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

Quantitation Report (Not Reviewed)

Data File : VU029581.D
Acq On : 20 Feb 2019 15:26
Operator : JC/SP
Sample : K1488-09DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE5DL

Quant Time: Feb 21 04:27:19 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	201580	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	200429	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	103566	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	56379	4.16	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.20%			
7) Chloroethane-d5	1.68	69	49969	4.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.60%			
11) 1,1-Dichloroethene-d2	2.27	63	88187	3.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.00%			
20) 2-Butanone-d5	4.19	46	177486	63.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 126.06%			
24) Chloroform-d	4.65	84	104738	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.31	65	62258	5.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.60%			
32) Benzene-d6	5.34	84	225775	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
36) 1,2-Dichloropropane-d6	6.33	67	69995	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.56	98	209203	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
43) trans-1,3-Dichloropropene-	7.85	79	27314	4.29	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%			
46) 2-Hexanone-d5	8.31	63	170685	58.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65723	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	99216	5.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	624352	32.161	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1119	0.064	ug/L #	28
12) 1,1-Dichloroethene	2.28	96	4594	0.277	ug/L #	1
16) Methylene chloride	2.70	84	5355	0.287	ug/L	94
18) trans-1,2-Dichloroethene	2.98	96	12118	0.685	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	1902860	116.942	ug/L	97
25) Chloroform	4.67	83	9152	0.343	ug/L	98
34) Trichloroethene	6.18	95	11777	0.710	ug/L	93
35) Methylcyclohexane	6.33	83	17251	0.618	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	7694	0.521	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1709	0.073	ug/L #	39
47) Tetrachloroethene	8.22	164	29531	1.944	ug/L	97
48) 2-Hexanone	8.36	43	2674	0.431	ug/L #	77
49) Dibromochloromethane	8.22	129	26052	1.708	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10020	1.057	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	540	0.250	ug/L #	1

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

Quantitation Report (Not Reviewed)

Data File : VU029581.D
Acq On : 20 Feb 2019 15:26
Operator : JC/SP
Sample : K1488-09DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE5DL

Quant Time: Feb 21 04:27:19 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

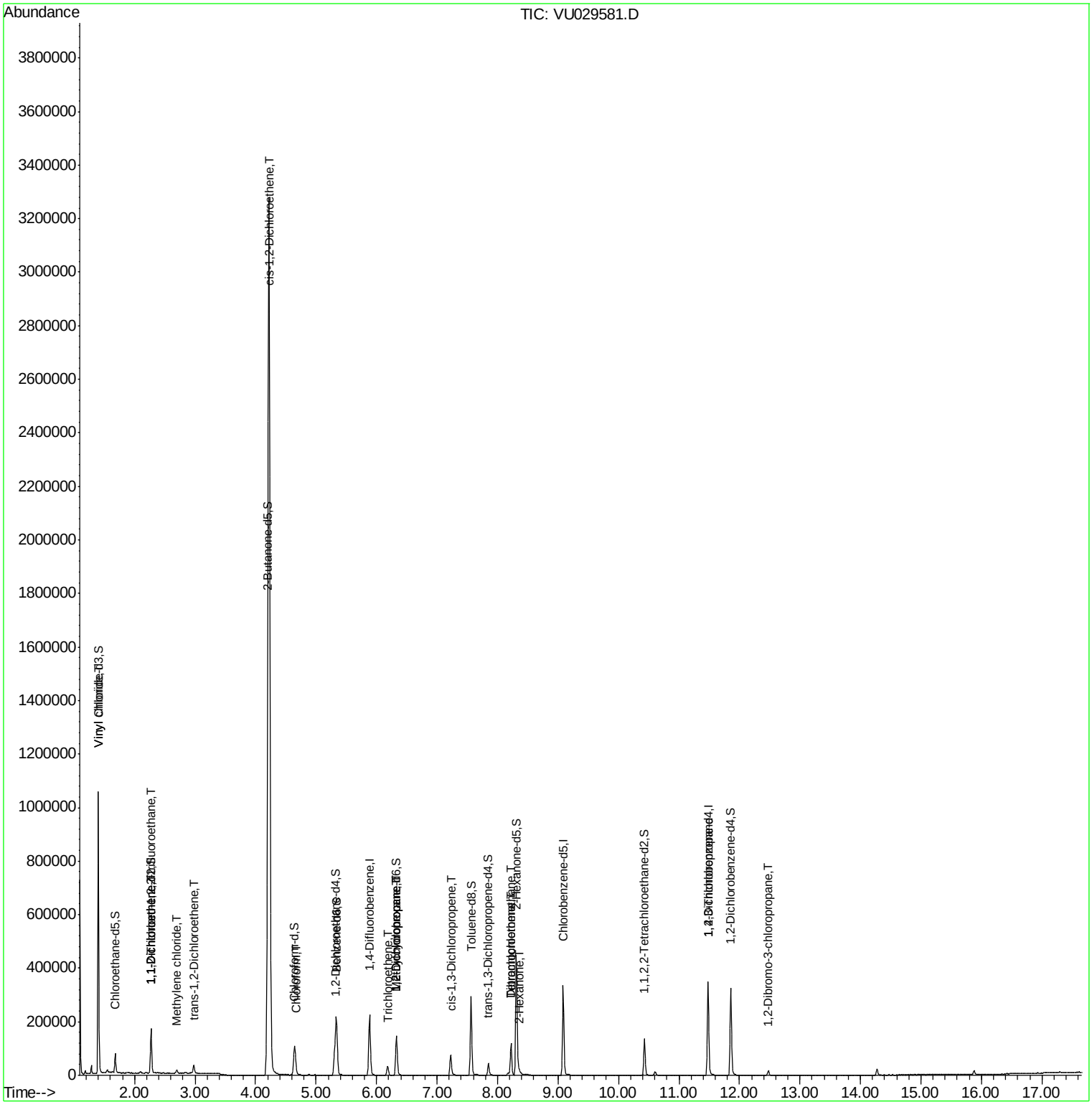
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022019\

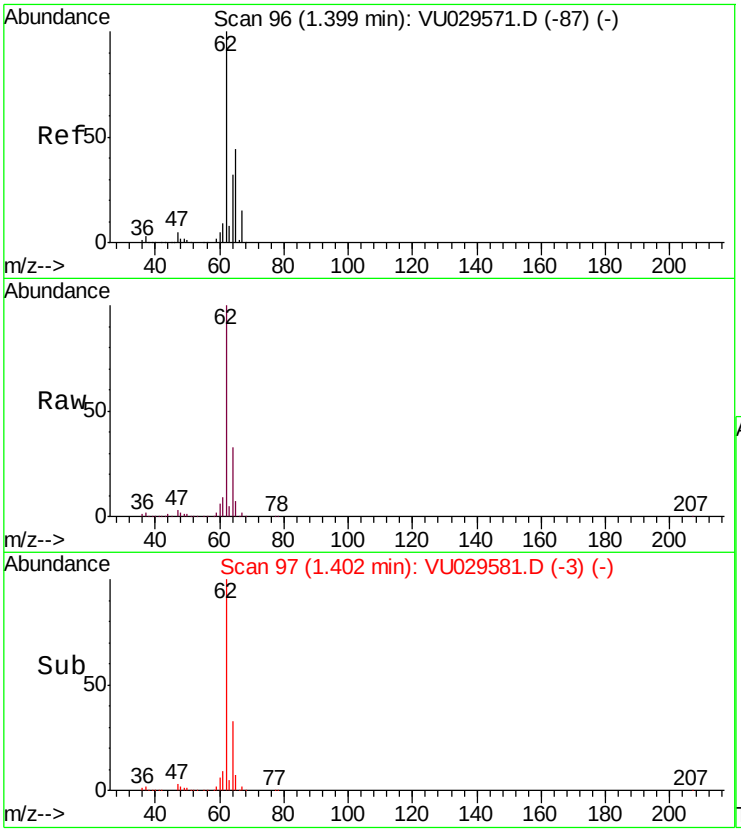
Quantitation Report (Not Reviewed)

Data File : VU029581.D
Acq On : 20 Feb 2019 15:26
Operator : JC/SP
Sample : K1488-09DL 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXE5DL

Quant Time: Feb 21 04:27:19 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



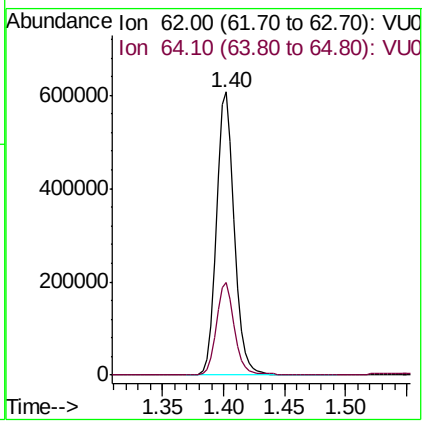


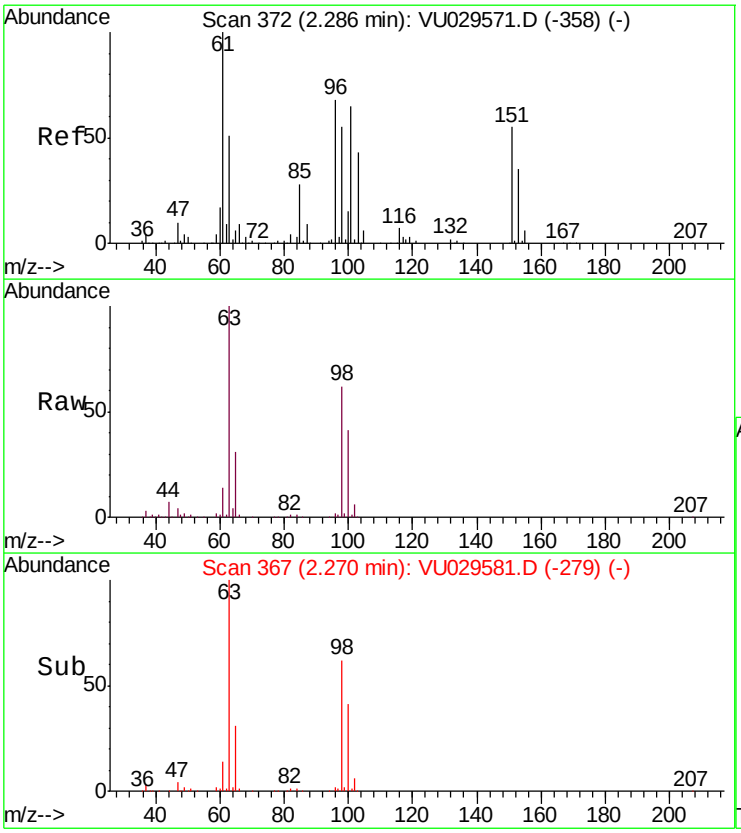
#5
Vinyl chloride
Concen: 32.161 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5DL

Tgt Ion: 62 Resp: 624352

Ion	Ratio	Lower	Upper
62	100		
64	32.7	23.5	43.7

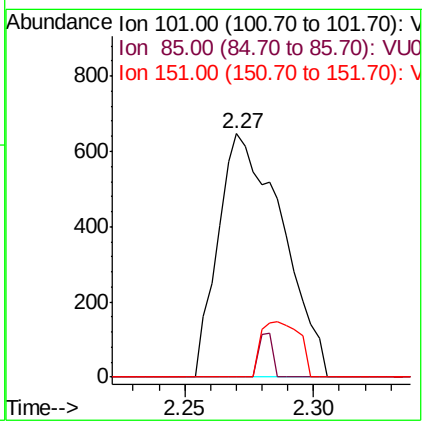


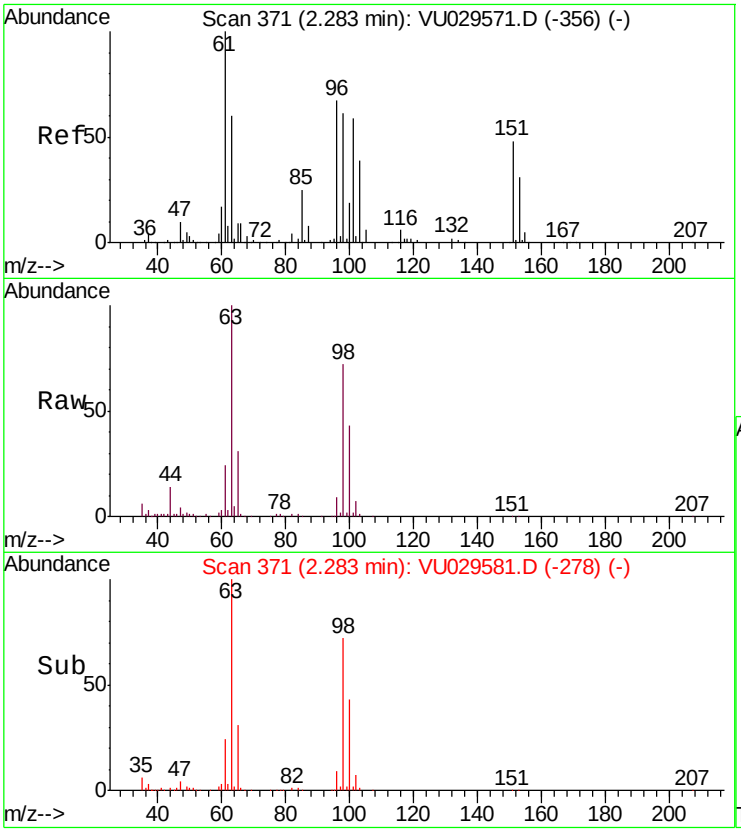


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.064 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Tgt Ion:101 Resp: 1119

Ion	Ratio	Lower	Upper
101	100		
85	4.0	35.1	52.7#
151	13.8	67.0	100.6#



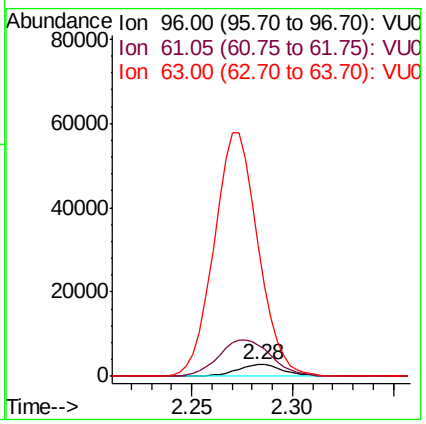


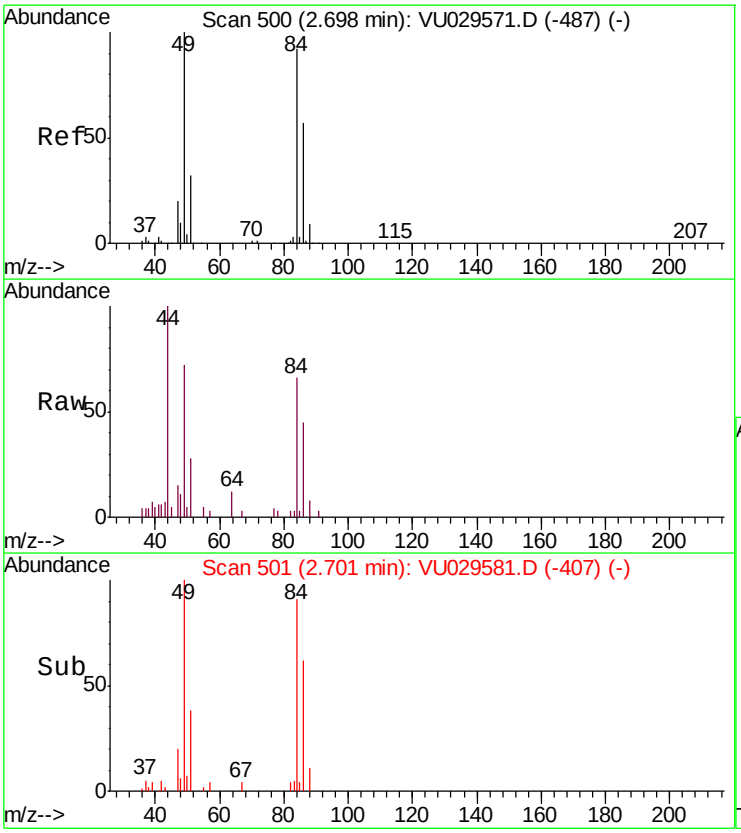
#12
1,1-Dichloroethene
Concen: 0.277 ug/L
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Instrument : MSVOA_U
ClientSampleId : ESXE5DL

Tgt Ion: 96 Resp: 4594

Ion	Ratio	Lower	Upper
96	100		
61	267.5	115.1	213.7#
63	1107.9	83.5	155.1#

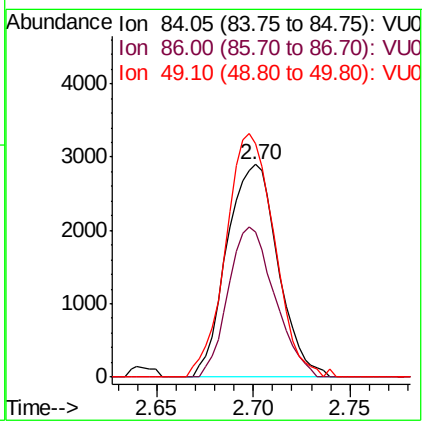


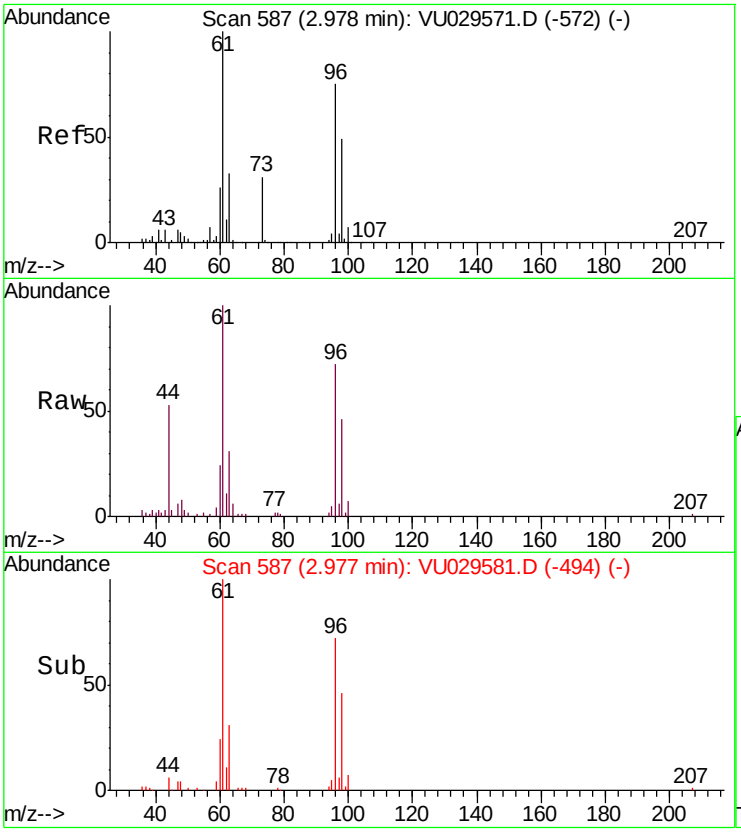


#16
Methylene chloride
Concen: 0.287 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Tgt Ion: 84 Resp: 5355

Ion	Ratio	Lower	Upper
84	100		
86	68.5	45.1	83.9
49	109.7	81.8	151.8



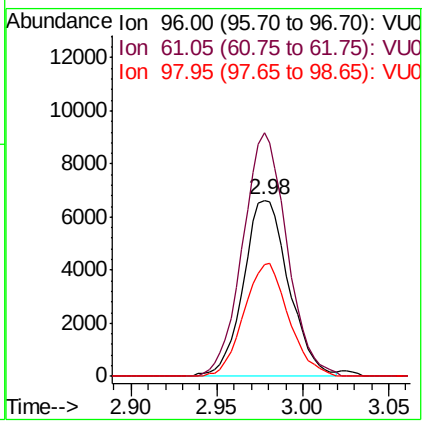


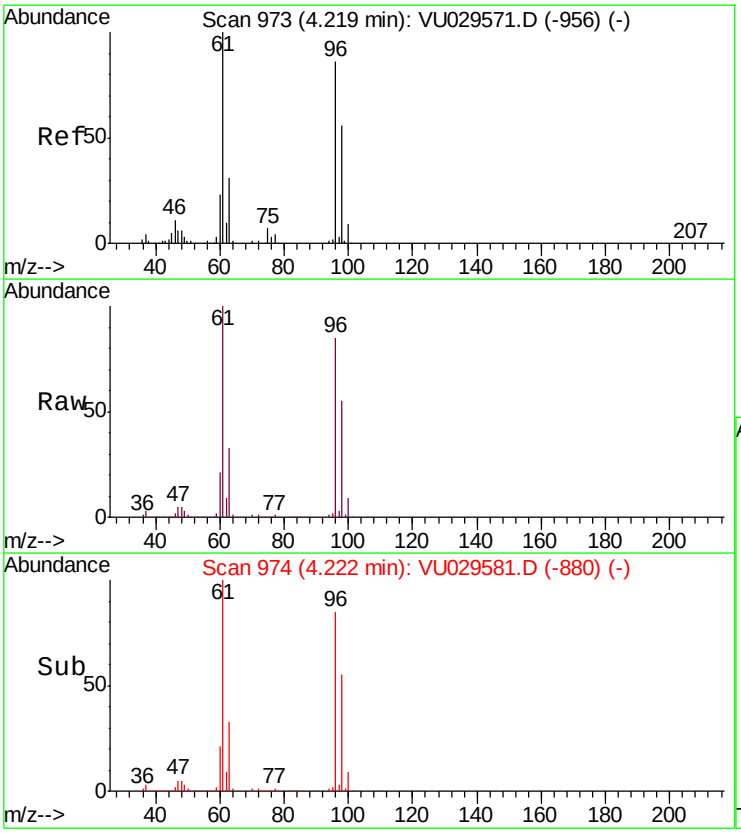
#18
trans-1,2-Dichloroethene
Concen: 0.685 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5DL

Tgt Ion: 96 Resp: 12118

Ion	Ratio	Lower	Upper
96	100		
61	138.2	95.4	177.2
98	63.2	45.8	85.2

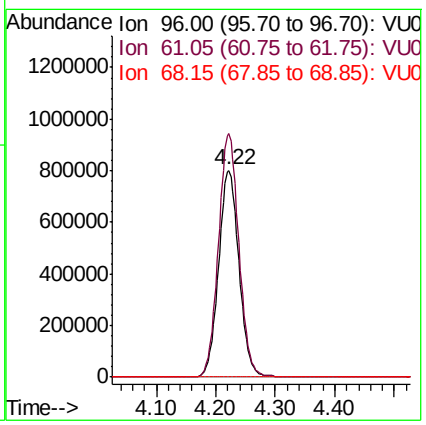


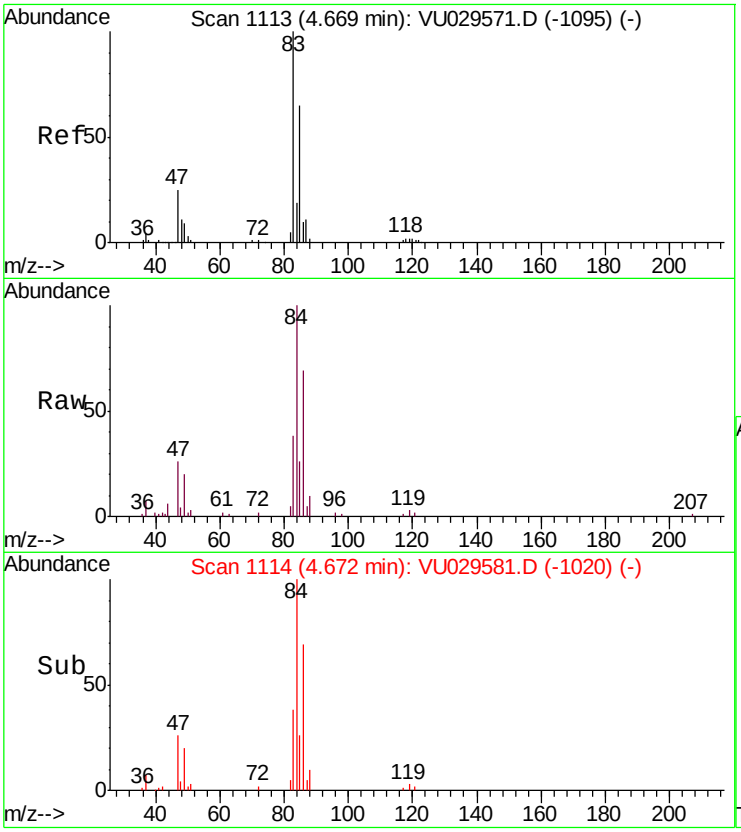


#22
cis-1,2-Dichloroethene
Concen: 116.942 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Tgt Ion: 96 Resp: 1902860

Ion	Ratio	Lower	Upper
96	100		
61	117.8	79.9	148.5
68	0.0	0.0	0.0



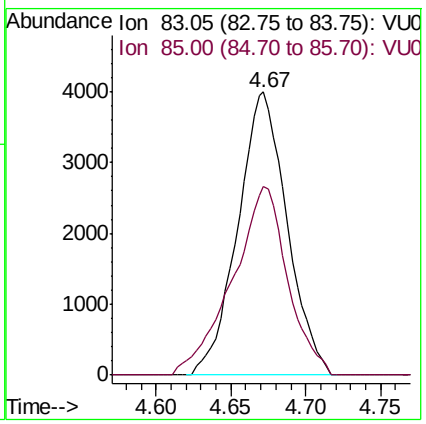


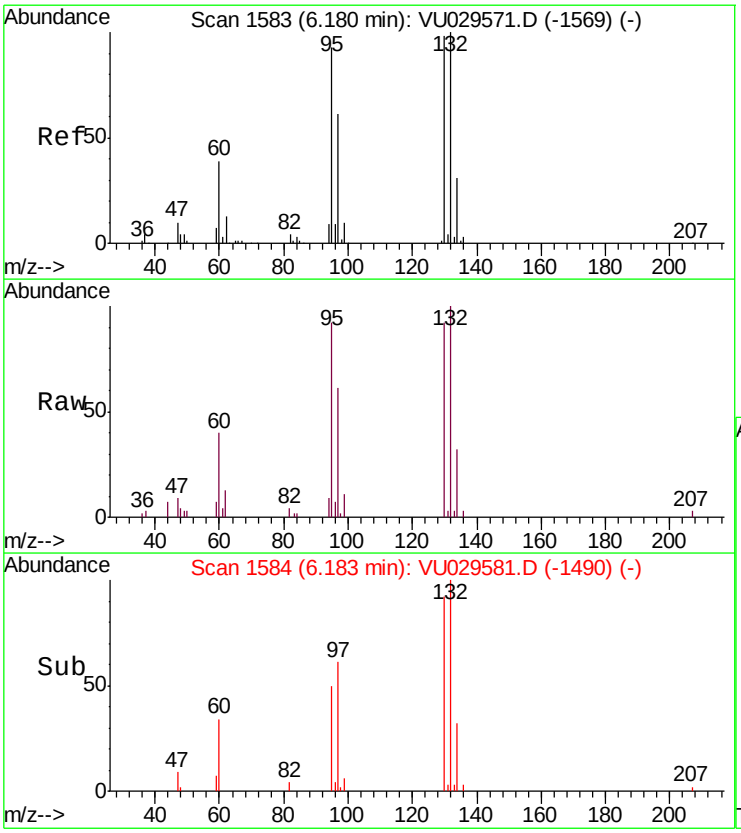
#25
Chloroform
Concen: 0.343 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Instrument : MSVOA_U
ClientSampleId : ESXE5DL

Tgt Ion: 83 Resp: 9152

Ion	Ratio	Lower	Upper
83	100		
85	66.8	47.8	88.8

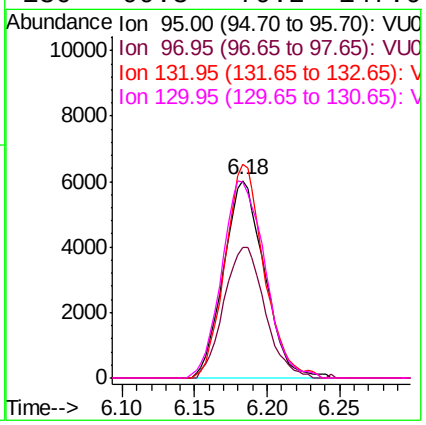


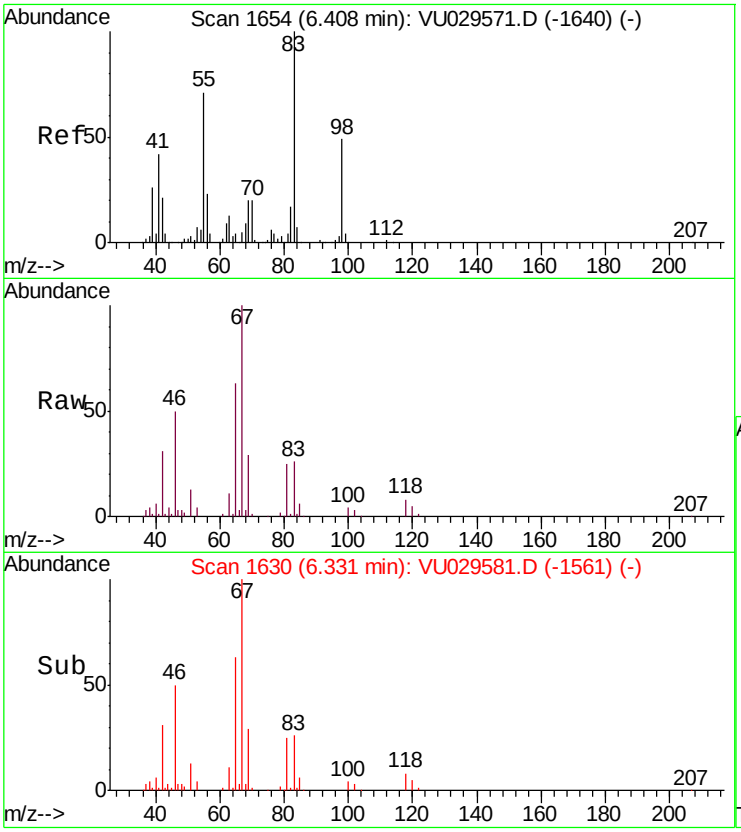


#34
Trichloroethene
Concen: 0.710 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Tgt Ion: 95 Resp: 11777

Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.3	86.1
132	108.2	72.9	135.3
130	99.3	79.2	147.0



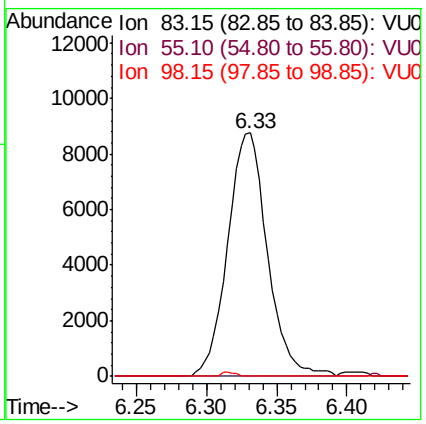


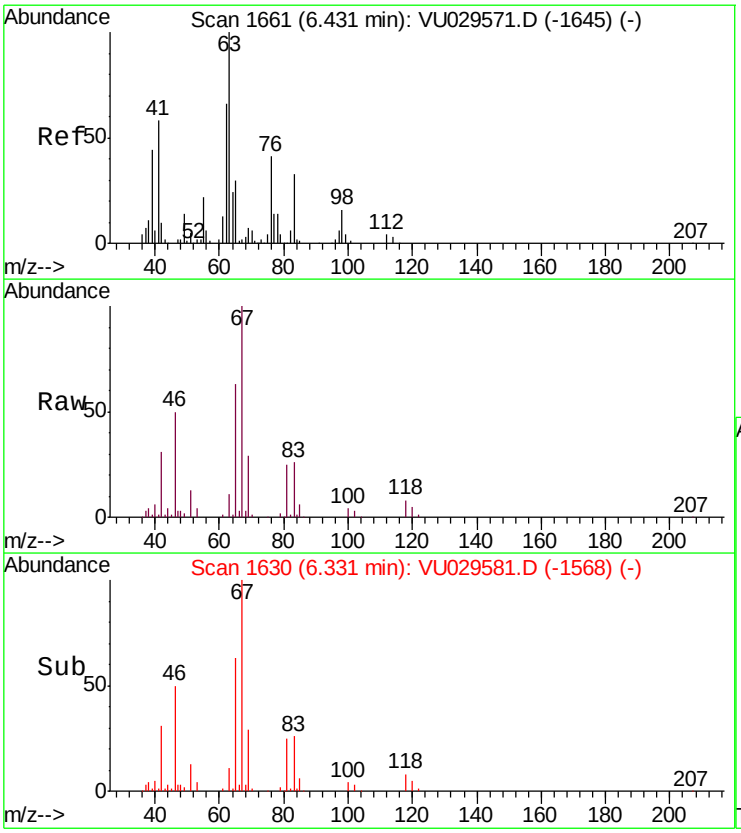
#35
Methylcyclohexane
Concen: 0.618 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5DL

Tgt Ion: 83 Resp: 17251

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.9	83.9#
98	0.6	38.6	57.8#

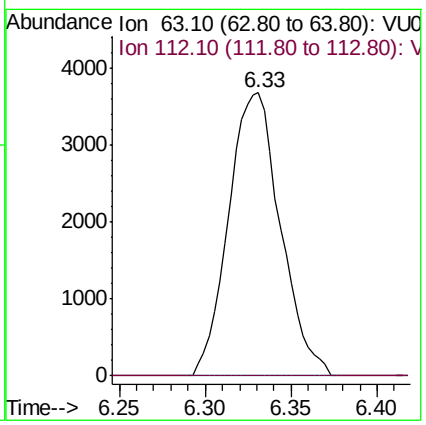


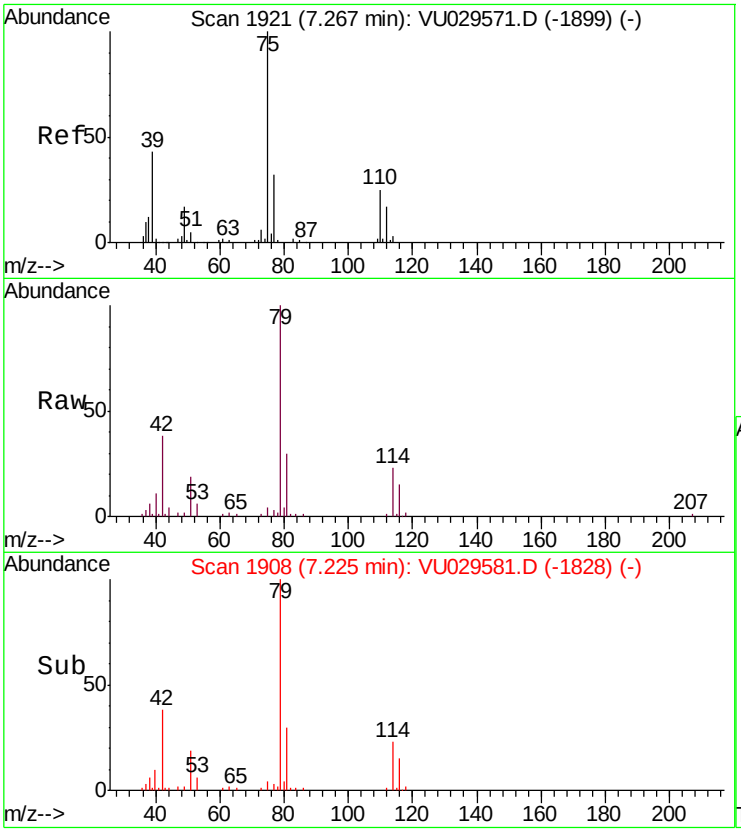


#37
1,2-Dichloropropane
Concen: 0.521 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Tgt Ion: 63 Resp: 7694

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



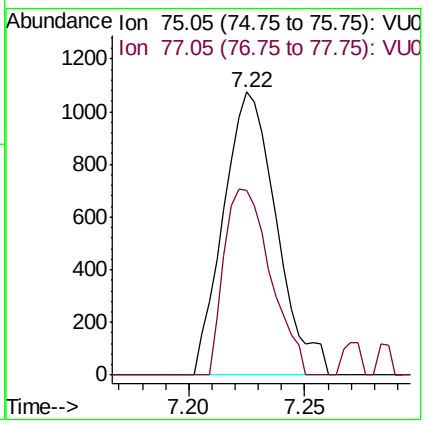


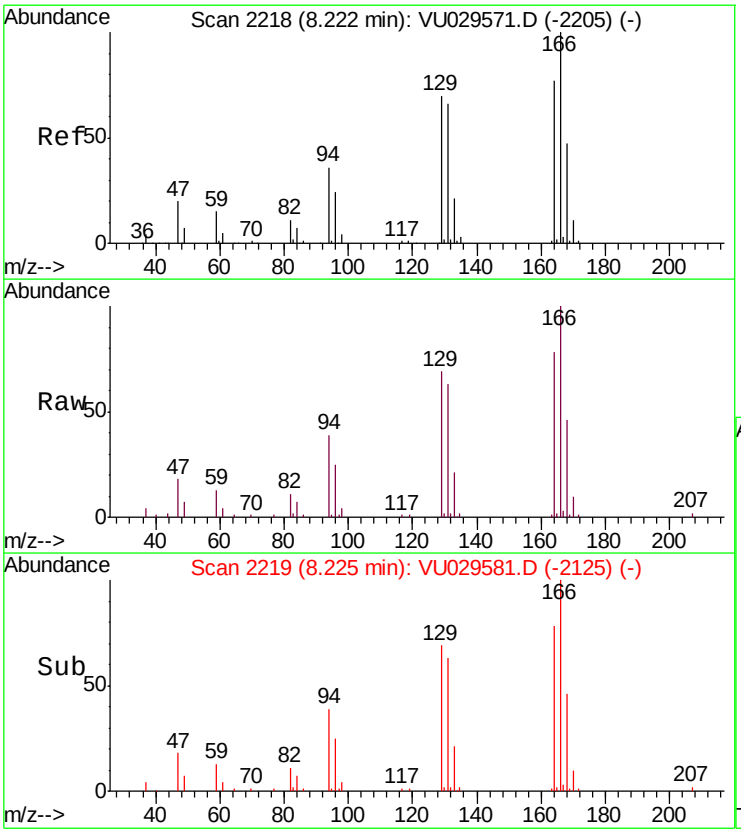
#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5DL

Tgt Ion: 75 Resp: 1709

Ion	Ratio	Lower	Upper
75	100		
77	65.5	22.3	41.3#

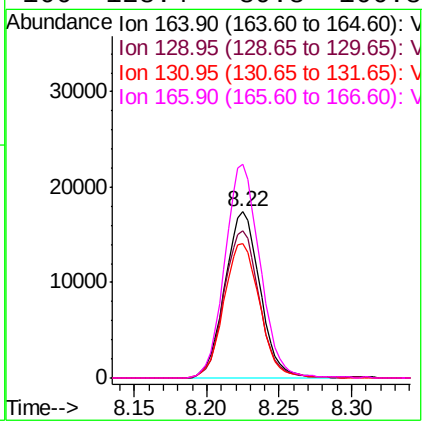


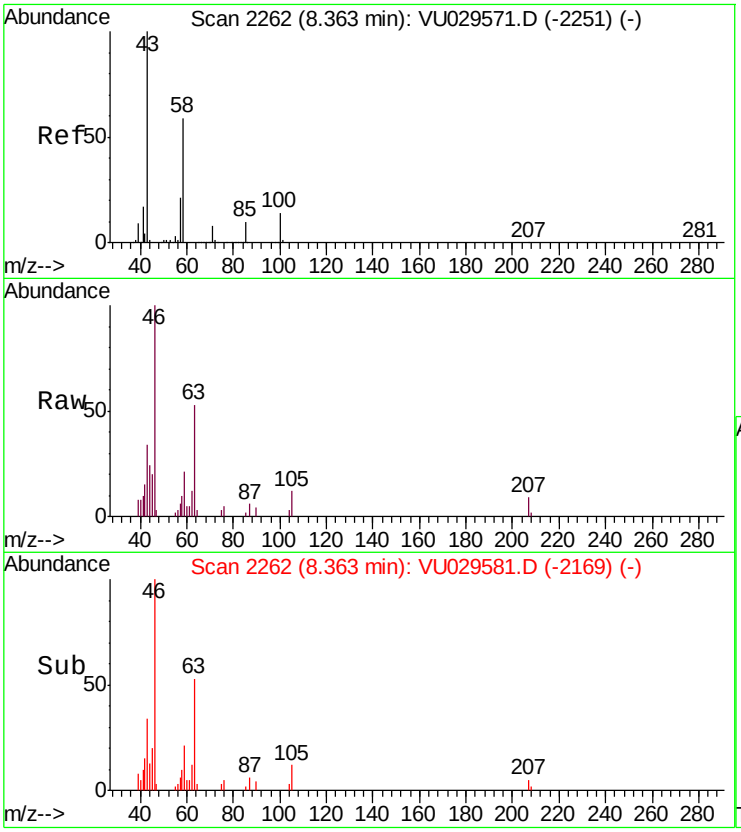


#47
Tetrachloroethene
Concen: 1.944 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Tgt Ion:164 Resp: 29531

Ion	Ratio	Lower	Upper
164	100		
129	88.5	62.9	116.9
131	80.5	62.1	115.3
166	128.4	89.8	166.8



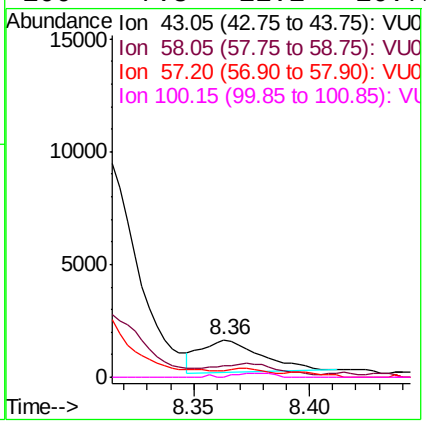


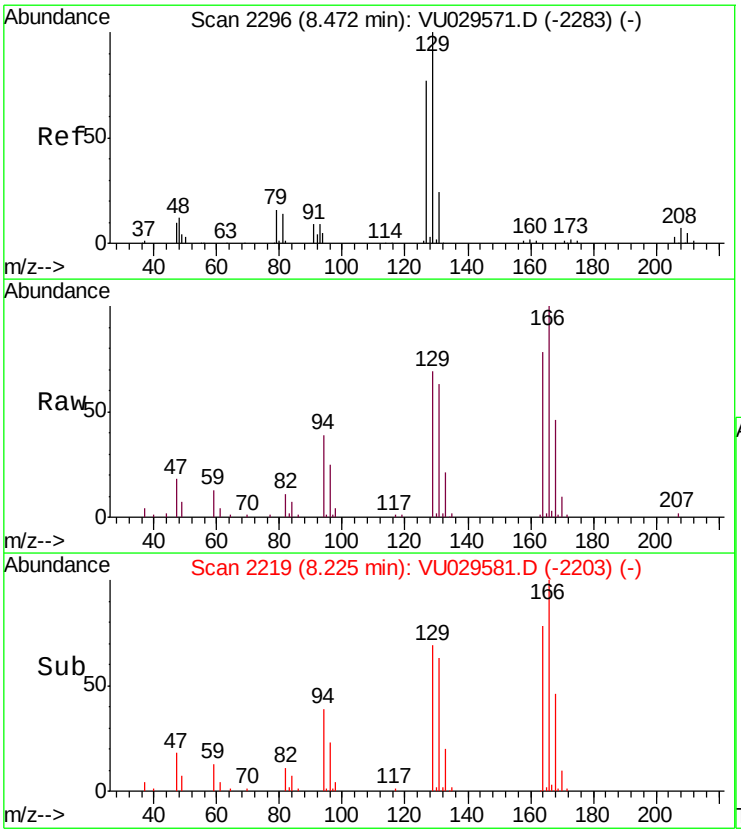
#48
2-Hexanone
Concen: 0.431 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Instrument : MSVOA_U
ClientSampleId : ESXE5DL

Tgt Ion: 43 Resp: 2674

Ion	Ratio	Lower	Upper
43	100		
58	33.3	45.7	68.5#
57	19.2	16.4	24.6
100	7.8	11.1	16.7#

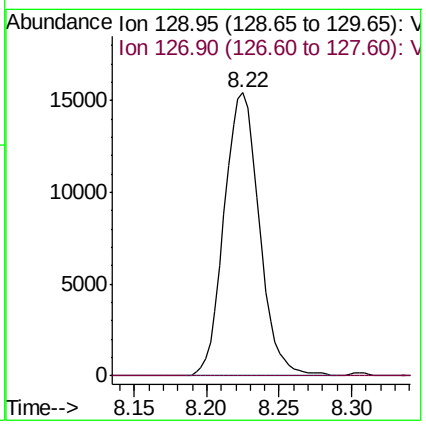


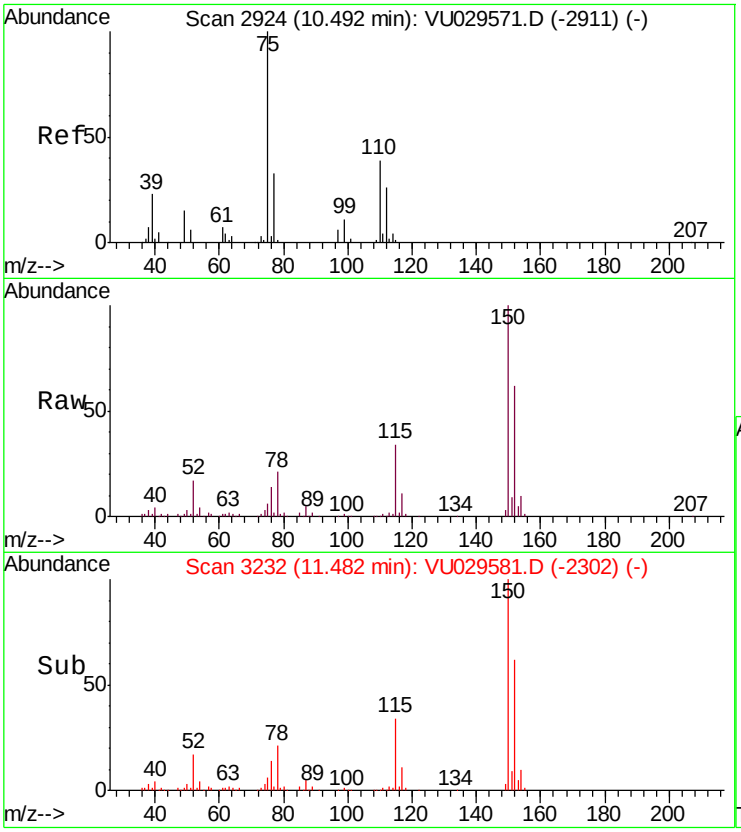


#49
Dibromochloromethane
Concen: 1.708 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Tgt Ion:129 Resp: 26052

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	99.1#



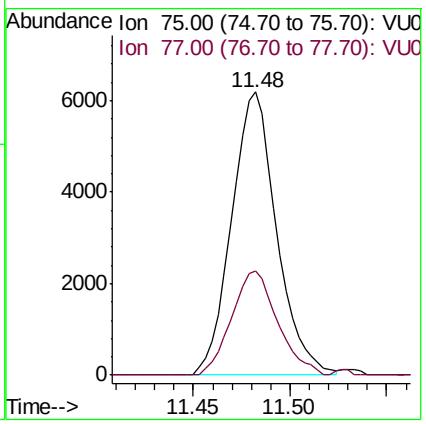


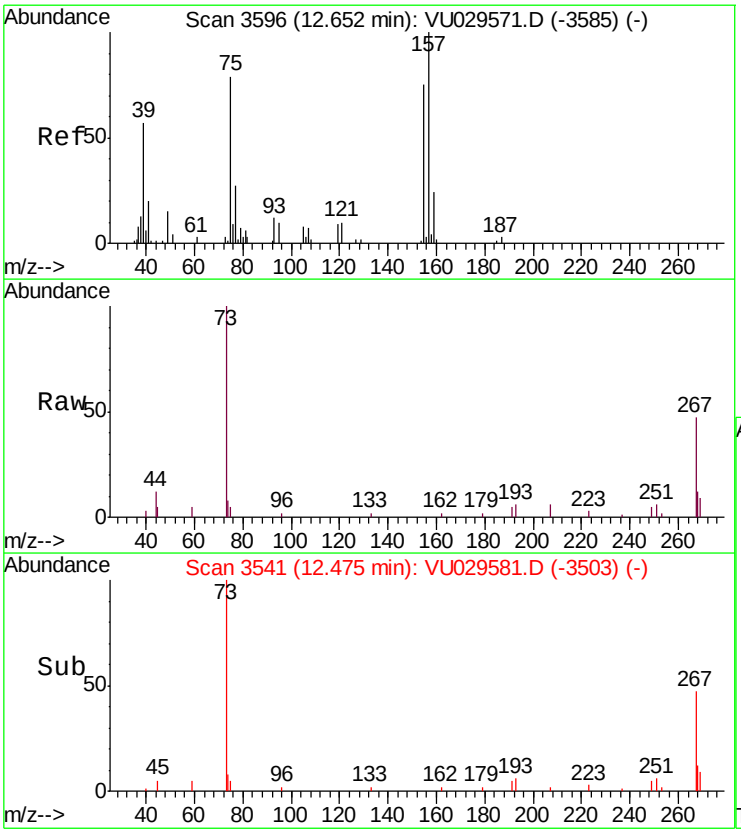
#59
1,2,3-Trichloropropane
Concen: 1.057 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Instrument :
MSVOA_U
ClientSampleId :
ESXE5DL

Tgt Ion: 75 Resp: 10020

Ion	Ratio	Lower	Upper
75	100		
77	37.6	28.2	42.2





#66
1,2-Dibromo-3-chloropropane
Concen: 0.250 ug/L
RT: 12.48 min Scan# 3541
Delta R.T. -0.18 min
Lab File: VU029581.D
Acq: 20 Feb 2019 15:26

Tgt Ion: 75 Resp: 540

Ion	Ratio	Lower	Upper
75	100		
155	0.0	75.3	112.9#
157	0.0	103.0	154.4#