Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\

Quantitation Report (Not Reviewed)

Data File : VU036150.D
Acq On : 12 Dec 2019 15:01
Operator : JC/MD
Sample : VSTD0.506
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Quant Time: Dec 13 01:23:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 01:21:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	279852	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.45	117	292244	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	108695	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	15051	0.58	ug/L		0.00
7) Chloroethane-d5	1.92	69	13787	0.52	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.59	63	19332	0.43	ug/L		0.00
20) 2-Butanone-d5	4.71	46	20545	4.65	ug/L		0.00
24) Chloroform-d	5.11	84	21622	0.52	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.75	65	11561	0.54	ug/L		0.00
32) Benzene-d6	5.77	84	37154	0.48	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.73	67	11965	0.51	ug/L		0.00
41) Toluene-d8	7.93	98	31759	0.45	ug/L		0.00
43) trans-1,3-Dichloropropene-	8.22	79	4884	0.50	ug/L		0.00
46) 2-Hexanone-d5	8.68	63	14283	4.07	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	10481	0.48	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	9951	0.47	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	18080	0.633	ug/L		98
3) Chloromethane	1.54	50	30040	1.019	ug/L		98
5) Vinyl chloride	1.62	62	20655	0.676	ug/L	#	73
6) Bromomethane	1.87	94	13260	0.578	ug/L		91
8) Chloroethane	1.94	64	12871	0.580	ug/L		92
9) Trichlorofluoromethane	2.14	101	24477	0.499	ug/L		96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	12412	0.461	ug/L		100
12) 1,1-Dichloroethene	2.60	96	11724	0.487	ug/L		98
13) Acetone	2.68	43	27276	5.127	ug/L		96
14) Carbon disulfide	2.82	76	38858	0.547	ug/L		99
15) Methyl Acetate	3.00	43	4860	0.589	ug/L		100
16) Methylene chloride	3.08	84	22643	0.781	ug/L		97
17) Methyl tert-butyl Ether	3.42	73	22209	0.514	ug/L		98
18) trans-1,2-Dichloroethene	3.39	96	12130	0.567	ug/L		89
19) 1,1-Dichloroethane	3.92	63	22246	0.576	ug/L		93
21) 2-Butanone	4.79	43	28051	5.032	ug/L		98
22) cis-1,2-Dichloroethene	4.72	96	11728	0.526	ug/L		96
23) Bromochloromethane	5.03	128	6276	0.546	ug/L		89
25) Chloroform	5.14	83	23883	0.562	ug/L		94
27) 1,2-Dichloroethane	5.84	62	12798	0.508	ug/L	#	89
29) 1,1,1-Trichloroethane	5.36	97	20113	0.583	ug/L		96
30) Cyclohexane	5.43	56	13177	0.477	ug/L		95
31) Carbon tetrachloride	5.56	117	17007	0.544	ug/L		100
33) Benzene	5.82	78	46082	0.544	ug/L		100
34) Trichloroethene	6.58	95	12012	0.538	ug/L		98
35) Methylcyclohexane	6.80	83	14317	0.472	ug/L		90
37) 1,2-Dichloropropane	6.84	63	12621	0.591	ug/L	#	94
38) Bromodichloromethane	7.14	83	15759	0.555	ug/L		96
39) cis-1,3-Dichloropropene	7.65	75	14198	0.492	ug/L		99
40) 4-Methyl-2-pentanone	7.84	43	54429	4.881	ug/L		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\

Quantitation Report (Not Reviewed)

Data File : VU036150.D
Acq On : 12 Dec 2019 15:01
Operator : JC/MD
Sample : VSTD0.506
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Quant Time: Dec 13 01:23:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 01:21:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	8.01	91	45846	0.506	ug/L		94
44) trans-1,3-Dichloropropene	8.25	75	12542	0.503	ug/L		99
45) 1,1,2-Trichloroethane	8.43	97	9105	0.548	ug/L		92
47) Tetrachloroethene	8.58	164	10066	0.481	ug/L		95
48) 2-Hexanone	8.73	43	36576	4.694	ug/L		90
49) Dibromochloromethane	8.84	129	11113	0.523	ug/L		91
50) 1,2-Dibromoethane	8.96	107	7878	0.501	ug/L	#	94
51) Chlorobenzene	9.48	112	34001	0.554	ug/L		96
52) Ethylbenzene	9.60	91	41382	0.451	ug/L		99
53) m,p-Xylene	9.72	106	15533	0.423	ug/L		94
54) o-Xylene	10.13	106	15166	0.432	ug/L		93
55) Styrene	10.14	104	27553	0.455	ug/L		97
56) Isopropylbenzene	10.51	105	36714	0.396	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.81	83	11562	0.525	ug/L		95
59) 1,2,3-Trichloropropane	10.85	75	7470	0.492	ug/L	#	88
61) Bromoform	10.32	173	7037	0.640	ug/L		98
62) 1,3-Dichlorobenzene	11.77	146	19276	0.528	ug/L		96
63) 1,4-Dichlorobenzene	11.86	146	18960	0.531	ug/L		94
65) 1,2-Dichlorobenzene	12.24	146	18417	0.512	ug/L		93
66) 1,2-Dibromo-3-chloropropan	13.01	75	1244	0.556	ug/L		96
67) 1,3,5-Trichlorobenzene	13.24	180	11786	0.493	ug/L		95
68) 1,2,4-trichlorobenzene	13.86	180	4766	0.377	ug/L		92
69) Naphthalene	14.10	128	4487	0.361	ug/L	#	94
70) 1,2,3-Trichlorobenzene	14.35	180	4071	0.329	ug/L		92

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

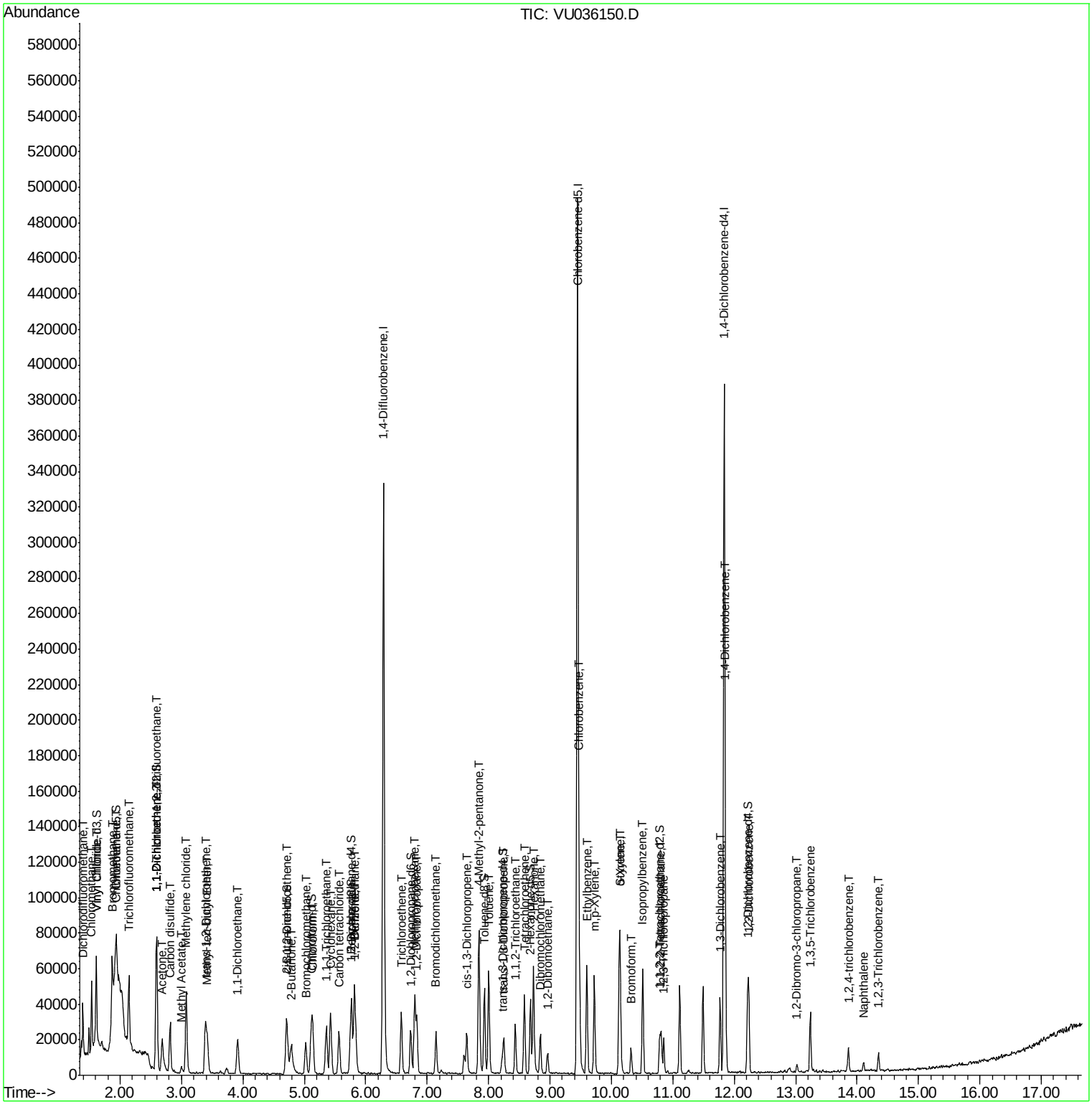
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\

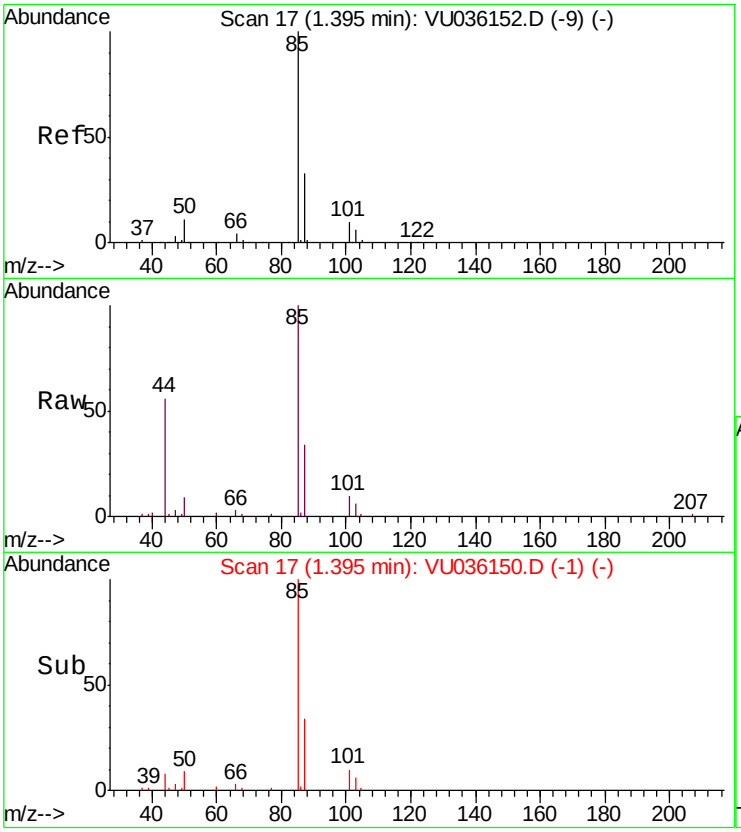
Quantitation Report (Not Reviewed)

Data File : VU036150.D
Acq On : 12 Dec 2019 15:01
Operator : JC/MD
Sample : VSTD0.506
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Quant Time: Dec 13 01:23:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 01:21:02 2019
Response via : Initial Calibration



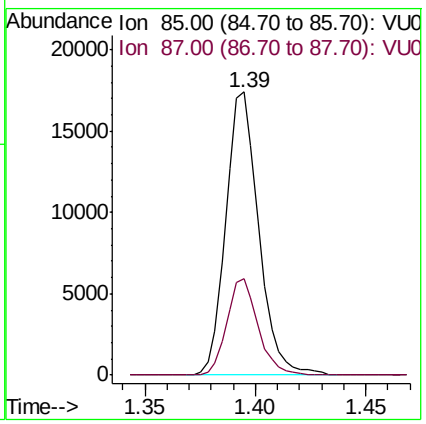


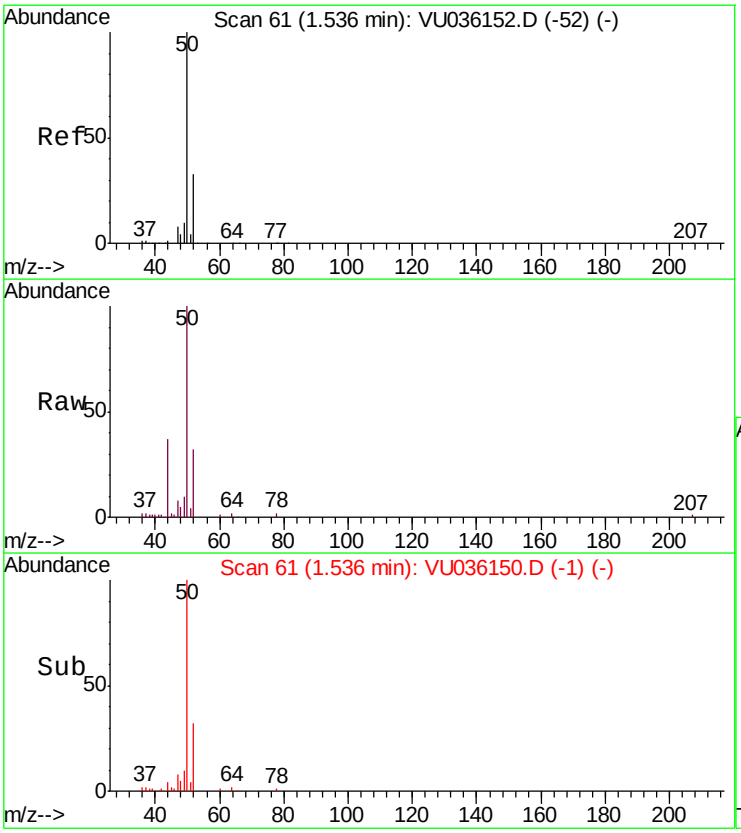
#2
Dichlorodifluoromethane
Concen: 0.633 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion: 85 Resp: 18080

Ion	Ratio	Lower	Upper
85	100		
87	32.0	26.4	39.6

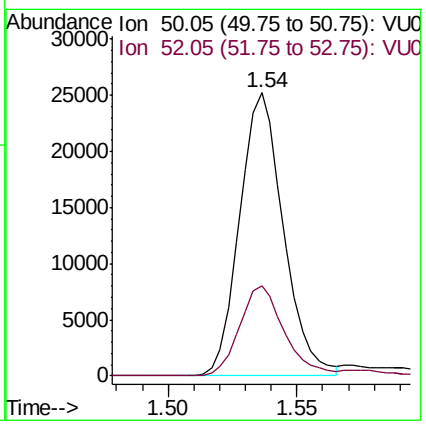


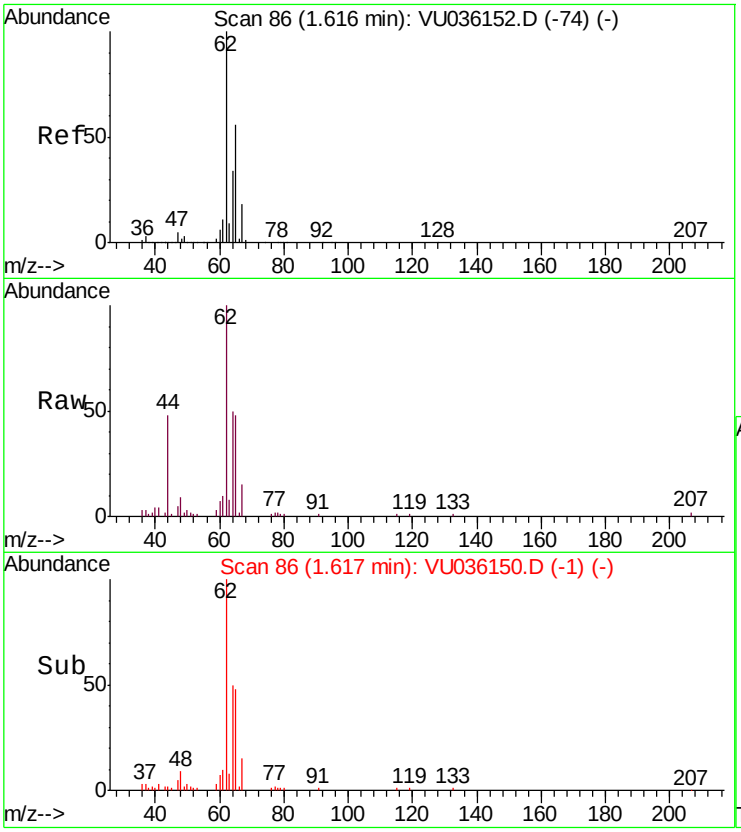


#3
Chloromethane
Concen: 1.019 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 50 Resp: 30040

Ion	Ratio	Lower	Upper
50	100		
52	32.0	23.0	42.8



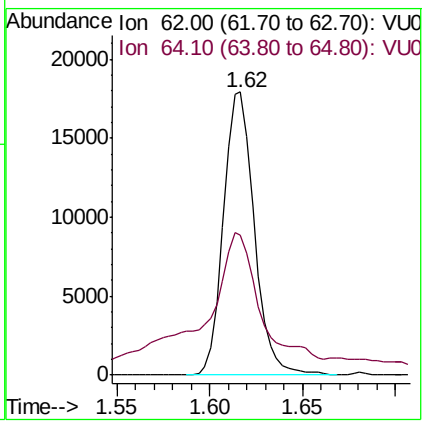


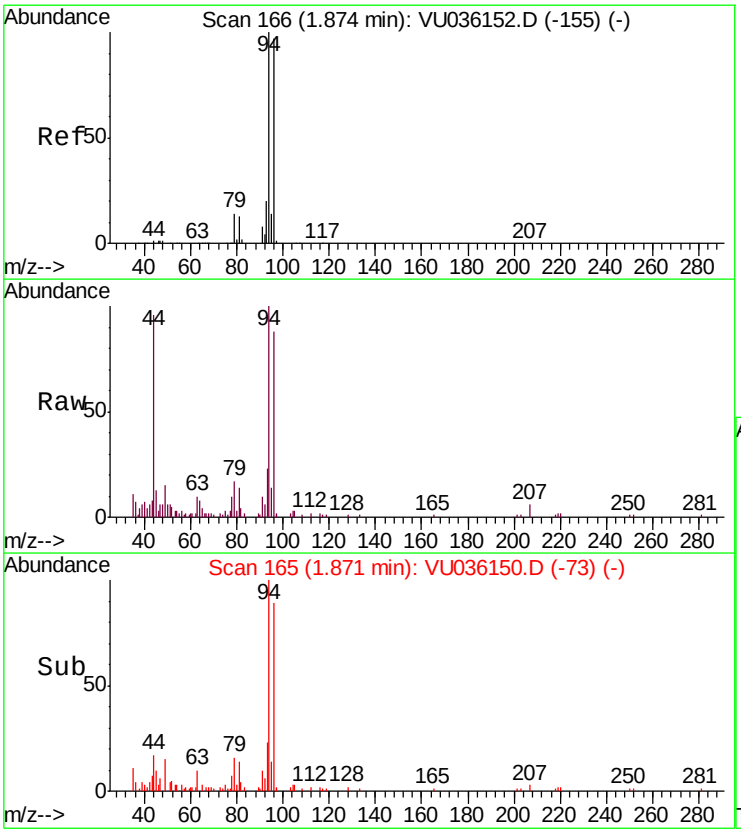
#5
Vinyl chloride
Concen: 0.676 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion: 62 Resp: 20655

Ion	Ratio	Lower	Upper
62	100		
64	49.6	24.0	44.6#

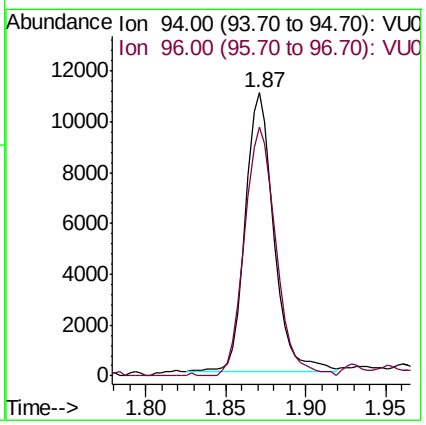


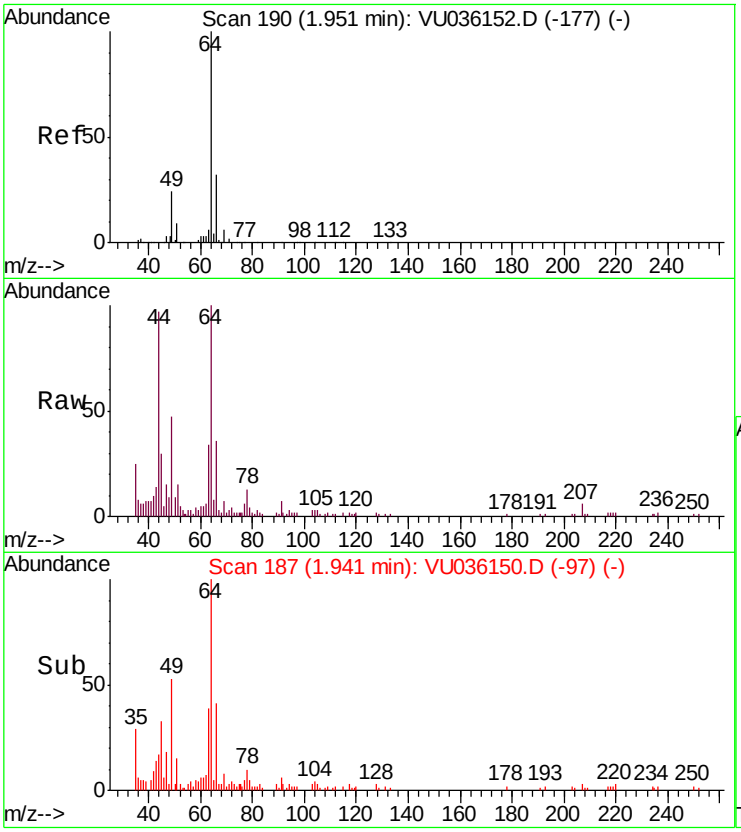


#6
Bromomethane
Concen: 0.578 ug/L
RT: 1.87 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 94 Resp: 13260

Ion	Ratio	Lower	Upper
94	100		
96	87.8	67.7	125.7



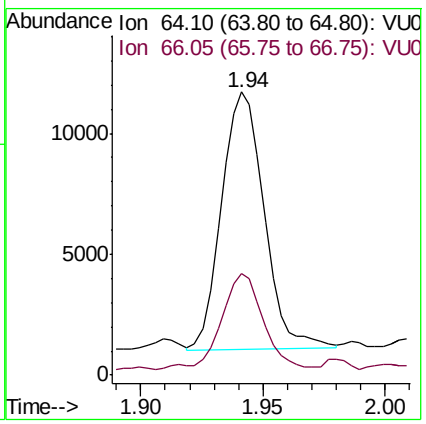


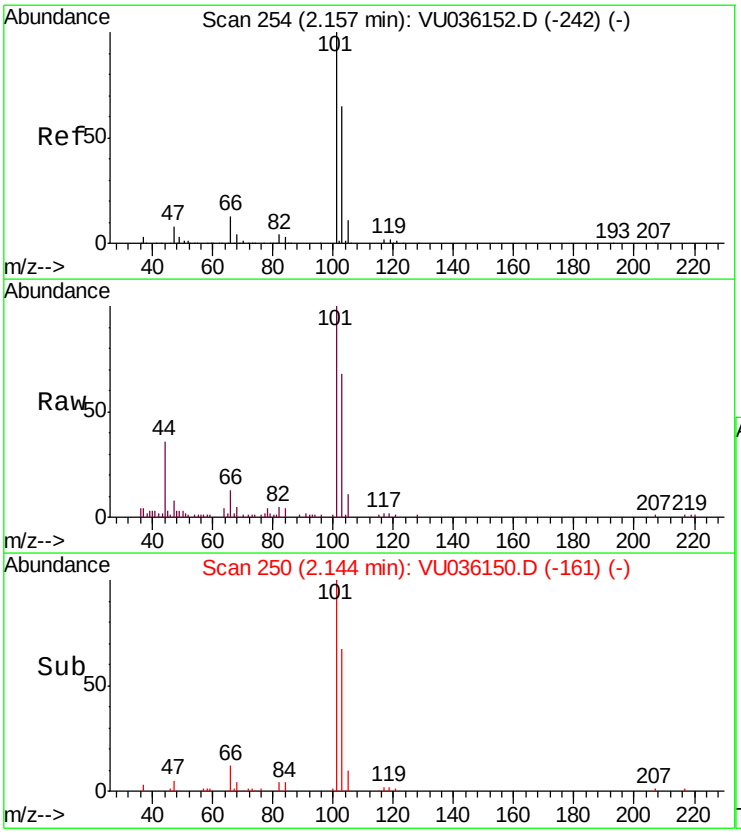
#8
Chloroethane
Concen: 0.580 ug/L
RT: 1.94 min Scan# 187
Delta R.T. -0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion: 64 Resp: 12871

Ion	Ratio	Lower	Upper
64	100		
66	35.8	22.0	41.0

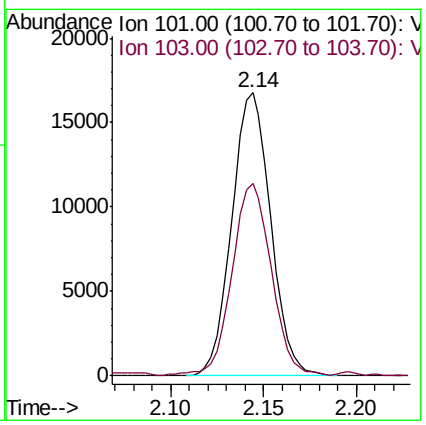


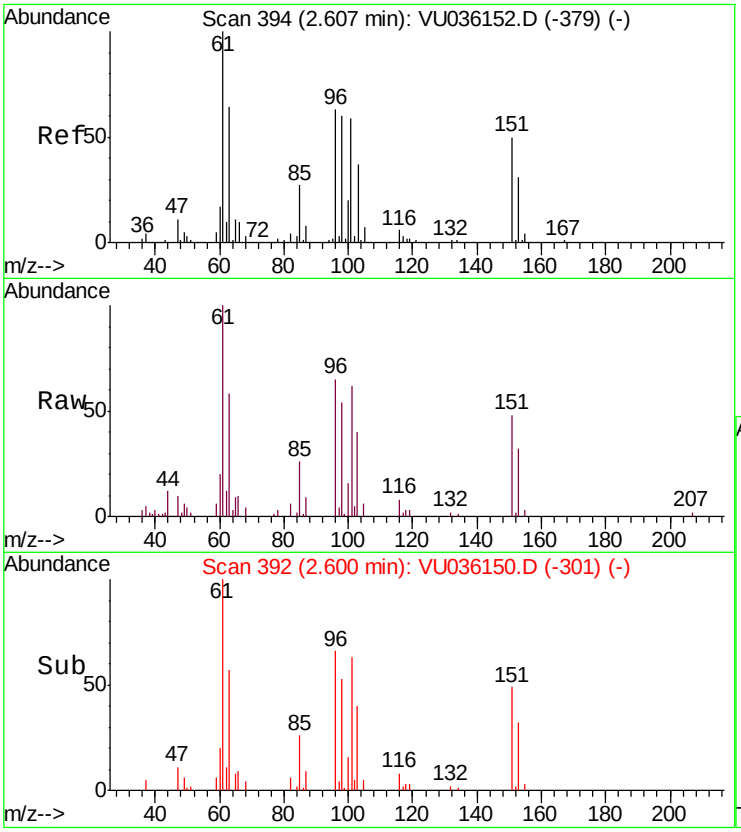


#9
Trichlorofluoromethane
Concen: 0.499 ug/L
RT: 2.14 min Scan# 250
Delta R.T. -0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:101 Resp: 24477

Ion	Ratio	Lower	Upper
101	100		
103	68.9	52.6	78.8



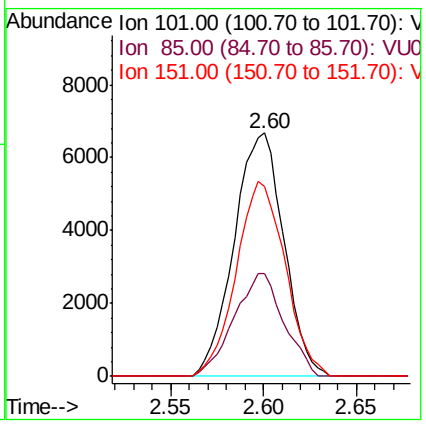


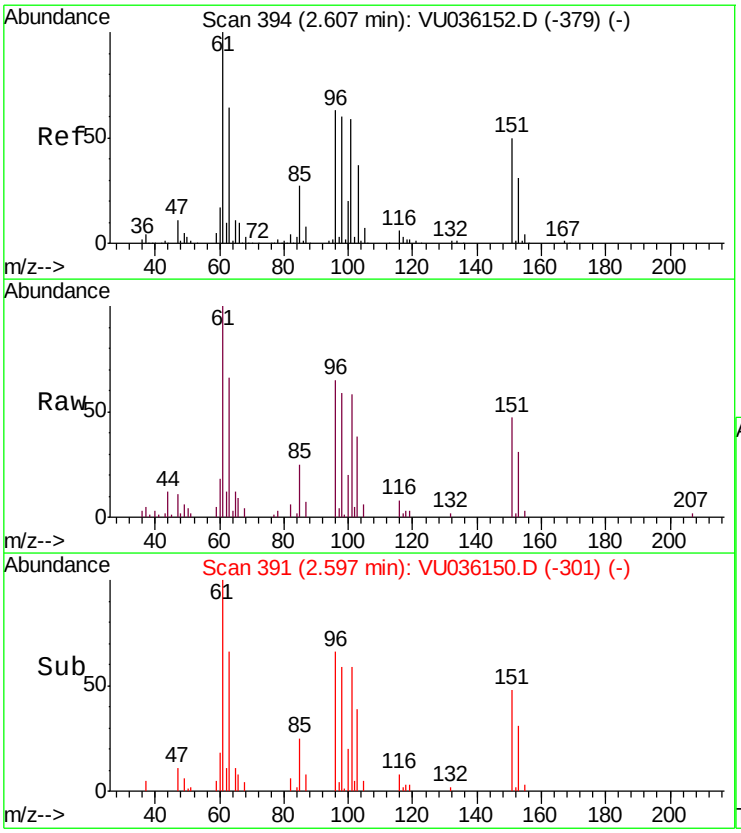
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.461 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion:101 Resp: 12412

Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.2	51.4
151	79.0	63.4	95.0

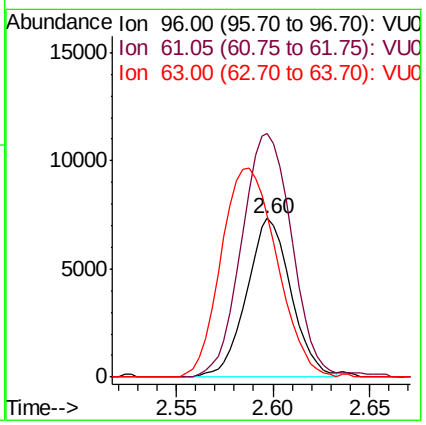


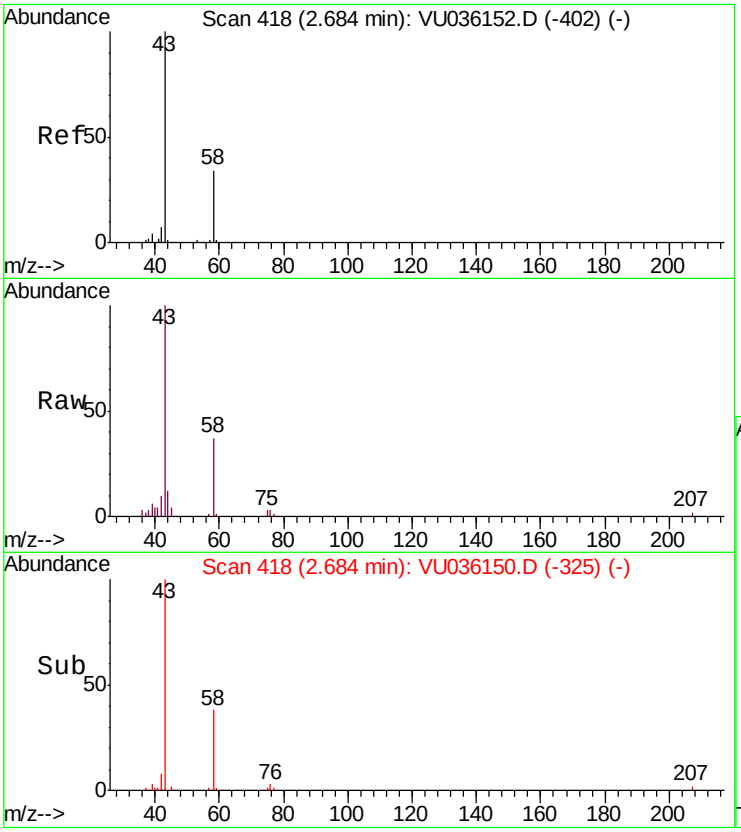


#12
1,1-Dichloroethene
Concen: 0.487 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 96 Resp: 11724

Ion	Ratio	Lower	Upper
96	100		
61	153.4	110.6	205.4
63	101.8	71.6	133.0



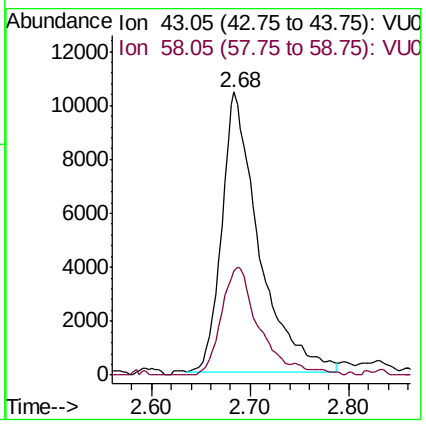


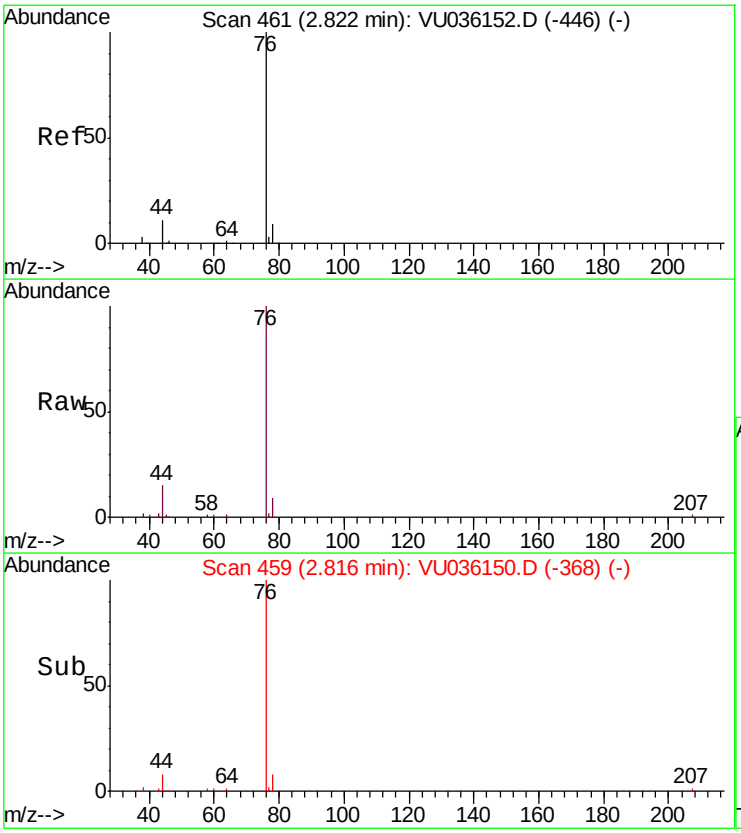
#13
Acetone
Concen: 5.127 ug/L
RT: 2.68 min Scan# 418
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion: 43 Resp: 27276

Ion	Ratio	Lower	Upper
43	100		
58	37.4	0.0	70.0

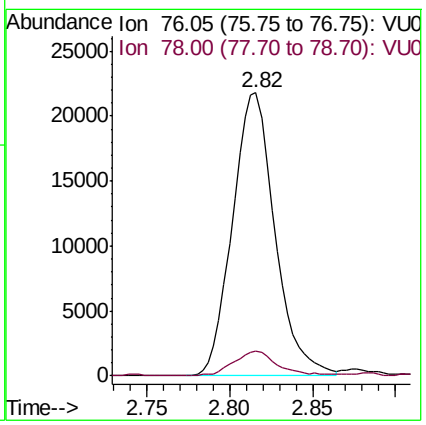


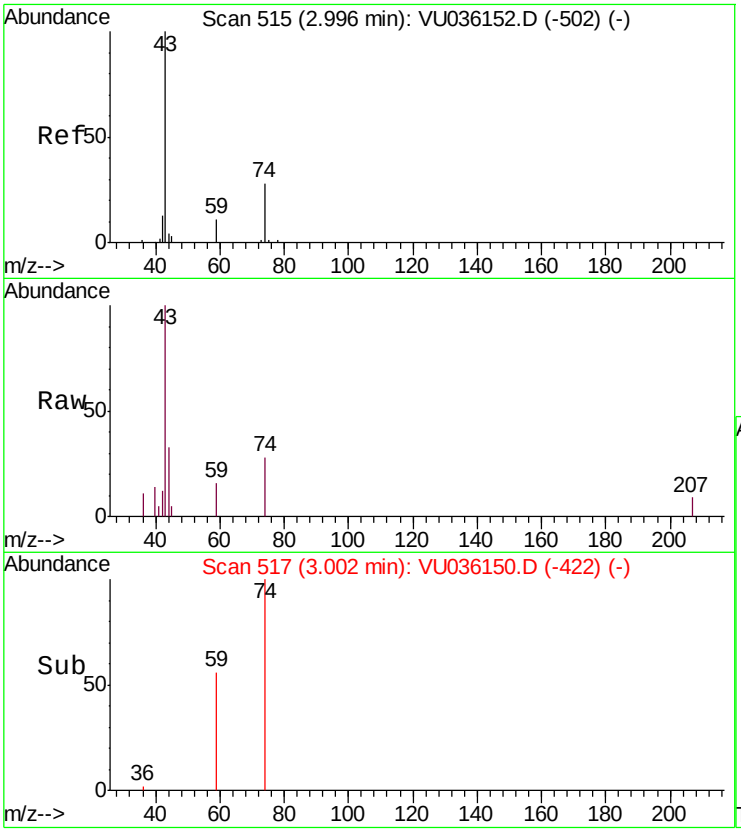


#14
Carbon disulfide
Concen: 0.547 ug/L
RT: 2.82 min Scan# 459
Delta R.T. -0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 76 Resp: 38858

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8



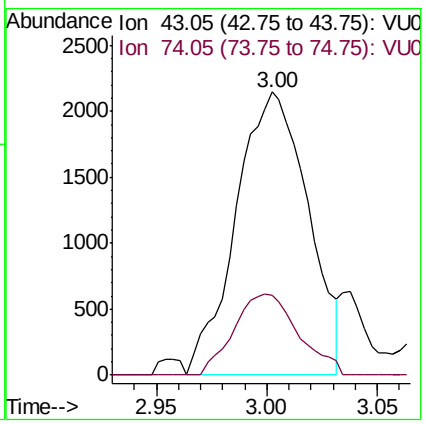


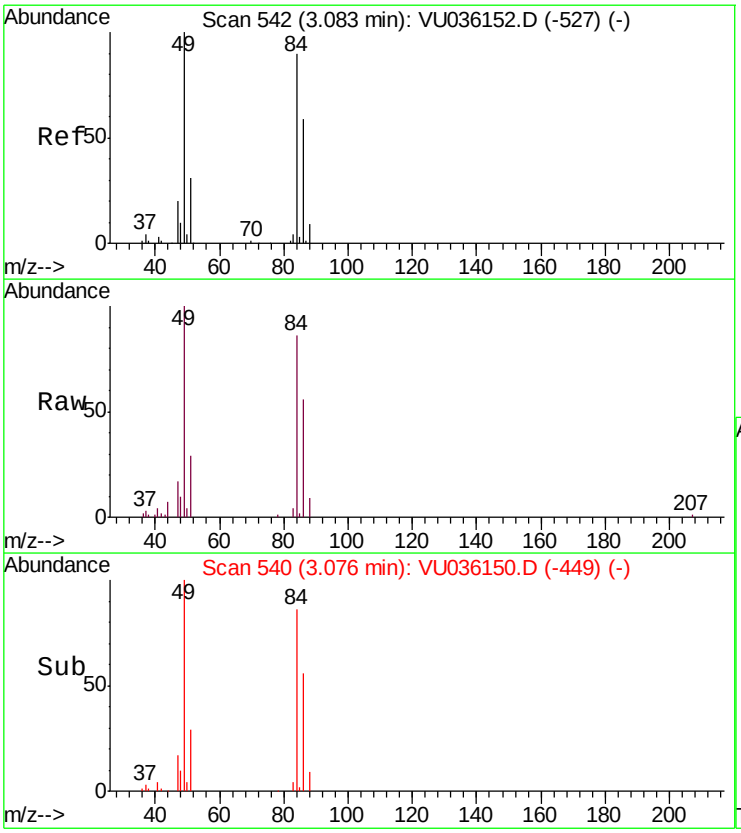
#15
Methyl Acetate
Concen: 0.589 ug/L
RT: 3.00 min Scan# 517
Delta R.T. 0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion: 43 Resp: 4860

Ion	Ratio	Lower	Upper
43	100		
74	25.7	20.6	30.8

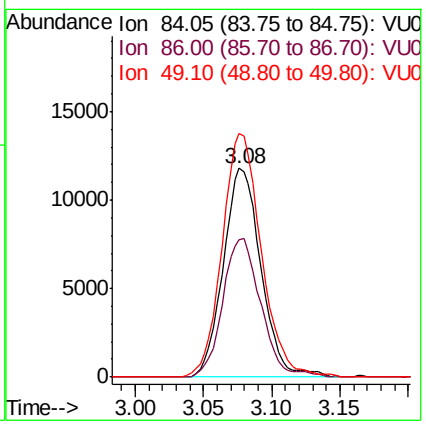


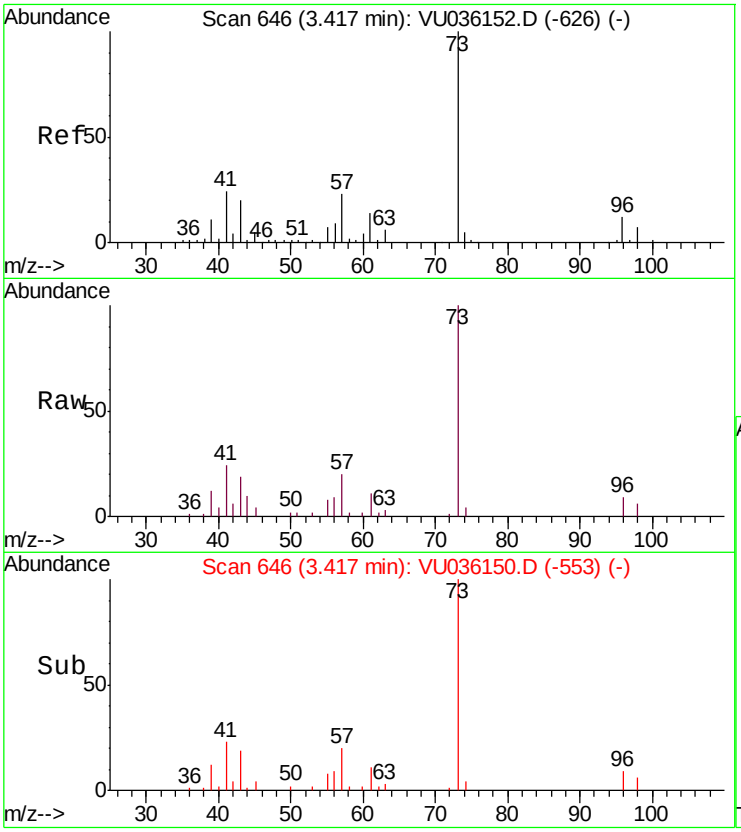


#16
Methylene chloride
Concen: 0.781 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 84 Resp: 22643

Ion	Ratio	Lower	Upper
84	100		
86	65.8	46.1	85.5
49	116.7	77.7	144.3



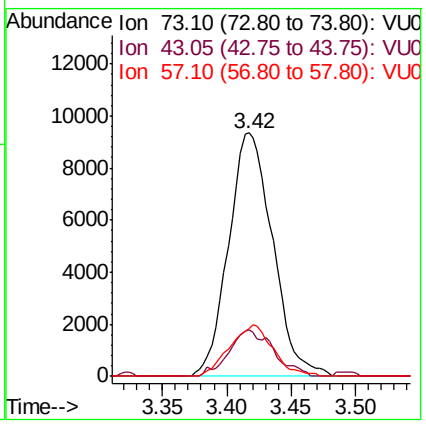


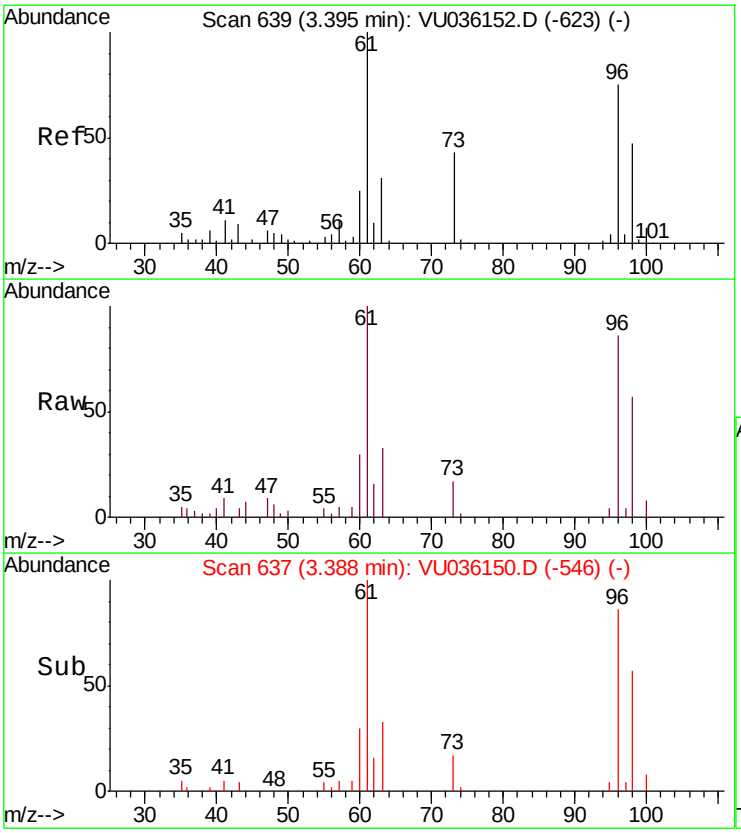
#17
Methyl tert-butyl Ether
Concen: 0.514 ug/L
RT: 3.42 min Scan# 646
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion: 73 Resp: 22209

Ion	Ratio	Lower	Upper
73	100		
43	19.3	15.3	22.9
57	20.9	18.3	27.5

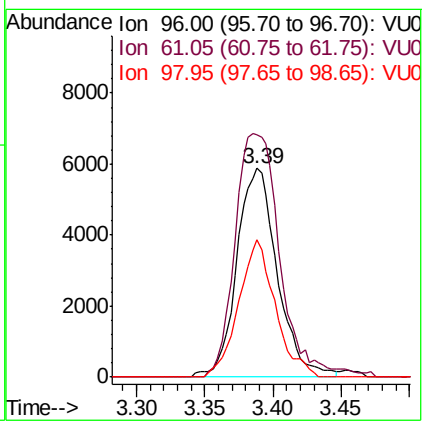


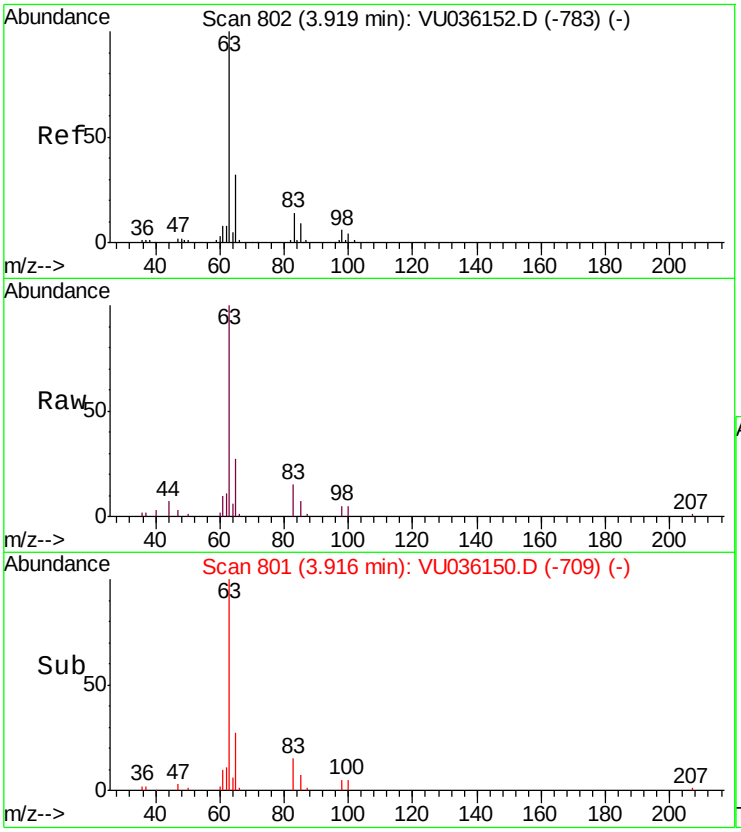


#18
trans-1,2-Dichloroethene
Concen: 0.567 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 96 Resp: 12130

Ion	Ratio	Lower	Upper
96	100		
61	115.9	93.2	173.2
98	65.8	43.5	80.9



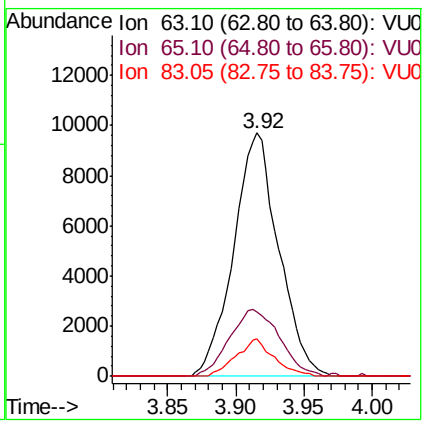


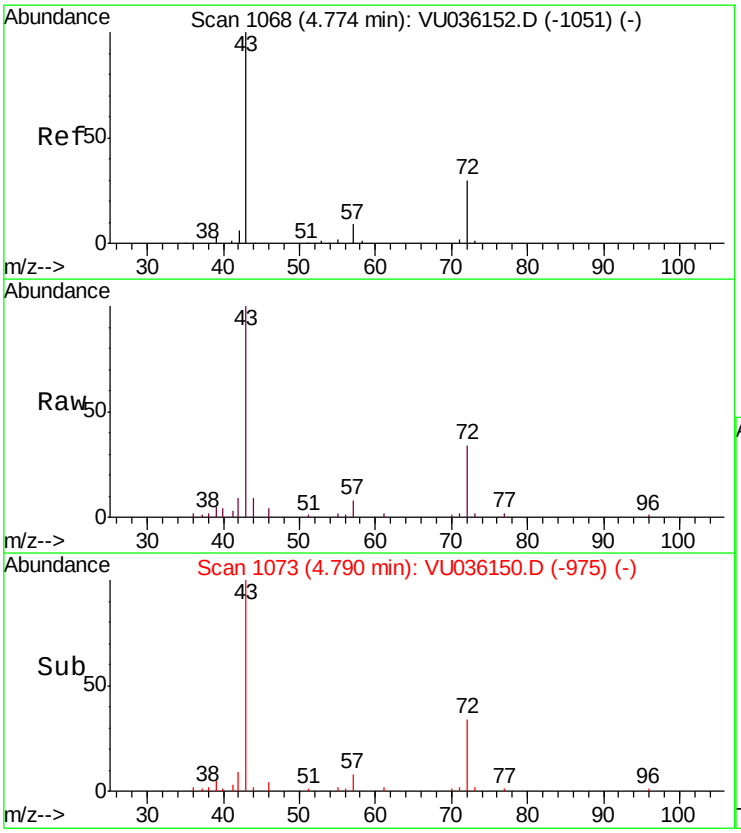
#19
1,1-Dichloroethane
Concen: 0.576 ug/L
RT: 3.92 min Scan# 801
Delta R.T. -0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion: 63 Resp: 22246

Ion	Ratio	Lower	Upper
63	100		
65	26.7	22.2	41.2
83	15.3	9.8	18.2

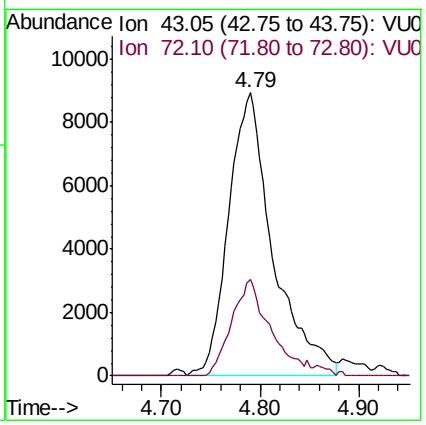


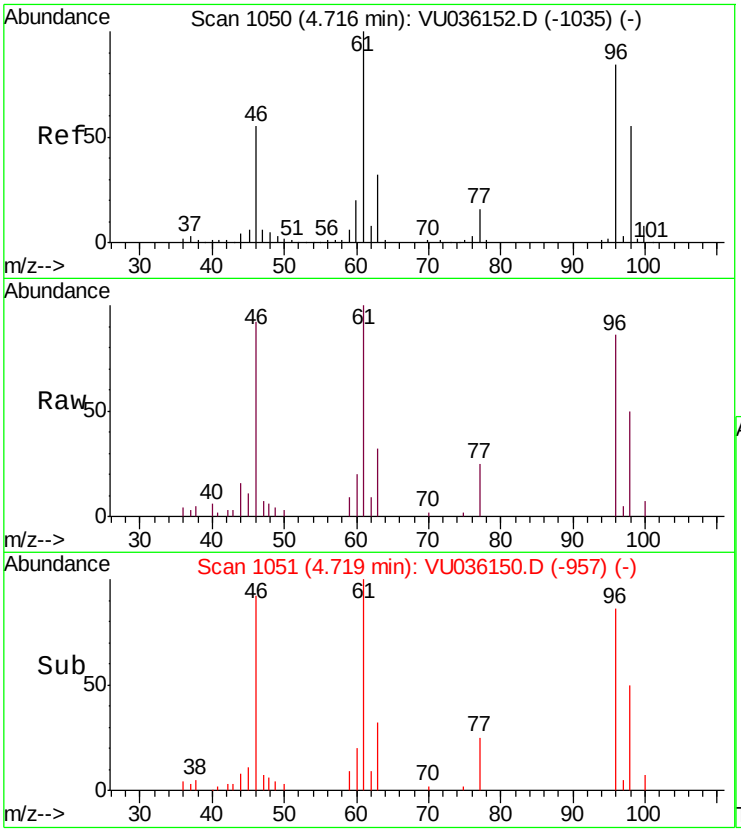


#21
2-Butanone
Concen: 5.032 ug/L
RT: 4.79 min Scan# 1073
Delta R.T. 0.02 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 43 Resp: 28051

Ion	Ratio	Lower	Upper
43	100		
72	29.8	14.4	43.2



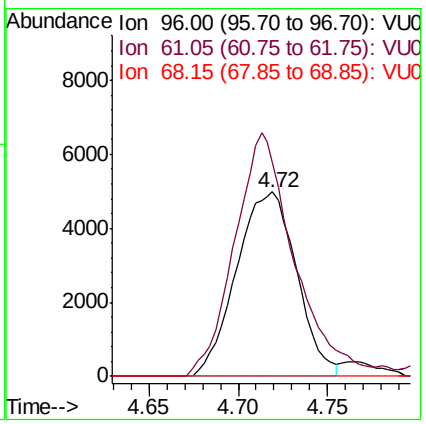


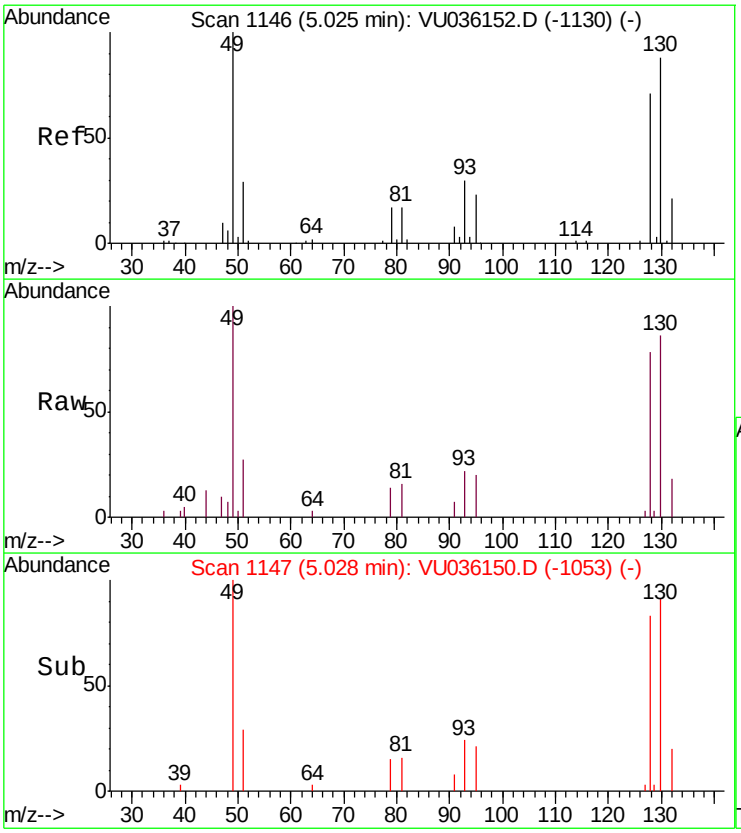
#22
cis-1,2-Dichloroethene
Concen: 0.526 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion: 96 Resp: 11728

Ion	Ratio	Lower	Upper
96	100		
61	115.8	83.8	155.6
68	0.0	0.0	0.0

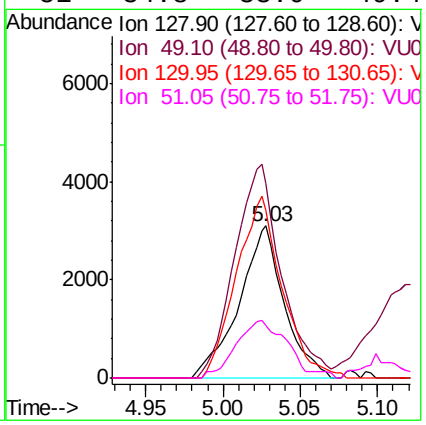


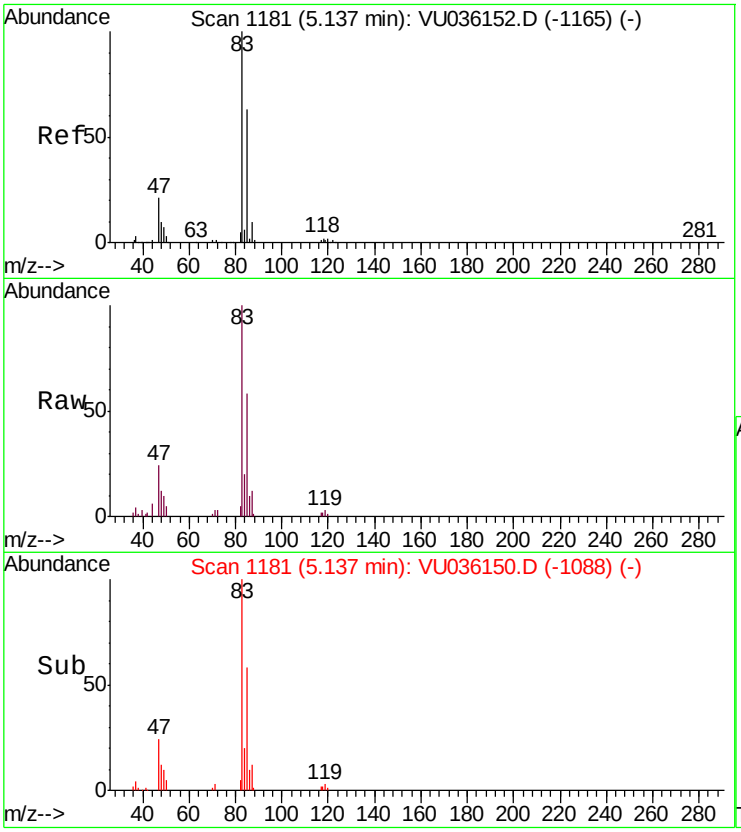


#23
Bromochloromethane
Concen: 0.546 ug/L
RT: 5.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:128 Resp: 6276

Ion	Ratio	Lower	Upper
128	100		
49	127.4	98.3	182.7
130	109.8	86.0	159.6
51	34.8	33.0	49.4



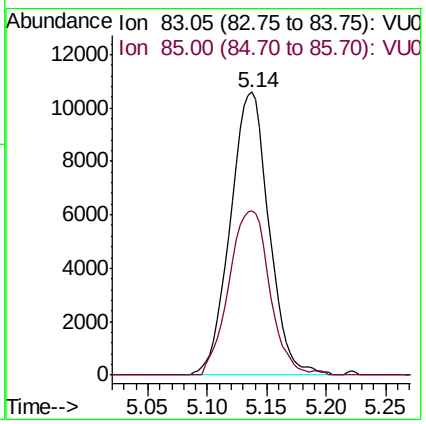


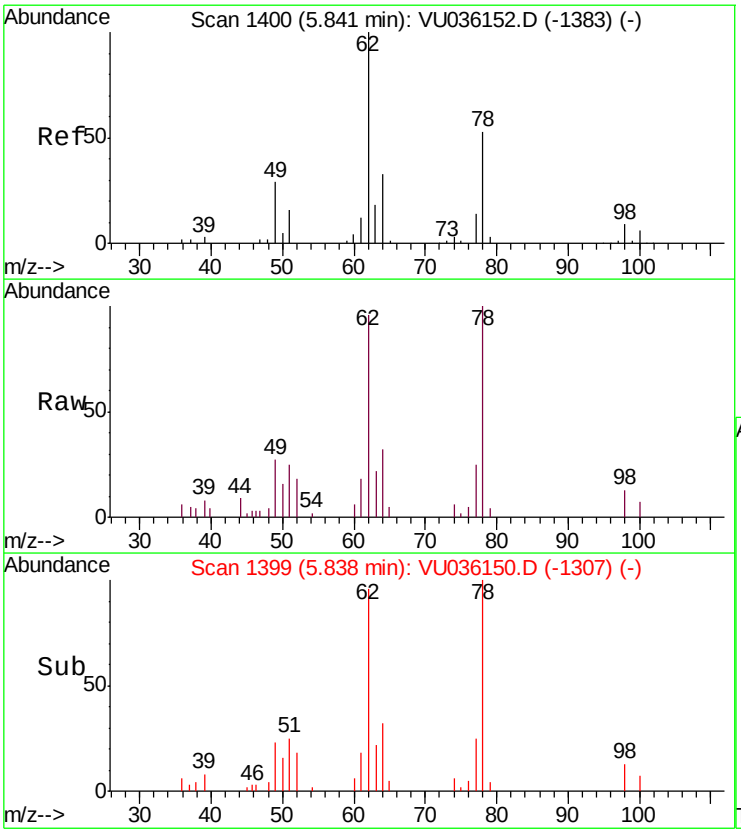
#25
Chloroform
Concen: 0.562 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion: 83 Resp: 23883

Ion	Ratio	Lower	Upper
83	100		
85	58.1	44.2	82.0

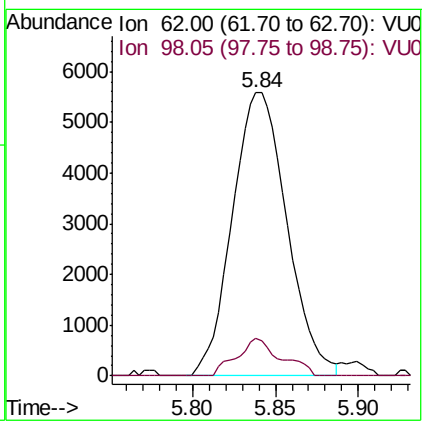


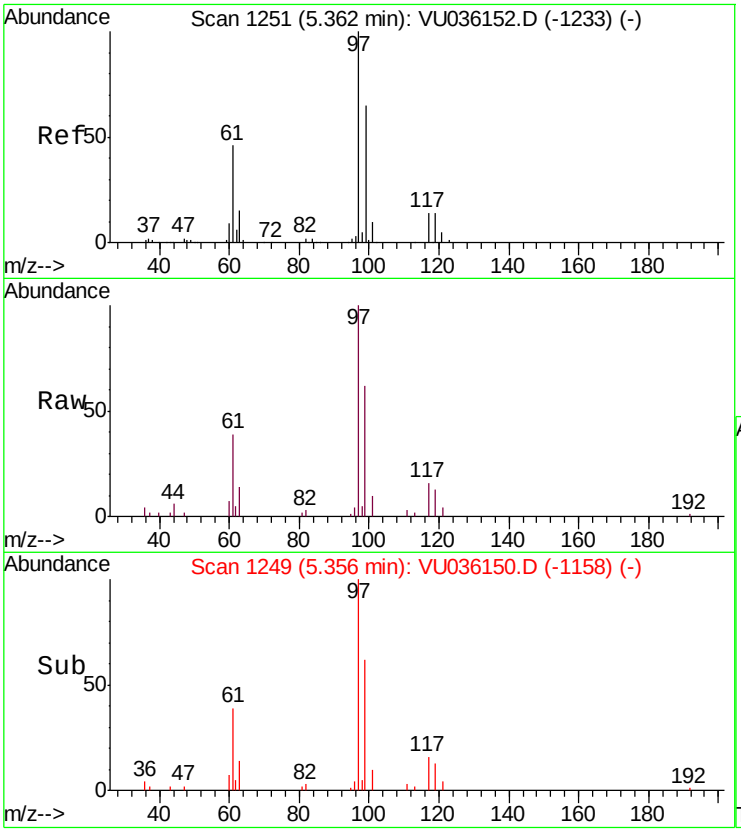


#27
1,2-Dichloroethane
Concen: 0.508 ug/L
RT: 5.84 min Scan# 1399
Delta R.T. -0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 62 Resp: 12798

Ion	Ratio	Lower	Upper
62	100		
98	13.2	7.3	10.9#



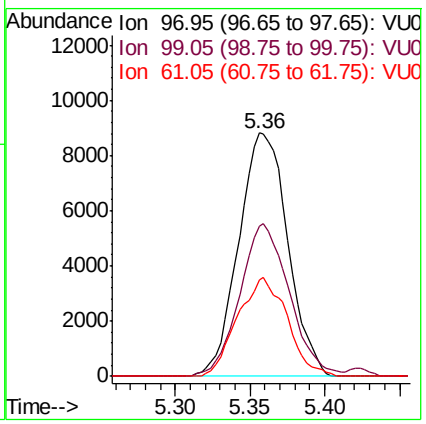


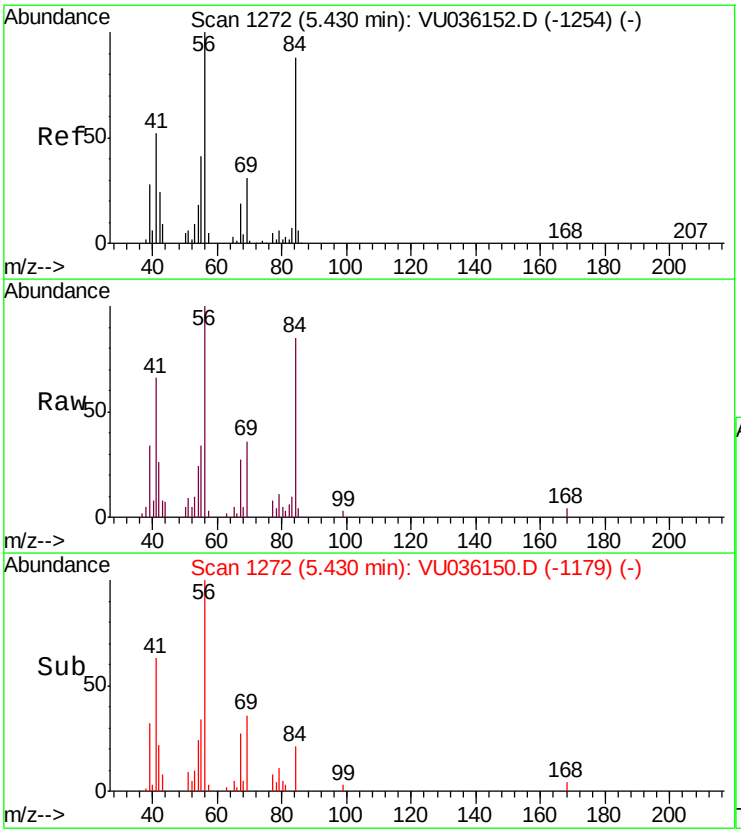
#29
1,1,1-Trichloroethane
Concen: 0.583 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. -0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion: 97 Resp: 20113

Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.6	79.0
61	41.2	35.4	53.2

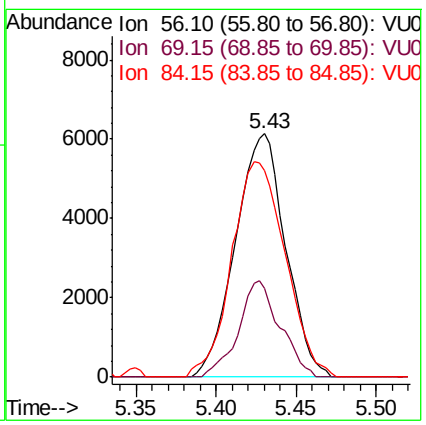


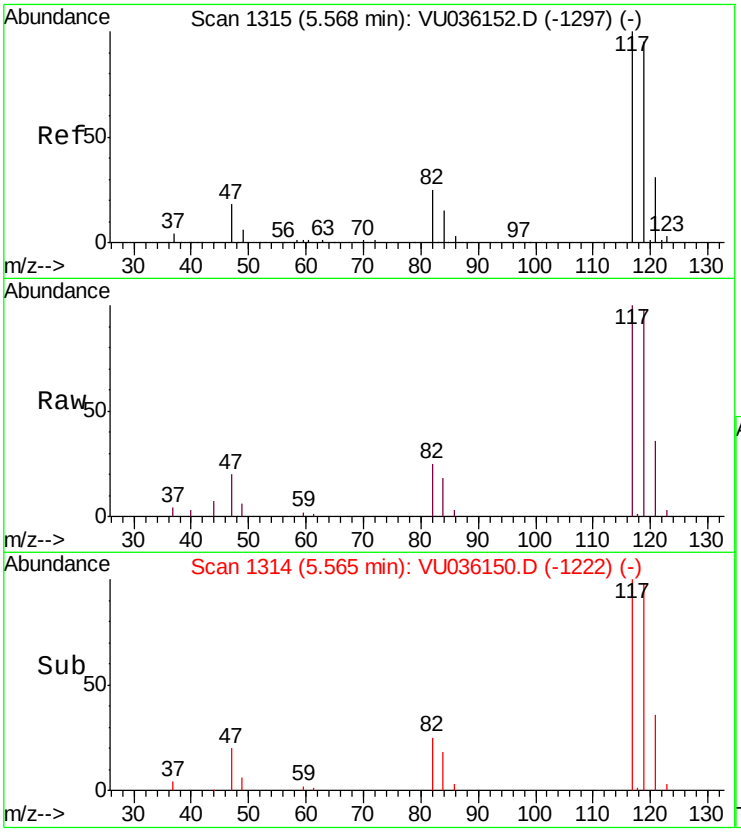


#30
Cyclohexane
Concen: 0.477 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 56 Resp: 13177

Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.7	37.1
84	94.2	71.4	107.2



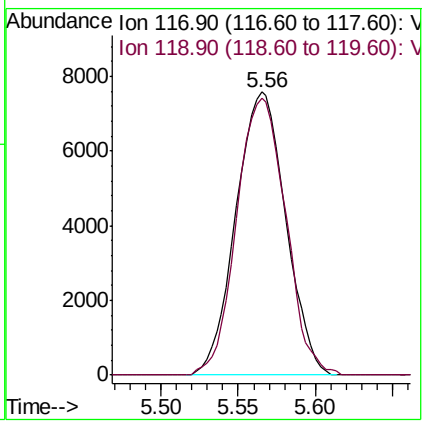


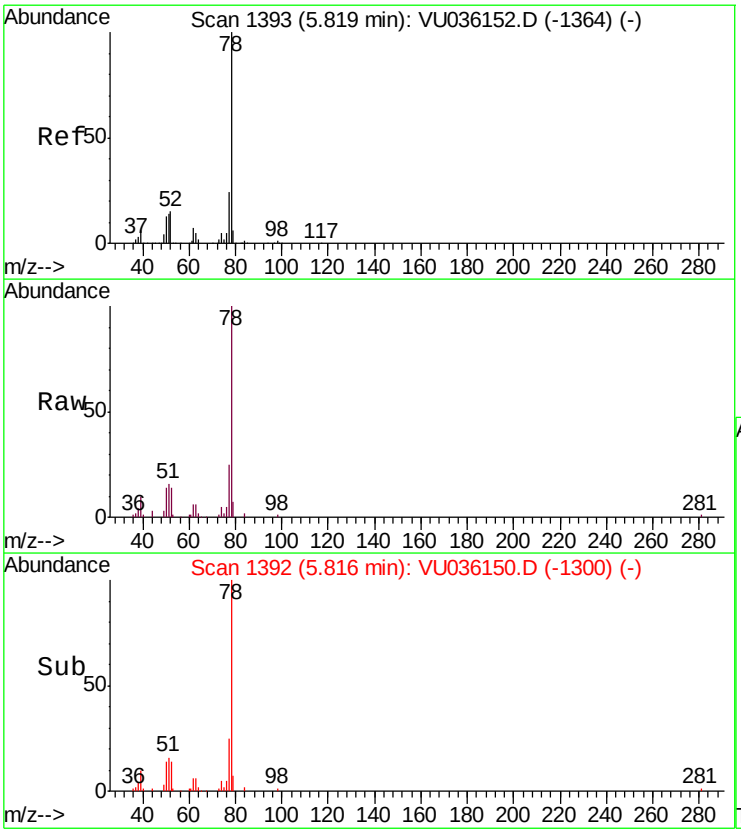
#31
Carbon tetrachloride
Concen: 0.544 ug/L
RT: 5.56 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion:117 Resp: 17007

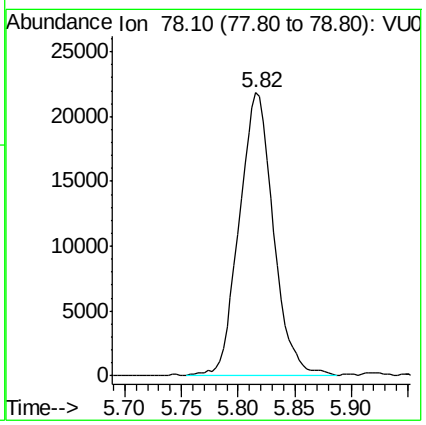
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.6	114.8

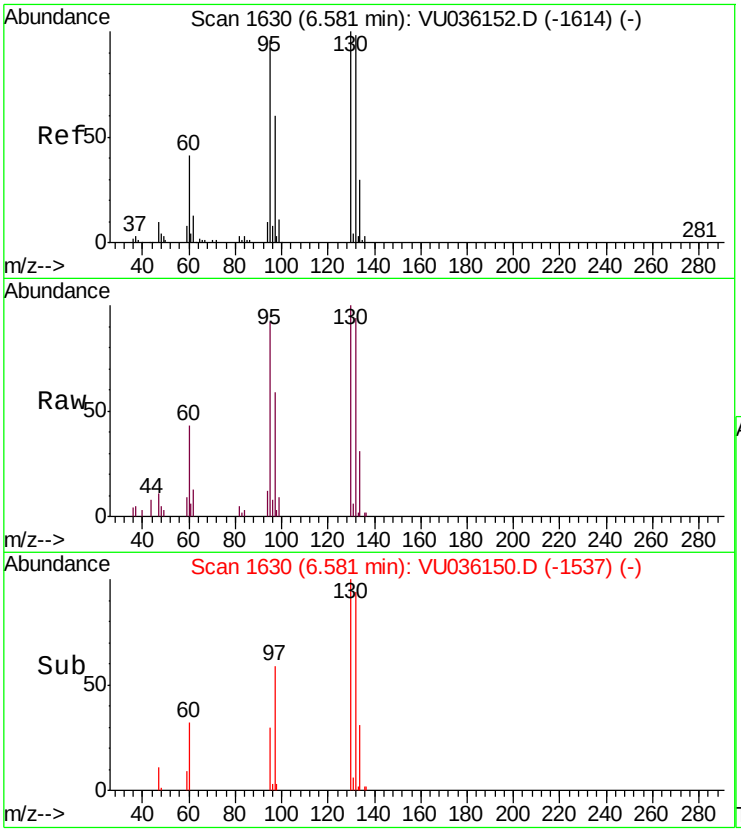




#33
Benzene
Concen: 0.544 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 78 Resp: 46082



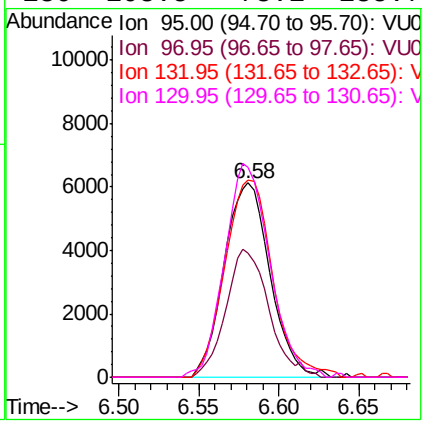


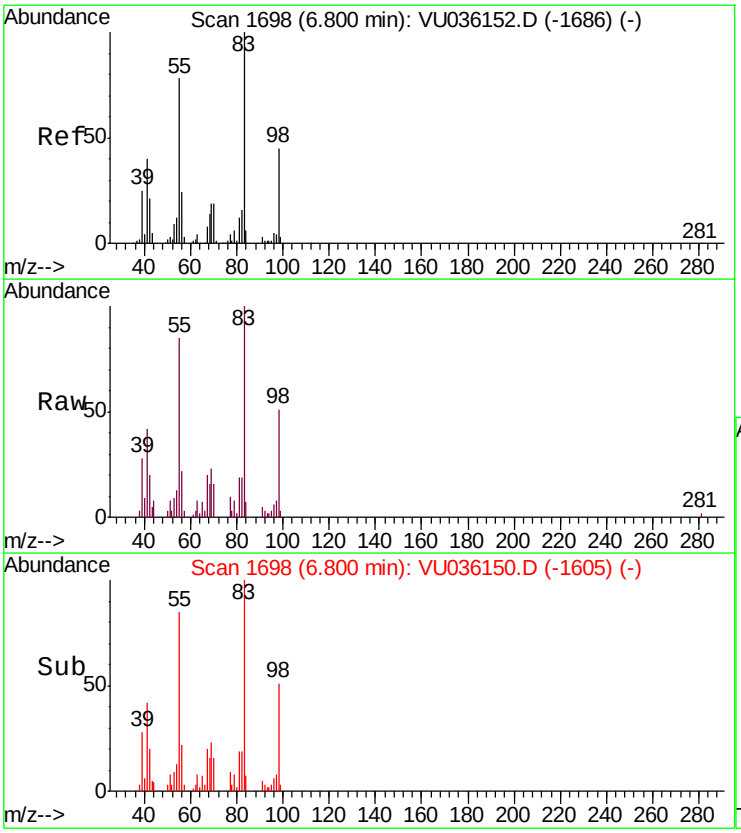
#34
Trichloroethene
Concen: 0.538 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion: 95 Resp: 12012

Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.7	81.1
132	102.0	71.7	133.3
130	108.5	73.1	135.7

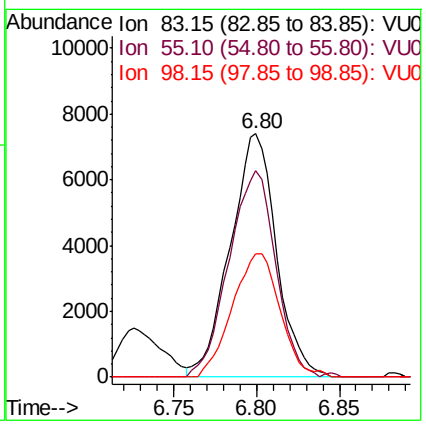


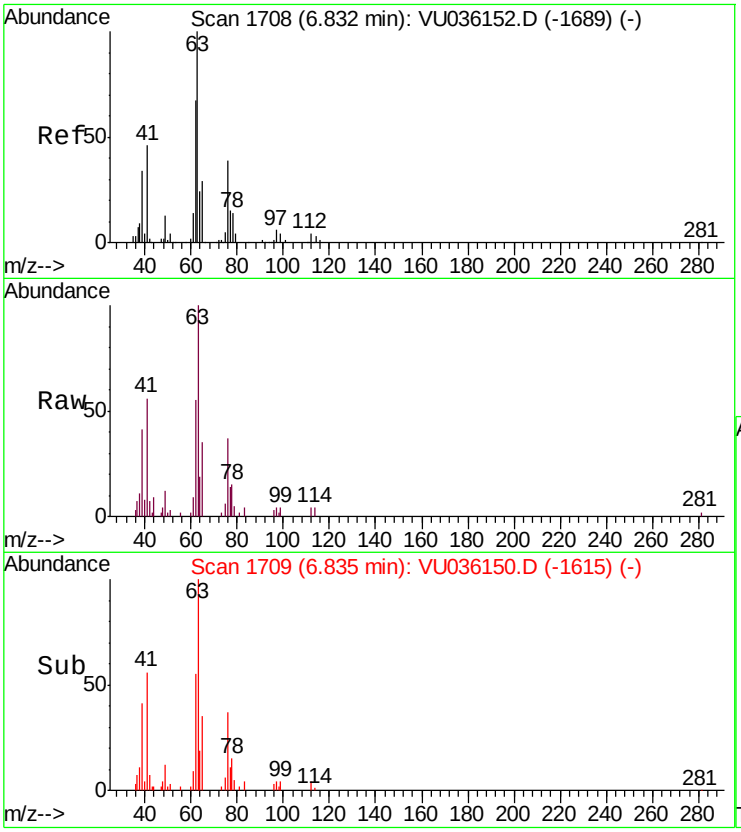


#35
Methylcyclohexane
Concen: 0.472 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 83 Resp: 14317

Ion	Ratio	Lower	Upper
83	100		
55	85.7	61.9	92.9
98	52.6	35.8	53.6



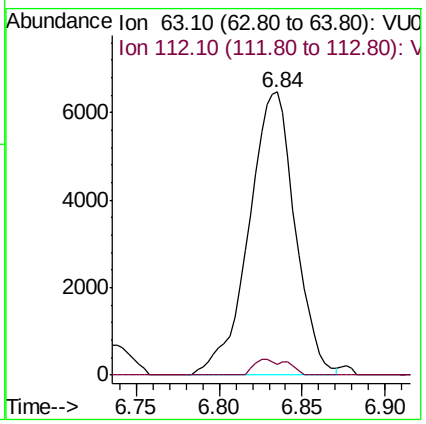


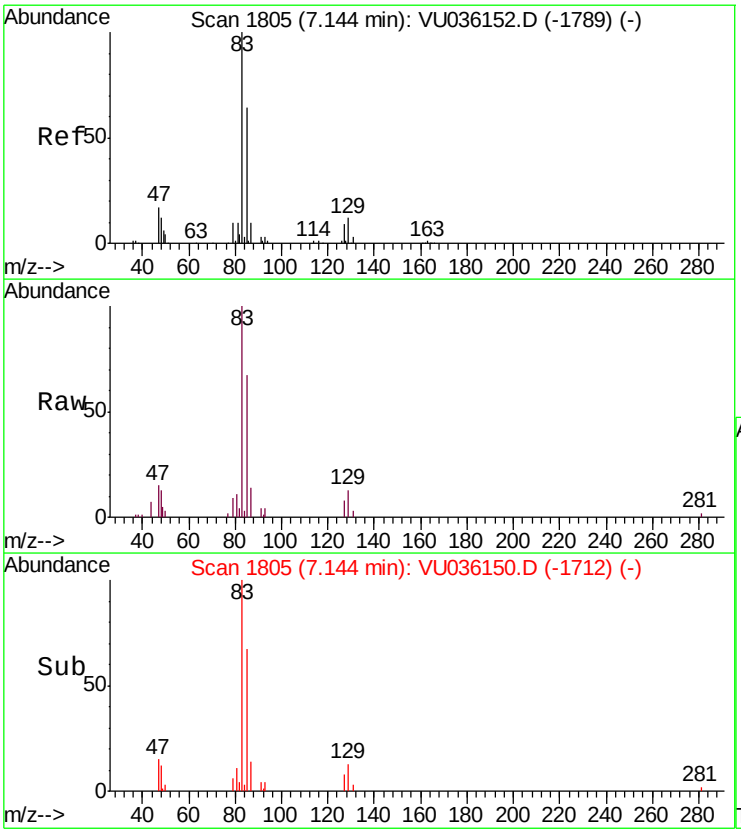
#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.84 min Scan# 1709
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion: 63 Resp: 12621

Ion	Ratio	Lower	Upper
63	100		
112	2.7	3.6	5.4#

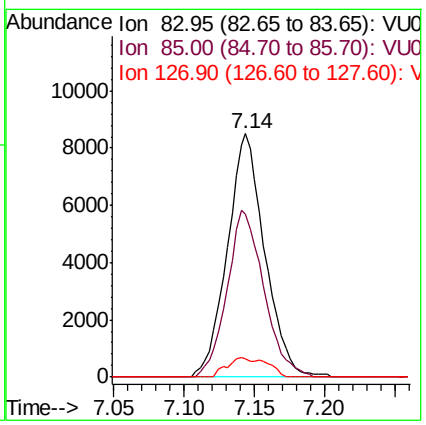


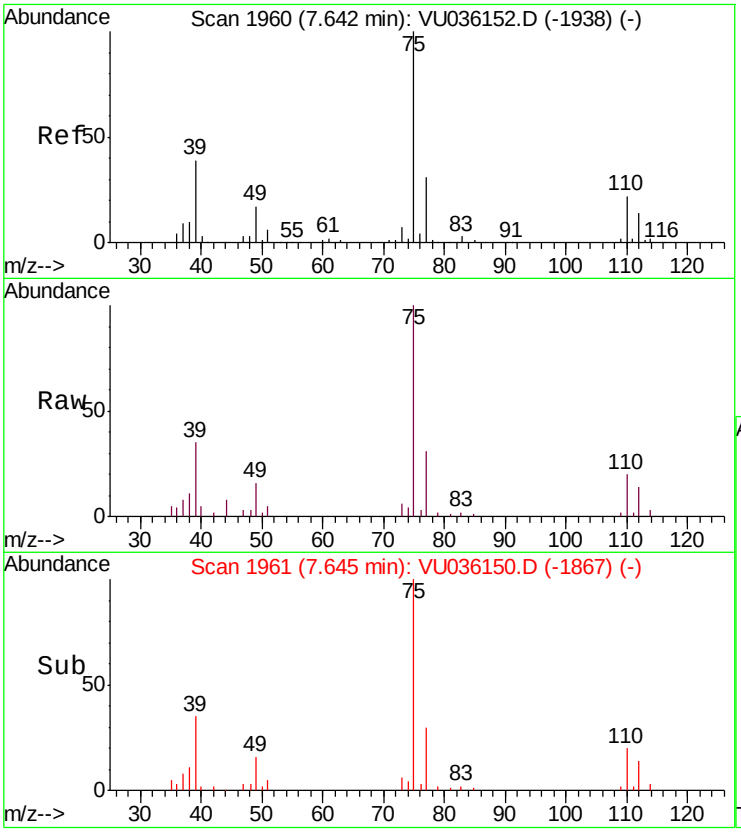


#38
Bromodichloromethane
Concen: 0.555 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 83 Resp: 15759

Ion	Ratio	Lower	Upper
83	100		
85	67.0	44.7	83.1
127	7.8	7.4	11.0



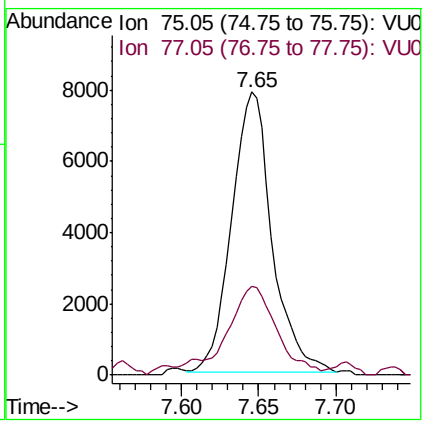


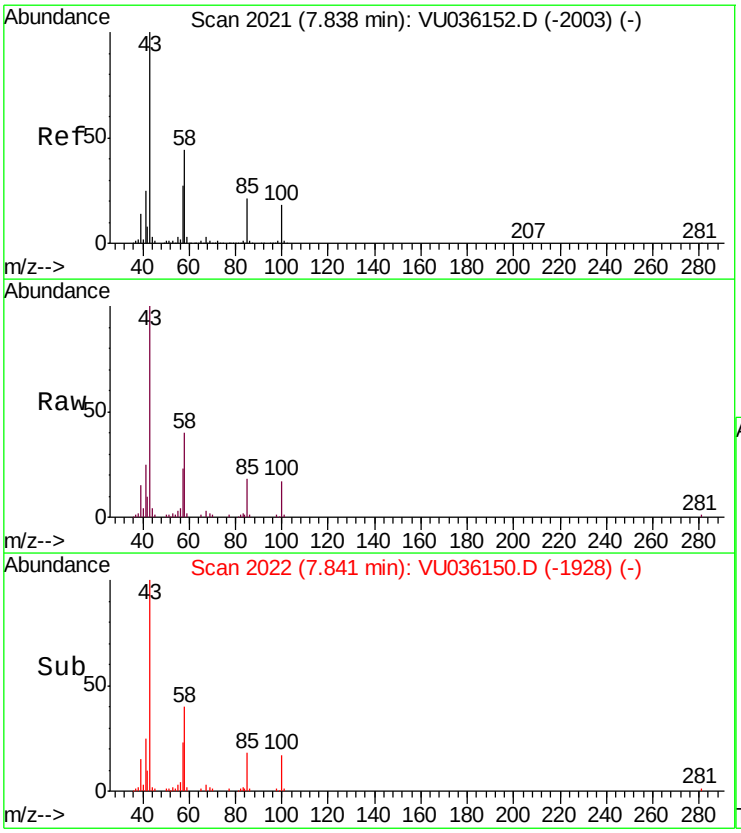
#39
cis-1,3-Dichloropropene
Concen: 0.492 ug/L
RT: 7.65 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion: 75 Resp: 14198

Ion	Ratio	Lower	Upper
75	100		
77	31.4	22.3	41.5

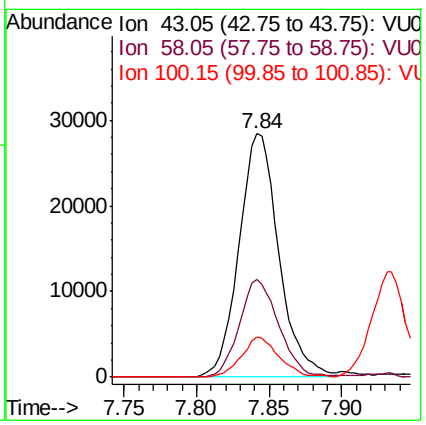


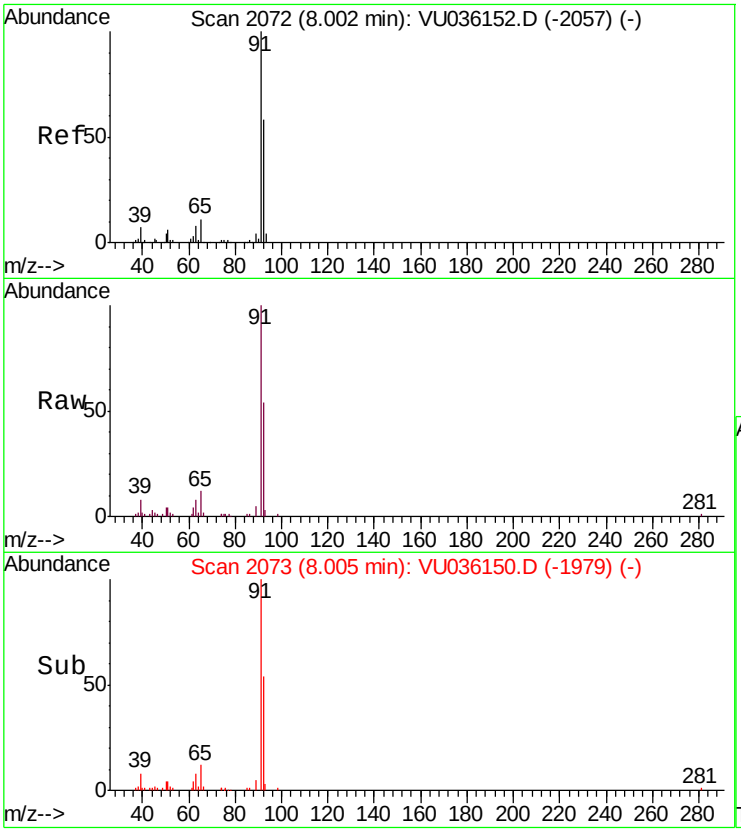


#40
4-Methyl-2-pentanone
Concen: 4.881 ug/L
RT: 7.84 min Scan# 2022
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 43 Resp: 54429

Ion	Ratio	Lower	Upper
43	100		
58	39.7	34.4	51.6
100	15.7	13.4	20.2



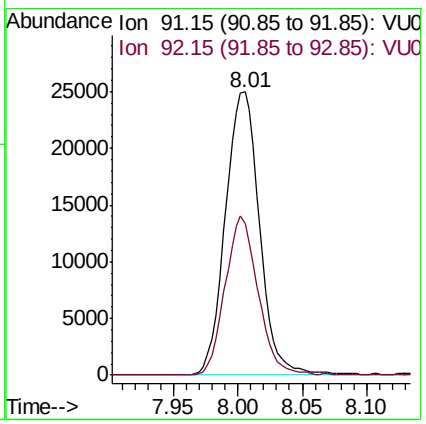


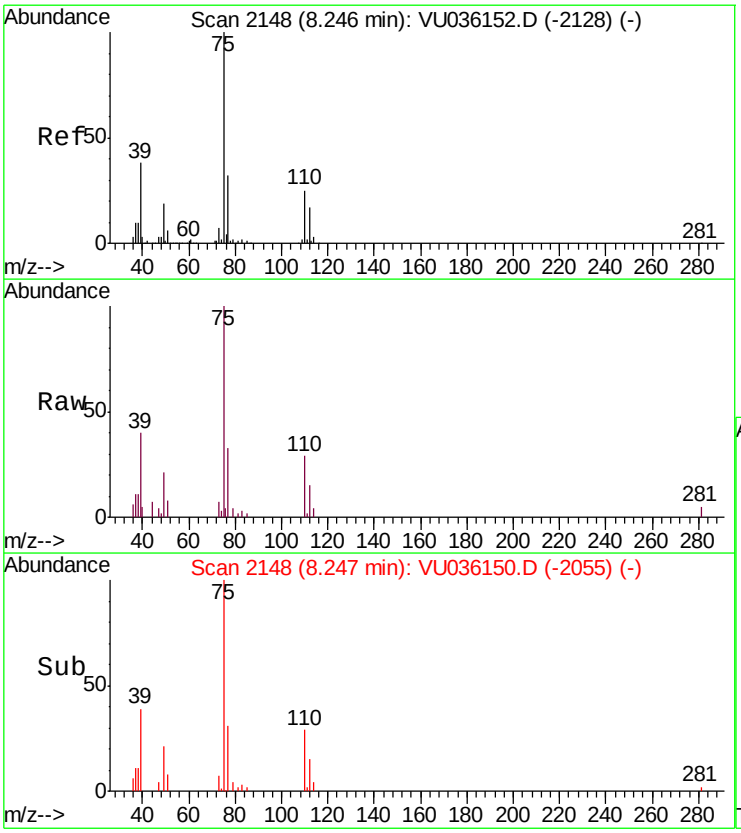
#42
Toluene
Concen: 0.506 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion: 91 Resp: 45846

Ion	Ratio	Lower	Upper
91	100		
92	53.6	40.7	75.7

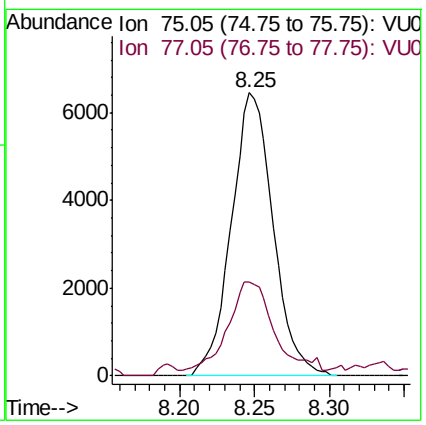


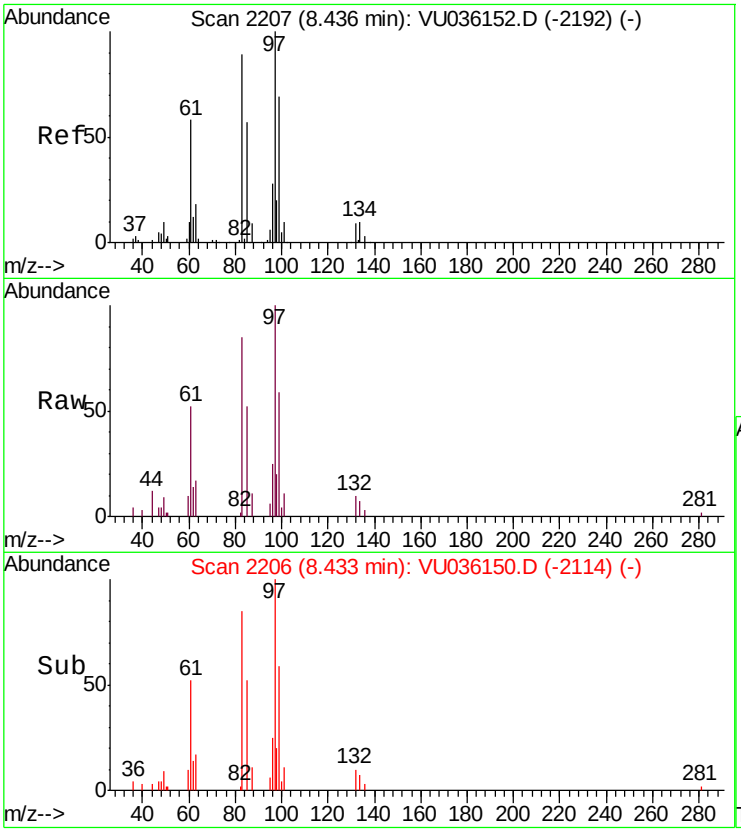


#44
trans-1,3-Dichloropropene
Concen: 0.503 ug/L
RT: 8.25 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 75 Resp: 12542

Ion	Ratio	Lower	Upper
75	100		
77	33.0	22.6	42.0



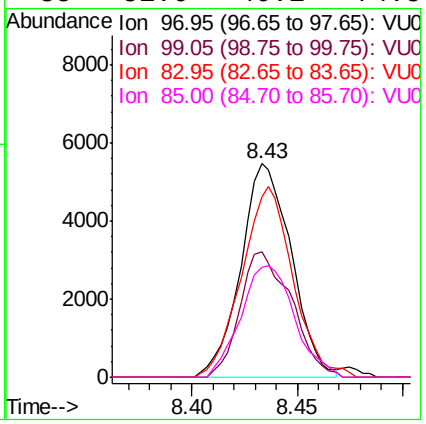


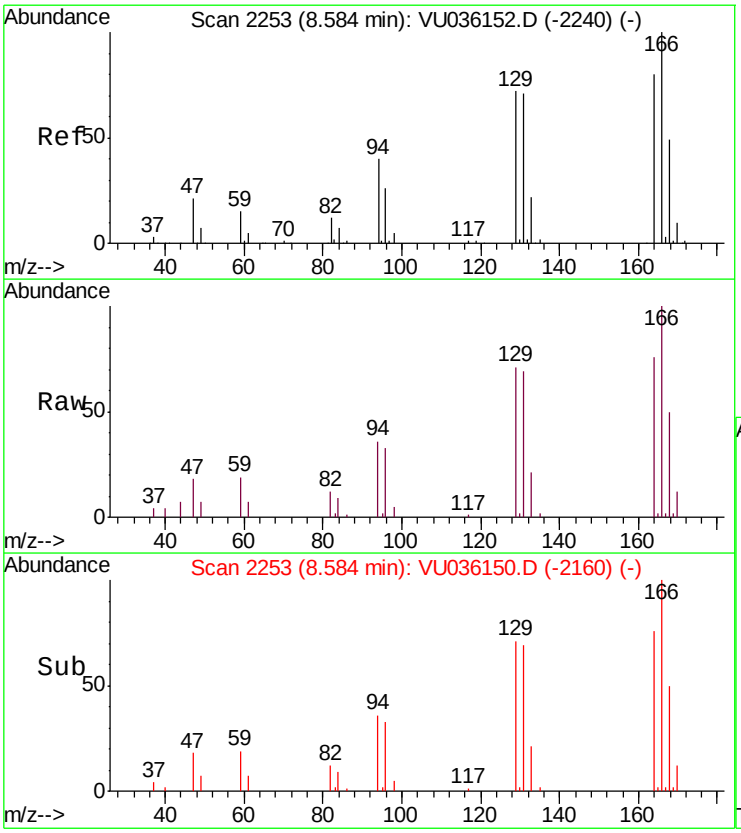
#45
1,1,2-Trichloroethane
Concen: 0.548 ug/L
RT: 8.43 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion: 97 Resp: 9105

Ion	Ratio	Lower	Upper
97	100		
99	58.6	48.4	90.0
83	84.6	62.2	115.4
85	51.6	40.1	74.5

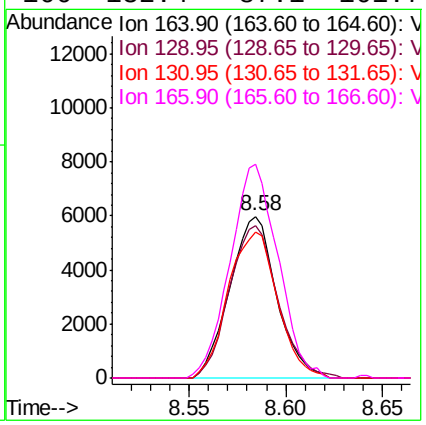


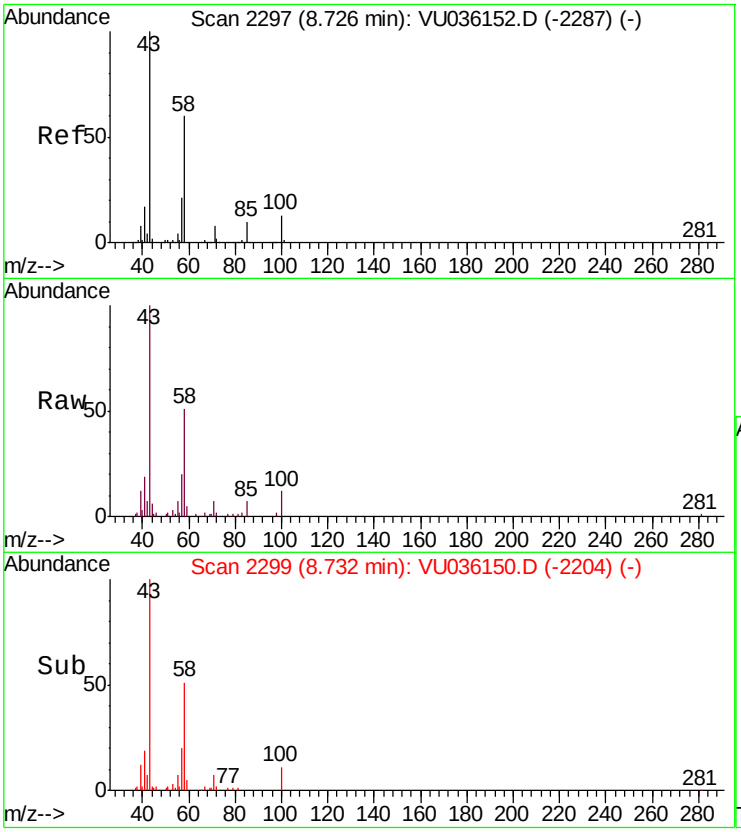


#47
Tetrachloroethene
Concen: 0.481 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:164 Resp: 10066

Ion	Ratio	Lower	Upper
164	100		
129	94.3	63.1	117.3
131	90.9	61.4	114.0
166	132.4	87.1	161.7



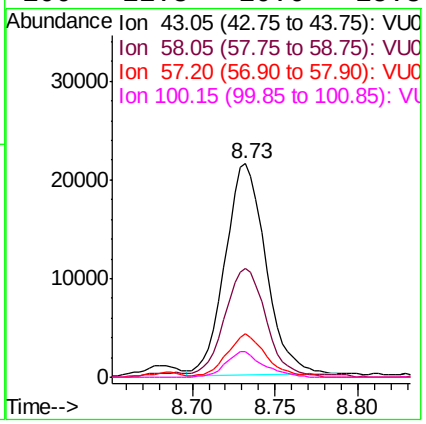


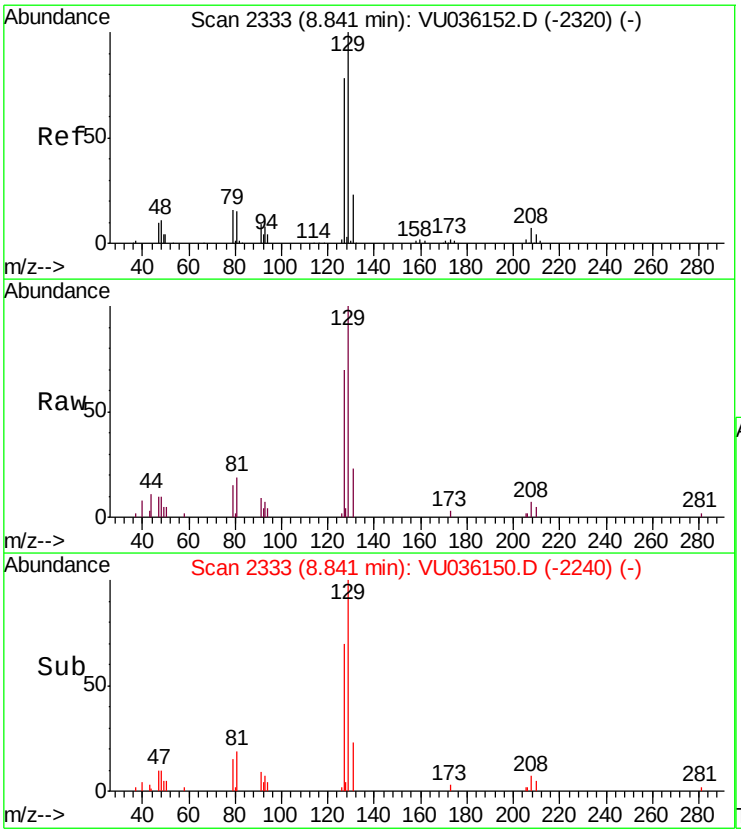
#48
2-Hexanone
Concen: 4.694 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion: 43 Resp: 36576

Ion	Ratio	Lower	Upper
43	100		
58	50.1	48.6	72.8
57	19.6	16.7	25.1
100	11.3	10.6	15.8

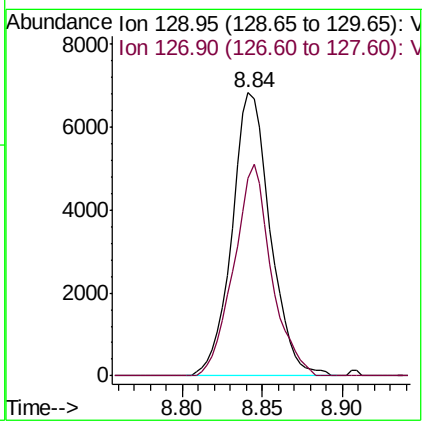


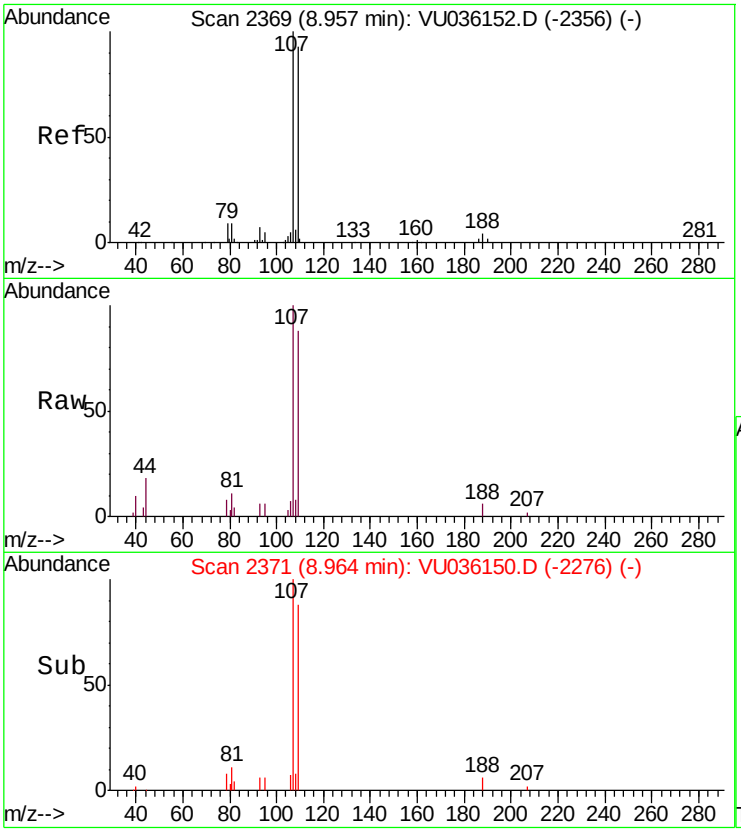


#49
Dibromochloromethane
Concen: 0.523 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:129 Resp: 11113

Ion	Ratio	Lower	Upper
129	100		
127	70.0	54.7	101.5



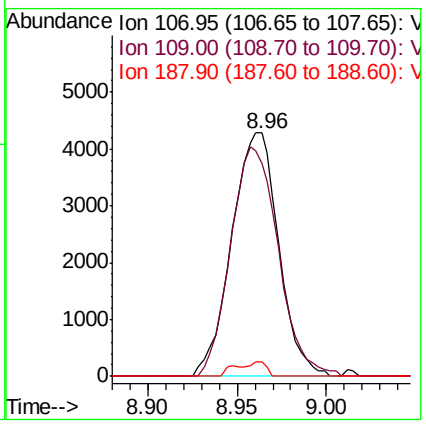


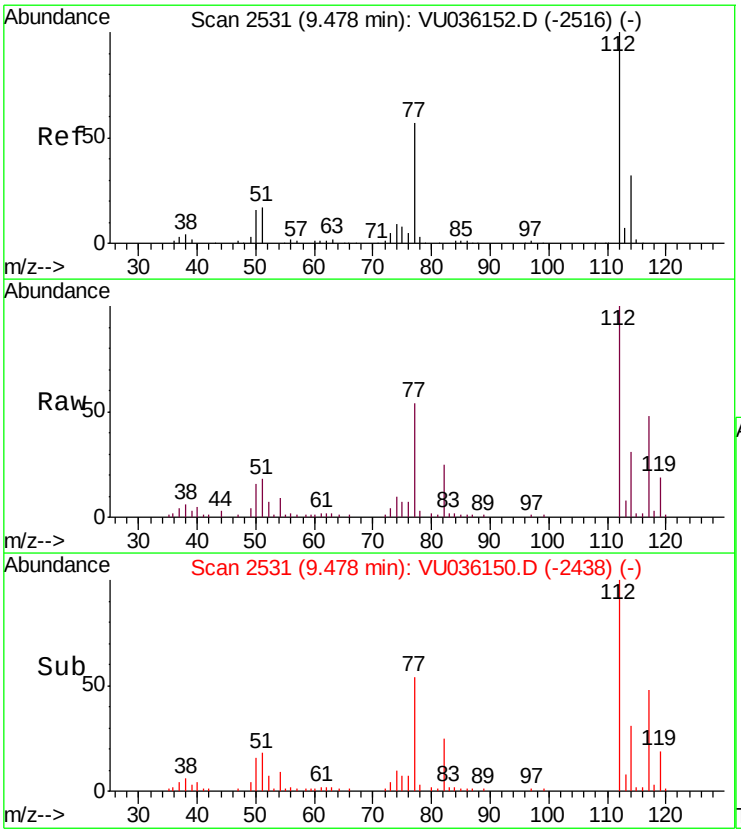
#50
1,2-Dibromoethane
Concen: 0.501 ug/L
RT: 8.96 min Scan# 2371
Delta R.T. 0.01 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion:107 Resp: 7878

Ion	Ratio	Lower	Upper
107	100		
109	87.7	65.4	121.4
188	6.1	3.4	5.2#

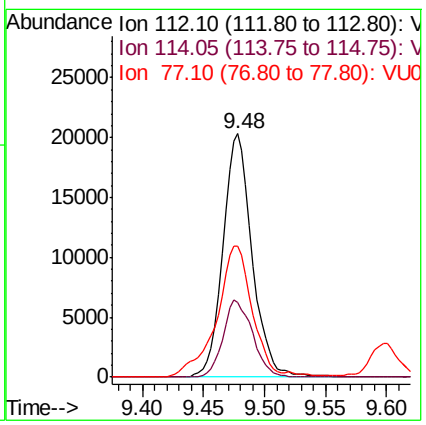


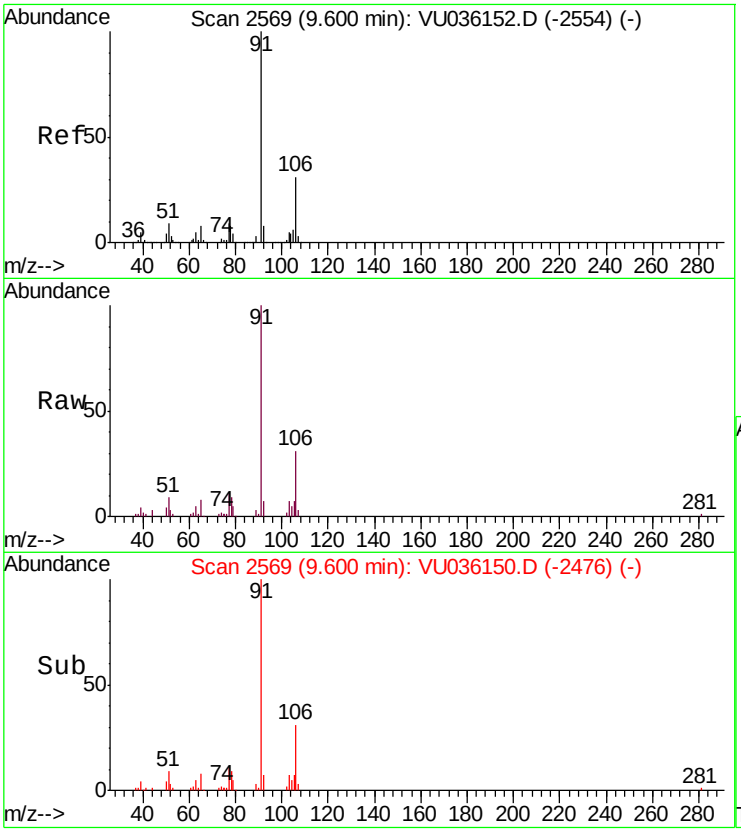


#51
Chlorobenzene
Concen: 0.554 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:112 Resp: 34001

Ion	Ratio	Lower	Upper
112	100		
114	30.6	22.2	41.2
77	53.8	45.7	68.5



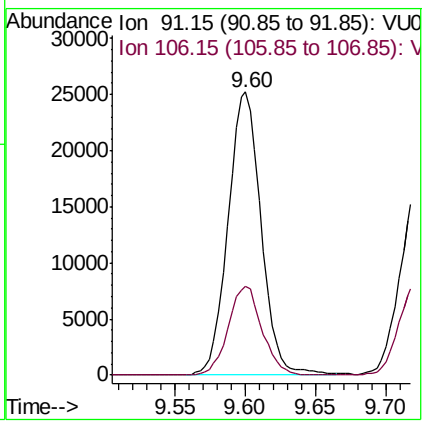


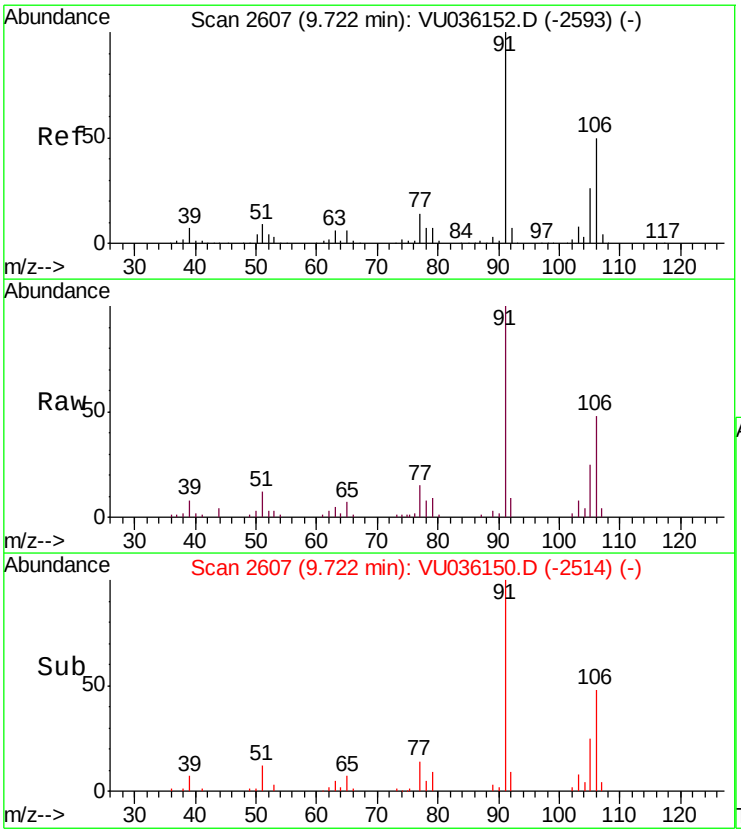
#52
Ethylbenzene
Concen: 0.451 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion: 91 Resp: 41382

Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.6	40.2

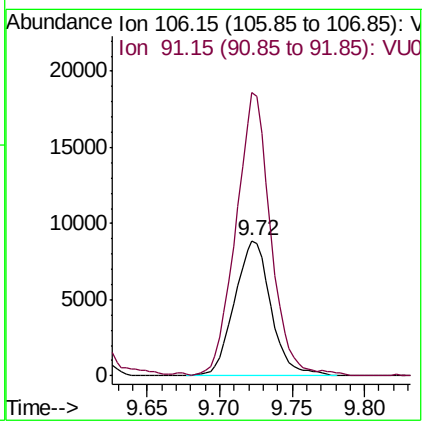


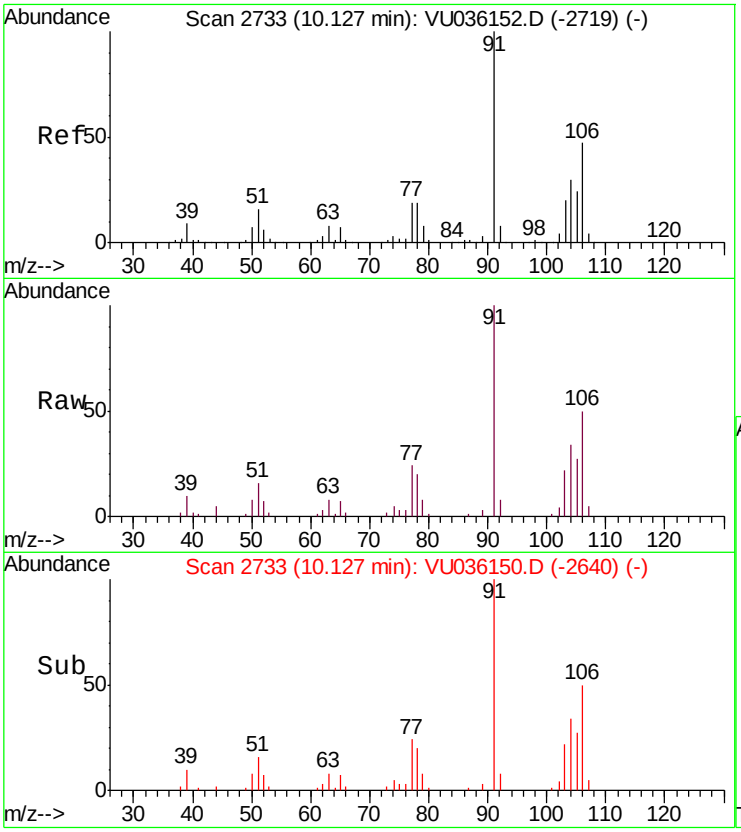


#53
m,p-Xylene
Concen: 0.423 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:106 Resp: 15533

Ion	Ratio	Lower	Upper
106	100		
91	209.5	140.4	260.8



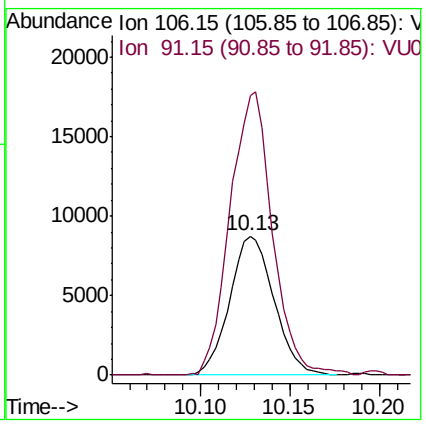


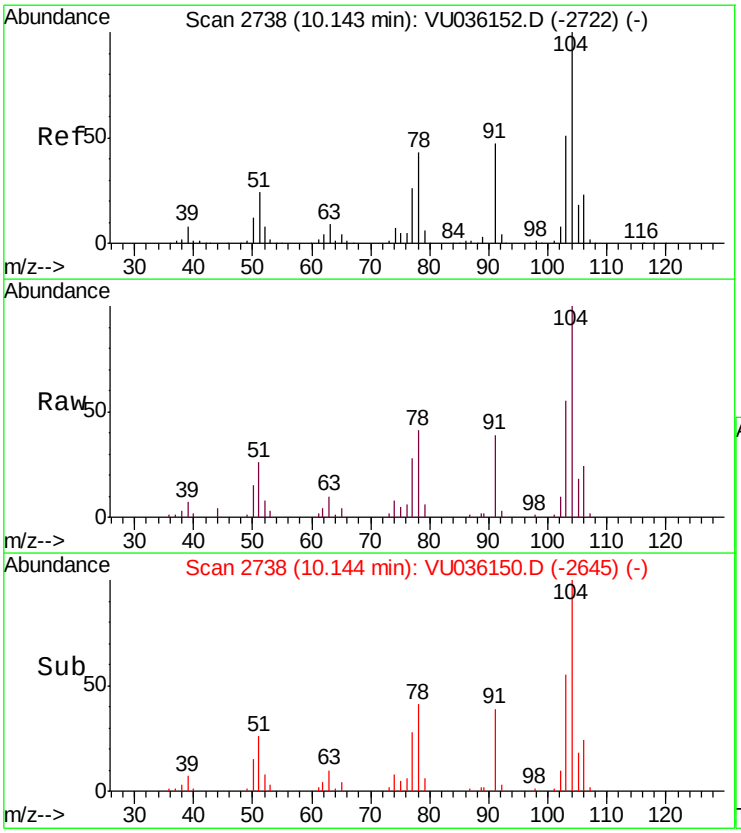
#54
o-Xylene
Concen: 0.432 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion:106 Resp: 15166

Ion	Ratio	Lower	Upper
106	100		
91	201.0	148.5	275.7

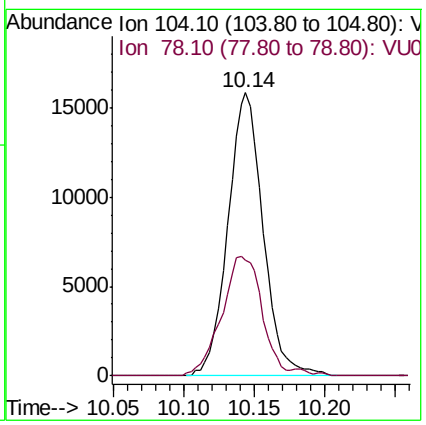


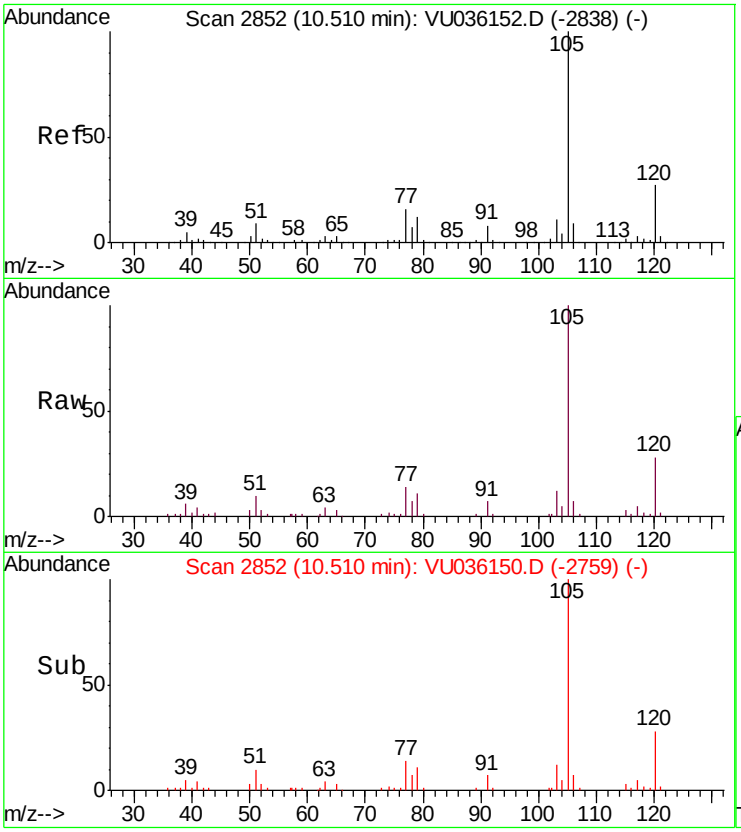


#55
Styrene
Concen: 0.455 ug/L
RT: 10.14 min Scan# 2738
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:104 Resp: 27553

Ion	Ratio	Lower	Upper
104	100		
78	40.7	30.0	55.8



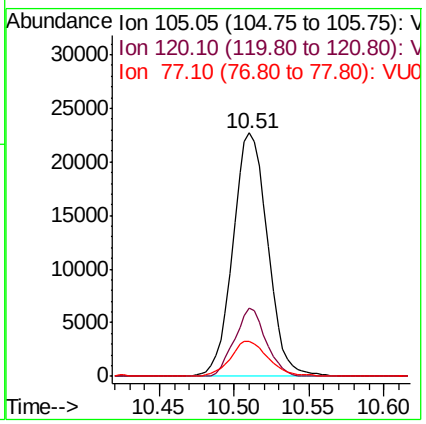


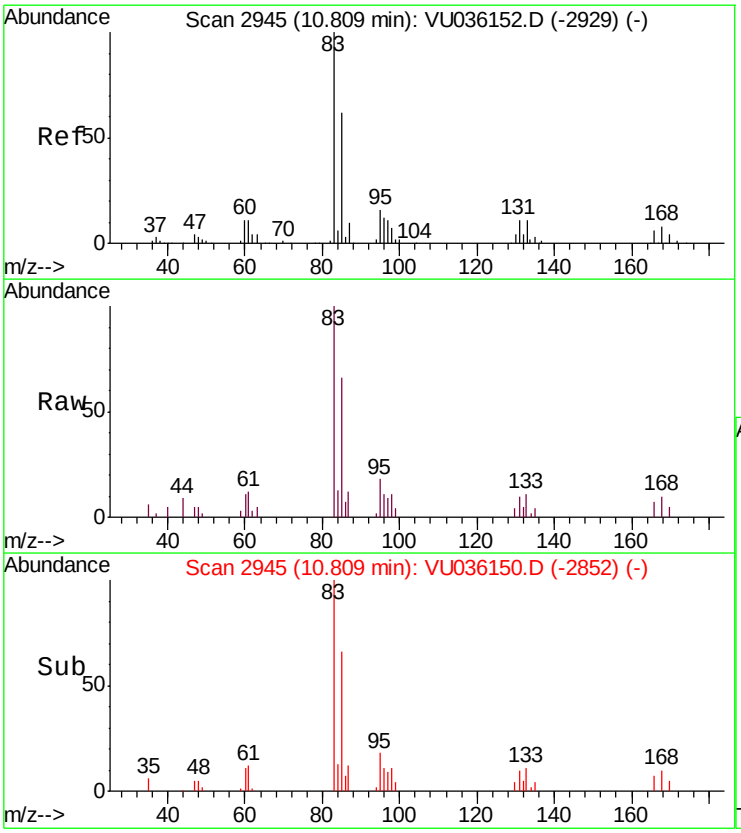
#56
Isopropylbenzene
Concen: 0.396 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion:105 Resp: 36714

Ion	Ratio	Lower	Upper
105	100		
120	25.1	21.2	31.8
77	15.6	12.6	18.8

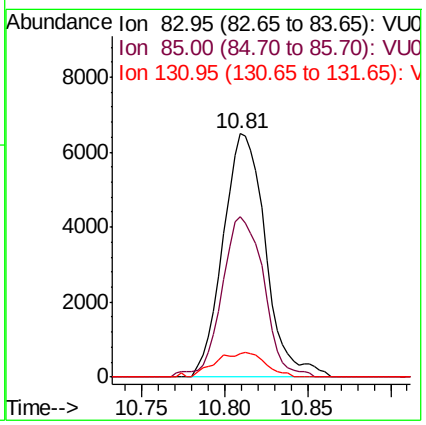


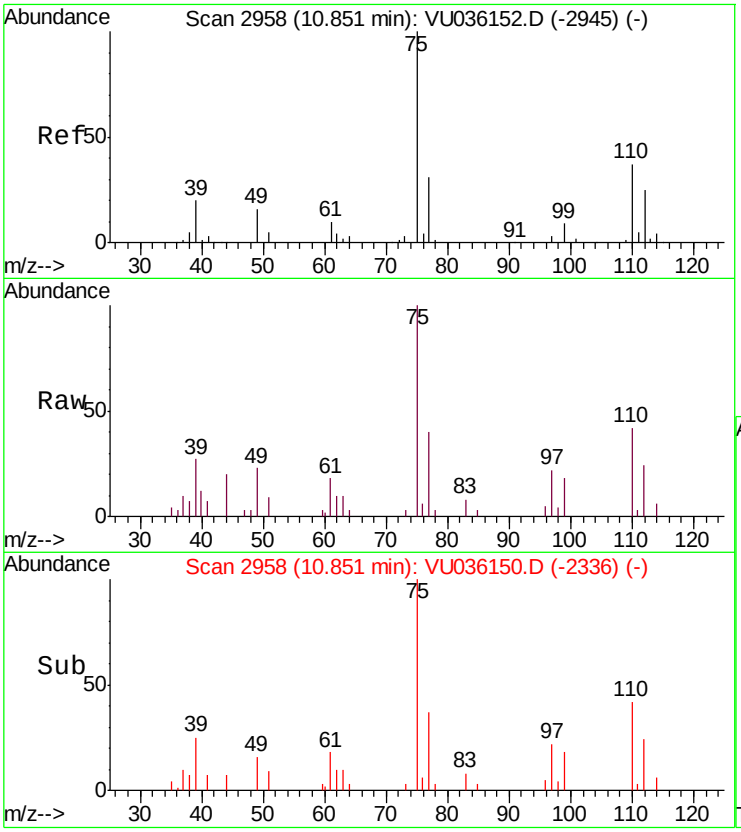


#58
1,1,2,2-Tetrachloroethane
Concen: 0.525 ug/L
RT: 10.81 min Scan# 2945
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 83 Resp: 11562

Ion	Ratio	Lower	Upper
83	100		
85	65.8	43.2	80.2
131	9.7	8.6	12.8



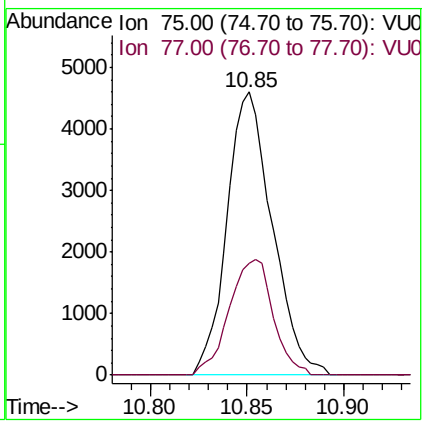


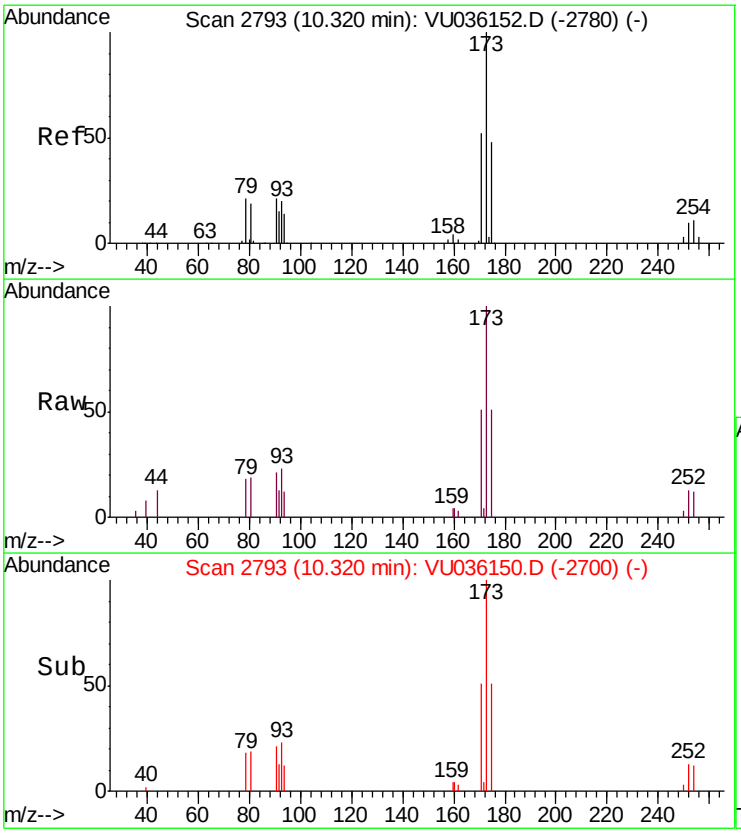
#59
1,2,3-Trichloropropane
Concen: 0.492 ug/L
RT: 10.85 min Scan# 2958
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion: 75 Resp: 7470

Ion	Ratio	Lower	Upper
75	100		
77	39.9	26.6	39.8#

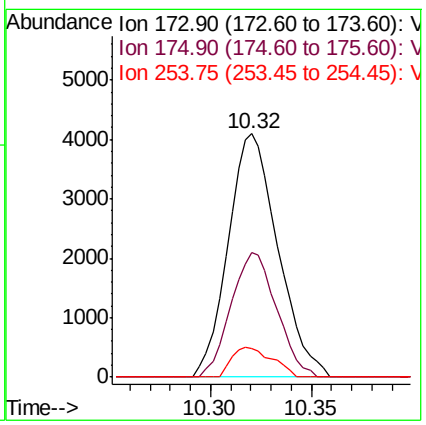


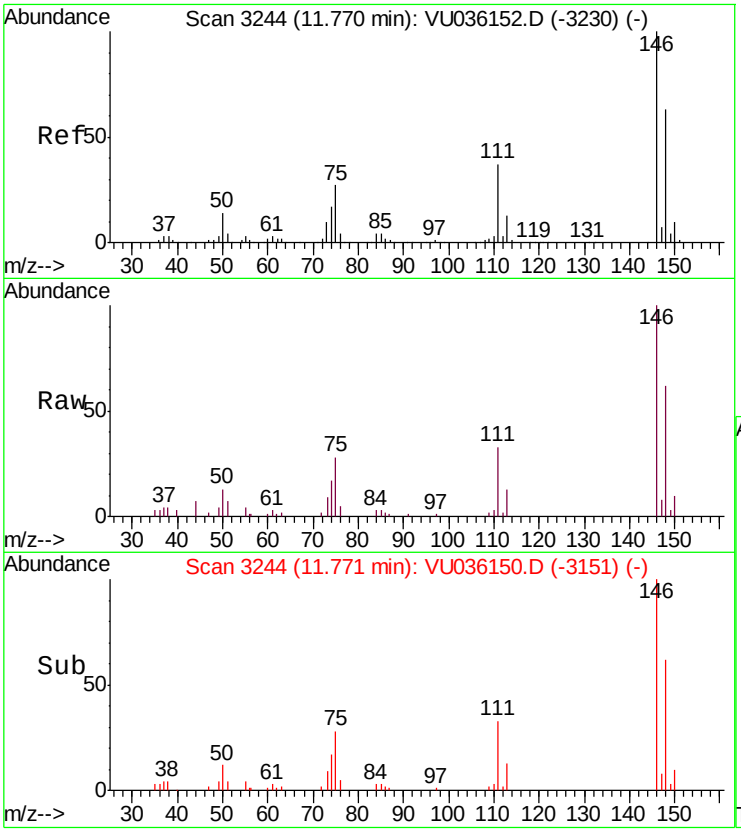


#61
Bromoform
Concen: 0.640 ug/L
RT: 10.32 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:173 Resp: 7037

Ion	Ratio	Lower	Upper
173	100		
175	47.0	39.1	58.7
254	10.0	8.0	12.0



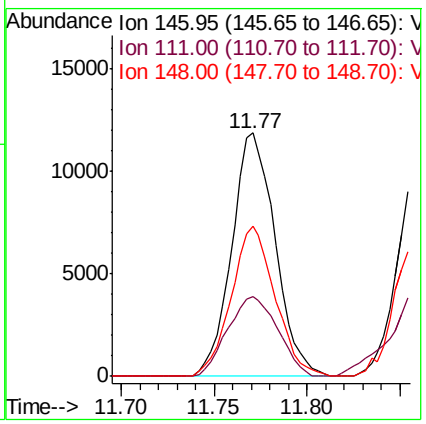


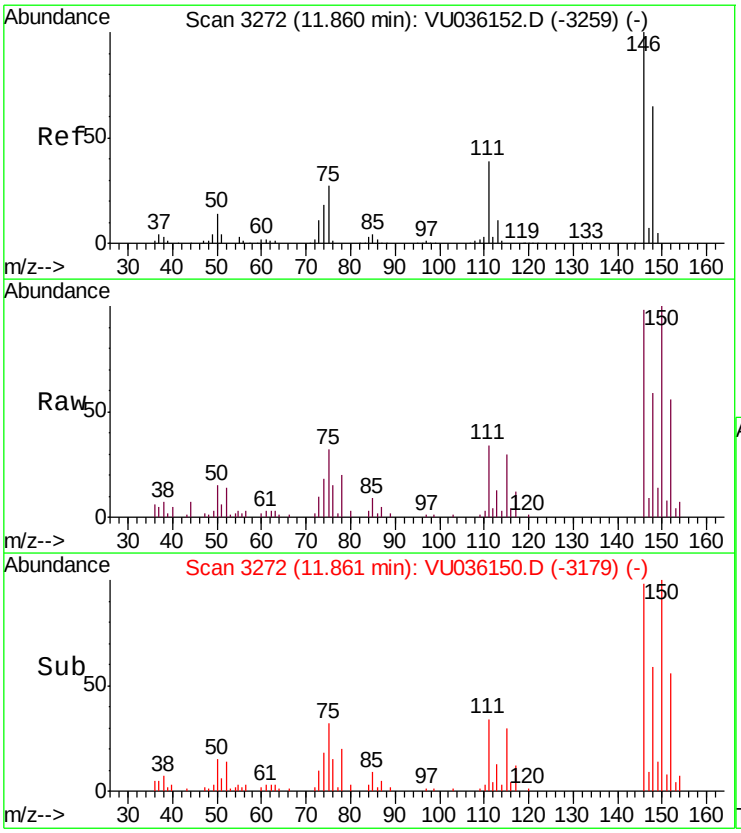
#62
1,3-Dichlorobenzene
Concen: 0.528 ug/L
RT: 11.77 min Scan# 3244
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion:146 Resp: 19276

Ion	Ratio	Lower	Upper
146	100		
111	32.6	26.2	48.6
148	61.9	44.2	82.0

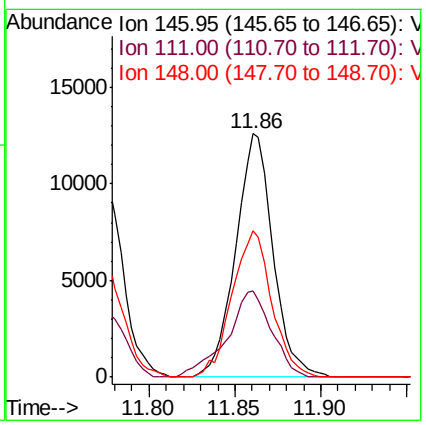


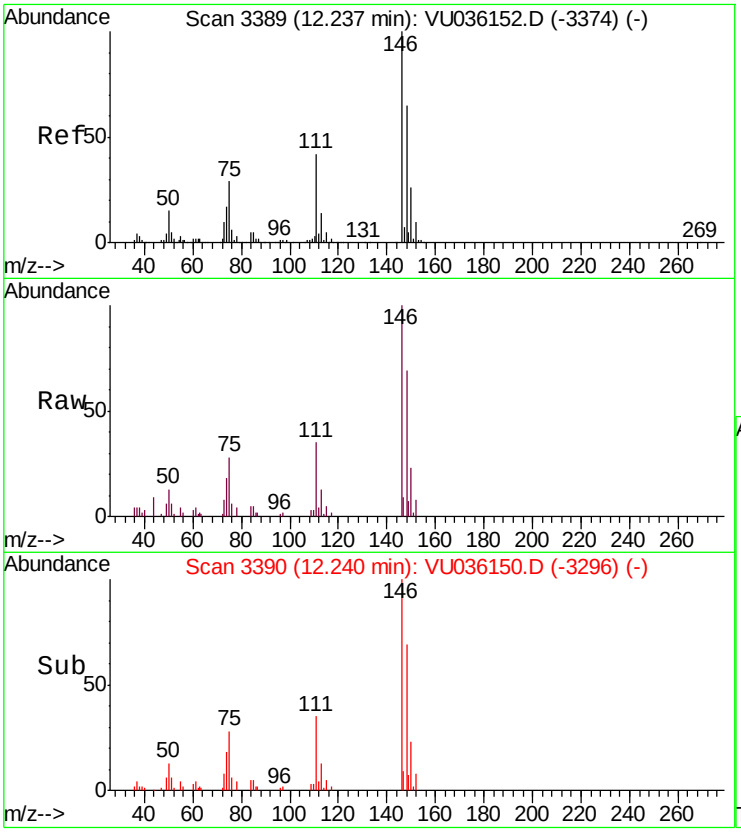


#63
1,4-Dichlorobenzene
Concen: 0.531 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:146 Resp: 18960

Ion	Ratio	Lower	Upper
146	100		
111	35.2	27.5	51.1
148	60.1	45.4	84.2



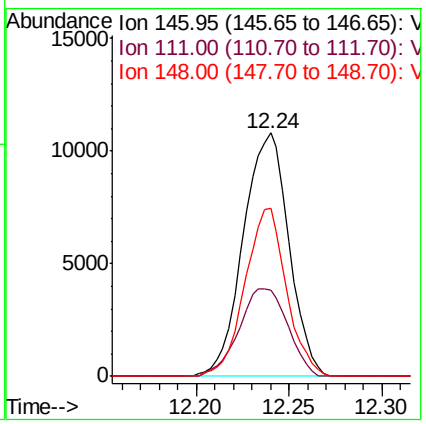


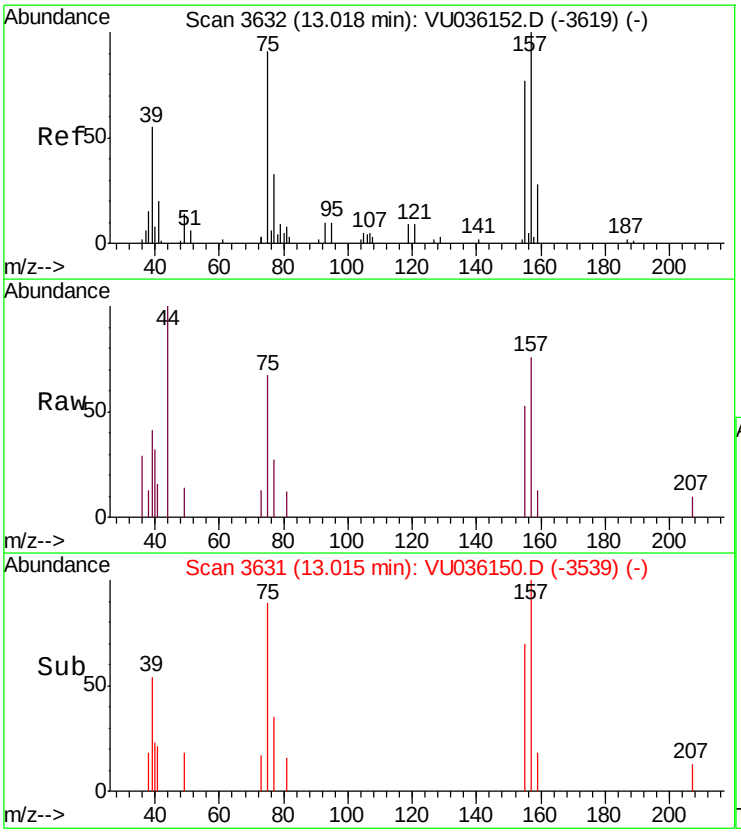
#65
1,2-Dichlorobenzene
Concen: 0.512 ug/L
RT: 12.24 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument : MSVOA_U
ClientSampleId : VSTD0.506

Tgt Ion:146 Resp: 18417

Ion	Ratio	Lower	Upper
146	100		
111	35.3	33.3	49.9
148	68.8	52.2	78.2

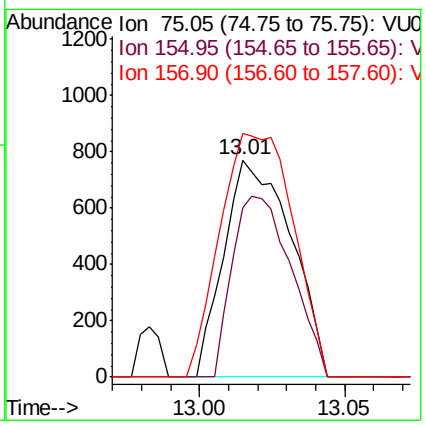


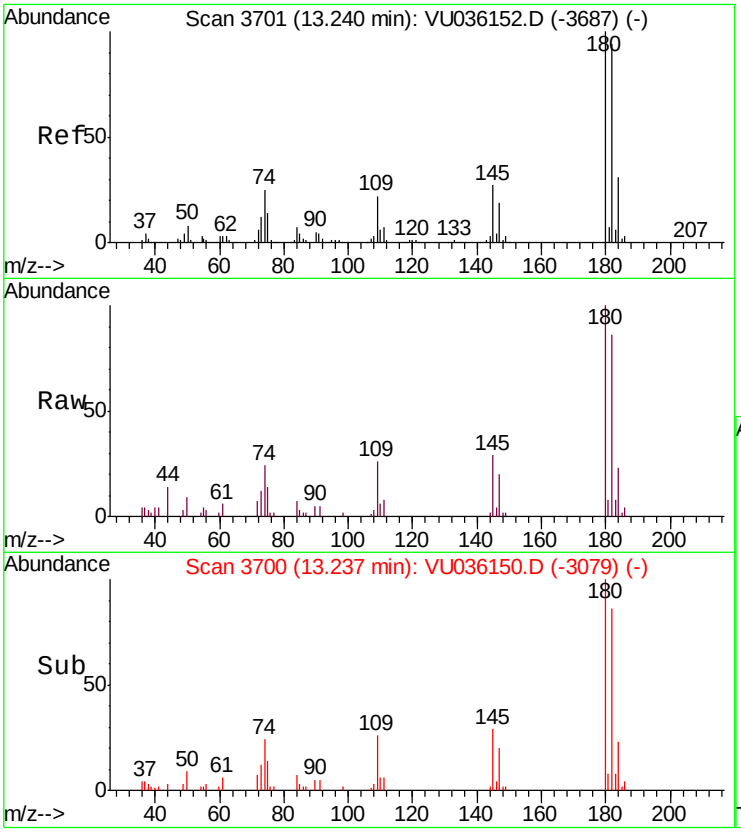


#66
1,2-Dibromo-3-chloropropane
Concen: 0.556 ug/L
RT: 13.01 min Scan# 3631
Delta R.T. -0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion: 75 Resp: 1244

Ion	Ratio	Lower	Upper
75	100		
155	78.2	68.2	102.2
157	112.2	88.2	132.2



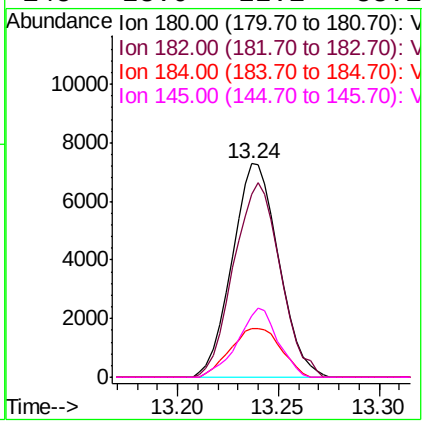


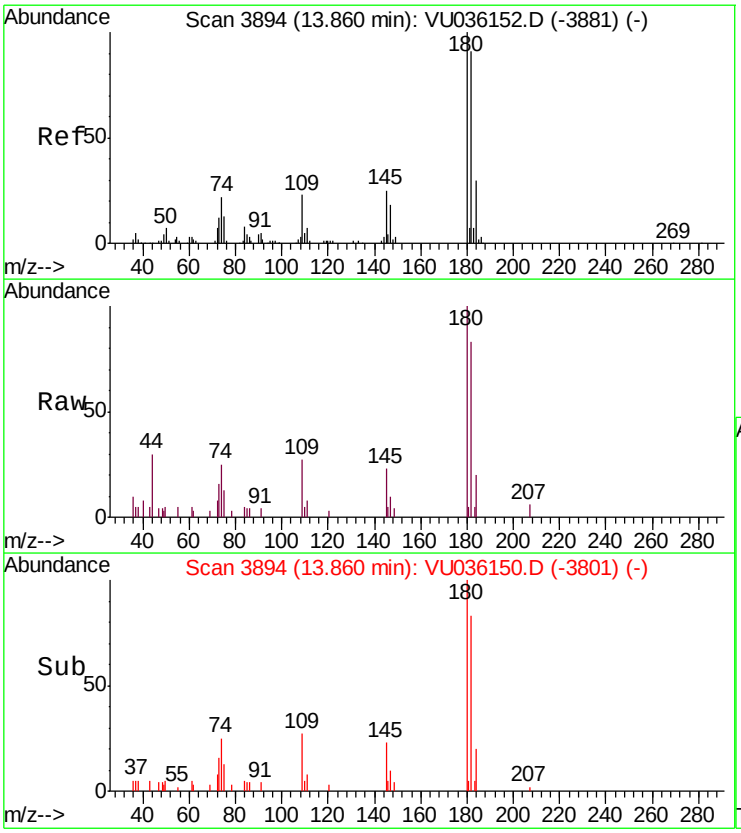
#67
1,3,5-Trichlorobenzene
Concen: 0.493 ug/L
RT: 13.24 min Scan# 3700
Delta R.T. -0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion:180 Resp: 11786

Ion	Ratio	Lower	Upper
180	100		
182	91.0	76.2	114.4
184	24.9	24.1	36.1
145	28.0	22.1	33.1

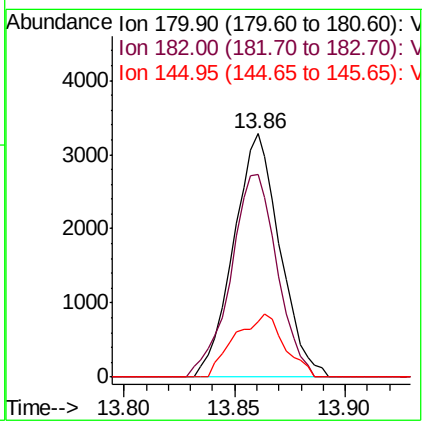


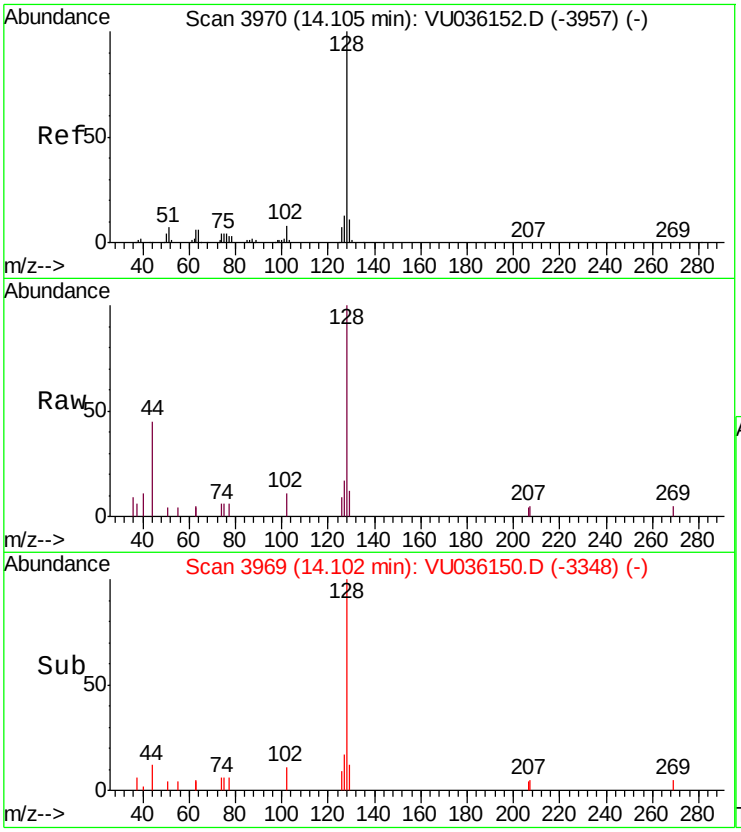


#68
1,2,4-trichlorobenzene
Concen: 0.377 ug/L
RT: 13.86 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:180 Resp: 4766

Ion	Ratio	Lower	Upper
180	100		
182	83.8	75.0	112.6
145	27.5	21.8	32.6



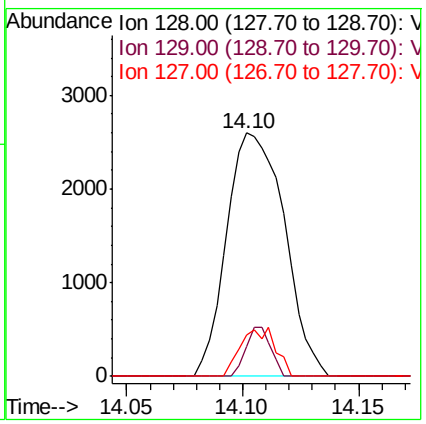


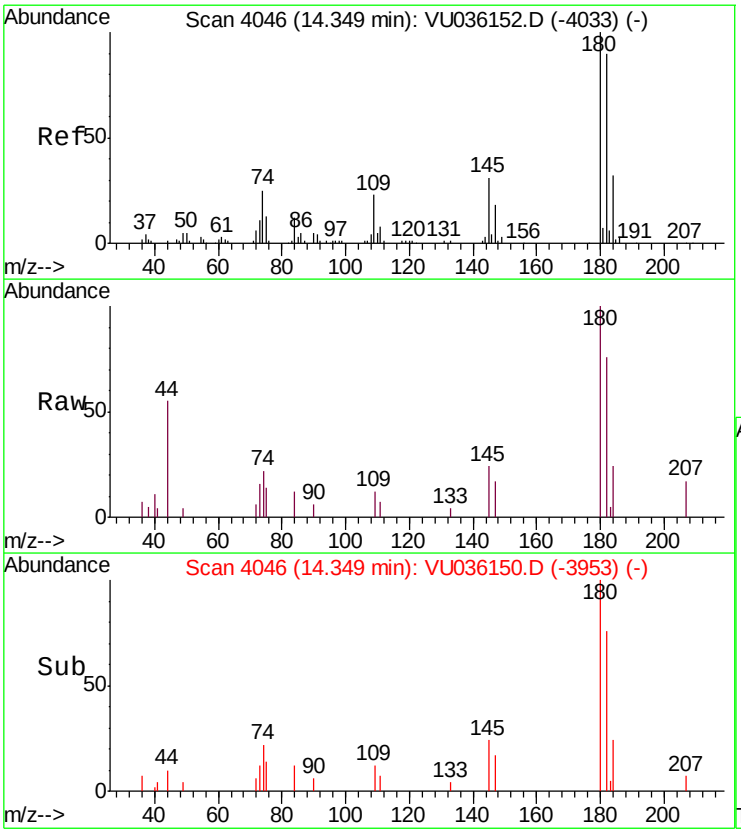
#69
Naphthalene
Concen: 0.361 ug/L
RT: 14.10 min Scan# 3969
Delta R.T. -0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.506

Tgt Ion:128 Resp: 4487

Ion	Ratio	Lower	Upper
128	100		
129	8.7	8.8	13.2#
127	12.0	11.3	16.9





#70
1,2,3-Trichlorobenzene
Concen: 0.329 ug/L
RT: 14.35 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VU036150.D
Acq: 12 Dec 2019 15:01

Tgt Ion:180 Resp: 4071

Ion	Ratio	Lower	Upper
180	100		
182	87.1	74.8	112.2
145	24.5	24.1	36.1