Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030119\

Quantitation Report (Not Reviewed)

Data File : VU029771.D
Acq On : 01 Mar 2019 18:53
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Quant Time: Mar 01 22:18:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	236362	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	234727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	122924	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	90052	5.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.60%			
7) Chloroethane-d5	1.68	69	71383	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.27	63	163902	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.80%			
20) 2-Butanone-d5	4.19	46	178658	51.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.38%			
24) Chloroform-d	4.65	84	132163	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.31	65	71633	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
32) Benzene-d6	5.34	84	315498	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
36) 1,2-Dichloropropane-d6	6.33	67	92217	5.26	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.20%			
41) Toluene-d8	7.56	98	303118	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
43) trans-1,3-Dichloropropene-	7.85	79	34798	4.83	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.60%			
46) 2-Hexanone-d5	8.31	63	180313	51.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.22%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77995	4.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	122012	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	92563	5.017	ug/L	100
3) Chloromethane	1.32	50	81711	5.124	ug/L	99
5) Vinyl chloride	1.40	62	96719	4.798	ug/L	97
6) Bromomethane	1.63	94	56360	5.050	ug/L	98
8) Chloroethane	1.70	64	60551	4.637	ug/L	99
9) Trichlorofluoromethane	1.88	101	133405	4.463	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	84826	4.599	ug/L	98
12) 1,1-Dichloroethene	2.28	96	79571	4.538	ug/L	97
13) Acetone	2.32	43	111469	44.458	ug/L	98
14) Carbon disulfide	2.48	76	247534	4.298	ug/L	100
15) Methyl Acetate	2.62	43	32882	4.495	ug/L	98
16) Methylene chloride	2.70	84	89991	4.340	ug/L	100
17) Methyl tert-butyl Ether	3.00	73	189909	4.530	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	86265	4.521	ug/L	98
19) 1,1-Dichloroethane	3.44	63	142851	4.808	ug/L	100
21) 2-Butanone	4.28	43	176130	50.627	ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	88859	5.085	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030119\

Quantitation Report (Not Reviewed)

Data File : VU029771.D
Acq On : 01 Mar 2019 18:53
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Quant Time: Mar 01 22:18:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	40580	5.146	ug/L	96
25) Chloroform	4.67	83	162445	5.462	ug/L	100
27) 1,2-Dichloroethane	5.40	62	85316	4.857	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	122099	5.004	ug/L	98
30) Cyclohexane	4.99	56	118224	4.896	ug/L	98
31) Carbon tetrachloride	5.13	117	103009	4.851	ug/L	97
33) Benzene	5.39	78	316671	5.105	ug/L	100
34) Trichloroethene	6.18	95	86702	5.007	ug/L	99
35) Methylcyclohexane	6.41	83	137768	4.905	ug/L	98
37) 1,2-Dichloropropane	6.43	63	80952	5.180	ug/L	99
38) Bromodichloromethane	6.76	83	98088	5.028	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	112626	4.924	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	439157	50.002	ug/L	99
42) Toluene	7.63	91	357570	5.082	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	90727	4.942	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	60831	4.971	ug/L	98
47) Tetrachloroethene	8.22	164	77118	4.796	ug/L	96
48) 2-Hexanone	8.36	43	315954	49.189	ug/L	99
49) Dibromochloromethane	8.47	129	72905	4.918	ug/L	99
50) 1,2-Dibromoethane	8.58	107	58305	4.867	ug/L	98
51) Chlorobenzene	9.12	112	235857	4.880	ug/L	98
52) Ethylbenzene	9.25	91	386406	4.910	ug/L	99
53) m,p-xylene	9.37	106	150932	4.784	ug/L	98
54) o-xylene	9.78	106	149737	4.929	ug/L	98
55) Styrene	9.79	104	253639	4.998	ug/L	100
56) Isopropylbenzene	10.16	105	390956	4.796	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	75699	5.019	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	50657	4.854	ug/L	98
61) Bromoform	9.95	173	40642	4.985	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	193628	4.961	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	200679	5.070	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	189299	5.024	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	10687	4.825	ug/L	90
67) 1,3,5-Trichlorobenzene	12.88	180	153515	4.884	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	129209	4.865	ug/L	100
69) Naphthalene	13.74	128	204118	4.972	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	121701	4.893	ug/L	99

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

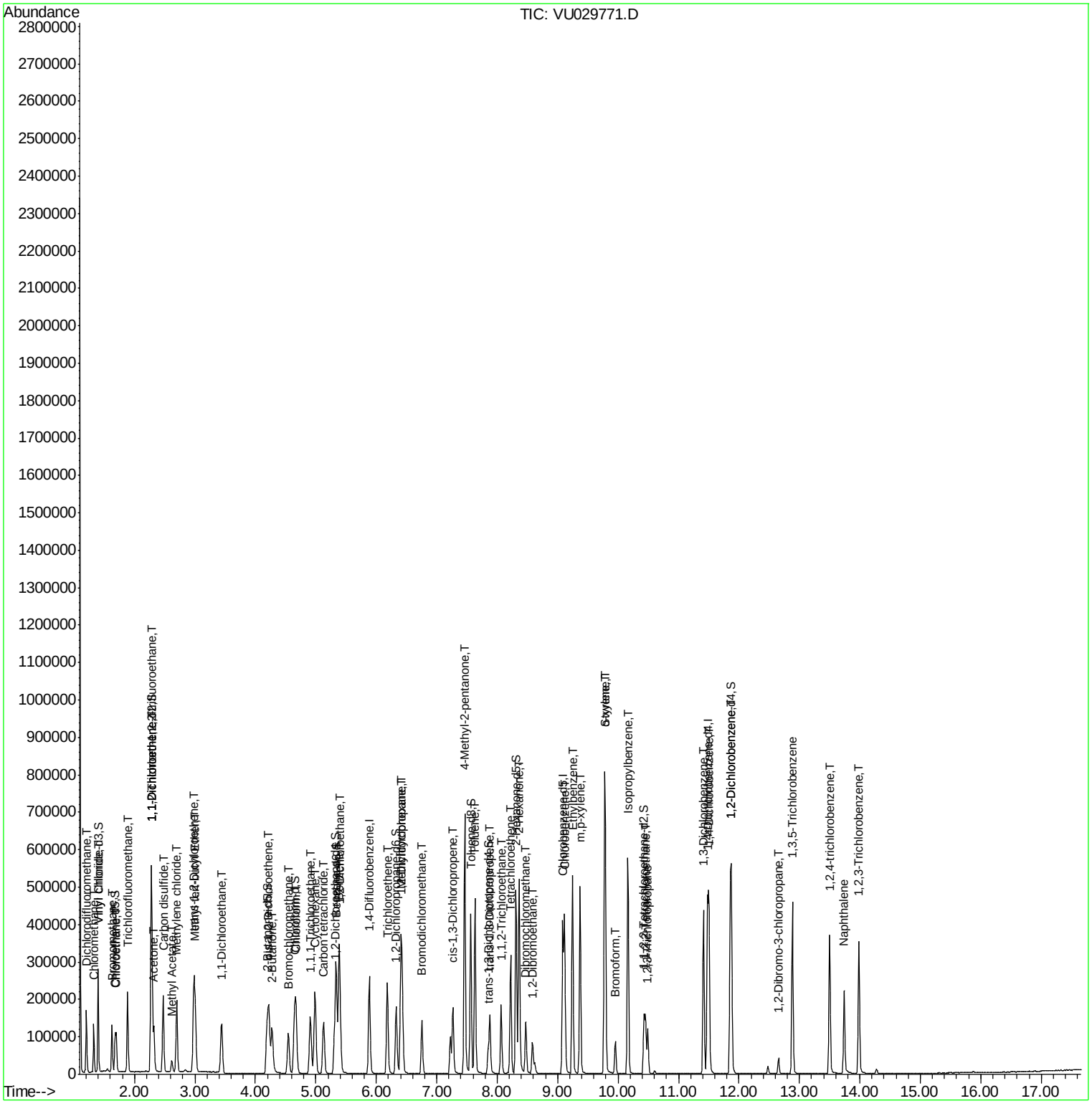
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030119\

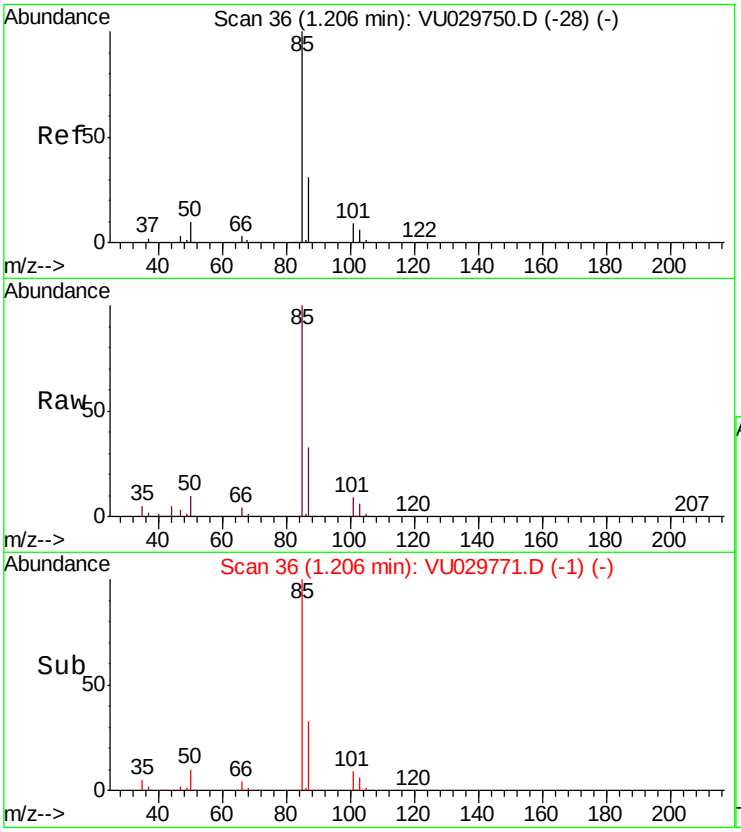
Quantitation Report (Not Reviewed)

Data File : VU029771.D
Acq On : 01 Mar 2019 18:53
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Quant Time: Mar 01 22:18:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration



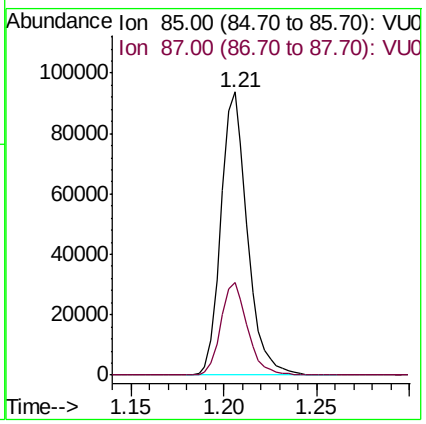


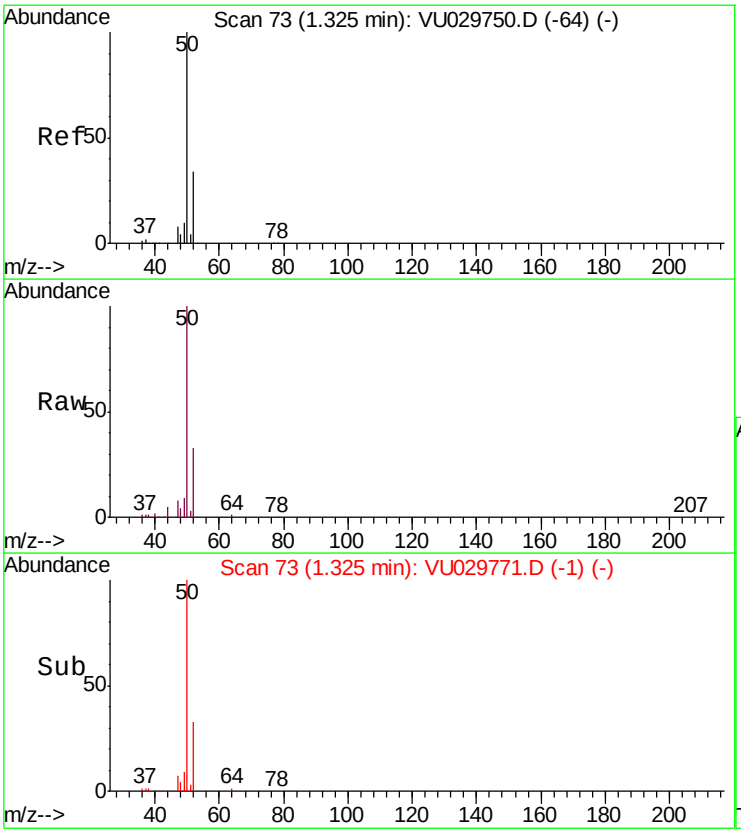
#2
Dichlorodifluoromethane
Concen: 5.017 ug/L
RT: 1.21 min Scan# 36
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion: 85 Resp: 92563

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.2	39.4

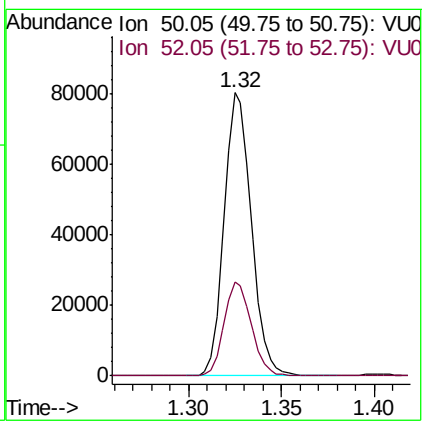


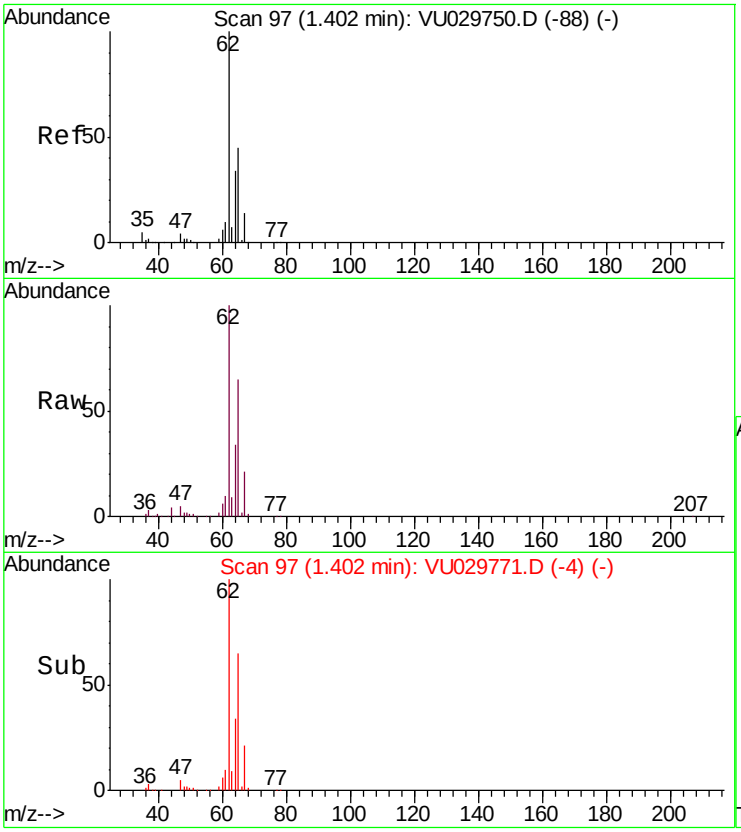


#3
Chloromethane
Concen: 5.124 ug/L
RT: 1.32 min Scan# 73
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 50 Resp: 81711

Ion	Ratio	Lower	Upper
50	100		
52	33.0	23.5	43.7



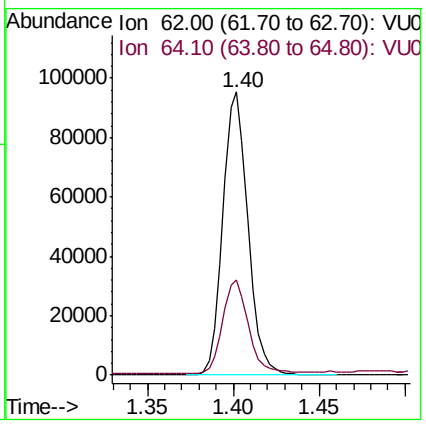


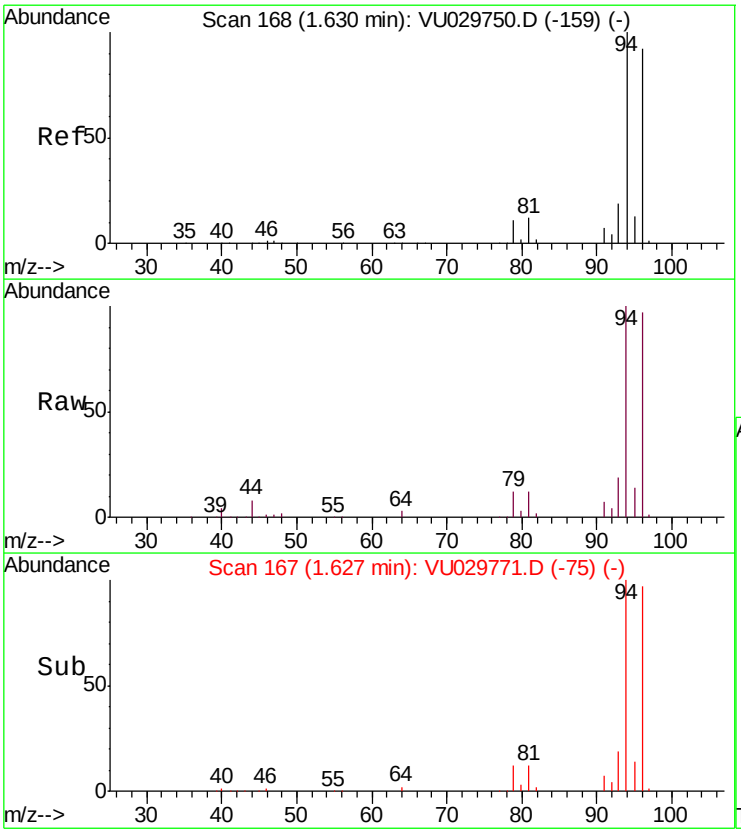
#5
Vinyl chloride
Concen: 4.798 ug/L
RT: 1.40 min Scan# 97
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion: 62 Resp: 96719

Ion	Ratio	Lower	Upper
62	100		
64	33.6	24.8	46.1

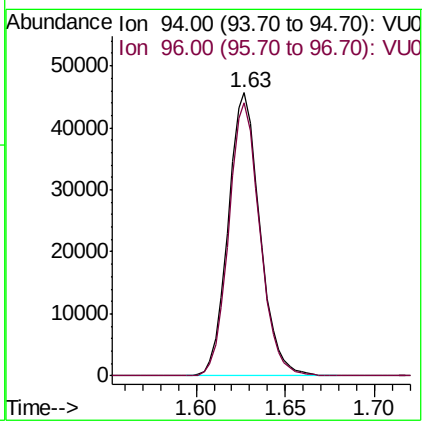


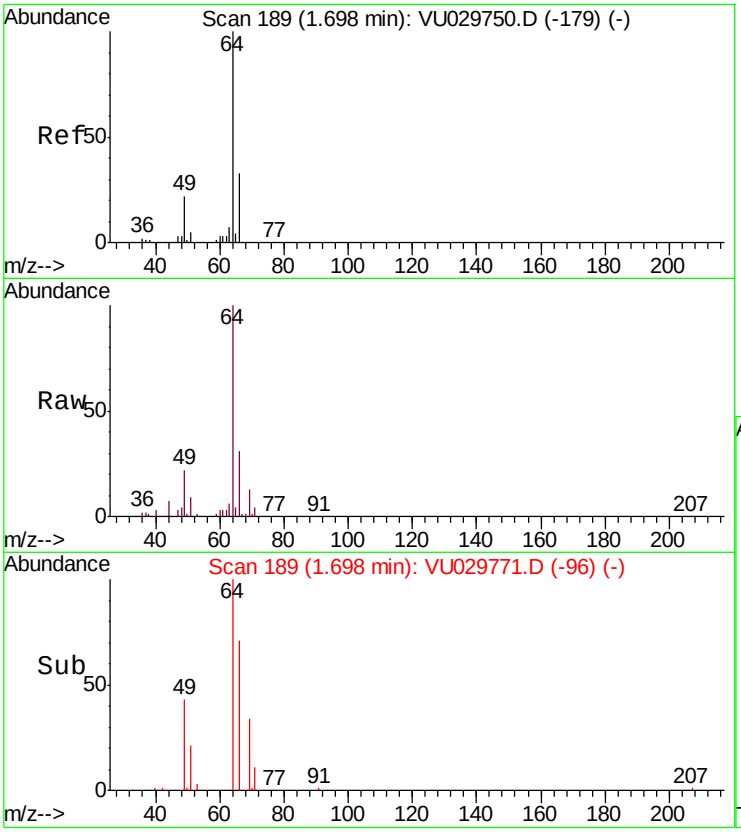


#6
Bromomethane
Concen: 5.050 ug/L
RT: 1.63 min Scan# 167
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 94 Resp: 56360

Ion	Ratio	Lower	Upper
94	100		
96	96.7	66.0	122.6



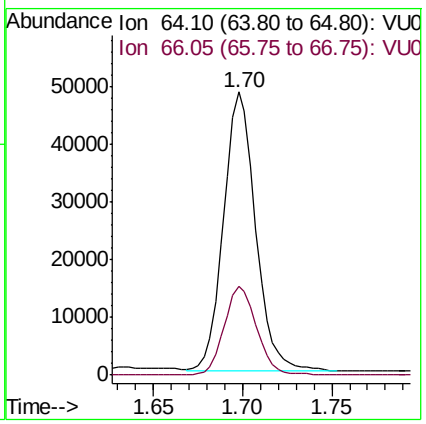


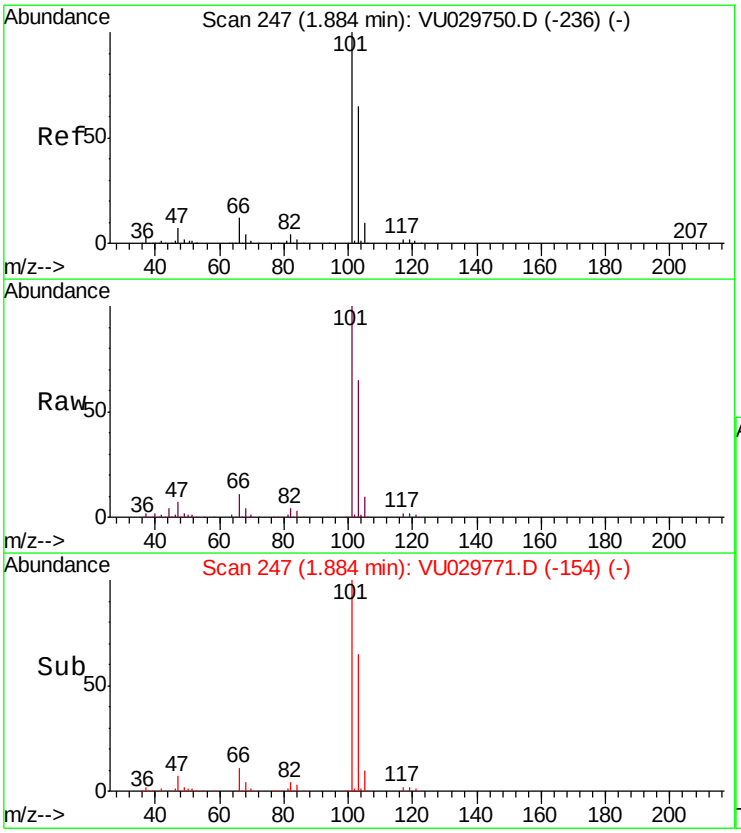
#8
Chloroethane
Concen: 4.637 ug/L
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Tgt Ion: 64 Resp: 60551

Ion	Ratio	Lower	Upper
64	100		
66	31.4	21.4	39.8

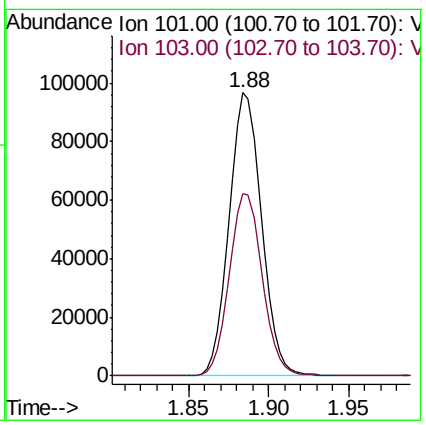


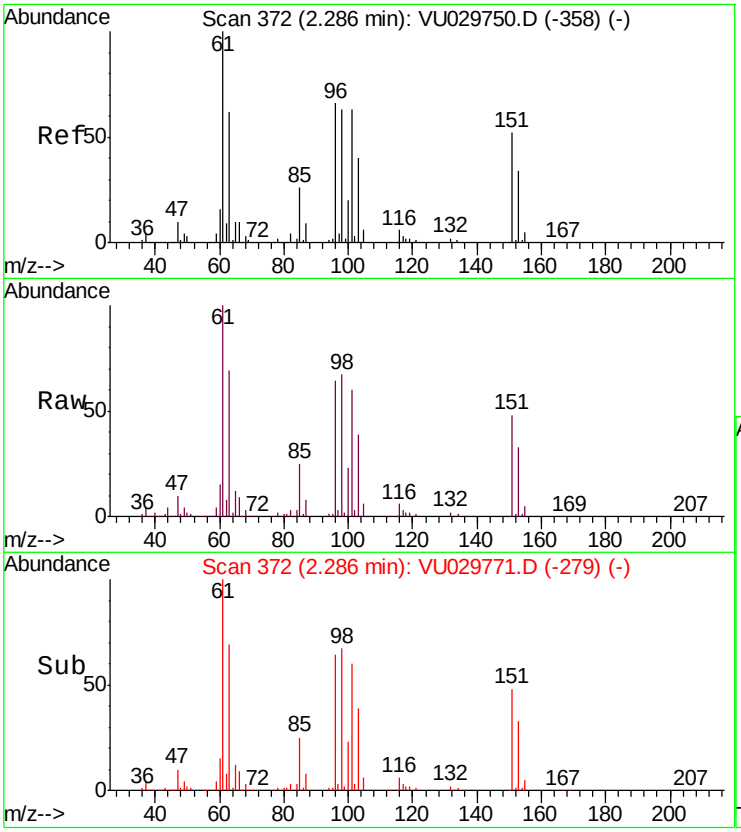


#9
Trichlorofluoromethane
Concen: 4.463 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:101 Resp: 133405

Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.5	78.7



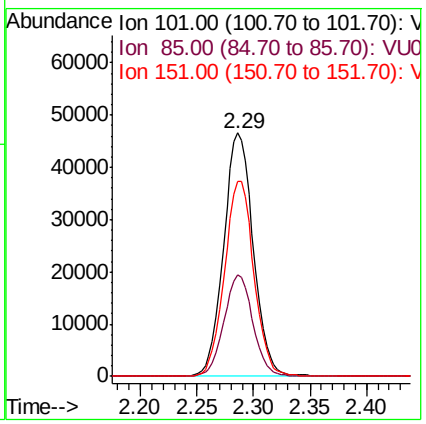


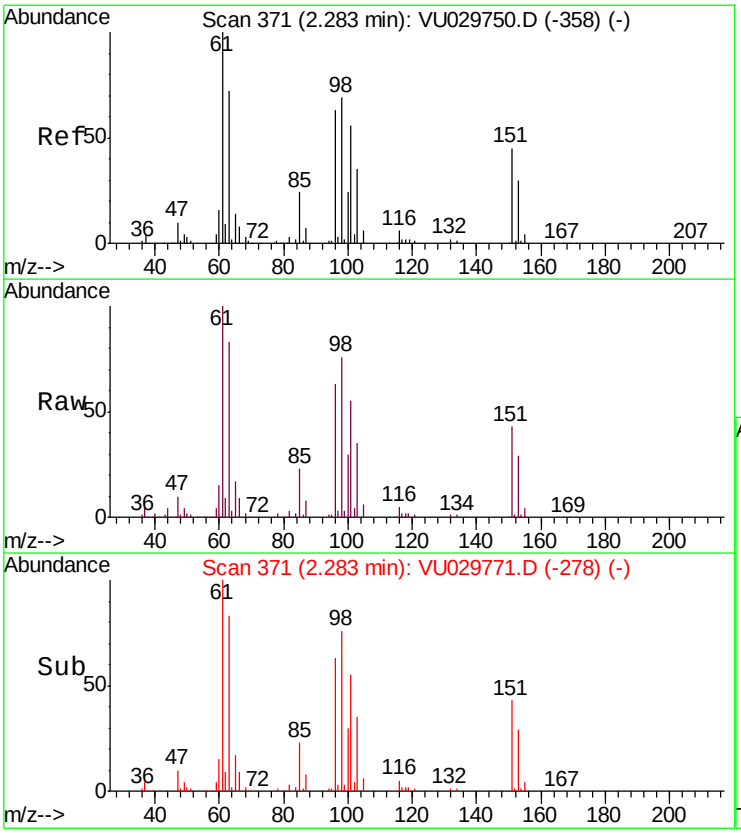
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.599 ug/L
RT: 2.29 min Scan# 372
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion:101 Resp: 84826

Ion	Ratio	Lower	Upper
101	100		
85	40.6	32.8	49.2
151	79.6	65.9	98.9

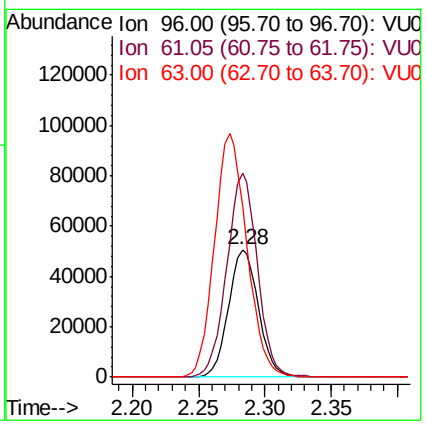


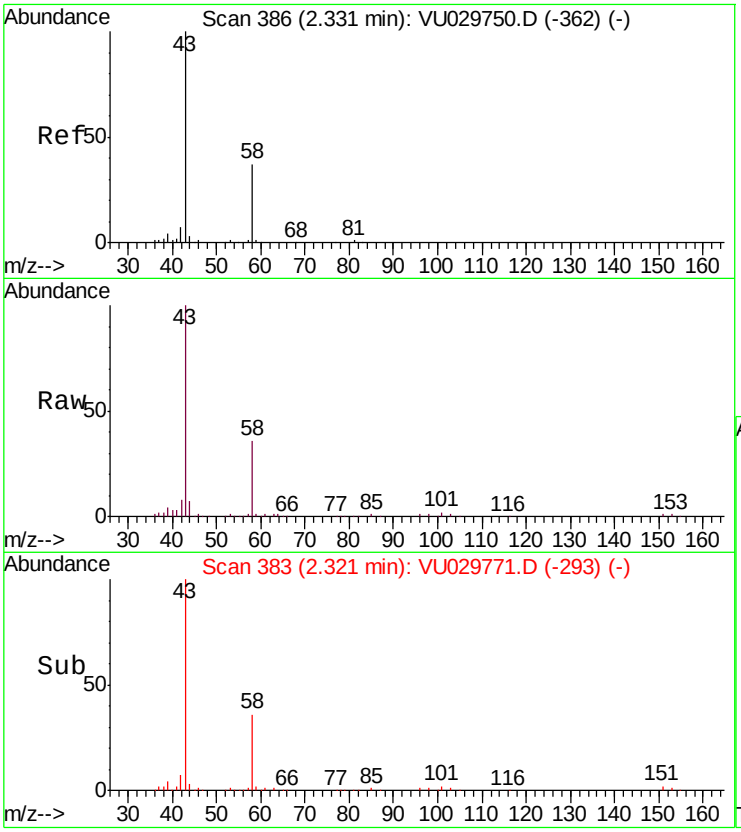


#12
1,1-Dichloroethene
Concen: 4.538 ug/L
RT: 2.28 min Scan# 371
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 96 Resp: 79571

Ion	Ratio	Lower	Upper
96	100		
61	159.7	111.3	206.7
63	133.1	88.5	164.3



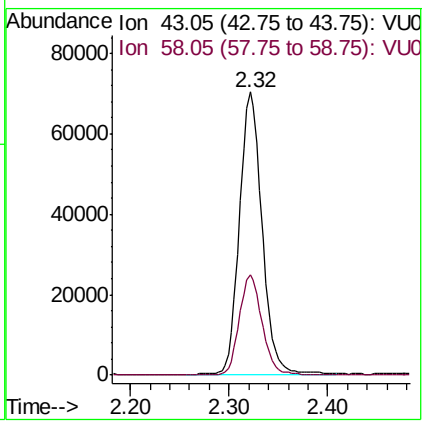


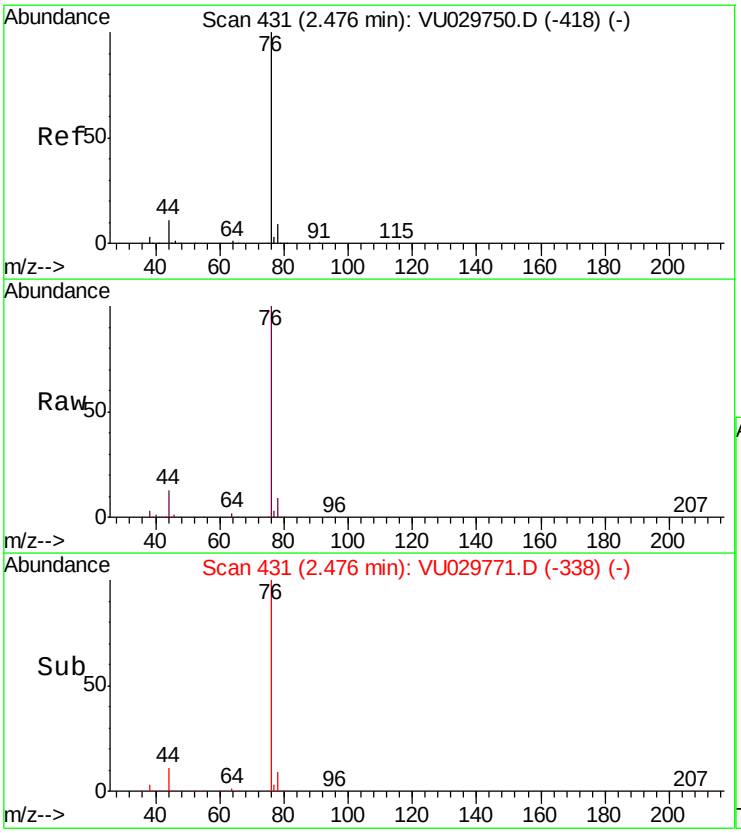
#13
Acetone
Concen: 44.458 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.01 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Tgt Ion: 43 Resp: 111469

Ion	Ratio	Lower	Upper
43	100		
58	36.2	0.0	70.2

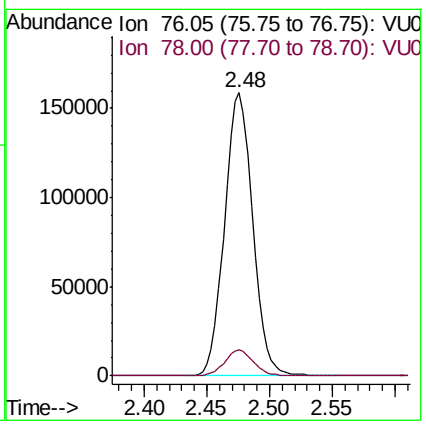


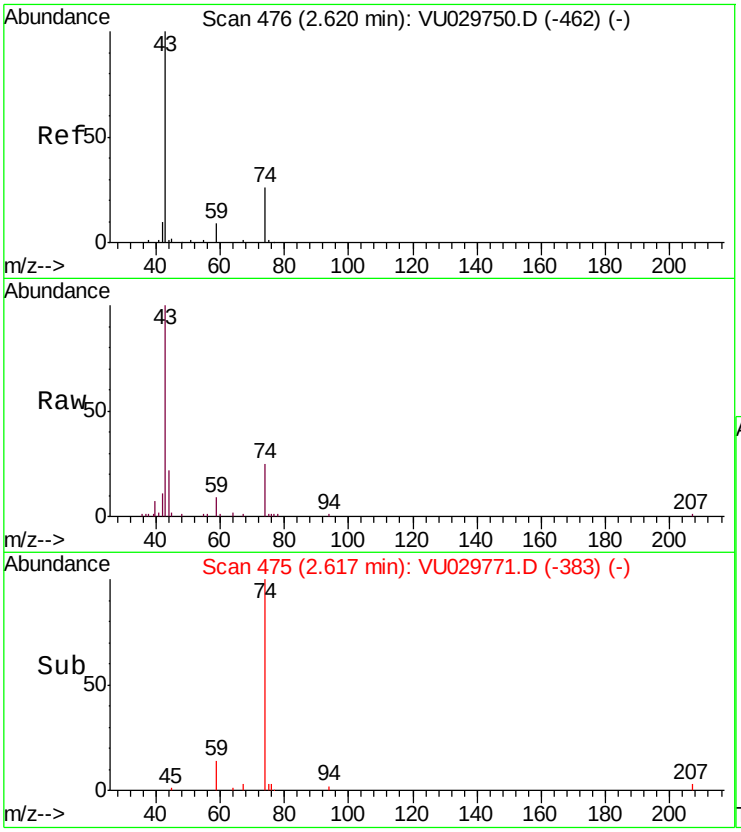


#14
Carbon disulfide
Concen: 4.298 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 76 Resp: 247534

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0



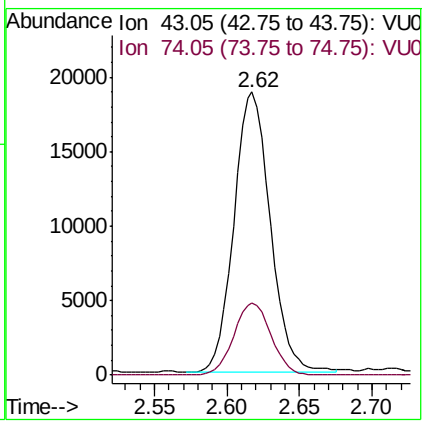


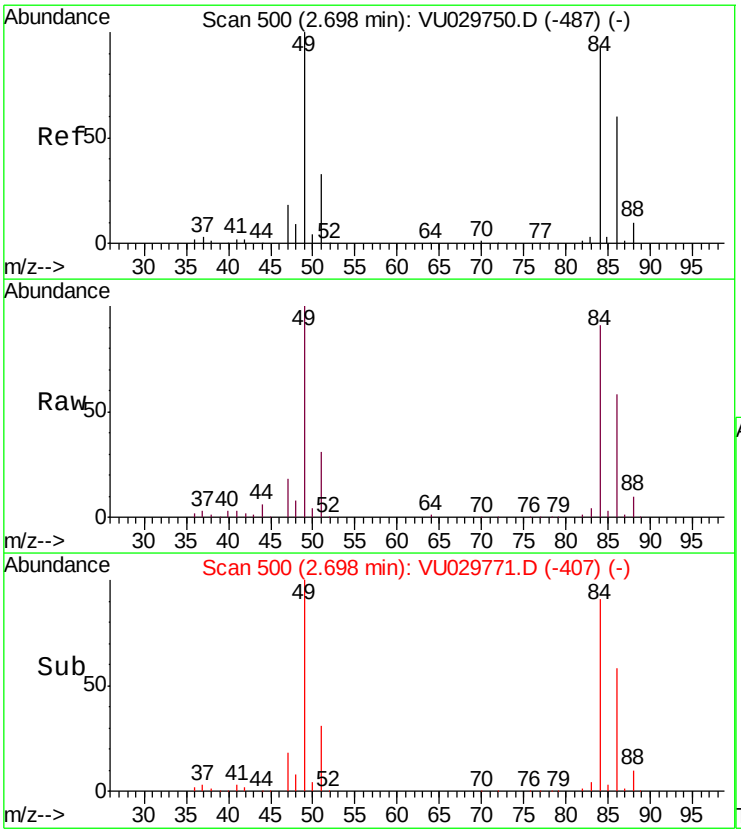
#15
Methyl Acetate
Concen: 4.495 ug/L
RT: 2.62 min Scan# 475
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion: 43 Resp: 32882

Ion	Ratio	Lower	Upper
43	100		
74	26.2	21.6	32.4

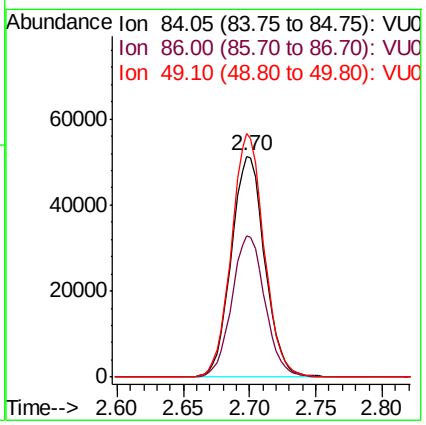


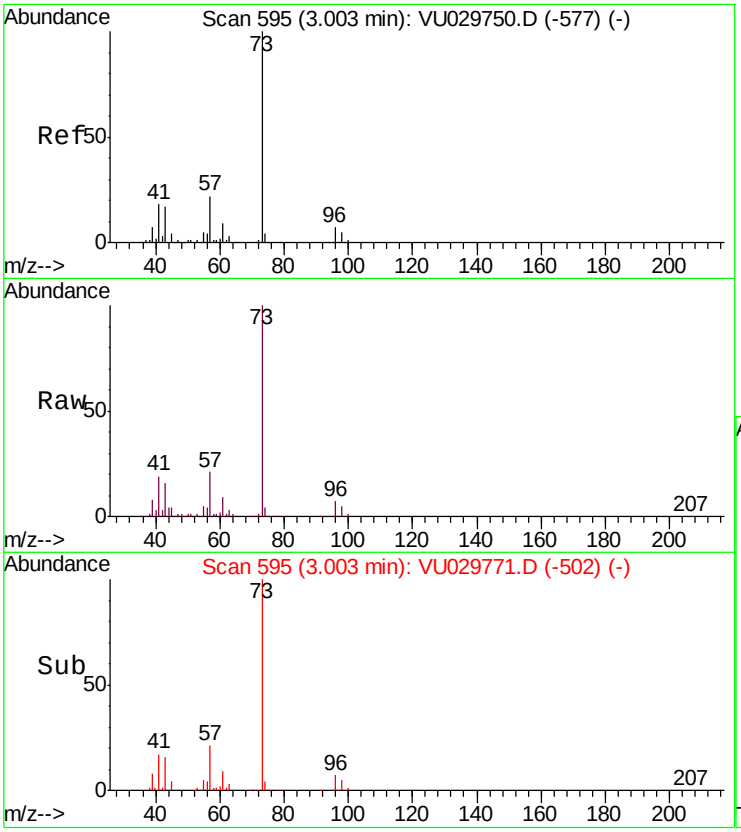


#16
Methylene chloride
Concen: 4.340 ug/L
RT: 2.70 min Scan# 500
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 84 Resp: 89991

Ion	Ratio	Lower	Upper
84	100		
86	63.9	44.2	82.0
49	110.3	77.3	143.5



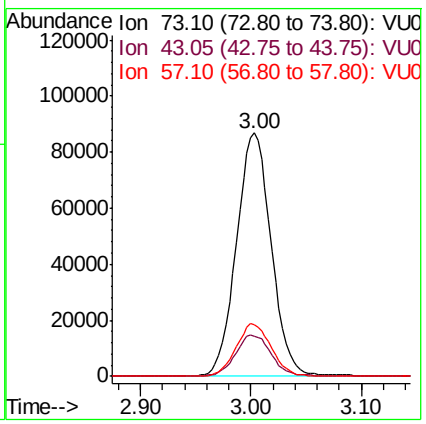


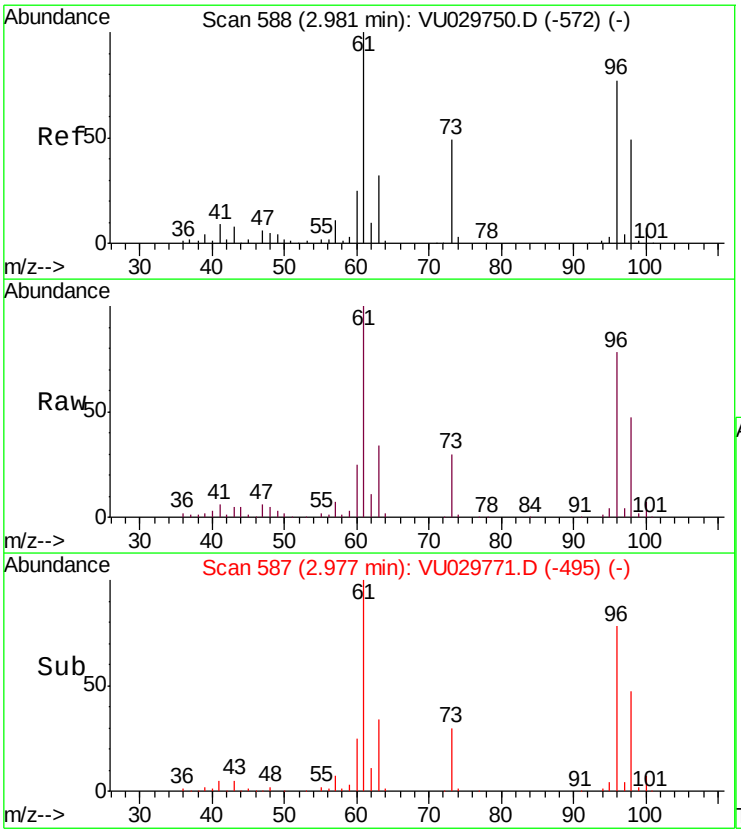
#17
Methyl tert-butyl Ether
Concen: 4.530 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Tgt Ion: 73 Resp: 189909

Ion	Ratio	Lower	Upper
73	100		
43	16.9	13.8	20.8
57	21.7	17.4	26.2

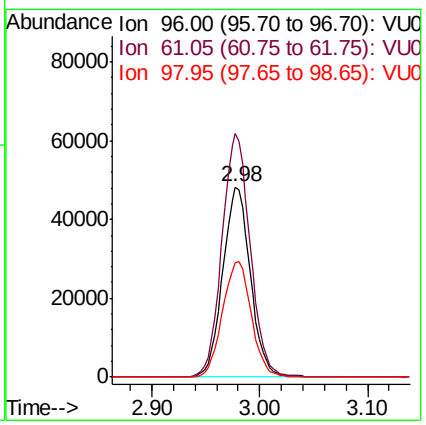


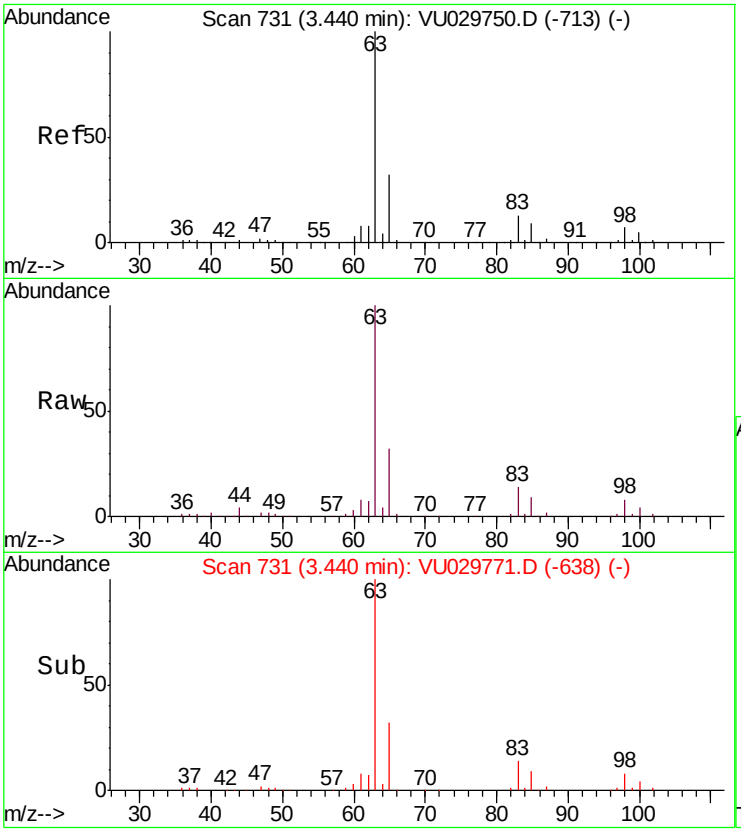


#18
trans-1,2-Dichloroethene
Concen: 4.521 ug/L
RT: 2.98 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 96 Resp: 86265

Ion	Ratio	Lower	Upper
96	100		
61	128.2	90.3	167.7
98	60.5	45.2	84.0



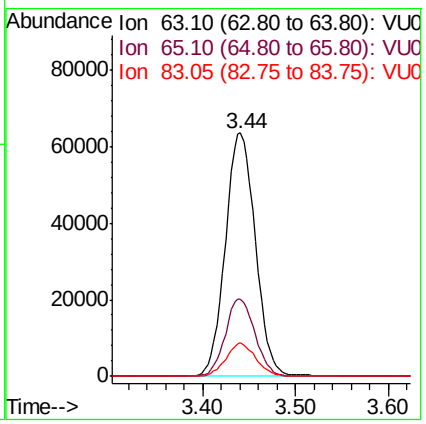


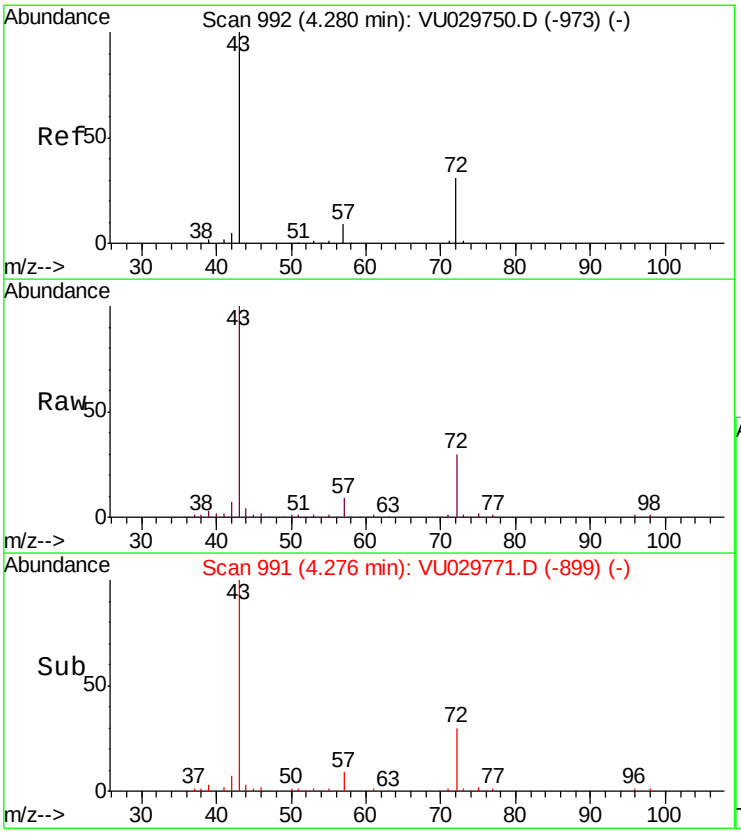
#19
1,1-Dichloroethane
Concen: 4.808 ug/L
RT: 3.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Tgt Ion: 63 Resp: 142851

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.5
83	13.7	9.9	18.5

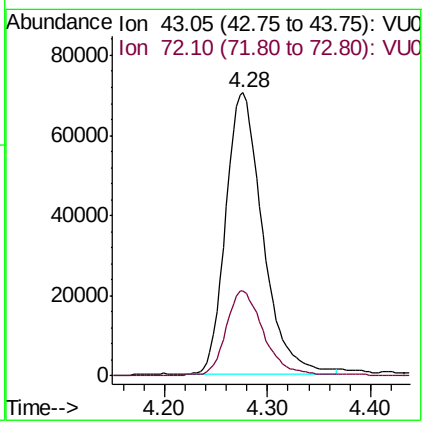


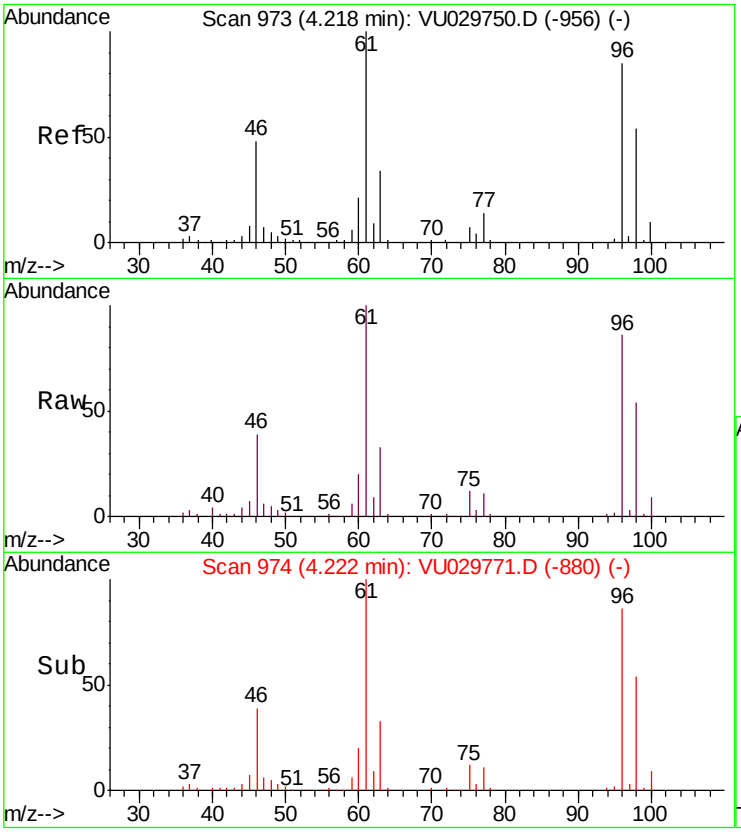


#21
2-Butanone
Concen: 50.627 ug/L
RT: 4.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 43 Resp: 176130

Ion	Ratio	Lower	Upper
43	100		
72	31.0	15.4	46.4



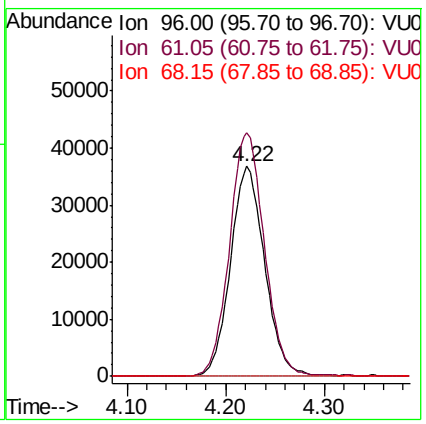


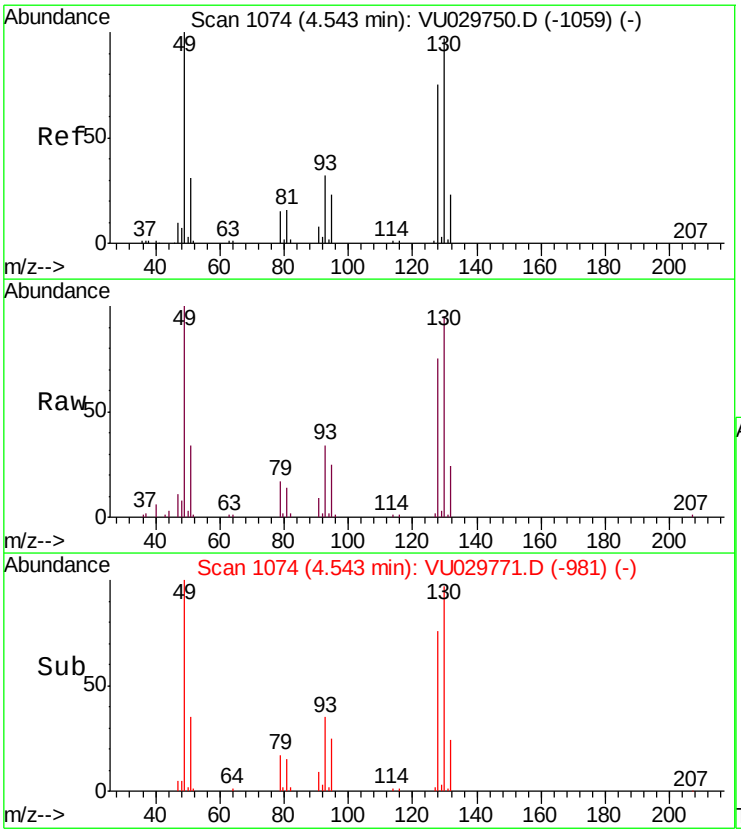
#22
cis-1,2-Dichloroethene
Concen: 5.085 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion: 96 Resp: 88859

Ion	Ratio	Lower	Upper
96	100		
61	116.1	80.2	149.0
68	0.0	0.0	0.0

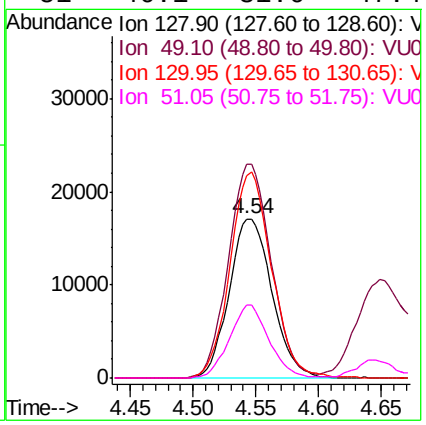


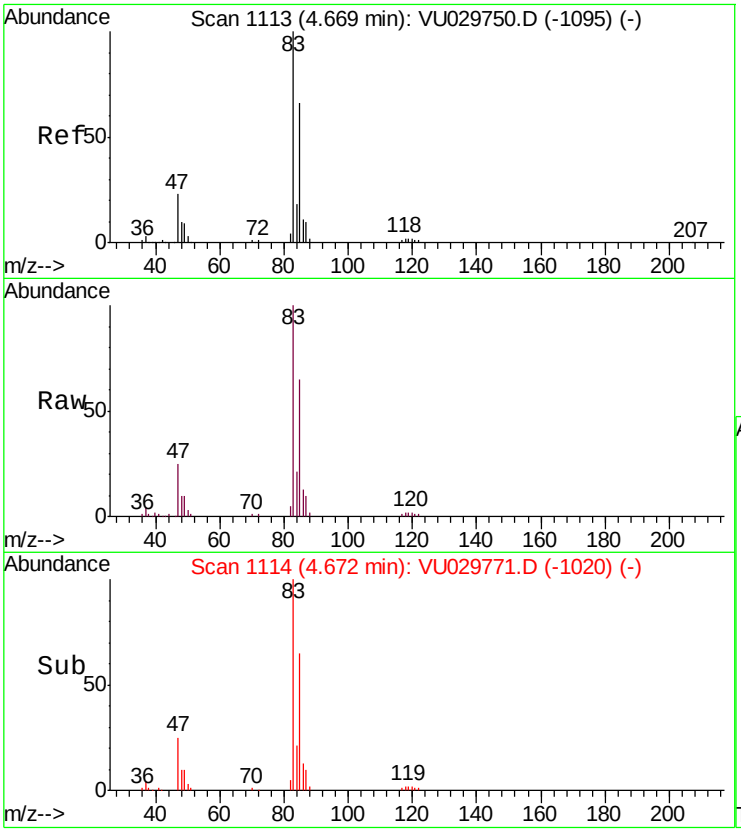


#23
Bromochloromethane
Concen: 5.146 ug/L
RT: 4.54 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:128 Resp: 40580

Ion	Ratio	Lower	Upper
128	100		
49	134.0	89.6	166.4
130	127.2	90.1	167.3
51	46.1	31.6	47.4



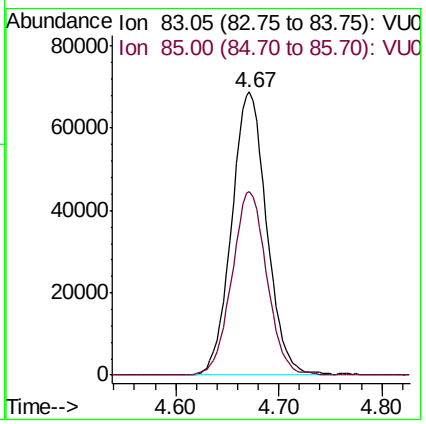


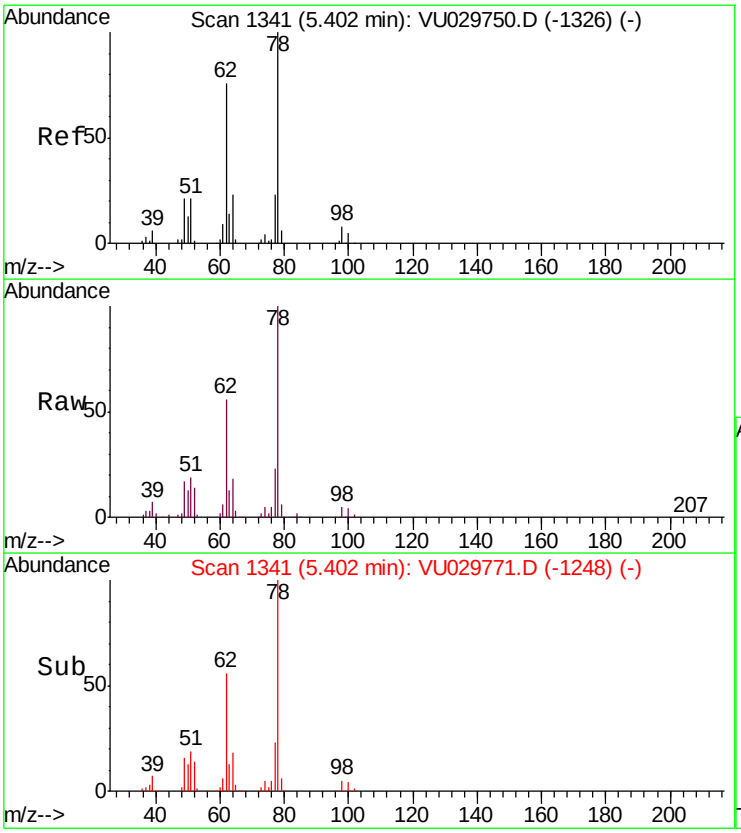
#25
Chloroform
Concen: 5.462 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Tgt Ion: 83 Resp: 162445

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.6	84.6

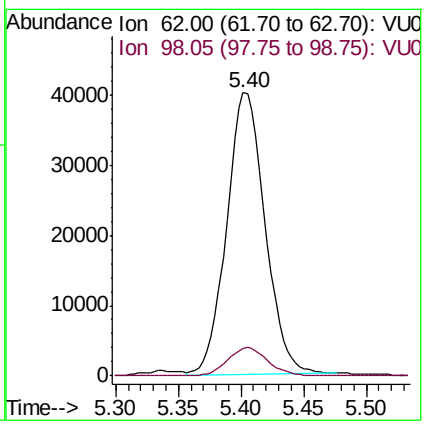


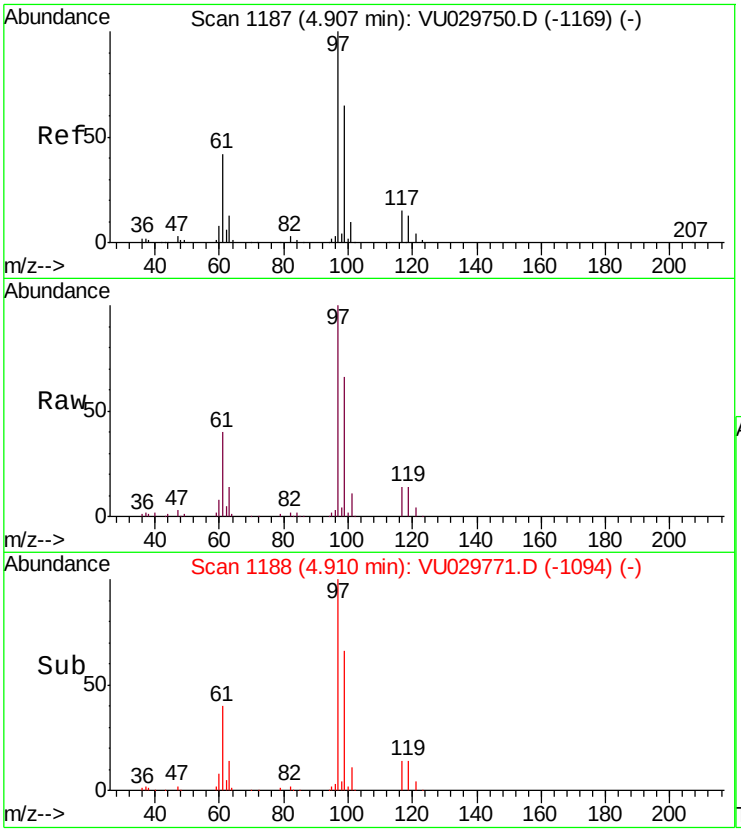


#27
1,2-Dichloroethane
Concen: 4.857 ug/L
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 62 Resp: 85316

Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.6	11.4



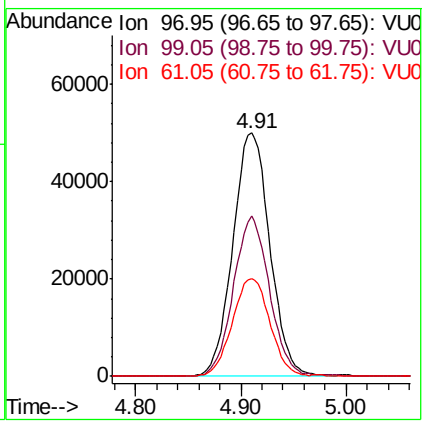


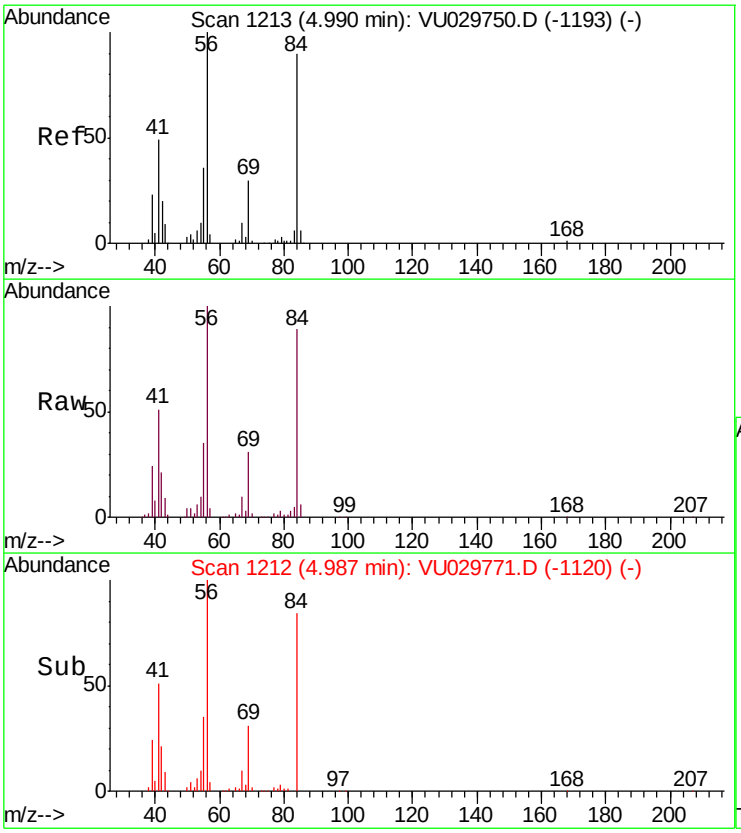
#29
1,1,1-Trichloroethane
Concen: 5.004 ug/L
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion: 97 Resp: 122099

Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.2	78.2
61	40.7	33.5	50.3

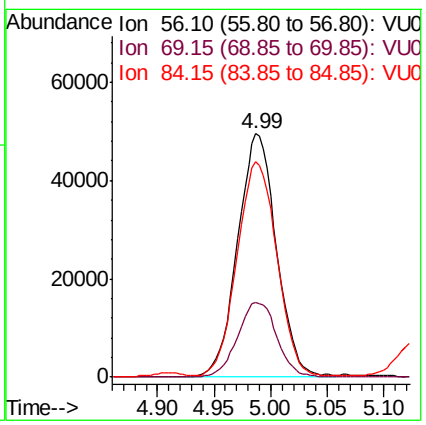


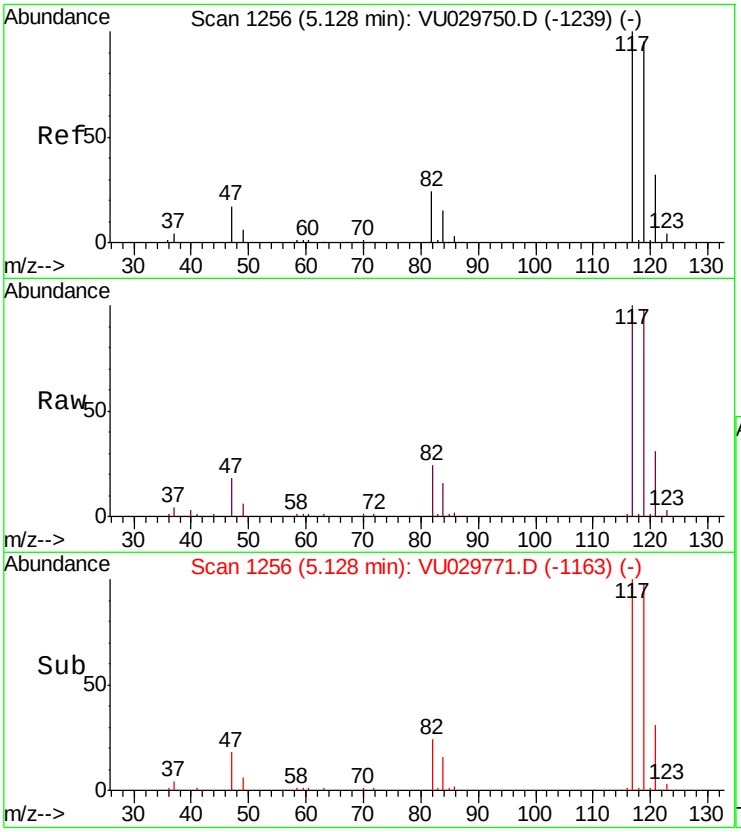


#30
Cyclohexane
Concen: 4.896 ug/L
RT: 4.99 min Scan# 1212
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 56 Resp: 118224

Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.8	38.8
84	90.3	73.5	110.3



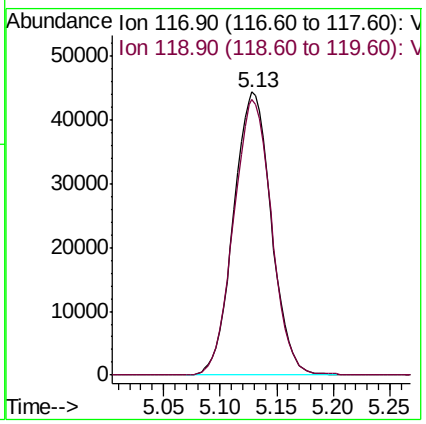


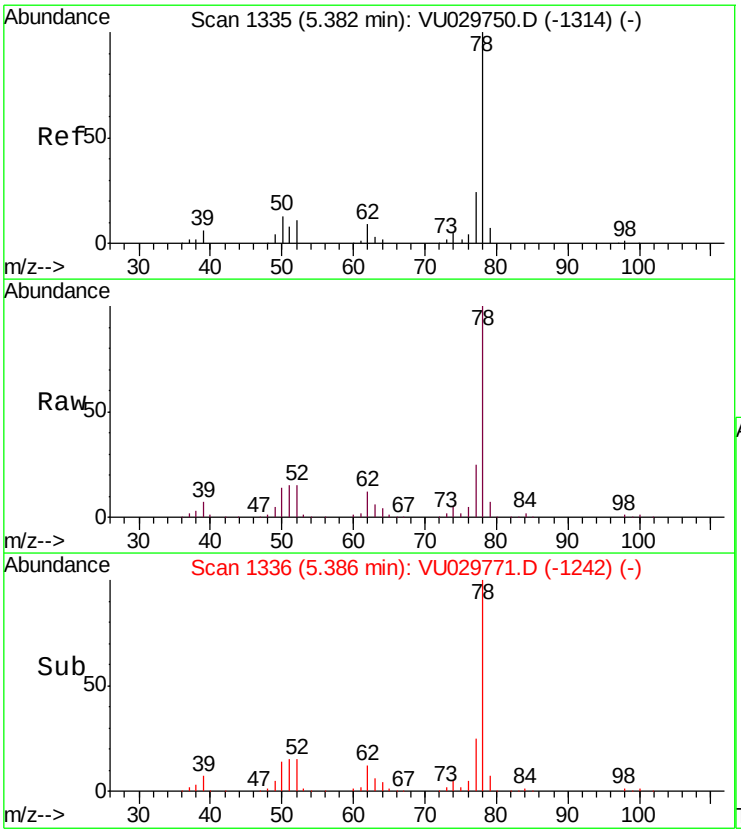
#31
Carbon tetrachloride
Concen: 4.851 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion:117 Resp: 103009

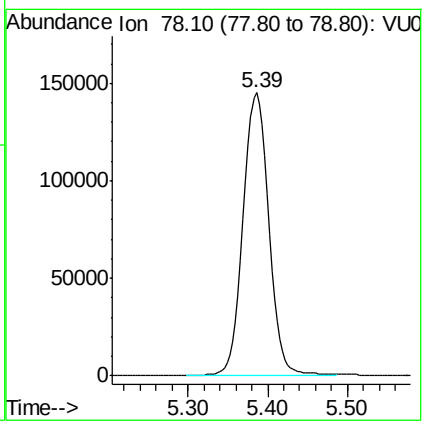
Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8

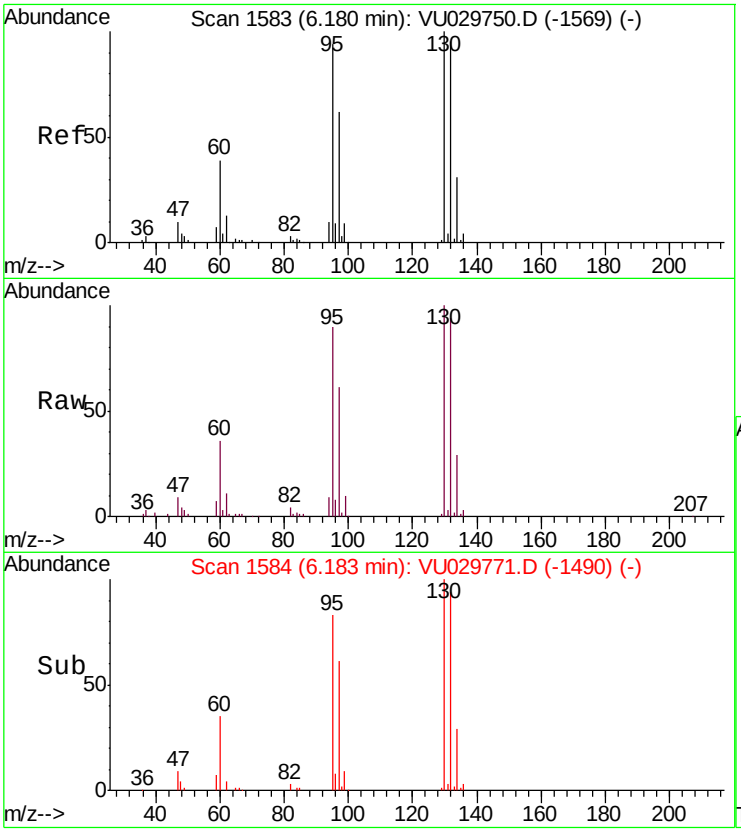




#33
Benzene
Concen: 5.105 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 78 Resp: 316671



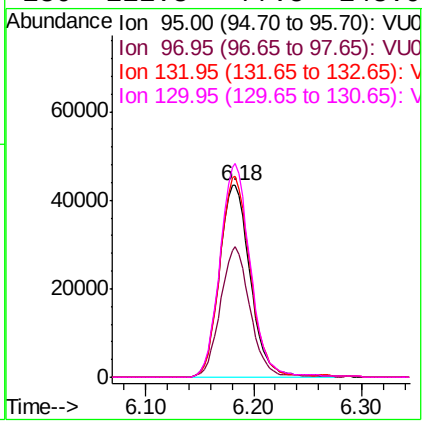


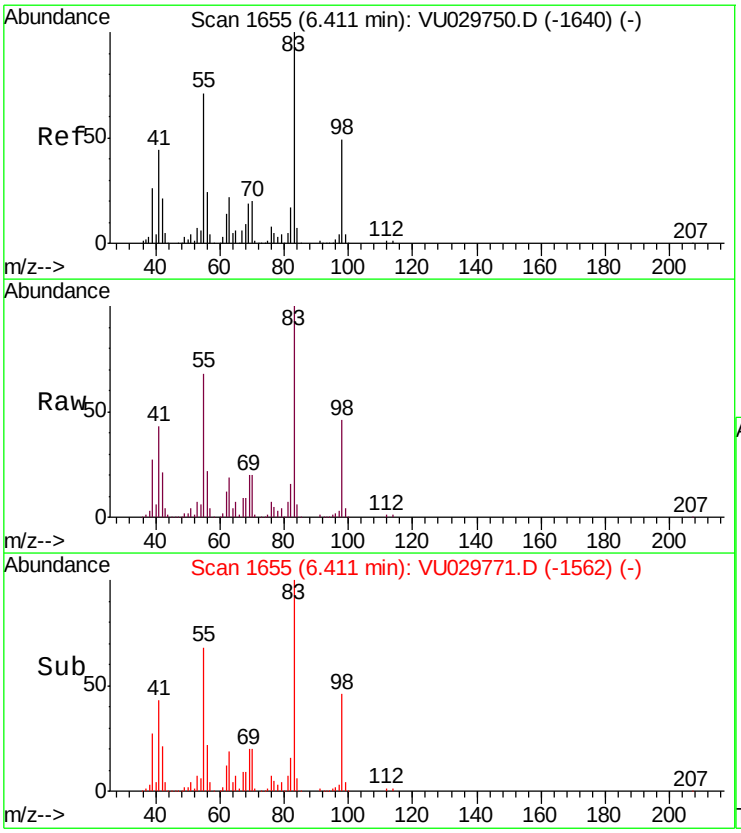
#34
Trichloroethene
Concen: 5.007 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Tgt Ion: 95 Resp: 86702

Ion	Ratio	Lower	Upper
95	100		
97	68.0	45.6	84.8
132	104.8	72.9	135.3
130	111.3	77.5	143.9

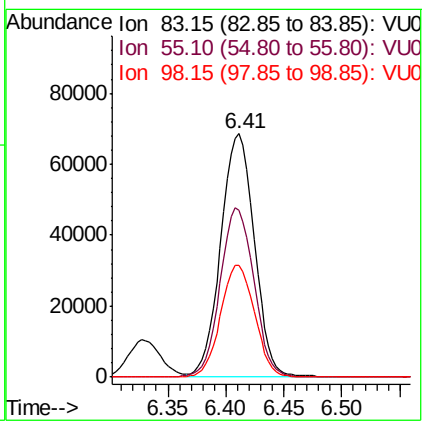


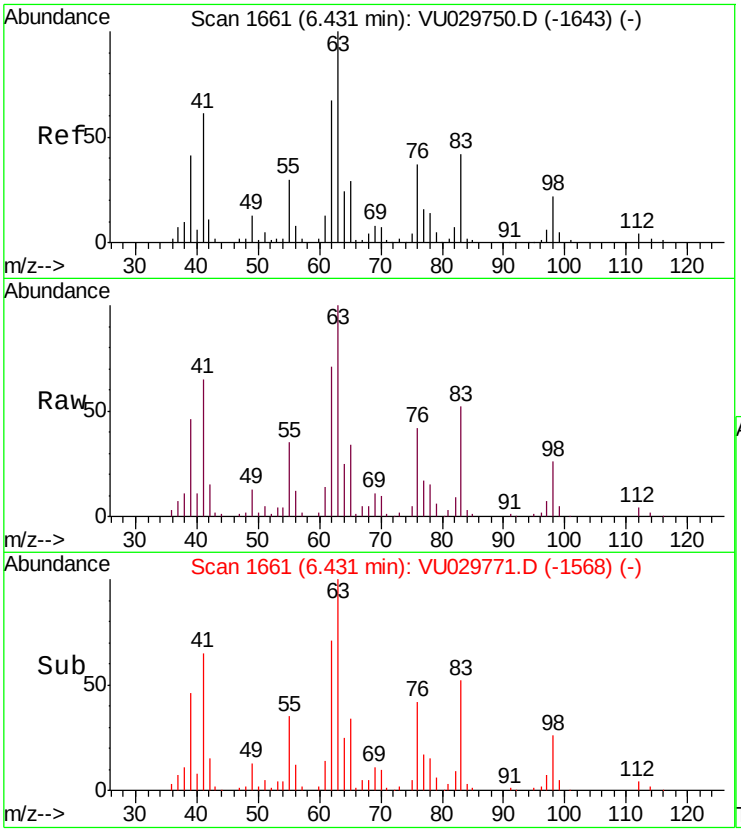


#35
Methylcyclohexane
Concen: 4.905 ug/L
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 83 Resp: 137768

Ion	Ratio	Lower	Upper
83	100		
55	69.7	56.5	84.7
98	46.5	39.4	59.2



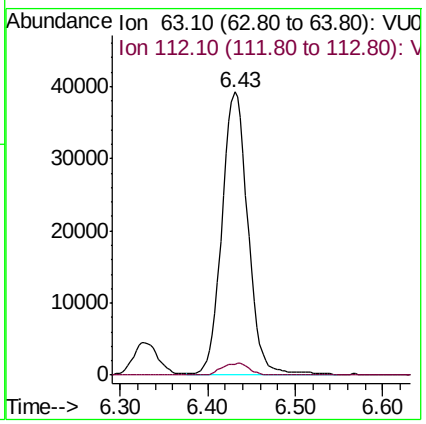


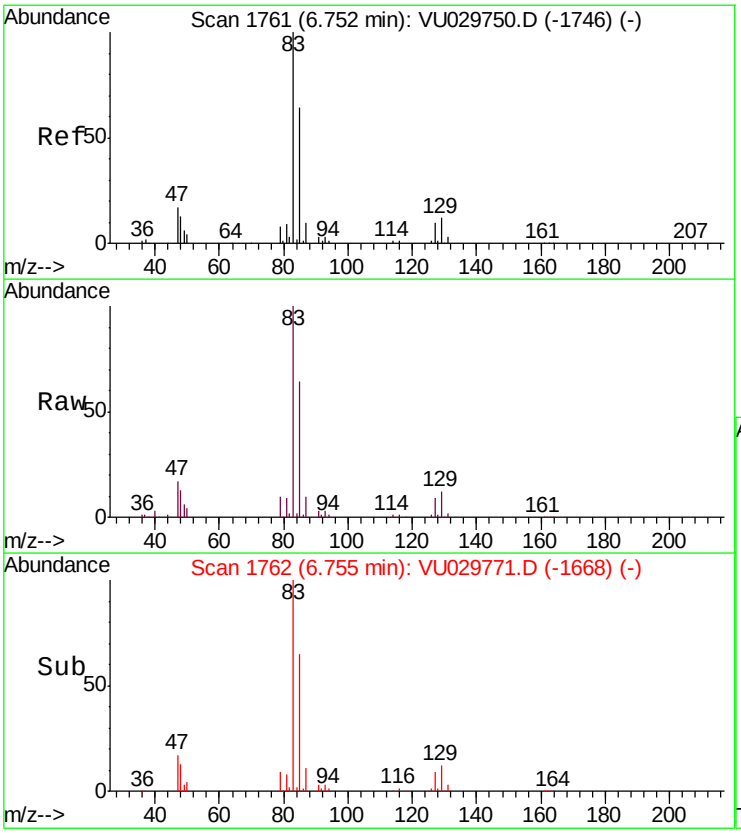
#37
1,2-Dichloropropane
Concen: 5.180 ug/L
RT: 6.43 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion: 63 Resp: 80952

Ion	Ratio	Lower	Upper
63	100		
112	4.3	3.6	5.4

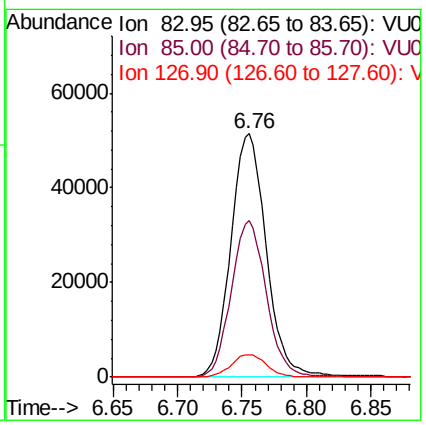


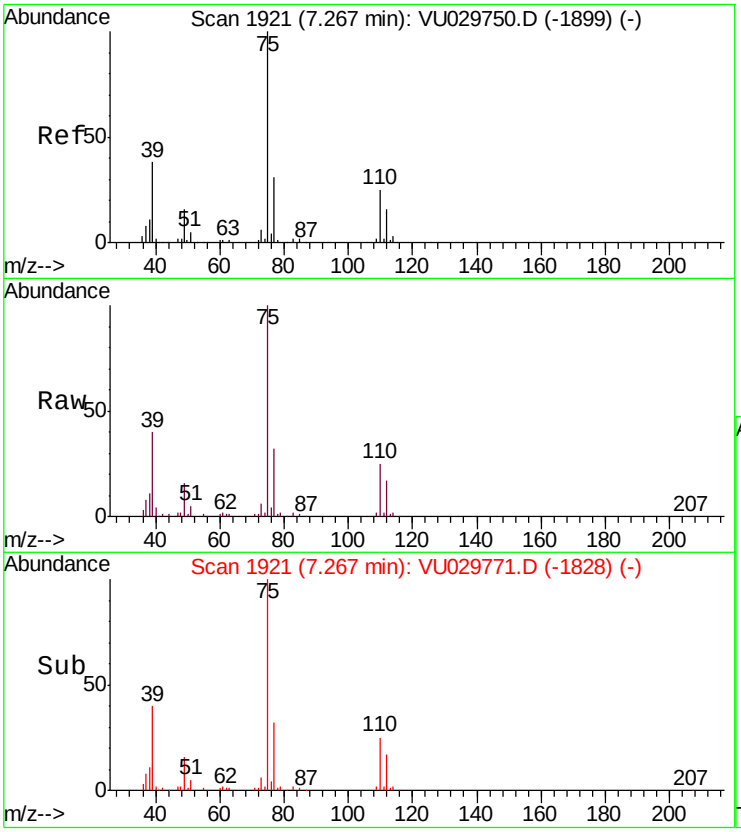


#38
Bromodichloromethane
Concen: 5.028 ug/L
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 83 Resp: 98088

Ion	Ratio	Lower	Upper
83	100		
85	64.2	46.1	85.5
127	9.3	7.5	11.3



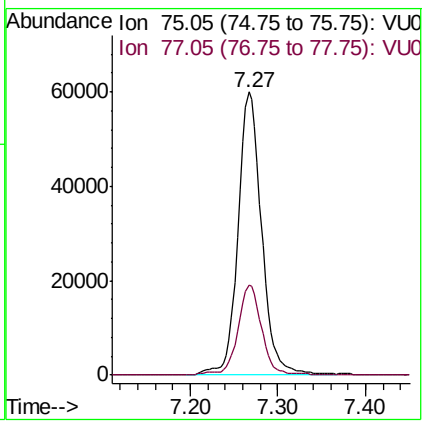


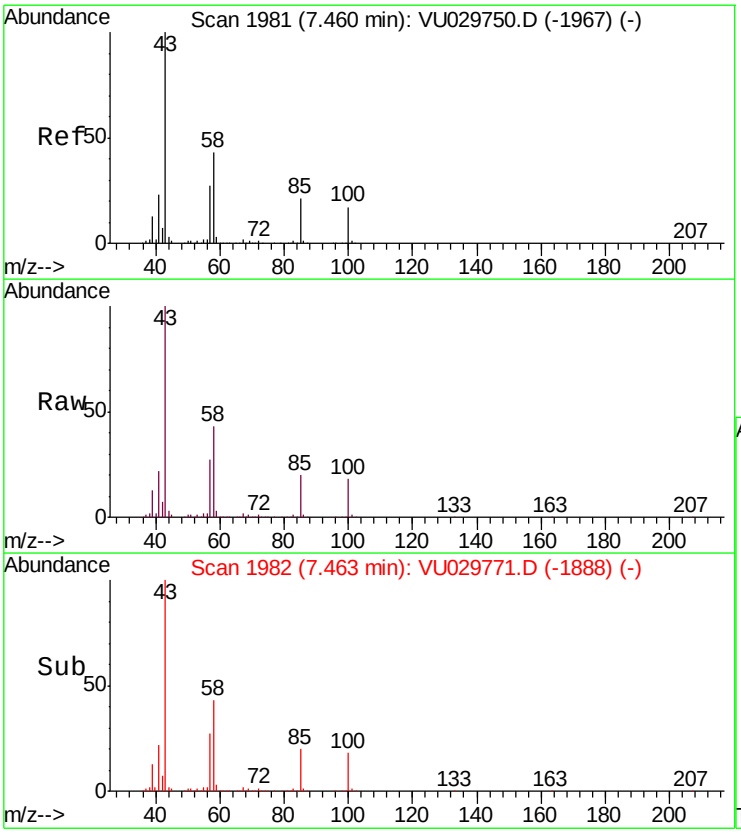
#39
cis-1,3-Dichloropropene
Concen: 4.924 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion: 75 Resp: 112626

Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.3	41.5

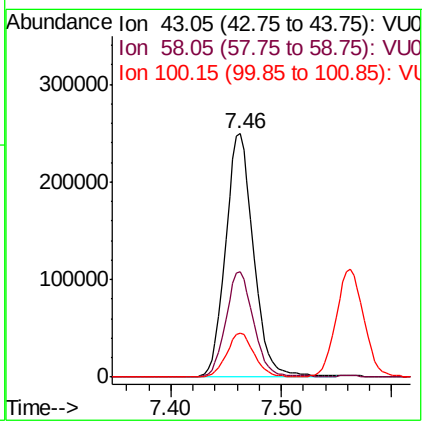


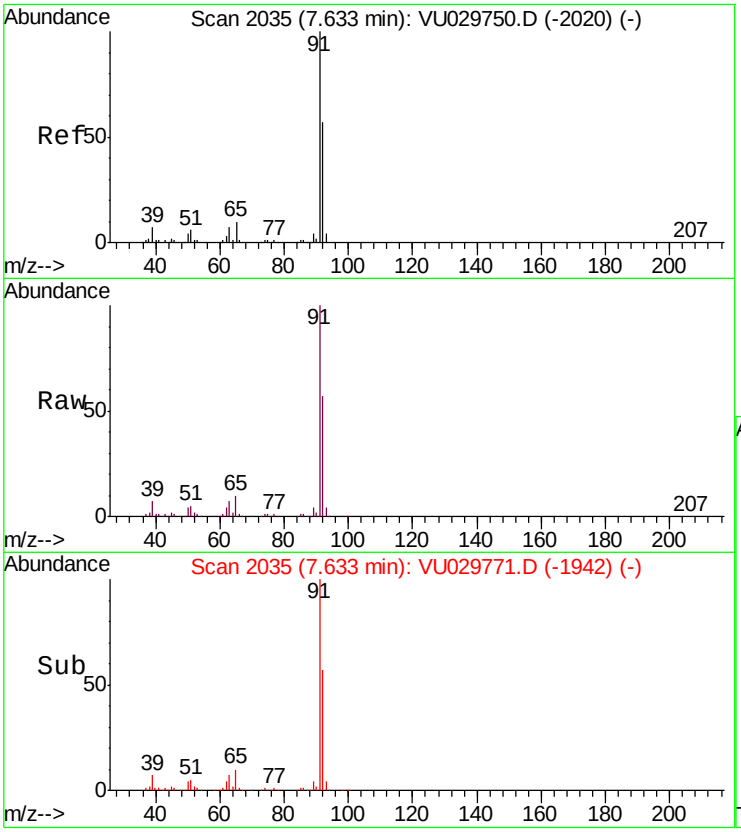


#40
4-Methyl-2-pentanone
Concen: 50.002 ug/L
RT: 7.46 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 43 Resp: 439157

Ion	Ratio	Lower	Upper
43	100		
58	43.1	33.8	50.8
100	17.8	14.2	21.2



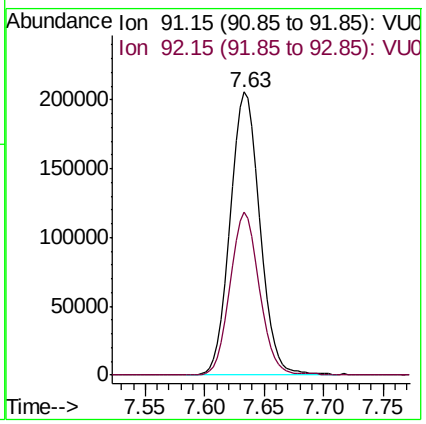


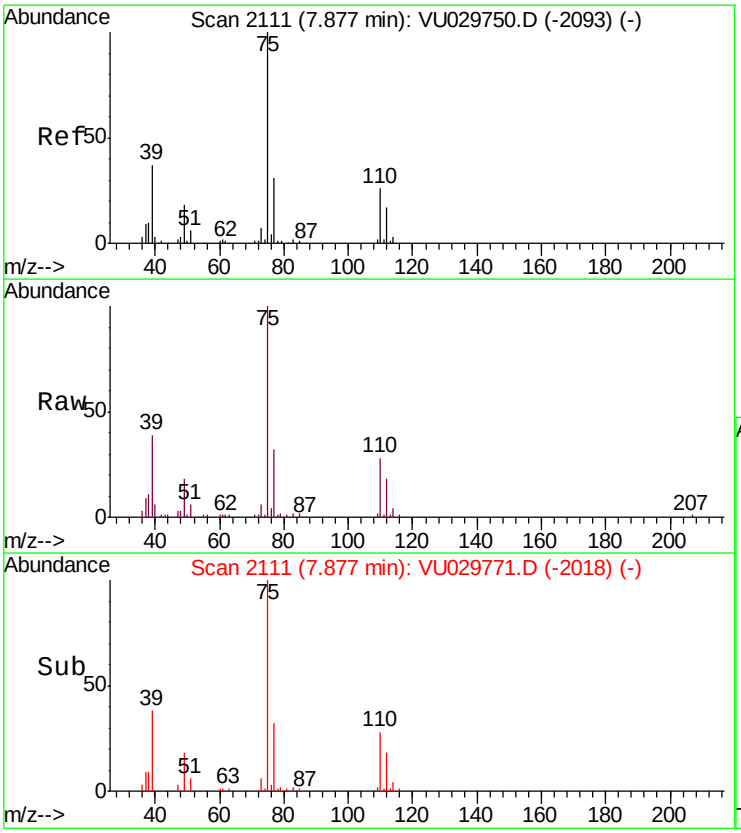
#42
Toluene
Concen: 5.082 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion: 91 Resp: 357570

Ion	Ratio	Lower	Upper
91	100		
92	57.4	40.1	74.5

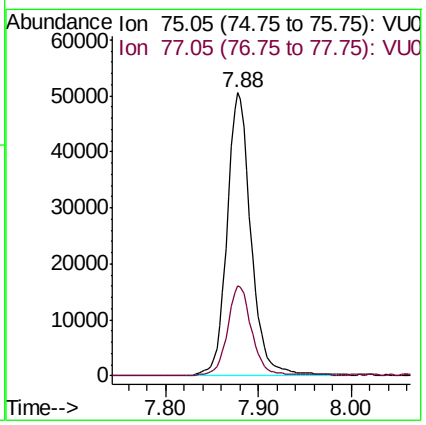


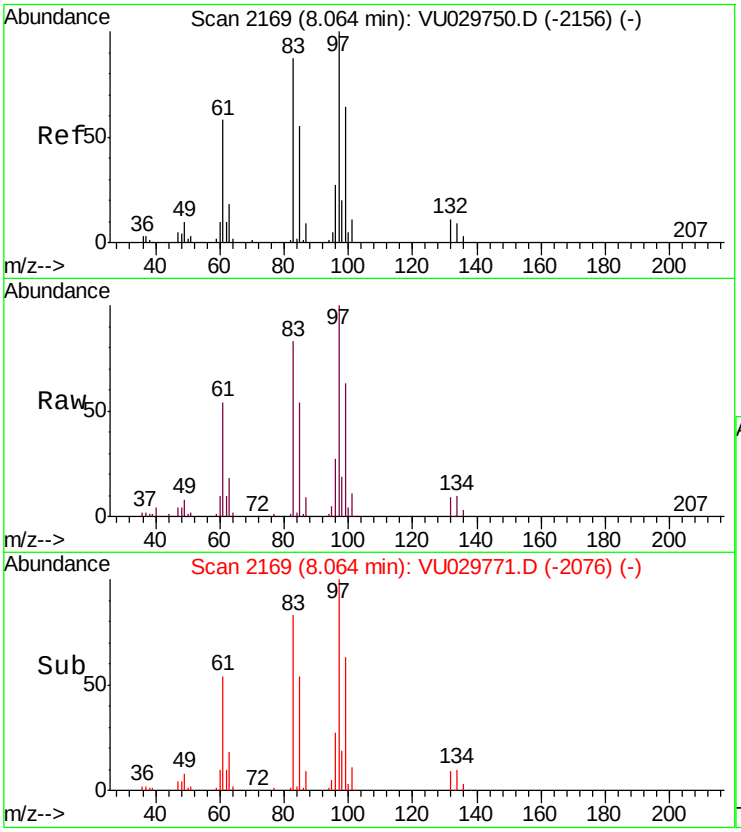


#44
trans-1,3-Dichloropropene
Concen: 4.942 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 75 Resp: 90727

Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.2	41.2



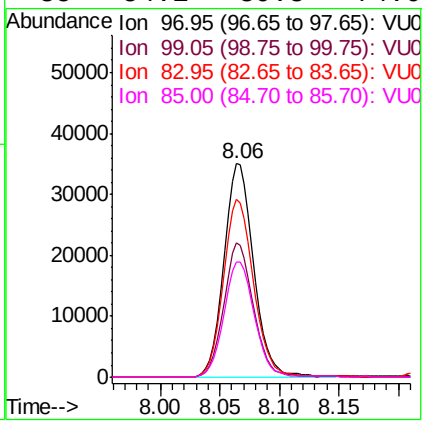


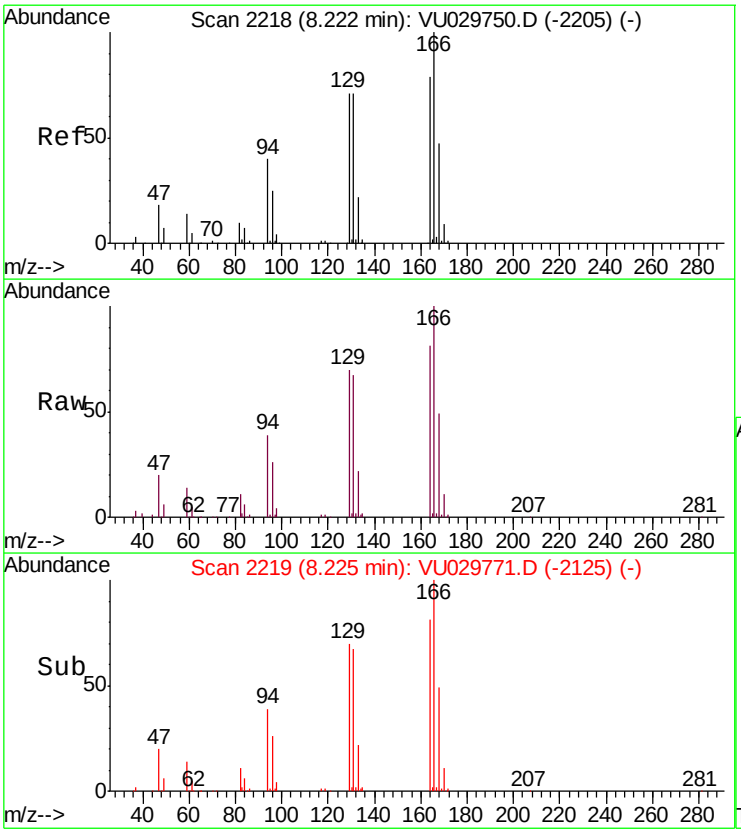
#45
1,1,2-Trichloroethane
Concen: 4.971 ug/L
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion: 97 Resp: 60831

Ion	Ratio	Lower	Upper
97	100		
99	63.2	45.3	84.1
83	83.4	59.6	110.6
85	54.1	39.8	74.0

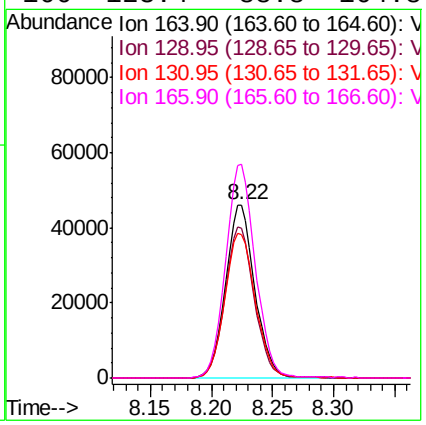


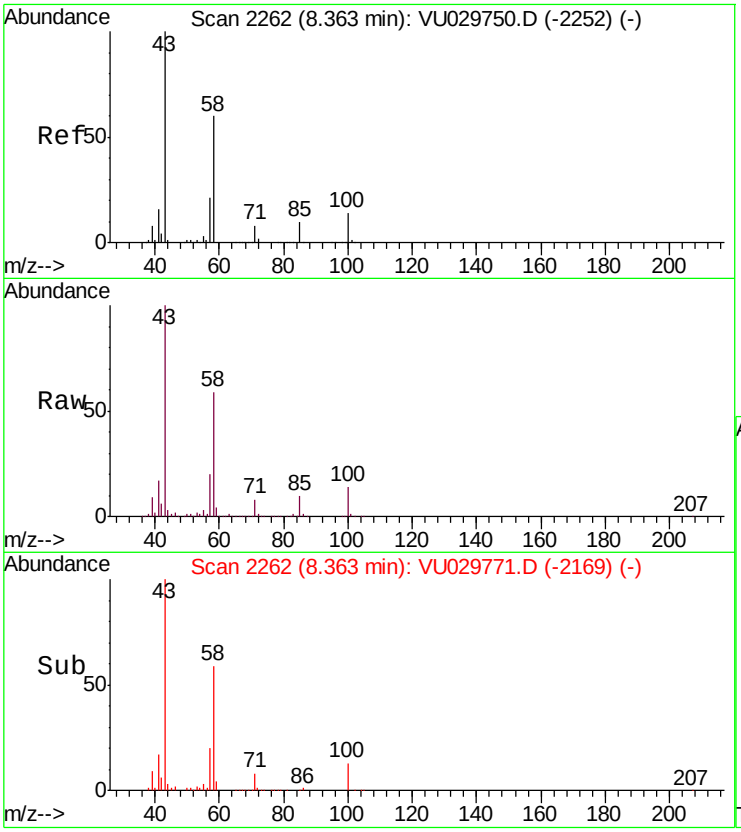


#47
Tetrachloroethene
Concen: 4.796 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:164 Resp: 77118

Ion	Ratio	Lower	Upper
164	100		
129	86.3	62.9	116.7
131	83.1	61.8	114.8
166	123.4	88.8	164.8



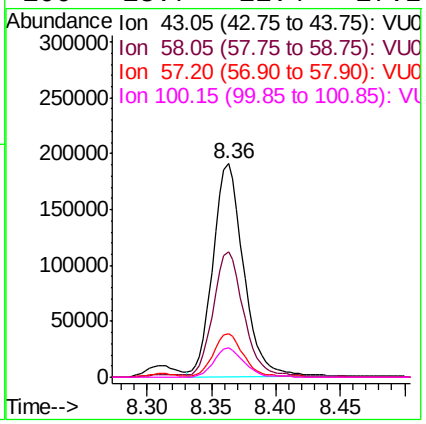


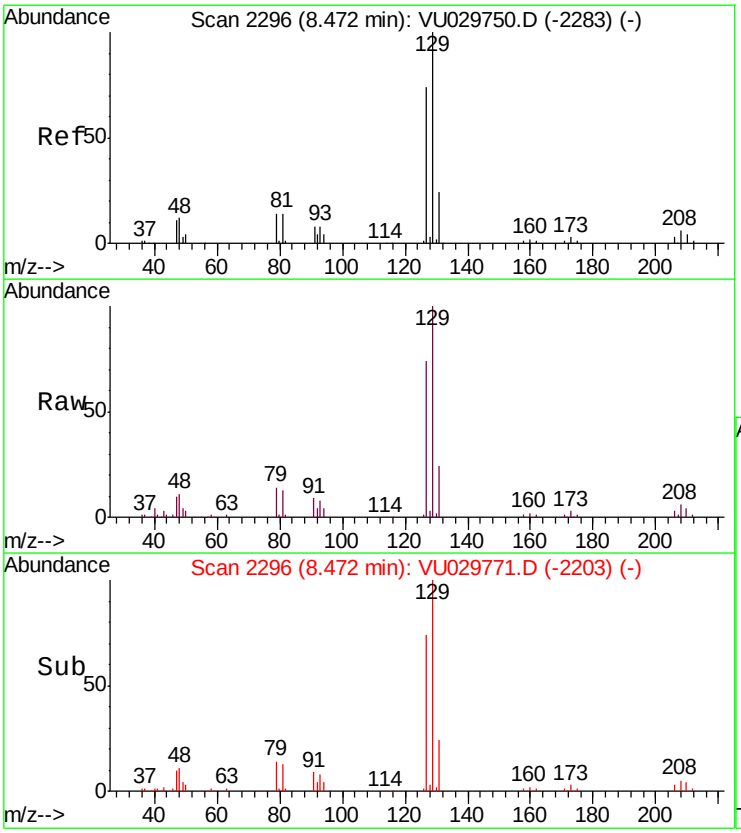
#48
2-Hexanone
Concen: 49.189 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Tgt Ion: 43 Resp: 315954

Ion	Ratio	Lower	Upper
43	100		
58	59.3	46.6	69.8
57	20.0	15.9	23.9
100	13.7	11.4	17.2

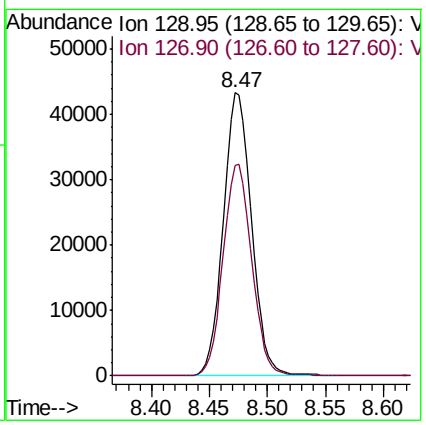


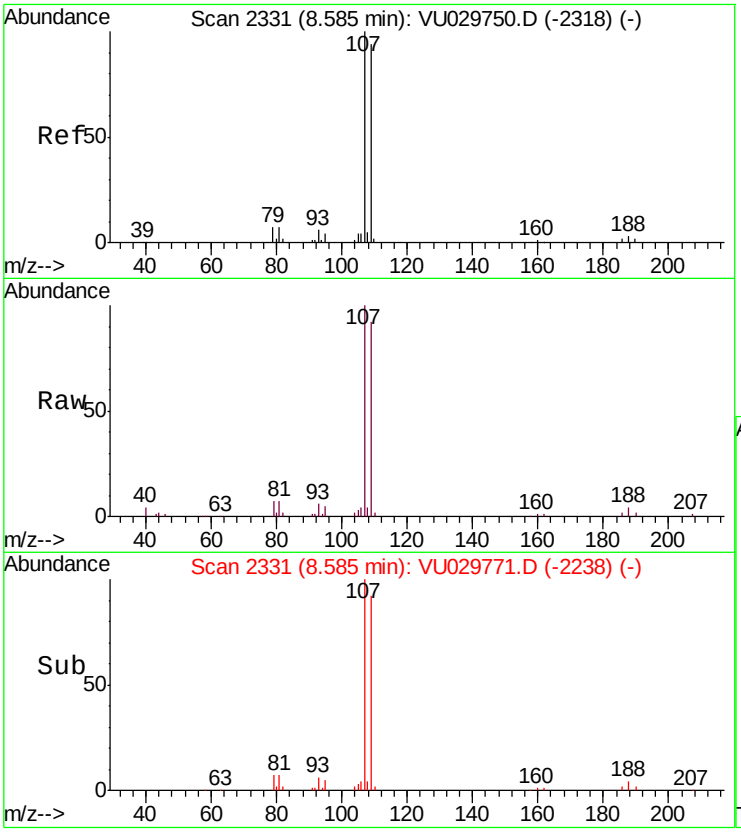


#49
Dibromochloromethane
Concen: 4.918 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:129 Resp: 72905

Ion	Ratio	Lower	Upper
129	100		
127	74.1	52.5	97.5



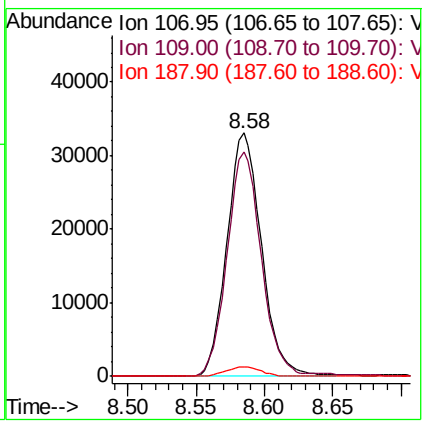


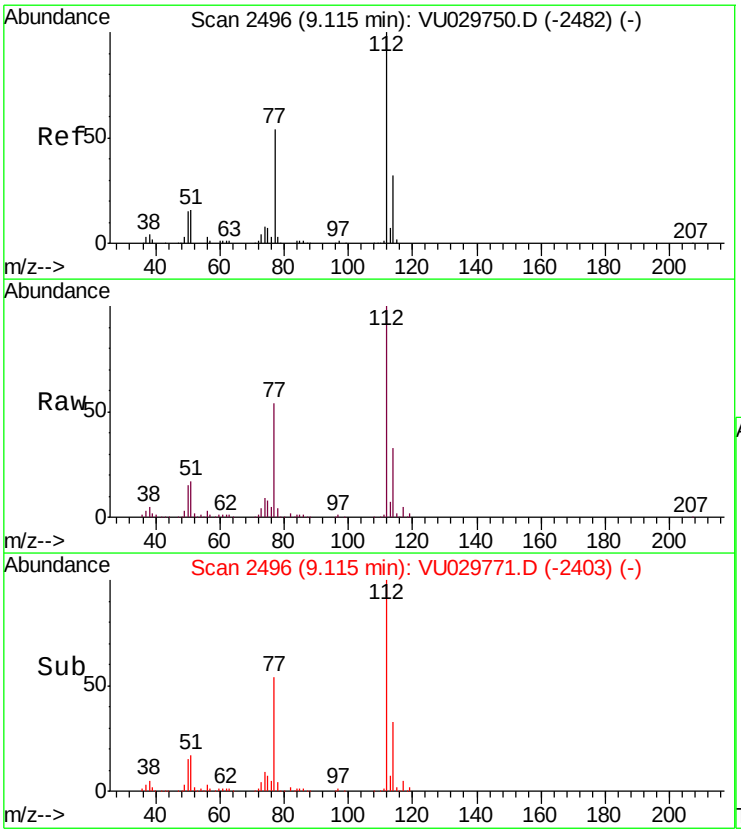
#50
1,2-Dibromoethane
Concen: 4.867 ug/L
RT: 8.58 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion:107 Resp: 58305

Ion	Ratio	Lower	Upper
107	100		
109	92.3	65.8	122.2
188	3.8	3.3	4.9

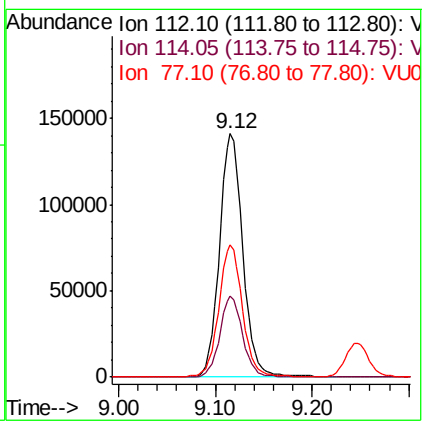


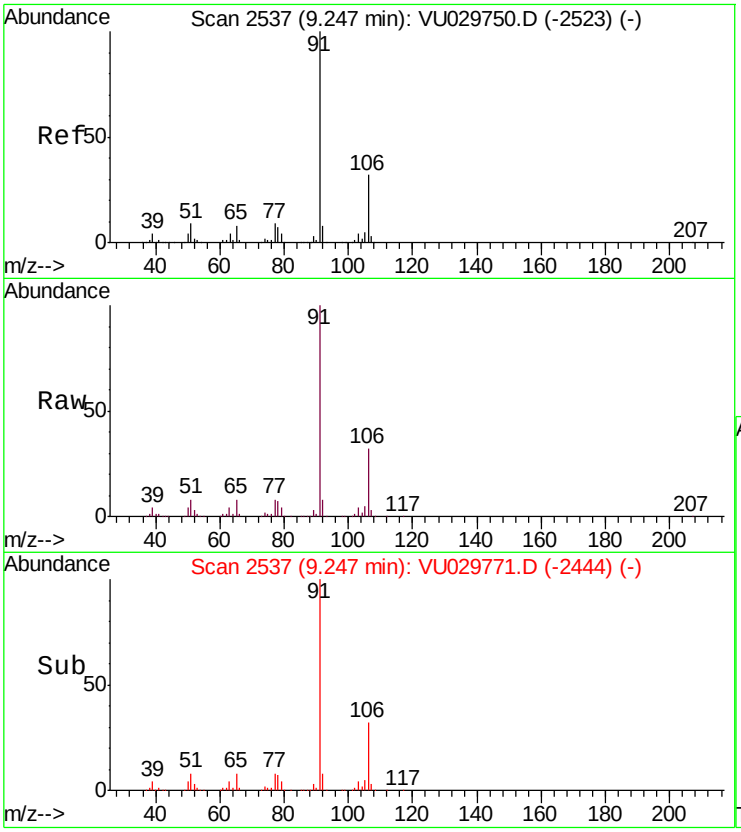


#51
Chlorobenzene
Concen: 4.880 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:112 Resp: 235857

Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.3	41.3
77	54.2	42.7	64.1



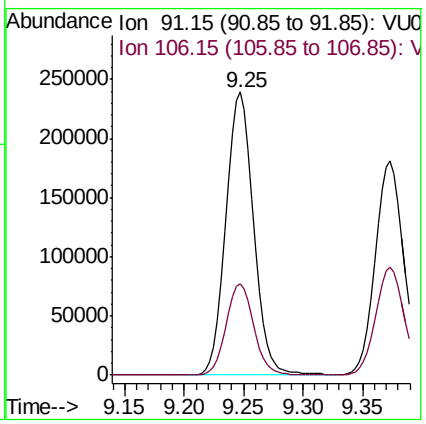


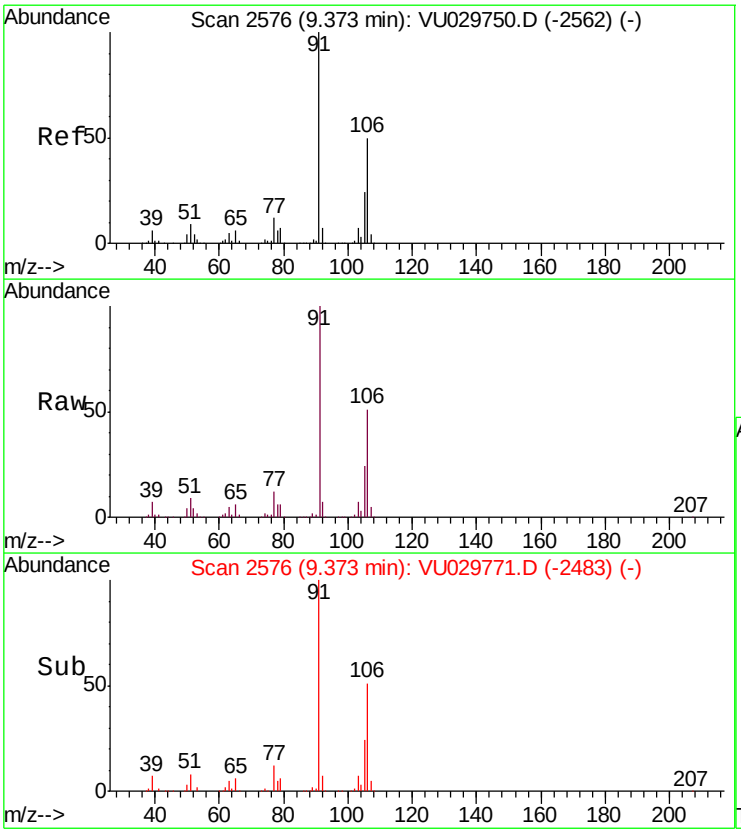
#52
Ethylbenzene
Concen: 4.910 ug/L
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Tgt Ion: 91 Resp: 386406

Ion	Ratio	Lower	Upper
91	100		
106	32.2	22.1	41.1

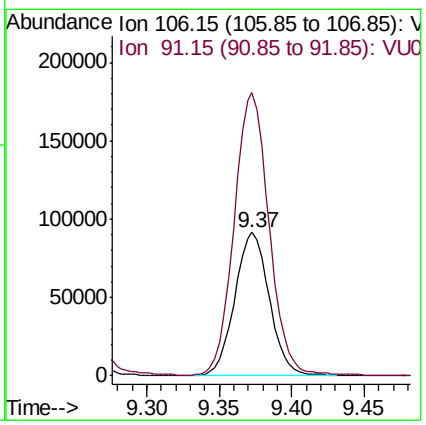


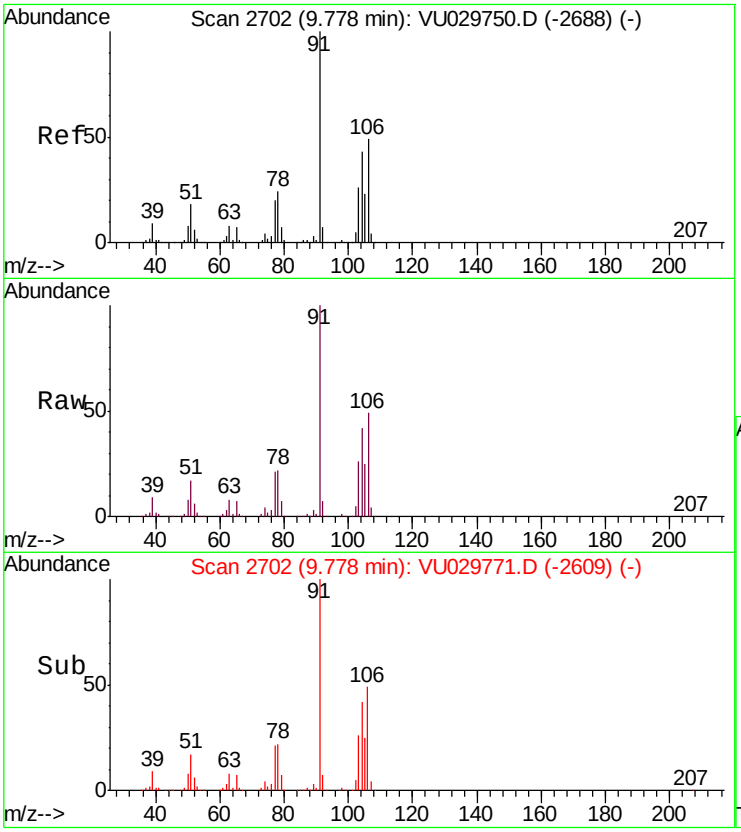


#53
m,p-xylene
Concen: 4.784 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:106 Resp: 150932

Ion	Ratio	Lower	Upper
106	100		
91	197.5	136.0	252.6



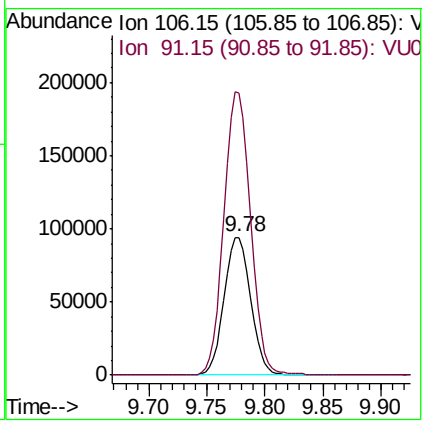


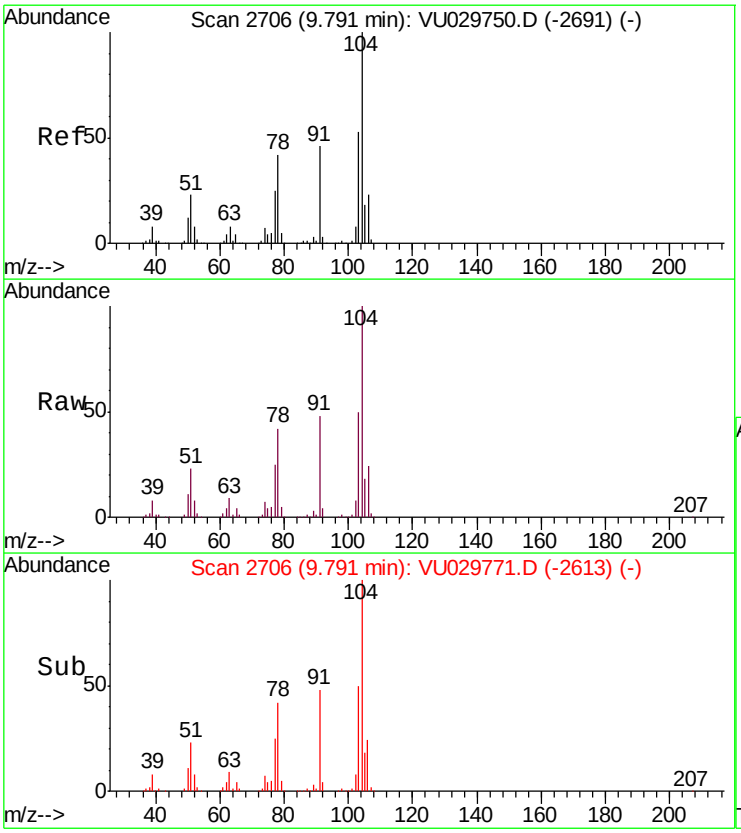
#54
o-xylene
Concen: 4.929 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Tgt Ion:106 Resp: 149737

Ion	Ratio	Lower	Upper
106	100		
91	204.8	145.7	270.5

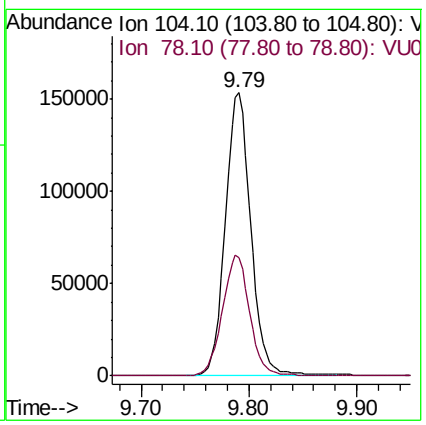


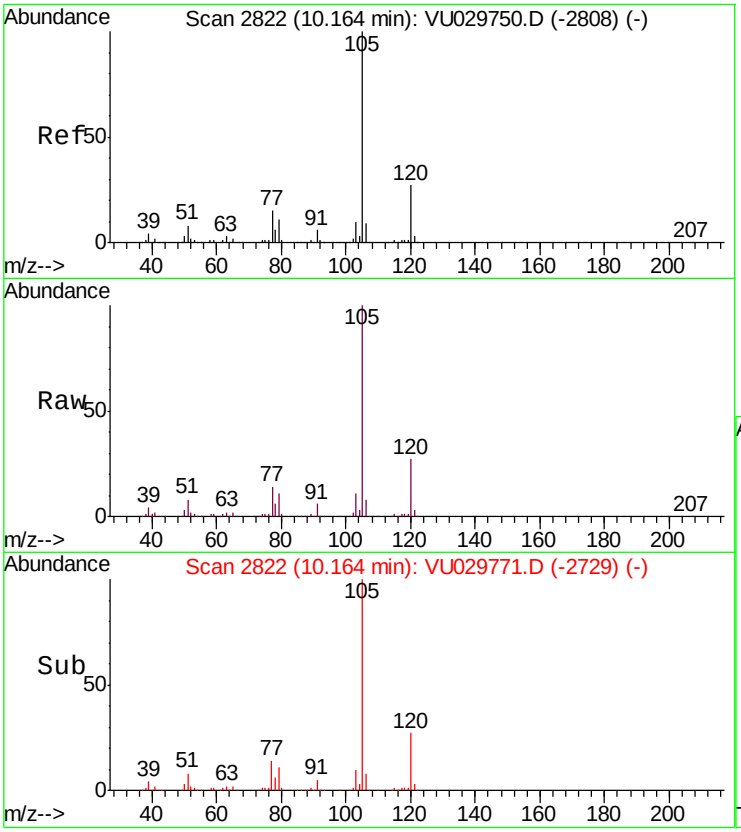


#55
Styrene
Concen: 4.998 ug/L
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:104 Resp: 253639

Ion	Ratio	Lower	Upper
104	100		
78	42.0	29.2	54.2



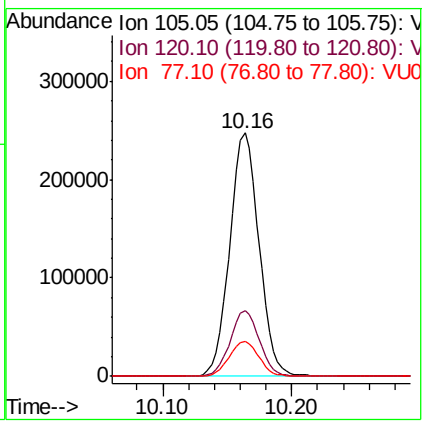


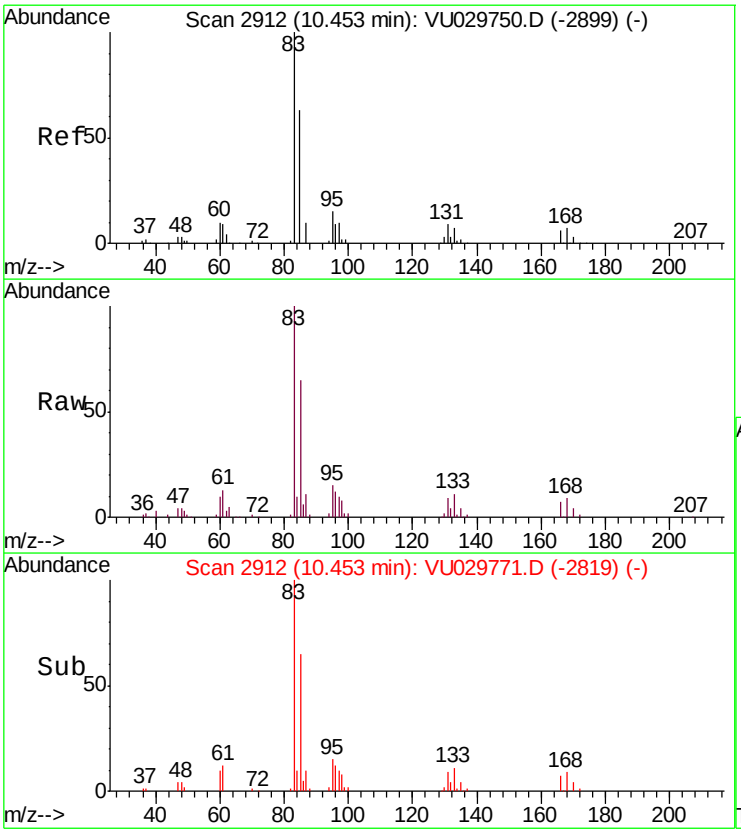
#56
Isopropylbenzene
Concen: 4.796 ug/L
RT: 10.16 min Scan# 2822
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion:105 Resp: 390956

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.8	32.6
77	14.7	11.5	17.3

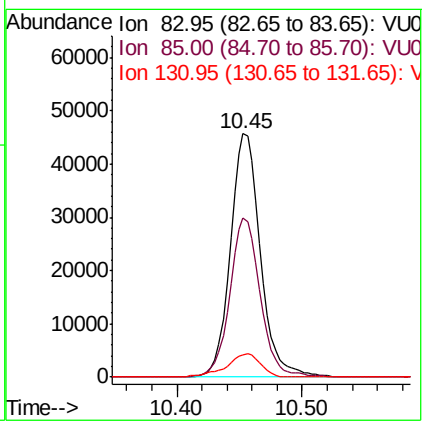


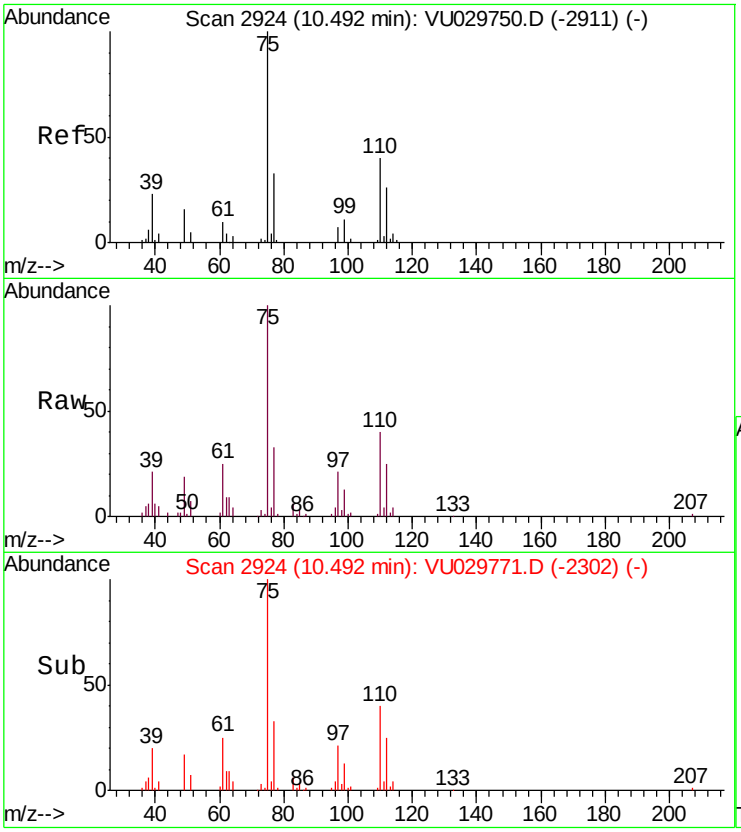


#58
1,1,2,2-Tetrachloroethane
Concen: 5.019 ug/L
RT: 10.45 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 83 Resp: 75699

Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.9	83.3
131	9.3	8.9	13.3



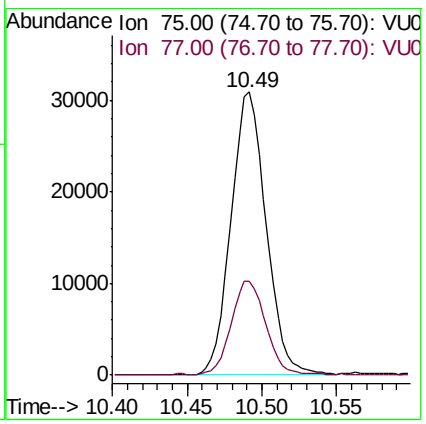


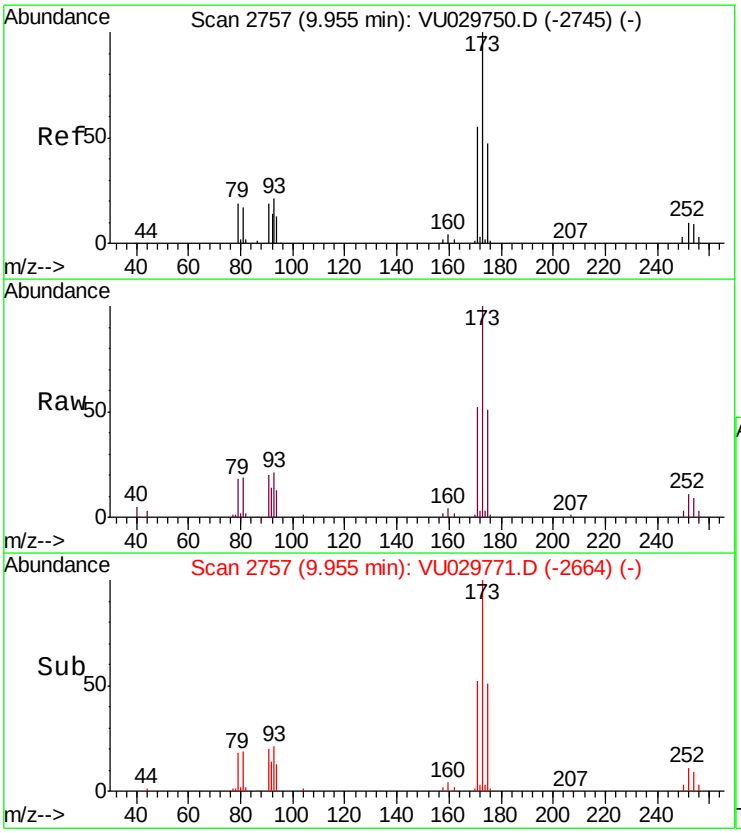
#59
1,2,3-Trichloropropane
Concen: 4.854 ug/L
RT: 10.49 min Scan# 2924
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument : MSVOA_U
ClientSampleId : VSTD00545

Tgt Ion: 75 Resp: 50657

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.6	38.4

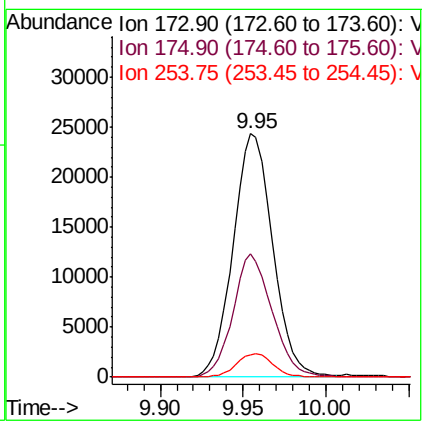


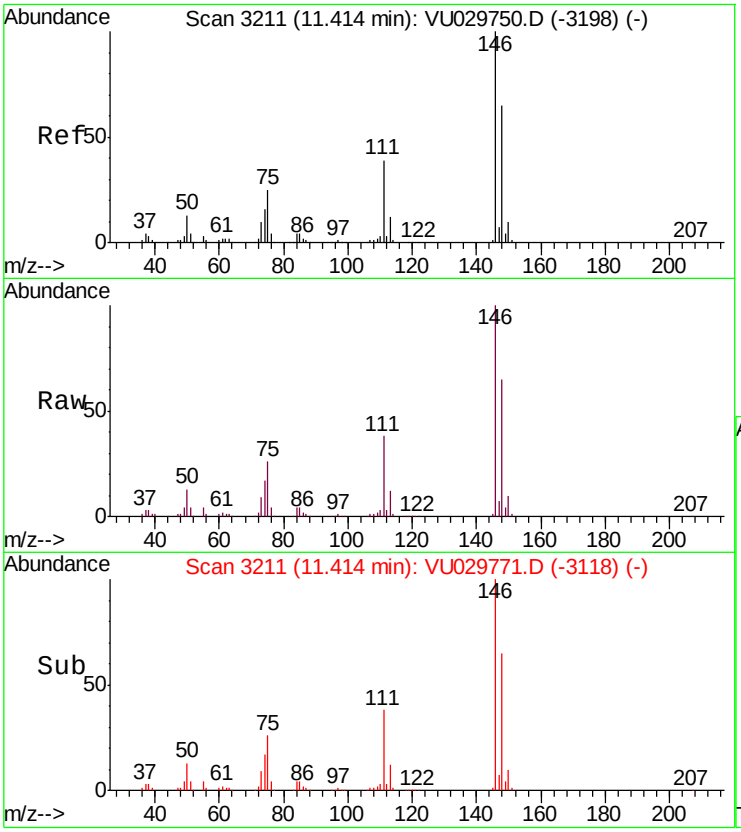


#61
Bromoform
Concen: 4.985 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:173 Resp: 40642

Ion	Ratio	Lower	Upper
173	100		
175	49.6	39.0	58.6
254	8.8	8.2	12.4



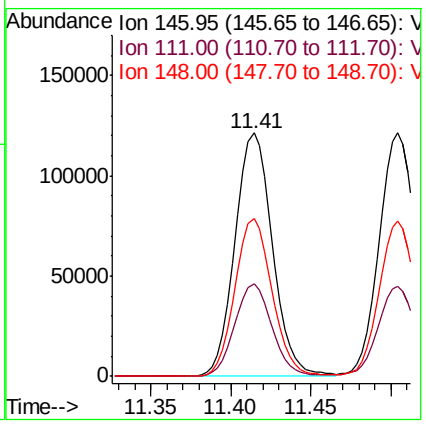


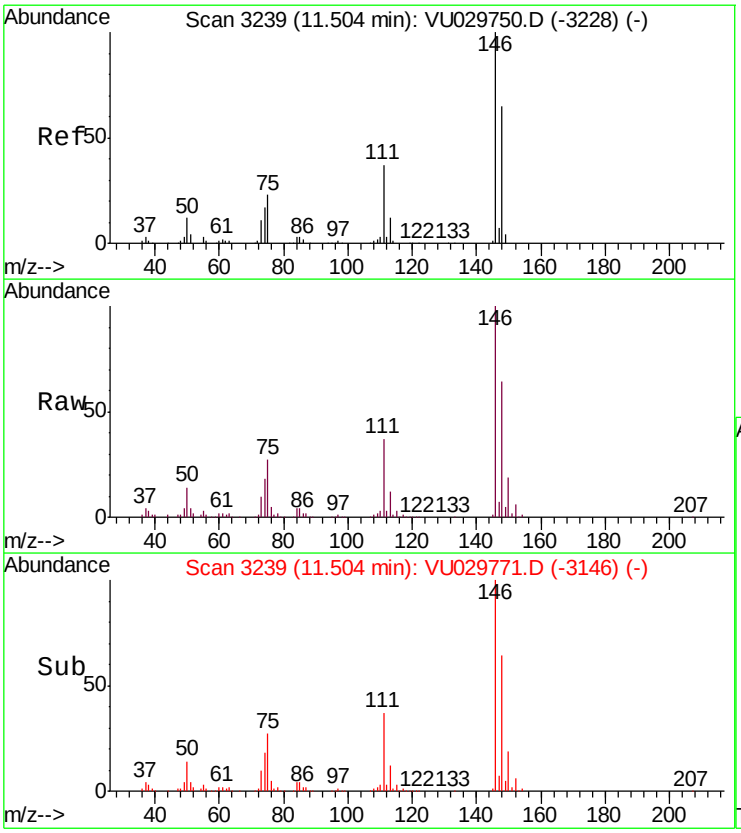
#62
1,3-Dichlorobenzene
Concen: 4.961 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion:146 Resp: 193628

Ion	Ratio	Lower	Upper
146	100		
111	38.0	25.7	47.7
148	64.7	44.0	81.8

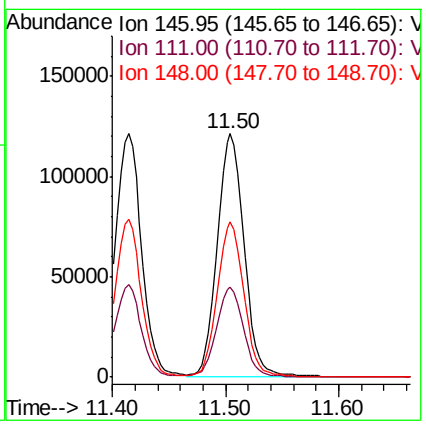


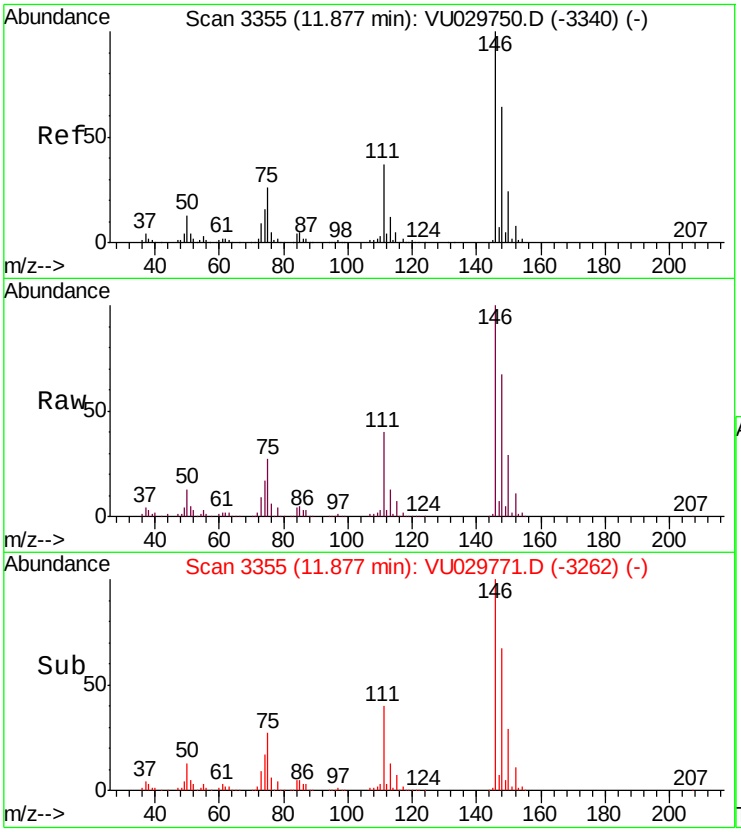


#63
1,4-Dichlorobenzene
Concen: 5.070 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:146 Resp: 200679

Ion	Ratio	Lower	Upper
146	100		
111	36.9	25.4	47.2
148	63.9	43.7	81.1



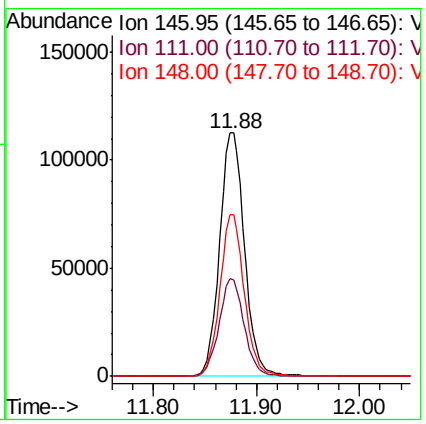


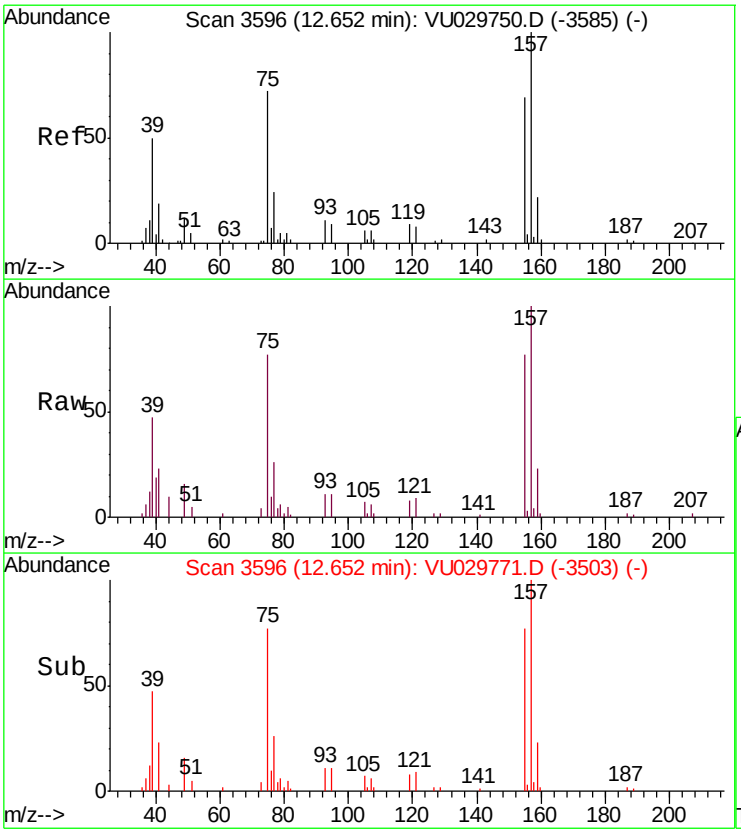
#65
1,2-Dichlorobenzene
Concen: 5.024 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion:146 Resp: 189299

Ion	Ratio	Lower	Upper
146	100		
111	39.6	32.2	48.2
148	66.6	52.2	78.4

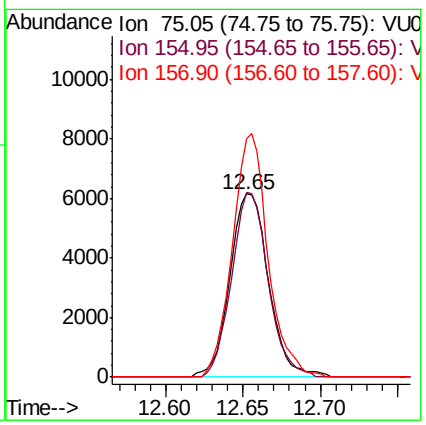


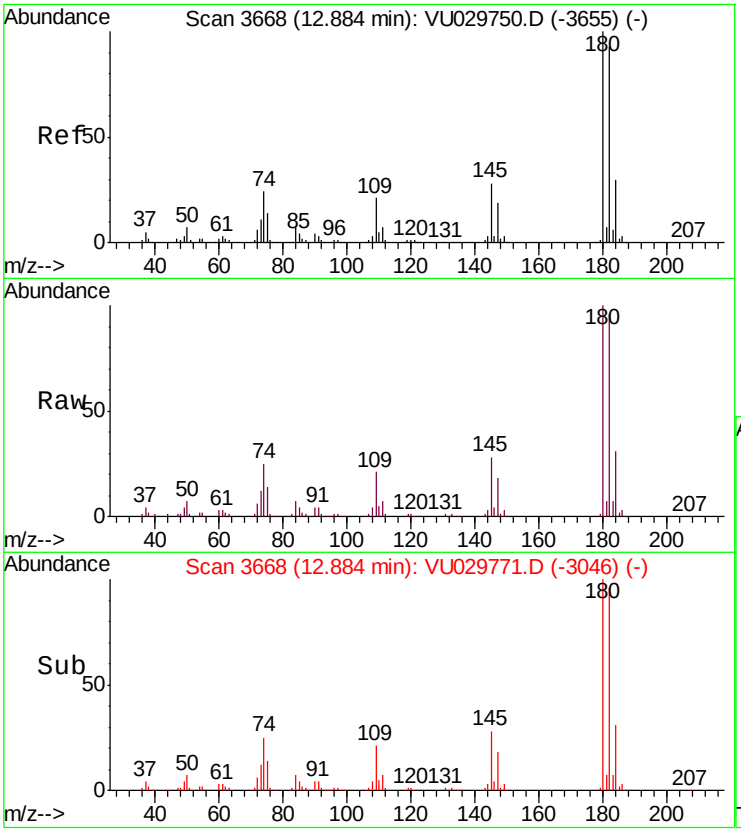


#66
1,2-Dibromo-3-chloropropane
Concen: 4.825 ug/L
RT: 12.65 min Scan# 3596
Delta R.T. -0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion: 75 Resp: 10687

Ion	Ratio	Lower	Upper
75	100		
155	100.9	75.5	113.3
157	130.4	93.8	140.6



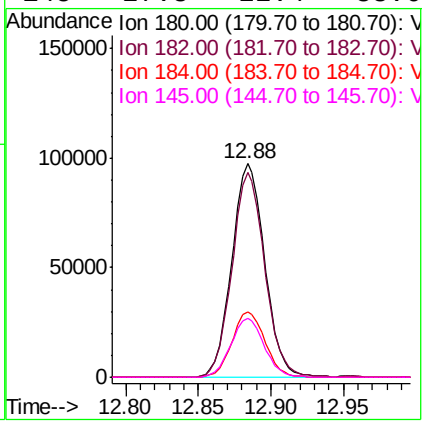


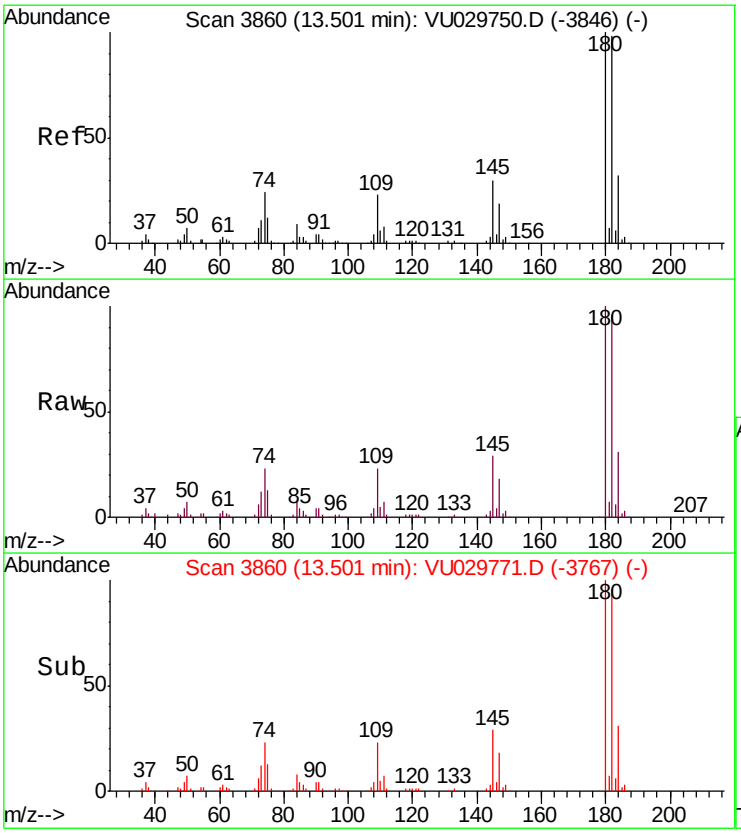
#67
1,3,5-Trichlorobenzene
Concen: 4.884 ug/L
RT: 12.88 min Scan# 3668
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion:180 Resp: 153515

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.0	115.6
184	30.7	25.0	37.4
145	27.8	22.4	33.6

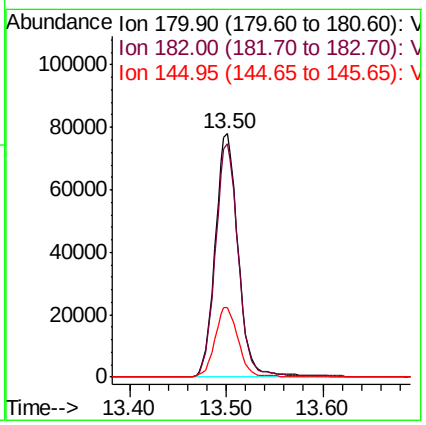


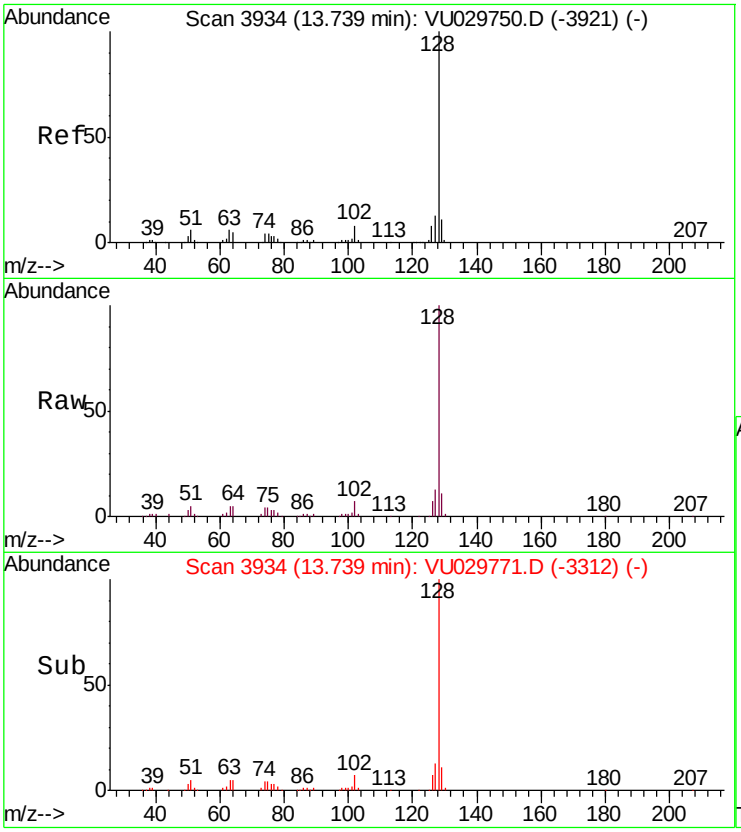


#68
1,2,4-trichlorobenzene
Concen: 4.865 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:180 Resp: 129209

Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.7	113.5
145	28.7	22.4	33.6



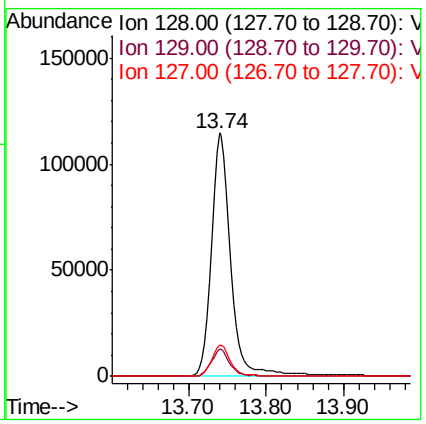


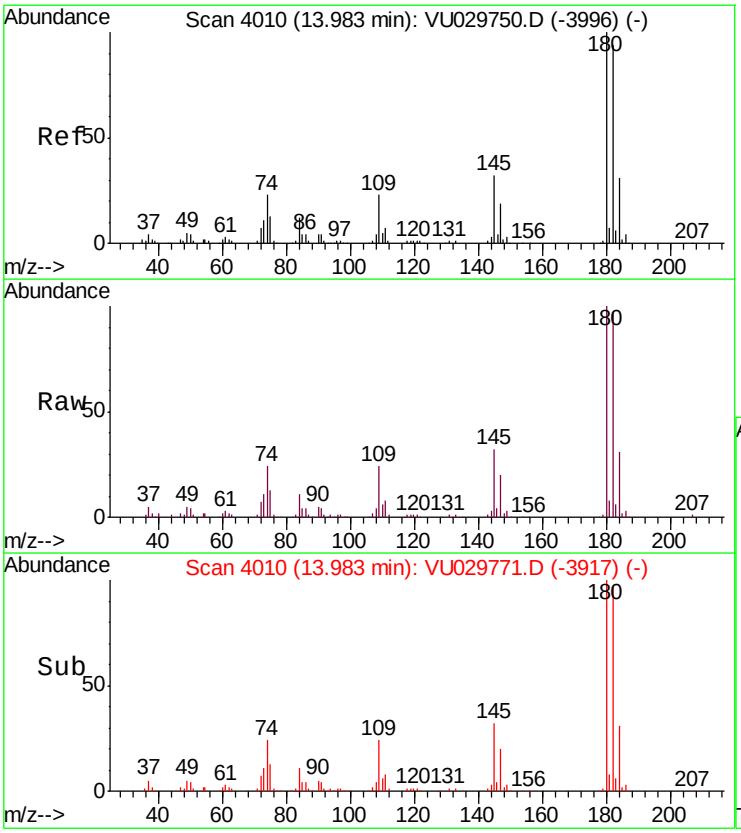
#69
Naphthalene
Concen: 4.972 ug/L
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
VSTD00545

Tgt Ion:128 Resp: 204118

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.6	10.0	15.0





#70
1,2,3-Trichlorobenzene
Concen: 4.893 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU029771.D
Acq: 01 Mar 2019 18:53

Tgt Ion:180 Resp: 121701

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.0	115.4
145	30.8	24.2	36.2