Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022119\

Quantitation Report (Not Reviewed)

Data File : VU029587.D
Acq On : 21 Feb 2019 10:41
Operator : JC/SP
Sample : VSTD0.546
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Quant Time: Feb 22 02:41:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 02:38:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	290329	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	277108	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145835	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	9006	0.47	ug/L		0.00
7) Chloroethane-d5	1.68	69	8519	0.48	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.27	63	19343	0.47	ug/L		0.00
20) 2-Butanone-d5	4.20	46	18372	4.29	ug/L		0.00
24) Chloroform-d	4.65	84	14935	0.45	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.31	65	8308	0.46	ug/L		0.00
32) Benzene-d6	5.34	84	34300	0.48	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.32	67	9606	0.46	ug/L		0.00
41) Toluene-d8	7.57	98	31709	0.46	ug/L		0.00
43) trans-1,3-Dichloropropene-	7.85	79	3767	0.44	ug/L		0.00
46) 2-Hexanone-d5	8.31	63	16821	4.04	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	8389	0.45	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	13648	0.48	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	11034	0.487	ug/L		98
3) Chloromethane	1.33	50	10317	0.527	ug/L		97
5) Vinyl chloride	1.40	62	12249	0.495	ug/L	#	73
6) Bromomethane	1.63	94	6524	0.476	ug/L		92
8) Chloroethane	1.70	64	8564	0.534	ug/L		95
9) Trichlorofluoromethane	1.89	101	18944	0.516	ug/L		97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	11352	0.501	ug/L		97
12) 1,1-Dichloroethene	2.29	96	10760	0.500	ug/L		85
13) Acetone	2.32	43	15914	5.167	ug/L		99
14) Carbon disulfide	2.48	76	35846	0.507	ug/L	#	94
15) Methyl Acetate	2.62	43	4997	0.556	ug/L		90
16) Methylene chloride	2.70	84	15927	0.625	ug/L		92
17) Methyl tert-butyl Ether	3.00	73	25668	0.498	ug/L		97
18) trans-1,2-Dichloroethene	2.98	96	12335	0.526	ug/L		94
19) 1,1-Dichloroethane	3.44	63	17403	0.477	ug/L		100
21) 2-Butanone	4.28	43	19839	4.643	ug/L		98
22) cis-1,2-Dichloroethene	4.22	96	10723	0.500	ug/L		98
23) Bromochloromethane	4.54	128	4523	0.467	ug/L	#	90
25) Chloroform	4.67	83	18827	0.515	ug/L		98
27) 1,2-Dichloroethane	5.40	62	10452	0.484	ug/L		96
29) 1,1,1-Trichloroethane	4.91	97	14343	0.498	ug/L		96
30) Cyclohexane	4.99	56	14550	0.510	ug/L		97
31) Carbon tetrachloride	5.13	117	12197	0.487	ug/L		99
33) Benzene	5.39	78	37570	0.513	ug/L		100
34) Trichloroethene	6.18	95	10422	0.510	ug/L		95
35) Methylcyclohexane	6.41	83	16165	0.488	ug/L		97
37) 1,2-Dichloropropane	6.43	63	9516	0.516	ug/L		98
38) Bromodichloromethane	6.75	83	11359	0.493	ug/L		90
39) cis-1,3-Dichloropropene	7.27	75	12197	0.452	ug/L		95
40) 4-Methyl-2-pentanone	7.46	43	48714	4.698	ug/L		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022119\

Quantitation Report (Not Reviewed)

Data File : VU029587.D
Acq On : 21 Feb 2019 10:41
Operator : JC/SP
Sample : VSTD0.546
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Quant Time: Feb 22 02:41:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 02:38:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.64	91	40966	0.493	ug/L		97
44) trans-1,3-Dichloropropene	7.88	75	9531	0.440	ug/L		100
45) 1,1,2-Trichloroethane	8.07	97	7400	0.512	ug/L		93
47) Tetrachloroethene	8.23	164	9743	0.513	ug/L		94
48) 2-Hexanone	8.37	43	36238	4.779	ug/L		96
49) Dibromochloromethane	8.48	129	8292	0.474	ug/L		95
50) 1,2-Dibromoethane	8.59	107	6945	0.491	ug/L	#	98
51) Chlorobenzene	9.12	112	28373	0.497	ug/L		100
52) Ethylbenzene	9.25	91	44361	0.477	ug/L		98
53) m,p-xylene	9.37	106	18196	0.489	ug/L		98
54) o-xylene	9.78	106	16775	0.468	ug/L		100
55) Styrene	9.79	104	27401	0.457	ug/L		99
56) Isopropylbenzene	10.16	105	44863	0.466	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.46	83	8711	0.489	ug/L		98
59) 1,2,3-Trichloropropane	10.49	75	5951	0.483	ug/L		98
61) Bromoform	9.96	173	4333	0.448	ug/L		93
62) 1,3-Dichlorobenzene	11.42	146	23284	0.503	ug/L		99
63) 1,4-Dichlorobenzene	11.50	146	24519	0.522	ug/L		99
65) 1,2-Dichlorobenzene	11.88	146	22980	0.514	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.66	75	1354	0.515	ug/L	#	75
67) 1,3,5-Trichlorobenzene	12.89	180	19187	0.515	ug/L		98
68) 1,2,4-trichlorobenzene	13.51	180	14334	0.455	ug/L		96
69) Naphthalene	13.75	128	19529	0.401	ug/L		97
70) 1,2,3-Trichlorobenzene	13.99	180	14619	0.495	ug/L		99

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

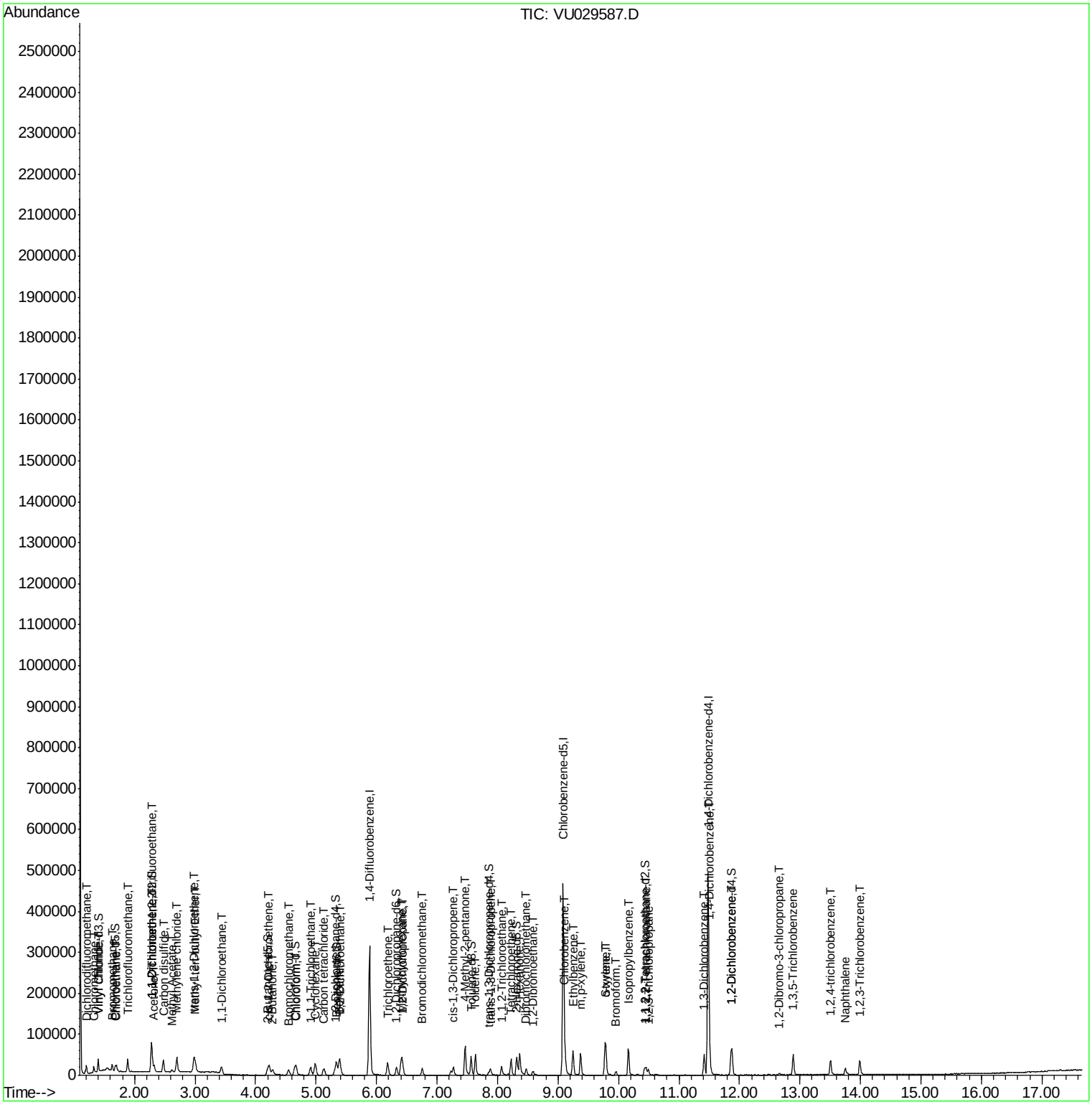
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022119\

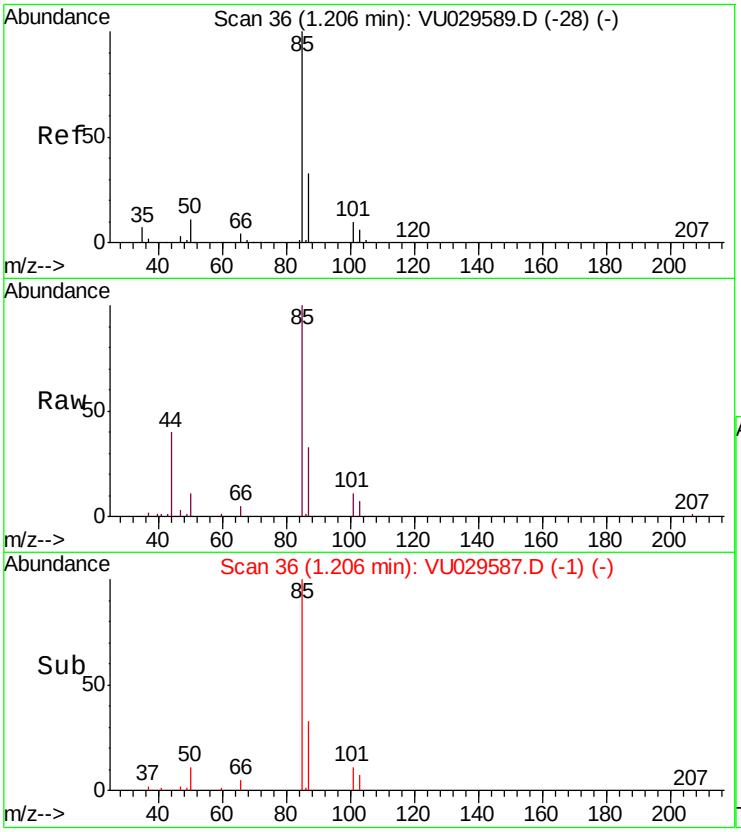
Quantitation Report (Not Reviewed)

Data File : VU029587.D
Acq On : 21 Feb 2019 10:41
Operator : JC/SP
Sample : VSTD0.546
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Quant Time: Feb 22 02:41:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 02:38:28 2019
Response via : Initial Calibration



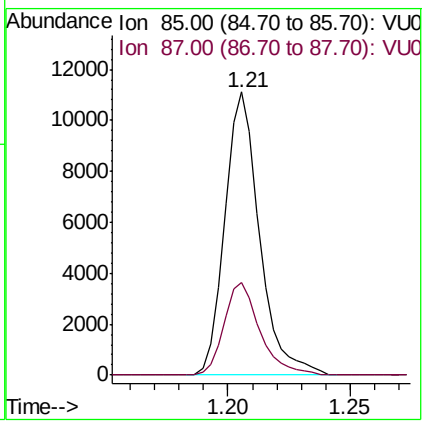


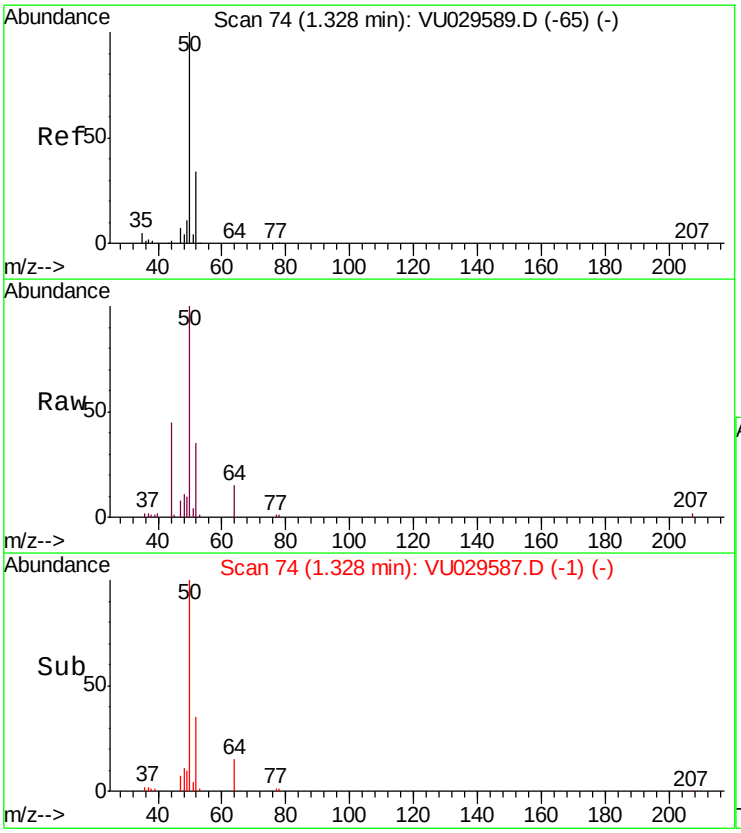
#2
Dichlorodifluoromethane
Concen: 0.487 ug/L
RT: 1.21 min Scan# 36
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 85 Resp: 11034

Ion	Ratio	Lower	Upper
85	100		
87	33.9	26.2	39.4

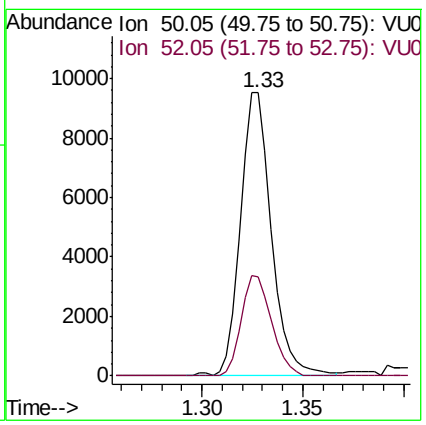


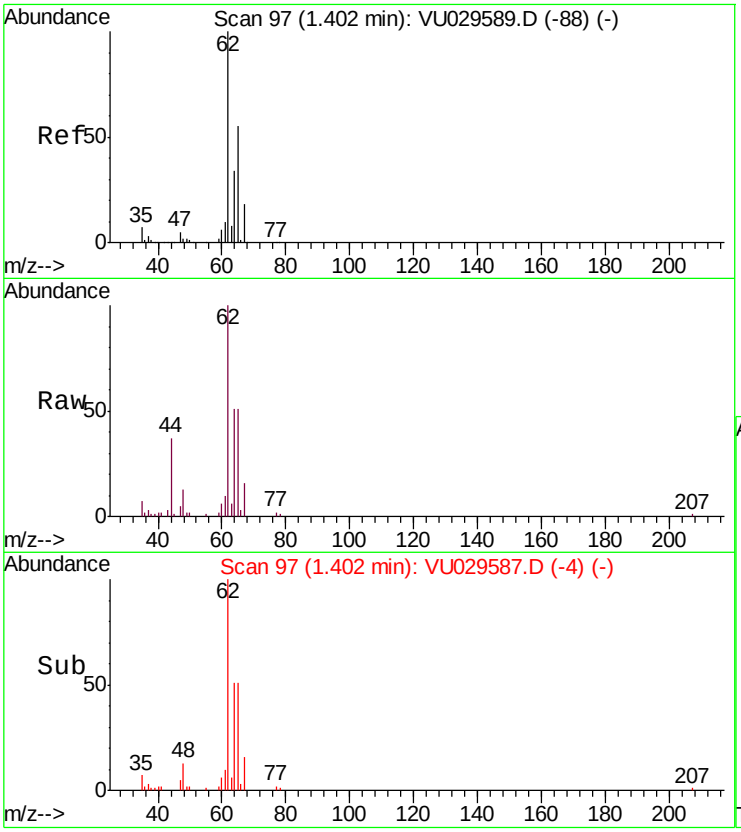


#3
Chloromethane
Concen: 0.527 ug/L
RT: 1.33 min Scan# 74
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 50 Resp: 10317

Ion	Ratio	Lower	Upper
50	100		
52	35.0	23.5	43.7



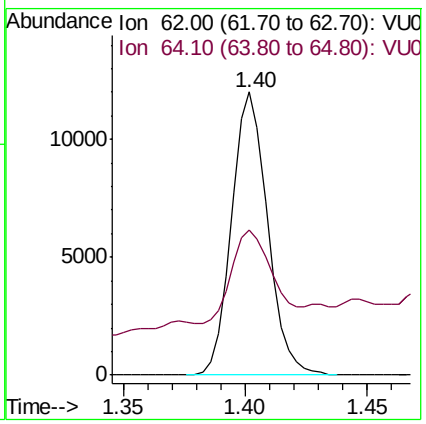


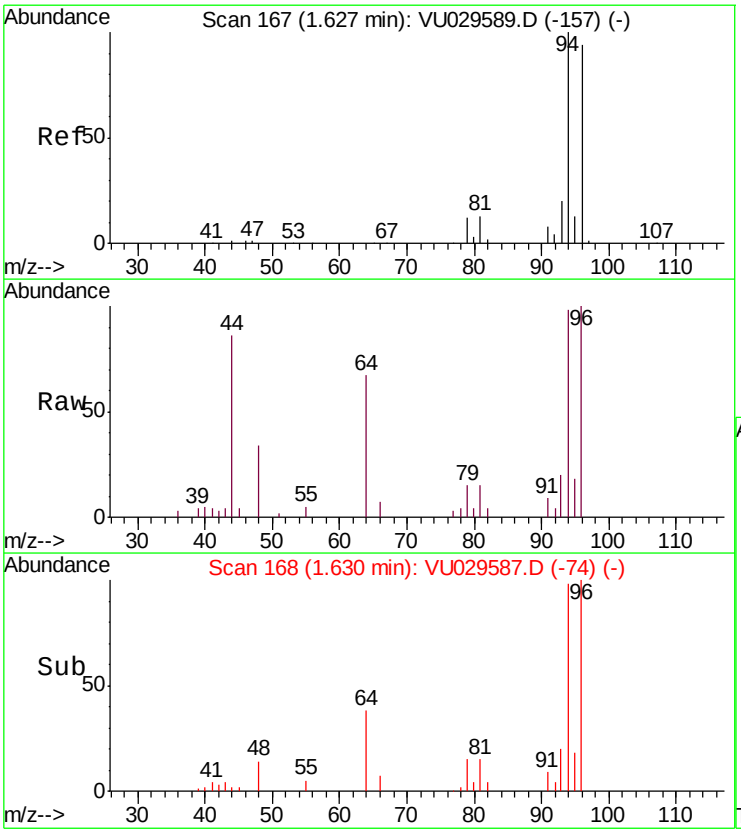
#5
Vinyl chloride
Concen: 0.495 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 62 Resp: 12249

Ion	Ratio	Lower	Upper
62	100		
64	51.3	24.8	46.1#

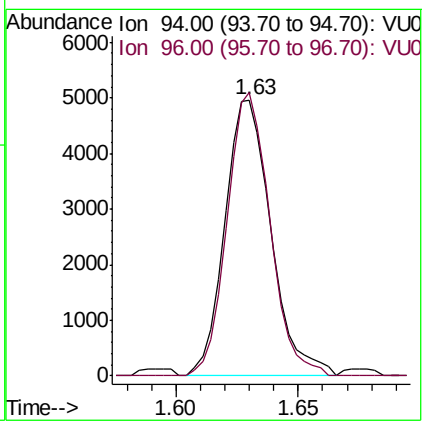


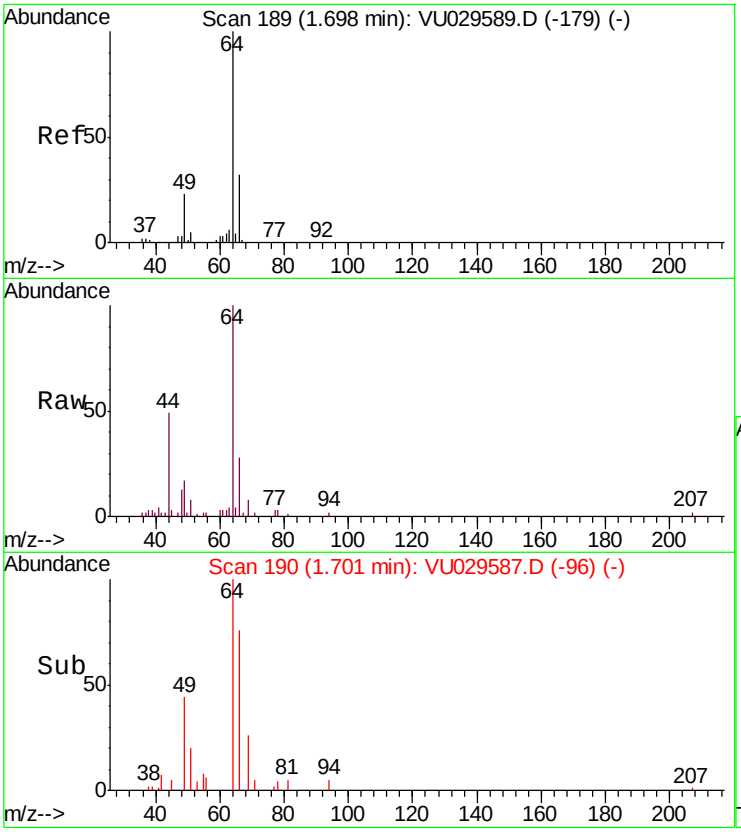


#6
Bromomethane
Concen: 0.476 ug/L
RT: 1.63 min Scan# 168
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 94 Resp: 6524

Ion	Ratio	Lower	Upper
94	100		
96	102.5	66.0	122.6



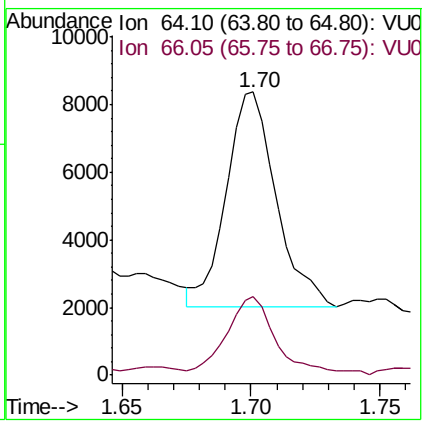


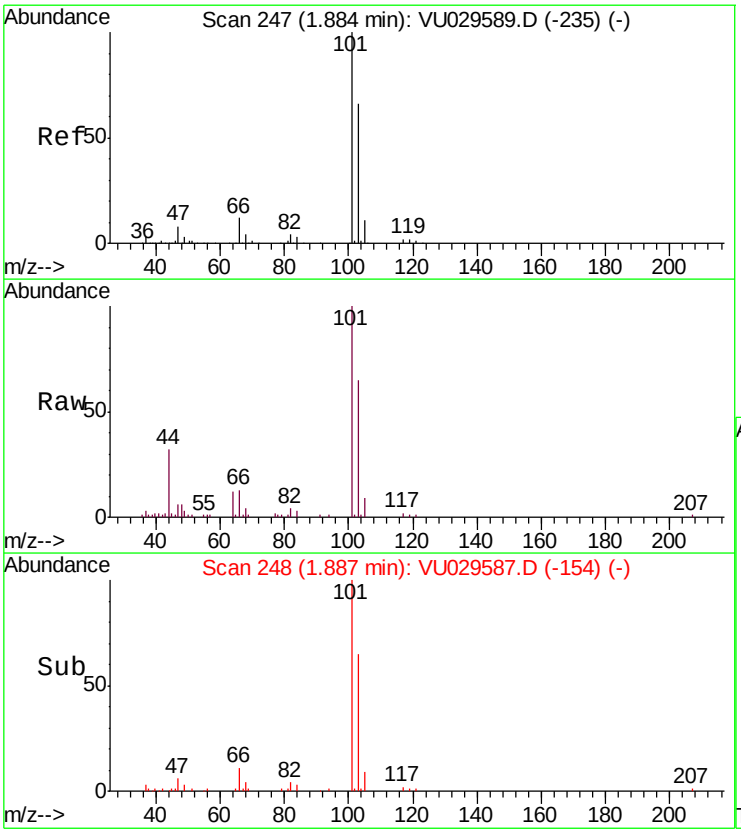
#8
Chloroethane
Concen: 0.534 ug/L
RT: 1.70 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion: 64 Resp: 8564

Ion	Ratio	Lower	Upper
64	100		
66	27.8	21.4	39.8

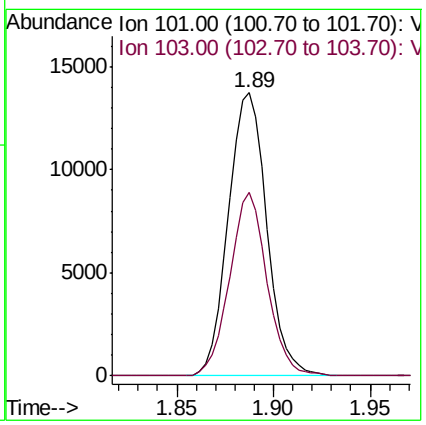


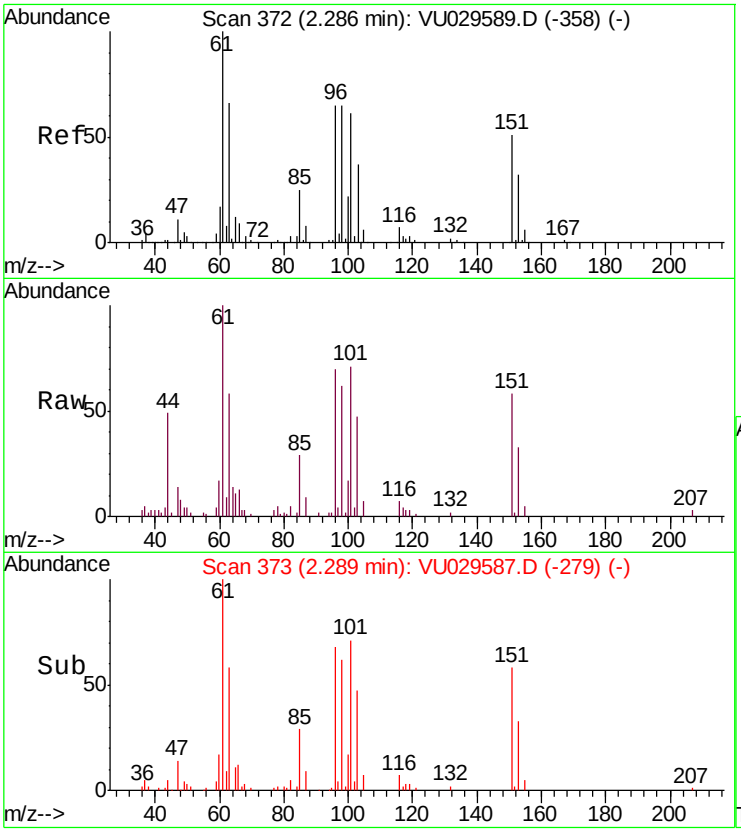


#9
Trichlorofluoromethane
Concen: 0.516 ug/L
RT: 1.89 min Scan# 248
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:101 Resp: 18944

Ion	Ratio	Lower	Upper
101	100		
103	63.1	52.5	78.7



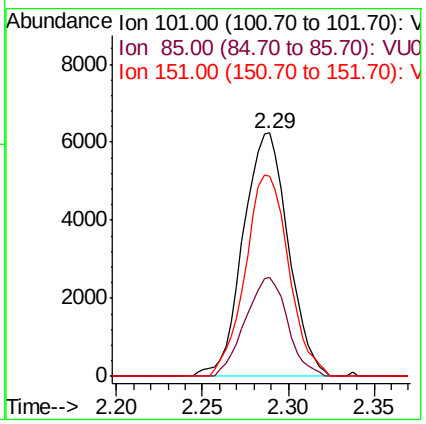


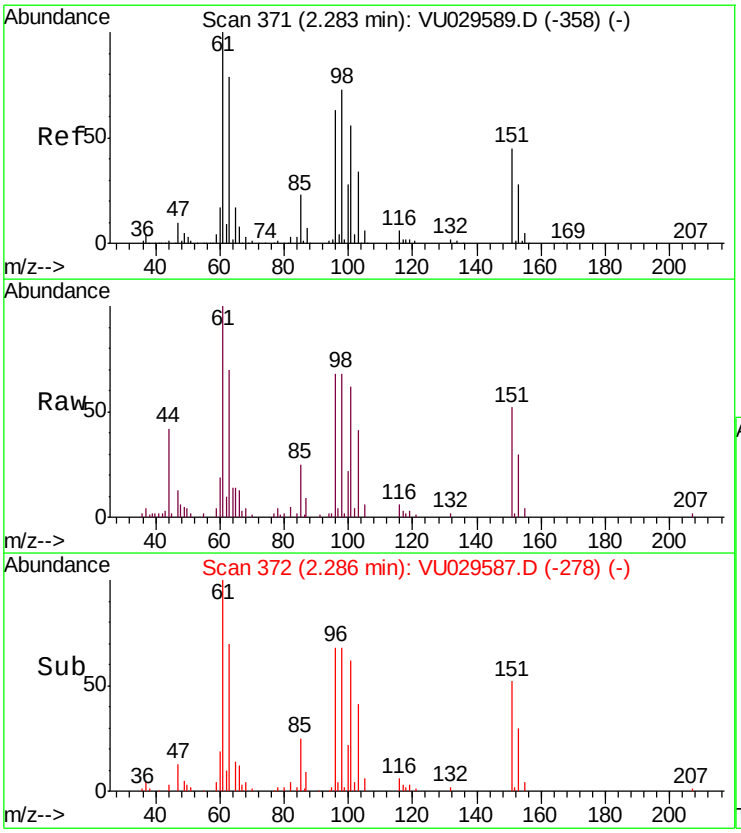
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.501 ug/L
RT: 2.29 min Scan# 373
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion:101 Resp: 11352

Ion	Ratio	Lower	Upper
101	100		
85	38.1	32.8	49.2
151	79.8	65.9	98.9

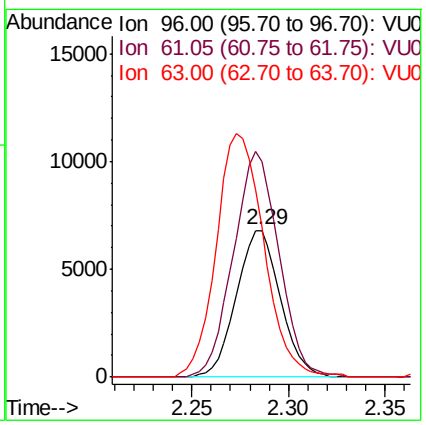


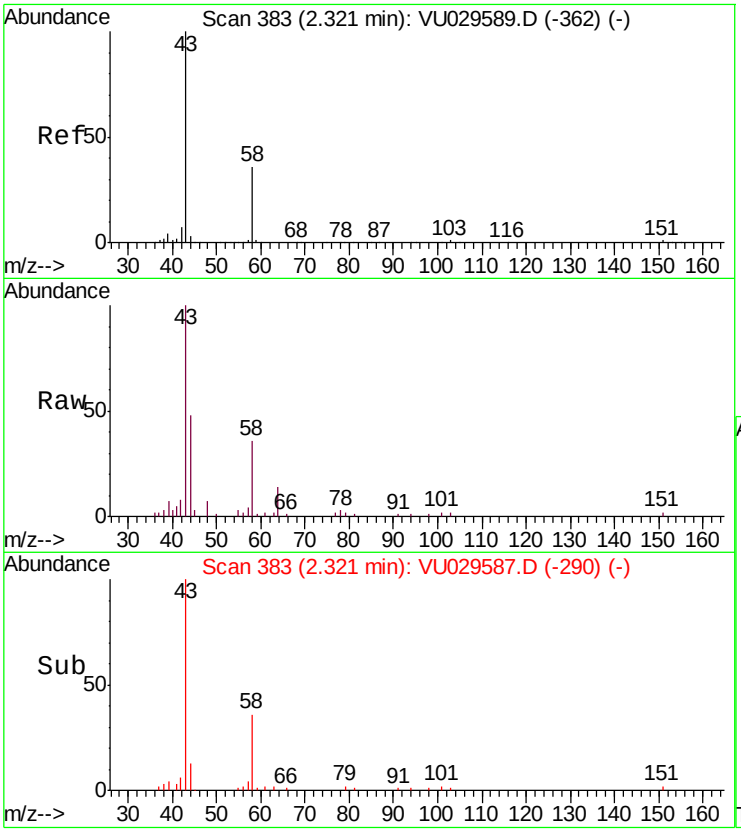


#12
1,1-Dichloroethene
Concen: 0.500 ug/L
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 96 Resp: 10760

Ion	Ratio	Lower	Upper
96	100		
61	146.6	111.3	206.7
63	102.3	88.5	164.3



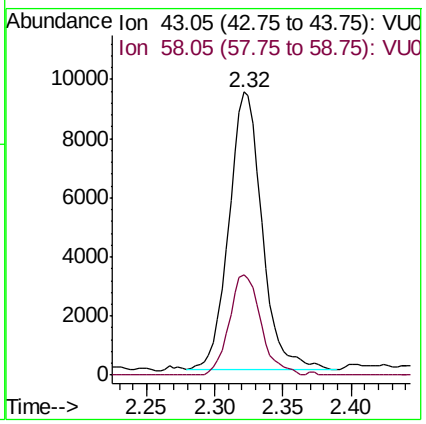


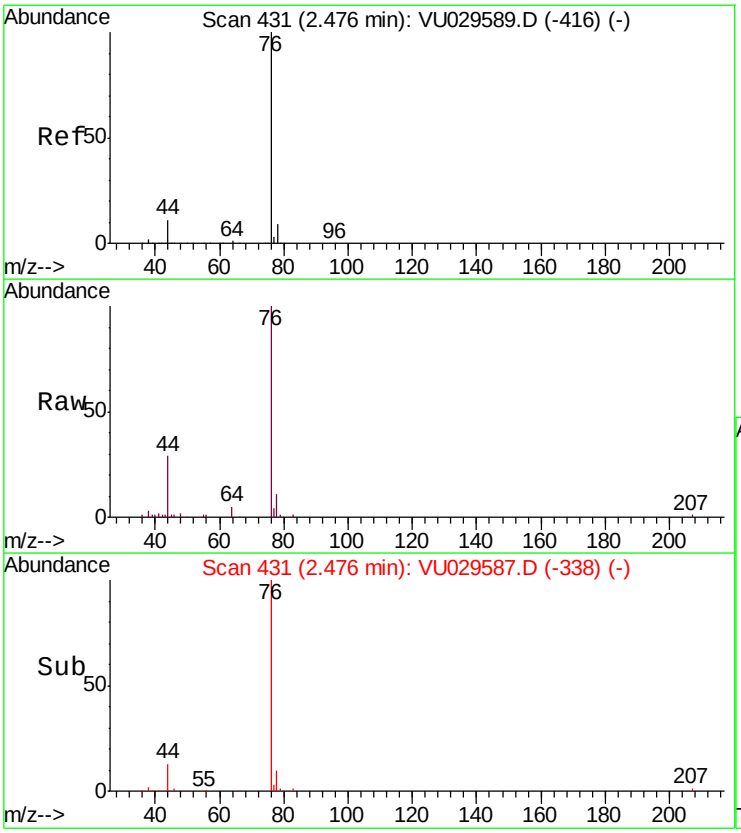
#13
Acetone
Concen: 5.167 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 43 Resp: 15914

Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	70.2

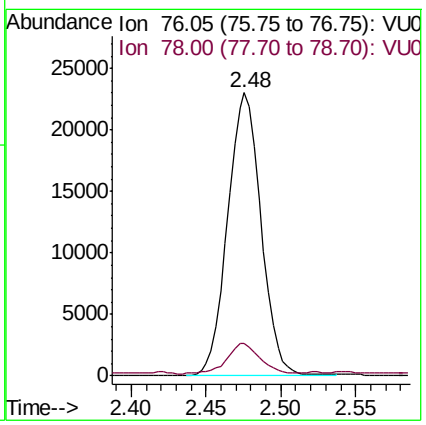


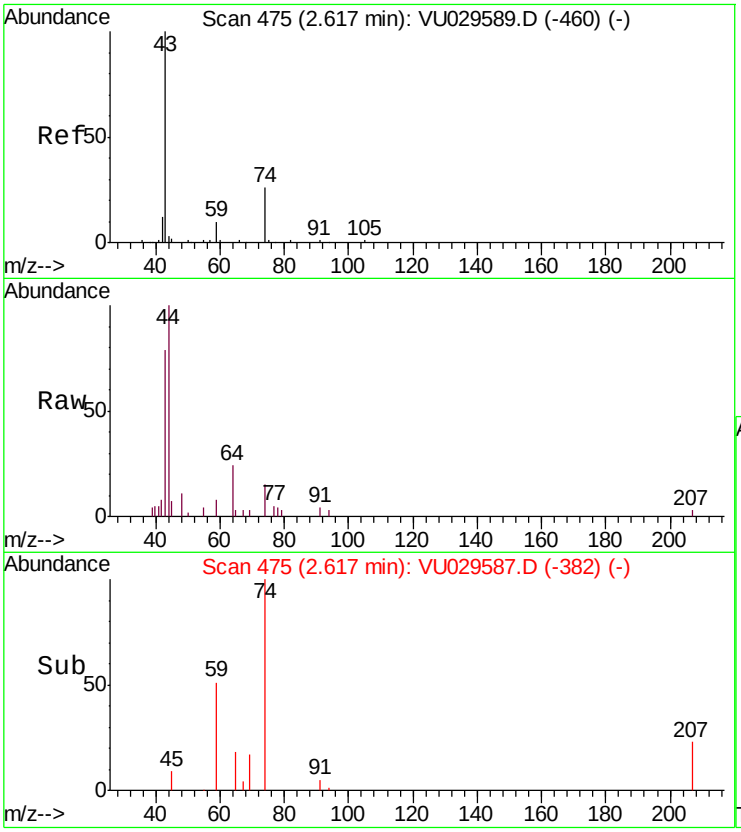


#14
Carbon disulfide
Concen: 0.507 ug/L
RT: 2.48 min Scan# 431
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 76 Resp: 35846

Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.4	11.0#



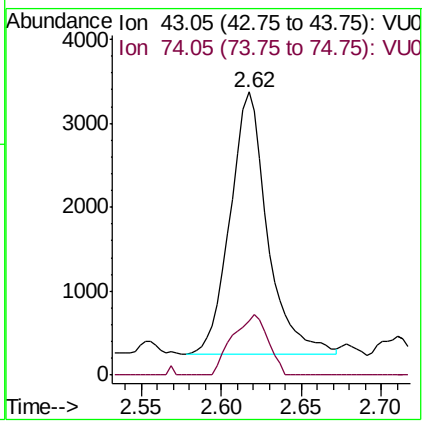


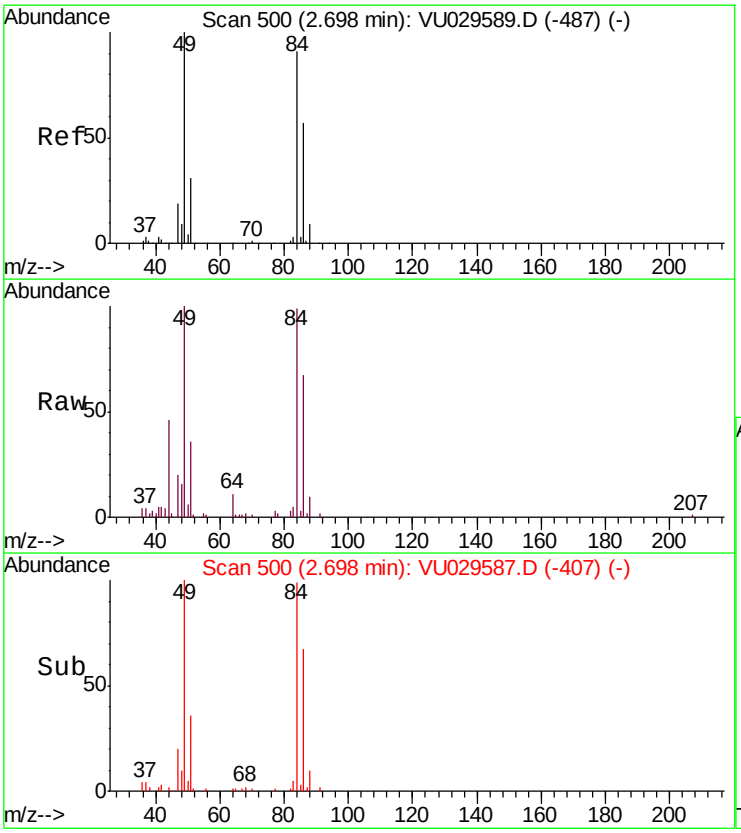
#15
Methyl Acetate
Concen: 0.556 ug/L
RT: 2.62 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 43 Resp: 4997

Ion	Ratio	Lower	Upper
43	100		
74	21.8	21.6	32.4

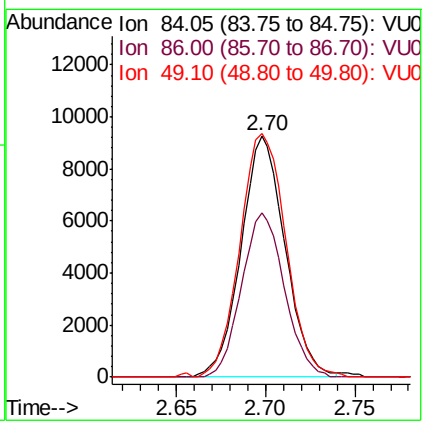


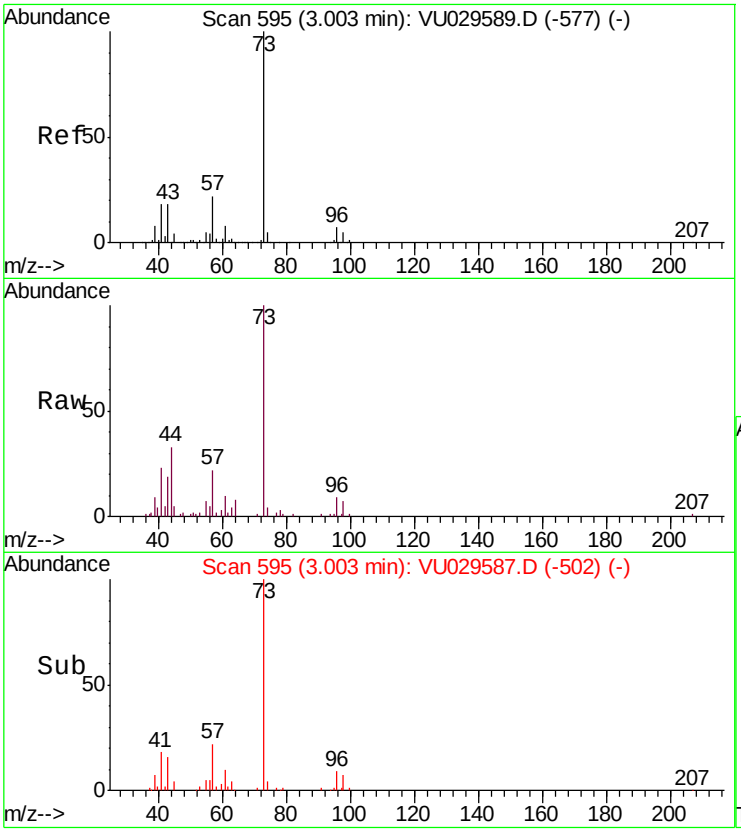


#16
Methylene chloride
Concen: 0.625 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 84 Resp: 15927

Ion	Ratio	Lower	Upper
84	100		
86	68.0	44.2	82.0
49	100.9	77.3	143.5



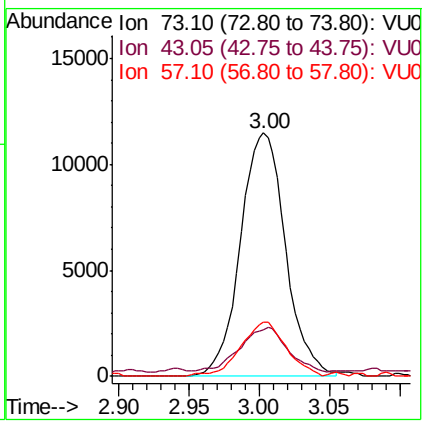


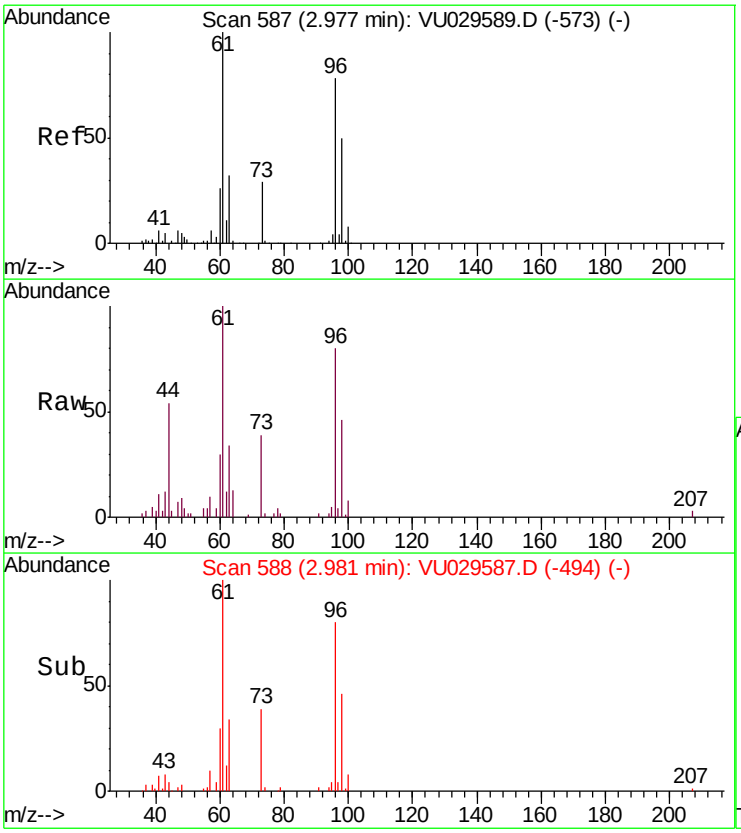
#17
Methyl tert-butyl Ether
Concen: 0.498 ug/L
RT: 3.00 min Scan# 595
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion: 73 Resp: 25668

Ion	Ratio	Lower	Upper
73	100		
43	19.1	13.8	20.8
57	22.7	17.4	26.2

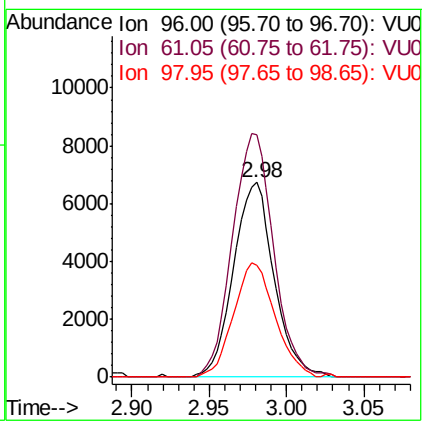


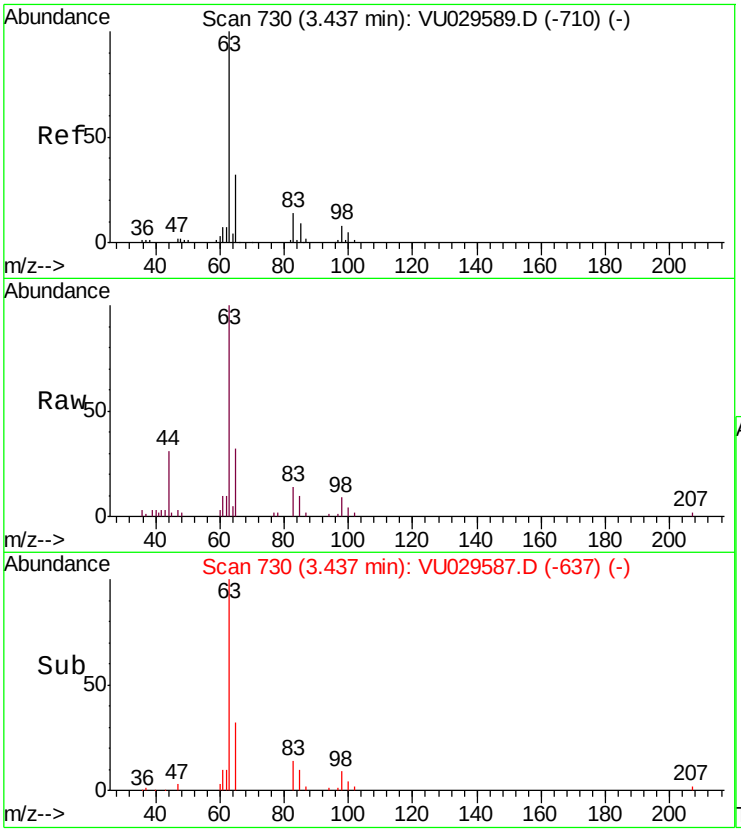


#18
trans-1,2-Dichloroethene
Concen: 0.526 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 96 Resp: 12335

Ion	Ratio	Lower	Upper
96	100		
61	124.4	90.3	167.7
98	57.6	45.2	84.0



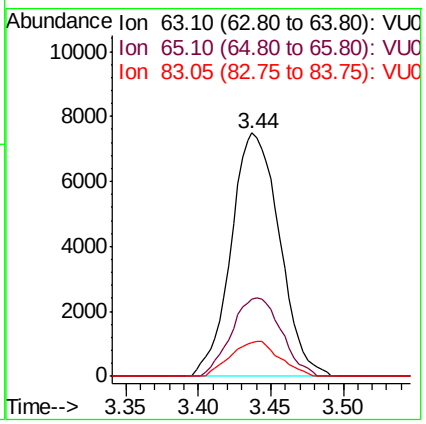


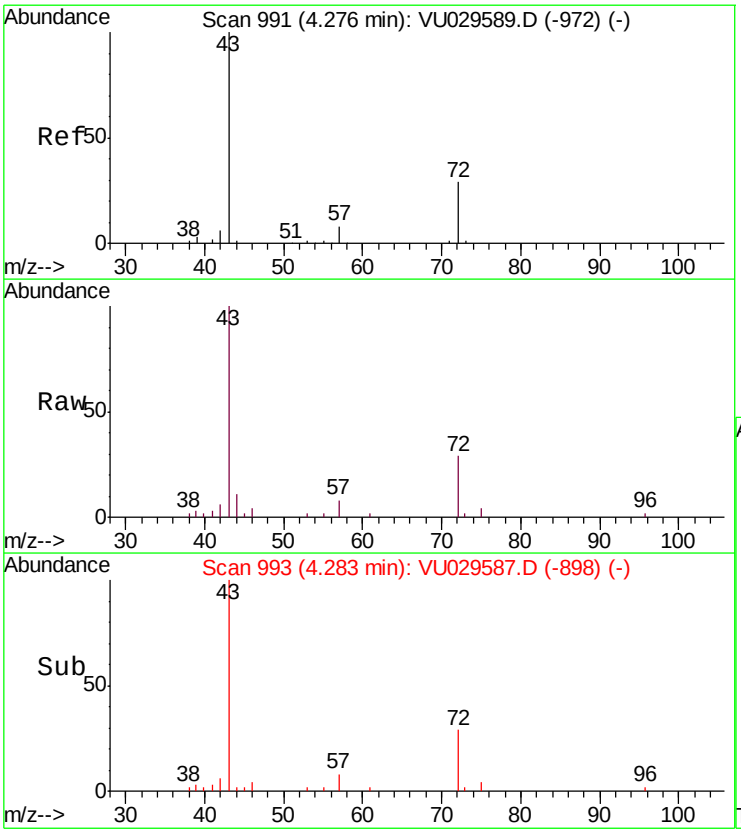
#19
1,1-Dichloroethane
Concen: 0.477 ug/L
RT: 3.44 min Scan# 730
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 63 Resp: 17403

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.5
83	14.1	9.9	18.5

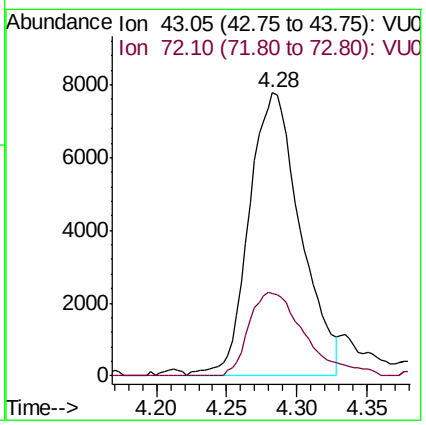


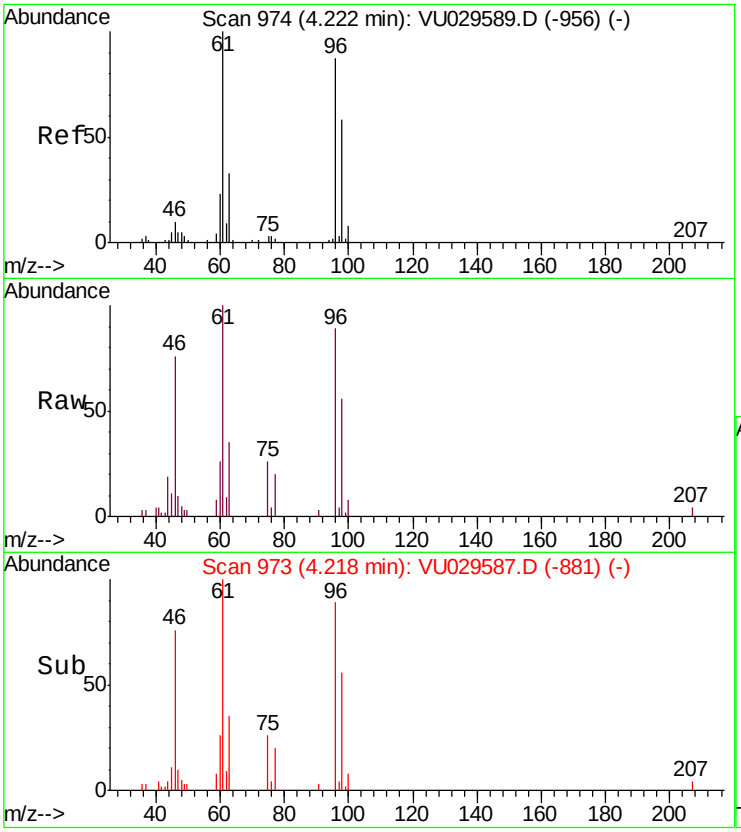


#21
2-Butanone
Concen: 4.643 ug/L
RT: 4.28 min Scan# 993
Delta R.T. 0.01 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 43 Resp: 19839

Ion	Ratio	Lower	Upper
43	100		
72	32.2	15.4	46.4



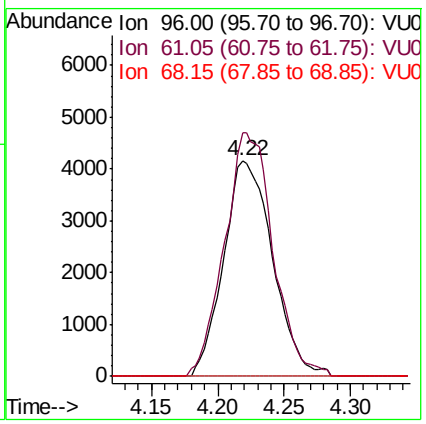


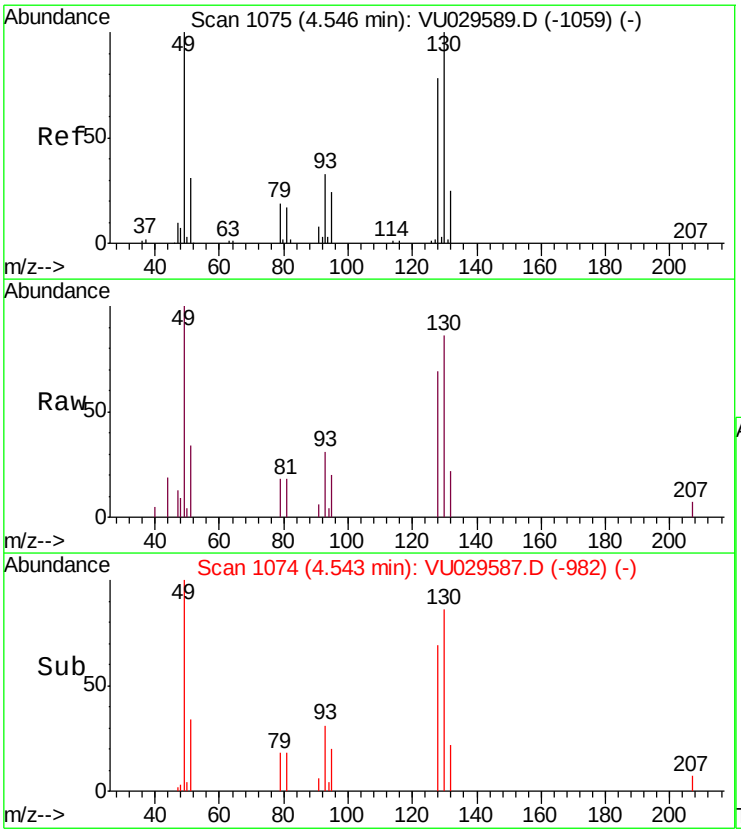
#22
cis-1,2-Dichloroethene
Concen: 0.500 ug/L
RT: 4.22 min Scan# 973
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 96 Resp: 10723

Ion	Ratio	Lower	Upper
96	100		
61	112.7	80.2	149.0
68	0.0	0.0	0.0

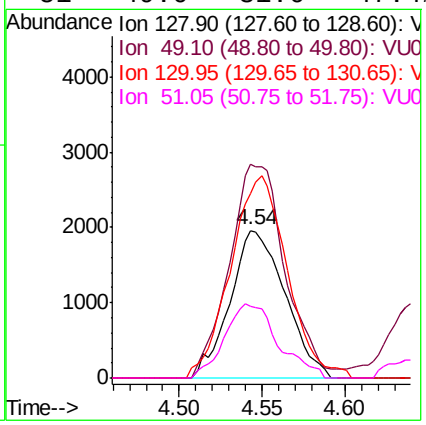


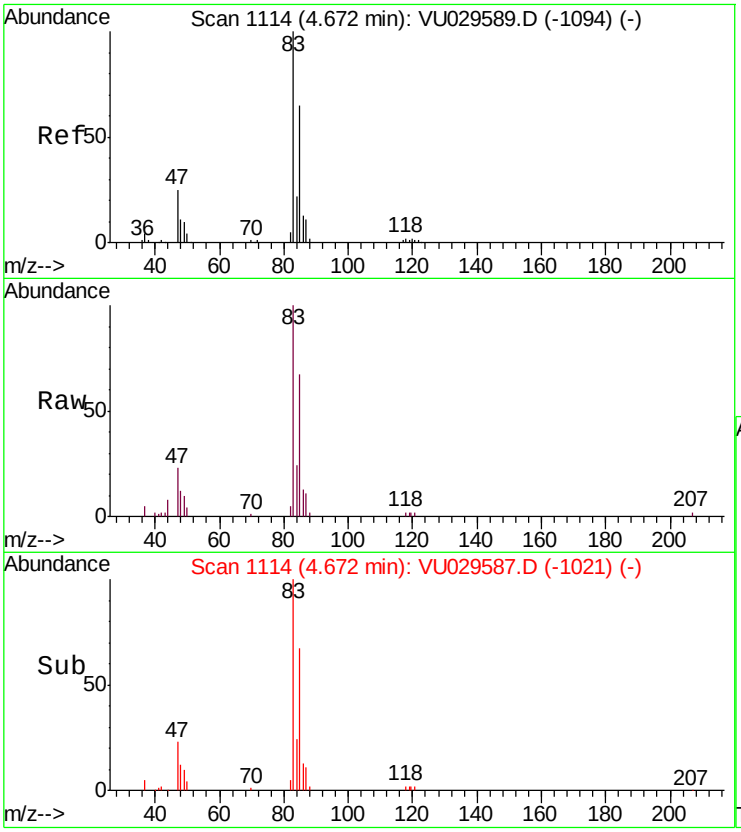


#23
Bromochloromethane
Concen: 0.467 ug/L
RT: 4.54 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:128 Resp: 4523

Ion	Ratio	Lower	Upper
128	100		
49	145.0	89.6	166.4
130	125.2	90.1	167.3
51	49.0	31.6	47.4#



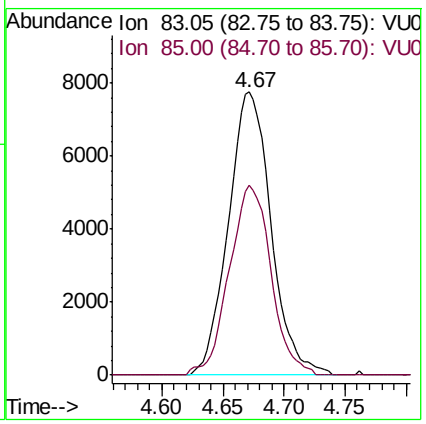


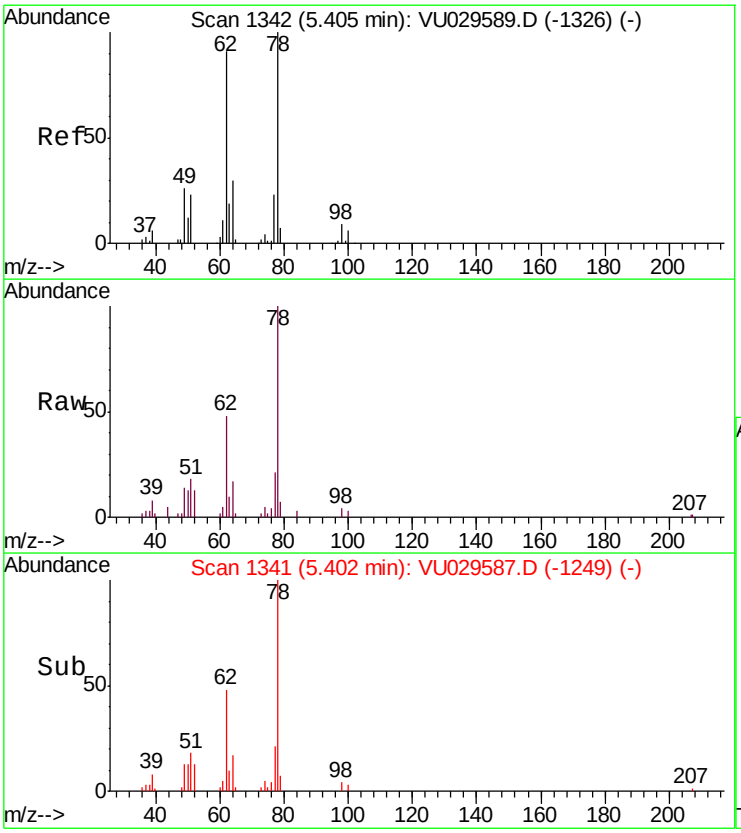
#25
Chloroform
Concen: 0.515 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion: 83 Resp: 18827

Ion	Ratio	Lower	Upper
83	100		
85	66.9	45.6	84.6

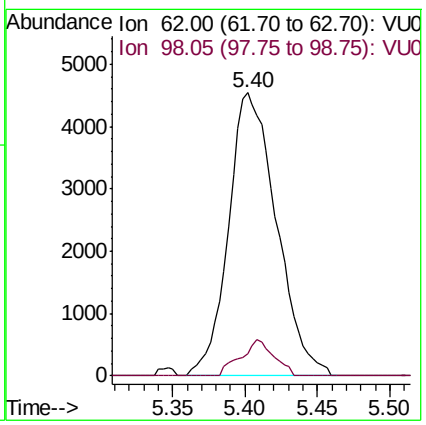


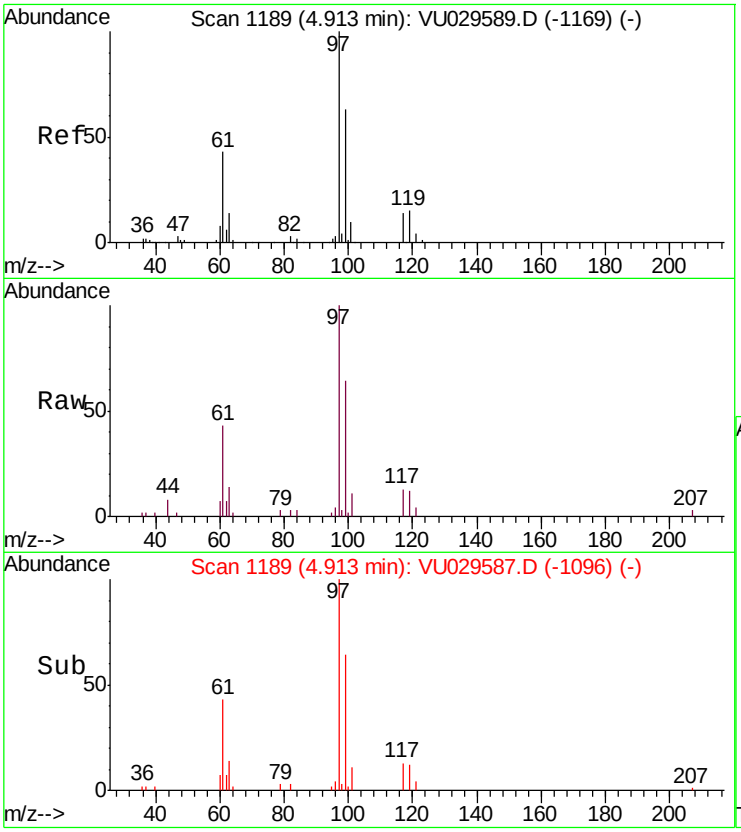


#27
1,2-Dichloroethane
Concen: 0.484 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 62 Resp: 10452

Ion	Ratio	Lower	Upper
62	100		
98	7.9	7.6	11.4



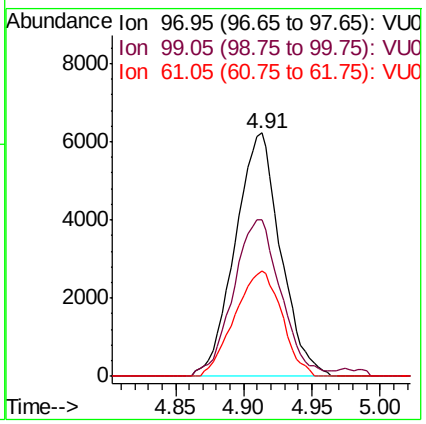


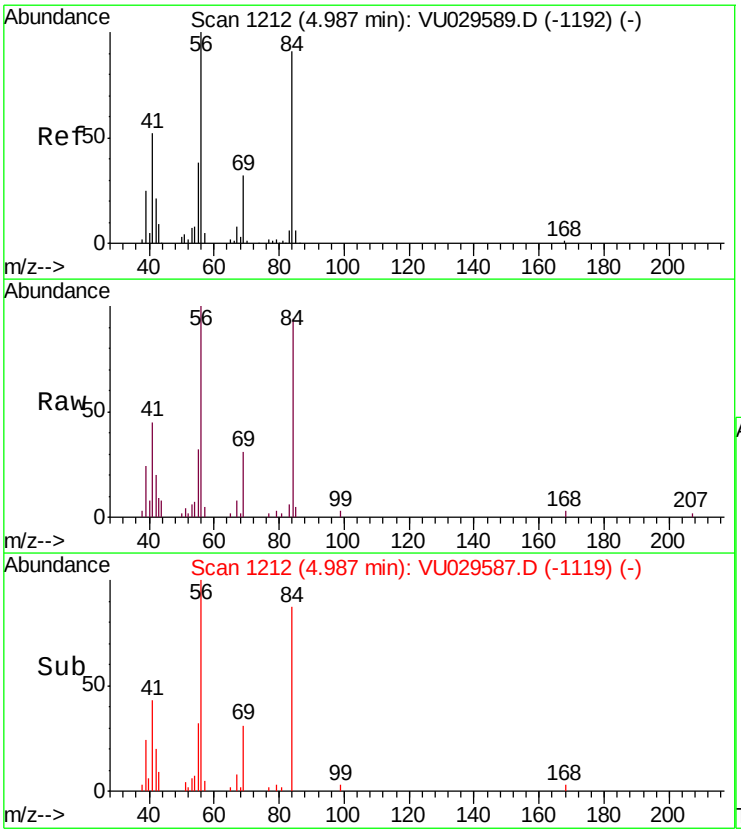
#29
1,1,1-Trichloroethane
Concen: 0.498 ug/L
RT: 4.91 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 97 Resp: 14343

Ion	Ratio	Lower	Upper
97	100		
99	67.7	52.2	78.2
61	44.8	33.5	50.3

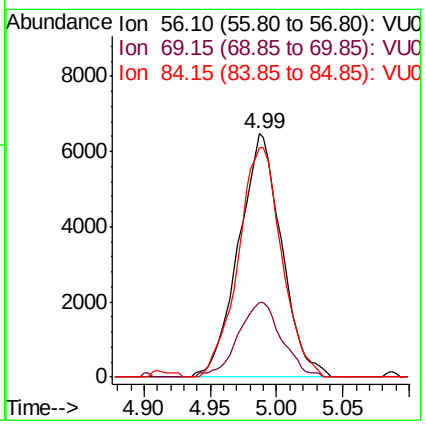


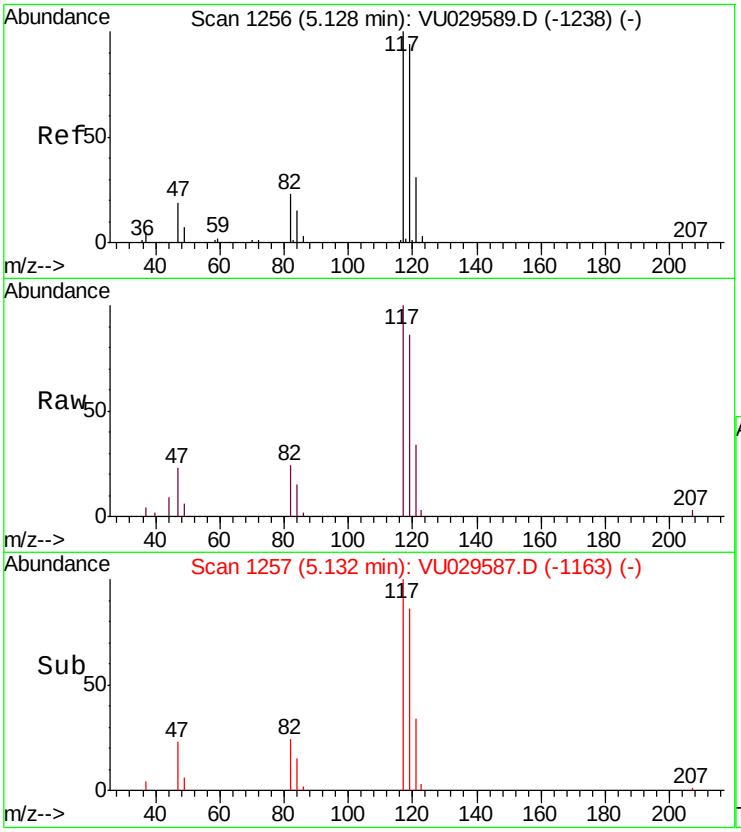


#30
Cyclohexane
Concen: 0.510 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 56 Resp: 14550

Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.8	38.8
84	95.7	73.5	110.3



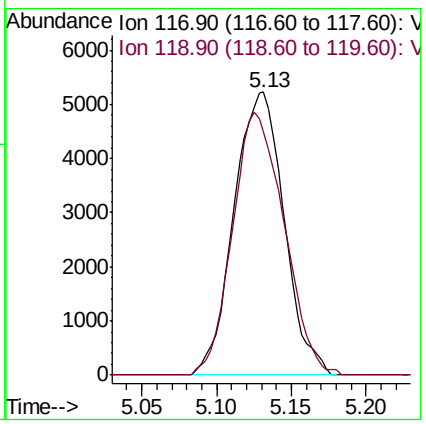


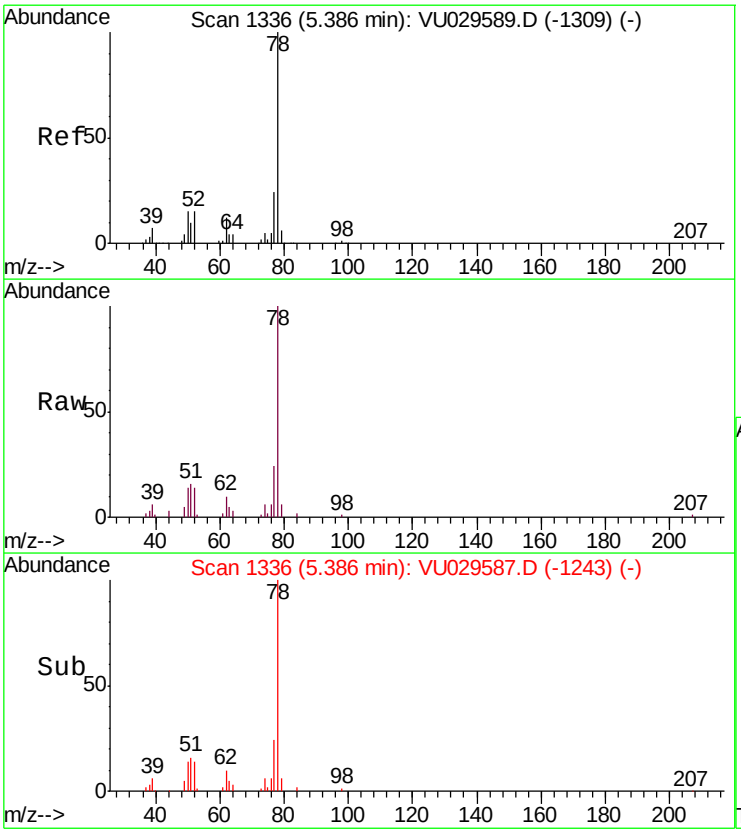
#31
Carbon tetrachloride
Concen: 0.487 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion:117 Resp: 12197

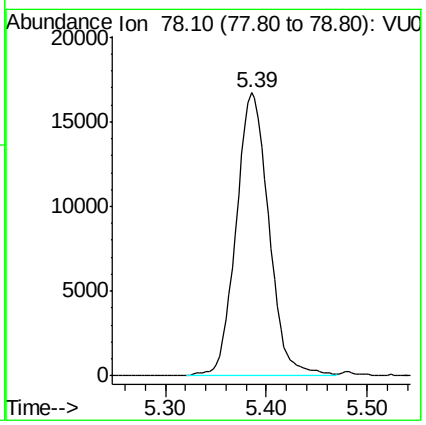
Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.8	113.8

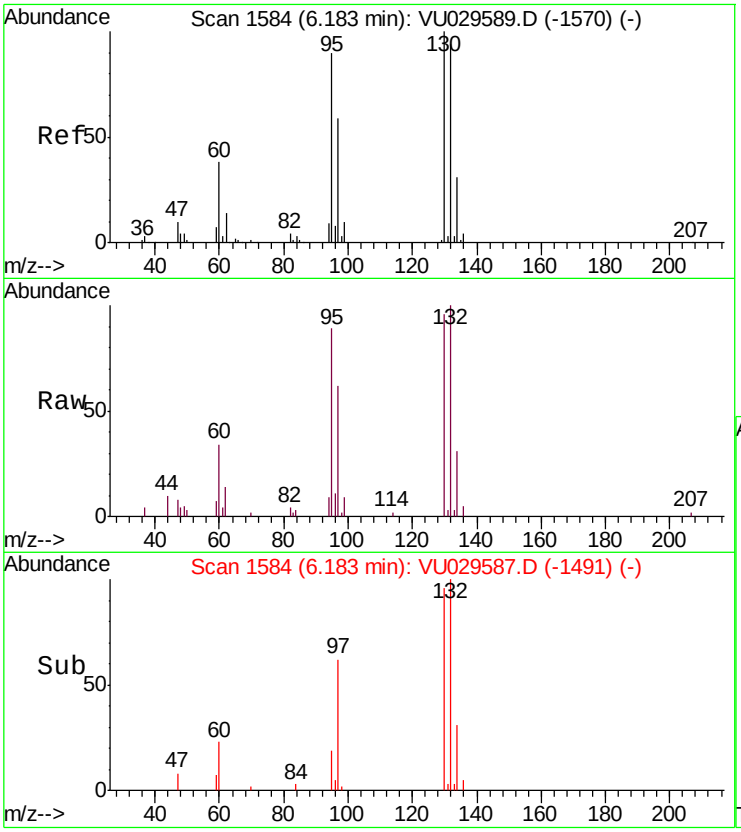




#33
Benzene
Concen: 0.513 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 78 Resp: 37570



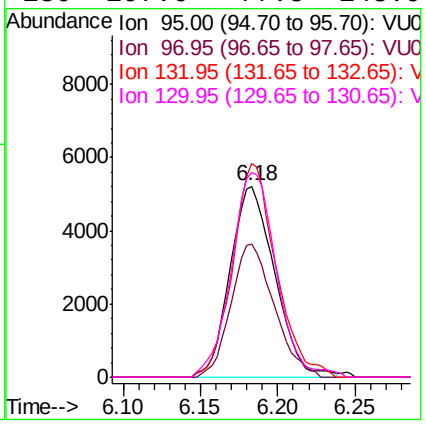


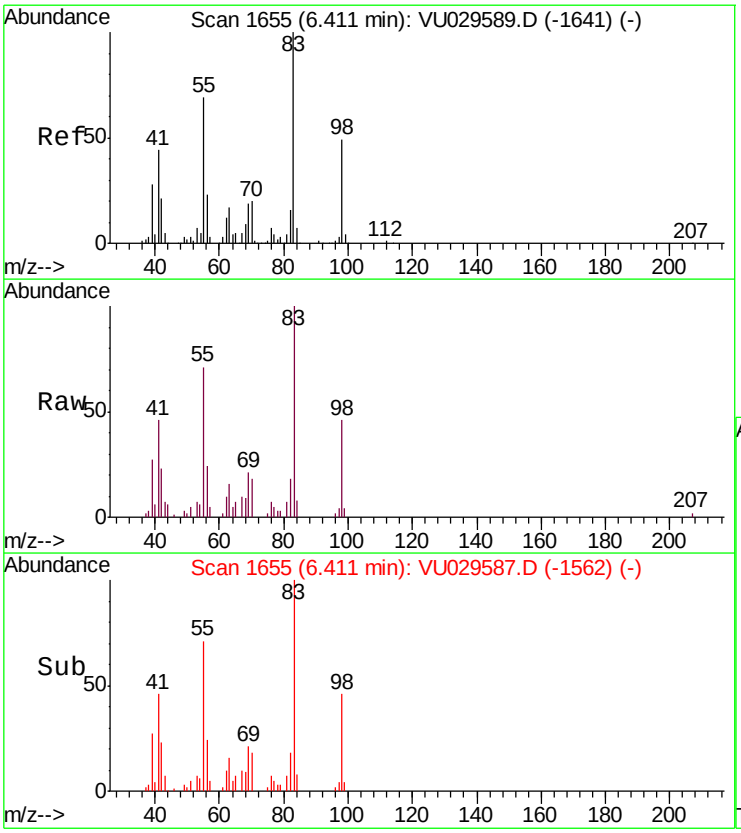
#34
Trichloroethene
Concen: 0.510 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 95 Resp: 10422

Ion	Ratio	Lower	Upper
95	100		
97	69.7	45.6	84.8
132	111.8	72.9	135.3
130	107.6	77.5	143.9

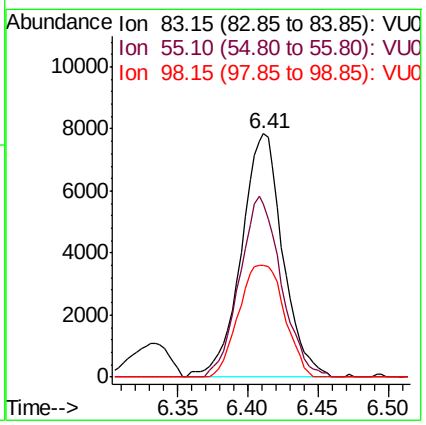


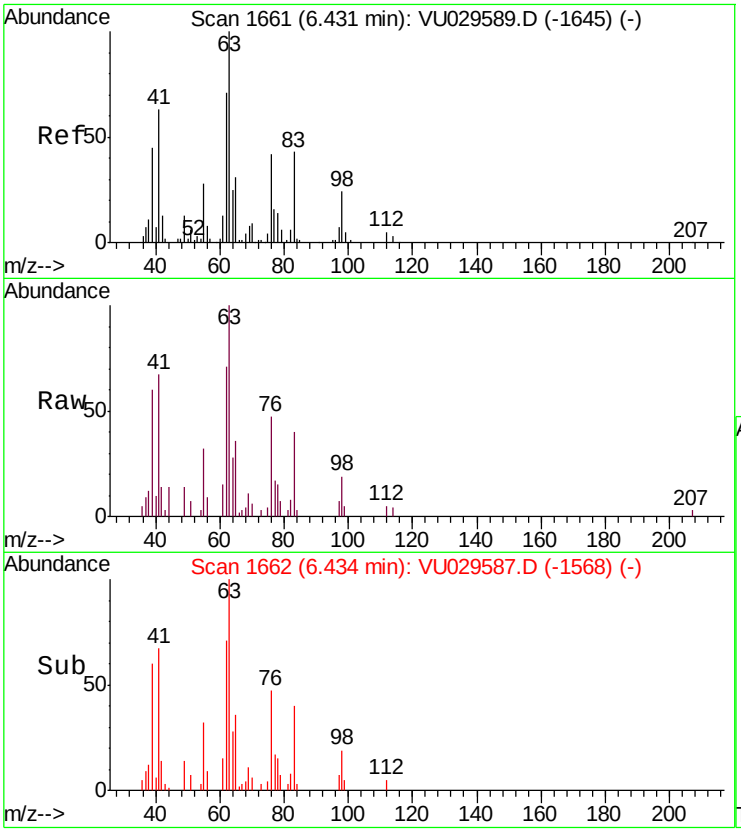


#35
Methylcyclohexane
Concen: 0.488 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 83 Resp: 16165

Ion	Ratio	Lower	Upper
83	100		
55	74.4	56.5	84.7
98	50.6	39.4	59.2



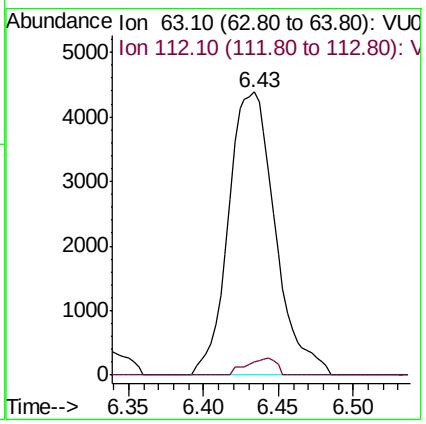


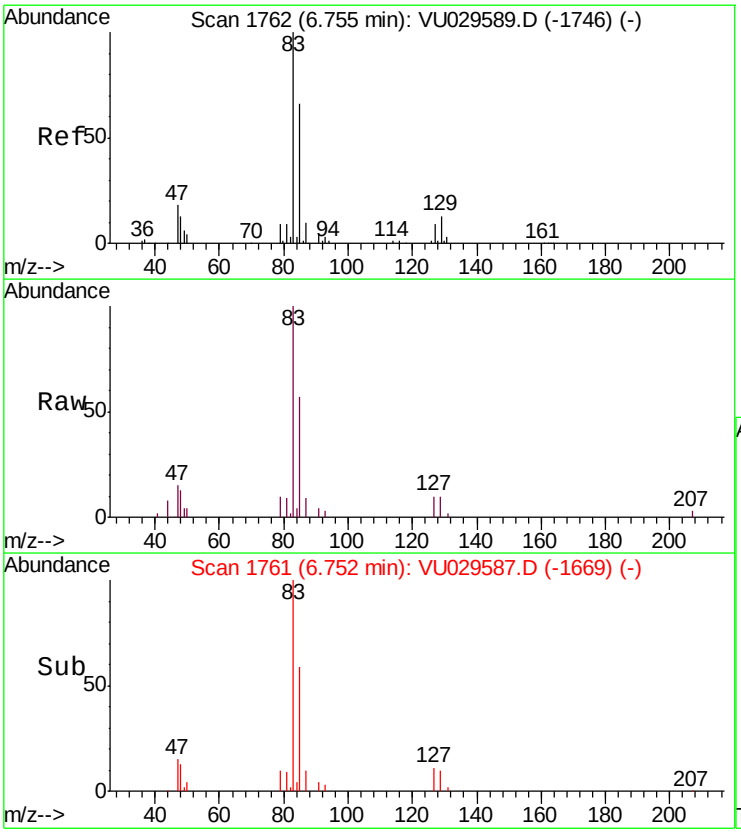
#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.43 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion: 63 Resp: 9516

Ion	Ratio	Lower	Upper
63	100		
112	3.9	3.6	5.4

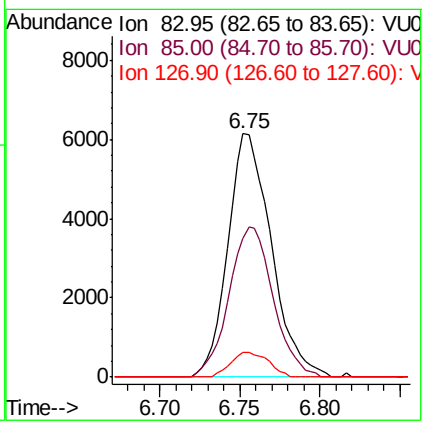


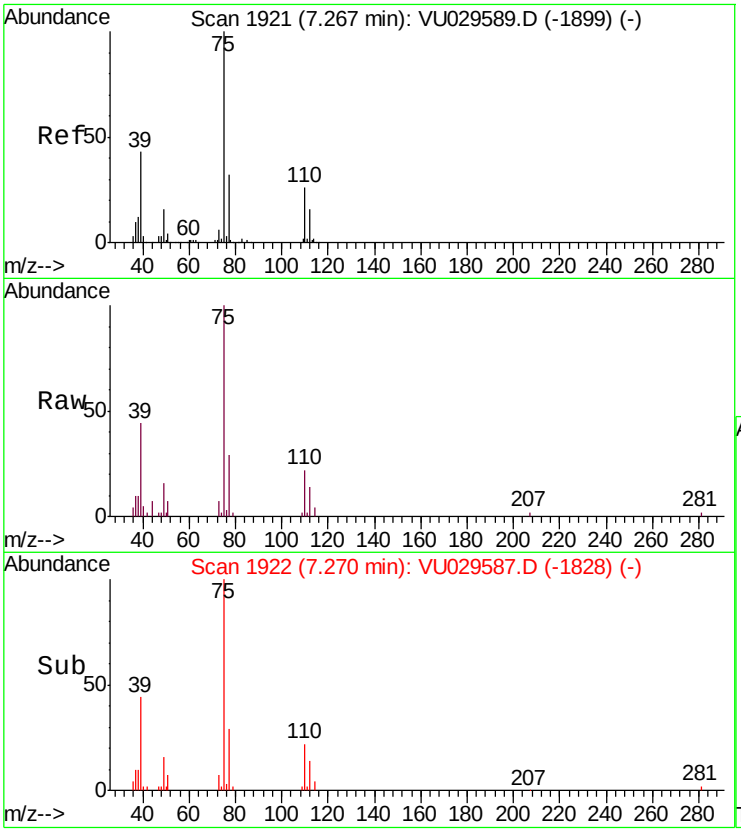


#38
Bromodichloromethane
Concen: 0.493 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 83 Resp: 11359

Ion	Ratio	Lower	Upper
83	100		
85	57.2	46.1	85.5
127	10.4	7.5	11.3



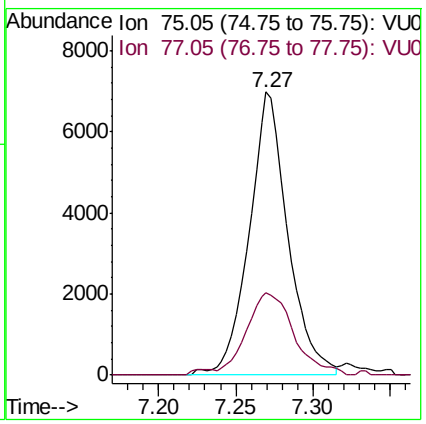


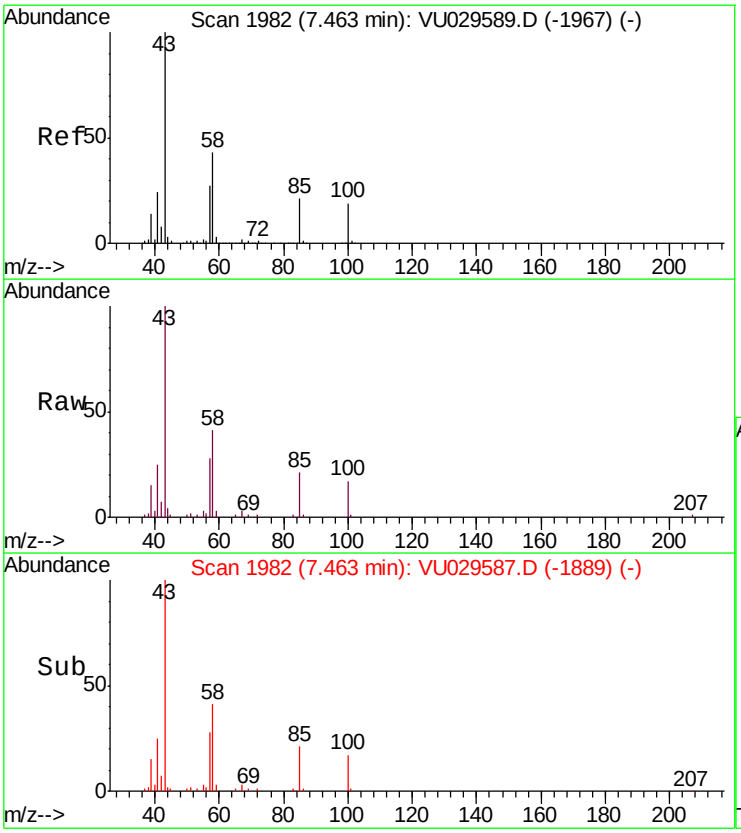
#39
cis-1,3-Dichloropropene
Concen: 0.452 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 75 Resp: 12197

Ion	Ratio	Lower	Upper
75	100		
77	29.1	22.3	41.5

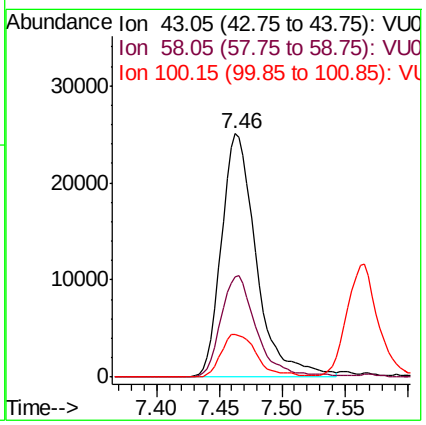


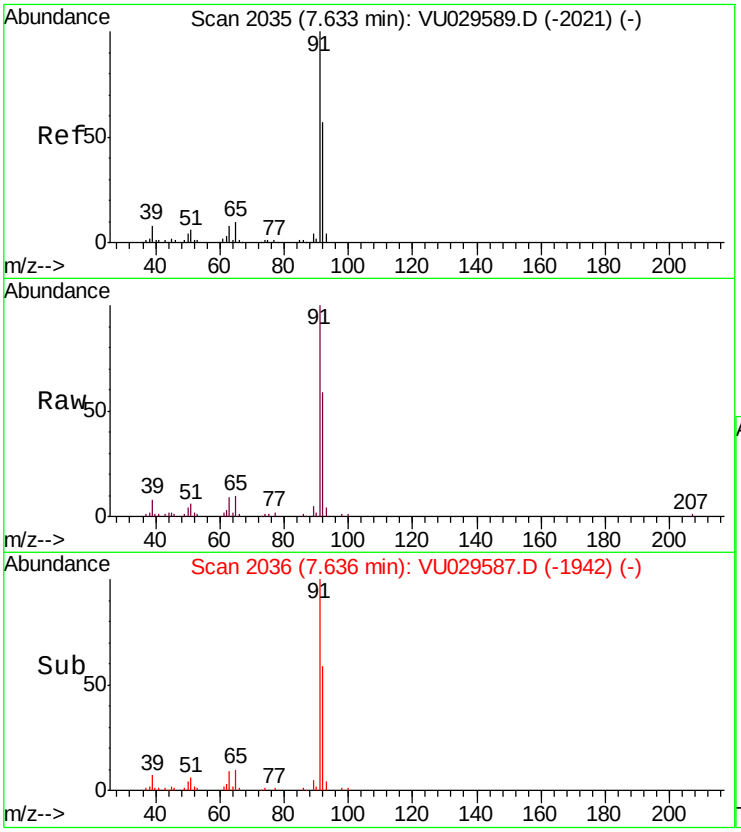


#40
4-Methyl-2-pentanone
Concen: 4.698 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 43 Resp: 48714

Ion	Ratio	Lower	Upper
43	100		
58	41.8	33.8	50.8
100	18.0	14.2	21.2



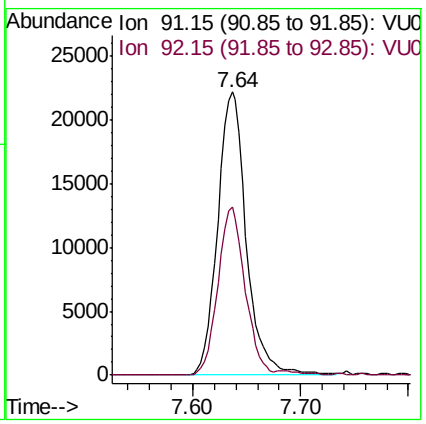


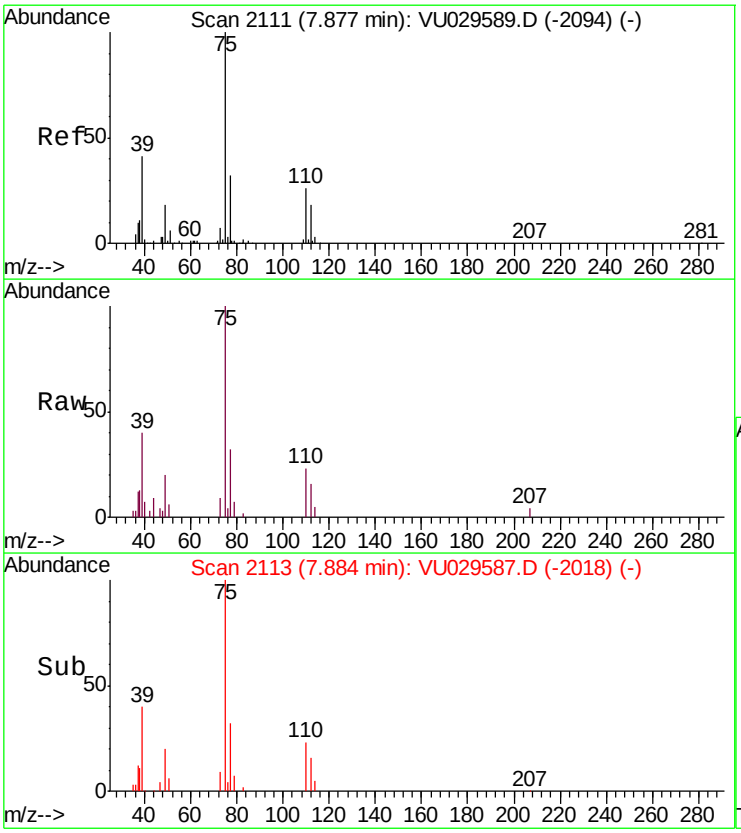
#42
Toluene
Concen: 0.493 ug/L
RT: 7.64 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 91 Resp: 40966

Ion	Ratio	Lower	Upper
91	100		
92	59.5	40.1	74.5

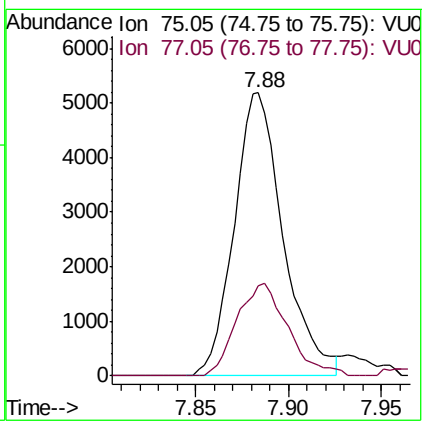


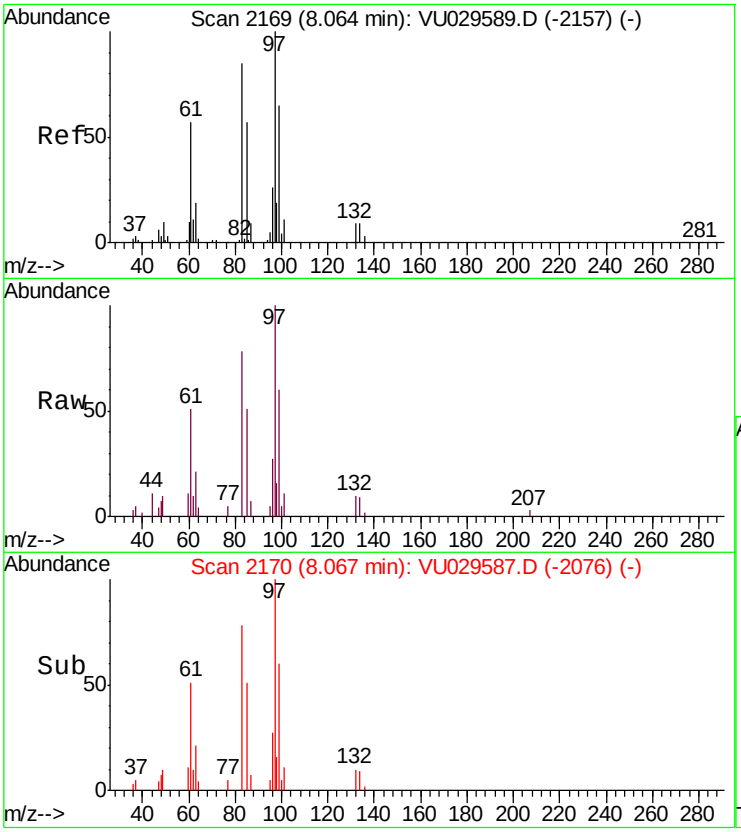


#44
trans-1,3-Dichloropropene
Concen: 0.440 ug/L
RT: 7.88 min Scan# 2113
Delta R.T. 0.01 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 75 Resp: 9531

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.2	41.2



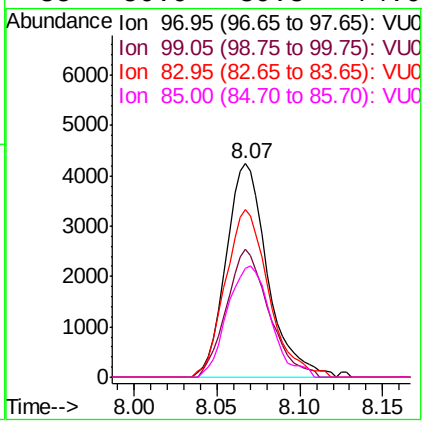


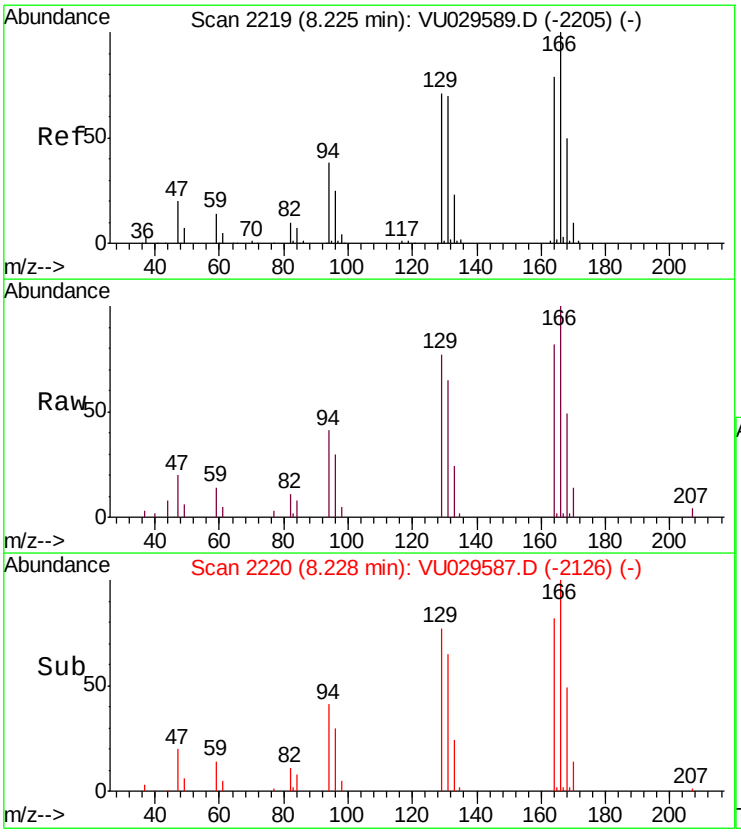
#45
1,1,2-Trichloroethane
Concen: 0.512 ug/L
RT: 8.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion: 97 Resp: 7400

Ion	Ratio	Lower	Upper
97	100		
99	59.7	45.3	84.1
83	78.5	59.6	110.6
85	50.9	39.8	74.0

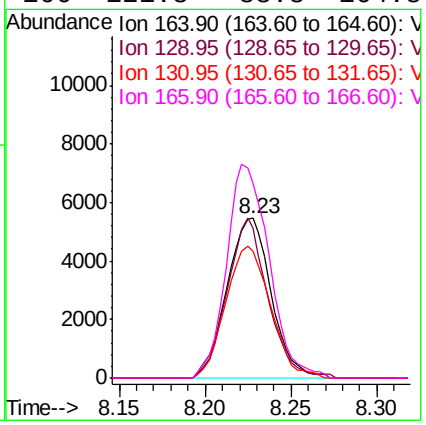


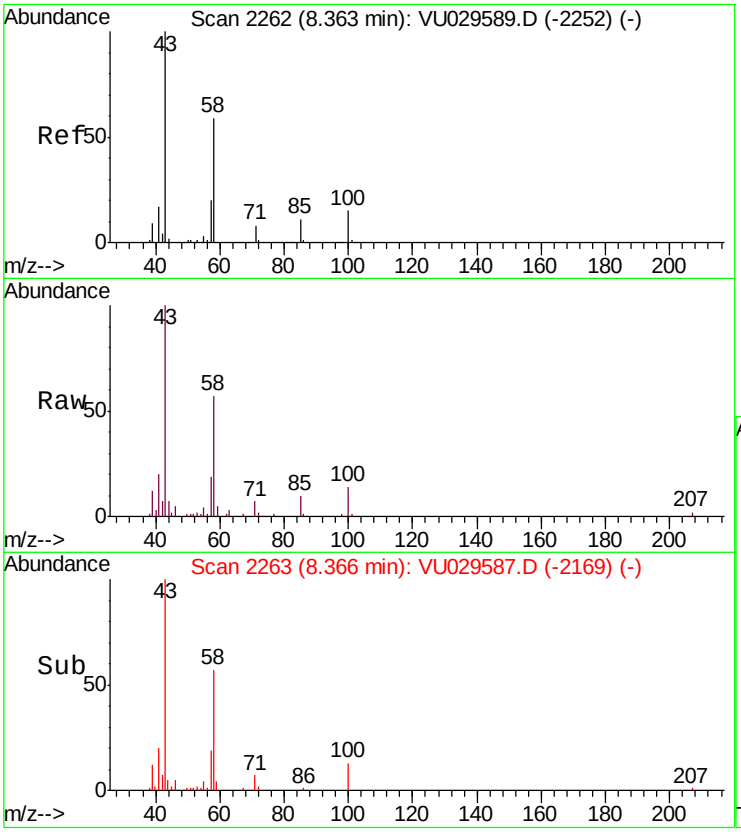


#47
Tetrachloroethene
Concen: 0.513 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:164 Resp: 9743

Ion	Ratio	Lower	Upper
164	100		
129	94.0	62.9	116.7
131	79.2	61.8	114.8
166	121.8	88.8	164.8



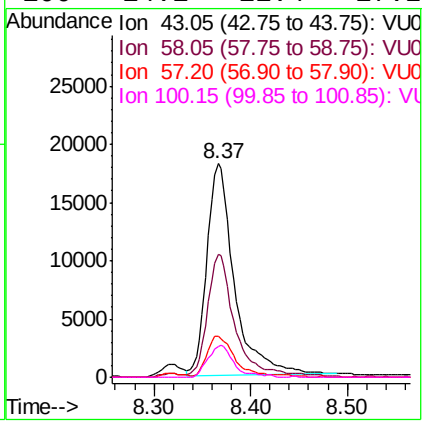


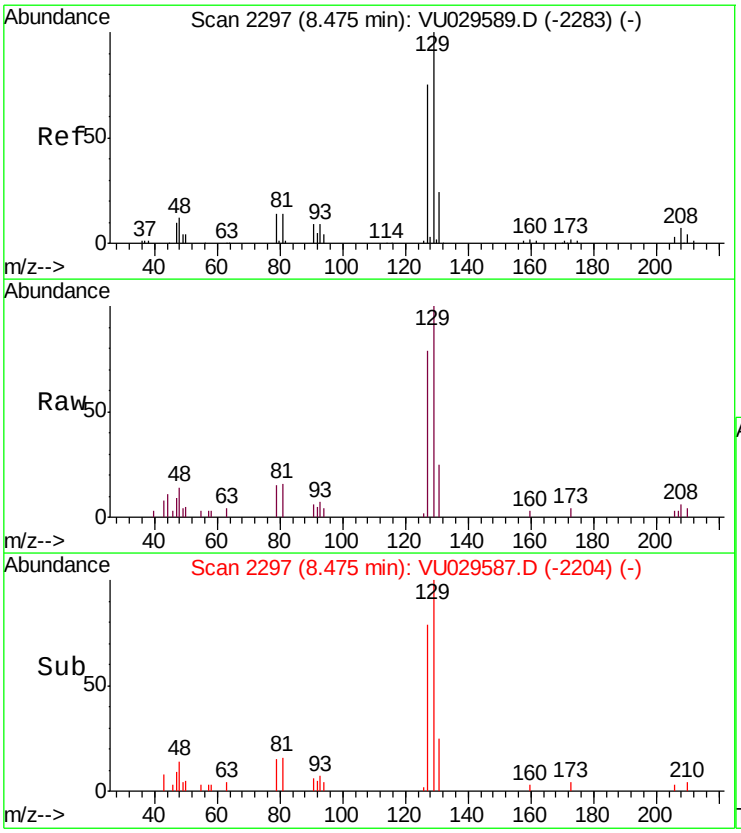
#48
2-Hexanone
Concen: 4.779 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion: 43 Resp: 36238

Ion	Ratio	Lower	Upper
43	100		
58	54.1	46.6	69.8
57	20.5	15.9	23.9
100	14.1	11.4	17.2

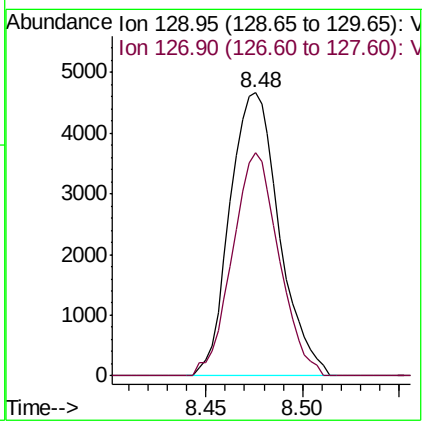


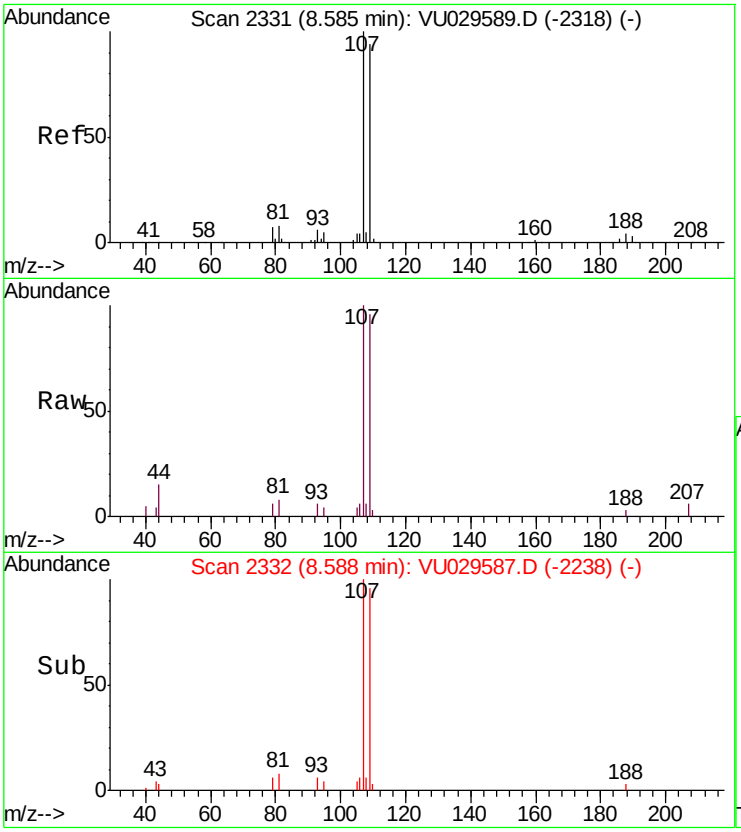


#49
Dibromochloromethane
Concen: 0.474 ug/L
RT: 8.48 min Scan# 2297
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:129 Resp: 8292

Ion	Ratio	Lower	Upper
129	100		
127	78.9	52.5	97.5



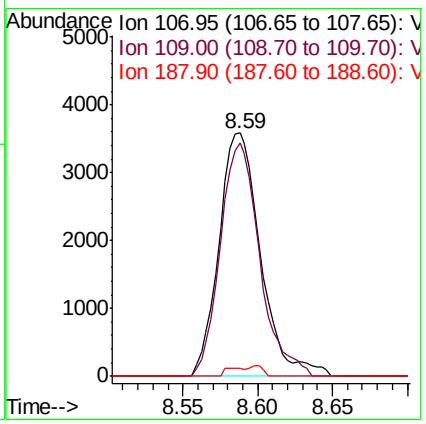


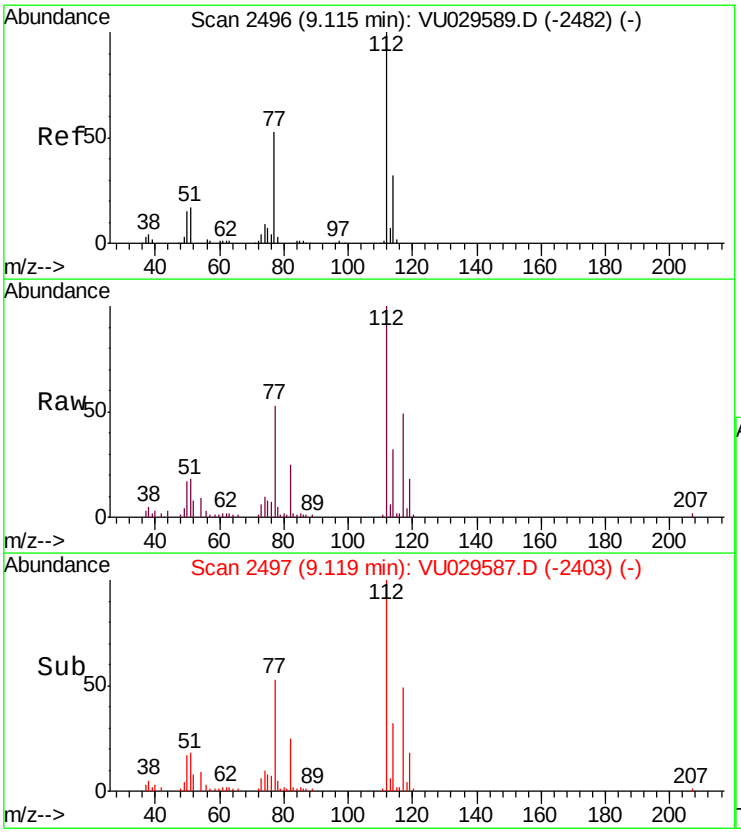
#50
1,2-Dibromoethane
Concen: 0.491 ug/L
RT: 8.59 min Scan# 2332
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion:107 Resp: 6945

Ion	Ratio	Lower	Upper
107	100		
109	96.0	65.8	122.2
188	3.2	3.3	4.9#

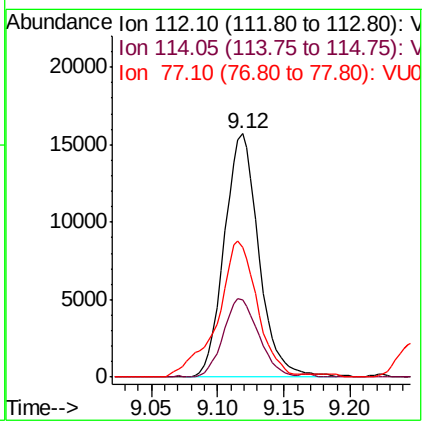


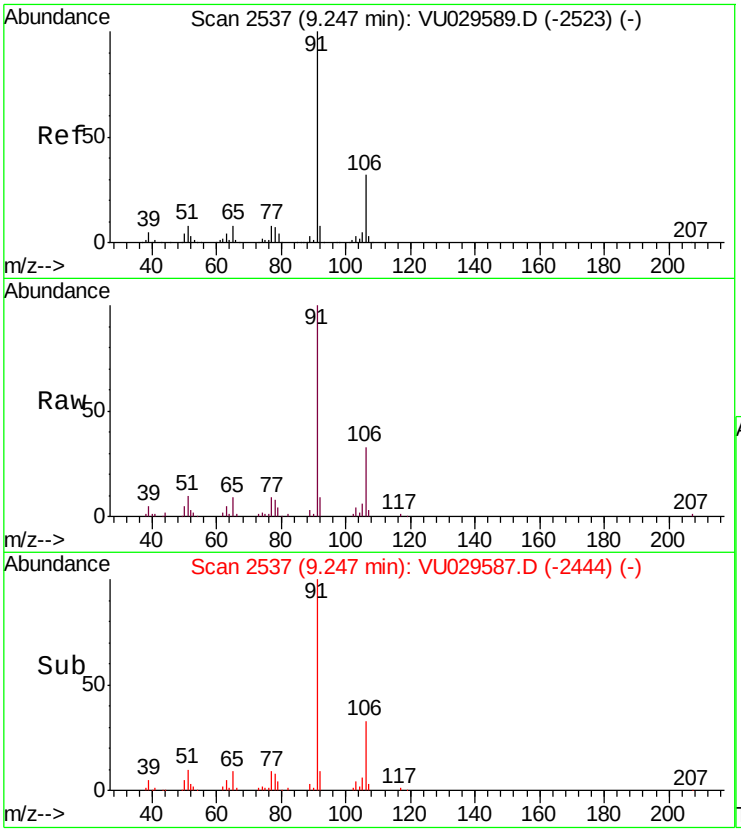


#51
Chlorobenzene
Concen: 0.497 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:112 Resp: 28373

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.3	41.3
77	53.1	42.7	64.1



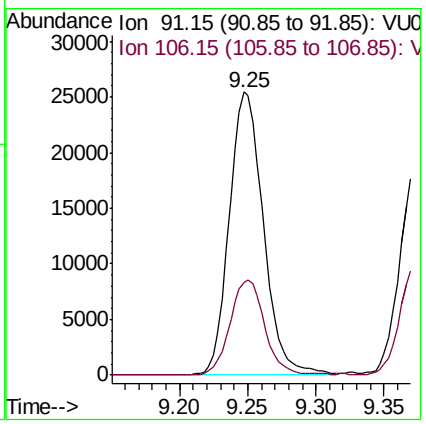


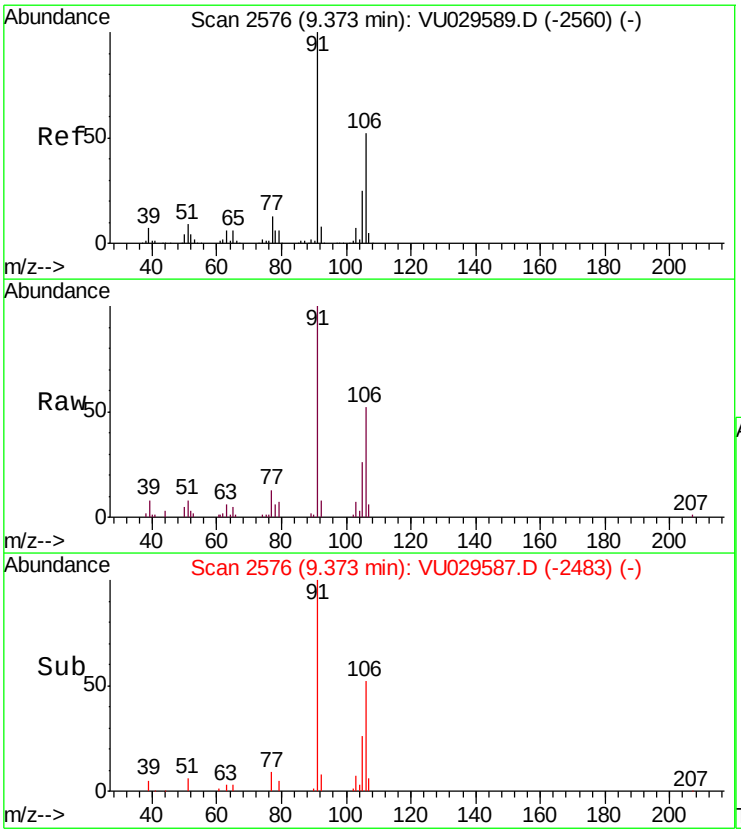
#52
Ethylbenzene
Concen: 0.477 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion: 91 Resp: 44361

Ion	Ratio	Lower	Upper
91	100		
106	32.9	22.1	41.1

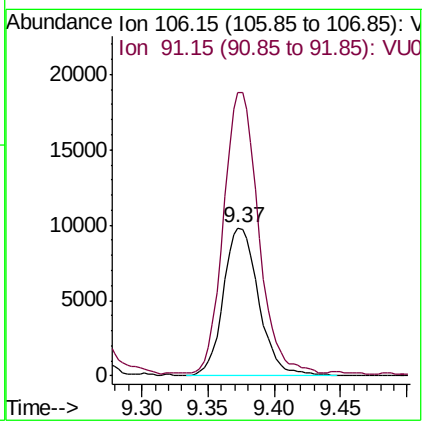


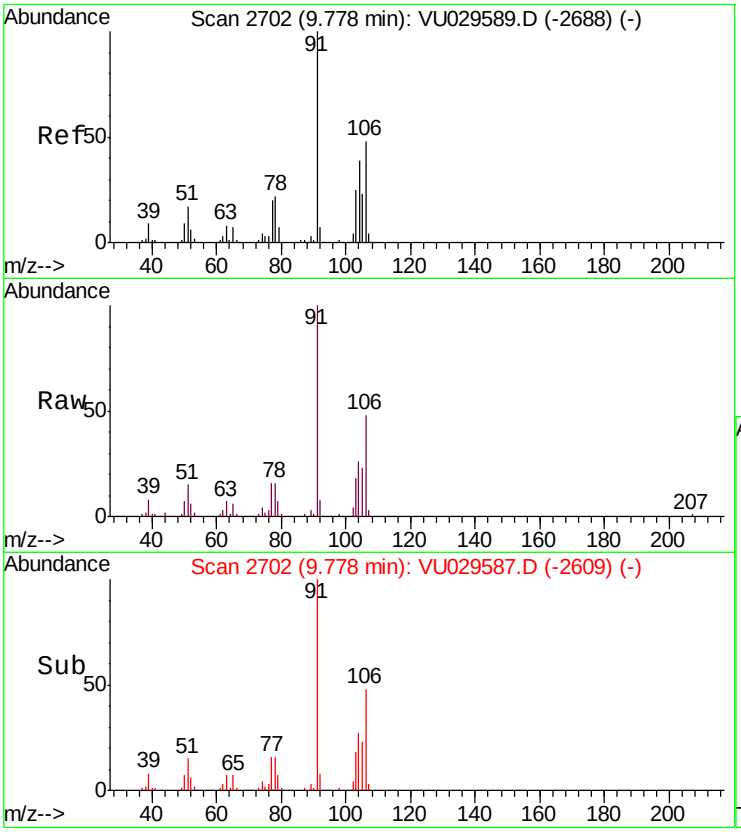


#53
m,p-xylene
Concen: 0.489 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:106 Resp: 18196

Ion	Ratio	Lower	Upper
106	100		
91	191.3	136.0	252.6



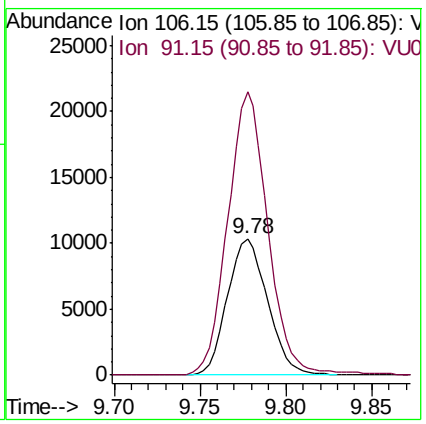


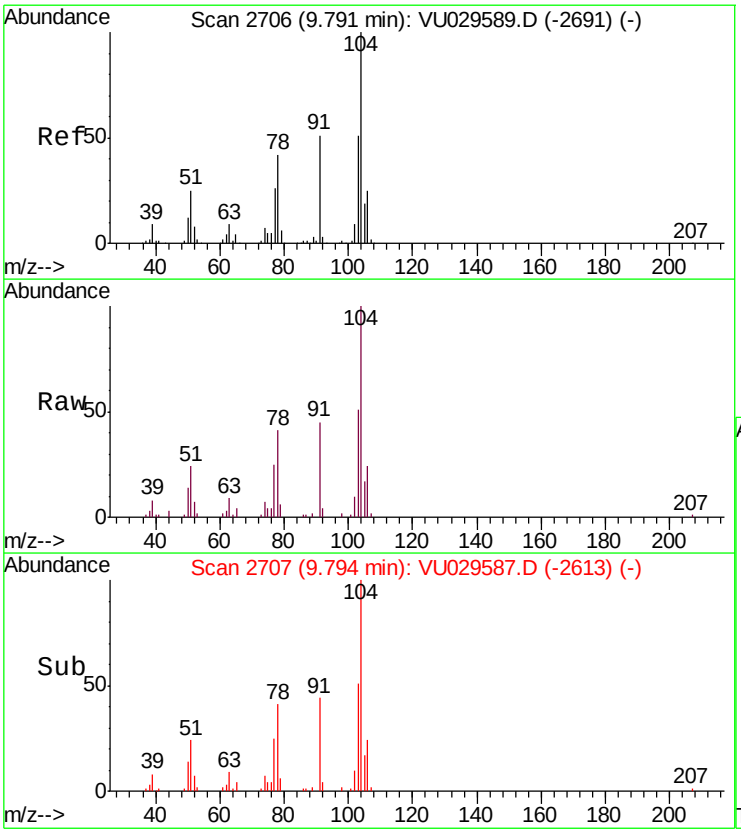
#54
o-xylene
Concen: 0.468 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion:106 Resp: 16775

Ion	Ratio	Lower	Upper
106	100		
91	207.7	145.7	270.5

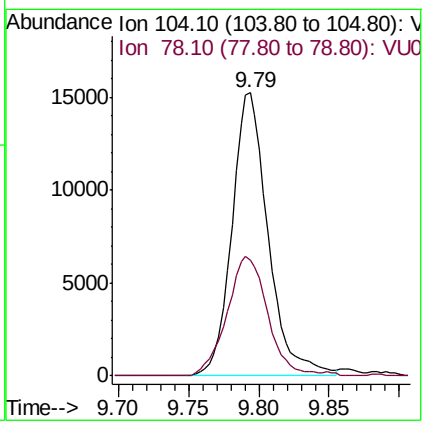


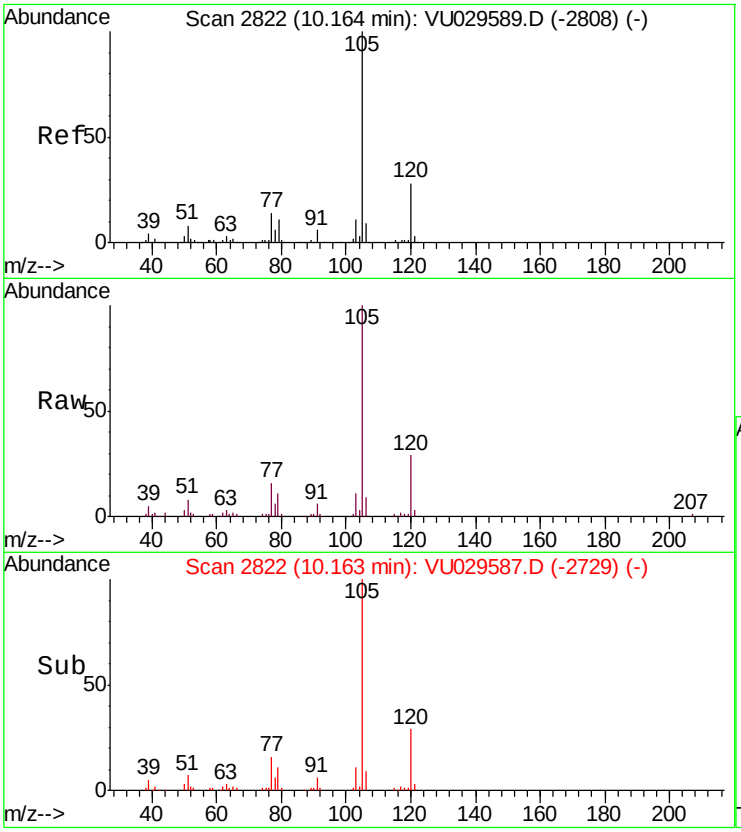


#55
Styrene
Concen: 0.457 ug/L
RT: 9.79 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:104 Resp: 27401

Ion	Ratio	Lower	Upper
104	100		
78	40.9	29.2	54.2



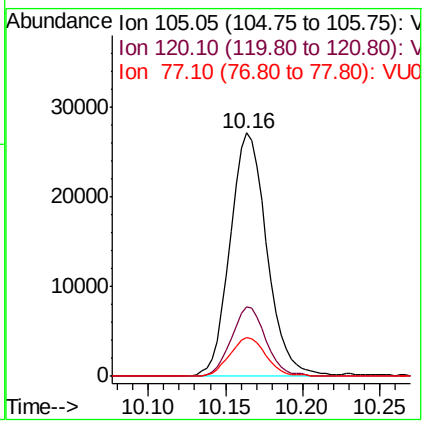


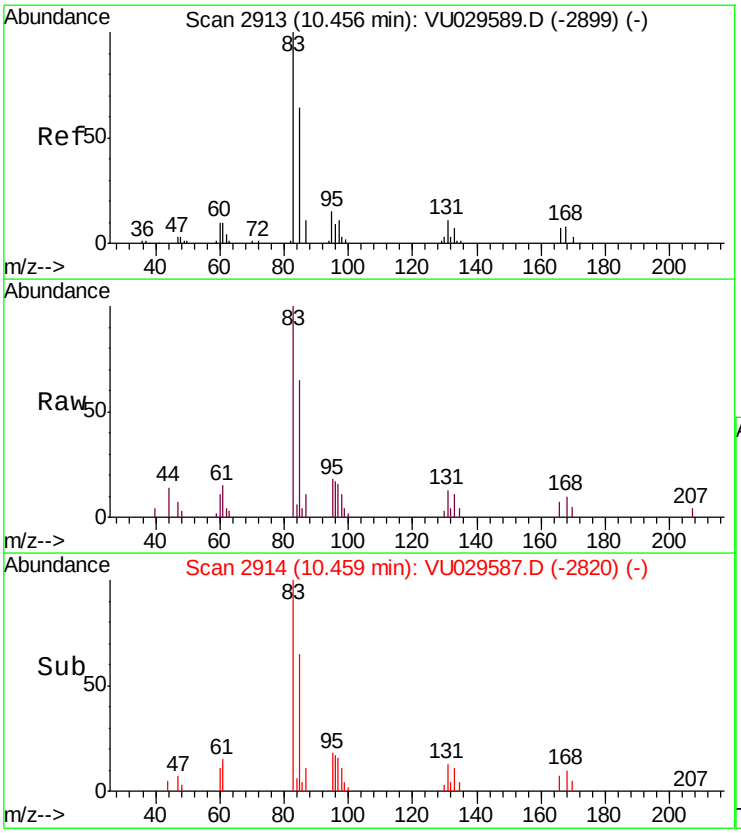
#56
Isopropylbenzene
Concen: 0.466 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion:105 Resp: 44863

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.8	32.6
77	15.7	11.5	17.3

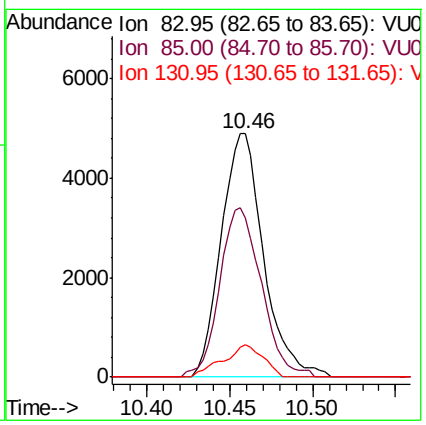


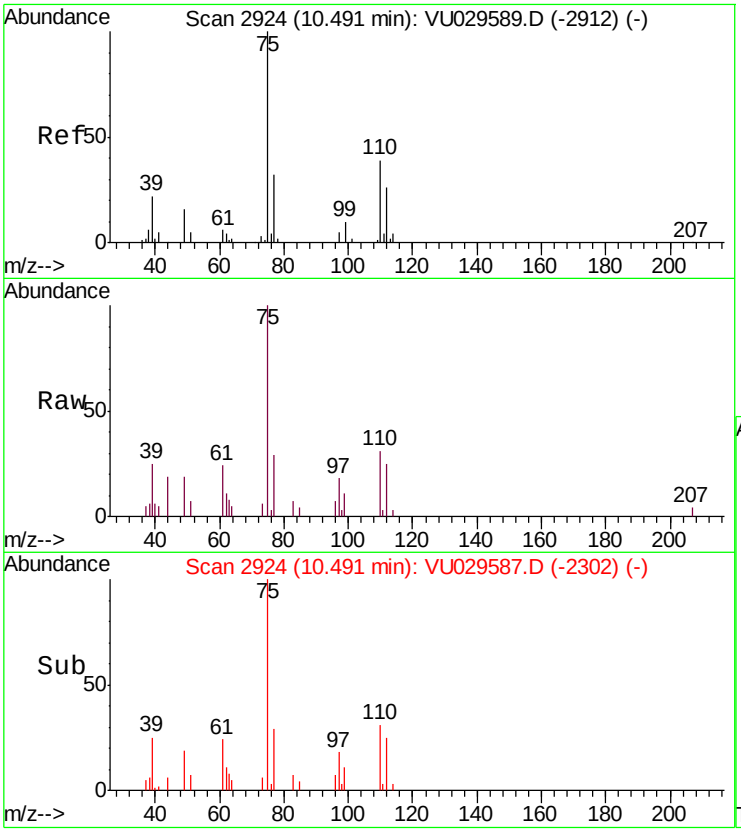


#58
1,1,2,2-Tetrachloroethane
Concen: 0.489 ug/L
RT: 10.46 min Scan# 2914
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 83 Resp: 8711

Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.9	83.3
131	13.2	8.9	13.3



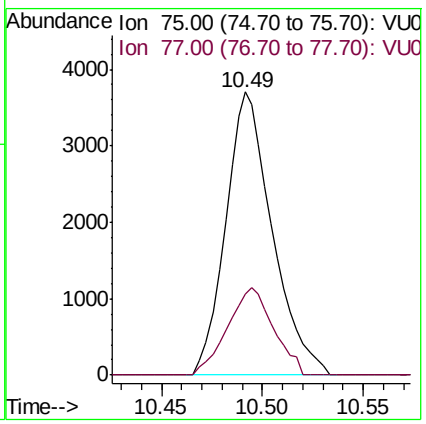


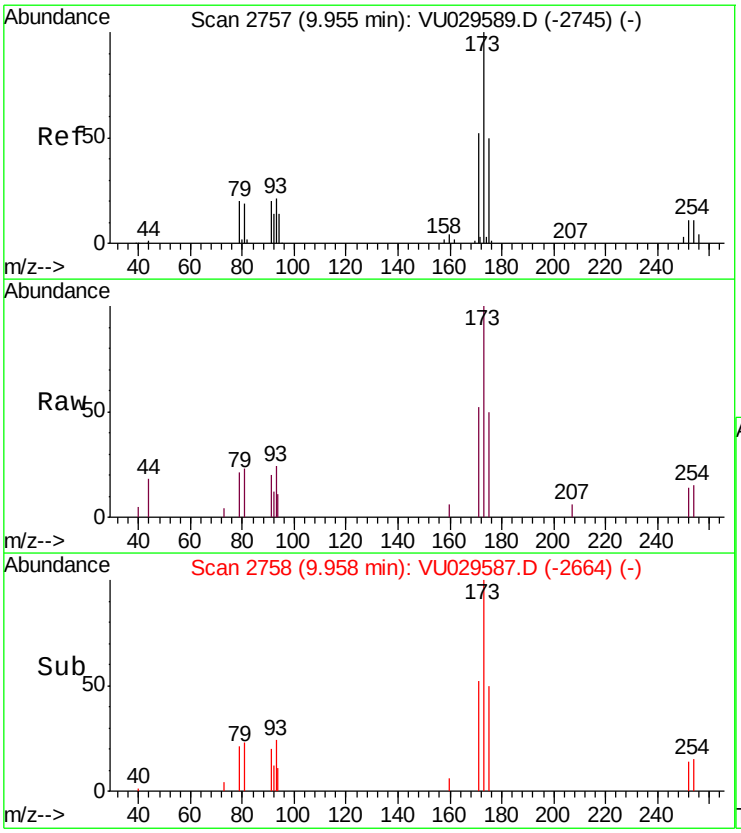
#59
1,2,3-Trichloropropane
Concen: 0.483 ug/L
RT: 10.49 min Scan# 2924
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion: 75 Resp: 5951

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.6	38.4

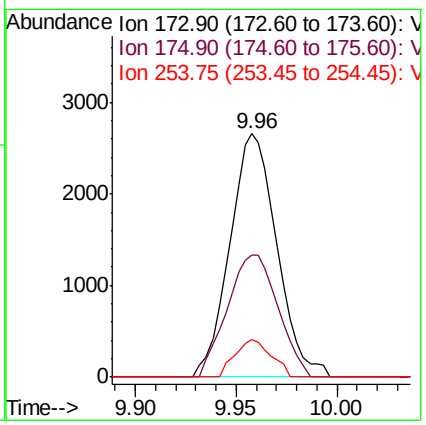


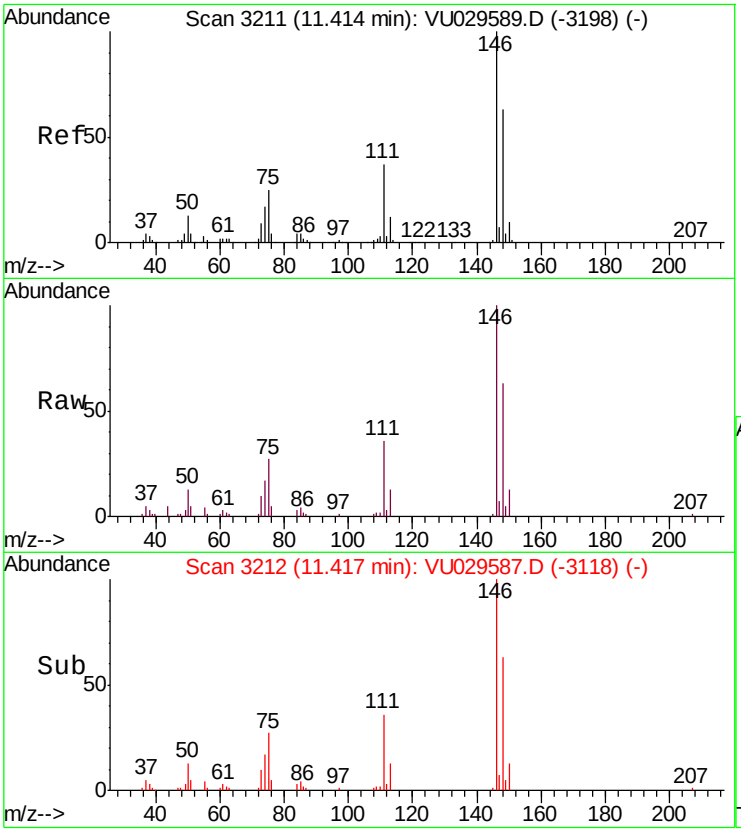


#61
Bromoform
Concen: 0.448 ug/L
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:173 Resp: 4333

Ion	Ratio	Lower	Upper
173	100		
175	53.8	39.0	58.6
254	11.8	8.2	12.4



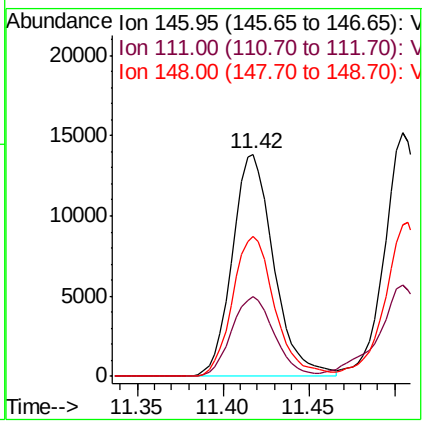


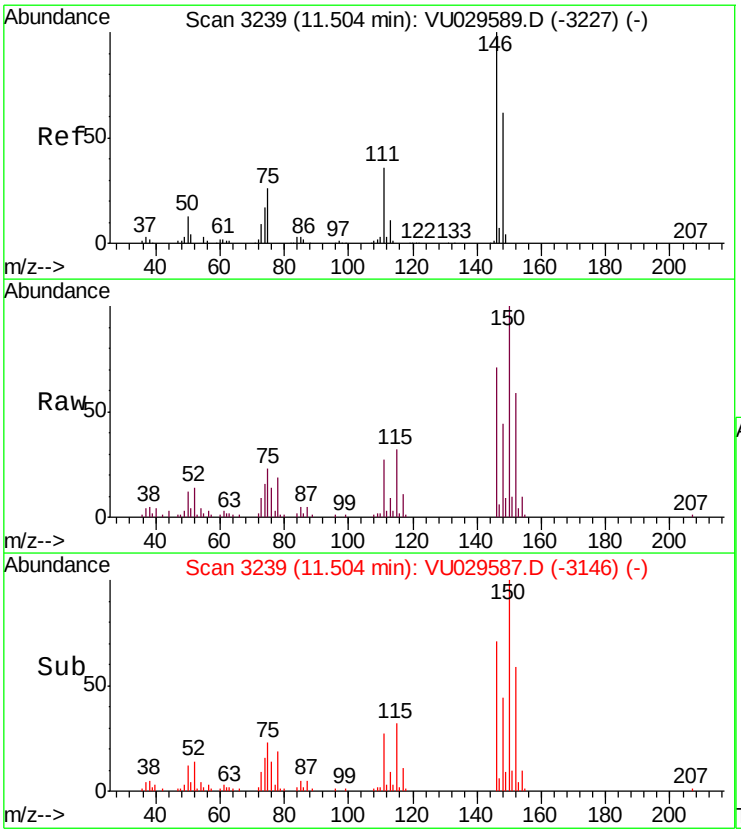
#62
1,3-Dichlorobenzene
Concen: 0.503 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion:146 Resp: 23284

Ion	Ratio	Lower	Upper
146	100		
111	36.0	25.7	47.7
148	62.8	44.0	81.8

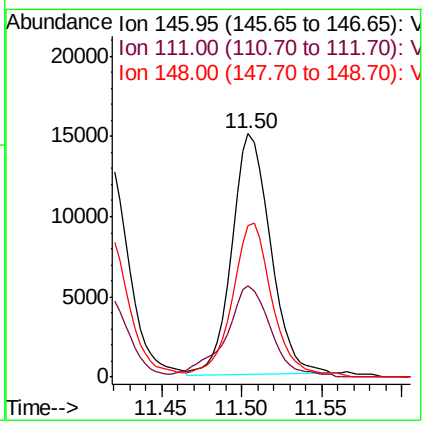


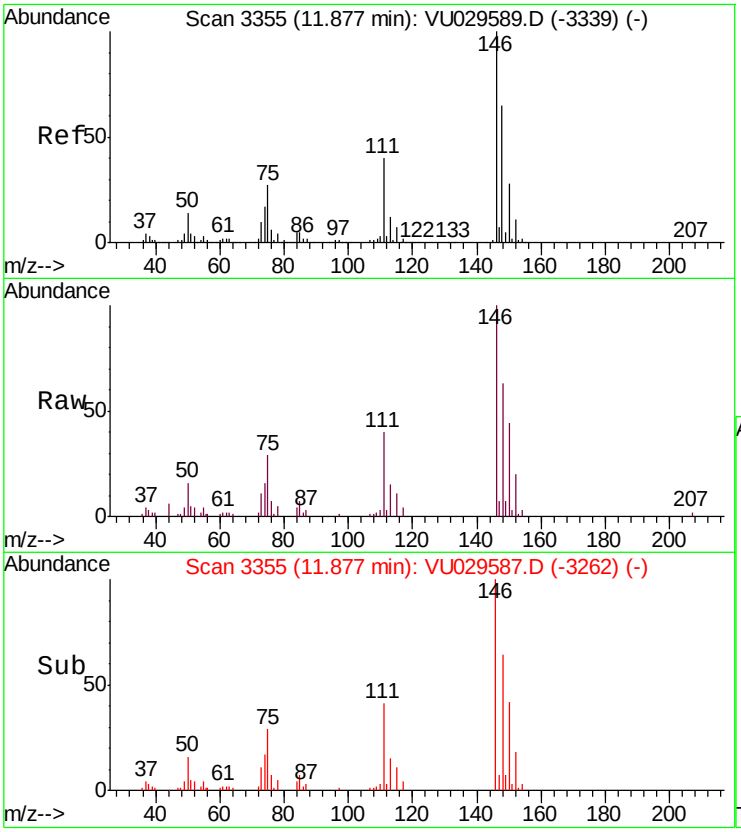


#63
1,4-Dichlorobenzene
Concen: 0.522 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:146 Resp: 24519

Ion	Ratio	Lower	Upper
146	100		
111	37.6	25.4	47.2
148	62.2	43.7	81.1



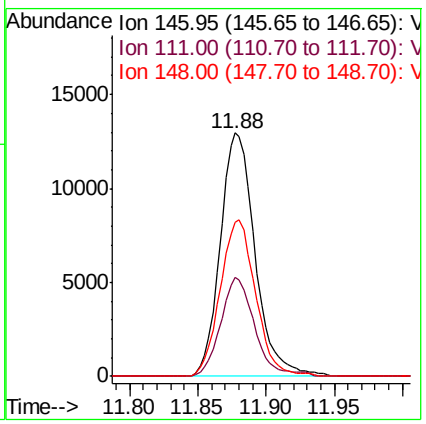


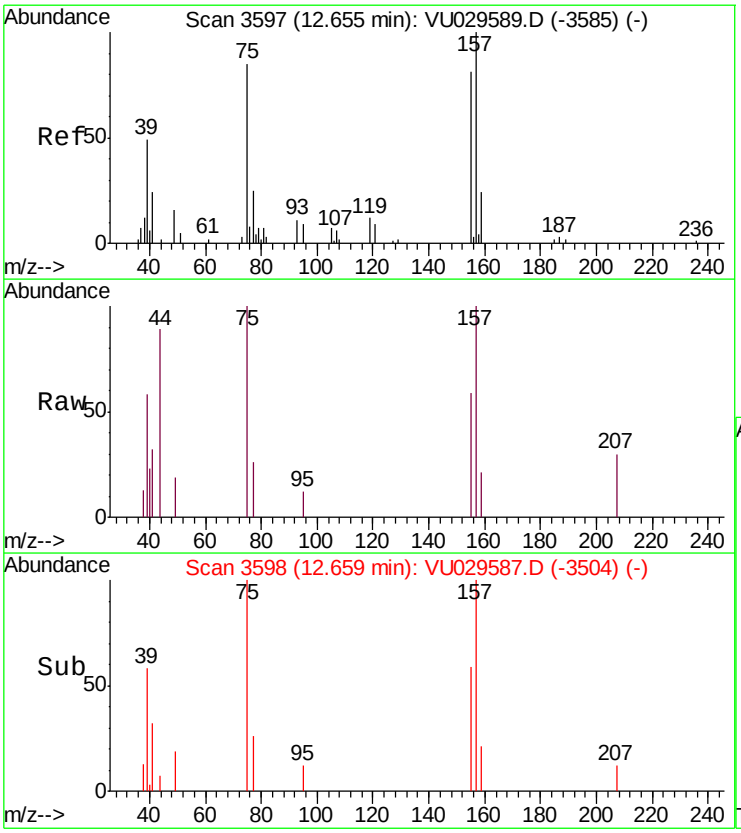
#65
1,2-Dichlorobenzene
Concen: 0.514 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. -0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument : MSVOA_U
ClientSampleId : VSTD0.546

Tgt Ion:146 Resp: 22980

Ion	Ratio	Lower	Upper
146	100		
111	40.4	32.2	48.2
148	63.0	52.2	78.4

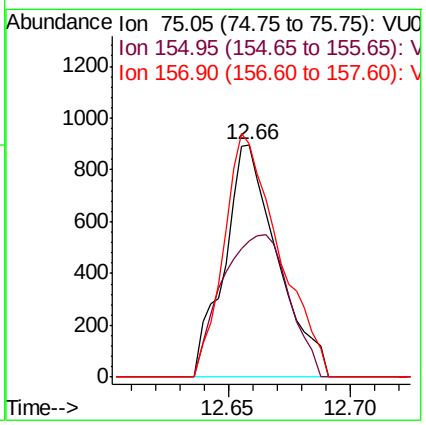


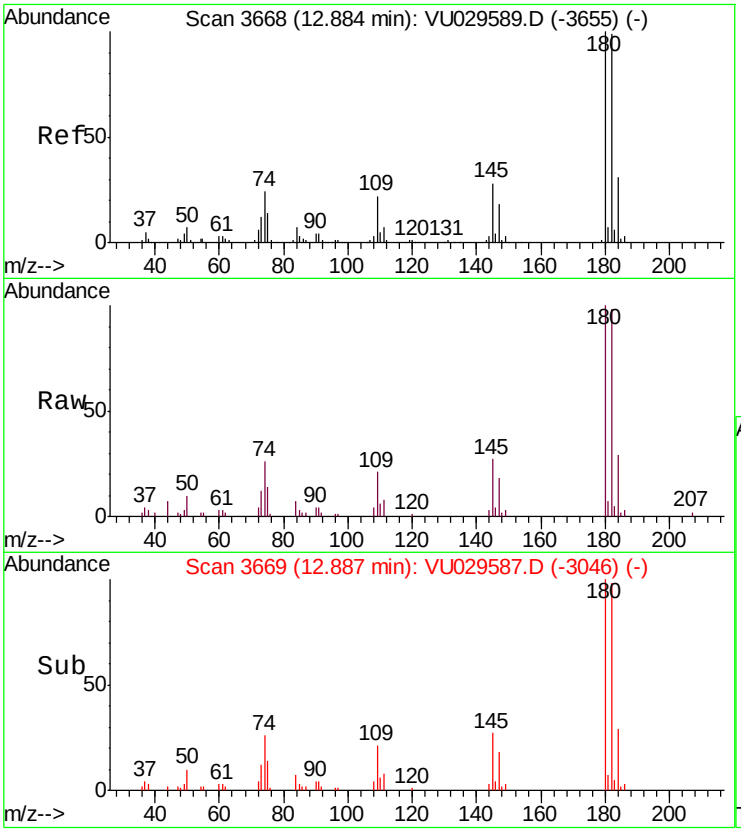


#66
1,2-Dibromo-3-chloropropane
Concen: 0.515 ug/L
RT: 12.66 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion: 75 Resp: 1354

Ion	Ratio	Lower	Upper
75	100		
155	58.6	75.5	113.3#
157	100.1	93.8	140.6



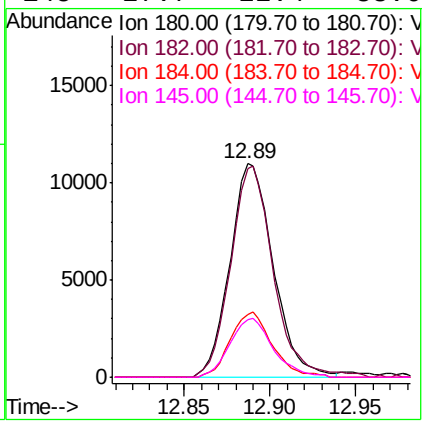


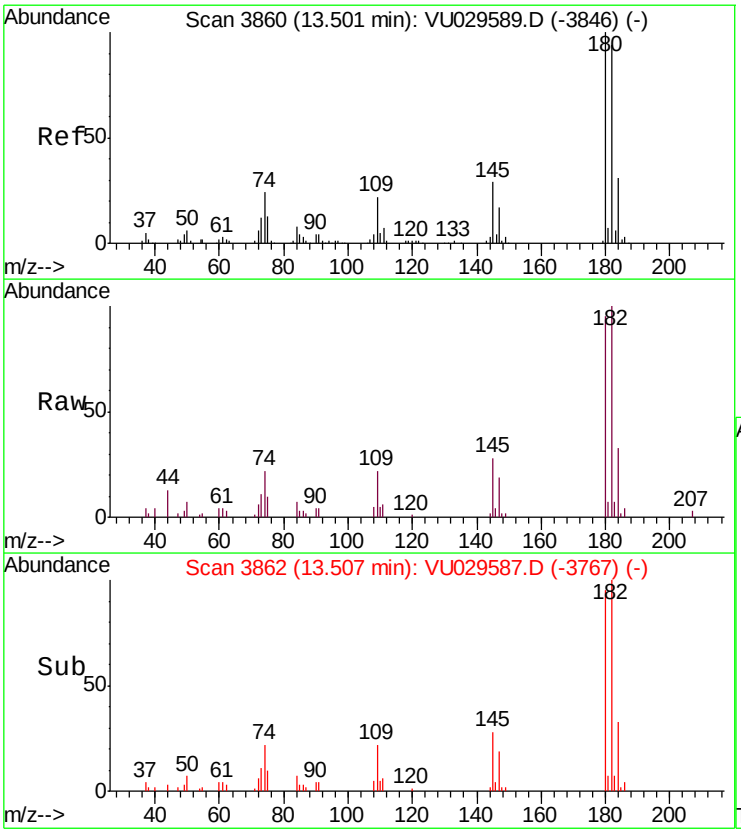
#67
1,3,5-Trichlorobenzene
Concen: 0.515 ug/L
RT: 12.89 min Scan# 3669
Delta R.T. 0.00 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion:180 Resp: 19187

Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.0	115.6
184	29.4	25.0	37.4
145	27.7	22.4	33.6

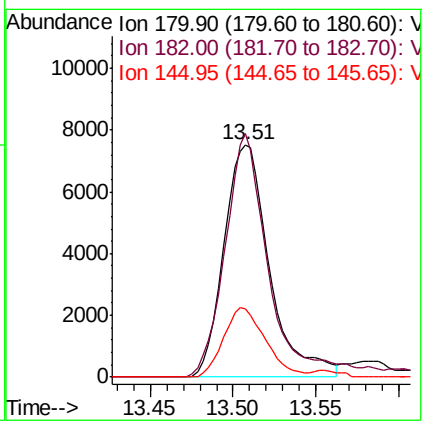


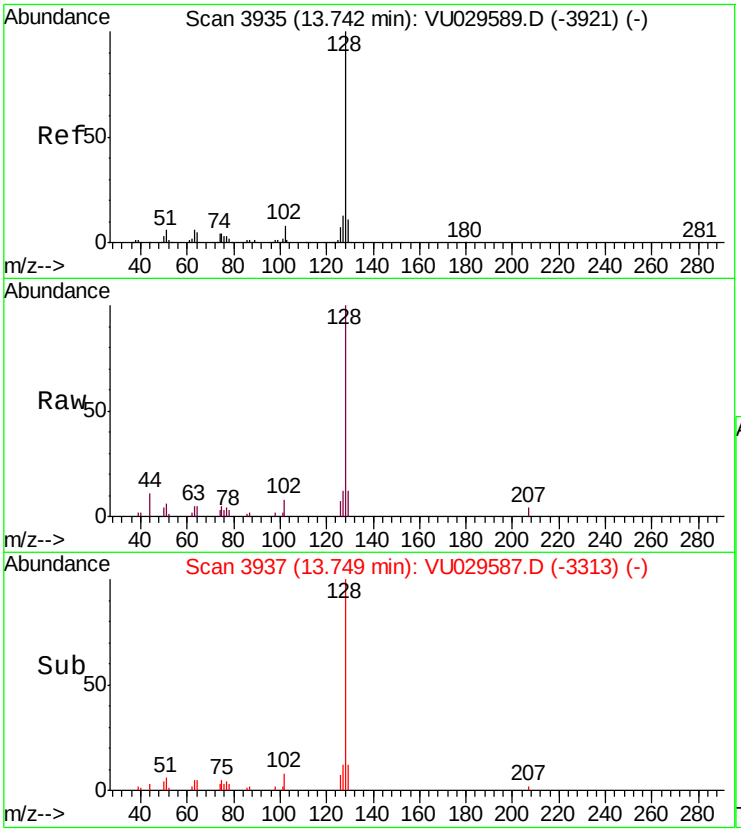


#68
1,2,4-trichlorobenzene
Concen: 0.455 ug/L
RT: 13.51 min Scan# 3862
Delta R.T. 0.01 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:180 Resp: 14334

Ion	Ratio	Lower	Upper
180	100		
182	99.6	75.7	113.5
145	27.5	22.4	33.6



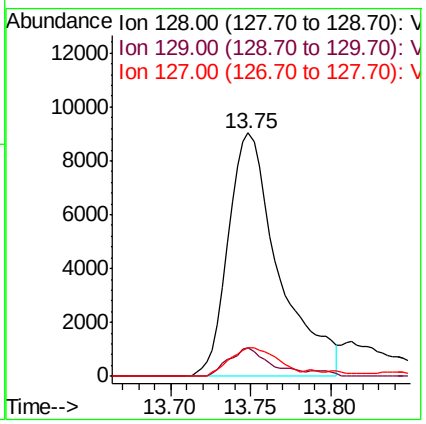


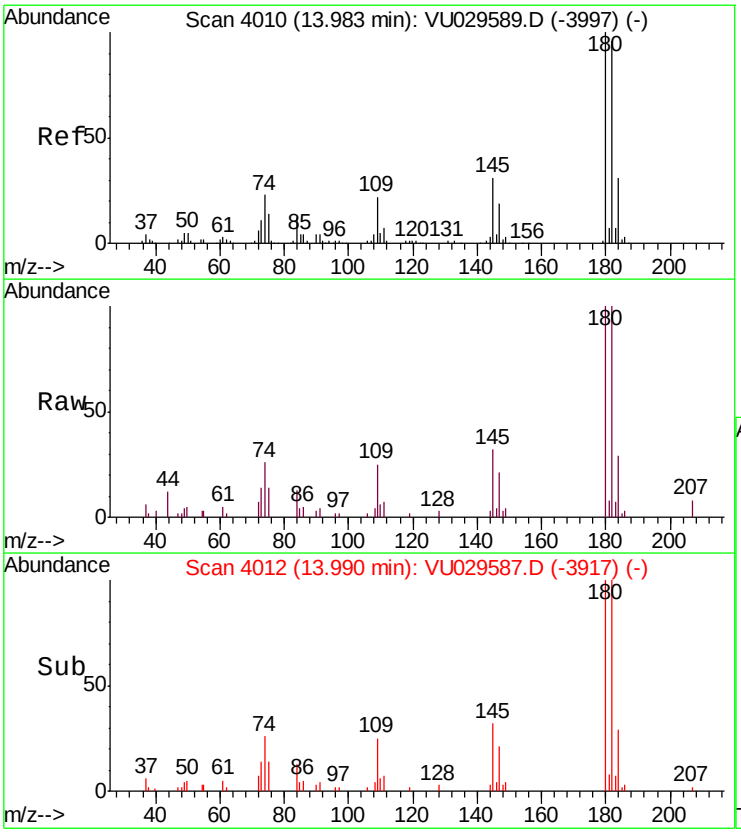
#69
Naphthalene
Concen: 0.401 ug/L
RT: 13.75 min Scan# 3937
Delta R.T. 0.01 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.546

Tgt Ion:128 Resp: 19529

Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.7	13.1
127	11.1	10.0	15.0





#70
1,2,3-Trichlorobenzene
Concen: 0.495 ug/L
RT: 13.99 min Scan# 4012
Delta R.T. 0.01 min
Lab File: VU029587.D
Acq: 21 Feb 2019 10:41

Tgt Ion:180 Resp: 14619

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.0	115.4
145	28.0	24.2	36.2