Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

Quantitation Report (Not Reviewed)

Data File : VU029507.D
Acq On : 15 Feb 2019 19:43
Operator : JC/SP
Sample : K1438-18DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE0DL

Quant Time: Feb 16 00:18:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	186941	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	97855	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	62390	4.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%			
7) Chloroethane-d5	1.68	69	60765	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.60%			
11) 1,1-Dichloroethene-d2	2.27	63	100280	3.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.40%			
20) 2-Butanone-d5	4.20	46	133609	51.16	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.32%			
24) Chloroform-d	4.65	84	97650	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.80%			
26) 1,2-Dichloroethane-d4	5.31	65	54965	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	5.34	84	219735	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.33	67	65171	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.56	98	217828	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
43) trans-1,3-Dichloropropene-	7.85	79	26032	4.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.60%			
46) 2-Hexanone-d5	8.31	63	140018	51.80	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.60%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56217	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	95184	5.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.40%			
Target Compounds						Qvalue
3) Chloromethane	1.30	50	2964	0.192	ug/L #	77
5) Vinyl chloride	1.40	62	112645	6.257	ug/L	97
8) Chloroethane	1.56	64	100832	8.601	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1144	0.070	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	1484	0.096	ug/L #	1
13) Acetone	2.34	43	2495	1.052	ug/L	97
15) Methyl Acetate	2.70	43	1066	0.175	ug/L #	51
16) Methylene chloride	2.70	84	7630	0.441	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	5980	0.365	ug/L	91
22) cis-1,2-Dichloroethene	4.22	96	92285	6.116	ug/L	97
25) Chloroform	4.67	83	3732	0.151	ug/L	100
27) 1,2-Dichloroethane	5.34	62	1040	0.073	ug/L #	72
30) Cyclohexane	4.98	56	14061	0.641	ug/L	99
35) Methylcyclohexane	6.41	83	9494	0.369	ug/L	98
37) 1,2-Dichloropropane	6.33	63	7084	0.519	ug/L #	87
48) 2-Hexanone	8.37	43	1796	0.313	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	9835	1.124	ug/L	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021619\

Quantitation Report (Not Reviewed)

Data File : VU029507.D
Acq On : 15 Feb 2019 19:43
Operator : JC/SP
Sample : K1438-18DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE0DL

Quant Time: Feb 16 00:18:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 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\VU021619\

Quantitation Report (Not Reviewed)

Data File : VU029507.D
Acq On : 15 Feb 2019 19:43
Operator : JC/SP
Sample : K1438-18DL 4X
Misc : 25.0mL/MSVOA_U/WATER
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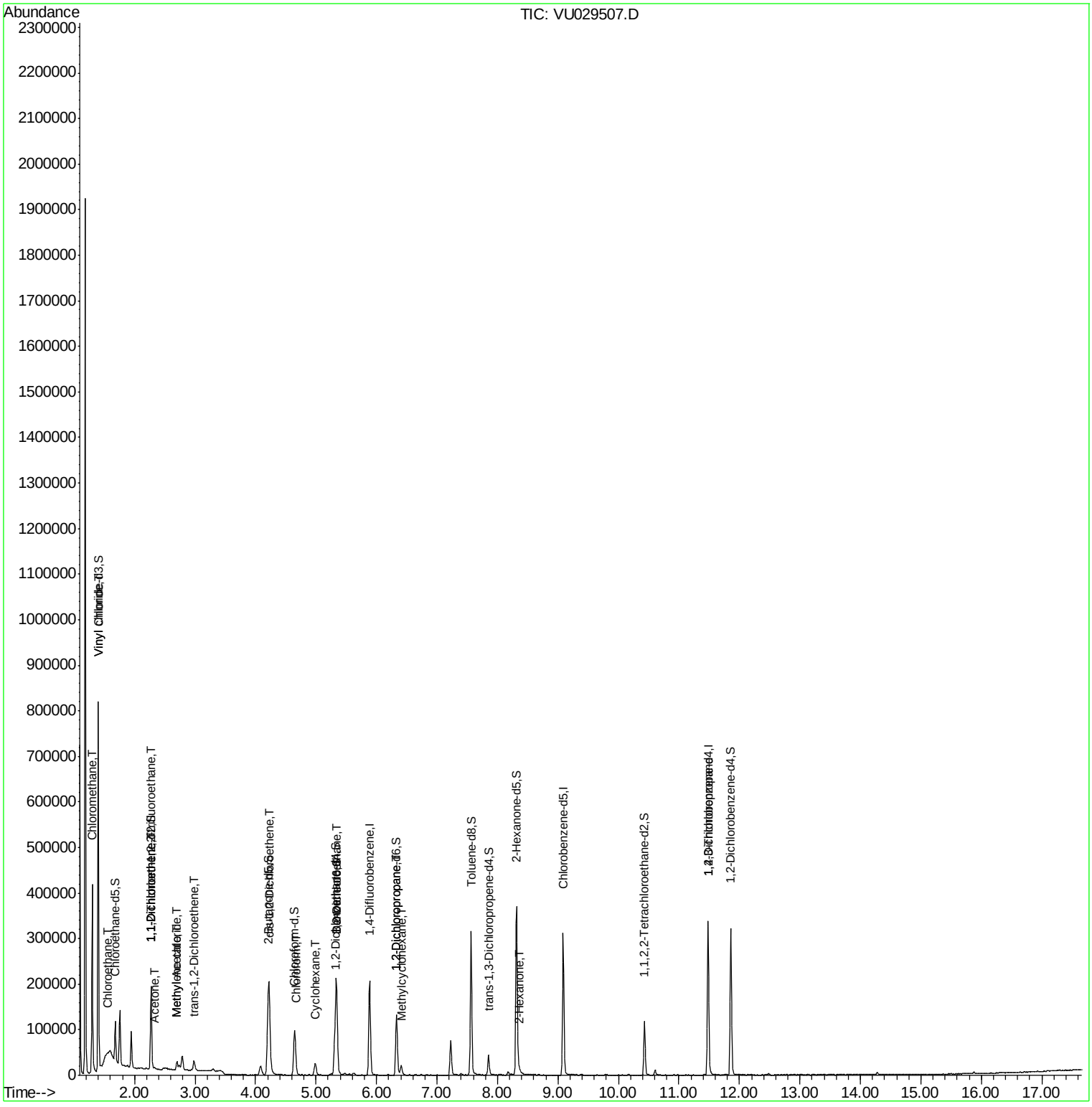
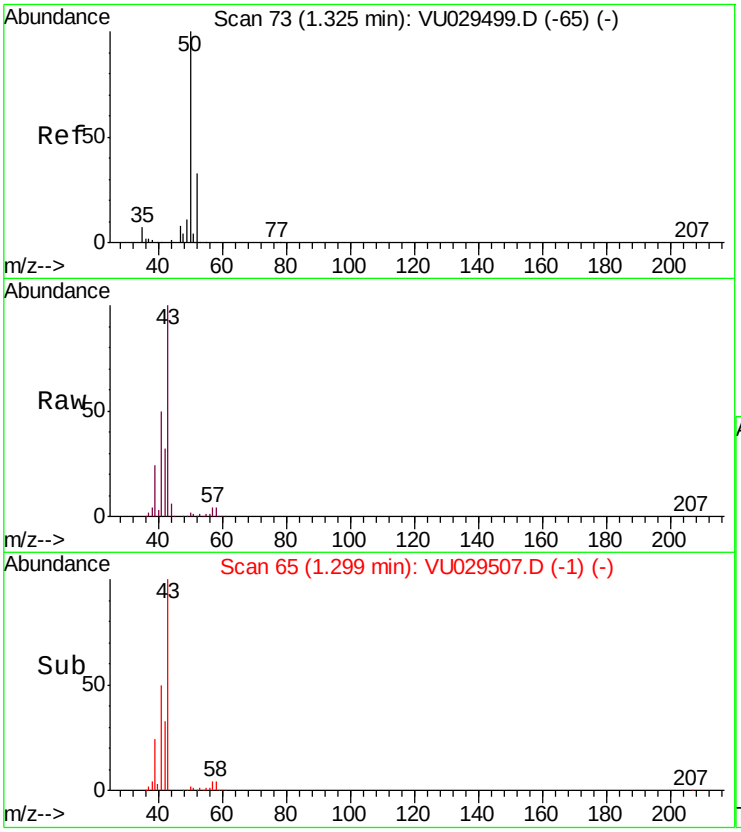
Instrument :
MSVOA_U
ClientSampleId :
ESXE0DL

Quant Time: Feb 16 00:18:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 16 00:13:53 2019
Response via : Initial Calibration



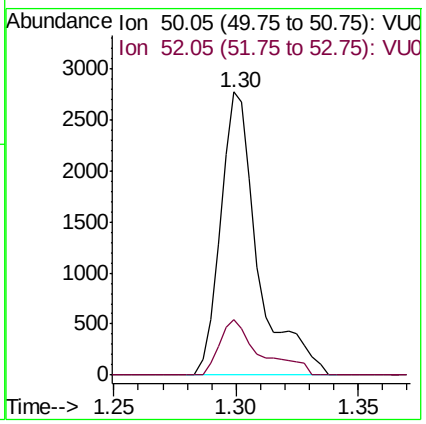


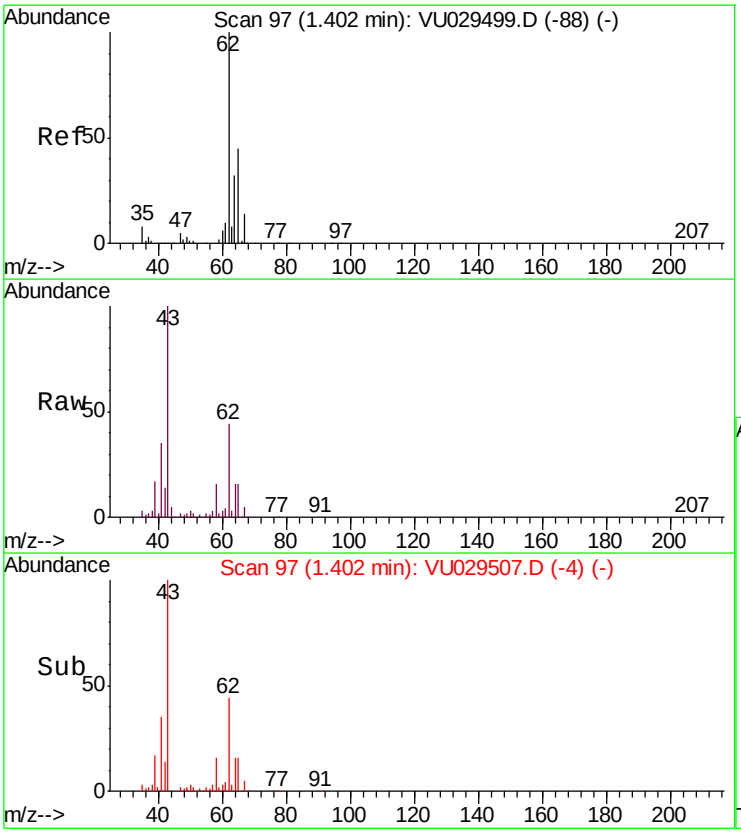
#3
Chloromethane
Concen: 0.192 ug/L
RT: 1.30 min Scan# 65
Delta R.T. -0.03 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Instrument : MSVOA_U
ClientSampleId : ESXE0DL

Tgt Ion: 50 Resp: 2964

Ion	Ratio	Lower	Upper
50	100		
52	19.8	23.1	42.9#

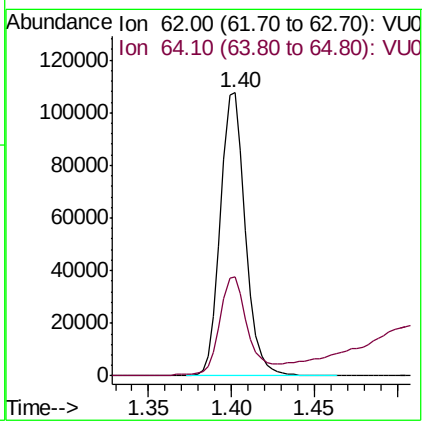


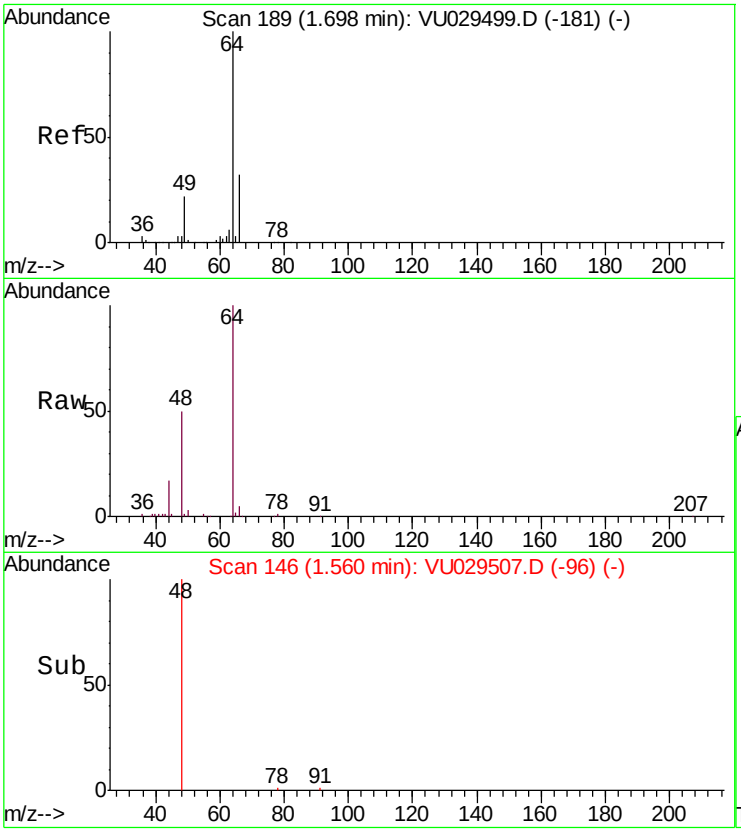


#5
Vinyl chloride
Concen: 6.257 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Tgt Ion: 62 Resp: 112645

Ion	Ratio	Lower	Upper
62	100		
64	35.2	23.5	43.7



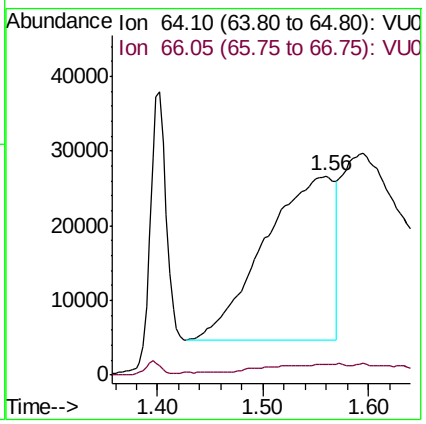


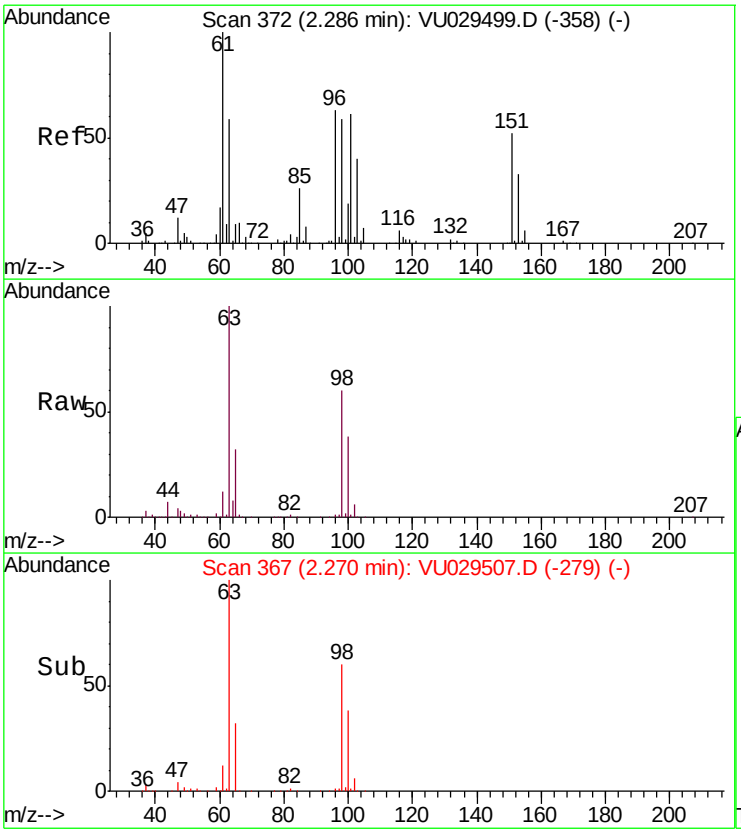
#8
Chloroethane
Concen: 8.601 ug/L
RT: 1.56 min Scan# 146
Delta R.T. -0.14 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ESXE0DL

Tgt Ion: 64 Resp: 100832

Ion	Ratio	Lower	Upper
64	100		
66	5.4	22.0	40.8#

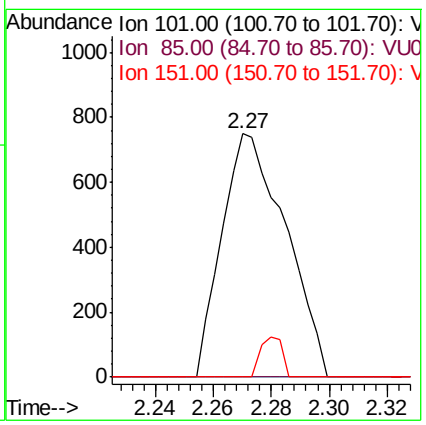


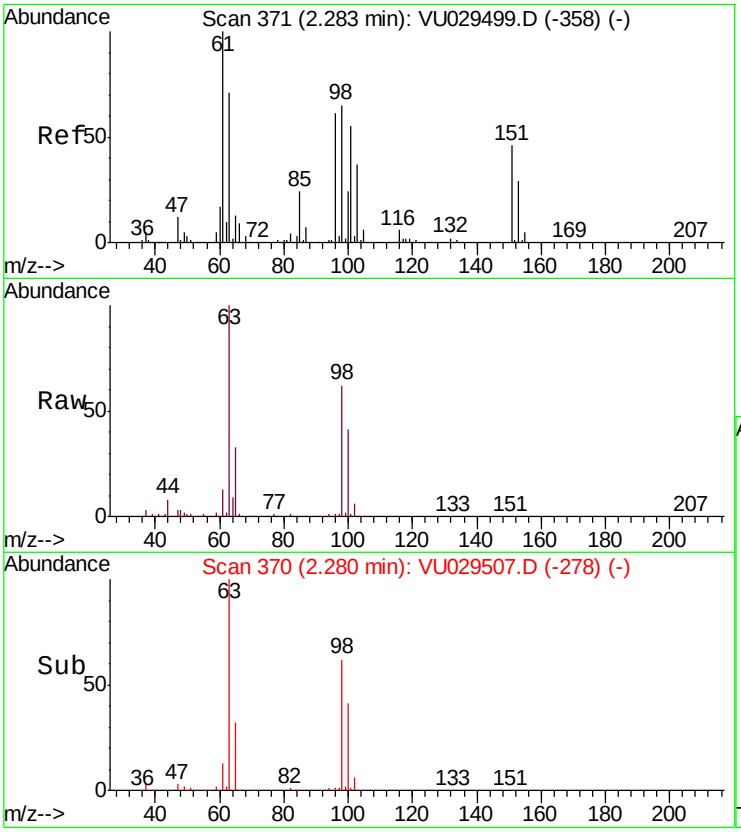


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.070 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Tgt Ion:101 Resp: 1144

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	5.8	67.0	100.6#



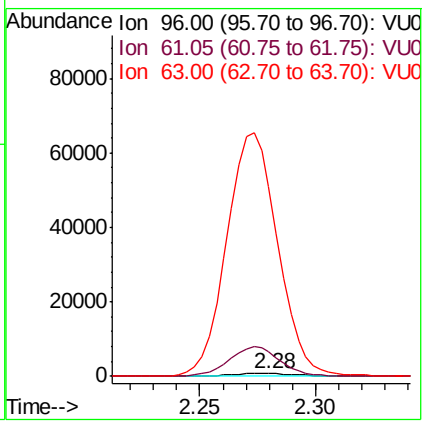


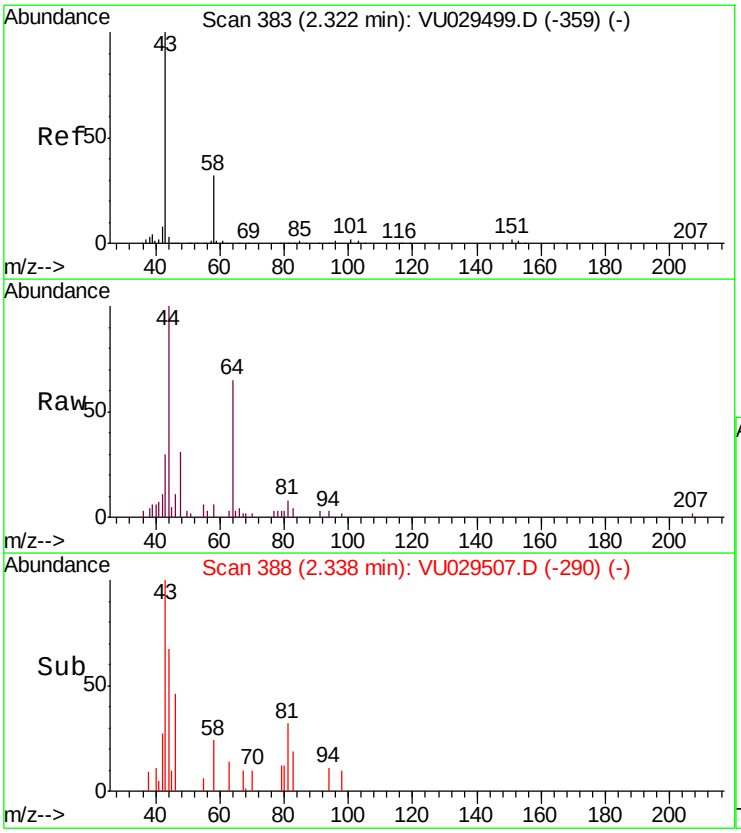
#12
1,1-Dichloroethene
Concen: 0.096 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ESXE0DL

Tgt Ion: 96 Resp: 1484

Ion	Ratio	Lower	Upper
96	100		
61	912.7	115.1	213.7#
63	7089.5	83.5	155.1#

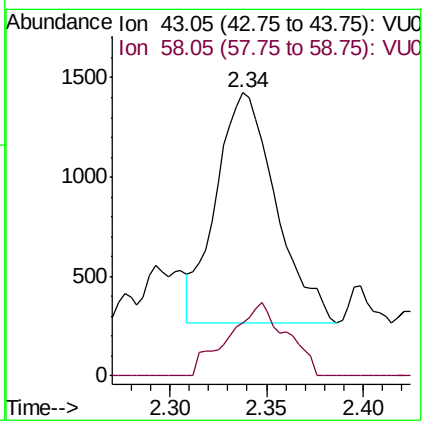


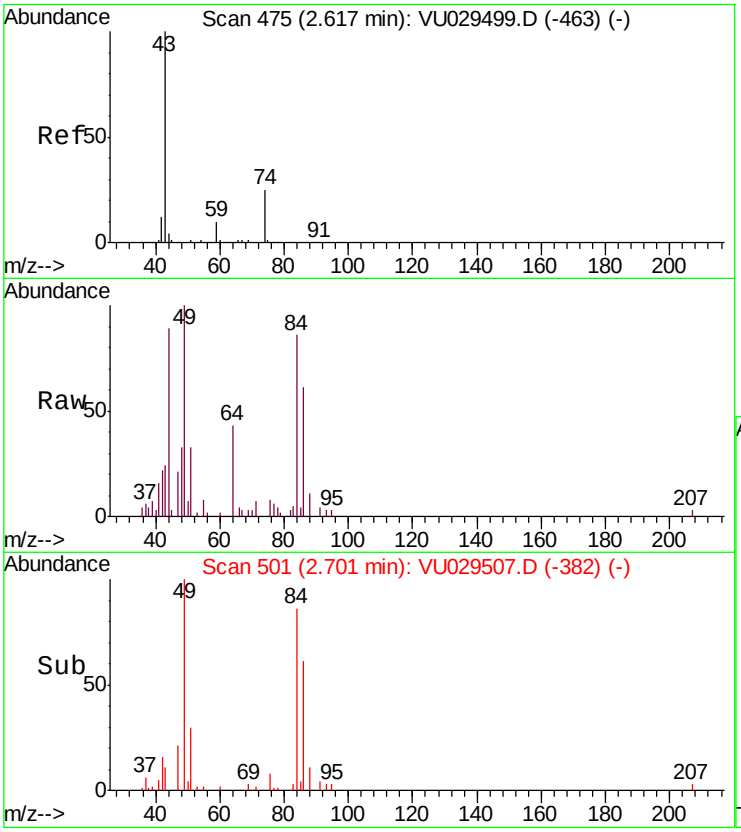


#13
Acetone
Concen: 1.052 ug/L
RT: 2.34 min Scan# 388
Delta R.T. 0.02 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Tgt Ion: 43 Resp: 2495

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	65.0



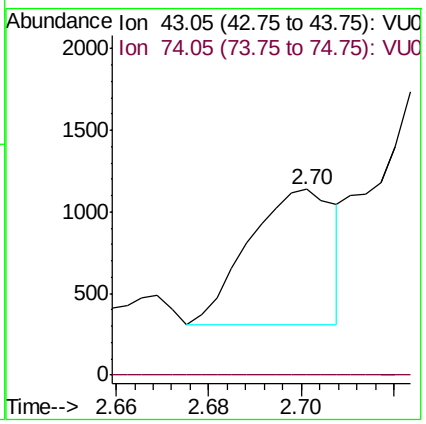


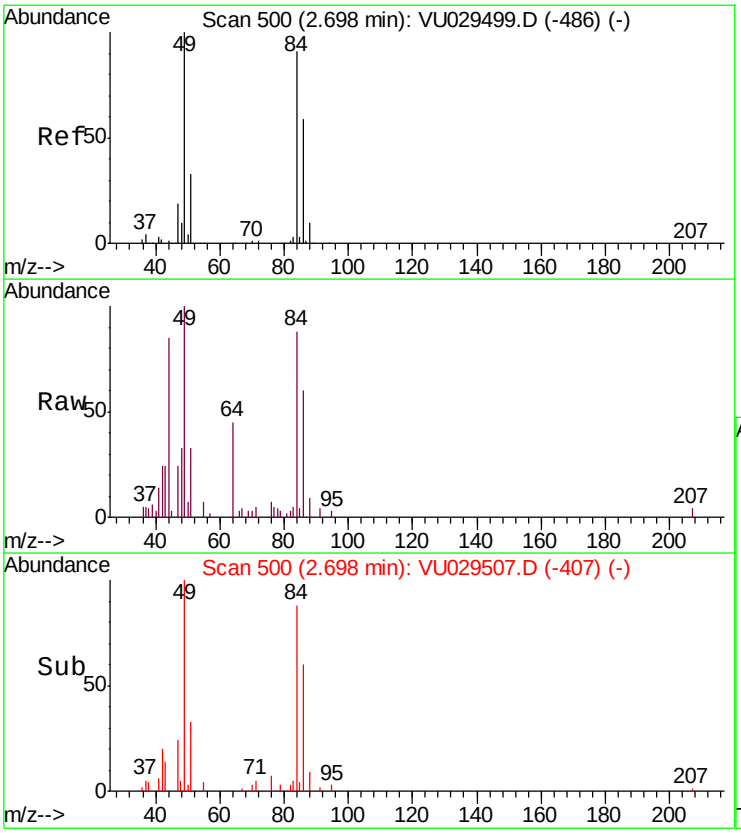
#15
Methyl Acetate
Concen: 0.175 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.08 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ESXE0DL

Tgt Ion: 43 Resp: 1066

Ion	Ratio	Lower	Upper
43	100		
74	2.0	22.3	33.5#

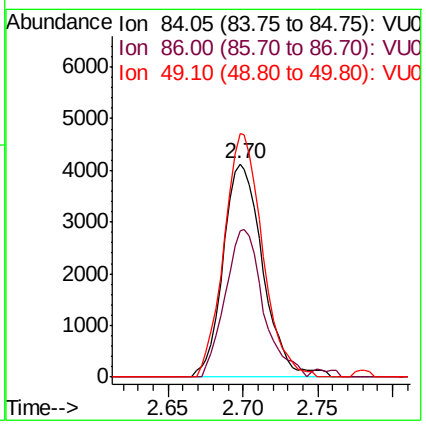


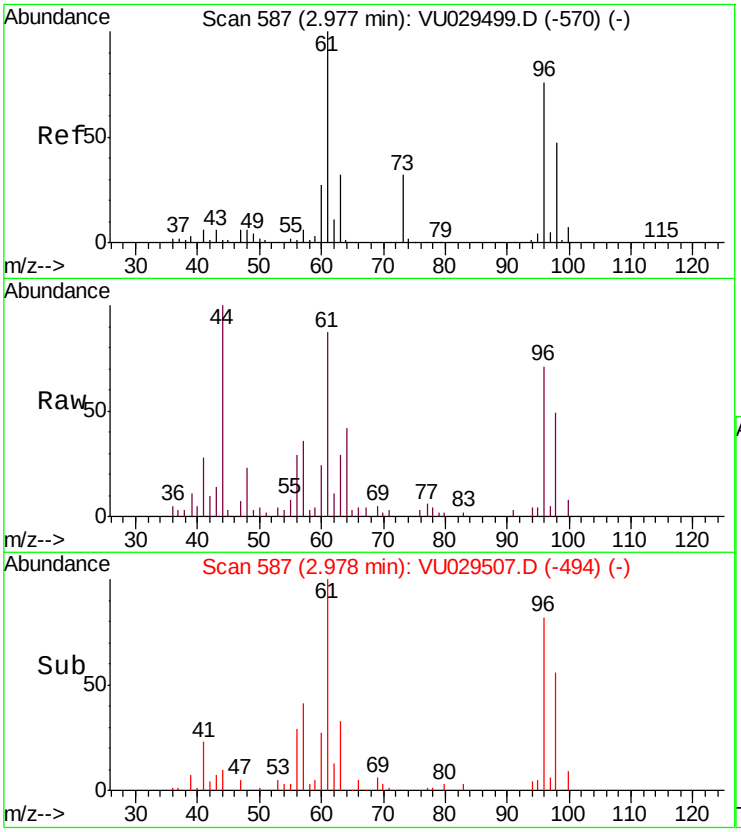


#16
Methylene chloride
Concen: 0.441 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Tgt Ion: 84 Resp: 7630

Ion	Ratio	Lower	Upper
84	100		
86	68.6	45.1	83.9
49	114.1	81.8	151.8



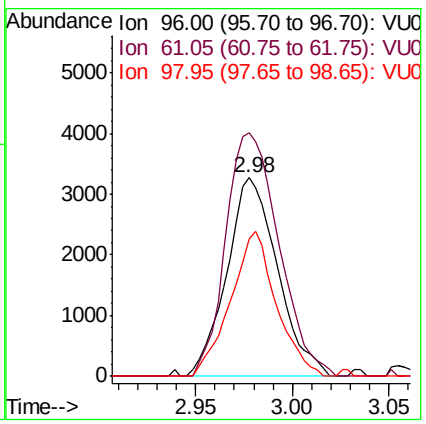


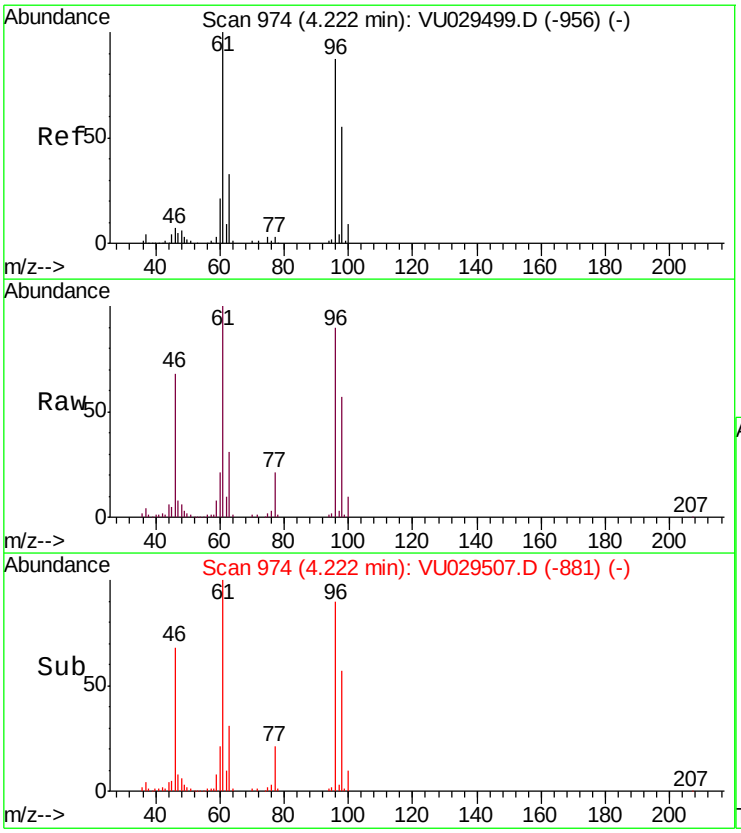
#18
trans-1,2-Dichloroethene
Concen: 0.365 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ESXE0DL

Tgt Ion: 96 Resp: 5980

Ion	Ratio	Lower	Upper
96	100		
61	122.6	95.4	177.2
98	69.2	45.8	85.2

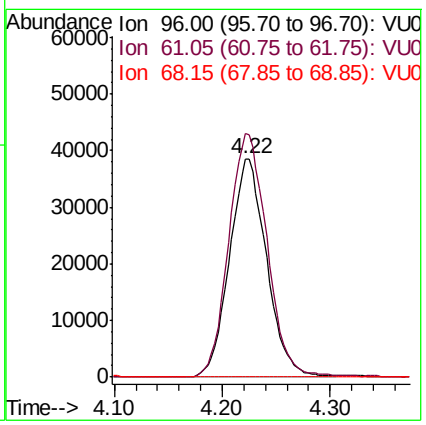


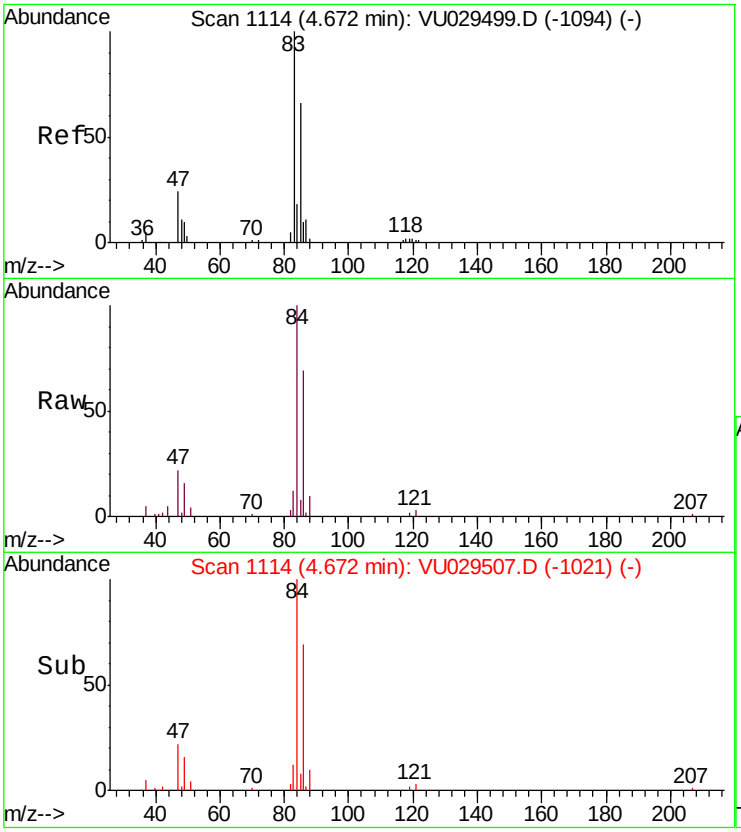


#22
cis-1,2-Dichloroethene
Concen: 6.116 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Tgt Ion: 96 Resp: 92285

Ion	Ratio	Lower	Upper
96	100		
61	111.5	79.9	148.5
68	0.0	0.0	0.0



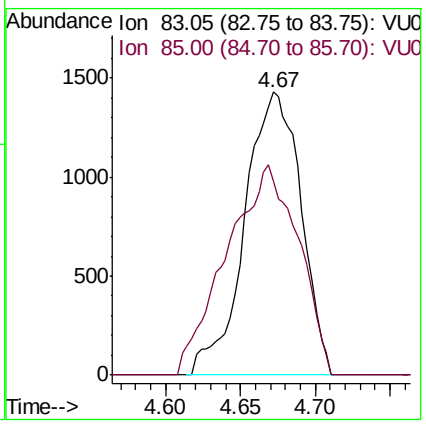


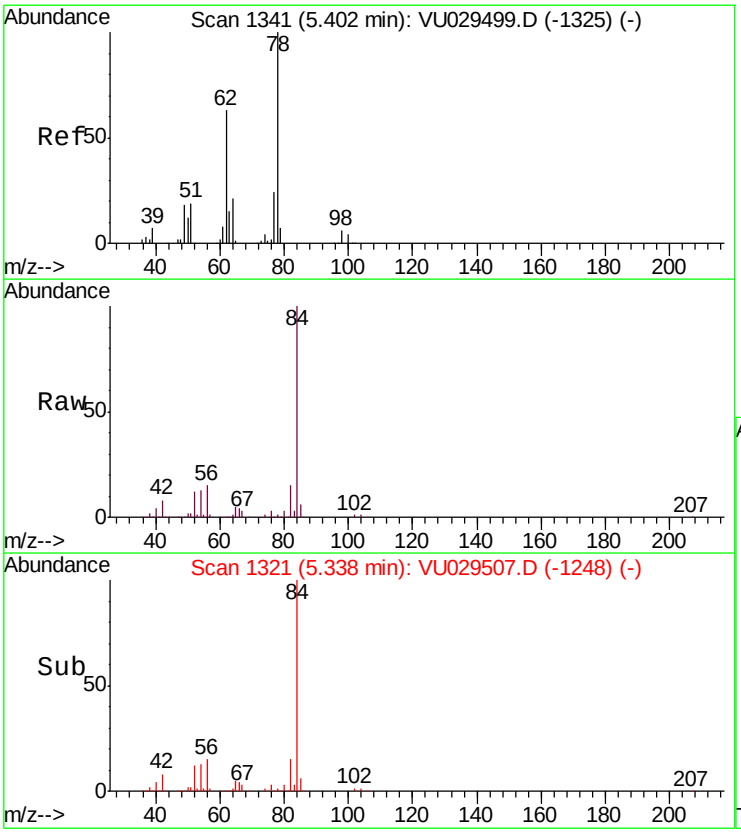
#25
Chloroform
Concen: 0.151 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Instrument : MSVOA_U
ClientSampleId : ESXE0DL

Tgt Ion: 83 Resp: 3732

Ion	Ratio	Lower	Upper
83	100		
85	68.4	47.8	88.8

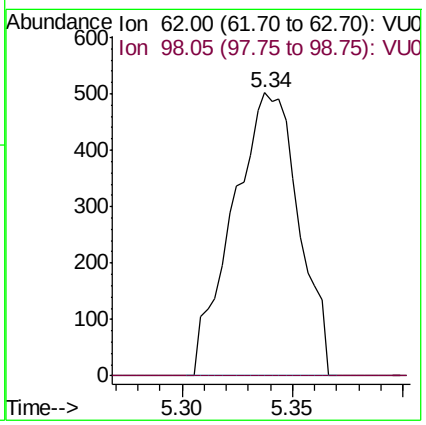


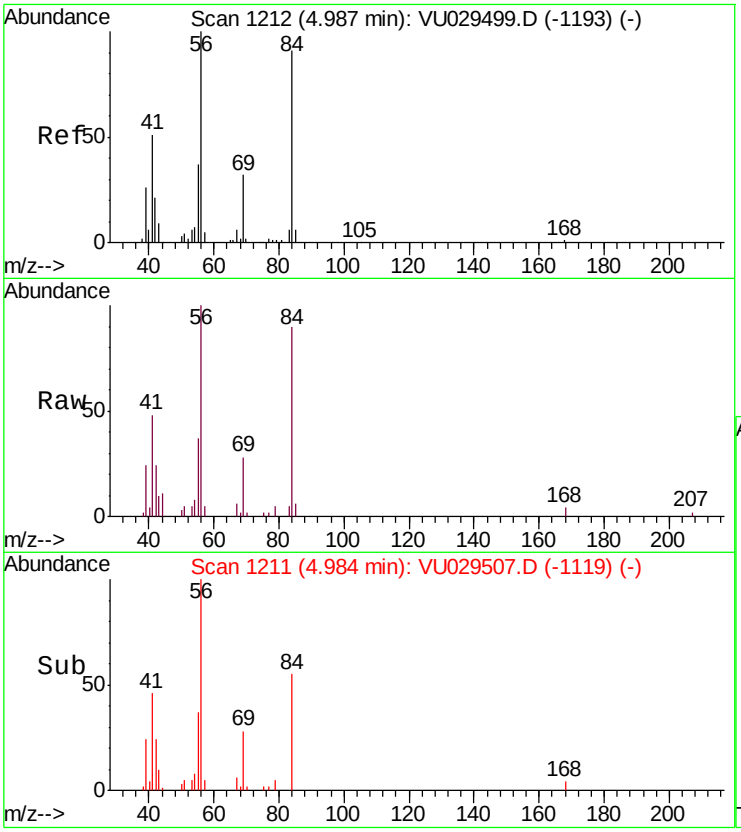


#27
1,2-Dichloroethane
Concen: 0.073 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Tgt Ion: 62 Resp: 1040

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.4	12.6#



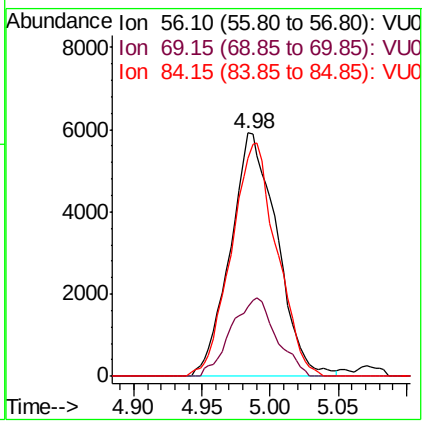


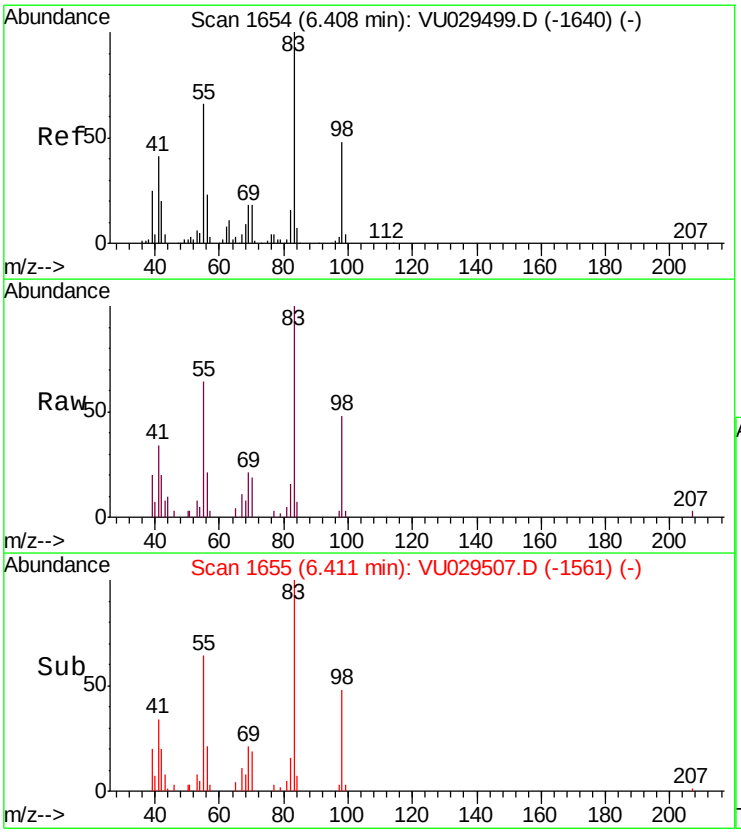
#30
Cyclohexane
Concen: 0.641 ug/L
RT: 4.98 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ESXE0DL

Tgt Ion: 56 Resp: 14061

Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.8	38.6
84	93.6	75.0	112.6

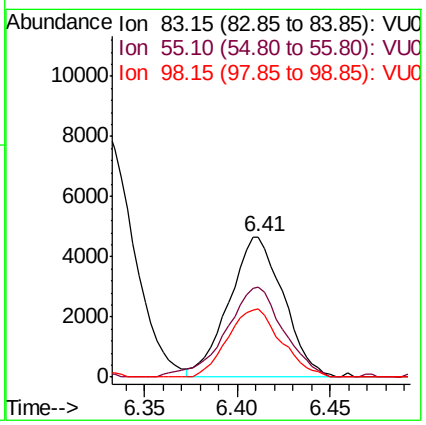


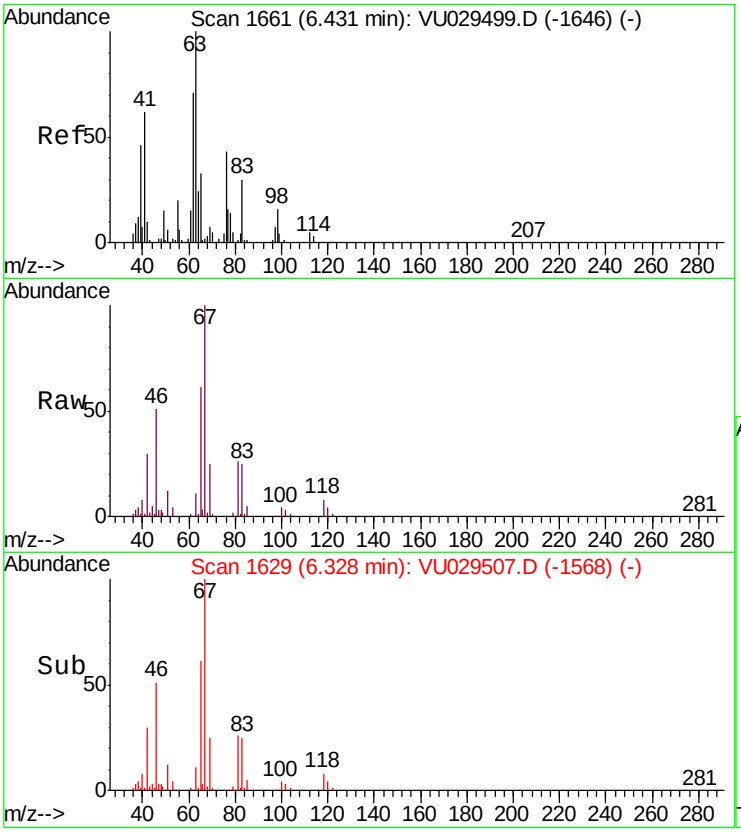


#35
Methylcyclohexane
Concen: 0.369 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Tgt Ion: 83 Resp: 9494

Ion	Ratio	Lower	Upper
83	100		
55	67.9	55.9	83.9
98	47.8	38.6	57.8



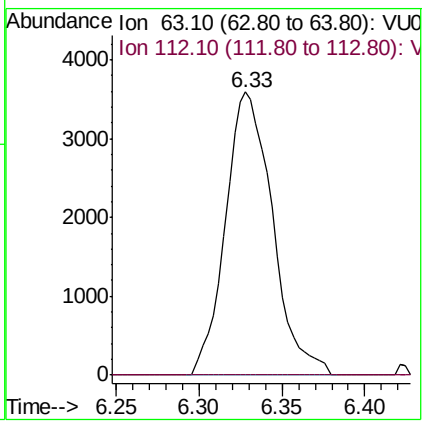


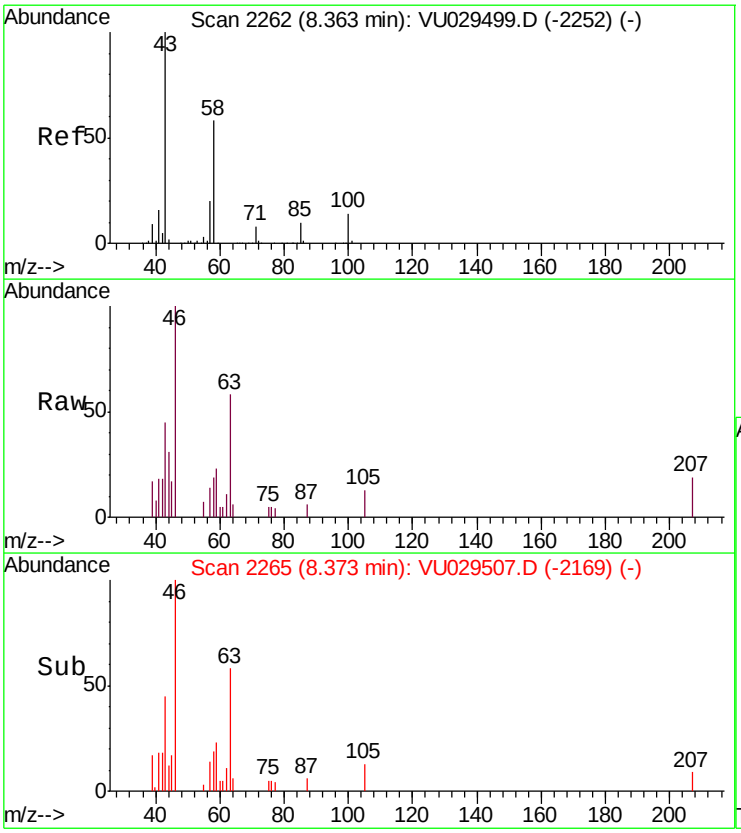
#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Instrument : MSVOA_U
ClientSampleId : ESXE0DL

Tgt Ion: 63 Resp: 7084

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

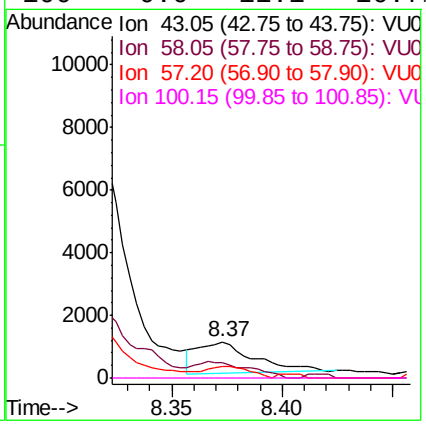


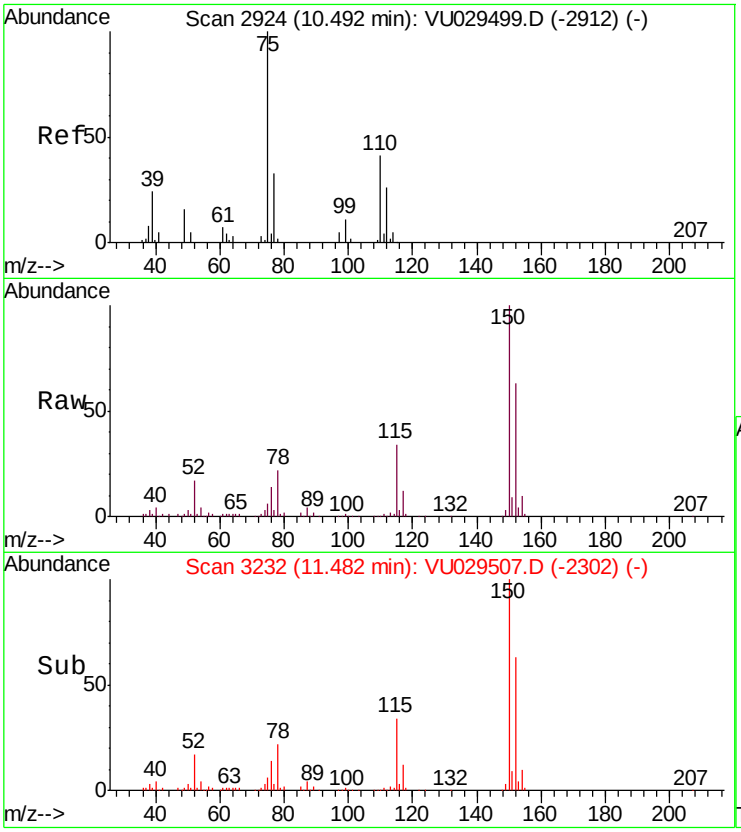


#48
2-Hexanone
Concen: 0.313 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.01 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Tgt Ion: 43 Resp: 1796

Ion	Ratio	Lower	Upper
43	100		
58	52.3	45.7	68.5
57	28.3	16.4	24.6#
100	0.0	11.1	16.7#





#59
1,2,3-Trichloropropane
Concen: 1.124 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029507.D
Acq: 15 Feb 2019 19:43

Instrument :
MSVOA_U
ClientSampleId :
ESXE0DL

Tgt Ion: 75 Resp: 9835

Ion	Ratio	Lower	Upper
75	100		
77	41.6	28.2	42.2