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

Quantitation Report (Not Reviewed)

Data File : VU029470.D
Acq On : 14 Feb 2019 21:06
Operator : JC/SP
Sample : K1438-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXC2

Quant Time: Feb 15 01:58:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	187319	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	172730	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87569	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	46933	3.73	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.60%			
7) Chloroethane-d5	1.68	69	45989	4.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.80%			
11) 1,1-Dichloroethene-d2	2.27	63	78689	2.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.60%#			
20) 2-Butanone-d5	4.19	46	131439	50.23	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.46%			
24) Chloroform-d	4.65	84	87581	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
26) 1,2-Dichloroethane-d4	5.31	65	48639	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
32) Benzene-d6	5.34	84	188440	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
36) 1,2-Dichloropropane-d6	6.33	67	59084	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.56	98	177384	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
43) trans-1,3-Dichloropropene-	7.85	79	22767	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	8.31	63	130757	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	51421	4.82	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	78734	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	54707	4.657	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	736	0.045	ug/L #	16
12) 1,1-Dichloroethene	2.28	96	1236	0.080	ug/L #	1
13) Acetone	2.32	43	1638	0.689	ug/L	95
17) Methyl tert-butyl Ether	3.00	73	1960	0.051	ug/L #	75
19) 1,1-Dichloroethane	3.44	63	2137	0.086	ug/L #	77
25) Chloroform	4.67	83	5954	0.240	ug/L	96
27) 1,2-Dichloroethane	5.34	62	819	0.057	ug/L #	72
29) 1,1,1-Trichloroethane	4.91	97	39703	1.858	ug/L	96
31) Carbon tetrachloride	4.91	117	5679	0.294	ug/L	96
35) Methylcyclohexane	6.33	83	13874	0.577	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6510	0.511	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1513	0.075	ug/L #	71
48) 2-Hexanone	8.36	43	1604	0.300	ug/L #	90
53) m,p-xylene	9.38	106	2947	0.114	ug/L	68
59) 1,2,3-Trichloropropane	11.48	75	8878	1.087	ug/L	98

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

Quantitation Report (Not Reviewed)

Data File : VU029470.D
Acq On : 14 Feb 2019 21:06
Operator : JC/SP
Sample : K1438-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXC2

Quant Time: Feb 15 01:58:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 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\VU021419\

Quantitation Report (Not Reviewed)

Data File : VU029470.D
Acq On : 14 Feb 2019 21:06
Operator : JC/SP
Sample : K1438-09
Misc : 25.0mL/MSVOA_U/WATER
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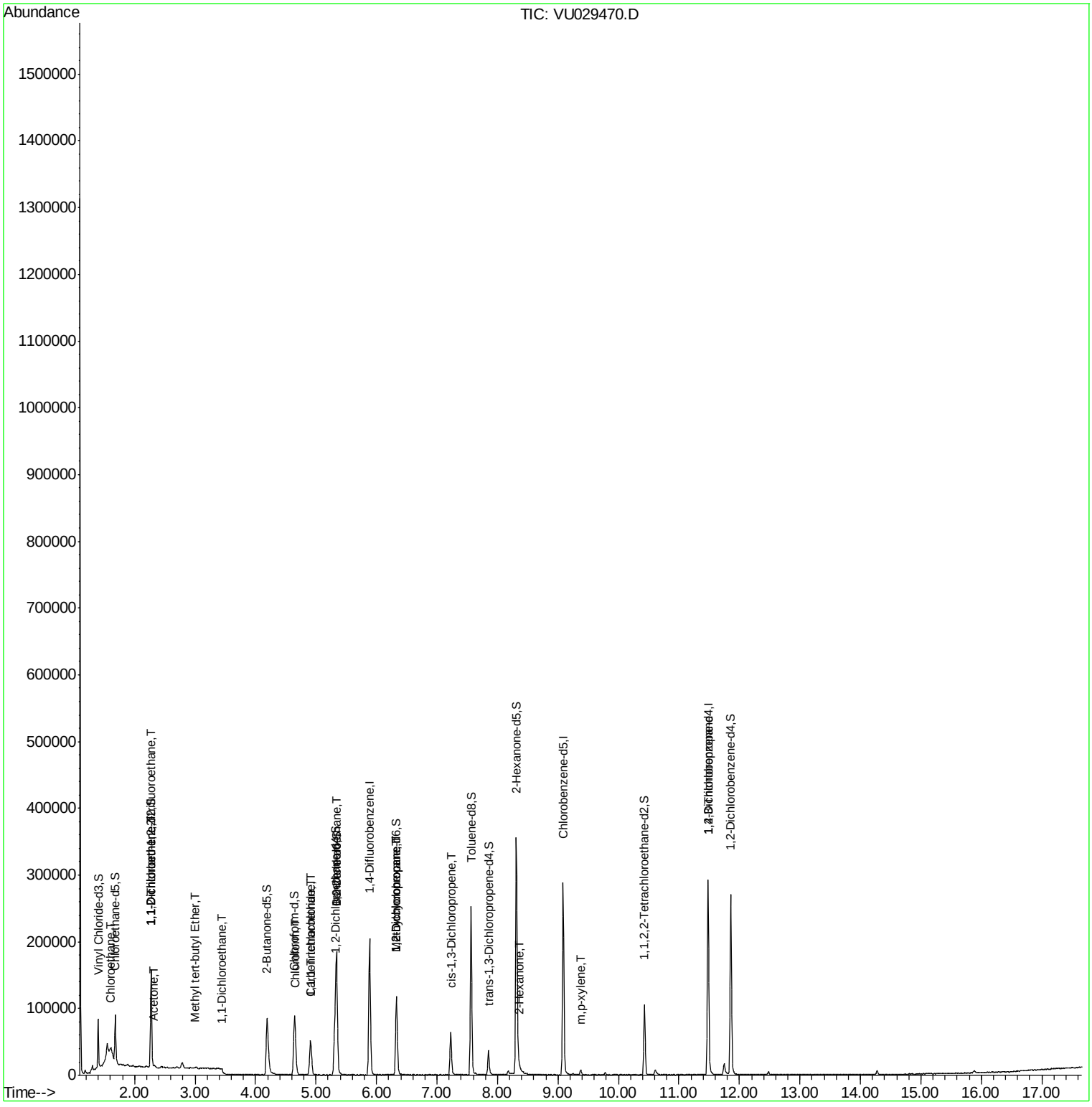
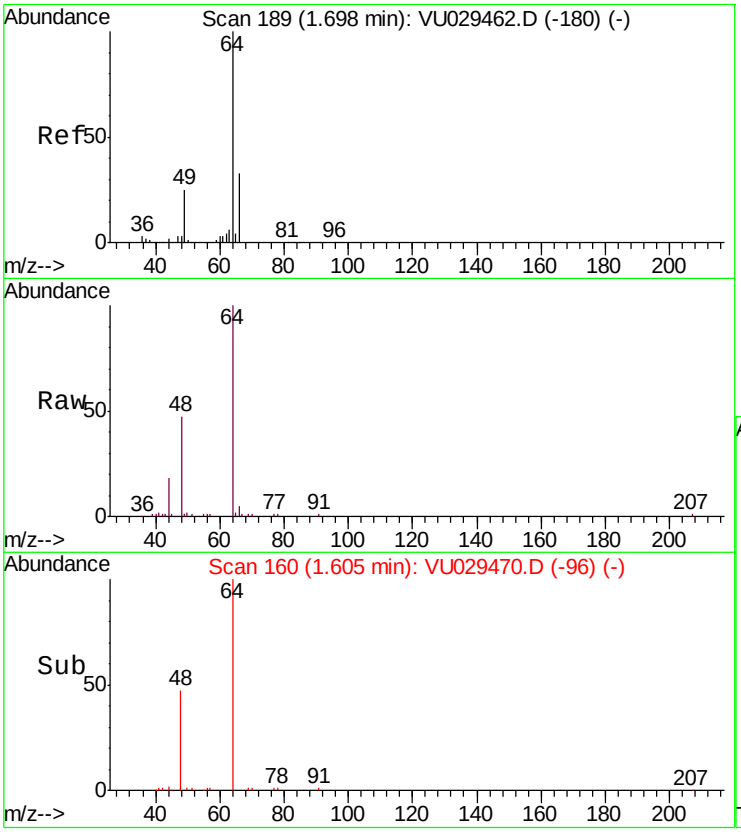
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration



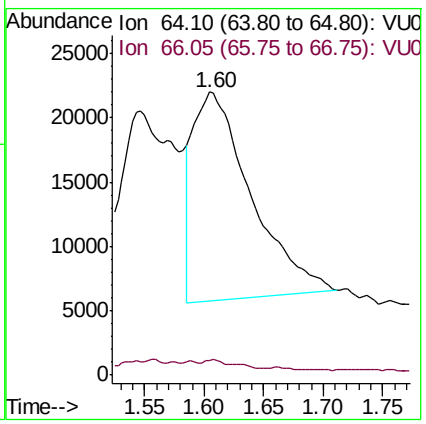


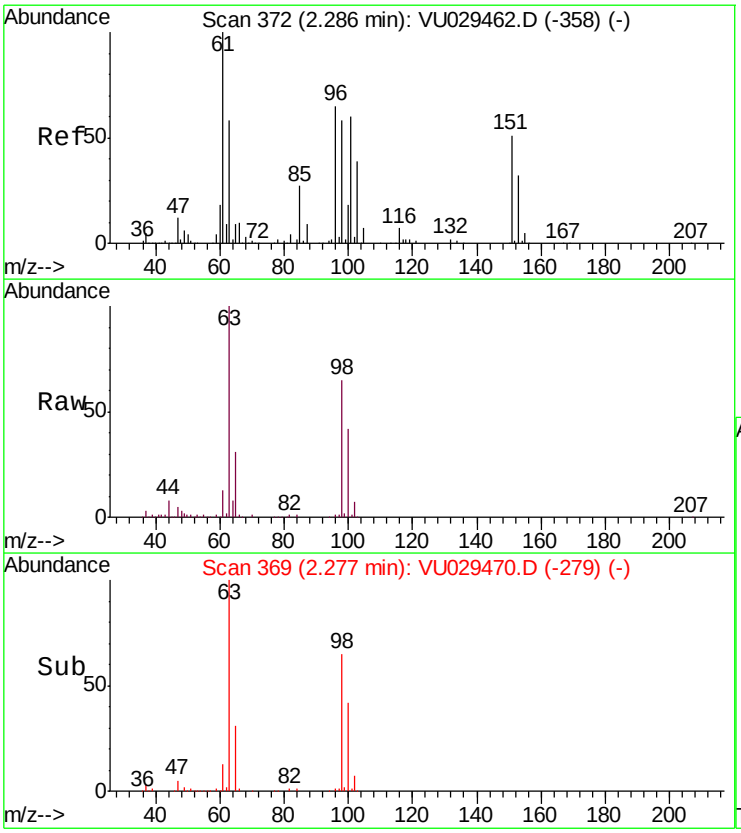
#8
Chloroethane
Concen: 4.657 ug/L
RT: 1.60 min Scan# 160
Delta R.T. -0.09 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Instrument :
MSVOA_U
ClientSampleId :
ESXC2

Tgt Ion: 64 Resp: 54707

Ion	Ratio	Lower	Upper
64	100		
66	5.4	22.0	40.8#

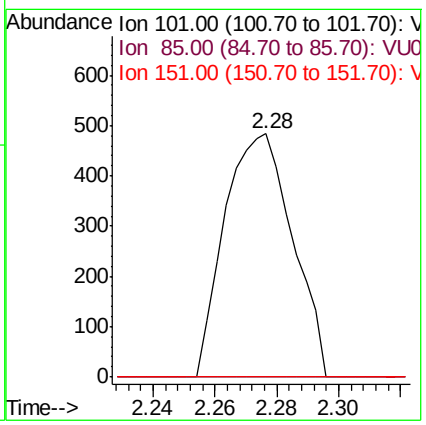


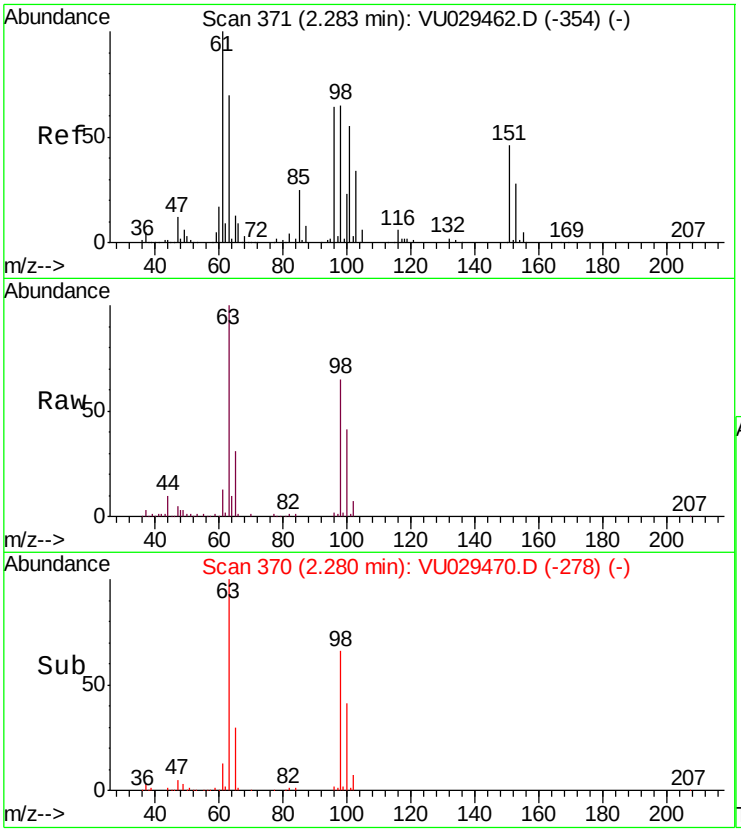


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Tgt Ion:101 Resp: 736

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



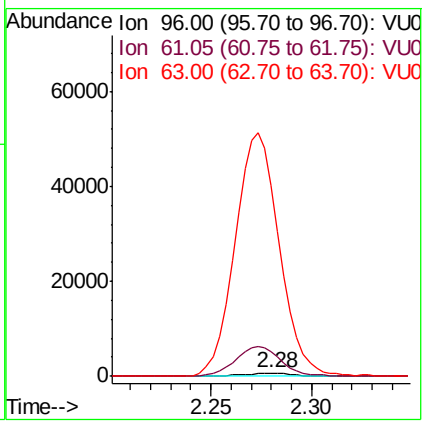


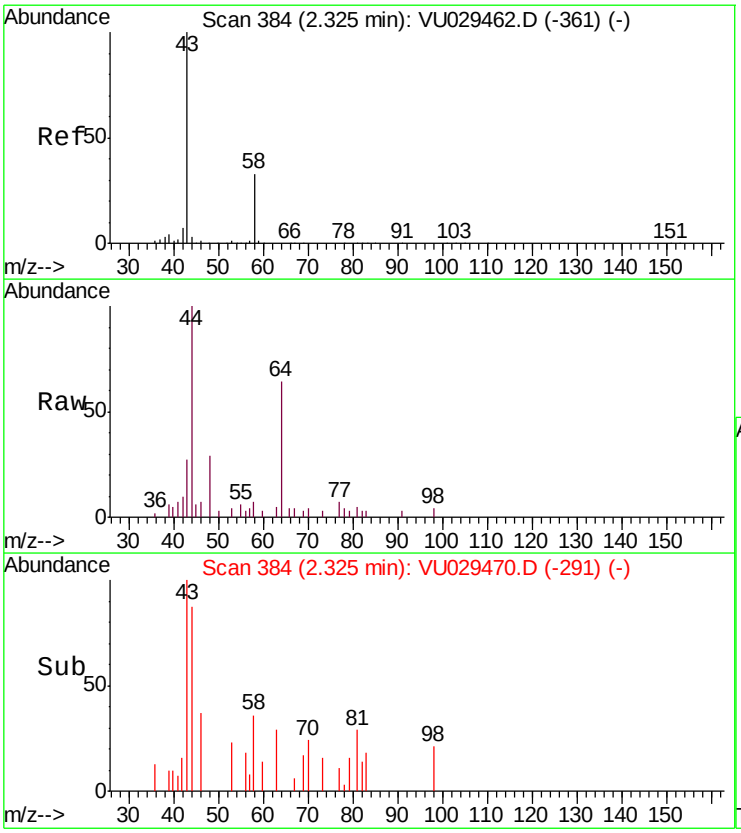
#12
1,1-Dichloroethene
Concen: 0.080 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Instrument :
MSVOA_U
ClientSampleId :
ESXC2

Tgt Ion: 96 Resp: 1236

Ion	Ratio	Lower	Upper
96	100		
61	769.5	115.1	213.7#
63	5846.2	83.5	155.1#

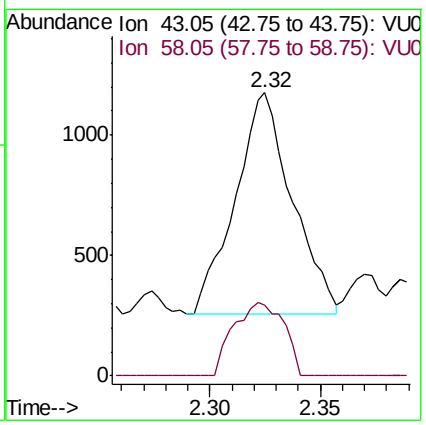


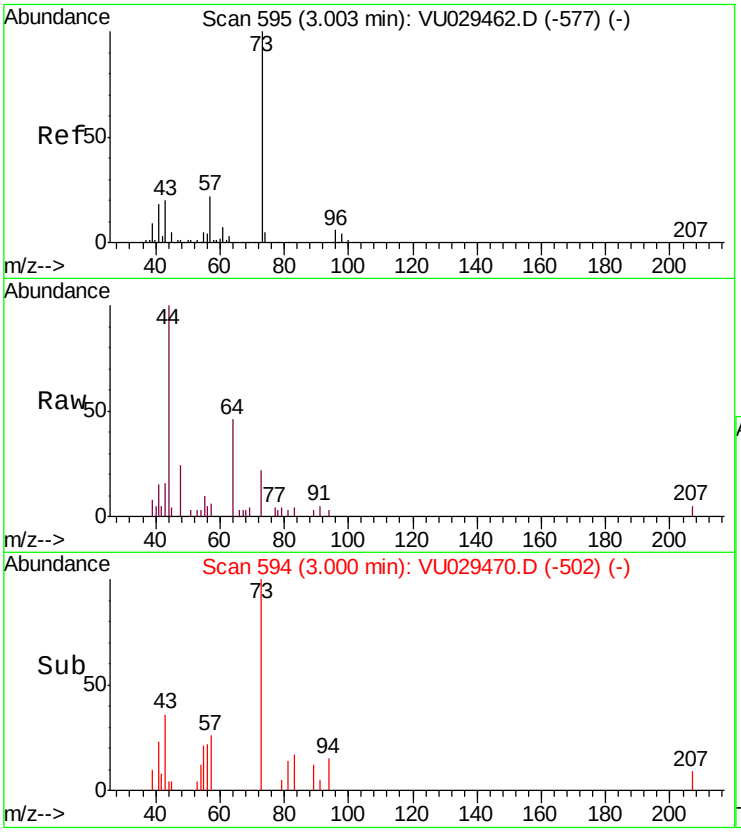


#13
Acetone
Concen: 0.689 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Tgt Ion: 43 Resp: 1638

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	65.0



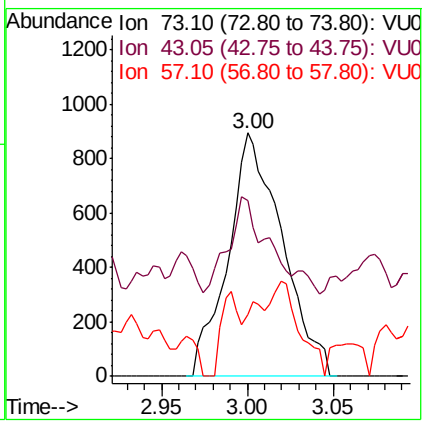


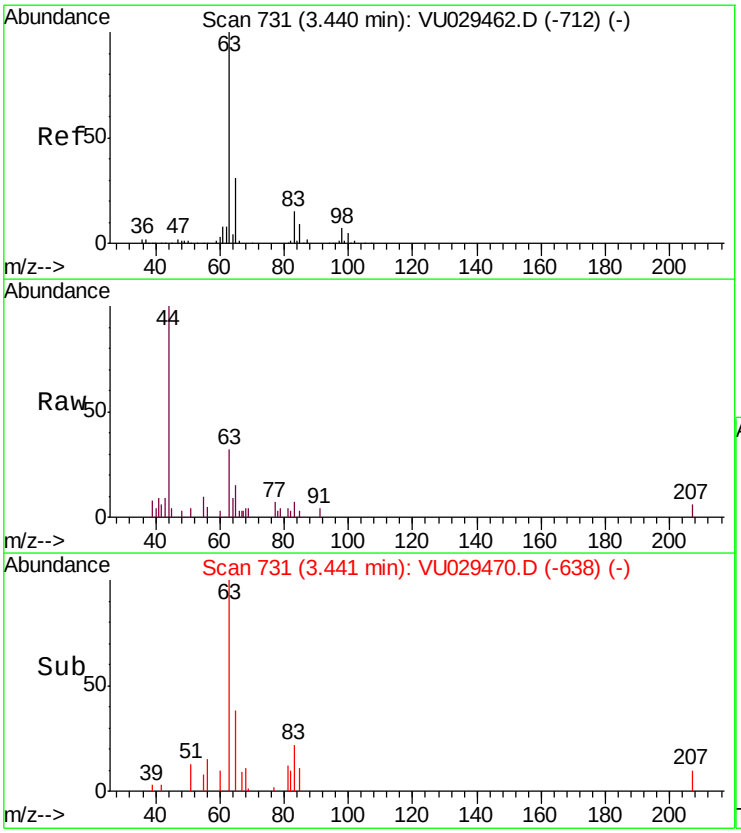
#17
Methyl tert-butyl Ether
Concen: 0.051 ug/L
RT: 3.00 min Scan# 594
Delta R.T. -0.00 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Instrument :
MSVOA_U
ClientSampleId :
ESXC2

Tgt Ion: 73 Resp: 1960

Ion	Ratio	Lower	Upper
73	100		
43	27.0	16.0	24.0#
57	5.2	16.9	25.3#

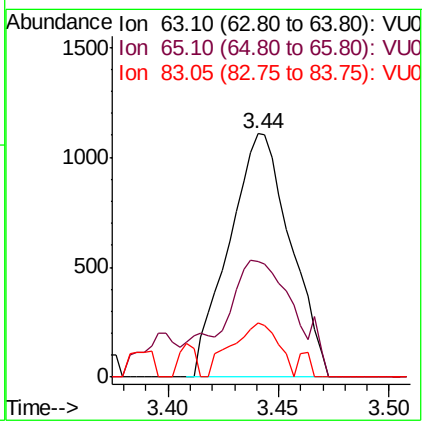


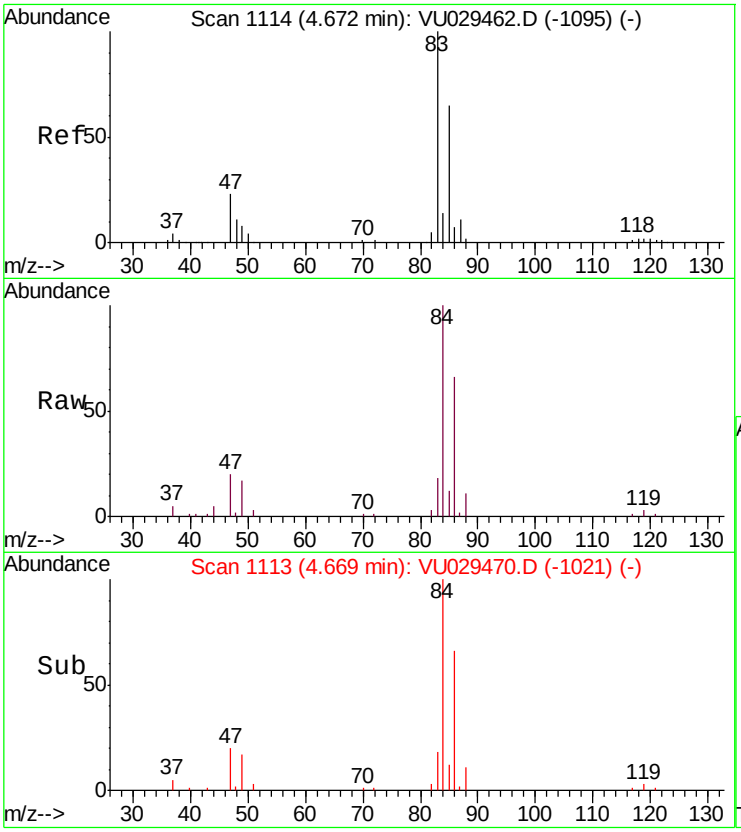


#19
1,1-Dichloroethane
Concen: 0.086 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Tgt Ion: 63 Resp: 2137

Ion	Ratio	Lower	Upper
63	100		
65	47.7	23.5	43.7#
83	22.0	10.3	19.1#



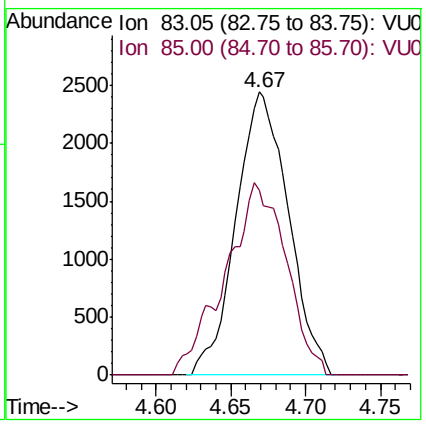


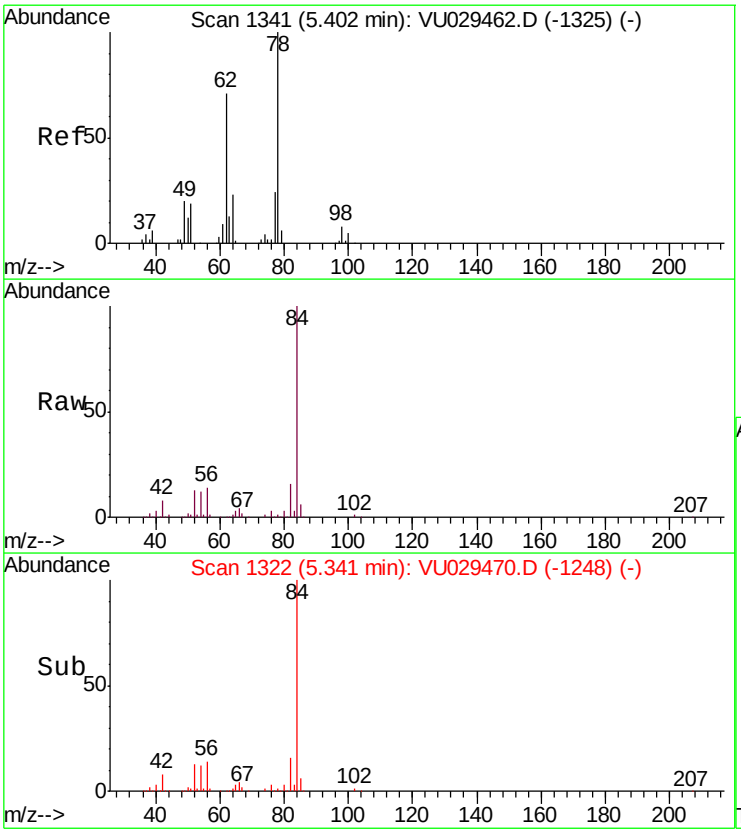
#25
Chloroform
Concen: 0.240 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Instrument :
MSVOA_U
ClientSampleId :
ESXC2

Tgt Ion: 83 Resp: 5954

Ion	Ratio	Lower	Upper
83	100		
85	65.3	47.8	88.8

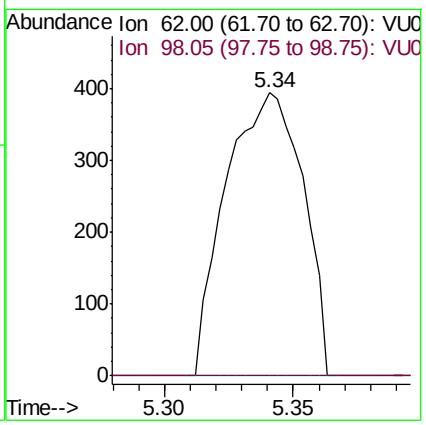


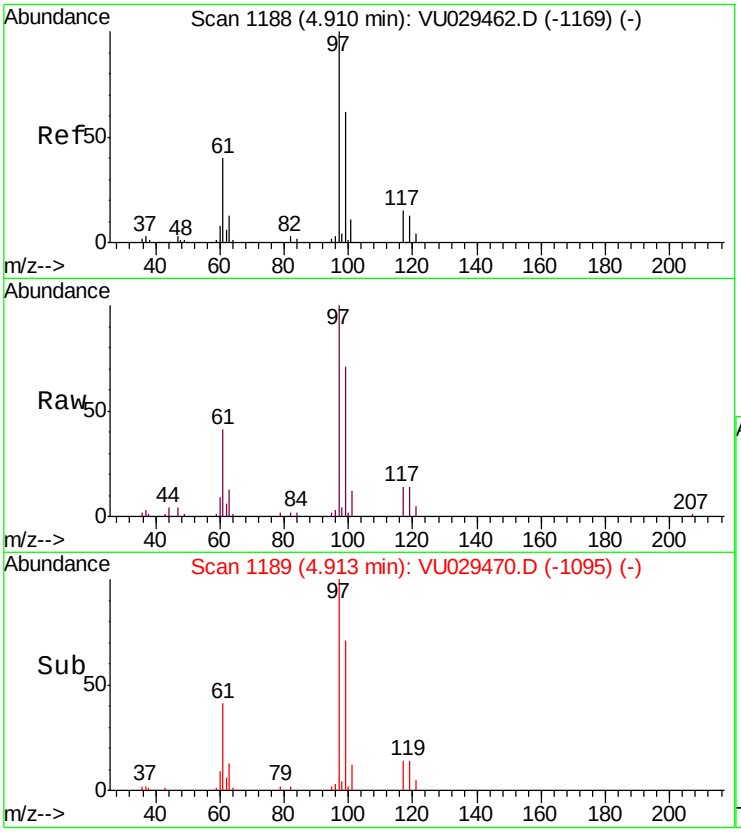


#27
1,2-Dichloroethane
Concen: 0.057 ug/L
RT: 5.34 min Scan# 1322
Delta R.T. -0.06 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Tgt Ion: 62 Resp: 819

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.4	12.6#



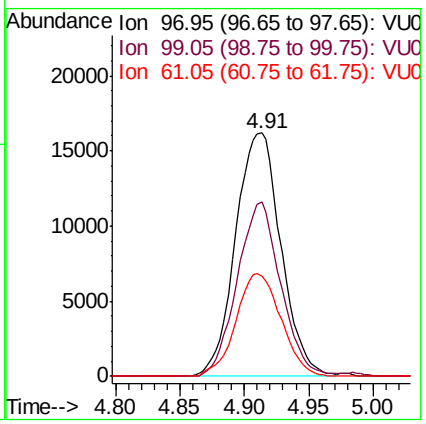


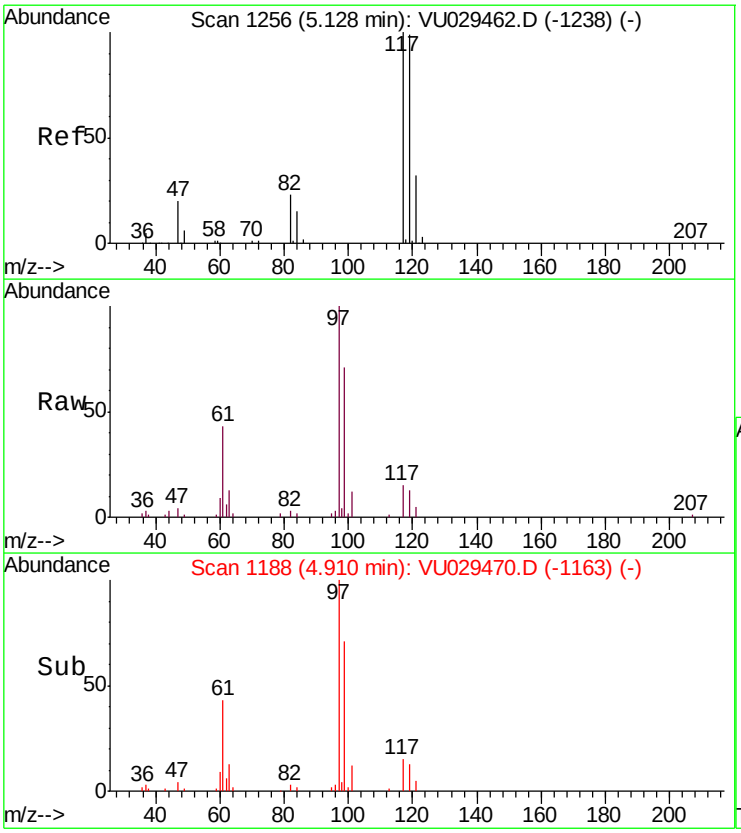
#29
1,1,1-Trichloroethane
Concen: 1.858 ug/L
RT: 4.91 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Instrument :
MSVOA_U
ClientSampleId :
ESXC2

Tgt Ion: 97 Resp: 39703

Ion	Ratio	Lower	Upper
97	100		
99	68.6	52.2	78.2
61	41.8	32.0	48.0

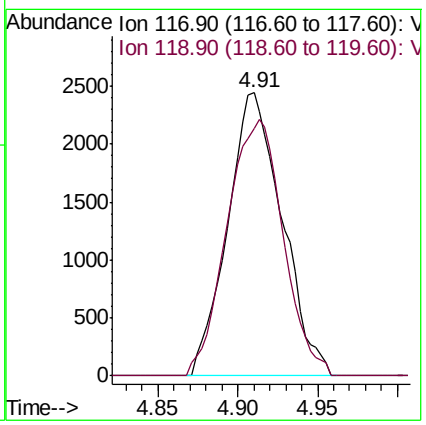


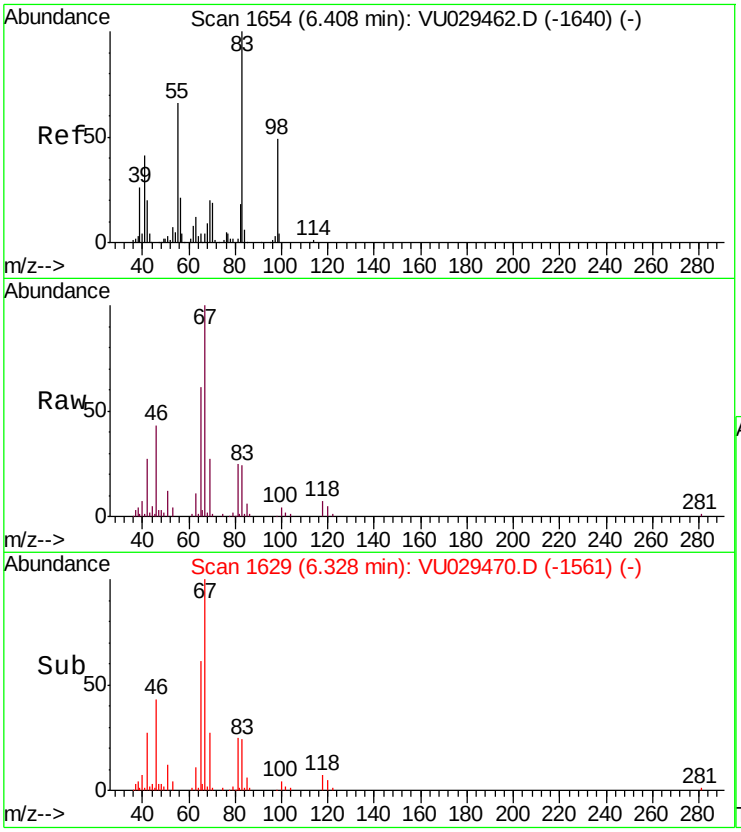


#31
Carbon tetrachloride
Concen: 0.294 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. -0.22 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Tgt Ion:117 Resp: 5679

Ion	Ratio	Lower	Upper
117	100		
119	93.7	78.1	117.1



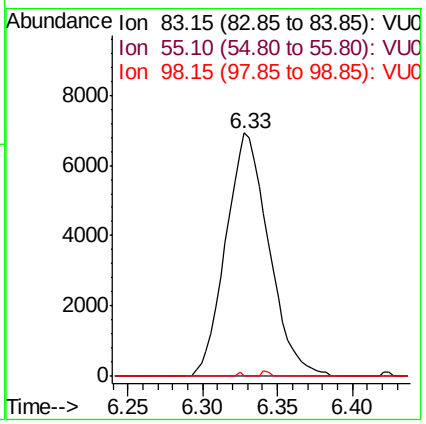


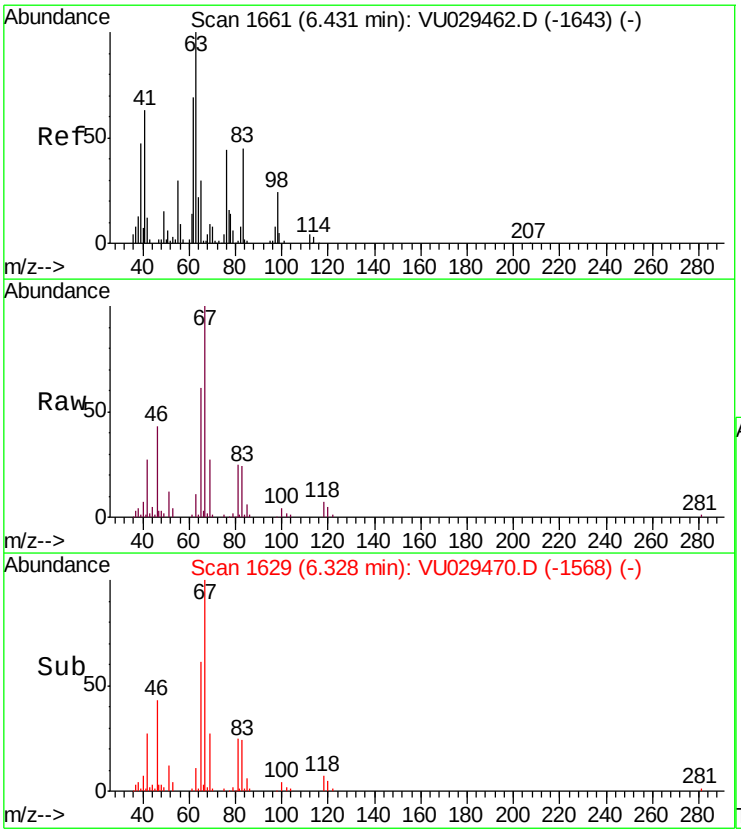
#35
Methylcyclohexane
Concen: 0.577 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Instrument : MSVOA_U
ClientSampleId : ESXC2

Tgt Ion: 83 Resp: 13874

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.9	83.9#
98	0.2	38.6	57.8#

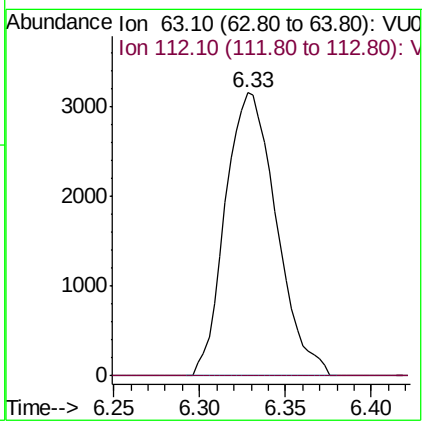


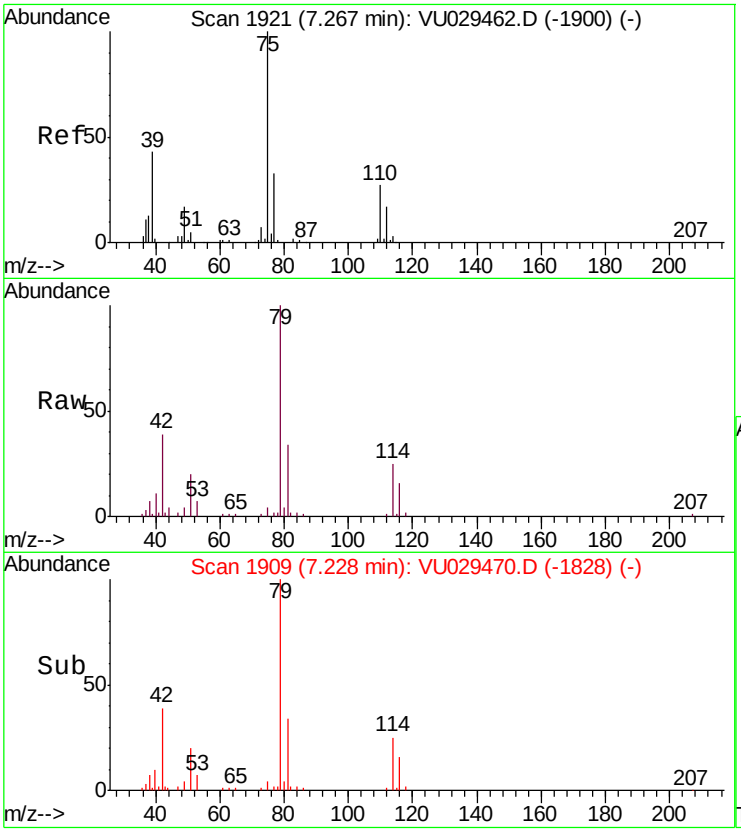


#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Tgt Ion: 63 Resp: 6510

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



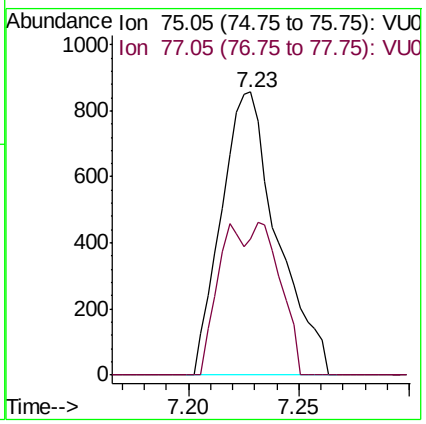


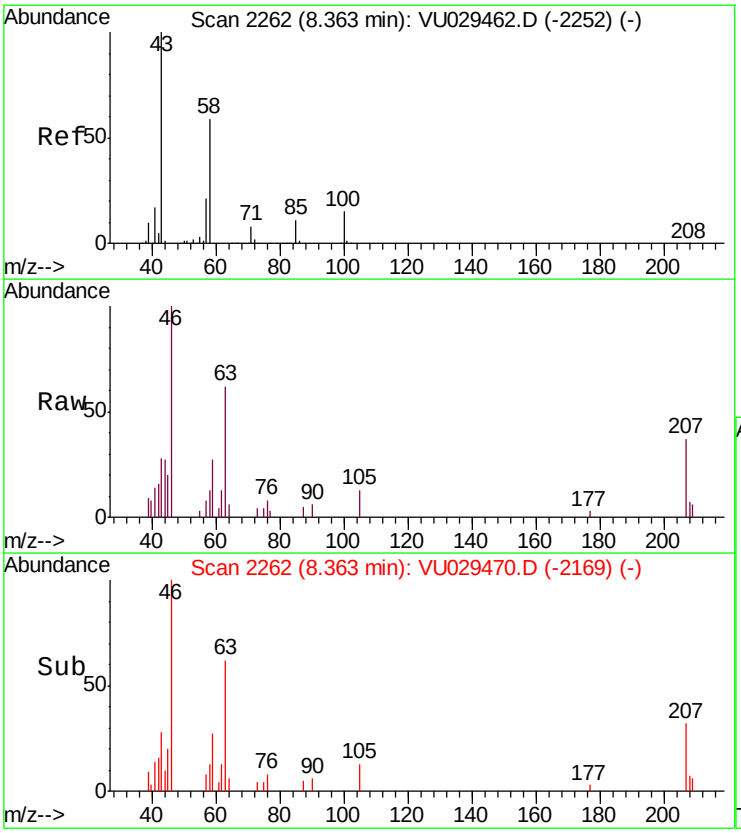
#39
cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Instrument :
MSVOA_U
ClientSampleId :
ESXC2

Tgt Ion: 75 Resp: 1513

Ion	Ratio	Lower	Upper
75	100		
77	48.0	22.3	41.3#

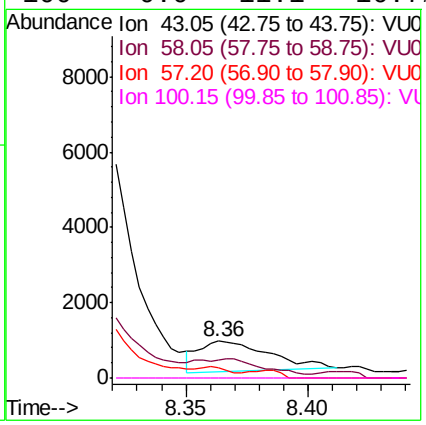


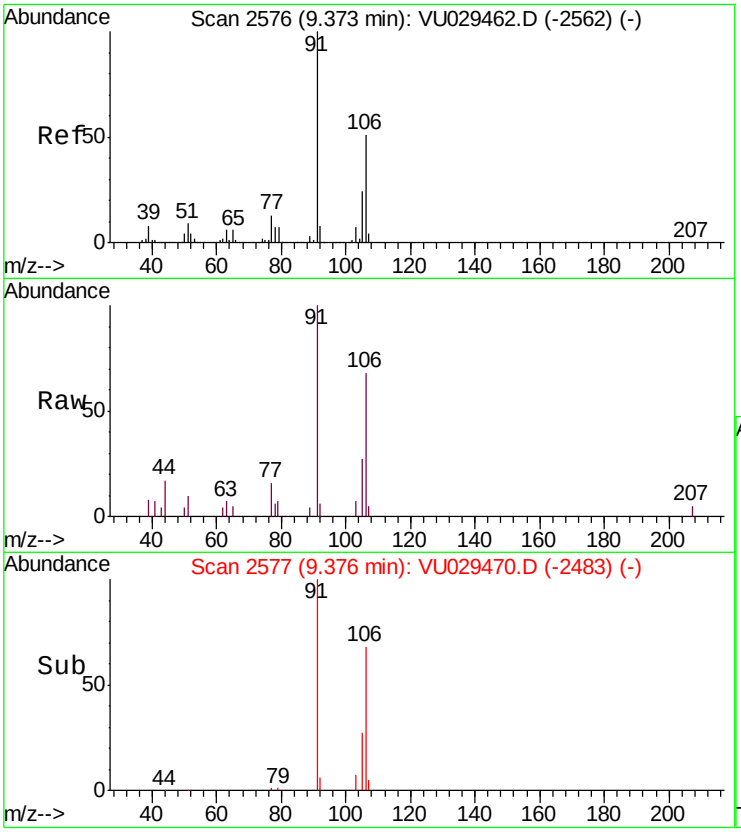


#48
2-Hexanone
Concen: 0.300 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Tgt Ion: 43 Resp: 1604

Ion	Ratio	Lower	Upper
43	100		
58	62.1	45.7	68.5
57	19.0	16.4	24.6
100	0.0	11.1	16.7#



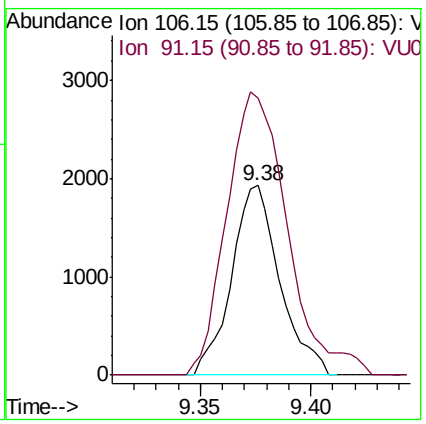


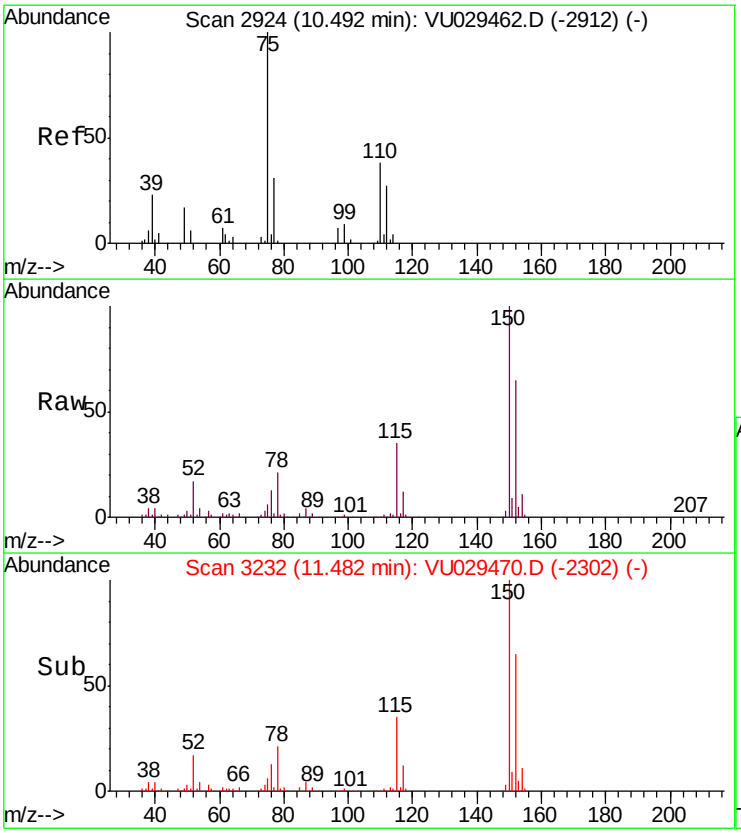
#53
m,p-xylene
Concen: 0.114 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Instrument :
MSVOA_U
ClientSampleId :
ESXC2

Tgt Ion:106 Resp: 2947

Ion	Ratio	Lower	Upper
106	100		
91	146.5	135.7	251.9





#59
1,2,3-Trichloropropane
Concen: 1.087 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029470.D
Acq: 14 Feb 2019 21:06

Tgt Ion: 75 Resp: 8878

Ion	Ratio	Lower	Upper
75	100		
77	34.0	28.2	42.2