Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\

Quantitation Report (Not Reviewed)

Data File : VU029479.D
Acq On : 15 Feb 2019 00:40
Operator : JC/SP
Sample : K1438-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE0

Quant Time: Feb 15 03:48:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	191081	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181412	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95695	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	53270	4.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.00%			
7) Chloroethane-d5	1.68	69	46487	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.00%			
11) 1,1-Dichloroethene-d2	2.27	63	81295	2.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.20%#			
20) 2-Butanone-d5	4.19	46	151125	56.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.24%			
24) Chloroform-d	4.65	84	91390	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
26) 1,2-Dichloroethane-d4	5.31	65	49849	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.60%			
32) Benzene-d6	5.34	84	189200	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
36) 1,2-Dichloropropane-d6	6.33	67	58953	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.40%			
41) Toluene-d8	7.56	98	178894	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.20%			
43) trans-1,3-Dichloropropene-	7.85	79	21712	3.77	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.40%			
46) 2-Hexanone-d5	8.31	63	152792	57.64	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.28%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	56023	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	83260	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.40%			
Target Compounds						Qvalue
3) Chloromethane	1.30	50	14477	0.917	ug/L #	63
5) Vinyl chloride	1.40	62	447823	24.335	ug/L	84
8) Chloroethane	1.56	64	195735	16.335	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	801	0.048	ug/L #	27
12) 1,1-Dichloroethene	2.28	96	2054	0.131	ug/L #	1
13) Acetone	2.32	43	6605	2.724	ug/L	96
15) Methyl Acetate	2.74	43	22574	3.634	ug/L #	47
18) trans-1,2-Dichloroethene	2.98	96	21365	1.274	ug/L	93
22) cis-1,2-Dichloroethene	4.22	96	372565	24.154	ug/L	100
30) Cyclohexane	4.99	56	51130	2.378	ug/L	98
33) Benzene	5.39	78	8147	0.153	ug/L	100
34) Trichloroethene	6.19	95	1292	0.086	ug/L	83
35) Methylcyclohexane	6.41	83	30810	1.220	ug/L	96
39) cis-1,3-Dichloropropene	7.23	75	1693	0.080	ug/L #	69
45) 1,1,2-Trichloroethane	8.04	97	1112	0.109	ug/L #	17
48) 2-Hexanone	8.31	43	16525	2.941	ug/L #	69
49) Dibromochloromethane	8.22	129	632	0.046	ug/L #	11

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\

Quantitation Report (Not Reviewed)

Data File : VU029479.D
Acq On : 15 Feb 2019 00:40
Operator : JC/SP
Sample : K1438-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXE0

Quant Time: Feb 15 03:48:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-xylene	9.37	106	1696	0.063	ug/L	67
59) 1,2,3-Trichloropropane	11.48	75	9501	1.107	ug/L	98

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

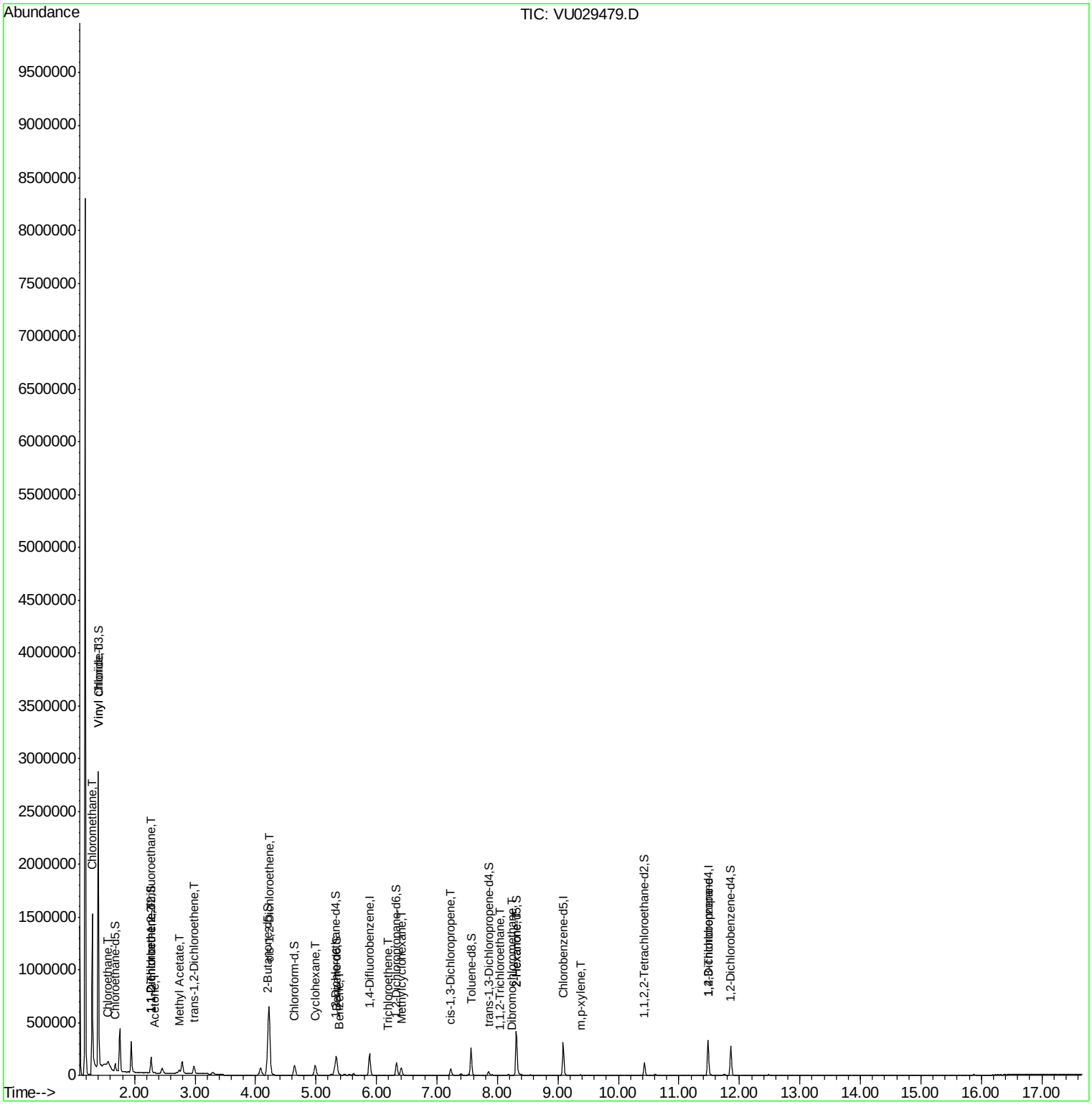
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021419\

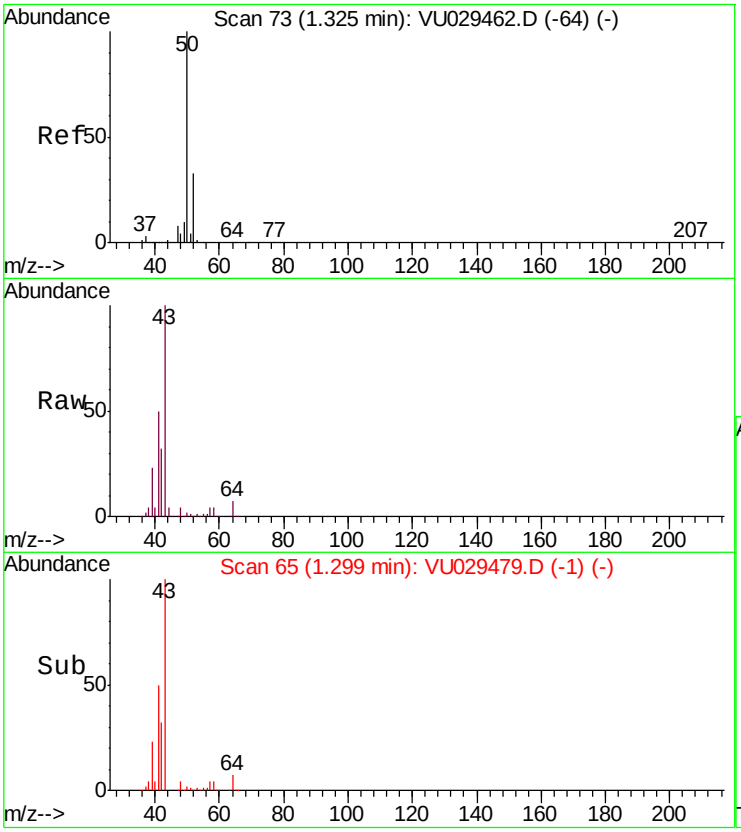
Quantitation Report (Not Reviewed)

Data File : VU029479.D
Acq On : 15 Feb 2019 00:40
Operator : JC/SP
Sample : K1438-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXE0

Quant Time: Feb 15 03:48:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration



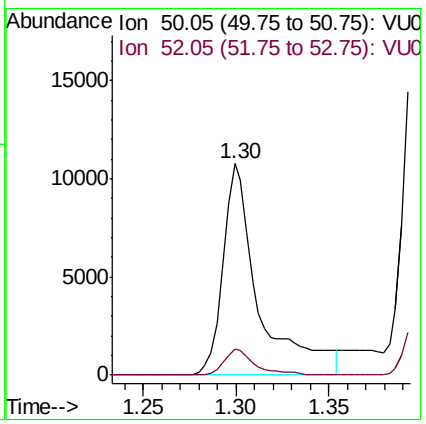


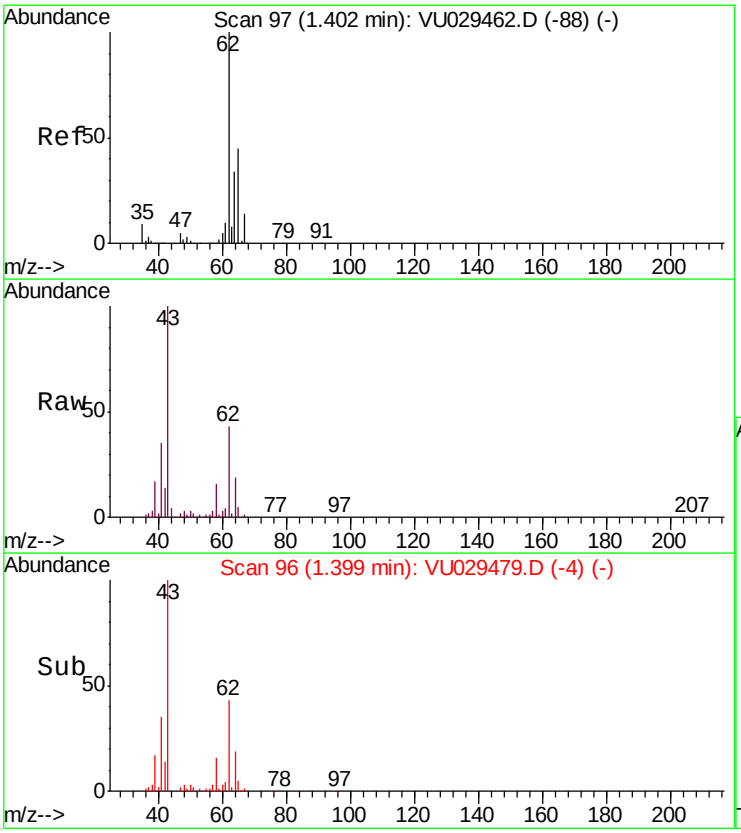
#3
Chloromethane
Concen: 0.917 ug/L
RT: 1.30 min Scan# 65
Delta R.T. -0.03 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
ESXE0

Tgt Ion: 50 Resp: 14477

Ion	Ratio	Lower	Upper
50	100		
52	12.1	23.1	42.9#

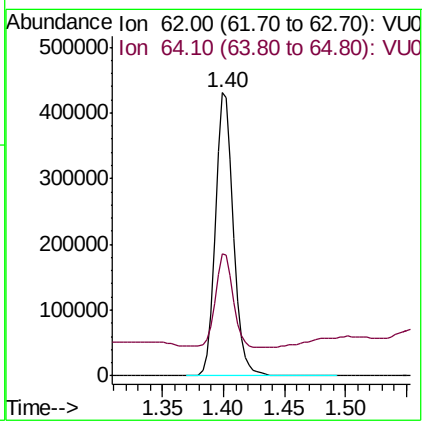


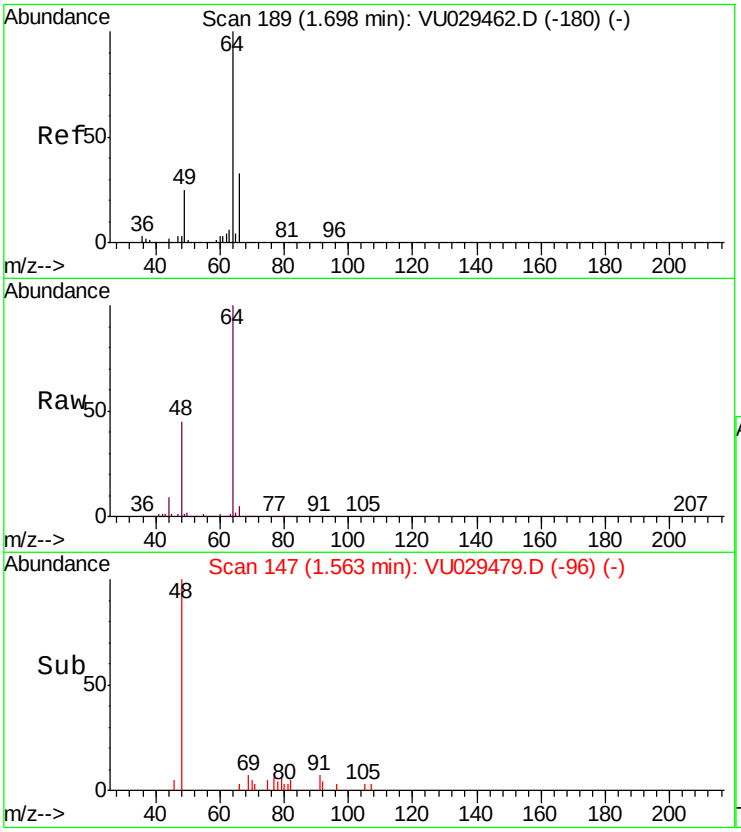


#5
Vinyl chloride
Concen: 24.335 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Tgt Ion: 62 Resp: 447823

Ion	Ratio	Lower	Upper
62	100		
64	43.0	23.5	43.7



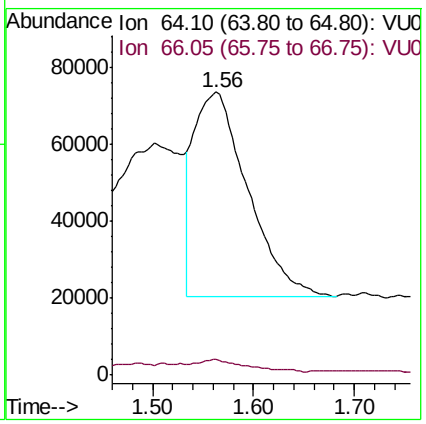


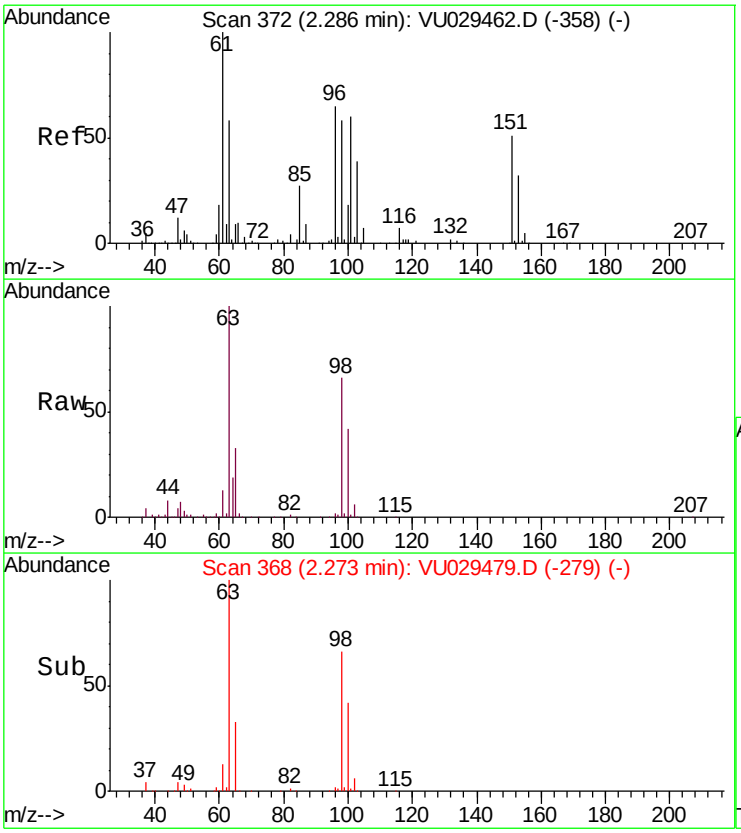
#8
Chloroethane
Concen: 16.335 ug/L
RT: 1.56 min Scan# 147
Delta R.T. -0.13 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
ESXE0

Tgt Ion: 64 Resp: 195735

Ion	Ratio	Lower	Upper
64	100		
66	5.4	22.0	40.8#

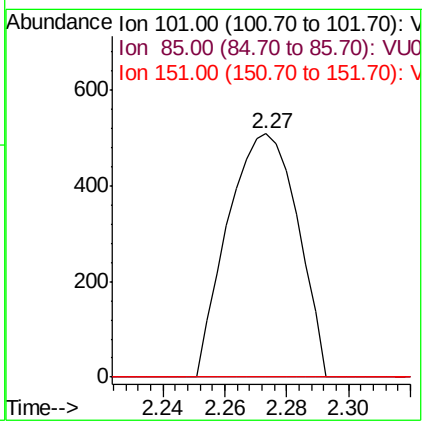


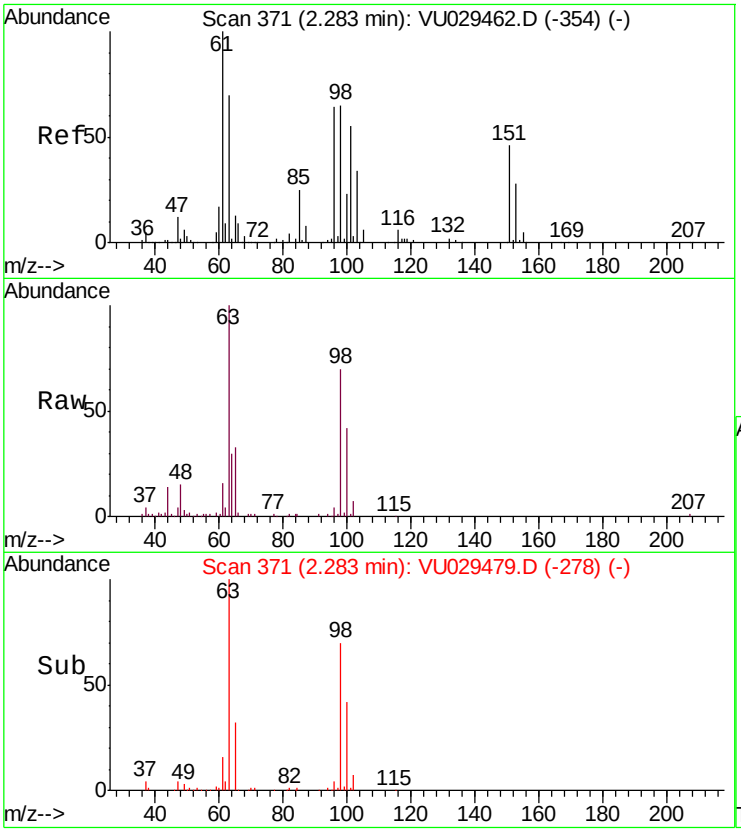


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.048 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Tgt Ion:101 Resp: 801

Ion	Ratio	Lower	Upper
101	100		
85	20.6	35.1	52.7#
151	0.0	67.0	100.6#



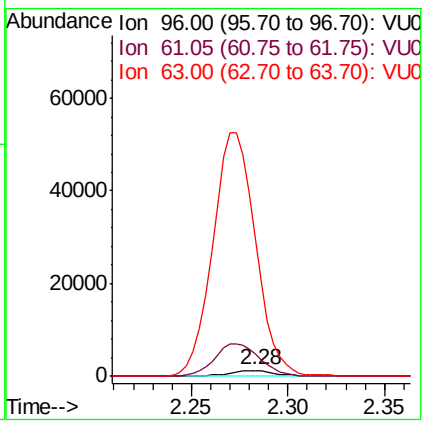


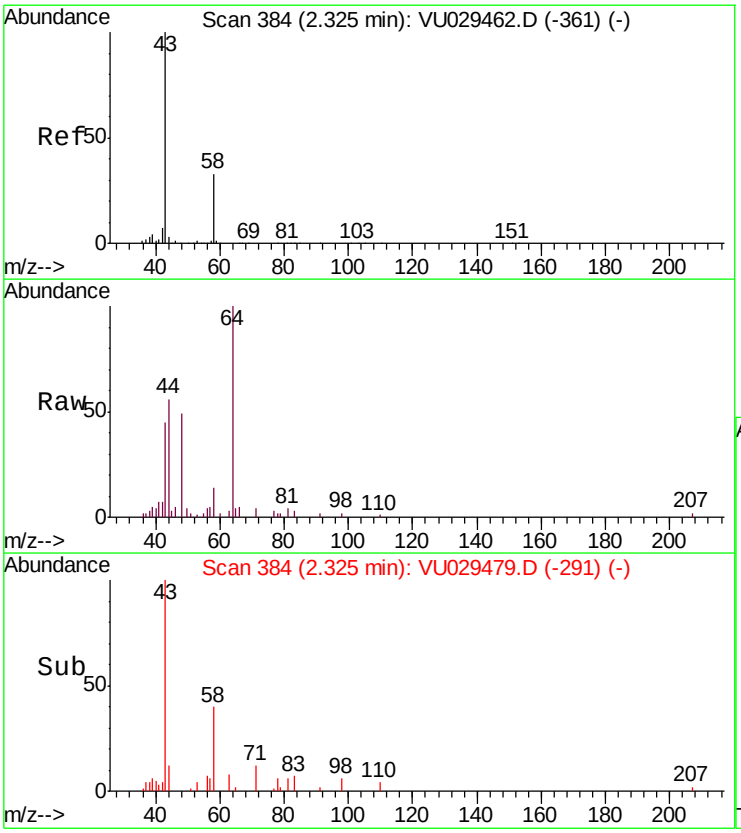
#12
1,1-Dichloroethene
Concen: 0.131 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
ESXE0

Tgt Ion: 96 Resp: 2054

Ion	Ratio	Lower	Upper
96	100		
61	392.7	115.1	213.7#
63	2447.5	83.5	155.1#

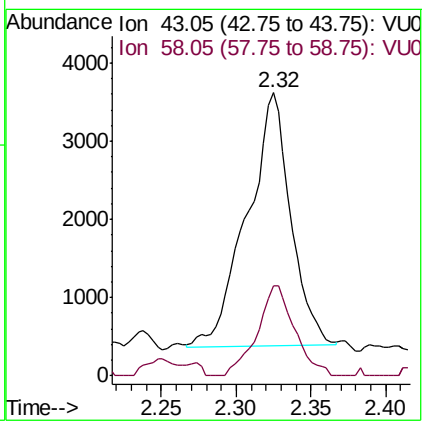


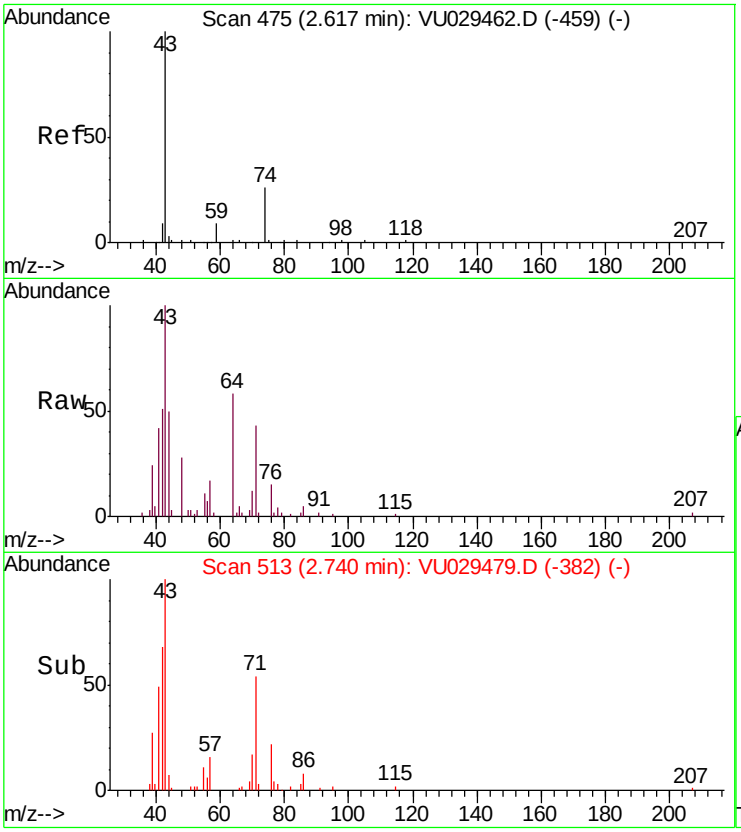


#13
Acetone
Concen: 2.724 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Tgt Ion: 43 Resp: 6605

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	65.0



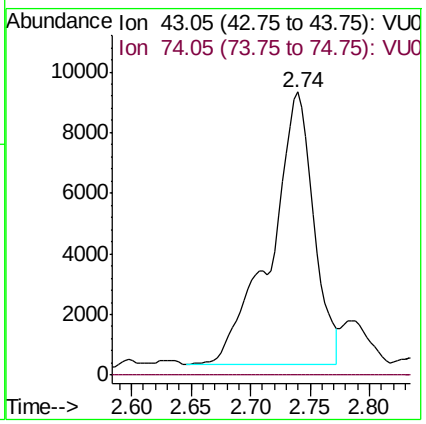


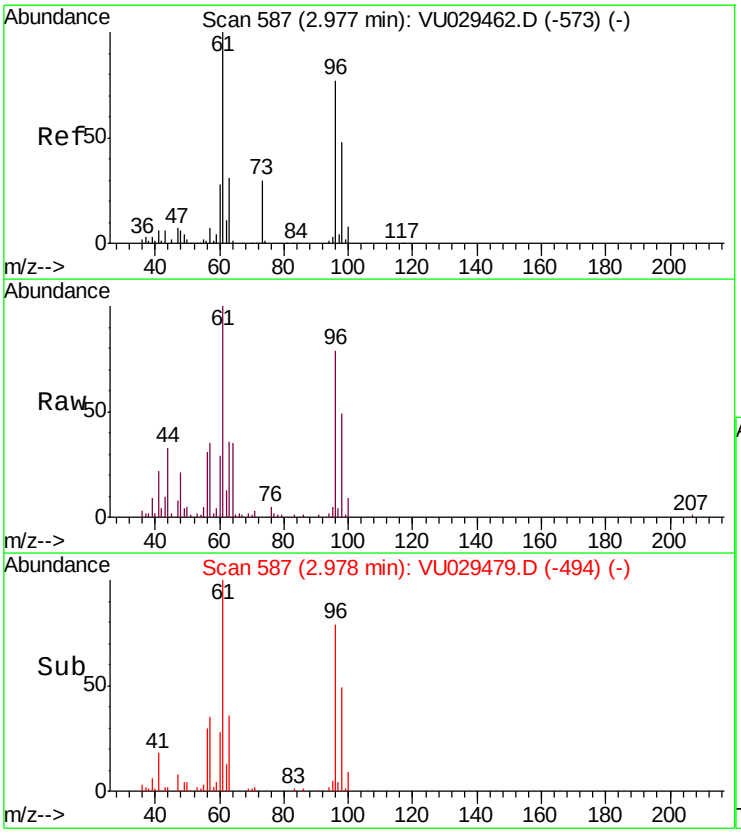
#15
Methyl Acetate
Concen: 3.634 ug/L
RT: 2.74 min Scan# 513
Delta R.T. 0.12 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
ESXE0

Tgt Ion: 43 Resp: 22574

Ion	Ratio	Lower	Upper
43	100		
74	0.0	22.3	33.5#

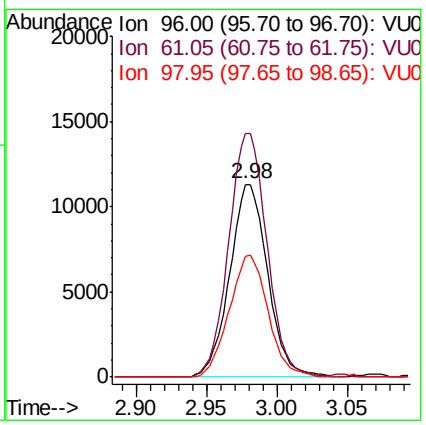


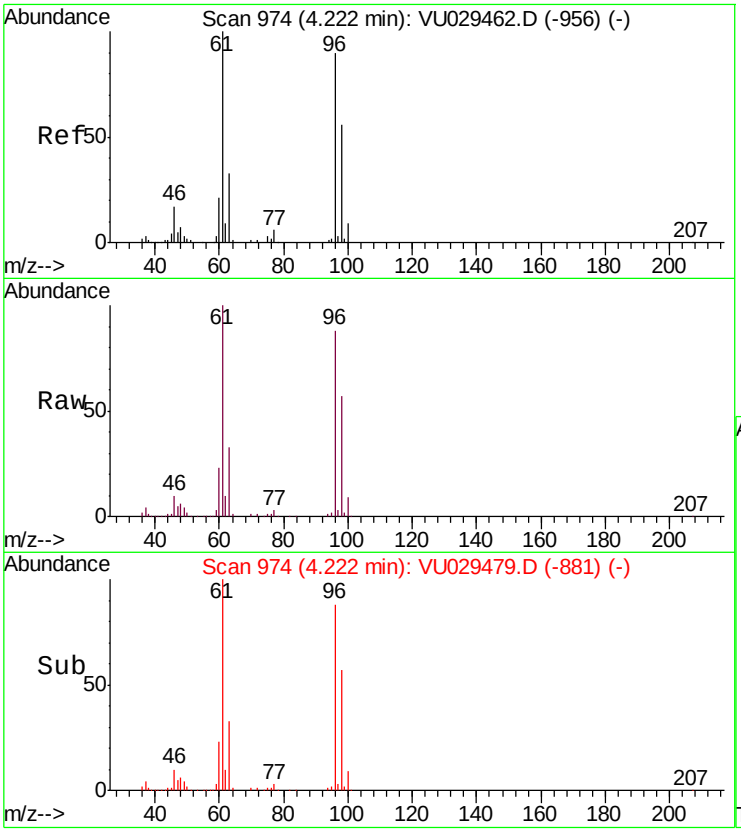


#18
trans-1,2-Dichloroethene
Concen: 1.274 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Tgt Ion: 96 Resp: 21365

Ion	Ratio	Lower	Upper
96	100		
61	126.1	95.4	177.2
98	62.4	45.8	85.2



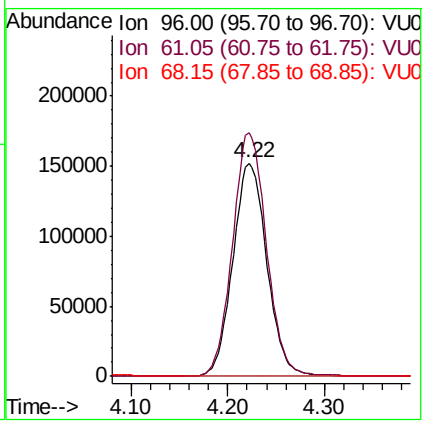


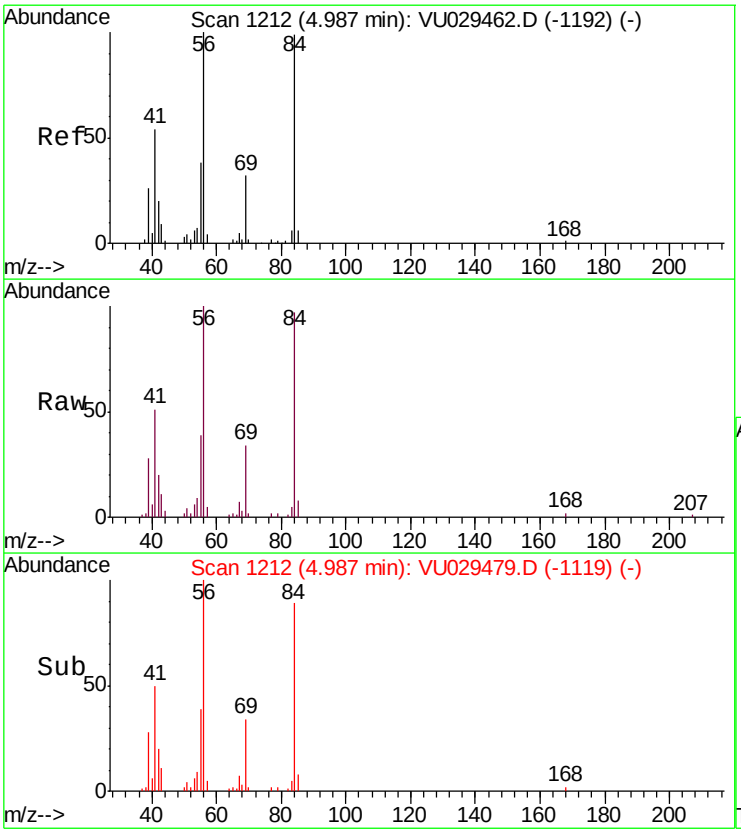
#22
cis-1,2-Dichloroethene
Concen: 24.154 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
ESXE0

Tgt Ion: 96 Resp: 372565

Ion	Ratio	Lower	Upper
96	100		
61	114.2	79.9	148.5
68	0.0	0.0	0.0

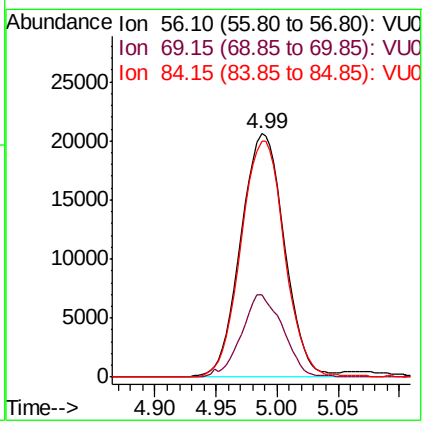


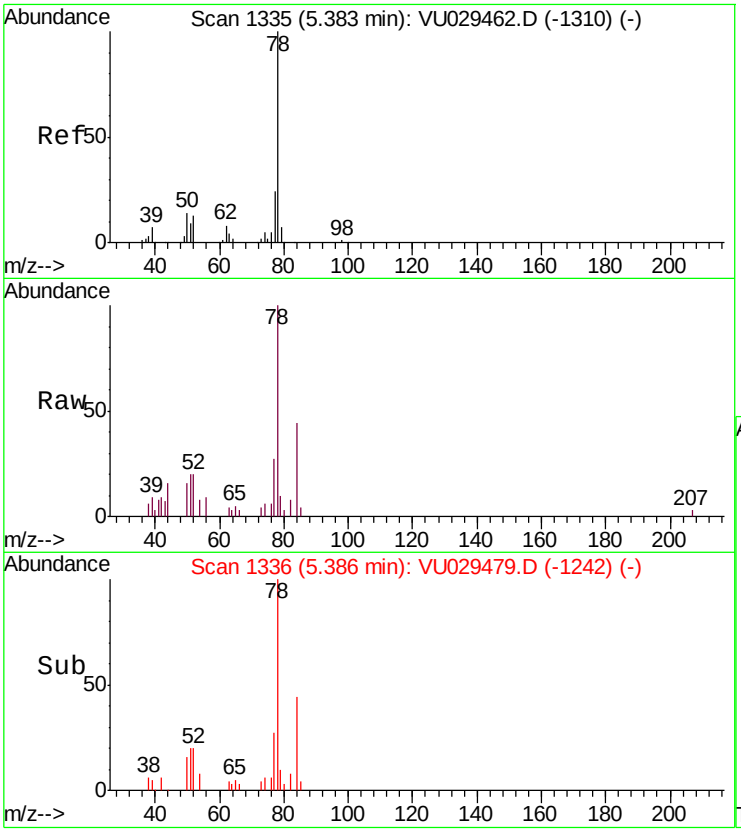


#30
Cyclohexane
Concen: 2.378 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Tgt Ion: 56 Resp: 51130

Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.8	38.6
84	96.7	75.0	112.6

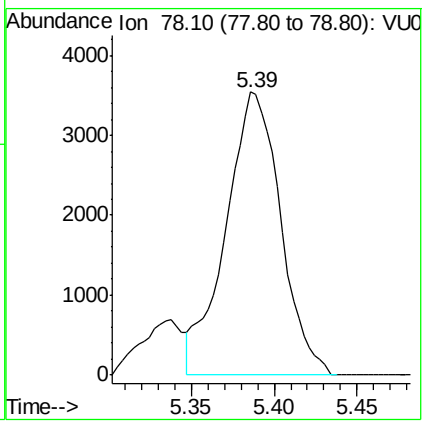


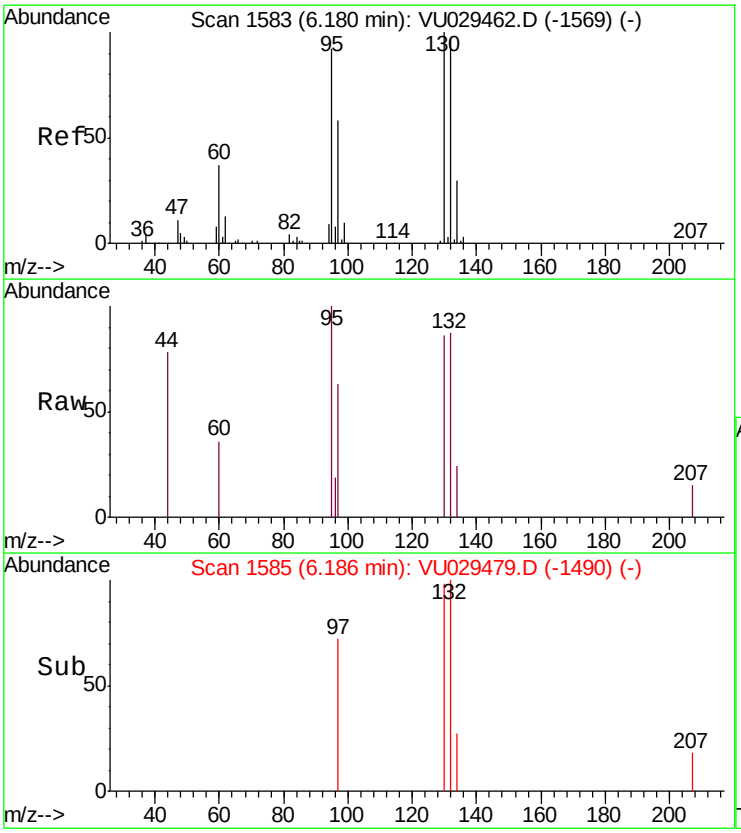


#33
Benzene
Concen: 0.153 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
ESXE0

Tgt Ion: 78 Resp: 8147

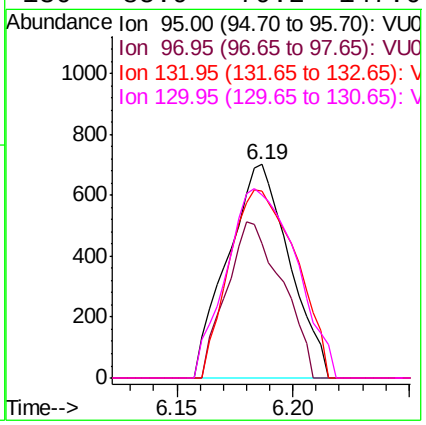


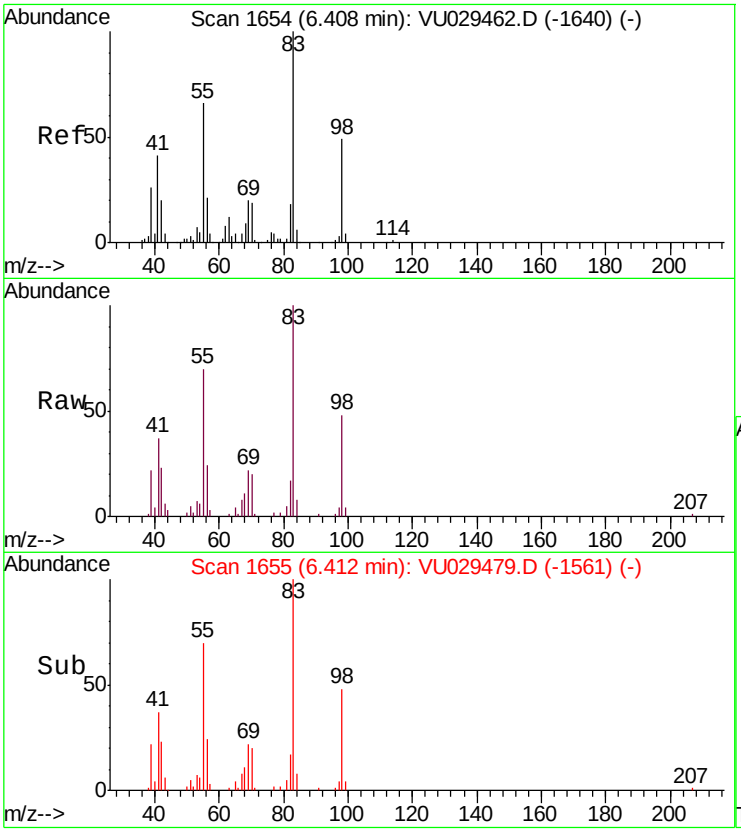


#34
Trichloroethene
Concen: 0.086 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Tgt Ion: 95 Resp: 1292

Ion	Ratio	Lower	Upper
95	100		
97	62.8	46.3	86.1
132	87.3	72.9	135.3
130	85.9	79.2	147.0



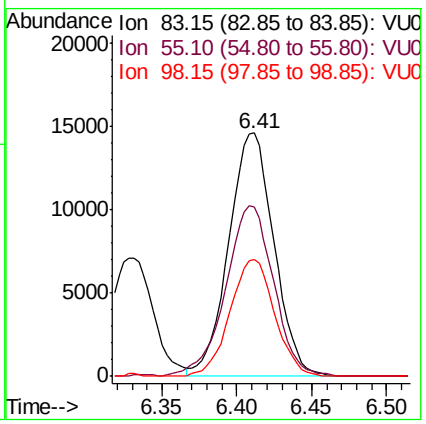


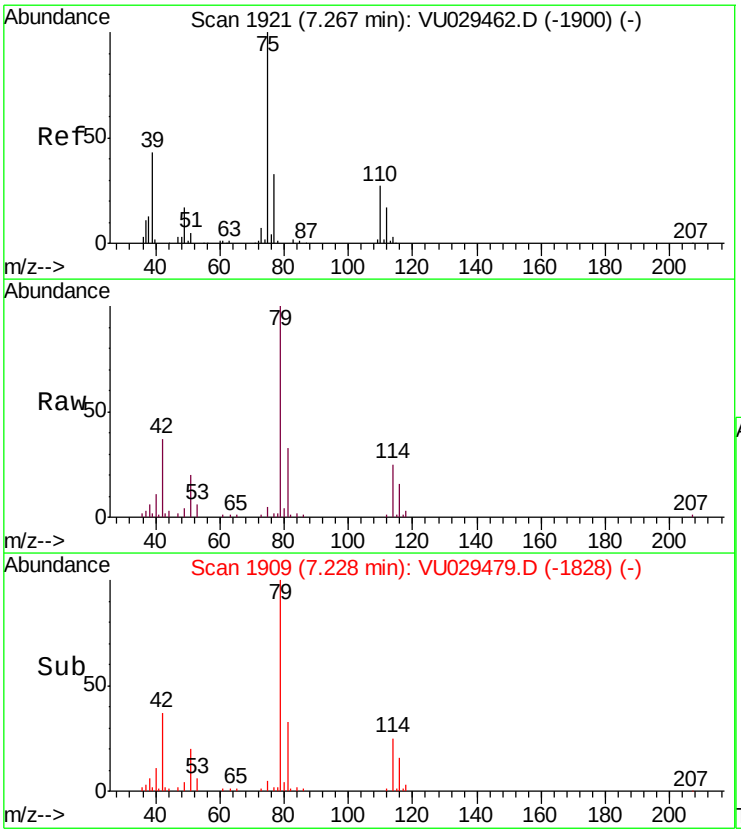
#35
Methylcyclohexane
Concen: 1.220 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument : MSVOA_U
ClientSampleId : ESXE0

Tgt Ion: 83 Resp: 30810

Ion	Ratio	Lower	Upper
83	100		
55	74.1	55.9	83.9
98	47.3	38.6	57.8

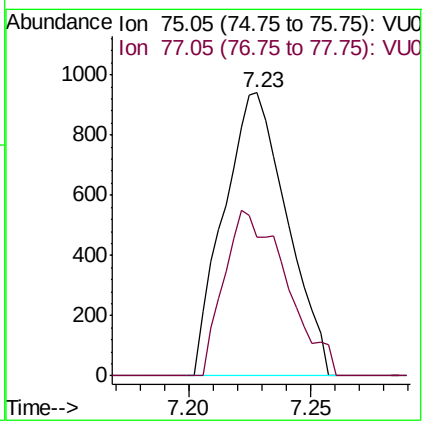


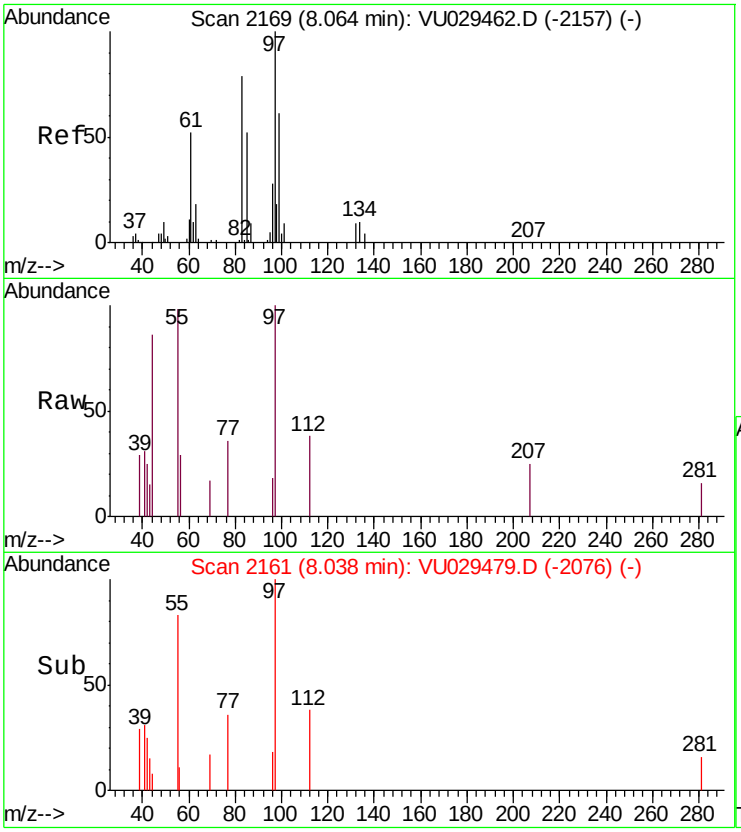


#39
cis-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Tgt Ion: 75 Resp: 1693

Ion	Ratio	Lower	Upper
75	100		
77	49.1	22.3	41.3#



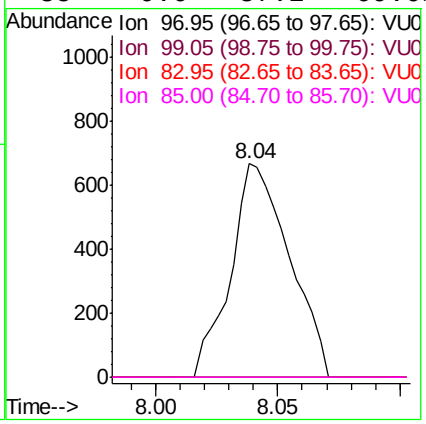


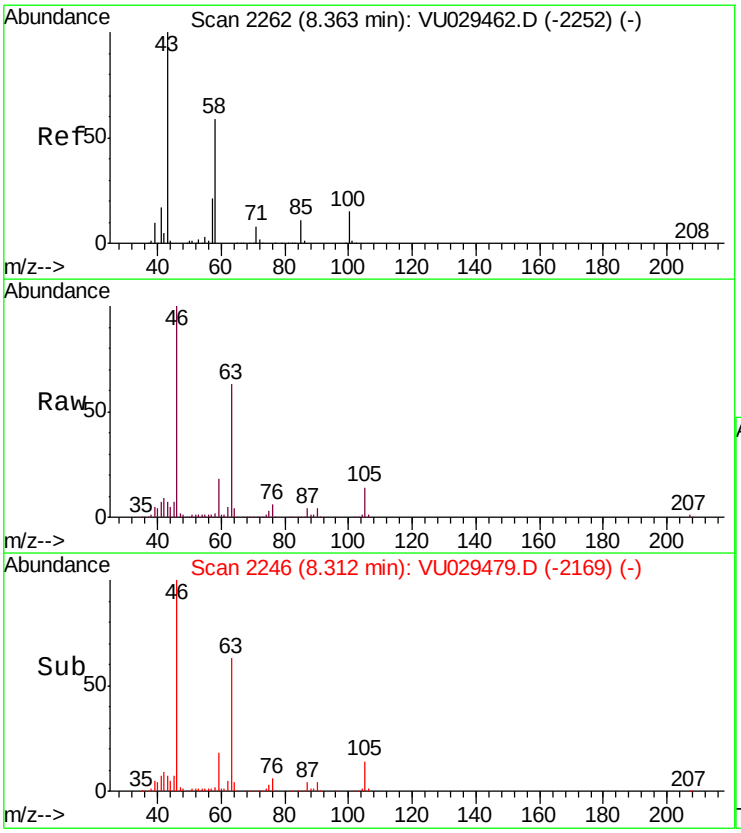
#45
1,1,2-Trichloroethane
Concen: 0.109 ug/L
RT: 8.04 min Scan# 2161
Delta R.T. -0.03 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
ESXE0

Tgt Ion: 97 Resp: 1112

Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.6	77.2#
83	0.0	55.8	103.6#
85	0.0	37.2	69.0#

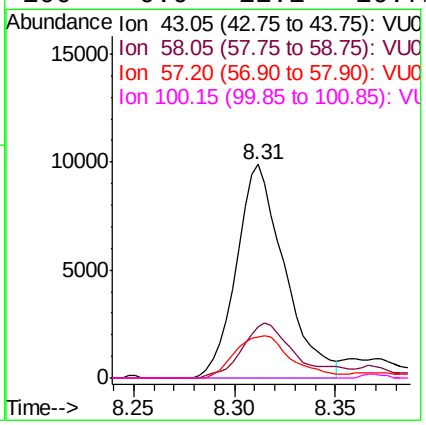


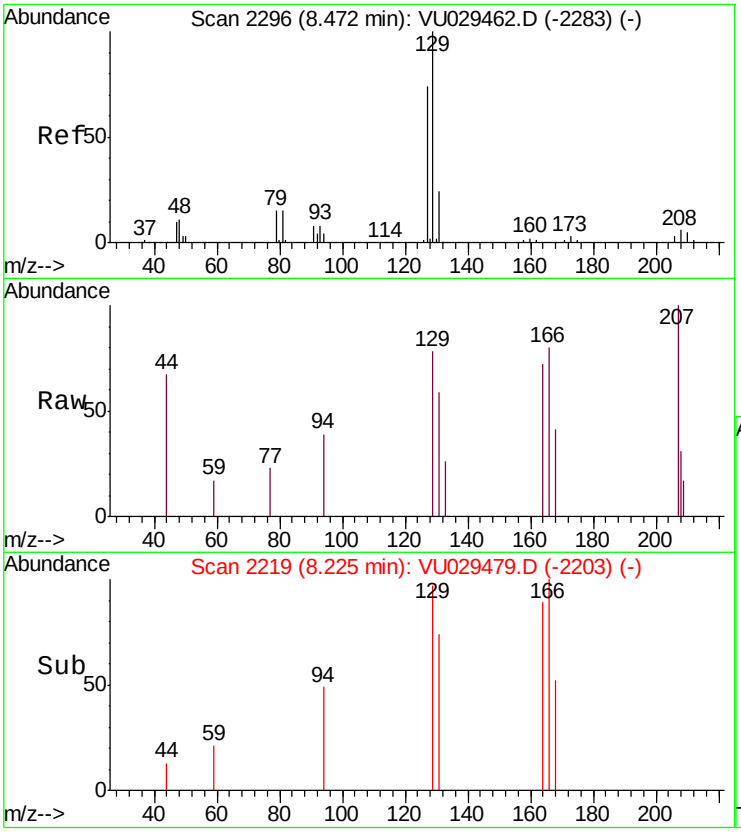


#48
2-Hexanone
Concen: 2.941 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Tgt Ion: 43 Resp: 16525

Ion	Ratio	Lower	Upper
43	100		
58	28.6	45.7	68.5#
57	23.2	16.4	24.6
100	0.0	11.1	16.7#



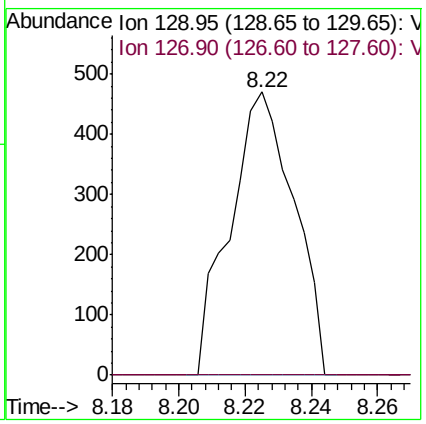


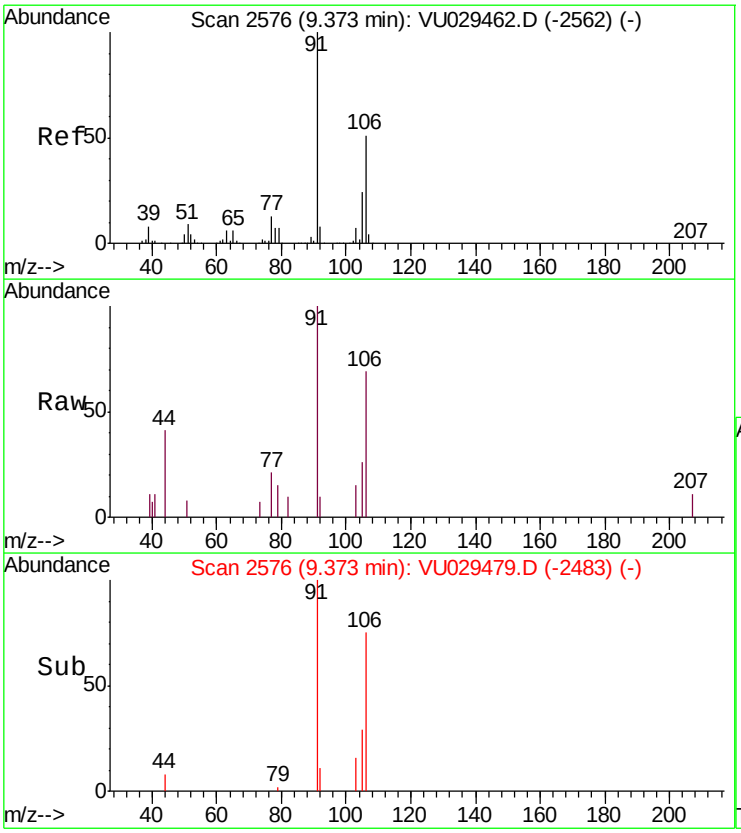
#49
Dibromochloromethane
Concen: 0.046 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
ESXE0

Tgt Ion:129 Resp: 632

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.3	99.1#

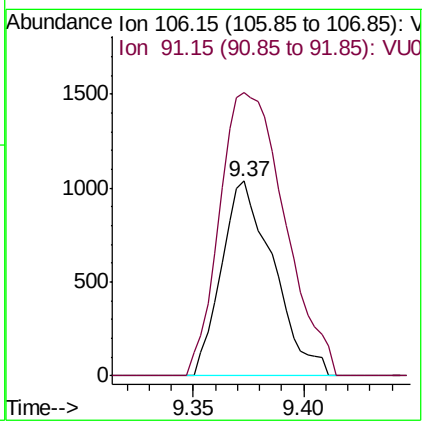


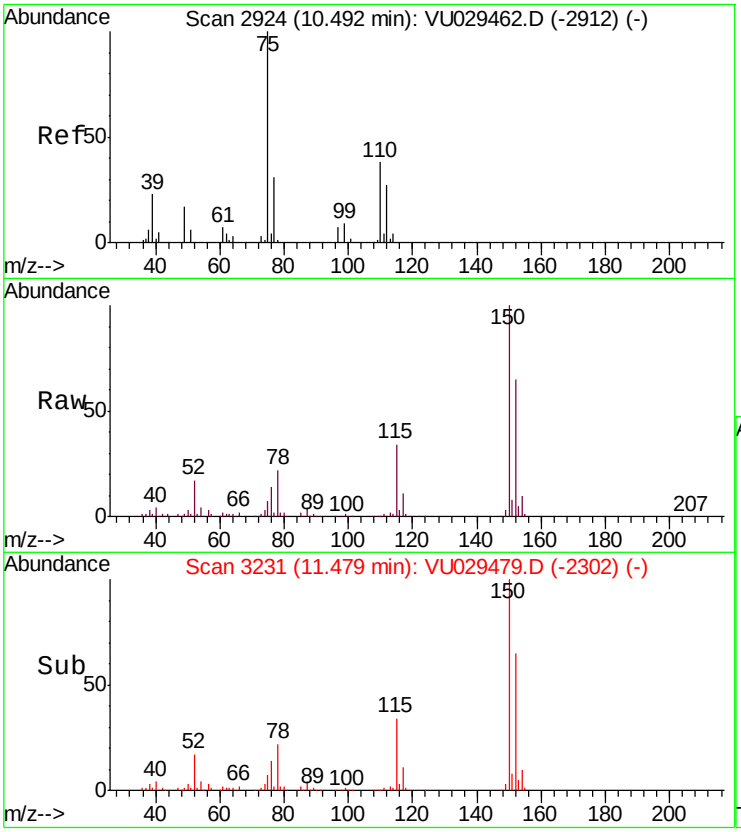


#53
m,p-xylene
Concen: 0.063 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Tgt Ion:106 Resp: 1696

Ion	Ratio	Lower	Upper
106	100		
91	145.3	135.7	251.9





#59
1,2,3-Trichloropropane
Concen: 1.107 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029479.D
Acq: 15 Feb 2019 00:40

Instrument :
MSVOA_U
ClientSampleId :
ESXE0

Tgt Ion: 75 Resp: 9501

Ion	Ratio	Lower	Upper
75	100		
77	36.5	28.2	42.2