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

Quantitation Report (Not Reviewed)

Data File : VU029579.D
Acq On : 20 Feb 2019 14:38
Operator : JC/SP
Sample : K1488-13DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE9DL

Quant Time: Feb 21 04:26:59 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	207656	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	197793	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	105359	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	51815	3.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.20%			
7) Chloroethane-d5	1.68	69	50342	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.60%			
11) 1,1-Dichloroethene-d2	2.27	63	87141	2.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.40%#			
20) 2-Butanone-d5	4.19	46	167112	57.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.22%			
24) Chloroform-d	4.64	84	95380	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.00%			
26) 1,2-Dichloroethane-d4	5.31	65	61408	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.00%			
32) Benzene-d6	5.34	84	224638	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.33	67	72481	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.20%			
41) Toluene-d8	7.56	98	211519	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	7.85	79	26515	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
46) 2-Hexanone-d5	8.31	63	164154	56.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66852	5.48	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	97291	5.01	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	12201	0.610	ug/L #	73
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	984	0.055	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	1245	0.073	ug/L #	1
22) cis-1,2-Dichloroethene	4.22	96	97158	5.796	ug/L	95
25) Chloroform	4.67	83	17924	0.653	ug/L	92
34) Trichloroethene	6.18	95	61670	3.767	ug/L	98
35) Methylcyclohexane	6.33	83	16469	0.598	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	7615	0.522	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1855	0.081	ug/L #	50
47) Tetrachloroethene	8.22	164	223712	14.920	ug/L	98
48) 2-Hexanone	8.37	43	2534	0.414	ug/L #	85
49) Dibromochloromethane	8.22	129	199043	13.221	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10436	1.116	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	1008	0.458	ug/L #	1

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

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

Quantitation Report (Not Reviewed)

Data File : VU029579.D
Acq On : 20 Feb 2019 14:38
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Sample : K1488-13DL 50X
Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
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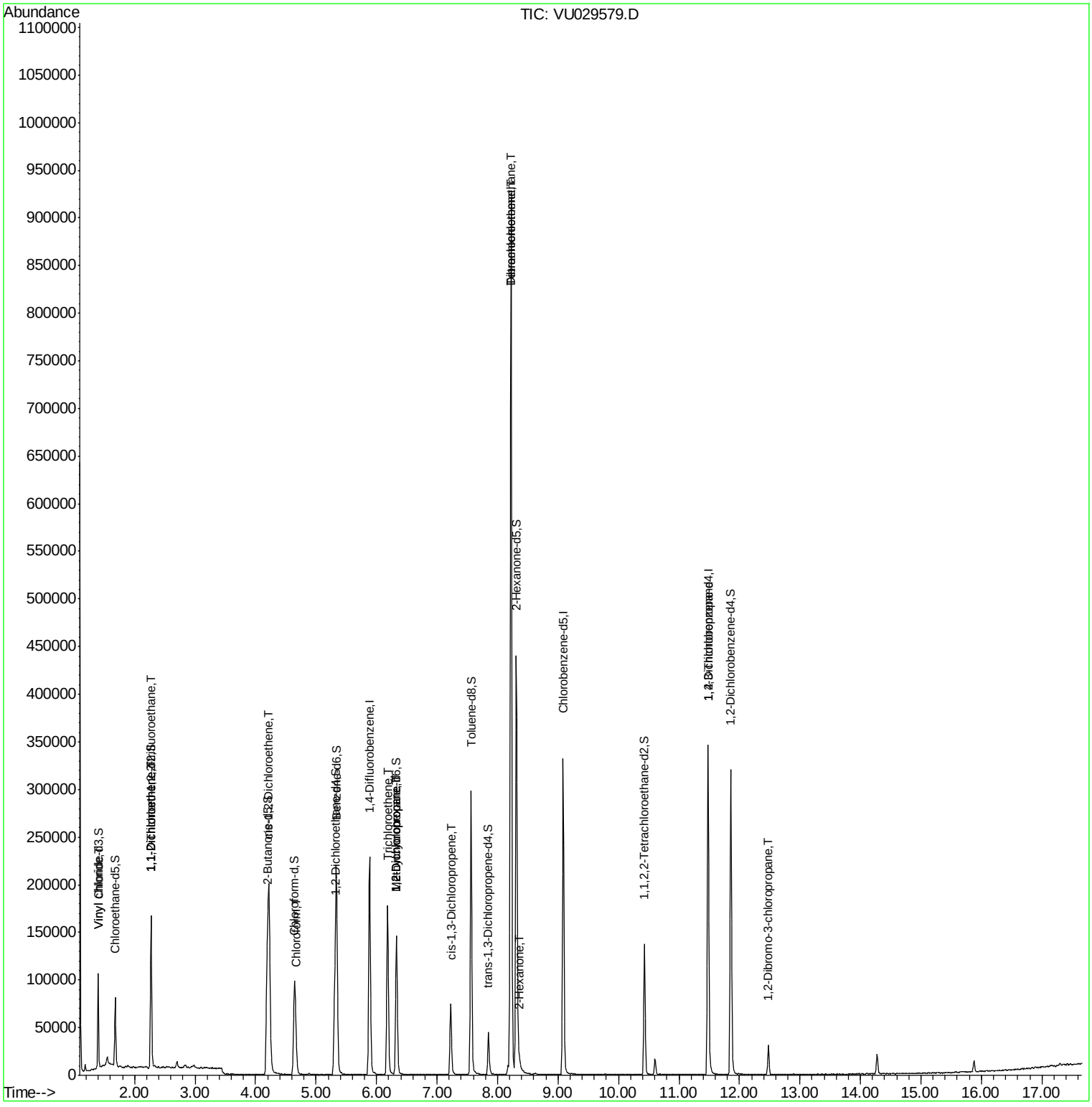
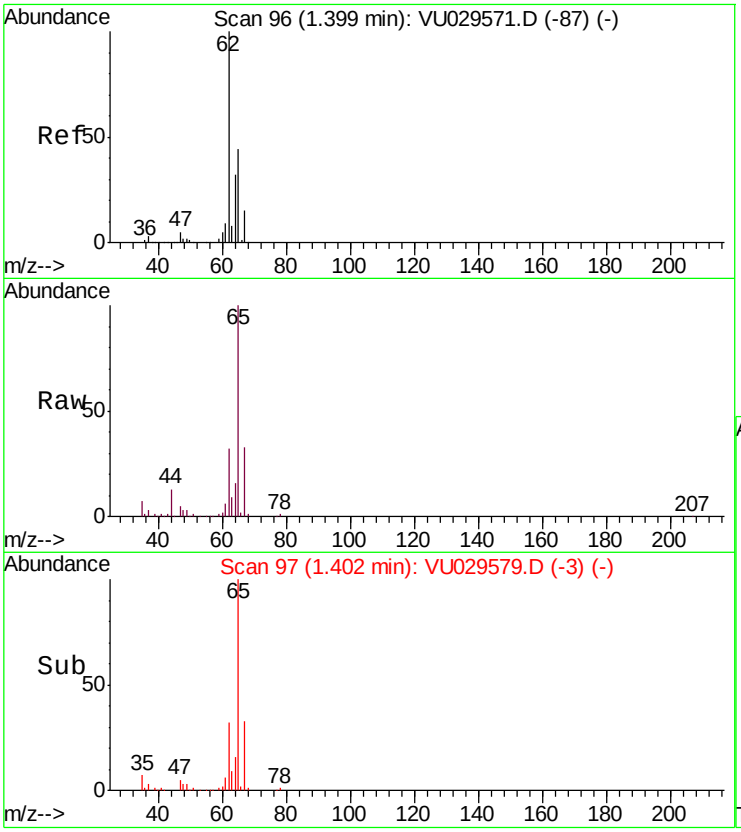
ClientSampleId :
ESXE9DL

Quant Time: Feb 21 04:26:59 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



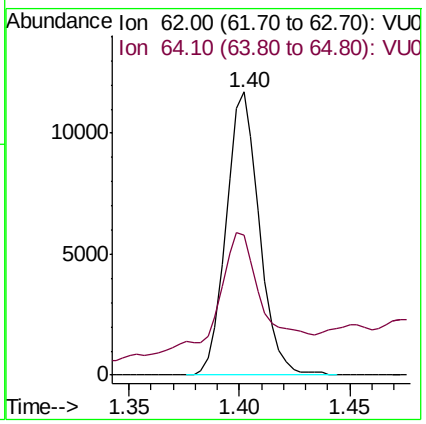


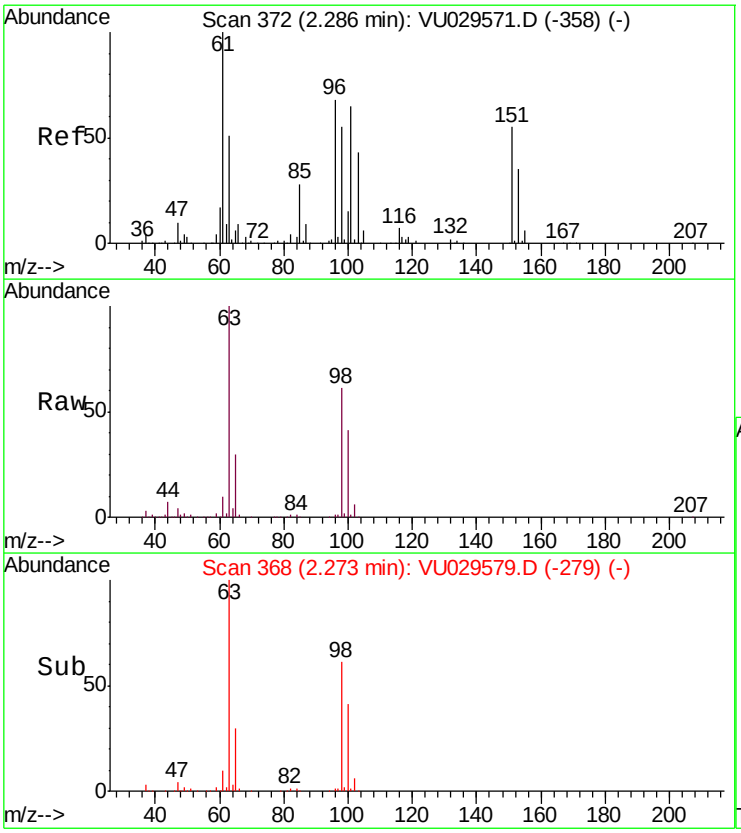
#5
Vinyl chloride
Concen: 0.610 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Instrument :
MSVOA_U
ClientSampleId :
ESXE9DL

Tgt Ion: 62 Resp: 12201

Ion	Ratio	Lower	Upper
62	100		
64	49.3	23.5	43.7#

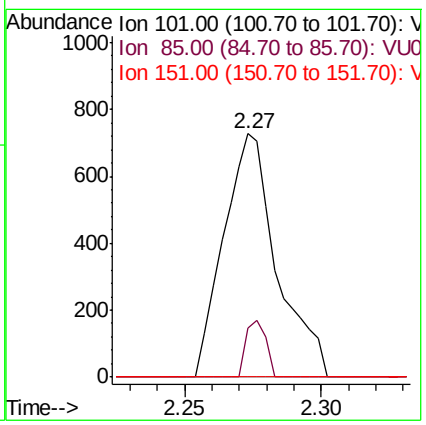


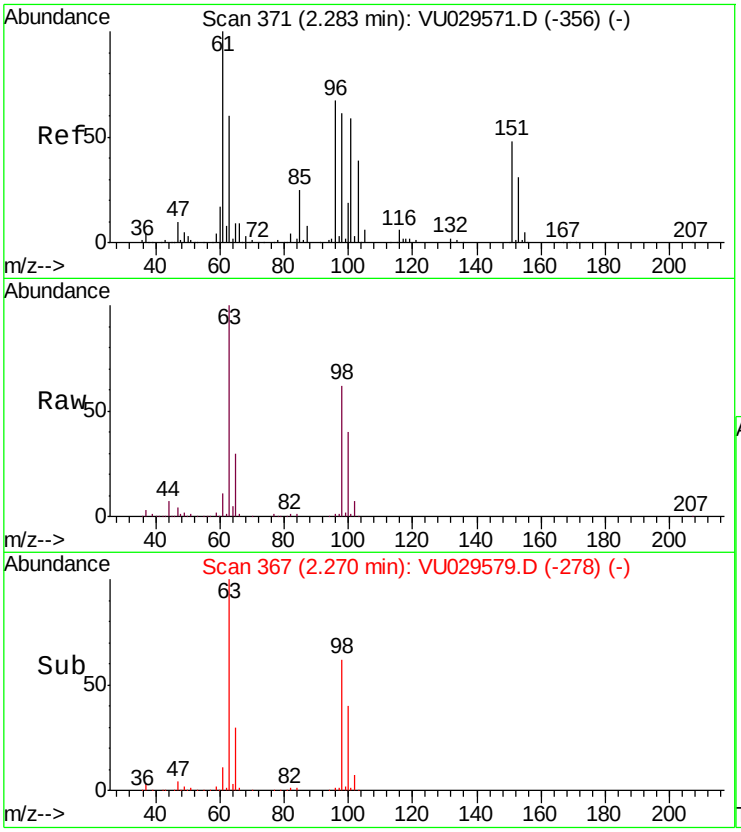


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.055 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Tgt Ion:101 Resp: 984

Ion	Ratio	Lower	Upper
101	100		
85	8.5	35.1	52.7#
151	0.0	67.0	100.6#



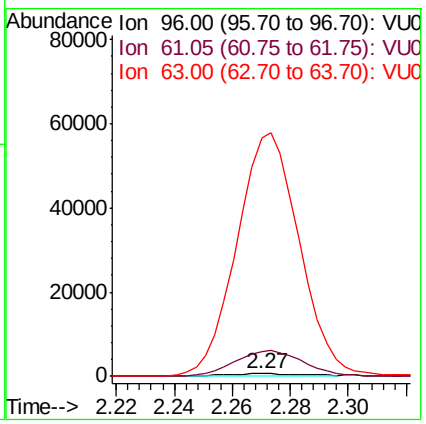


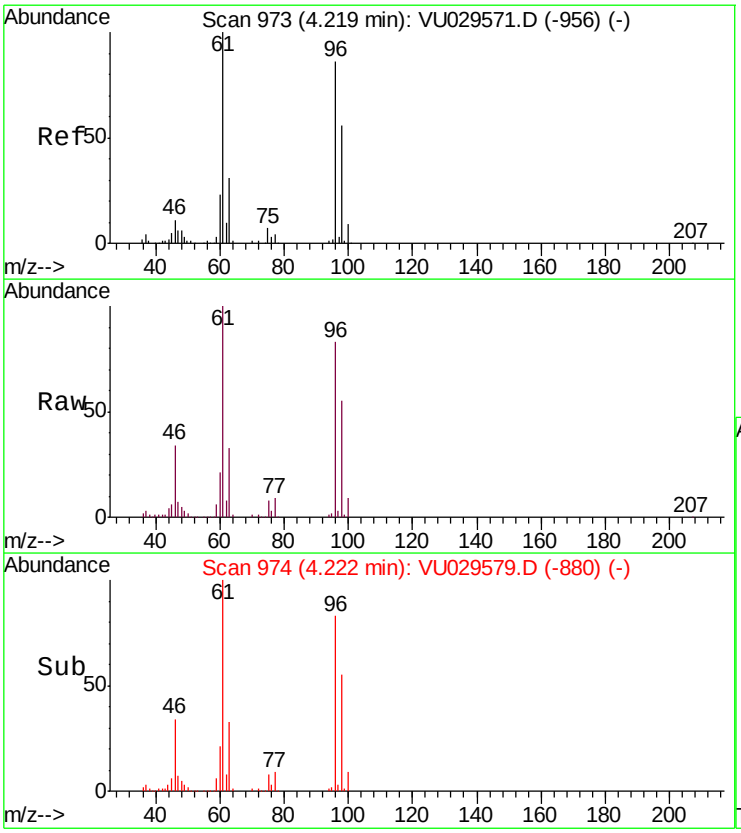
#12
1,1-Dichloroethene
Concen: 0.073 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Instrument : MSVOA_U
ClientSampleId : ESXE9DL

Tgt Ion: 96 Resp: 1245

Ion	Ratio	Lower	Upper
96	100		
61	989.4	115.1	213.7#
63	9384.1	83.5	155.1#

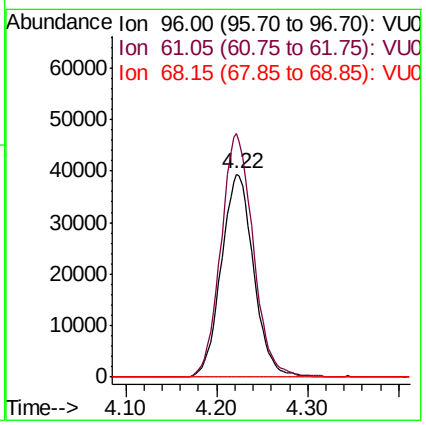


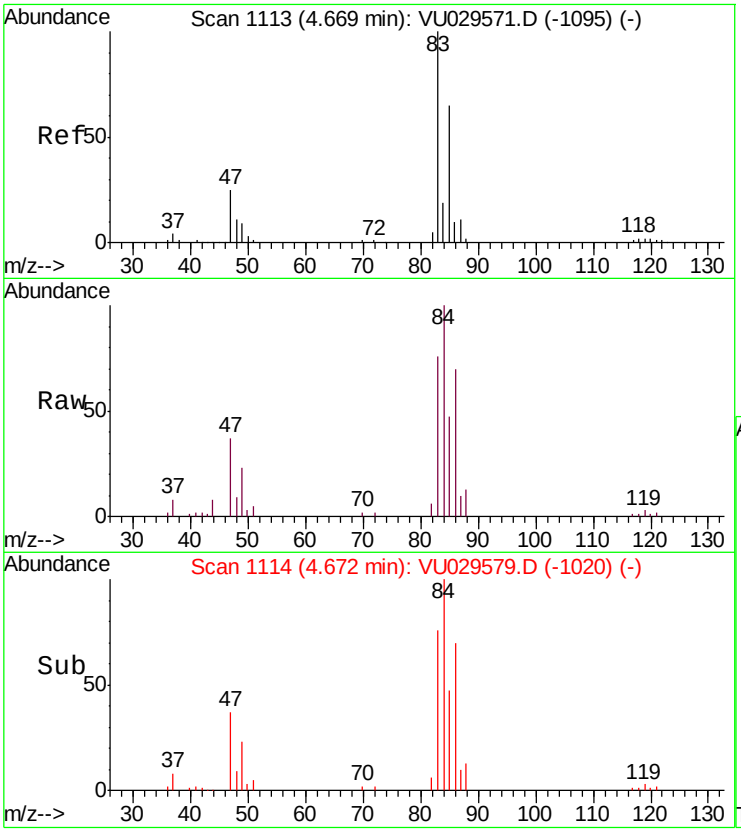


#22
cis-1,2-Dichloroethene
Concen: 5.796 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Tgt Ion: 96 Resp: 97158

Ion	Ratio	Lower	Upper
96	100		
61	120.1	79.9	148.5
68	0.0	0.0	0.0



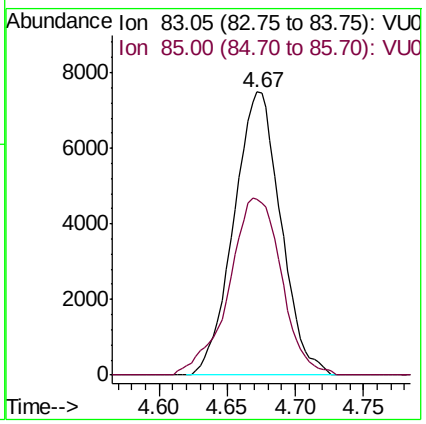


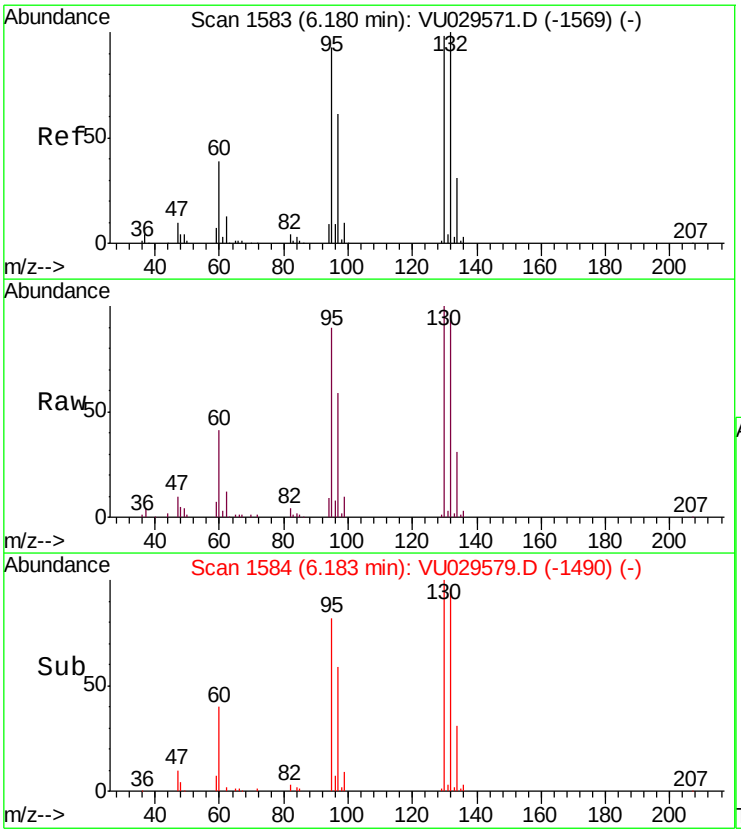
#25
Chloroform
Concen: 0.653 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Instrument : MSVOA_U
ClientSampleId : ESXE9DL

Tgt Ion: 83 Resp: 17924

Ion	Ratio	Lower	Upper
83	100		
85	62.0	47.8	88.8

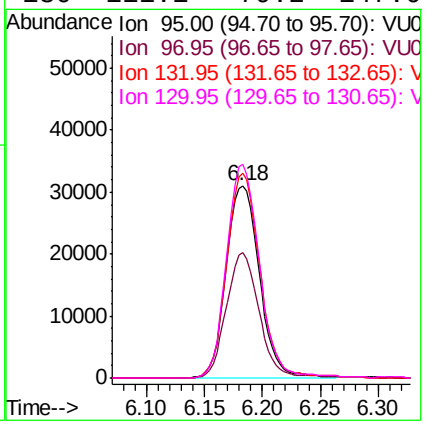


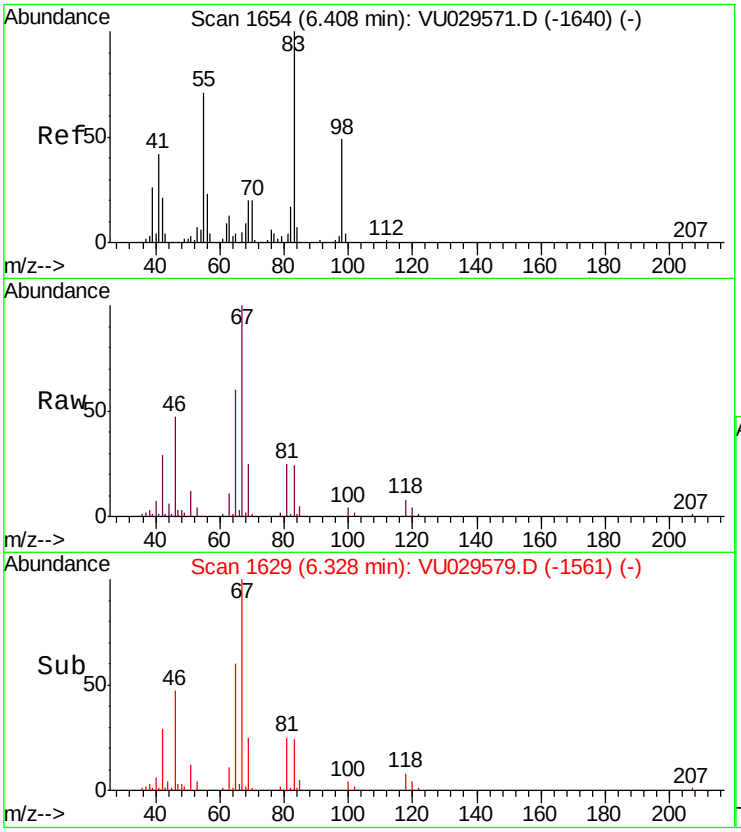


#34
Trichloroethene
Concen: 3.767 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Tgt Ion: 95 Resp: 61670

Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.3	86.1
132	106.8	72.9	135.3
130	111.1	79.2	147.0



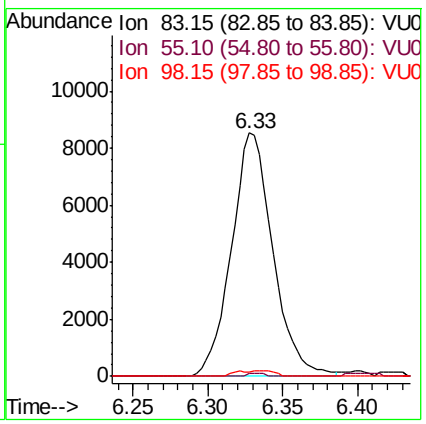


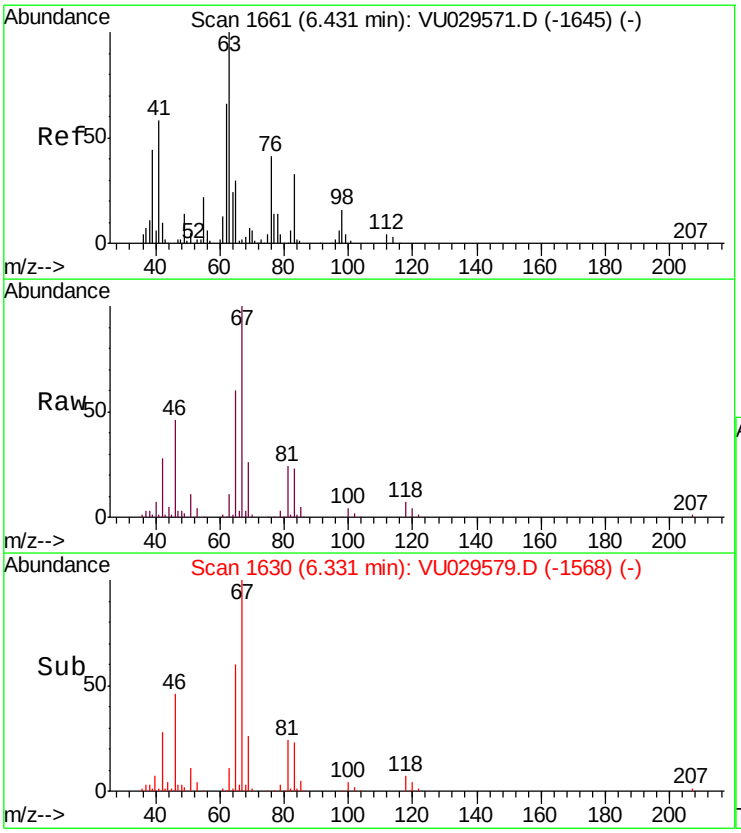
#35
Methylcyclohexane
Concen: 0.598 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Instrument :
MSVOA_U
ClientSampleId :
ESXE9DL

Tgt Ion: 83 Resp: 16469

Ion	Ratio	Lower	Upper
83	100		
55	0.6	55.9	83.9#
98	1.1	38.6	57.8#

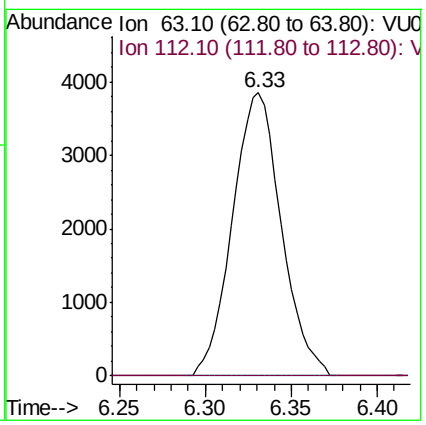


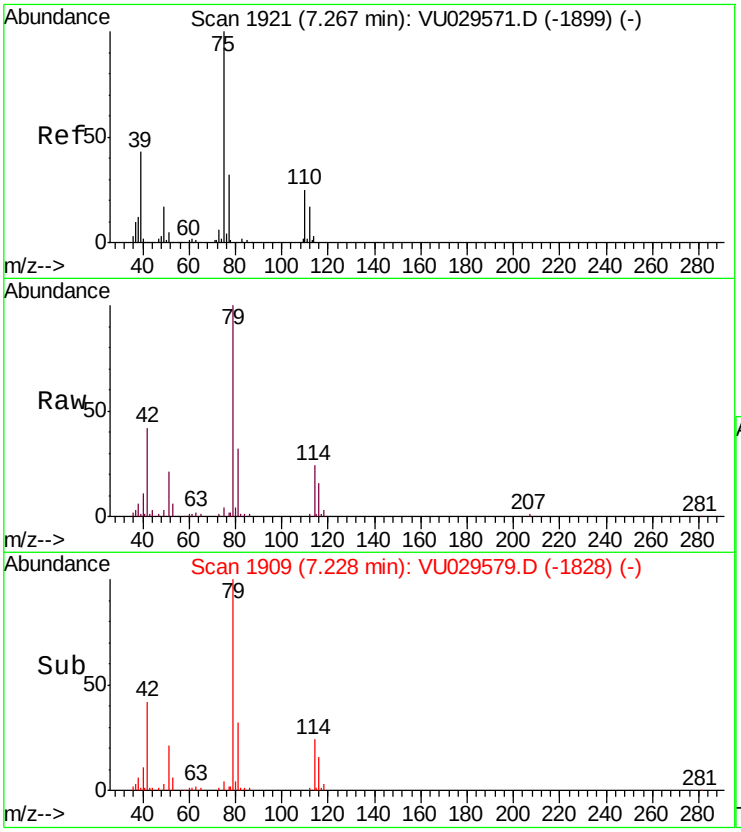


#37
1,2-Dichloropropane
Concen: 0.522 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Tgt Ion: 63 Resp: 7615

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



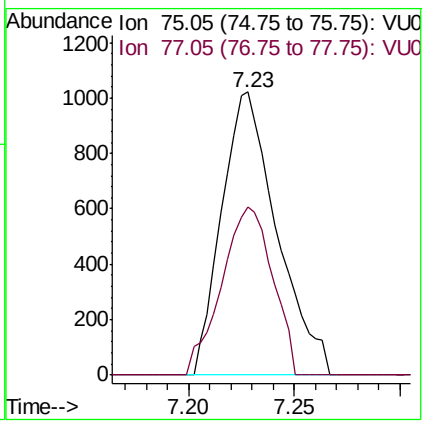


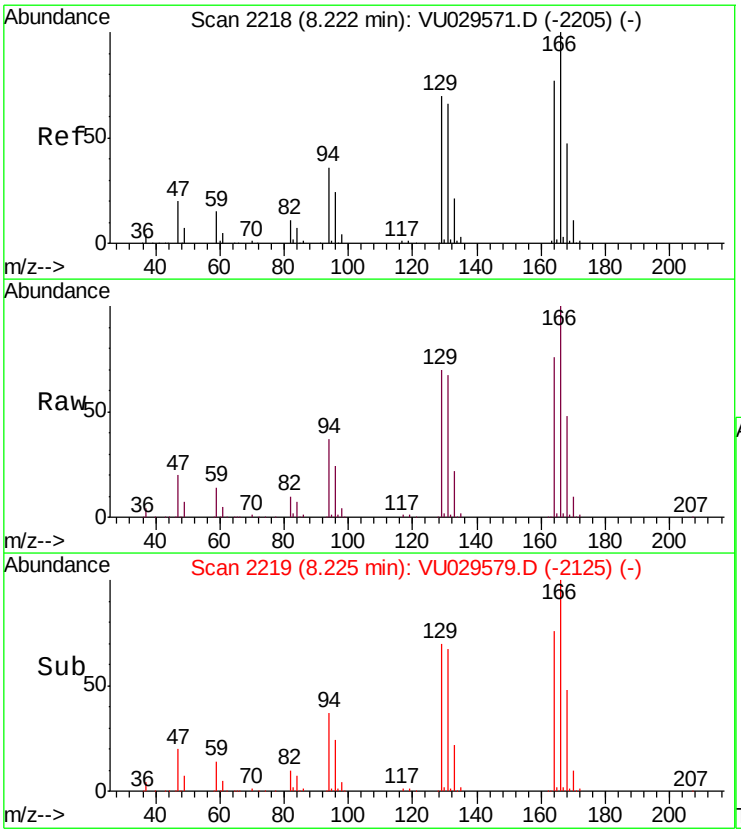
#39
cis-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Instrument : MSVOA_U
ClientSampleId : ESXE9DL

Tgt Ion: 75 Resp: 1855

Ion	Ratio	Lower	Upper
75	100		
77	59.4	22.3	41.3#

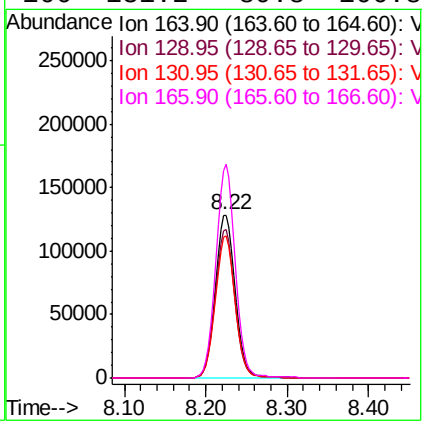


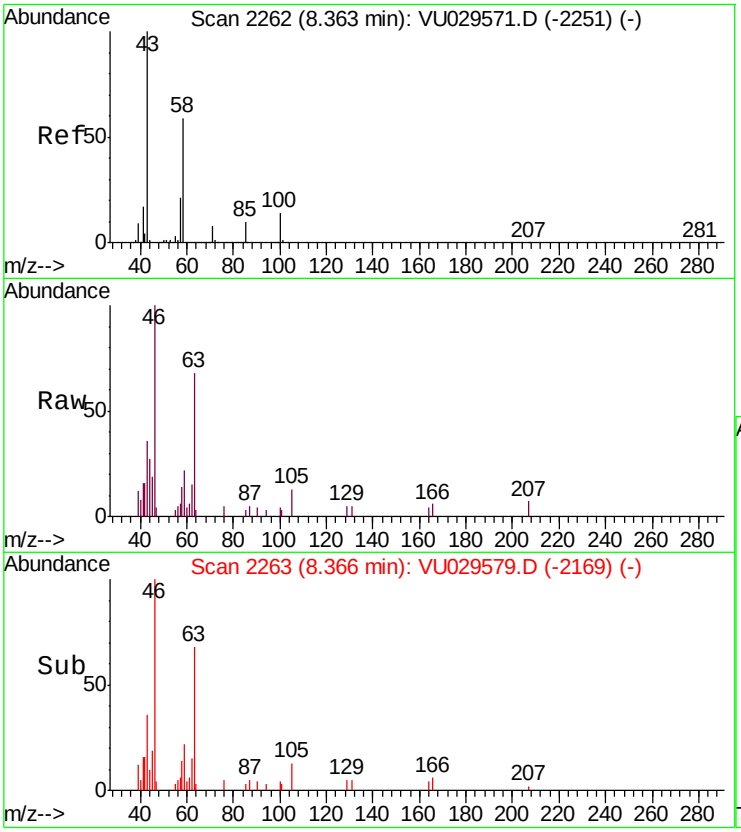


#47
Tetrachloroethene
Concen: 14.920 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Tgt Ion:164 Resp: 223712

Ion	Ratio	Lower	Upper
164	100		
129	91.5	62.9	116.9
131	87.5	62.1	115.3
166	131.2	89.8	166.8



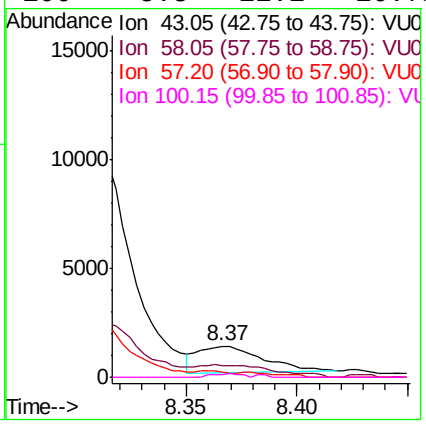


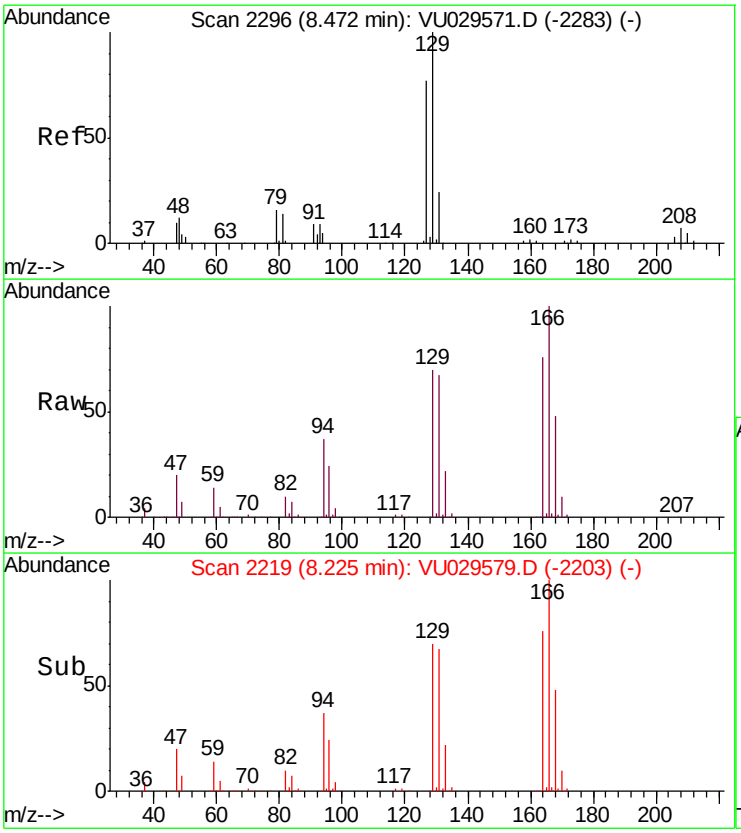
#48
2-Hexanone
Concen: 0.414 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Instrument : MSVOA_U
ClientSampleId : ESXE9DL

Tgt Ion: 43 Resp: 2534

Ion	Ratio	Lower	Upper
43	100		
58	54.5	45.7	68.5
57	0.0	16.4	24.6#
100	5.8	11.1	16.7#

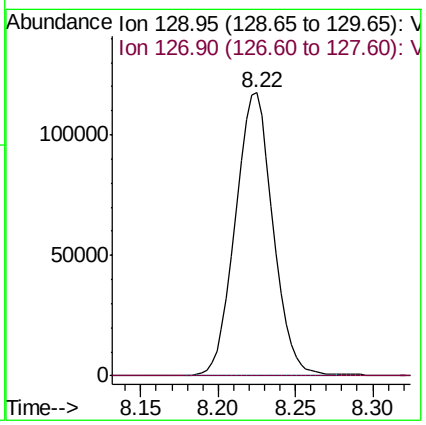


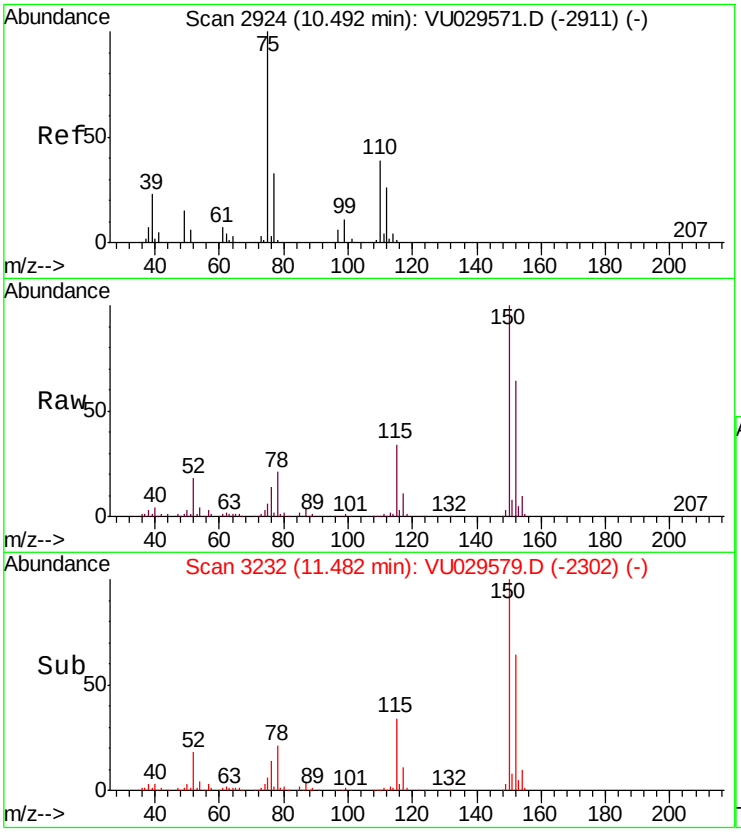


#49
Dibromochloromethane
Concen: 13.221 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Tgt Ion:129 Resp: 199043

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	99.1#



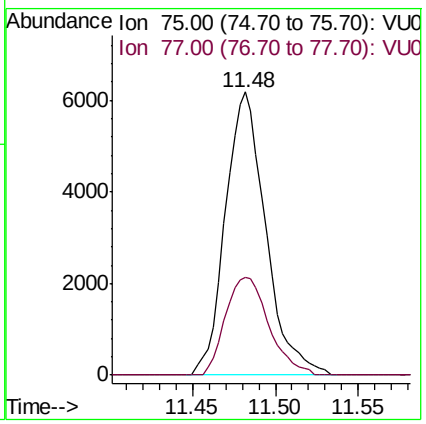


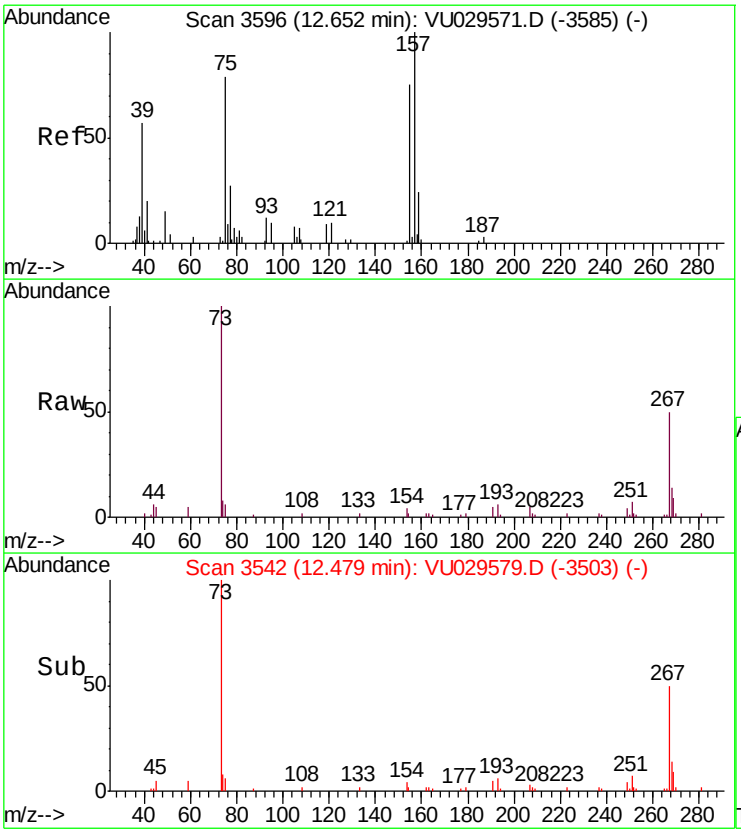
#59
1,2,3-Trichloropropane
Concen: 1.116 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Instrument :
MSVOA_U
ClientSampleId :
ESXE9DL

Tgt Ion: 75 Resp: 10436

Ion	Ratio	Lower	Upper
75	100		
77	37.1	28.2	42.2





#66
1,2-Dibromo-3-chloropropane
Concen: 0.458 ug/L
RT: 12.48 min Scan# 3542
Delta R.T. -0.17 min
Lab File: VU029579.D
Acq: 20 Feb 2019 14:38

Tgt Ion: 75 Resp: 1008

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