Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030932.D
Acq On : 09 Apr 2019 02:14
Operator : JC/SP
Sample : K2248-19MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YD3MS

Quant Time: Apr 09 03:39:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 09 03:34:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	226105	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	220696	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85329	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	91539	5.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.00%			
7) Chloroethane-d5	1.68	69	79526	5.71	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.20%			
11) 1,1-Dichloroethene-d2	2.27	63	189007	5.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 106.80%			
20) 2-Butanone-d5	4.19	46	318399	71.51	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 143.02%#			
24) Chloroform-d	4.64	84	155963	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
26) 1,2-Dichloroethane-d4	5.31	65	100084	6.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 128.80%			
32) Benzene-d6	5.33	84	311491	5.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.20%			
36) 1,2-Dichloropropane-d6	6.33	67	110155	5.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.00%			
41) Toluene-d8	7.56	98	239530	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%			
43) trans-1,3-Dichloropropene-	7.85	79	37371	5.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.20%			
46) 2-Hexanone-d5	8.31	63	195593	62.14	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 124.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93237	6.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 133.60%#			
64) 1,2-Dichlorobenzene-d4	11.86	152	84153	5.90	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	2519	0.093	ug/L #	1
12) 1,1-Dichloroethene	2.28	96	92054	5.580	ug/L	94
13) Acetone	2.32	43	24181	7.025	ug/L	95
18) trans-1,2-Dichloroethene	2.97	96	990	0.057	ug/L	88
19) 1,1-Dichloroethane	3.44	63	10077	0.274	ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	12023	0.647	ug/L	91
25) Chloroform	4.67	83	14837	0.442	ug/L	96
27) 1,2-Dichloroethane	5.38	62	3743	0.172	ug/L #	74
29) 1,1,1-Trichloroethane	4.91	97	69240	2.463	ug/L	97
31) Carbon tetrachloride	4.90	117	9469	0.401	ug/L	99
33) Benzene	5.38	78	362144	4.851	ug/L	100
34) Trichloroethene	6.18	95	87265	4.669	ug/L	97
35) Methylcyclohexane	6.33	83	24715	0.829	ug/L #	14
37) 1,2-Dichloropropane	6.32	63	11648	0.567	ug/L #	90
42) Toluene	7.63	91	330752	4.418	ug/L	99
47) Tetrachloroethene	8.23	164	5274	0.402	ug/L	90
48) 2-Hexanone	8.37	43	18428	2.075	ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030932.D
Acq On : 09 Apr 2019 02:14
Operator : JC/SP
Sample : K2248-19MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YD3MS

Quant Time: Apr 09 03:39:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 09 03:34:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dibromochloromethane	8.23	129	4879	0.333	ug/L #	13
51) Chlorobenzene	9.12	112	214697	4.650	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	11229	0.978	ug/L #	79

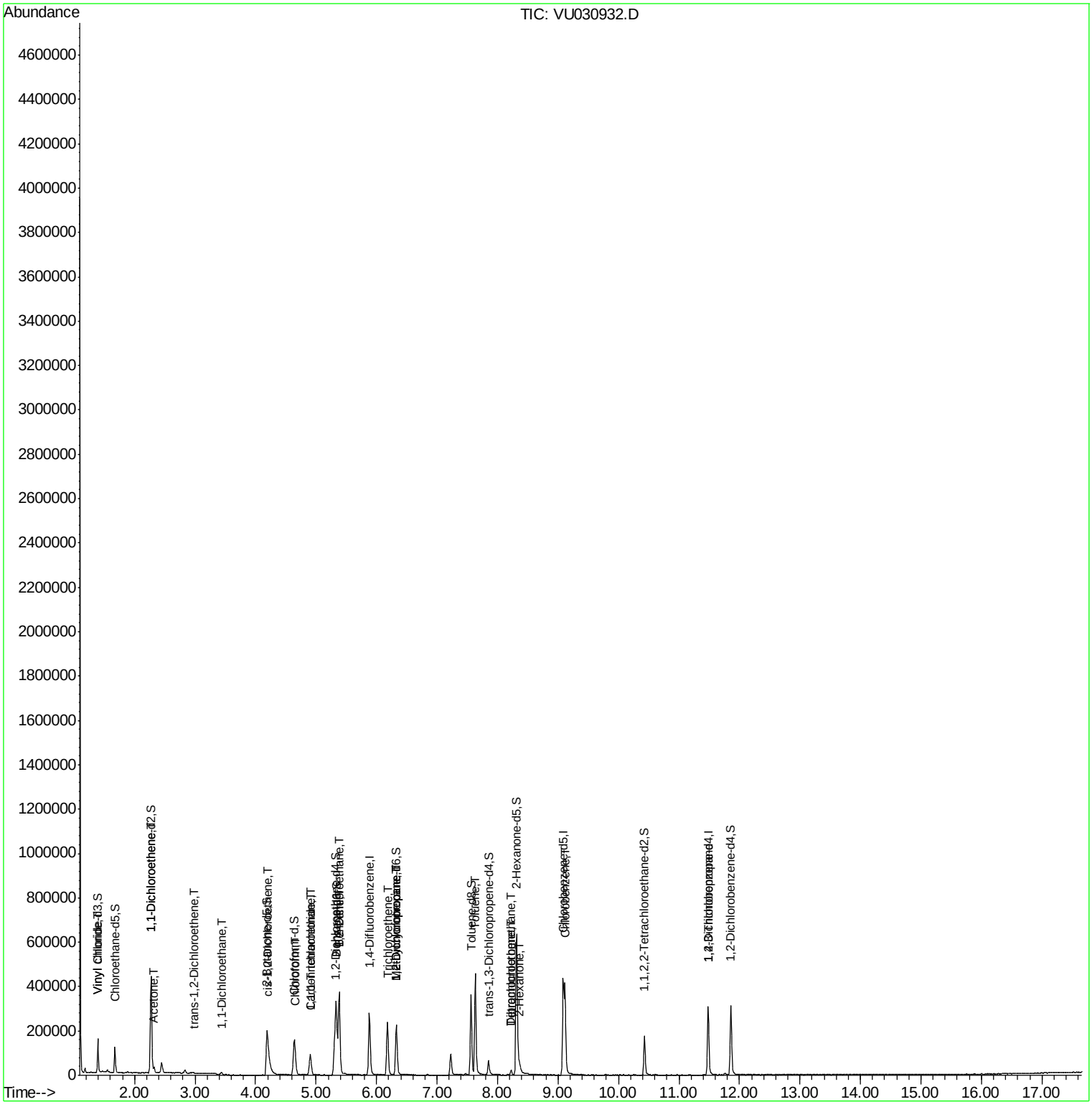
(#) = qualifier out of range (m) = manual integration (+) = signals summed

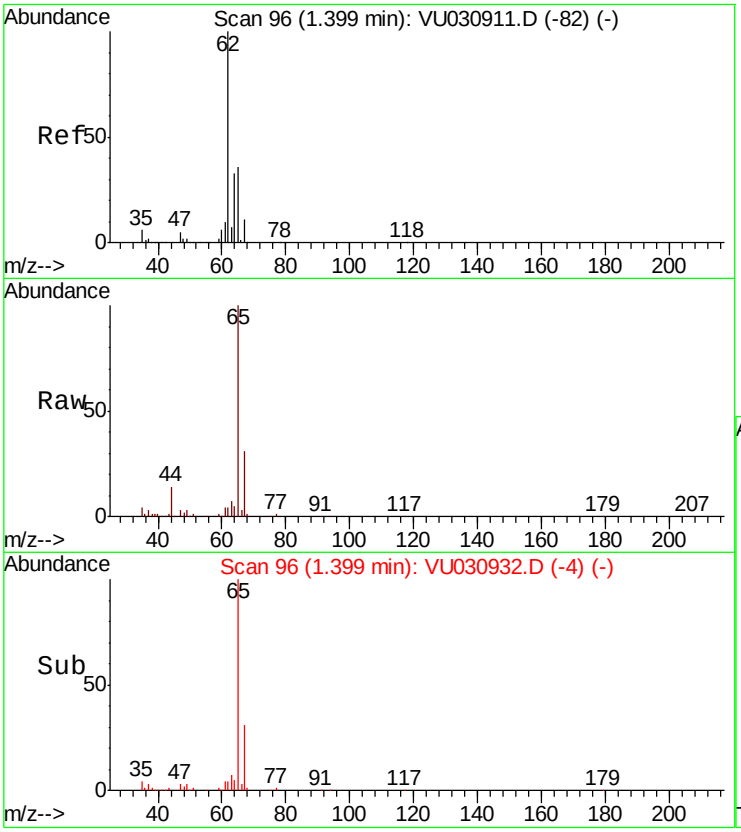
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041019\
Data File : VU030932.D
Acq On : 09 Apr 2019 02:14
Operator : JC/SP
Sample : K2248-19MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YD3MS

Quant Time: Apr 09 03:39:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 09 03:34:38 2019
Response via : Initial Calibration



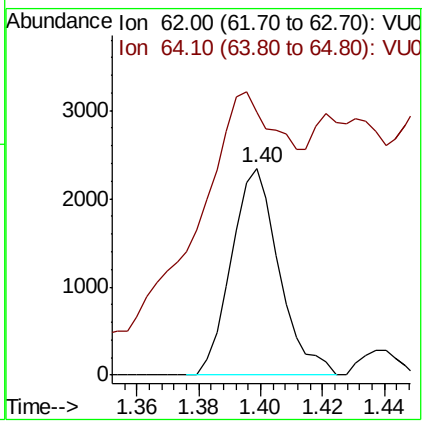


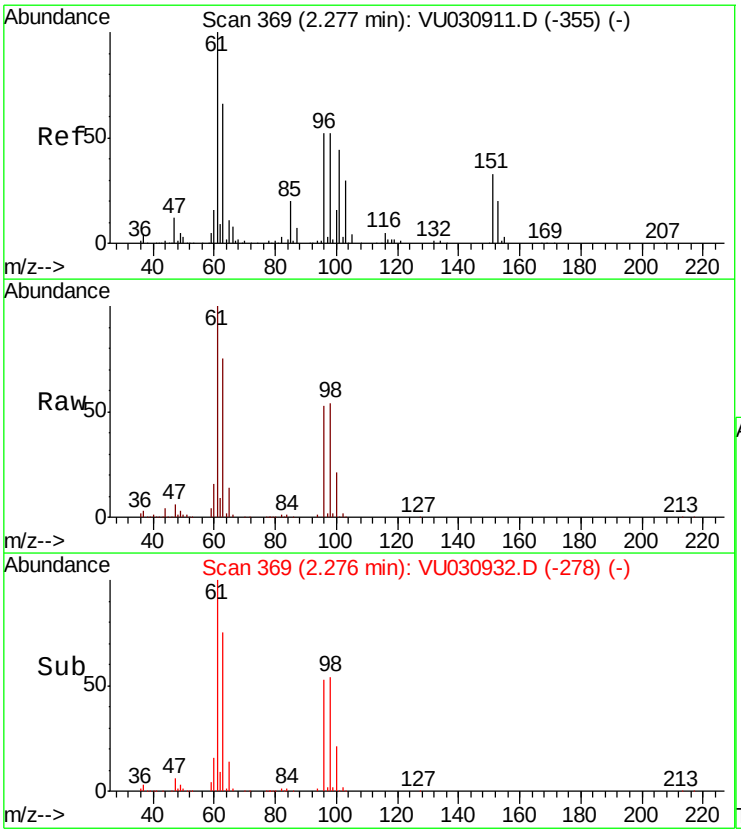
#5
Vinyl chloride
Concen: 0.093 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Instrument : MSVOA_U
ClientSampleId : E3YD3MS

Tgt Ion: 62 Resp: 2519

Ion	Ratio	Lower	Upper
62	100		
64	127.1	22.5	41.9#

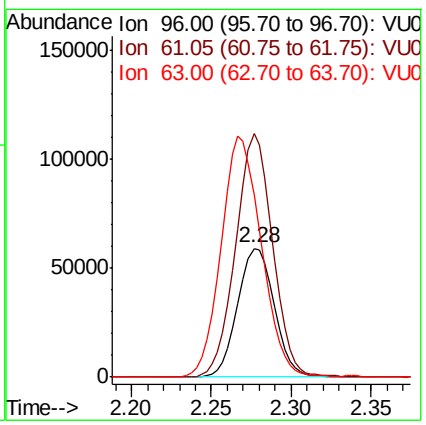


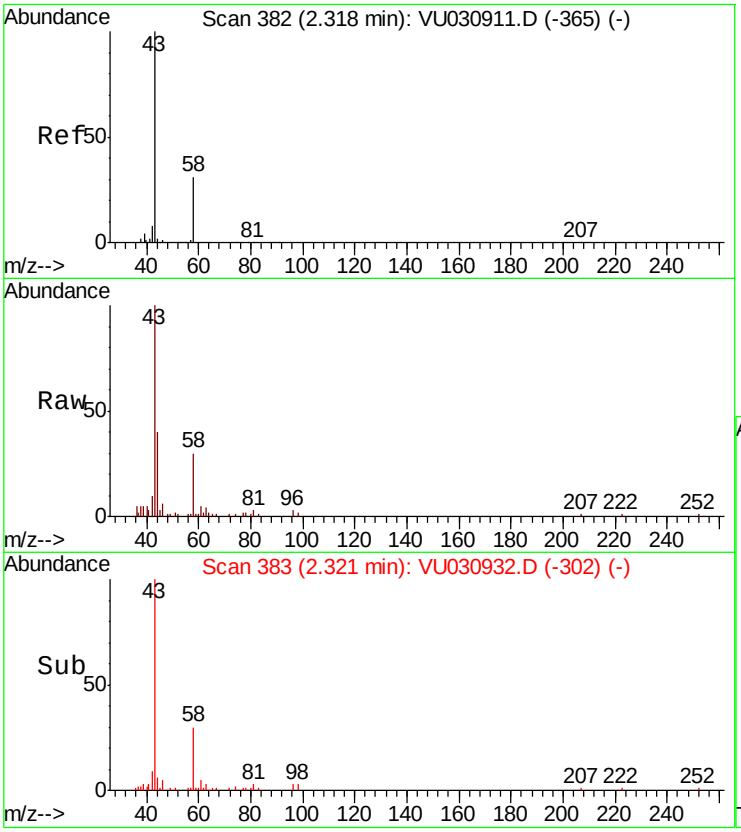


#12
1,1-Dichloroethene
Concen: 5.580 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Tgt Ion: 96 Resp: 92054

Ion	Ratio	Lower	Upper
96	100		
61	189.6	136.9	254.3
63	141.7	107.7	200.1



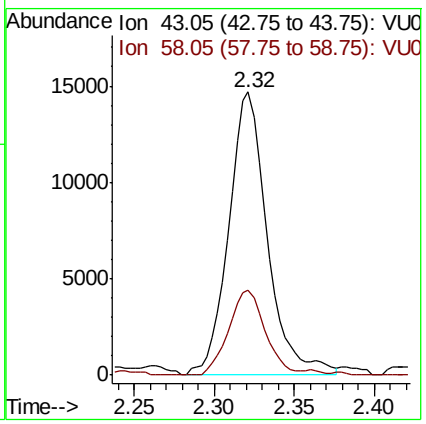


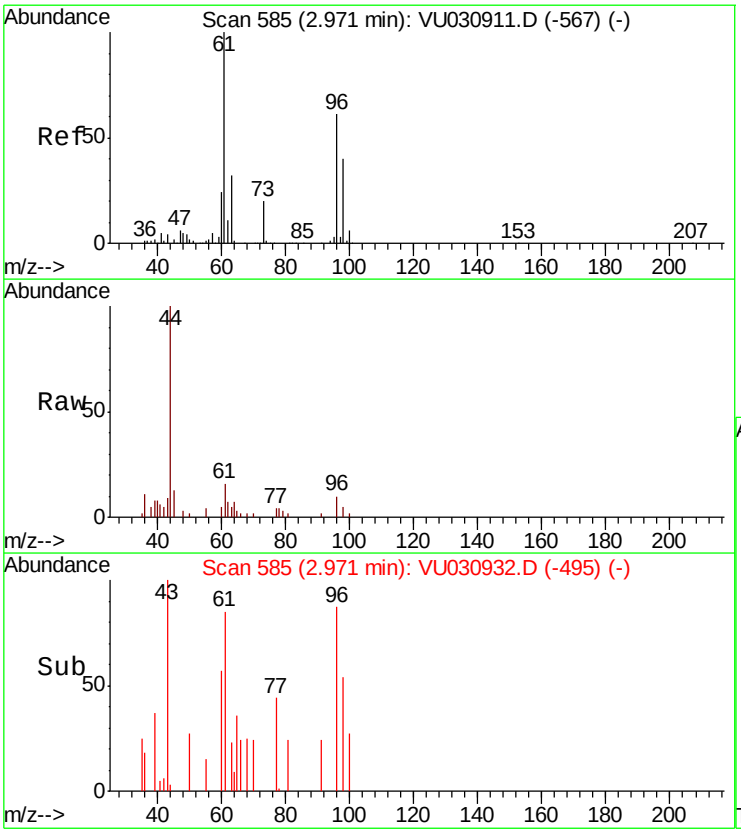
#13
Acetone
Concen: 7.025 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.04 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Instrument : MSVOA_U
ClientSampleId : E3YD3MS

Tgt Ion: 43 Resp: 24181

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	62.8

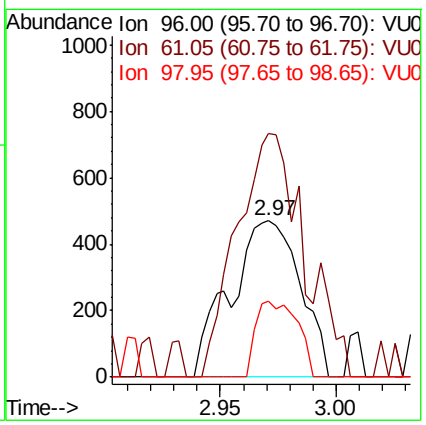


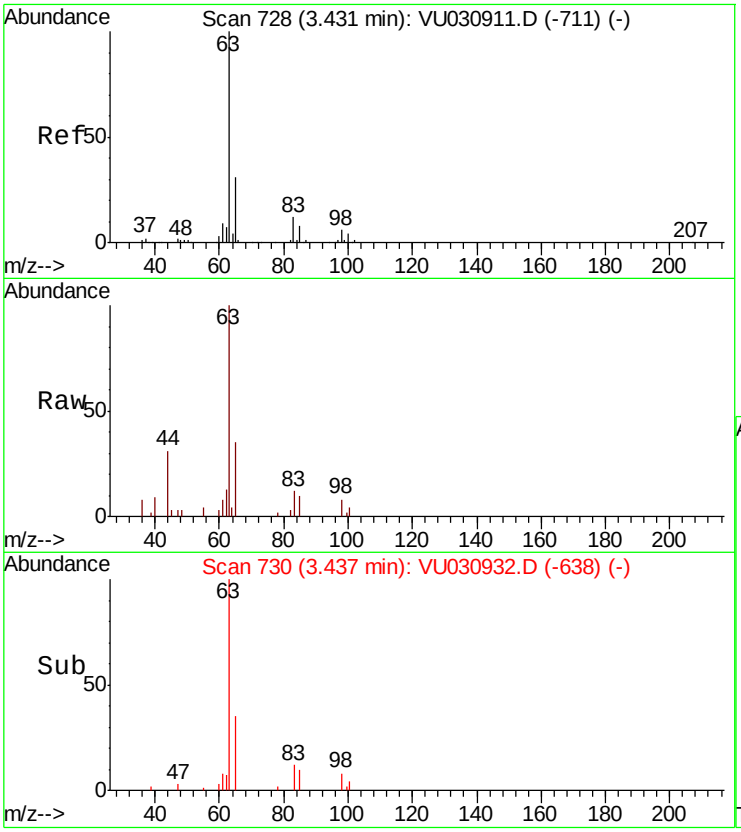


#18
trans-1,2-Dichloroethene
Concen: 0.057 ug/L
RT: 2.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Tgt Ion: 96 Resp: 990

Ion	Ratio	Lower	Upper
96	100		
61	156.0	116.8	216.8
98	48.7	46.8	87.0



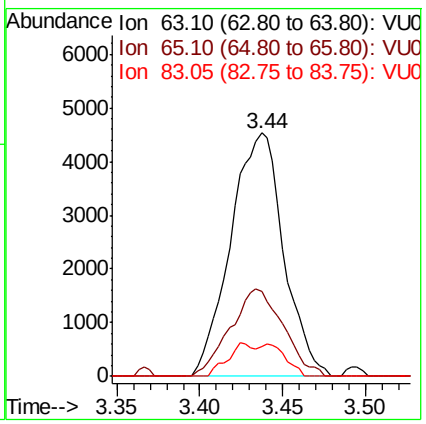


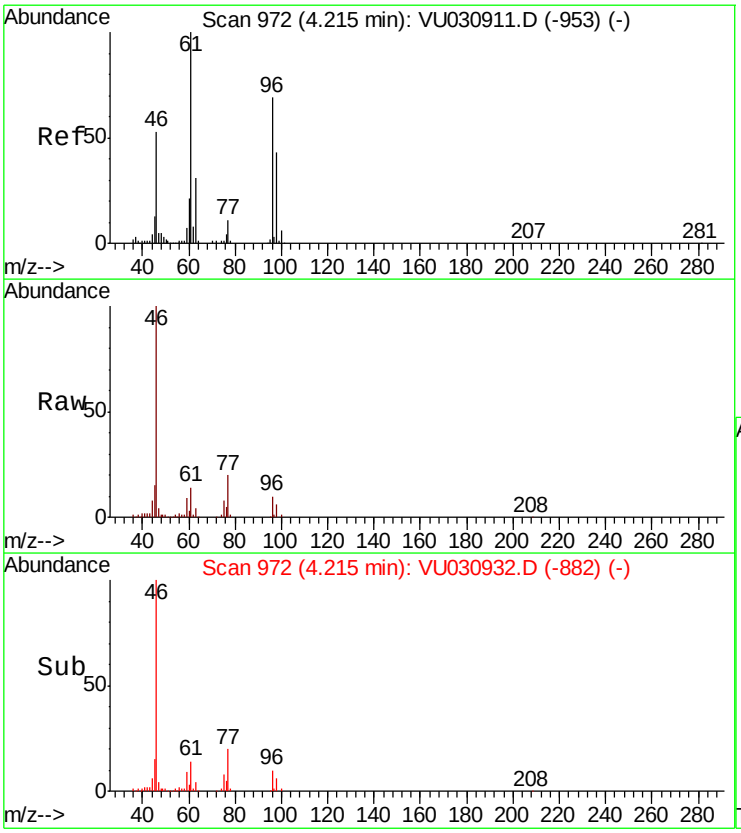
#19
1,1-Dichloroethane
Concen: 0.274 ug/L
RT: 3.44 min Scan# 730
Delta R.T. -0.00 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Instrument :
MSVOA_U
ClientSampleId :
E3YD3MS

Tgt Ion: 63 Resp: 10077

Ion	Ratio	Lower	Upper
63	100		
65	34.7	21.6	40.0
83	12.4	9.1	16.9

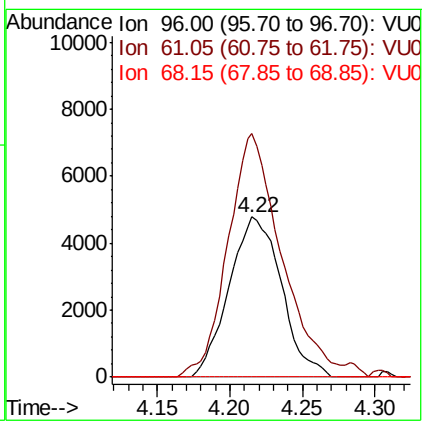


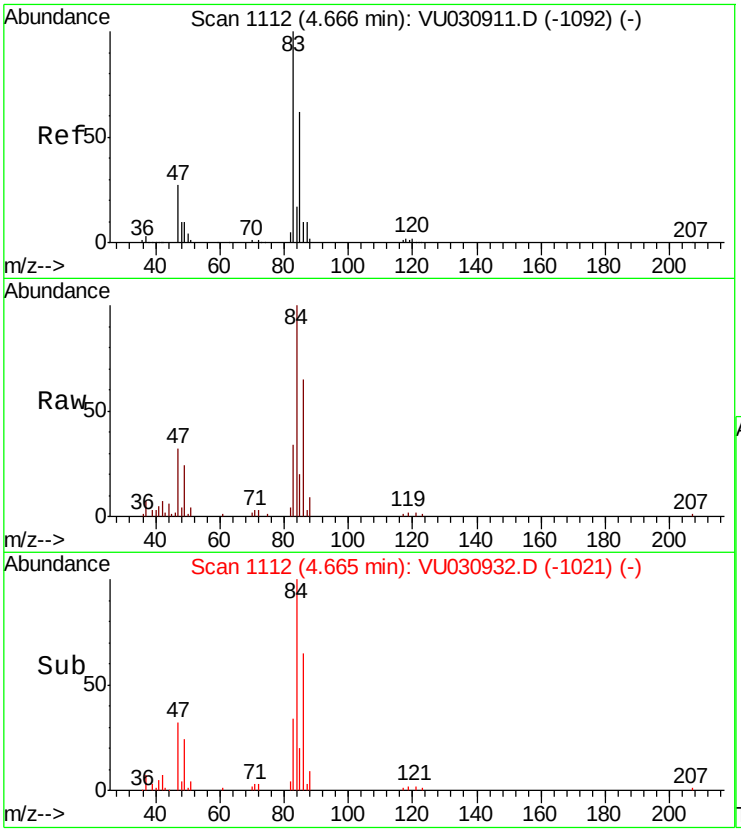


#22
cis-1,2-Dichloroethene
Concen: 0.647 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.01 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Tgt Ion: 96 Resp: 12023

Ion	Ratio	Lower	Upper
96	100		
61	152.3	98.9	183.7
68	0.0	0.0	0.0



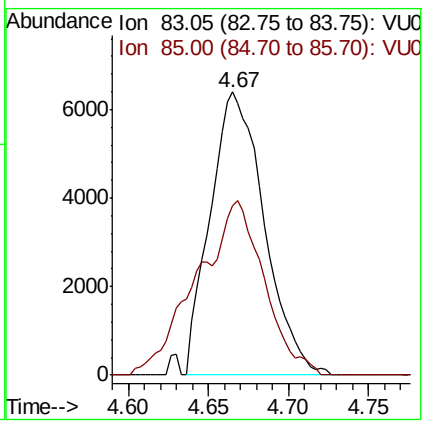


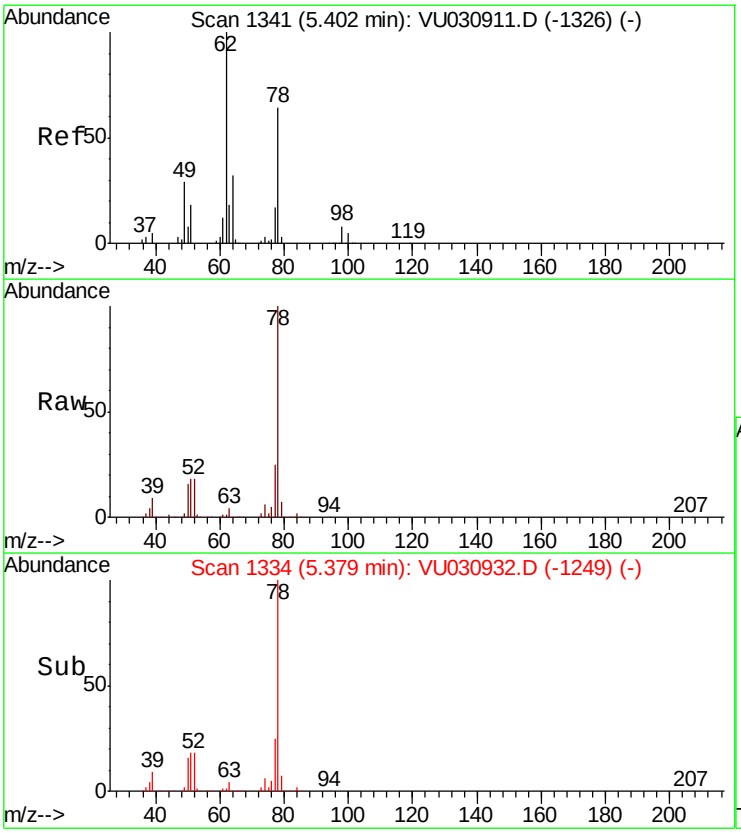
#25
Chloroform
Concen: 0.442 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Instrument :
MSVOA_U
ClientSampleId :
E3YD3MS

Tgt Ion: 83 Resp: 14837

Ion	Ratio	Lower	Upper
83	100		
85	59.9	44.2	82.2

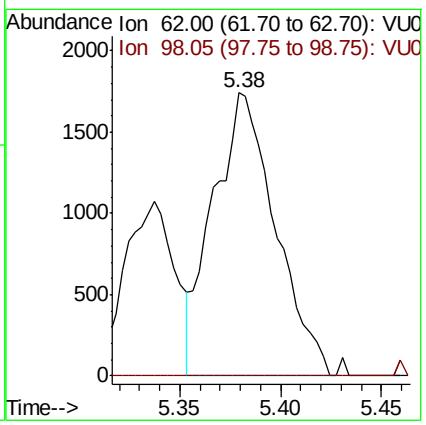


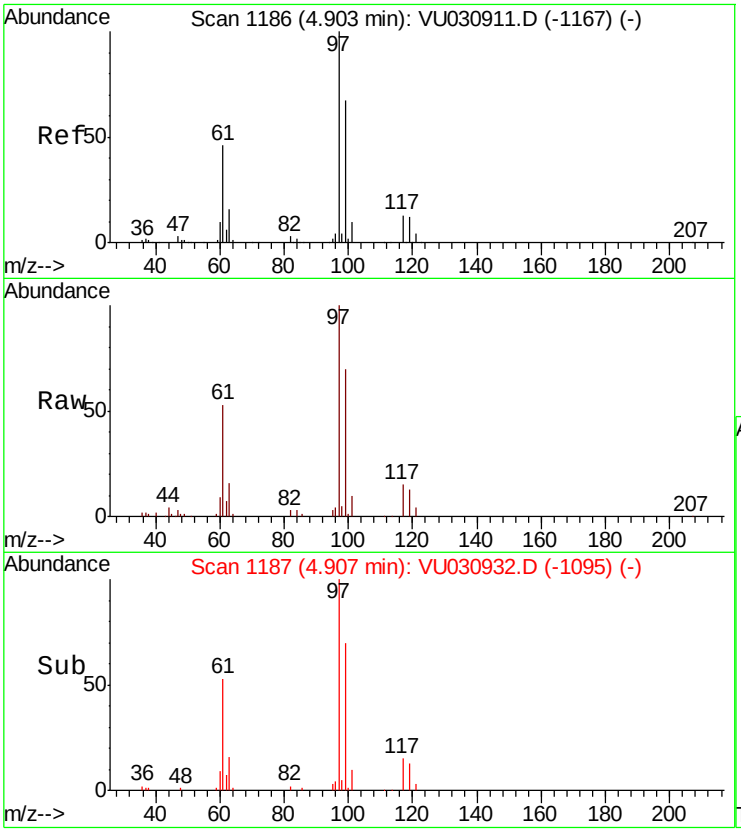


#27
1,2-Dichloroethane
Concen: 0.172 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. -0.03 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Tgt Ion: 62 Resp: 3743

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.2#



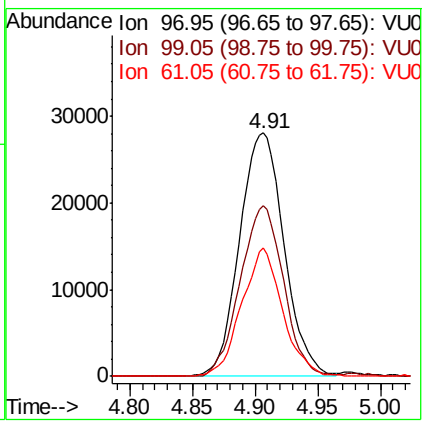


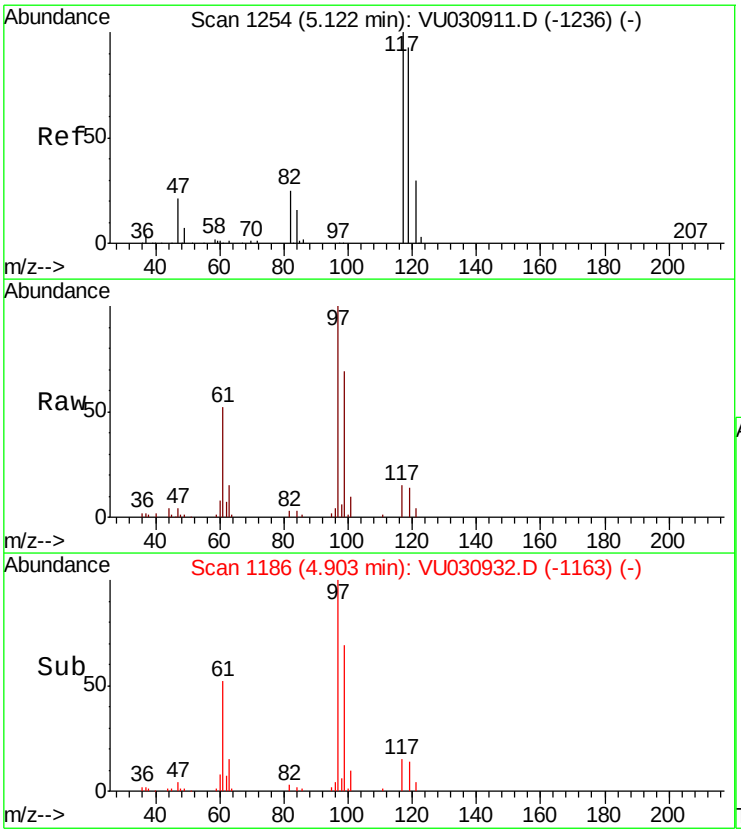
#29
1,1,1-Trichloroethane
Concen: 2.463 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Instrument :
MSVOA_U
ClientSampleId :
E3YD3MS

Tgt Ion: 97 Resp: 69240

Ion	Ratio	Lower	Upper
97	100		
99	68.0	51.8	77.6
61	48.5	38.1	57.1

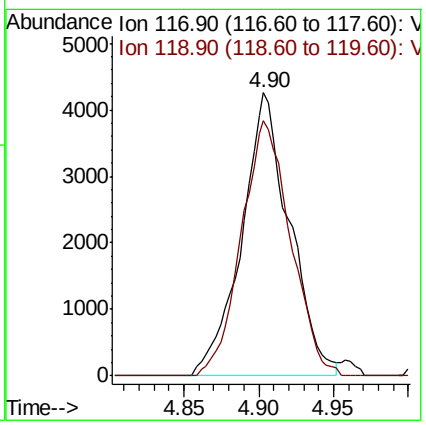


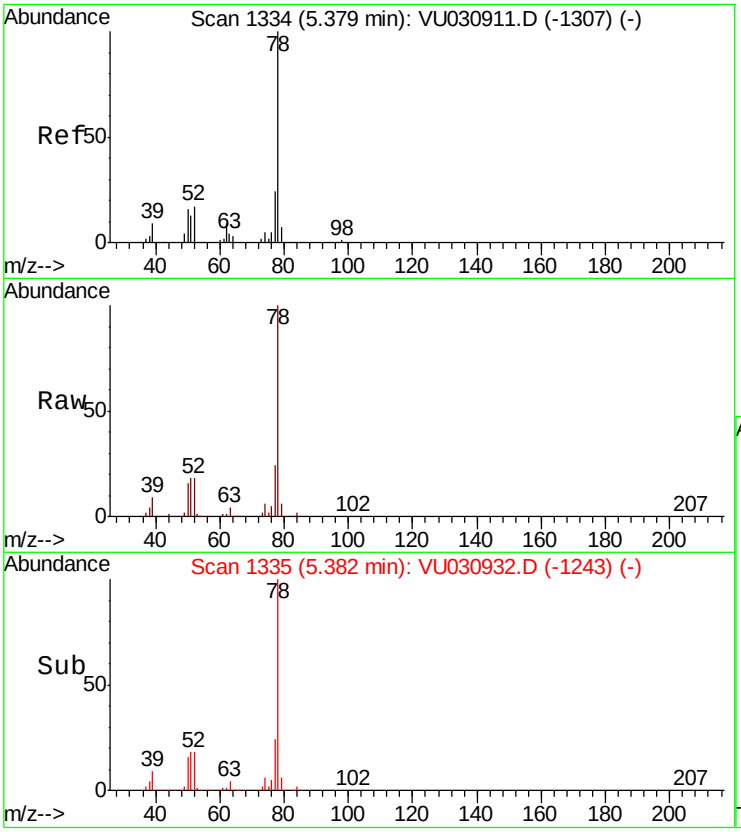


#31
Carbon tetrachloride
Concen: 0.401 ug/L
RT: 4.90 min Scan# 1186
Delta R.T. -0.23 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Tgt Ion:117 Resp: 9469

Ion	Ratio	Lower	Upper
117	100		
119	92.8	73.7	110.5

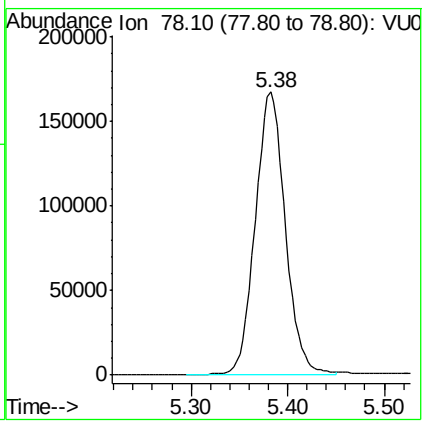


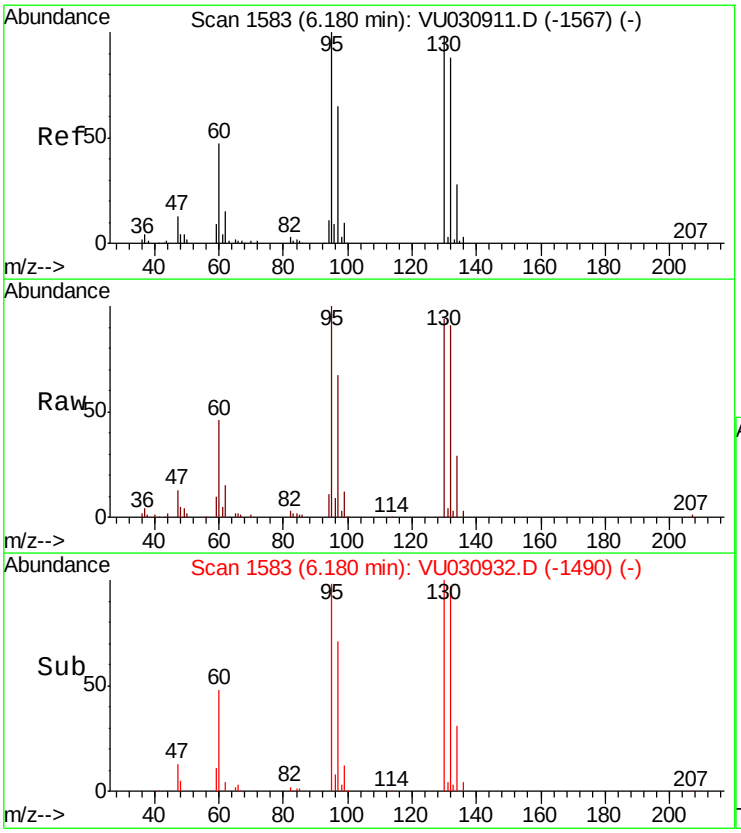


#33
Benzene
Concen: 4.851 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Instrument :
MSVOA_U
ClientSampleId :
E3YD3MS

Tgt Ion: 78 Resp: 362144

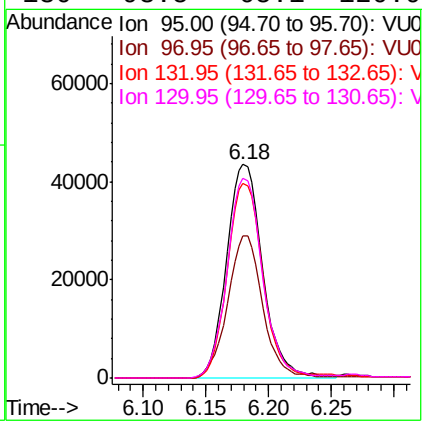


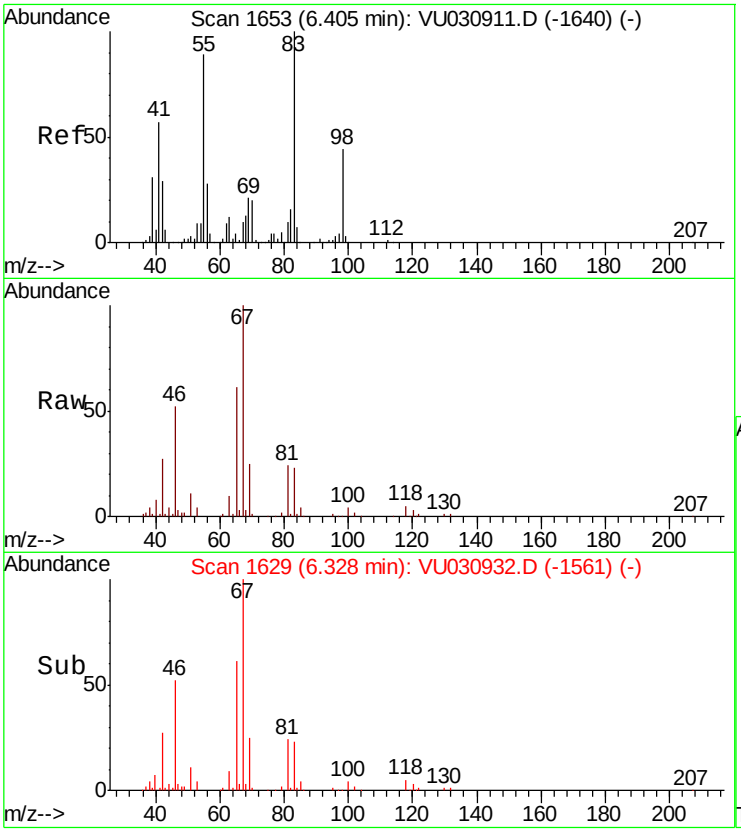


#34
Trichloroethene
Concen: 4.669 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Tgt Ion: 95 Resp: 87265

Ion	Ratio	Lower	Upper
95	100		
97	66.8	43.5	80.9
132	91.0	60.7	112.7
130	93.5	65.1	120.9



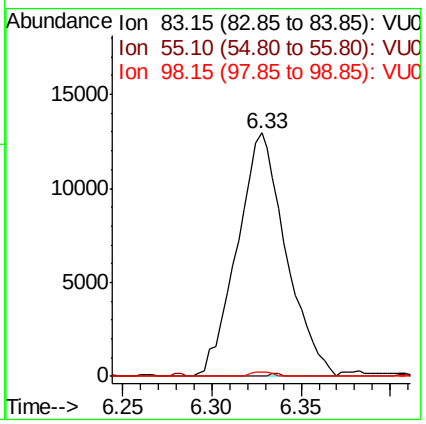


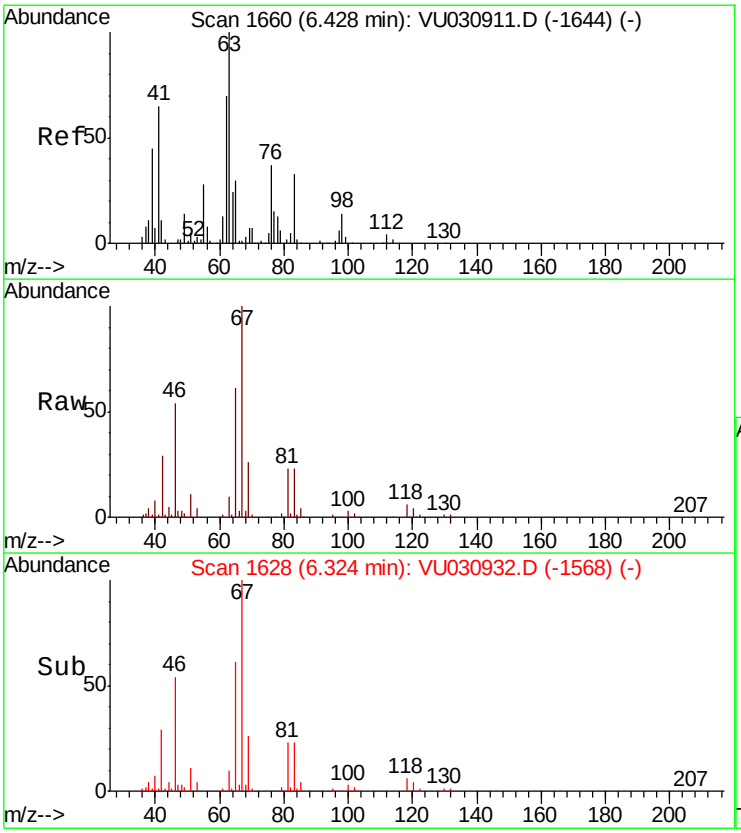
#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Instrument : MSVOA_U
ClientSampleId : E3YD3MS

Tgt Ion: 83 Resp: 24715

Ion	Ratio	Lower	Upper
83	100		
55	0.2	72.6	108.8#
98	0.8	35.0	52.6#

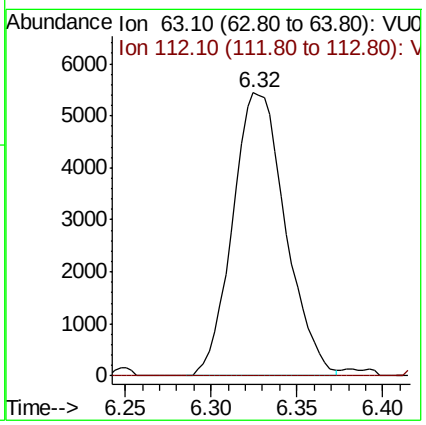


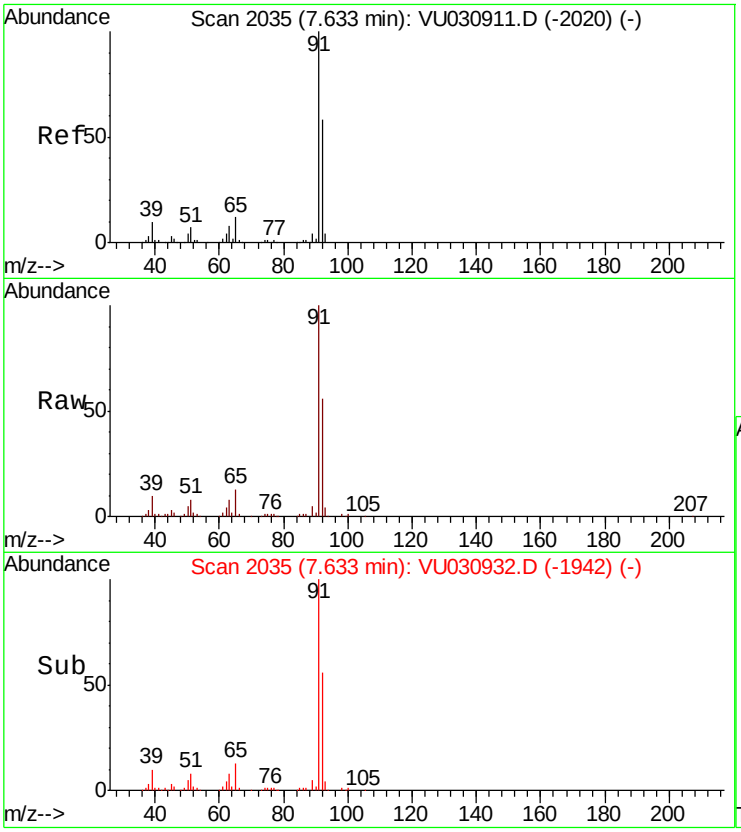


#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Tgt Ion: 63 Resp: 11648

Ion	Ratio	Lower	Upper
63	100		
112	0.2	2.8	4.2#



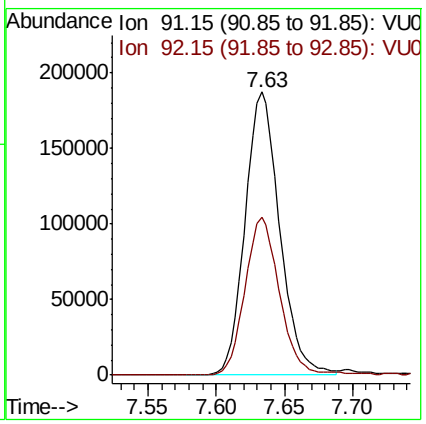


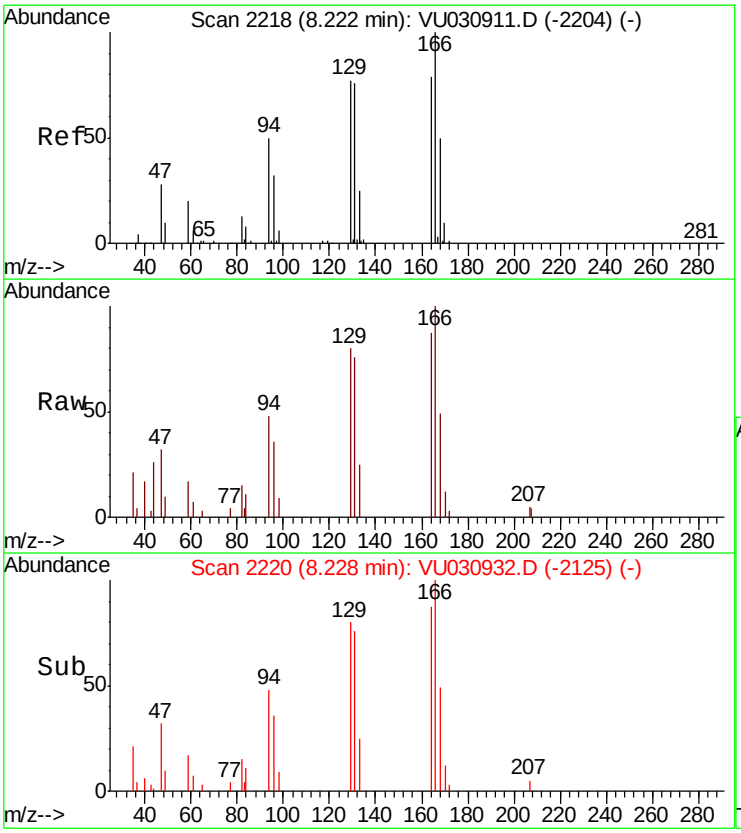
#42
Toluene
Concen: 4.418 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Instrument : MSVOA_U
ClientSampleId : E3YD3MS

Tgt Ion: 91 Resp: 330752

Ion	Ratio	Lower	Upper
91	100		
92	56.0	39.9	74.1

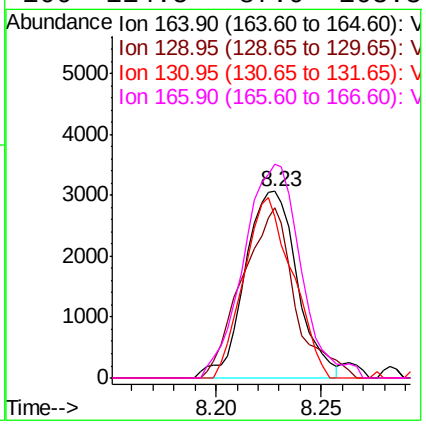


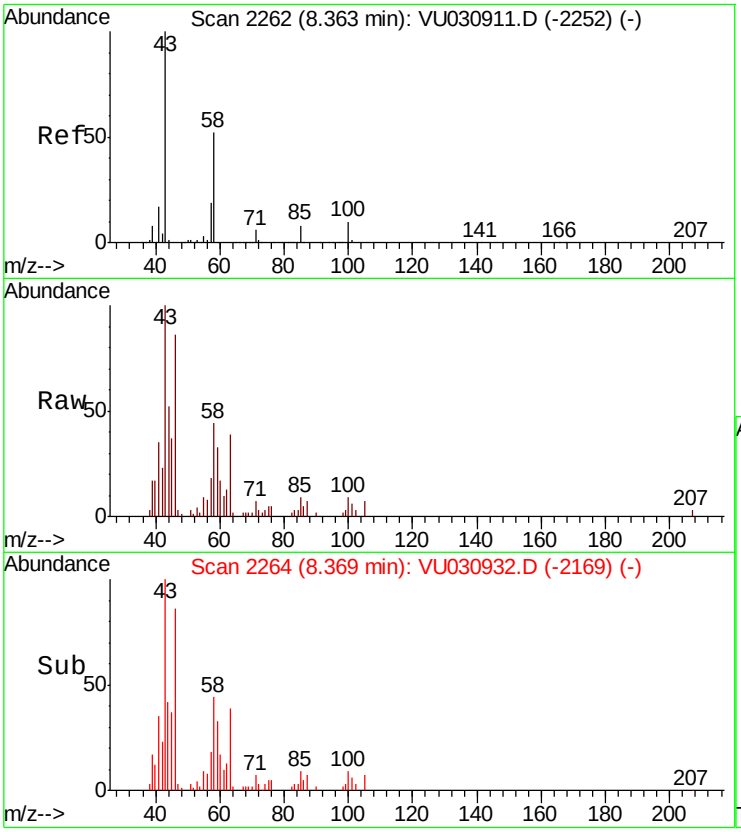


#47
Tetrachloroethene
Concen: 0.402 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Tgt Ion:164 Resp: 5274

Ion	Ratio	Lower	Upper
164	100		
129	91.6	70.1	130.1
131	86.4	67.8	125.8
166	114.5	87.9	163.3



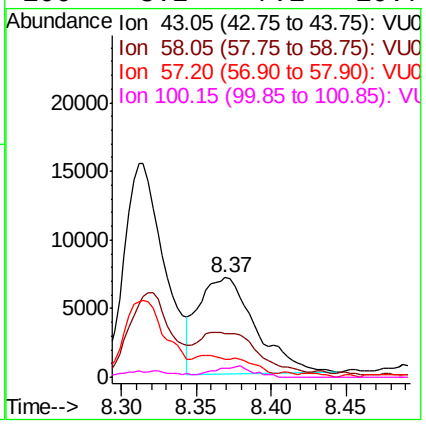


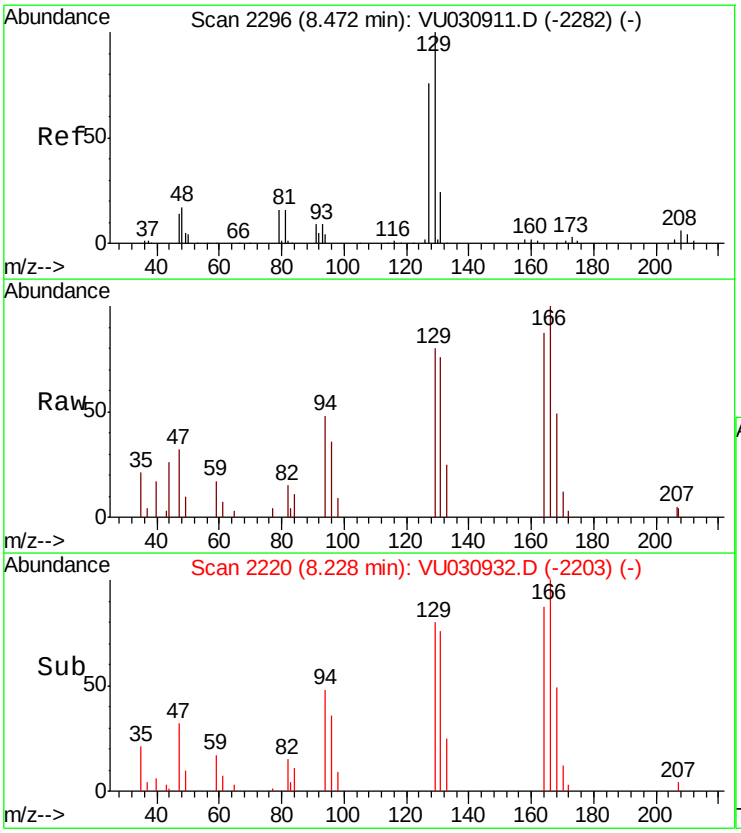
#48
2-Hexanone
Concen: 2.075 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Instrument :
MSVOA_U
ClientSampleId :
E3YD3MS

Tgt Ion: 43 Resp: 18428

Ion	Ratio	Lower	Upper
43	100		
58	44.2	42.5	63.7
57	16.6	13.9	20.9
100	8.2	7.1	10.7

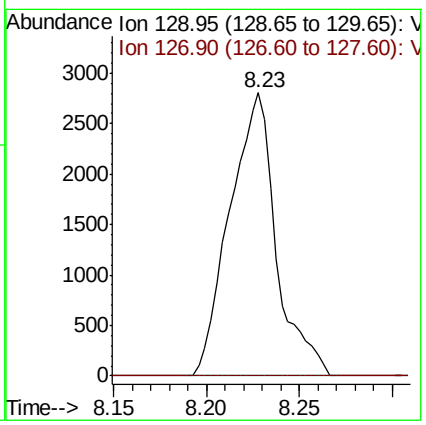


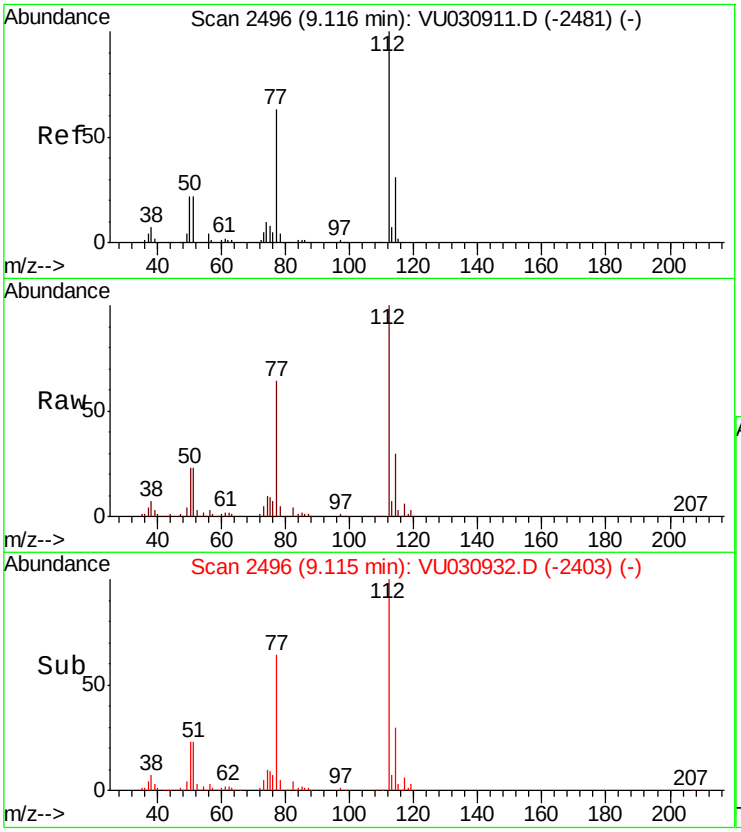


#49
Dibromochloromethane
Concen: 0.333 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. -0.24 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Tgt Ion:129 Resp: 4879

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.1	94.9#



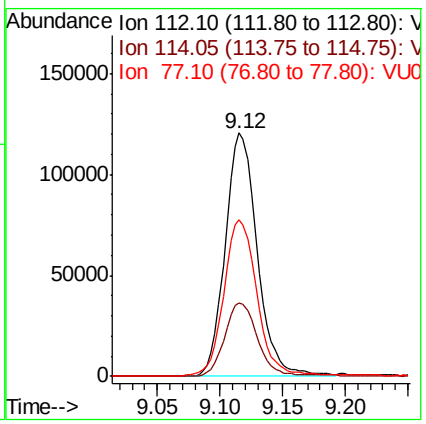


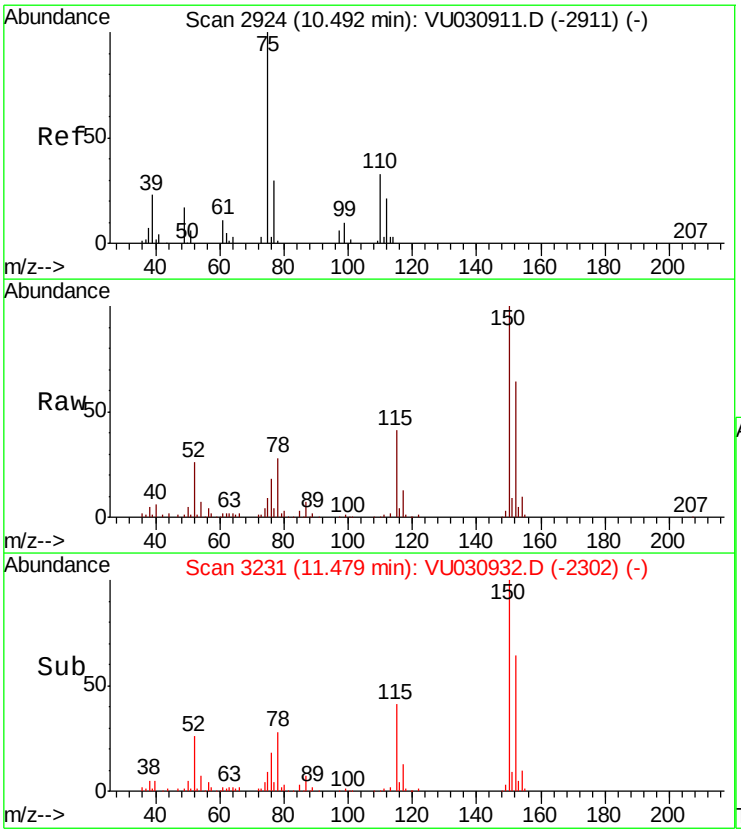
#51
Chlorobenzene
Concen: 4.650 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Instrument :
MSVOA_U
ClientSampleId :
E3YD3MS

Tgt Ion:112 Resp: 214697

Ion	Ratio	Lower	Upper
112	100		
114	30.1	22.3	41.5
77	64.1	51.0	76.6





#59
1,2,3-Trichloropropane
Concen: 0.978 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030932.D
Acq: 09 Apr 2019 02:14

Tgt Ion: 75 Resp: 11229

Ion	Ratio	Lower	Upper
75	100		
77	43.5	25.6	38.4#