Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\

Quantitation Report (Not Reviewed)

Data File : VU032816.D
Acq On : 18 Jun 2019 12:06
Operator : JC/SP
Sample : K3363-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ5

Quant Time: Jun 19 01:31:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	230810	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	228697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112290	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	74046	46.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.88%			
7) Chloroethane-d5	1.68	69	61611	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.94%			
11) 1,1-Dichloroethene-d2	2.27	63	114097	35.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.82%			
21) 2-Butanone-d5	4.17	46	140142	106.74	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.74%			
24) Chloroform-d	4.64	84	150232	48.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.98%			
26) 1,2-Dichloroethane-d4	5.30	65	105376	51.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.18%			
32) Benzene-d6	5.33	84	298335	50.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.08%			
36) 1,2-Dichloropropane-d6	6.32	67	95984	50.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.08%			
41) Toluene-d8	7.56	98	278849	49.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.90%			
43) trans-1,3-Dichloropropene-	7.85	79	41911	42.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.84%			
47) 2-Hexanone-d5	8.30	63	95400	107.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.58%			
57) 1,1,2,2-Tetrachloroethane-	10.42	84	140304	47.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.58%			
64) 1,2-Dichlorobenzene-d4	11.86	152	111180	51.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.34%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	975	0.632	ug/L #	17
12) 1,1-Dichloroethene	2.26	96	843	0.580	ug/L #	1
13) Acetone	2.32	43	7029	3.876	ug/L	99
15) Methyl Acetate	2.62	43	1445	0.703	ug/L #	82
16) Methylene chloride	2.69	84	2837	1.663	ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	13465	7.842	ug/L	93
34) Trichloroethene	6.18	95	23002	13.067	ug/L	94
35) Methylcyclohexane	6.32	83	22334	8.208	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	11025	6.101	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2752	0.977	ug/L #	72
40) 4-Methyl-2-pentanone	7.41	43	49380	17.115	ug/L #	53
42) Toluene	7.63	91	2894	0.406	ug/L	96
44) trans-1,3-Dichloropropene	7.85	75	2104	0.796	ug/L #	75
46) Tetrachloroethene	8.23	164	2591	1.796	ug/L	92
49) Dibromochloromethane	8.22	129	2534	1.250	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	14138	5.862	ug/L #	84

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\

Quantitation Report (Not Reviewed)

Data File : VU032816.D
Acq On : 18 Jun 2019 12:06
Operator : JC/SP
Sample : K3363-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0JQ5

Quant Time: Jun 19 01:31:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 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\VU061819\

Quantitation Report (Not Reviewed)

Data File : VU032816.D
Acq On : 18 Jun 2019 12:06
Operator : JC/SP
Sample : K3363-17
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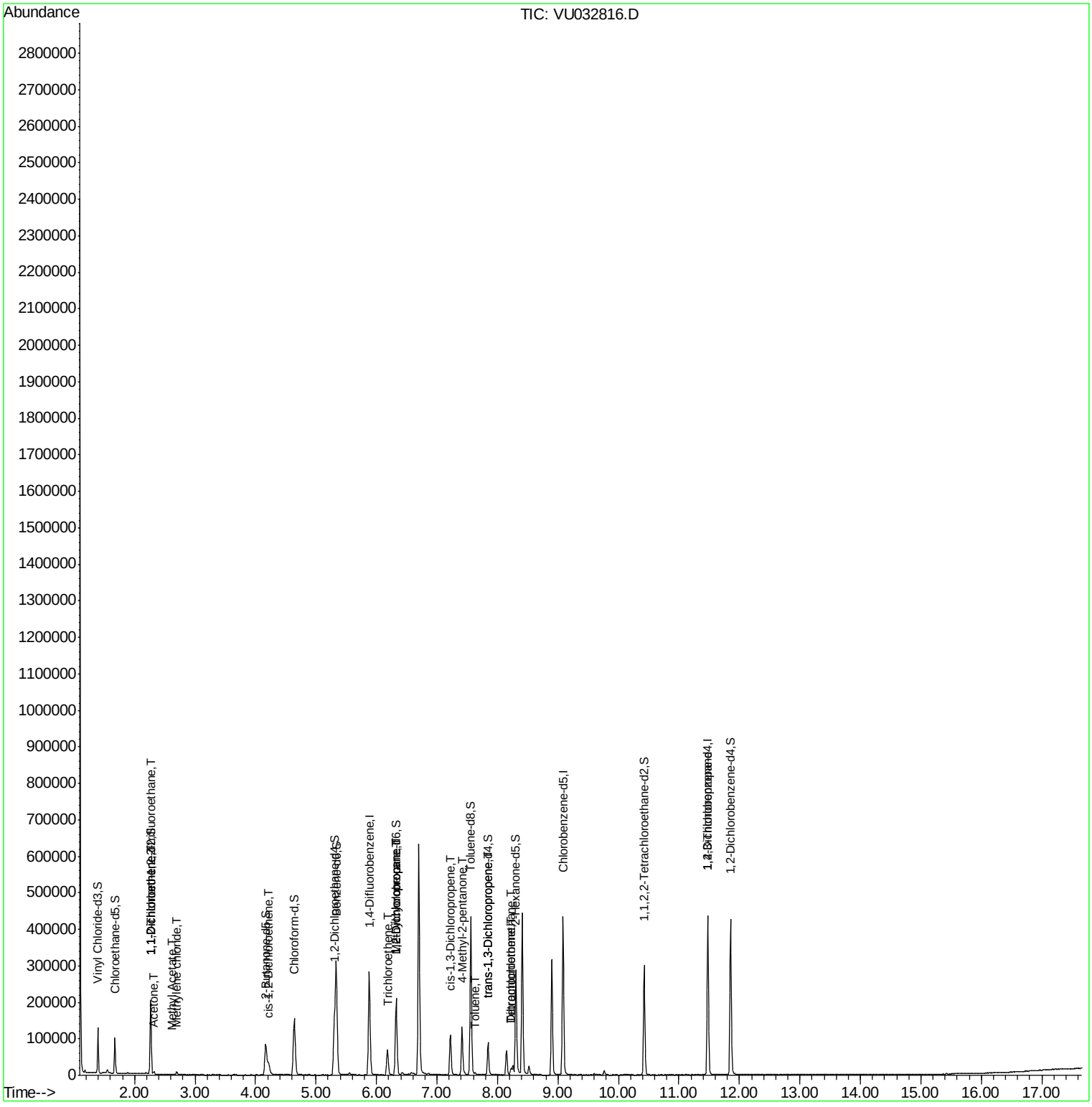
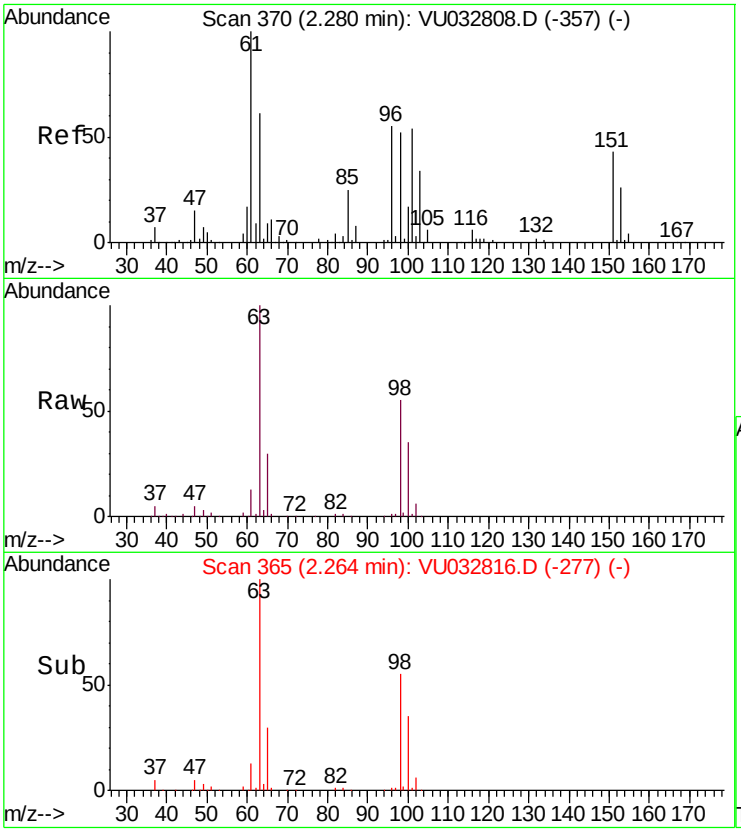
C0JQ5

Quant Time: Jun 19 01:31:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration



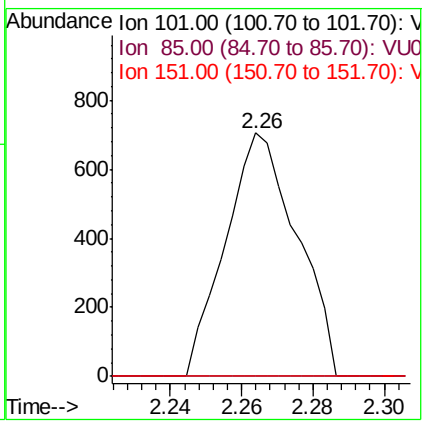


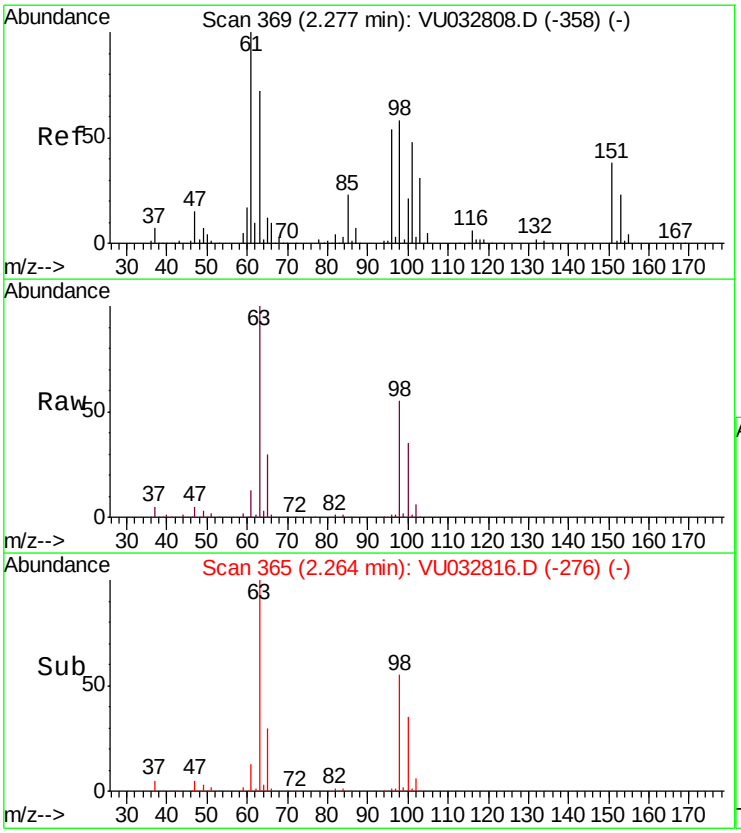
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.632 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.02 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Instrument : MSVOA_U
ClientSampleId : C0JQ5

Tgt Ion:101 Resp: 975

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.8	55.2#
151	0.0	63.6	95.4#

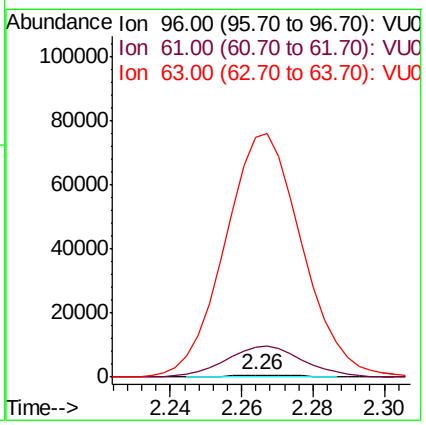


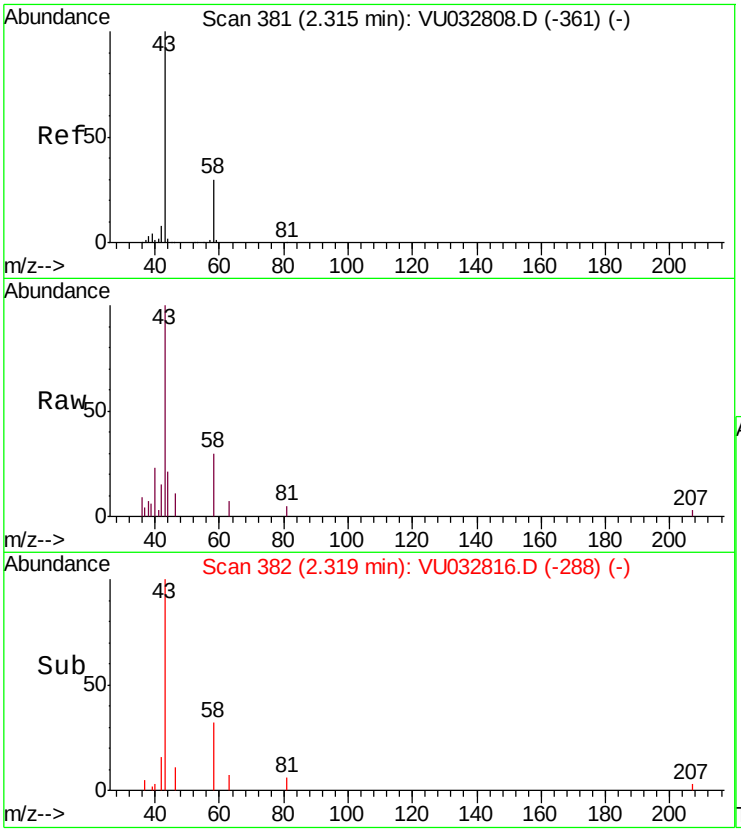


#12
1,1-Dichloroethene
Concen: 0.580 ug/L
RT: 2.26 min Scan# 365
Delta R.T. -0.01 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Tgt Ion: 96 Resp: 843

Ion	Ratio	Lower	Upper
96	100		
61	1611.8	131.0	243.4#
63	12783.6	101.0	187.6#



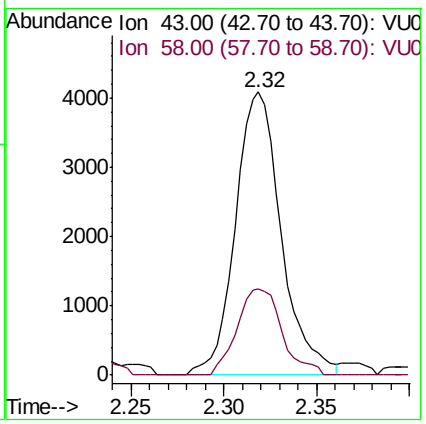


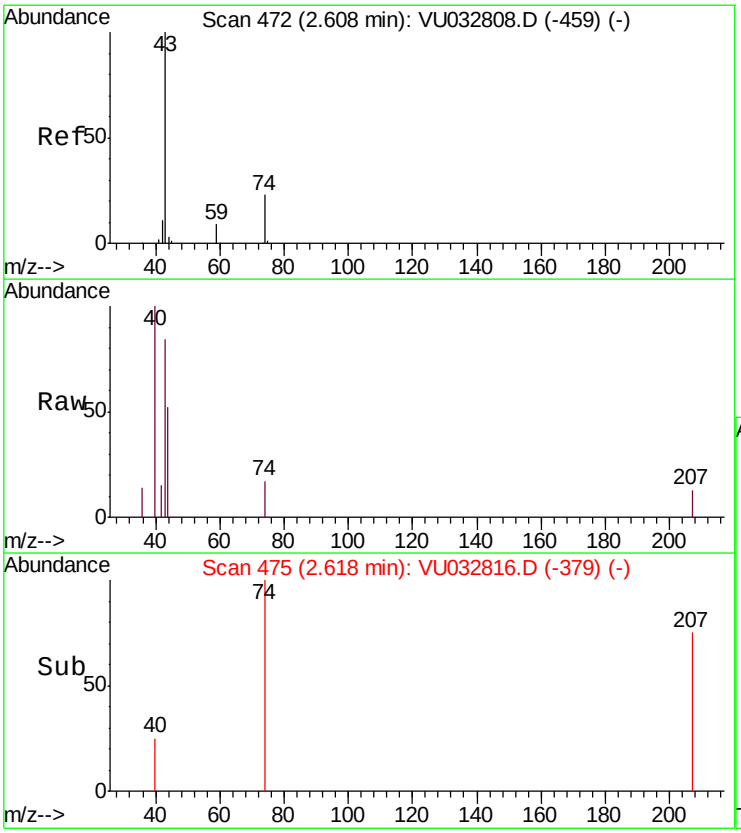
#13
Acetone
Concen: 3.876 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Instrument : MSVOA_U
ClientSampleId : C0JQ5

Tgt Ion: 43 Resp: 7029

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	60.6

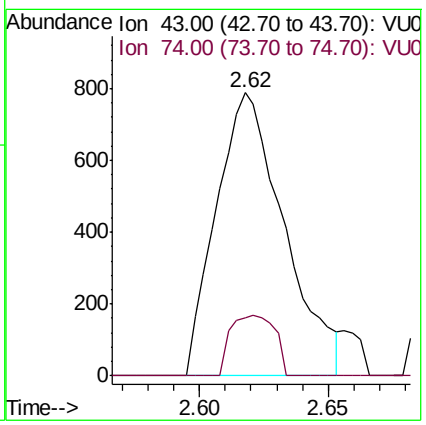


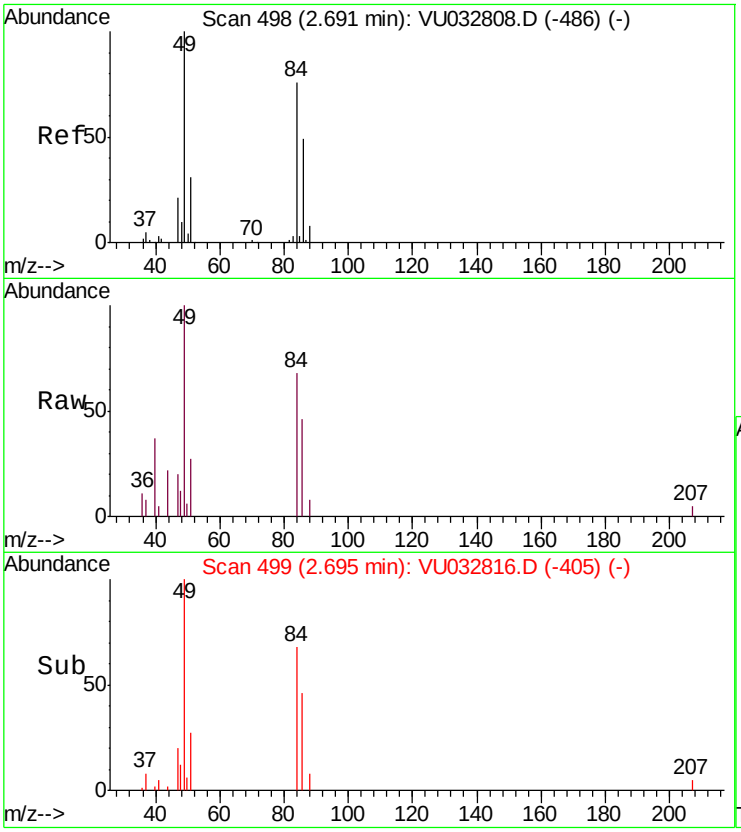


#15
Methyl Acetate
Concen: 0.703 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Tgt Ion: 43 Resp: 1445

Ion	Ratio	Lower	Upper
43	100		
74	13.8	18.1	27.1#



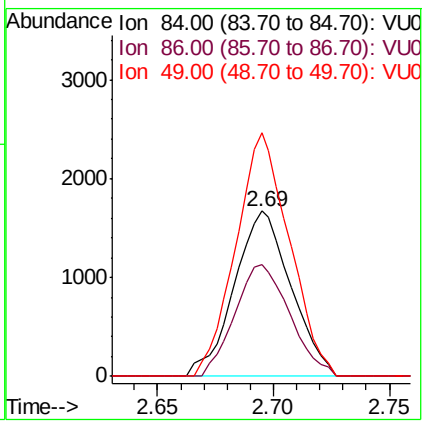


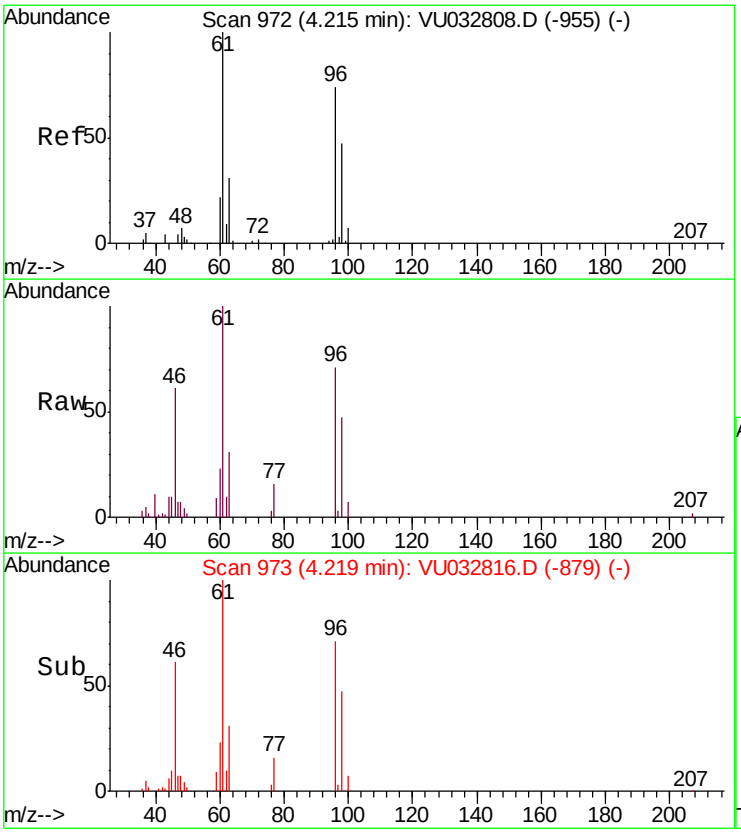
#16
Methylene chloride
Concen: 1.663 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Instrument : MSVOA_U
ClientSampleId : C0JQ5

Tgt Ion: 84 Resp: 2837

Ion	Ratio	Lower	Upper
84	100		
86	67.5	45.5	84.5
49	147.4	92.1	171.1

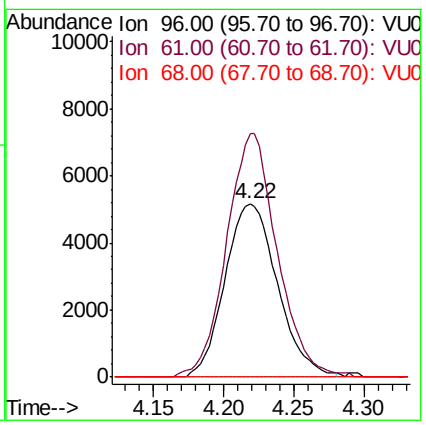


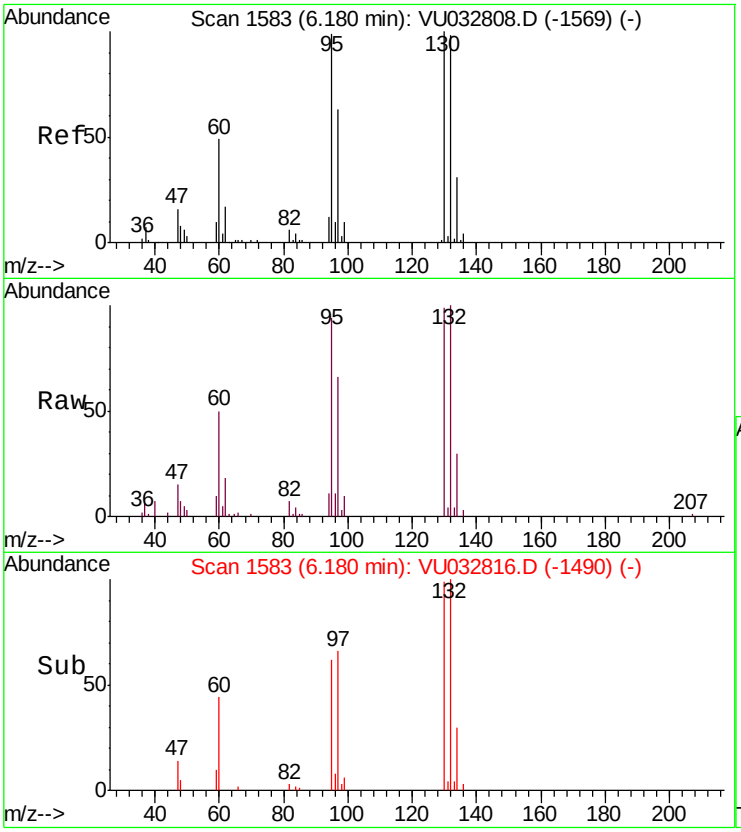


#20
cis-1,2-Dichloroethene
Concen: 7.842 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Tgt Ion: 96 Resp: 13465

Ion	Ratio	Lower	Upper
96	100		
61	140.2	92.4	171.6
68	0.0	0.0	0.0



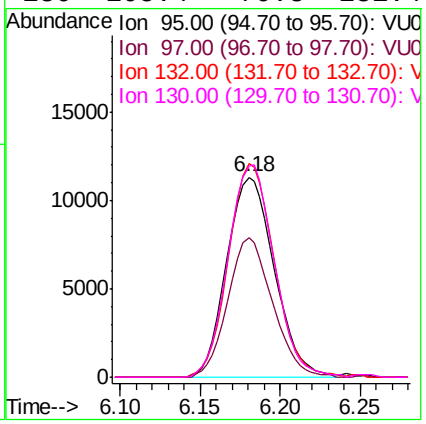


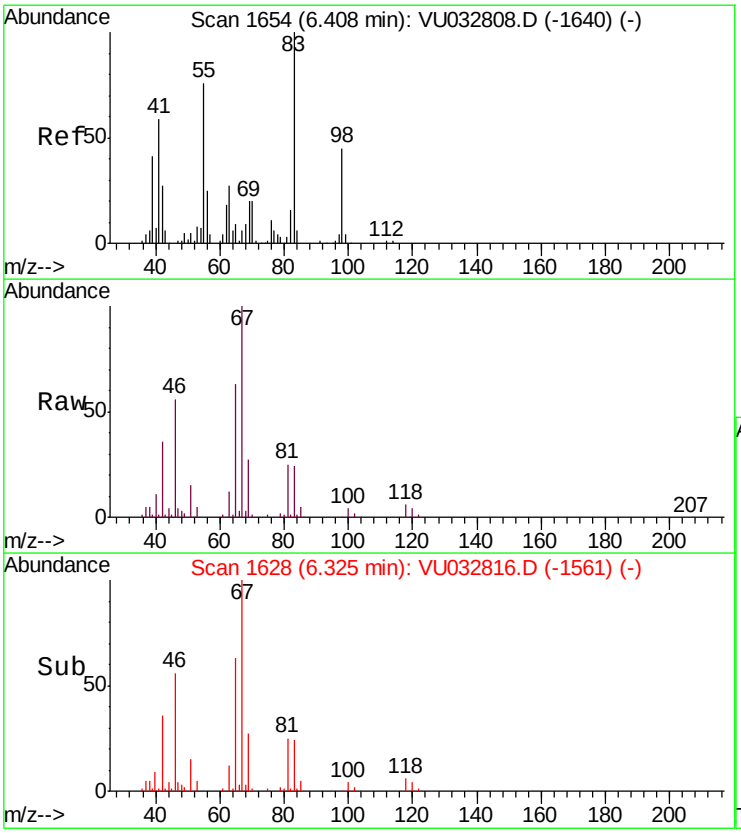
#34
Trichloroethene
Concen: 13.067 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Instrument :
MSVOA_U
ClientSampleId :
C0JQ5

Tgt Ion: 95 Resp: 23002

Ion	Ratio	Lower	Upper
95	100		
97	69.9	45.9	85.3
132	106.7	68.5	127.3
130	105.4	70.8	131.4

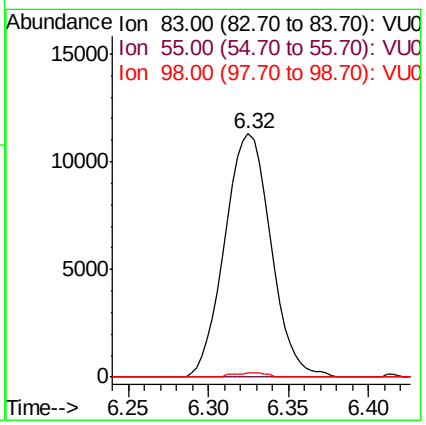


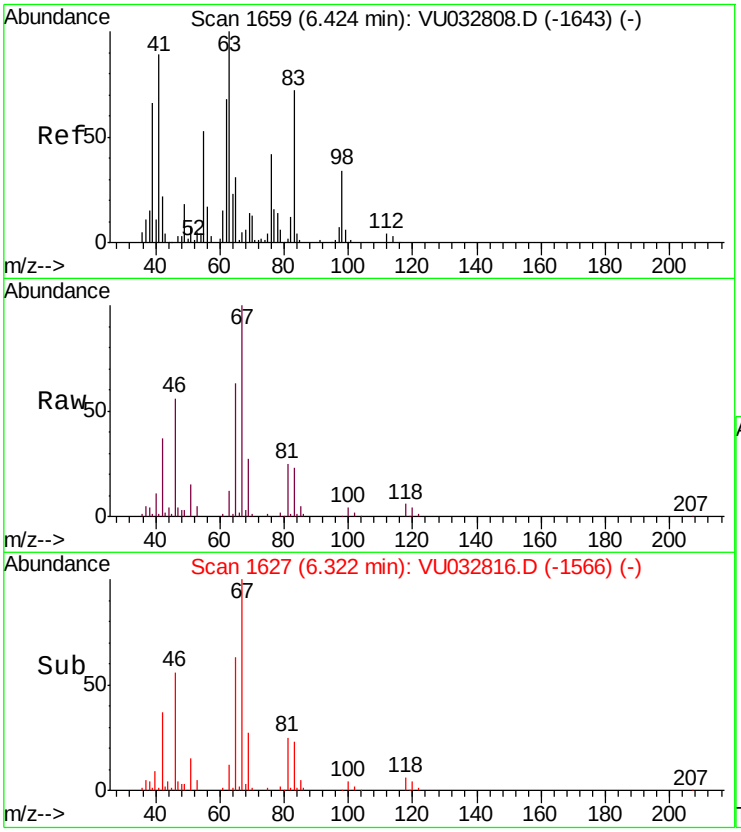


#35
Methylcyclohexane
Concen: 8.208 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Tgt Ion: 83 Resp: 22334

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.3	37.4	56.0#



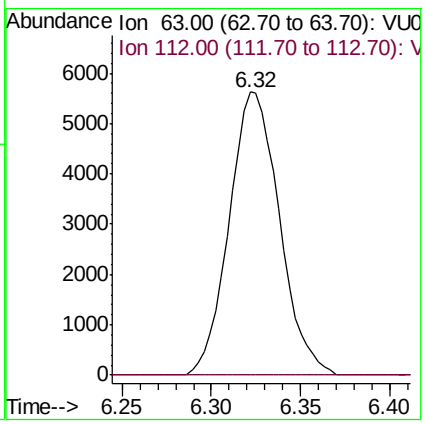


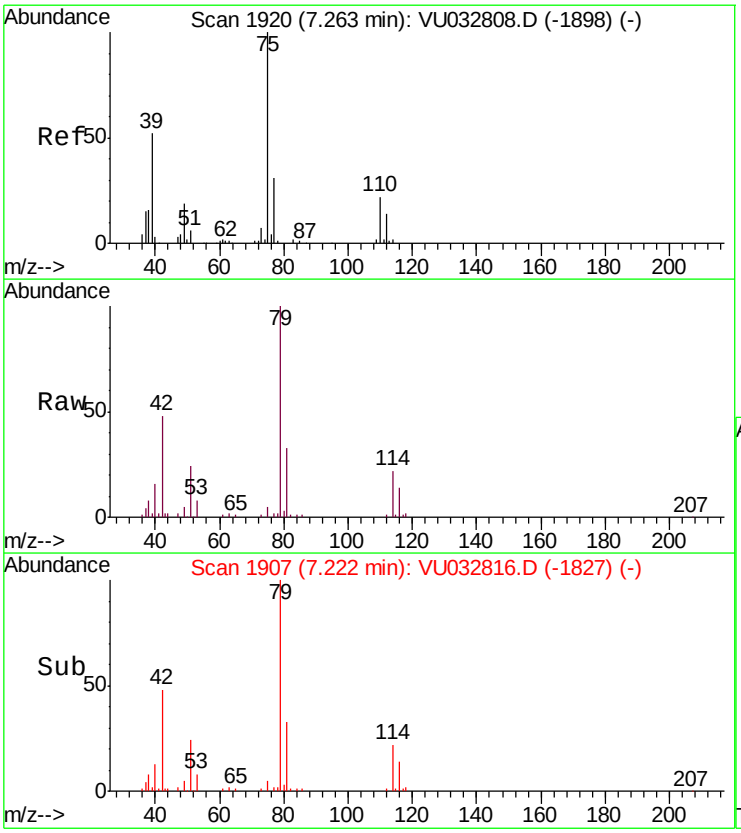
#37
1,2-Dichloropropane
Concen: 6.101 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.10 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Instrument : MSVOA_U
ClientSampleId : C0JQ5

Tgt Ion: 63 Resp: 11025

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#

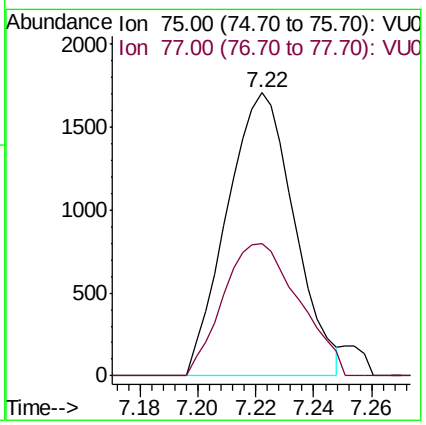


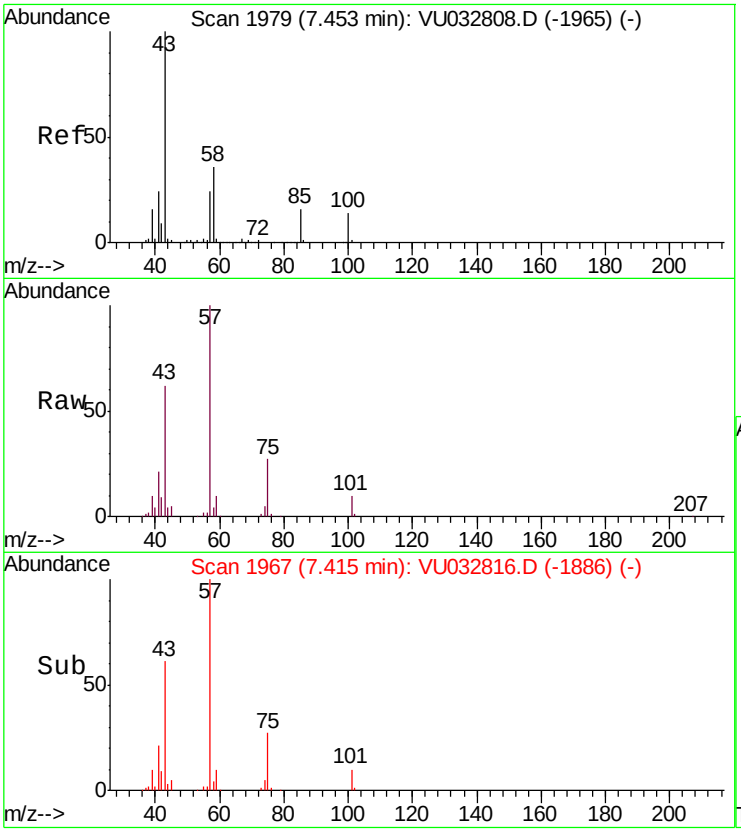


#39
cis-1,3-Dichloropropene
Concen: 0.977 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Tgt Ion: 75 Resp: 2752

Ion	Ratio	Lower	Upper
75	100		
77	46.5	21.9	40.7#



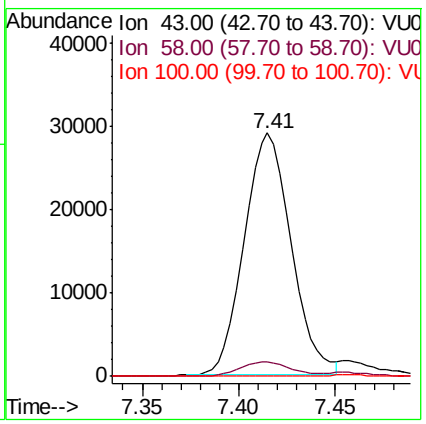


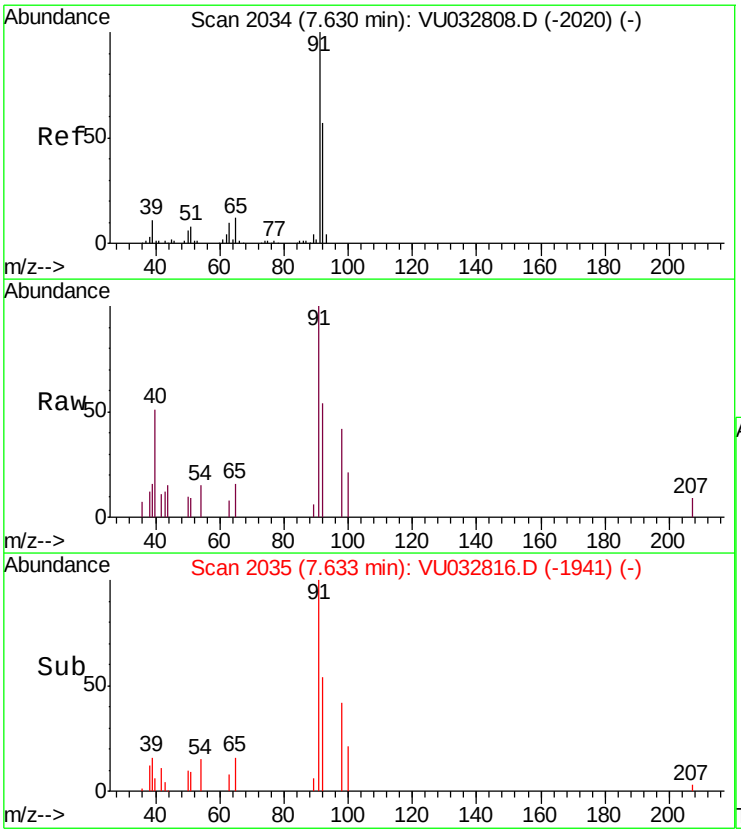
#40
4-Methyl-2-pentanone
Concen: 17.115 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. -0.04 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Instrument : MSVOA_U
ClientSampleId : C0JQ5

Tgt Ion: 43 Resp: 49380

Ion	Ratio	Lower	Upper
43	100		
58	6.2	29.4	44.2#
100	0.0	11.2	16.8#

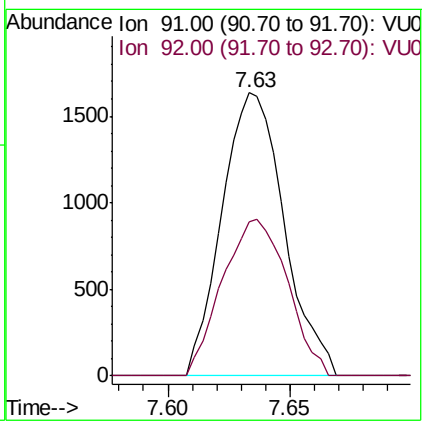


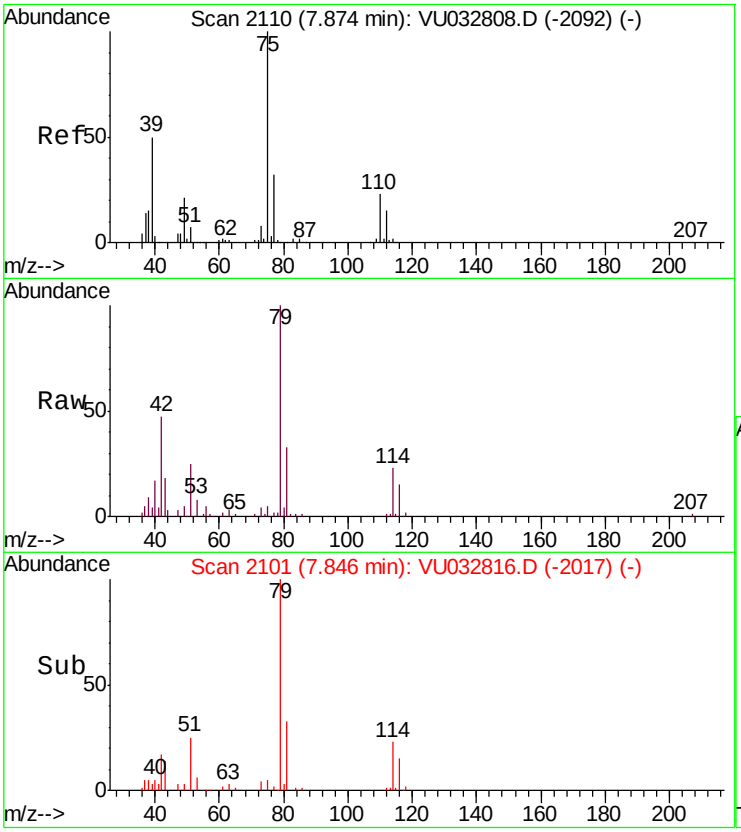


#42
Toluene
Concen: 0.406 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Tgt Ion: 91 Resp: 2894

Ion	Ratio	Lower	Upper
91	100		
92	54.4	40.4	75.0



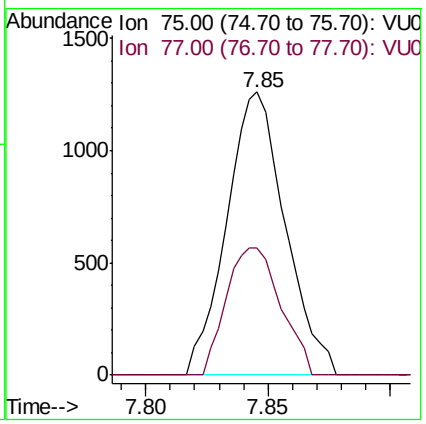


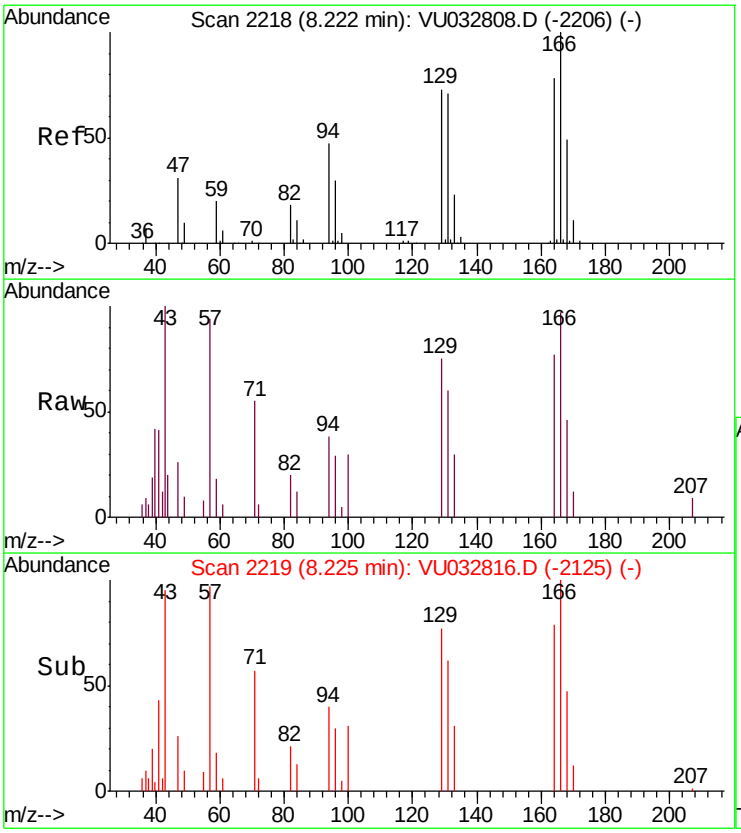
#44
trans-1,3-Dichloropropene
Concen: 0.796 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Instrument : MSVOA_U
ClientSampleId : C0JQ5

Tgt Ion: 75 Resp: 2104

Ion	Ratio	Lower	Upper
75	100		
77	45.1	21.8	40.4#

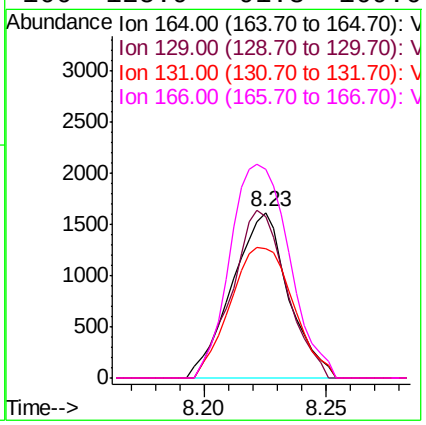


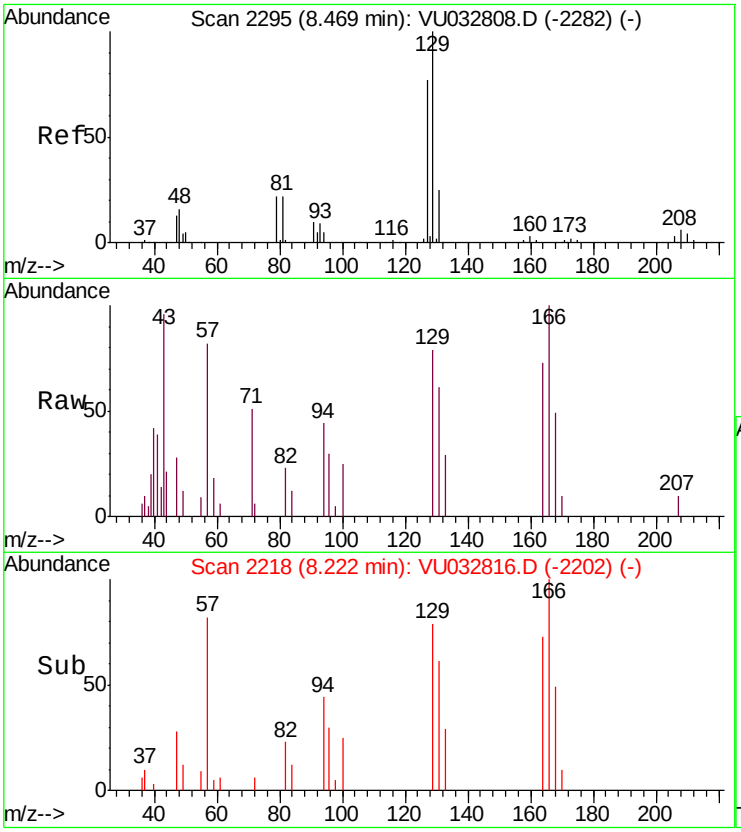


#46
Tetrachloroethene
Concen: 1.796 ug/L
RT: 8.23 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Tgt Ion:164 Resp: 2591

Ion	Ratio	Lower	Upper
164	100		
129	97.3	64.8	120.3
131	77.7	64.5	119.7
166	125.9	91.3	169.6



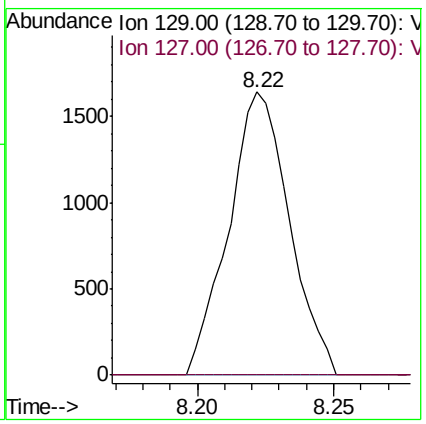


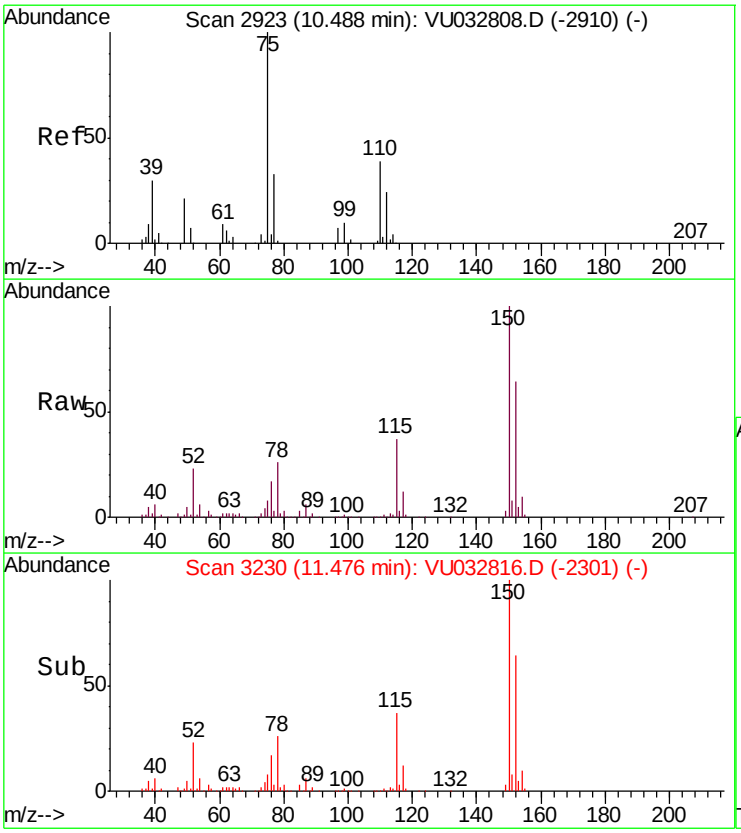
#49
Dibromochloromethane
Concen: 1.250 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Instrument :
MSVOA_U
ClientSampleId :
C0JQ5

Tgt Ion:129 Resp: 2534

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.3	97.1#





#59
1,2,3-Trichloropropane
Concen: 5.862 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032816.D
Acq: 18 Jun 2019 12:06

Tgt Ion: 75 Resp: 14138

Ion	Ratio	Lower	Upper
75	100		
77	40.9	25.5	38.3#