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

Quantitation Report (Not Reviewed)

Data File : VU029745.D
Acq On : 28 Feb 2019 18:03
Operator : JC/SP
Sample : K1577-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJZ4

Quant Time: Mar 01 00:25:50 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	241350	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	232338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	119963	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	65181	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.68	69	65344	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.20%			
11) 1,1-Dichloroethene-d2	2.27	63	101664	3.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.00%			
20) 2-Butanone-d5	4.19	46	213671	59.96	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.92%			
24) Chloroform-d	4.65	84	142826	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
26) 1,2-Dichloroethane-d4	5.31	65	75936	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
32) Benzene-d6	5.34	84	296391	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.33	67	93368	5.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.60%			
41) Toluene-d8	7.56	98	262257	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.80%			
43) trans-1,3-Dichloropropene-	7.85	79	33884	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.31	63	204581	58.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83350	5.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	114850	4.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.40%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1849	0.114	ug/L #	74
5) Vinyl chloride	1.40	62	3145	0.153	ug/L #	1
8) Chloroethane	1.48	64	24125	1.809	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	1175	0.062	ug/L #	19
12) 1,1-Dichloroethene	2.28	96	2422	0.135	ug/L #	1
13) Acetone	2.32	43	6997	2.733	ug/L	96
18) trans-1,2-Dichloroethene	2.98	96	8614	0.442	ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	34888	1.955	ug/L	98
25) Chloroform	4.68	83	2130	0.070	ug/L	86
34) Trichloroethene	6.18	95	4011	0.234	ug/L	87
35) Methylcyclohexane	6.33	83	22292	0.802	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	10028	0.648	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2410	0.106	ug/L #	82
42) Toluene	7.64	91	108733	1.561	ug/L	98
48) 2-Hexanone	8.36	43	2947	0.464	ug/L #	94
55) Styrene	9.80	104	1878	0.037	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	12350	1.196	ug/L	94

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

Quantitation Report (Not Reviewed)

Data File : VU029745.D
Acq On : 28 Feb 2019 18:03
Operator : JC/SP
Sample : K1577-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJZ4

Quant Time: Mar 01 00:25:50 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

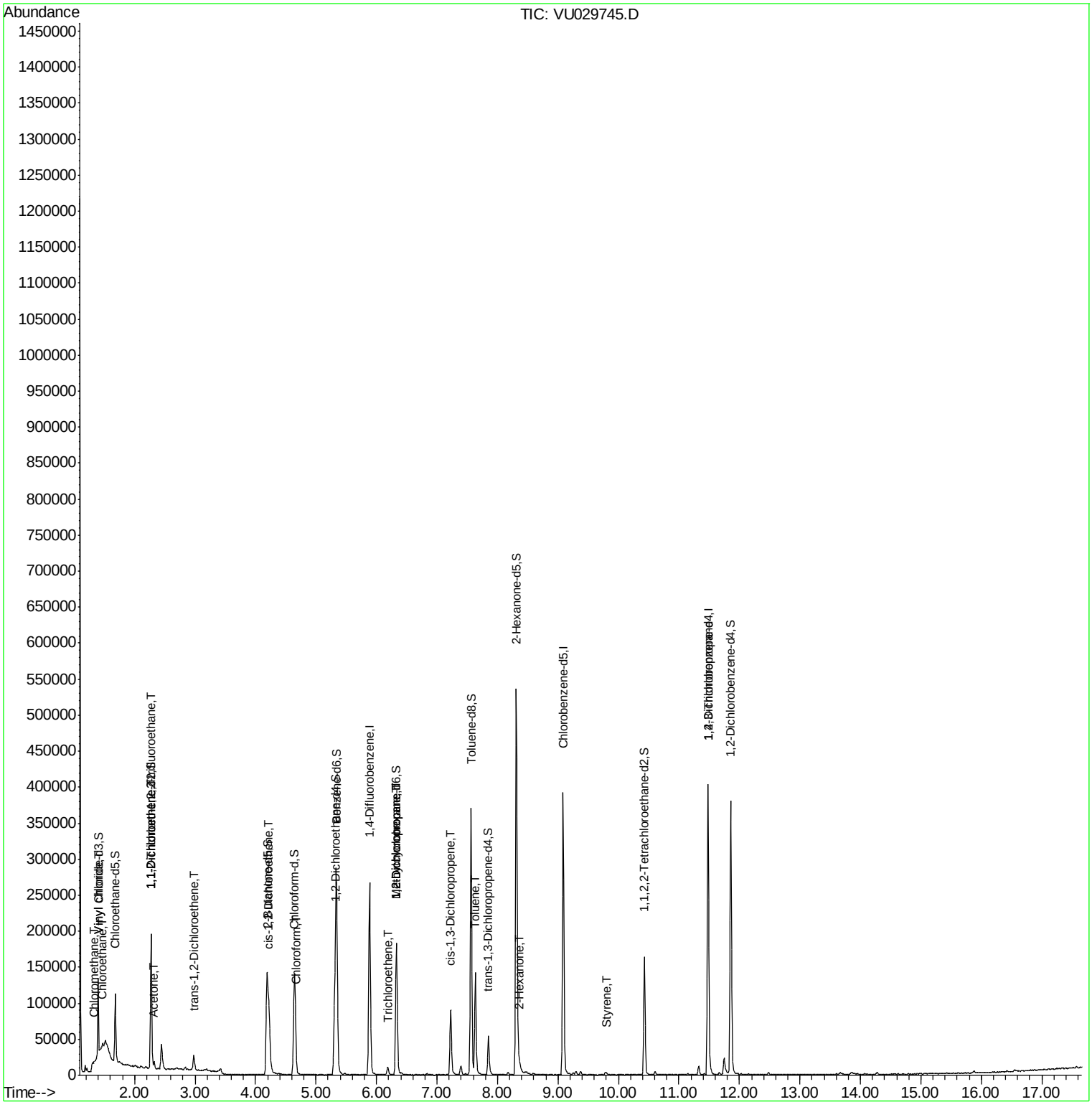
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\

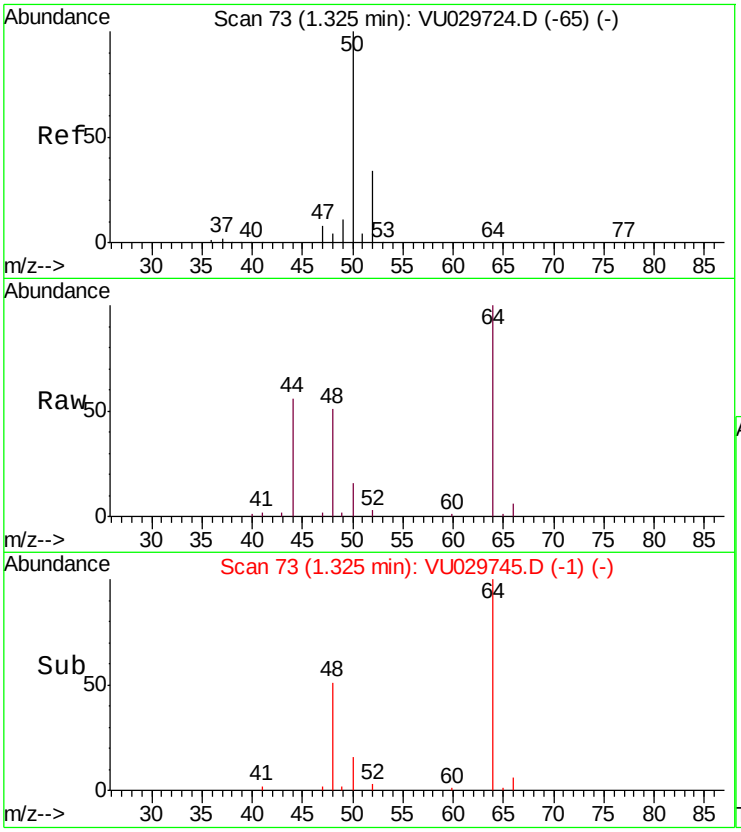
Quantitation Report (Not Reviewed)

Data File : VU029745.D
Acq On : 28 Feb 2019 18:03
Operator : JC/SP
Sample : K1577-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : CWJZ4

Quant Time: Mar 01 00:25:50 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



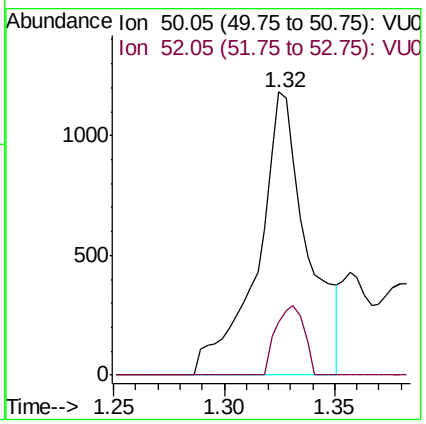


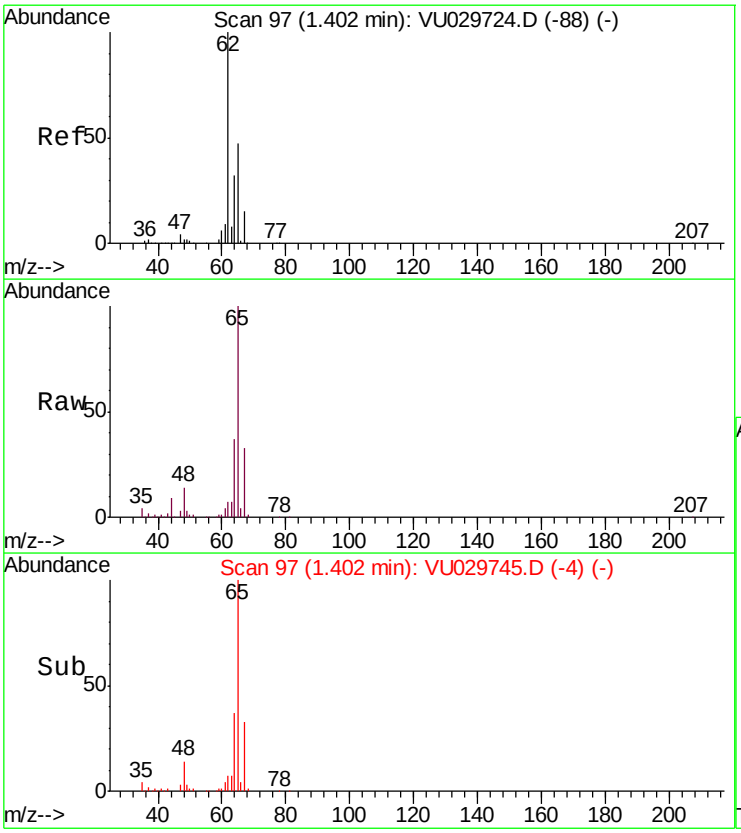
#3
Chloromethane
Concen: 0.114 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Instrument : MSVOA_U
ClientSampleId : CWJZ4

Tgt Ion: 50 Resp: 1849

Ion	Ratio	Lower	Upper
50	100		
52	18.7	23.5	43.7#

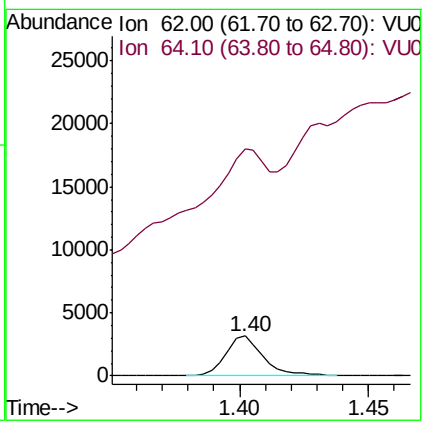


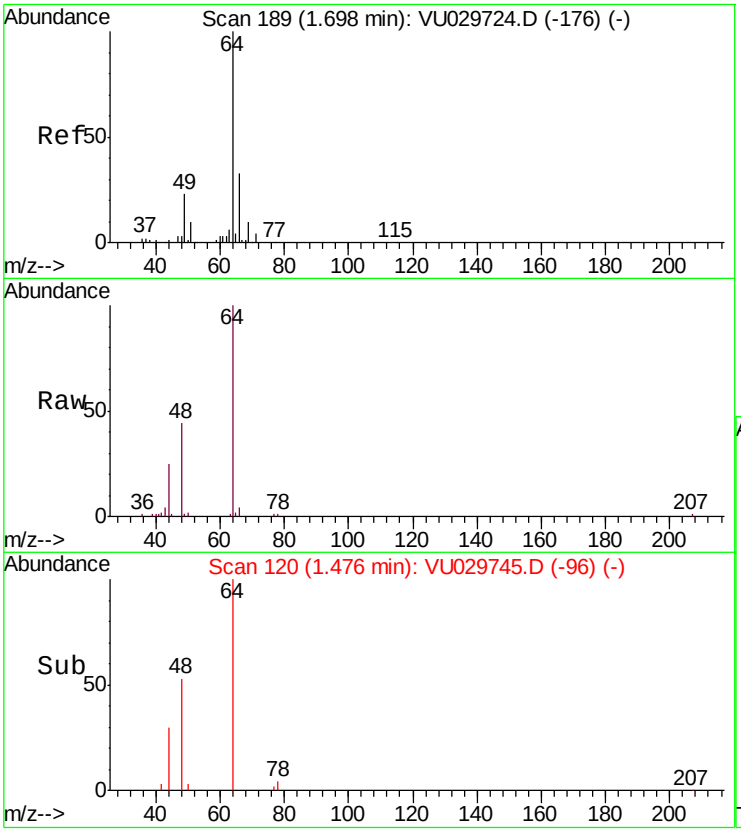


#5
Vinyl chloride
Concen: 0.153 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Tgt Ion: 62 Resp: 3145

Ion	Ratio	Lower	Upper
62	100		
64	572.6	24.8	46.1#



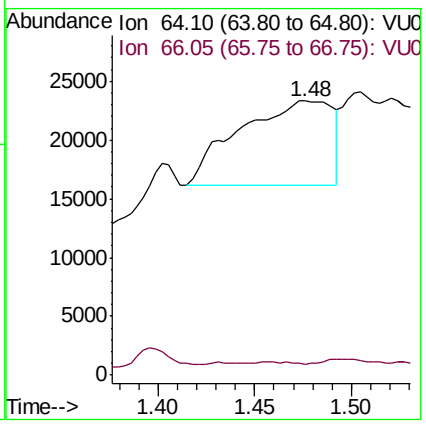


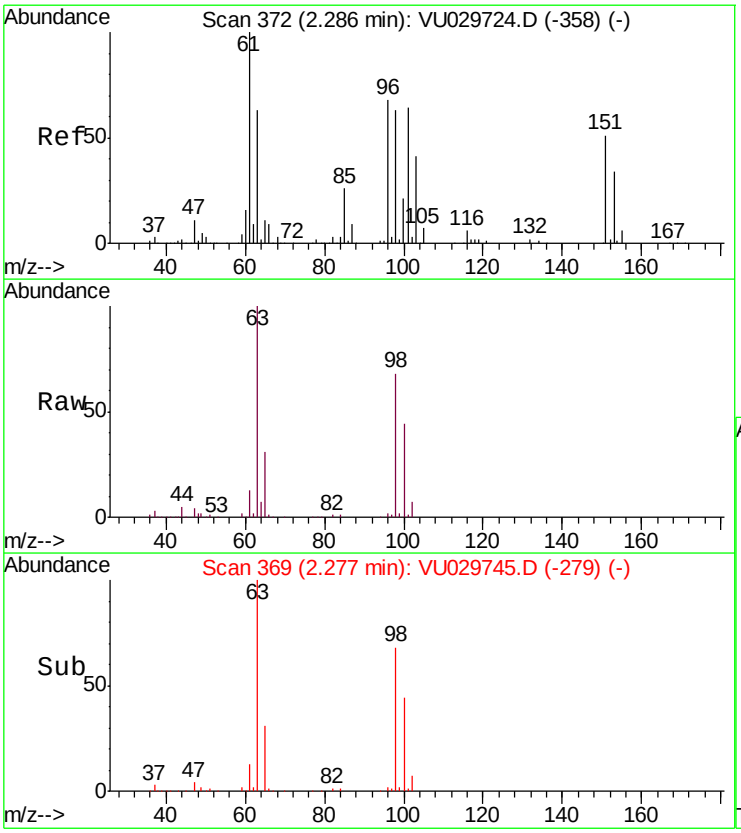
#8
Chloroethane
Concen: 1.809 ug/L
RT: 1.48 min Scan# 120
Delta R.T. -0.22 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Instrument : MSVOA_U
ClientSampleId : CWJZ4

Tgt Ion: 64 Resp: 24125

Ion	Ratio	Lower	Upper
64	100		
66	4.1	21.4	39.8#

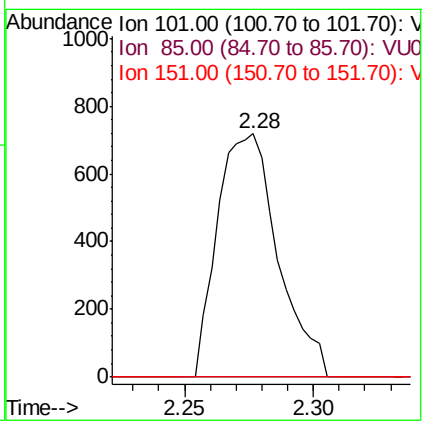


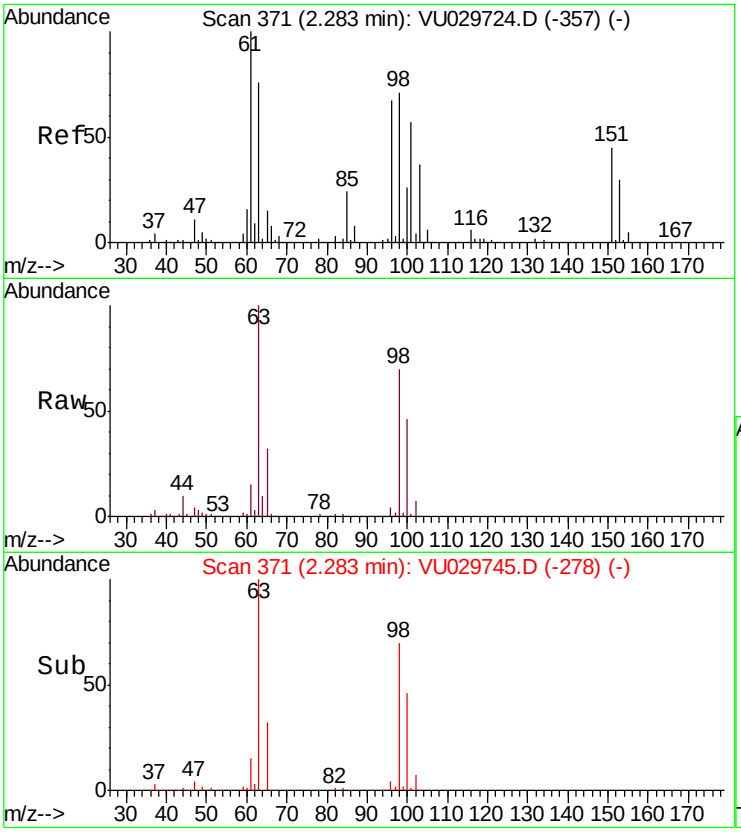


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Tgt Ion:101 Resp: 1175

Ion	Ratio	Lower	Upper
101	100		
85	4.0	32.8	49.2#
151	0.0	65.9	98.9#



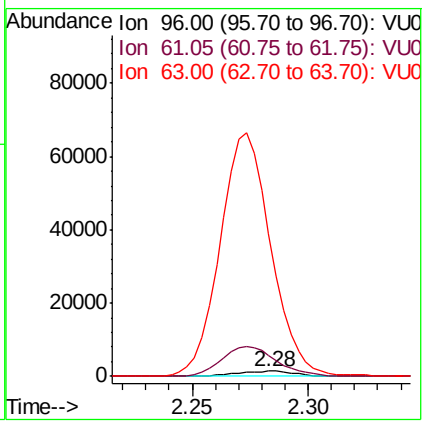


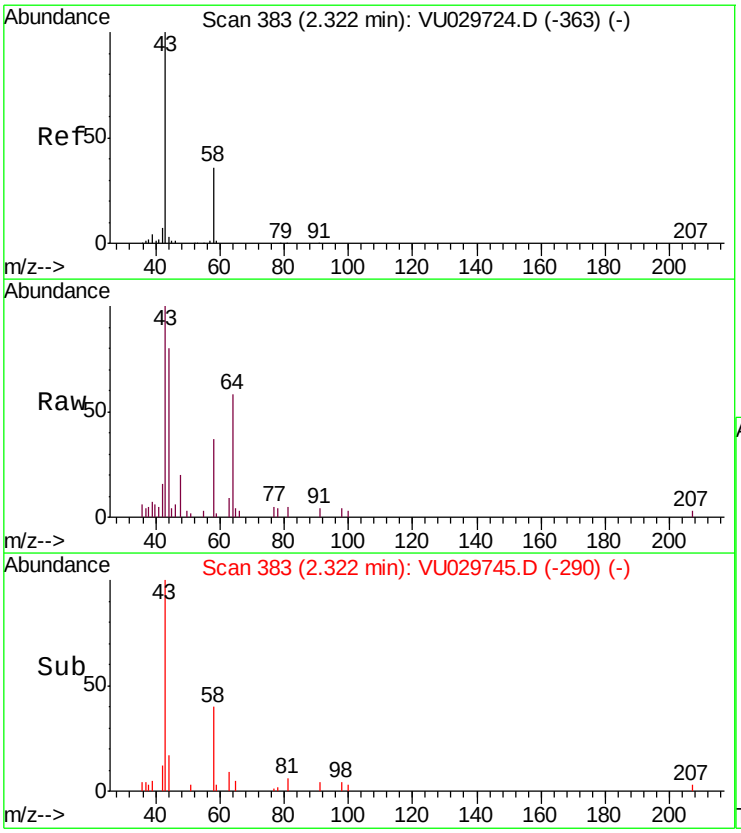
#12
1,1-Dichloroethene
Concen: 0.135 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
CWJZ4

Tgt Ion: 96 Resp: 2422

Ion	Ratio	Lower	Upper
96	100		
61	413.9	111.3	206.7#
63	2817.1	88.5	164.3#

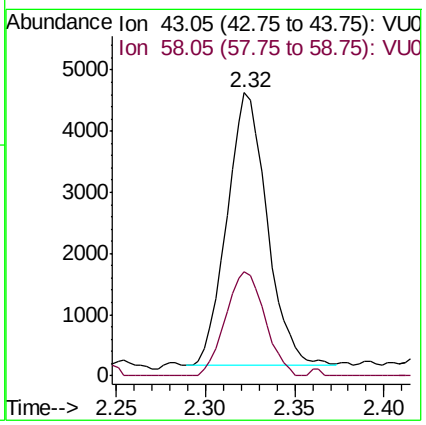


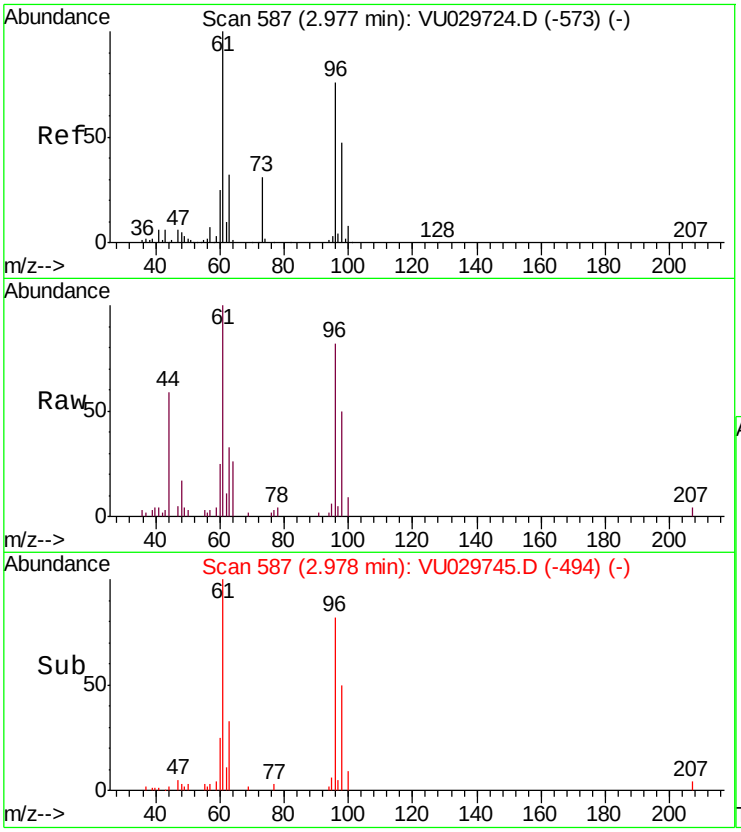


#13
Acetone
Concen: 2.733 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Tgt Ion: 43 Resp: 6997

Ion	Ratio	Lower	Upper
43	100		
58	37.2	0.0	70.2



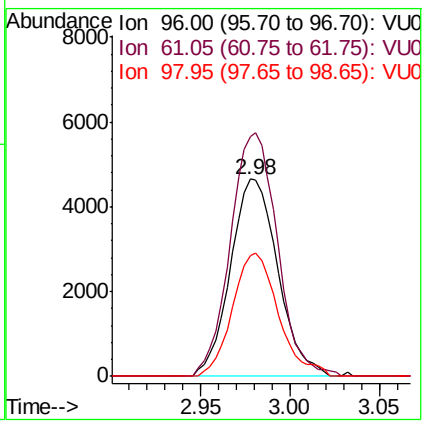


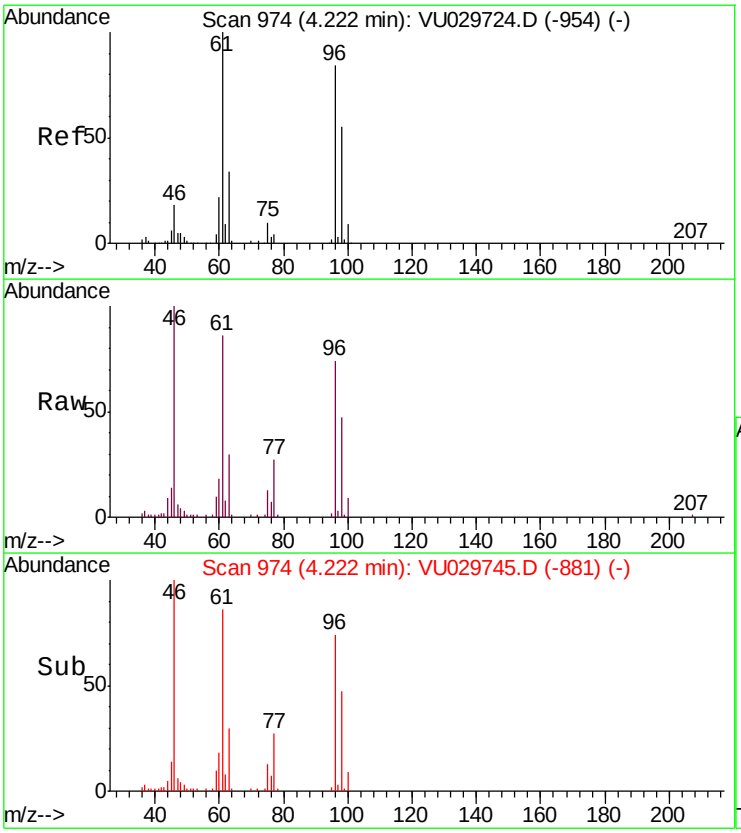
#18
trans-1,2-Dichloroethene
Concen: 0.442 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
CWJZ4

Tgt Ion: 96 Resp: 8614

Ion	Ratio	Lower	Upper
96	100		
61	121.3	90.3	167.7
98	61.2	45.2	84.0

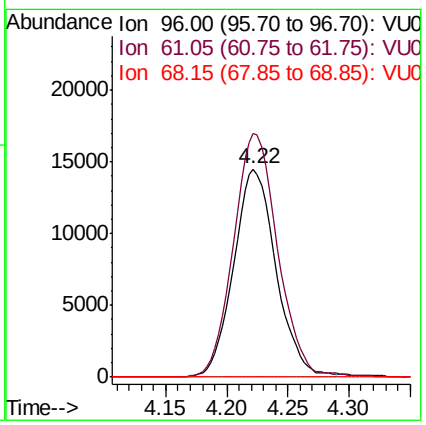


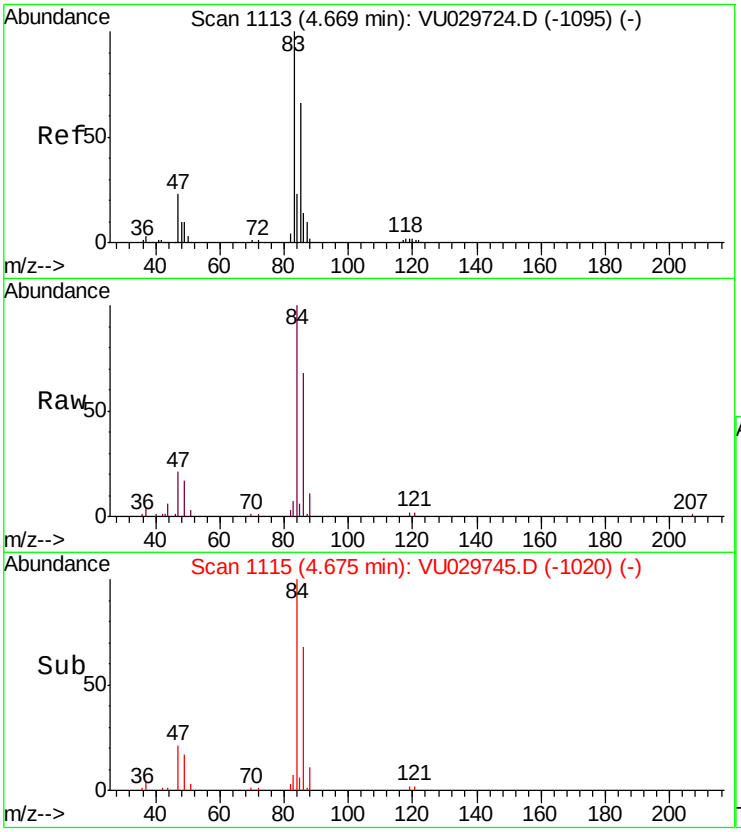


#22
cis-1,2-Dichloroethene
Concen: 1.955 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Tgt Ion: 96 Resp: 34888

Ion	Ratio	Lower	Upper
96	100		
61	117.2	80.2	149.0
68	0.0	0.0	0.0



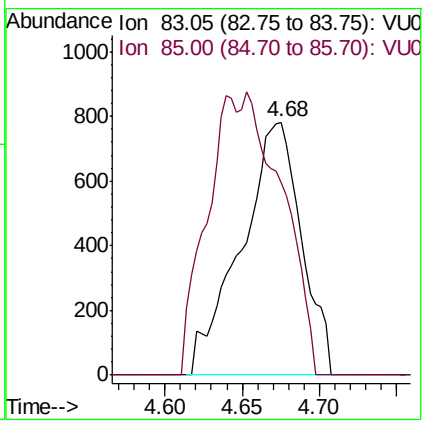


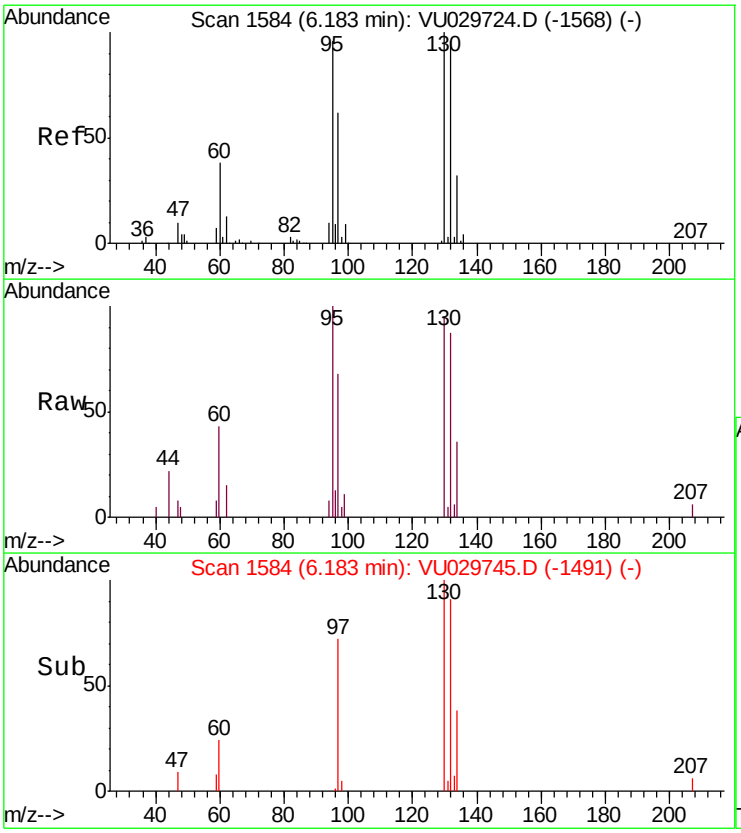
#25
Chloroform
Concen: 0.070 ug/L
RT: 4.68 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
CWJZ4

Tgt Ion: 83 Resp: 2130

Ion	Ratio	Lower	Upper
83	100		
85	76.1	45.6	84.6

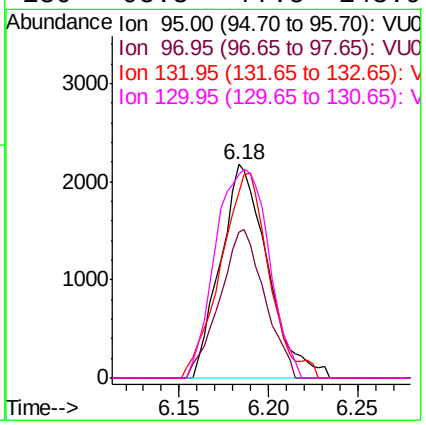


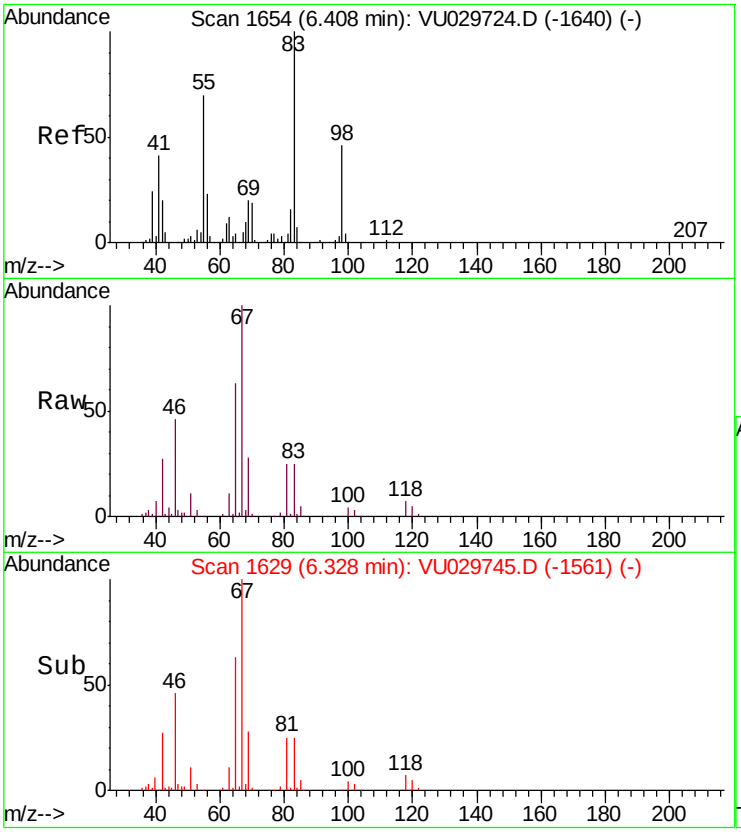


#34
Trichloroethene
Concen: 0.234 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Tgt Ion: 95 Resp: 4011

Ion	Ratio	Lower	Upper
95	100		
97	68.3	45.6	84.8
132	86.7	72.9	135.3
130	95.3	77.5	143.9



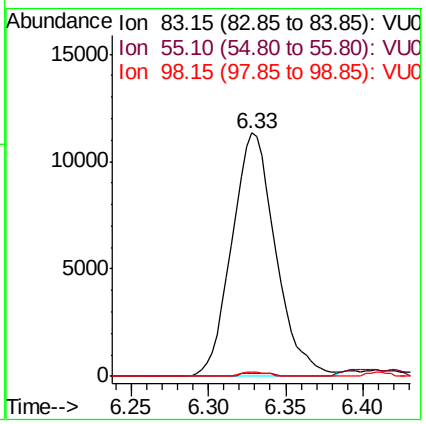


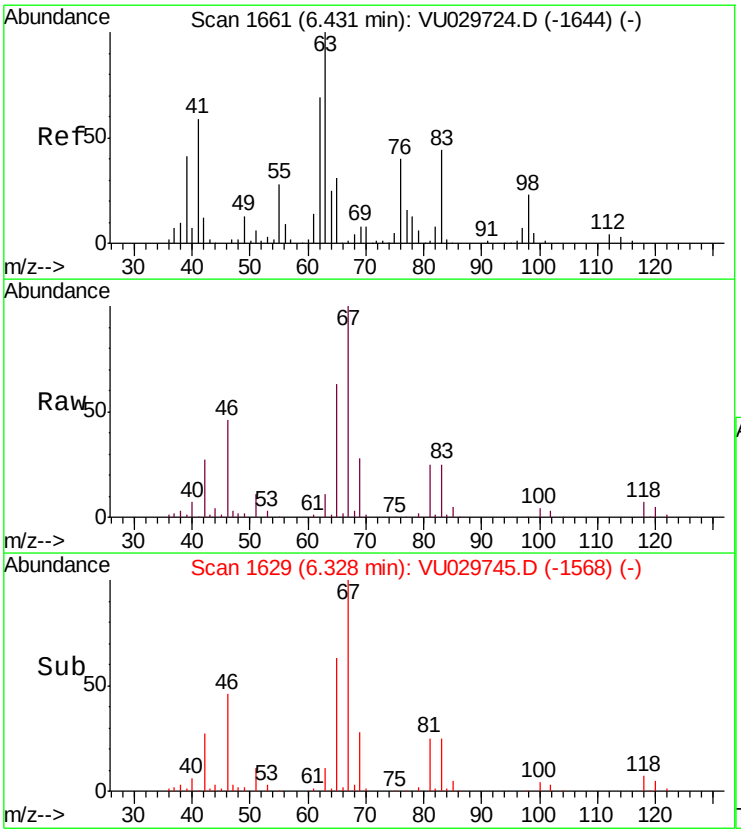
#35
Methylcyclohexane
Concen: 0.802 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
CWJZ4

Tgt Ion: 83 Resp: 22292

Ion	Ratio	Lower	Upper
83	100		
55	0.9	56.5	84.7#
98	1.1	39.4	59.2#

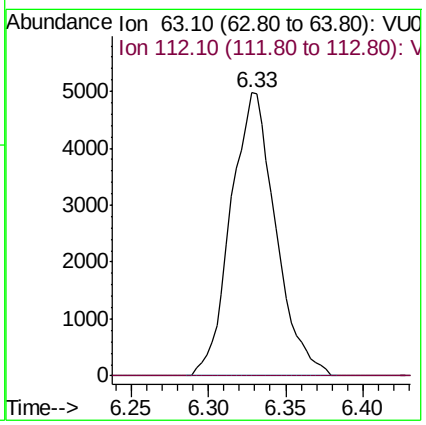


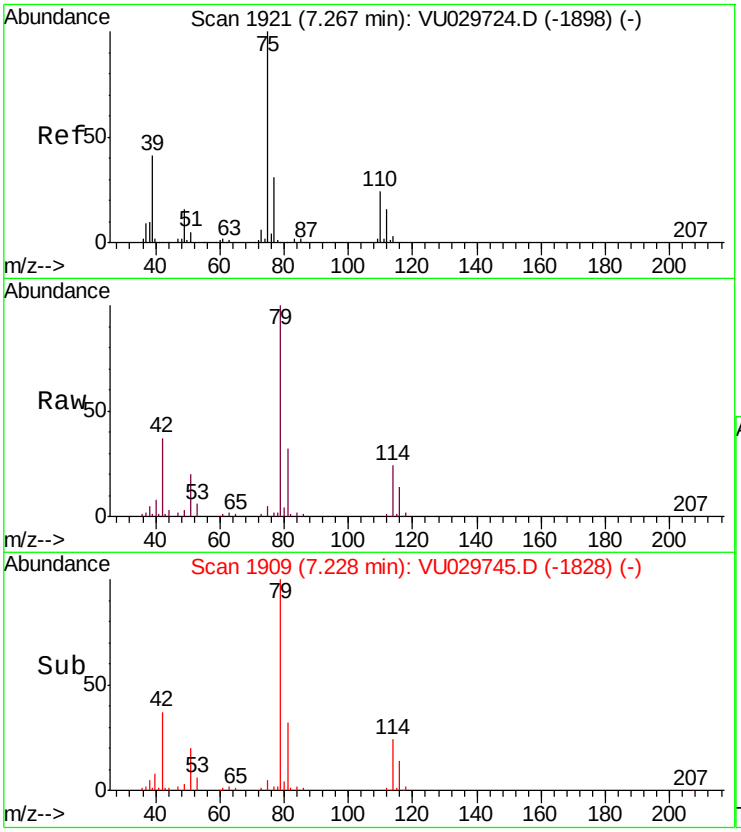


#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Tgt Ion: 63 Resp: 10028

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



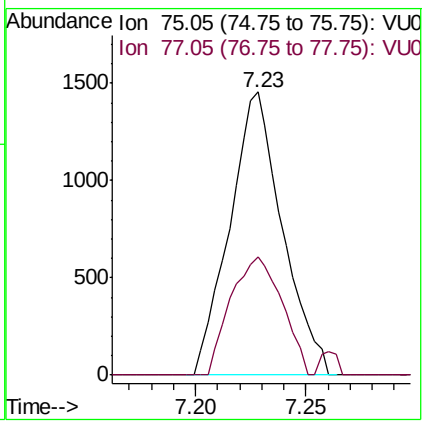


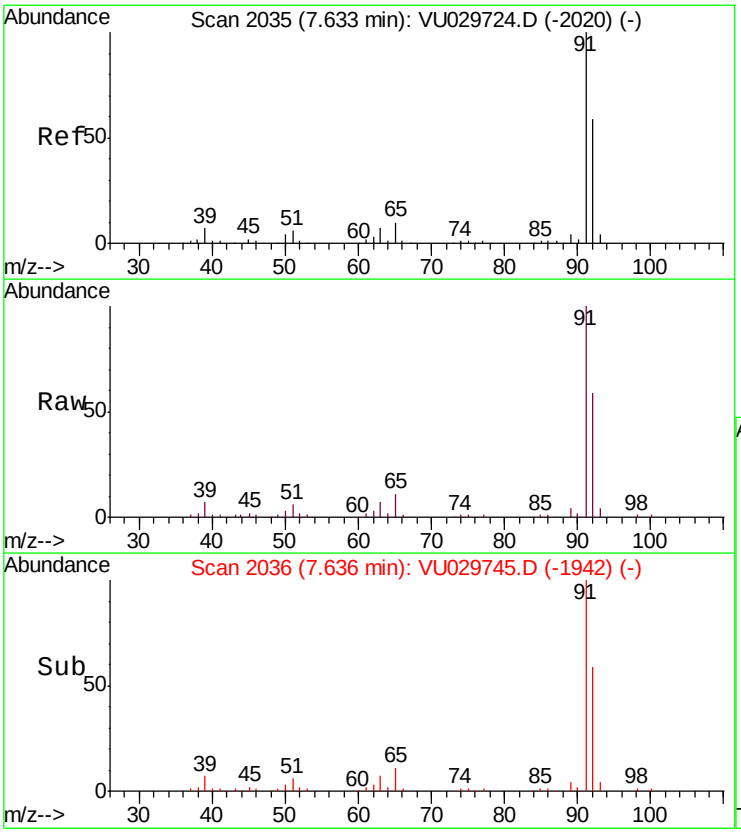
#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
CWJZ4

Tgt Ion: 75 Resp: 2410

Ion	Ratio	Lower	Upper
75	100		
77	41.8	22.3	41.5#

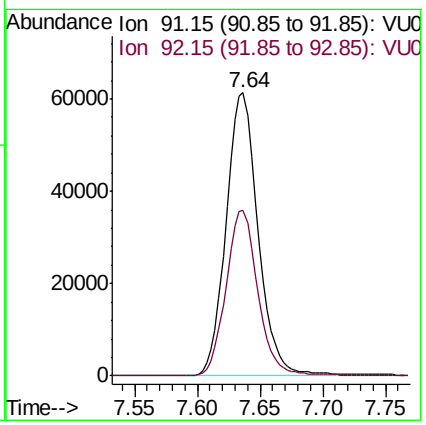


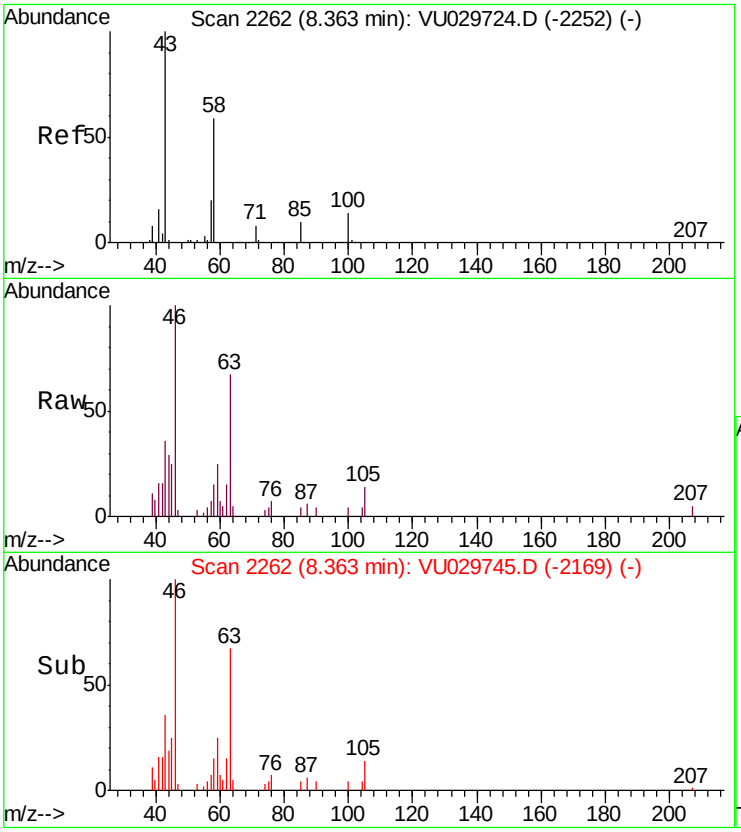


#42
Toluene
Concen: 1.561 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Tgt Ion: 91 Resp: 108733

Ion	Ratio	Lower	Upper
91	100		
92	58.7	40.1	74.5



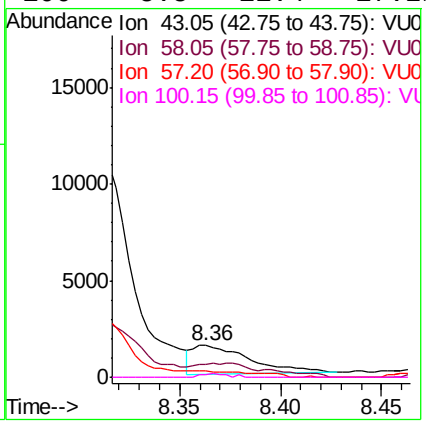


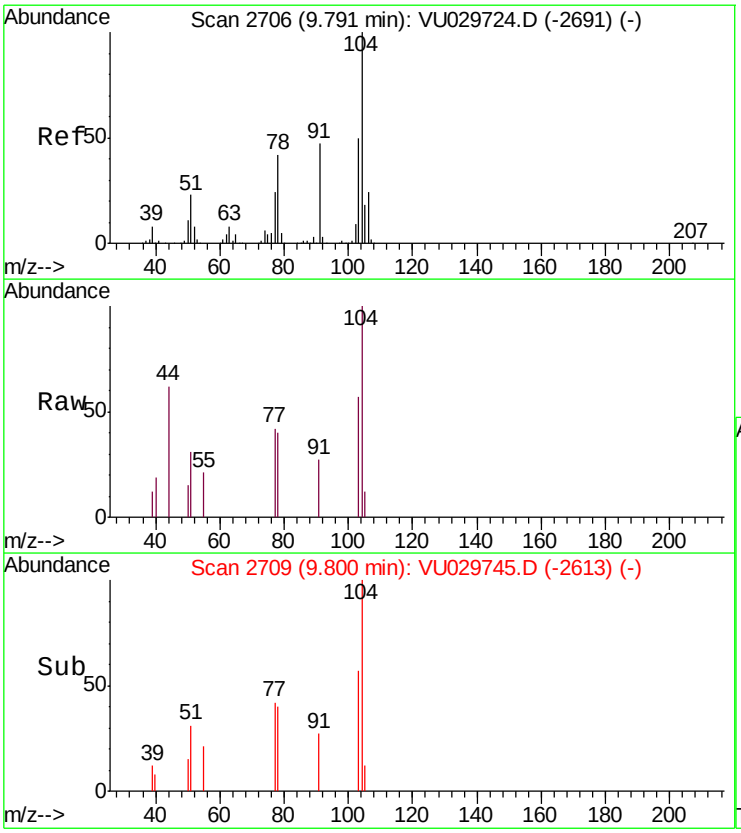
#48
2-Hexanone
Concen: 0.464 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Instrument : MSVOA_U
ClientSampleId : CWJZ4

Tgt Ion: 43 Resp: 2947

Ion	Ratio	Lower	Upper
43	100		
58	60.1	46.6	69.8
57	17.7	15.9	23.9
100	5.5	11.4	17.2#

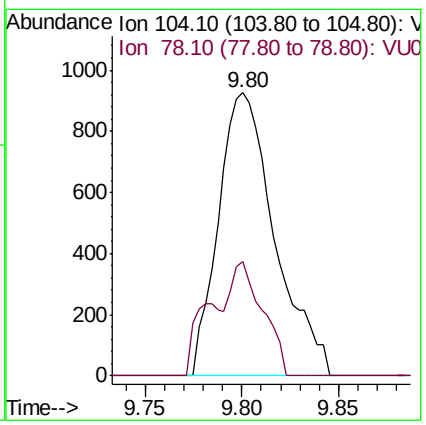


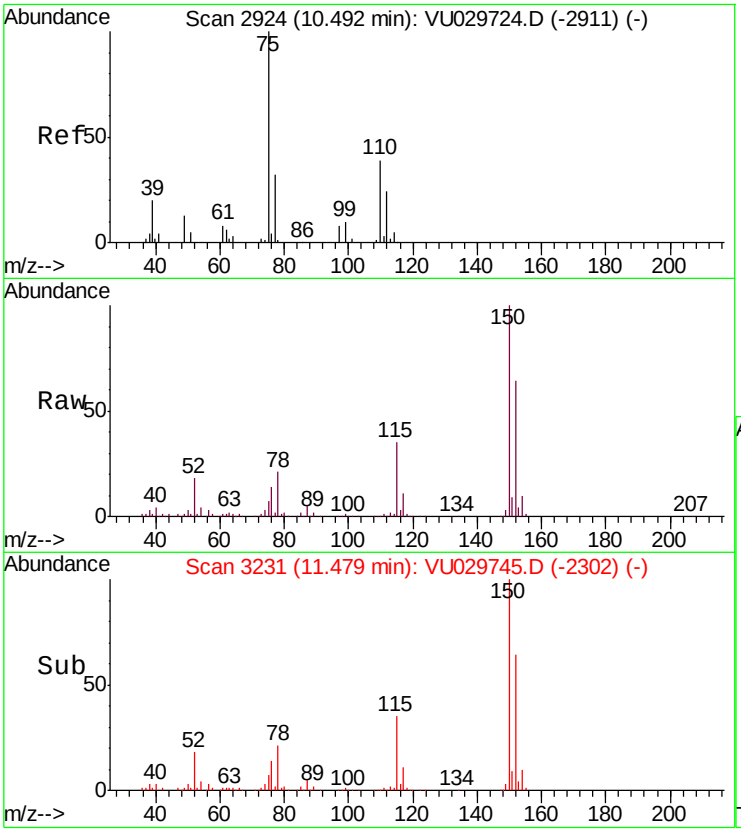


#55
Styrene
Concen: 0.037 ug/L
RT: 9.80 min Scan# 2709
Delta R.T. 0.01 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Tgt Ion:104 Resp: 1878

Ion	Ratio	Lower	Upper
104	100		
78	40.5	29.2	54.2





#59
1,2,3-Trichloropropane
Concen: 1.196 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029745.D
Acq: 28 Feb 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
CWJZ4

Tgt Ion: 75 Resp: 12350

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.6	38.4