Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\

Quantitation Report (Not Reviewed)

Data File : VU029733.D
Acq On : 28 Feb 2019 13:18
Operator : JC/SP
Sample : K1577-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJW4

Quant Time: Mar 01 00:23:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	259670	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	249126	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	126131	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	74969	4.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.40%			
7) Chloroethane-d5	1.68	69	73942	4.63	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%			
11) 1,1-Dichloroethene-d2	2.27	63	118452	3.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.00%			
20) 2-Butanone-d5	4.19	46	215845	56.29	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.58%			
24) Chloroform-d	4.65	84	153127	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
26) 1,2-Dichloroethane-d4	5.31	65	82809	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.34	84	333061	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.33	67	102877	5.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.60%			
41) Toluene-d8	7.56	98	298344	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	7.85	79	38225	5.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%			
46) 2-Hexanone-d5	8.31	63	211814	56.57	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.14%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87171	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	127414	5.14	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.80%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	1132	0.034	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1155	0.057	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1041	0.054	ug/L #	1
13) Acetone	2.32	43	7581	2.752	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	1870	0.097	ug/L	91
25) Chloroform	4.67	83	6916	0.212	ug/L	98
34) Trichloroethene	6.18	95	10367	0.564	ug/L	94
35) Methylcyclohexane	6.33	83	24212	0.812	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	10714	0.646	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2499	0.103	ug/L	88
42) Toluene	7.64	91	43665	0.585	ug/L	98
47) Tetrachloroethene	8.22	164	1919	0.112	ug/L	92
48) 2-Hexanone	8.36	43	3880	0.569	ug/L #	88
49) Dibromochloromethane	8.23	129	1719	0.109	ug/L #	12
53) m,p-xylene	9.38	106	1845	0.055	ug/L	80
59) 1,2,3-Trichloropropane	11.48	75	14006	1.265	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\

Quantitation Report (Not Reviewed)

Data File : VU029733.D
Acq On : 28 Feb 2019 13:18
Operator : JC/SP
Sample : K1577-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJW4

Quant Time: Mar 01 00:23:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 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\VU022819\

Quantitation Report (Not Reviewed)

Data File : VU029733.D
Acq On : 28 Feb 2019 13:18
Operator : JC/SP
Sample : K1577-04
Misc : 25.0mL/MSVOA_U/WATER
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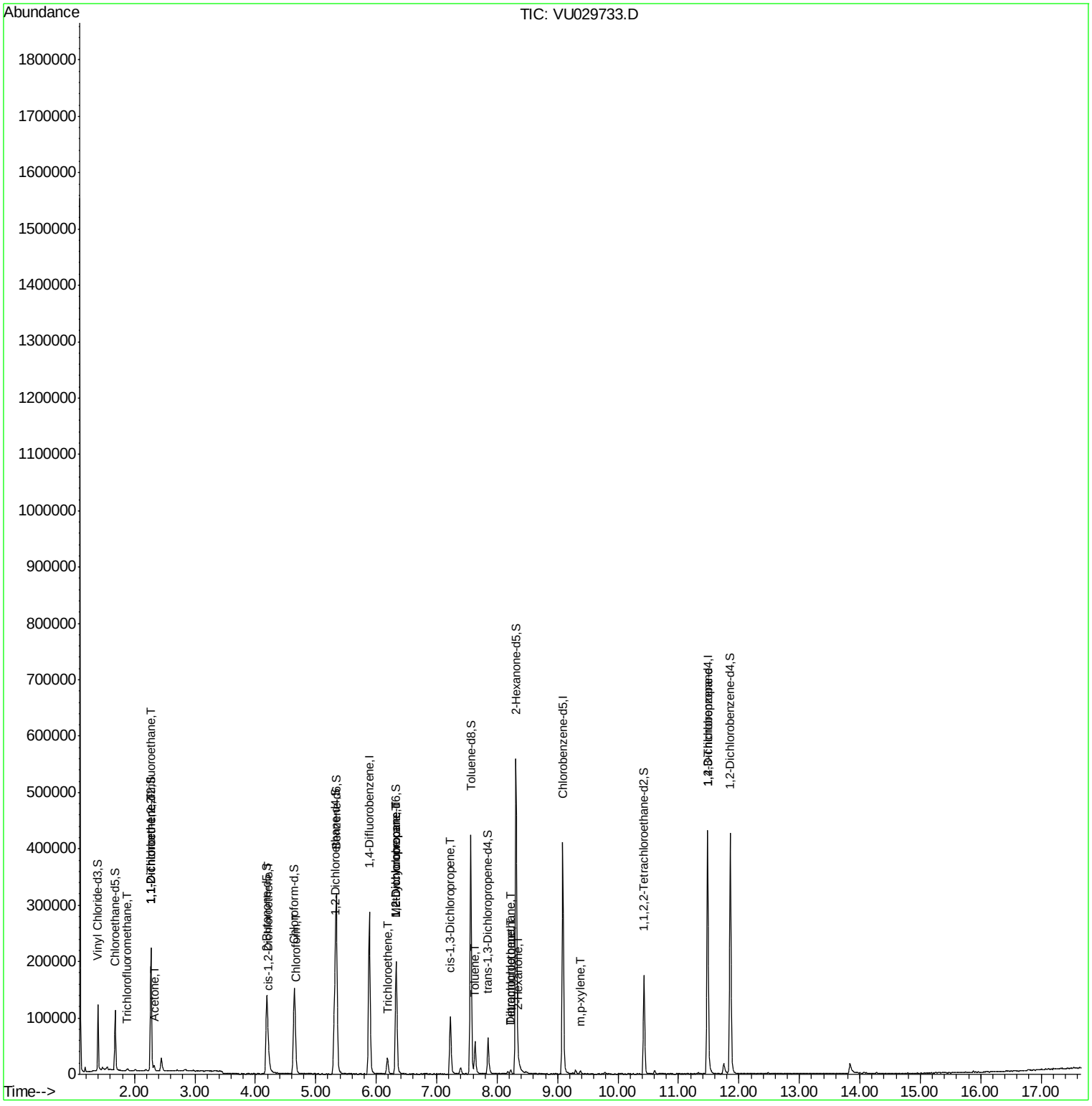
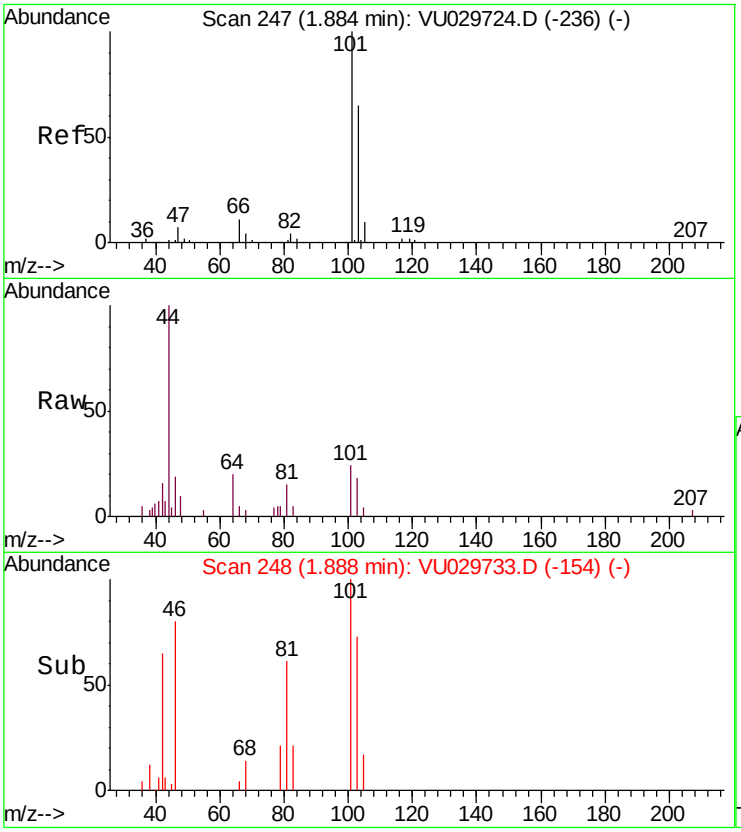
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration



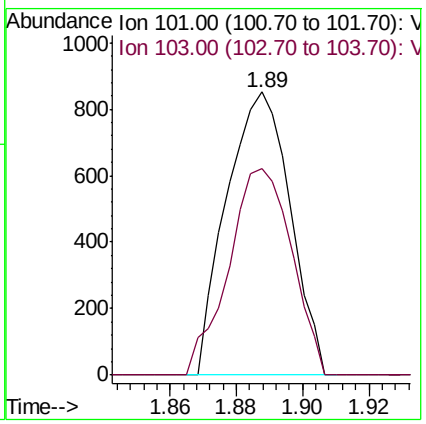


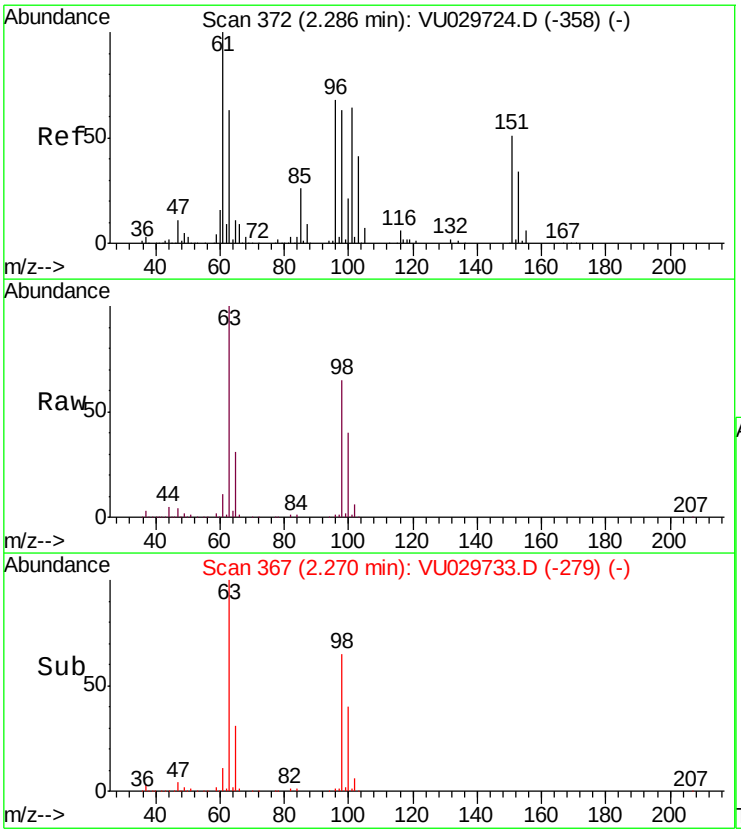
#9
Trichlorofluoromethane
Concen: 0.034 ug/L
RT: 1.89 min Scan# 248
Delta R.T. 0.00 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Instrument : MSVOA_U
ClientSampleId : CWJW4

Tgt Ion:101 Resp: 1132

Ion	Ratio	Lower	Upper
101	100		
103	72.5	52.5	78.7

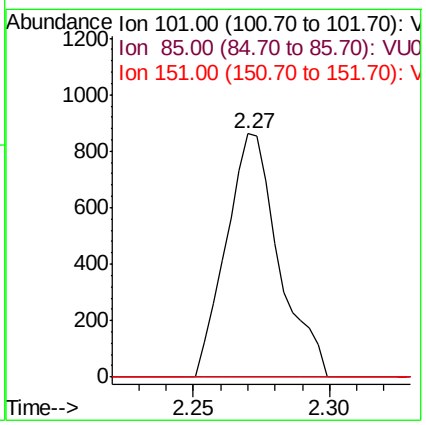


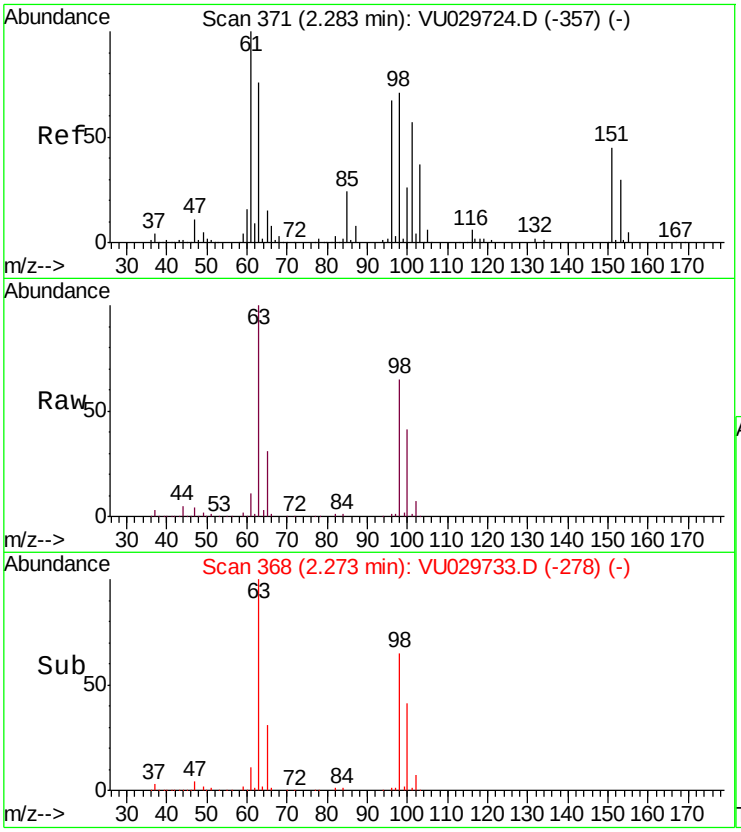


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.057 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Tgt Ion:101 Resp: 1155

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



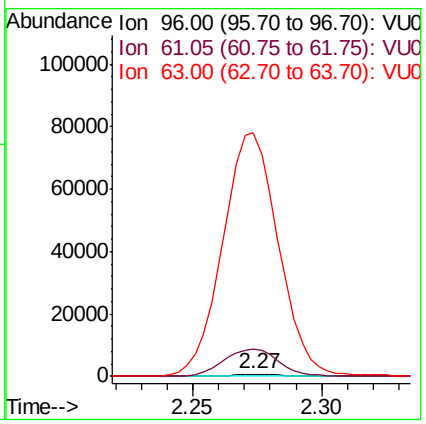


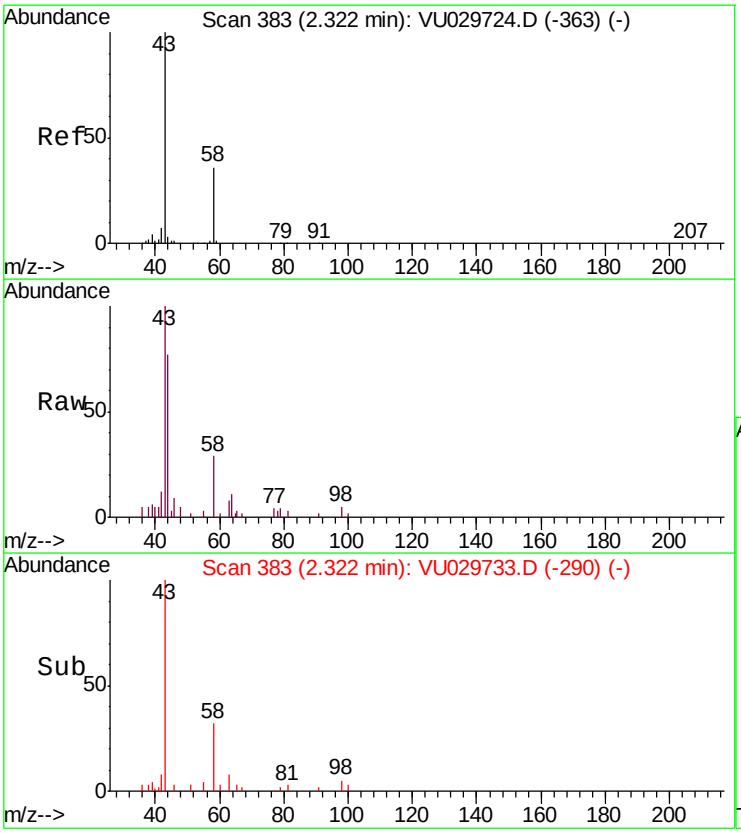
#12
1,1-Dichloroethene
Concen: 0.054 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Instrument : MSVOA_U
ClientSampleId : CWJW4

Tgt Ion: 96 Resp: 1041

Ion	Ratio	Lower	Upper
96	100		
61	1267.2	111.3	206.7#
63	11121.4	88.5	164.3#

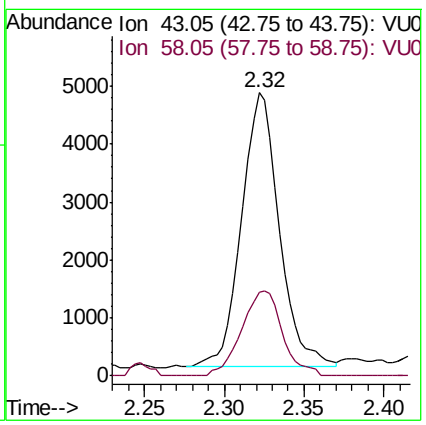


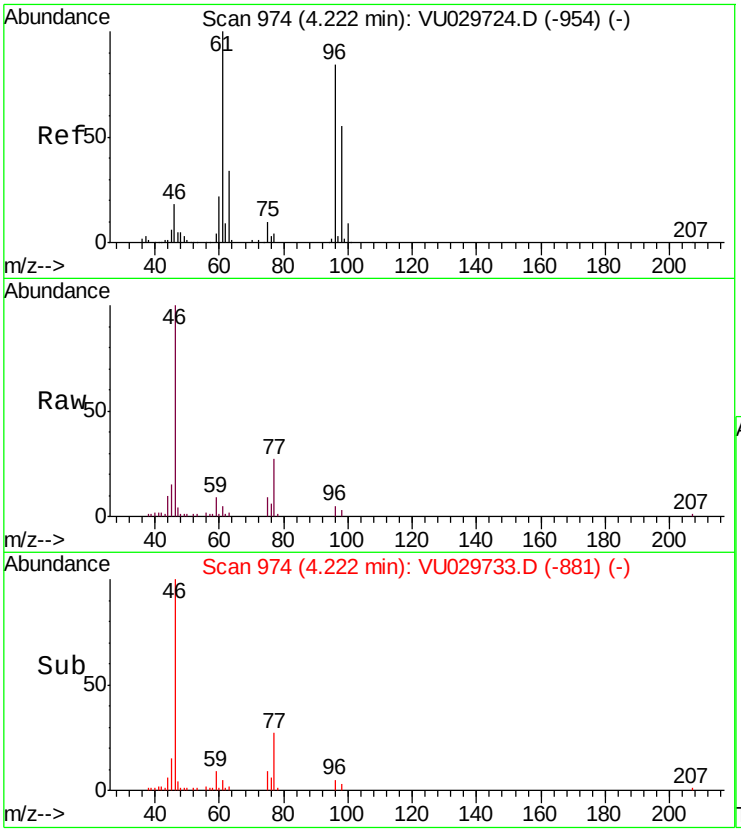


#13
Acetone
Concen: 2.752 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Tgt Ion: 43 Resp: 7581

Ion	Ratio	Lower	Upper
43	100		
58	33.7	0.0	70.2



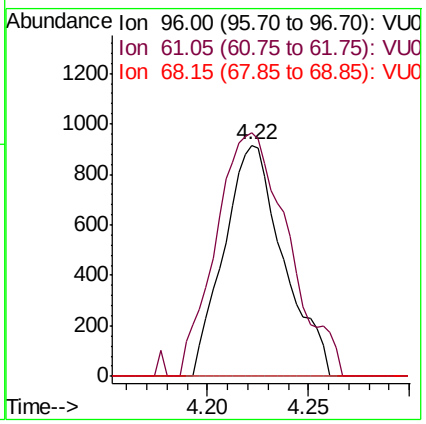


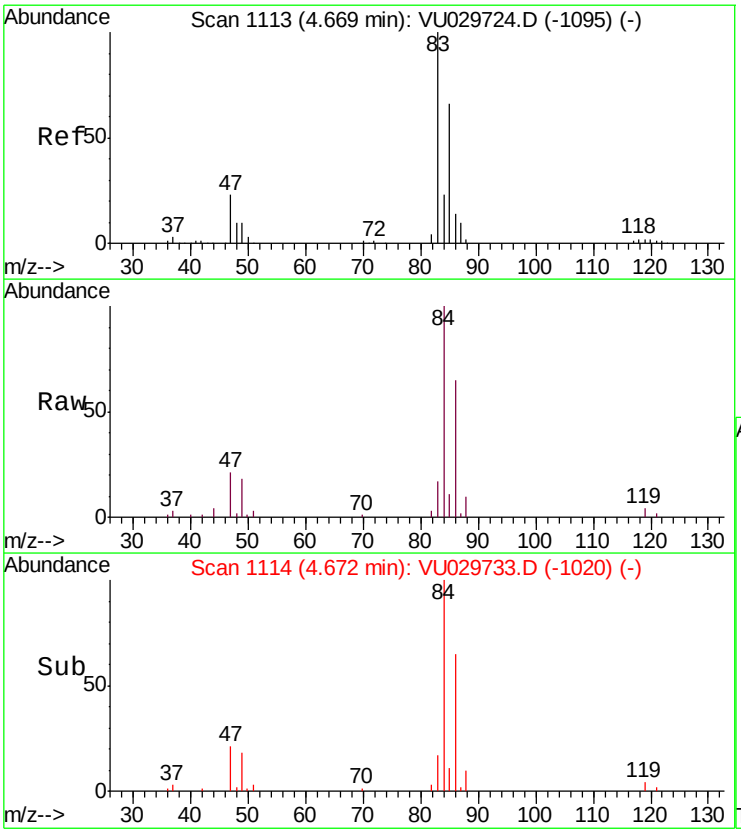
#22
cis-1,2-Dichloroethene
Concen: 0.097 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
CWJW4

Tgt Ion: 96 Resp: 1870

Ion	Ratio	Lower	Upper
96	100		
61	105.2	80.2	149.0
68	0.0	0.0	0.0

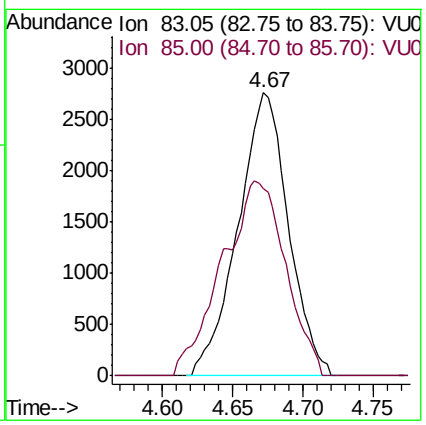


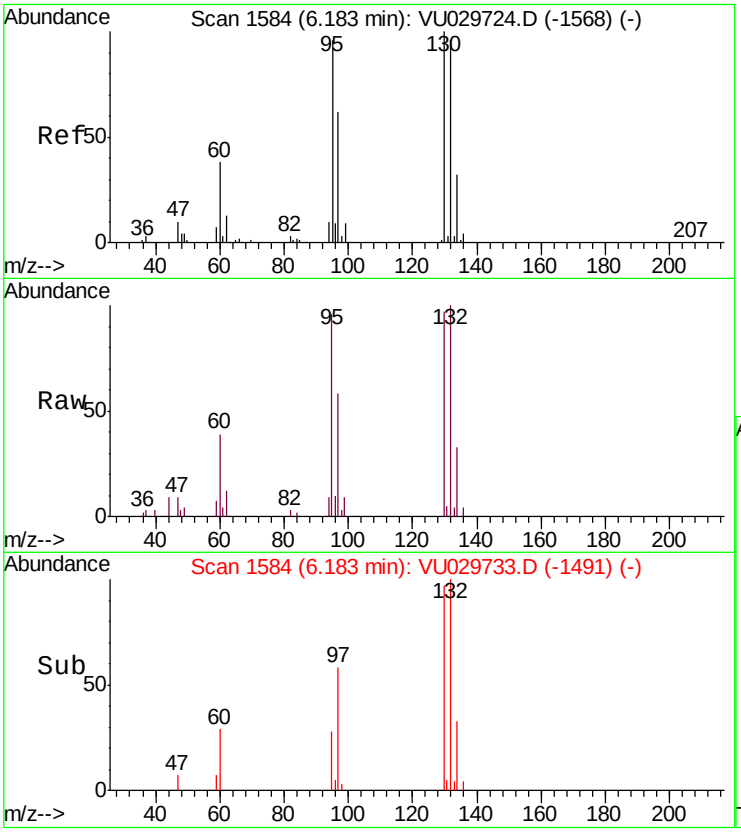


#25
Chloroform
Concen: 0.212 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Tgt Ion: 83 Resp: 6916

Ion	Ratio	Lower	Upper
83	100		
85	66.3	45.6	84.6



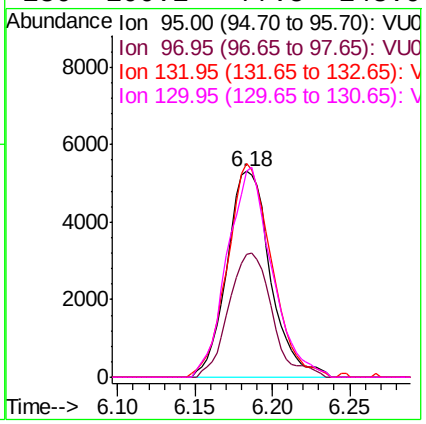


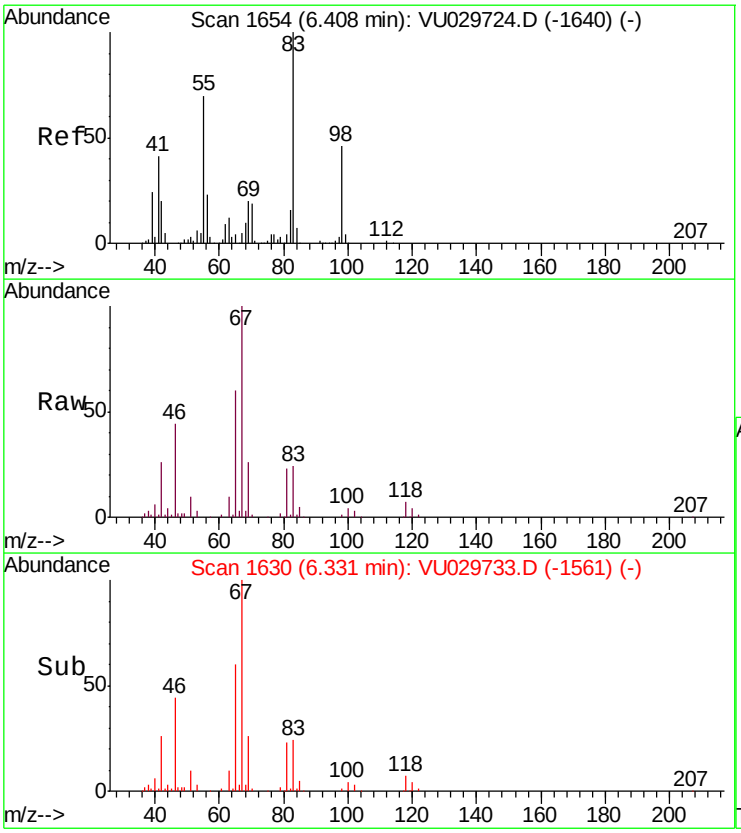
#34
Trichloroethene
Concen: 0.564 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
CWJW4

Tgt Ion: 95 Resp: 10367

Ion	Ratio	Lower	Upper
95	100		
97	59.9	45.6	84.8
132	103.7	72.9	135.3
130	100.1	77.5	143.9

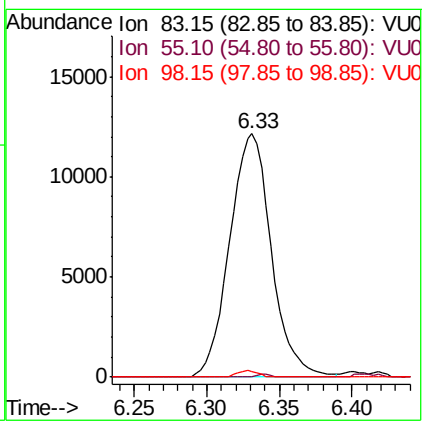


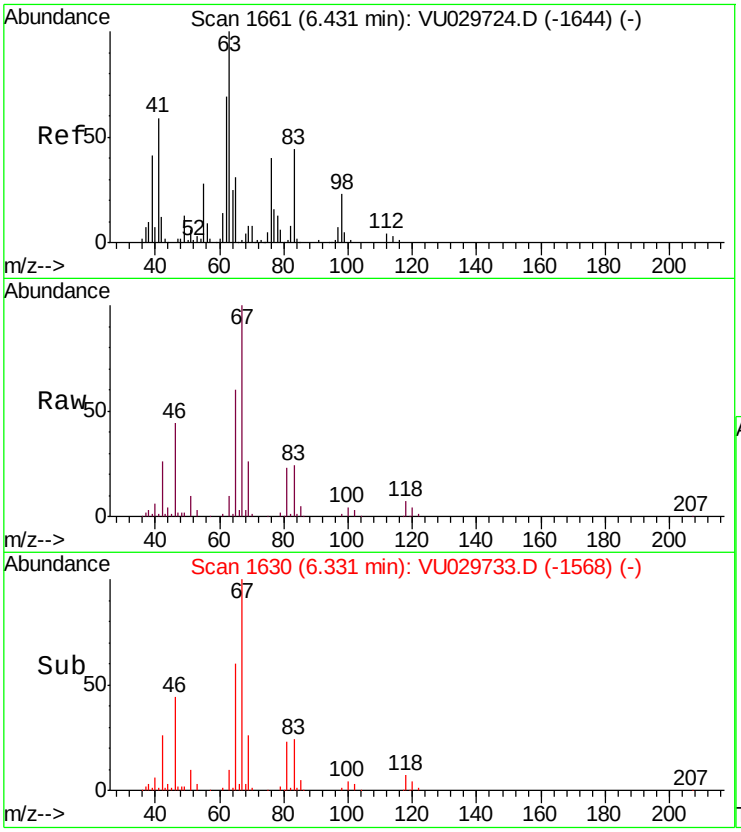


#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Tgt Ion: 83 Resp: 24212

Ion	Ratio	Lower	Upper
83	100		
55	0.4	56.5	84.7#
98	1.2	39.4	59.2#



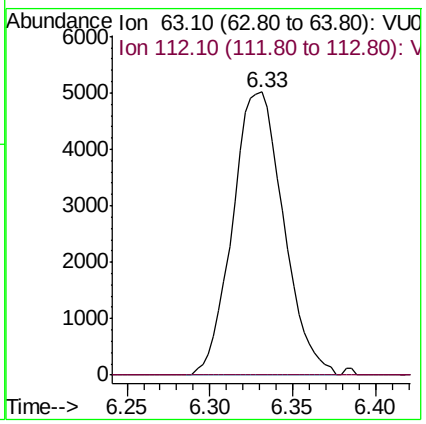


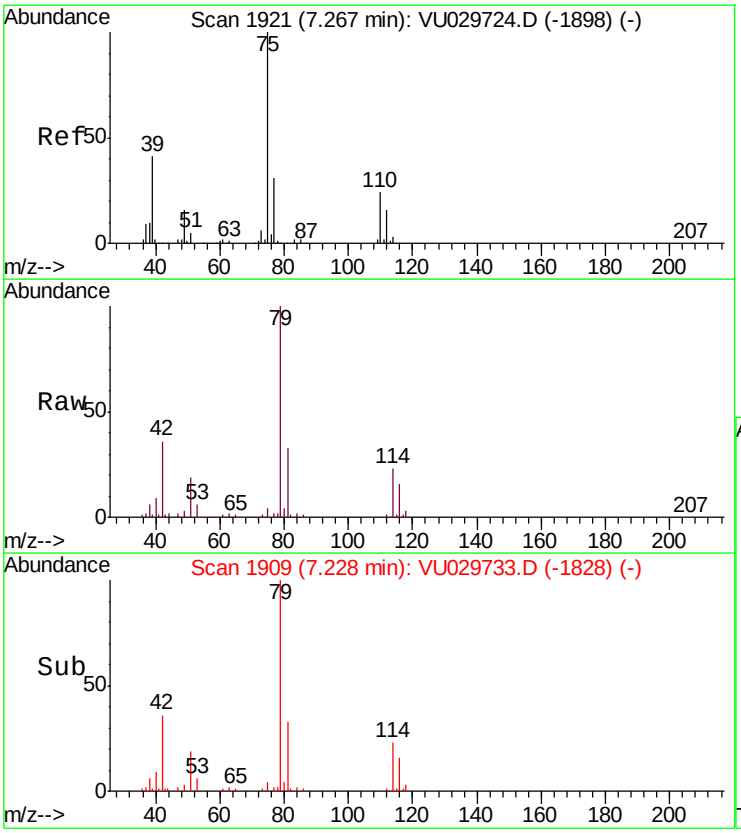
#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Instrument : MSVOA_U
ClientSampleId : CWJW4

Tgt Ion: 63 Resp: 10714

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

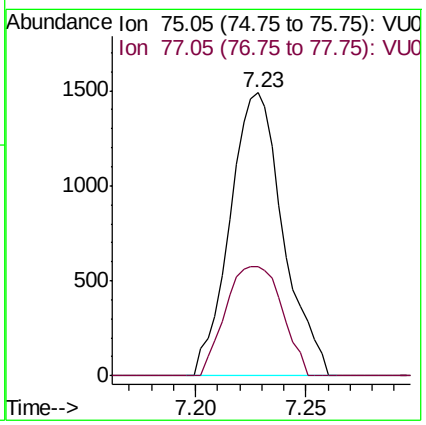


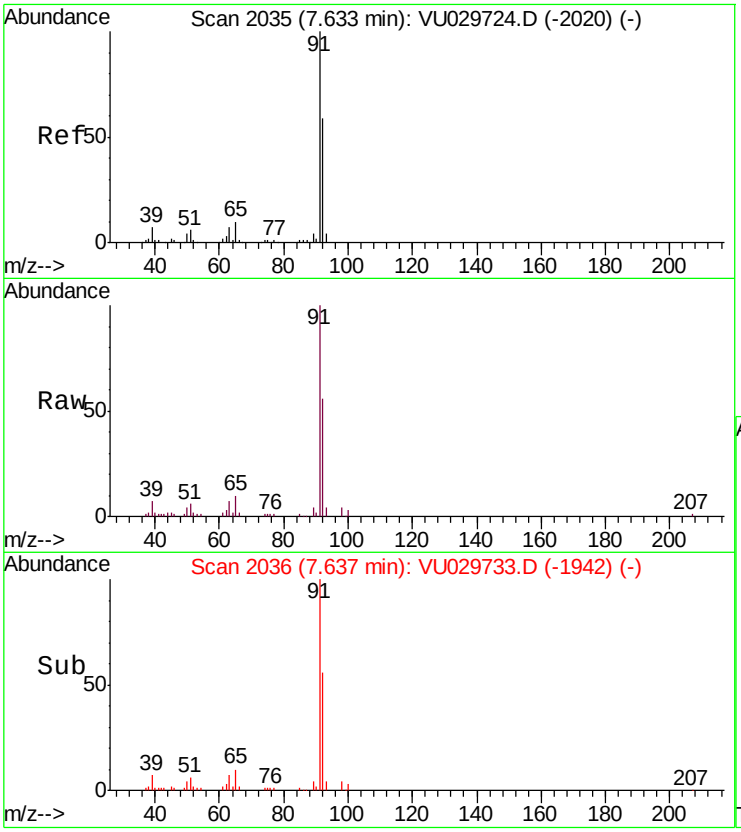


#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Tgt Ion: 75 Resp: 2499

Ion	Ratio	Lower	Upper
75	100		
77	38.5	22.3	41.5



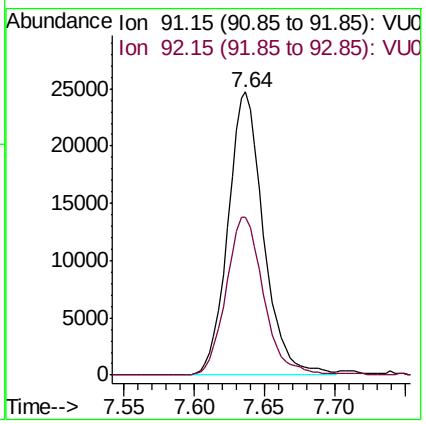


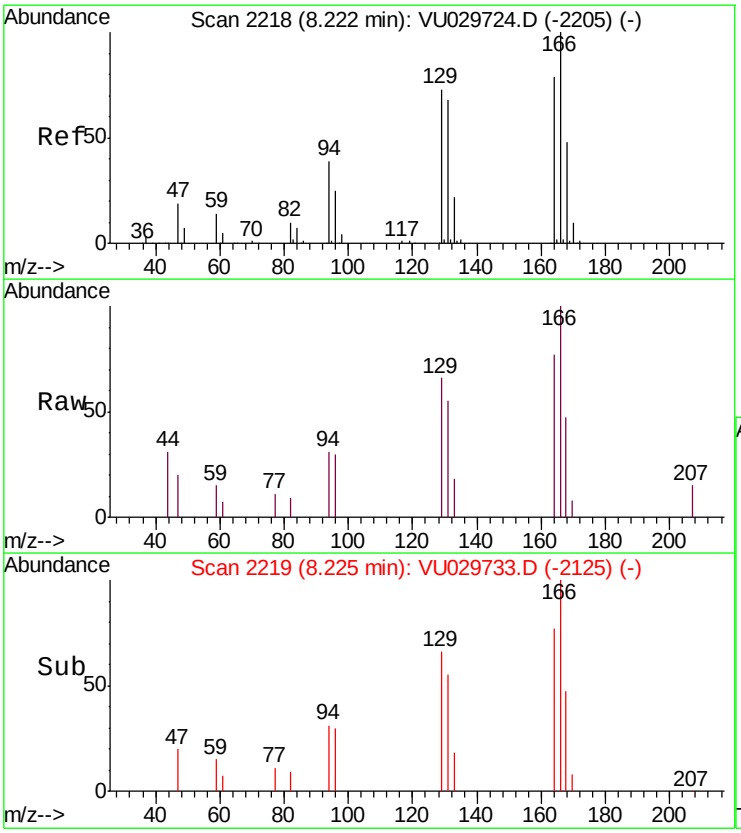
#42
Toluene
Concen: 0.585 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
CWJW4

Tgt Ion: 91 Resp: 43665

Ion	Ratio	Lower	Upper
91	100		
92	55.9	40.1	74.5

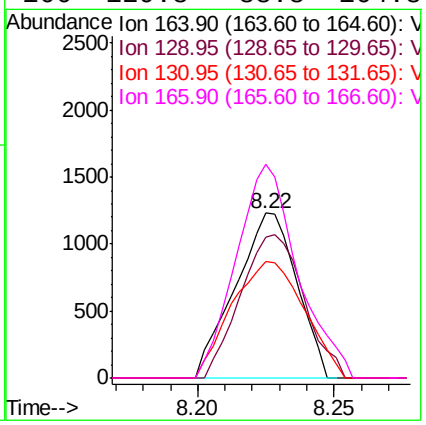


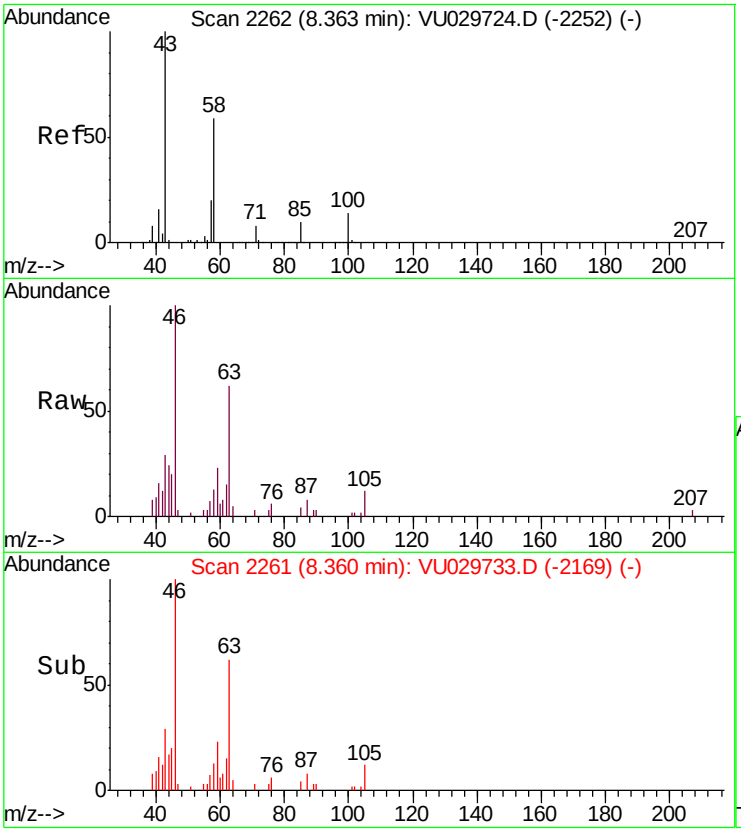


#47
Tetrachloroethene
Concen: 0.112 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Tgt Ion:164 Resp: 1919

Ion	Ratio	Lower	Upper
164	100		
129	85.4	62.9	116.7
131	70.8	61.8	114.8
166	129.8	88.8	164.8



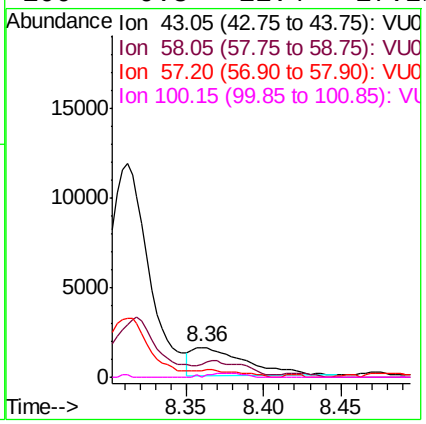


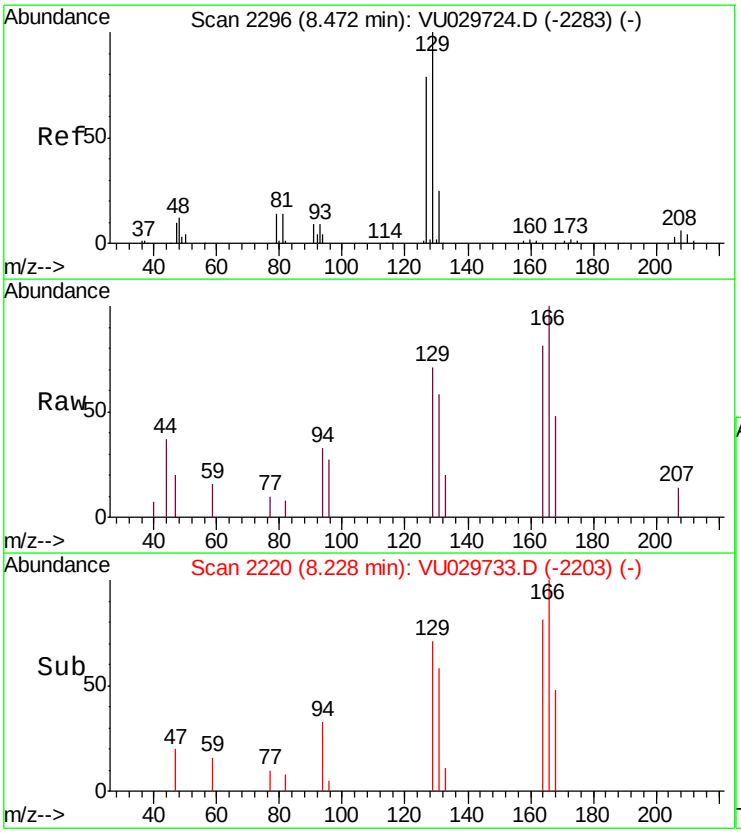
#48
2-Hexanone
Concen: 0.569 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Instrument : MSVOA_U
ClientSampleId : CWJW4

Tgt Ion: 43 Resp: 3880

Ion	Ratio	Lower	Upper
43	100		
58	46.4	46.6	69.8#
57	20.7	15.9	23.9
100	9.3	11.4	17.2#

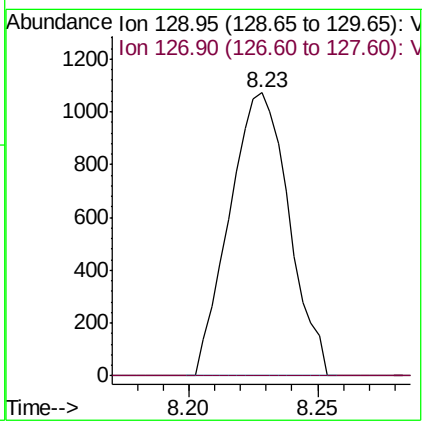


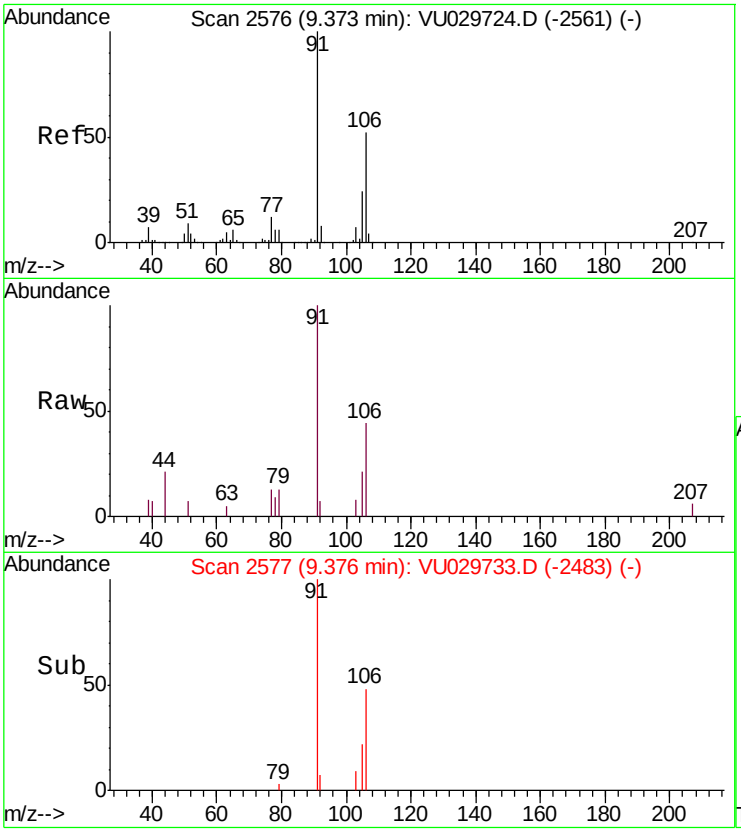


#49
Dibromochloromethane
Concen: 0.109 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. -0.24 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Tgt Ion:129 Resp: 1719

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.5	97.5#



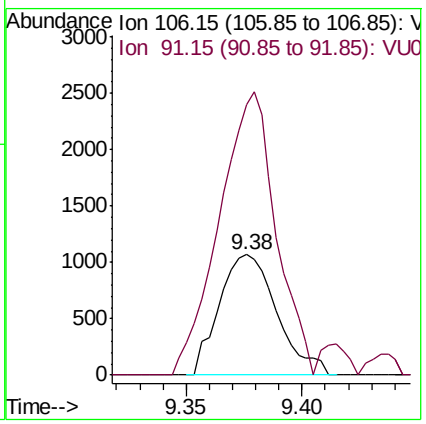


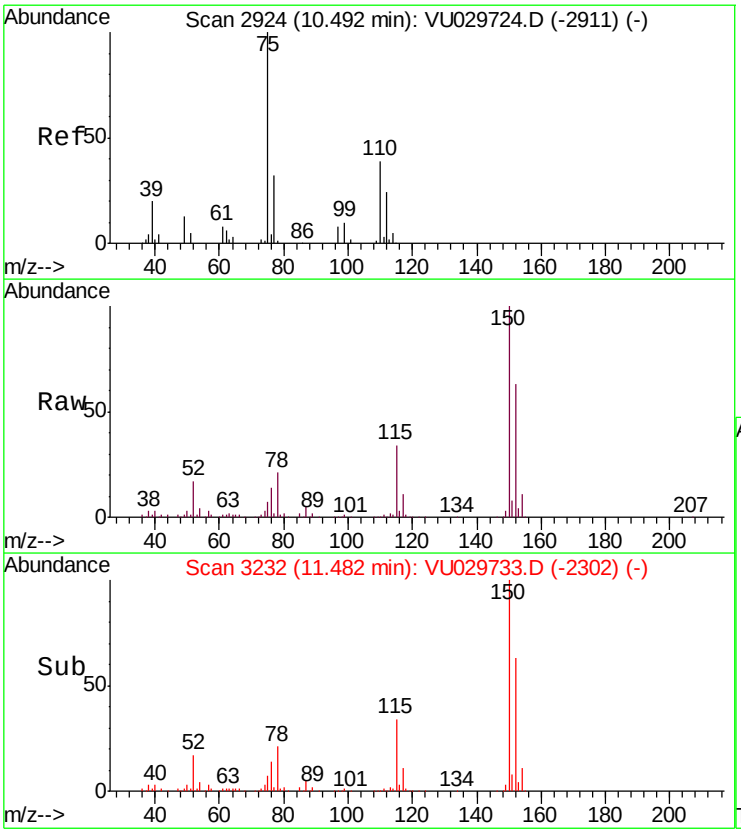
#53
m,p-xylene
Concen: 0.055 ug/L
RT: 9.38 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Instrument :
MSVOA_U
ClientSampleId :
CWJW4

Tgt Ion:106 Resp: 1845

Ion	Ratio	Lower	Upper
106	100		
91	224.7	136.0	252.6





#59
1,2,3-Trichloropropane
Concen: 1.265 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029733.D
Acq: 28 Feb 2019 13:18

Tgt Ion: 75 Resp: 14006

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.6	38.4