Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060319\
Data File : VU032414.D
Acq On : 03 Jun 2019 23:54
Operator : JC/SP
Sample : K3081-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALD8

Quant Time: Jun 04 09:00:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 08:55:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	105000	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	98489	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46027	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	41835	4.25	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.00%			
7) Chloroethane-d5	1.67	69	36181	3.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.60%			
11) 1,1-Dichloroethene-d2	2.27	63	69542	3.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.40%			
20) 2-Butanone-d5	4.18	46	117588	51.27	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.54%			
24) Chloroform-d	4.64	84	67918	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.30	65	41599	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.33	84	137716	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.80%			
36) 1,2-Dichloropropane-d6	6.32	67	44776	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.56	98	129229	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloropropene-	7.85	79	19068	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.31	63	99015	52.53	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.06%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	37029	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	11.85	152	44842	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	2706	0.138	ug/L #	55
12) 1,1-Dichloroethene	2.28	96	2336	0.162	ug/L #	1
13) Acetone	2.32	43	7611	1.986	ug/L	96
18) trans-1,2-Dichloroethene	2.97	96	1337	0.084	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	29852	1.927	ug/L	97
34) Trichloroethene	6.18	95	403507	25.870	ug/L	98
35) Methylcyclohexane	6.32	83	10353	0.398	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	5007	0.320	ug/L #	90
42) Toluene	7.64	91	6045	0.098	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	6319	0.621	ug/L	89

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

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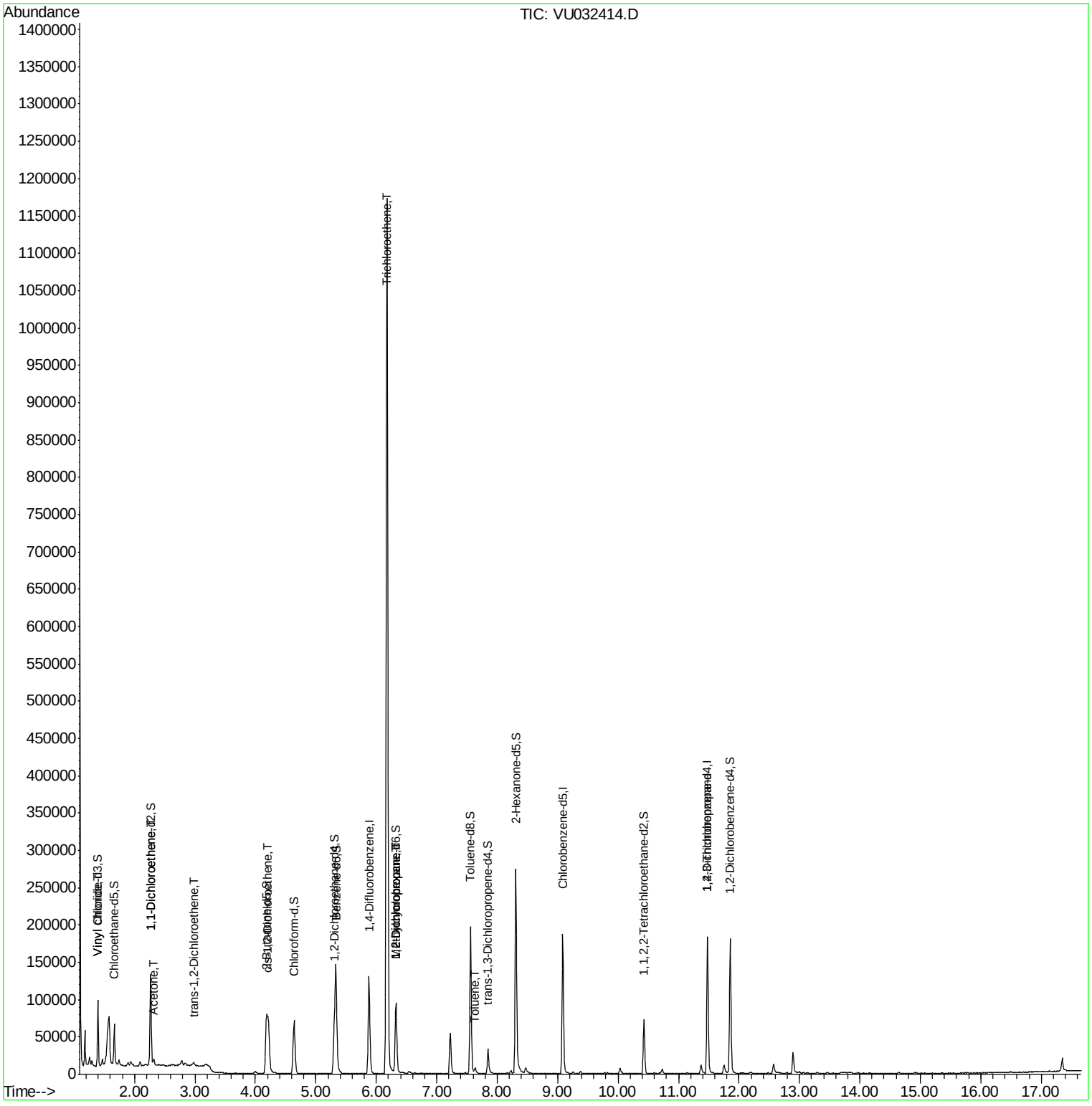
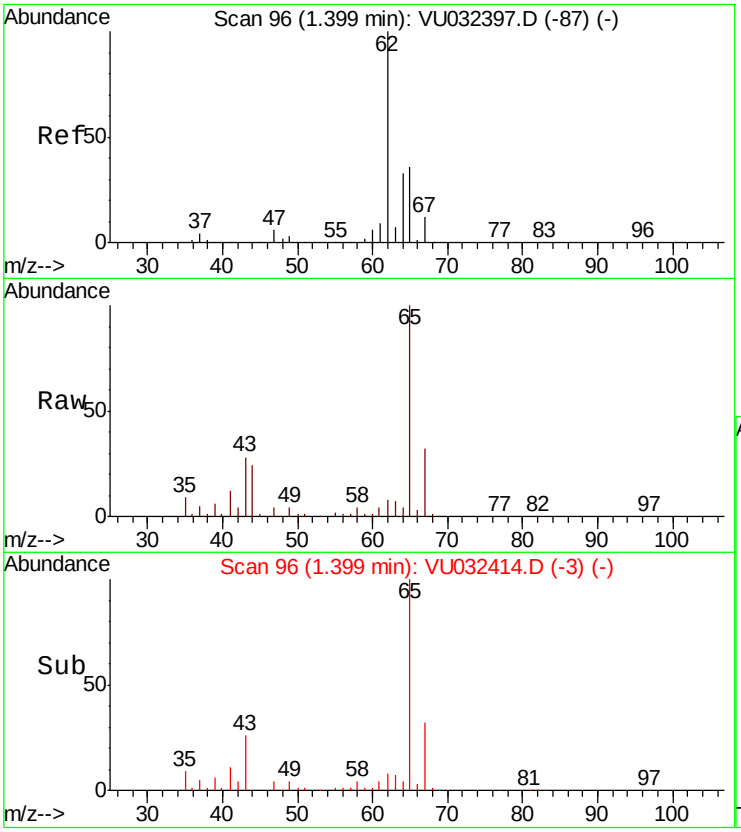


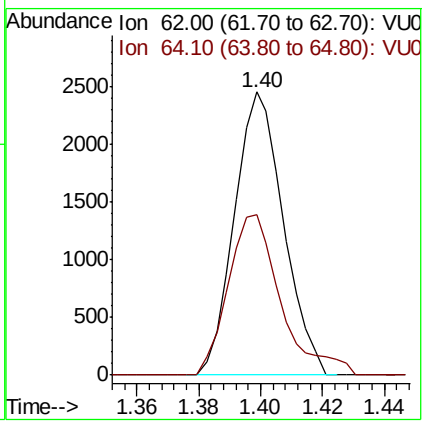


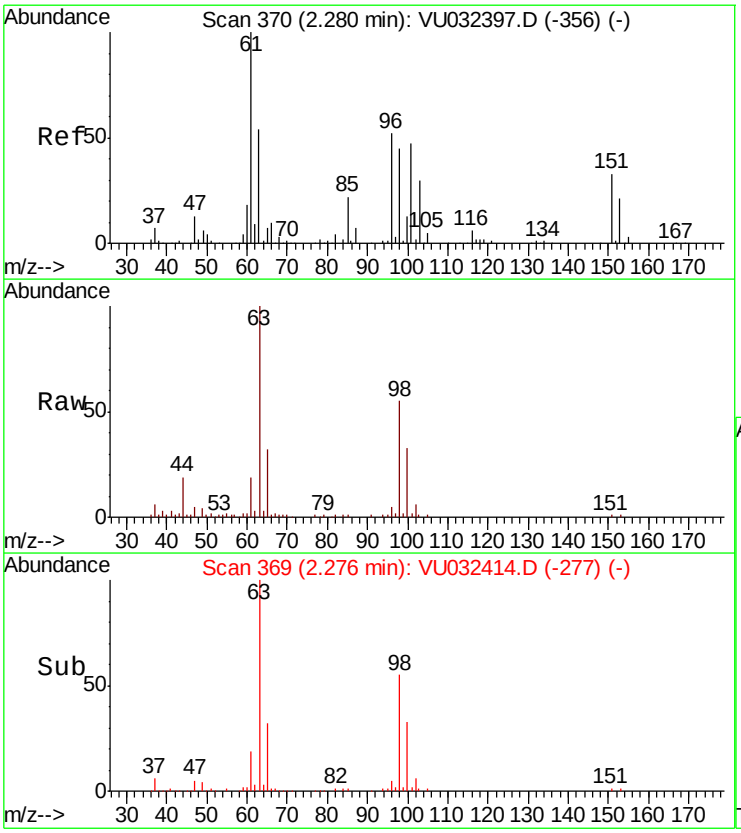
#5
Vinyl chloride
Concen: 0.138 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU032414.D
Acq: 03 Jun 2019 23:54

Instrument : MSVOA_U
ClientSampleId : GALD8

Tgt Ion: 62 Resp: 2706

Ion	Ratio	Lower	Upper
62	100		
64	56.6	22.3	41.3#

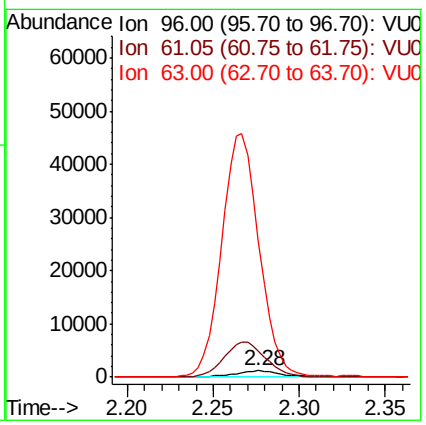


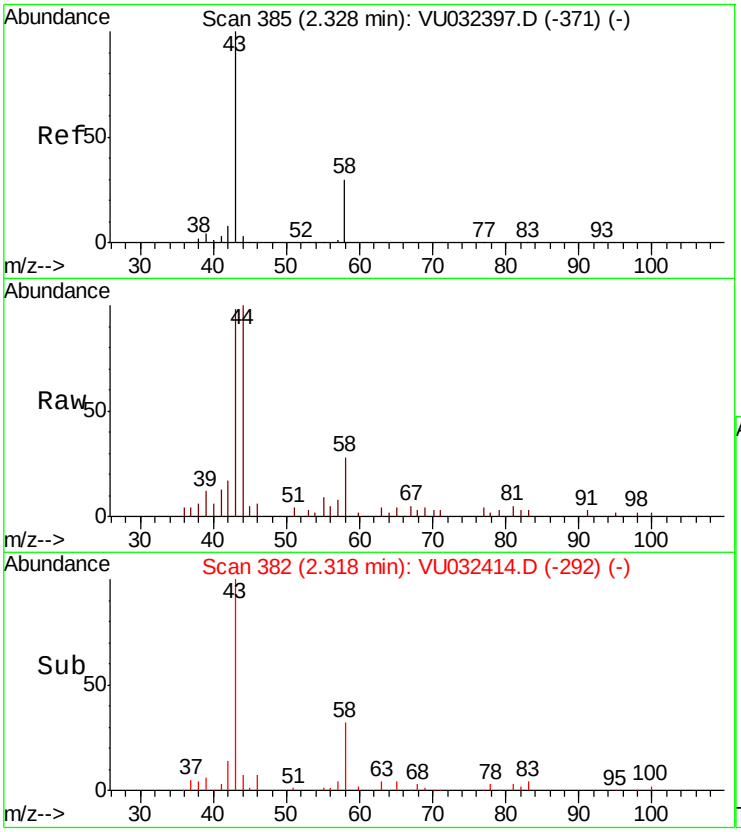


#12
1,1-Dichloroethene
Concen: 0.162 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU032414.D
Acq: 03 Jun 2019 23:54

Tgt Ion: 96 Resp: 2336

Ion	Ratio	Lower	Upper
96	100		
61	395.9	133.6	248.0#
63	2096.0	72.4	134.4#



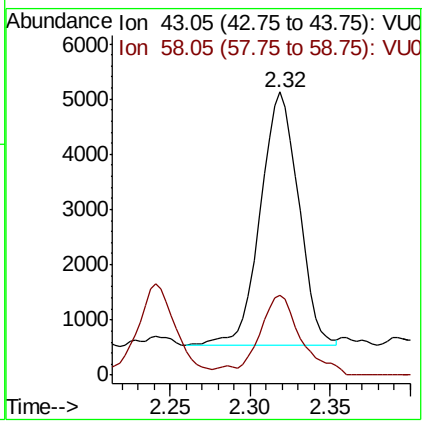


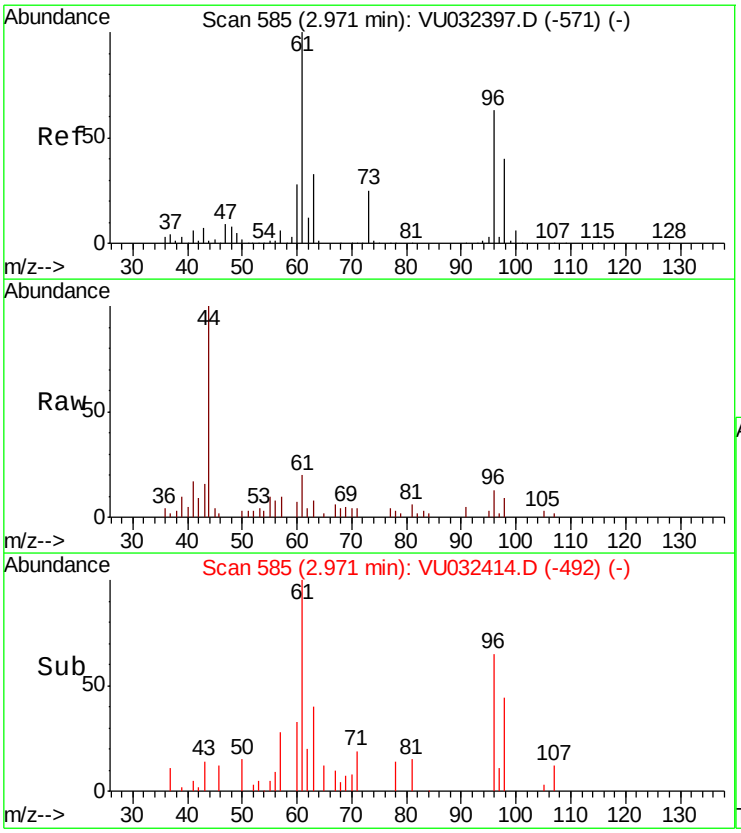
#13
Acetone
Concen: 1.986 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.01 min
Lab File: VU032414.D
Acq: 03 Jun 2019 23:54

Instrument :
MSVOA_U
ClientSampleId :
GALD8

Tgt Ion: 43 Resp: 7611

Ion	Ratio	Lower	Upper
43	100		
58	33.2	0.0	62.2

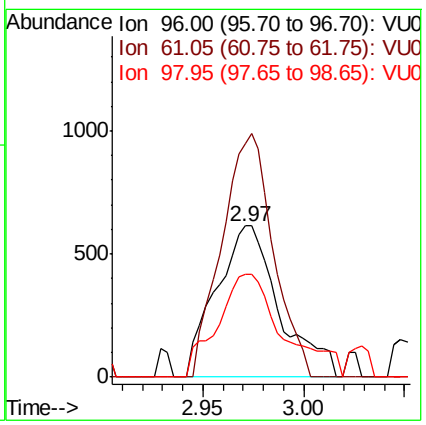


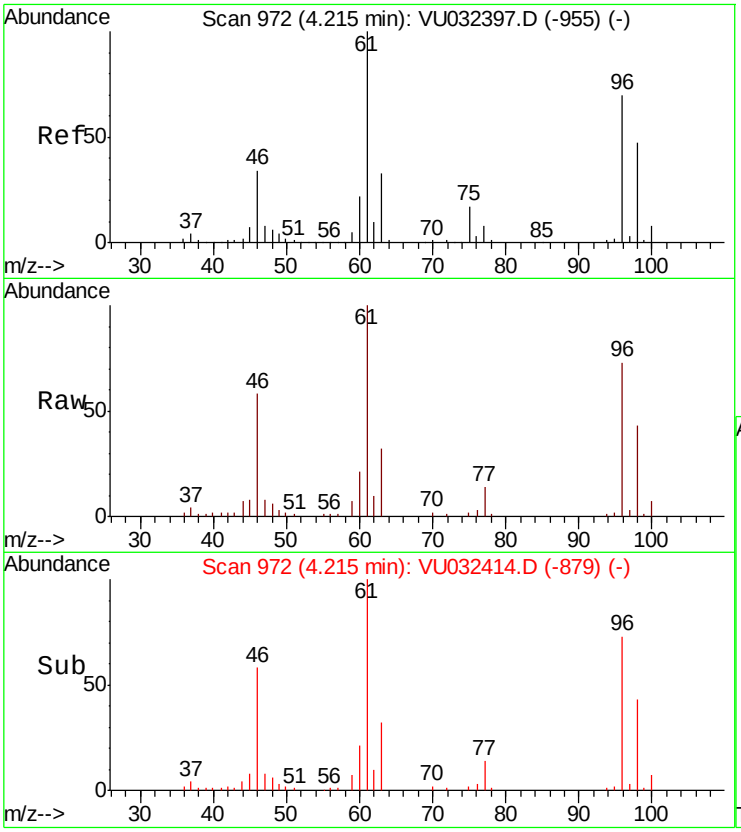


#18
trans-1,2-Dichloroethene
Concen: 0.084 ug/L
RT: 2.97 min Scan# 585
Delta R.T. -0.00 min
Lab File: VU032414.D
Acq: 03 Jun 2019 23:54

Tgt Ion: 96 Resp: 1337

Ion	Ratio	Lower	Upper
96	100		
61	153.8	109.1	202.7
98	68.3	44.6	82.8



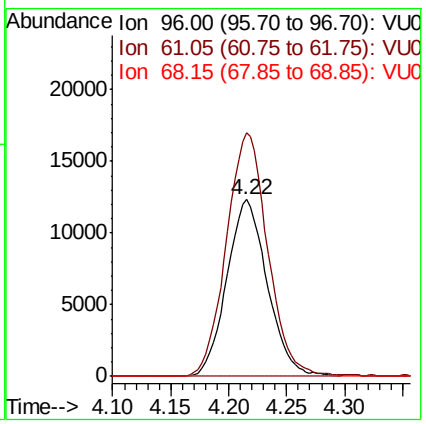


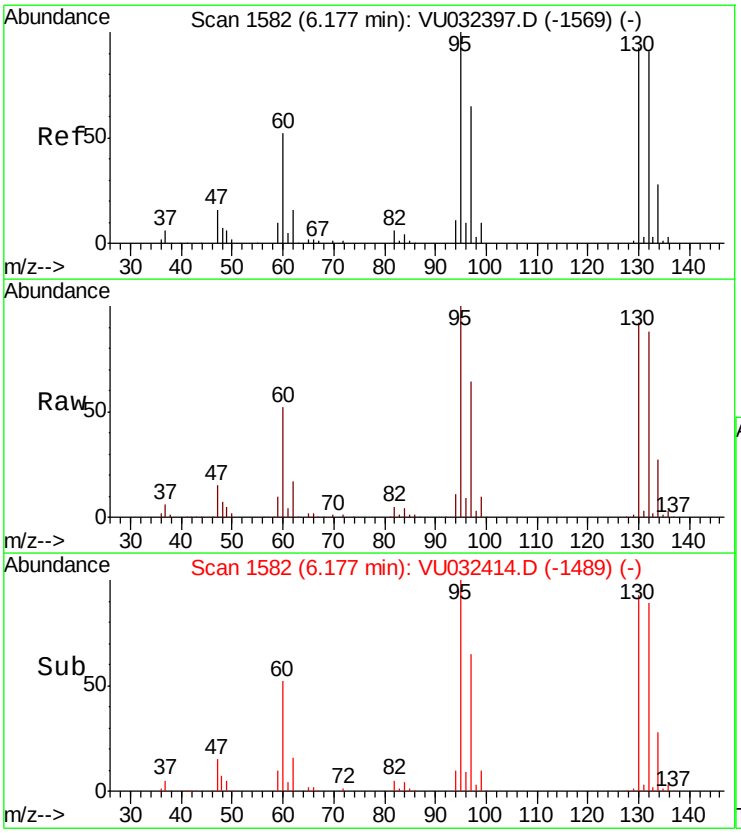
#22
cis-1,2-Dichloroethene
Concen: 1.927 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032414.D
Acq: 03 Jun 2019 23:54

Instrument :
MSVOA_U
ClientSampleId :
GALD8

Tgt Ion: 96 Resp: 29852

Ion	Ratio	Lower	Upper
96	100		
61	137.9	99.0	183.8
68	0.0	0.0	0.0

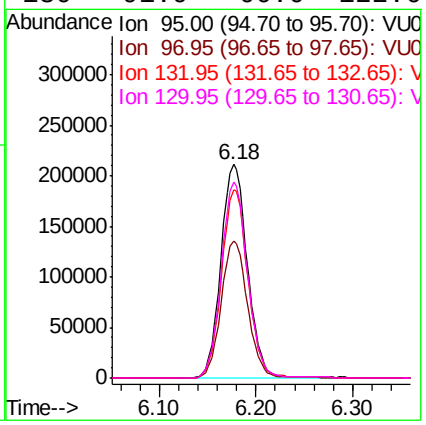


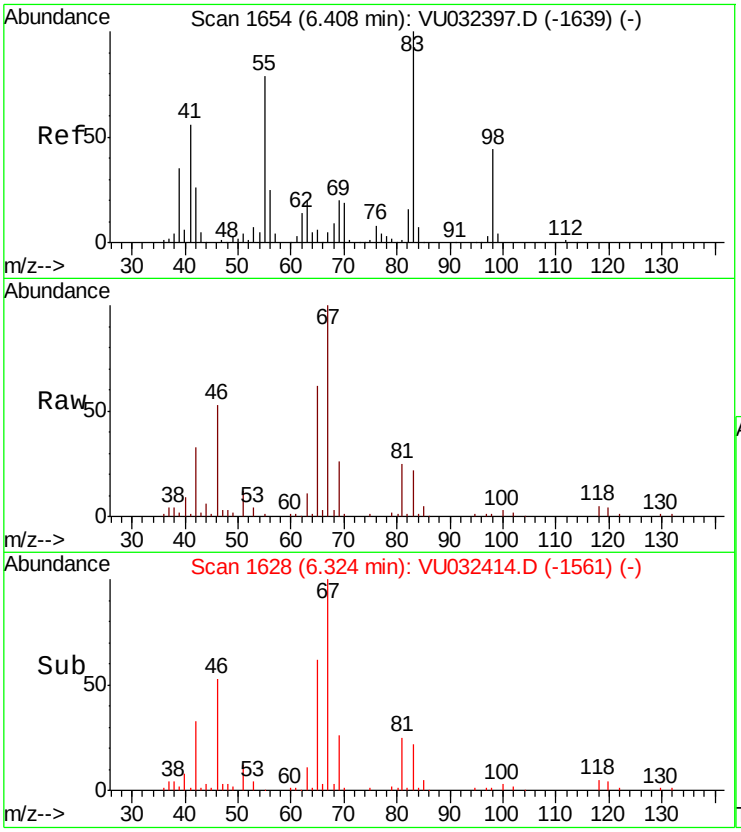


#34
Trichloroethene
Concen: 25.870 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032414.D
Acq: 03 Jun 2019 23:54

Tgt Ion: 95 Resp: 403507

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.8	85.0
132	88.2	63.1	117.1
130	91.9	66.0	122.6



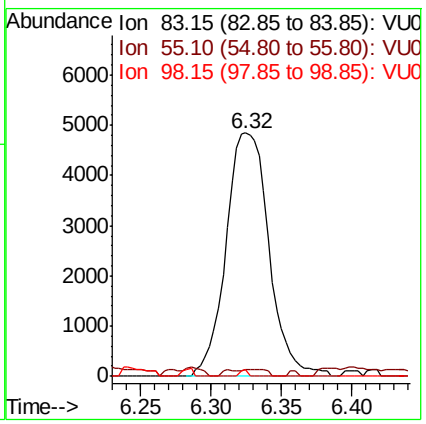


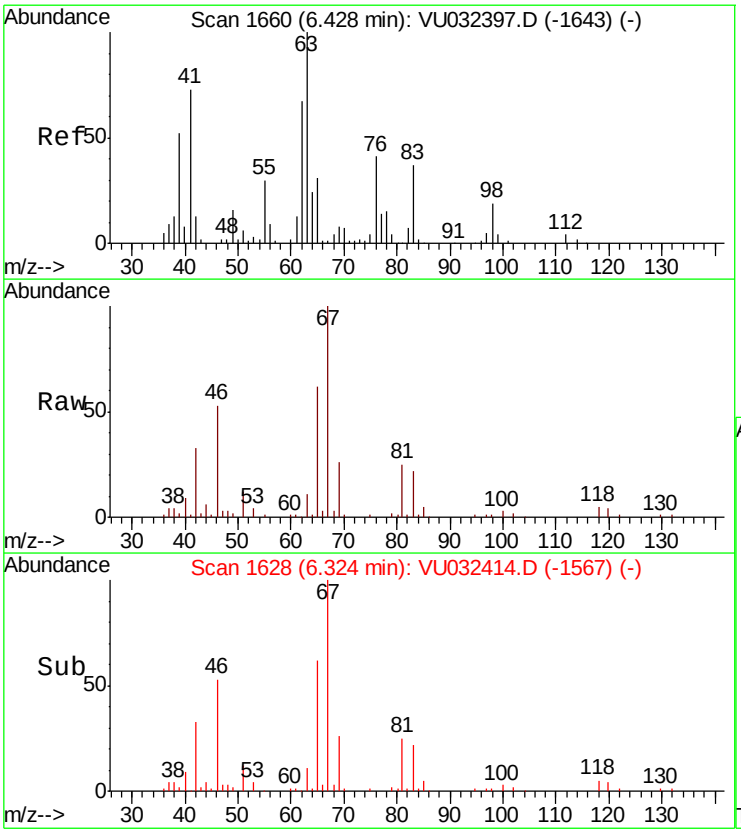
#35
Methylcyclohexane
Concen: 0.398 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032414.D
Acq: 03 Jun 2019 23:54

Instrument :
MSVOA_U
ClientSampleId :
GALD8

Tgt Ion: 83 Resp: 10353

Ion	Ratio	Lower	Upper
83	100		
55	1.5	64.7	97.1#
98	0.0	35.9	53.9#

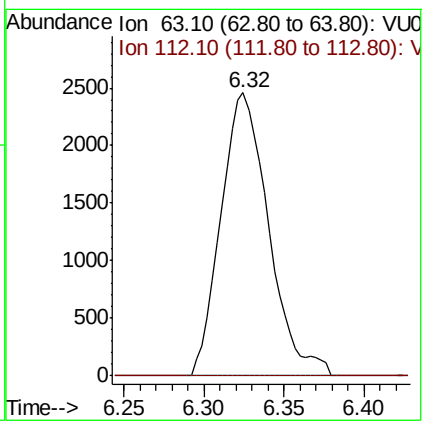


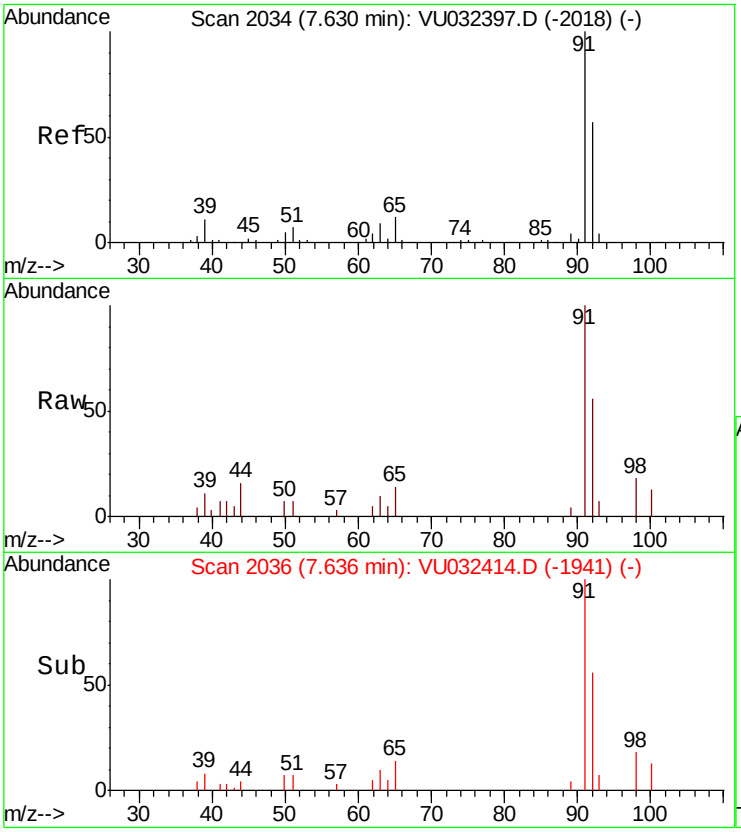


#37
1,2-Dichloropropane
Concen: 0.320 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032414.D
Acq: 03 Jun 2019 23:54

Tgt Ion: 63 Resp: 5007

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#



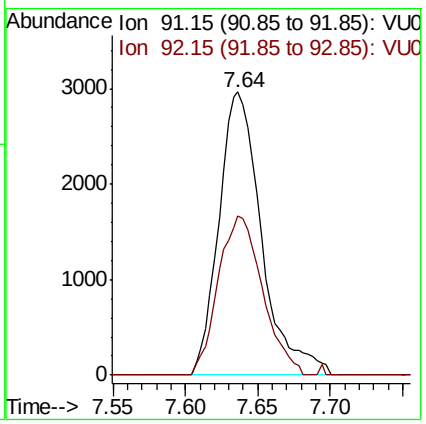


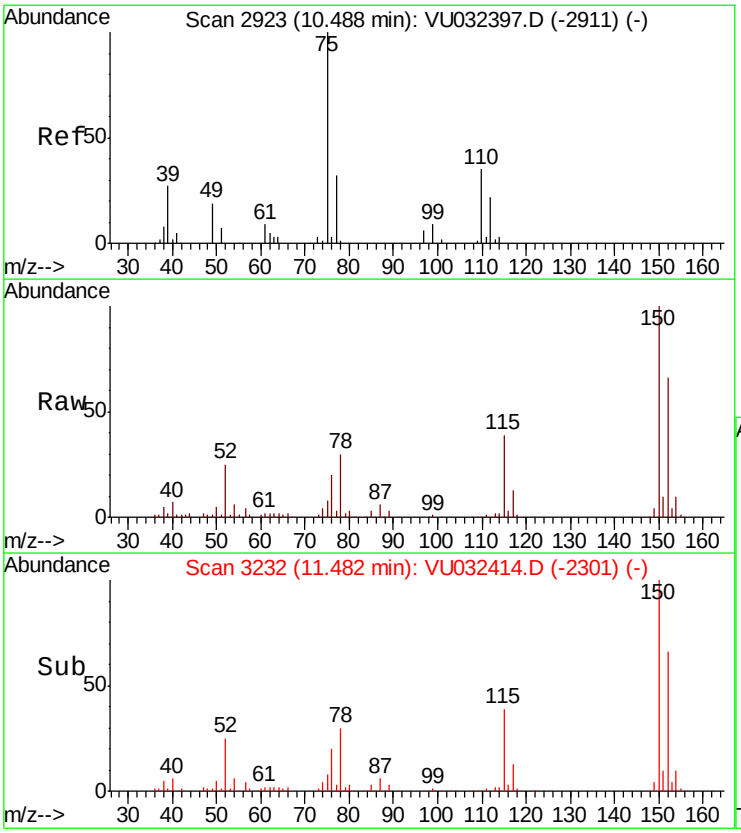
#42
Toluene
Concen: 0.098 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.01 min
Lab File: VU032414.D
Acq: 03 Jun 2019 23:54

Instrument :
MSVOA_U
ClientSampleId :
GALD8

Tgt Ion: 91 Resp: 6045

Ion	Ratio	Lower	Upper
91	100		
92	56.2	40.0	74.2





#59
1,2,3-Trichloropropane
Concen: 0.621 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032414.D
Acq: 03 Jun 2019 23:54

Tgt Ion: 75 Resp: 6319

Ion	Ratio	Lower	Upper
75	100		
77	39.0	26.1	39.1