Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032820\

Quantitation Report (Not Reviewed)

Data File : VU037410.D
Acq On : 28 Mar 2020 10:26
Operator : JC/MD
Sample : VSTD0.501
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Quant Time: Mar 28 12:28:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 28 11:41:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	125208	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.44	117	119493	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	63832	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	5318	0.64	ug/L		0.00
7) Chloroethane-d5	1.93	69	5897	0.86	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.59	63	9407	0.58	ug/L		0.00
20) 2-Butanone-d5	4.68	46	13469	6.84	ug/L		0.00
24) Chloroform-d	5.10	84	10098	0.60	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.74	65	5774	0.59	ug/L		0.00
32) Benzene-d6	5.76	84	19306	0.67	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.73	67	6654	0.73	ug/L		0.00
41) Toluene-d8	7.92	98	18473	0.64	ug/L		0.00
43) trans-1,3-Dichloropropene-	8.21	79	3213	0.77	ug/L		0.00
46) 2-Hexanone-d5	8.66	63	11510	7.38	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	5958	0.78	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	7237	0.62	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	5575	0.401	ug/L		91
3) Chloromethane	1.53	50	4971	0.355	ug/L		96
5) Vinyl chloride	1.62	62	5029	0.405	ug/L		100
6) Bromomethane	1.87	94	3288	0.661	ug/L		98
8) Chloroethane	1.95	64	3388	0.493	ug/L		82
9) Trichlorofluoromethane	2.16	101	6628	0.352	ug/L		95
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4167	0.477	ug/L		94
12) 1,1-Dichloroethene	2.60	96	4456	0.551	ug/L		93
13) Acetone	2.68	43	8222	5.946	ug/L		71
14) Carbon disulfide	2.82	76	14919	0.535	ug/L		96
15) Methyl Acetate	2.98	43	2769	0.759	ug/L	#	76
16) Methylene chloride	3.08	84	5461	0.611	ug/L		98
17) Methyl tert-butyl Ether	3.40	73	11752	0.549	ug/L	#	91
18) trans-1,2-Dichloroethene	3.39	96	4140	0.481	ug/L		94
19) 1,1-Dichloroethane	3.91	63	8518	0.516	ug/L		97
21) 2-Butanone	4.76	43	12466	5.323	ug/L		97
22) cis-1,2-Dichloroethene	4.71	96	5101	0.544	ug/L	#	83
23) Bromochloromethane	5.02	128	2401	0.557	ug/L	#	85
25) Chloroform	5.13	83	9709	0.528	ug/L		87
27) 1,2-Dichloroethane	5.83	62	6206	0.496	ug/L	#	92
29) 1,1,1-Trichloroethane	5.36	97	7731	0.484	ug/L		92
30) Cyclohexane	5.42	56	8119	0.598	ug/L	#	94
31) Carbon tetrachloride	5.56	117	6768	0.489	ug/L		96
33) Benzene	5.81	78	18392	0.539	ug/L		100
34) Trichloroethene	6.57	95	5803	0.618	ug/L		93
35) Methylcyclohexane	6.79	83	9108	0.655	ug/L		92
37) 1,2-Dichloropropane	6.83	63	4821	0.539	ug/L		100
38) Bromodichloromethane	7.13	83	6464	0.527	ug/L		93
39) cis-1,3-Dichloropropene	7.63	75	7604	0.574	ug/L		87
40) 4-Methyl-2-pentanone	7.82	43	32973	5.878	ug/L		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032820\

Quantitation Report (Not Reviewed)

Data File : VU037410.D
Acq On : 28 Mar 2020 10:26
Operator : JC/MD
Sample : VSTD0.501
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Quant Time: Mar 28 12:28:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 28 11:41:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	8.00	91	20073	0.543	ug/L		98
44) trans-1,3-Dichloropropene	8.24	75	6985	0.577	ug/L	#	80
45) 1,1,2-Trichloroethane	8.43	97	3965	0.616	ug/L		88
47) Tetrachloroethene	8.58	164	3436	0.453	ug/L		87
48) 2-Hexanone	8.71	43	23708	5.932	ug/L		97
49) Dibromochloromethane	8.84	129	4330	0.515	ug/L		97
50) 1,2-Dibromoethane	8.95	107	3566	0.565	ug/L	#	88
51) Chlorobenzene	9.47	112	16690	0.697	ug/L		98
52) Ethylbenzene	9.59	91	23385	0.567	ug/L		98
53) m,p-Xylene	9.71	106	8583	0.570	ug/L		95
54) o-Xylene	10.12	106	8437	0.574	ug/L		92
55) Styrene	10.13	104	14594	0.596	ug/L		97
56) Isopropylbenzene	10.50	105	22409	0.553	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.80	83	4583	0.567	ug/L		84
59) 1,2,3-Trichloropropane	10.84	75	3585	0.598	ug/L		98
61) Bromoform	10.31	173	2696	0.503	ug/L	#	88
62) 1,3-Dichlorobenzene	11.76	146	10991	0.541	ug/L		96
63) 1,4-Dichlorobenzene	11.85	146	13188	0.643	ug/L		94
65) 1,2-Dichlorobenzene	12.23	146	11059	0.567	ug/L		94
66) 1,2-Dibromo-3-chloropropan	13.02	75	783	0.522	ug/L	#	90
67) 1,3,5-Trichlorobenzene	13.24	180	8619	0.573	ug/L		98
68) 1,2,4-trichlorobenzene	13.87	180	8592	0.780	ug/L		97
69) Naphthalene	14.12	128	15983	1.057	ug/L		97
70) 1,2,3-Trichlorobenzene	14.37	180	7535	0.723	ug/L		90

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

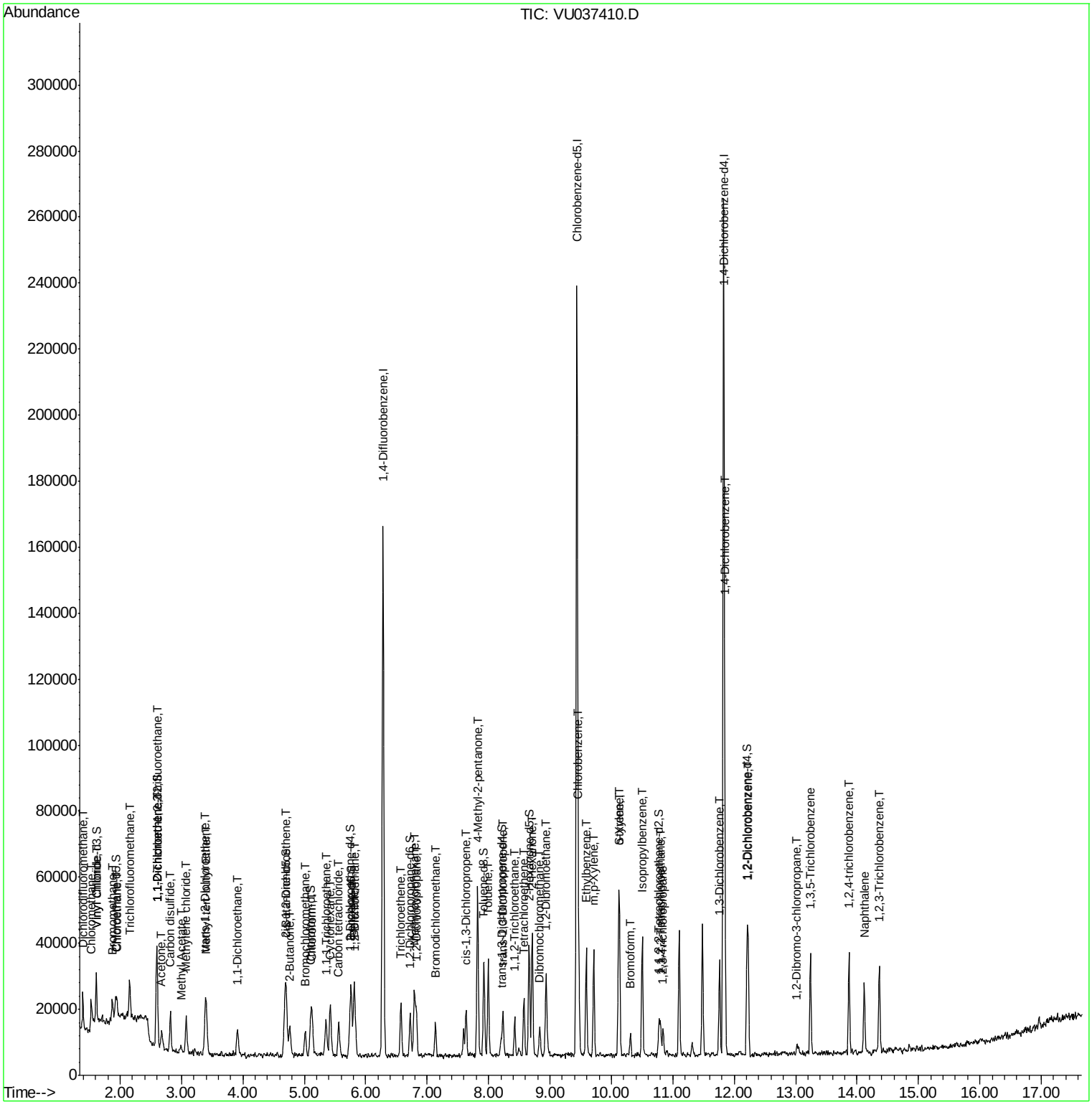
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032820\

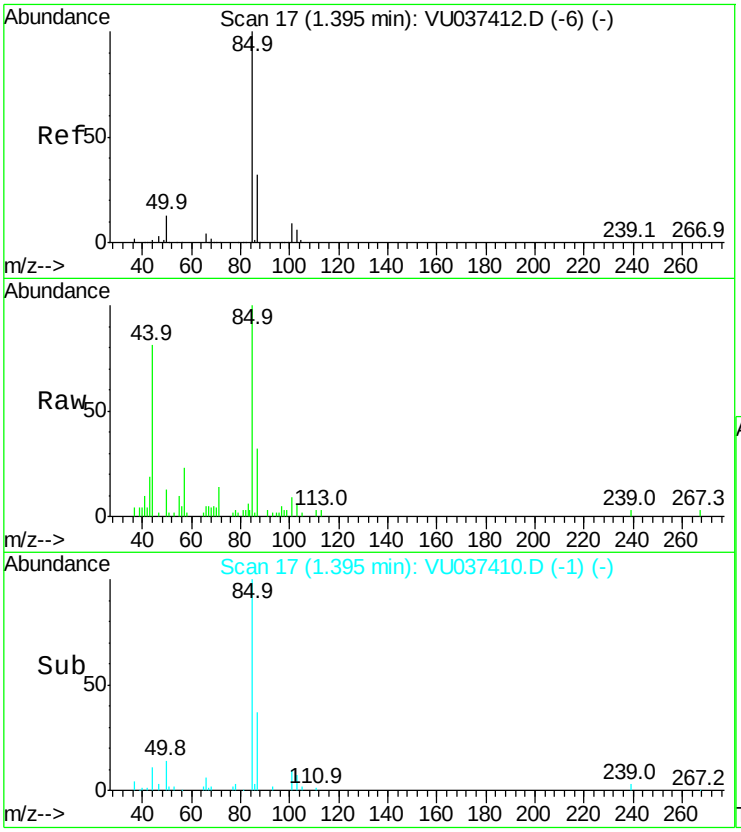
Quantitation Report (Not Reviewed)

Data File : VU037410.D
Acq On : 28 Mar 2020 10:26
Operator : JC/MD
Sample : VSTD0.501
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Quant Time: Mar 28 12:28:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 28 11:41:38 2020
Response via : Initial Calibration



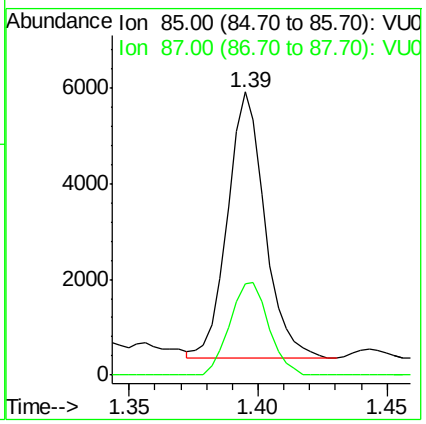


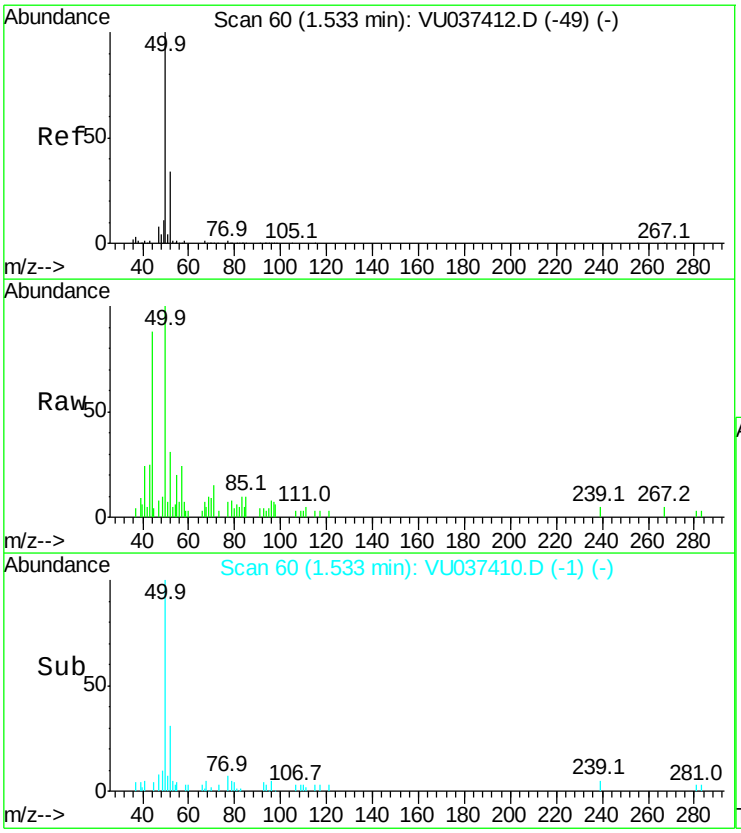
#2
Dichlorodifluoromethane
Concen: 0.401 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion: 85 Resp: 5575

Ion	Ratio	Lower	Upper
85	100		
87	36.2	24.9	37.3

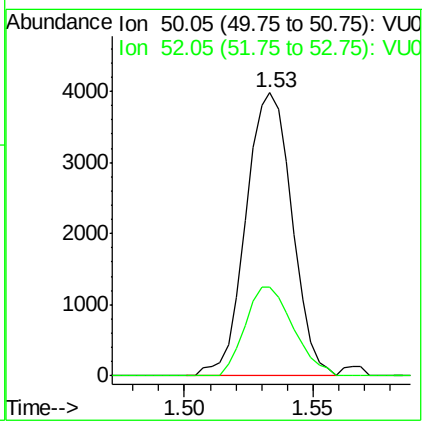


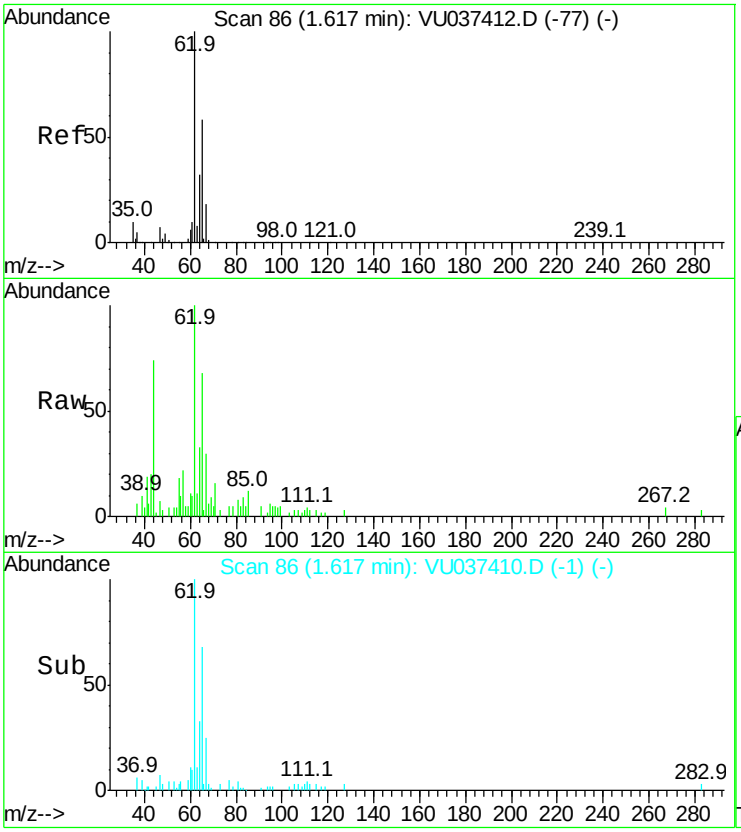


#3
Chloromethane
Concen: 0.355 ug/L
RT: 1.53 min Scan# 60
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 50 Resp: 4971

Ion	Ratio	Lower	Upper
50	100		
52	31.4	23.6	43.8



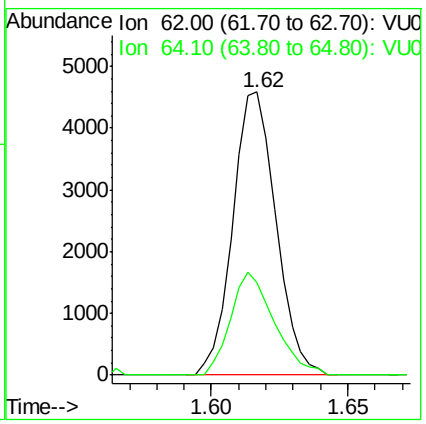


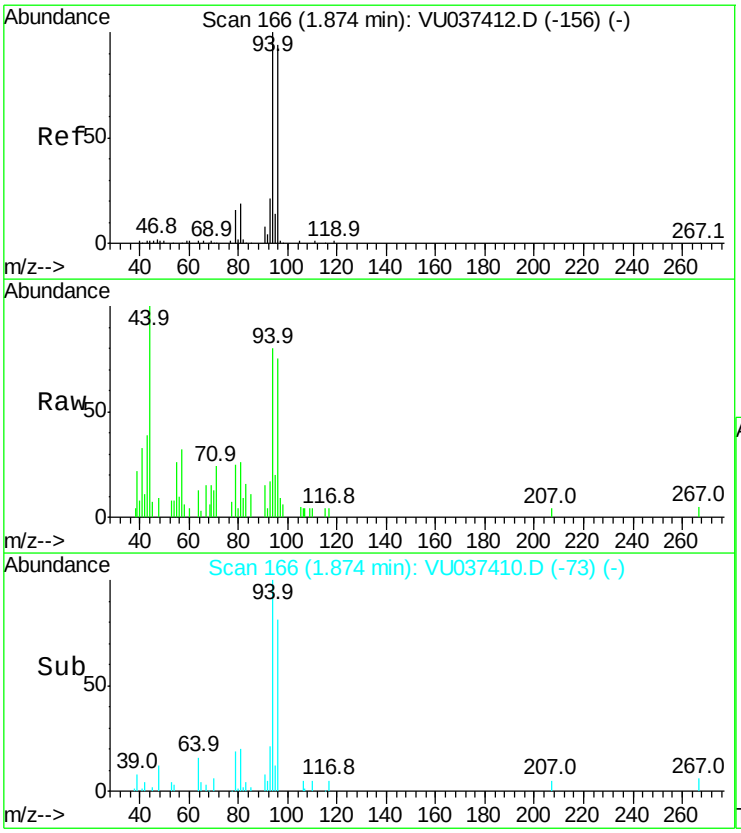
#5
Vinyl chloride
Concen: 0.405 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion: 62 Resp: 5029

Ion	Ratio	Lower	Upper
62	100		
64	32.9	22.9	42.5

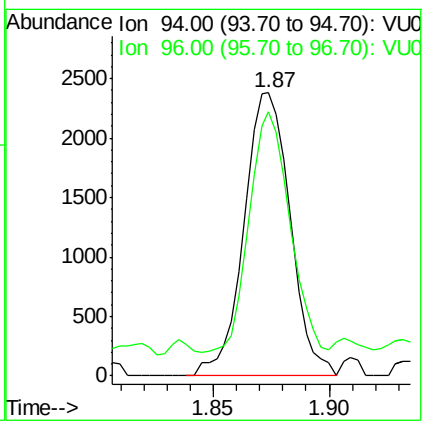


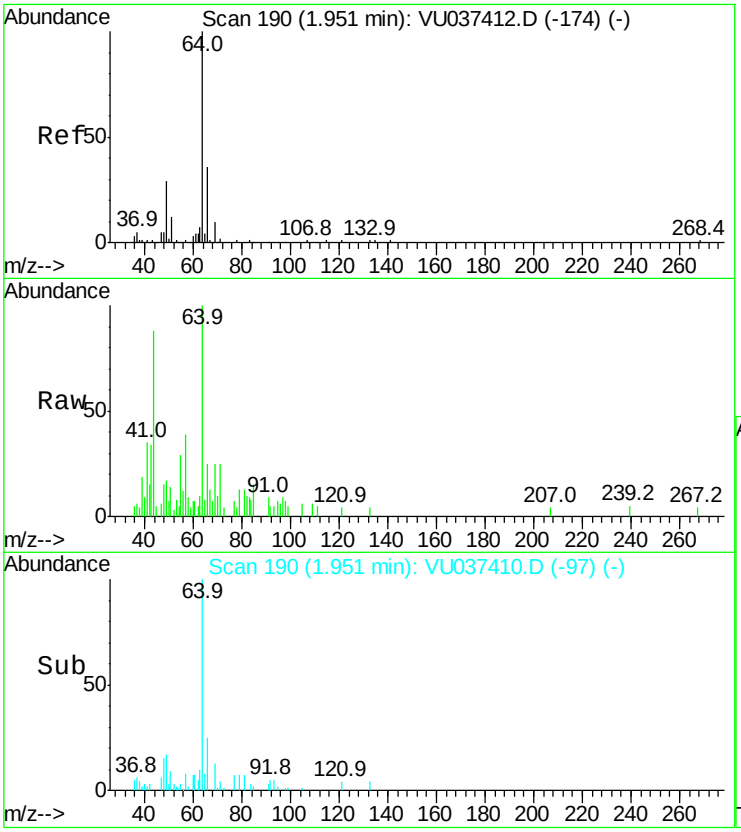


#6
Bromomethane
Concen: 0.661 ug/L
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 94 Resp: 3288

Ion	Ratio	Lower	Upper
94	100		
96	93.3	66.8	124.2



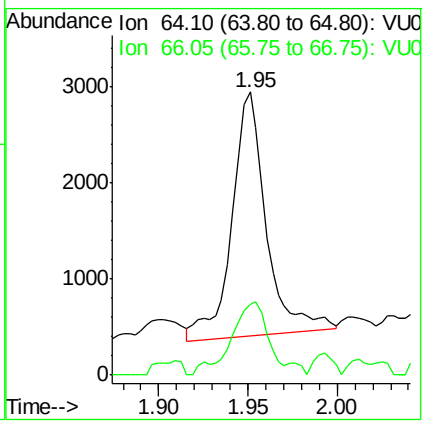


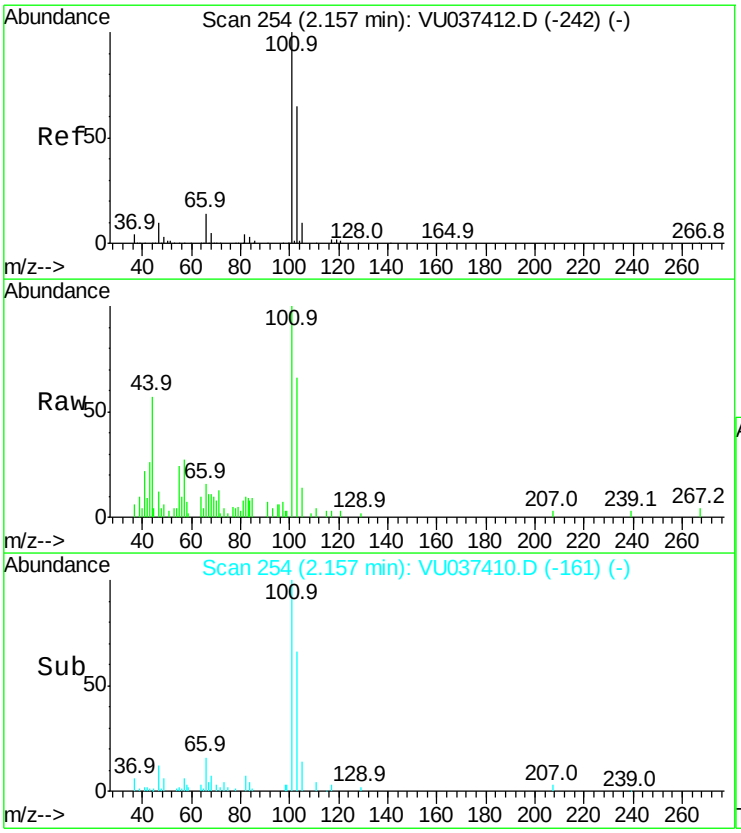
#8
Chloroethane
Concen: 0.493 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion: 64 Resp: 3388

Ion	Ratio	Lower	Upper
64	100		
66	25.1	24.8	46.0

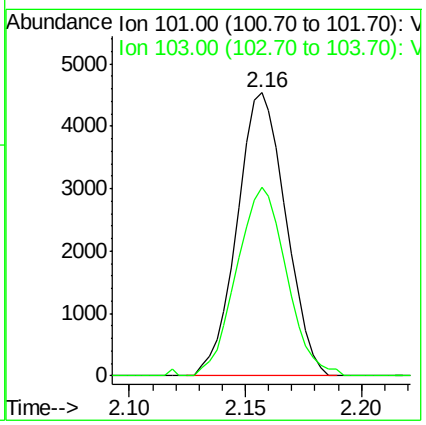


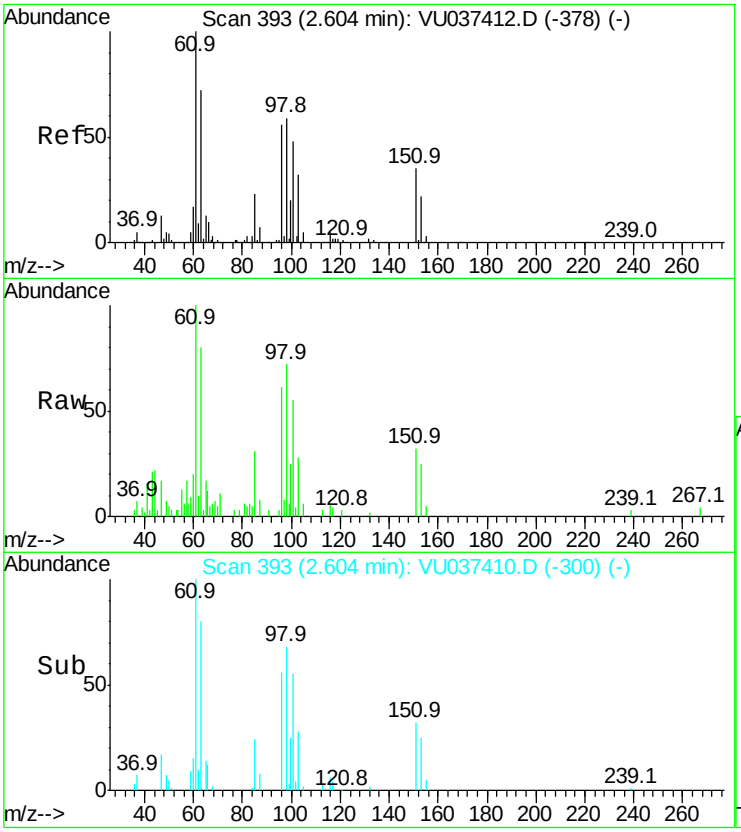


#9
Trichlorofluoromethane
Concen: 0.352 ug/L
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:101 Resp: 6628

Ion	Ratio	Lower	Upper
101	100		
103	68.3	51.8	77.6



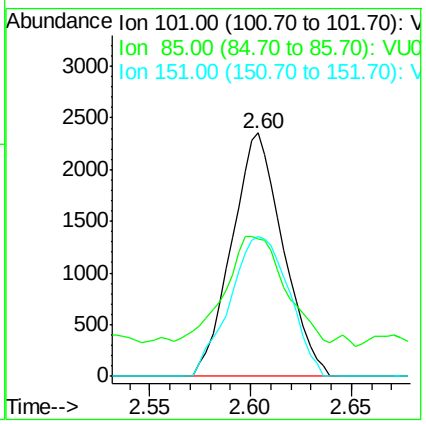


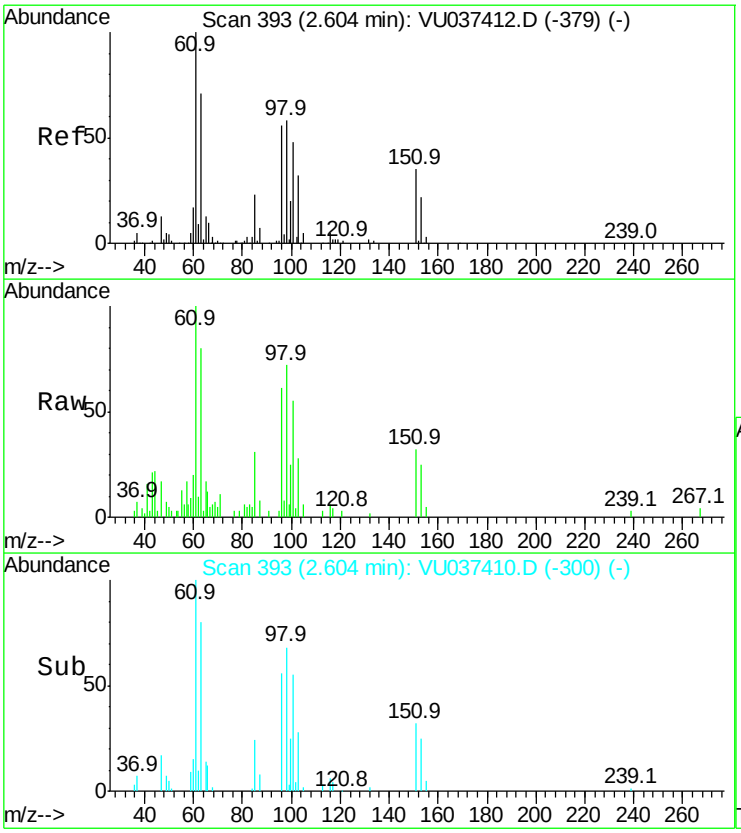
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.477 ug/L
RT: 2.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion:101 Resp: 4167

Ion	Ratio	Lower	Upper
101	100		
85	50.9	39.0	58.6
151	66.5	58.8	88.2

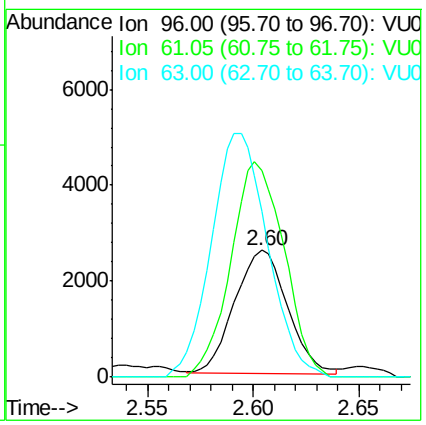


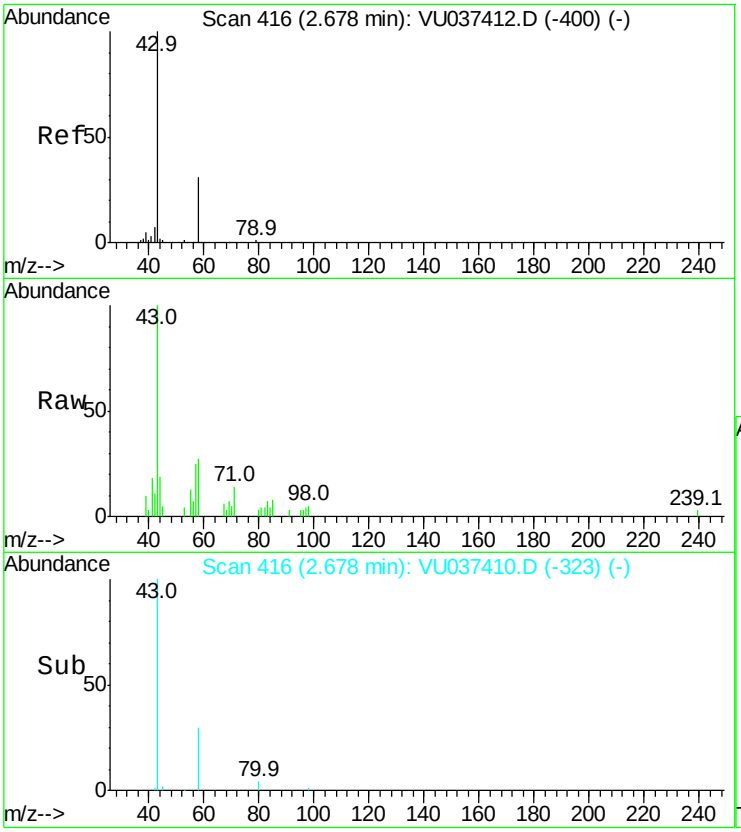


#12
1,1-Dichloroethene
Concen: 0.551 ug/L
RT: 2.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 96 Resp: 4456

Ion	Ratio	Lower	Upper
96	100		
61	162.7	125.4	232.8
63	130.7	90.9	168.7



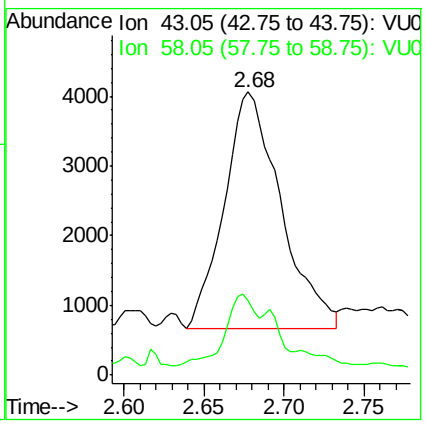


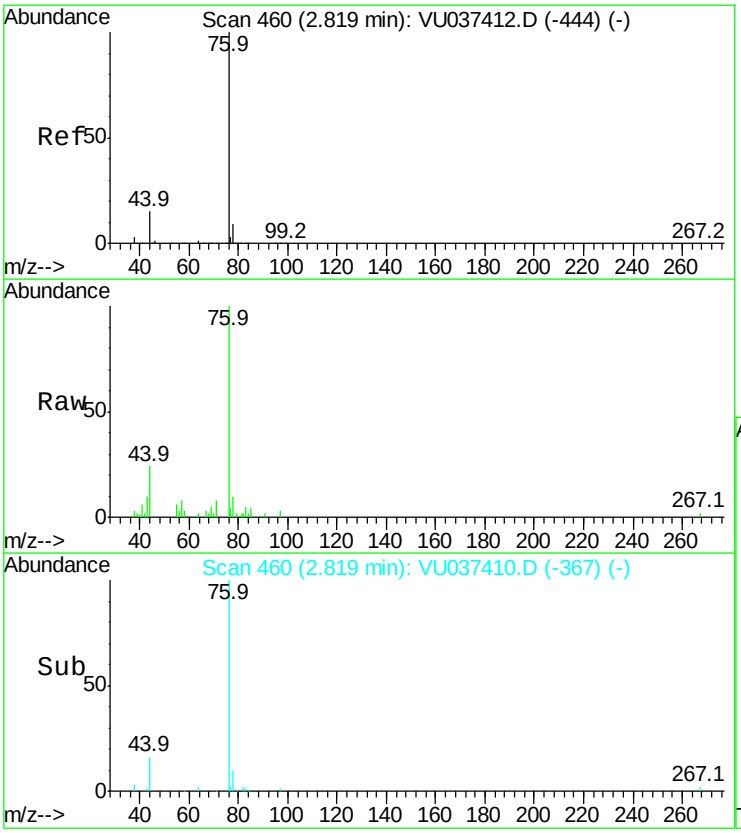
#13
Acetone
Concen: 5.946 ug/L
RT: 2.68 min Scan# 416
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion: 43 Resp: 8222

Ion	Ratio	Lower	Upper
43	100		
58	16.4	0.0	66.0

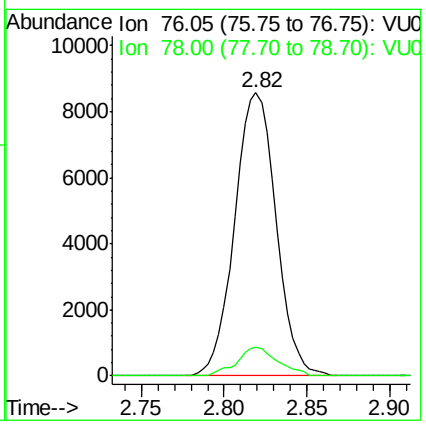


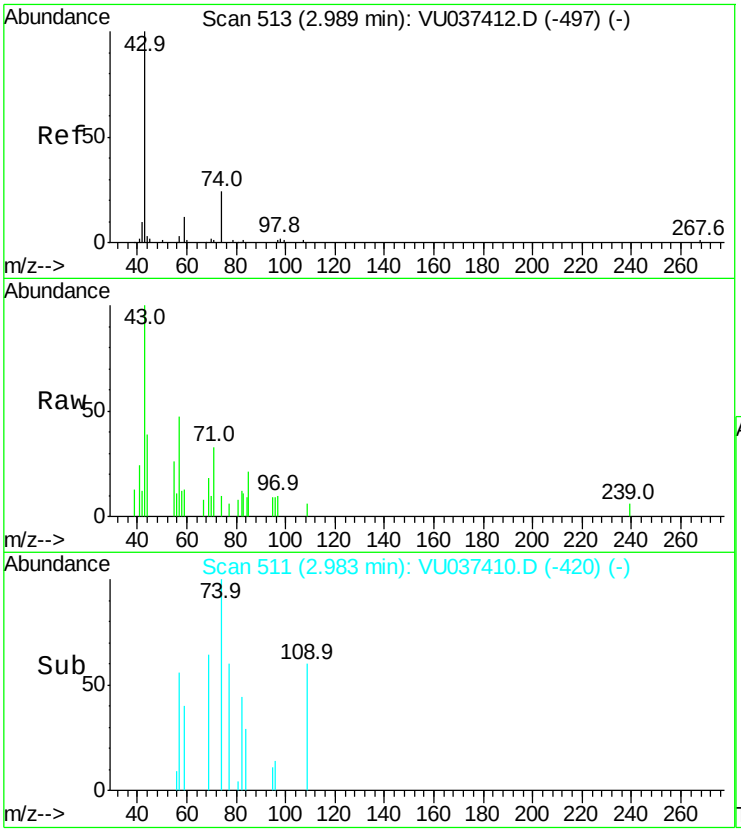


#14
Carbon disulfide
Concen: 0.535 ug/L
RT: 2.82 min Scan# 460
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 76 Resp: 14919

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.1	10.7



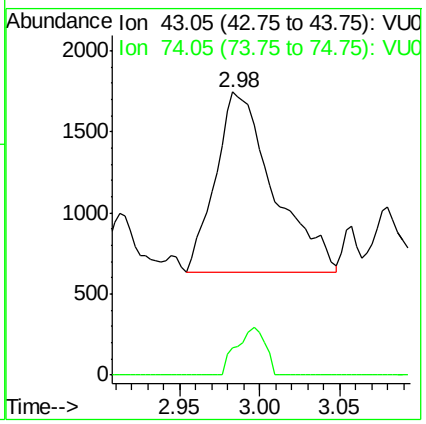


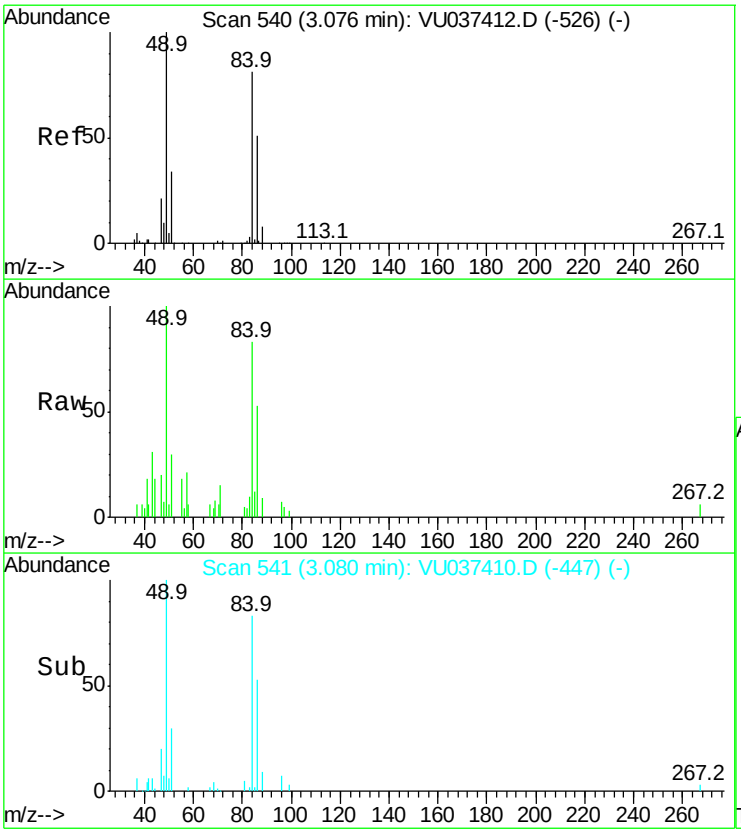
#15
Methyl Acetate
Concen: 0.759 ug/L
RT: 2.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion: 43 Resp: 2769

Ion	Ratio	Lower	Upper
43	100		
74	12.8	19.8	29.6#

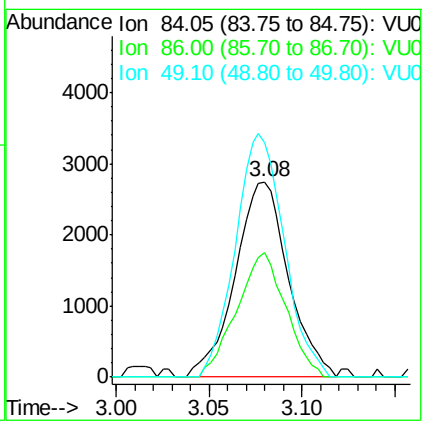


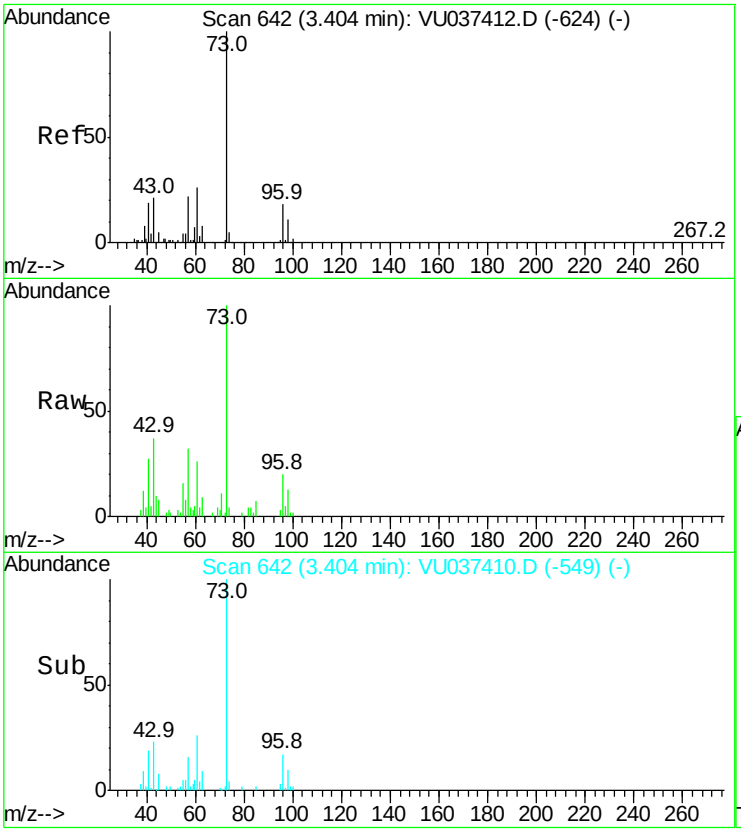


#16
Methylene chloride
Concen: 0.611 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 84 Resp: 5461

Ion	Ratio	Lower	Upper
84	100		
86	63.5	43.6	81.0
49	120.2	86.4	160.4



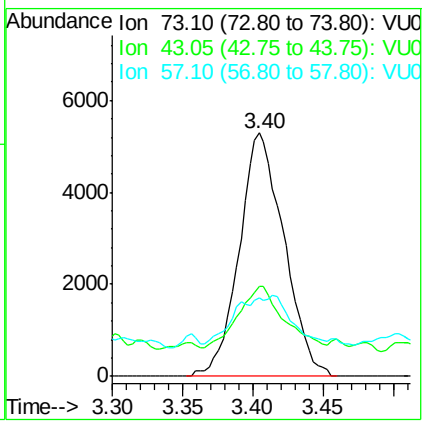


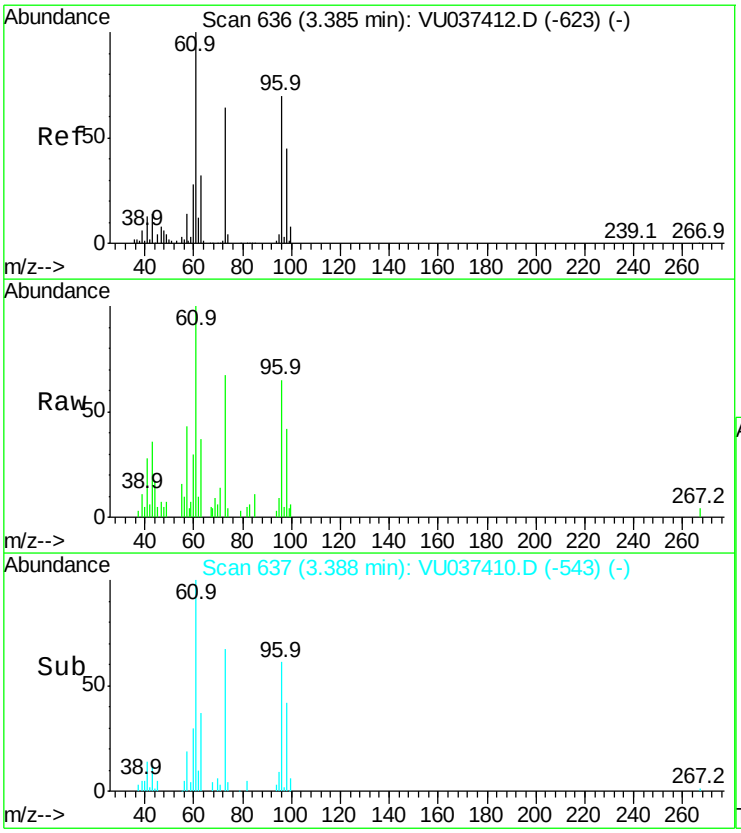
#17
Methyl tert-butyl Ether
Concen: 0.549 ug/L
RT: 3.40 min Scan# 642
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion: 73 Resp: 11752

Ion	Ratio	Lower	Upper
73	100		
43	25.7	17.4	26.2
57	16.8	17.3	25.9#

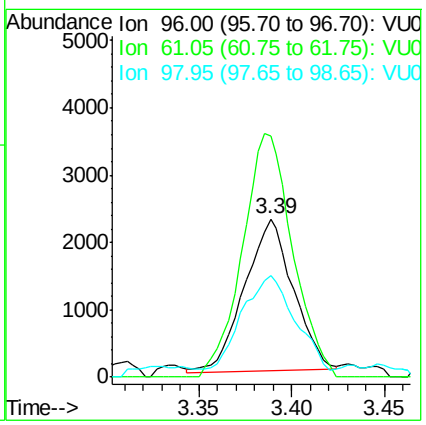


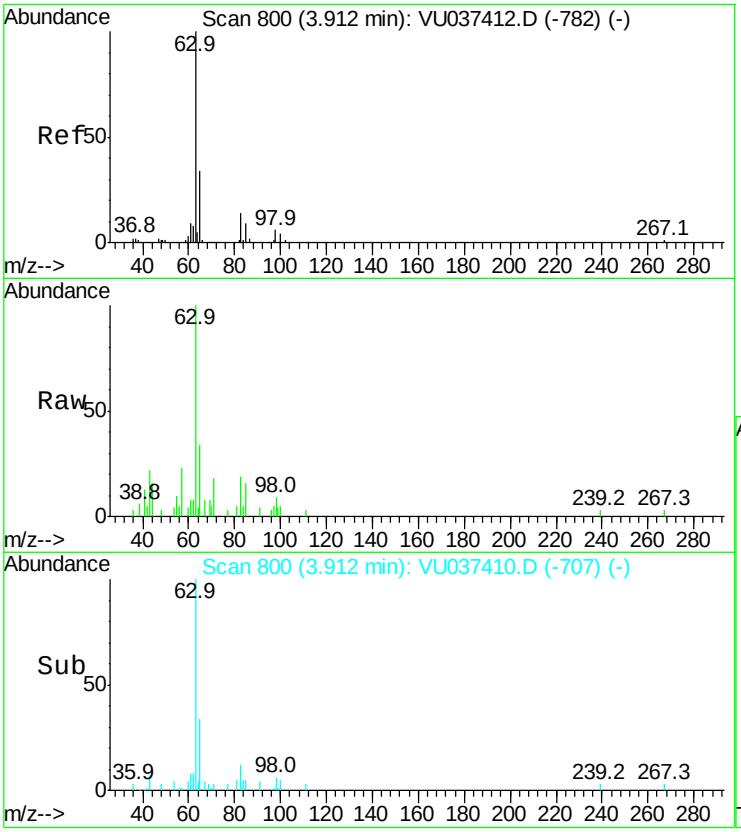


#18
trans-1,2-Dichloroethene
Concen: 0.481 ug/L
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 96 Resp: 4140

Ion	Ratio	Lower	Upper
96	100		
61	152.9	99.9	185.5
98	64.0	45.4	84.4



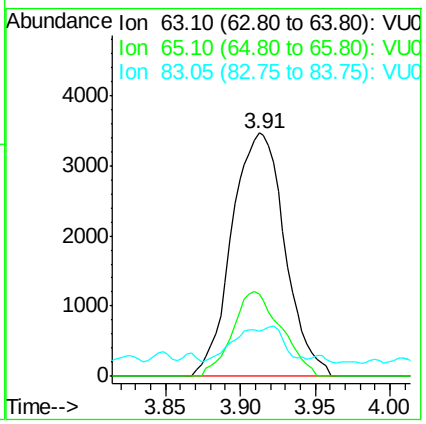


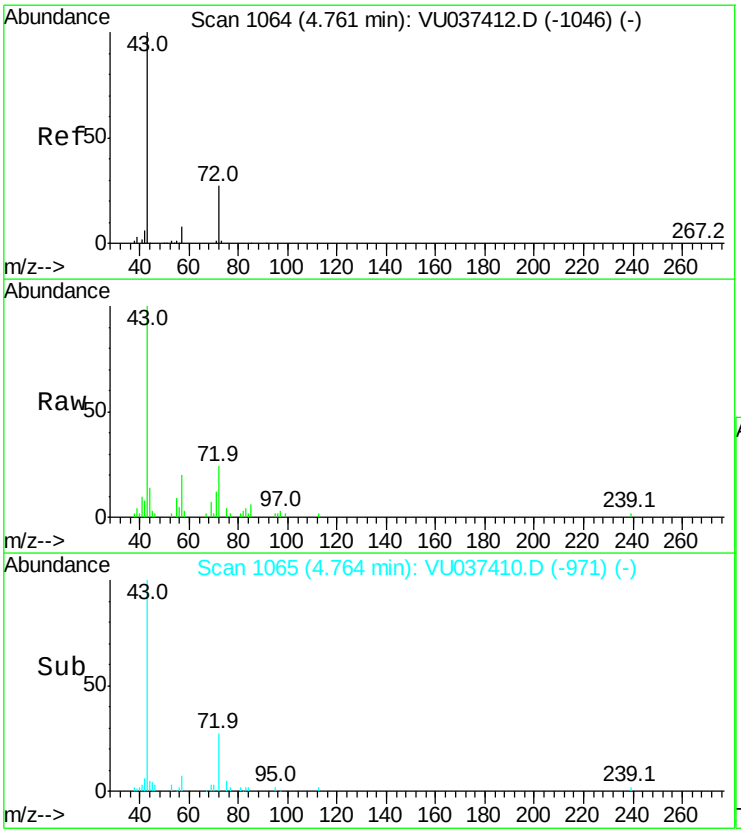
#19
1,1-Dichloroethane
Concen: 0.516 ug/L
RT: 3.91 min Scan# 800
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion: 63 Resp: 8518

Ion	Ratio	Lower	Upper
63	100		
65	34.1	23.7	43.9
83	18.7	10.6	19.6

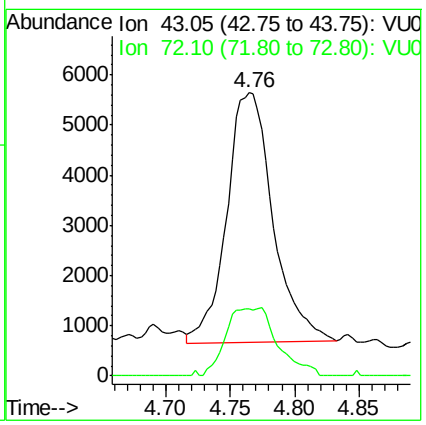


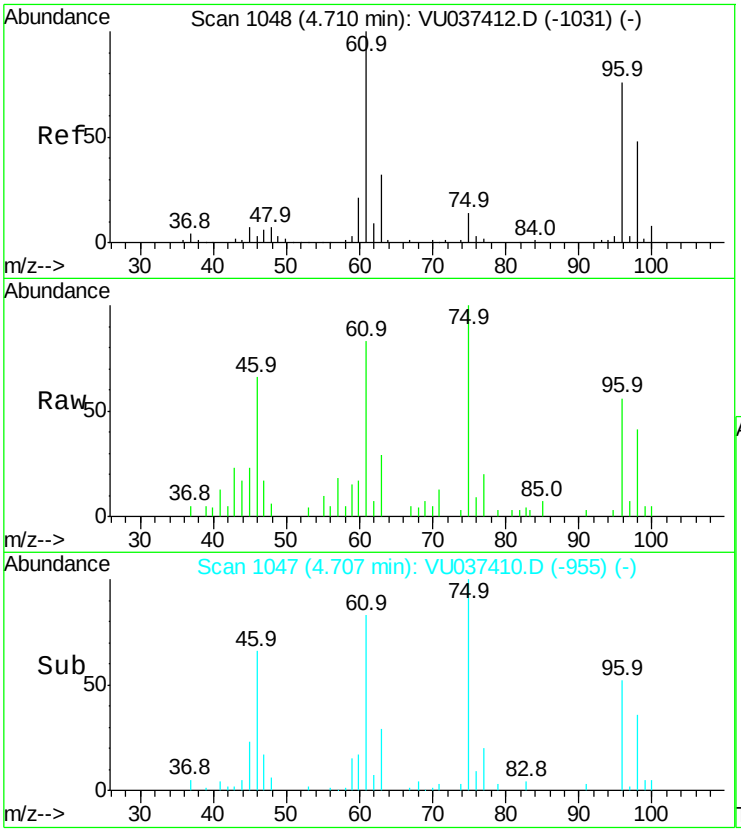


#21
2-Butanone
Concen: 5.323 ug/L
RT: 4.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 43 Resp: 12466

Ion	Ratio	Lower	Upper
43	100		
72	30.2	14.2	42.6



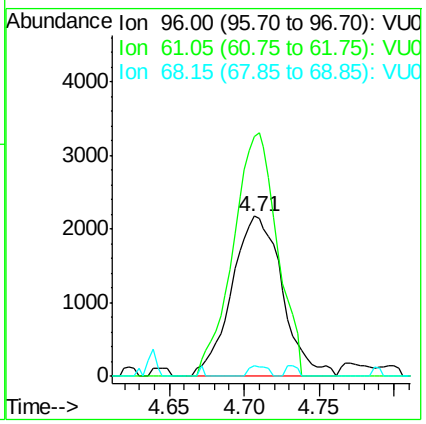


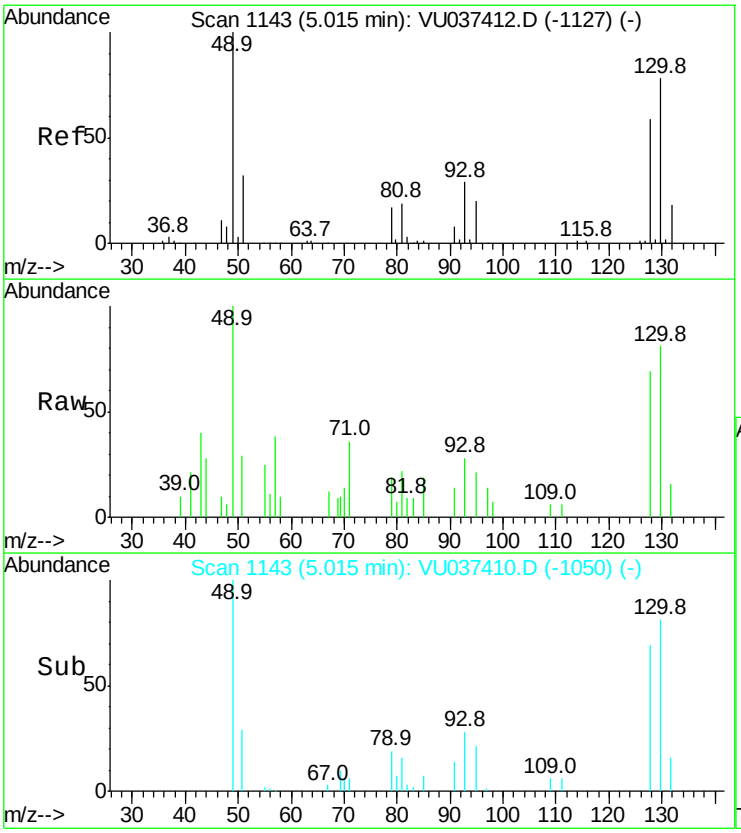
#22
cis-1,2-Dichloroethene
Concen: 0.544 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion: 96 Resp: 5101

Ion	Ratio	Lower	Upper
96	100		
61	150.2	91.6	170.2
68	6.6	0.0	0.0#

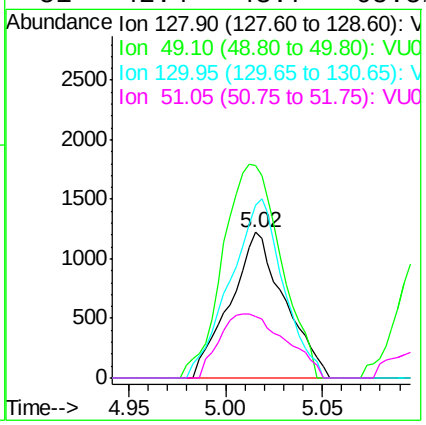


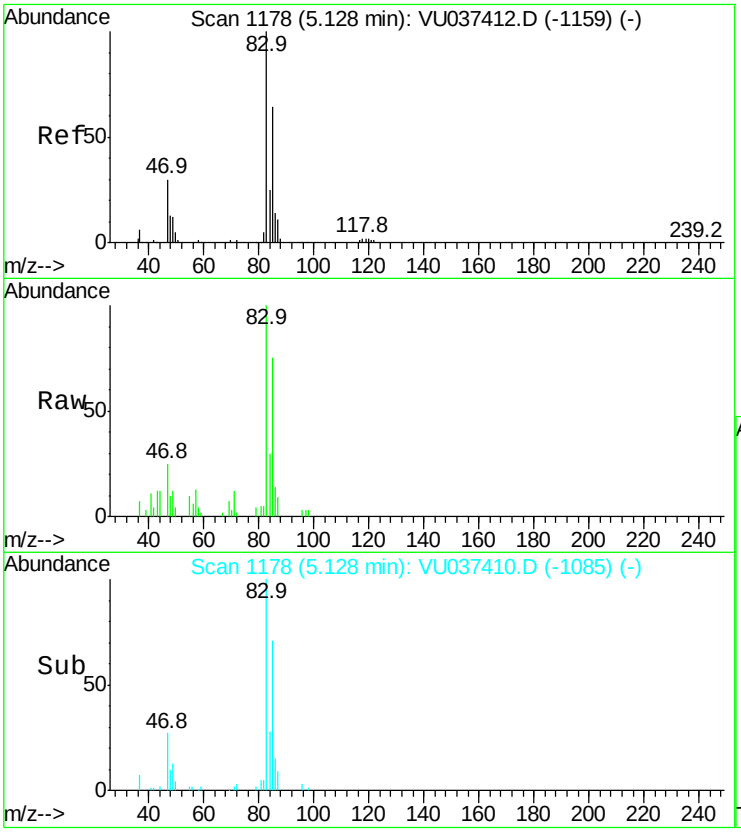


#23
Bromochloromethane
Concen: 0.557 ug/L
RT: 5.02 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:128 Resp: 2401

Ion	Ratio	Lower	Upper
128	100		
49	145.7	119.1	221.3
130	118.6	92.6	172.0
51	42.4	43.7	65.5#



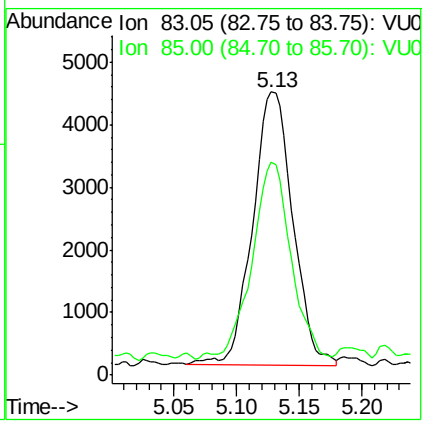


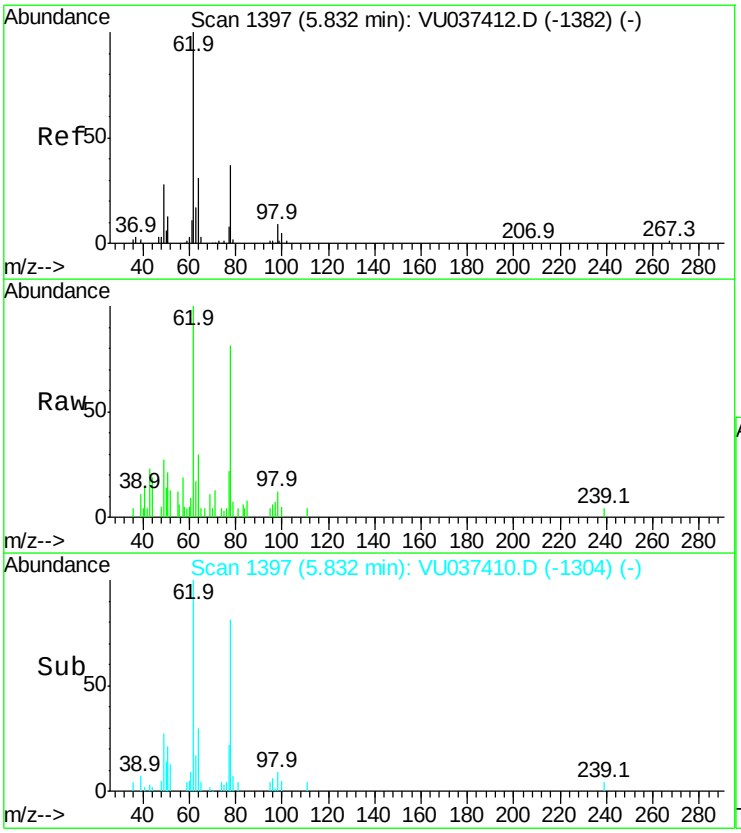
#25
Chloroform
Concen: 0.528 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion: 83 Resp: 9709

Ion	Ratio	Lower	Upper
83	100		
85	75.1	45.4	84.4

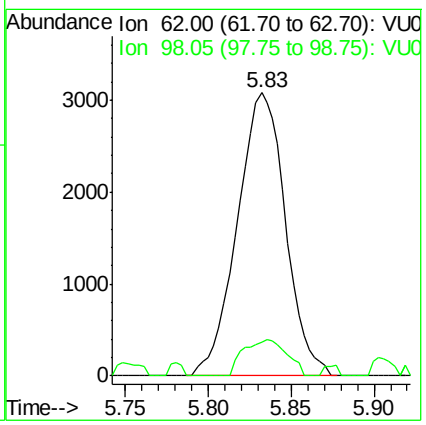


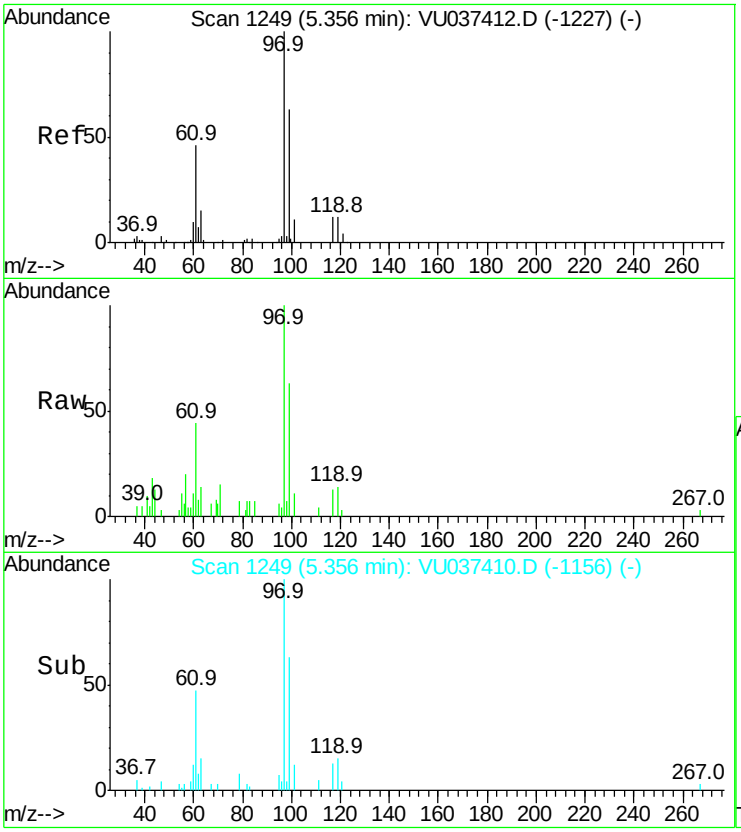


#27
1,2-Dichloroethane
Concen: 0.496 ug/L
RT: 5.83 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 62 Resp: 6206

Ion	Ratio	Lower	Upper
62	100		
98	12.0	7.3	10.9#



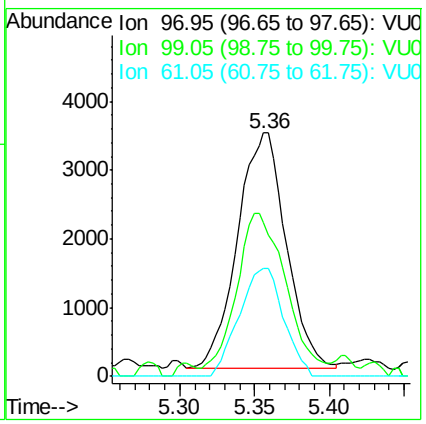


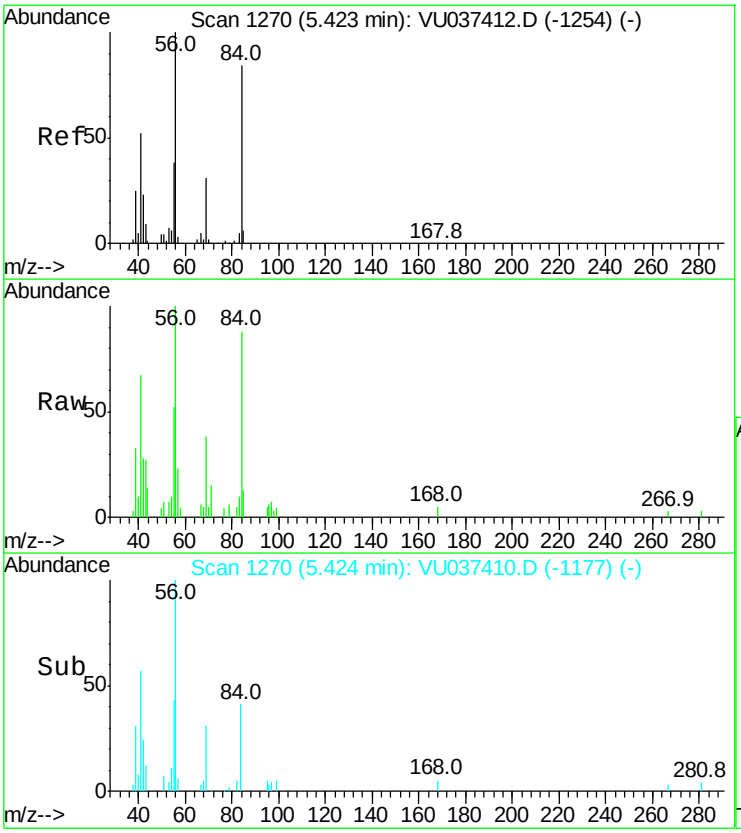
#29
1,1,1-Trichloroethane
Concen: 0.484 ug/L
RT: 5.36 min Scan# 1249
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion: 97 Resp: 7731

Ion	Ratio	Lower	Upper
97	100		
99	71.7	51.0	76.6
61	41.9	36.7	55.1

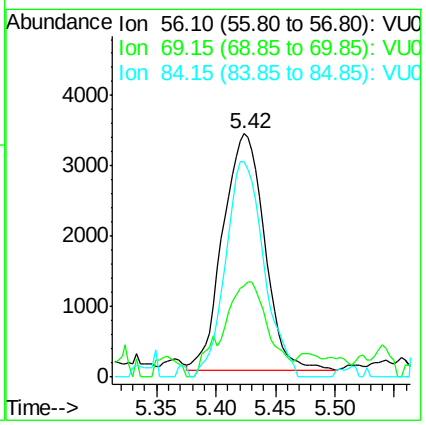


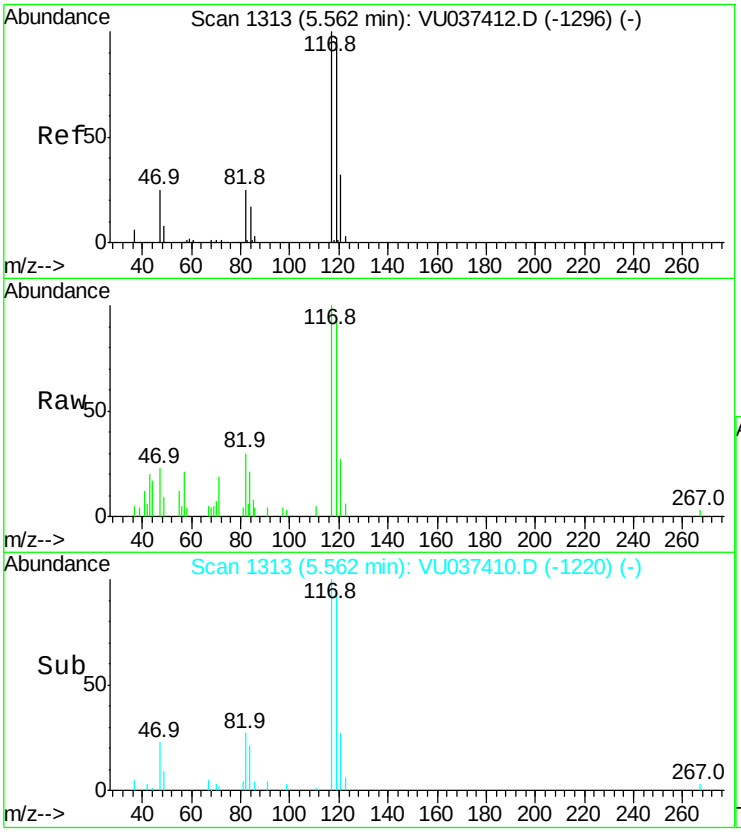


#30
Cyclohexane
Concen: 0.598 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 56 Resp: 8119

Ion	Ratio	Lower	Upper
56	100		
69	44.0	25.7	38.5#
84	84.2	67.1	100.7



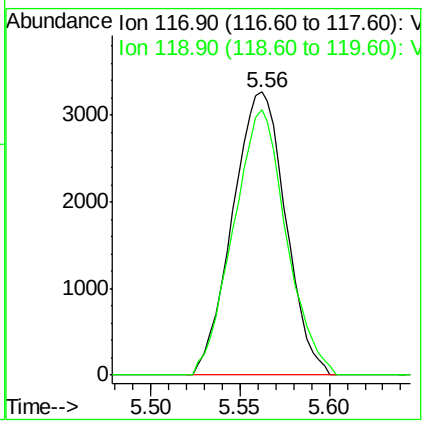


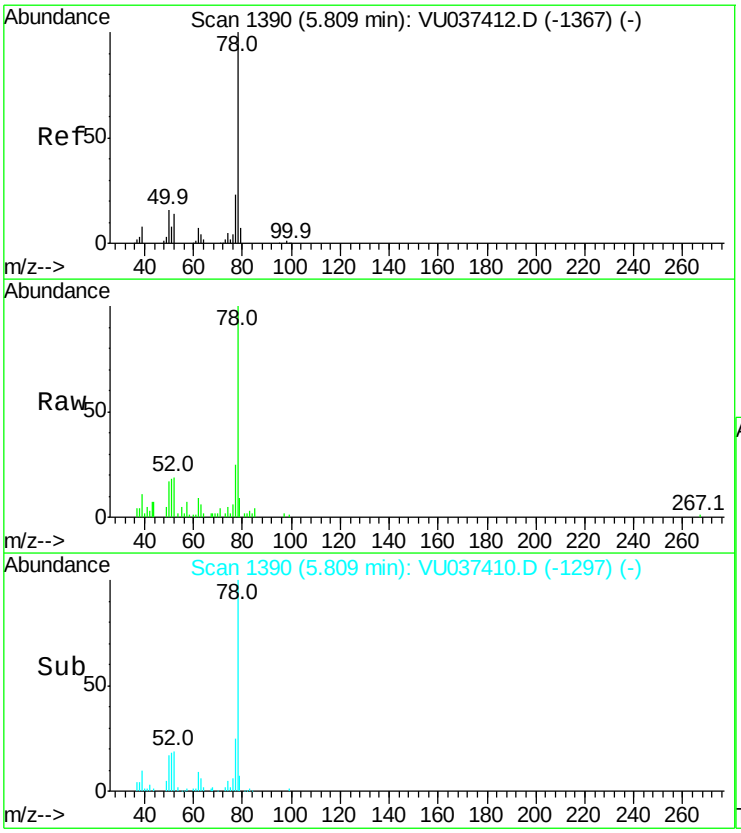
#31
Carbon tetrachloride
Concen: 0.489 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion:117 Resp: 6768

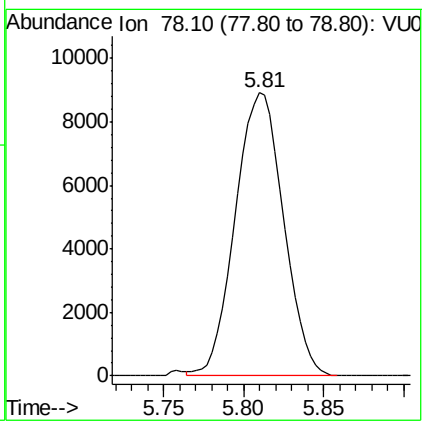
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.7	116.5

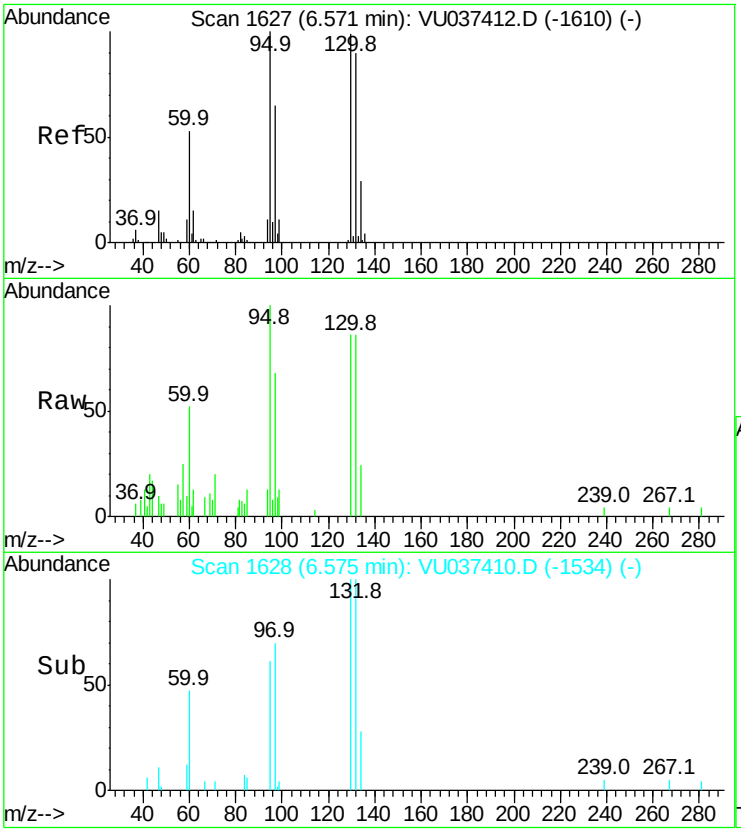




#33
Benzene
Concen: 0.539 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 78 Resp: 18392



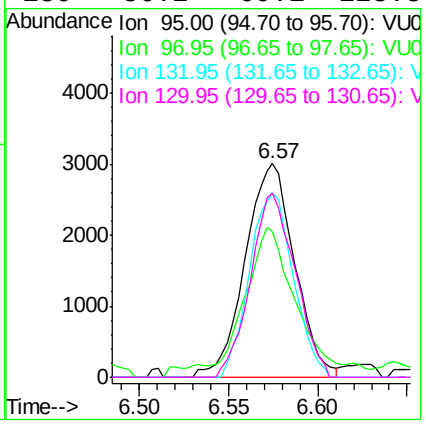


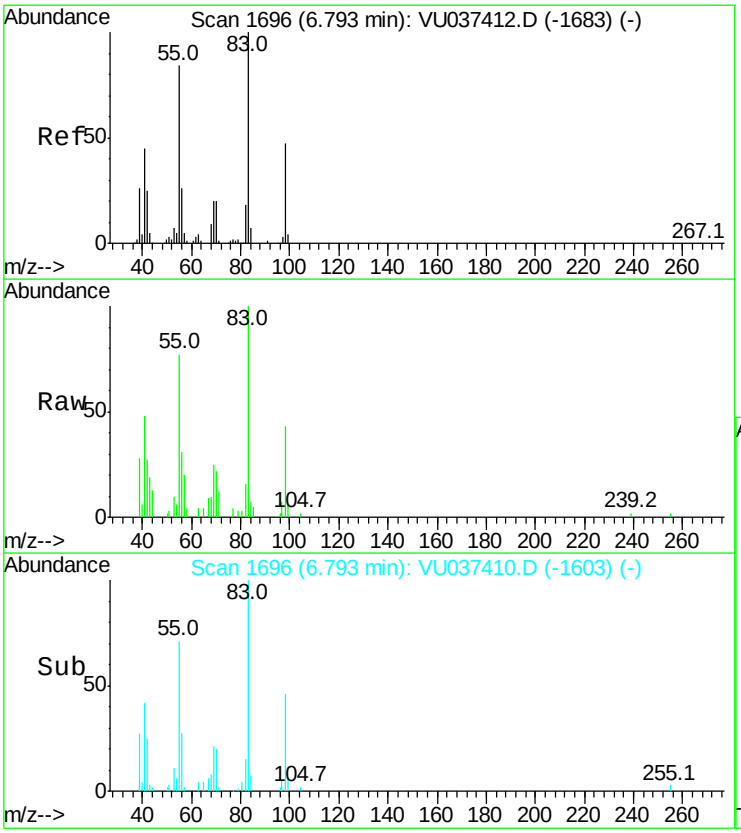
#34
Trichloroethene
Concen: 0.618 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion: 95 Resp: 5803

Ion	Ratio	Lower	Upper
95	100		
97	68.1	45.3	84.1
132	86.2	62.7	116.5
130	86.2	69.1	128.3

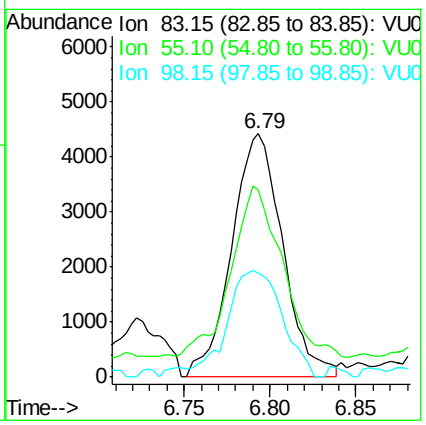


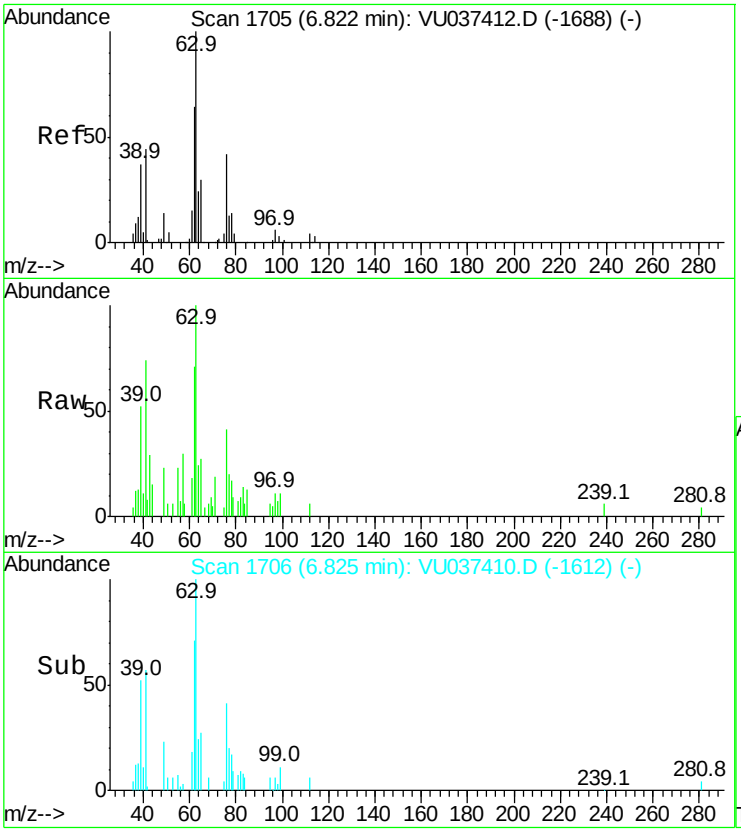


#35
Methylcyclohexane
Concen: 0.655 ug/L
RT: 6.79 min Scan# 1696
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 83 Resp: 9108

Ion	Ratio	Lower	Upper
83	100		
55	70.4	64.2	96.4
98	47.1	36.3	54.5



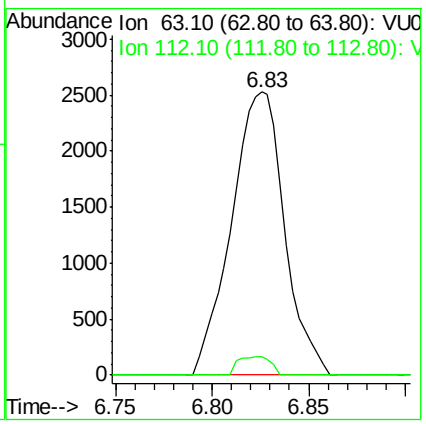


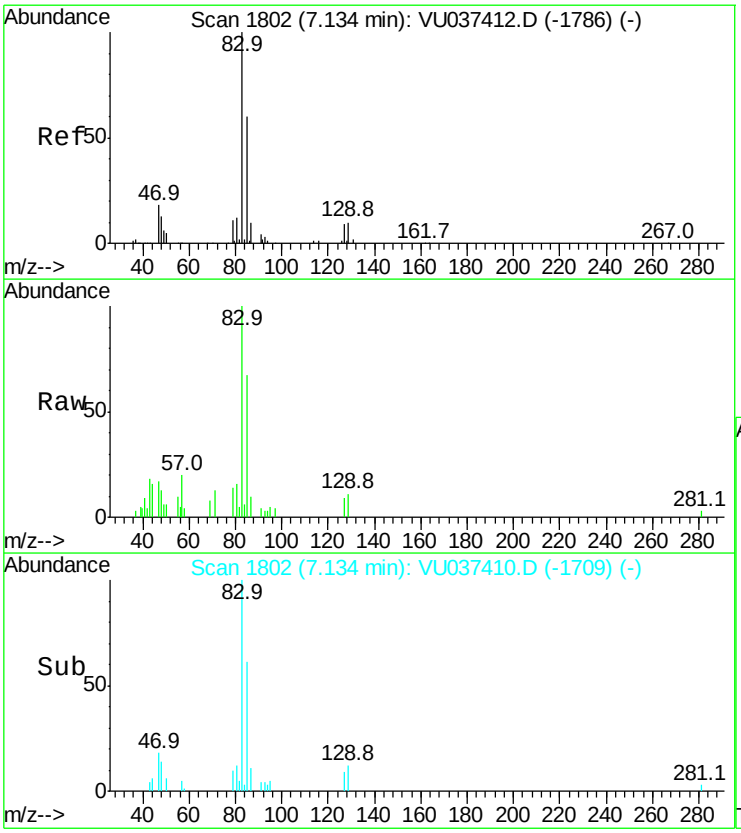
#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.83 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion: 63 Resp: 4821

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.0	4.6

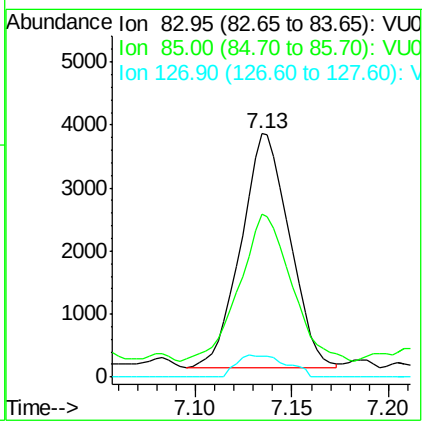


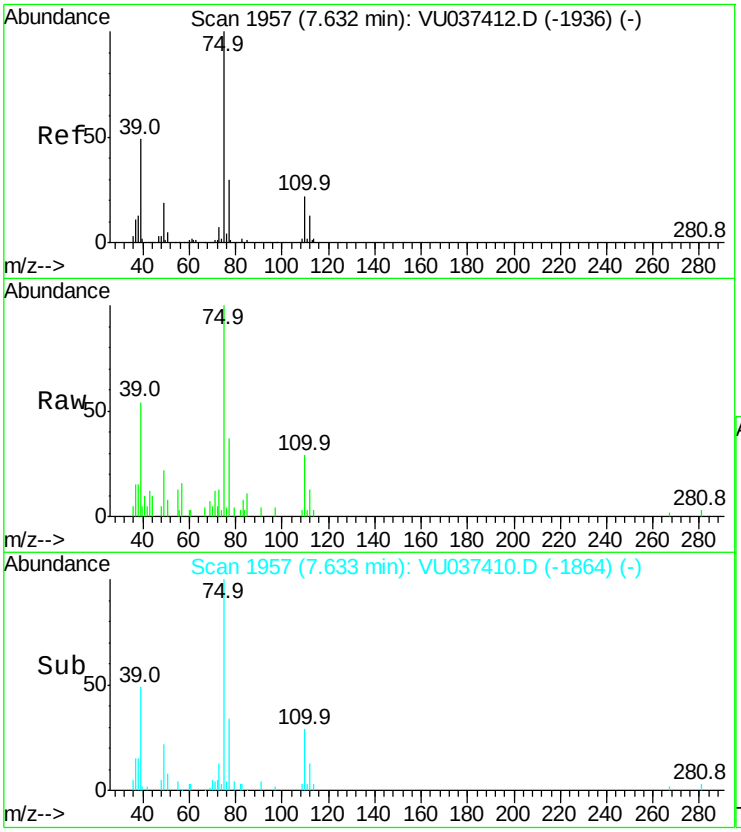


#38
Bromodichloromethane
Concen: 0.527 ug/L
RT: 7.13 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 83 Resp: 6464

Ion	Ratio	Lower	Upper
83	100		
85	66.9	42.4	78.8
127	8.7	7.0	10.6



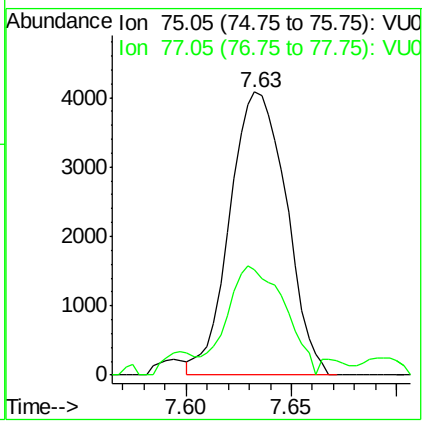


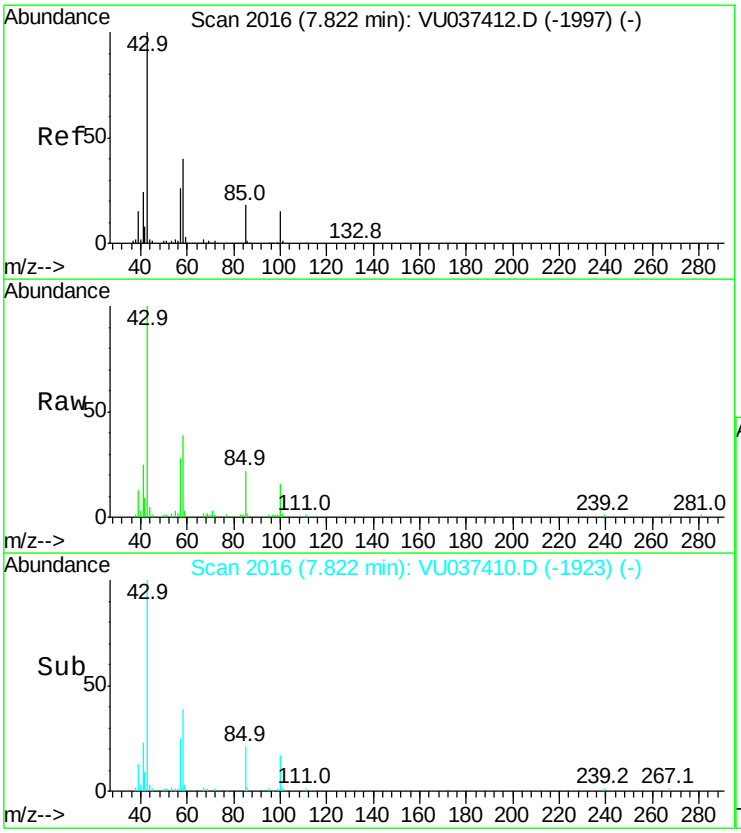
#39
cis-1,3-Dichloropropene
Concen: 0.574 ug/L
RT: 7.63 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion: 75 Resp: 7604

Ion	Ratio	Lower	Upper
75	100		
77	37.4	21.1	39.3

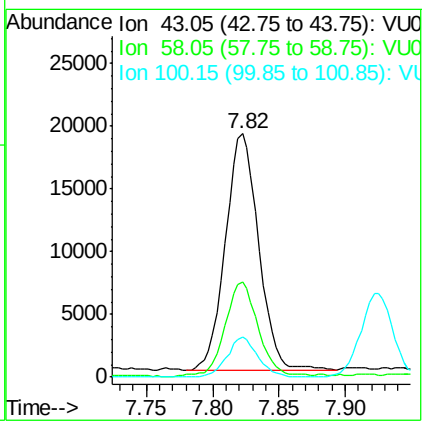


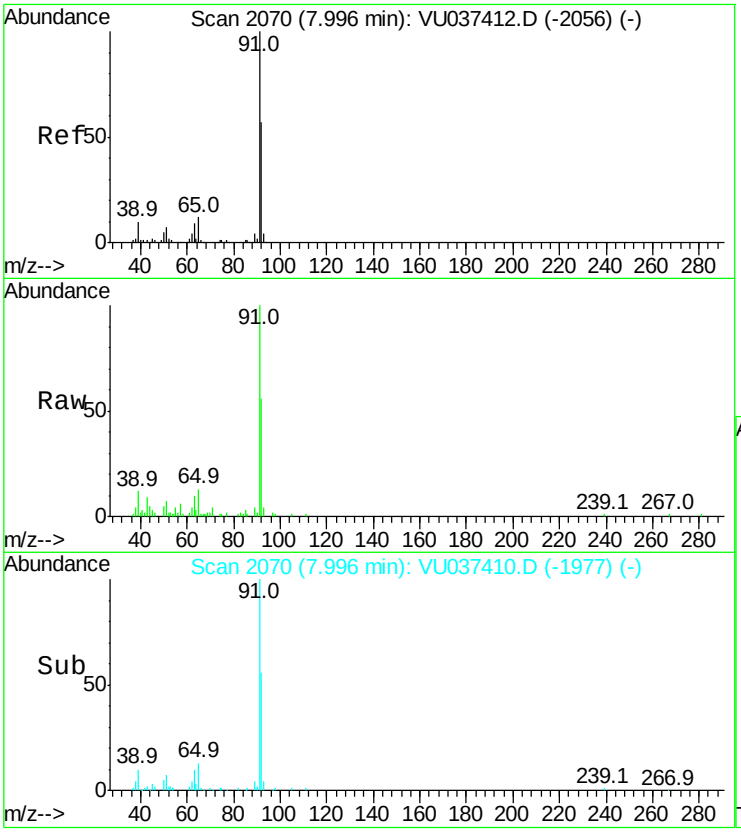


#40
4-Methyl-2-pentanone
Concen: 5.878 ug/L
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 43 Resp: 32973

Ion	Ratio	Lower	Upper
43	100		
58	40.5	32.1	48.1
100	15.4	11.6	17.4



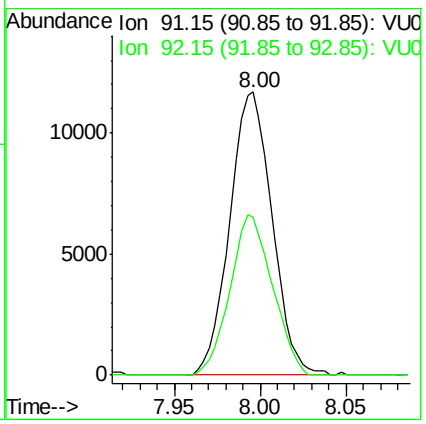


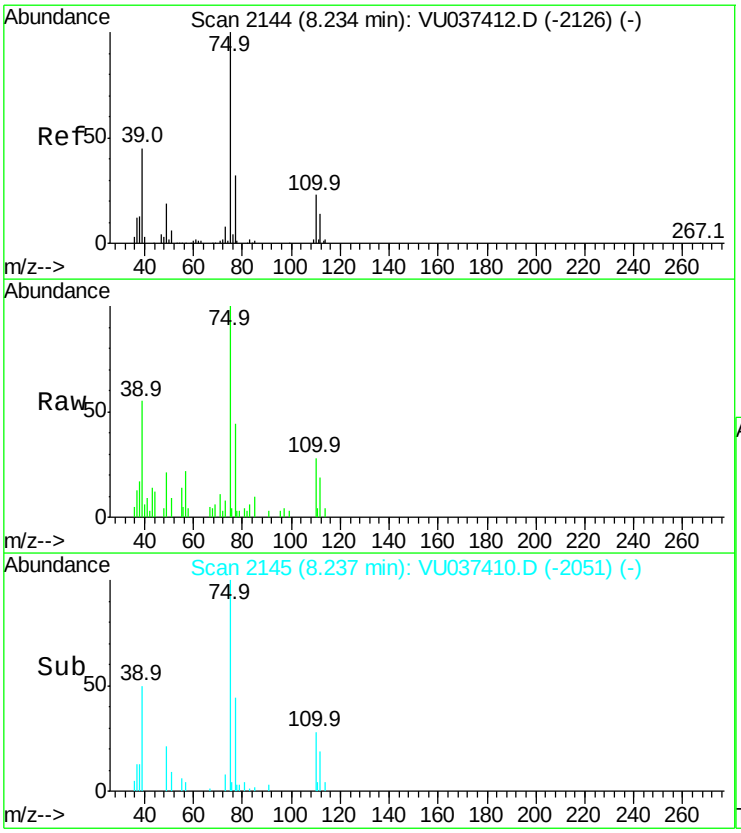
#42
Toluene
Concen: 0.543 ug/L
RT: 8.00 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion: 91 Resp: 20073

Ion	Ratio	Lower	Upper
91	100		
92	55.6	39.8	73.8

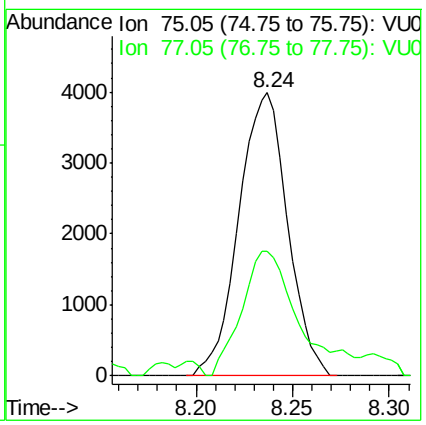


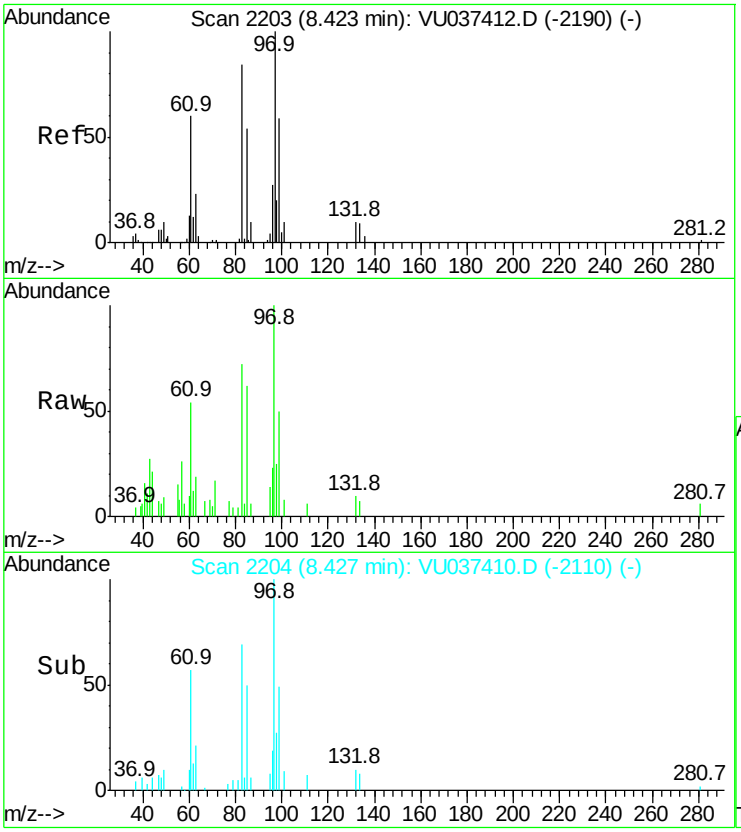


#44
trans-1,3-Dichloropropene
Concen: 0.577 ug/L
RT: 8.24 min Scan# 2145
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 75 Resp: 6985

Ion	Ratio	Lower	Upper
75	100		
77	43.9	22.7	42.1#



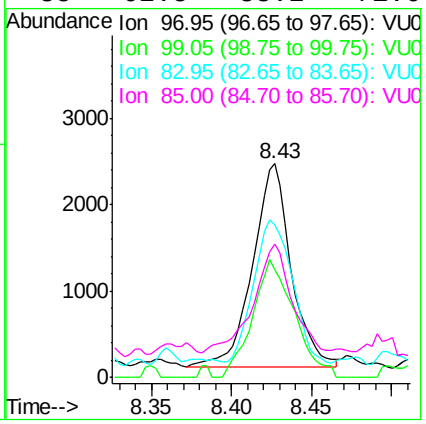


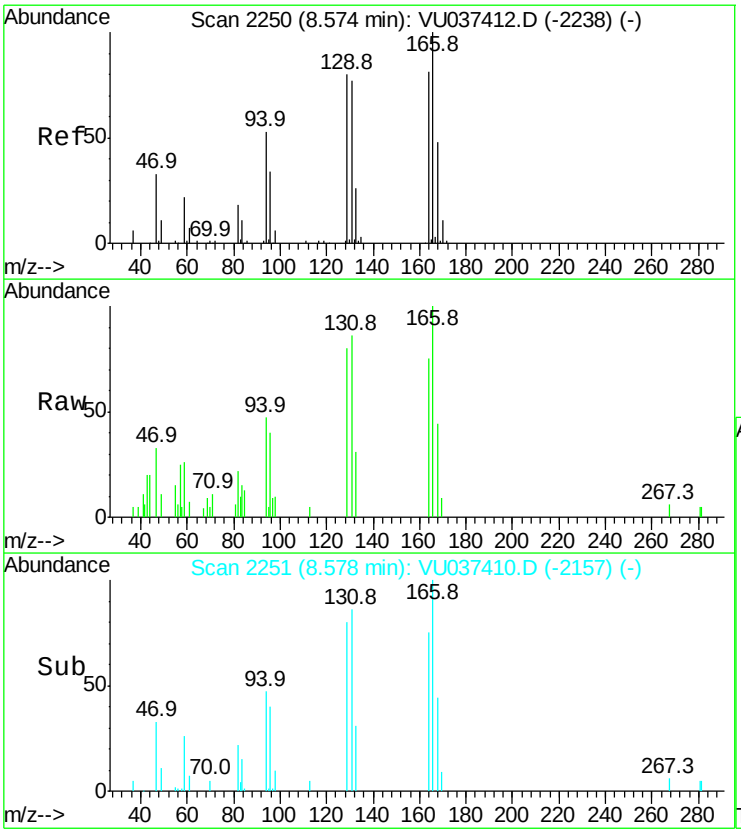
#45
1,1,2-Trichloroethane
Concen: 0.616 ug/L
RT: 8.43 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion: 97 Resp: 3965

Ion	Ratio	Lower	Upper
97	100		
99	50.2	41.1	76.3
83	71.6	58.7	108.9
85	62.5	38.2	71.0

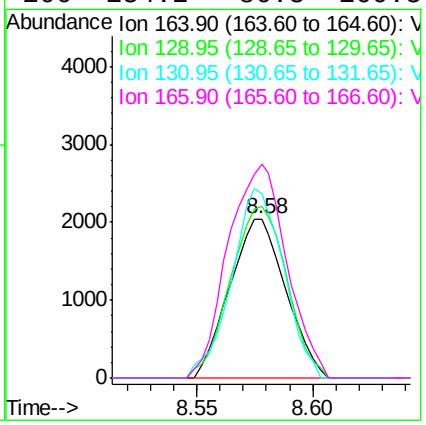


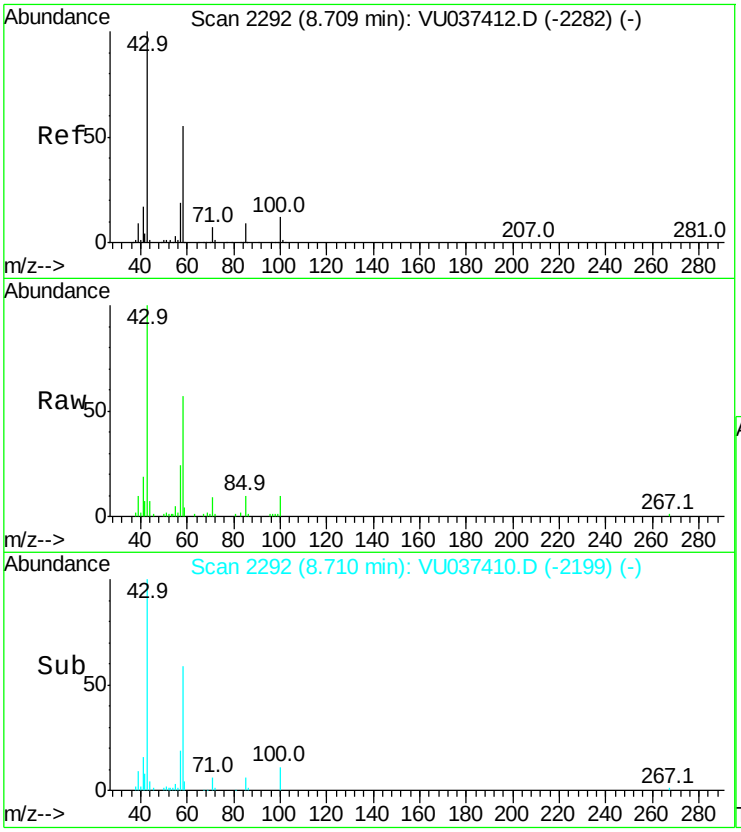


#47
Tetrachloroethene
Concen: 0.453 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:164 Resp: 3436

Ion	Ratio	Lower	Upper
164	100		
129	107.8	68.8	127.8
131	115.6	66.9	124.3
166	134.2	86.3	160.3



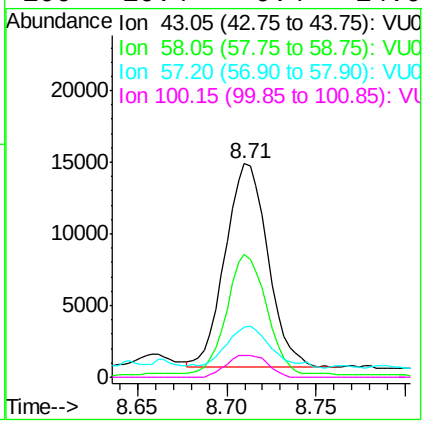


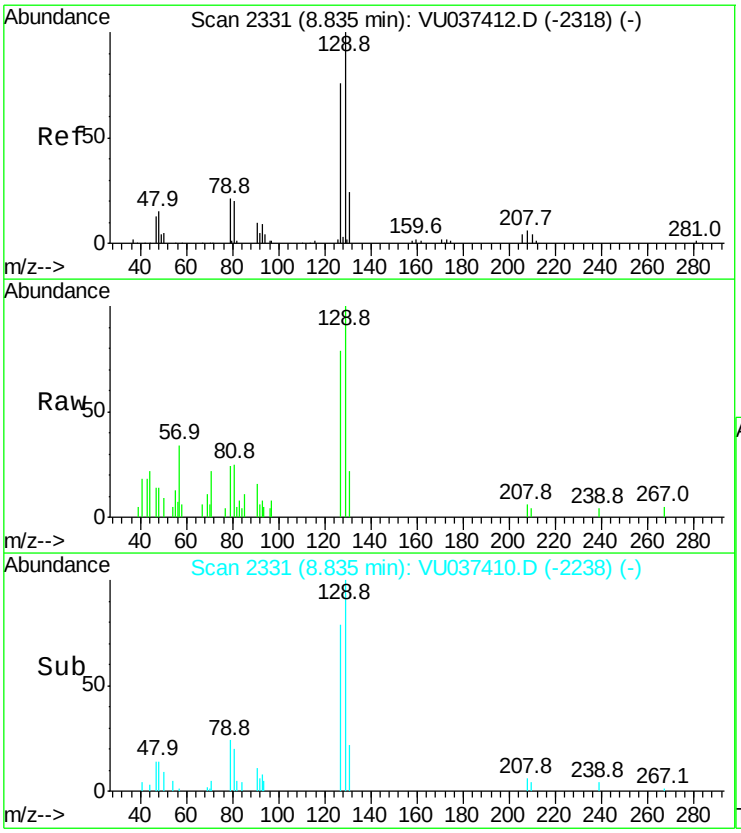
#48
2-Hexanone
Concen: 5.932 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion: 43 Resp: 23708

Ion	Ratio	Lower	Upper
43	100		
58	53.9	44.2	66.2
57	21.0	15.3	22.9
100	10.4	9.4	14.0

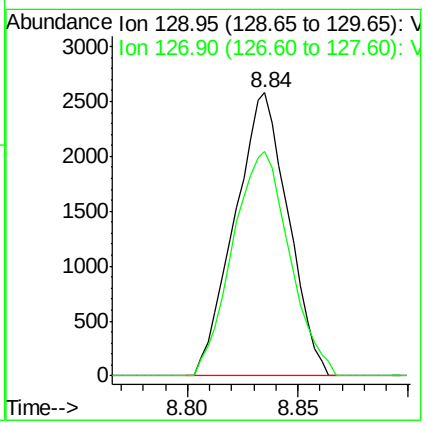


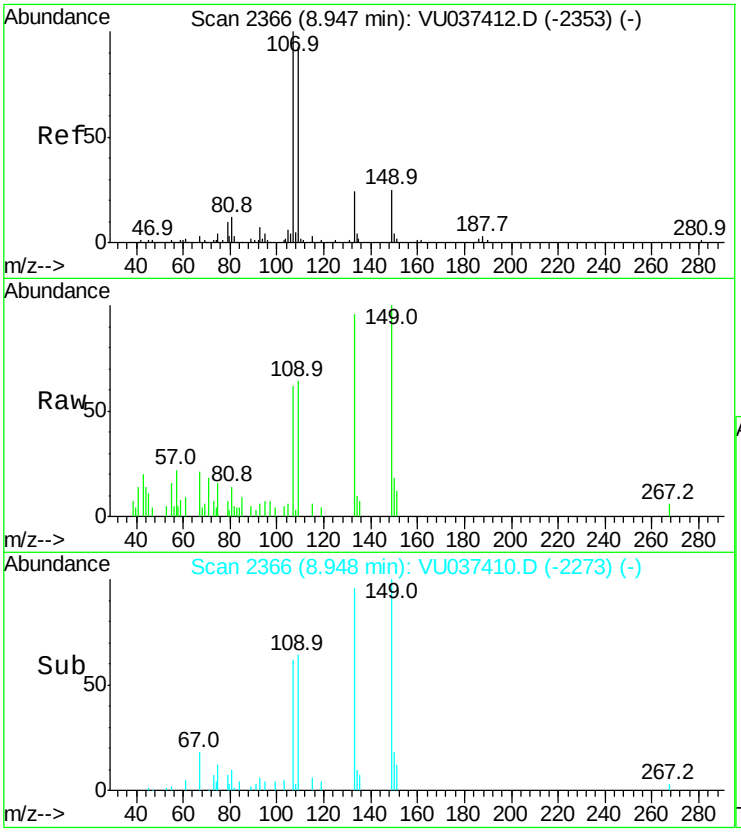


#49
Dibromochloromethane
Concen: 0.515 ug/L
RT: 8.84 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:129 Resp: 4330

Ion	Ratio	Lower	Upper
129	100		
127	79.1	53.5	99.3



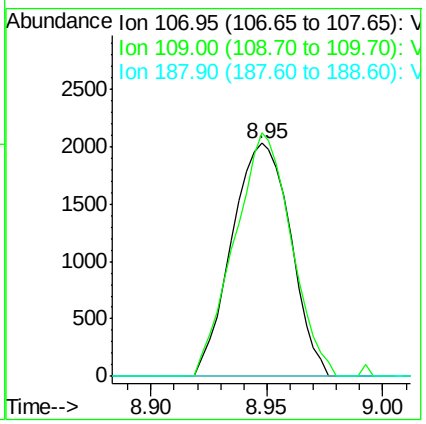


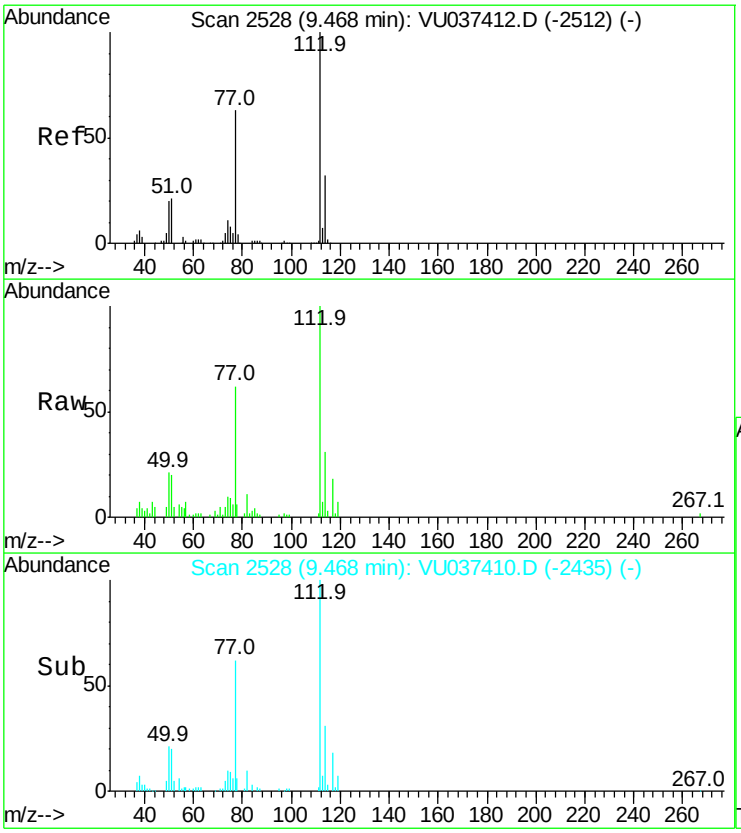
#50
1,2-Dibromoethane
Concen: 0.565 ug/L
RT: 8.95 min Scan# 2366
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion:107 Resp: 3566

Ion	Ratio	Lower	Upper
107	100		
109	104.5	64.8	120.4
188	0.0	2.6	4.0#

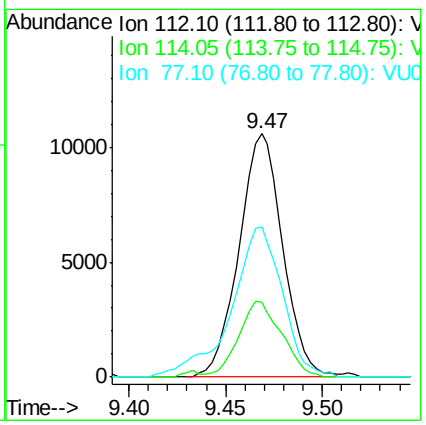


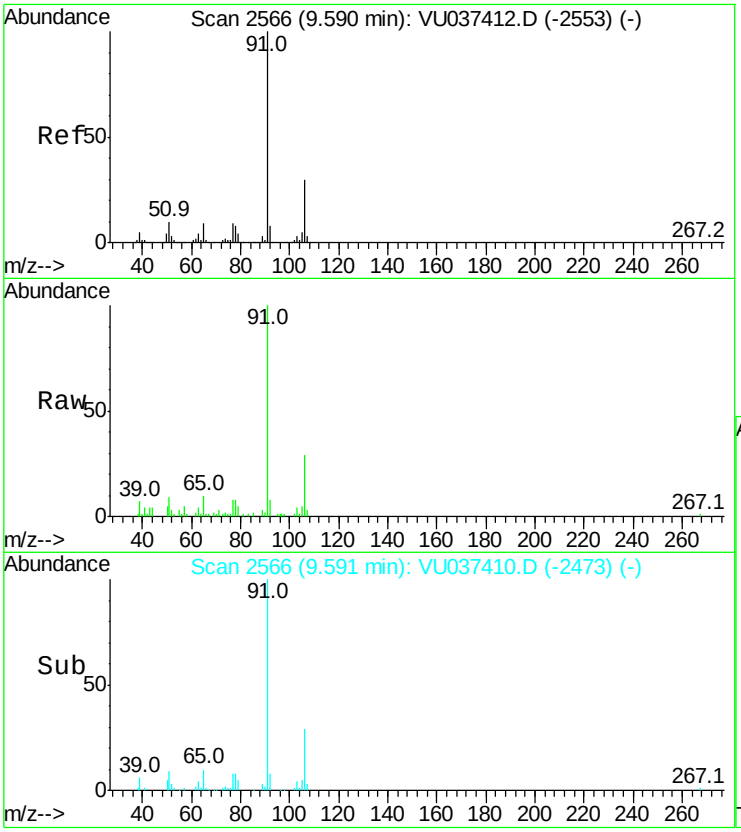


#51
Chlorobenzene
Concen: 0.697 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:112 Resp: 16690

Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.4	41.6
77	61.5	50.5	75.7



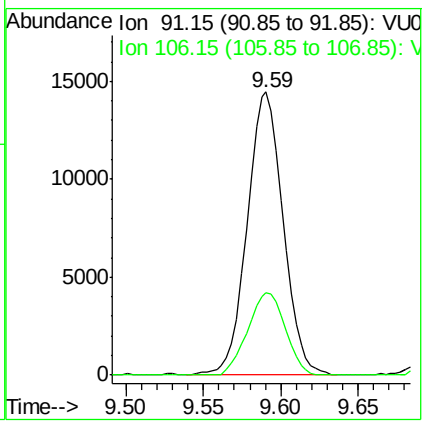


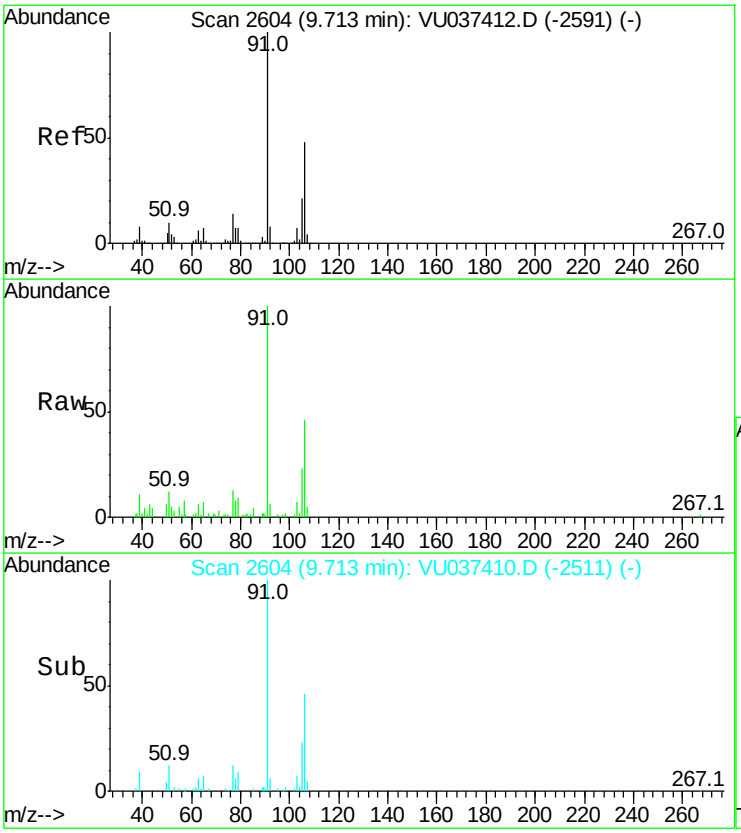
#52
Ethylbenzene
Concen: 0.567 ug/L
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion: 91 Resp: 23385

Ion	Ratio	Lower	Upper
91	100		
106	29.2	21.3	39.6

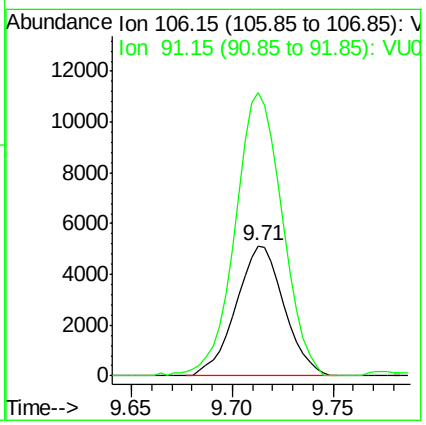


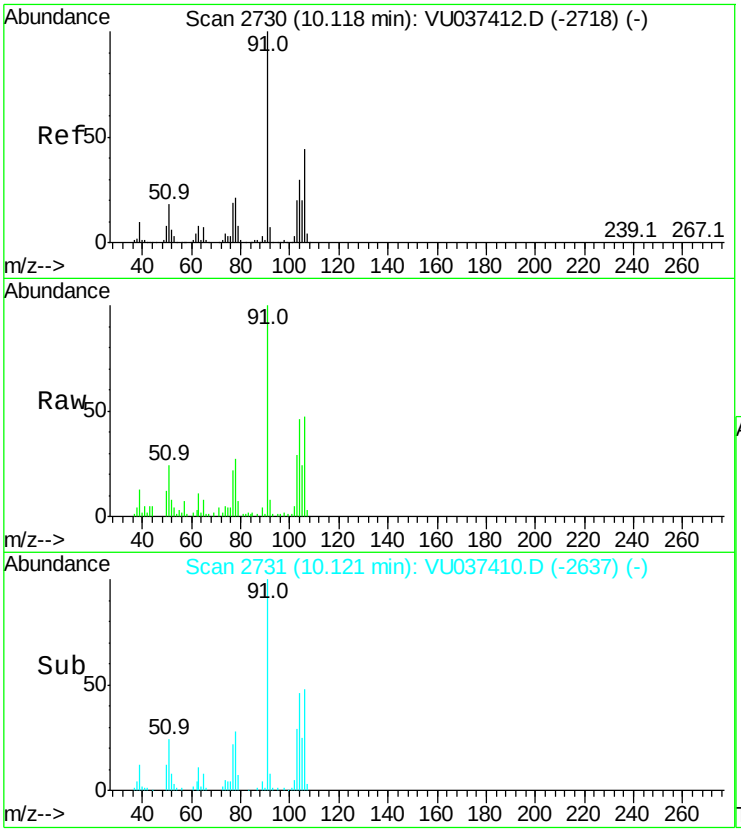


#53
m,p-Xylene
Concen: 0.570 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:106 Resp: 8583

Ion	Ratio	Lower	Upper
106	100		
91	217.9	147.3	273.6



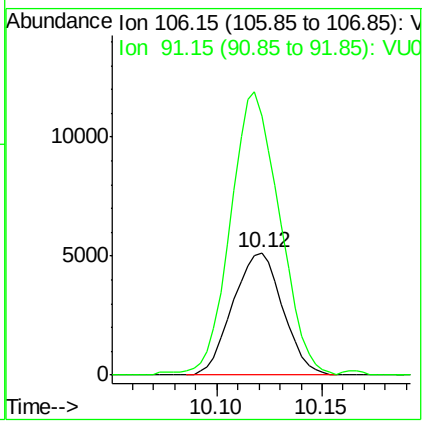


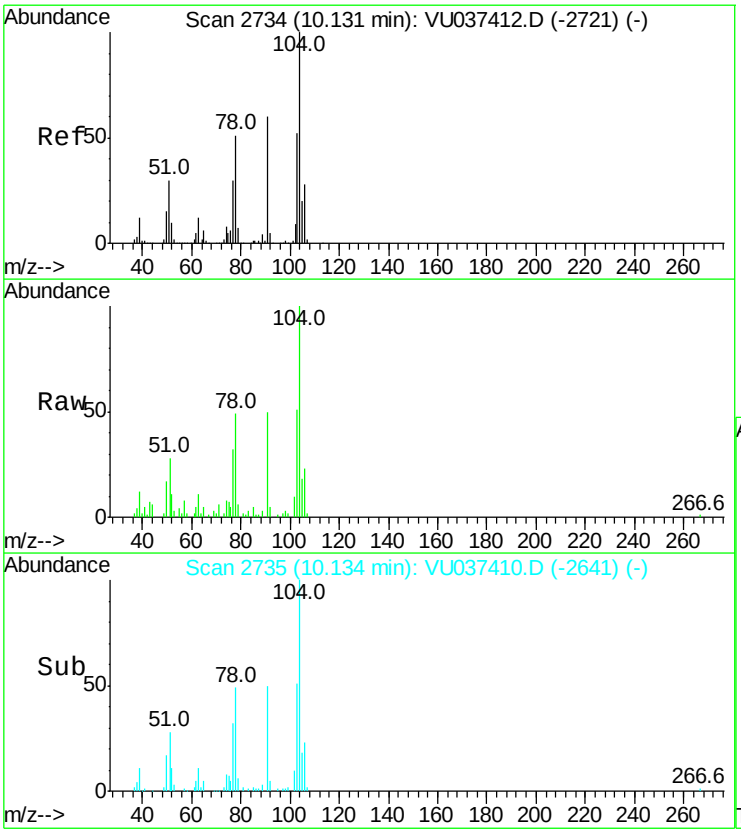
#54
o-Xylene
Concen: 0.574 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion:106 Resp: 8437

Ion	Ratio	Lower	Upper
106	100		
91	211.6	157.7	292.9

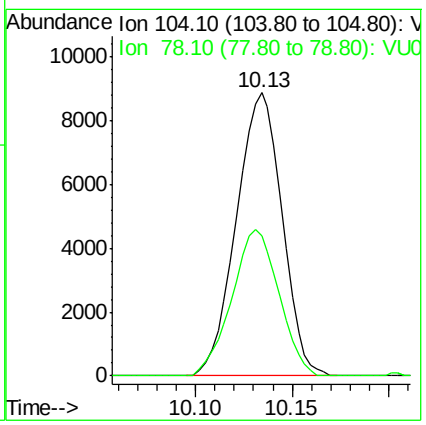


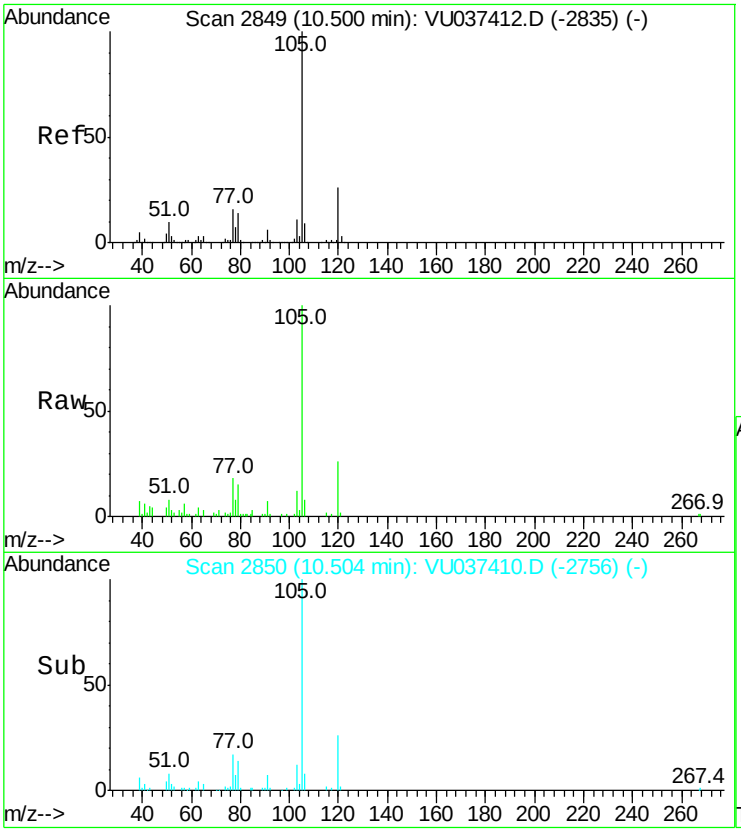


#55
Styrene
Concen: 0.596 ug/L
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:104 Resp: 14594

Ion	Ratio	Lower	Upper
104	100		
78	49.4	35.8	66.6



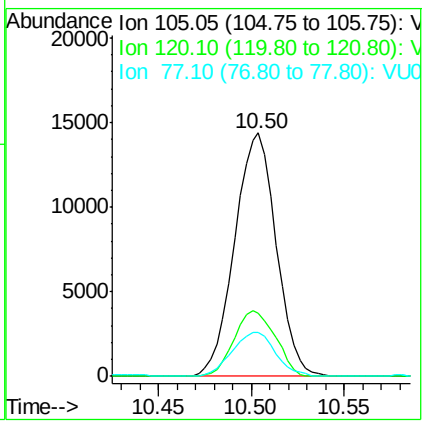


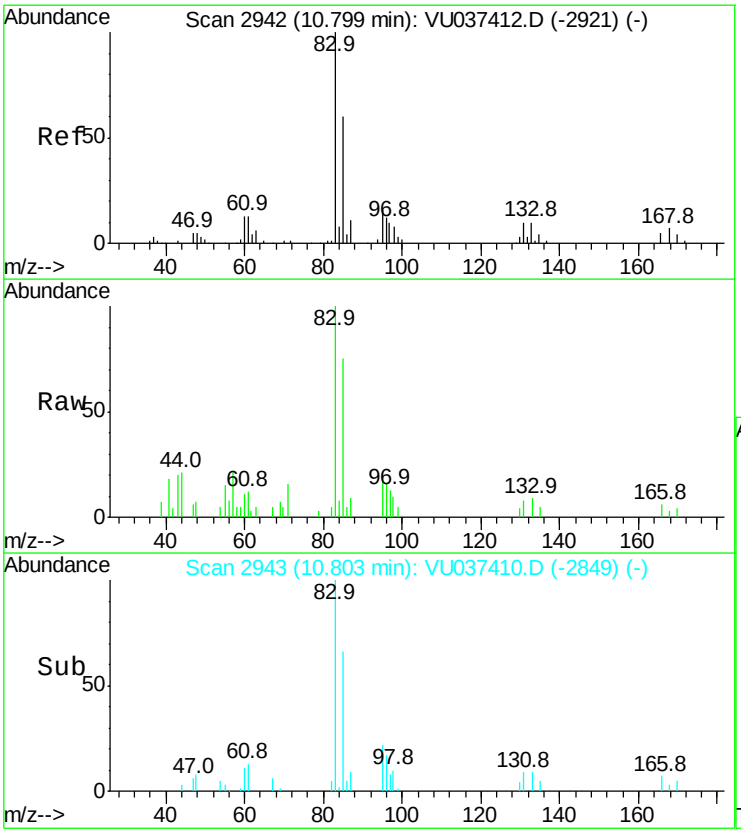
#56
Isopropylbenzene
Concen: 0.553 ug/L
RT: 10.50 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion:105 Resp: 22409

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.0	31.4
77	18.8	13.4	20.0

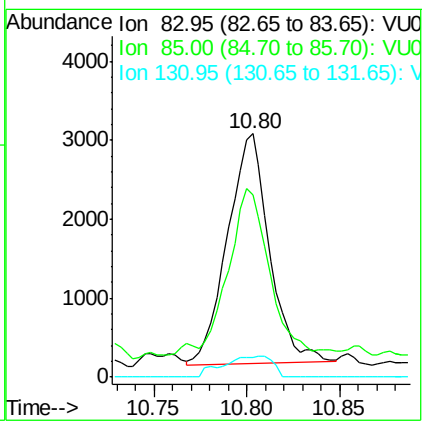


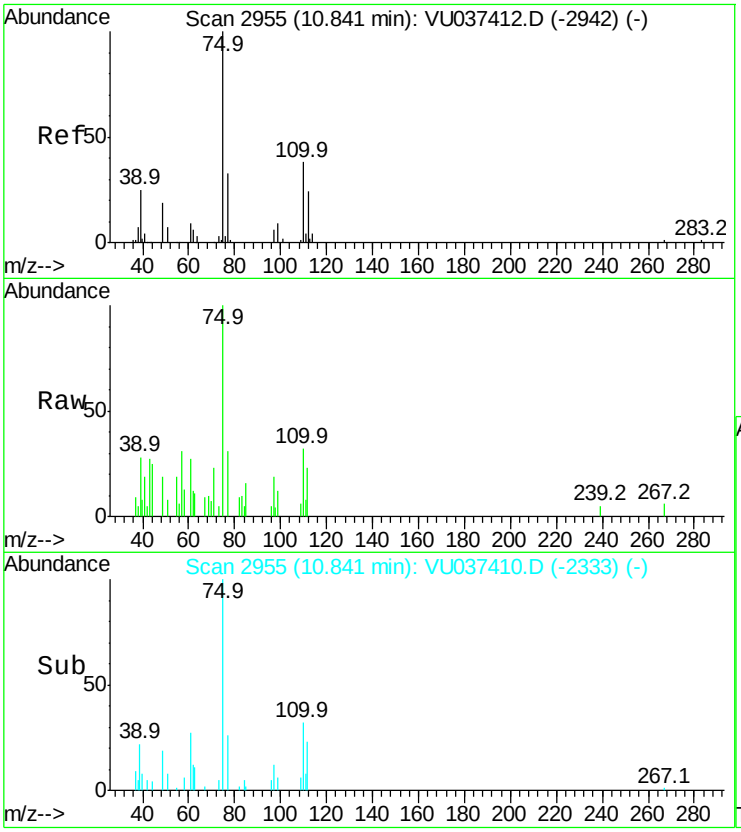


#58
1,1,2,2-Tetrachloroethane
Concen: 0.567 ug/L
RT: 10.80 min Scan# 2943
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 83 Resp: 4583

Ion	Ratio	Lower	Upper
83	100		
85	75.0	42.9	79.7
131	8.2	8.1	12.1



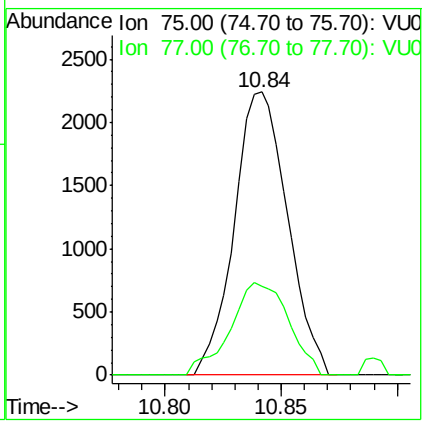


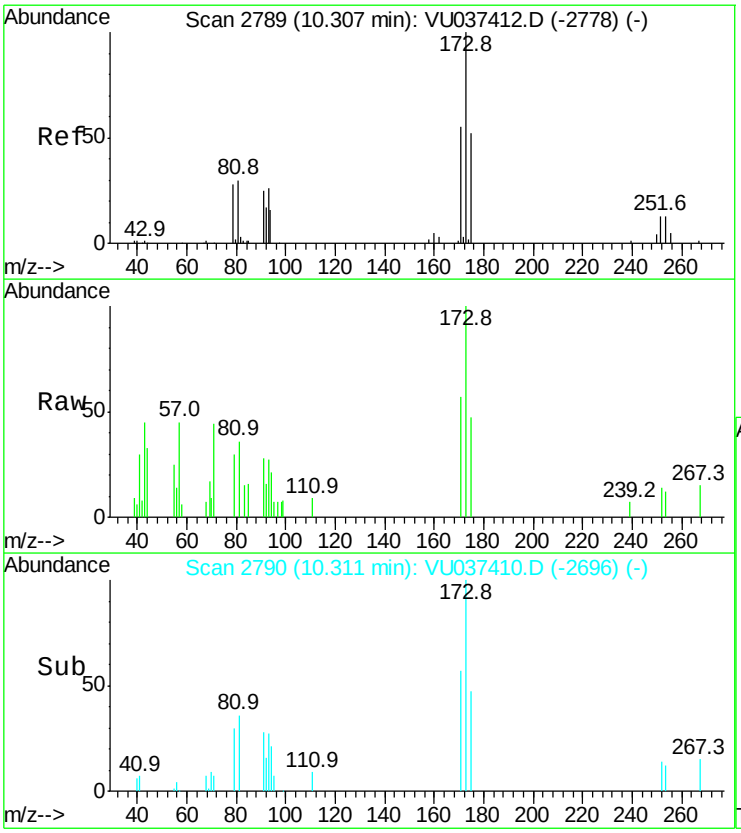
#59
1,2,3-Trichloropropane
Concen: 0.598 ug/L
RT: 10.84 min Scan# 2955
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion: 75 Resp: 3585

Ion	Ratio	Lower	Upper
75	100		
77	35.6	27.4	41.2

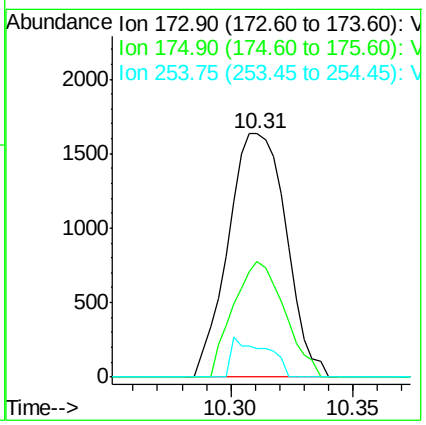


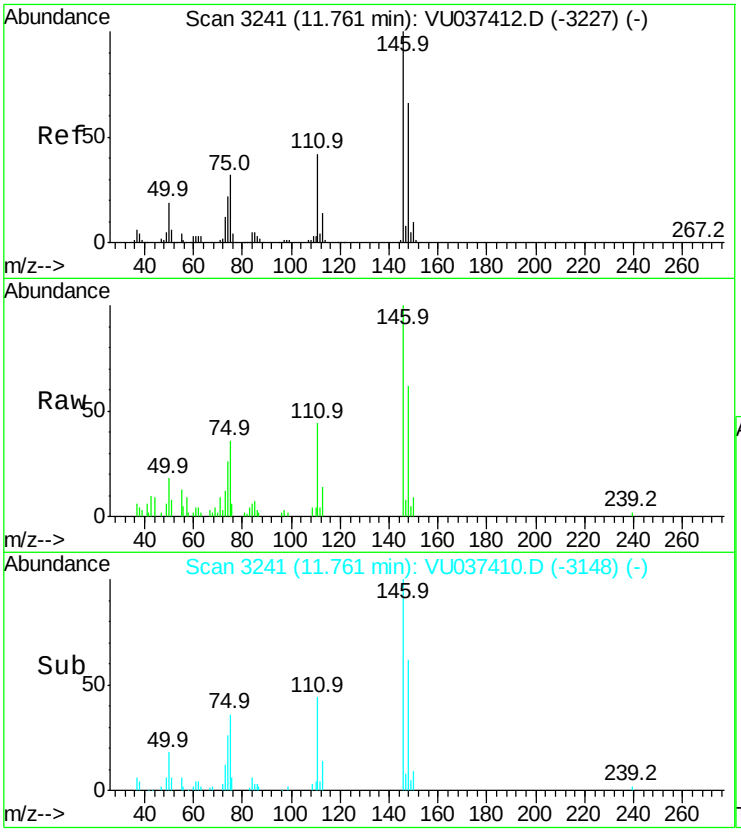


#61
Bromoform
Concen: 0.503 ug/L
RT: 10.31 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:173 Resp: 2696

Ion	Ratio	Lower	Upper
173	100		
175	42.0	40.2	60.4
254	9.9	11.4	17.2#



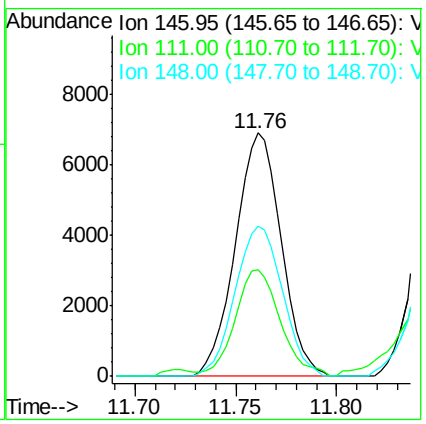


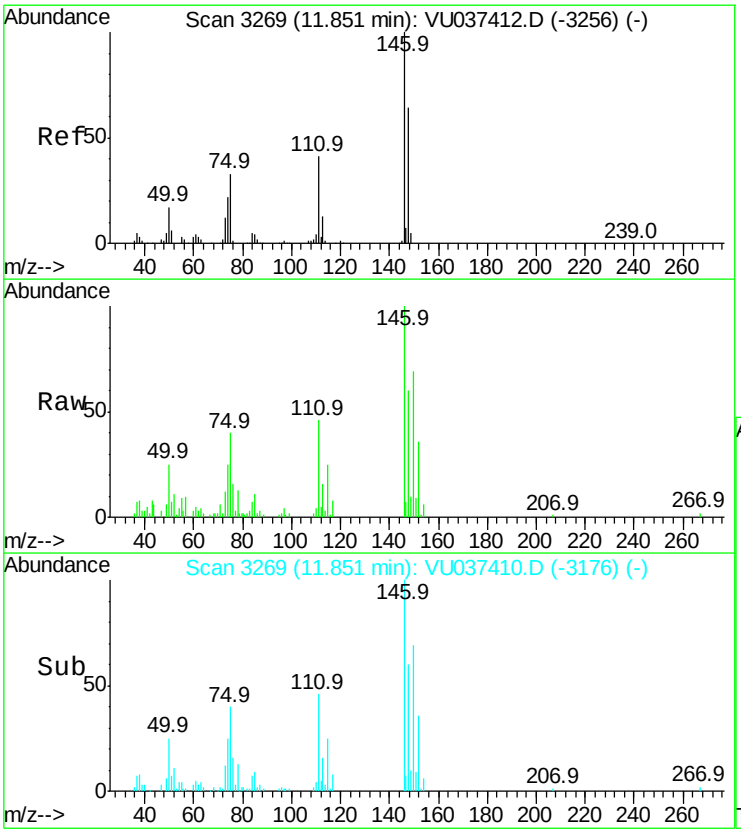
#62
1,3-Dichlorobenzene
Concen: 0.541 ug/L
RT: 11.76 min Scan# 3241
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion:146 Resp: 10991

Ion	Ratio	Lower	Upper
146	100		
111	43.8	29.4	54.6
148	61.8	46.1	85.5

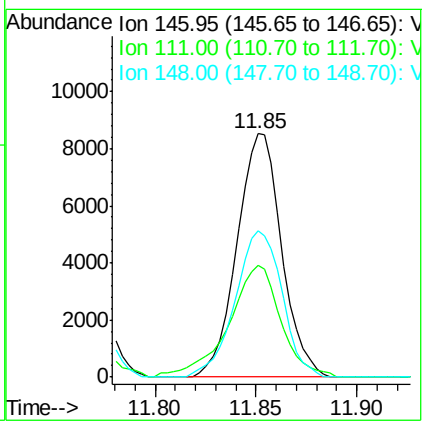


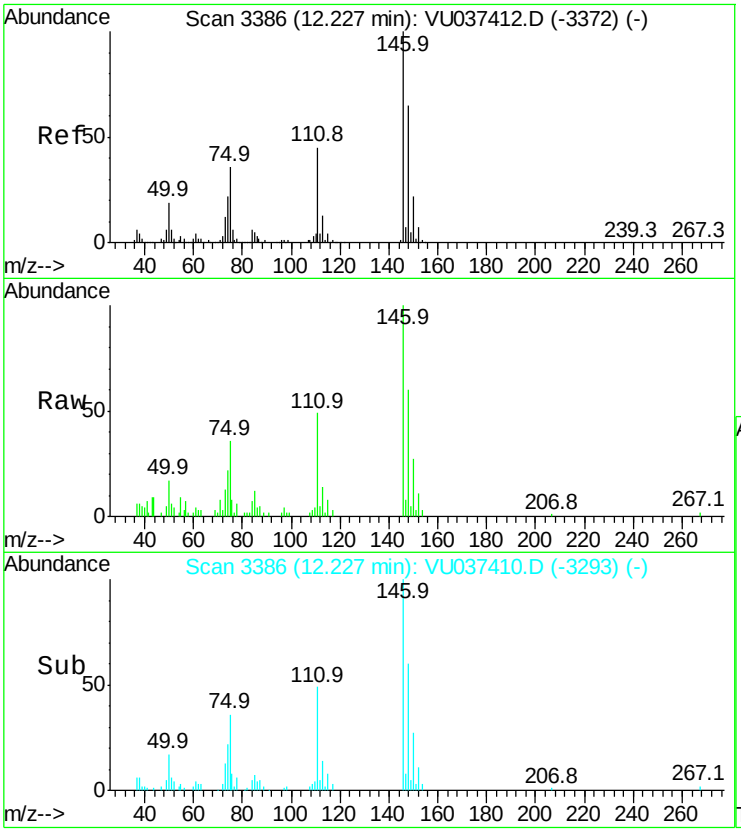


#63
1,4-Dichlorobenzene
Concen: 0.643 ug/L
RT: 11.85 min Scan# 3269
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:146 Resp: 13188

Ion	Ratio	Lower	Upper
146	100		
111	45.8	28.8	53.6
148	59.9	44.5	82.7



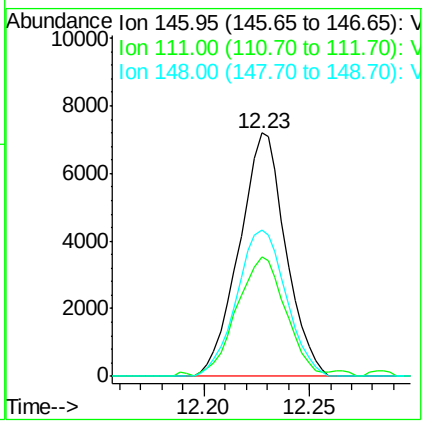


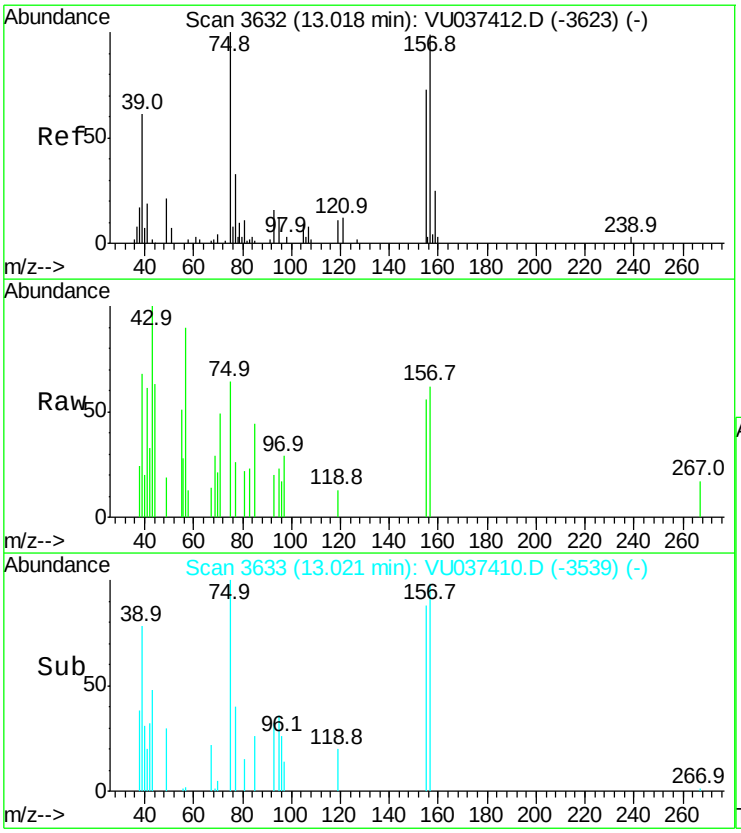
#65
1,2-Dichlorobenzene
Concen: 0.567 ug/L
RT: 12.23 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument : MSVOA_U
ClientSampleId : VSTD0.502

Tgt Ion:146 Resp: 11059

Ion	Ratio	Lower	Upper
146	100		
111	49.1	36.2	54.2
148	60.1	52.1	78.1

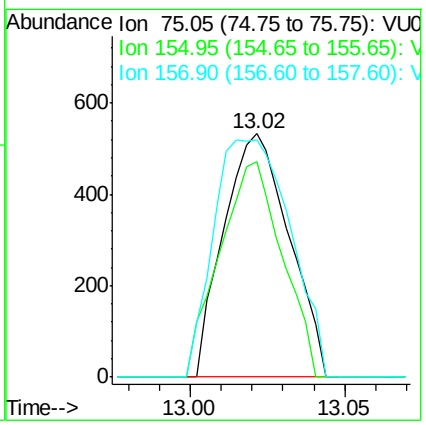


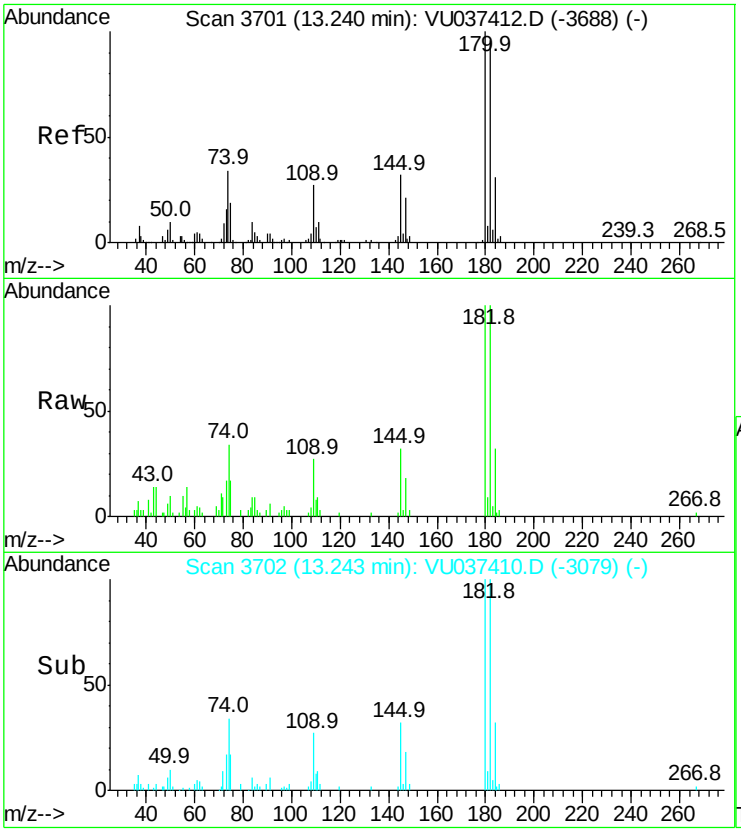


#66
1,2-Dibromo-3-chloropropane
Concen: 0.522 ug/L
RT: 13.02 min Scan# 3633
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion: 75 Resp: 783

Ion	Ratio	Lower	Upper
75	100		
155	88.4	56.0	84.0#
157	97.6	78.3	117.5



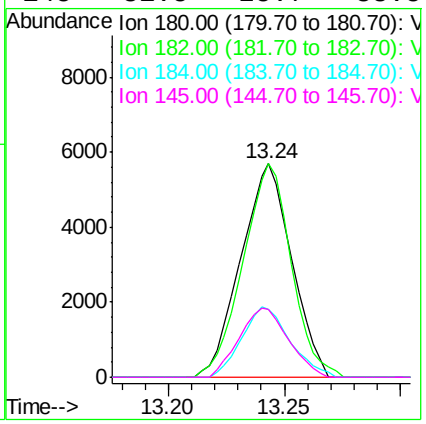


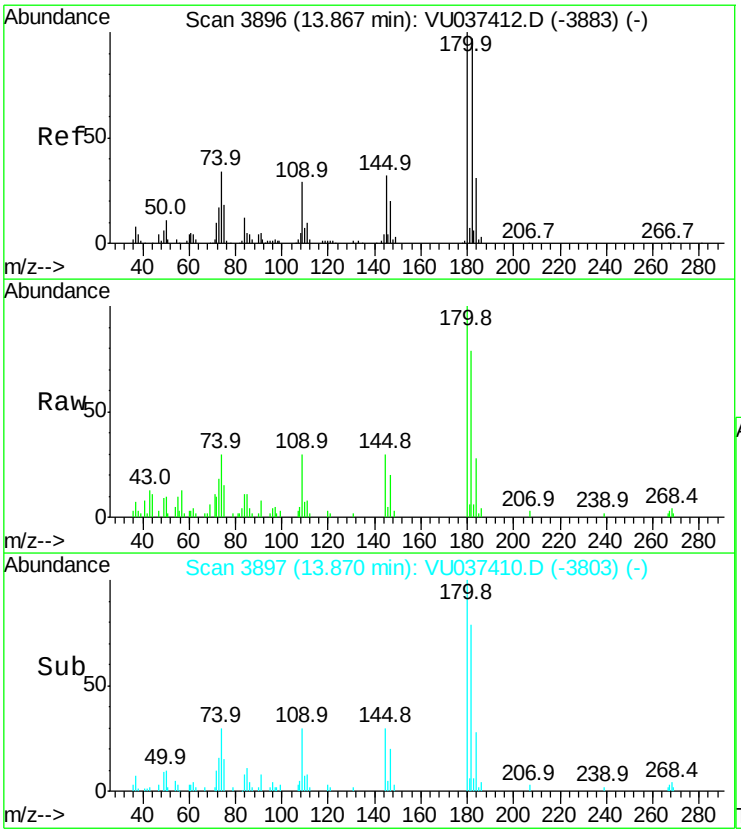
#67
1,3,5-Trichlorobenzene
Concen: 0.573 ug/L
RT: 13.24 min Scan# 3702
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion:180 Resp: 8619

Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.7	116.5
184	31.3	24.6	36.8
145	31.5	25.7	38.5

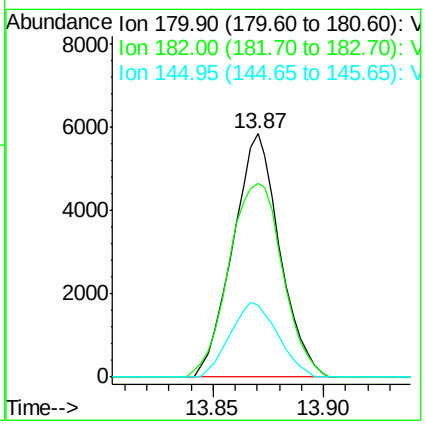


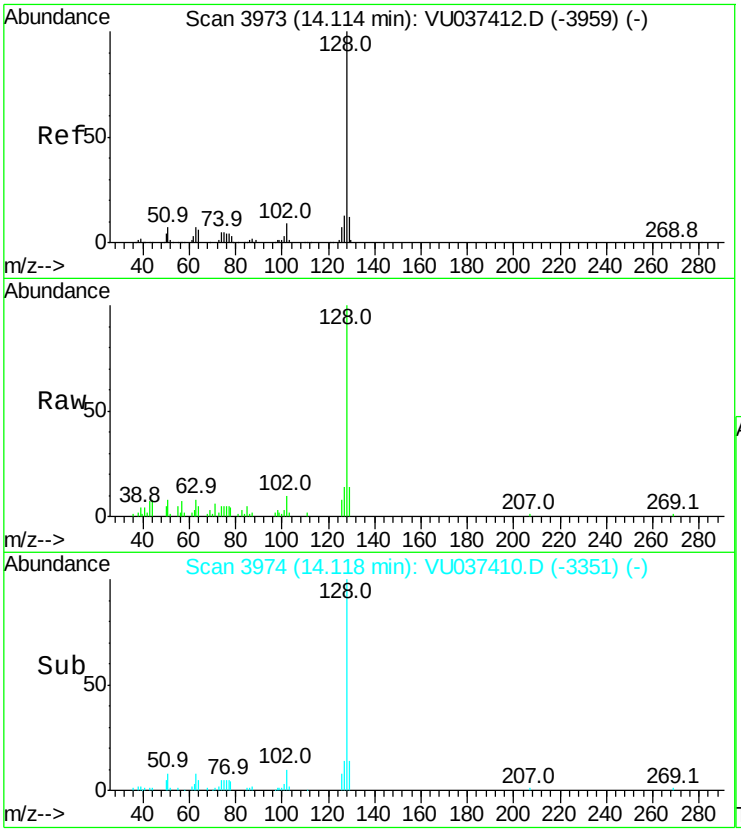


#68
1,2,4-trichlorobenzene
Concen: 0.780 ug/L
RT: 13.87 min Scan# 3897
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:180 Resp: 8592

Ion	Ratio	Lower	Upper
180	100		
182	91.5	75.8	113.6
145	31.2	25.5	38.3



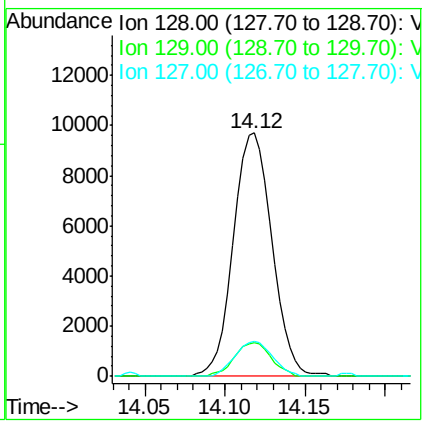


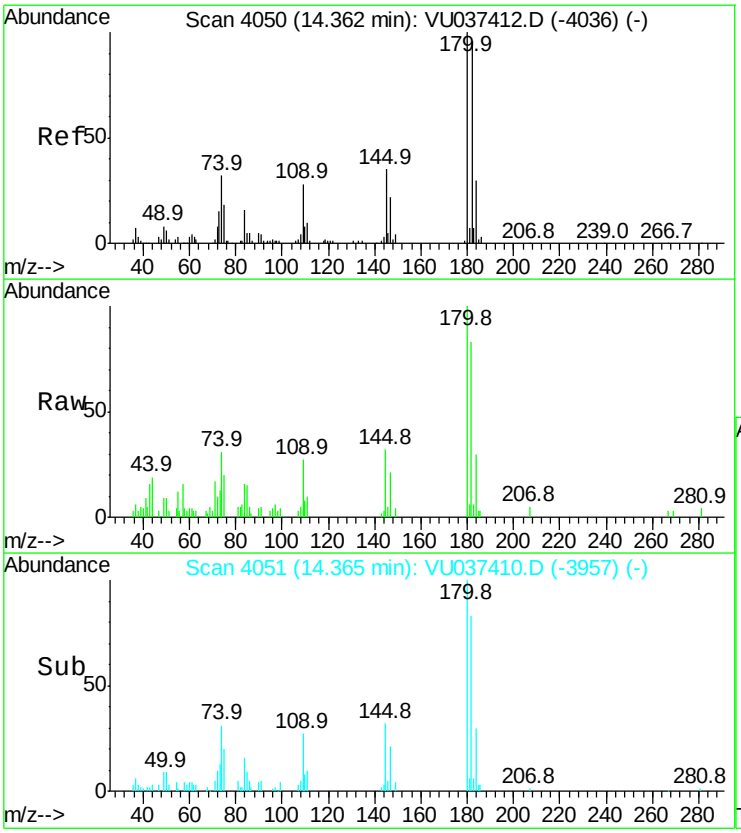
#69
Naphthalene
Concen: 1.057 ug/L
RT: 14.12 min Scan# 3974
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.502

Tgt Ion:128 Resp: 15983

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.9	13.3
127	13.8	10.4	15.6





#70
1,2,3-Trichlorobenzene
Concen: 0.723 ug/L
RT: 14.37 min Scan# 4051
Delta R.T. 0.00 min
Lab File: VU037410.D
Acq: 28 Mar 2020 10:26

Tgt Ion:180 Resp: 7535

Ion	Ratio	Lower	Upper
180	100		
182	85.6	77.8	116.8
145	32.7	27.8	41.8