Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\

Quantitation Report (Not Reviewed)

Data File : VU032016.D
Acq On : 15 May 2019 09:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFB43

Quant Time: May 16 04:24:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1061612	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1089498	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	509603	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	388491	41.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.40%			
7) Chloroethane-d5	1.66	69	326388	43.27	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.54%			
11) 1,1-Dichloroethene-d2	2.26	63	732956	43.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.78%			
21) 2-Butanone-d5	4.17	46	575934	88.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 88.29%			
24) Chloroform-d	4.64	84	711326	45.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.24%			
26) 1,2-Dichloroethane-d4	5.30	65	433009	44.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.18%			
32) Benzene-d6	5.33	84	1433762	45.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.92%			
36) 1,2-Dichloropropane-d6	6.32	67	477100	45.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.70%			
41) Toluene-d8	7.56	98	1298592	45.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.90%			
43) trans-1,3-Dichloropropene-	7.85	79	213844	46.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.16%			
47) 2-Hexanone-d5	8.31	63	411565	97.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.52%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	734255	47.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.34%			
64) 1,2-Dichlorobenzene-d4	11.85	152	497906	46.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.86%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	447947	45.831	ug/L	99
3) Chloromethane	1.32	50	477741	43.768	ug/L	98
5) Vinyl chloride	1.40	62	505880	44.242	ug/L	98
6) Bromomethane	1.60	94	224300	37.321	ug/L	96
8) Chloroethane	1.68	64	295738	43.711	ug/L	99
9) Trichlorofluoromethane	1.87	101	581773	44.954	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	366038	46.332	ug/L	98
12) 1,1-Dichloroethene	2.28	96	362416	46.224	ug/L	93
13) Acetone	2.32	43	715219	106.648	ug/L	98
14) Carbon disulfide	2.47	76	1129472	44.598	ug/L	99
15) Methyl Acetate	2.61	43	438528	43.065	ug/L #	100
16) Methylene chloride	2.69	84	427442	44.705	ug/L	99
17) trans-1,2-Dichloroethene	2.97	96	377245	46.252	ug/L	97
18) Methyl tert-butyl Ether	2.99	73	1187583	47.384	ug/L	99
19) 1,1-Dichloroethane	3.44	63	740253	46.219	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	425168	47.127	ug/L	97
22) 2-Butanone	4.26	43	807761	104.425	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\

Quantitation Report (Not Reviewed)

Data File : VU032016.D
Acq On : 15 May 2019 09:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFB43

Quant Time: May 16 04:24:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	205174	46.402	ug/L	98
25) Chloroform	4.67	83	721495	45.582	ug/L	97
27) 1,2-Dichloroethane	5.40	62	568891	46.435	ug/L	99
29) Cyclohexane	4.99	56	669611	50.140	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	572357	45.306	ug/L	100
31) Carbon tetrachloride	5.13	117	485049	46.023	ug/L	99
33) Benzene	5.38	78	1675330	46.944	ug/L	100
34) Trichloroethene	6.18	95	410059	46.397	ug/L	98
35) Methylcyclohexane	6.41	83	669013	49.366	ug/L	100
37) 1,2-Dichloropropane	6.42	63	447548	46.691	ug/L	100
38) Bromodichloromethane	6.75	83	548578	46.835	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	662620	48.690	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1252125	96.278	ug/L	100
42) Toluene	7.63	91	1797903	49.094	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	575789	48.177	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	416046	47.337	ug/L	99
46) Tetrachloroethene	8.22	164	307216	49.234	ug/L	98
48) 2-Hexanone	8.36	43	1121603	106.257	ug/L	100
49) Dibromochloromethane	8.47	129	417695	47.378	ug/L	100
50) 1,2-Dibromoethane	8.58	107	434877	46.755	ug/L	99
51) Chlorobenzene	9.12	112	1095876	47.130	ug/L	99
52) Ethylbenzene	9.24	91	1940568	49.517	ug/L	100
53) m,p-Xylene	9.37	106	745968	52.159	ug/L	98
54) o-xylene	9.77	106	731596	51.808	ug/L	100
55) Styrene	9.79	104	1292069	53.303	ug/L	99
56) Isopropylbenzene	10.16	105	1893916	52.345	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	748180	47.161	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	578684	46.284	ug/L	98
61) Bromoform	9.95	173	311763	45.838	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	820337	49.201	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	838556	47.548	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	852345	48.241	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	147219	43.130	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	605730	50.658	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	483857	52.537	ug/L	99
69) Naphthalene	13.74	128	1594197	51.989	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	520101	51.877	ug/L	99

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

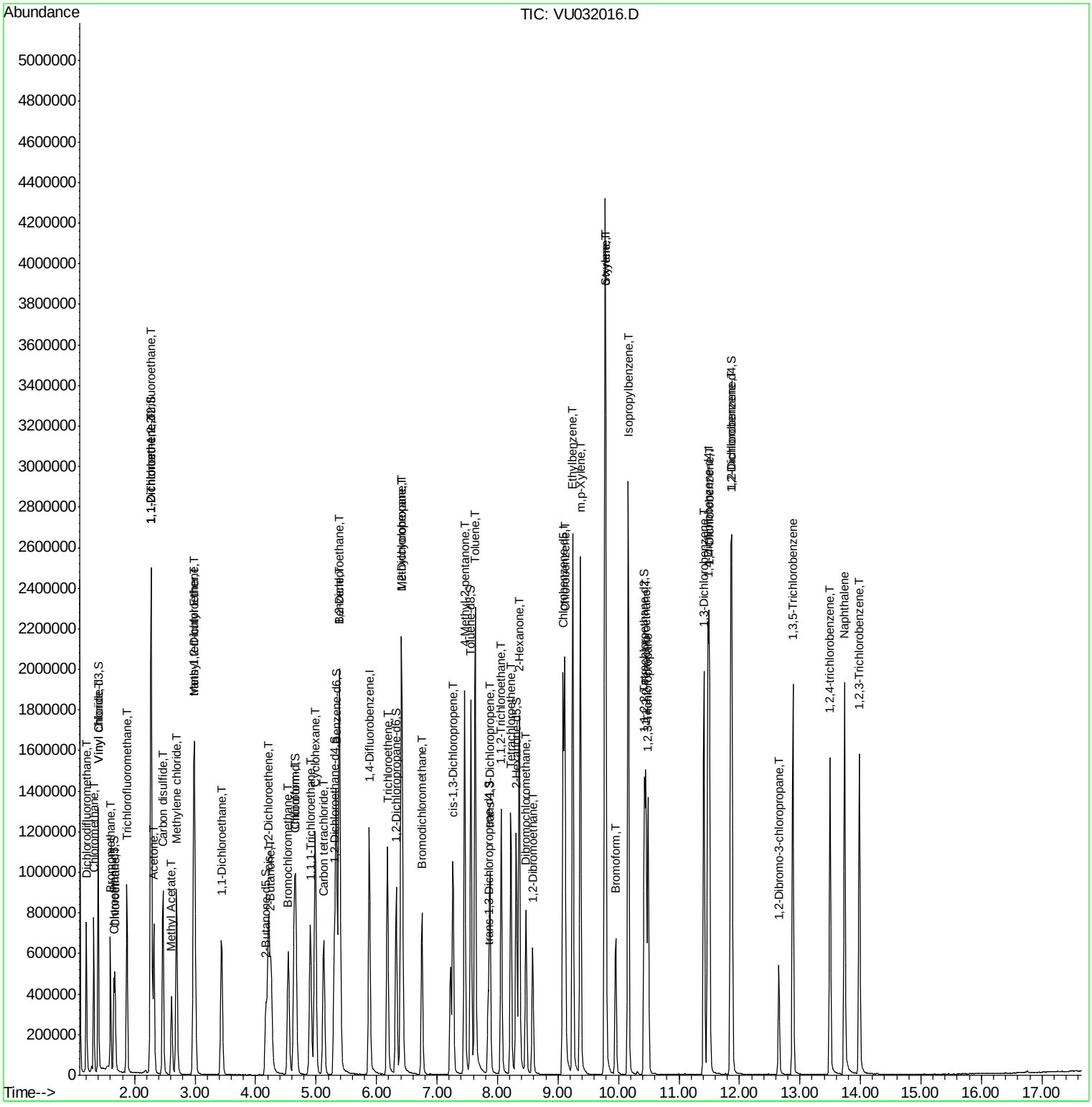
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051519\

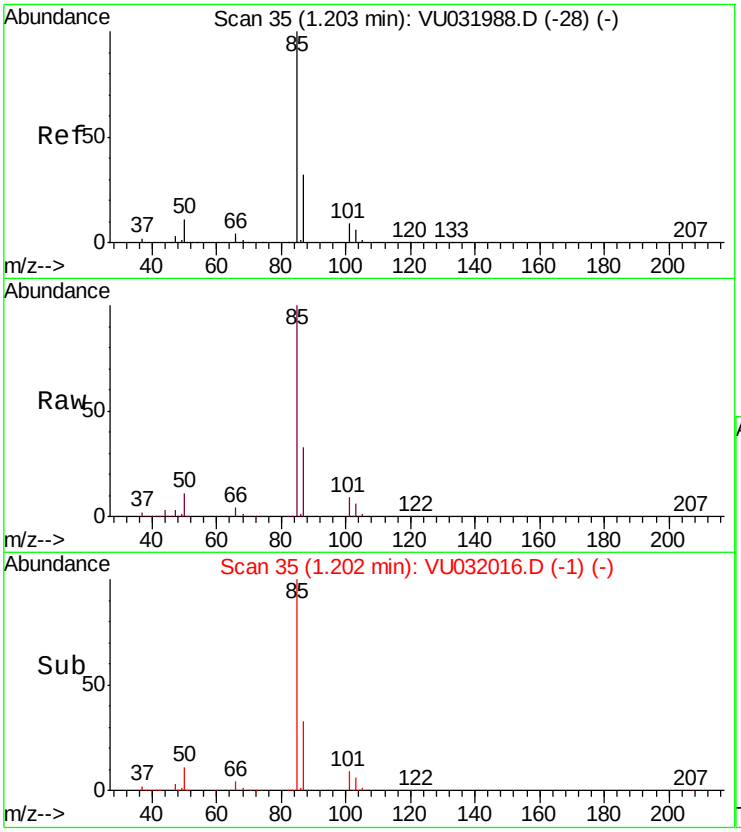
Quantitation Report (Not Reviewed)

Data File : VU032016.D
Acq On : 15 May 2019 09:02
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Quant Time: May 16 04:24:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 04:26:34 2019
Response via : Initial Calibration



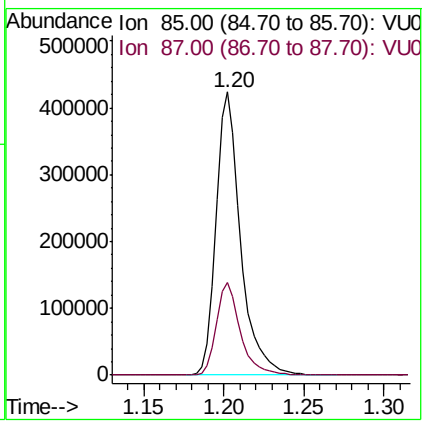


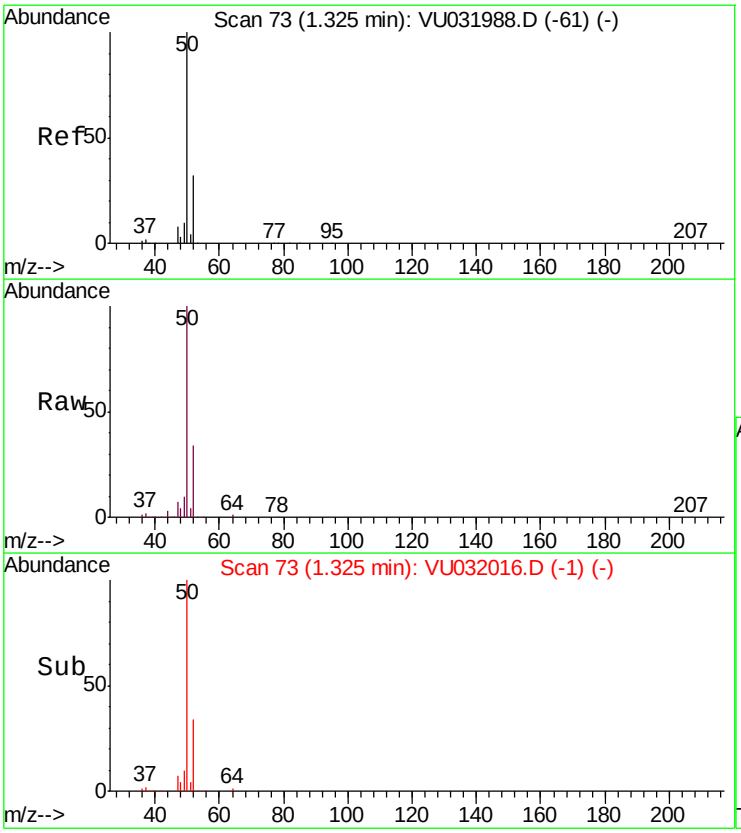
#2
Dichlorodifluoromethane
Concen: 45.831 ug/L
RT: 1.20 min Scan# 35
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument : MSVOA_U
ClientSampleId : BFB43

Tgt Ion: 85 Resp: 447947

Ion	Ratio	Lower	Upper
85	100		
87	32.1	25.4	38.0

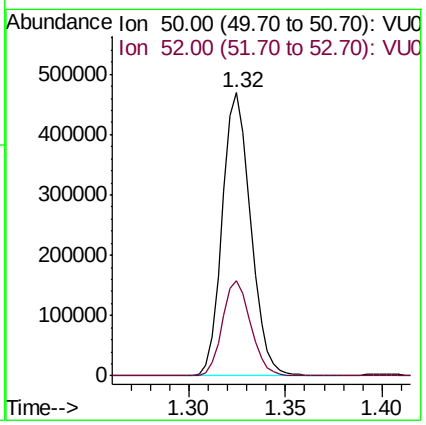


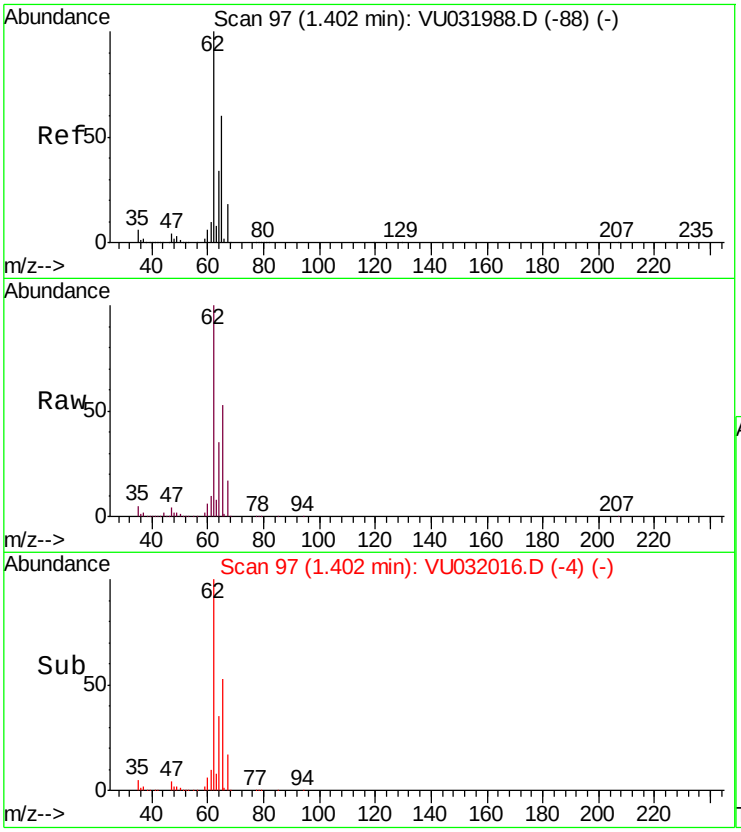


#3
Chloromethane
Concen: 43.768 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 50 Resp: 477741

Ion	Ratio	Lower	Upper
50	100		
52	33.6	23.0	42.6



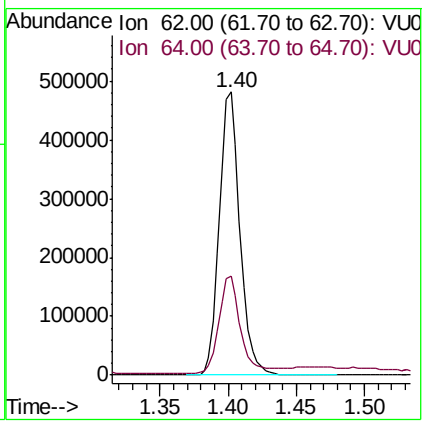


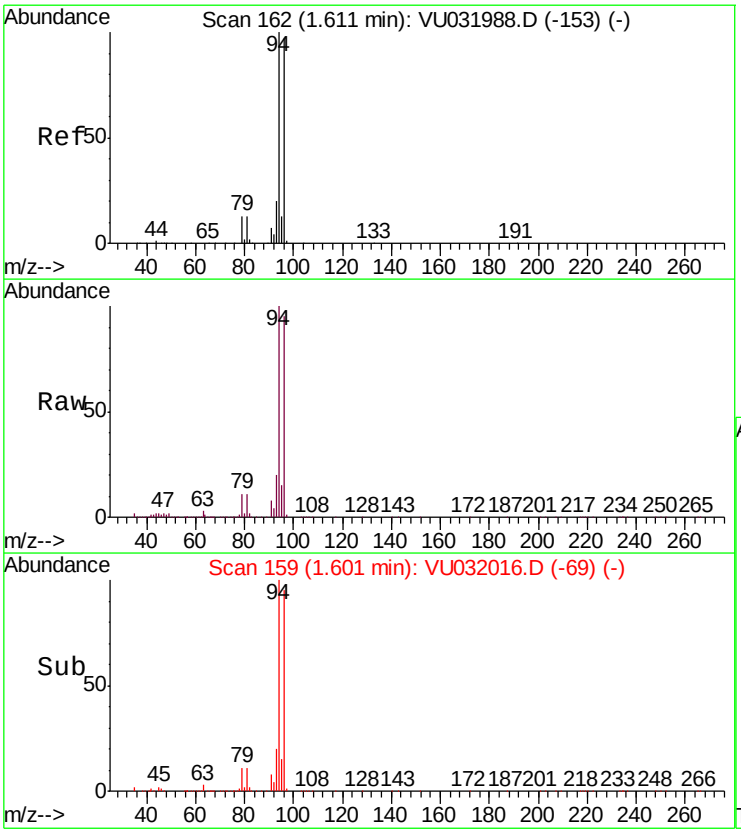
#5
Vinyl chloride
Concen: 44.242 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 62 Resp: 505880

Ion	Ratio	Lower	Upper
62	100		
64	34.9	23.6	43.8

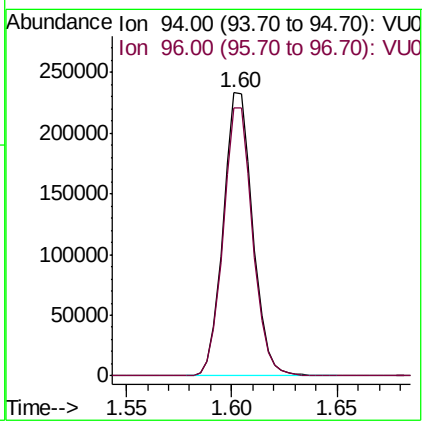


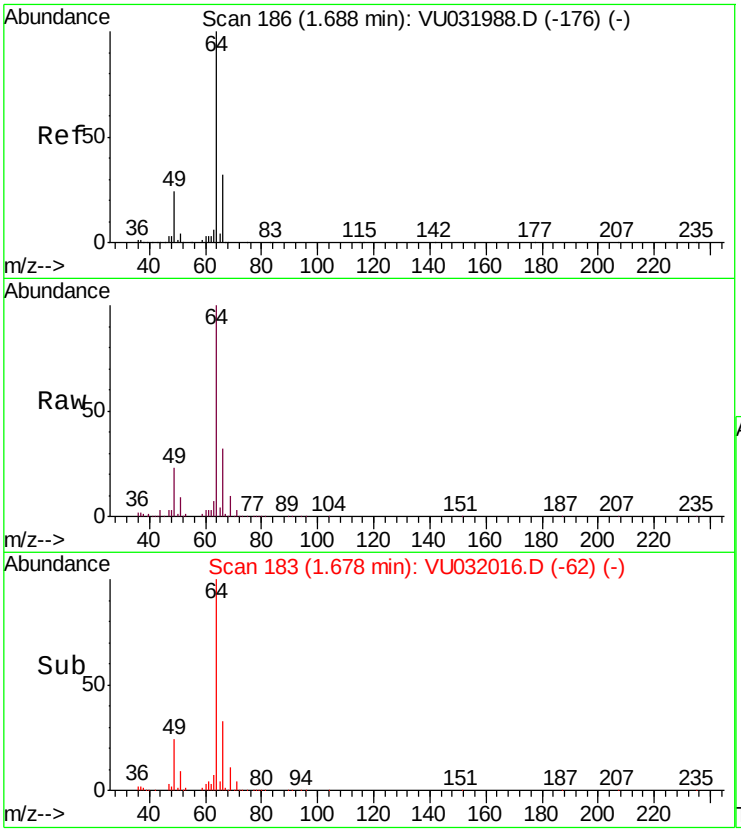


#6
Bromomethane
Concen: 37.321 ug/L
RT: 1.60 min Scan# 159
Delta R.T. -0.01 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 94 Resp: 224300

Ion	Ratio	Lower	Upper
94	100		
96	94.7	64.0	118.8



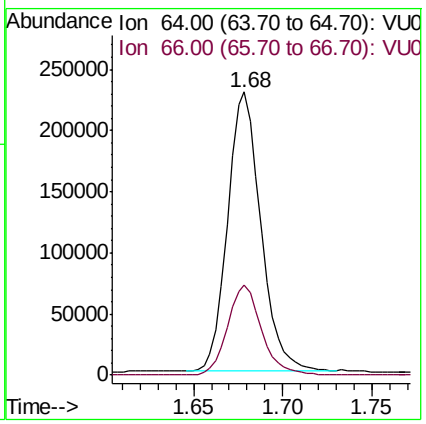


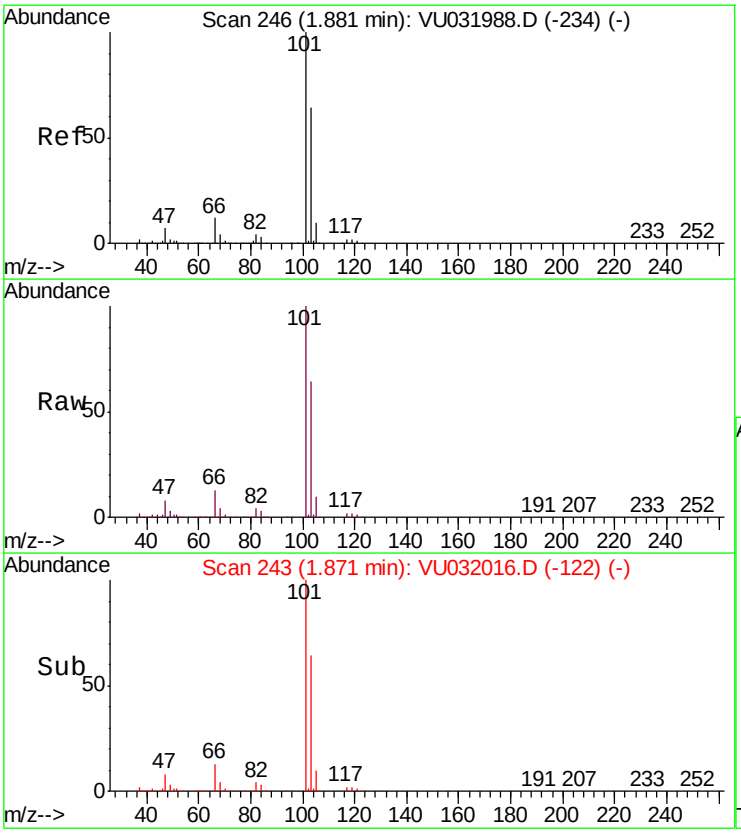
#8
Chloroethane
Concen: 43.711 ug/L
RT: 1.68 min Scan# 183
Delta R.T. -0.01 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 64 Resp: 295738

Ion	Ratio	Lower	Upper
64	100		
66	31.6	22.7	42.1

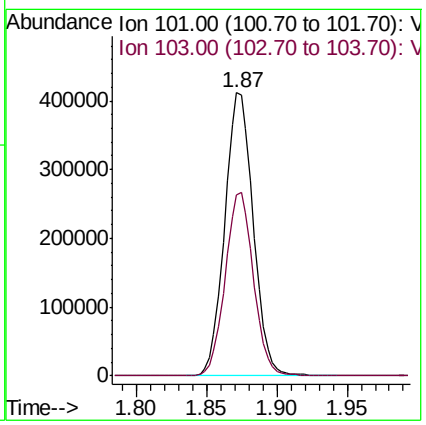


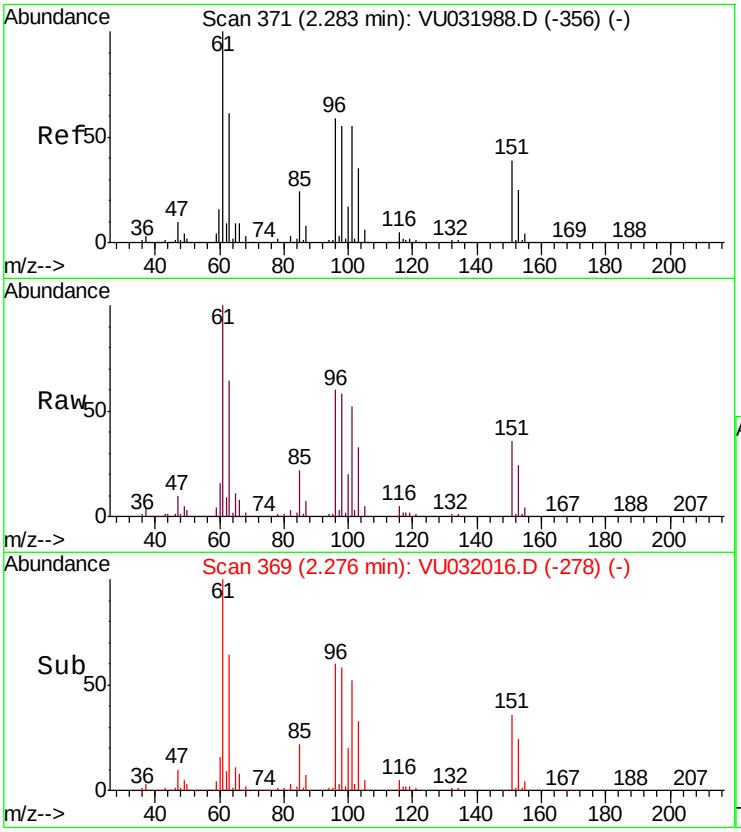


#9
Trichlorofluoromethane
Concen: 44.954 ug/L
RT: 1.87 min Scan# 243
Delta R.T. -0.01 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:101 Resp: 581773

Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.2	78.2



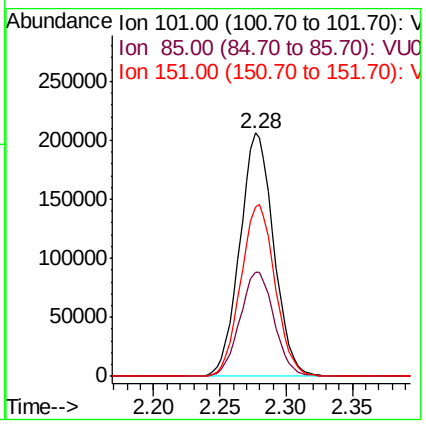


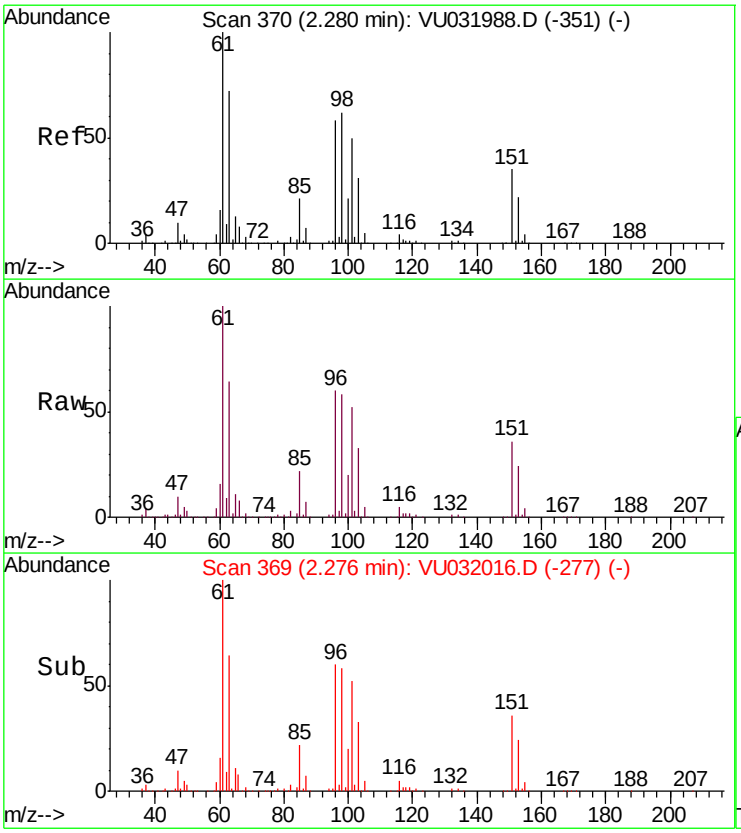
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.332 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.01 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion:101 Resp: 366038

Ion	Ratio	Lower	Upper
101	100		
85	43.3	34.1	51.1
151	71.4	55.8	83.8

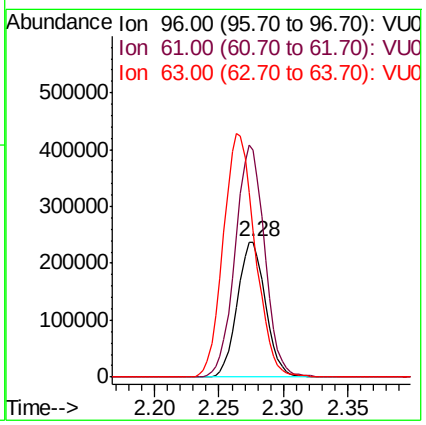


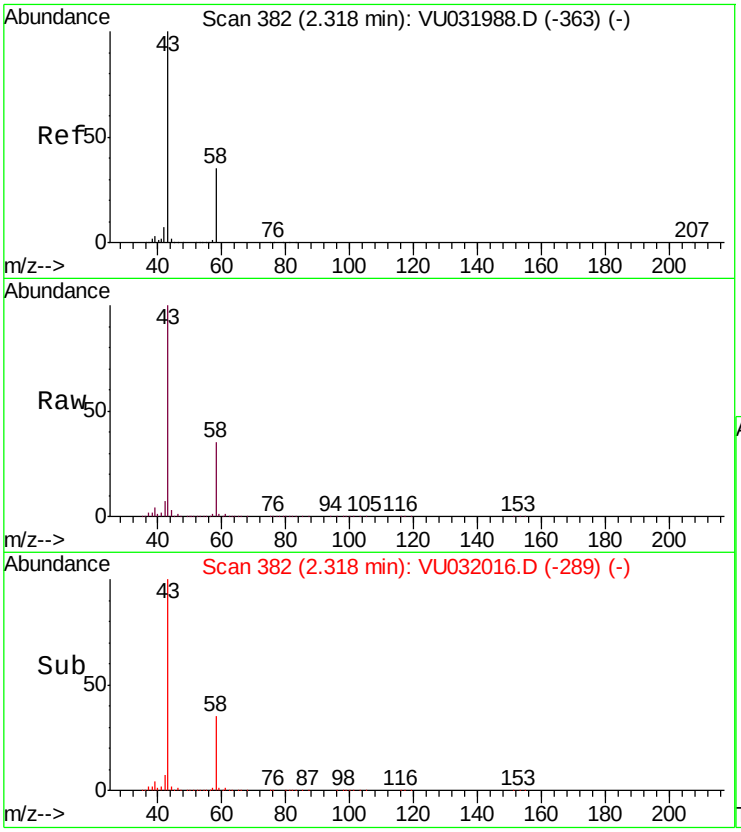


#12
1,1-Dichloroethene
Concen: 46.224 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 96 Resp: 362416

Ion	Ratio	Lower	Upper
96	100		
61	167.7	120.9	224.5
63	108.1	84.4	156.8



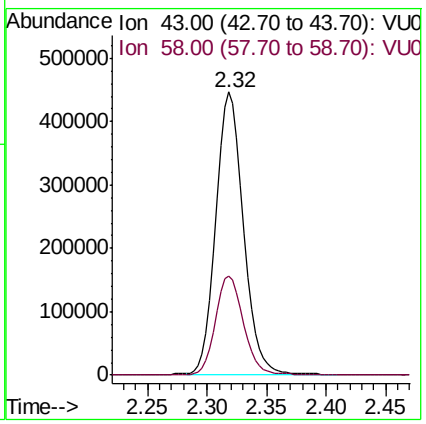


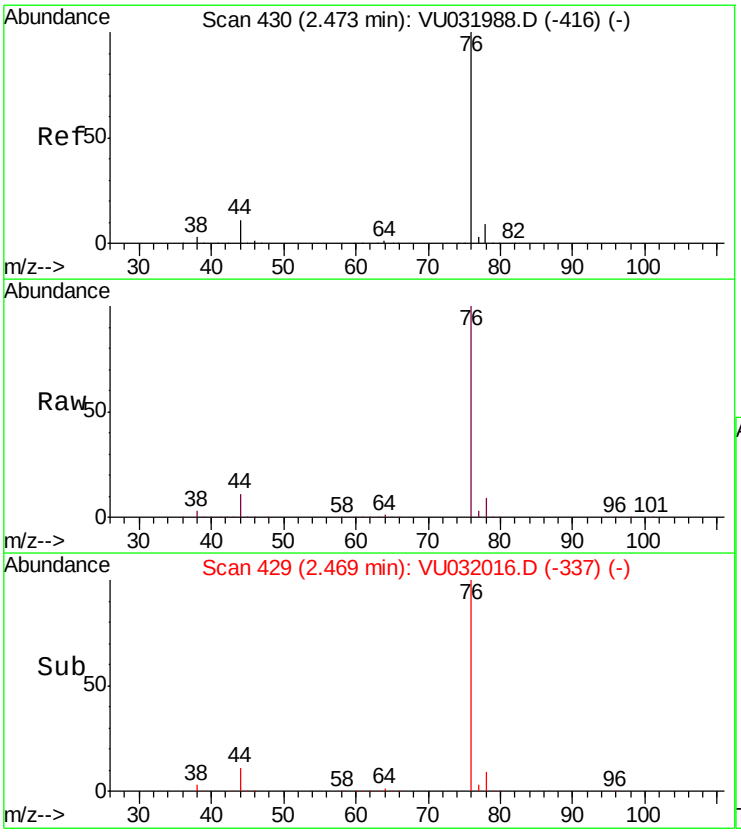
#13
Acetone
Concen: 106.648 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 43 Resp: 715219

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	68.2

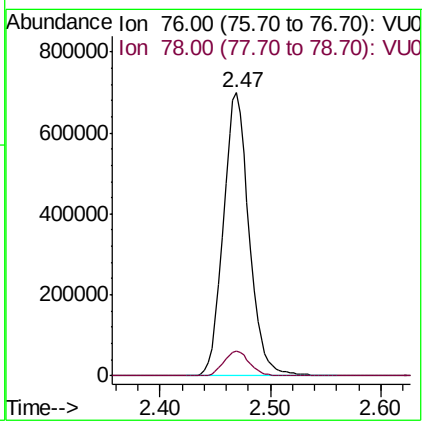


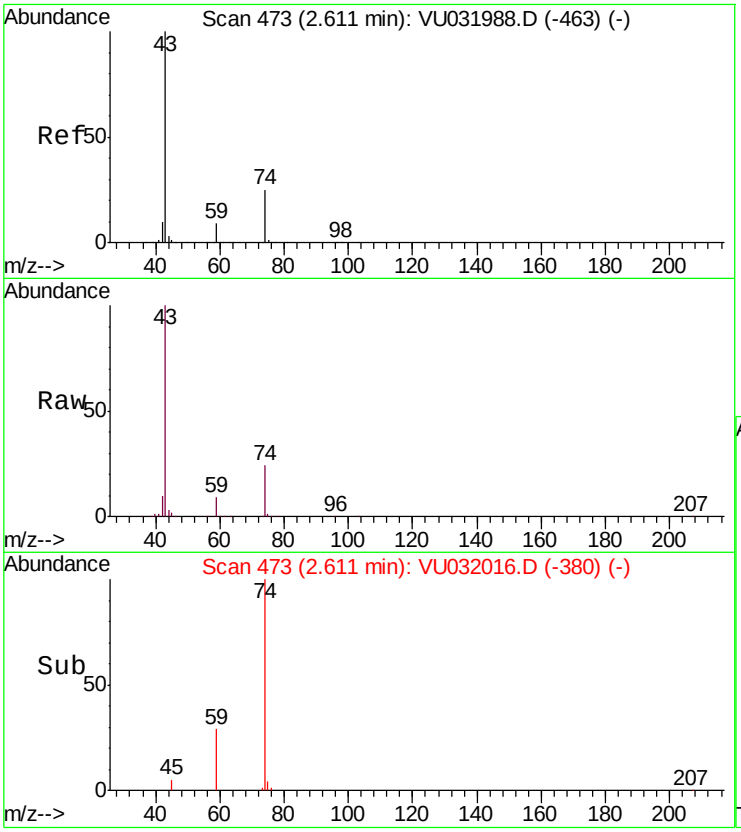


#14
Carbon disulfide
Concen: 44.598 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 76 Resp: 1129472

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2



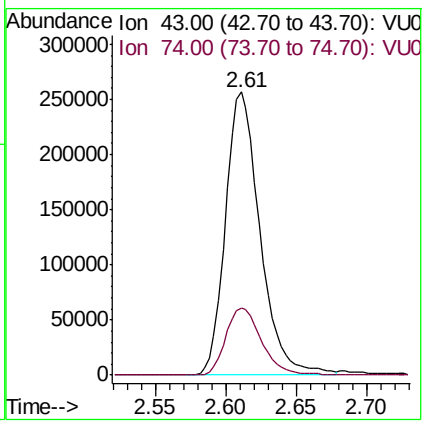


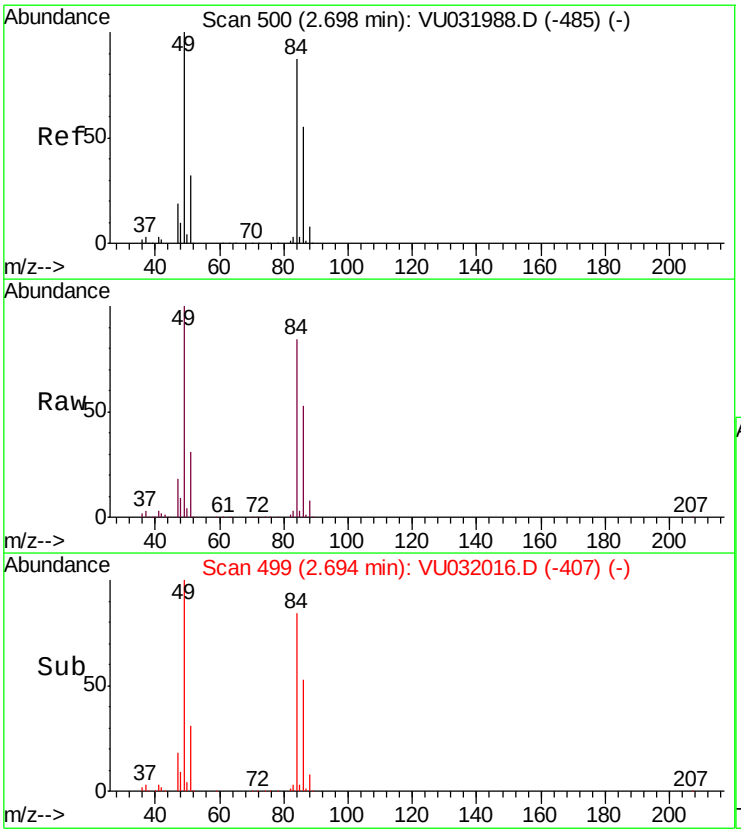
#15
Methyl Acetate
Concen: 43.065 ug/L
RT: 2.61 min Scan# 473
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 43 Resp: 438528

Ion	Ratio	Lower	Upper
43	100		
74	24.4	0.0	0.0#

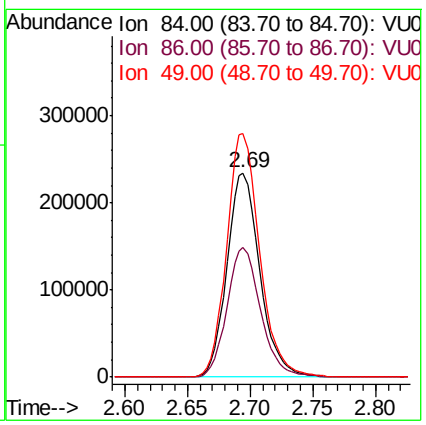


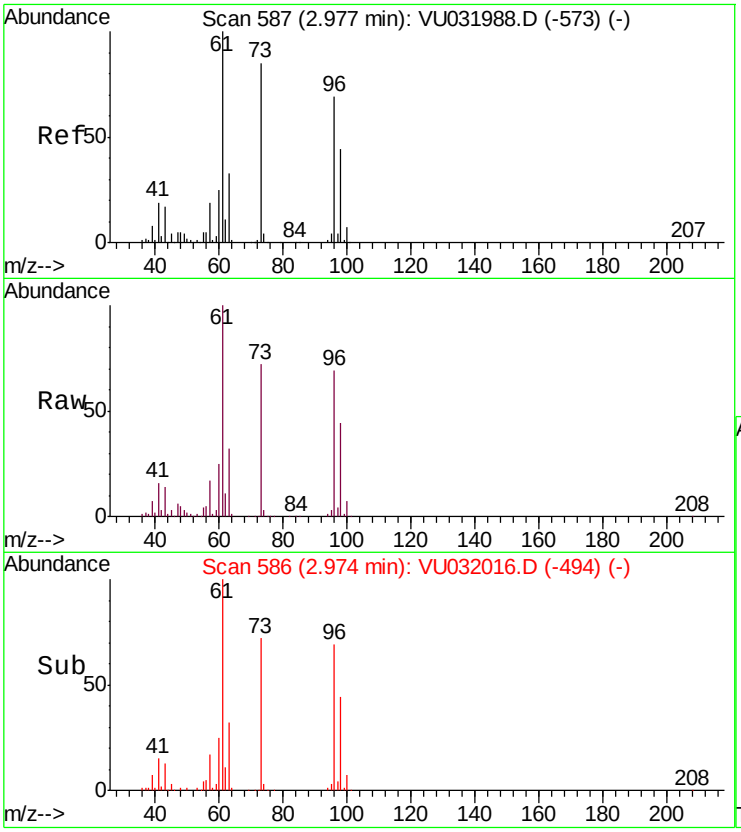


#16
Methylene chloride
Concen: 44.705 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 84 Resp: 427442

Ion	Ratio	Lower	Upper
84	100		
86	63.3	45.8	85.0
49	119.0	83.3	154.7



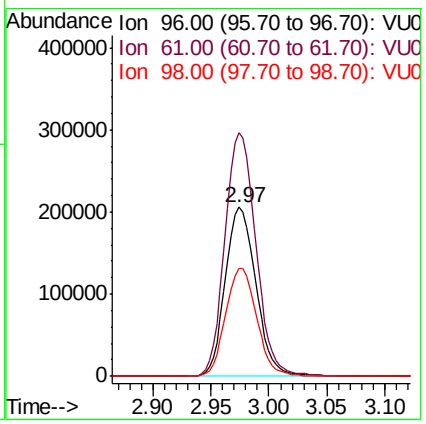


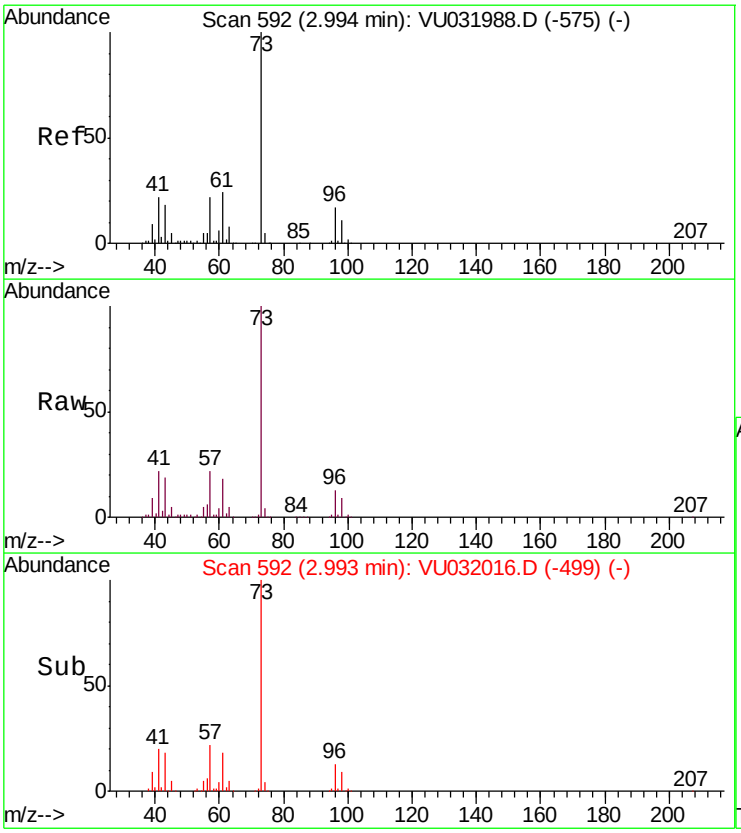
#17
trans-1,2-Dichloroethene
Concen: 46.252 ug/L
RT: 2.97 min Scan# 586
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 96 Resp: 377245

Ion	Ratio	Lower	Upper
96	100		
61	143.9	103.2	191.6
98	63.6	45.7	84.9

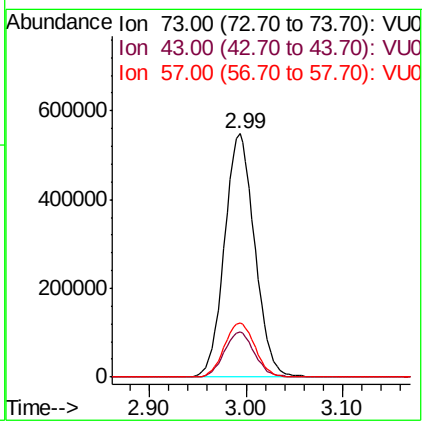


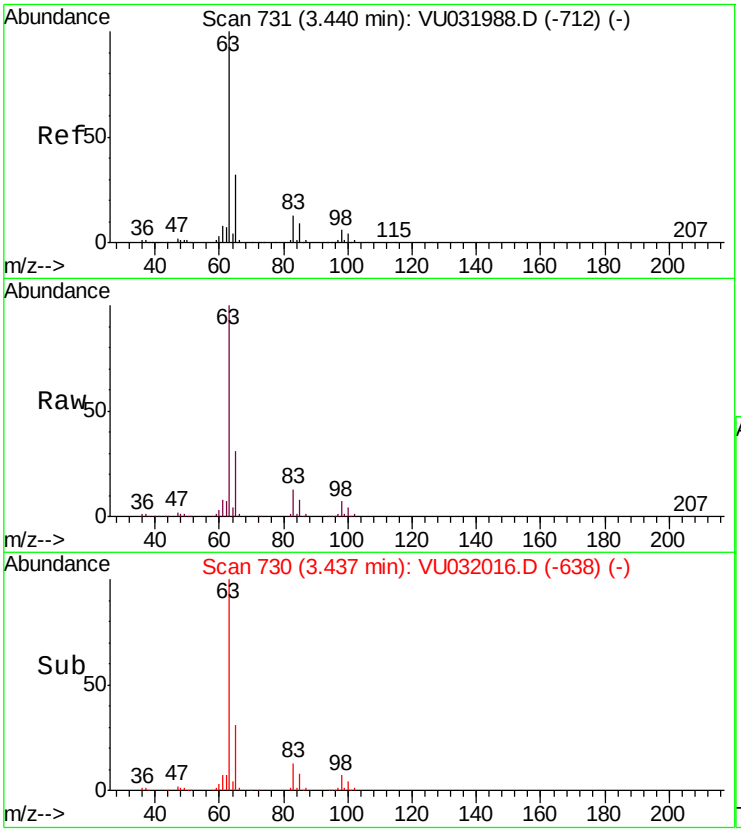


#18
Methyl tert-butyl Ether
Concen: 47.384 ug/L
RT: 2.99 min Scan# 592
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 73 Resp: 1187583

Ion	Ratio	Lower	Upper
73	100		
43	18.4	15.1	22.7
57	22.7	18.2	27.4



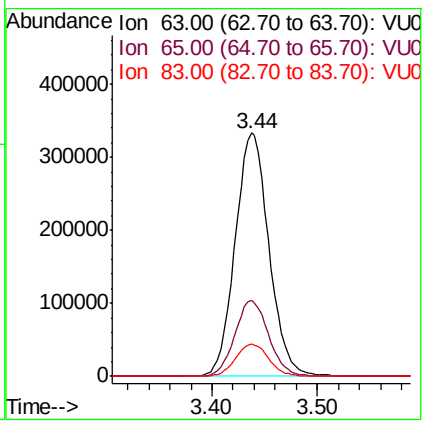


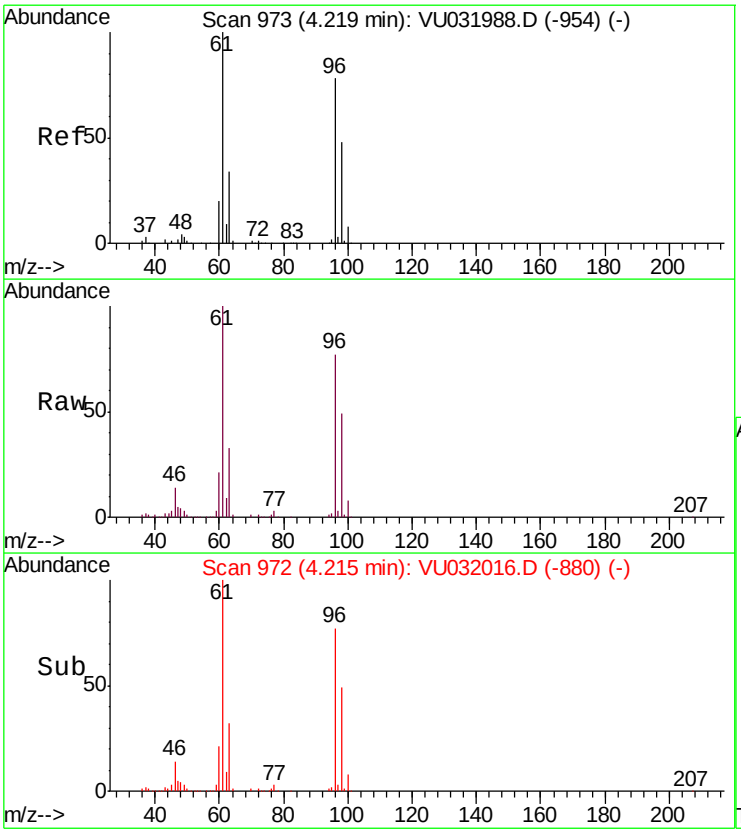
#19
1,1-Dichloroethane
Concen: 46.219 ug/L
RT: 3.44 min Scan# 730
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument : MSVOA_U
ClientSampleId : BFB43

Tgt Ion: 63 Resp: 740253

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.2	41.2
83	13.2	9.2	17.2

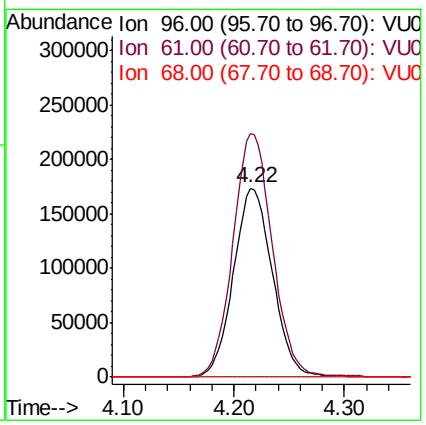


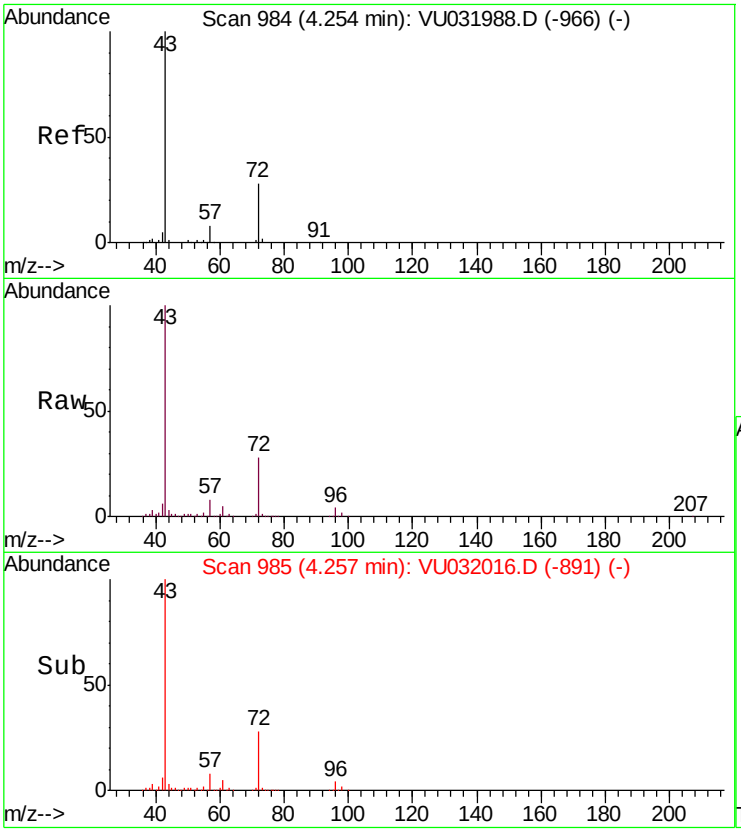


#20
cis-1,2-Dichloroethene
Concen: 47.127 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 96 Resp: 425168

Ion	Ratio	Lower	Upper
96	100		
61	129.1	93.0	172.8
68	0.0	0.0	0.0



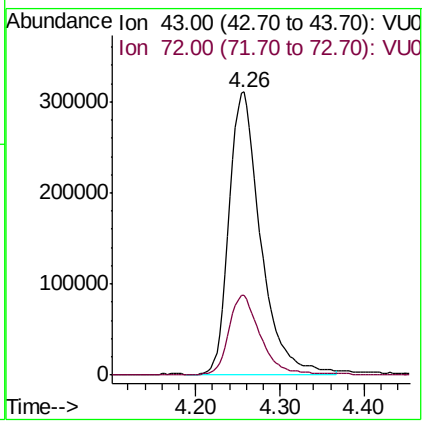


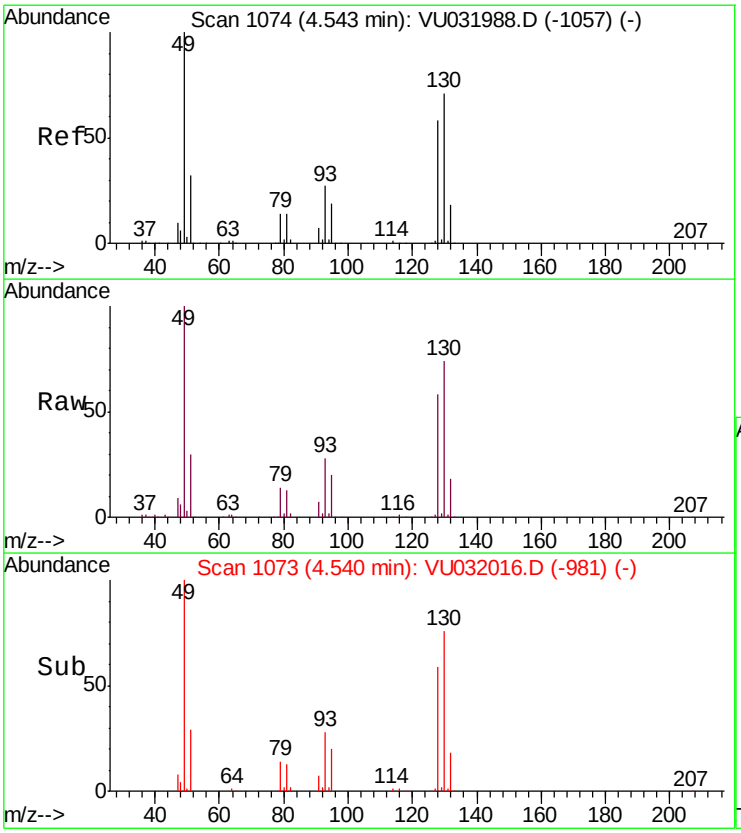
#22
2-Butanone
Concen: 104.425 ug/L
RT: 4.26 min Scan# 985
Delta R.T. 0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 43 Resp: 807761

Ion	Ratio	Lower	Upper
43	100		
72	28.8	13.9	41.7

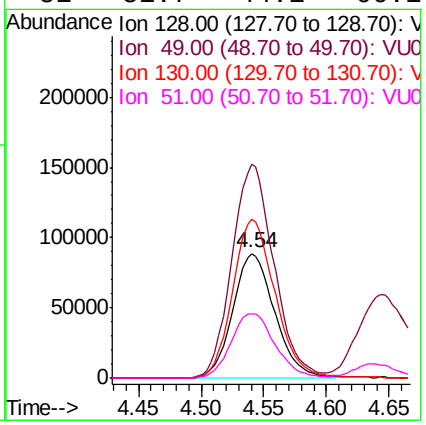


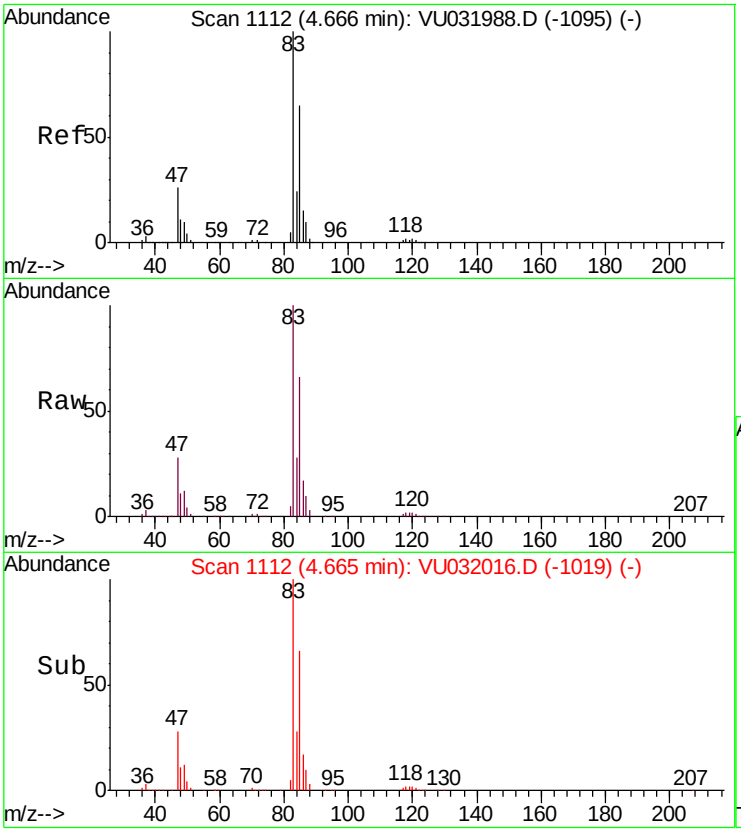


#23
Bromochloromethane
Concen: 46.402 ug/L
RT: 4.54 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:128 Resp: 205174

Ion	Ratio	Lower	Upper
128	100		
49	171.6	121.7	226.1
130	127.4	89.5	166.1
51	51.7	44.1	66.1



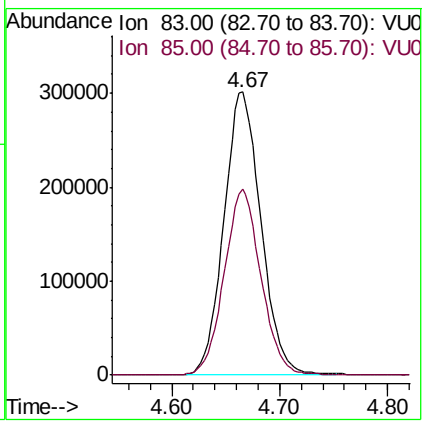


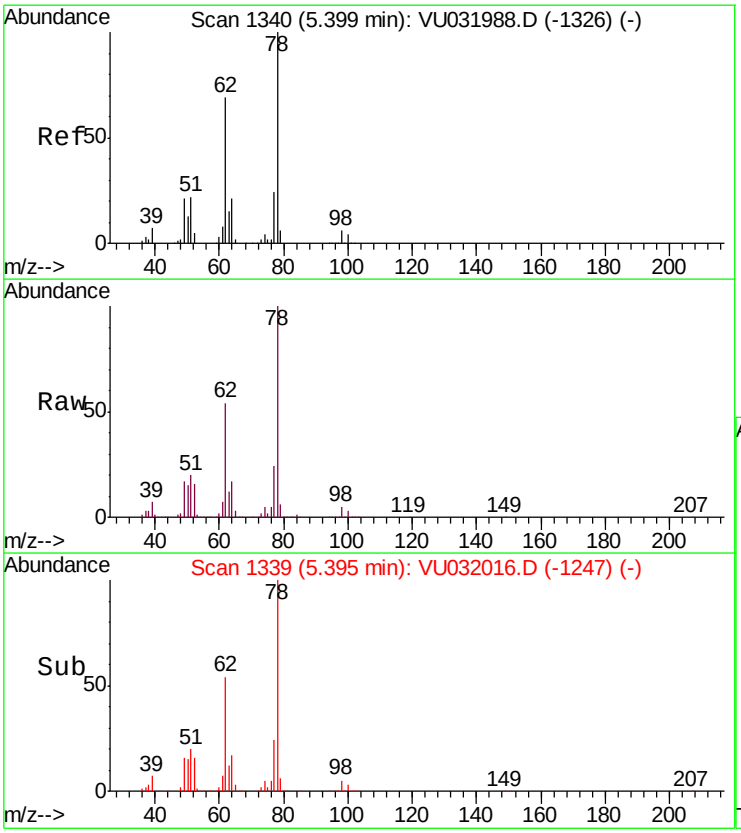
#25
Chloroform
Concen: 45.582 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 83 Resp: 721495

Ion	Ratio	Lower	Upper
83	100		
85	65.5	44.2	82.2

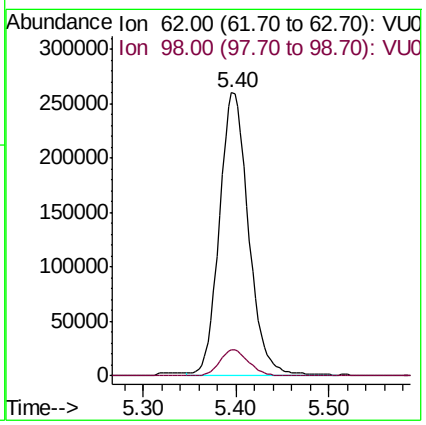


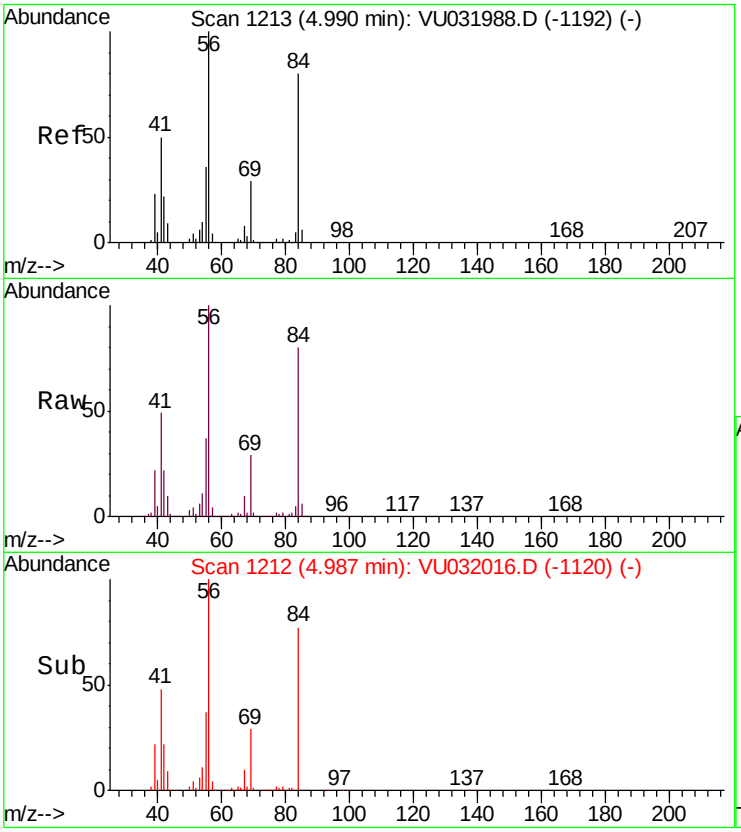


#27
1,2-Dichloroethane
Concen: 46.435 ug/L
RT: 5.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 62 Resp: 568891

Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.2	10.8



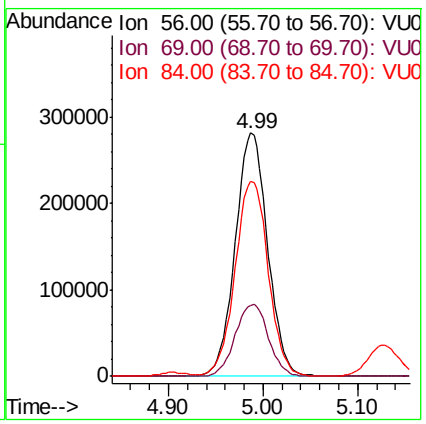


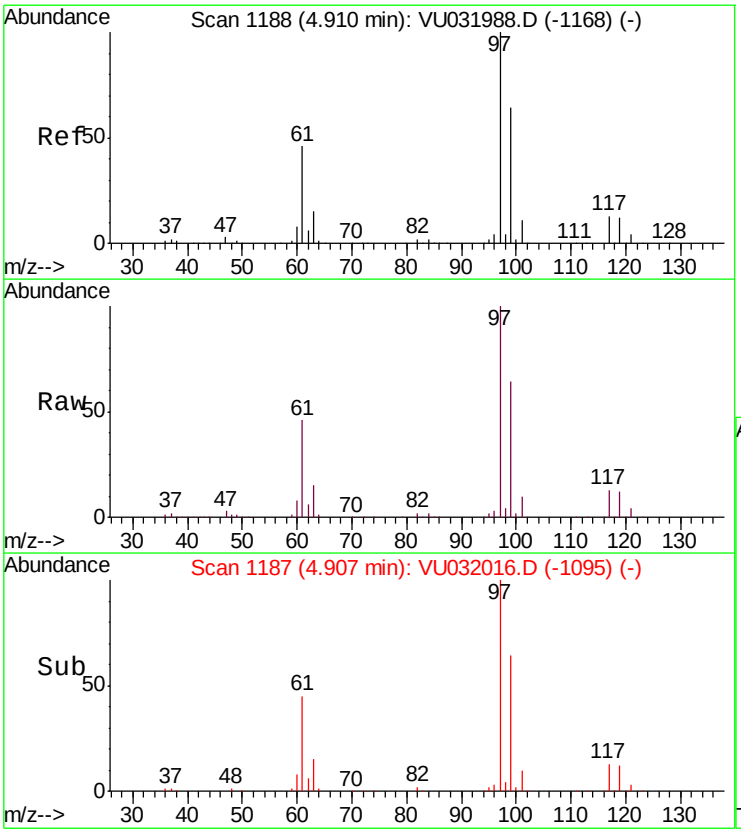
#29
Cyclohexane
Concen: 50.140 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument : MSVOA_U
ClientSampleId : BFB43

Tgt Ion: 56 Resp: 669611

Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.8	37.2
84	81.5	65.5	98.3

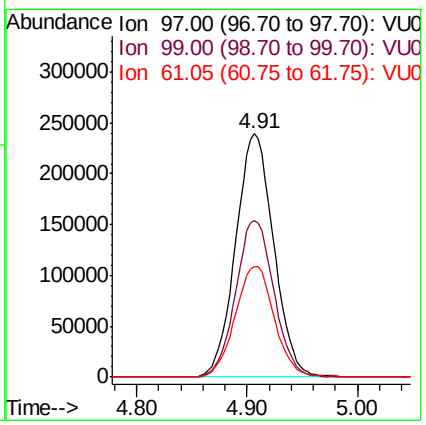


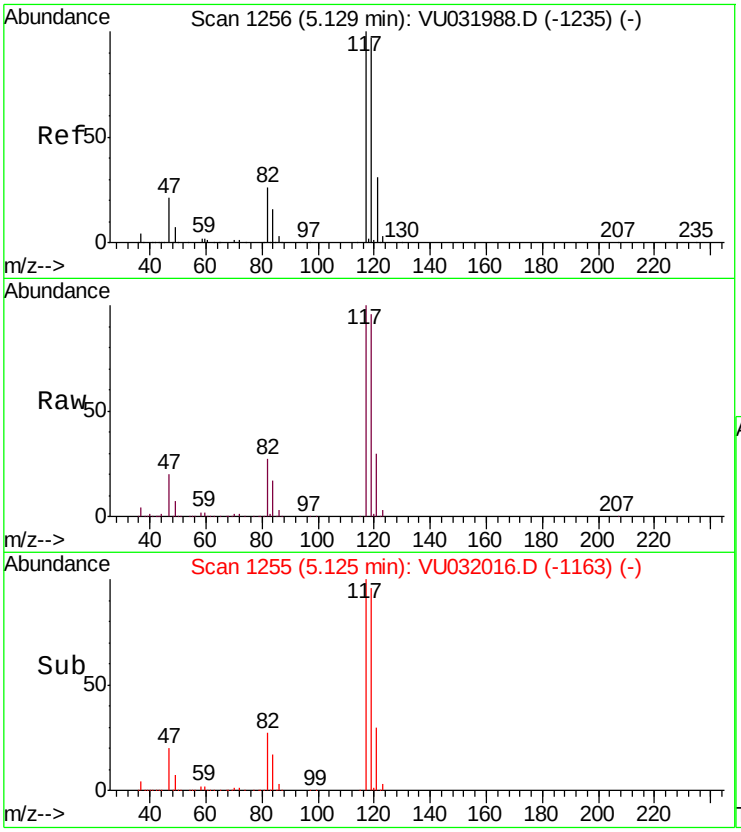


#30
1,1,1-Trichloroethane
Concen: 45.306 ug/L
RT: 4.91 min Scan# 1187
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 97 Resp: 572357

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.8
61	46.6	37.5	56.3



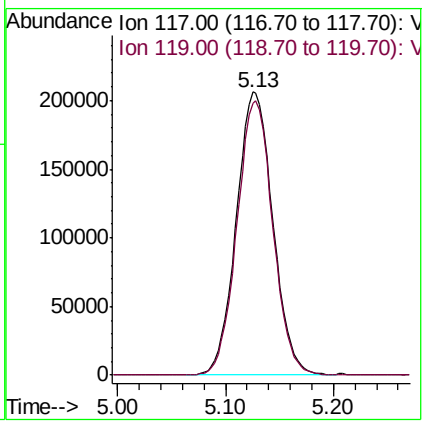


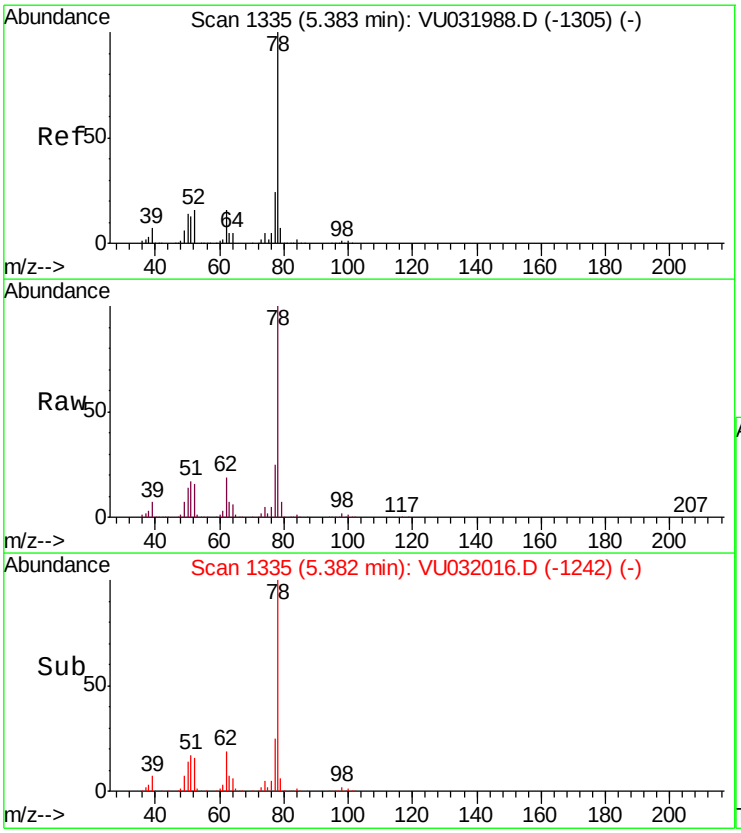
#31
Carbon tetrachloride
Concen: 46.023 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion:117 Resp: 485049

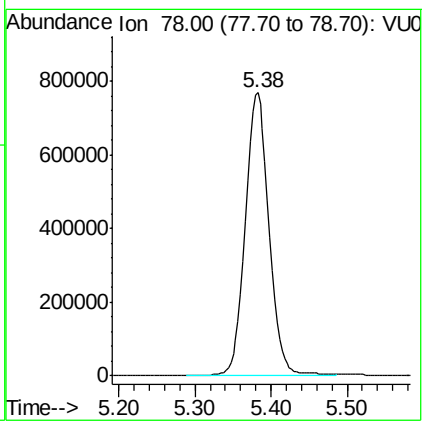
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.2	115.8

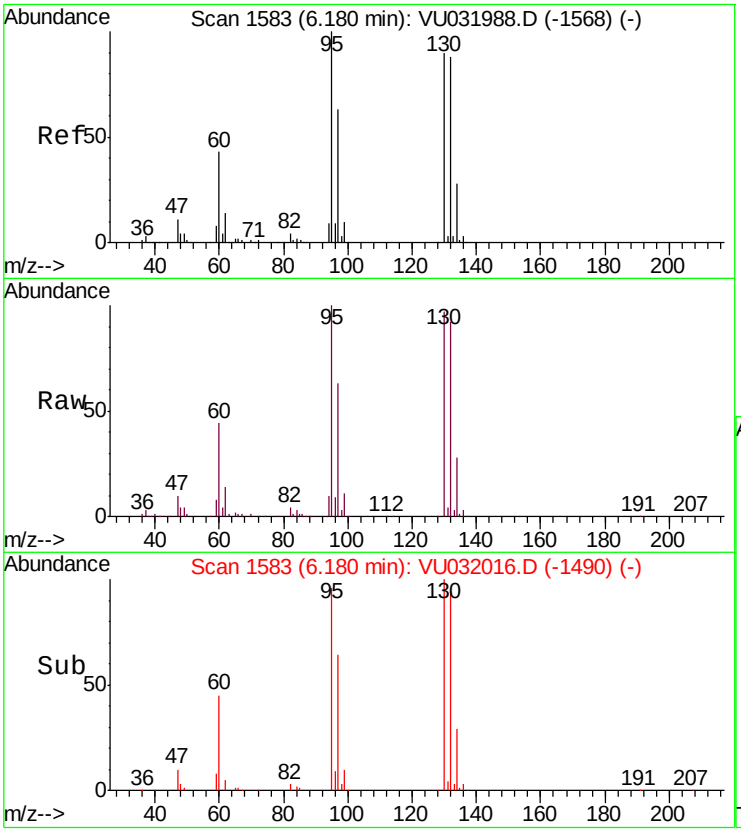




#33
Benzene
Concen: 46.944 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 78 Resp: 1675330



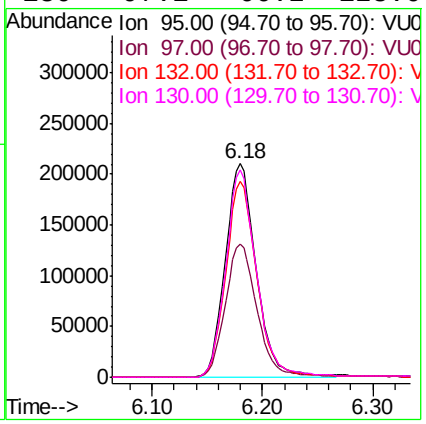


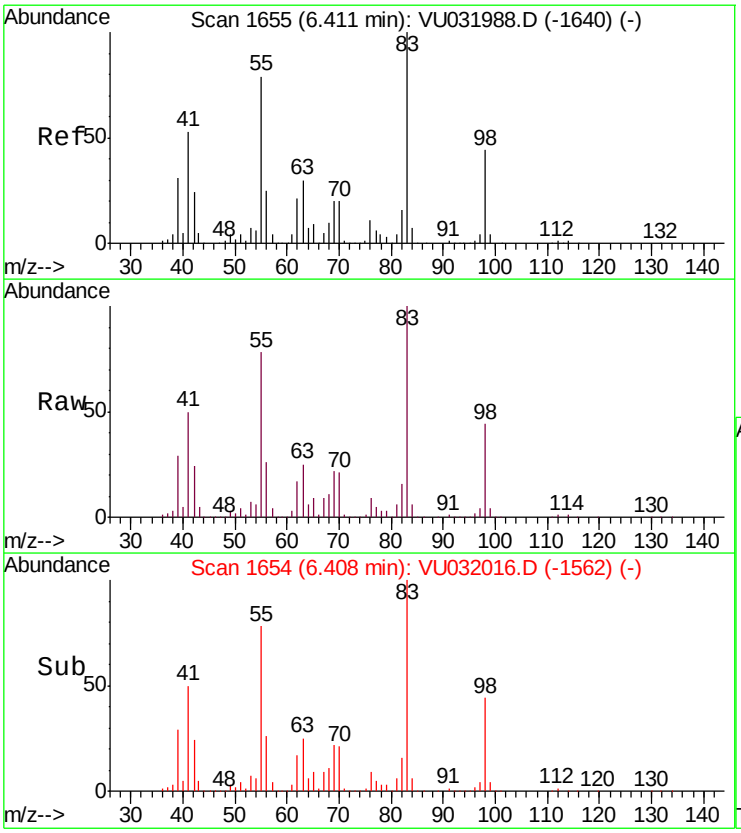
#34
Trichloroethene
Concen: 46.397 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 95 Resp: 410059

Ion	Ratio	Lower	Upper
95	100		
97	62.5	44.9	83.3
132	91.6	63.5	117.9
130	97.1	66.2	123.0

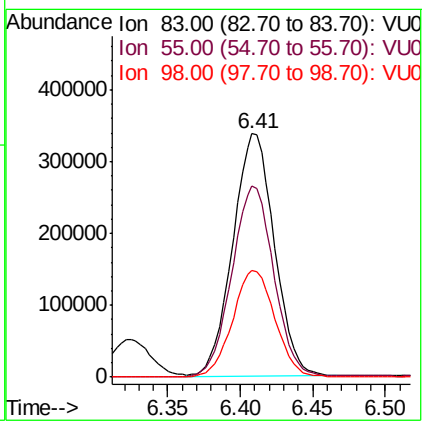


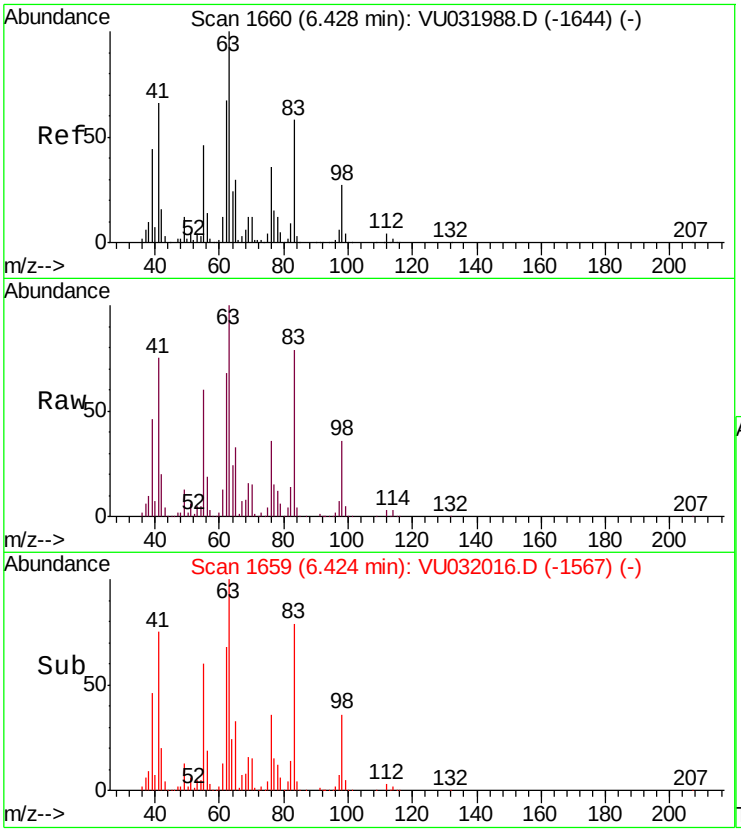


#35
Methylcyclohexane
Concen: 49.366 ug/L
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 83 Resp: 669013

Ion	Ratio	Lower	Upper
83	100		
55	79.8	64.0	96.0
98	45.0	35.6	53.4



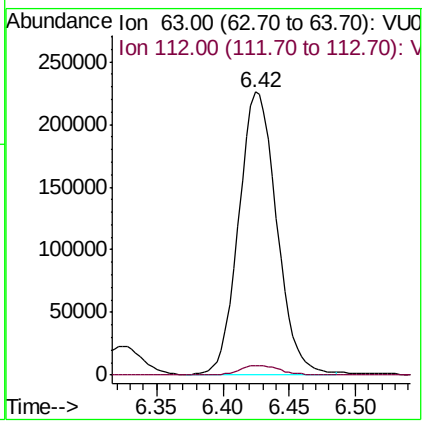


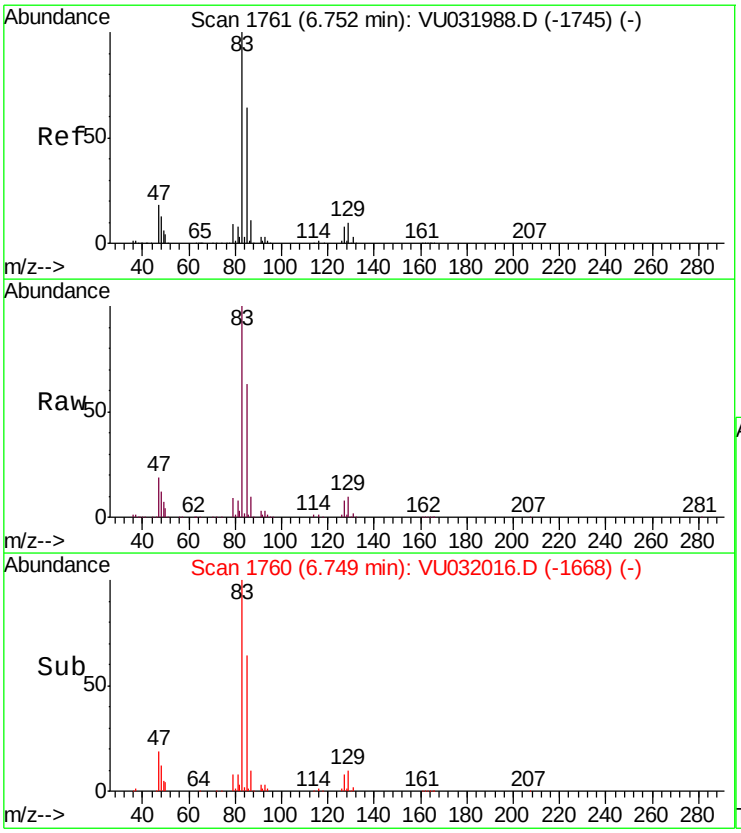
#37
1,2-Dichloropropane
Concen: 46.691 ug/L
RT: 6.42 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument : MSVOA_U
ClientSampleId : BFB43

Tgt Ion: 63 Resp: 447548

Ion	Ratio	Lower	Upper
63	100		
112	3.7	3.0	4.4

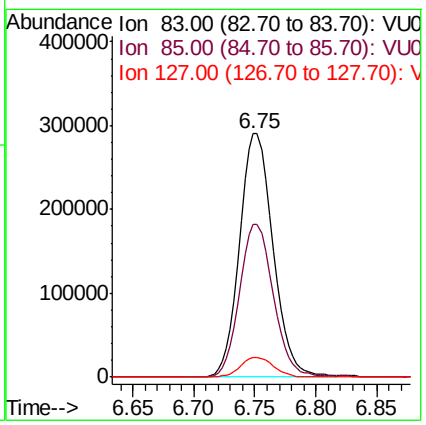


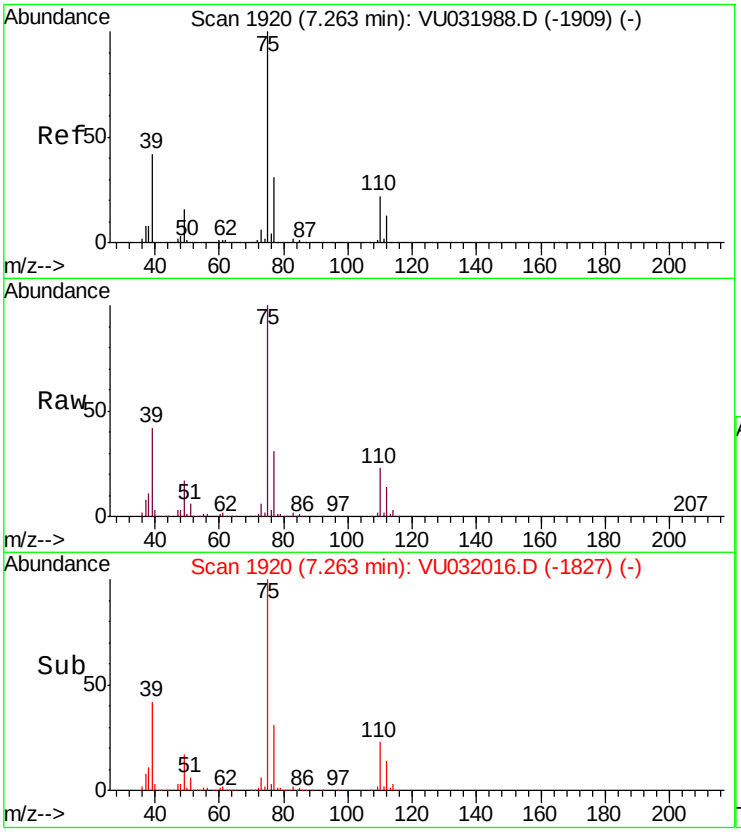


#38
Bromodichloromethane
Concen: 46.835 ug/L
RT: 6.75 min Scan# 1760
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 83 Resp: 548578

Ion	Ratio	Lower	Upper
83	100		
85	62.7	44.7	82.9
127	7.9	6.5	9.7



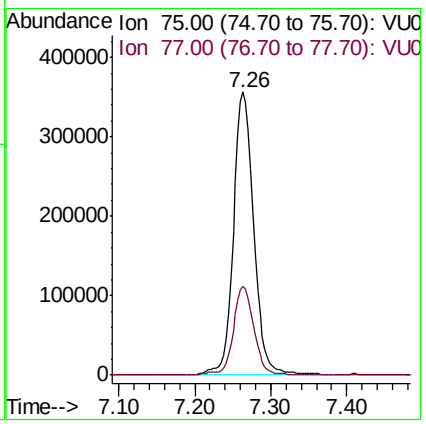


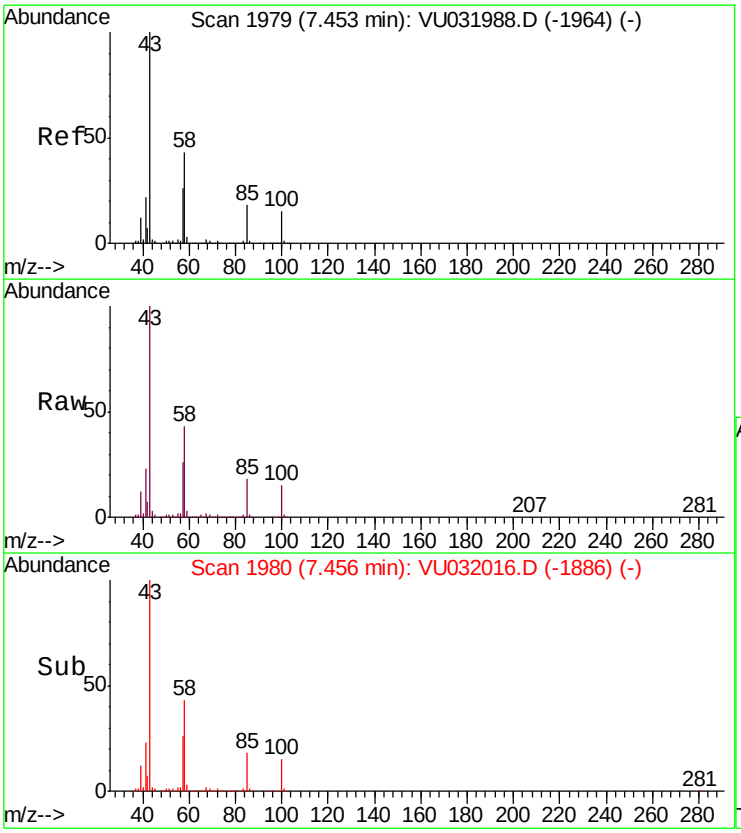
#39
cis-1,3-Dichloropropene
Concen: 48.690 ug/L
RT: 7.26 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 75 Resp: 662620

Ion	Ratio	Lower	Upper
75	100		
77	31.5	21.8	40.6

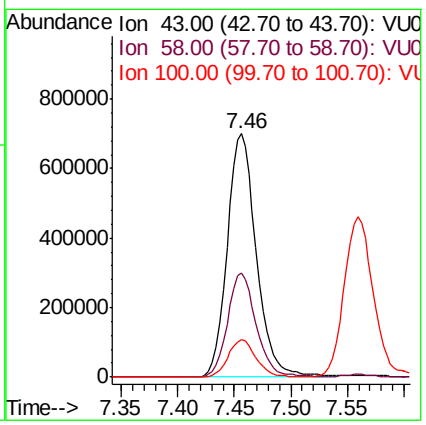


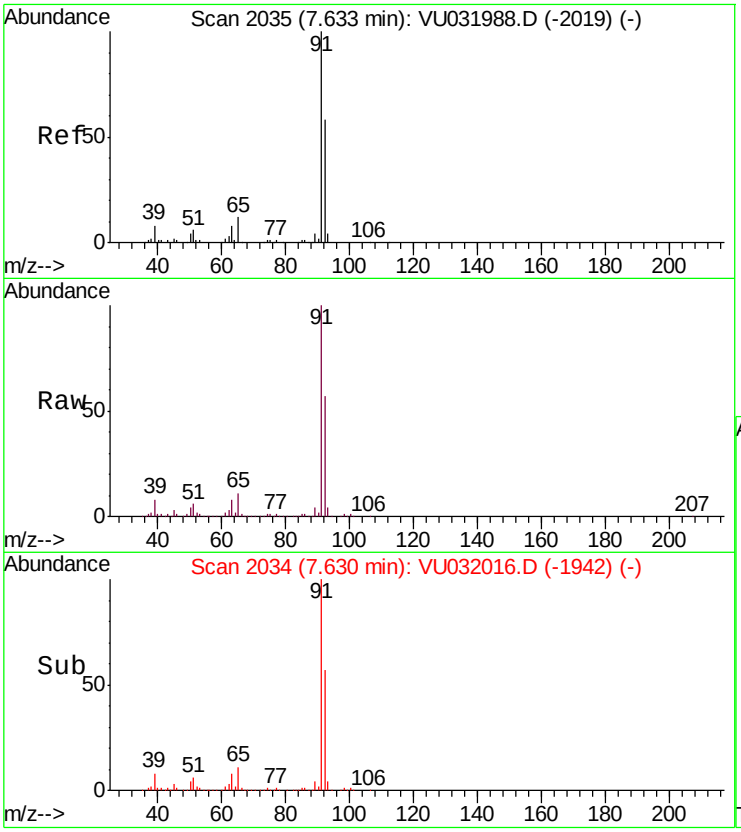


#40
4-Methyl-2-pentanone
Concen: 96.278 ug/L
RT: 7.46 min Scan# 1980
Delta R.T. 0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 43 Resp: 1252125

Ion	Ratio	Lower	Upper
43	100		
58	42.1	33.6	50.4
100	14.9	11.8	17.8



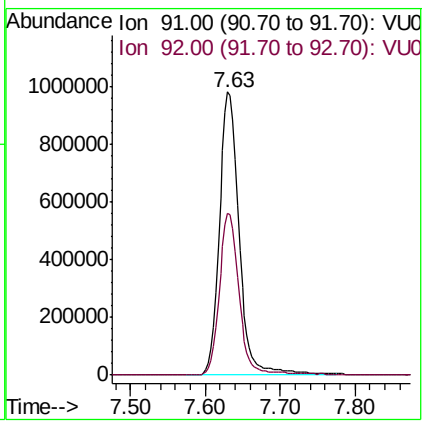


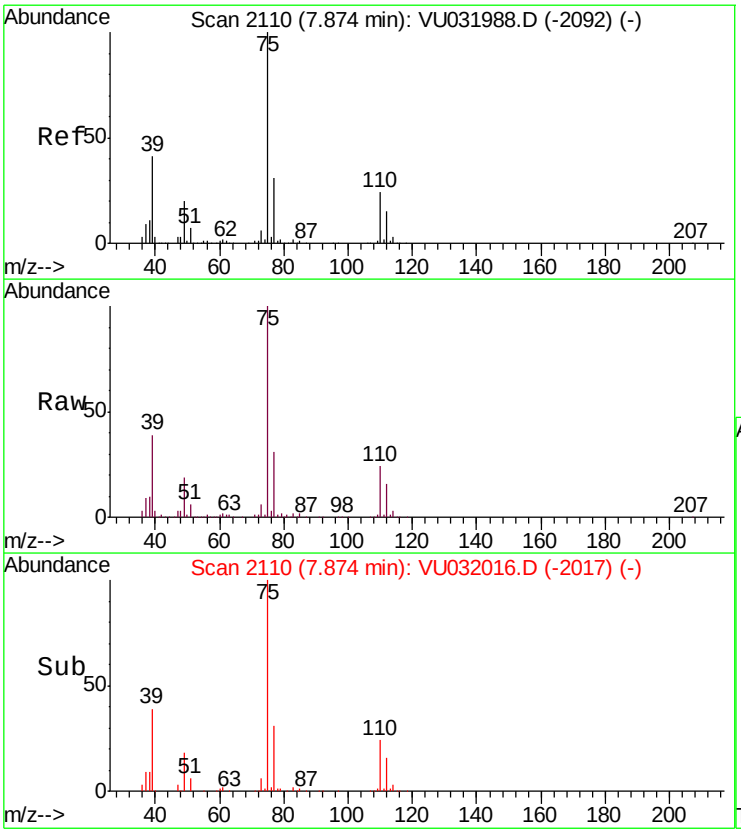
#42
Toluene
Concen: 49.094 ug/L
RT: 7.63 min Scan# 2034
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 91 Resp: 1797903

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.2	74.6

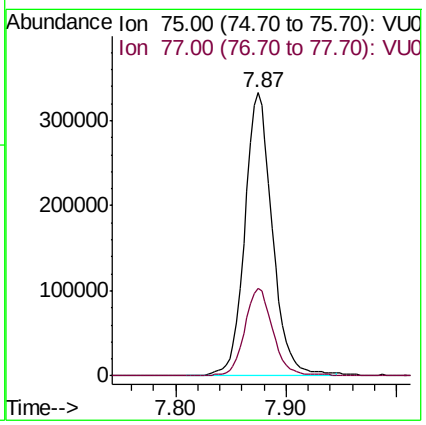


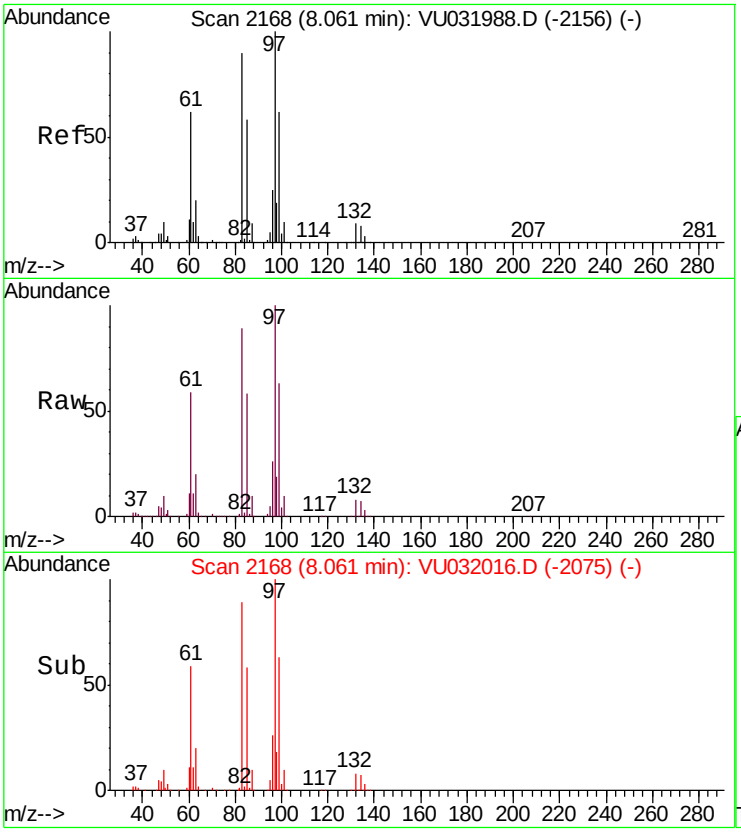


#44
trans-1,3-Dichloropropene
Concen: 48.177 ug/L
RT: 7.87 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 75 Resp: 575789

Ion	Ratio	Lower	Upper
75	100		
77	30.8	22.5	41.7



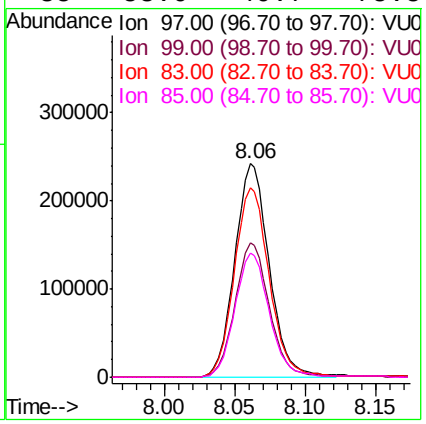


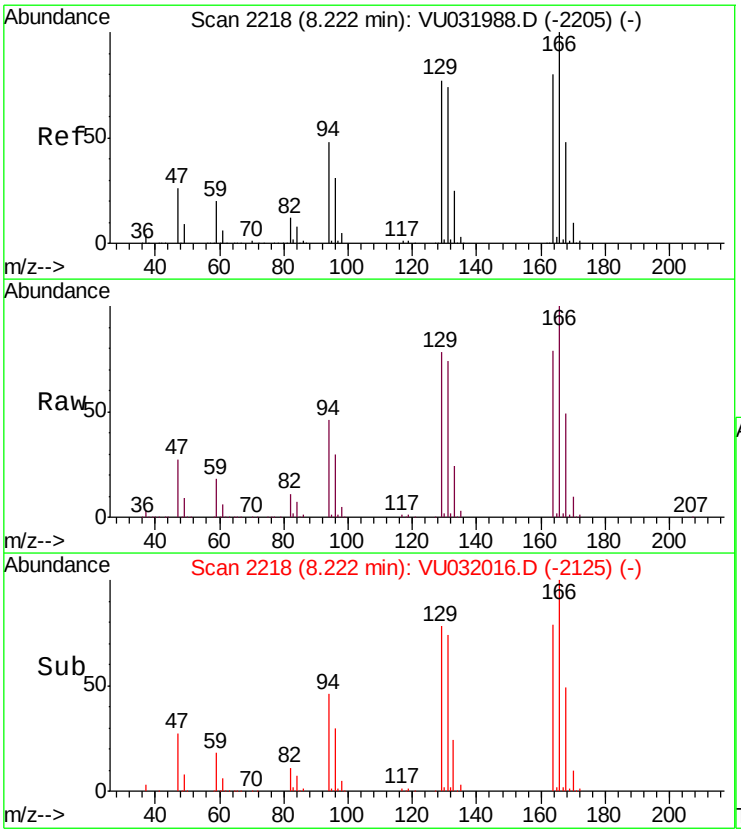
#45
1,1,2-Trichloroethane
Concen: 47.337 ug/L
RT: 8.06 min Scan# 2168
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 97 Resp: 416046

Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.4	82.4
83	88.8	63.8	118.4
85	58.0	40.7	75.5

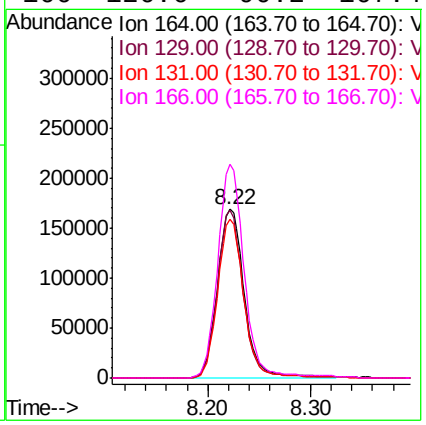


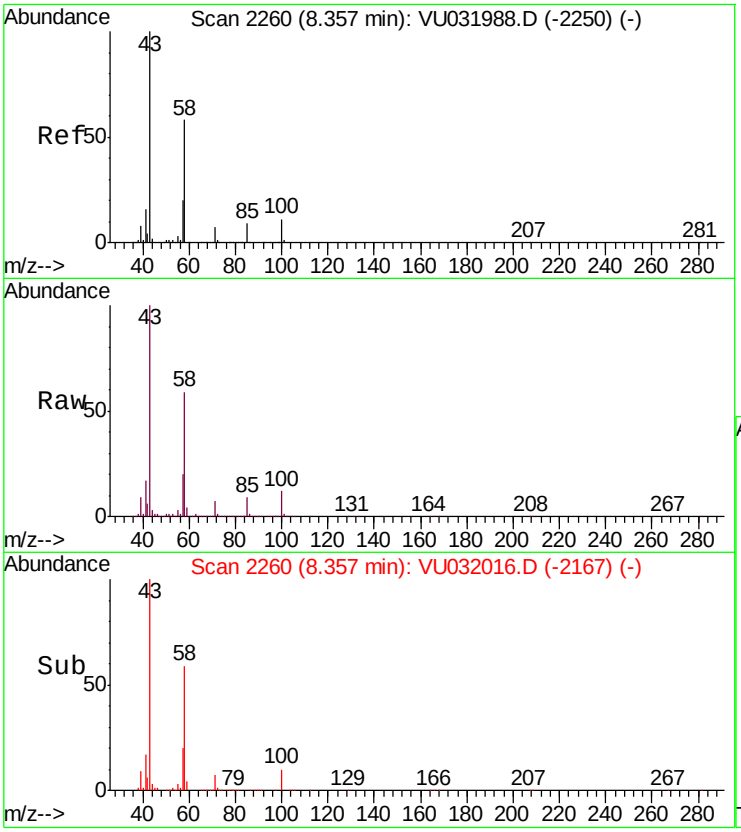


#46
Tetrachloroethene
Concen: 49.234 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:164 Resp: 307216

Ion	Ratio	Lower	Upper
164	100		
129	99.3	70.9	131.7
131	93.9	67.4	125.2
166	126.6	90.2	167.4



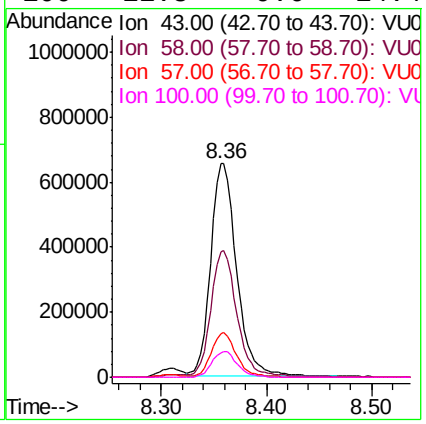


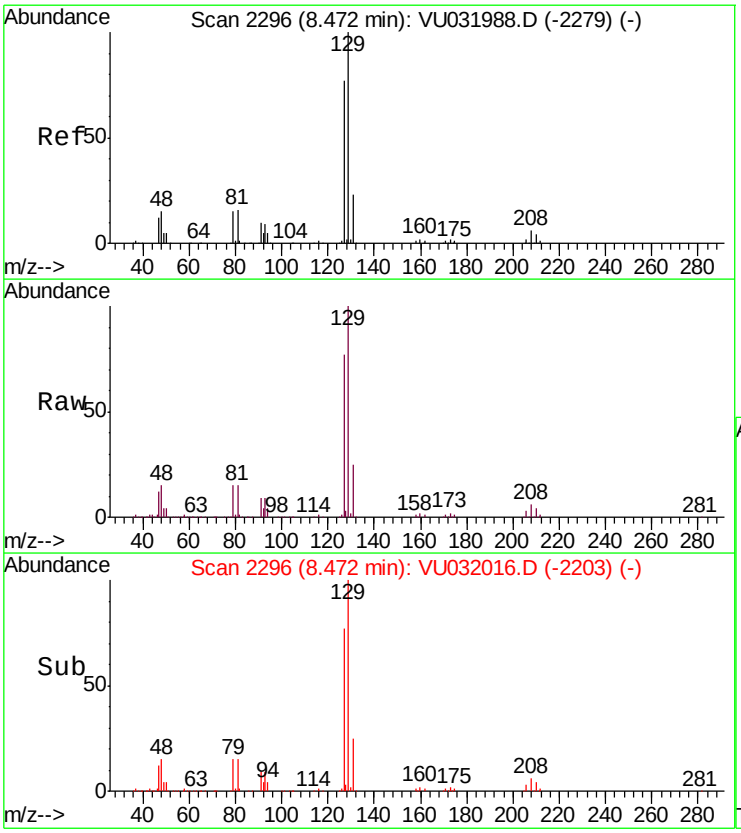
#48
2-Hexanone
Concen: 106.257 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 43 Resp: 1121603

Ion	Ratio	Lower	Upper
43	100		
58	59.6	47.8	71.6
57	19.9	16.0	24.0
100	11.8	9.6	14.4

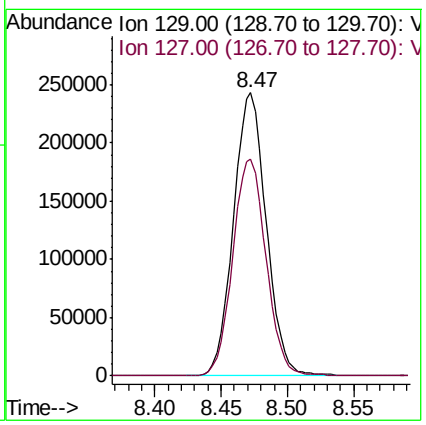


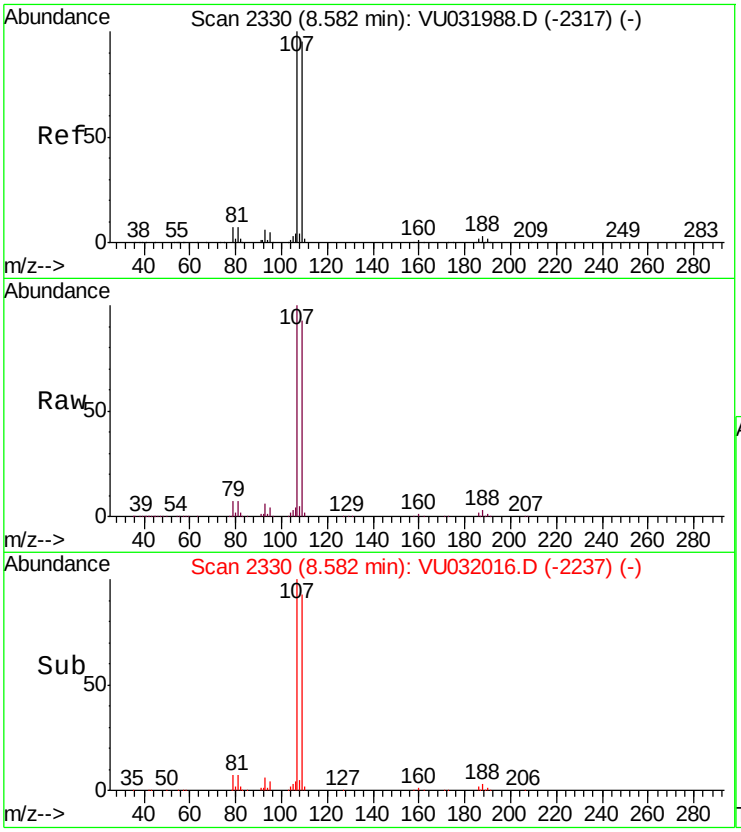


#49
Dibromochloromethane
Concen: 47.378 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:129 Resp: 417695

Ion	Ratio	Lower	Upper
129	100		
127	76.5	53.8	99.8



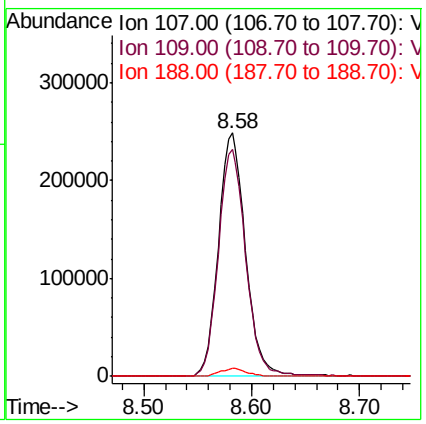


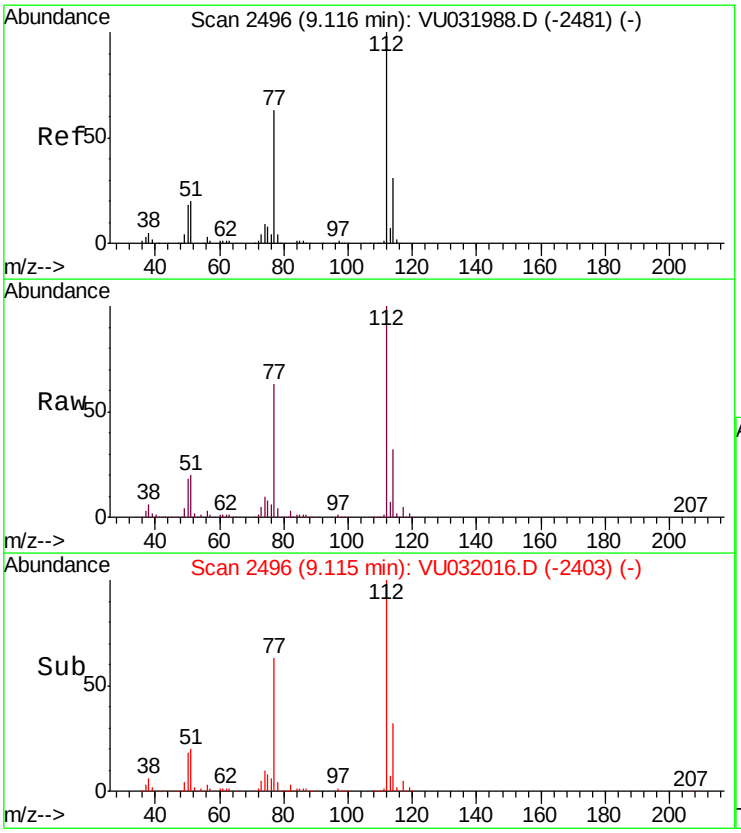
#50
1,2-Dibromoethane
Concen: 46.755 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion:107 Resp: 434877

Ion	Ratio	Lower	Upper
107	100		
109	93.4	66.0	122.6
188	3.3	2.7	4.1

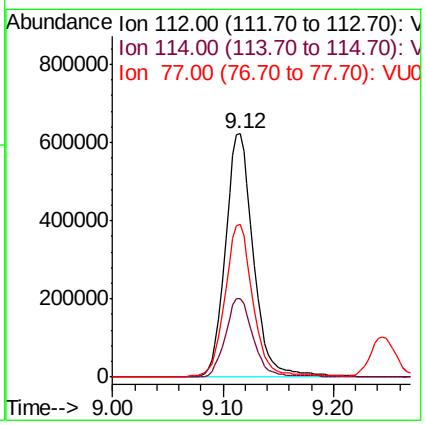


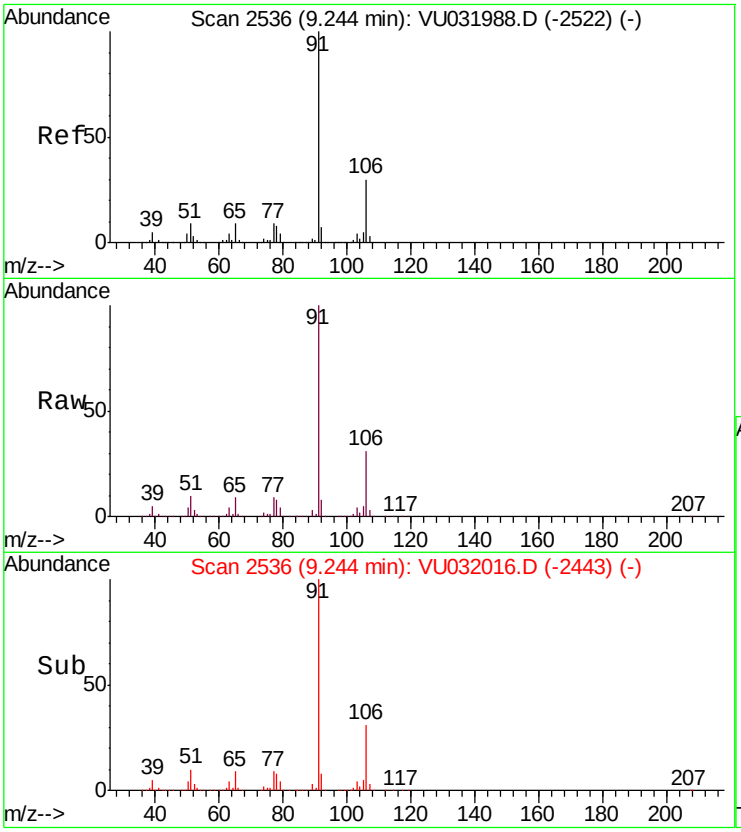


#51
Chlorobenzene
Concen: 47.130 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:112 Resp: 1095876

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.1	41.1
77	62.8	49.5	74.3



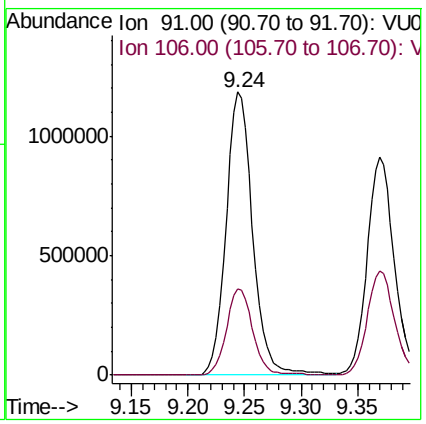


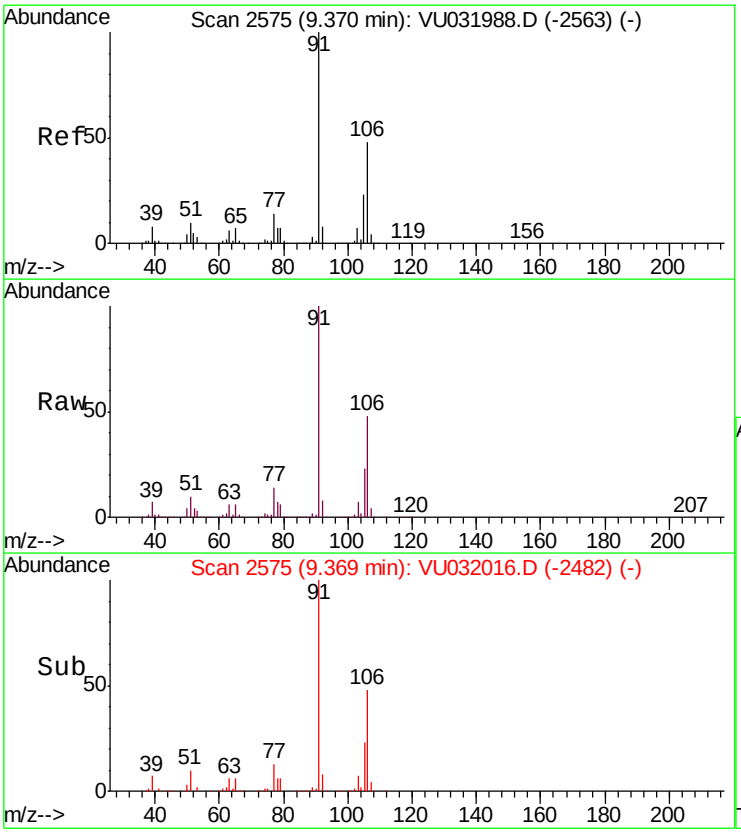
#52
Ethylbenzene
Concen: 49.517 ug/L
RT: 9.24 min Scan# 2536
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 91 Resp: 1940568

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.3	39.5

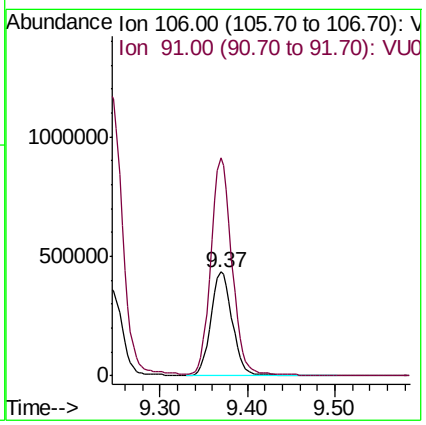


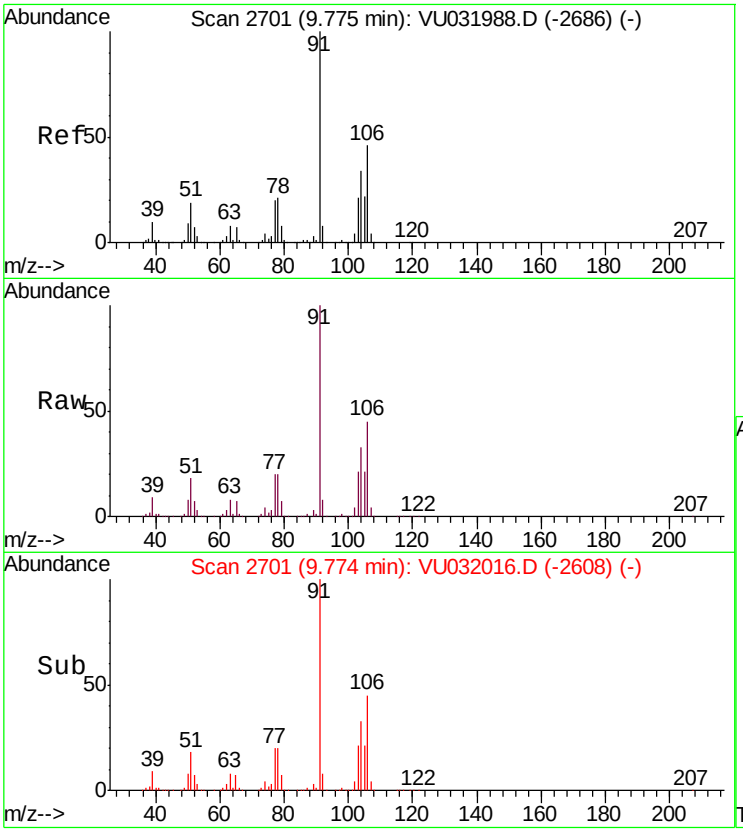


#53
m,p-Xylene
Concen: 52.159 ug/L
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:106 Resp: 745968

Ion	Ratio	Lower	Upper
106	100		
91	209.9	144.8	269.0



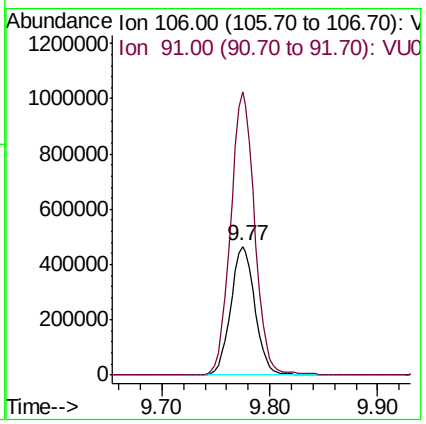


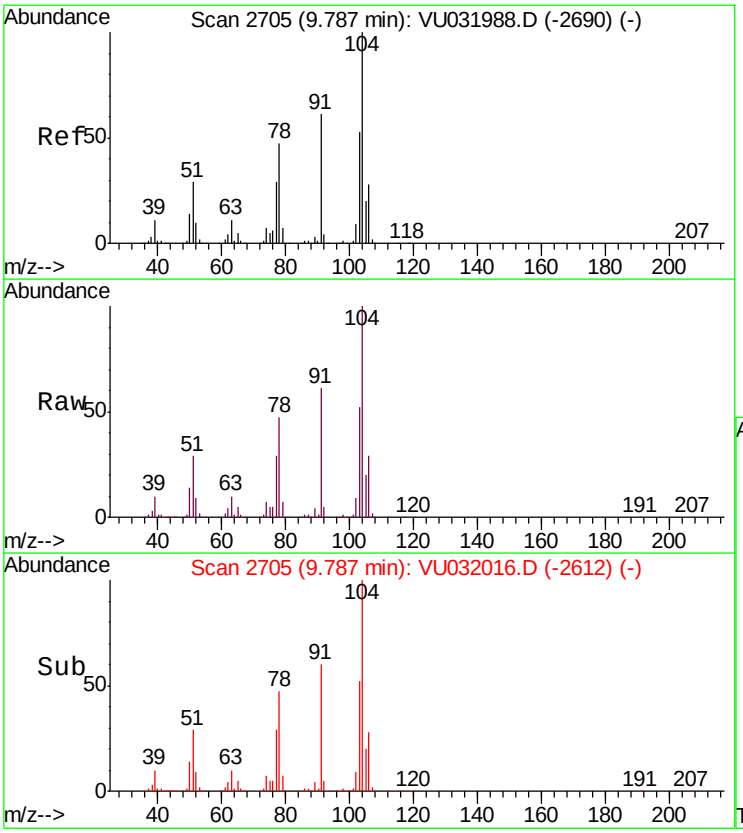
#54
o-xylene
Concen: 51.808 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion:106 Resp: 731596

Ion	Ratio	Lower	Upper
106	100		
91	219.9	153.9	285.7

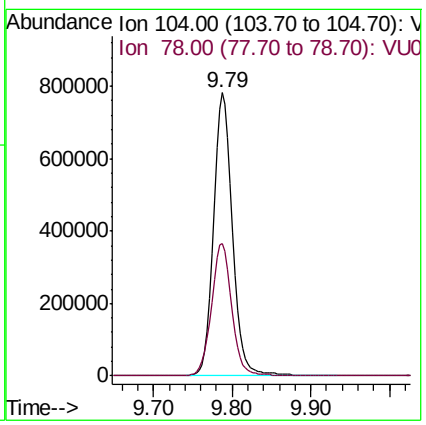


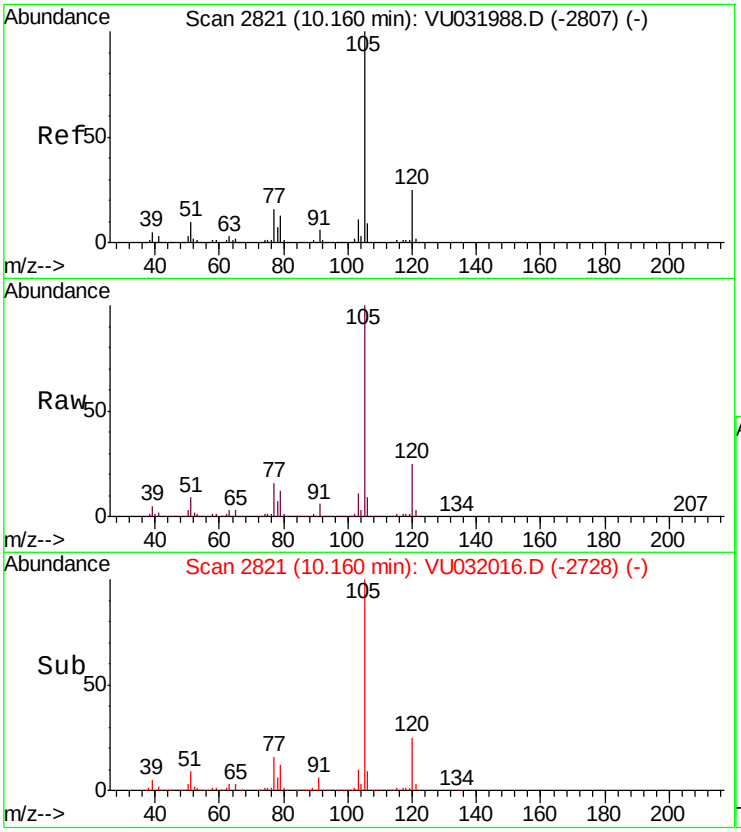


#55
Styrene
Concen: 53.303 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:104 Resp: 1292069

Ion	Ratio	Lower	Upper
104	100		
78	46.9	33.2	61.6



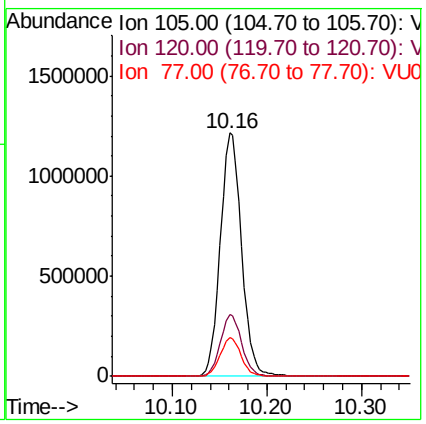


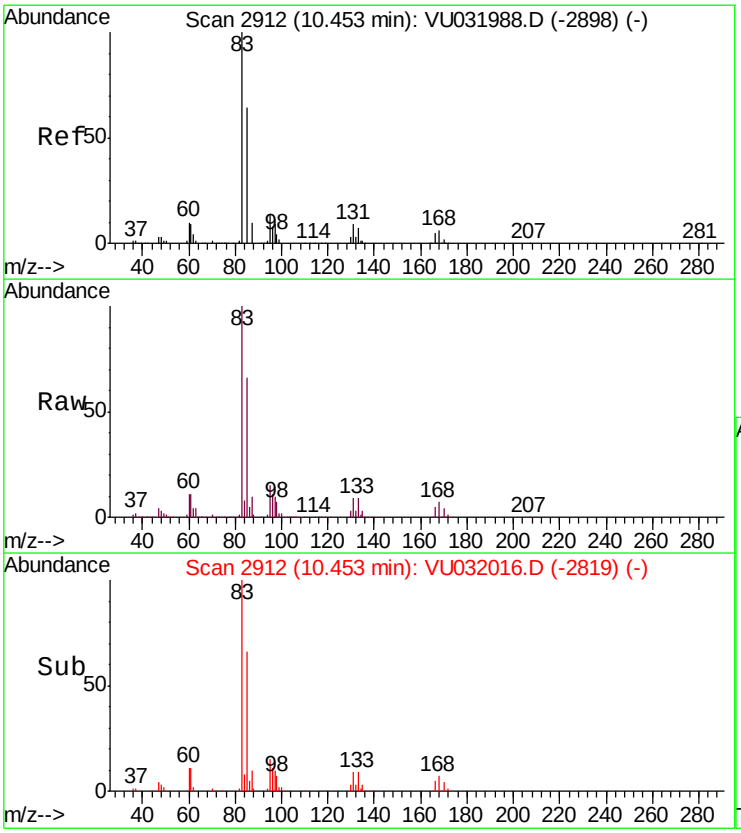
#56
Isopropylbenzene
Concen: 52.345 ug/L
RT: 10.16 min Scan# 2821
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion:105 Resp: 1893916

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.5	30.7
77	15.8	13.0	19.4

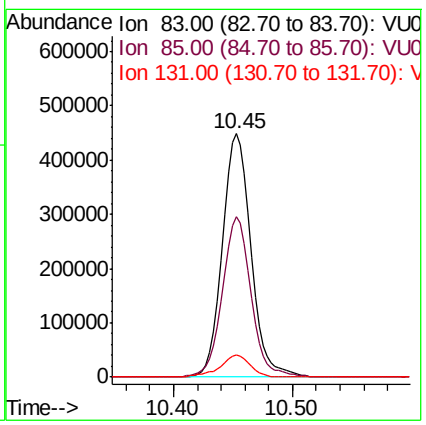


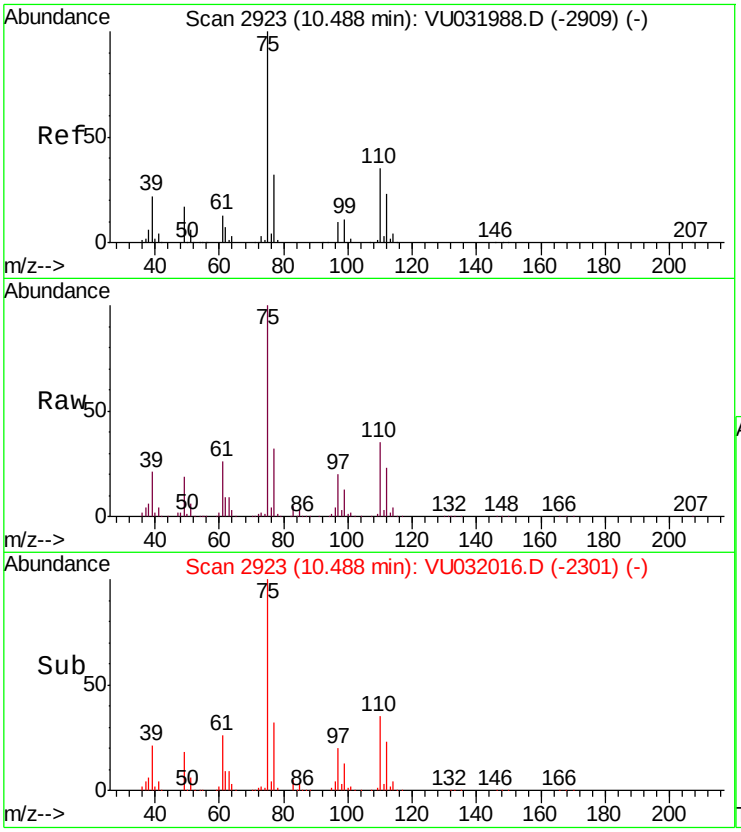


#58
1,1,2,2-Tetrachloroethane
Concen: 47.161 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 83 Resp: 748180

Ion	Ratio	Lower	Upper
83	100		
85	65.8	45.8	85.2
131	9.0	7.0	10.4



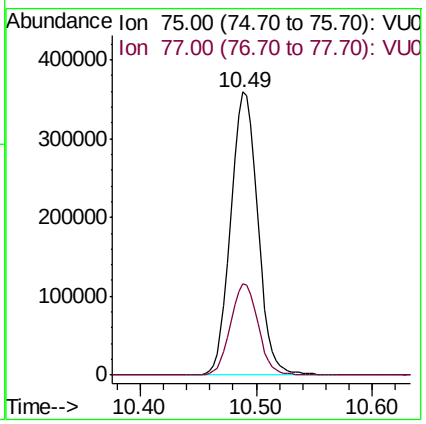


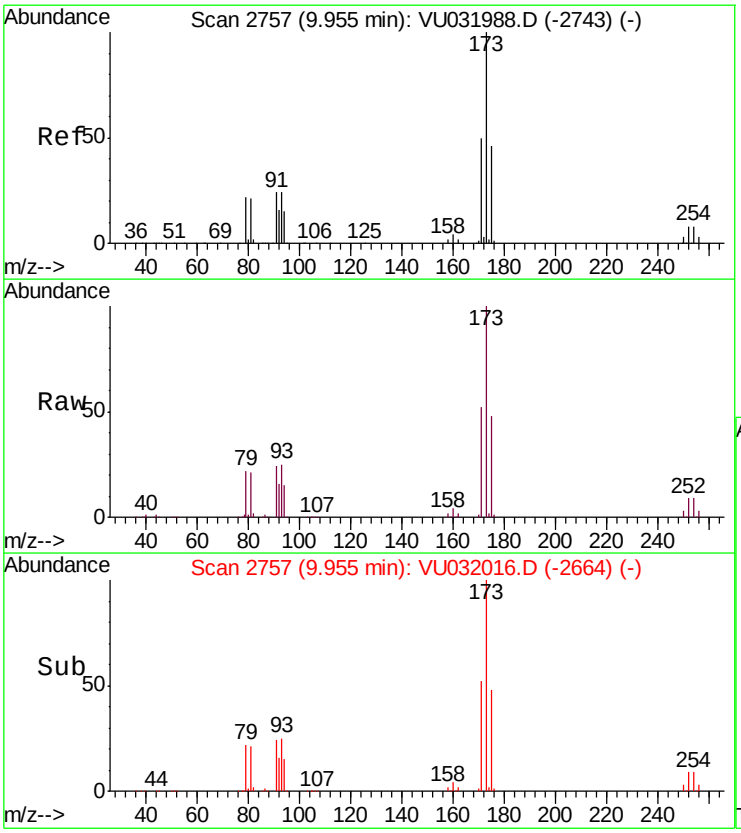
#59
1,2,3-Trichloropropane
Concen: 46.284 ug/L
RT: 10.49 min Scan# 2923
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion: 75 Resp: 578684

Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.7	38.5

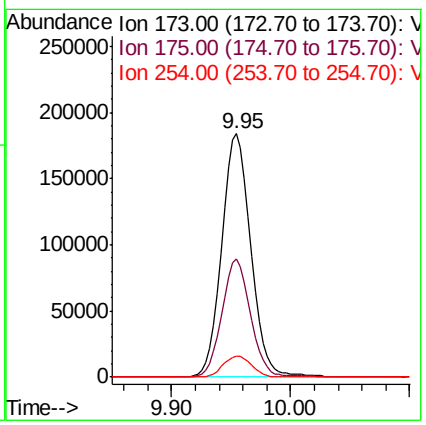


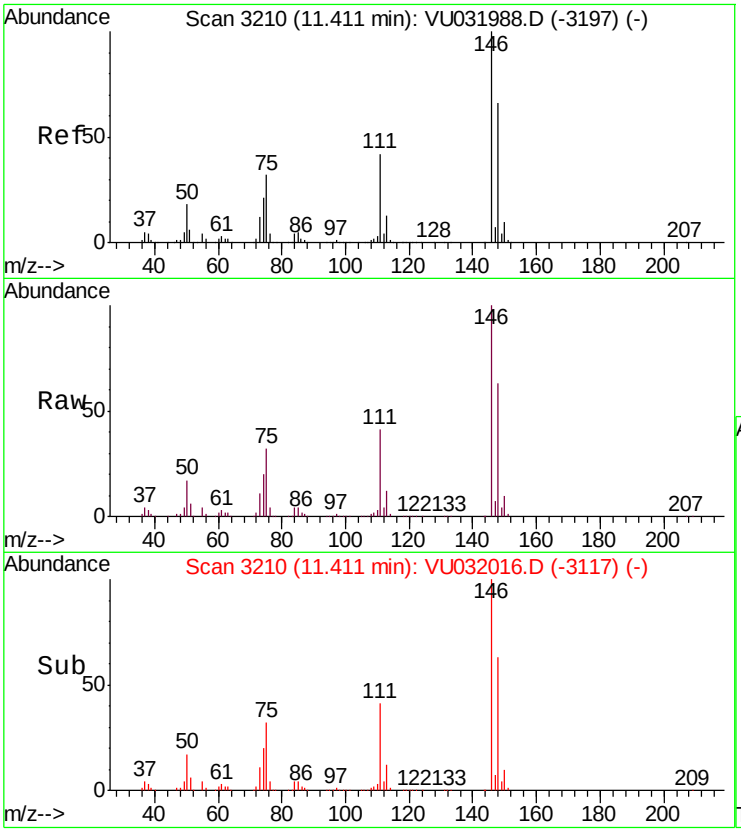


#61
Bromoform
Concen: 45.838 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:173 Resp: 311763

Ion	Ratio	Lower	Upper
173	100		
175	47.5	38.4	57.6
254	8.5	6.6	9.8



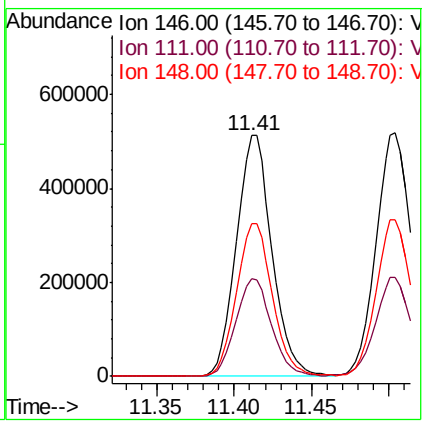


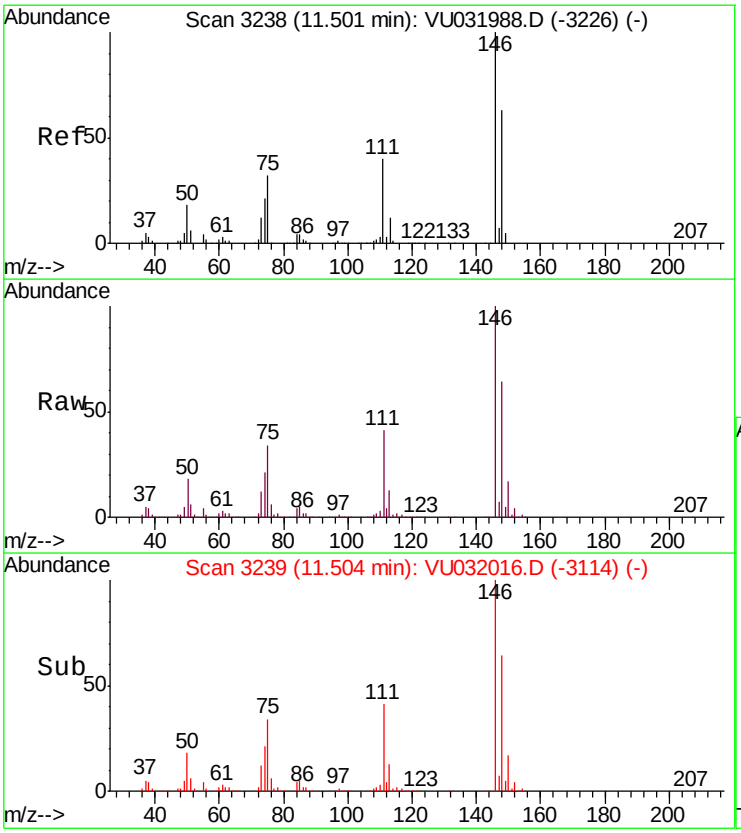
#62
1,3-Dichlorobenzene
Concen: 49.201 ug/L
RT: 11.41 min Scan# 3210
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument : MSVOA_U
ClientSampleId : BFB43

Tgt Ion:146 Resp: 820337

Ion	Ratio	Lower	Upper
146	100		
111	40.8	29.0	53.9
148	63.4	43.3	80.3

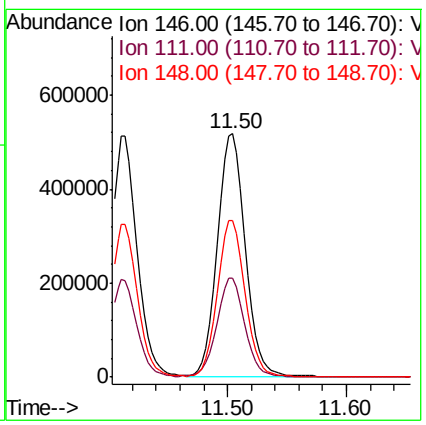


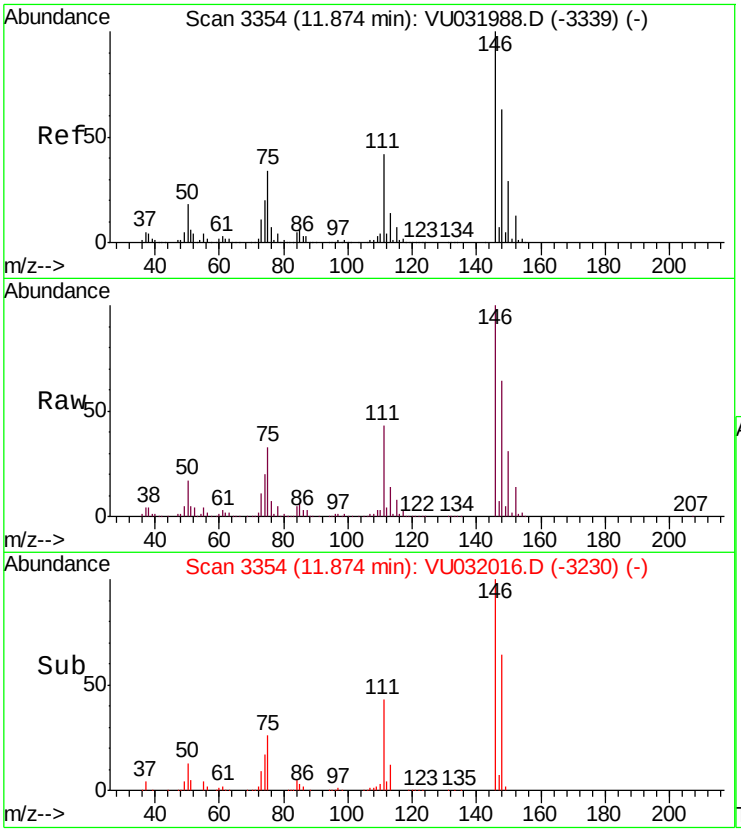


#63
1,4-Dichlorobenzene
Concen: 47.548 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:146 Resp: 838556

Ion	Ratio	Lower	Upper
146	100		
111	40.9	27.9	51.7
148	64.4	44.7	83.1



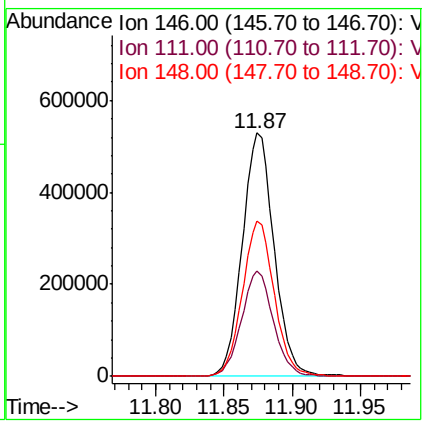


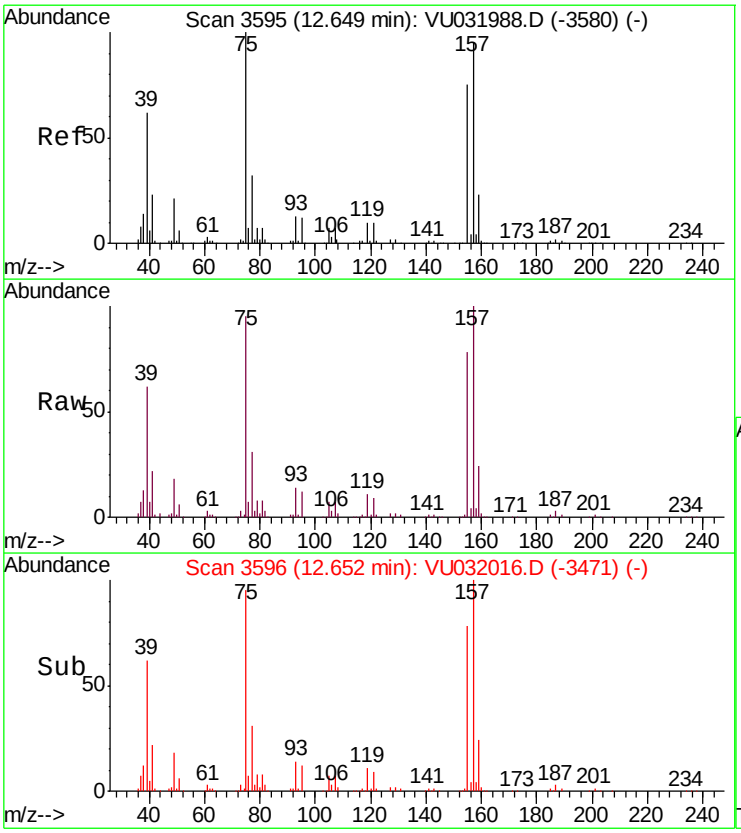
#65
1,2-Dichlorobenzene
Concen: 48.241 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion:146 Resp: 852345

Ion	Ratio	Lower	Upper
146	100		
111	43.2	34.8	52.2
148	63.9	51.4	77.0

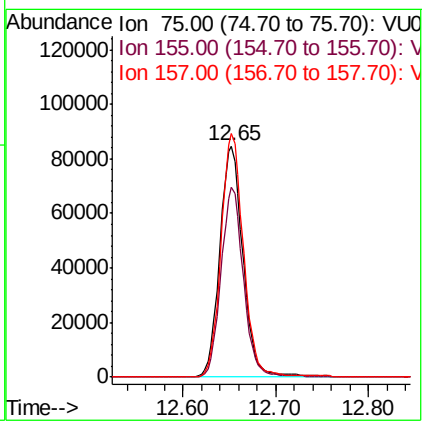


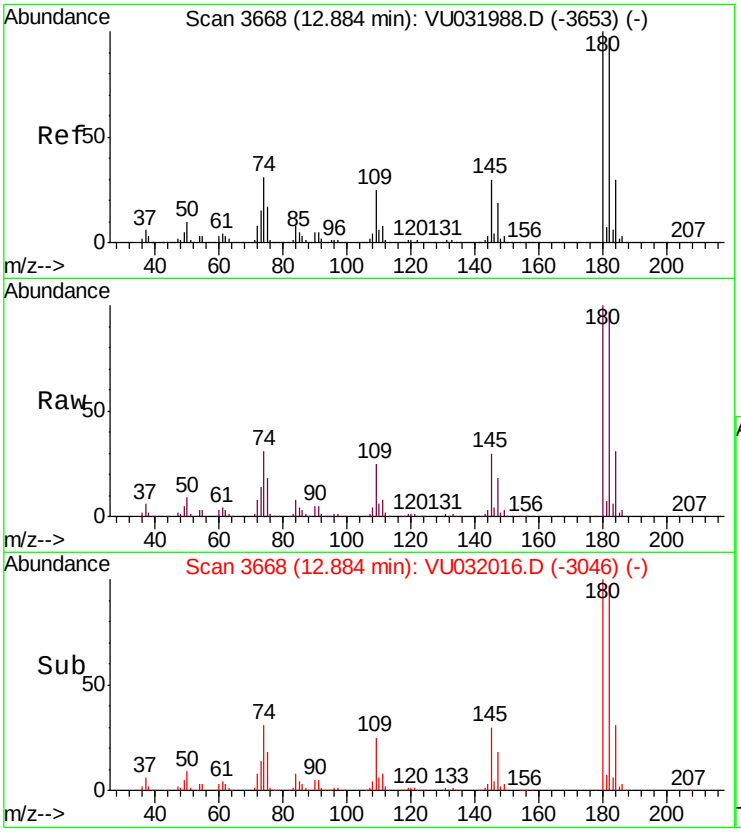


#66
1,2-Dibromo-3-chloropropane
Concen: 43.130 ug/L
RT: 12.65 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion: 75 Resp: 147219

Ion	Ratio	Lower	Upper
75	100		
155	82.2	63.8	95.8
157	105.3	80.2	120.2



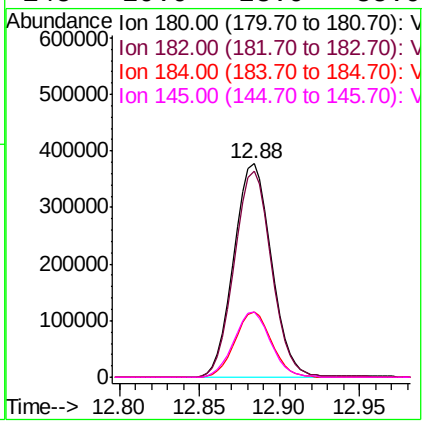


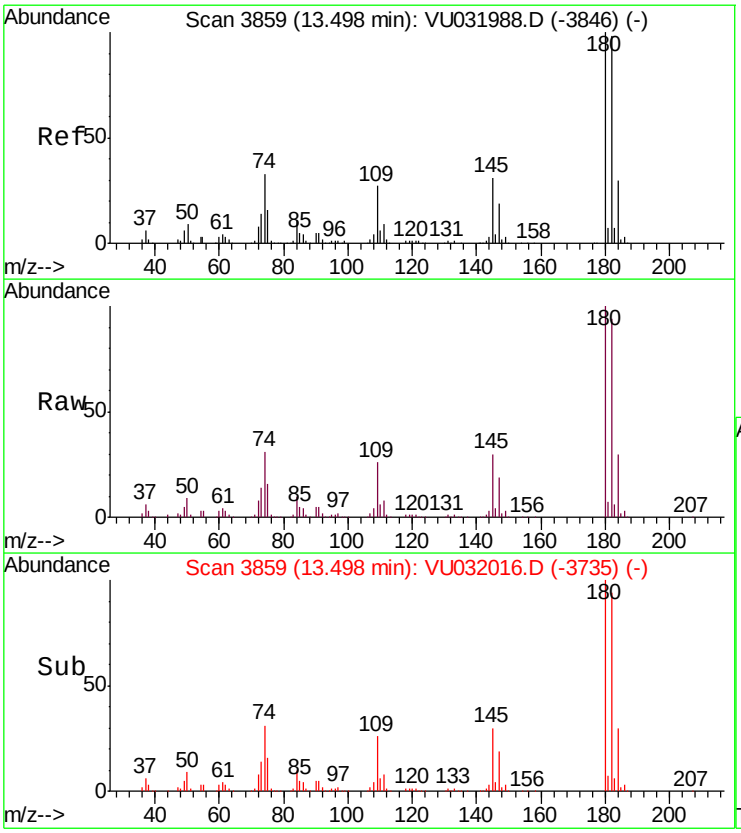
#67
1,3,5-Trichlorobenzene
Concen: 50.658 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion:180 Resp: 605730

Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.4	114.6
184	29.6	24.7	37.1
145	29.9	23.9	35.9

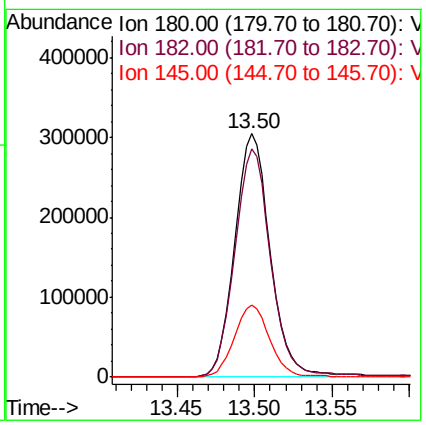


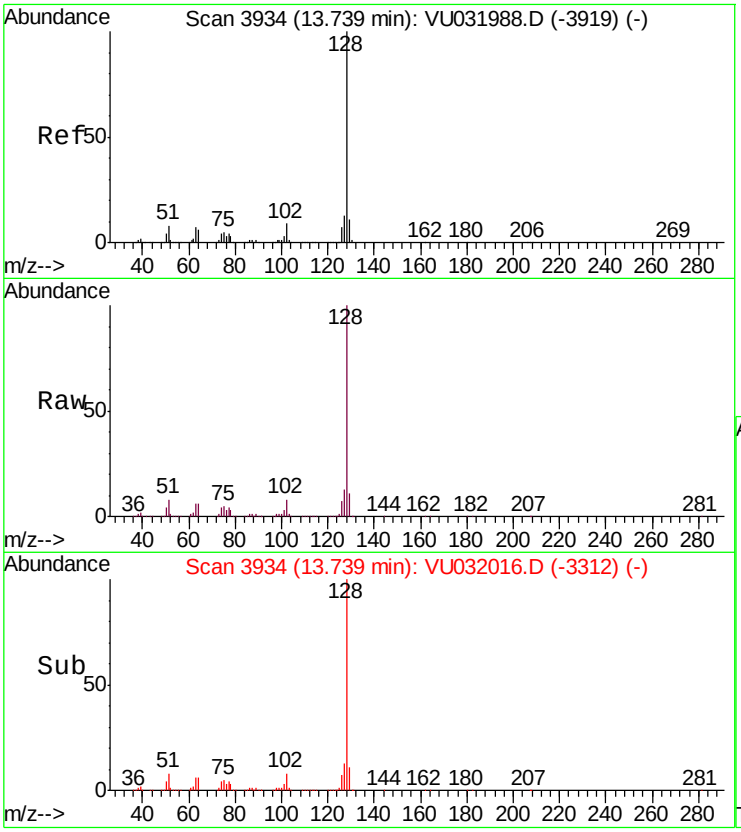


#68
1,2,4-trichlorobenzene
Concen: 52.537 ug/L
RT: 13.50 min Scan# 3859
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:180 Resp: 483857

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.1	114.1
145	29.5	24.0	36.0



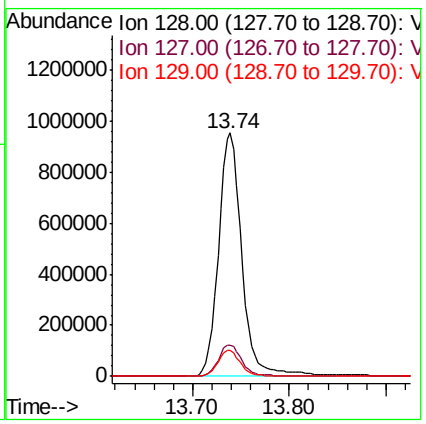


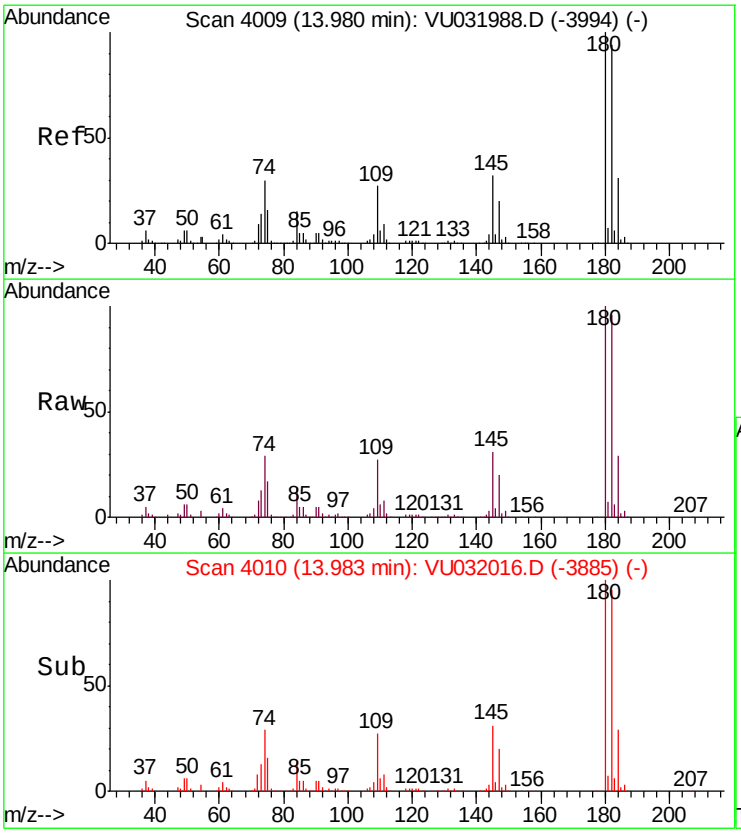
#69
Naphthalene
Concen: 51.989 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. -0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Instrument :
MSVOA_U
ClientSampleId :
BFB43

Tgt Ion:128 Resp: 1594197

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.5	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 51.877 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU032016.D
Acq: 15 May 2019 09:02

Tgt Ion:180 Resp: 520101

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	30.9	25.5	38.3