Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030619\

Quantitation Report (Not Reviewed)

Data File : VU029825.D
Acq On : 05 Mar 2019 16:39
Operator : JC/SP
Sample : K1660-09DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWK01DL

Quant Time: Mar 06 02:54:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 06 02:51:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	232796	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111183	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	80694	5.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.20%			
7) Chloroethane-d5	1.68	69	67031	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.27	63	115506	3.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.80%			
20) 2-Butanone-d5	4.19	46	183789	53.47	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.94%			
24) Chloroform-d	4.64	84	140534	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
26) 1,2-Dichloroethane-d4	5.31	65	72445	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.20%			
32) Benzene-d6	5.33	84	302539	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
36) 1,2-Dichloropropane-d6	6.33	67	92297	5.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.40%			
41) Toluene-d8	7.56	98	272225	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.85	79	34750	5.11	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.20%			
46) 2-Hexanone-d5	8.31	63	175227	52.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.16%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74228	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	112468	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	3574	0.228	ug/L	94
5) Vinyl chloride	1.40	62	739	0.037	ug/L #	1
6) Bromomethane	1.63	94	577	0.052	ug/L	93
8) Chloroethane	1.69	64	1249	0.097	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1259	0.069	ug/L #	19
12) 1,1-Dichloroethene	2.28	96	1564	0.091	ug/L #	1
13) Acetone	2.32	43	3304	1.338	ug/L	99
14) Carbon disulfide	2.48	76	242659	4.278	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	31194	1.812	ug/L	90
34) Trichloroethene	6.18	95	4130	0.252	ug/L	89
35) Methylcyclohexane	6.33	83	21662	0.816	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	9403	0.637	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2136	0.099	ug/L #	70
42) Toluene	7.64	91	32245	0.485	ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	12137	1.231	ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030619\

Quantitation Report (Not Reviewed)

Data File : VU029825.D
Acq On : 05 Mar 2019 16:39
Operator : JC/SP
Sample : K1660-09DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWK01DL

Quant Time: Mar 06 02:54:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 06 02:51:24 2019
Response via : Initial Calibration

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

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

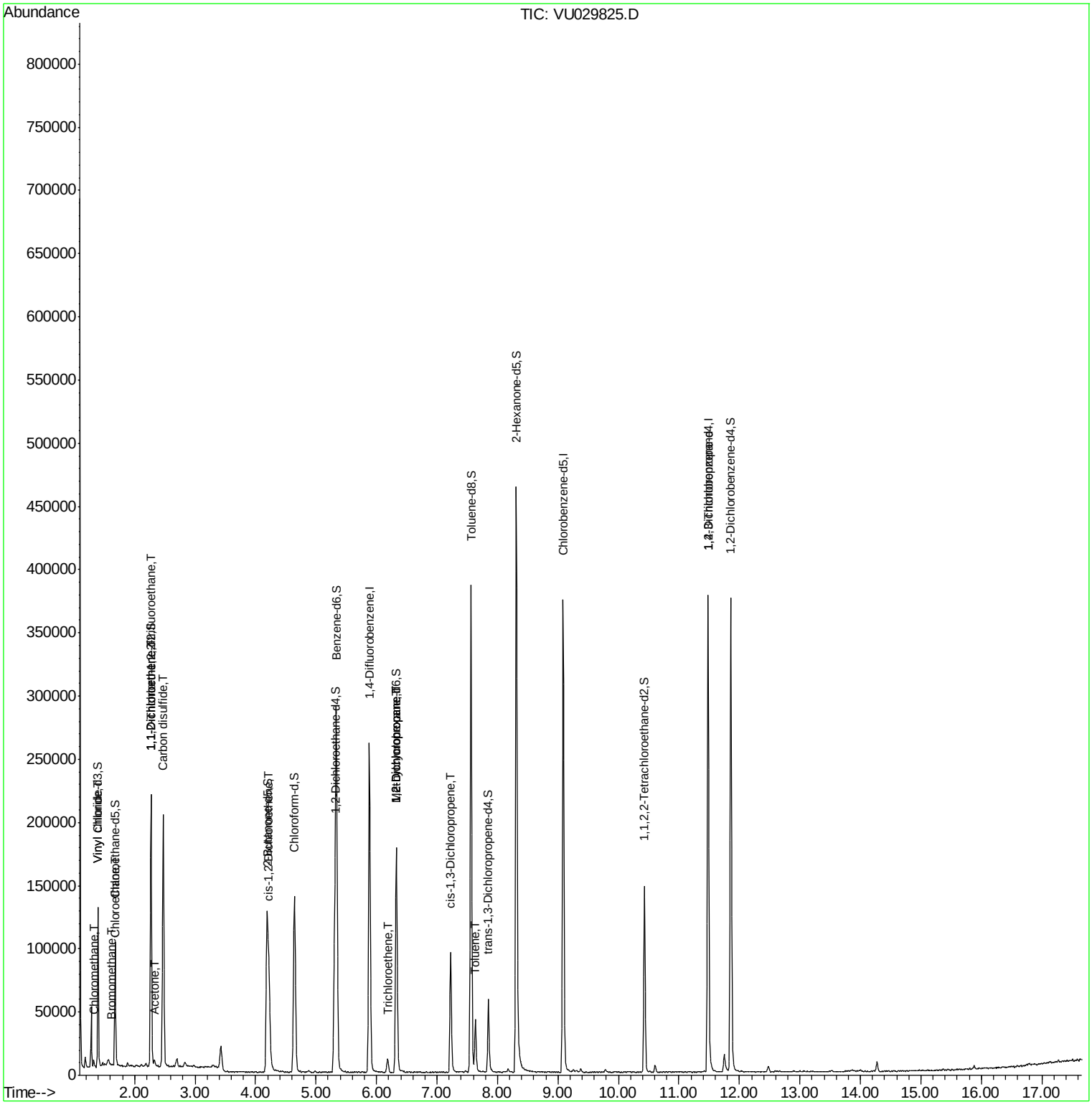
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030619\

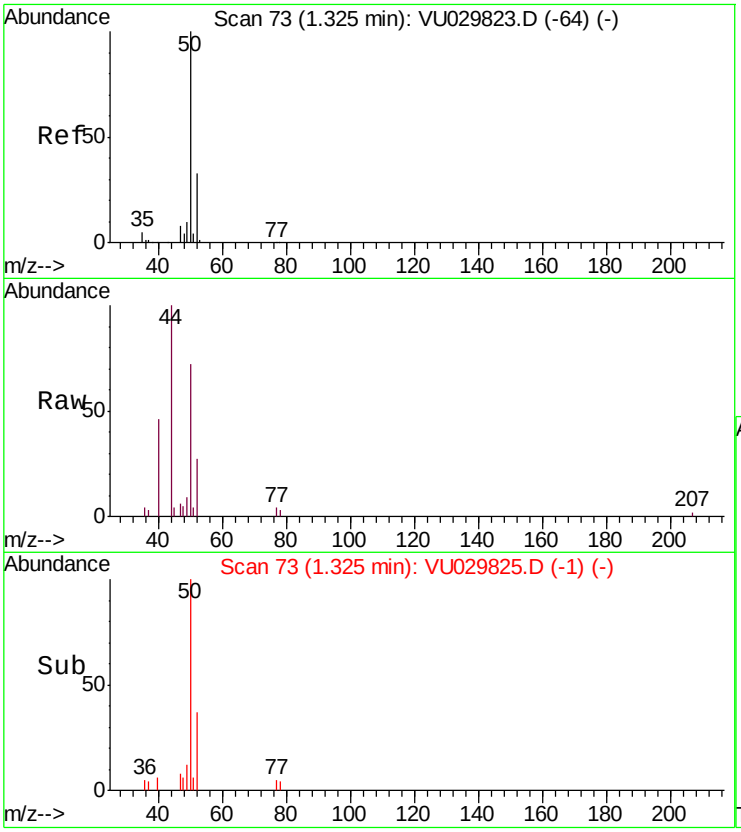
Quantitation Report (Not Reviewed)

Data File : VU029825.D
Acq On : 05 Mar 2019 16:39
Operator : JC/SP
Sample : K1660-09DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWK01DL

Quant Time: Mar 06 02:54:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 06 02:51:24 2019
Response via : Initial Calibration



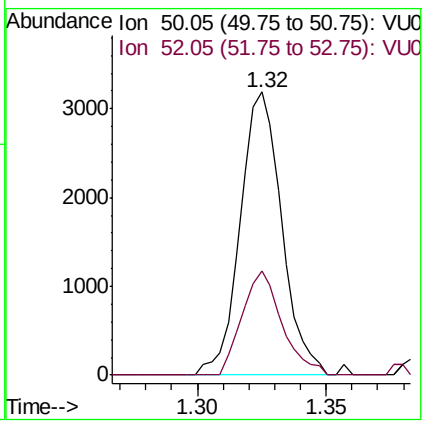


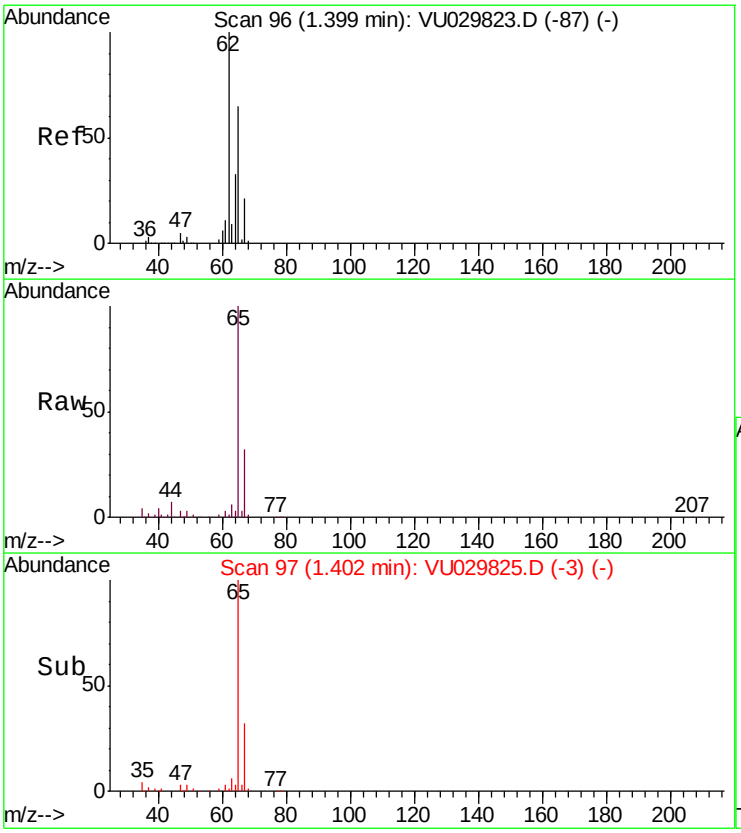
#3
Chloromethane
Concen: 0.228 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Instrument :
MSVOA_U
ClientSampleId :
CWK01DL

Tgt Ion: 50 Resp: 3574

Ion	Ratio	Lower	Upper
50	100		
52	36.8	23.5	43.7

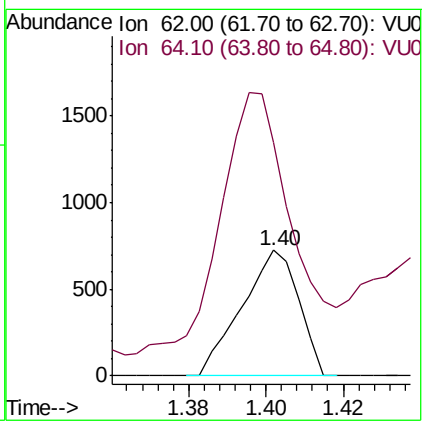


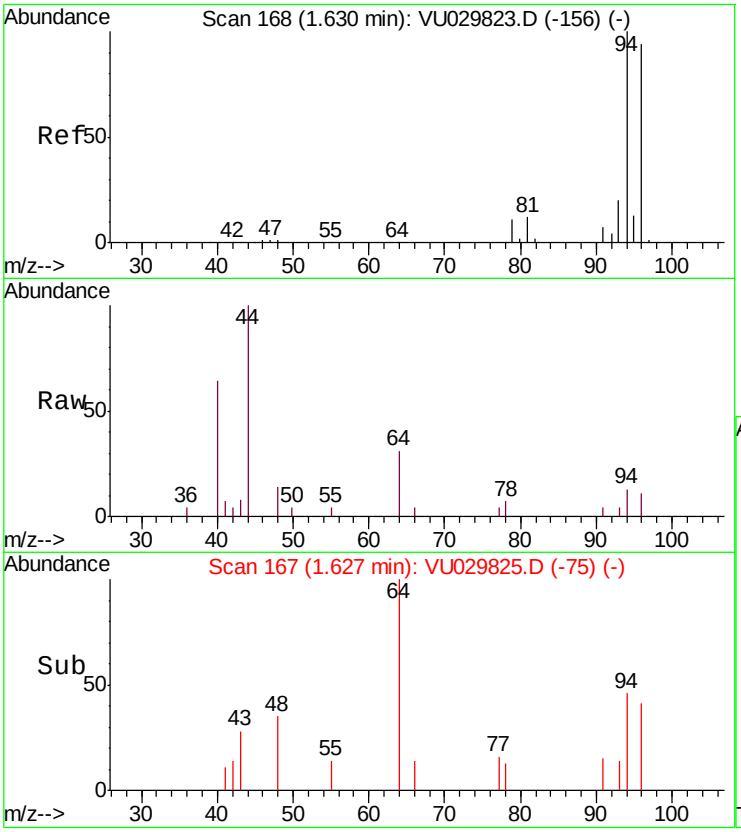


#5
Vinyl chloride
Concen: 0.037 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Tgt Ion: 62 Resp: 739

Ion	Ratio	Lower	Upper
62	100		
64	185.7	24.8	46.1#



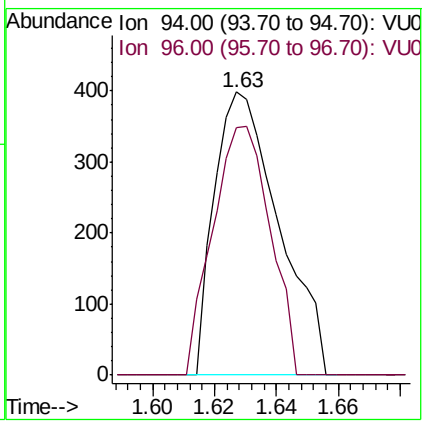


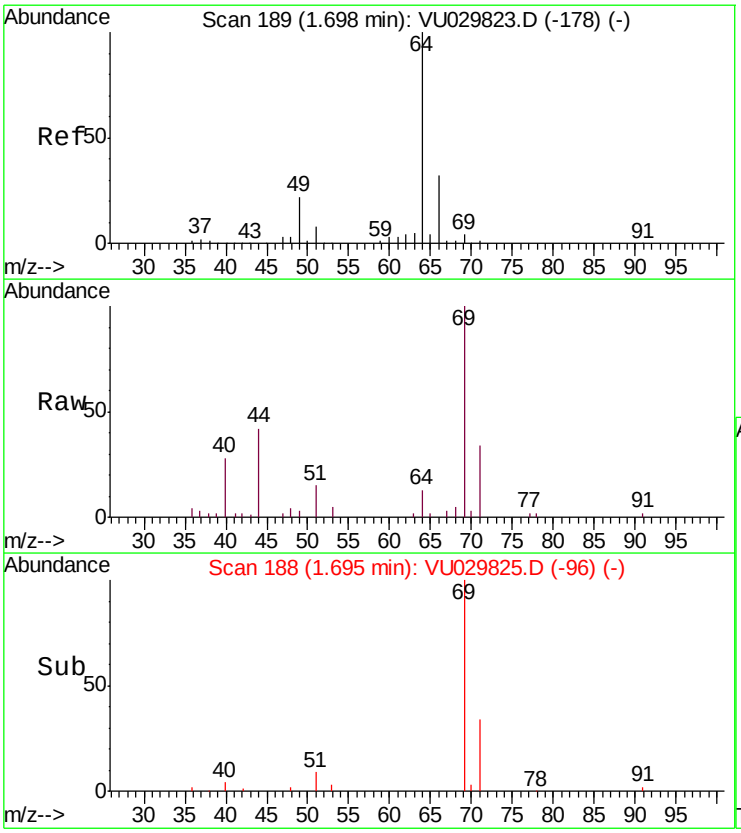
#6
Bromomethane
Concen: 0.052 ug/L
RT: 1.63 min Scan# 167
Delta R.T. -0.00 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Instrument :
MSVOA_U
ClientSampleId :
CWK01DL

Tgt Ion: 94 Resp: 577

Ion	Ratio	Lower	Upper
94	100		
96	87.7	66.0	122.6

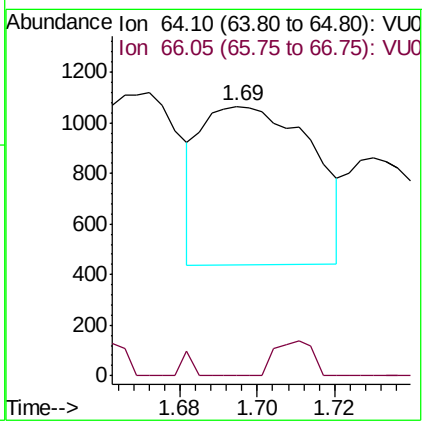


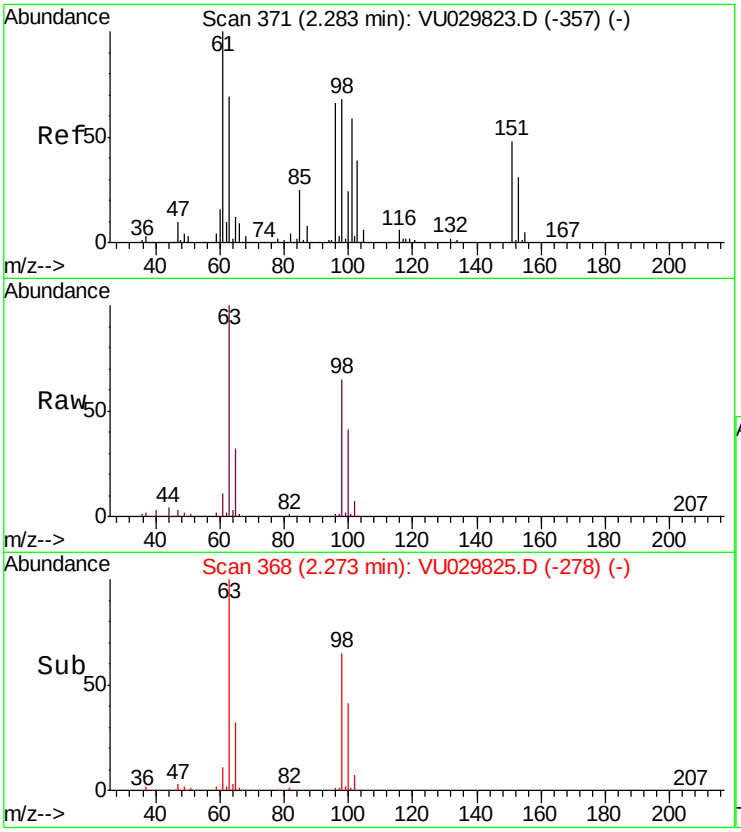


#8
Chloroethane
Concen: 0.097 ug/L
RT: 1.69 min Scan# 188
Delta R.T. -0.00 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Tgt Ion: 64 Resp: 1249

Ion	Ratio	Lower	Upper
64	100		
66	0.0	21.4	39.8#



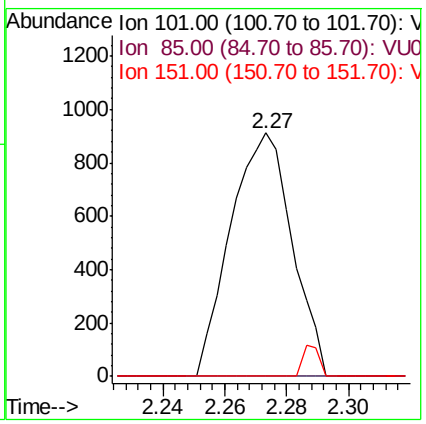


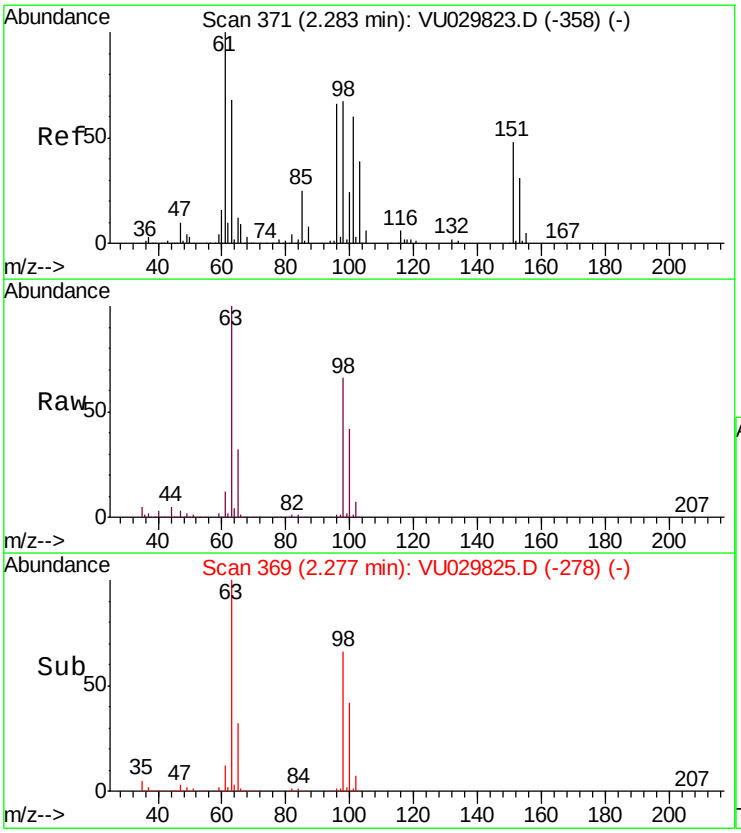
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.069 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Instrument :
MSVOA_U
ClientSampleId :
CWK01DL

Tgt Ion:101 Resp: 1259

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.8	49.2#
151	3.5	65.9	98.9#

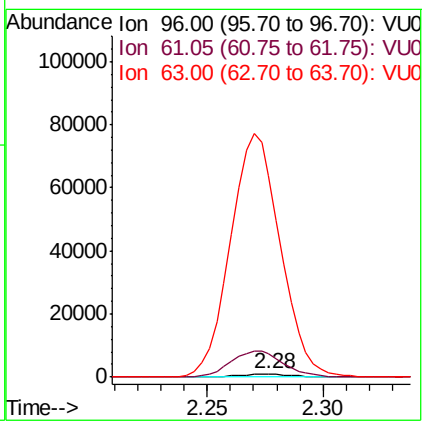


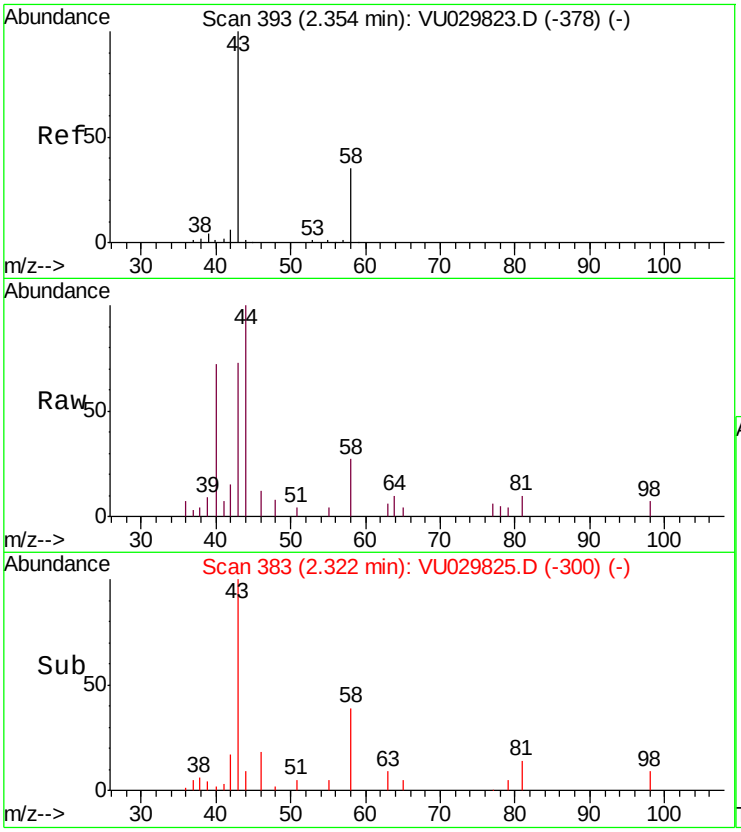


#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Tgt Ion: 96 Resp: 1564

Ion	Ratio	Lower	Upper
96	100		
61	775.3	111.3	206.7#
63	6718.0	88.5	164.3#



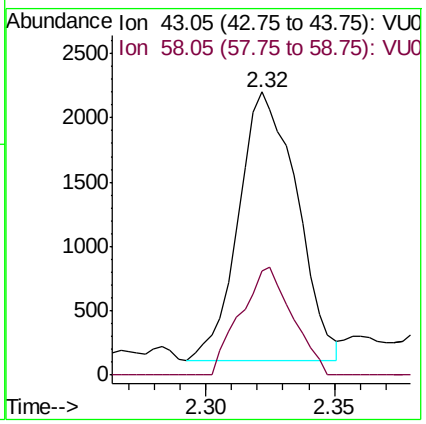


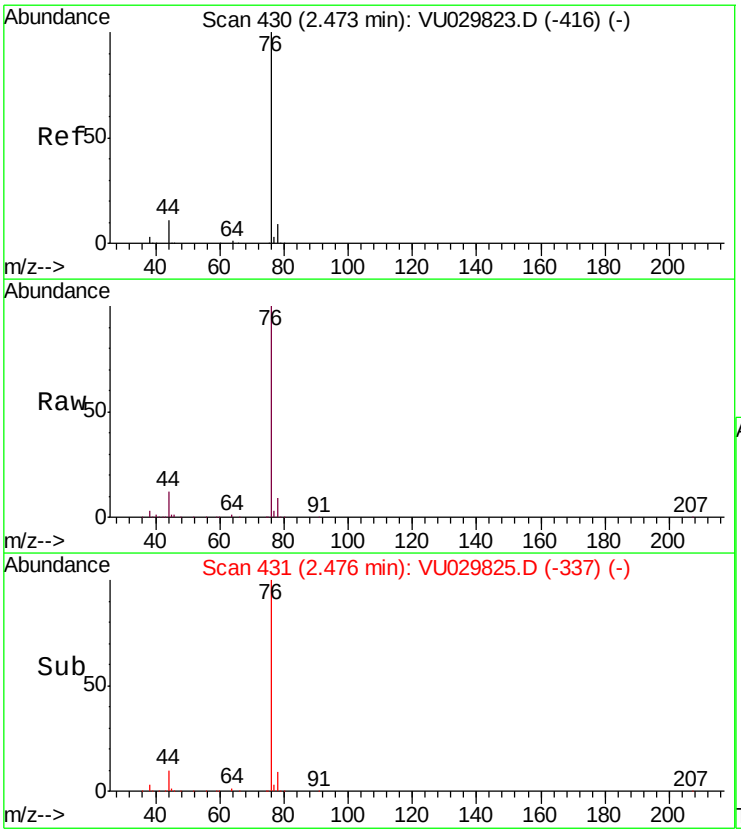
#13
Acetone
Concen: 1.338 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.03 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Instrument : MSVOA_U
ClientSampleId : CWK01DL

Tgt Ion: 43 Resp: 3304

Ion	Ratio	Lower	Upper
43	100		
58	35.7	0.0	70.2

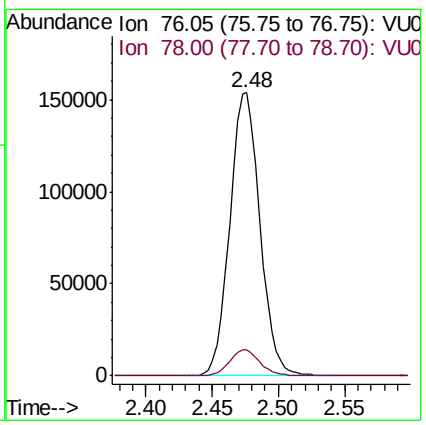


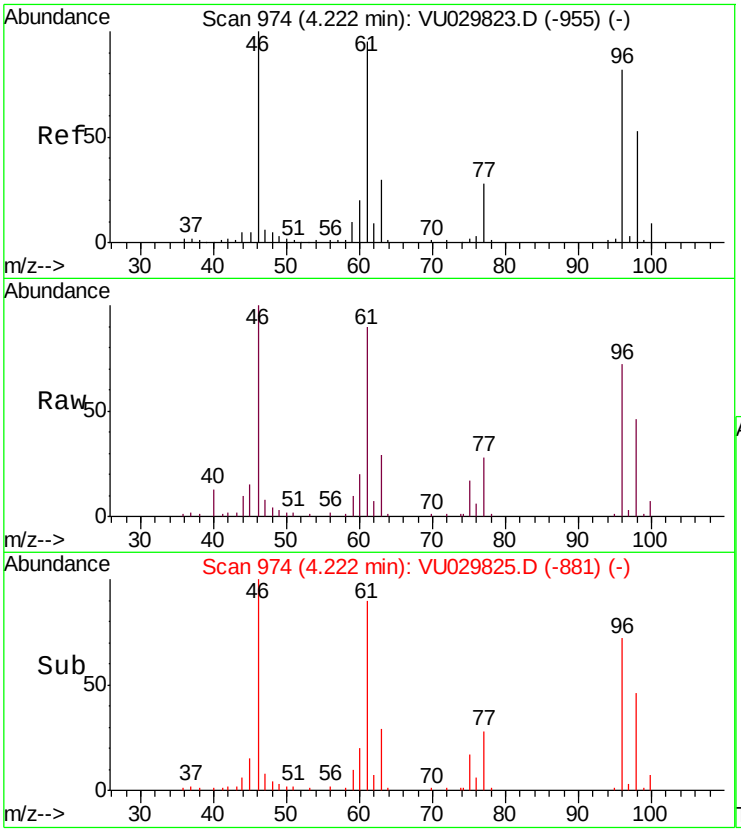


#14
Carbon disulfide
Concen: 4.278 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Tgt Ion: 76 Resp: 242659

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0



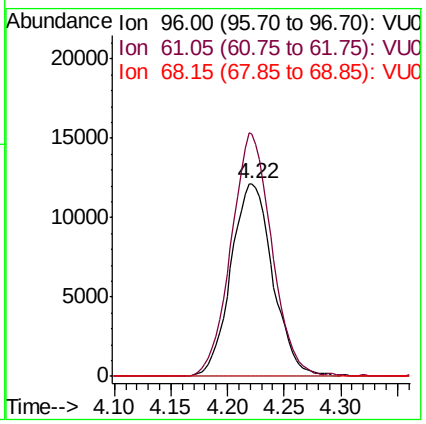


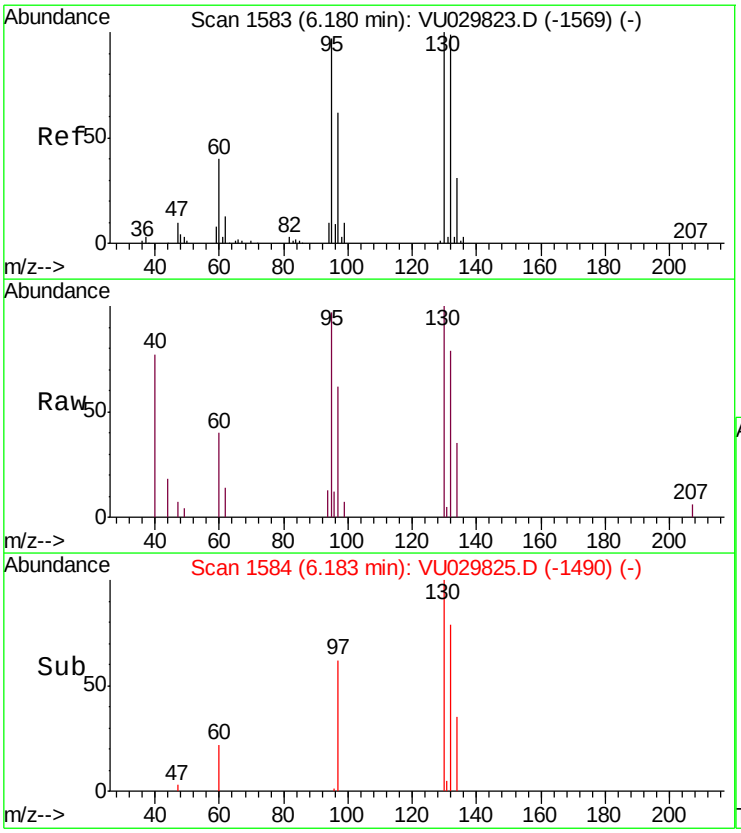
#22
cis-1,2-Dichloroethene
Concen: 1.812 ug/L
RT: 4.22 min Scan# 974
Delta R.T. -0.00 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Instrument :
MSVOA_U
ClientSampleId :
CWK01DL

Tgt Ion: 96 Resp: 31194

Ion	Ratio	Lower	Upper
96	100		
61	125.9	80.2	149.0
68	0.0	0.0	0.0

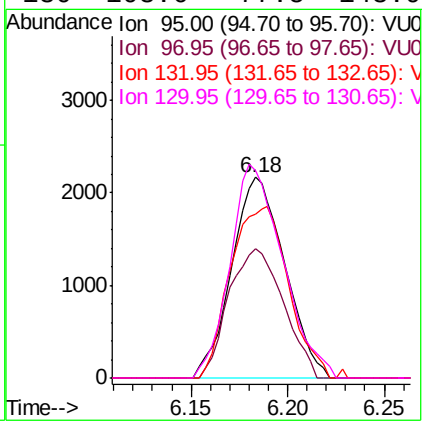


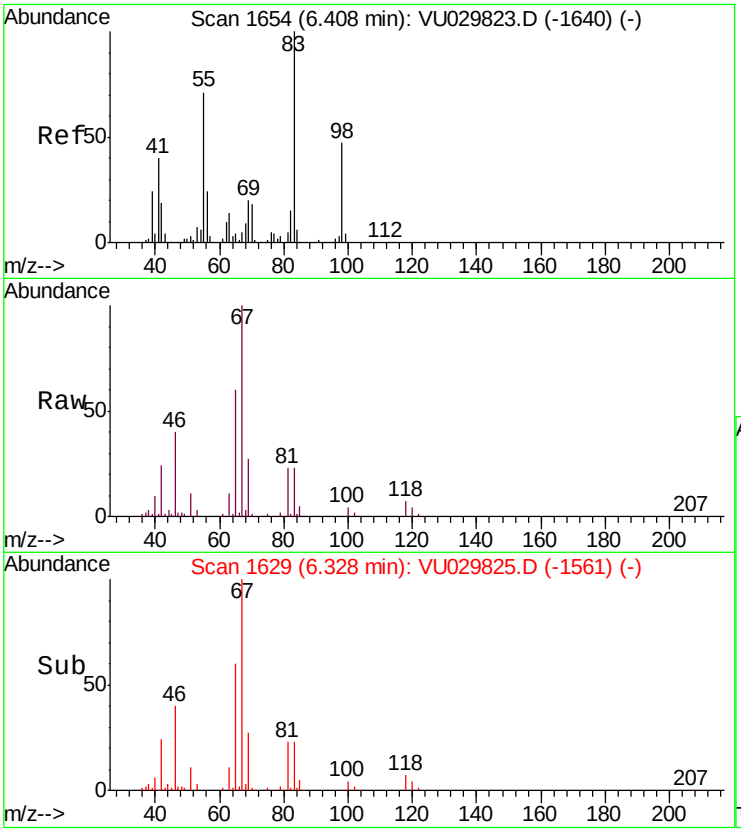


#34
Trichloroethene
Concen: 0.252 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Tgt Ion: 95 Resp: 4130

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.6	84.8
132	81.5	72.9	135.3
130	103.6	77.5	143.9



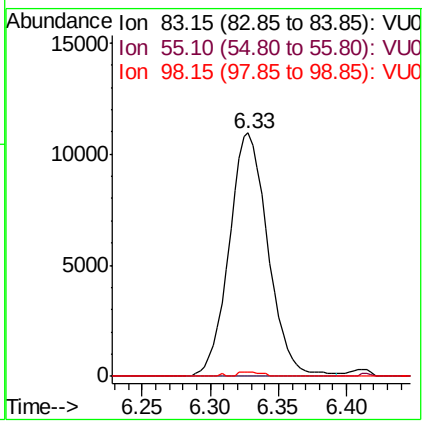


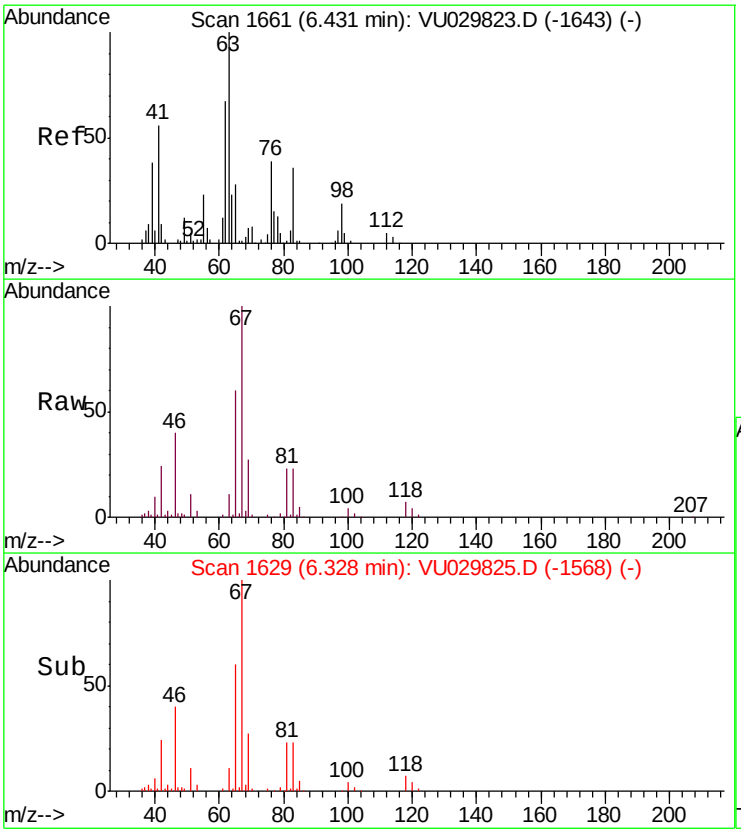
#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Instrument :
MSVOA_U
ClientSampleId :
CWK01DL

Tgt Ion: 83 Resp: 21662

Ion	Ratio	Lower	Upper
83	100		
55	0.3	56.5	84.7#
98	1.0	39.4	59.2#

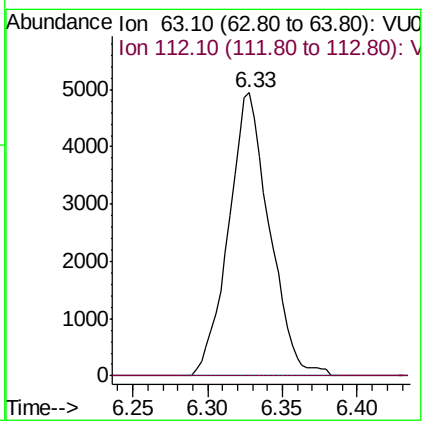


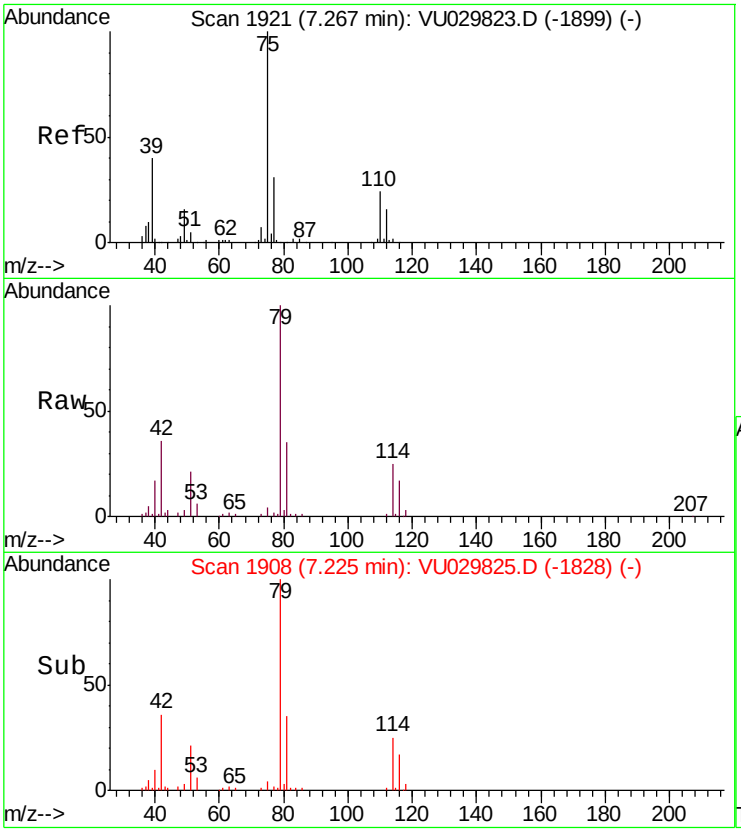


#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Tgt Ion: 63 Resp: 9403

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



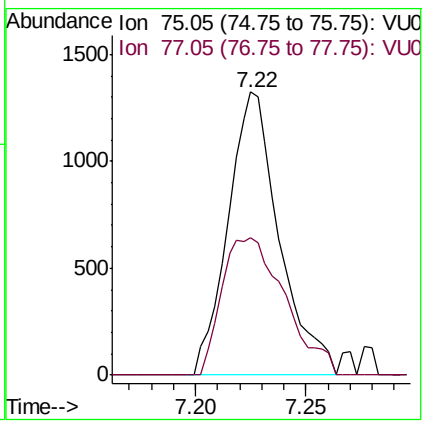


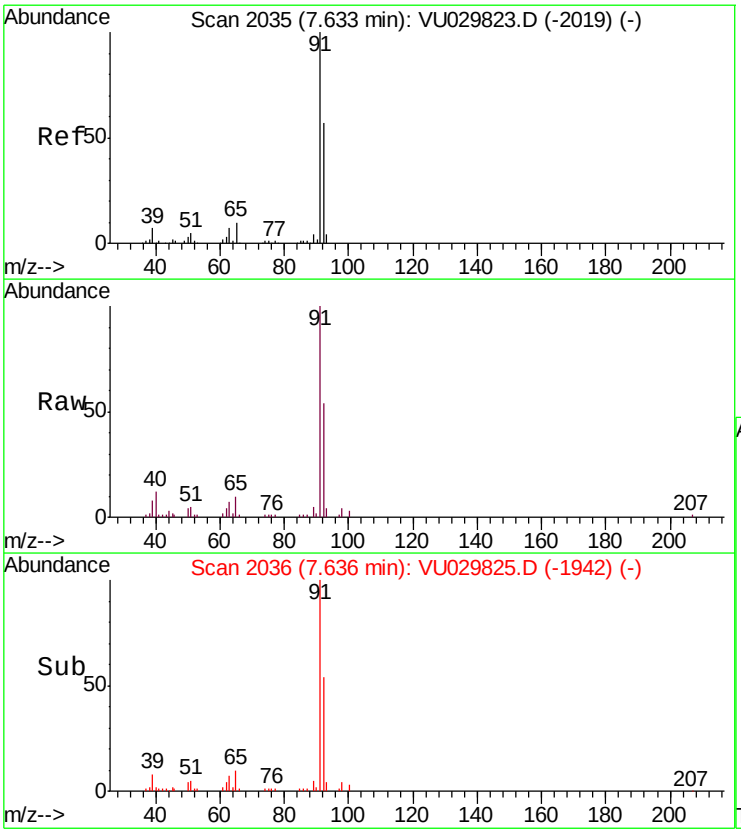
#39
cis-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Instrument :
MSVOA_U
ClientSampleId :
CWK01DL

Tgt Ion: 75 Resp: 2136

Ion	Ratio	Lower	Upper
75	100		
77	48.7	22.3	41.5#

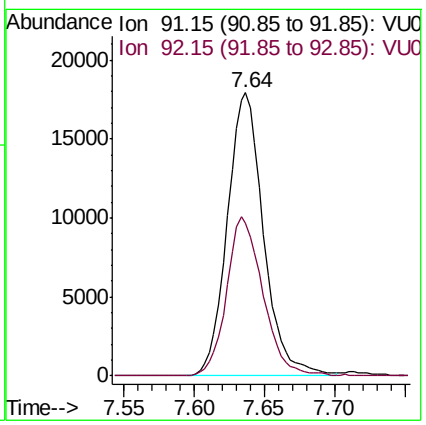


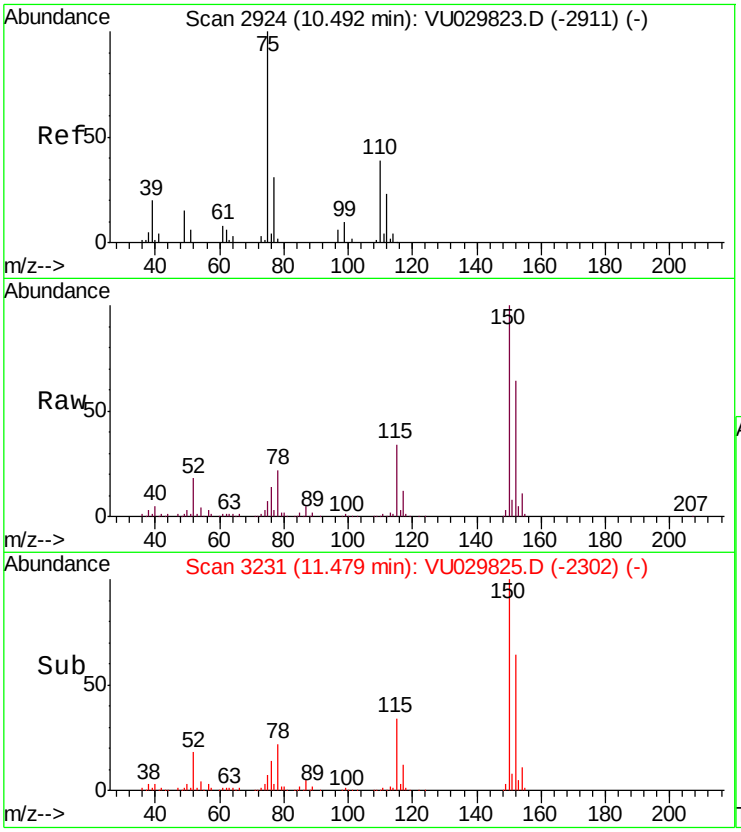


#42
Toluene
Concen: 0.485 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Tgt Ion: 91 Resp: 32245

Ion	Ratio	Lower	Upper
91	100		
92	54.0	40.1	74.5





#59
1,2,3-Trichloropropane
Concen: 1.231 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029825.D
Acq: 05 Mar 2019 16:39

Instrument :
MSVOA_U
ClientSampleId :
CWK01DL

Tgt Ion: 75 Resp: 12137

Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.6	38.4