Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032150.D
Acq On : 20 May 2019 13:12
Operator : JC/SP
Sample : K2860-06DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W33DL

Quant Time: May 21 06:42:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	365321	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	381666	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151586	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	106298	3.45	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.00%			
7) Chloroethane-d5	1.68	69	94442	3.59	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.80%			
11) 1,1-Dichloroethene-d2	2.27	63	157631	3.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.20%			
20) 2-Butanone-d5	4.20	46	258223	42.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.48%			
24) Chloroform-d	4.64	84	228844	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.60%			
26) 1,2-Dichloroethane-d4	5.31	65	115841	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.00%			
32) Benzene-d6	5.33	84	449145	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.20%			
36) 1,2-Dichloropropane-d6	6.33	67	132171	3.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.60%			
41) Toluene-d8	7.56	98	368267	3.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.80%			
43) trans-1,3-Dichloropropene-	7.85	79	47792	3.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.00%			
46) 2-Hexanone-d5	8.31	63	219204	39.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.24%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119065	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	142829	4.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.00%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	2552	0.145	ug/L	98
5) Vinyl chloride	1.40	62	3490	0.189	ug/L #	7
12) 1,1-Dichloroethene	2.27	96	2842	0.194	ug/L #	1
13) Acetone	2.33	43	25805	13.011	ug/L	95
15) Methyl Acetate	2.70	43	17544	3.085	ug/L #	42
16) Methylene chloride	2.70	84	10372	0.592	ug/L	85
18) trans-1,2-Dichloroethene	2.97	96	7941	0.506	ug/L	84
22) cis-1,2-Dichloroethene	4.22	96	47698	3.088	ug/L	94
27) 1,2-Dichloroethane	5.34	62	2127	0.138	ug/L #	73
34) Trichloroethene	6.18	95	87734	5.519	ug/L	98
35) Methylcyclohexane	6.32	83	33905	1.481	ug/L #	20
37) 1,2-Dichloropropane	6.32	63	13762	0.960	ug/L #	87
47) Tetrachloroethene	8.22	164	2413	0.203	ug/L #	71
48) 2-Hexanone	8.36	43	11327	2.198	ug/L #	90
49) Dibromochloromethane	8.23	129	1809	0.148	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	14526	1.596	ug/L #	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032150.D
Acq On : 20 May 2019 13:12
Operator : JC/SP
Sample : K2860-06DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W33DL

Quant Time: May 21 06:42:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 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\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032150.D
Acq On : 20 May 2019 13:12
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Sample : K2860-06DL 4X
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ClientSampleId :
F9W33DL

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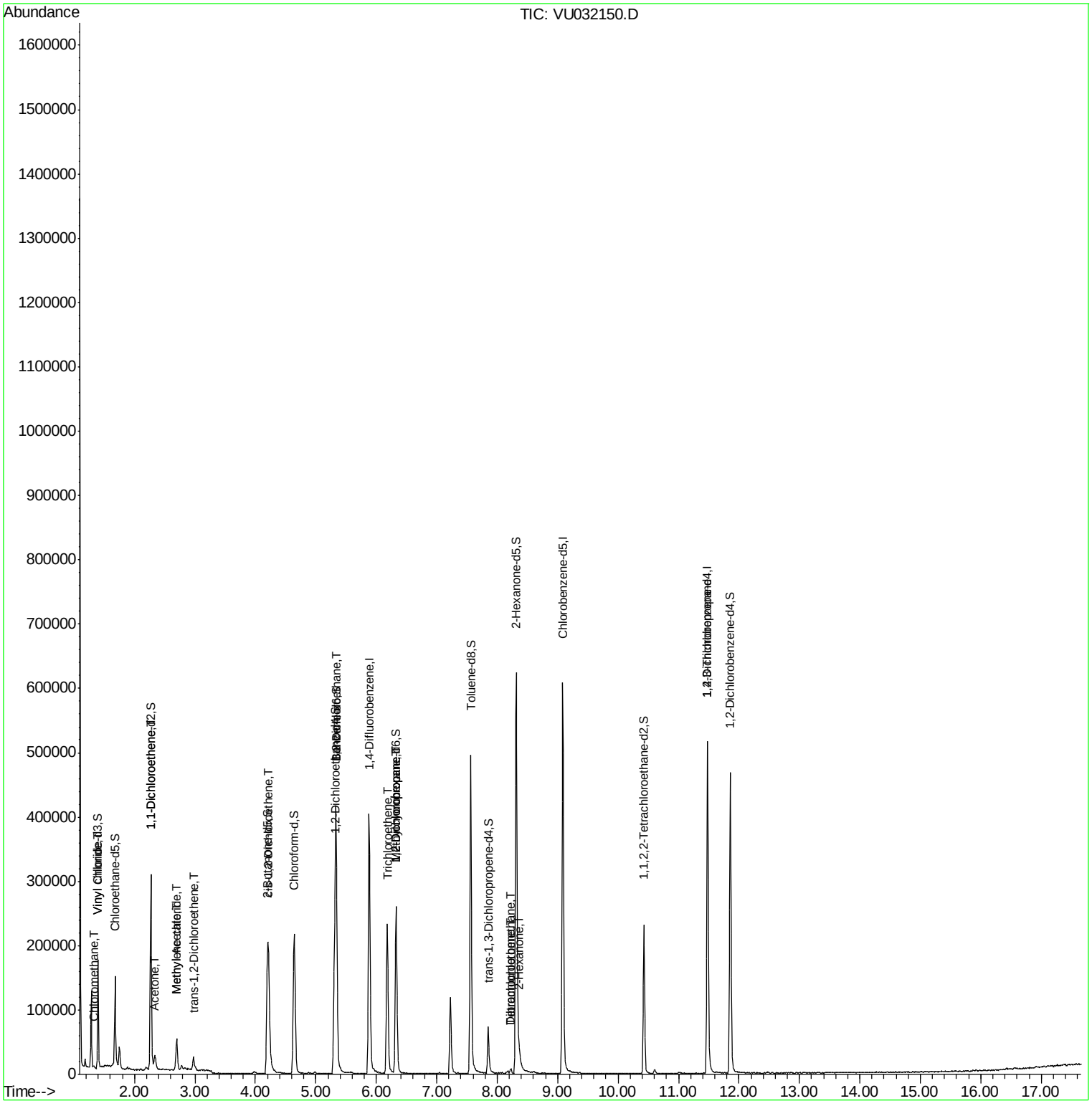
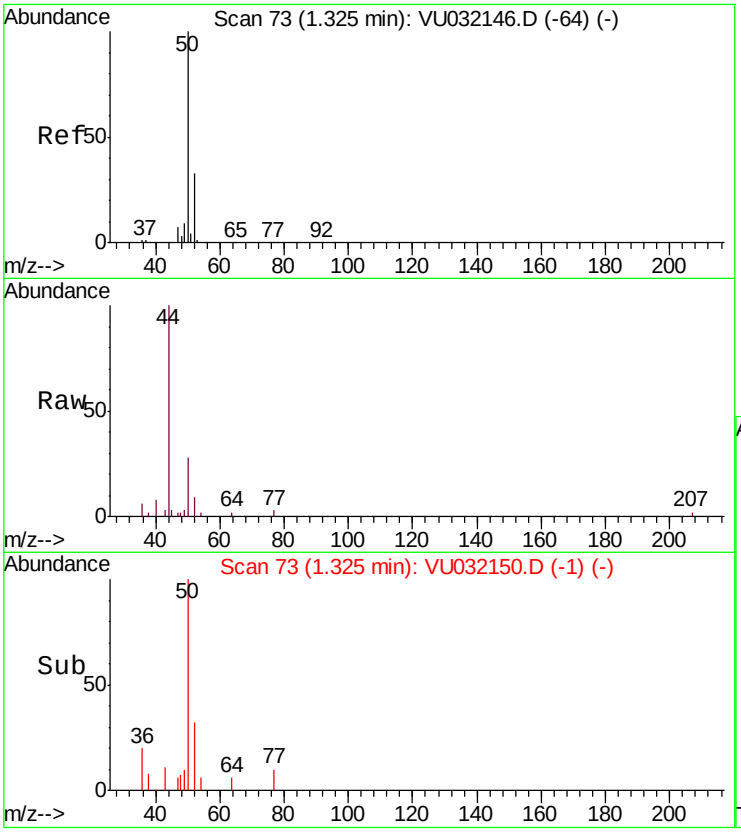
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration



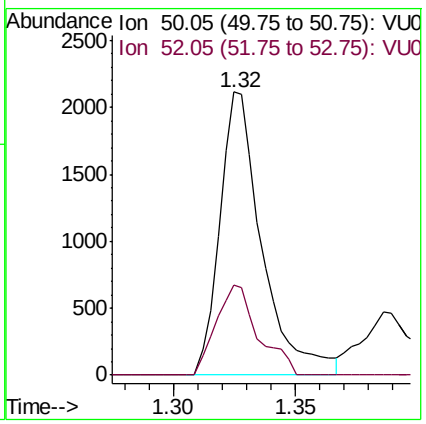


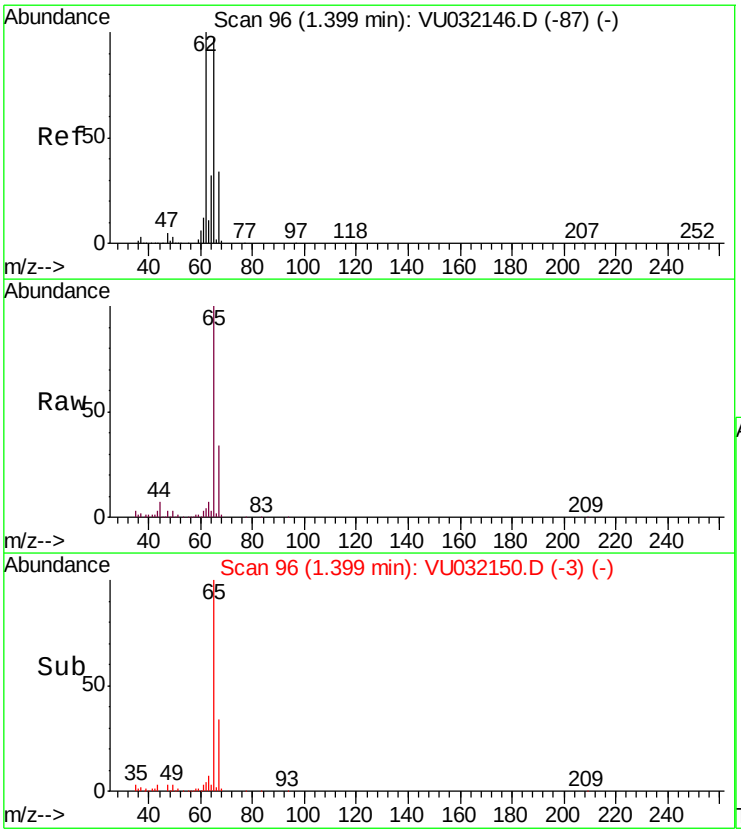
#3
Chloromethane
Concen: 0.145 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
F9W33DL

Tgt Ion: 50 Resp: 2552

Ion	Ratio	Lower	Upper
50	100		
52	31.8	23.2	43.0

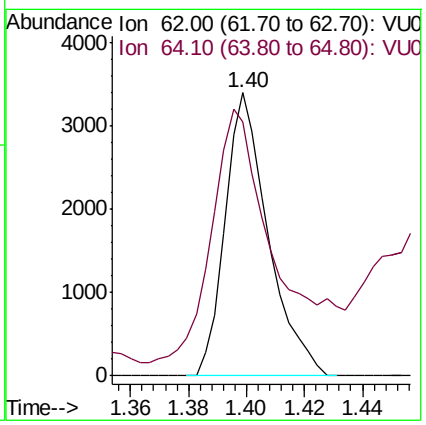


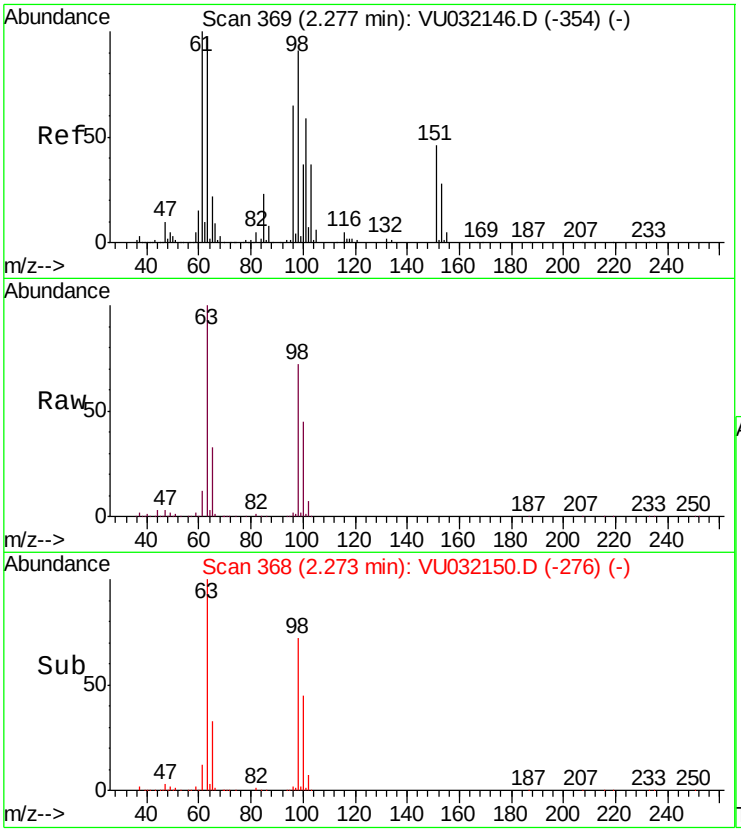


#5
Vinyl chloride
Concen: 0.189 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Tgt Ion: 62 Resp: 3490

Ion	Ratio	Lower	Upper
62	100		
64	89.6	24.8	46.1#



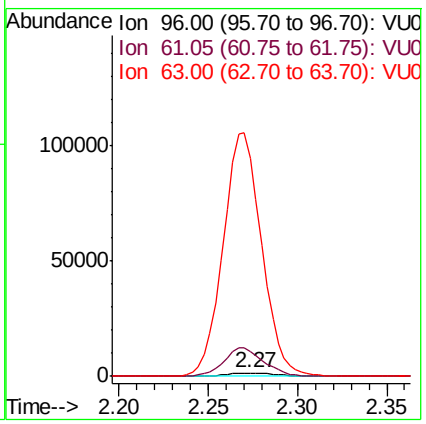


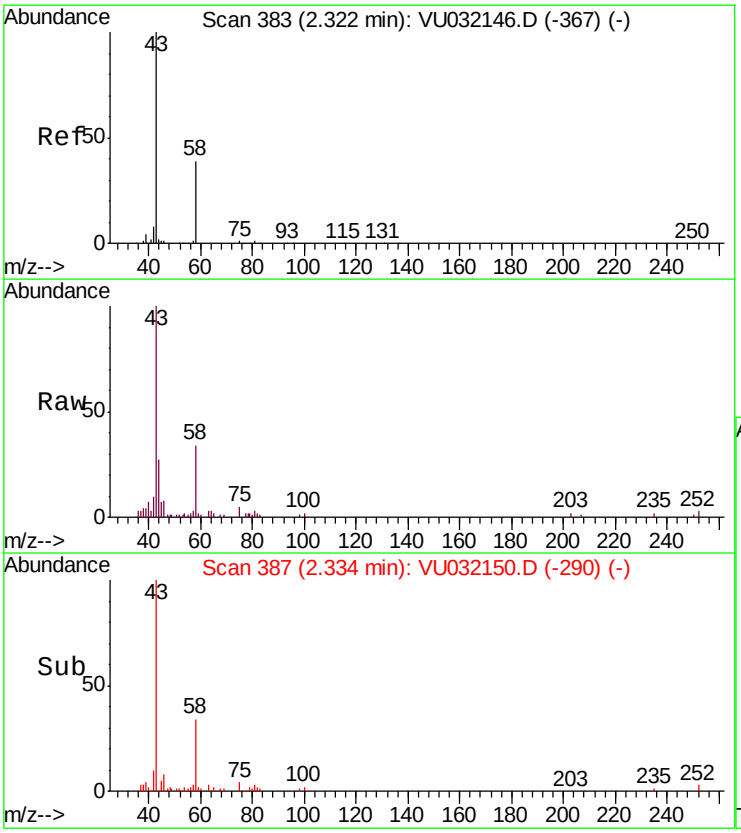
#12
1,1-Dichloroethene
Concen: 0.194 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
F9W33DL

Tgt Ion: 96 Resp: 2842

Ion	Ratio	Lower	Upper
96	100		
61	699.1	111.7	207.5#
63	6023.5	152.2	282.6#

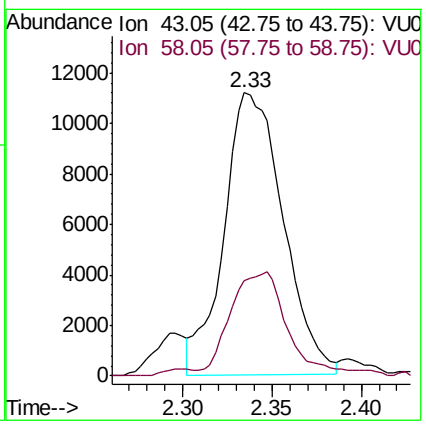


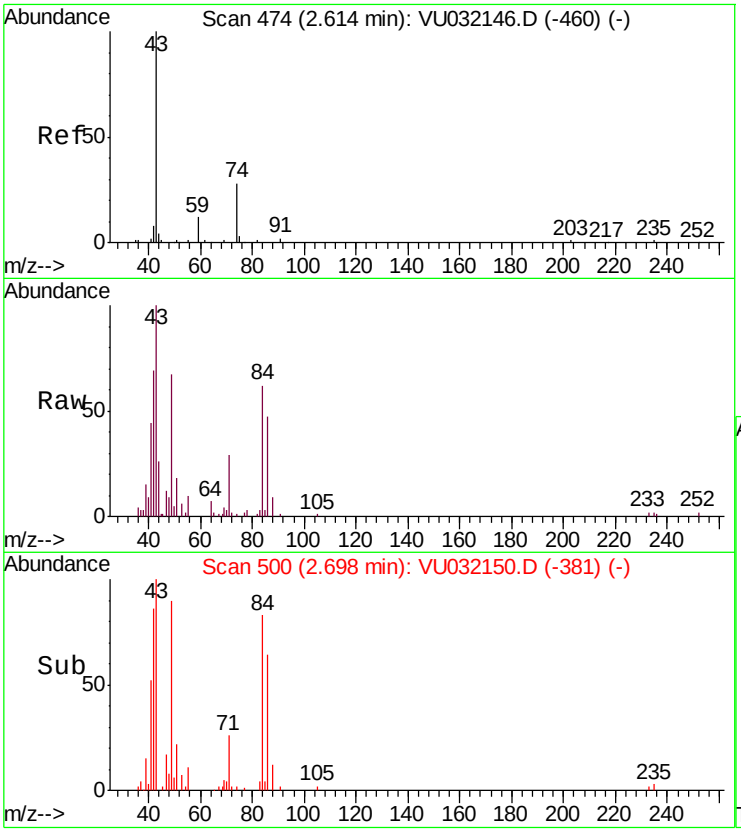


#13
Acetone
Concen: 13.011 ug/L
RT: 2.33 min Scan# 387
Delta R.T. 0.01 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Tgt Ion: 43 Resp: 25805

Ion	Ratio	Lower	Upper
43	100		
58	36.2	0.0	78.8



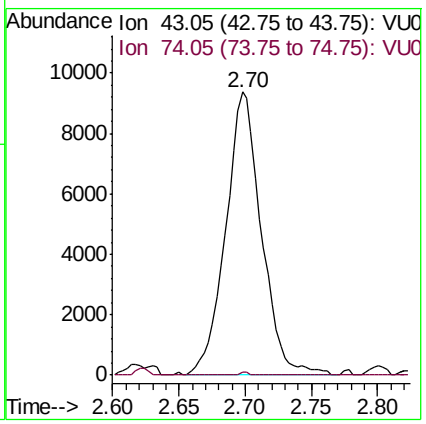


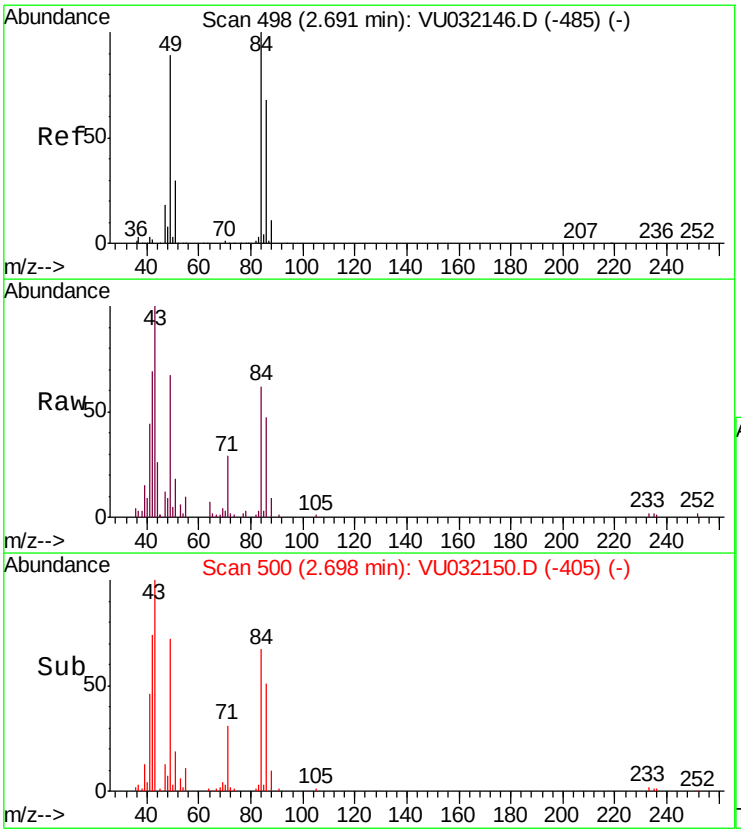
#15
Methyl Acetate
Concen: 3.085 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.08 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Instrument : MSVOA_U
ClientSampleId : F9W33DL

Tgt Ion: 43 Resp: 17544

Ion	Ratio	Lower	Upper
43	100		
74	0.2	26.4	39.6#

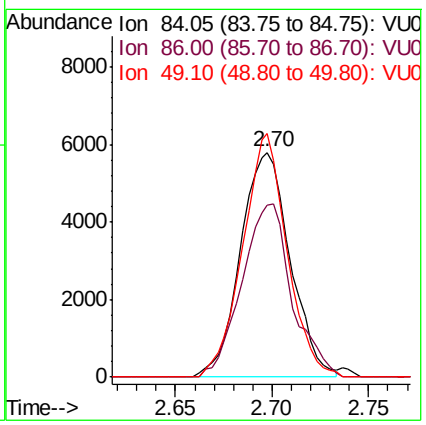


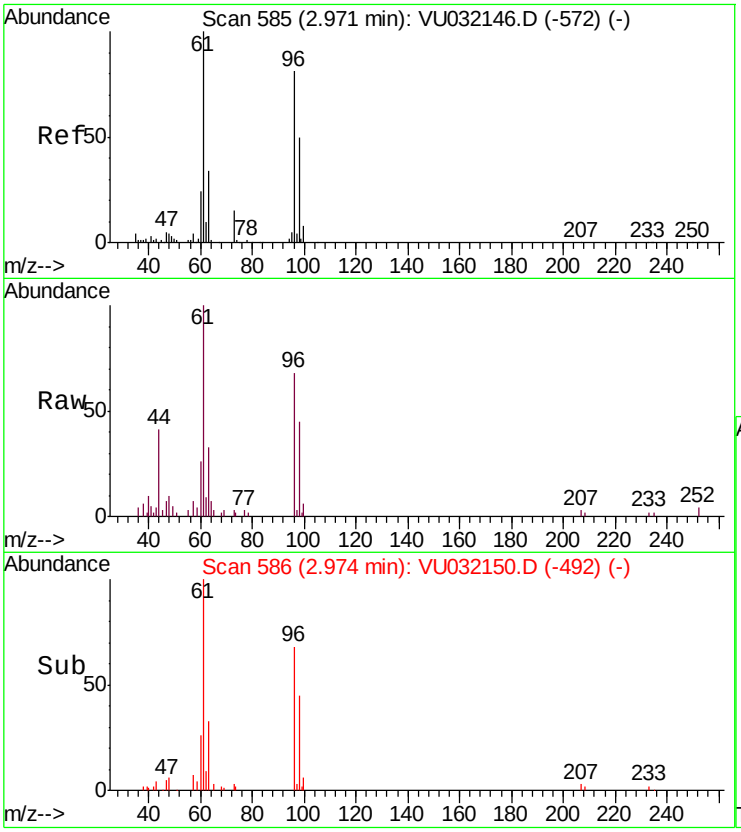


#16
Methylene chloride
Concen: 0.592 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.01 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Tgt Ion: 84 Resp: 10372

Ion	Ratio	Lower	Upper
84	100		
86	76.8	43.1	80.1
49	108.5	67.7	125.7



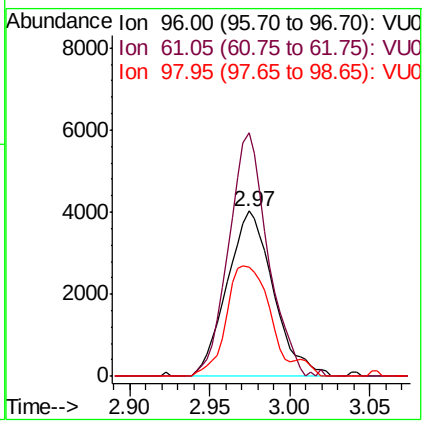


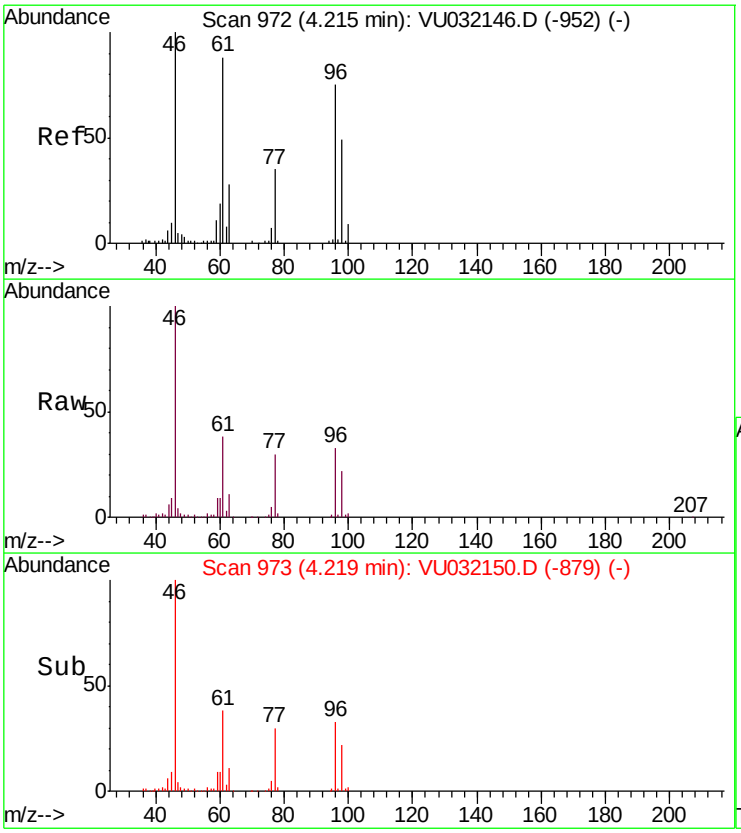
#18
trans-1,2-Dichloroethene
Concen: 0.506 ug/L
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Instrument : MSVOA_U
ClientSampleId : F9W33DL

Tgt Ion: 96 Resp: 7941

Ion	Ratio	Lower	Upper
96	100		
61	147.5	86.5	160.7
98	66.2	43.5	80.9

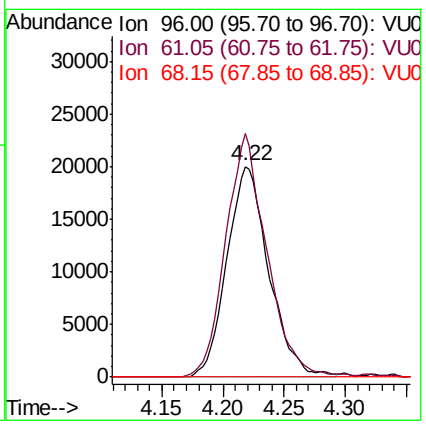


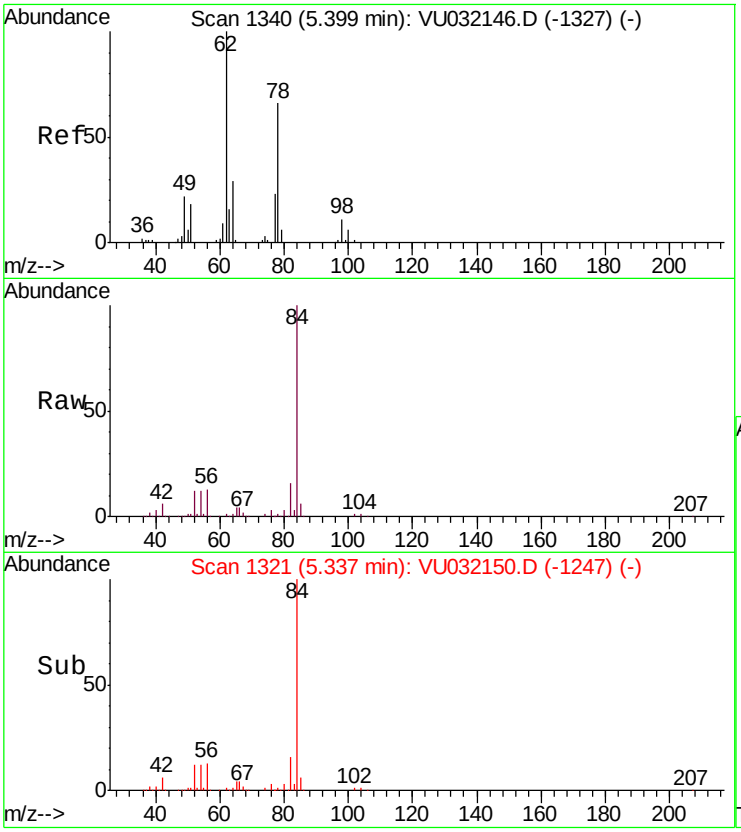


#22
cis-1,2-Dichloroethene
Concen: 3.088 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Tgt Ion: 96 Resp: 47698

Ion	Ratio	Lower	Upper
96	100		
61	115.7	85.8	159.4
68	0.0	0.0	0.0



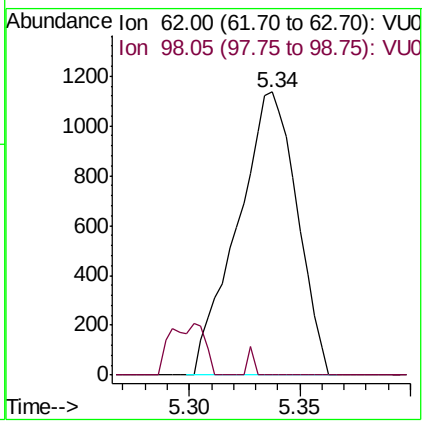


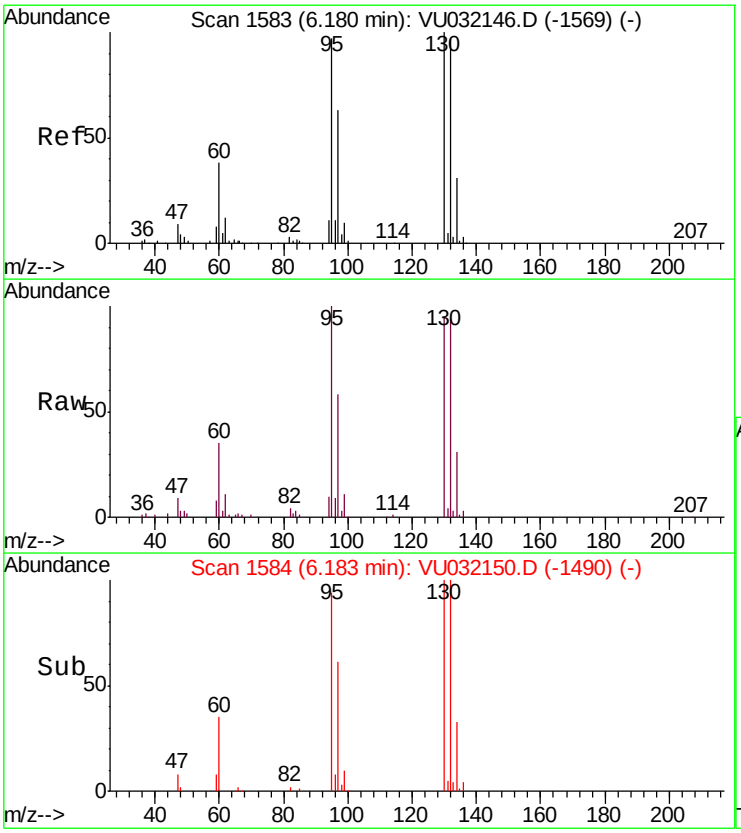
#27
1,2-Dichloroethane
Concen: 0.138 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Instrument : MSVOA_U
ClientSampleId : F9W33DL

Tgt Ion: 62 Resp: 2127

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.0	12.0#

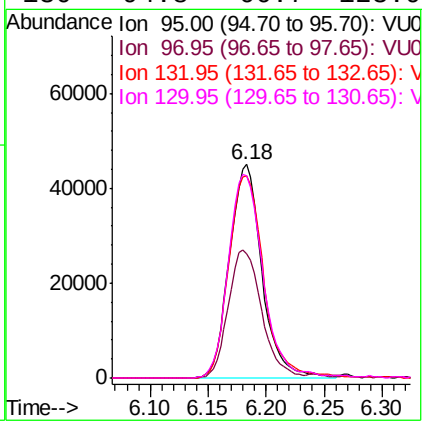


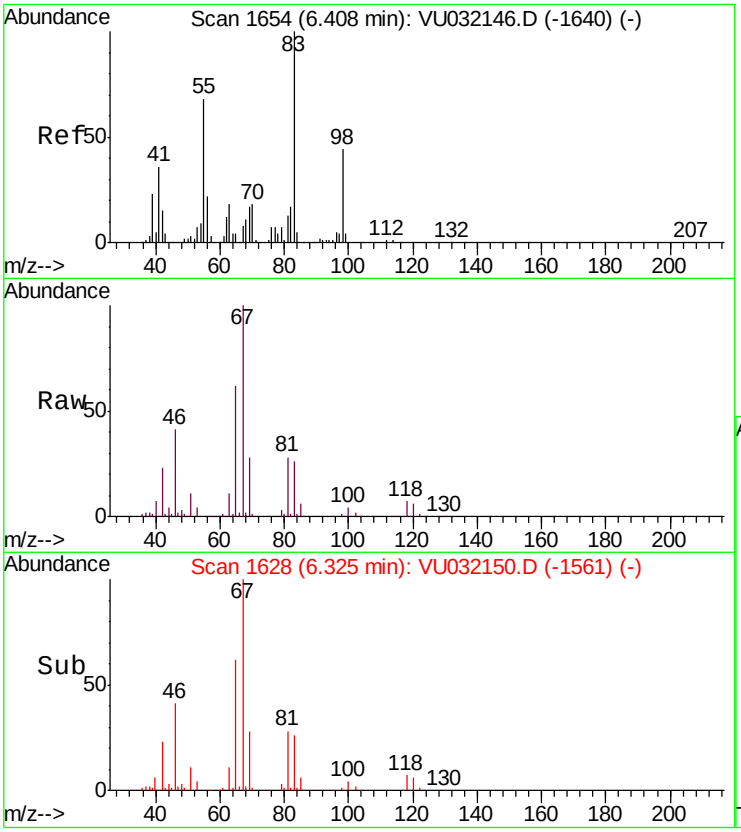


#34
Trichloroethene
Concen: 5.519 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Tgt Ion: 95 Resp: 87734

Ion	Ratio	Lower	Upper
95	100		
97	58.0	45.2	84.0
132	94.5	66.1	122.7
130	94.8	66.7	123.9



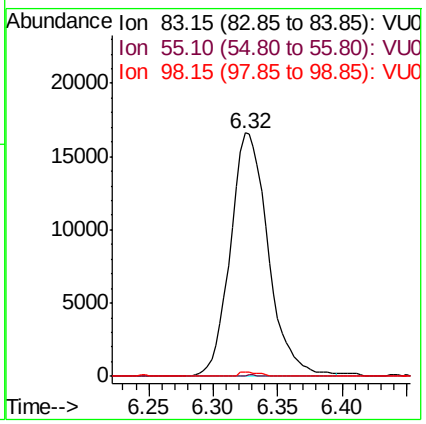


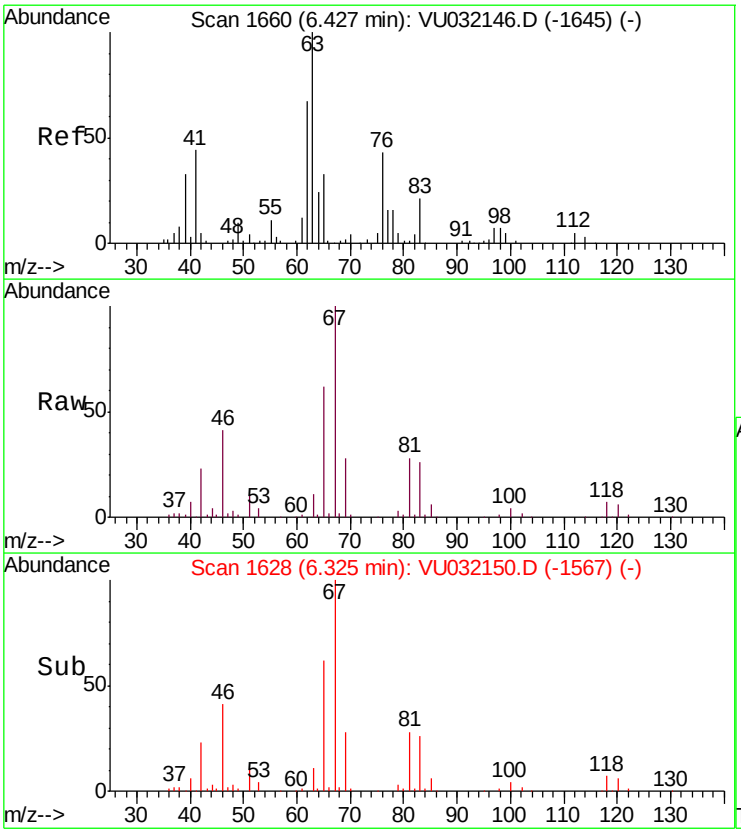
#35
Methylcyclohexane
Concen: 1.481 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
F9W33DL

Tgt Ion: 83 Resp: 33905

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.7	89.5#
98	1.0	36.8	55.2#

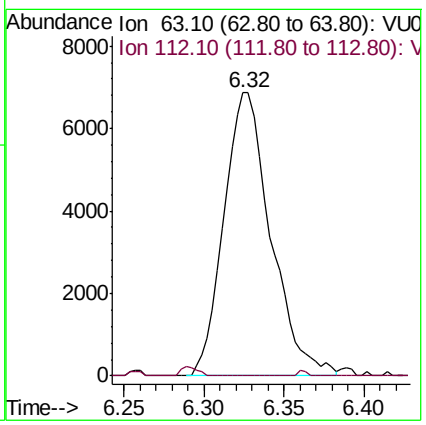


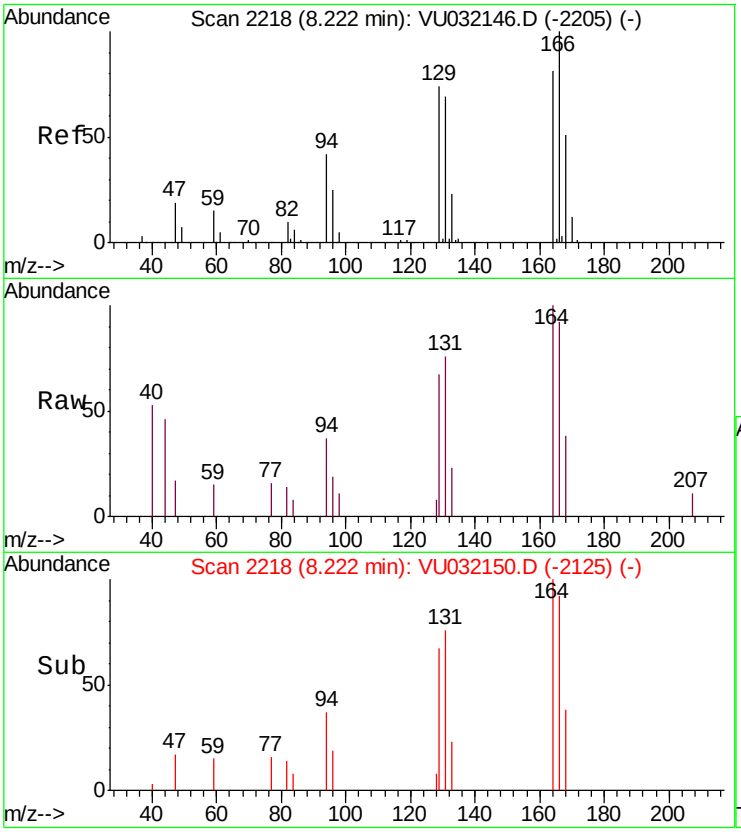


#37
1,2-Dichloropropane
Concen: 0.960 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Tgt Ion: 63 Resp: 13762

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.6#



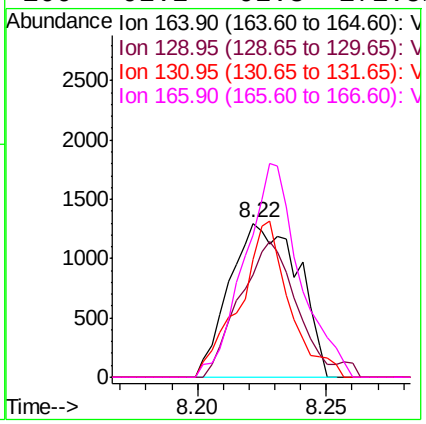


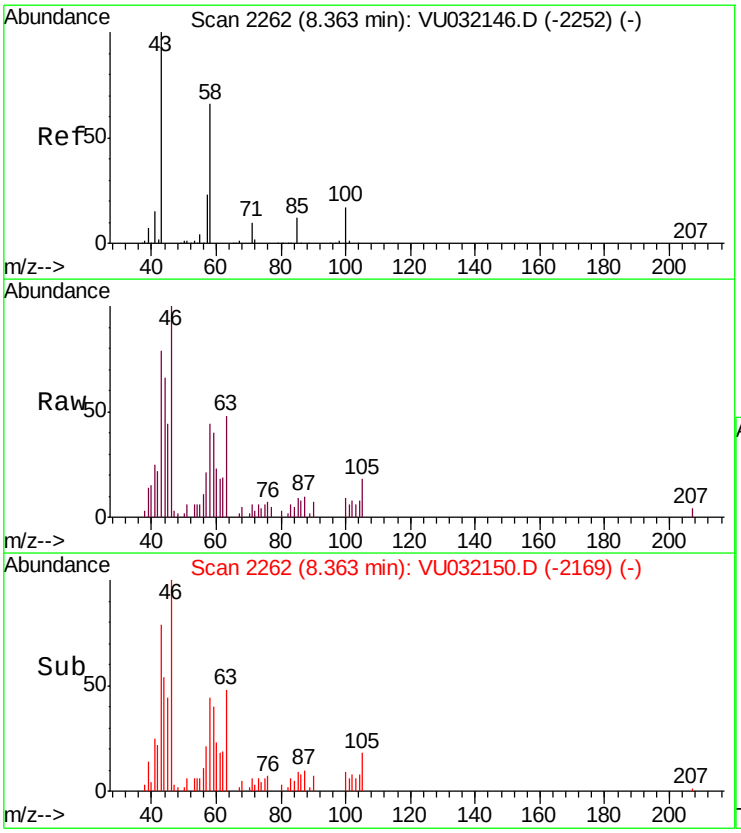
#47
Tetrachloroethene
Concen: 0.203 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Instrument : MSVOA_U
ClientSampleId : F9W33DL

Tgt Ion:164 Resp: 2413

Ion	Ratio	Lower	Upper
164	100		
129	67.1	70.3	130.5#
131	76.2	64.5	119.9
166	92.2	92.3	171.5#

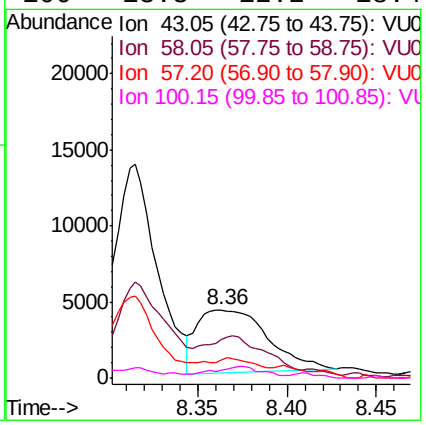


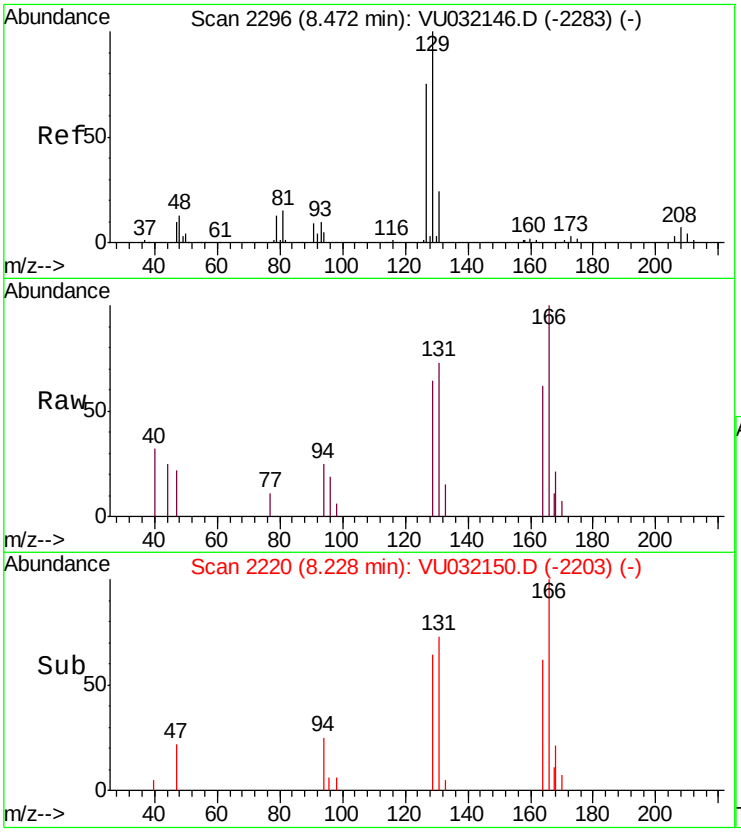


#48
2-Hexanone
Concen: 2.198 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Tgt Ion: 43 Resp: 11327

Ion	Ratio	Lower	Upper
43	100		
58	55.4	51.6	77.4
57	18.0	18.4	27.6#
100	13.3	12.2	18.4



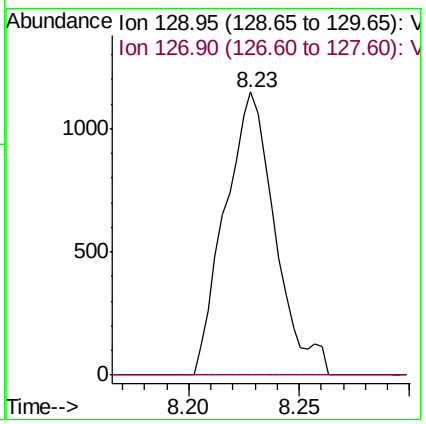


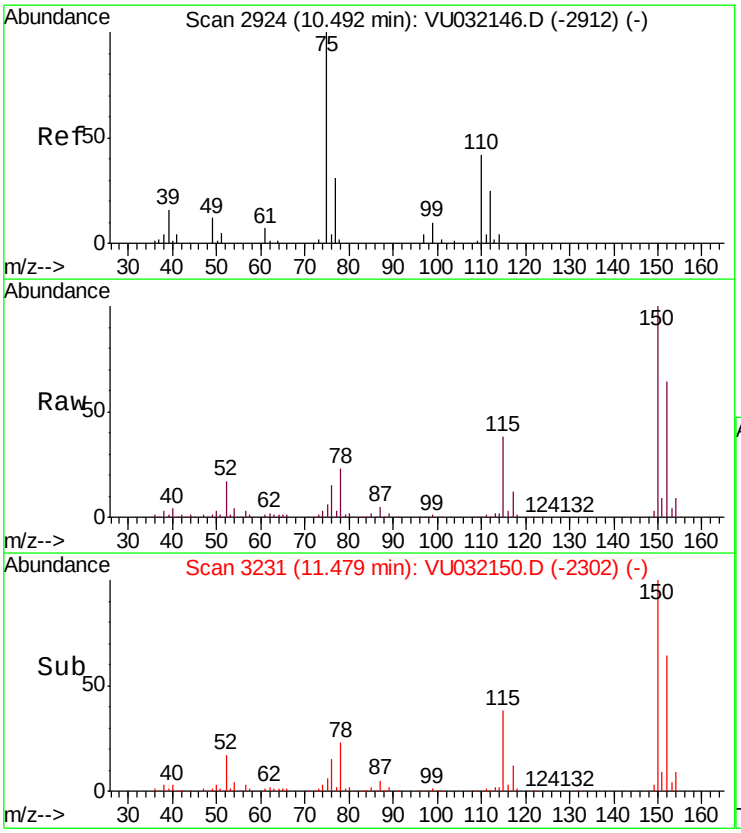
#49
Dibromochloromethane
Concen: 0.148 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. -0.24 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Instrument :
MSVOA_U
ClientSampleId :
F9W33DL

Tgt Ion:129 Resp: 1809

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 1.596 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032150.D
Acq: 20 May 2019 13:12

Tgt Ion: 75 Resp: 14526

Ion	Ratio	Lower	Upper
75	100		
77	39.8	26.2	39.2#