Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070720\

Quantitation Report (Not Reviewed)

Data File : VU039311.D
Acq On : 07 Jul 2020 13:03
Operator : SY/MD
Sample : VSTD0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Quant Time: Jul 07 14:12:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 14:10:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	144233	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	133264	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66141	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	3697	0.33	ug/L		0.00
7) Chloroethane-d5	1.93	69	3929	0.37	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.58	63	7678	0.37	ug/L		0.00
20) 2-Butanone-d5	4.66	46	16294	3.90	ug/L		0.00
24) Chloroform-d	5.08	84	7556	0.36	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.72	65	5216	0.40	ug/L		0.00
32) Benzene-d6	5.75	84	13785	0.34	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.70	67	5103	0.37	ug/L		0.00
41) Toluene-d8	7.91	98	12156	0.32	ug/L		0.00
43) trans-1,3-Dichloropropene-	8.19	79	2200	0.35	ug/L		0.00
46) 2-Hexanone-d5	8.64	63	12507	3.77	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	4923	0.38	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	4912	0.33	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	4189	0.511	ug/L		99
3) Chloromethane	1.53	50	5650	0.541	ug/L		99
5) Vinyl chloride	1.61	62	6181	0.575	ug/L		97
6) Bromomethane	1.87	94	2386	0.362	ug/L		81
8) Chloroethane	1.94	64	8416	1.144	ug/L	#	81
9) Trichlorofluoromethane	2.15	101	8690	0.462	ug/L		86
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4205	0.513	ug/L		93
12) 1,1-Dichloroethene	2.59	96	4368	0.535	ug/L		87
13) Acetone	2.67	43	10866	5.493	ug/L		92
14) Carbon disulfide	2.81	76	15950	0.612	ug/L		99
15) Methyl Acetate	2.97	43	2842	0.574	ug/L	#	76
16) Methylene chloride	3.06	84	6249	0.601	ug/L		89
17) Methyl tert-butyl Ether	3.39	73	13677	0.509	ug/L		98
18) trans-1,2-Dichloroethene	3.37	96	4927	0.555	ug/L		87
19) 1,1-Dichloroethane	3.90	63	9532	0.536	ug/L		97
21) 2-Butanone	4.74	43	18583	5.161	ug/L	#	65
22) cis-1,2-Dichloroethene	4.69	96	5548	0.548	ug/L		92
23) Bromochloromethane	5.00	128	2359	0.517	ug/L		95
25) Chloroform	5.11	83	9164	0.494	ug/L		81
27) 1,2-Dichloroethane	5.81	62	6472	0.485	ug/L	#	93
29) 1,1,1-Trichloroethane	5.34	97	7927	0.518	ug/L		96
30) Cyclohexane	5.41	56	8715	0.568	ug/L		93
31) Carbon tetrachloride	5.54	117	6906	0.537	ug/L		93
33) Benzene	5.79	78	20720	0.552	ug/L		100
34) Trichloroethene	6.56	95	5367	0.554	ug/L		93
35) Methylcyclohexane	6.78	83	8583	0.554	ug/L		95
37) 1,2-Dichloropropane	6.81	63	5388	0.514	ug/L	#	91
38) Bromodichloromethane	7.12	83	7073	0.518	ug/L	#	96
39) cis-1,3-Dichloropropene	7.62	75	8198	0.503	ug/L		95
40) 4-Methyl-2-pentanone	7.81	43	47447	5.350	ug/L		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070720\

Quantitation Report (Not Reviewed)

Data File : VU039311.D
Acq On : 07 Jul 2020 13:03
Operator : SY/MD
Sample : VSTD0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Quant Time: Jul 07 14:12:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 14:10:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.98	91	21902	0.536	ug/L		96
44) trans-1,3-Dichloropropene	8.22	75	7014	0.478	ug/L		98
45) 1,1,2-Trichloroethane	8.41	97	3954	0.507	ug/L		93
47) Tetrachloroethene	8.56	164	3706	0.545	ug/L		93
48) 2-Hexanone	8.70	43	32711	4.960	ug/L		98
49) Dibromochloromethane	8.82	129	4584	0.468	ug/L		97
50) 1,2-Dibromoethane	8.93	107	3790	0.484	ug/L	#	96
51) Chlorobenzene	9.45	112	13789	0.545	ug/L		99
52) Ethylbenzene	9.57	91	23883	0.525	ug/L		98
53) m,p-Xylene	9.70	106	9006	0.525	ug/L		93
54) o-Xylene	10.10	106	8311	0.488	ug/L		99
55) Styrene	10.11	104	14689	0.494	ug/L		98
56) Isopropylbenzene	10.48	105	23438	0.509	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	5312	0.482	ug/L		92
59) 1,2,3-Trichloropropane	10.83	75	4049	0.514	ug/L		98
61) Bromoform	10.29	173	2510	0.426	ug/L	#	96
62) 1,3-Dichlorobenzene	11.74	146	10550	0.508	ug/L		95
63) 1,4-Dichlorobenzene	11.83	146	10762	0.527	ug/L		93
65) 1,2-Dichlorobenzene	12.21	146	10928	0.537	ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.99	75	787	0.388	ug/L		88
67) 1,3,5-Trichlorobenzene	13.21	180	8240	0.540	ug/L		96
68) 1,2,4-trichlorobenzene	13.83	180	6654	0.504	ug/L		97
69) Naphthalene	14.08	128	13652	0.539	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	6148	0.511	ug/L		95

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

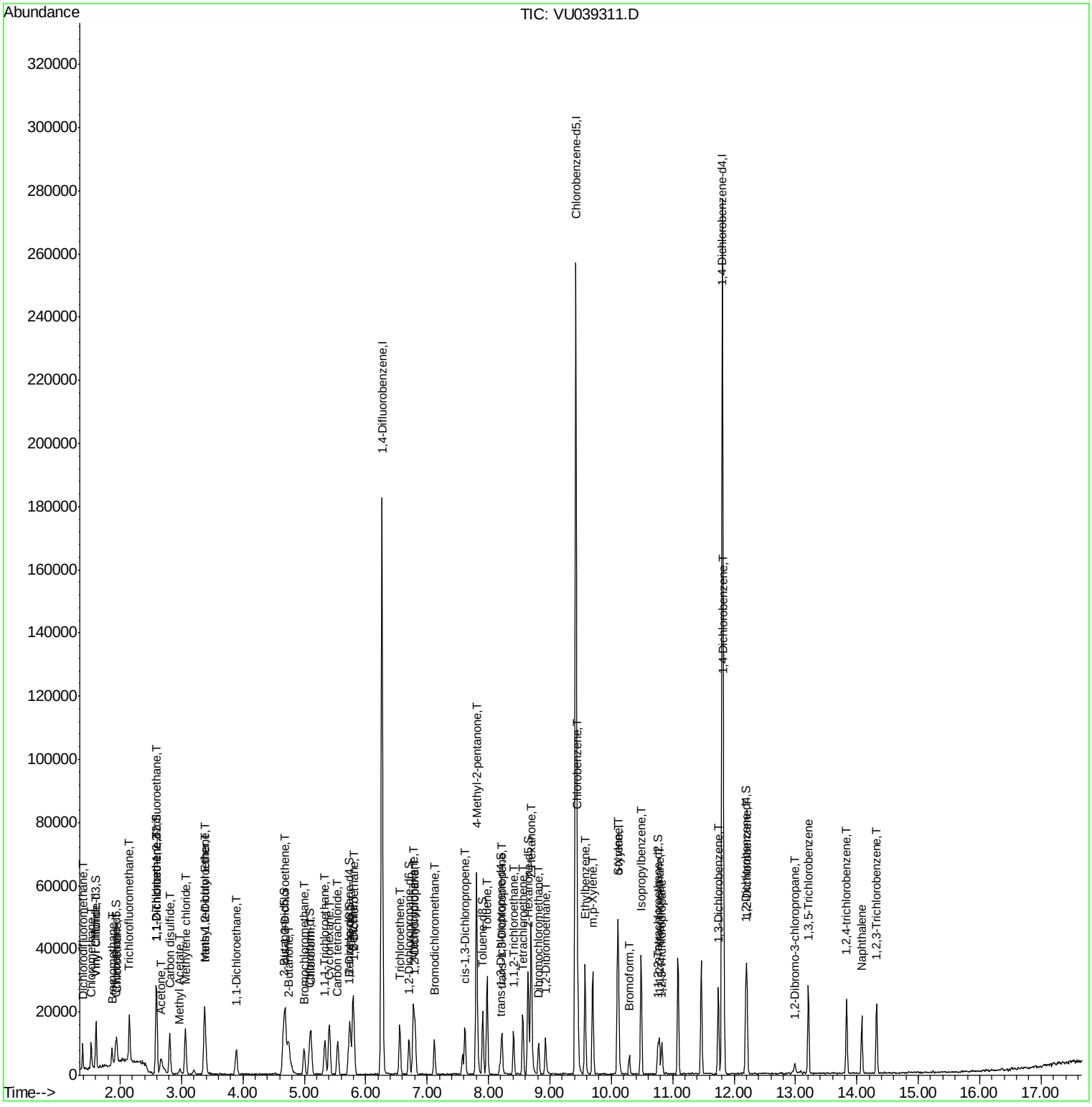
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070720\

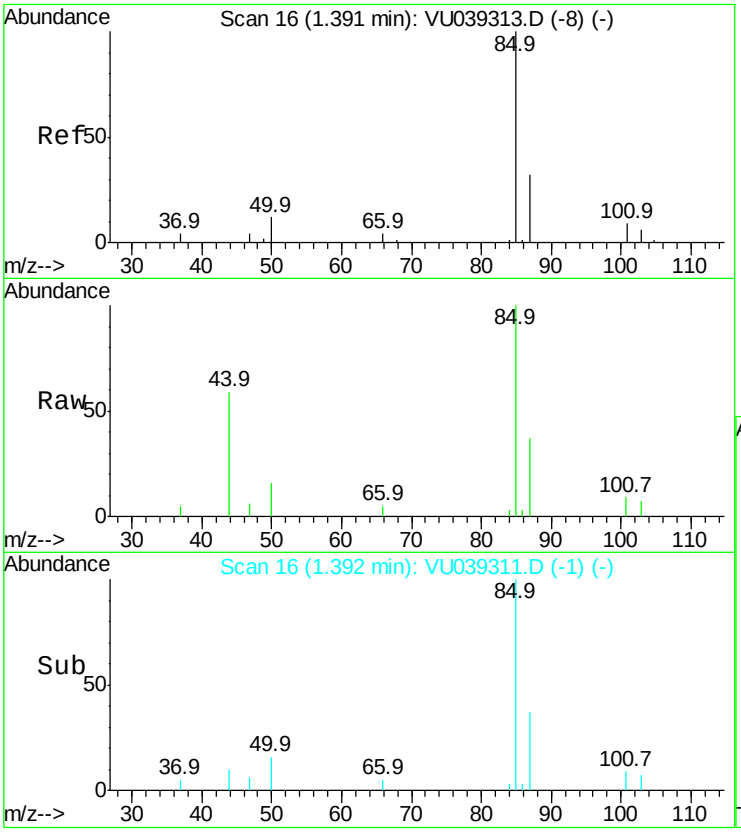
Quantitation Report (Not Reviewed)

Data File : VU039311.D
Acq On : 07 Jul 2020 13:03
Operator : SY/MD
Sample : VSTD0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Quant Time: Jul 07 14:12:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 14:10:43 2020
Response via : Initial Calibration



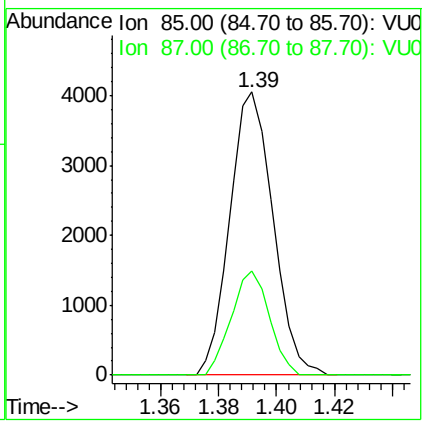


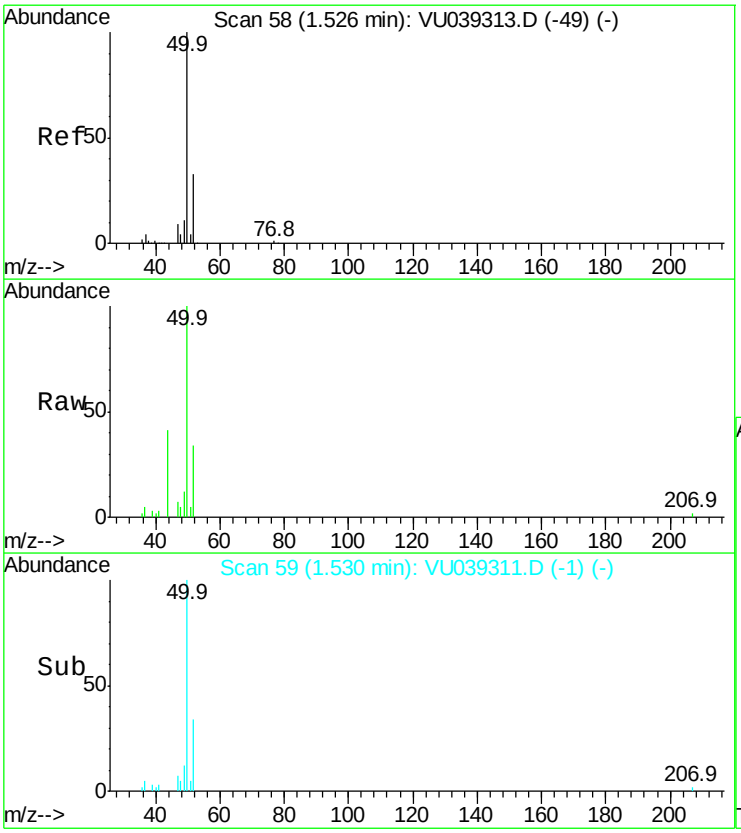
#2
Dichlorodifluoromethane
Concen: 0.511 ug/L
RT: 1.39 min Scan# 16
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 85 Resp: 4189

Ion	Ratio	Lower	Upper
85	100		
87	32.3	25.2	37.8

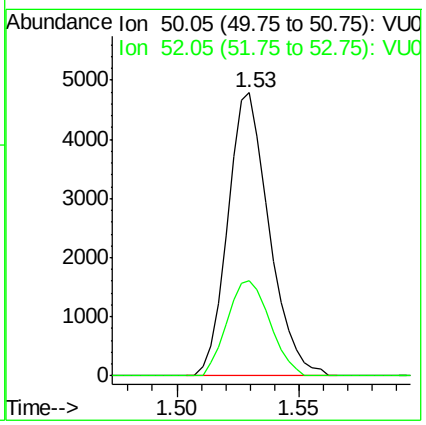


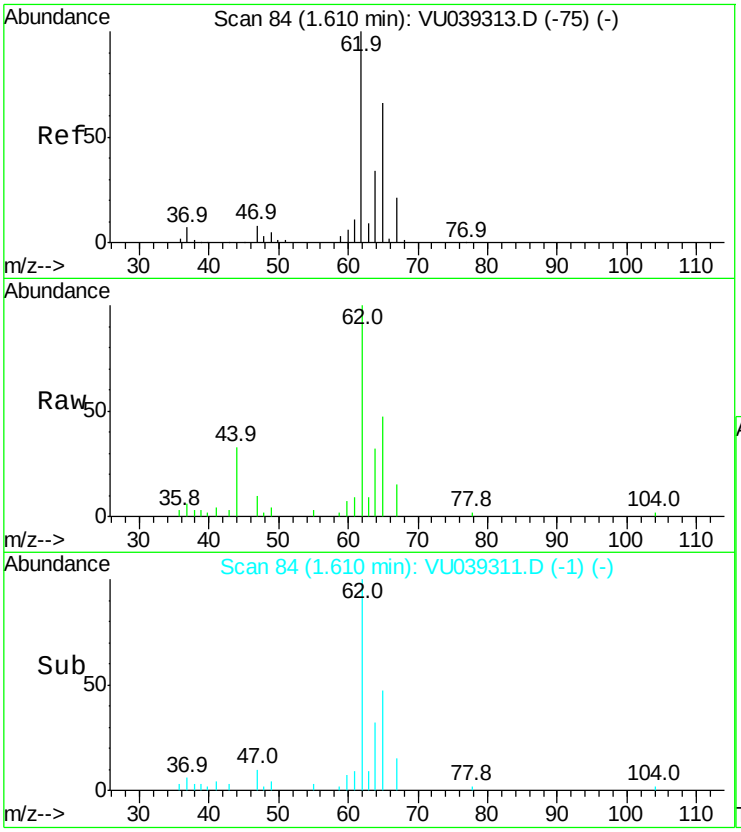


#3
Chloromethane
Concen: 0.541 ug/L
RT: 1.53 min Scan# 59
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 50 Resp: 5650

Ion	Ratio	Lower	Upper
50	100		
52	33.5	23.0	42.8



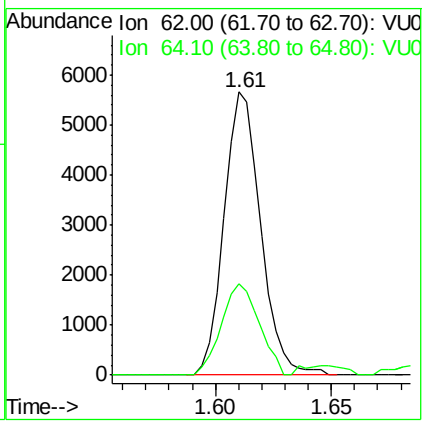


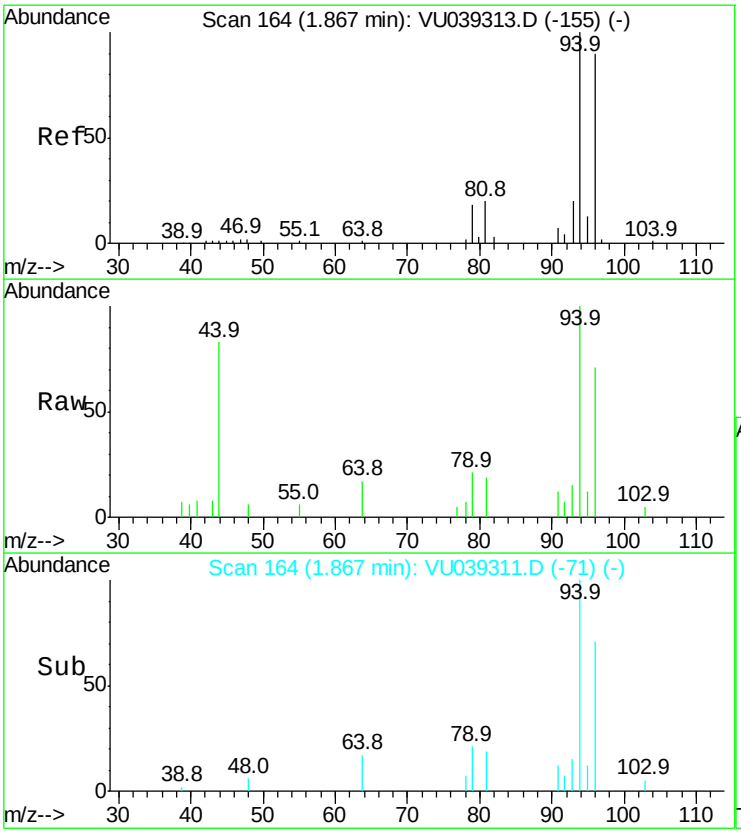
#5
Vinyl chloride
Concen: 0.575 ug/L
RT: 1.61 min Scan# 84
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 62 Resp: 6181

Ion	Ratio	Lower	Upper
62	100		
64	32.2	23.7	44.1

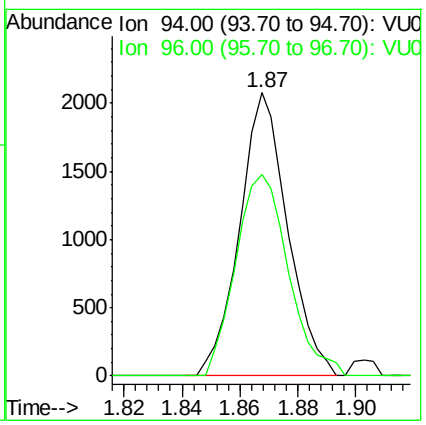


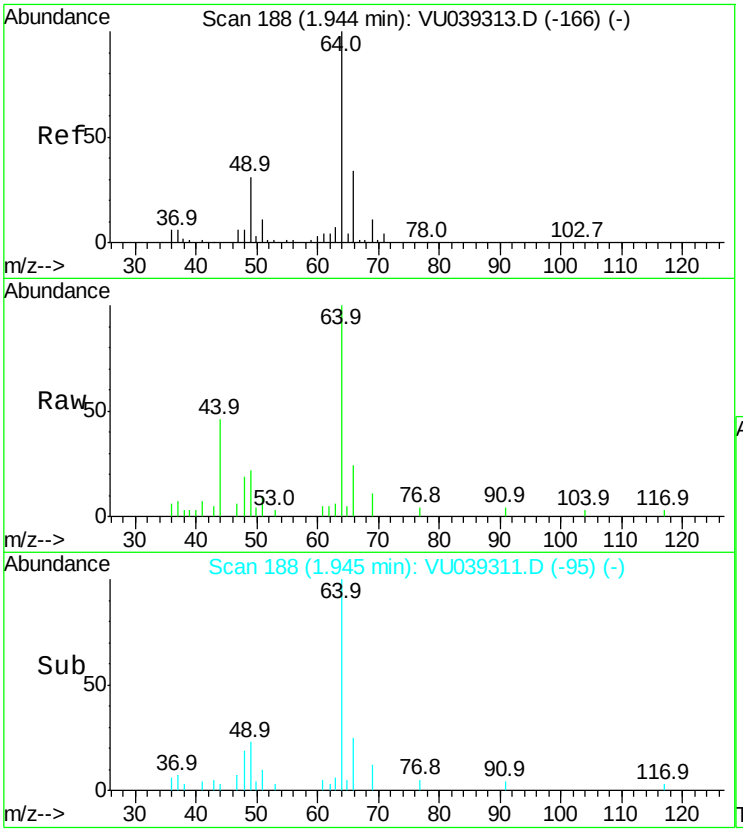


#6
Bromomethane
Concen: 0.362 ug/L
RT: 1.87 min Scan# 164
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 94 Resp: 2386

Ion	Ratio	Lower	Upper
94	100		
96	71.3	62.7	116.5



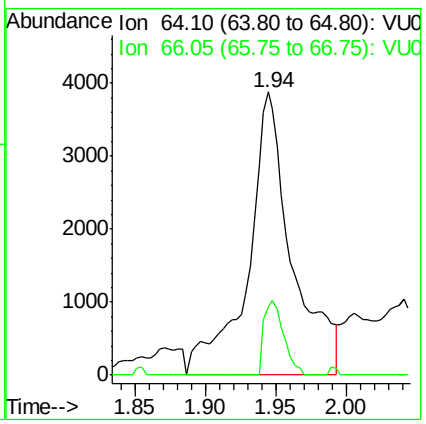


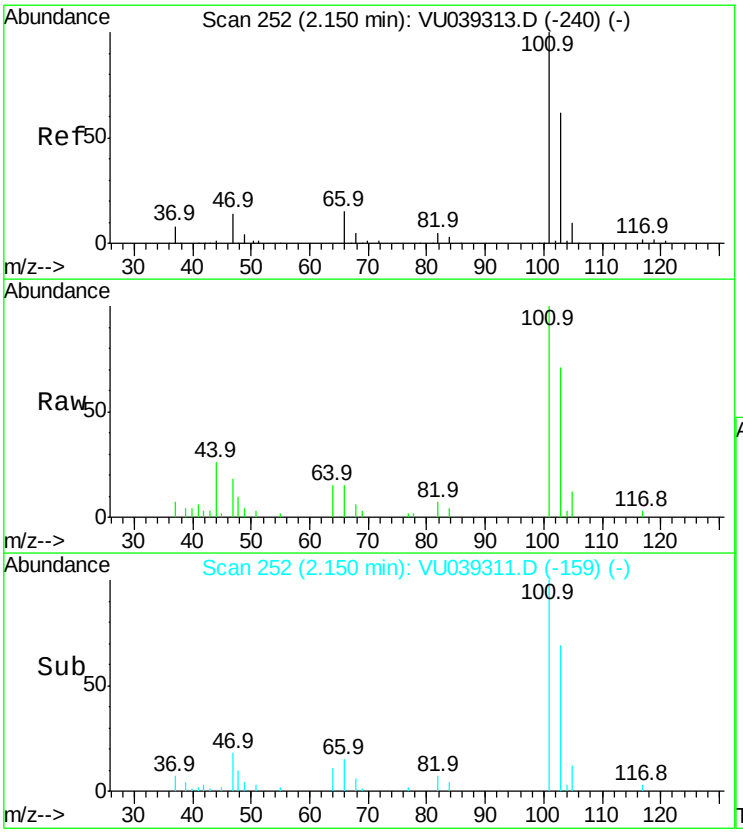
#8
Chloroethane
Concen: 1.144 ug/L
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 64 Resp: 8416

Ion	Ratio	Lower	Upper
64	100		
66	23.1	23.5	43.7#

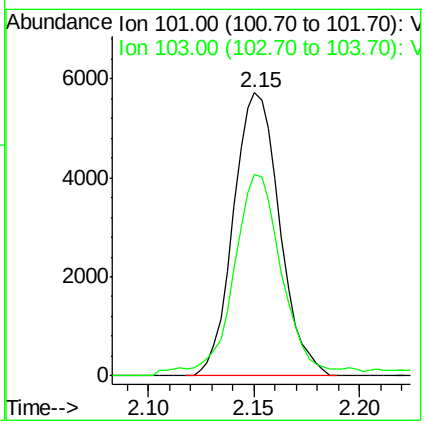


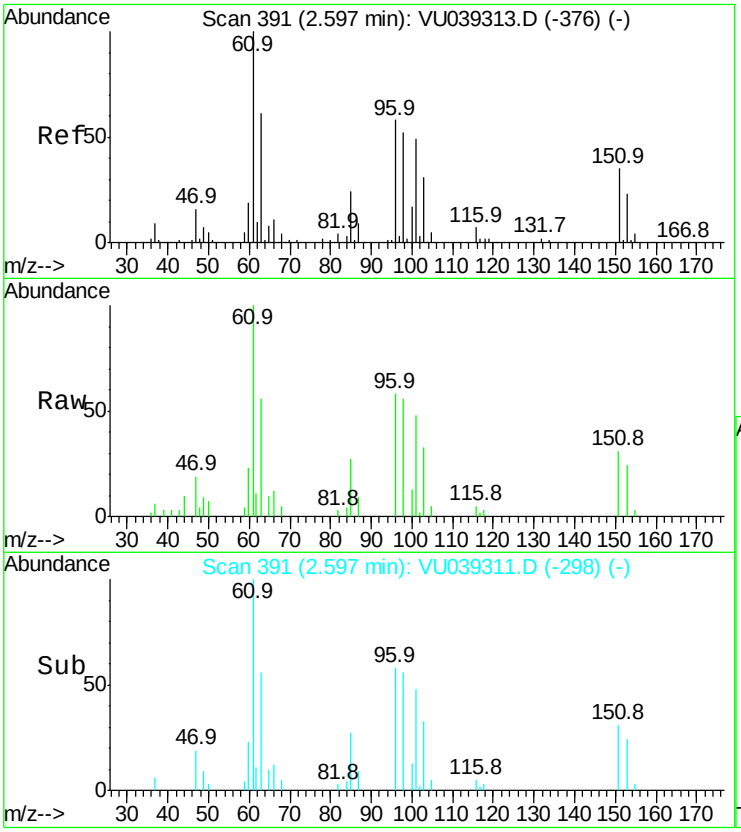


#9
Trichlorofluoromethane
Concen: 0.462 ug/L
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:101 Resp: 8690

Ion	Ratio	Lower	Upper
101	100		
103	74.5	50.6	76.0



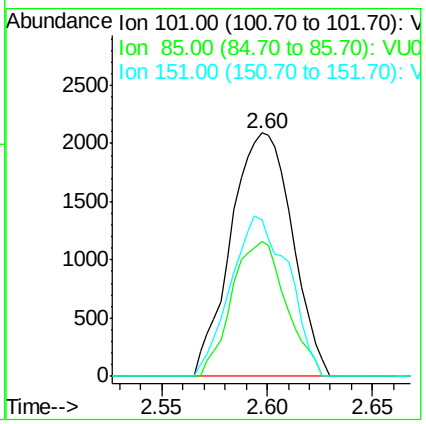


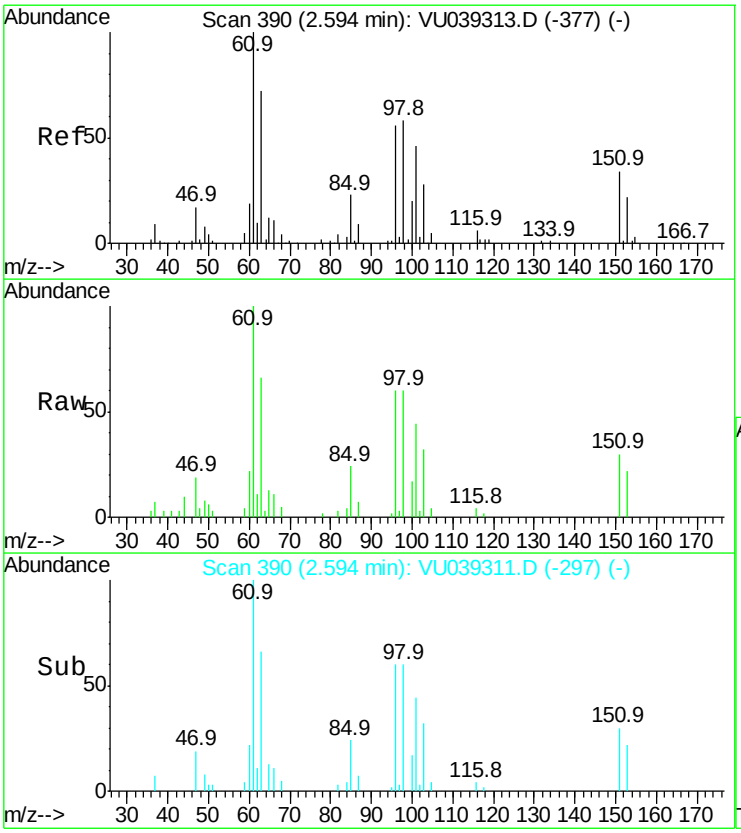
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.513 ug/L
RT: 2.60 min Scan# 391
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:101 Resp: 4205

Ion	Ratio	Lower	Upper
101	100		
85	49.3	38.9	58.3
151	62.5	57.0	85.4

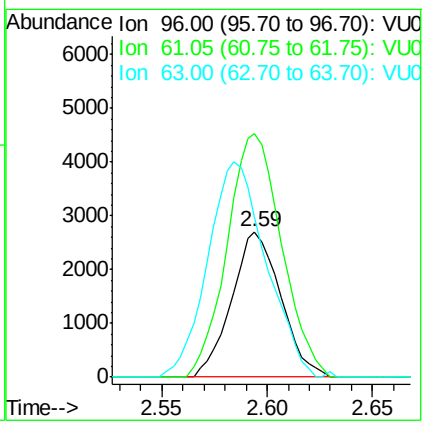


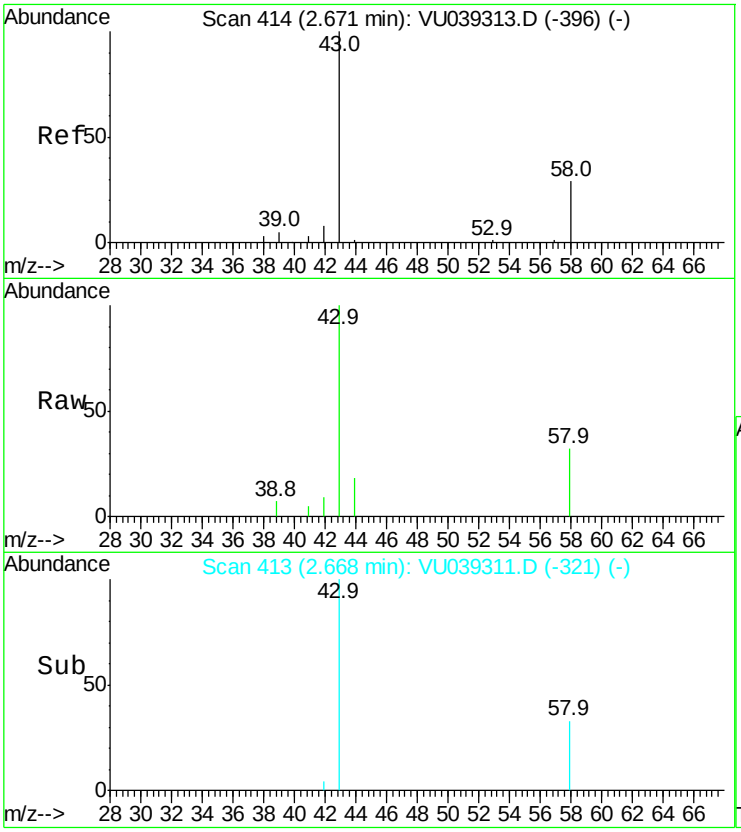


#12
1,1-Dichloroethene
Concen: 0.535 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 96 Resp: 4368

Ion	Ratio	Lower	Upper
96	100		
61	167.2	125.4	232.8
63	109.8	92.7	172.3



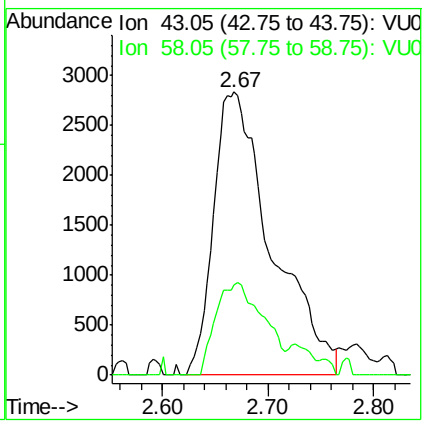


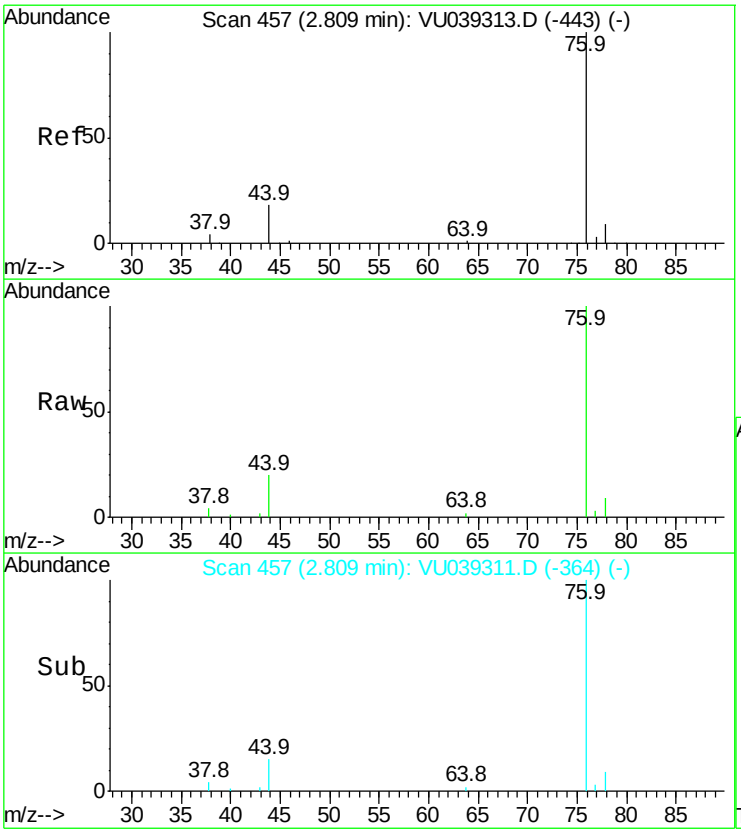
#13
Acetone
Concen: 5.493 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 43 Resp: 10866

Ion	Ratio	Lower	Upper
43	100		
58	27.1	0.0	62.8

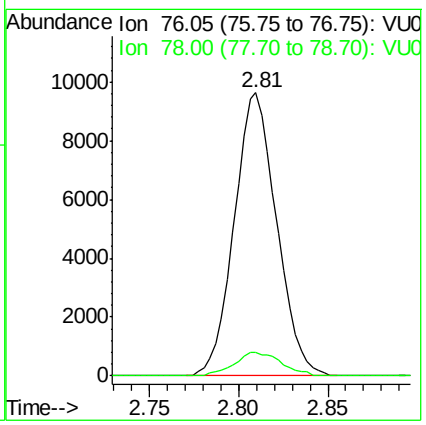


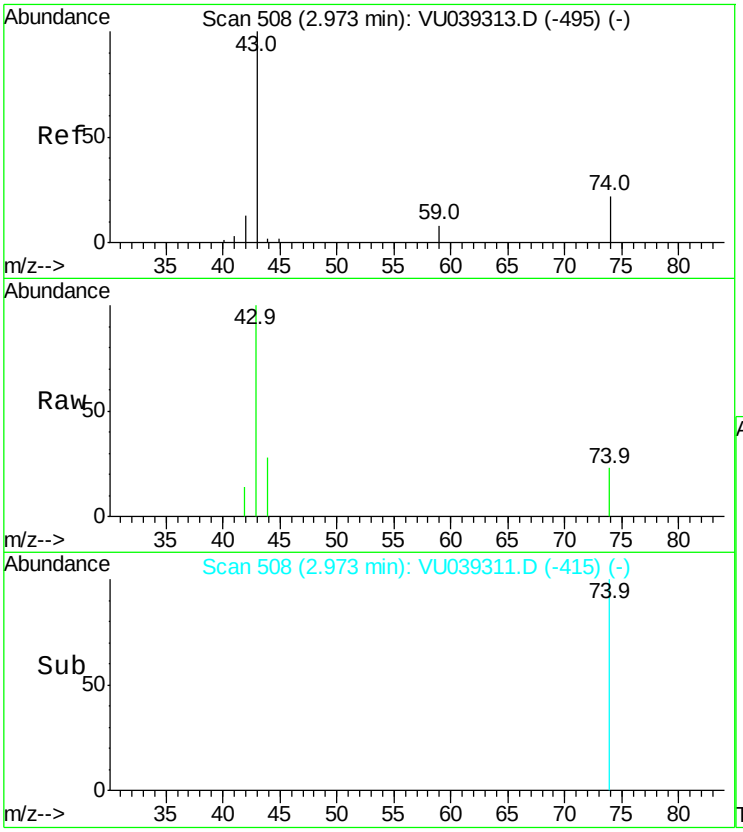


#14
Carbon disulfide
Concen: 0.612 ug/L
RT: 2.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 76 Resp: 15950

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.4



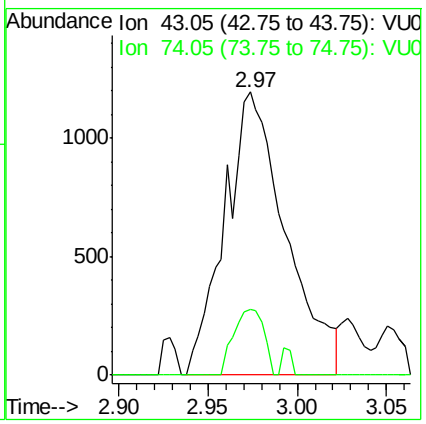


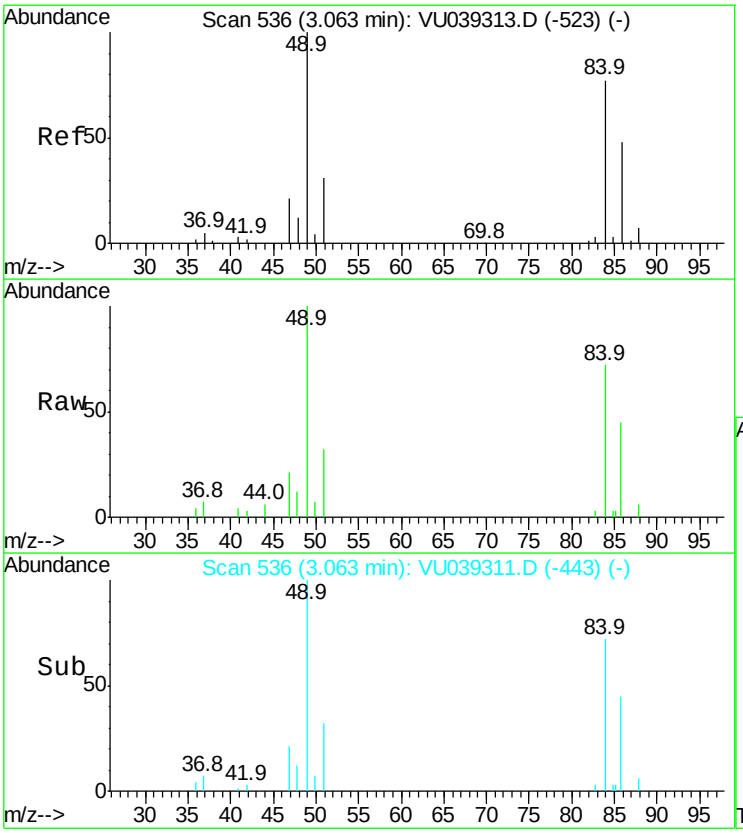
#15
Methyl Acetate
Concen: 0.574 ug/L
RT: 2.97 min Scan# 508
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 43 Resp: 2842

Ion	Ratio	Lower	Upper
43	100		
74	11.5	18.7	28.1#

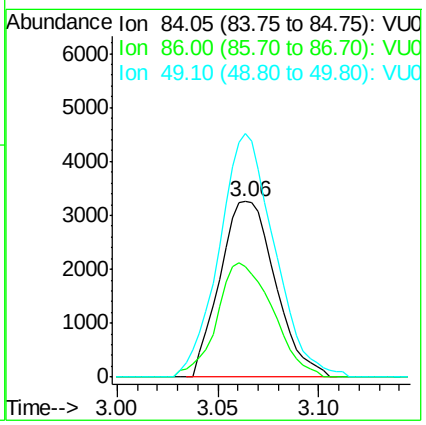


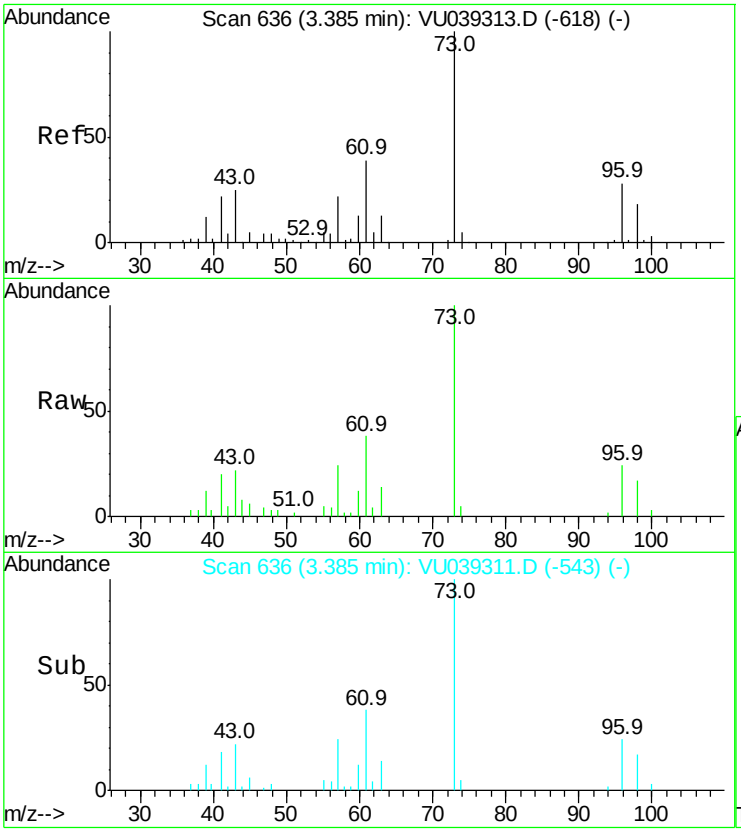


#16
Methylene chloride
Concen: 0.601 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 84 Resp: 6249

Ion	Ratio	Lower	Upper
84	100		
86	63.0	43.5	80.9
49	147.9	91.1	169.1



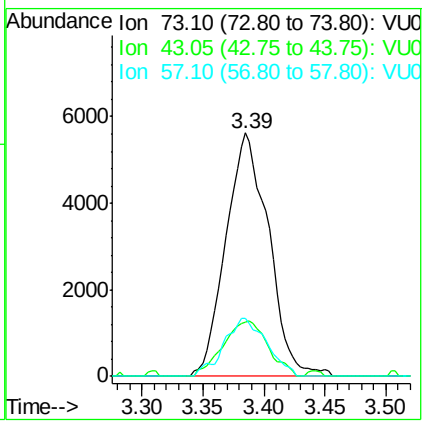


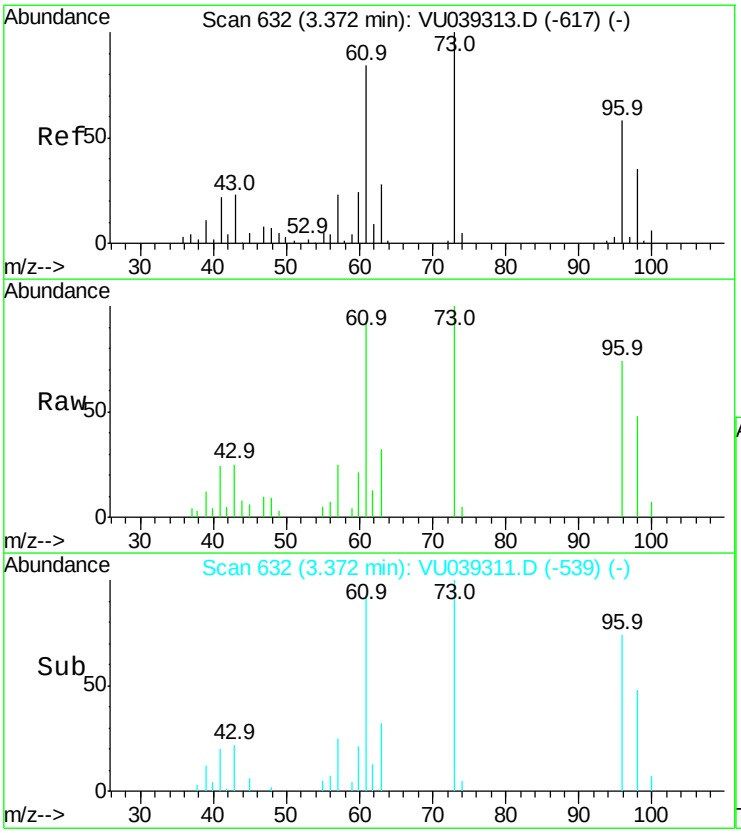
#17
Methyl tert-butyl Ether
Concen: 0.509 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 73 Resp: 13677

Ion	Ratio	Lower	Upper
73	100		
43	23.9	18.6	28.0
57	23.9	17.9	26.9

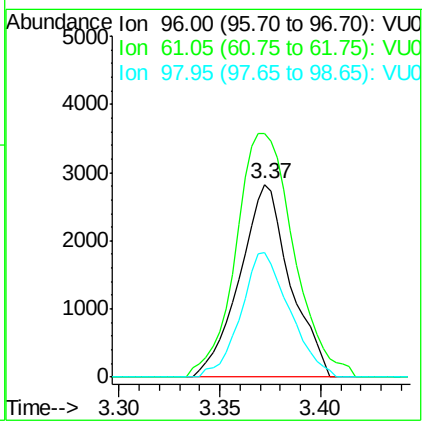


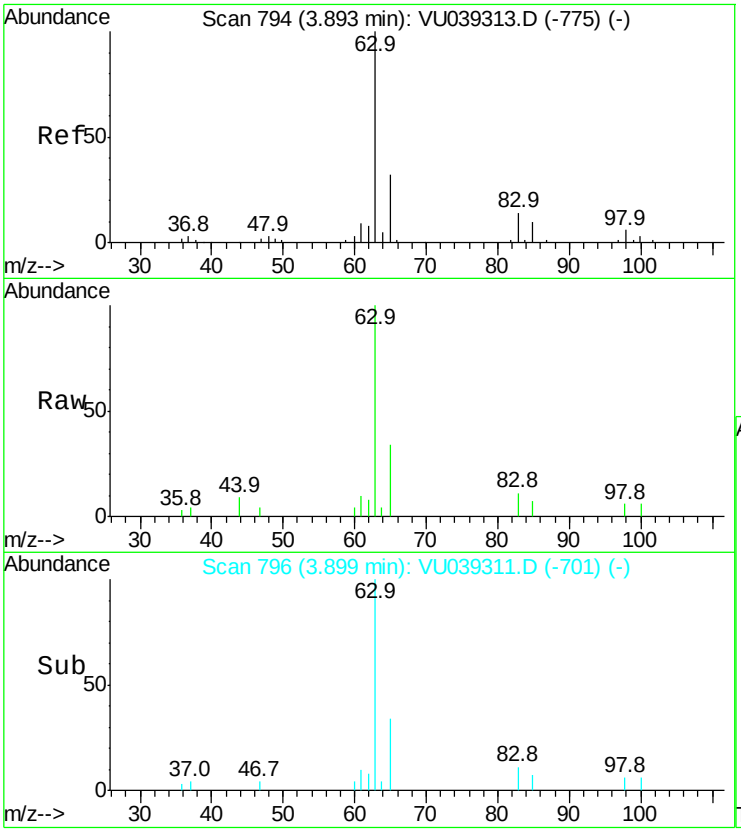


#18
trans-1,2-Dichloroethene
Concen: 0.555 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 96 Resp: 4927

Ion	Ratio	Lower	Upper
96	100		
61	126.3	102.1	189.5
98	64.6	42.5	78.9



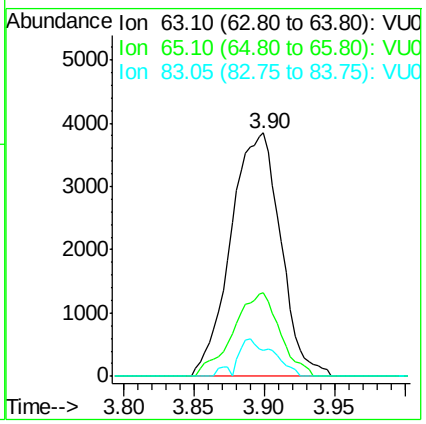


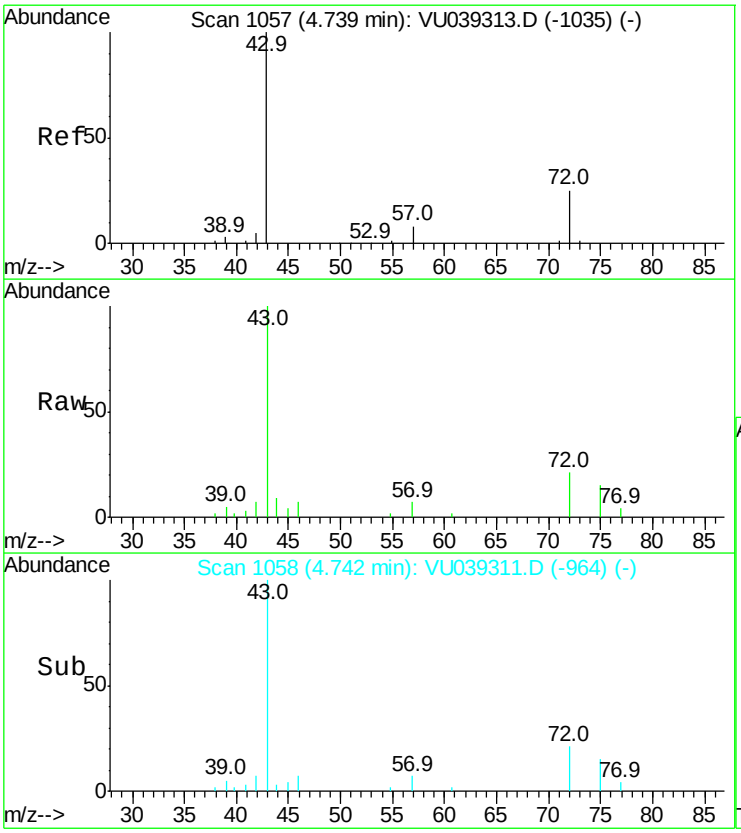
#19
1,1-Dichloroethane
Concen: 0.536 ug/L
RT: 3.90 min Scan# 796
Delta R.T. 0.01 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 63 Resp: 9532

Ion	Ratio	Lower	Upper
63	100		
65	33.2	23.0	42.6
83	10.4	9.6	17.8

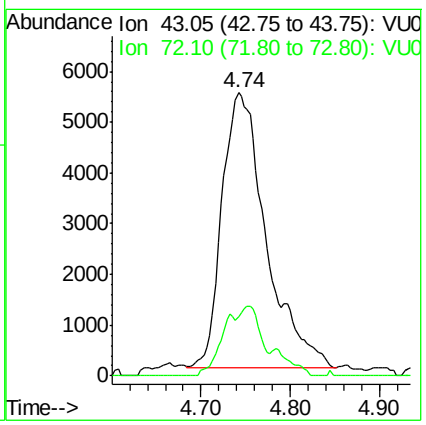


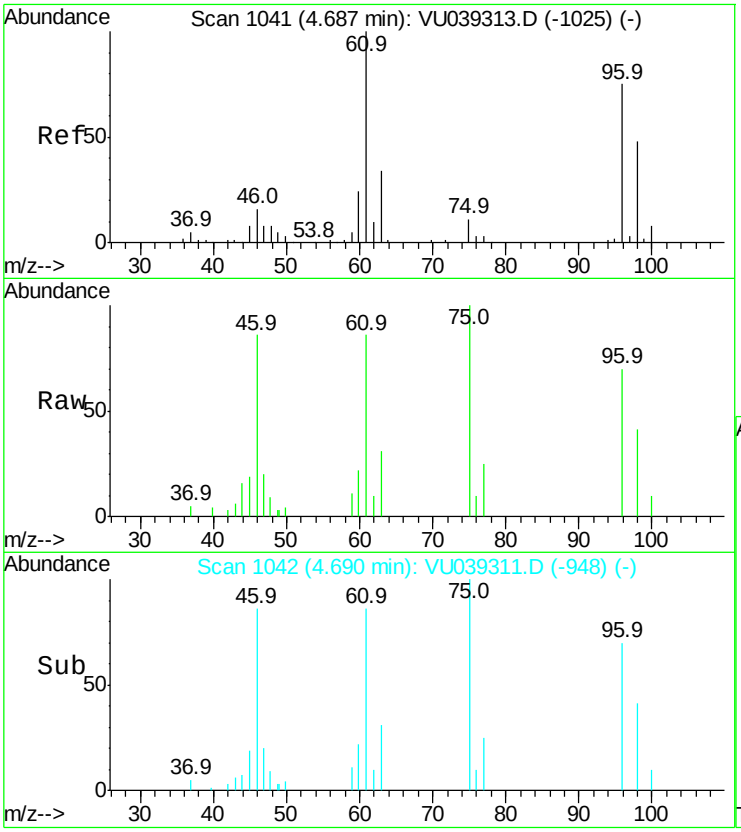


#21
2-Butanone
Concen: 5.161 ug/L
RT: 4.74 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 43 Resp: 18583

Ion	Ratio	Lower	Upper
43	100		
72	8.4	13.2	39.5#



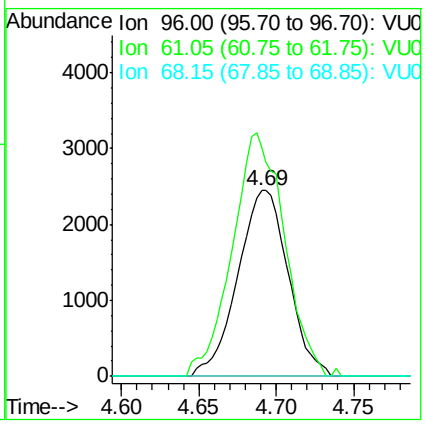


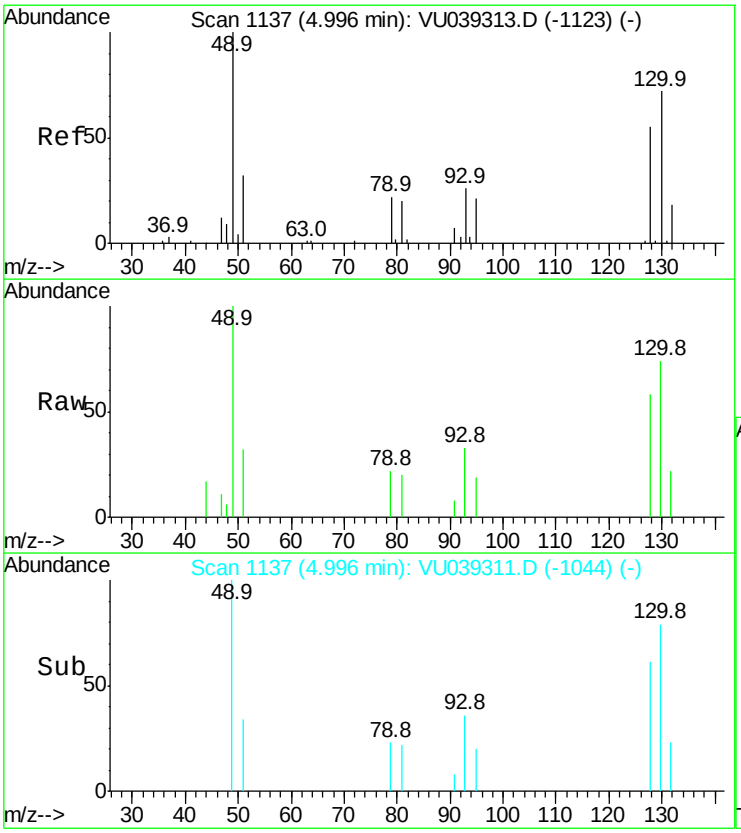
#22
cis-1,2-Dichloroethene
Concen: 0.548 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 96 Resp: 5548

Ion	Ratio	Lower	Upper
96	100		
61	122.6	92.8	172.4
68	0.0	0.0	0.0

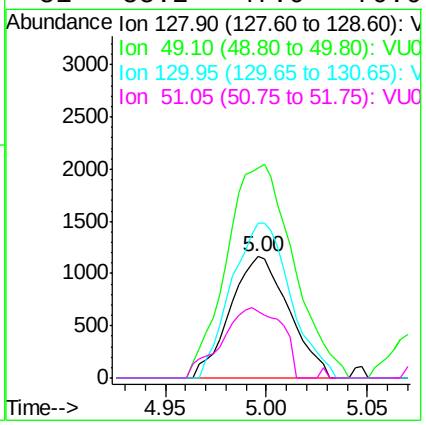


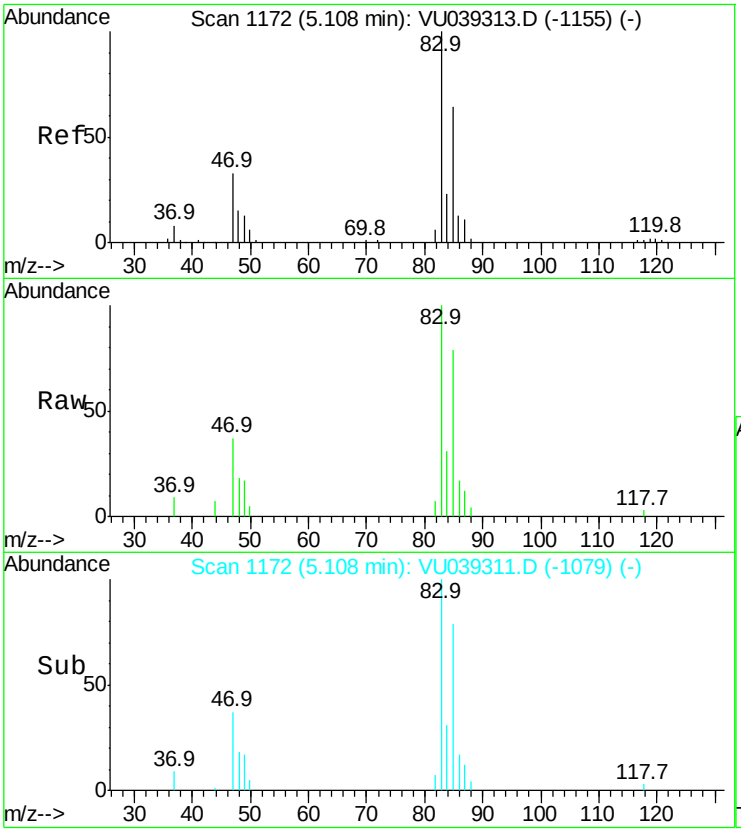


#23
Bromochloromethane
Concen: 0.517 ug/L
RT: 5.00 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:128 Resp: 2359

Ion	Ratio	Lower	Upper
128	100		
49	173.0	128.5	238.7
130	127.7	91.5	169.9
51	55.2	47.0	70.6



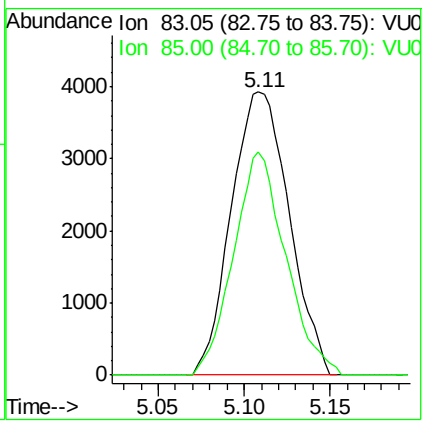


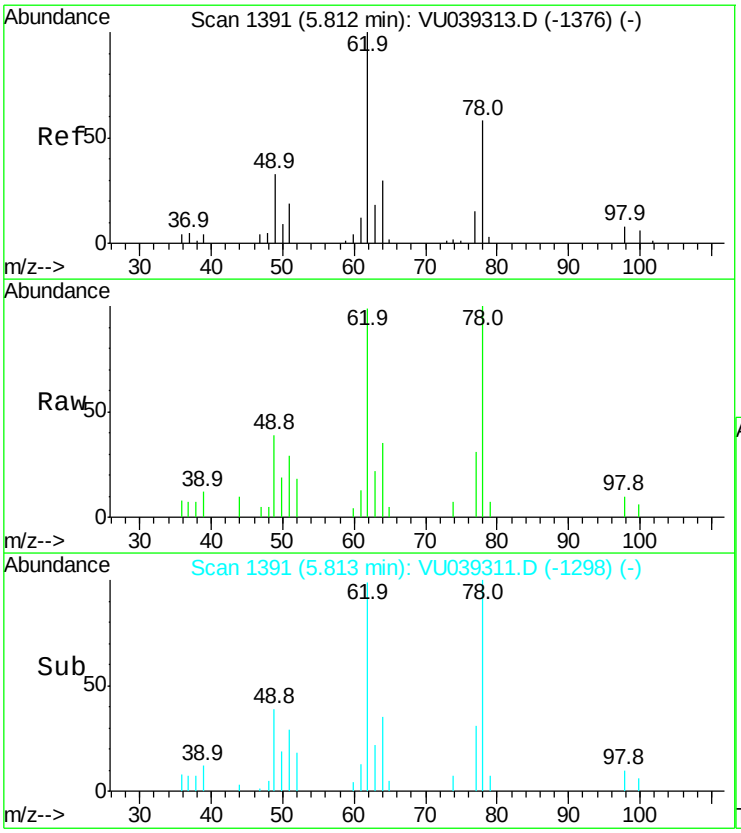
#25
Chloroform
Concen: 0.494 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 83 Resp: 9164

Ion	Ratio	Lower	Upper
83	100		
85	78.8	44.9	83.5

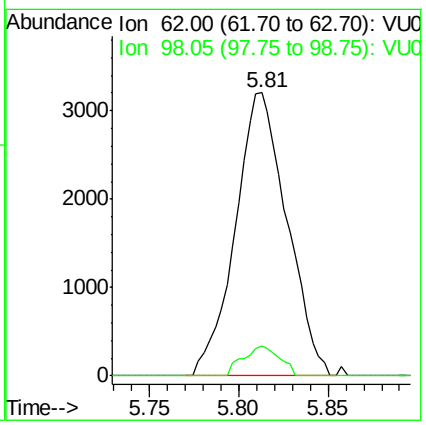


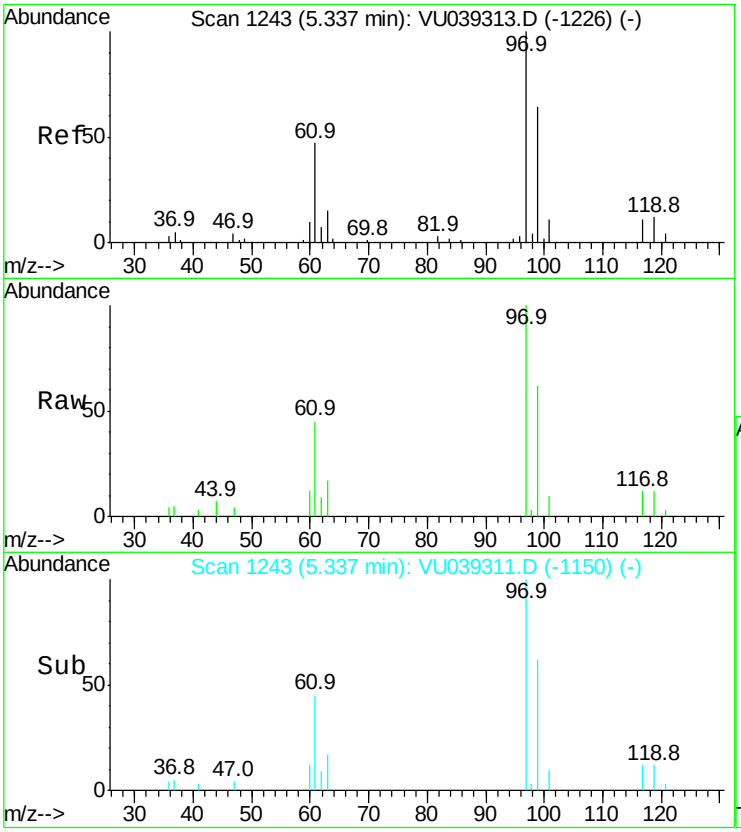


#27
1,2-Dichloroethane
Concen: 0.485 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 62 Resp: 6472

Ion	Ratio	Lower	Upper
62	100		
98	10.5	6.3	9.5#



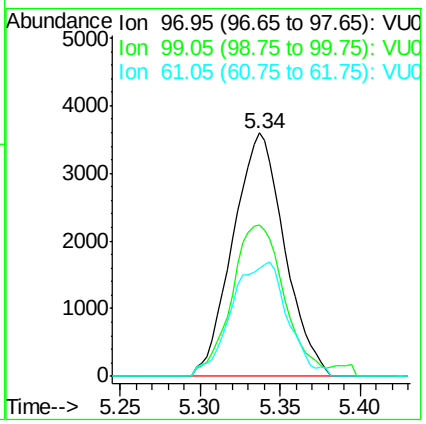


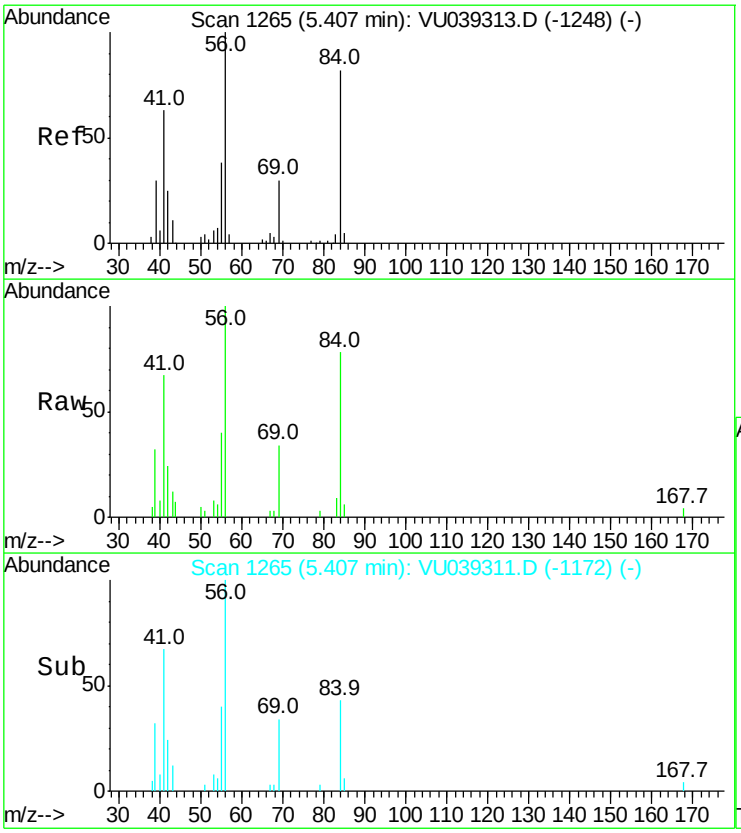
#29
1,1,1-Trichloroethane
Concen: 0.518 ug/L
RT: 5.34 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 97 Resp: 7927

Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.6	79.0
61	51.0	37.9	56.9

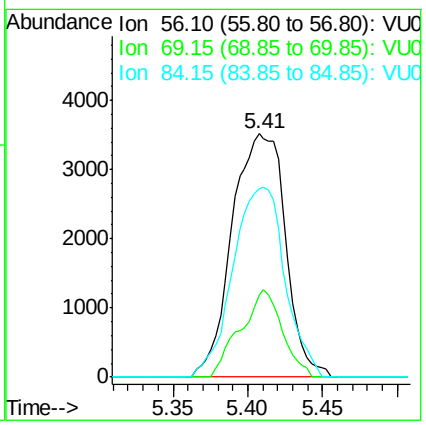


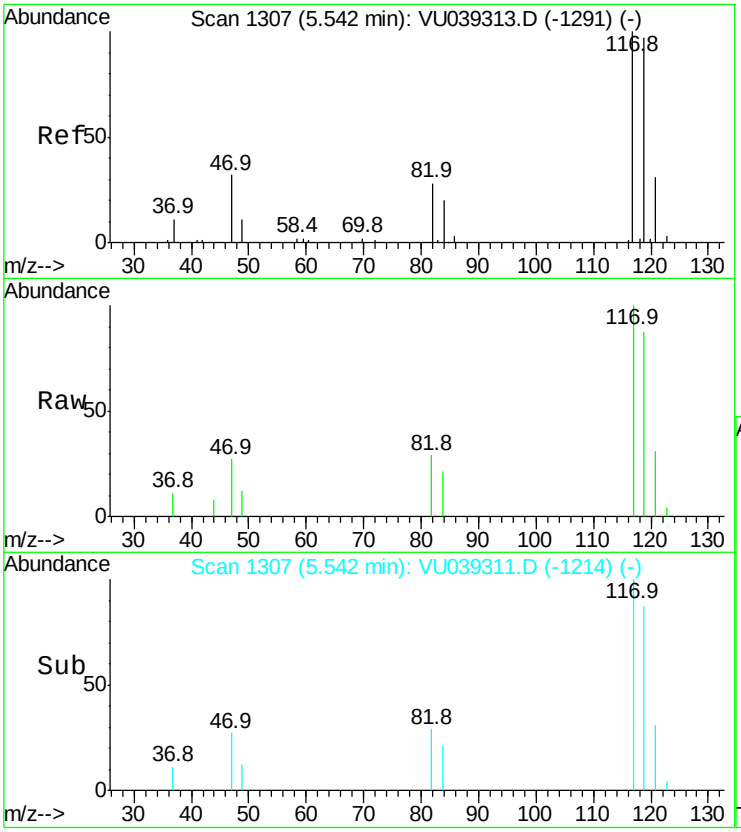


#30
Cyclohexane
Concen: 0.568 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 56 Resp: 8715

Ion	Ratio	Lower	Upper
56	100		
69	28.1	24.1	36.1
84	76.1	67.0	100.6



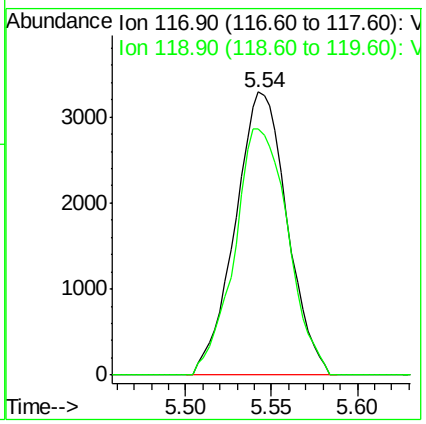


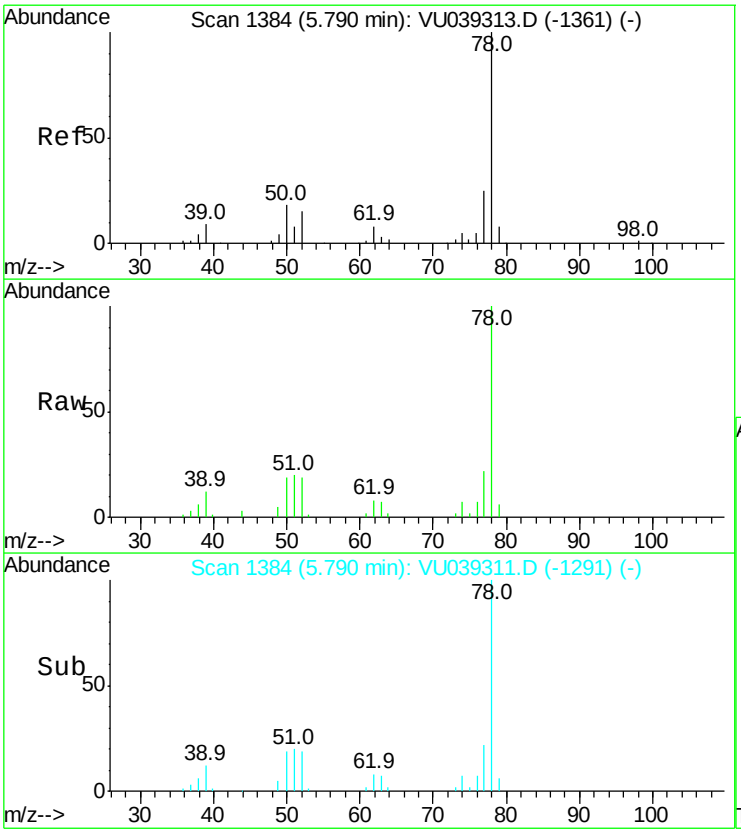
#31
Carbon tetrachloride
Concen: 0.537 ug/L
RT: 5.54 min Scan# 1307
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:117 Resp: 6906

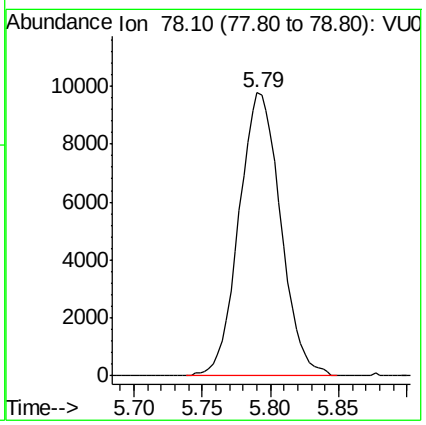
Ion	Ratio	Lower	Upper
117	100		
119	89.6	77.4	116.0

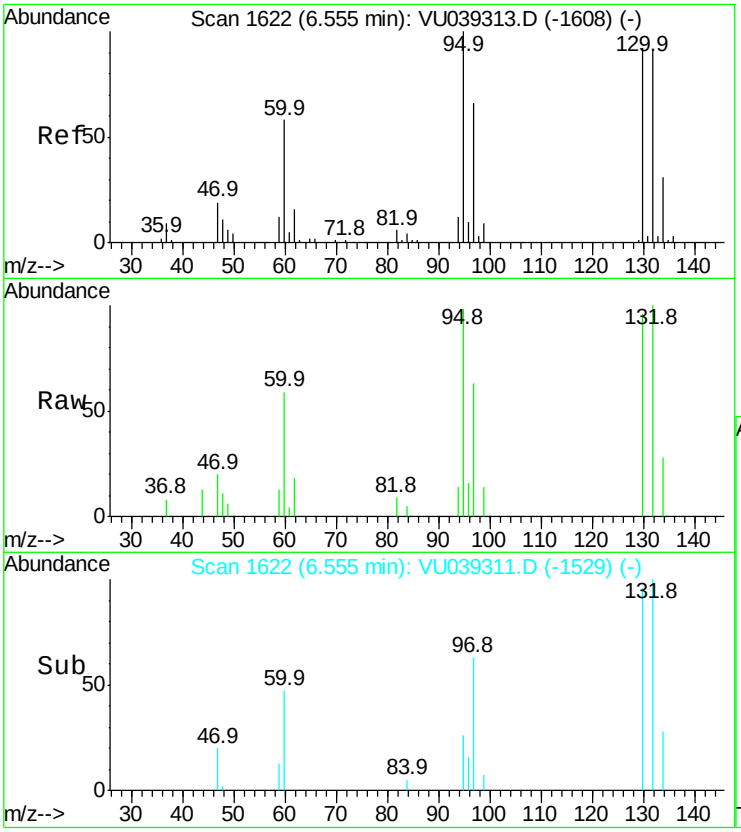




#33
Benzene
Concen: 0.552 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 78 Resp: 20720



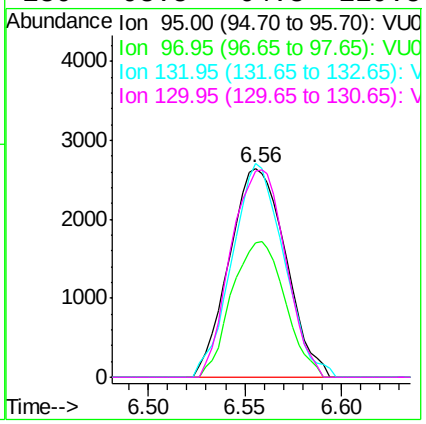


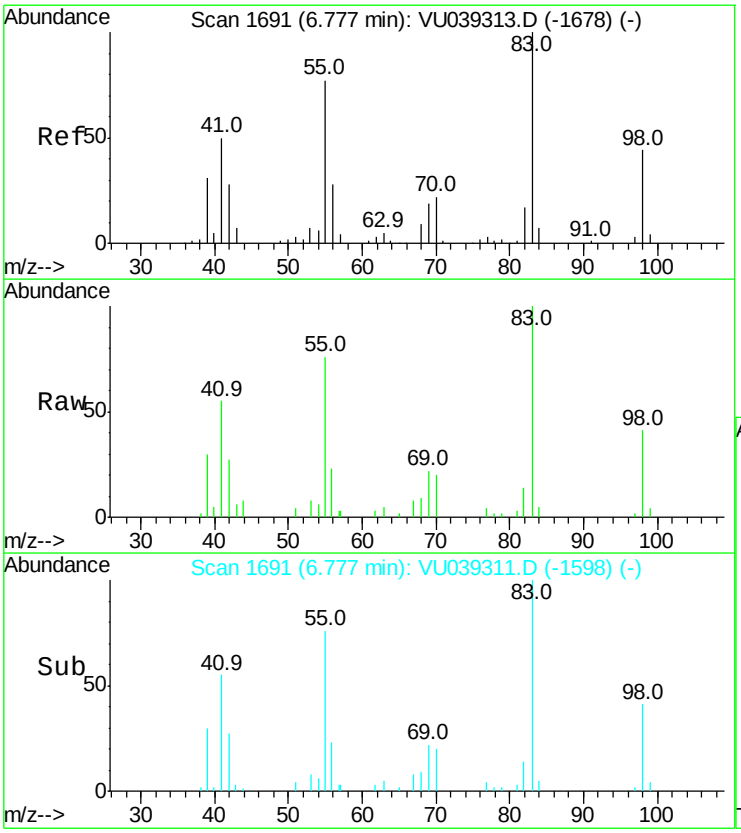
#34
Trichloroethene
Concen: 0.554 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 95 Resp: 5367

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.3	85.9
132	102.2	64.0	118.8
130	98.5	64.3	119.5

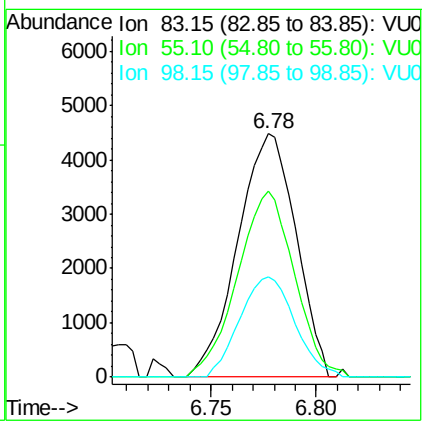


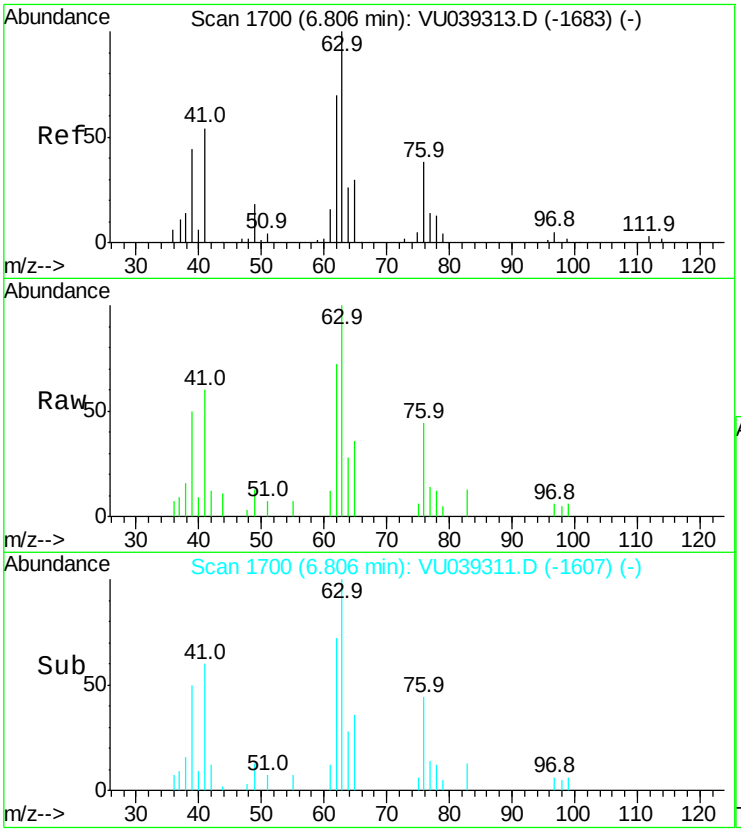


#35
Methylcyclohexane
Concen: 0.554 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 83 Resp: 8583

Ion	Ratio	Lower	Upper
83	100		
55	75.0	62.1	93.1
98	39.0	35.9	53.9



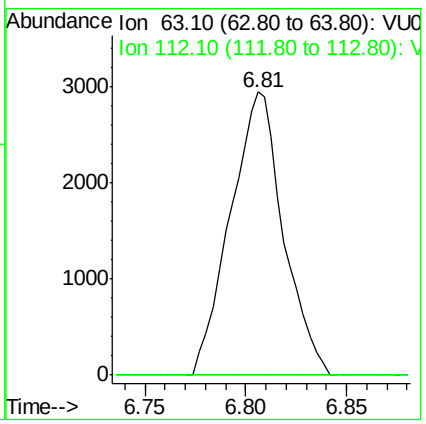


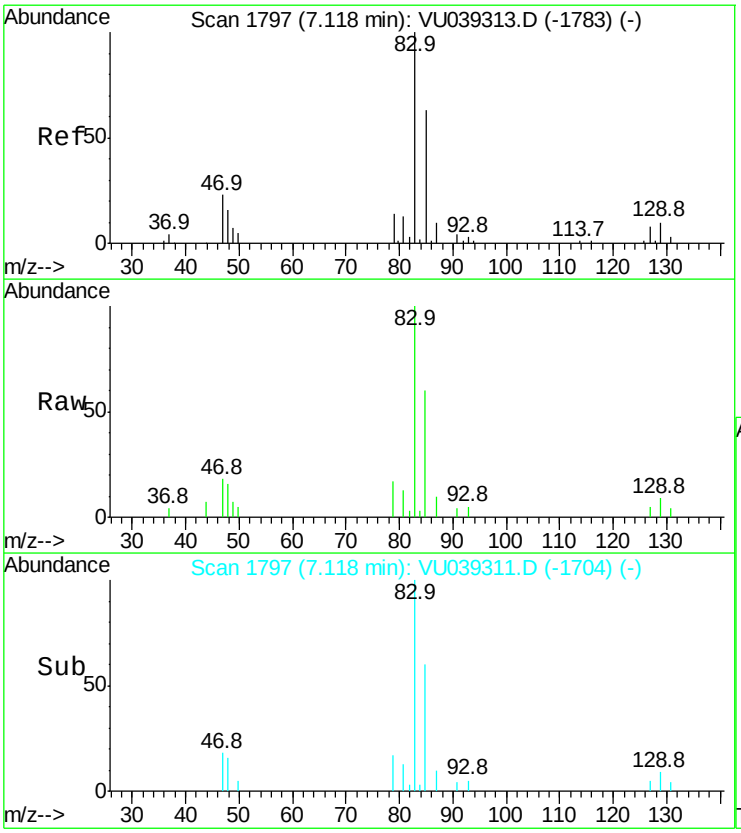
#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.81 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 63 Resp: 5388

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.5	3.7#

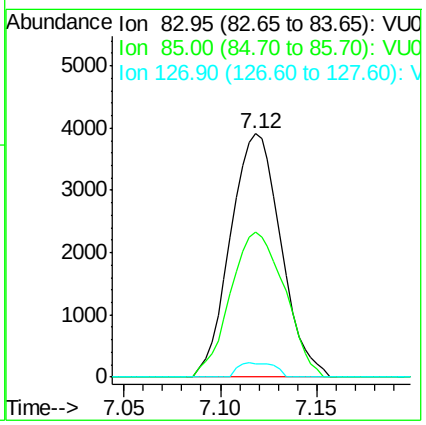


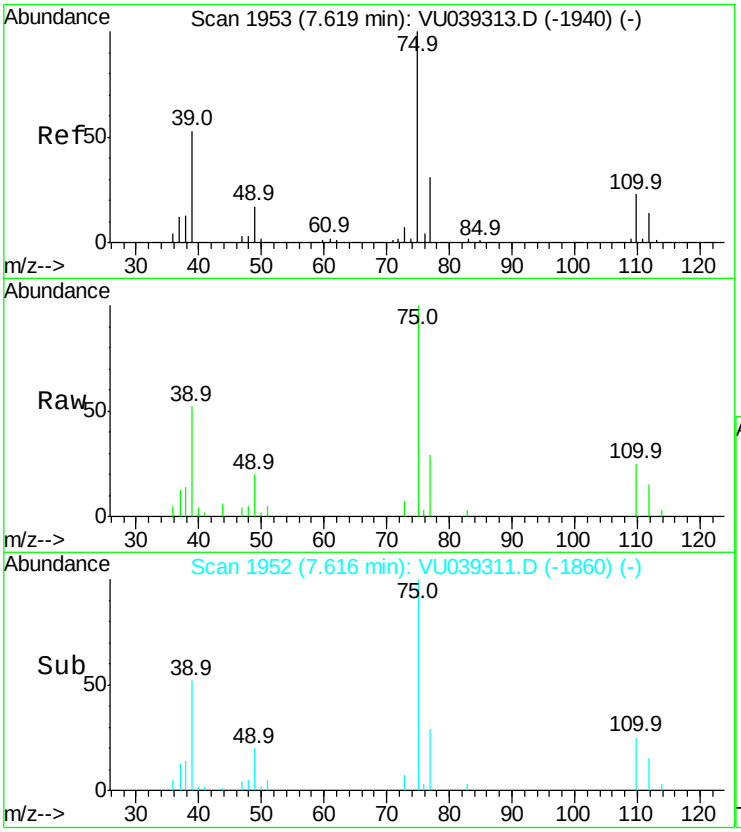


#38
Bromodichloromethane
Concen: 0.518 ug/L
RT: 7.12 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 83 Resp: 7073

Ion	Ratio	Lower	Upper
83	100		
85	59.8	44.0	81.6
127	5.5	6.2	9.4#



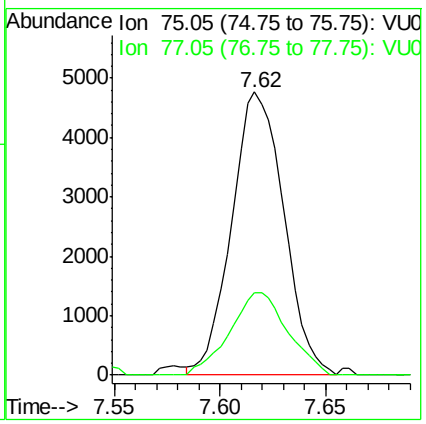


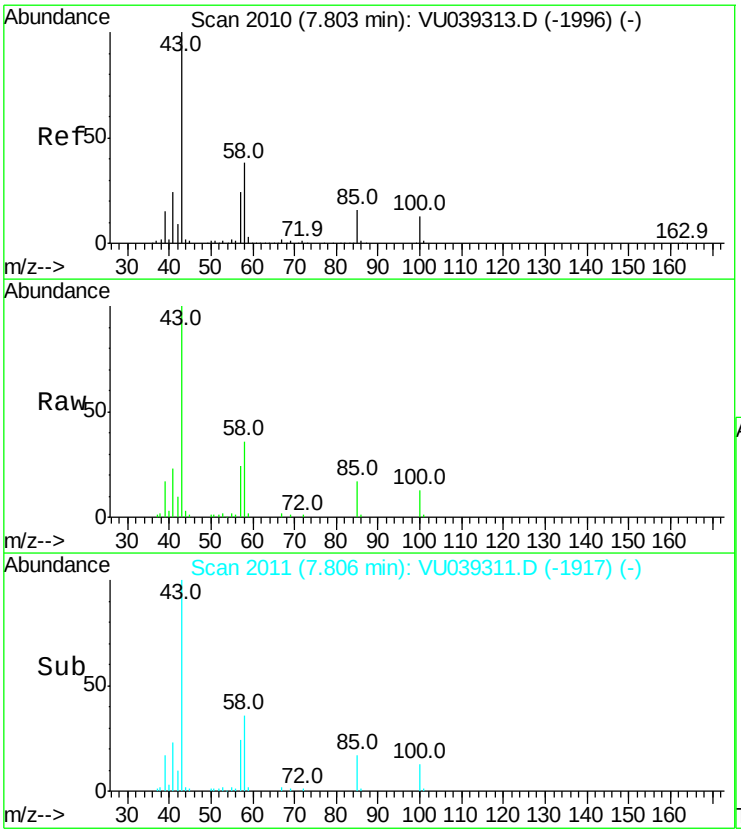
#39
cis-1,3-Dichloropropene
Concen: 0.503 ug/L
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 75 Resp: 8198

Ion	Ratio	Lower	Upper
75	100		
77	28.9	22.3	41.3

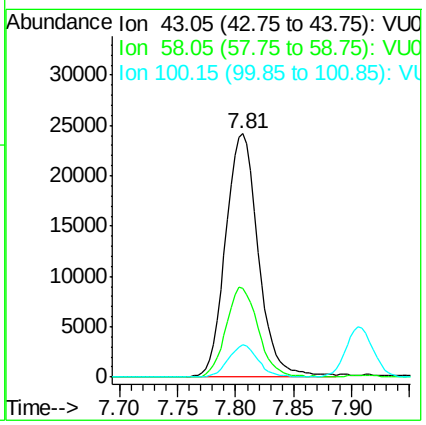


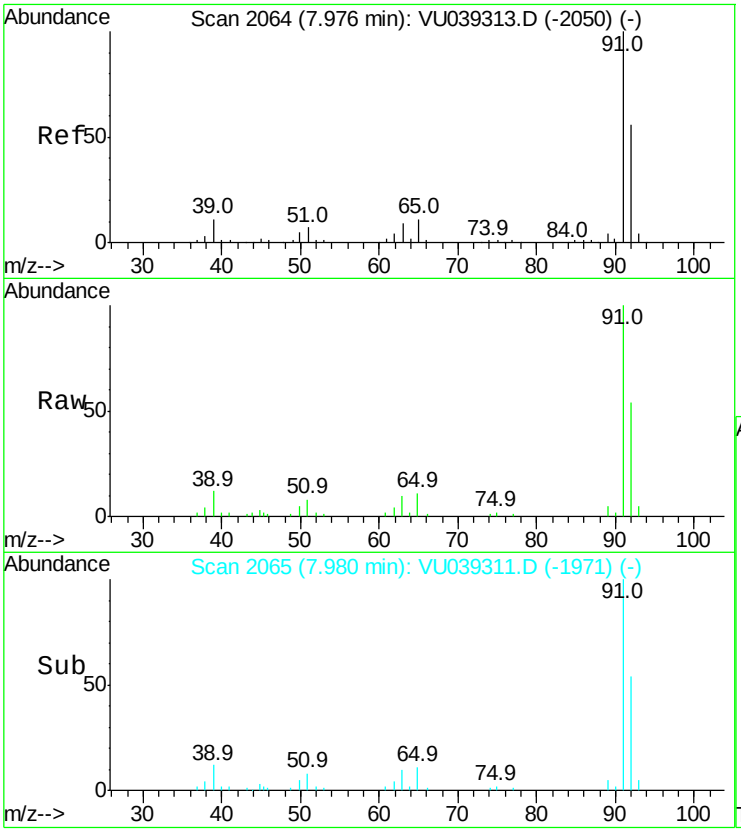


#40
4-Methyl-2-pentanone
Concen: 5.350 ug/L
RT: 7.81 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 43 Resp: 47447

Ion	Ratio	Lower	Upper
43	100		
58	36.2	30.5	45.7
100	11.8	10.3	15.5



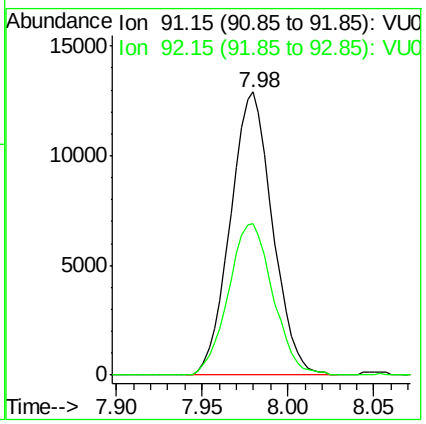


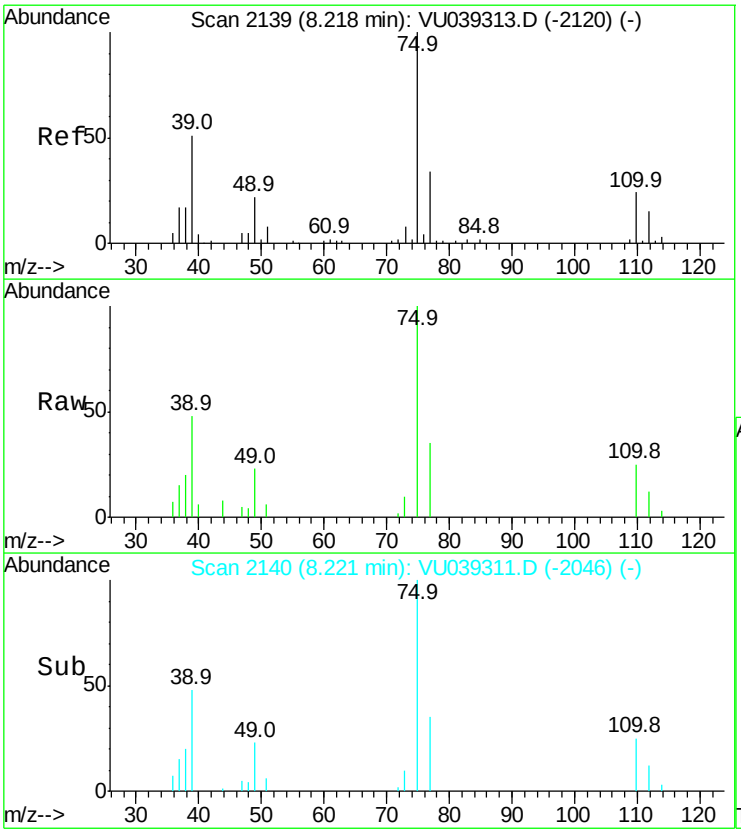
#42
Toluene
Concen: 0.536 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 91 Resp: 21902

Ion	Ratio	Lower	Upper
91	100		
92	53.5	39.3	73.1

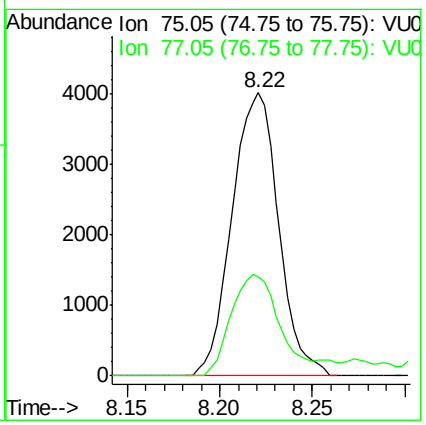


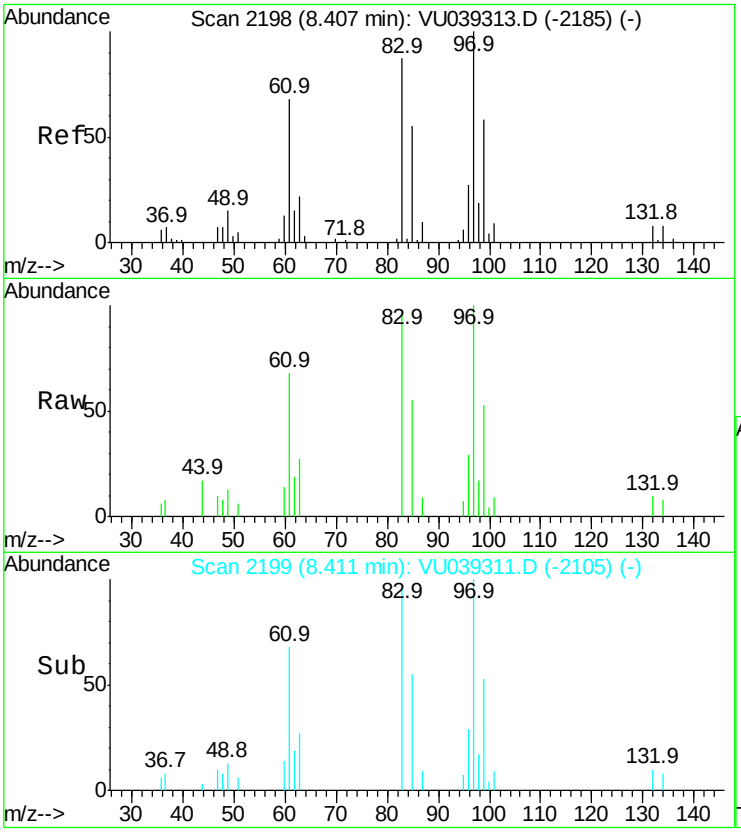


#44
trans-1,3-Dichloropropene
Concen: 0.478 ug/L
RT: 8.22 min Scan# 2140
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 75 Resp: 7014

Ion	Ratio	Lower	Upper
75	100		
77	35.1	23.7	43.9



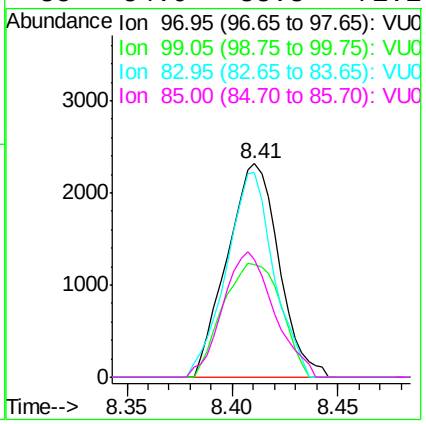


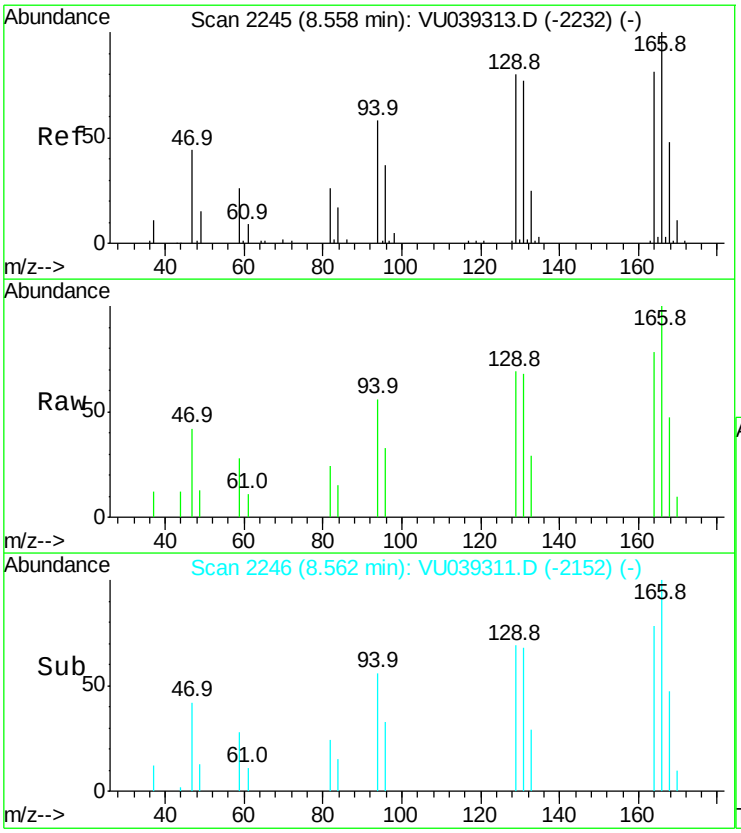
#45
1,1,2-Trichloroethane
Concen: 0.507 ug/L
RT: 8.41 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion: 97 Resp: 3954

Ion	Ratio	Lower	Upper
97	100		
99	53.0	40.7	75.7
83	96.2	60.6	112.6
85	54.9	38.3	71.1

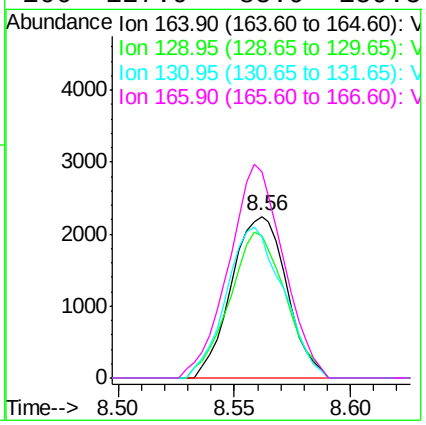


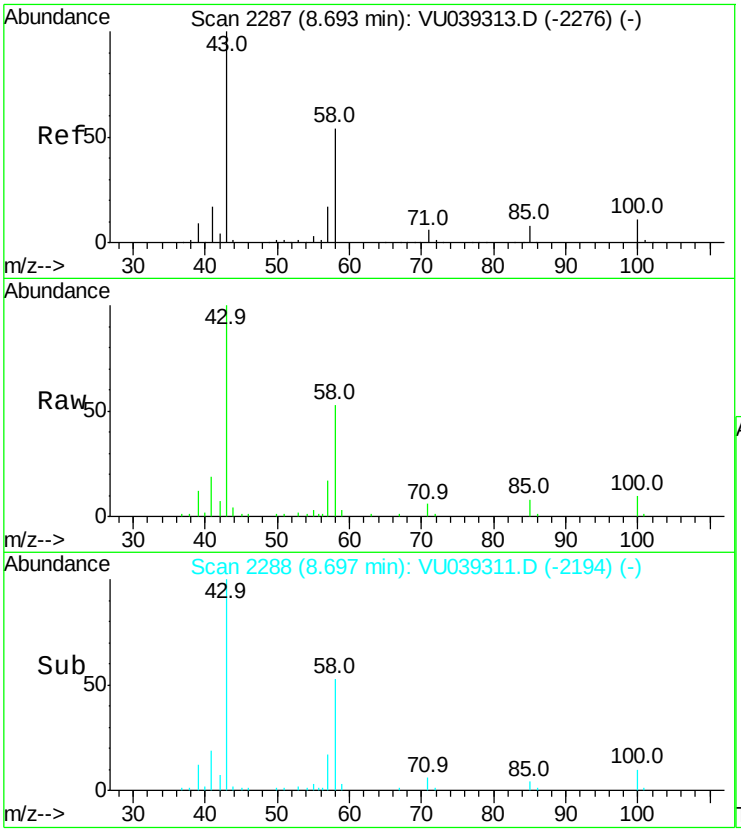


#47
Tetrachloroethene
Concen: 0.545 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:164 Resp: 3706

Ion	Ratio	Lower	Upper
164	100		
129	88.0	68.6	127.4
131	86.9	66.4	123.4
166	127.9	85.9	159.5



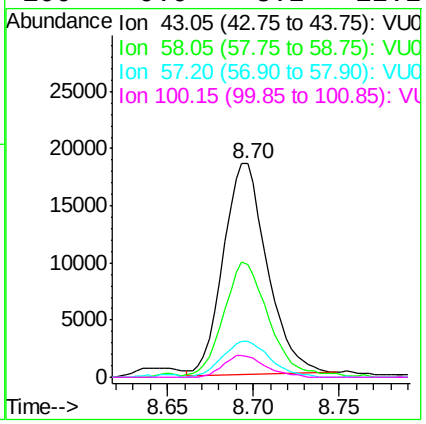


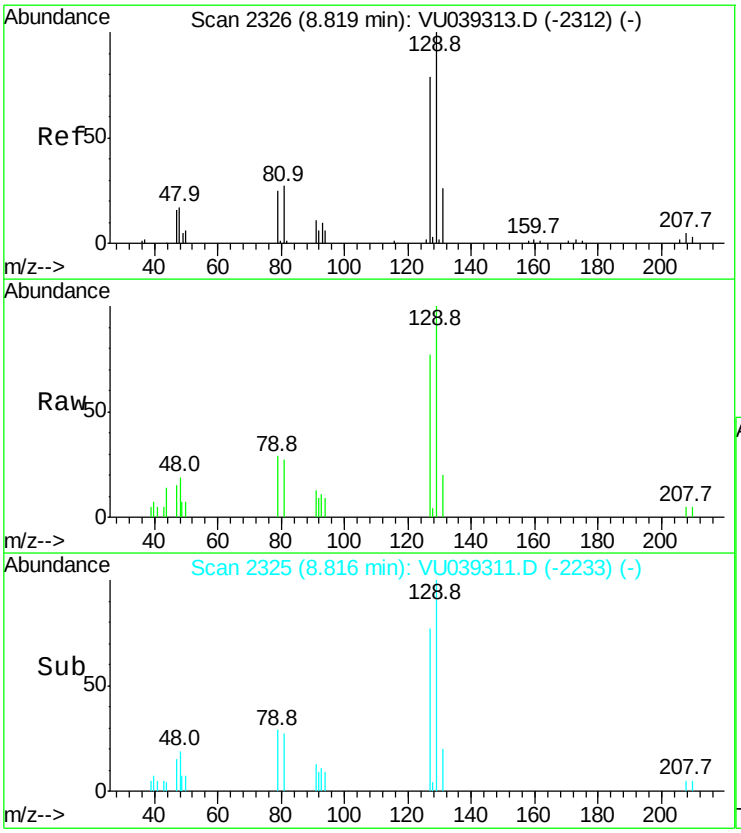
#48
2-Hexanone
Concen: 4.960 ug/L
RT: 8.70 min Scan# 2288
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 43 Resp: 32711

Ion	Ratio	Lower	Upper
43	100		
58	54.2	42.0	63.0
57	18.6	14.0	21.0
100	9.9	8.2	12.2

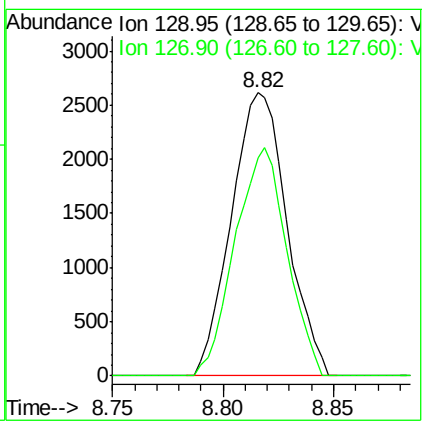


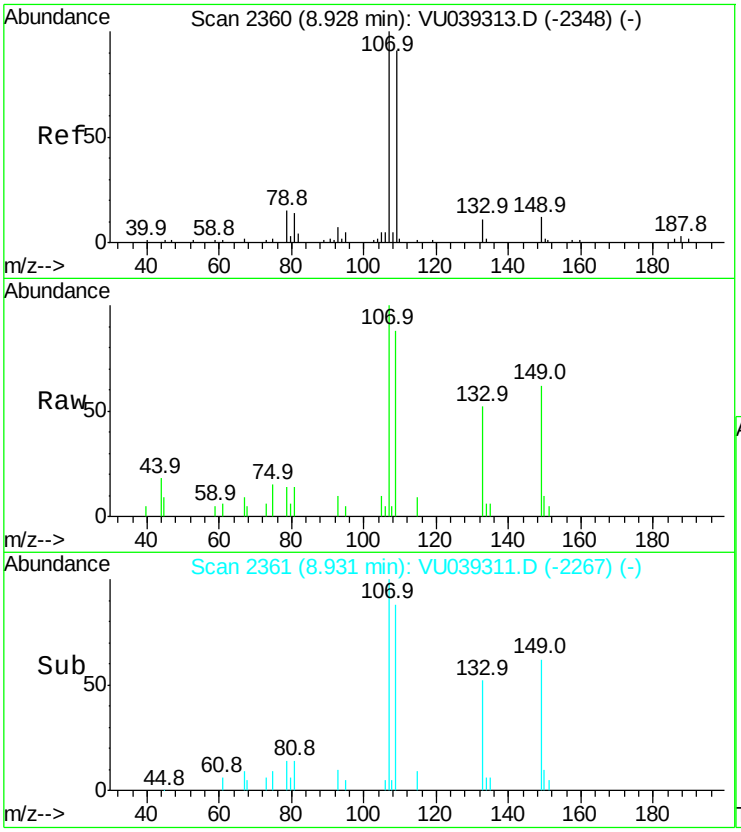


#49
Dibromochloromethane
Concen: 0.468 ug/L
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:129 Resp: 4584

Ion	Ratio	Lower	Upper
129	100		
127	76.9	55.4	102.8



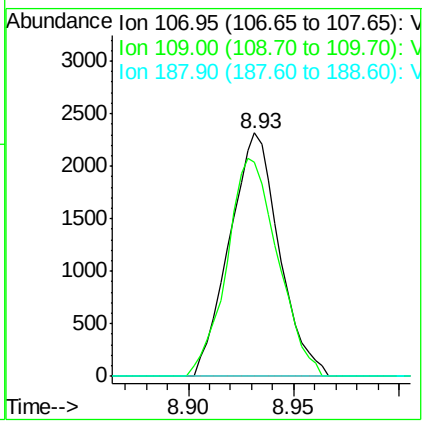


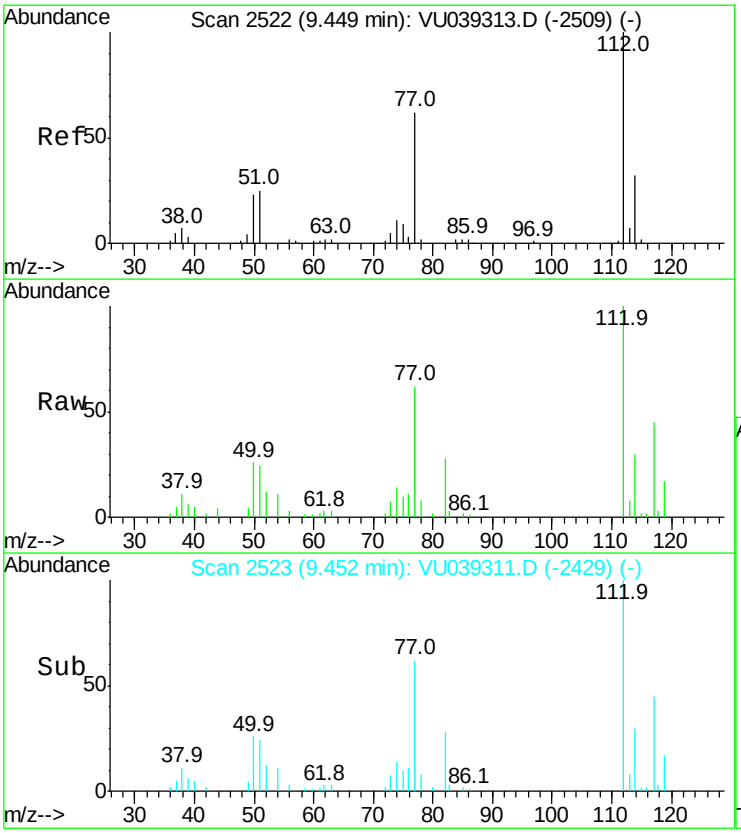
#50
1,2-Dibromoethane
Concen: 0.484 ug/L
RT: 8.93 min Scan# 2361
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion:107 Resp: 3790

Ion	Ratio	Lower	Upper
107	100		
109	87.7	64.0	118.8
188	0.0	2.6	3.8#

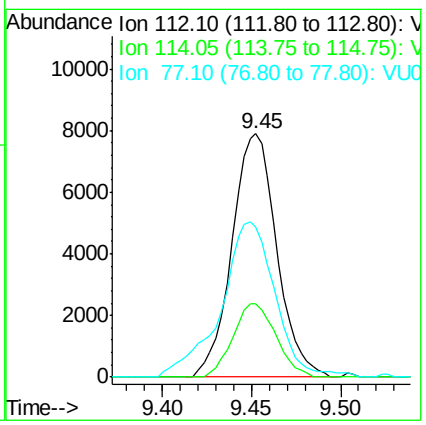


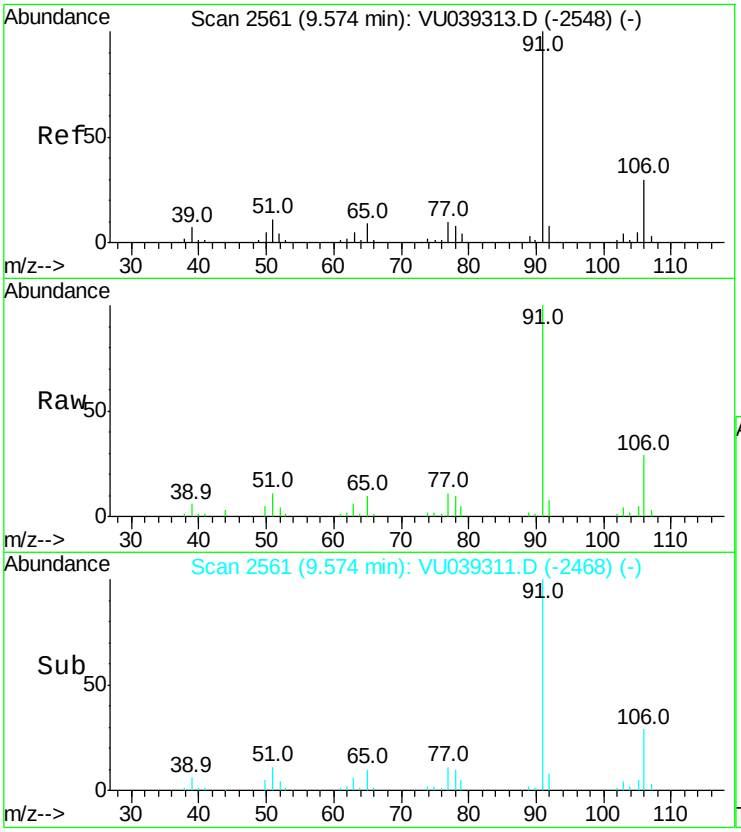


#51
Chlorobenzene
Concen: 0.545 ug/L
RT: 9.45 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:112 Resp: 13789

Ion	Ratio	Lower	Upper
112	100		
114	30.0	22.1	41.1
77	61.8	49.9	74.9



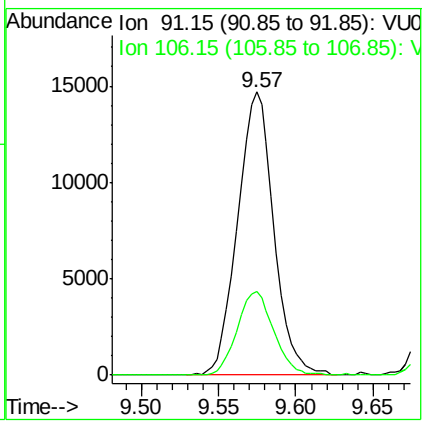


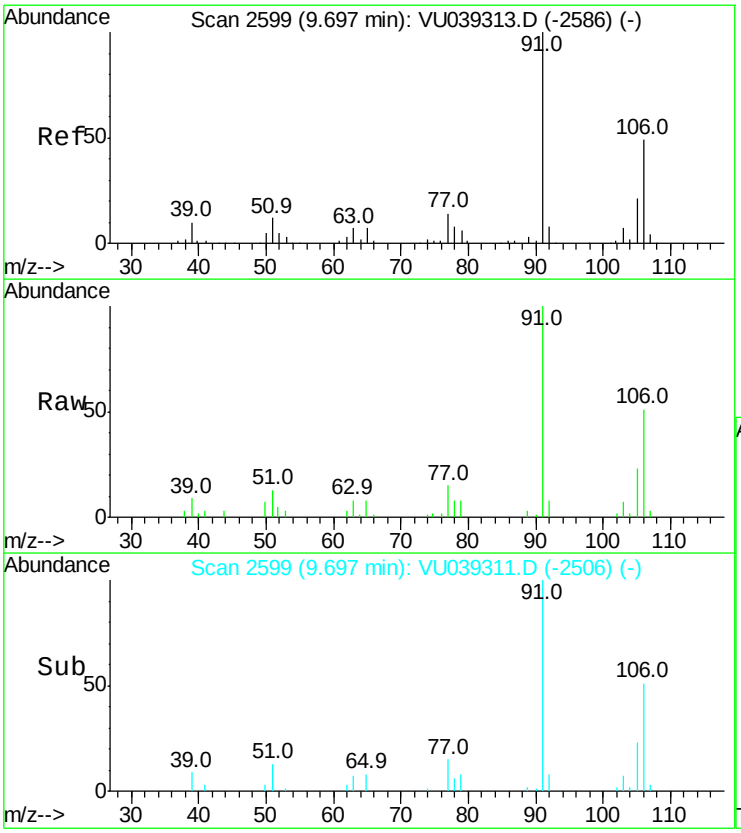
#52
Ethylbenzene
Concen: 0.525 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 91 Resp: 23883

Ion	Ratio	Lower	Upper
91	100		
106	29.5	21.3	39.6

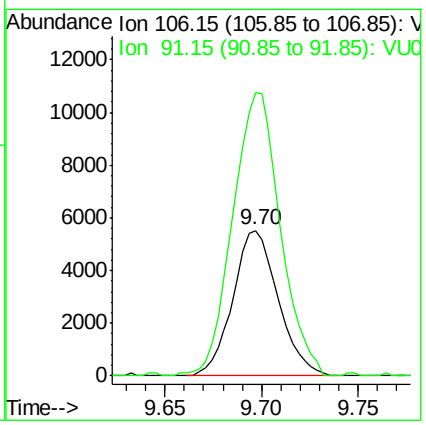


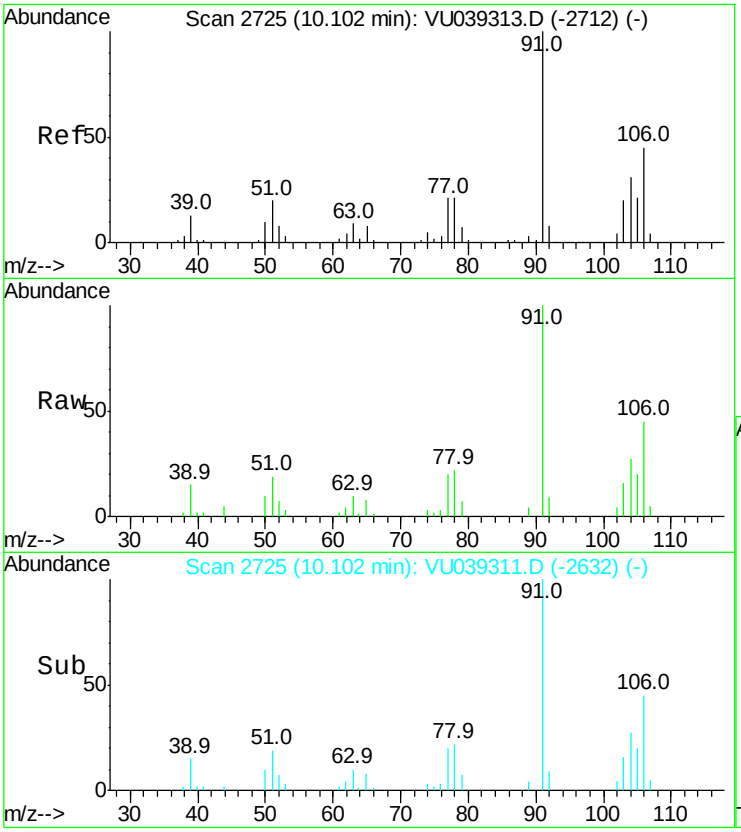


#53
m,p-Xylene
Concen: 0.525 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:106 Resp: 9006

Ion	Ratio	Lower	Upper
106	100		
91	195.0	144.0	267.4



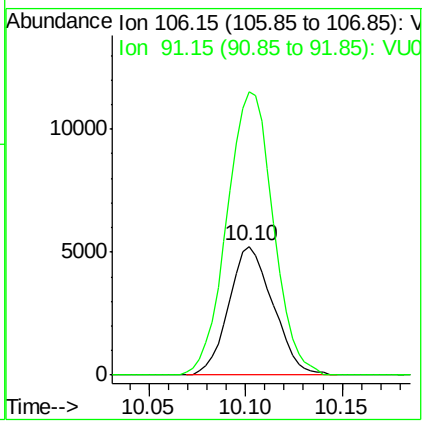


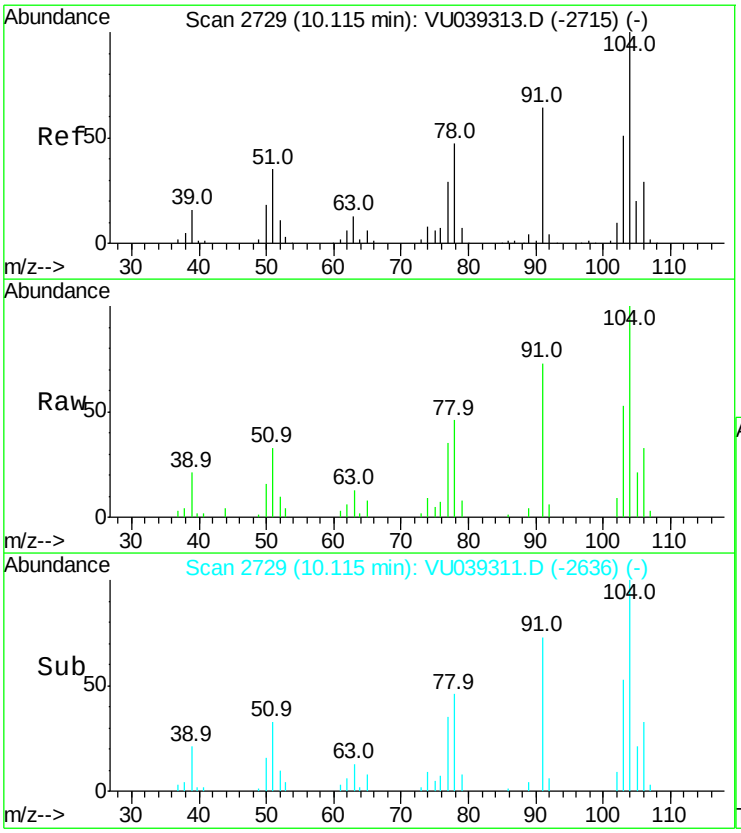
#54
o-Xylene
Concen: 0.488 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:106 Resp: 8311

Ion	Ratio	Lower	Upper
106	100		
91	219.9	154.6	287.2

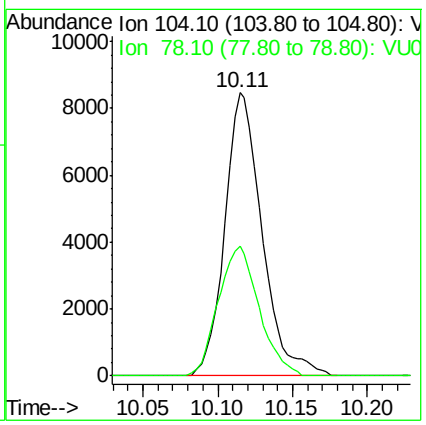


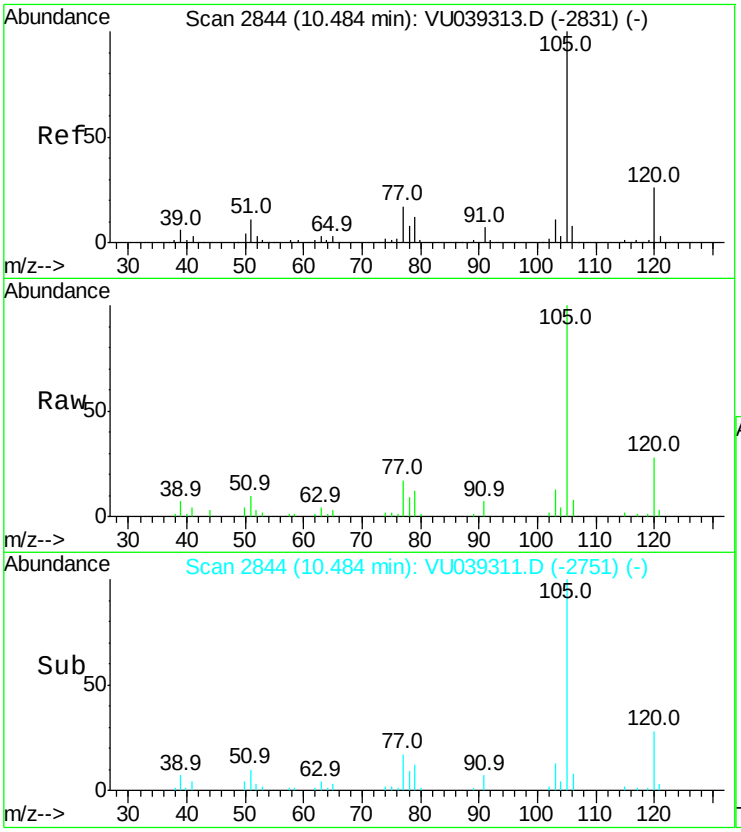


#55
Styrene
Concen: 0.494 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:104 Resp: 14689

Ion	Ratio	Lower	Upper
104	100		
78	45.7	33.1	61.5



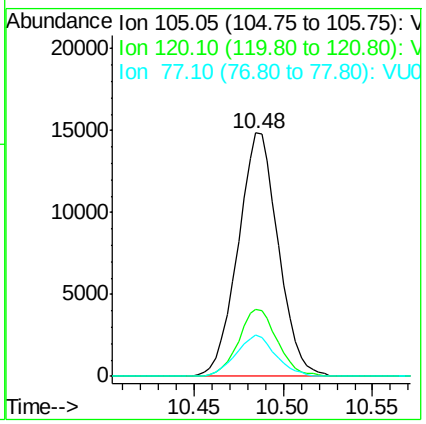


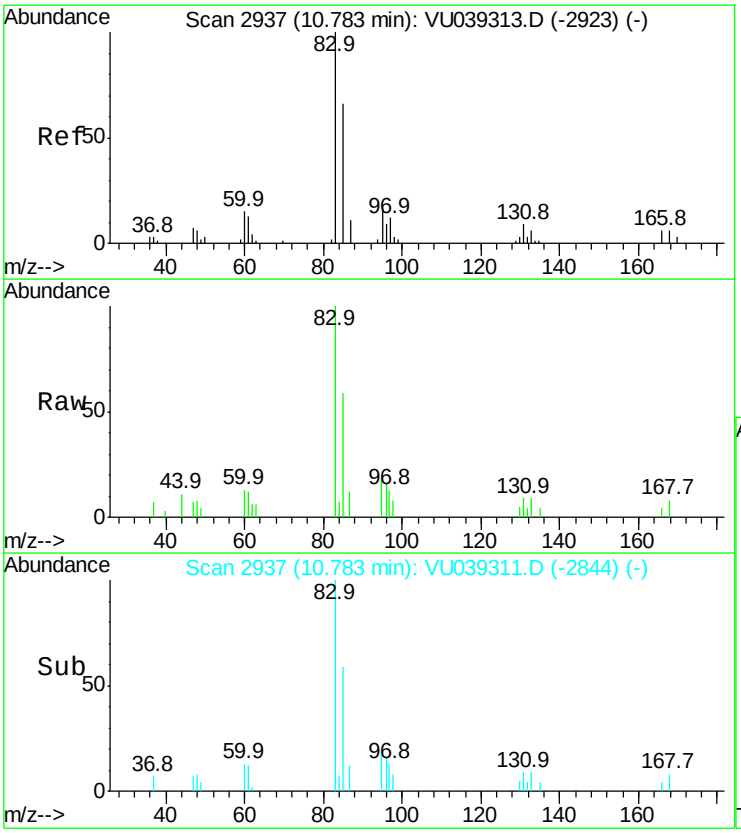
#56
Isopropylbenzene
Concen: 0.509 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion:105 Resp: 23438

Ion	Ratio	Lower	Upper
105	100		
120	26.5	20.7	31.1
77	16.6	13.9	20.9

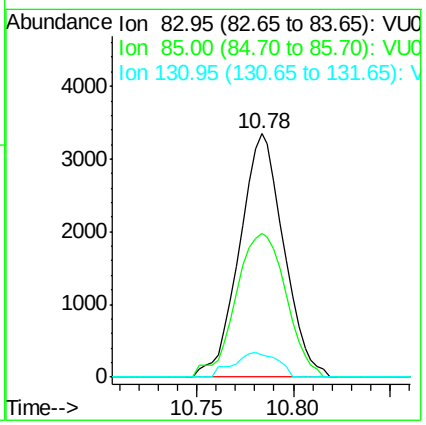


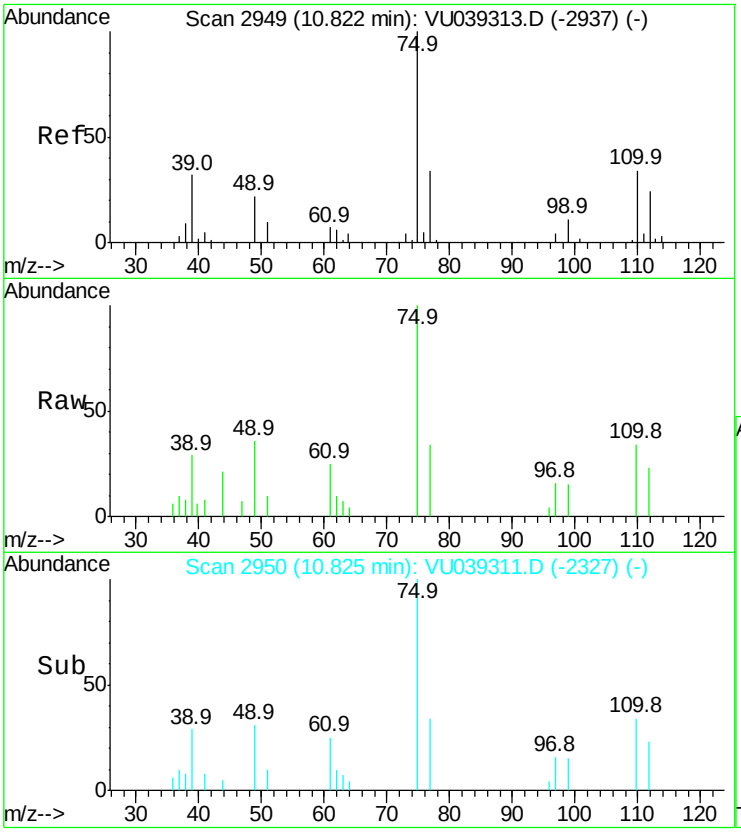


#58
1,1,2,2-Tetrachloroethane
Concen: 0.482 ug/L
RT: 10.78 min Scan# 2937
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 83 Resp: 5312

Ion	Ratio	Lower	Upper
83	100		
85	59.1	46.1	85.7
131	9.3	7.4	11.0



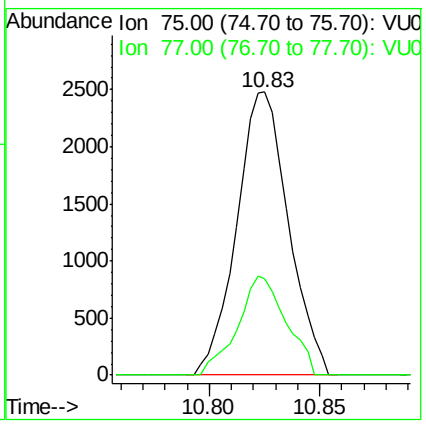


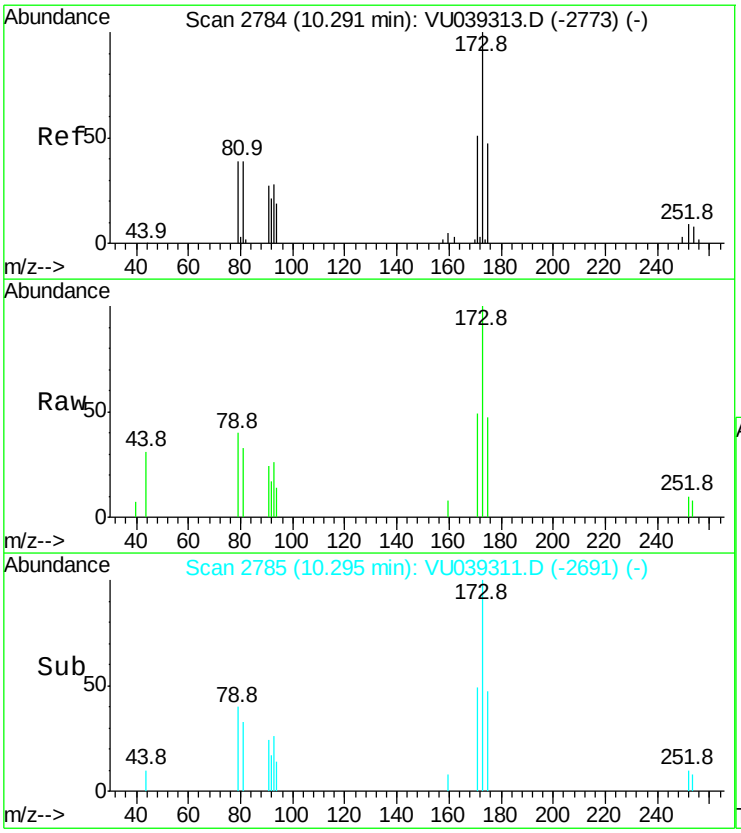
#59
1,2,3-Trichloropropane
Concen: 0.514 ug/L
RT: 10.83 min Scan# 2950
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion: 75 Resp: 4049

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.8	40.2

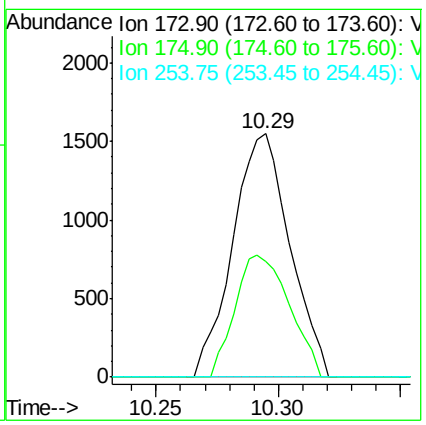


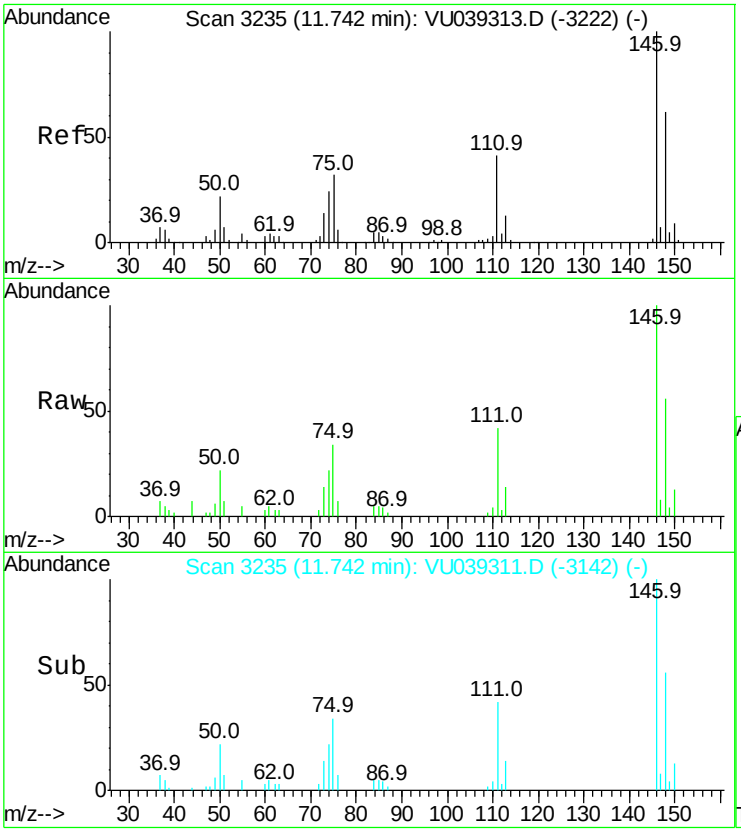


#61
Bromoform
Concen: 0.426 ug/L
RT: 10.29 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:173 Resp: 2510

Ion	Ratio	Lower	Upper
173	100		
175	47.6	37.5	56.3
254	0.0	6.7	10.1#



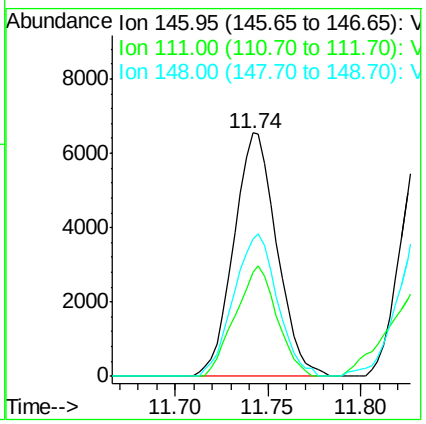


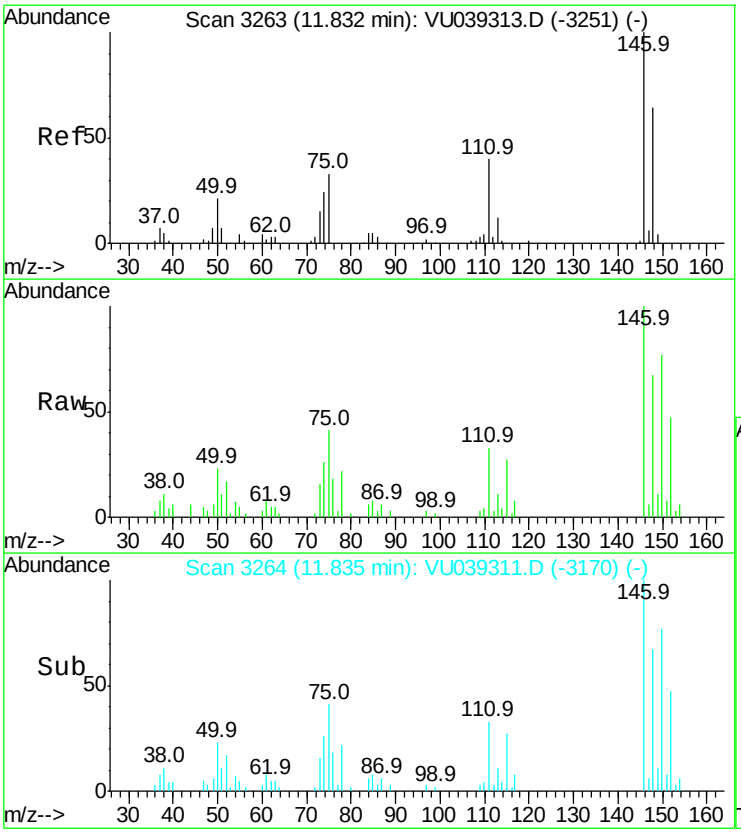
#62
1,3-Dichlorobenzene
Concen: 0.508 ug/L
RT: 11.74 min Scan# 3235
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:146 Resp: 10550

Ion	Ratio	Lower	Upper
146	100		
111	42.5	29.0	53.8
148	56.3	43.5	80.9

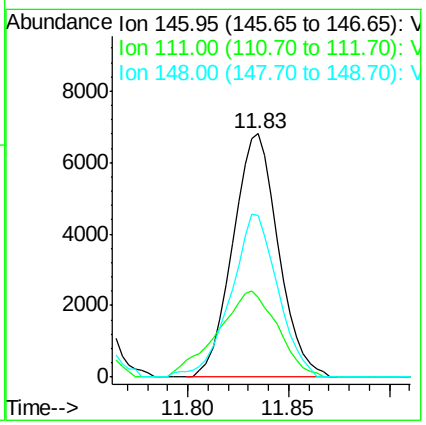


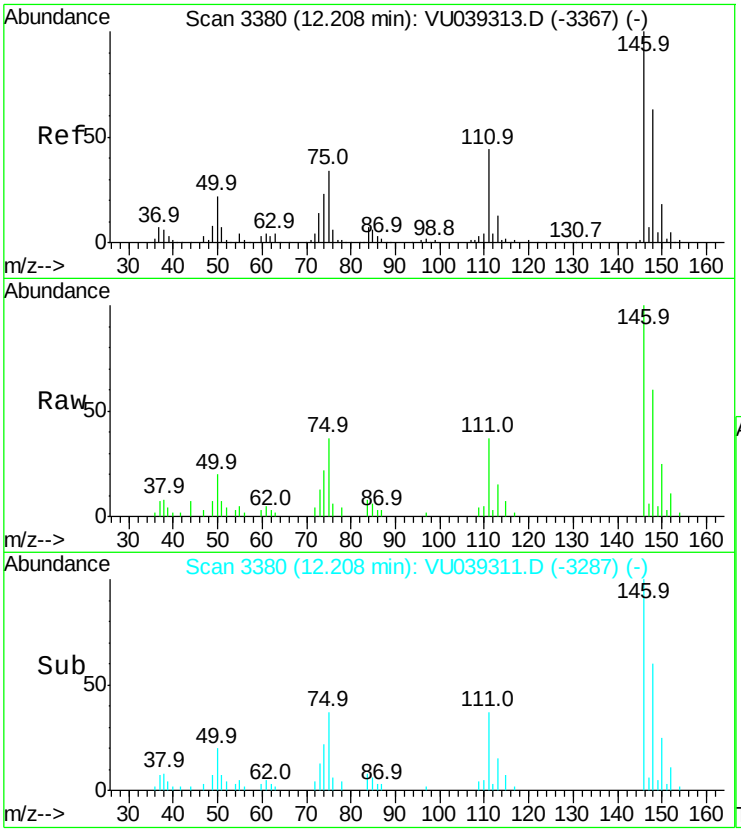


#63
1,4-Dichlorobenzene
Concen: 0.527 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:146 Resp: 10762

Ion	Ratio	Lower	Upper
146	100		
111	32.6	28.6	53.0
148	66.6	45.0	83.6



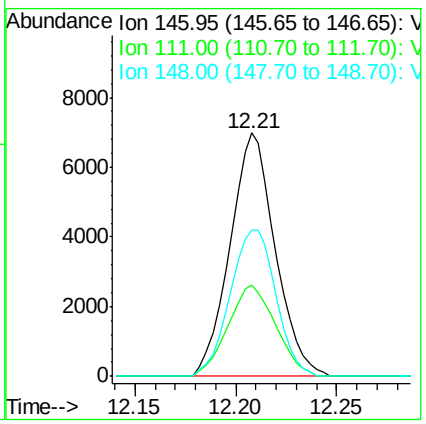


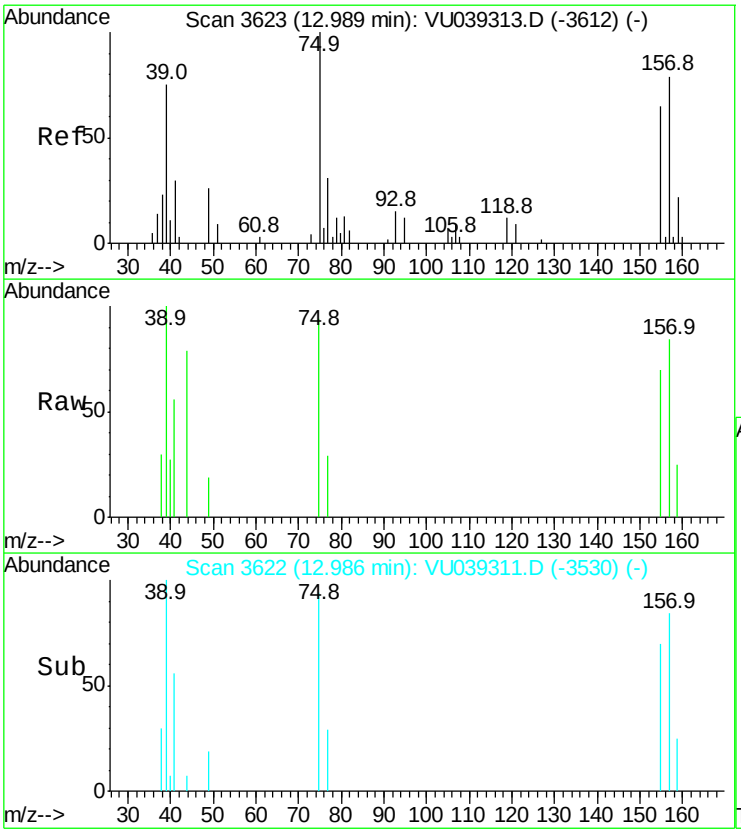
#65
1,2-Dichlorobenzene
Concen: 0.537 ug/L
RT: 12.21 min Scan# 3380
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:146 Resp: 10928

Ion	Ratio	Lower	Upper
146	100		
111	37.3	35.0	52.4
148	60.2	50.6	75.8

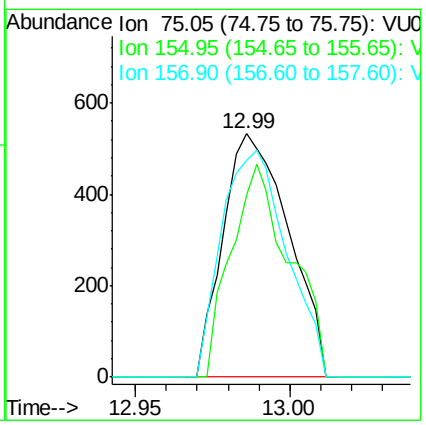


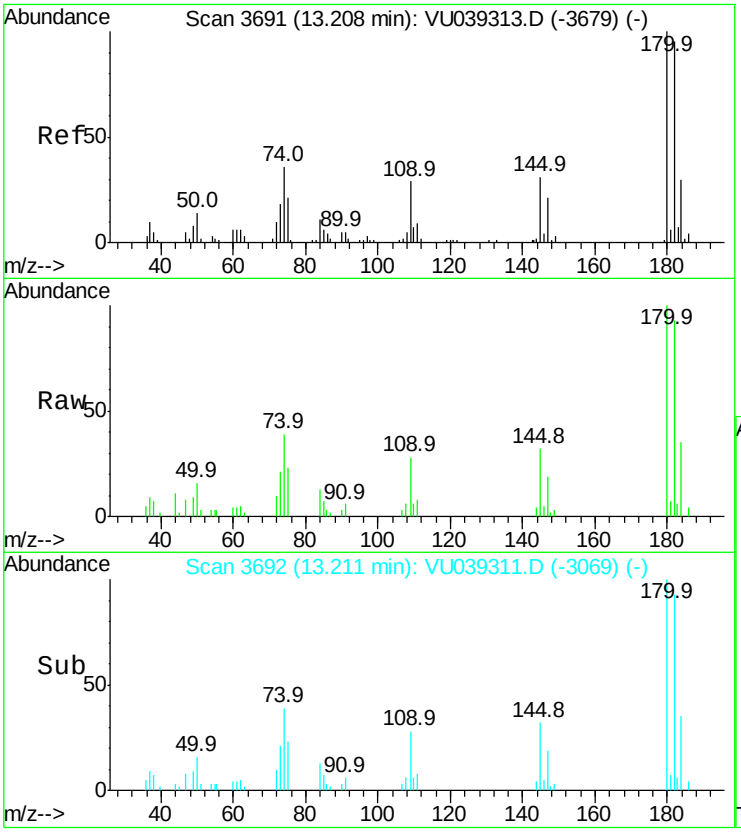


#66
1,2-Dibromo-3-chloropropane
Concen: 0.388 ug/L
RT: 12.99 min Scan# 3622
Delta R.T. -0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion: 75 Resp: 787

Ion	Ratio	Lower	Upper
75	100		
155	74.7	51.9	77.9
157	89.1	63.2	94.8



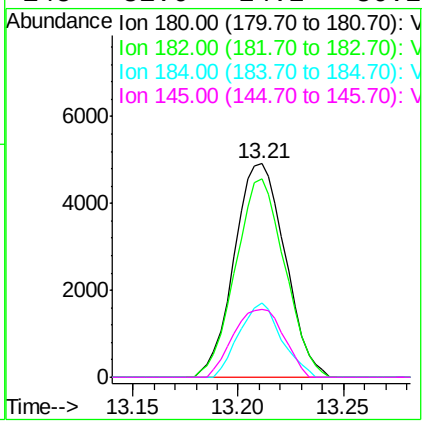


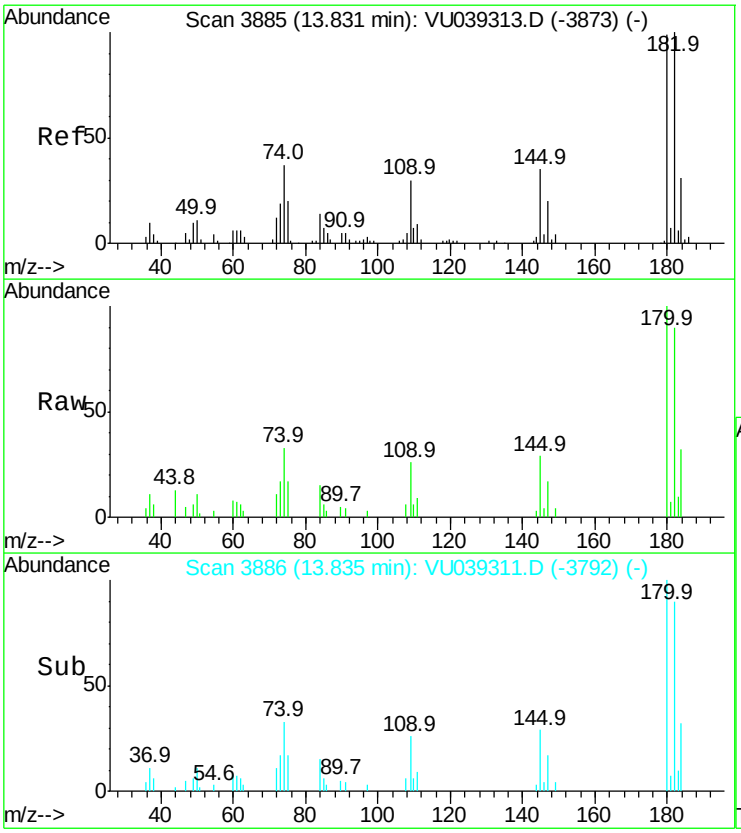
#67
1,3,5-Trichlorobenzene
Concen: 0.540 ug/L
RT: 13.21 min Scan# 3692
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.505

Tgt Ion:180 Resp: 8240

Ion	Ratio	Lower	Upper
180	100		
182	89.9	76.2	114.4
184	28.9	24.2	36.4
145	31.6	24.2	36.2

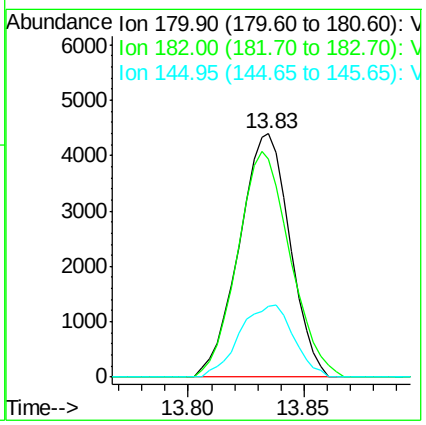


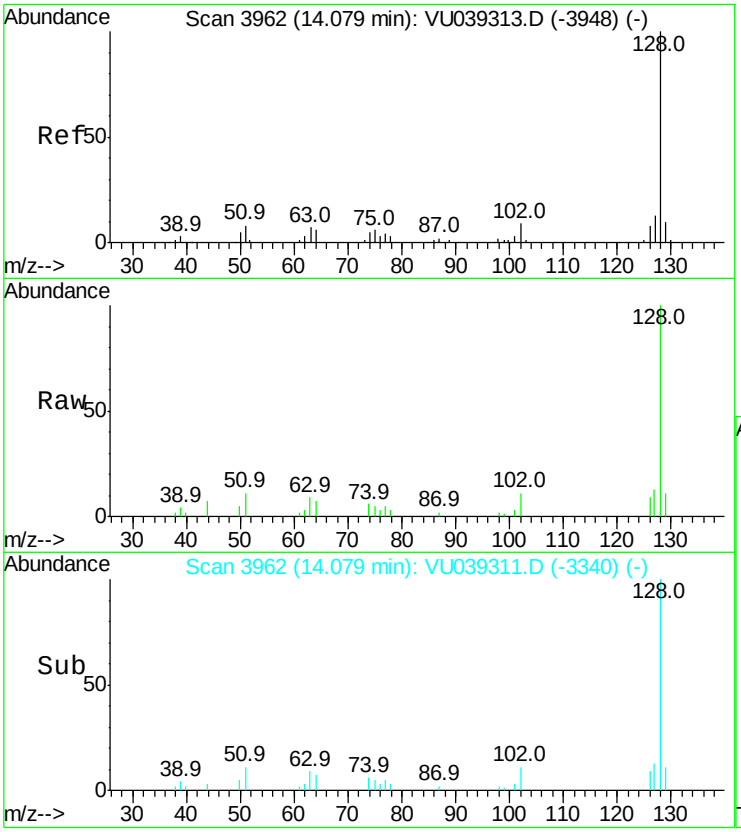


#68
1,2,4-trichlorobenzene
Concen: 0.504 ug/L
RT: 13.83 min Scan# 3886
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:180 Resp: 6654

Ion	Ratio	Lower	Upper
180	100		
182	96.2	79.4	119.2
145	31.4	26.4	39.6



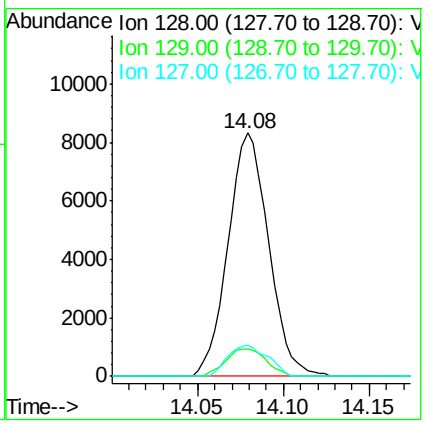


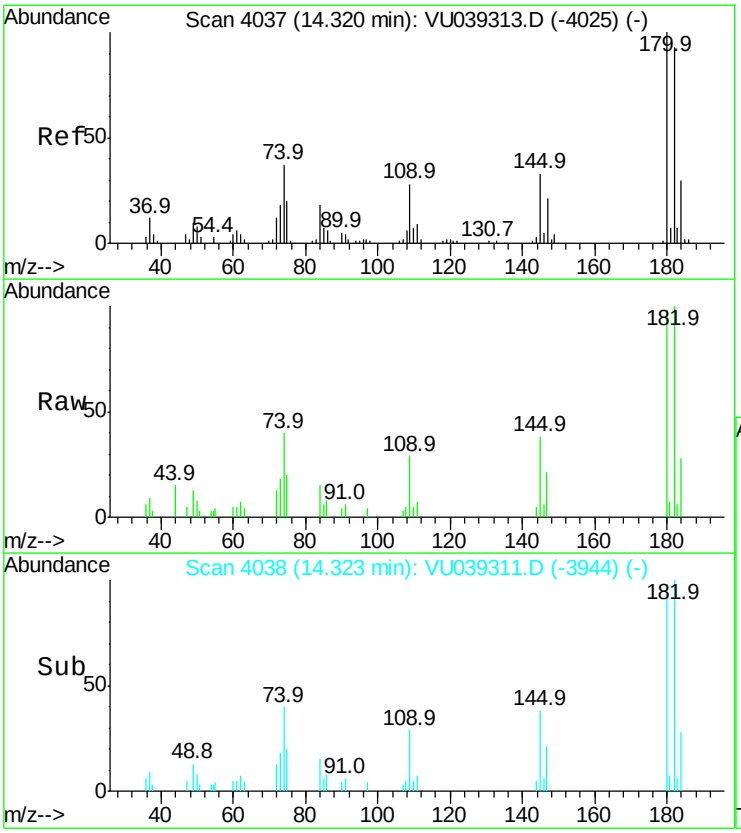
#69
Naphthalene
Concen: 0.539 ug/L
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Instrument : MSVOA_U
ClientSampleId : VSTD0.505

Tgt Ion:128 Resp: 13652

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	12.7	10.4	15.6





#70
1,2,3-Trichlorobenzene
Concen: 0.511 ug/L
RT: 14.32 min Scan# 4038
Delta R.T. 0.00 min
Lab File: VU039311.D
Acq: 07 Jul 2020 13:03

Tgt Ion:180 Resp: 6148

Ion	Ratio	Lower	Upper
180	100		
182	97.8	74.2	111.2
145	35.9	27.6	41.4