Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060319\
Data File : VU032415.D
Acq On : 04 Jun 2019 00:18
Operator : JC/SP
Sample : K3081-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GALD7

Quant Time: Jun 04 09:00:53 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	100683	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	93840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43022	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	41729	4.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.40%			
7) Chloroethane-d5	1.67	69	36665	3.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.40%			
11) 1,1-Dichloroethene-d2	2.27	63	67297	3.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.00%			
20) 2-Butanone-d5	4.18	46	112295	51.06	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.12%			
24) Chloroform-d	4.64	84	67879	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.30	65	40557	5.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.20%			
32) Benzene-d6	5.33	84	133060	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.32	67	45460	5.23	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.60%			
41) Toluene-d8	7.56	98	124632	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
43) trans-1,3-Dichloropropene-	7.85	79	19623	4.82	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.40%			
46) 2-Hexanone-d5	8.31	63	94463	52.59	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.18%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	35456	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	42225	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	3348	0.179	ug/L #	77
12) 1,1-Dichloroethene	2.28	96	3039	0.220	ug/L #	1
13) Acetone	2.32	43	6572	1.789	ug/L	89
18) trans-1,2-Dichloroethene	2.98	96	926	0.061	ug/L	77
22) cis-1,2-Dichloroethene	4.22	96	34198	2.302	ug/L	94
34) Trichloroethene	6.18	95	462824	31.143	ug/L	97
35) Methylcyclohexane	6.32	83	10114	0.408	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4898	0.328	ug/L #	90
47) Tetrachloroethene	8.22	164	1220	0.117	ug/L	91
49) Dibromochloromethane	8.22	129	1311	0.101	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	5726	0.591	ug/L #	84

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

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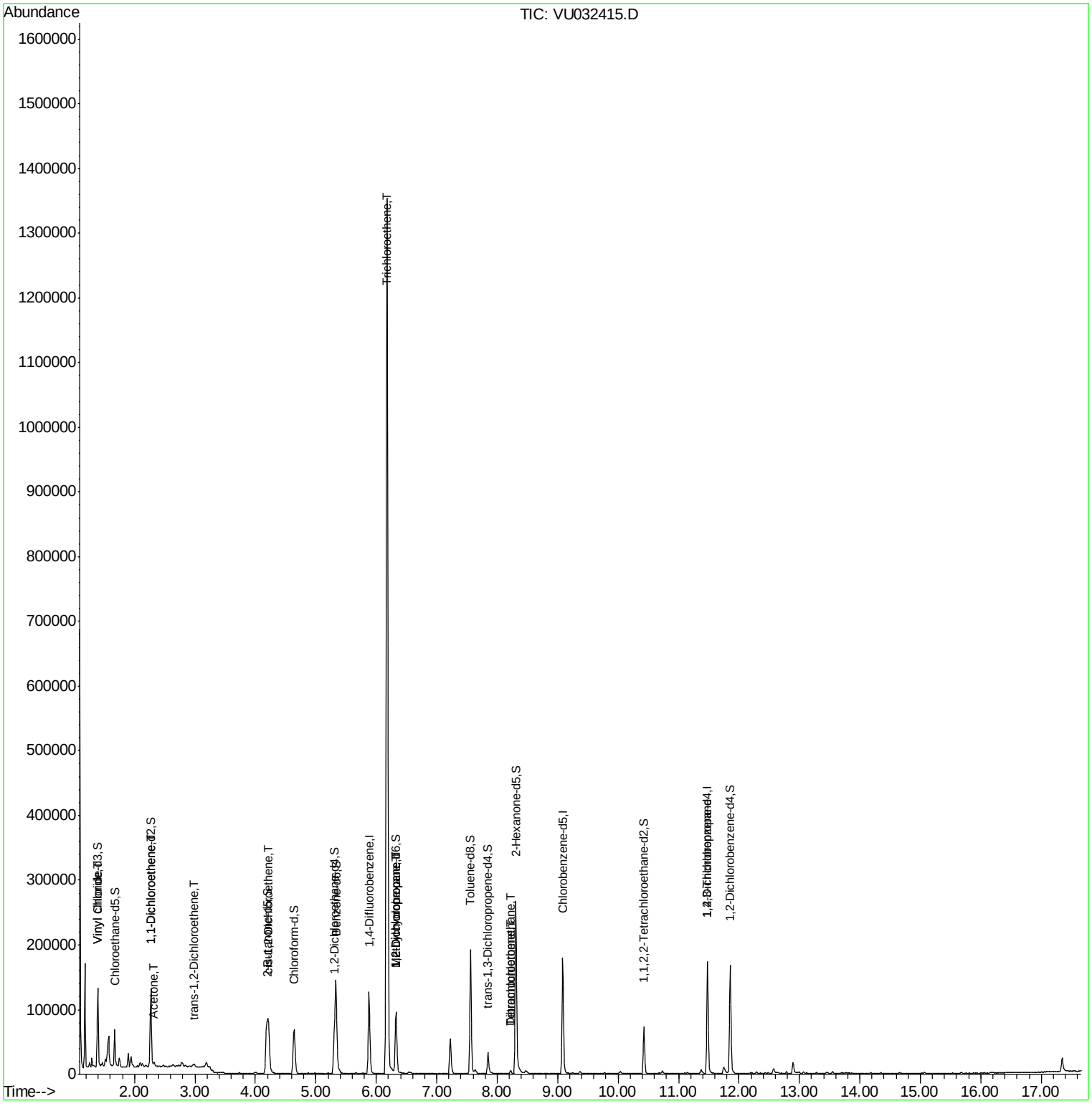
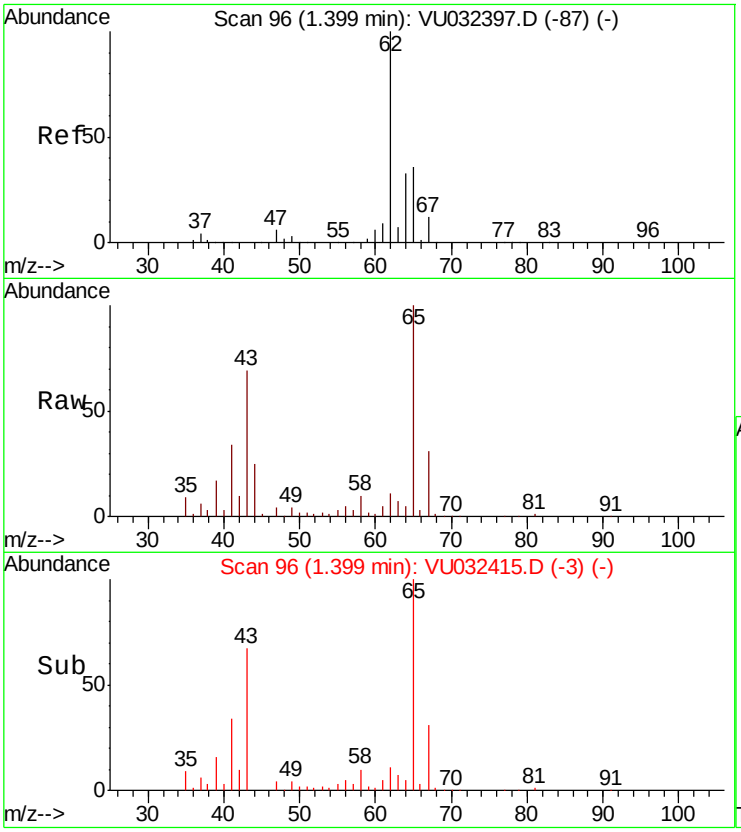
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 08:55:15 2019
Response via : Initial Calibration



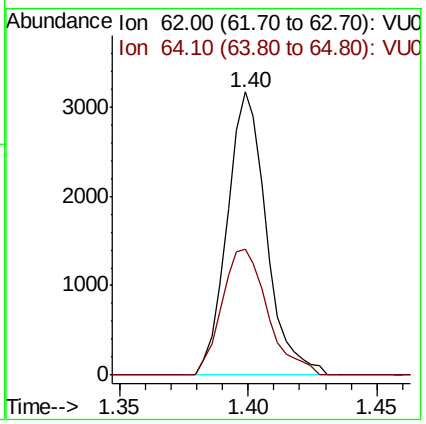


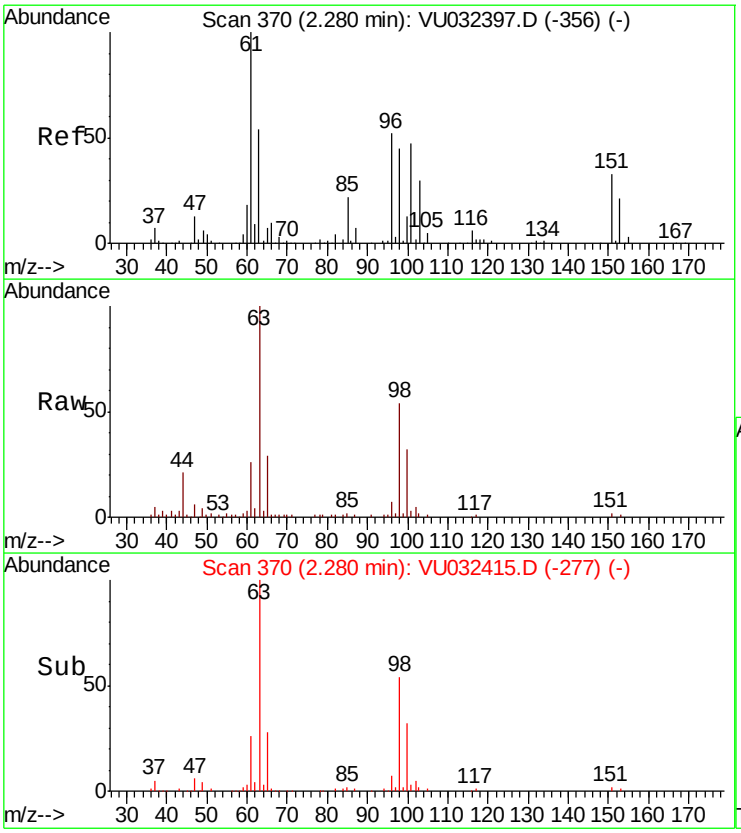
#5
Vinyl chloride
Concen: 0.179 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Instrument :
MSVOA_U
ClientSampleId :
GALD7

Tgt Ion: 62 Resp: 3348

Ion	Ratio	Lower	Upper
62	100		
64	44.4	22.3	41.3#

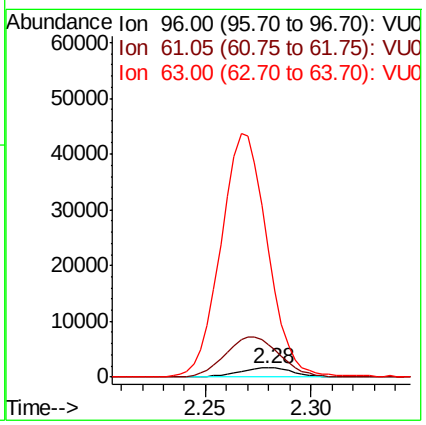


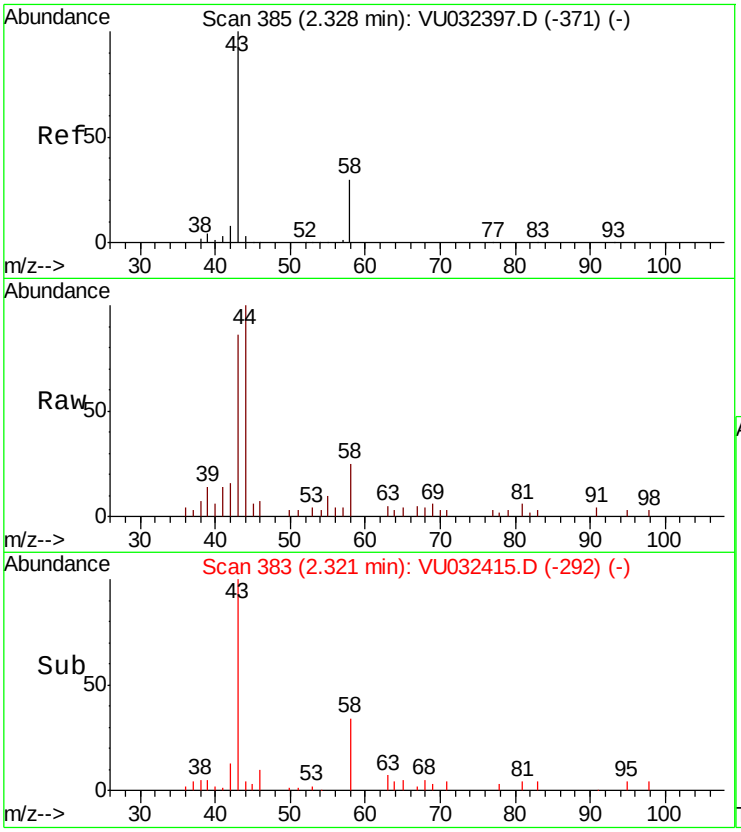


#12
1,1-Dichloroethene
Concen: 0.220 ug/L
RT: 2.28 min Scan# 370
Delta R.T. -0.00 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Tgt Ion: 96 Resp: 3039

Ion	Ratio	Lower	Upper
96	100		
61	353.2	133.6	248.0#
63	1378.4	72.4	134.4#



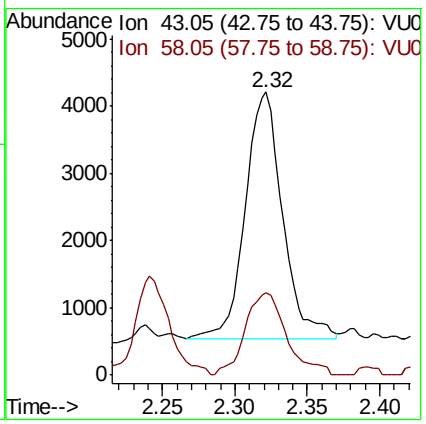


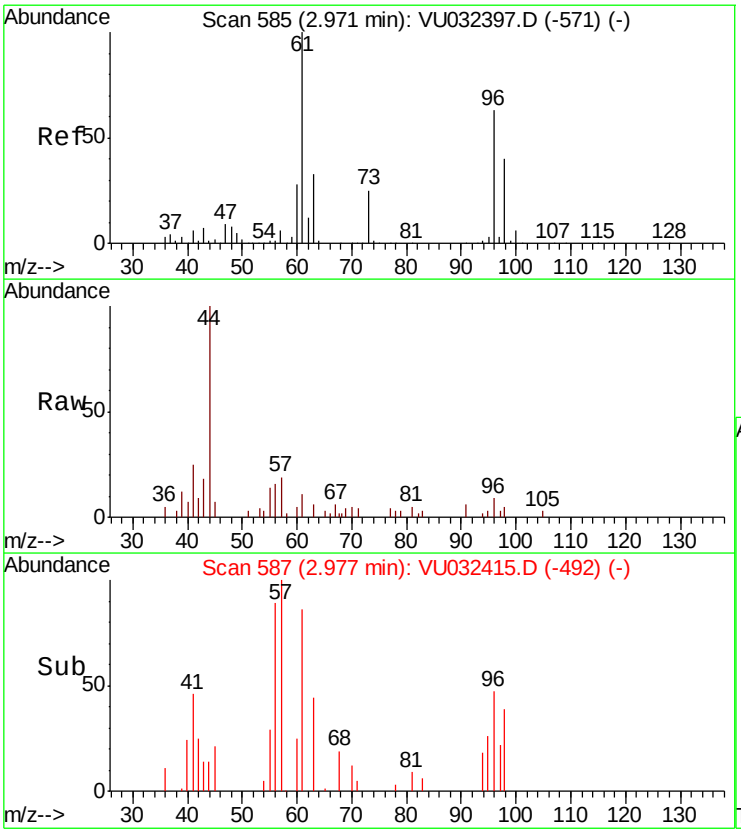
#13
Acetone
Concen: 1.789 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Instrument :
MSVOA_U
ClientSampleId :
GALD7

Tgt Ion: 43 Resp: 6572

Ion	Ratio	Lower	Upper
43	100		
58	37.1	0.0	62.2

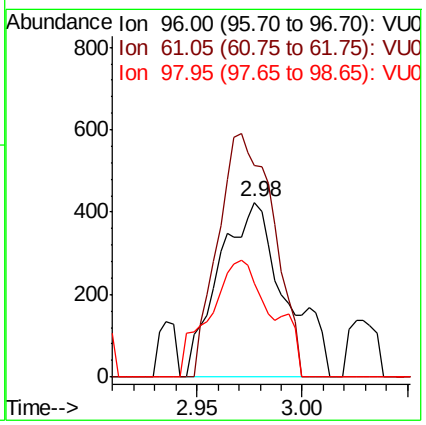


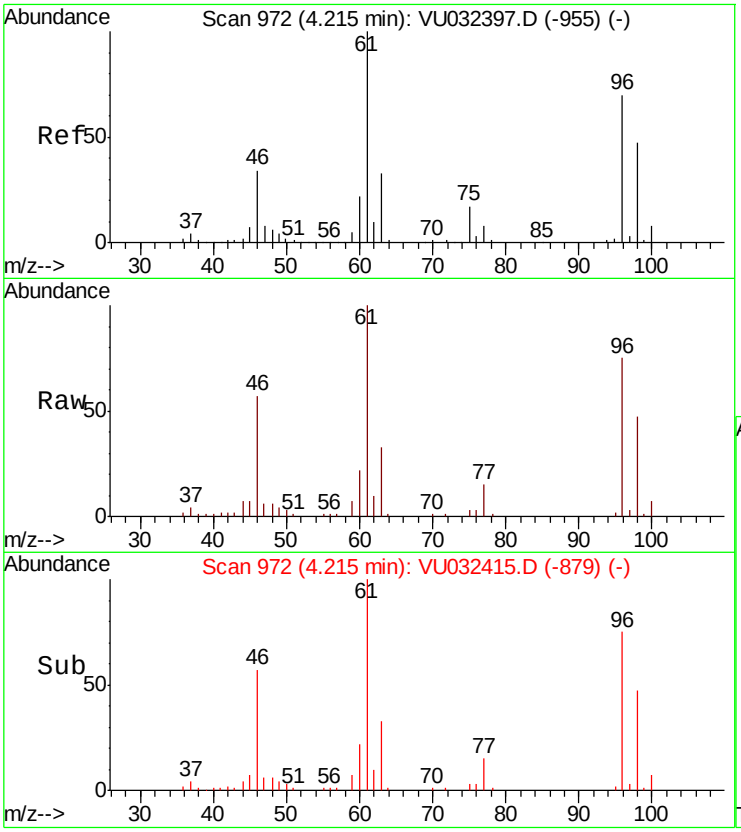


#18
trans-1,2-Dichloroethene
Concen: 0.061 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.01 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Tgt Ion: 96 Resp: 926

Ion	Ratio	Lower	Upper
96	100		
61	121.0	109.1	202.7
98	54.0	44.6	82.8



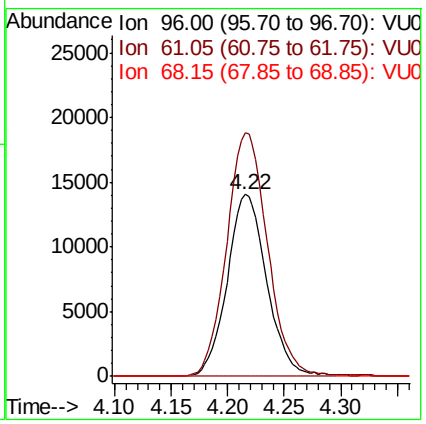


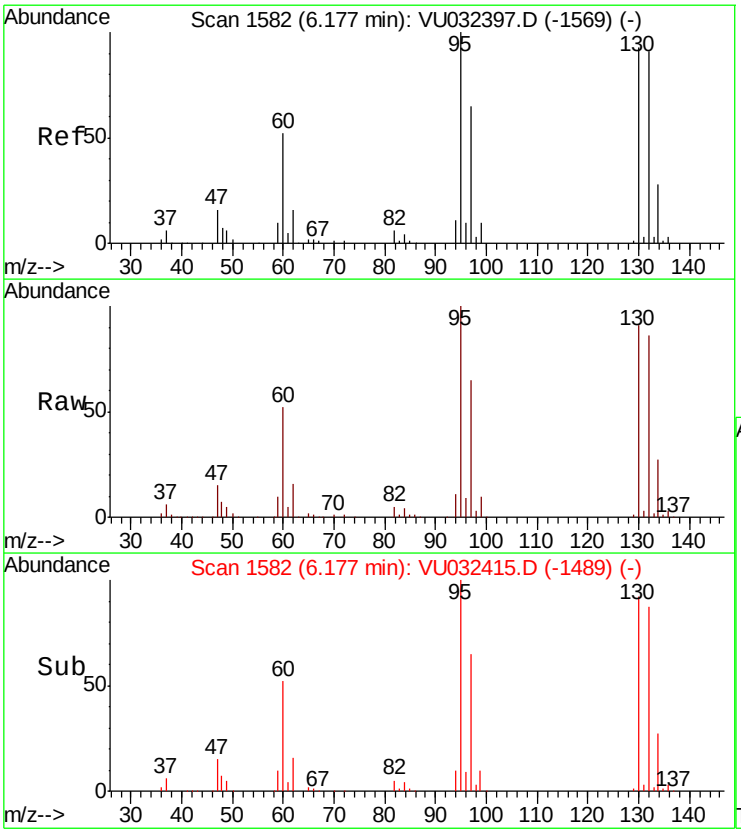
#22
cis-1,2-Dichloroethene
Concen: 2.302 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Instrument :
MSVOA_U
ClientSampleId :
GALD7

Tgt Ion: 96 Resp: 34198

Ion	Ratio	Lower	Upper
96	100		
61	134.0	99.0	183.8
68	0.0	0.0	0.0

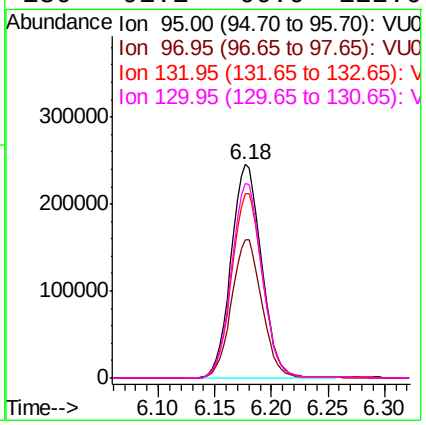


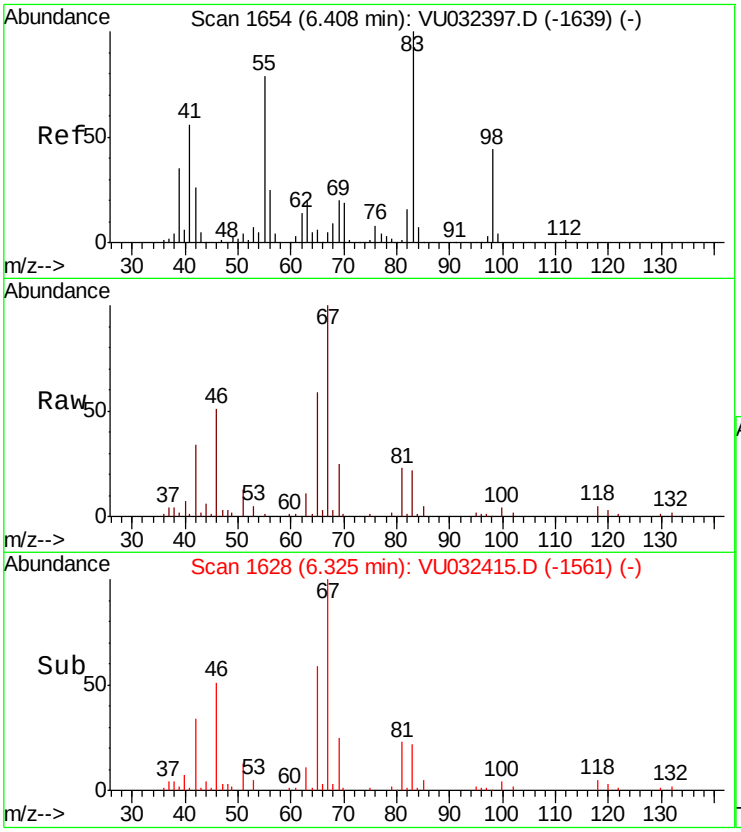


#34
Trichloroethene
Concen: 31.143 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Tgt Ion: 95 Resp: 462824

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.8	85.0
132	86.2	63.1	117.1
130	91.1	66.0	122.6



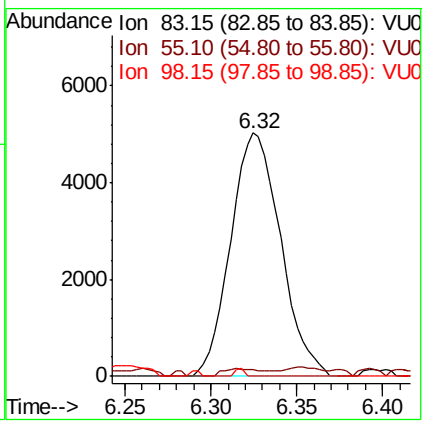


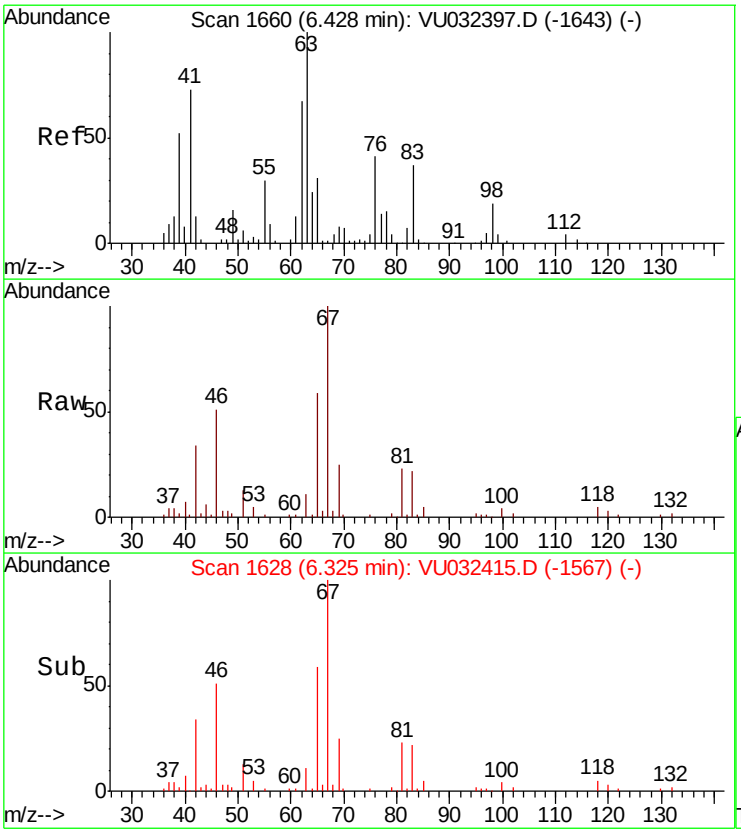
#35
Methylcyclohexane
Concen: 0.408 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Instrument :
MSVOA_U
ClientSampleId :
GALD7

Tgt Ion: 83 Resp: 10114

Ion	Ratio	Lower	Upper
83	100		
55	2.8	64.7	97.1#
98	0.0	35.9	53.9#

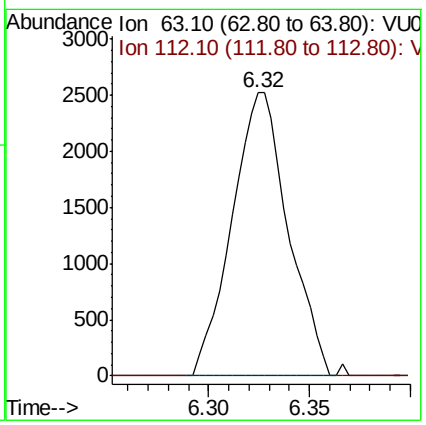


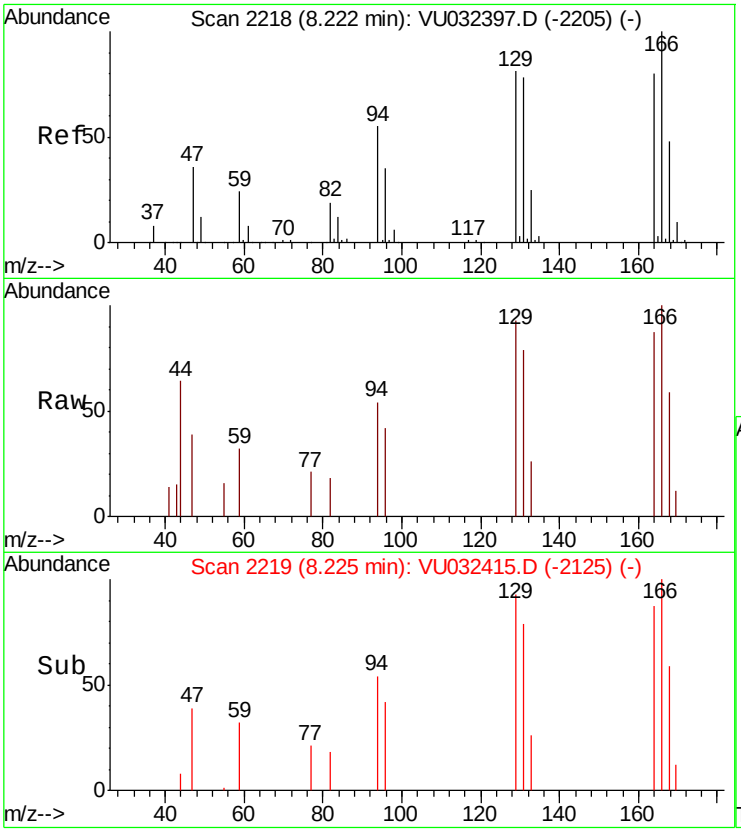


#37
1,2-Dichloropropane
Concen: 0.328 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Tgt Ion: 63 Resp: 4898

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	4.0#



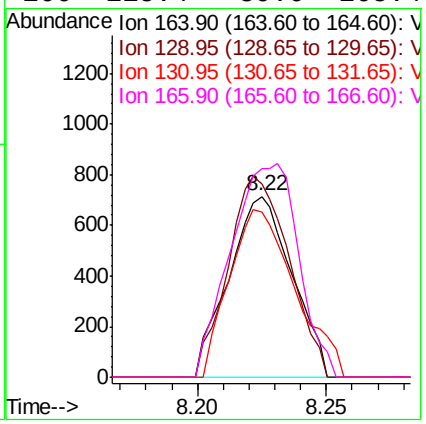


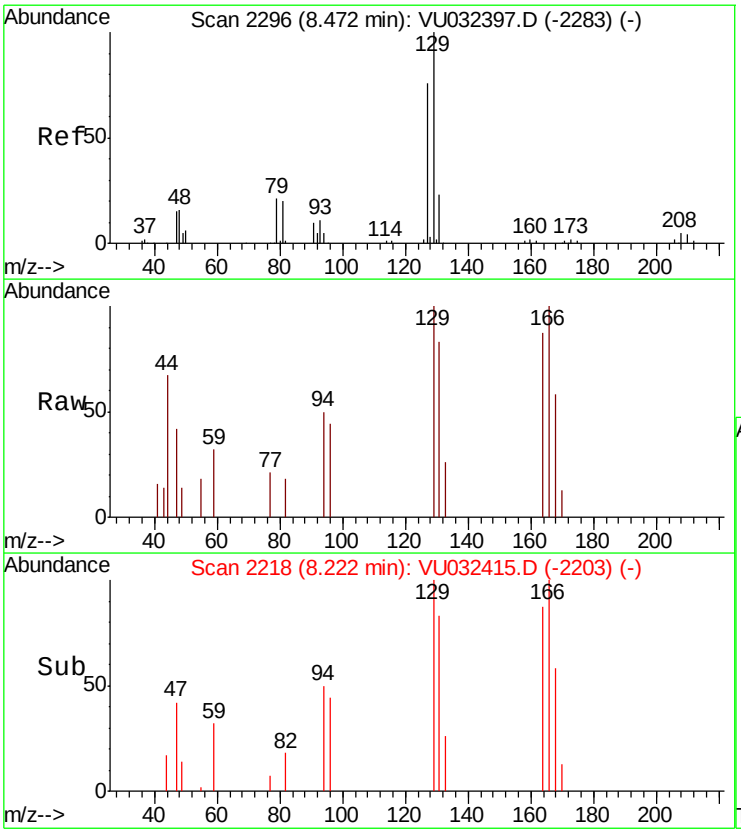
#47
Tetrachloroethene
Concen: 0.117 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Instrument :
MSVOA_U
ClientSampleId :
GALD7

Tgt Ion:164 Resp: 1220

Ion	Ratio	Lower	Upper
164	100		
129	107.3	72.1	133.9
131	91.5	71.9	133.5
166	115.4	89.0	165.4

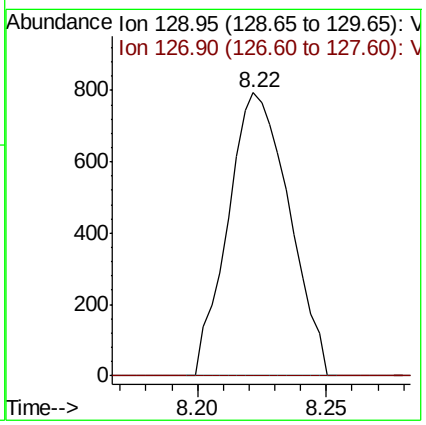


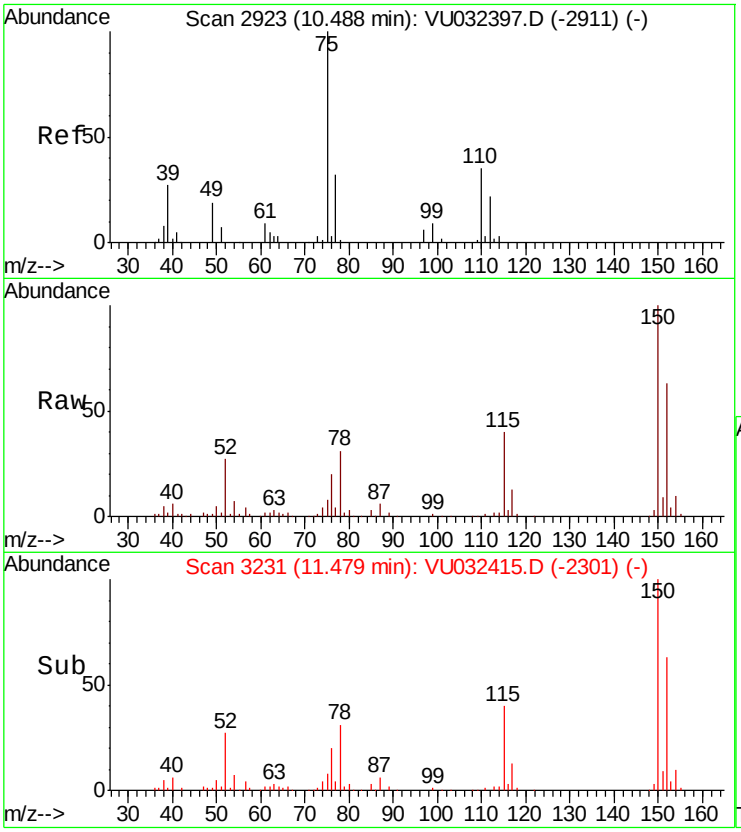


#49
Dibromochloromethane
Concen: 0.101 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Tgt Ion:129 Resp: 1311

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.8#





#59
1,2,3-Trichloropropane
Concen: 0.591 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032415.D
Acq: 04 Jun 2019 00:18

Instrument :
MSVOA_U
ClientSampleId :
GALD7

Tgt Ion: 75 Resp: 5726

Ion	Ratio	Lower	Upper
75	100		
77	41.4	26.1	39.1#