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

Quantitation Report (Not Reviewed)

Data File : VU029474.D
Acq On : 14 Feb 2019 22:41
Operator : JC/SP
Sample : K1438-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXD6

Quant Time: Feb 15 01:59:32 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	191697	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	179434	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92295	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	52171	4.05	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.00%				
7) Chloroethane-d5	1.68	69	48785	4.29	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.80%				
11) 1,1-Dichloroethene-d2	2.27	63	83023	2.97	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.40%#				
20) 2-Butanone-d5	4.19	46	141722	52.92	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.84%				
24) Chloroform-d	4.65	84	95741	4.68	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%				
26) 1,2-Dichloroethane-d4	5.31	65	50311	4.61	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%				
32) Benzene-d6	5.34	84	196020	4.54	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%				
36) 1,2-Dichloropropane-d6	6.33	67	59847	4.69	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.80%				
41) Toluene-d8	7.56	98	183456	4.31	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%				
43) trans-1,3-Dichloropropene-	7.85	79	22617	3.97	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.40%				
46) 2-Hexanone-d5	8.31	63	139595	53.24	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.48%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53422	4.82	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.40%				
64) 1,2-Dichlorobenzene-d4	11.86	152	82496	4.85	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1378	0.087	ug/L		85
5) Vinyl chloride	1.40	62	306569	16.606	ug/L		96
8) Chloroethane	1.55	64	103966	8.649	ug/L	#	52
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1259	0.076	ug/L	#	45
12) 1,1-Dichloroethene	2.28	96	4003	0.254	ug/L	#	1
13) Acetone	2.32	43	1139	0.468	ug/L		95
18) trans-1,2-Dichloroethene	2.98	96	19820	1.178	ug/L		99
22) cis-1,2-Dichloroethene	4.22	96	1271873	82.194	ug/L		99
34) Trichloroethene	6.18	95	54241	3.653	ug/L		94
35) Methylcyclohexane	6.33	83	14235	0.570	ug/L	#	21
37) 1,2-Dichloropropane	6.33	63	6603	0.499	ug/L	#	87
39) cis-1,3-Dichloropropene	7.23	75	1290	0.062	ug/L	#	30
45) 1,1,2-Trichloroethane	8.22	97	606	0.060	ug/L	#	1
47) Tetrachloroethene	8.22	164	88567	6.511	ug/L		97
48) 2-Hexanone	8.36	43	1988	0.358	ug/L	#	61
49) Dibromochloromethane	8.22	129	79330	5.809	ug/L	#	11
59) 1,2,3-Trichloropropane	11.48	75	8824	1.040	ug/L		90

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

Quantitation Report (Not Reviewed)

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Operator : JC/SP
Sample : K1438-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ESXD6

Quant Time: Feb 15 01:59:32 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)

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

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

Quantitation Report (Not Reviewed)

Data File : VU029474.D
Acq On : 14 Feb 2019 22:41
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Sample : K1438-13
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Instrument :
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ClientSampleId :
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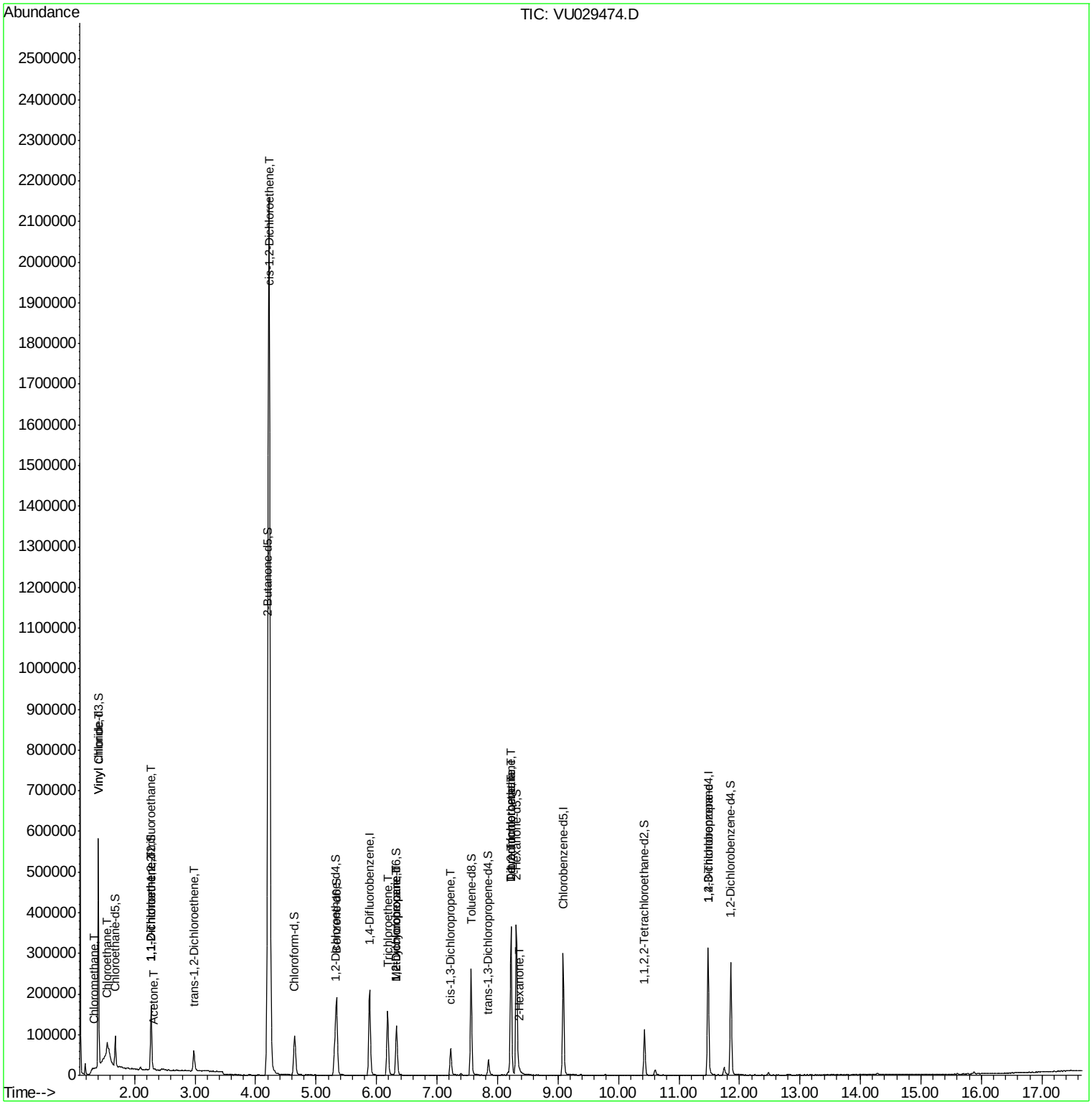
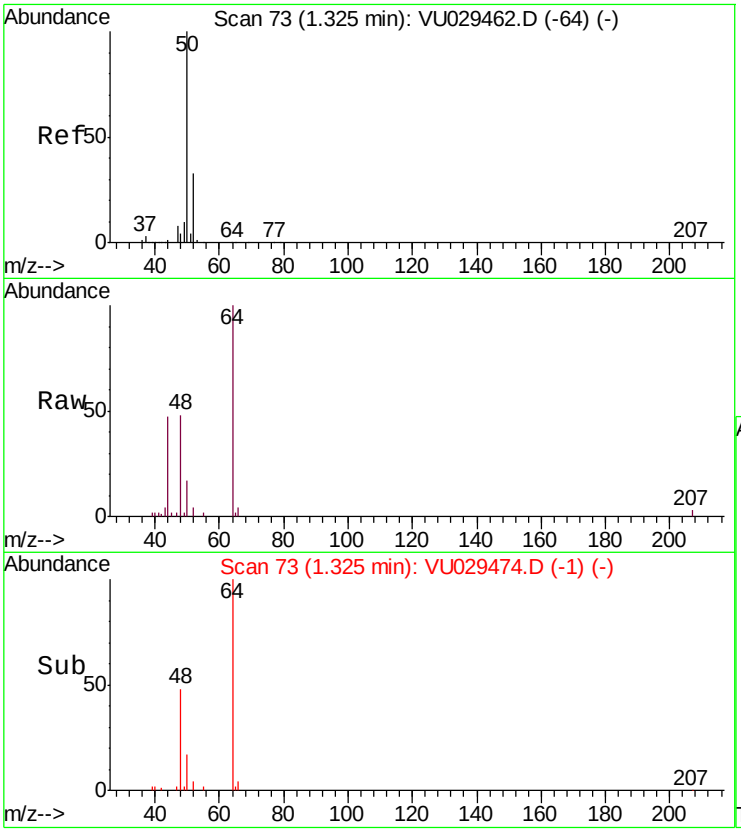
Quant Time: Feb 15 01:59:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration



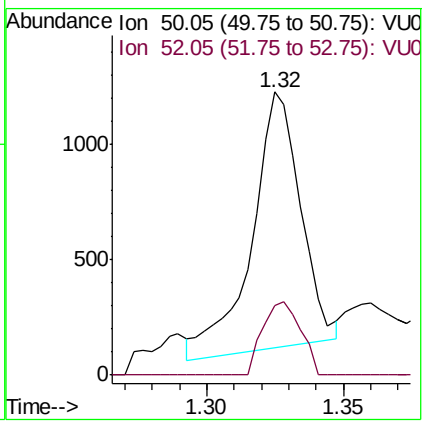


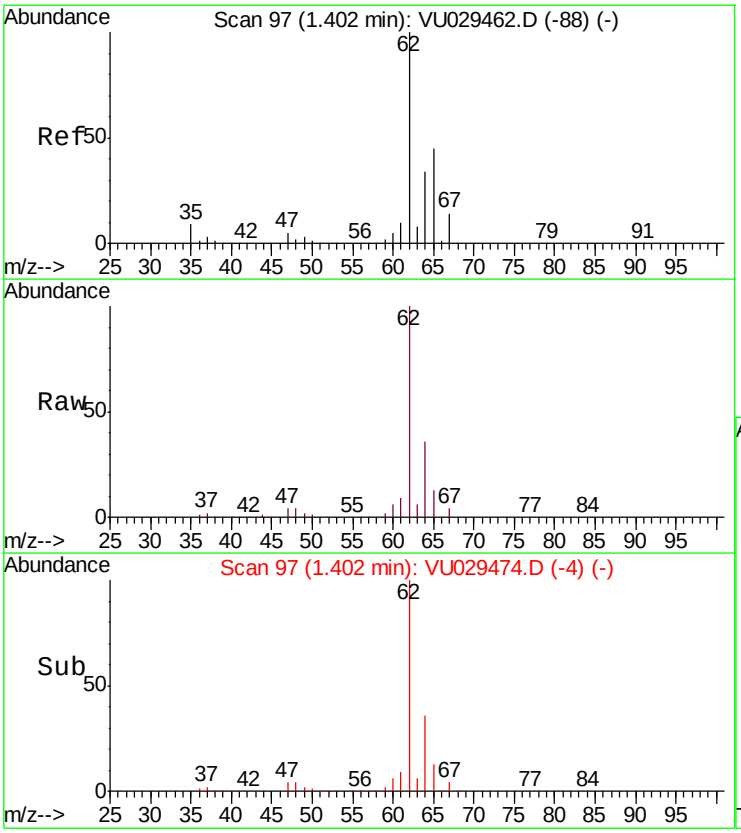
#3
Chloromethane
Concen: 0.087 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Instrument :
MSVOA_U
ClientSampleId :
ESXD6

Tgt Ion: 50 Resp: 1378

Ion	Ratio	Lower	Upper
50	100		
52	24.6	23.1	42.9

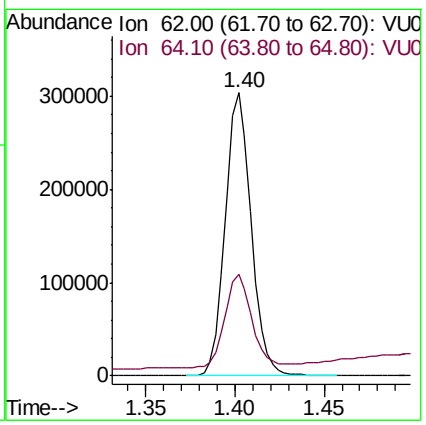


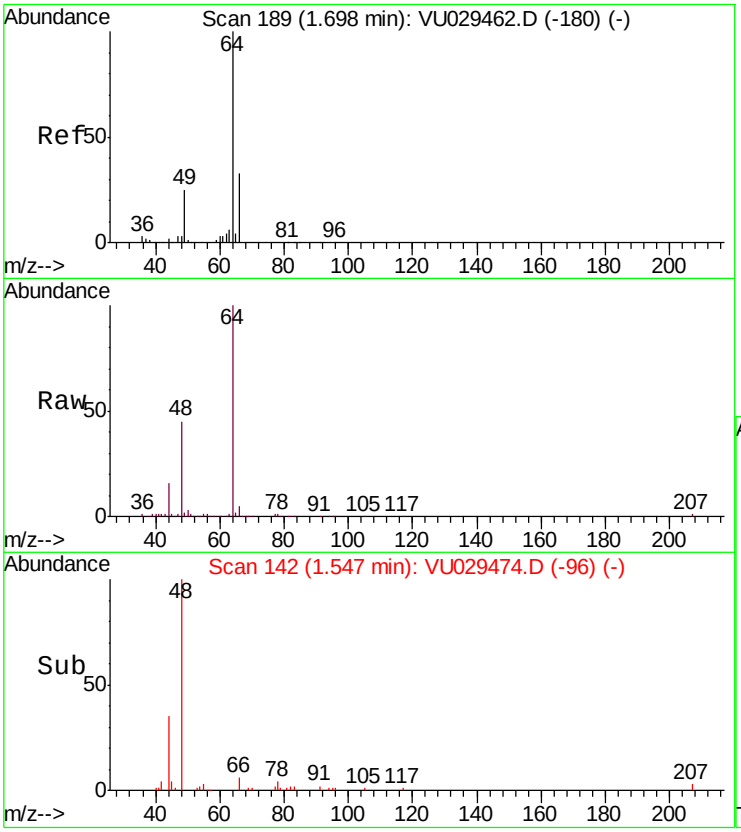


#5
Vinyl chloride
Concen: 16.606 ug/L
RT: 1.40 min Scan# 97
Delta R.T. 0.00 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Tgt Ion: 62 Resp: 306569

Ion	Ratio	Lower	Upper
62	100		
64	35.8	23.5	43.7



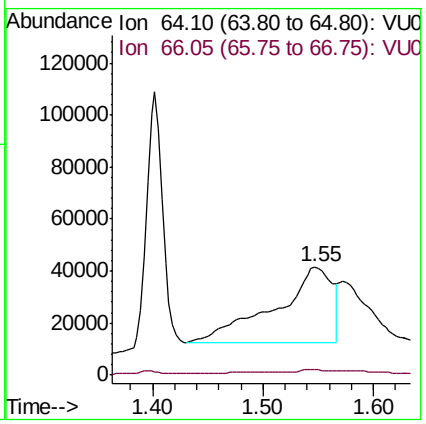


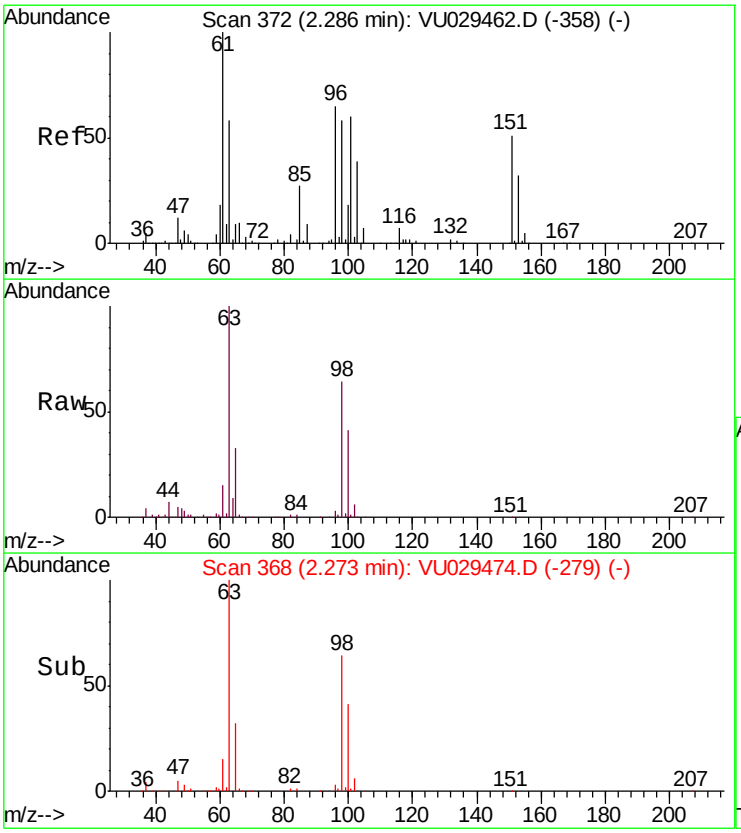
#8
Chloroethane
Concen: 8.649 ug/L
RT: 1.55 min Scan# 142
Delta R.T. -0.15 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Instrument :
MSVOA_U
ClientSampleId :
ESXD6

Tgt Ion: 64 Resp: 103966

Ion	Ratio	Lower	Upper
64	100		
66	5.0	22.0	40.8#

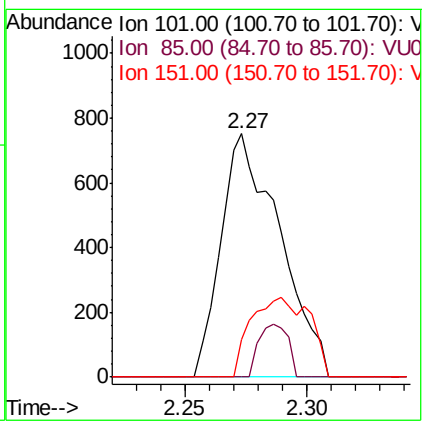


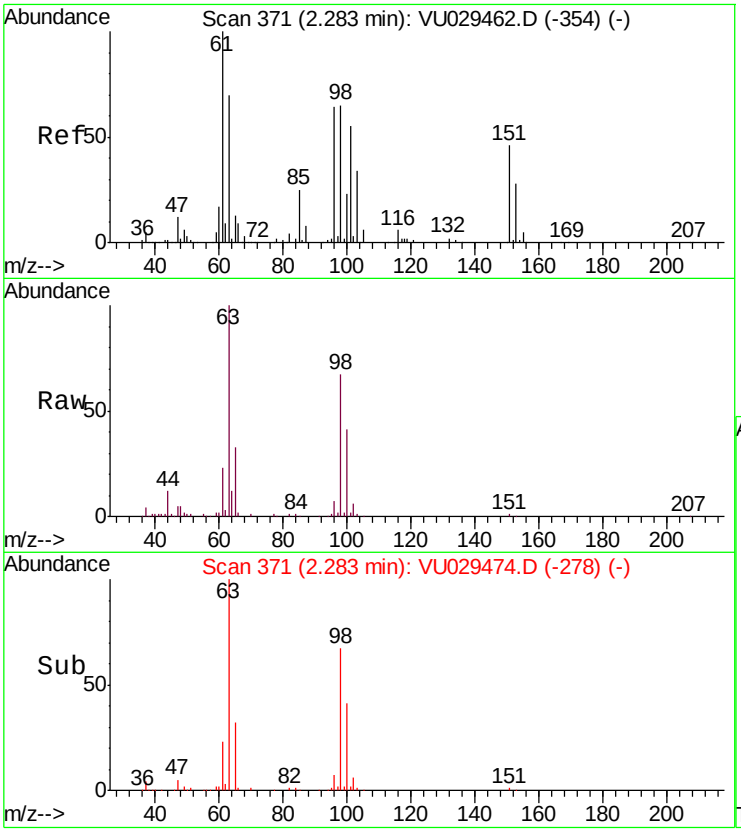


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.076 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Tgt Ion:101 Resp: 1259

Ion	Ratio	Lower	Upper
101	100		
85	10.6	35.1	52.7#
151	32.2	67.0	100.6#



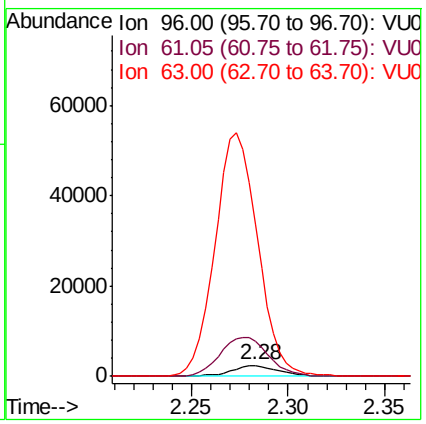


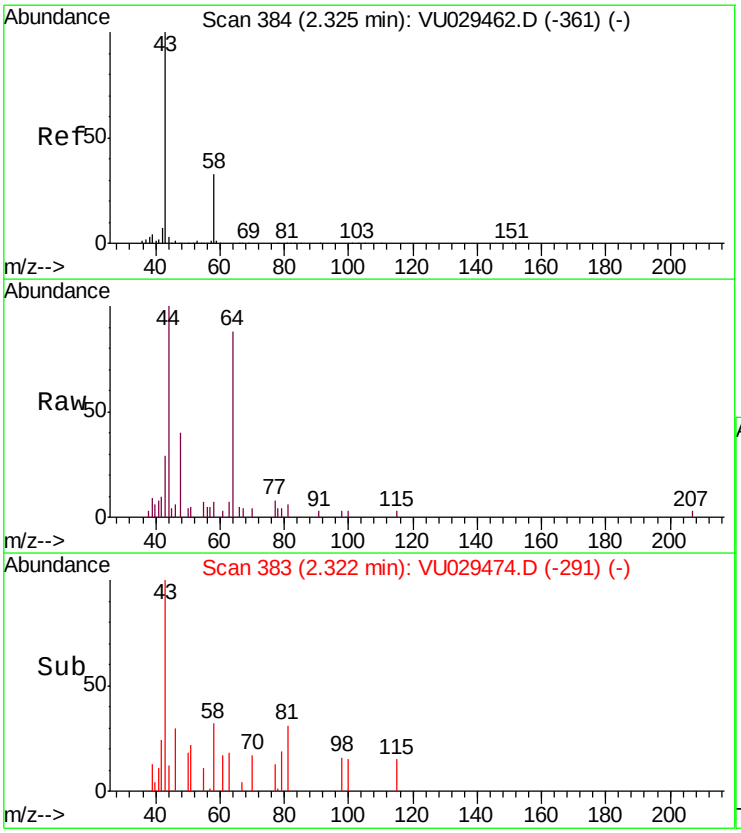
#12
1,1-Dichloroethene
Concen: 0.254 ug/L
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Instrument :
MSVOA_U
ClientSampleId :
ESXD6

Tgt Ion: 96 Resp: 4003

Ion	Ratio	Lower	Upper
96	100		
61	331.0	115.1	213.7#
63	1422.1	83.5	155.1#

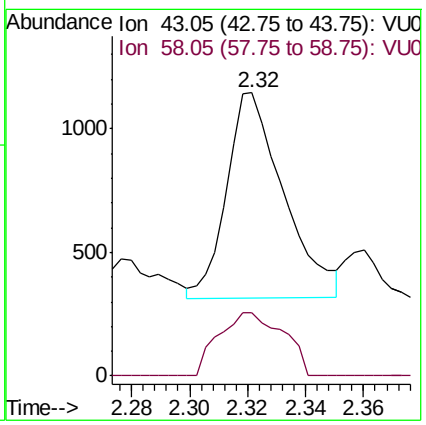


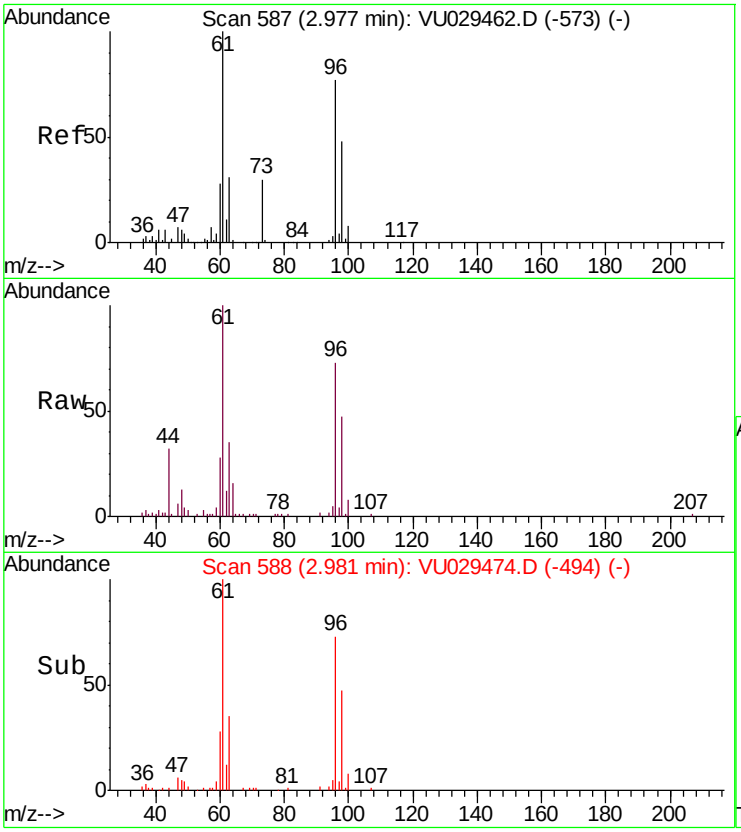


#13
Acetone
Concen: 0.468 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Tgt Ion: 43 Resp: 1139

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	65.0



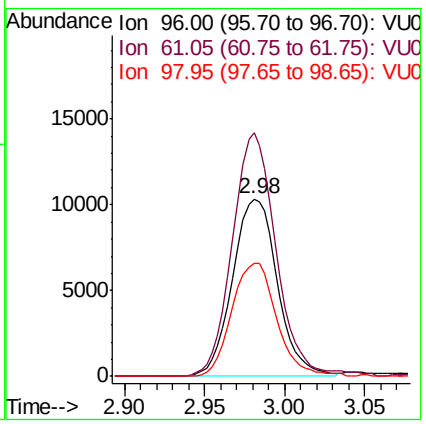


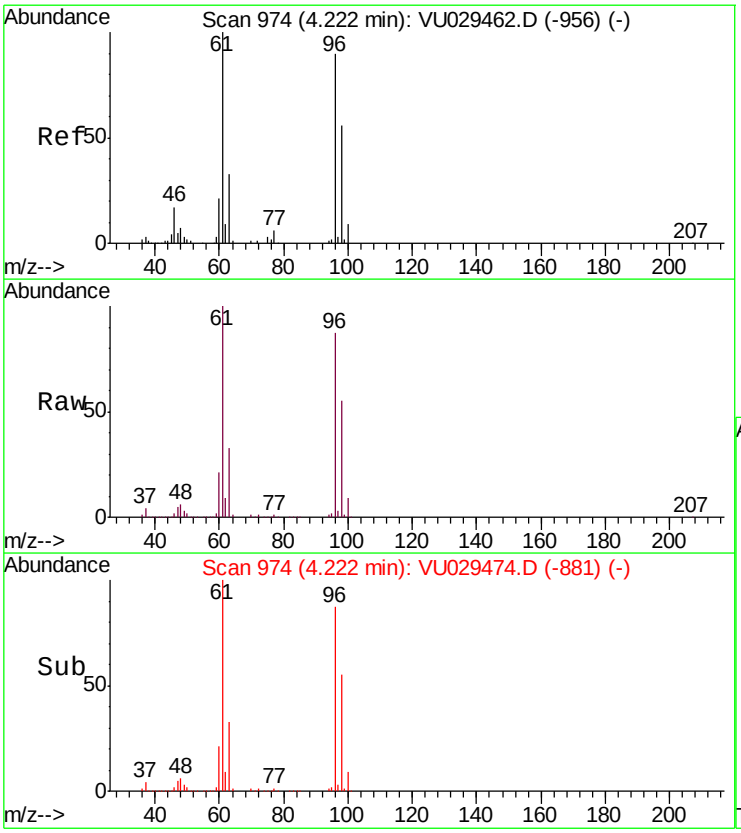
#18
trans-1,2-Dichloroethene
Concen: 1.178 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Instrument :
MSVOA_U
ClientSampleId :
ESXD6

Tgt Ion: 96 Resp: 19820

Ion	Ratio	Lower	Upper
96	100		
61	137.5	95.4	177.2
98	64.1	45.8	85.2

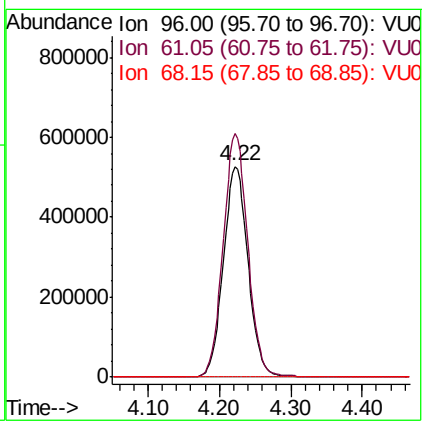


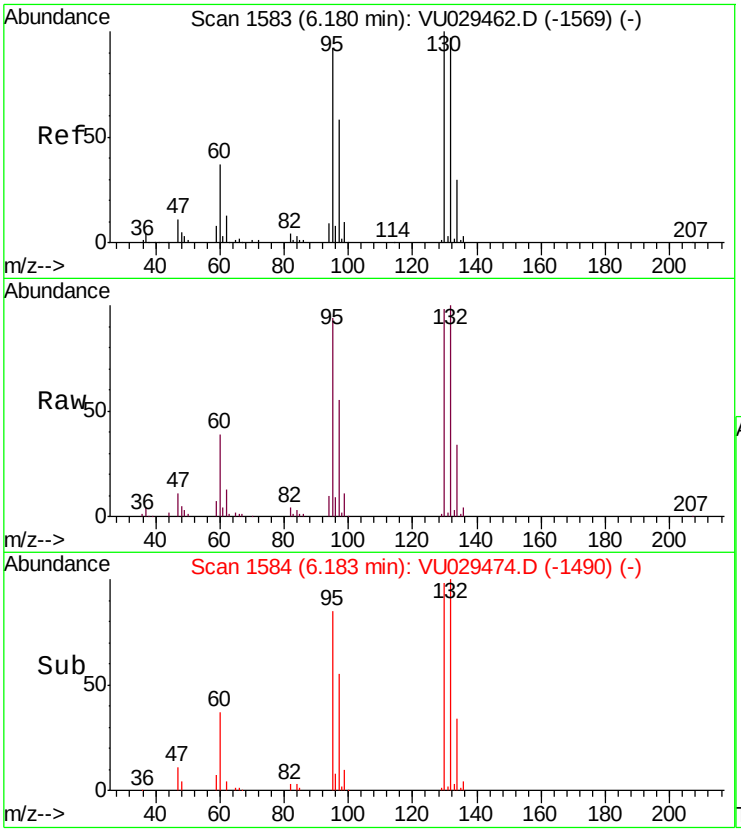


#22
cis-1,2-Dichloroethene
Concen: 82.194 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Tgt Ion: 96 Resp: 1271873

Ion	Ratio	Lower	Upper
96	100		
61	115.4	79.9	148.5
68	0.0	0.0	0.0



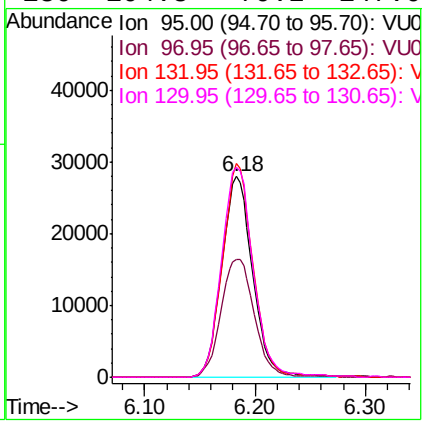


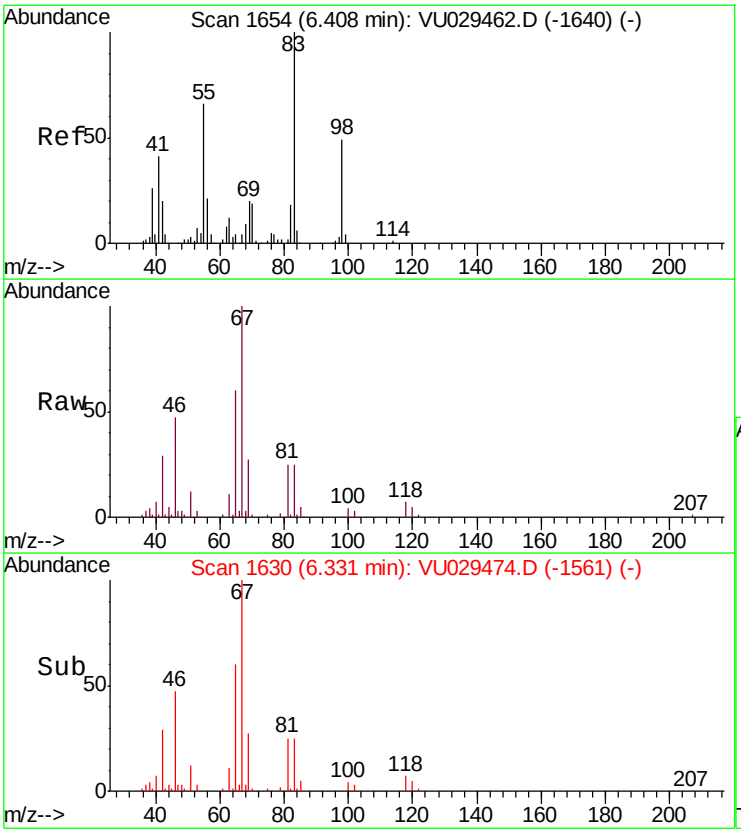
#34
Trichloroethene
Concen: 3.653 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Instrument :
MSVOA_U
ClientSampleId :
ESXD6

Tgt Ion: 95 Resp: 54241

Ion	Ratio	Lower	Upper
95	100		
97	59.0	46.3	86.1
132	106.5	72.9	135.3
130	104.8	79.2	147.0

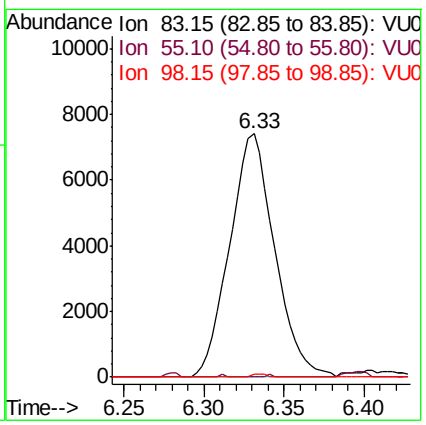


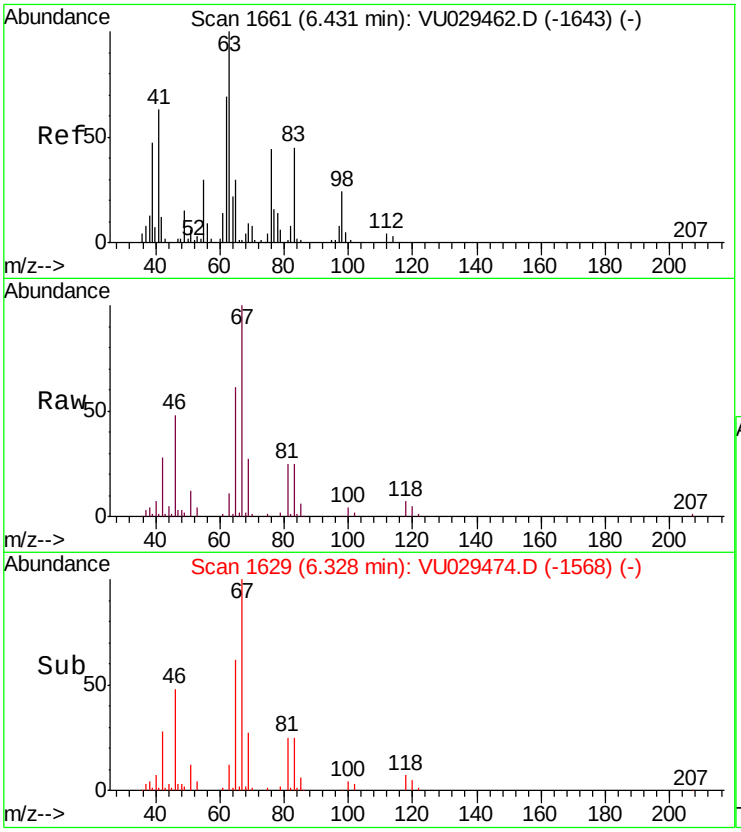


#35
Methylcyclohexane
Concen: 0.570 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Tgt Ion: 83 Resp: 14235

Ion	Ratio	Lower	Upper
83	100		
55	0.1	55.9	83.9#
98	0.4	38.6	57.8#



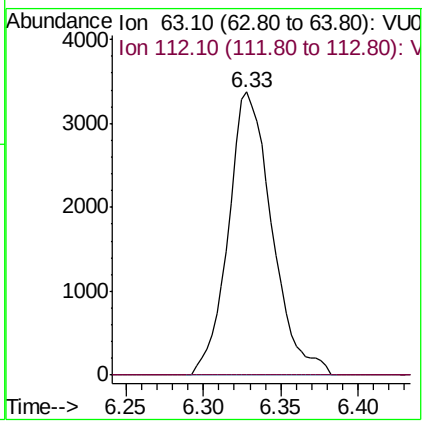


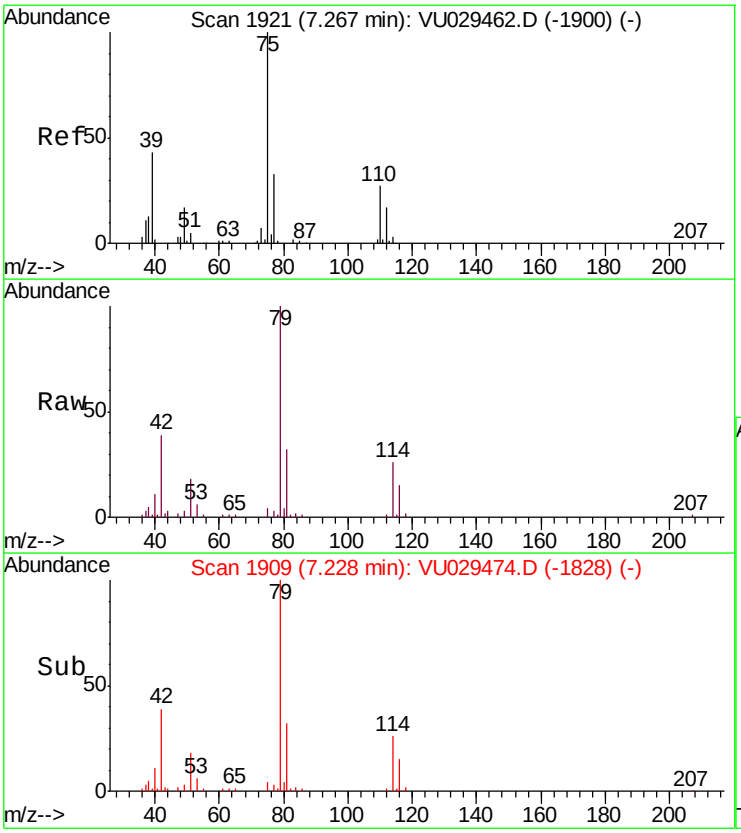
#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Instrument :
MSVOA_U
ClientSampleId :
ESXD6

Tgt Ion: 63 Resp: 6603

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

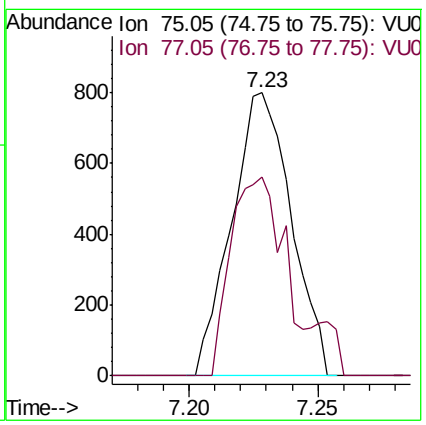


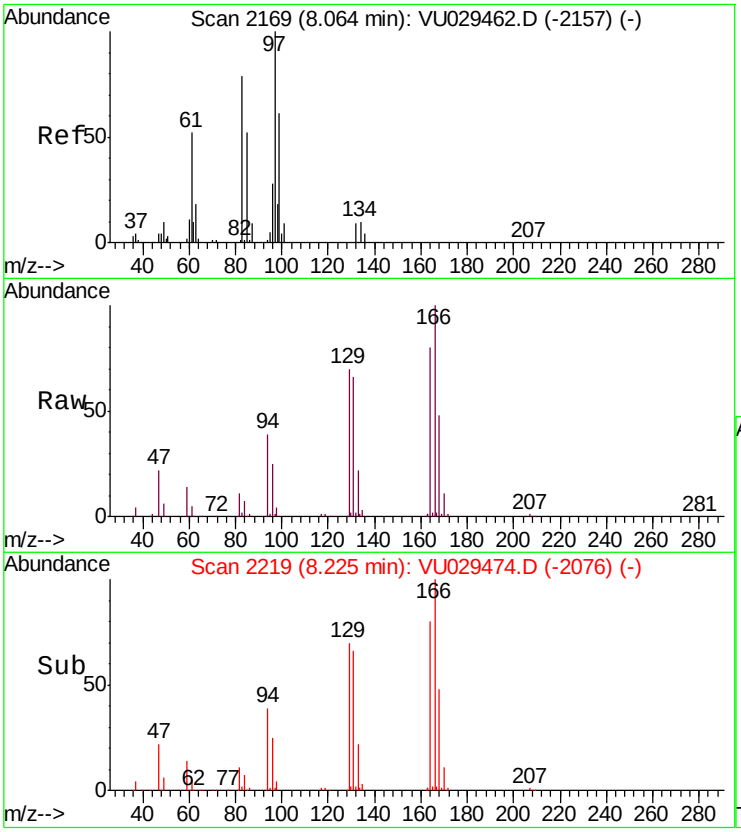


#39
cis-1,3-Dichloropropene
Concen: 0.062 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Tgt Ion: 75 Resp: 1290

Ion	Ratio	Lower	Upper
75	100		
77	70.5	22.3	41.3#



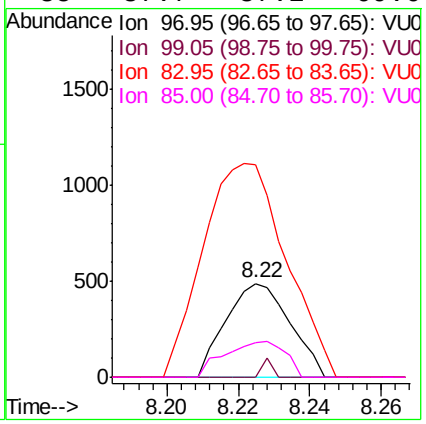


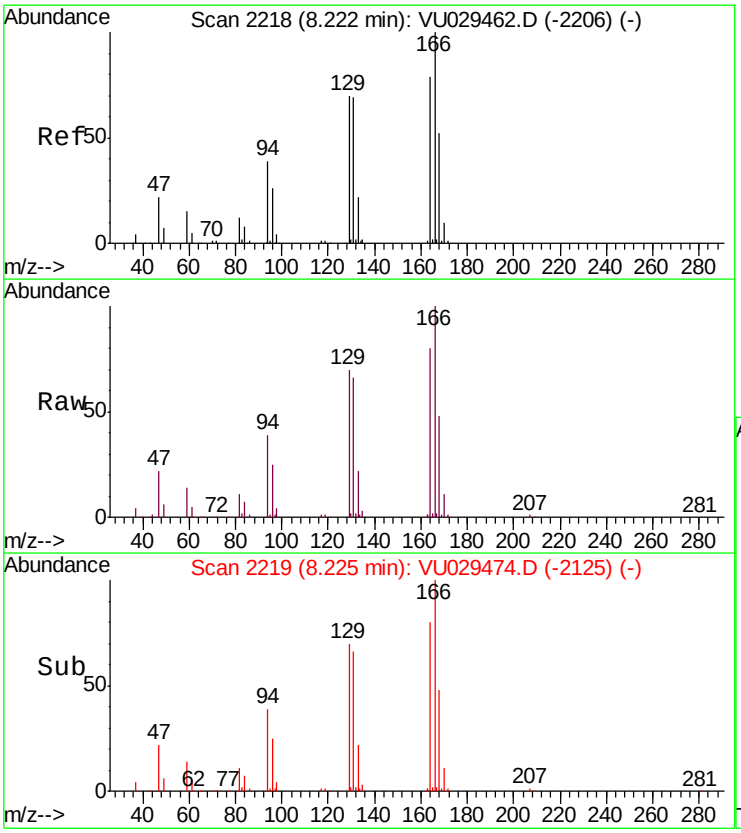
#45
1,1,2-Trichloroethane
Concen: 0.060 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.16 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Instrument : MSVOA_U
ClientSampleId : ESXD6

Tgt Ion: 97 Resp: 606

Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.6	77.2#
83	227.0	55.8	103.6#
85	37.7	37.2	69.0





#47
Tetrachloroethene
Concen: 6.511 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029474.D
Acq: 14 Feb 2019 22:41

Tgt Ion:164 Resp: 88567

Ion	Ratio	Lower	Upper
164	100		
129	87.6	62.9	116.9
131	83.0	62.1	115.3
166	125.6	89.8	166.8