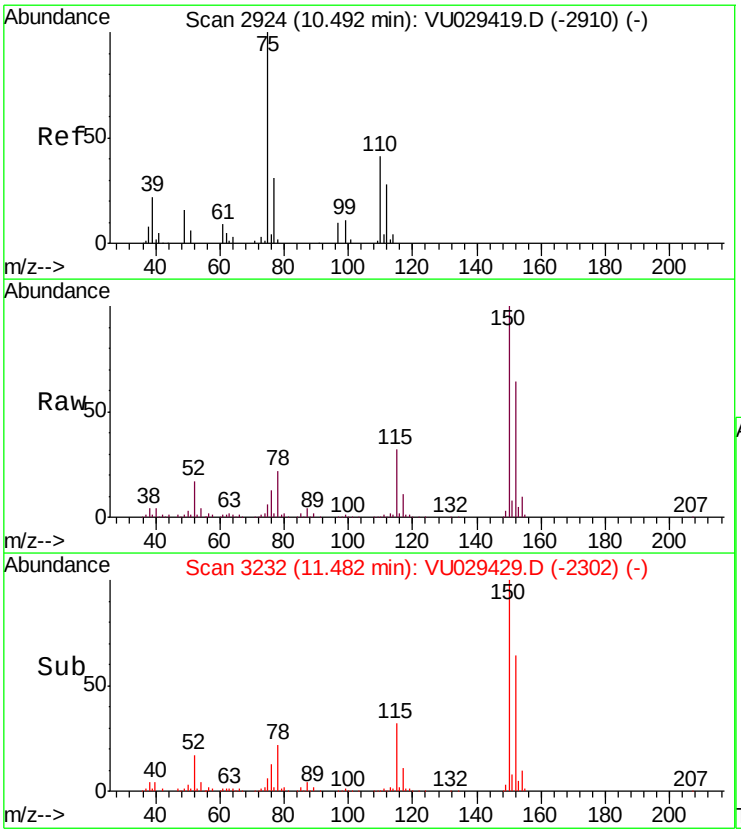
#53
m,p-xylene
Concen: 0.094 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Instrument :
MSVOA_U
ClientSampleId :
ESXB0

Tgt Ion:106 Resp: 2686

Ion	Ratio	Lower	Upper
106	100		
91	169.7	135.7	251.9





#59
1,2,3-Trichloropropane
Concen: 1.124 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029429.D
Acq: 12 Feb 2019 18:55

Tgt Ion: 75 Resp: 10153

Ion	Ratio	Lower	Upper
75	100		
77	40.8	28.2	42.2