Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022019\

Quantitation Report (Not Reviewed)

Data File : VU029582.D
Acq On : 20 Feb 2019 15:50
Operator : JC/SP
Sample : K1488-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE7DL

Quant Time: Feb 21 04:27:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 04:23:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	197187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	189525	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100473	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	48614	3.67	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.40%			
7) Chloroethane-d5	1.68	69	48631	4.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.20%			
11) 1,1-Dichloroethene-d2	2.27	63	80238	2.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.80%#			
20) 2-Butanone-d5	4.19	46	164453	59.70	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.40%			
24) Chloroform-d	4.65	84	96663	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%			
26) 1,2-Dichloroethane-d4	5.31	65	58414	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
32) Benzene-d6	5.34	84	215757	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.33	67	68314	5.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%			
41) Toluene-d8	7.56	98	199405	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
43) trans-1,3-Dichloropropene-	7.85	79	26164	4.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.00%			
46) 2-Hexanone-d5	8.31	63	158452	57.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	63456	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96707	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	2344	0.123	ug/L #	1
6) Bromomethane	1.63	94	578	0.052	ug/L	76
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1023	0.060	ug/L #	16
12) 1,1-Dichloroethene	2.28	96	1222	0.075	ug/L #	1
13) Acetone	2.33	43	2015	0.805	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	2383	0.138	ug/L	87
22) cis-1,2-Dichloroethene	4.22	96	97941	6.153	ug/L	92
25) Chloroform	4.67	83	12676	0.486	ug/L	83
34) Trichloroethene	6.18	95	1403	0.089	ug/L	84
35) Methylcyclohexane	6.33	83	16661	0.631	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7912	0.566	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1729	0.079	ug/L	83
48) 2-Hexanone	8.37	43	2330	0.397	ug/L #	92
49) Dibromochloromethane	8.22	129	788	0.055	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10026	1.119	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022019\

Quantitation Report (Not Reviewed)

Data File : VU029582.D
Acq On : 20 Feb 2019 15:50
Operator : JC/SP
Sample : K1488-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXE7DL

Quant Time: Feb 21 04:27:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 04:23:07 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\VU022019\

Quantitation Report (Not Reviewed)

Data File : VU029582.D
Acq On : 20 Feb 2019 15:50
Operator : JC/SP
Sample : K1488-11DL 5X
Misc : 25.0mL/MSVOA_U/WATER
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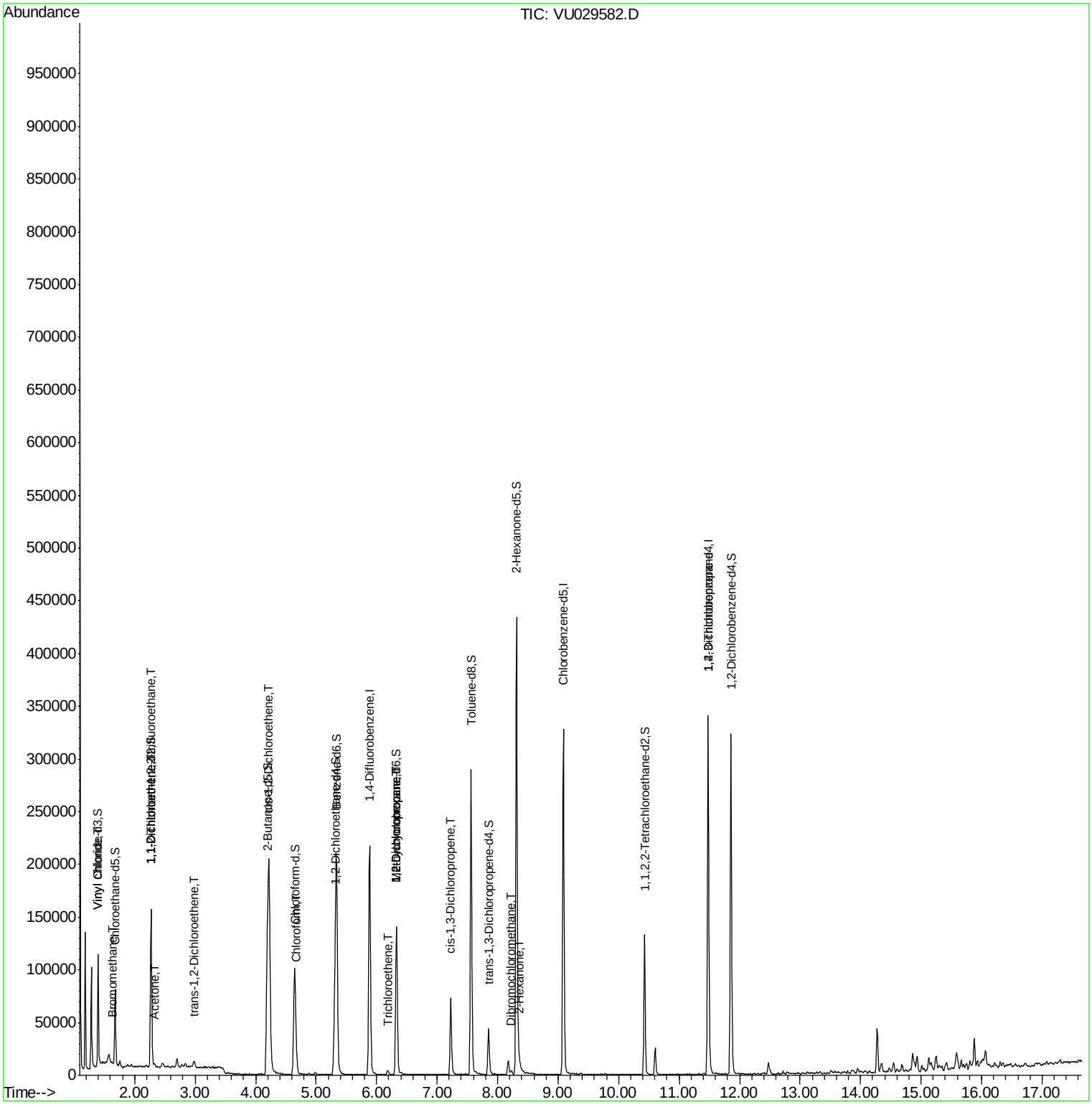
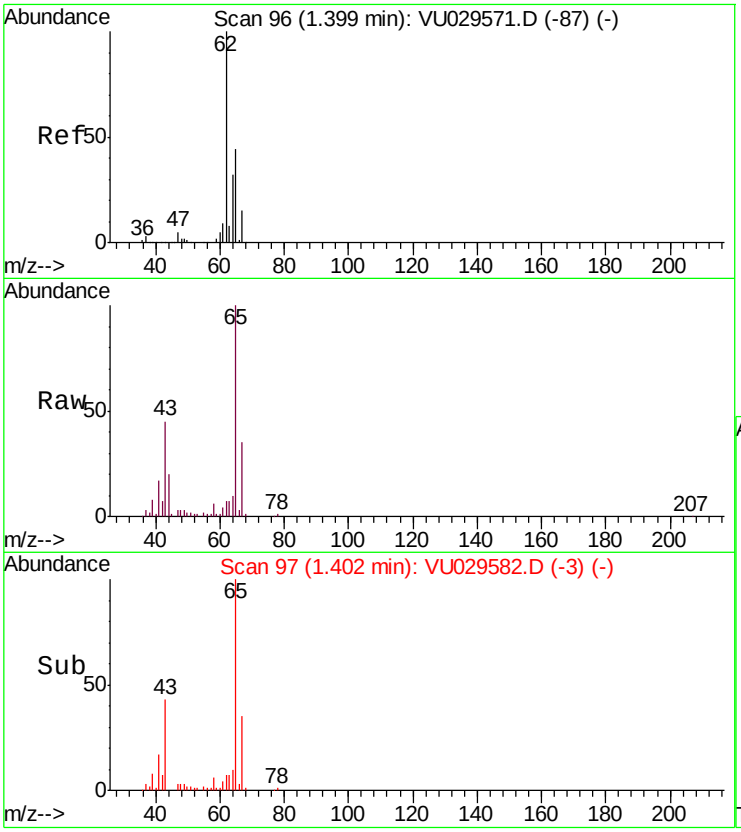
ESXE7DL

Quant Time: Feb 21 04:27:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 21 04:23:07 2019
Response via : Initial Calibration



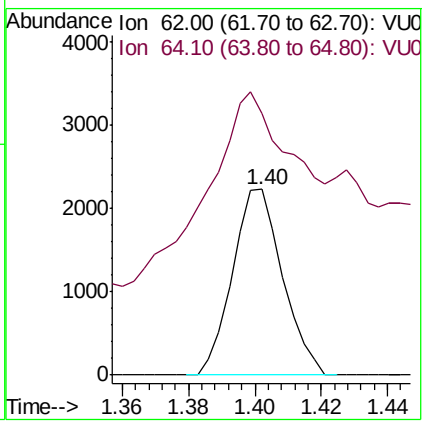


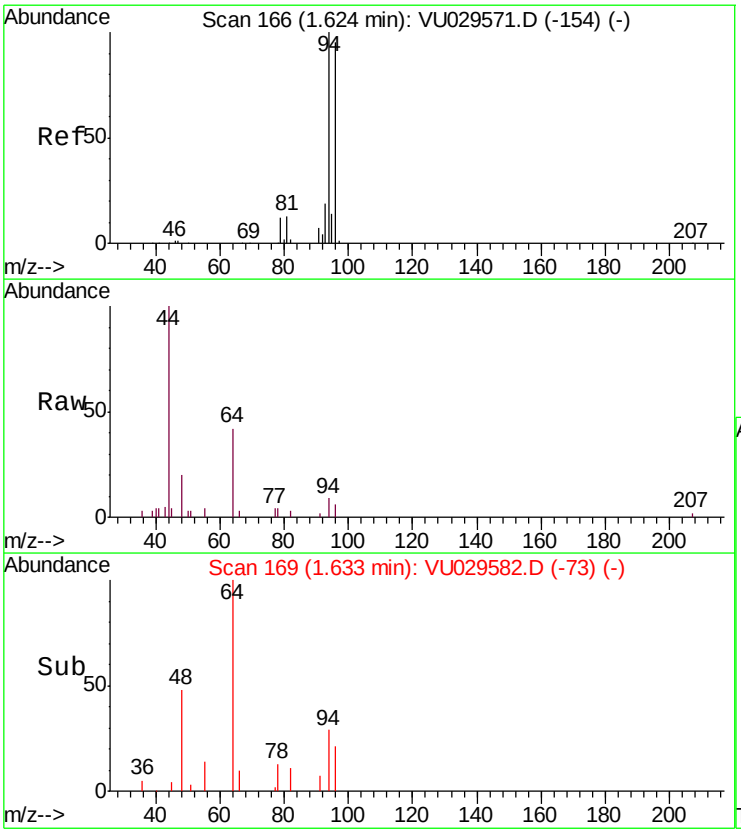
#5
Vinyl chloride
Concen: 0.123 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Instrument :
MSVOA_U
ClientSampleId :
ESXE7DL

Tgt Ion: 62 Resp: 2344

Ion	Ratio	Lower	Upper
62	100		
64	141.0	23.5	43.7#

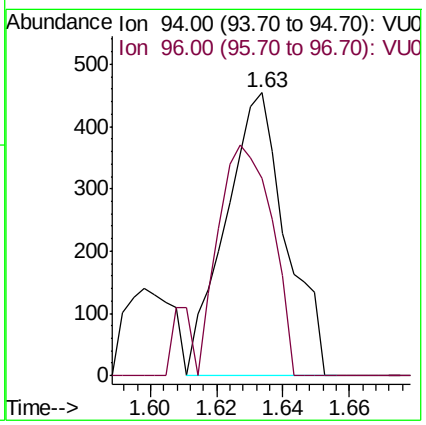


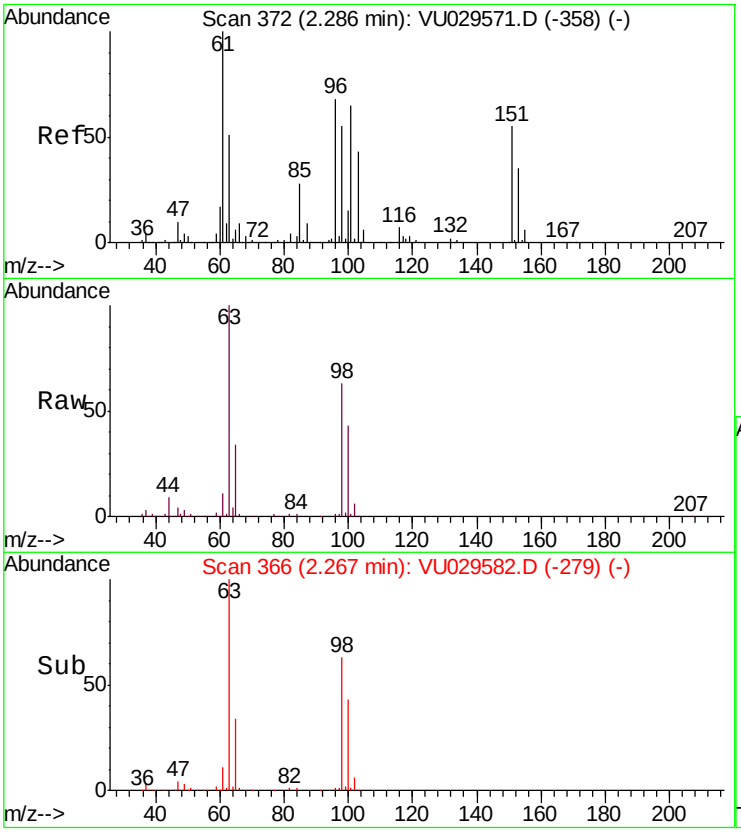


#6
Bromomethane
Concen: 0.052 ug/L
RT: 1.63 min Scan# 169
Delta R.T. 0.01 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Tgt Ion: 94 Resp: 578

Ion	Ratio	Lower	Upper
94	100		
96	69.6	65.2	121.0



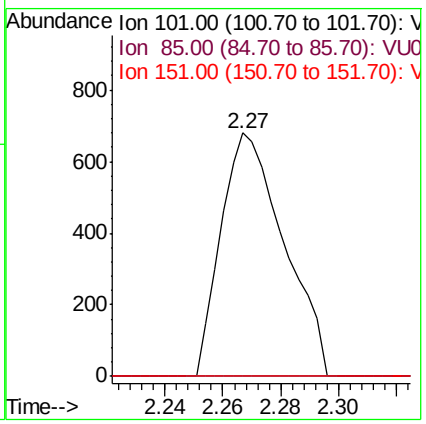


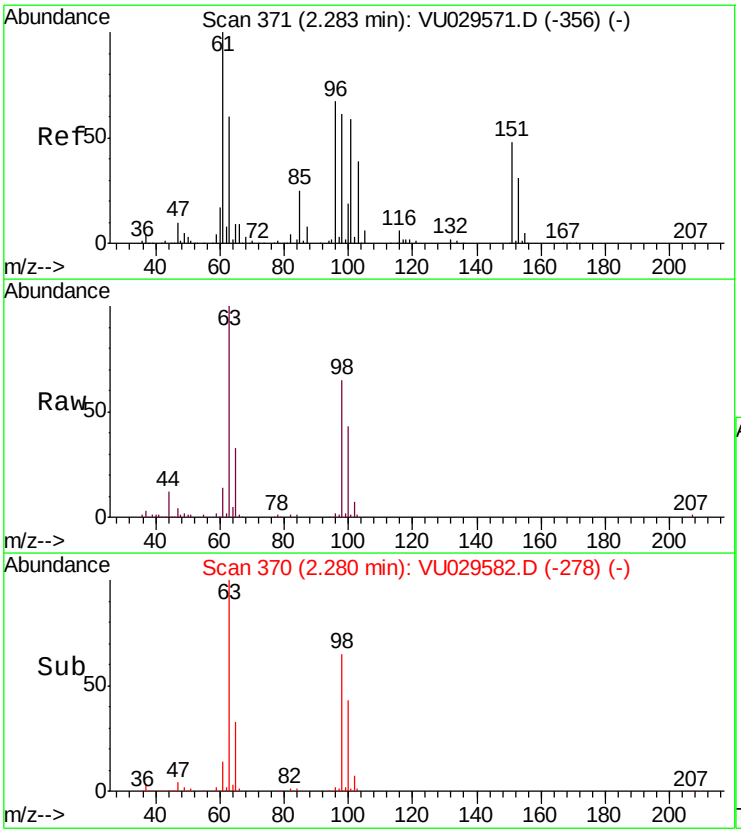
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Instrument :
MSVOA_U
ClientSampleId :
ESXE7DL

Tgt Ion:101 Resp: 1023

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

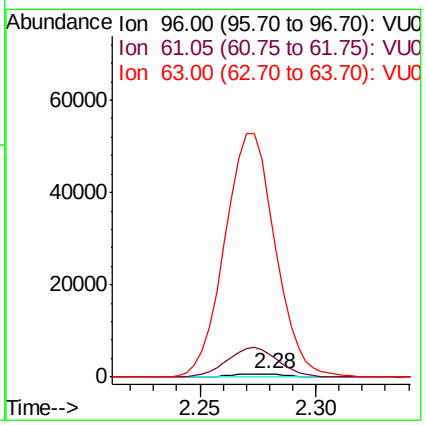


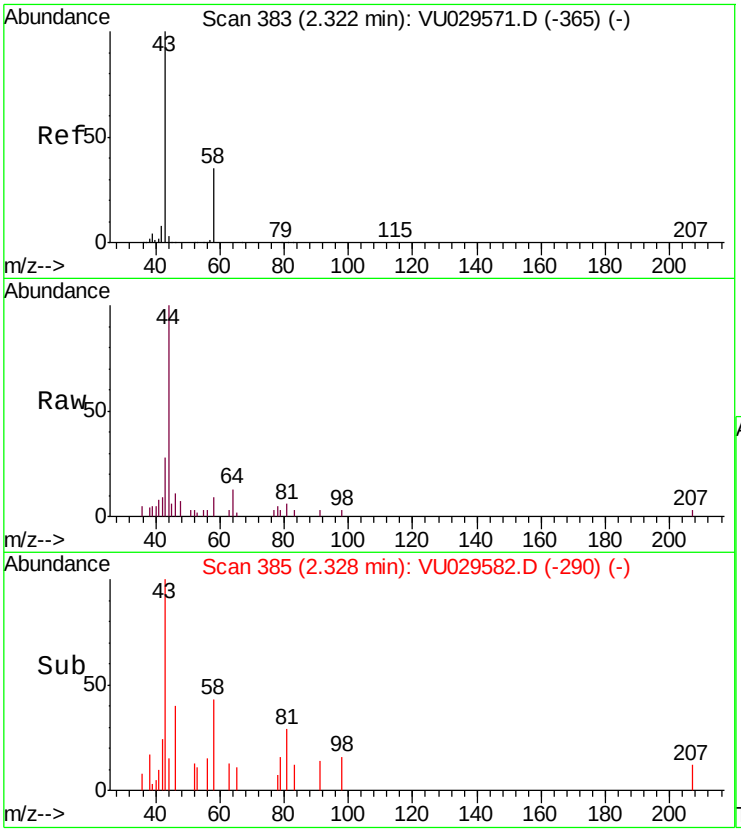


#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Tgt Ion: 96 Resp: 1222

Ion	Ratio	Lower	Upper
96	100		
61	736.8	115.1	213.7#
63	5376.1	83.5	155.1#



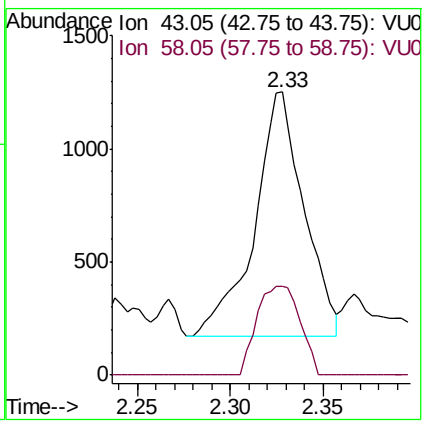


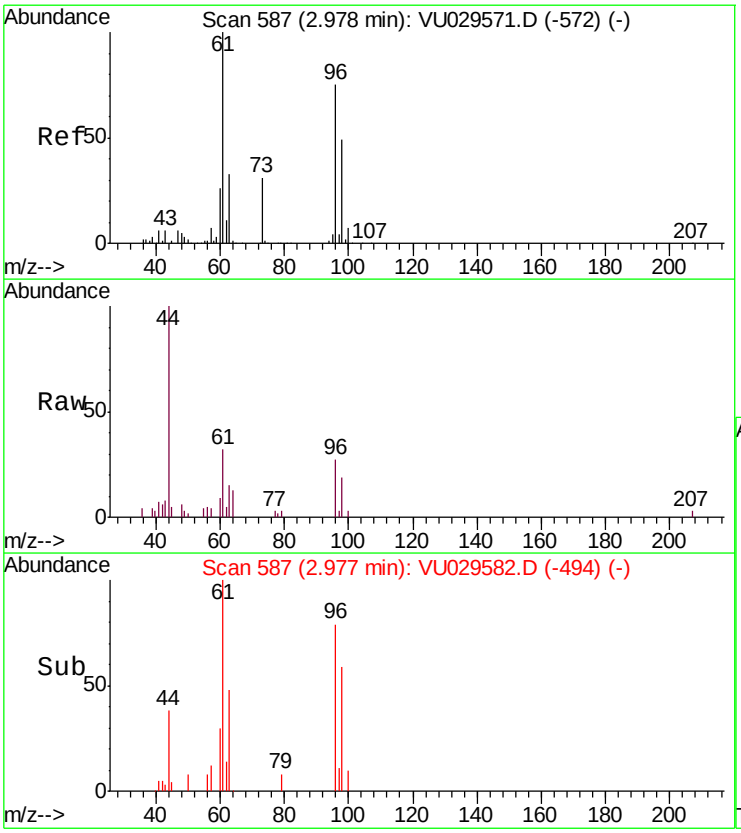
#13
Acetone
Concen: 0.805 ug/L
RT: 2.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Instrument : MSVOA_U
ClientSampleId : ESXE7DL

Tgt Ion: 43 Resp: 2015

Ion	Ratio	Lower	Upper
43	100		
58	31.6	0.0	65.0

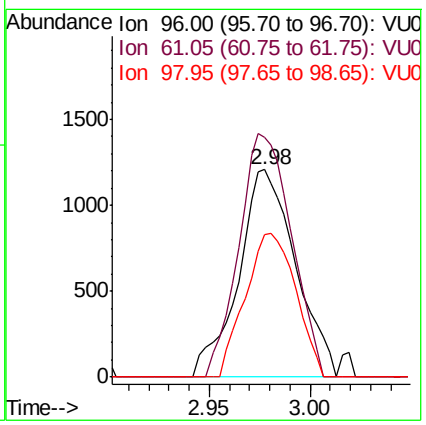


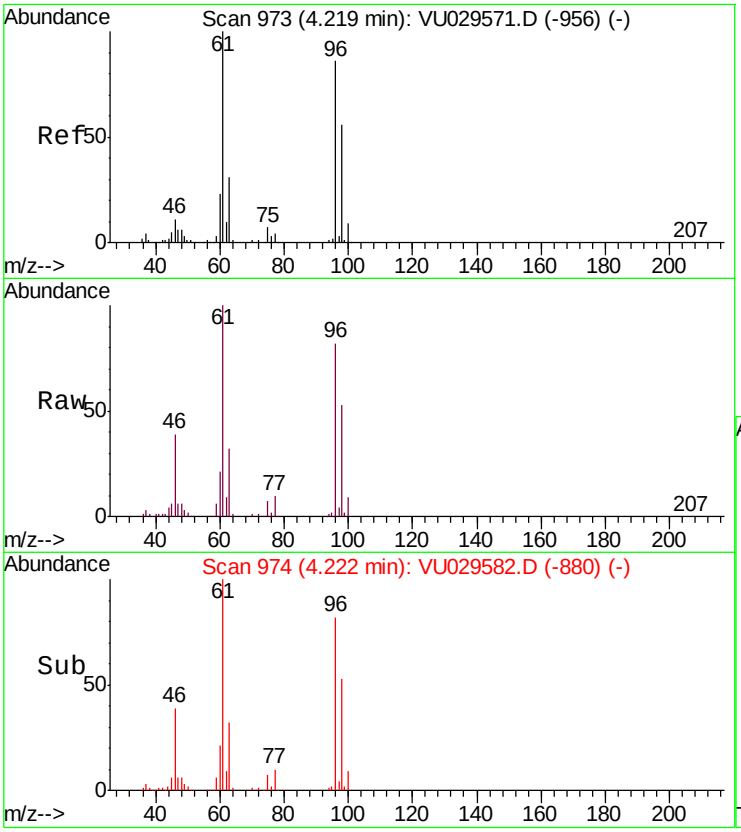


#18
trans-1,2-Dichloroethene
Concen: 0.138 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Tgt Ion: 96 Resp: 2383

Ion	Ratio	Lower	Upper
96	100		
61	115.4	95.4	177.2
98	68.5	45.8	85.2



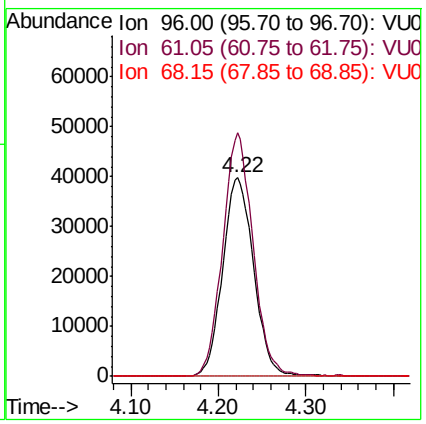


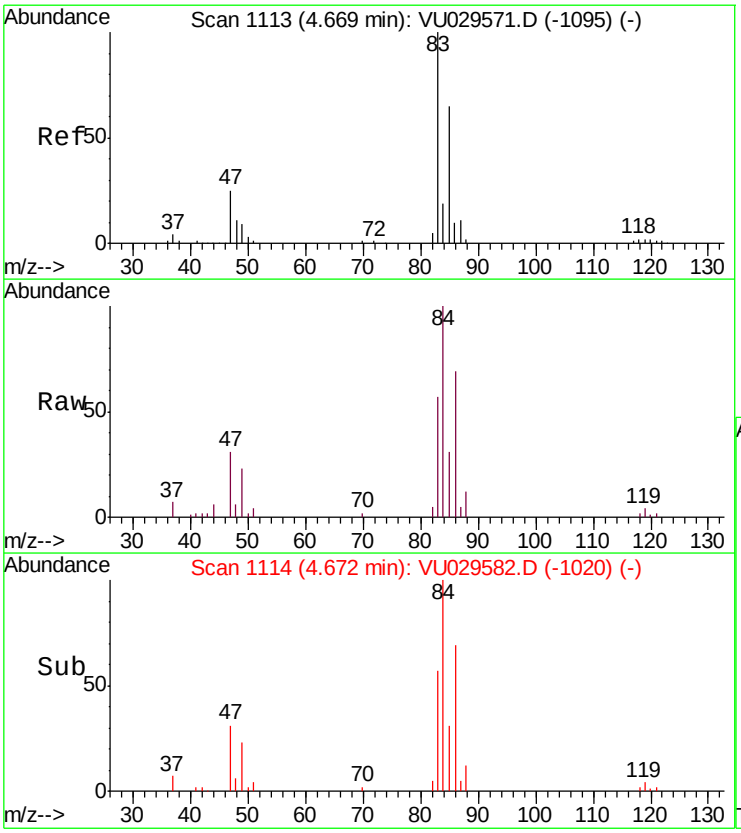
#22
cis-1,2-Dichloroethene
Concen: 6.153 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Instrument :
MSVOA_U
ClientSampleId :
ESXE7DL

Tgt Ion: 96 Resp: 97941

Ion	Ratio	Lower	Upper
96	100		
61	122.6	79.9	148.5
68	0.0	0.0	0.0

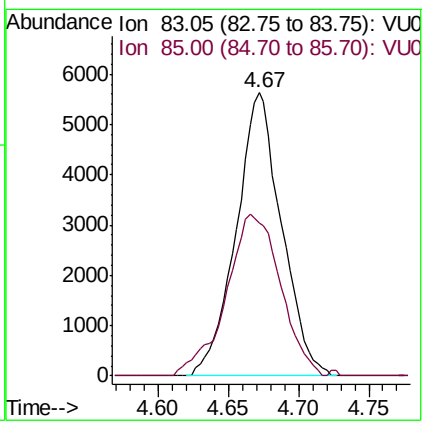


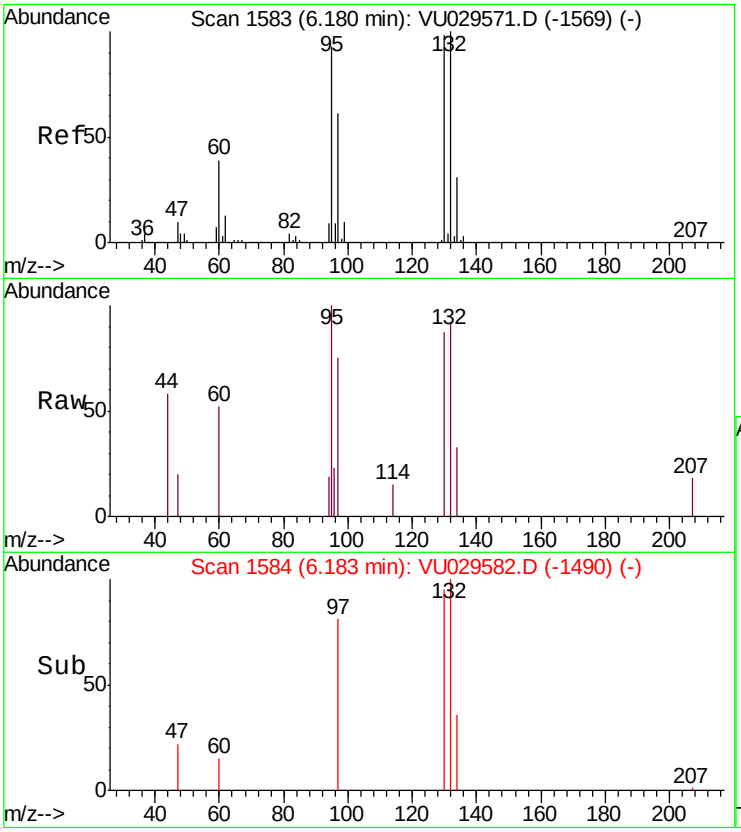


#25
Chloroform
Concen: 0.486 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Tgt Ion: 83 Resp: 12676

Ion	Ratio	Lower	Upper
83	100		
85	54.2	47.8	88.8



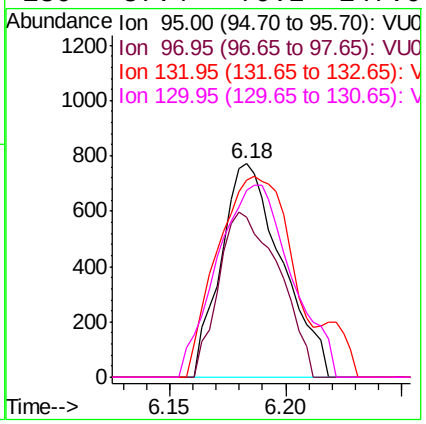


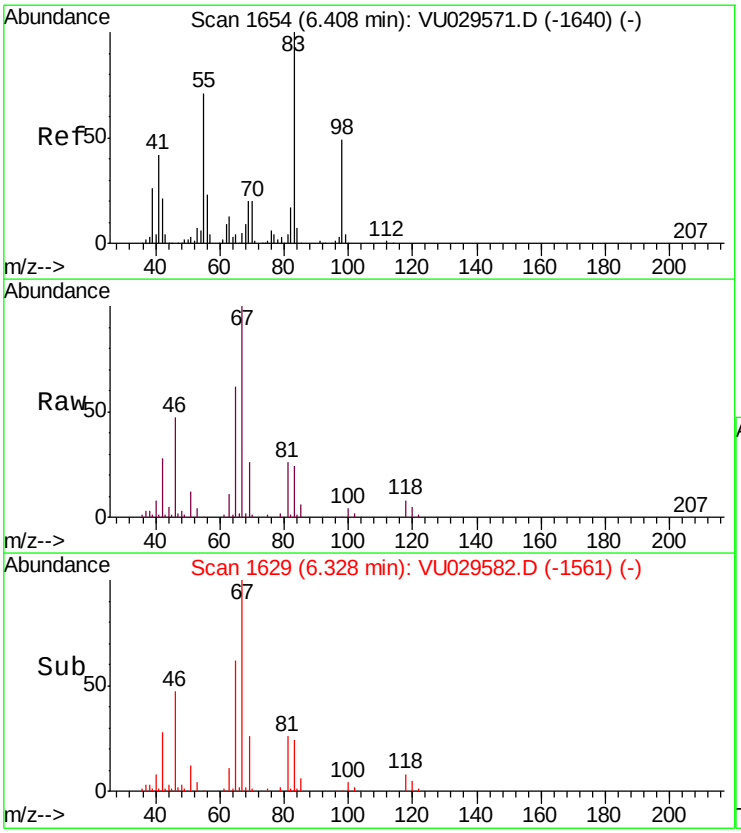
#34
Trichloroethene
Concen: 0.089 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Instrument :
MSVOA_U
ClientSampleId :
ESXE7DL

Tgt Ion: 95 Resp: 1403

Ion	Ratio	Lower	Upper
95	100		
97	74.7	46.3	86.1
132	92.1	72.9	135.3
130	87.4	79.2	147.0

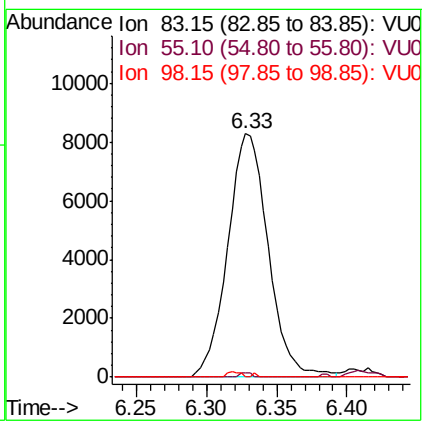


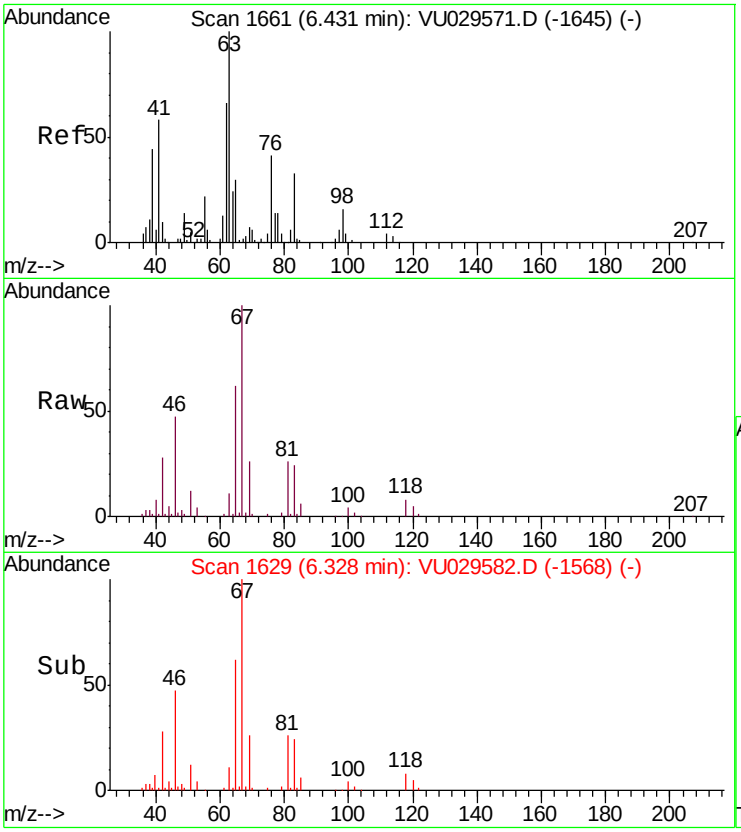


#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Tgt Ion: 83 Resp: 16661

Ion	Ratio	Lower	Upper
83	100		
55	0.5	55.9	83.9#
98	0.2	38.6	57.8#



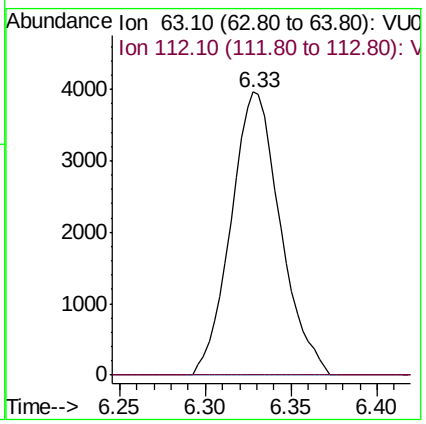


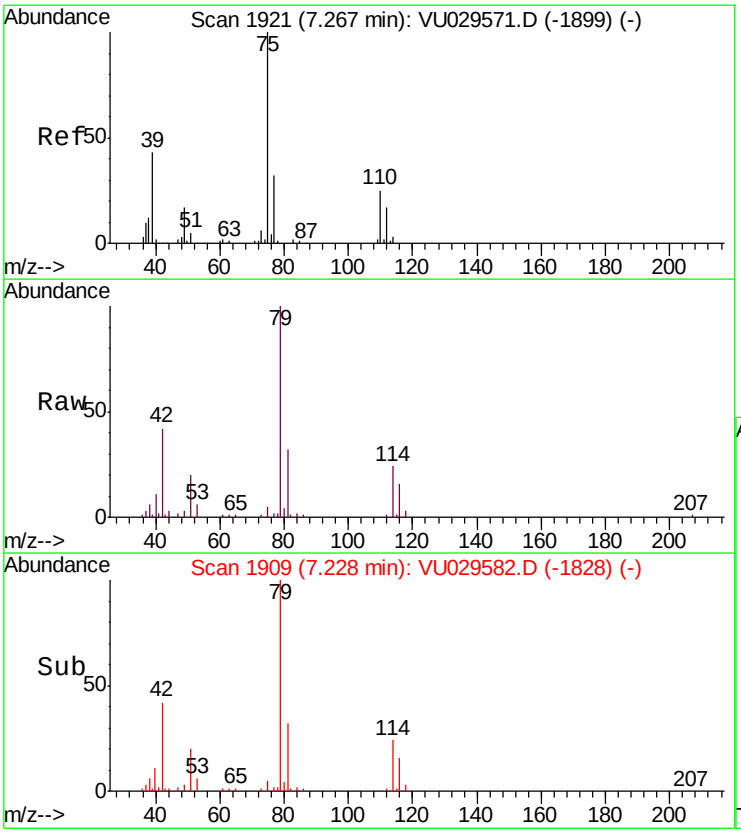
#37
1,2-Dichloropropane
Concen: 0.566 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Instrument :
MSVOA_U
ClientSampleId :
ESXE7DL

Tgt Ion: 63 Resp: 7912

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

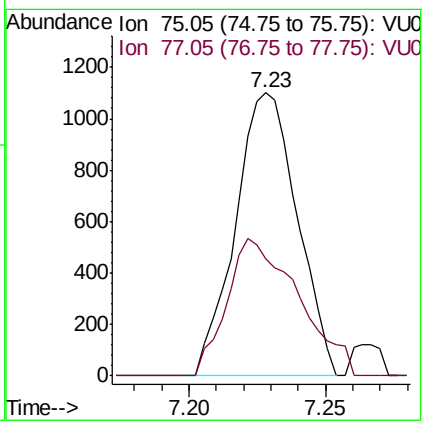


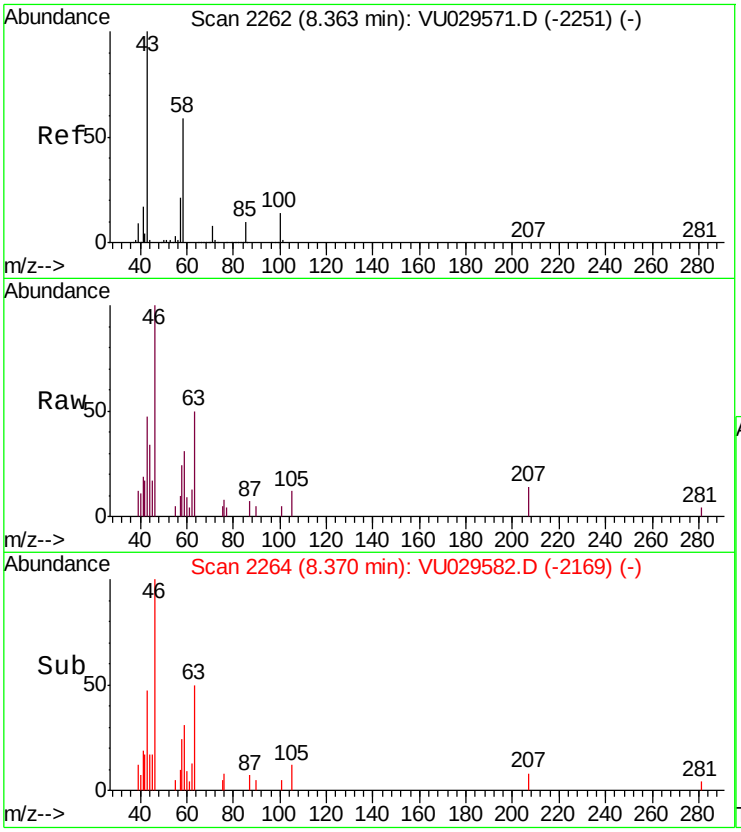


#39
cis-1,3-Dichloropropene
Concen: 0.079 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Tgt Ion: 75 Resp: 1729

Ion	Ratio	Lower	Upper
75	100		
77	41.2	22.3	41.3



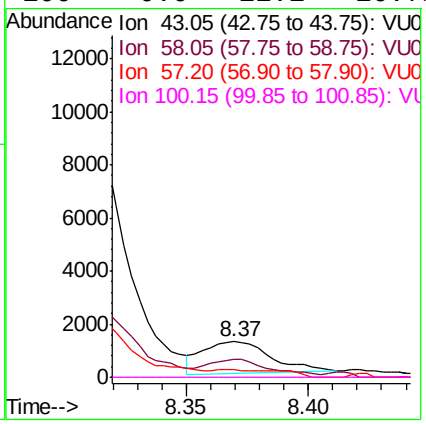


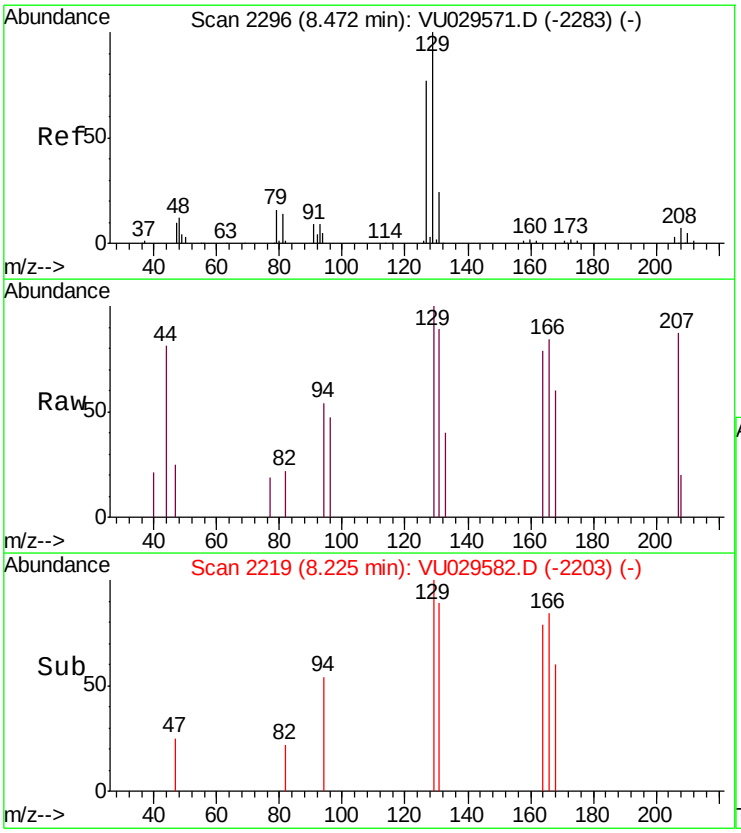
#48
2-Hexanone
Concen: 0.397 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Instrument : MSVOA_U
ClientSampleId : ESXE7DL

Tgt Ion: 43 Resp: 2330

Ion	Ratio	Lower	Upper
43	100		
58	54.8	45.7	68.5
57	23.1	16.4	24.6
100	0.0	11.1	16.7#

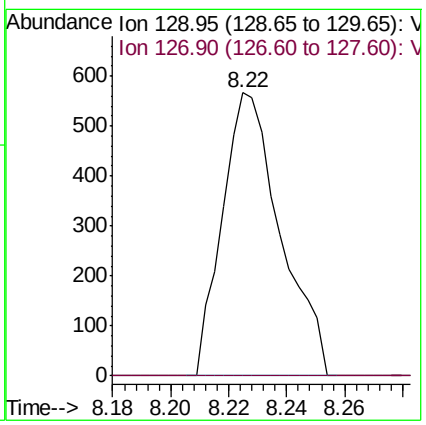


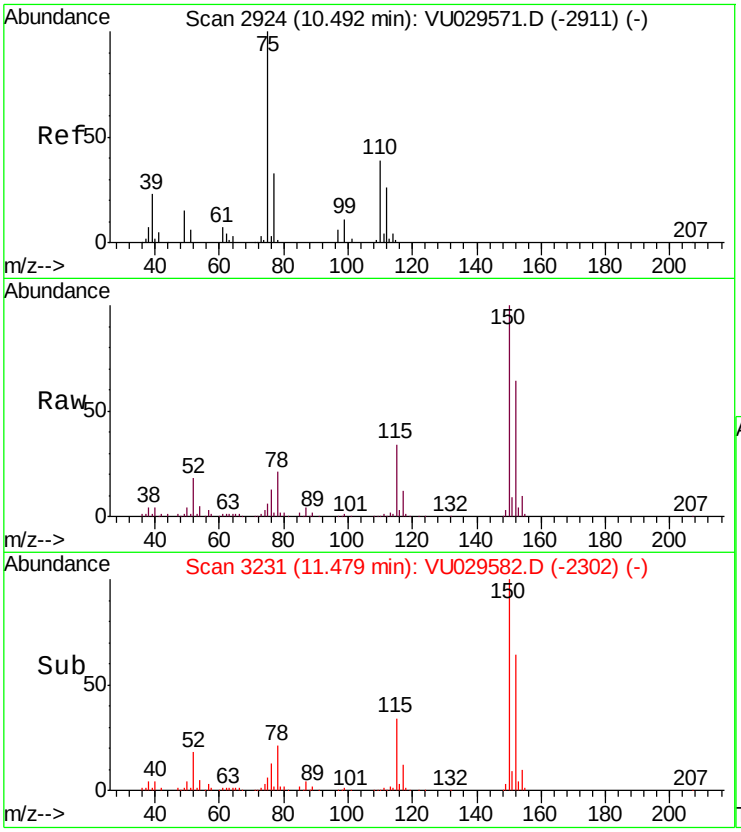


#49
Dibromochloromethane
Concen: 0.055 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Tgt Ion:129 Resp: 788

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	99.1#





#59
1,2,3-Trichloropropane
Concen: 1.119 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029582.D
Acq: 20 Feb 2019 15:50

Instrument :
MSVOA_U
ClientSampleId :
ESXE7DL

Tgt Ion: 75 Resp: 10026

Ion	Ratio	Lower	Upper
75	100		
77	38.0	28.2	42.2