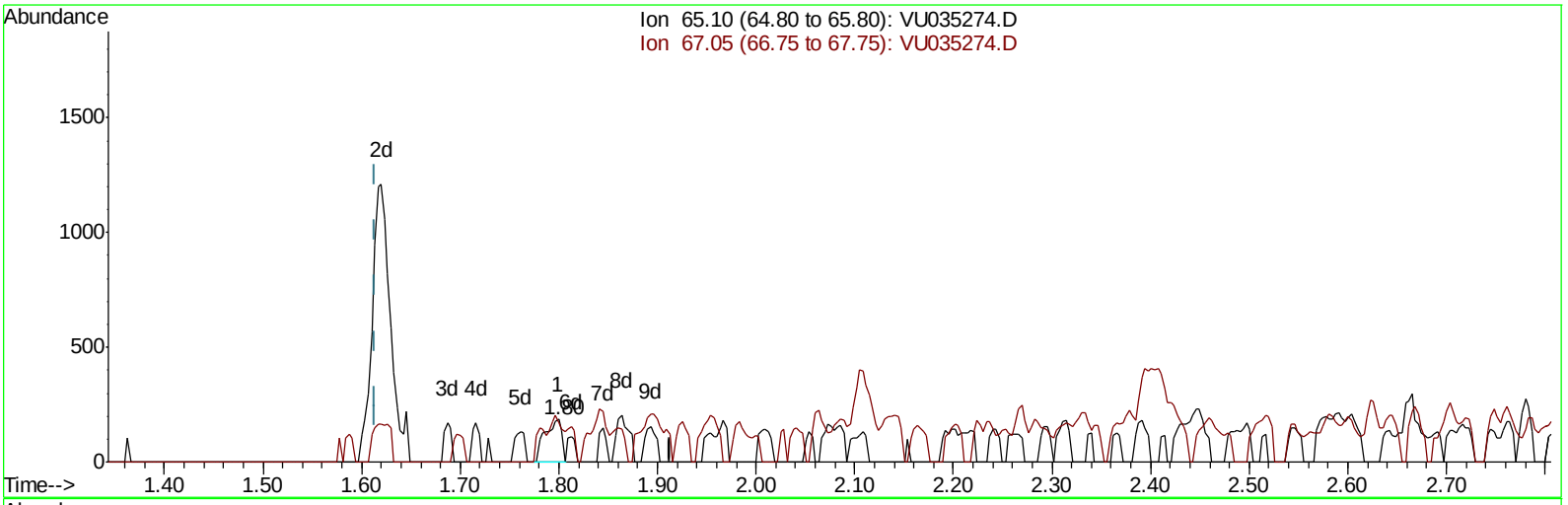
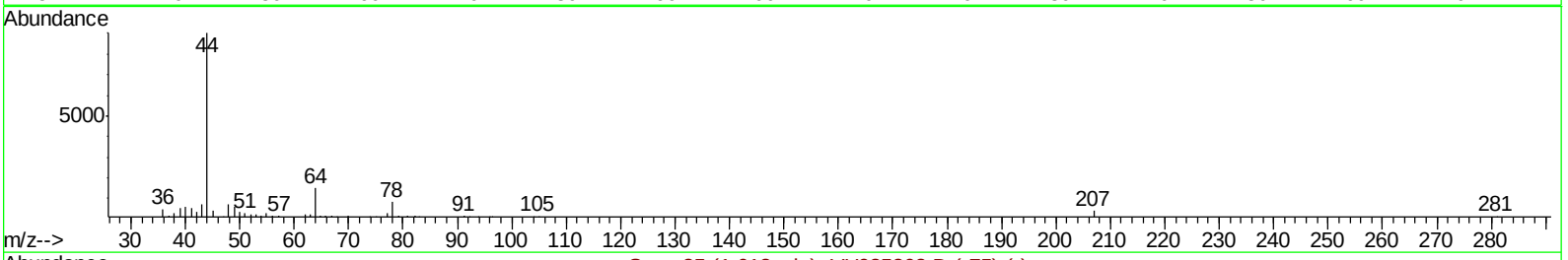
Quantitation Report (Qedit)

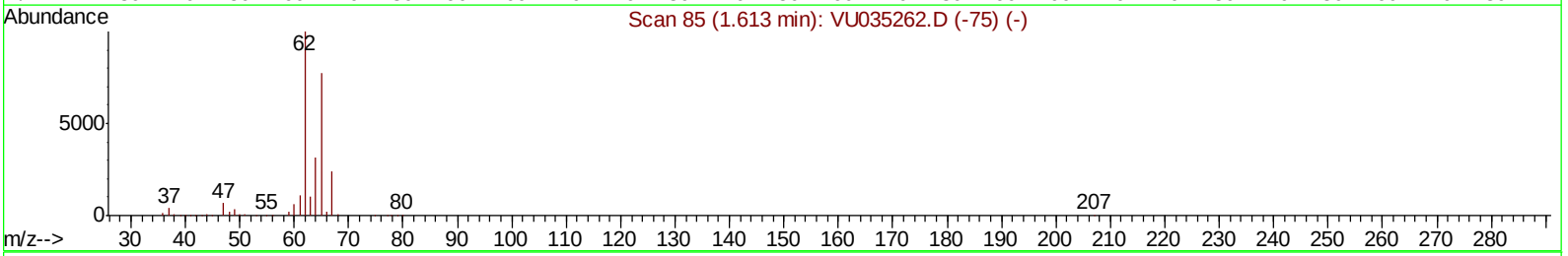
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
Data File : VU035274.D
Acq On : 18 Oct 2019 18:24
Operator : JC/SP
Sample : K5419-08DL 5X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:42:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration







TIC: VU035274.D

(4) Vinyl Chloride-d3 (S)

1.800min (+0.186) 0.01ug/L

response 220

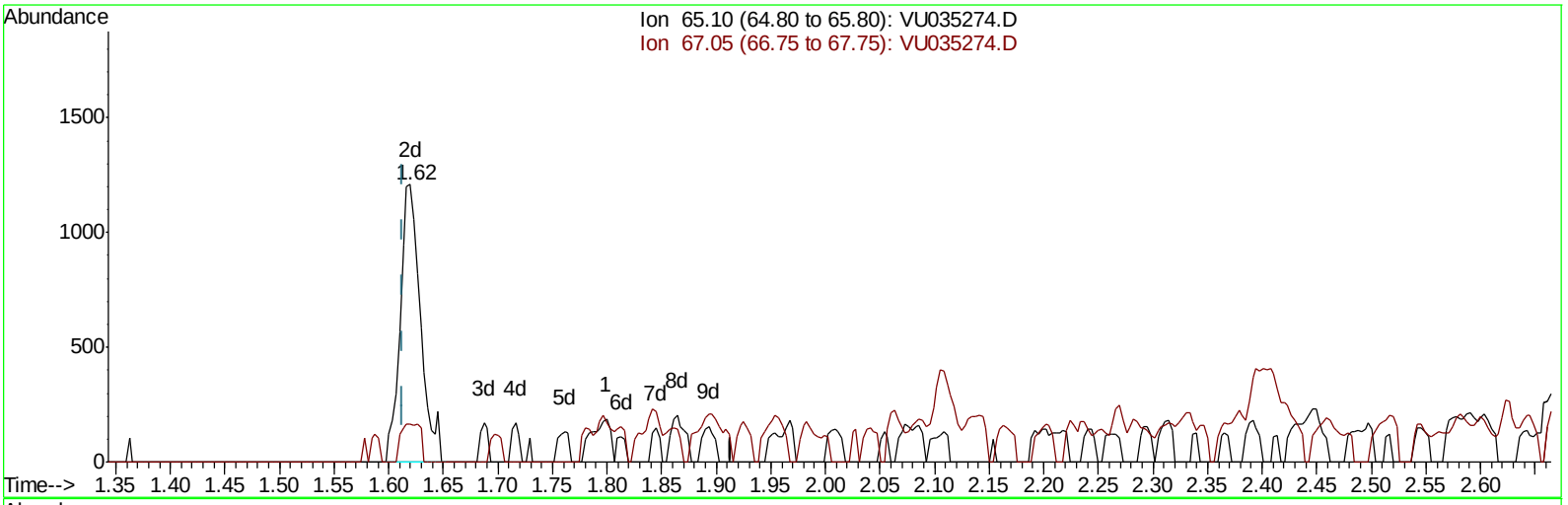
Ion	Exp%	Act%
65.10	100	100
67.05	31.90	38.18
0.00	0.00	0.00
0.00	0.00	0.00

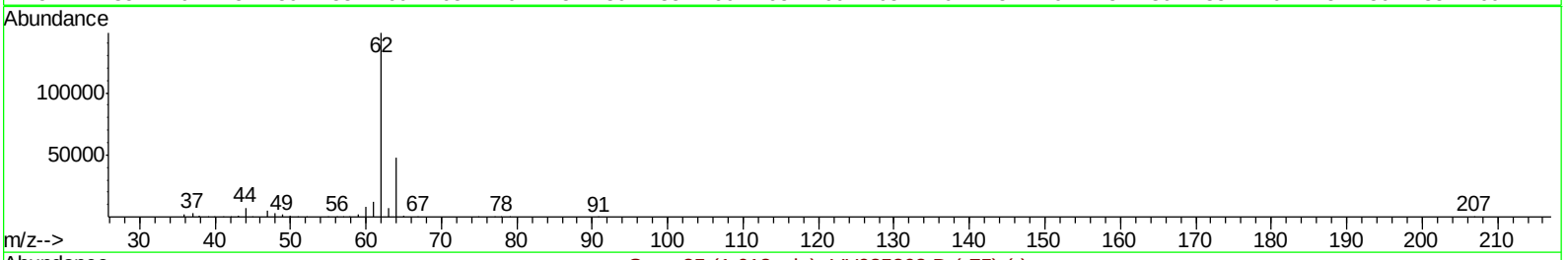
Quantitation Report (Qedit)

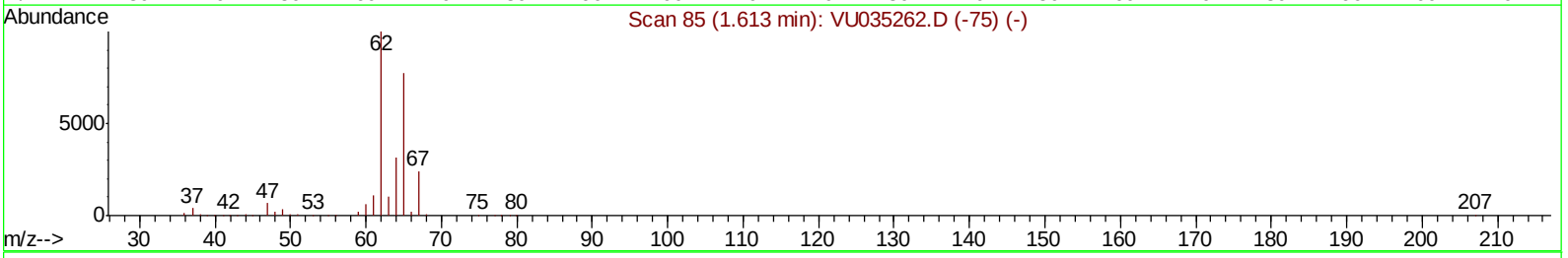
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035274.D
Acq On : 18 Oct 2019 18:24
Operator : JC/SP
Sample : K5419-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:42:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration







TIC: VU035274.D

(4) Vinyl Chloride-d3 (S)

1.620min (+0.006) 0.08ug/L m

response 1559

Ion	Exp%	Act%
65.10	100	100
67.05	31.90	5.39#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035286.D
Acq On : 18 Oct 2019 23:04
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 06:13:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	313252	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	306184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	140133	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	76367	4.00	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.00%			
7) Chloroethane-d5	1.93	69	74024	4.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.80%			
11) 1,1-Dichloroethene-d2	2.60	63	156803	4.44	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.80%			
20) 2-Butanone-d5	4.70	46	268015	48.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.66%			
24) Chloroform-d	5.11	84	169937	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
26) 1,2-Dichloroethane-d4	5.75	65	88925	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
32) Benzene-d6	5.77	84	300482	4.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.80%			
36) 1,2-Dichloropropane-d6	6.74	67	102292	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.00%			
41) Toluene-d8	7.93	98	281007	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
43) trans-1,3-Dichloropropene-	8.22	79	43216	4.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.20%			
46) 2-Hexanone-d5	8.68	63	218638	45.95	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.90%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	95658	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	109644	4.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	130127	4.881	ug/L	100
3) Chloromethane	1.54	50	133598	5.052	ug/L	99
5) Vinyl chloride	1.62	62	137498	5.062	ug/L	100
6) Bromomethane	1.87	94	76583	4.776	ug/L	99
8) Chloroethane	1.95	64	83749	4.782	ug/L	100
9) Trichlorofluoromethane	2.16	101	178600	4.925	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	102287	4.896	ug/L	96
12) 1,1-Dichloroethene	2.61	96	96976	4.819	ug/L	87
13) Acetone	2.67	43	176412	46.204	ug/L	97
14) Carbon disulfide	2.82	76	303039	4.762	ug/L	100
15) Methyl Acetate	3.00	43	40931	4.302	ug/L	99
16) Methylene chloride	3.08	84	111408	4.602	ug/L	100
17) Methyl tert-butyl Ether	3.43	73	254061	4.691	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	104418	4.808	ug/L	98
19) 1,1-Dichloroethane	3.92	63	200604	5.107	ug/L	99
21) 2-Butanone	4.78	43	273740	43.987	ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	120289	5.011	ug/L	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035286.D
Acq On : 18 Oct 2019 23:04
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 06:13:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.03	128	51472	4.981 ug/L	98
25) Chloroform	5.14	83	209607	4.864 ug/L	99
27) 1,2-Dichloroethane	5.84	62	126647	4.792 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	175270	4.887 ug/L	98
30) Cyclohexane	5.43	56	176989	4.608 ug/L	100
31) Carbon tetrachloride	5.57	117	153886	4.765 ug/L	99
33) Benzene	5.82	78	442615	4.913 ug/L	100
34) Trichloroethene	6.58	95	113243	4.676 ug/L	98
35) Methylcyclohexane	6.80	83	180658	4.463 ug/L	99
37) 1,2-Dichloropropane	6.84	63	112126	4.903 ug/L	100
38) Bromodichloromethane	7.15	83	145323	4.717 ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	173007	4.520 ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	685823	44.422 ug/L	99
42) Toluene	8.01	91	477509	4.802 ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	139569	4.461 ug/L	97
45) 1,1,2-Trichloroethane	8.44	97	82461	4.857 ug/L	99
47) Tetrachloroethene	8.58	164	91943	4.557 ug/L	98
48) 2-Hexanone	8.73	43	462079	42.677 ug/L	95
49) Dibromochloromethane	8.84	129	100501	4.669 ug/L	99
50) 1,2-Dibromoethane	8.96	107	81509	4.802 ug/L	99
51) Chlorobenzene	9.48	112	307889	4.795 ug/L	98
52) Ethylbenzene	9.60	91	530669	4.693 ug/L	100
53) m,p-Xylene	9.73	106	193556	4.533 ug/L	100
54) o-Xylene	10.13	106	191632	4.598 ug/L	100
55) Styrene	10.15	104	320596	4.725 ug/L	99
56) Isopropylbenzene	10.51	105	513638	4.582 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	103998	4.760 ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	75094	4.713 ug/L	98
61) Bromoform	10.32	173	58020	4.470 ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	222729	4.658 ug/L	99
63) 1,4-Dichlorobenzene	11.87	146	216599	4.607 ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	212472	4.730 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.03	75	13579	4.279 ug/L	92
67) 1,3,5-Trichlorobenzene	13.25	180	123134	4.155 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	78814	3.995 ug/L	99
69) Naphthalene	14.11	128	109168	4.032 ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	79282	4.298 ug/L	98

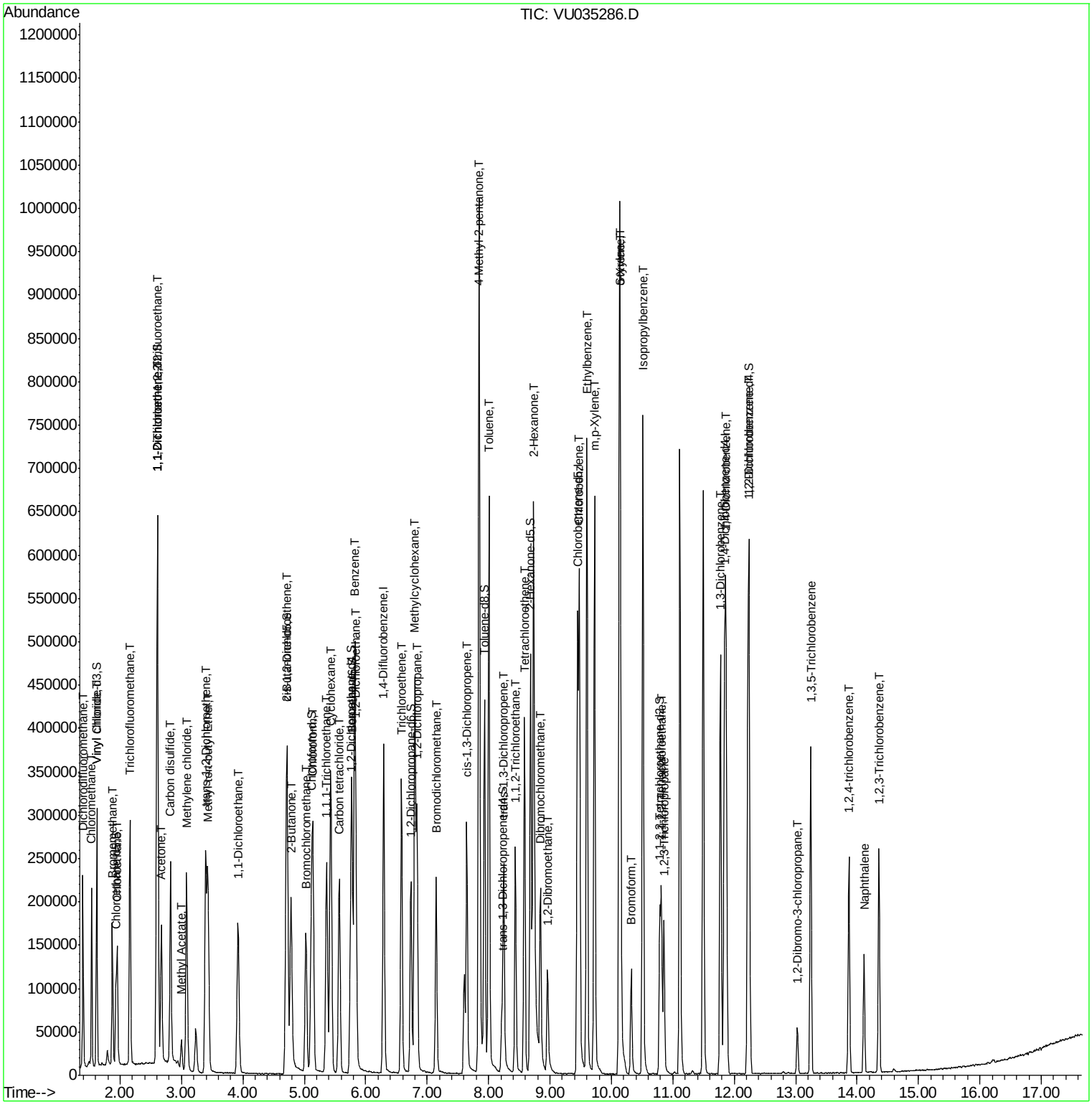
(#) = qualifier out of range (m) = manual integration (+) = signals summed

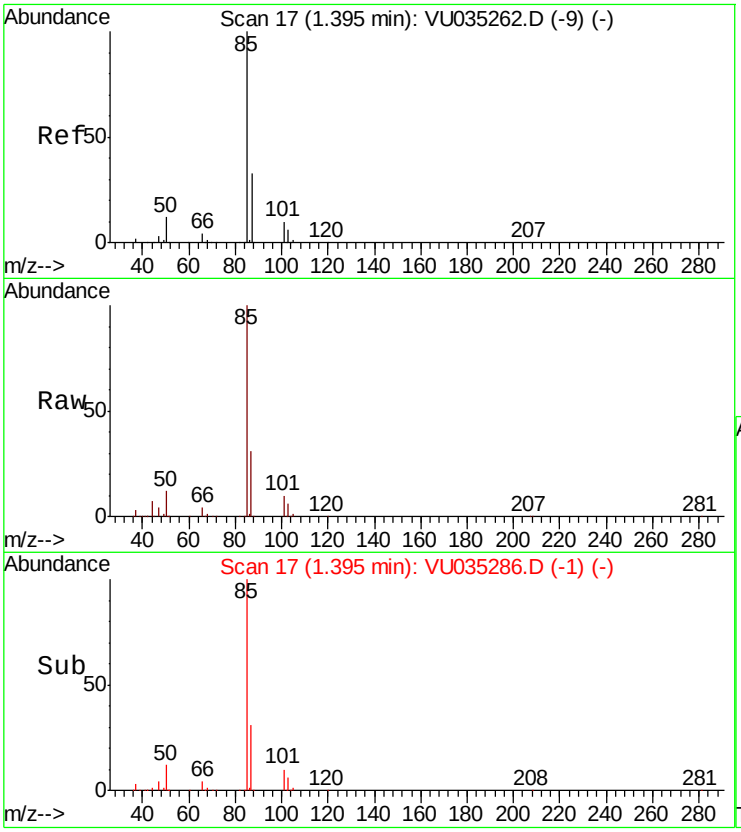
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101819\
Data File : VU035286.D
Acq On : 18 Oct 2019 23:04
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 19 06:13:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 03:38:09 2019
Response via : Initial Calibration



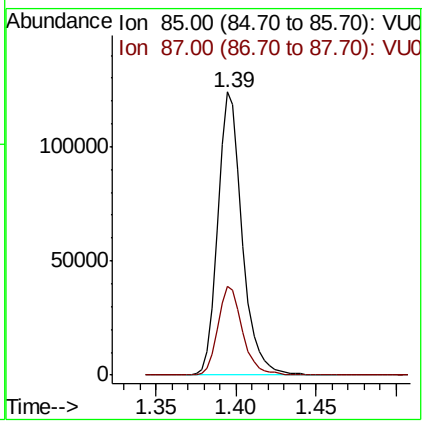


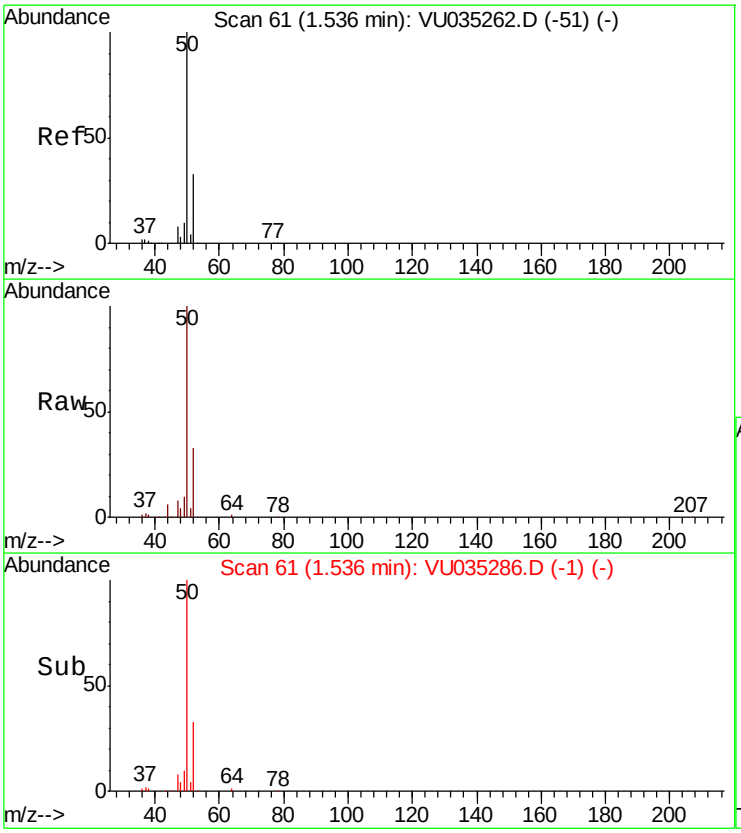
#2
Dichlorodifluoromethane
Concen: 4.881 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 130127

Ion	Ratio	Lower	Upper
85	100		
87	31.9	25.5	38.3

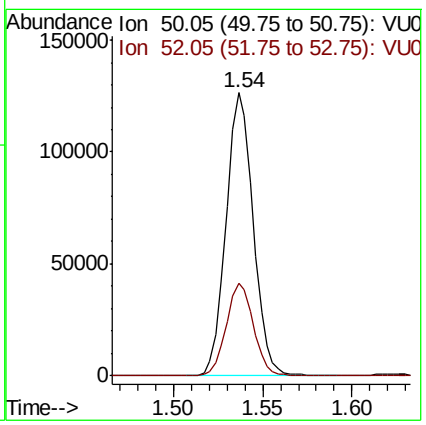


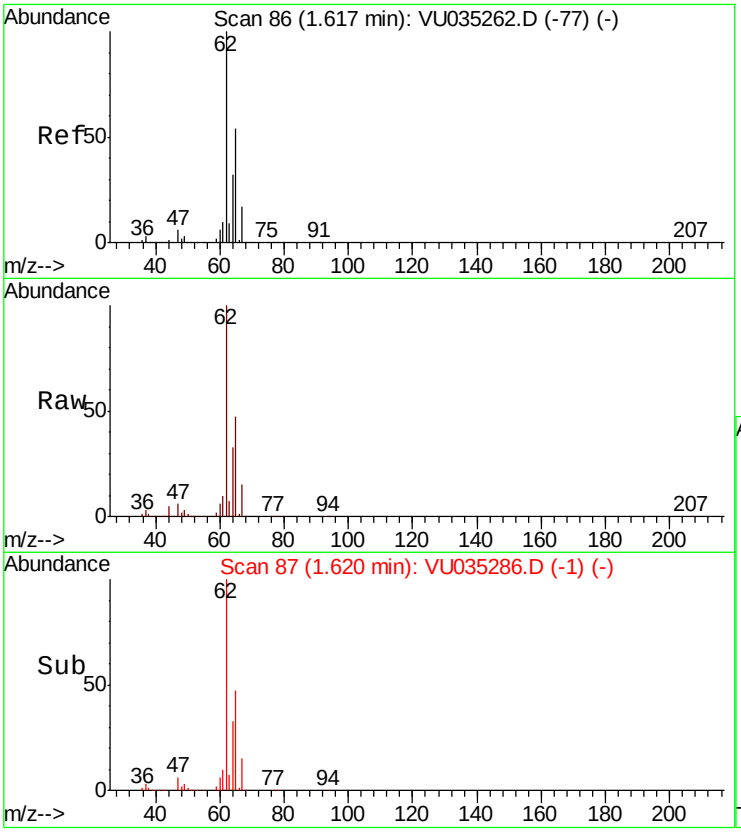


#3
Chloromethane
Concen: 5.052 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 50 Resp: 133598

Ion	Ratio	Lower	Upper
50	100		
52	32.9	23.5	43.7



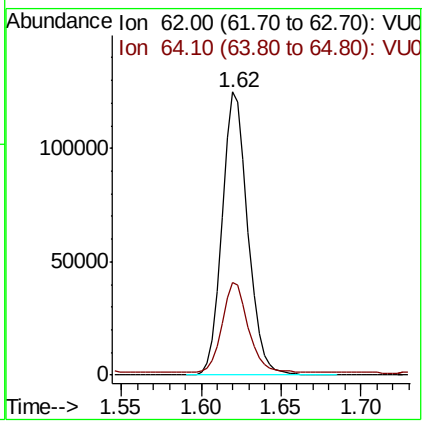


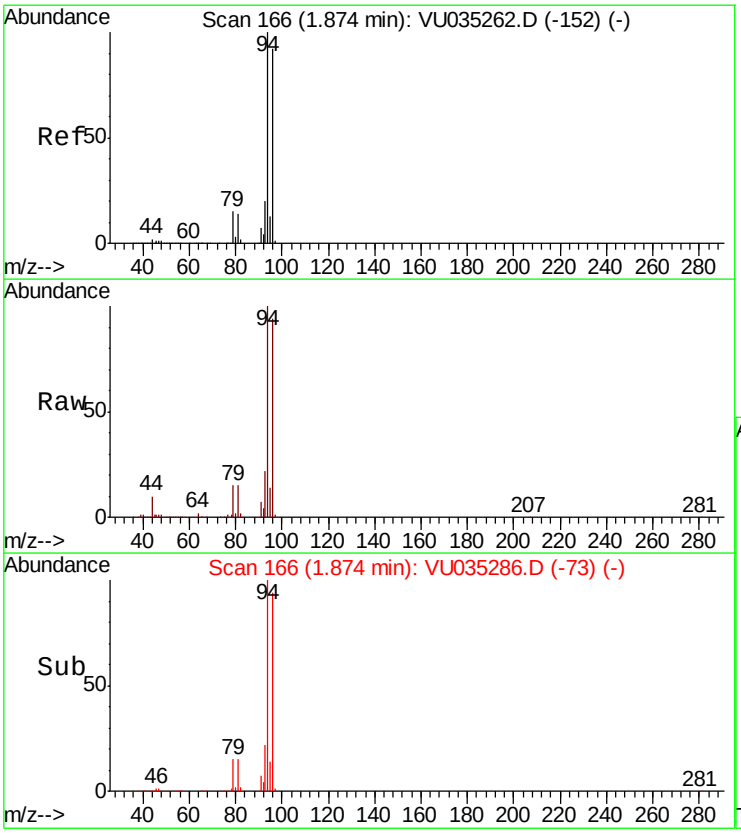
#5
Vinyl chloride
Concen: 5.062 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 137498

Ion	Ratio	Lower	Upper
62	100		
64	32.6	22.9	42.5

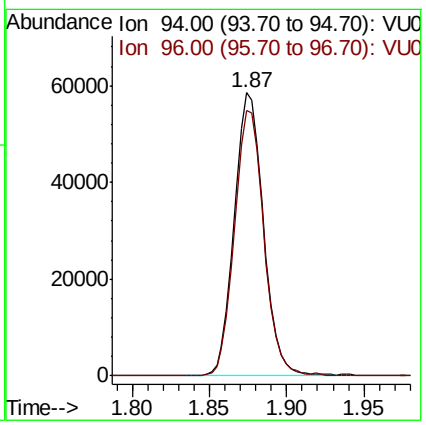


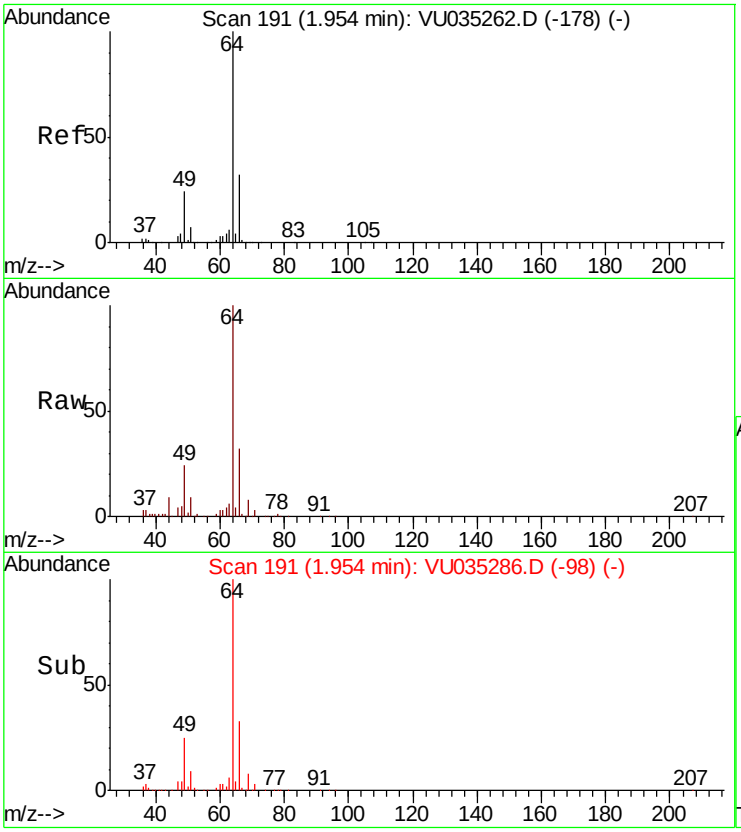


#6
Bromomethane
Concen: 4.776 ug/L
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 94 Resp: 76583

Ion	Ratio	Lower	Upper
94	100		
96	93.6	64.6	120.0



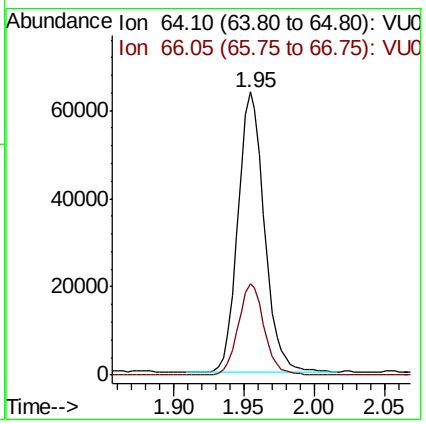


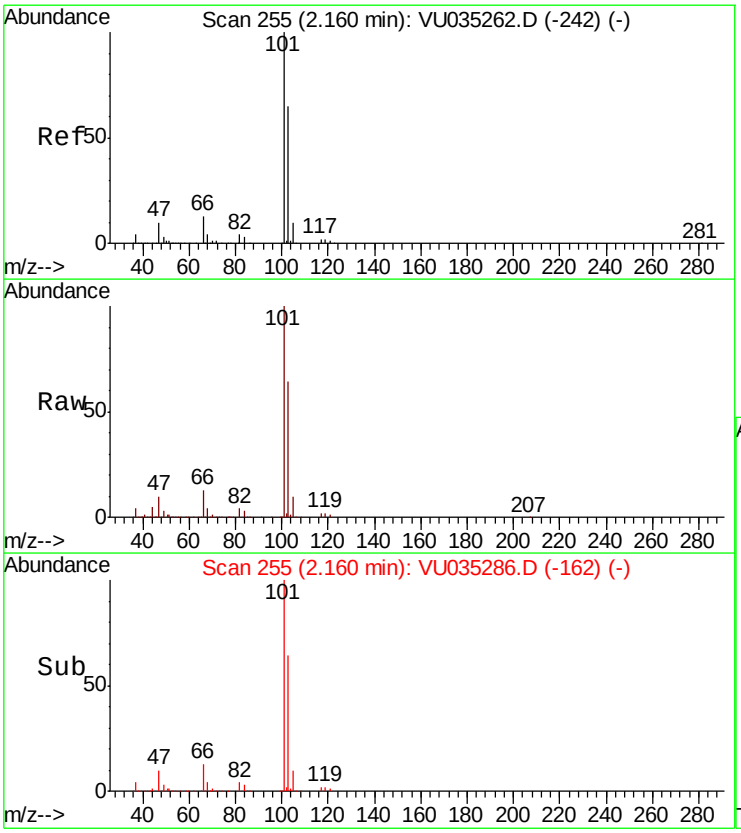
#8
Chloroethane
Concen: 4.782 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 83749

Ion	Ratio	Lower	Upper
64	100		
66	32.3	22.7	42.1

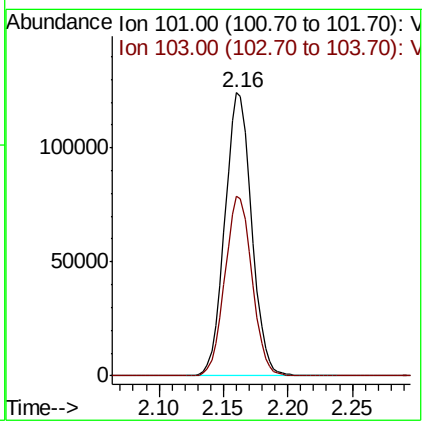


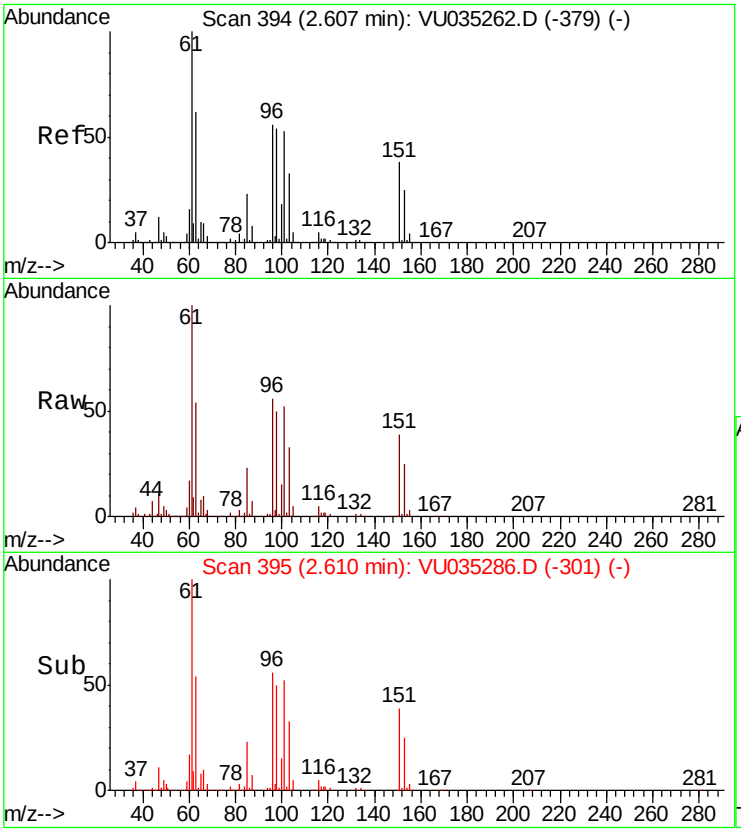


#9
Trichlorofluoromethane
Concen: 4.925 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:101 Resp: 178600

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.9	77.9



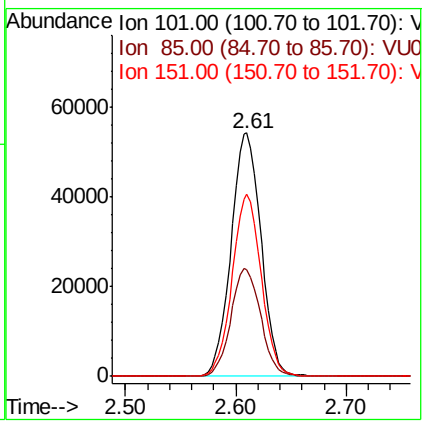


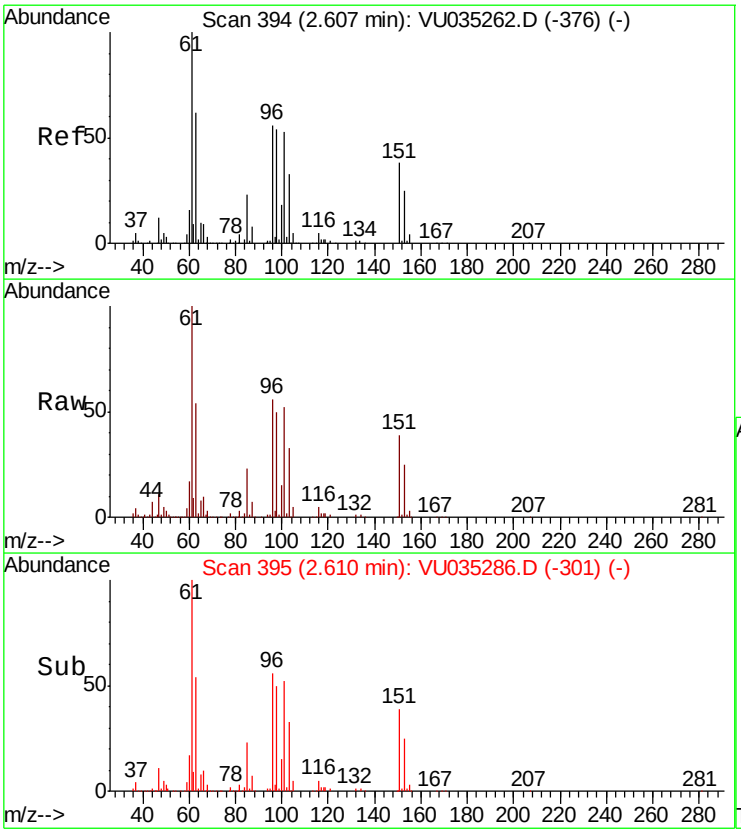
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.896 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 102287

Ion	Ratio	Lower	Upper
101	100		
85	43.9	33.9	50.9
151	72.4	61.0	91.4

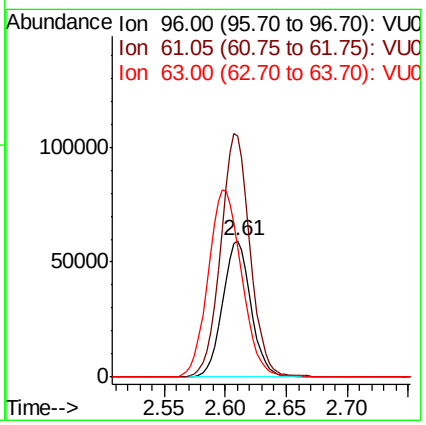


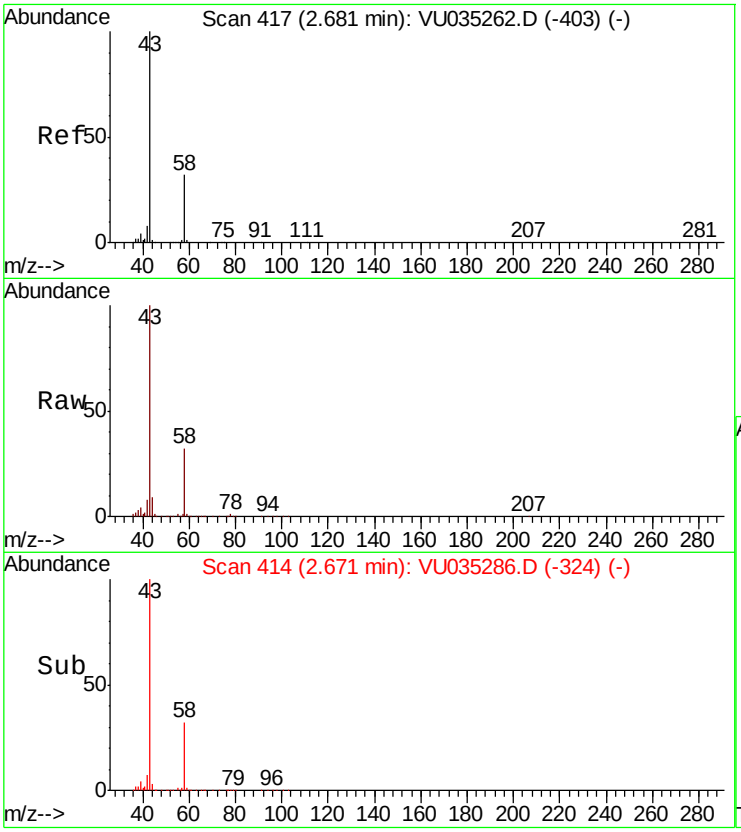


#12
1,1-Dichloroethene
Concen: 4.819 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 96 Resp: 96976

Ion	Ratio	Lower	Upper
96	100		
61	177.4	120.6	224.0
63	95.5	86.8	161.2



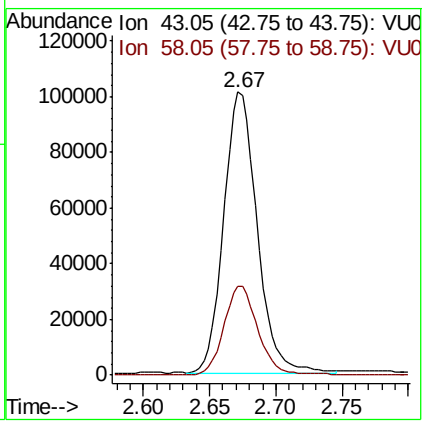


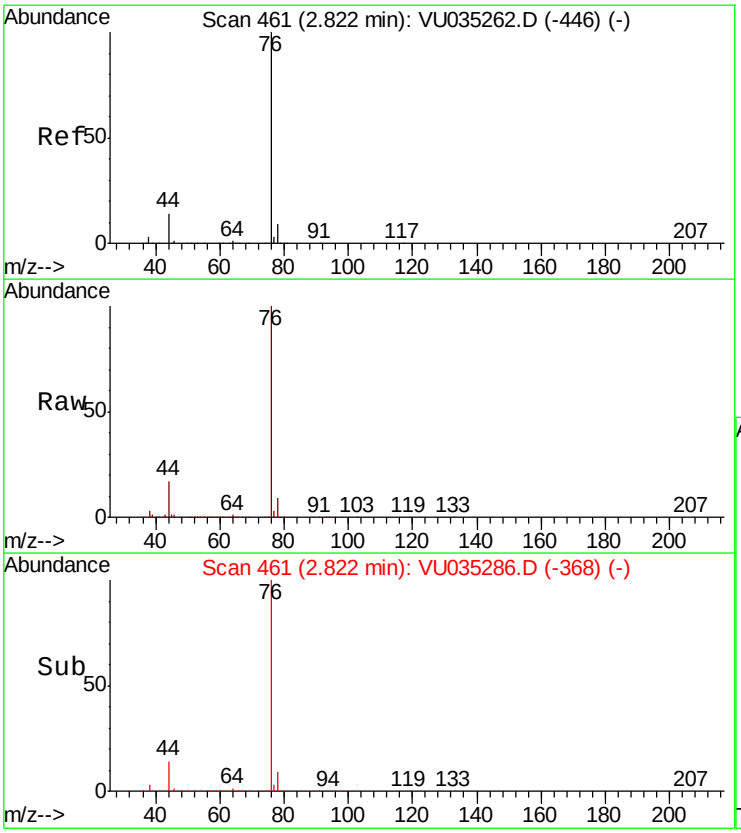
#13
Acetone
Concen: 46.204 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 176412

Ion	Ratio	Lower	Upper
43	100		
58	32.6	0.0	61.8

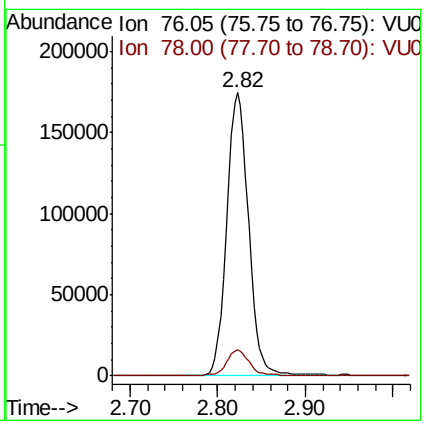


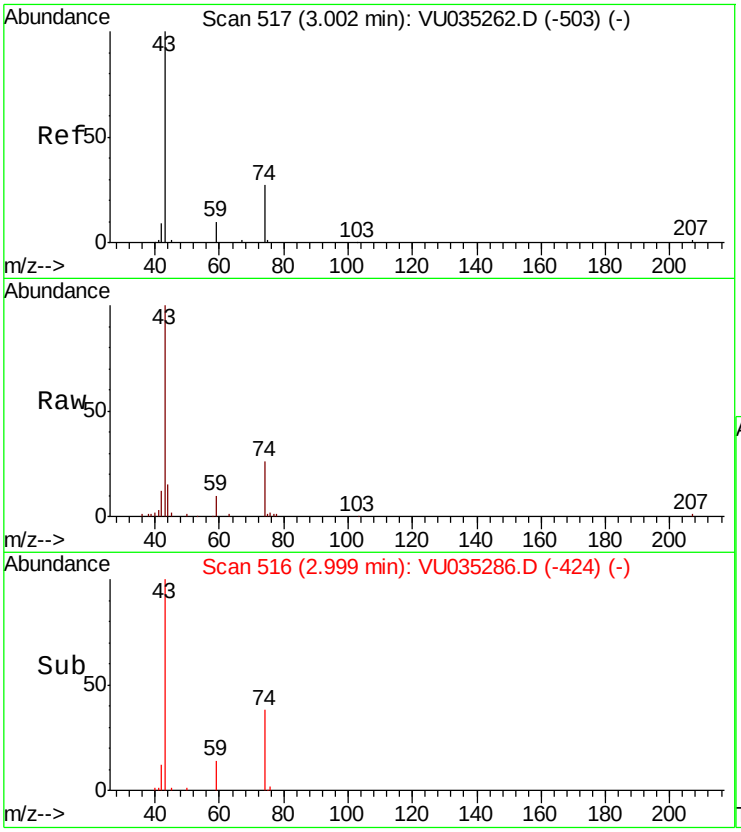


#14
Carbon disulfide
Concen: 4.762 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 76 Resp: 303039

Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.6	11.4



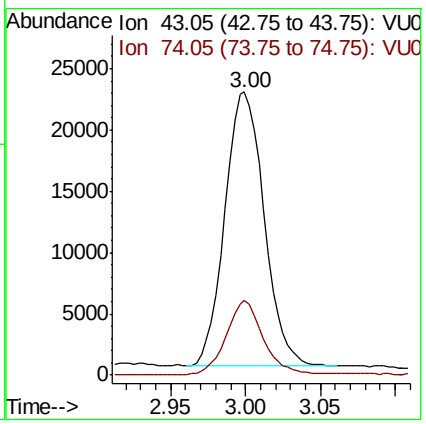


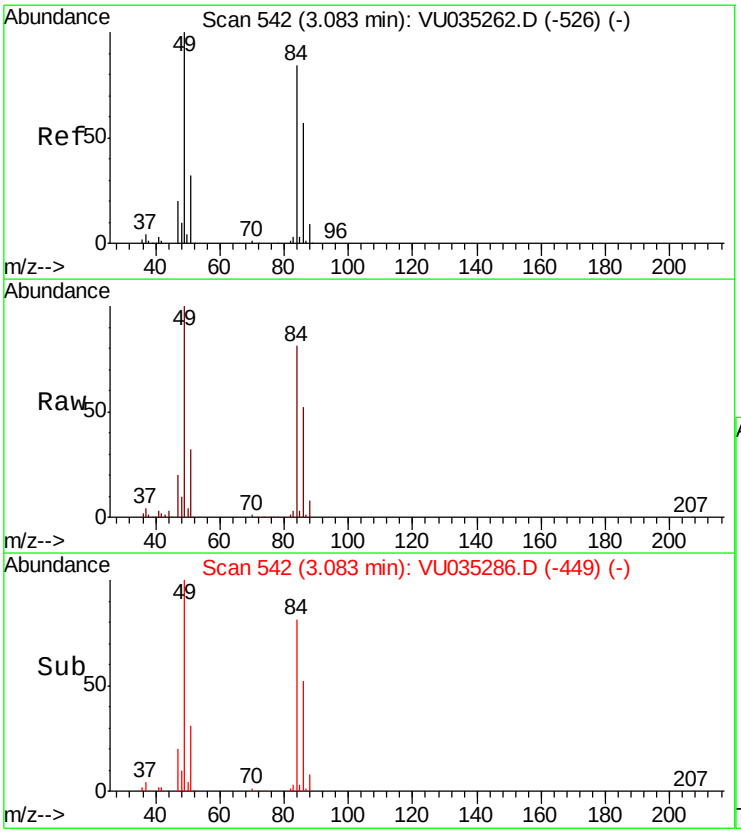
#15
Methyl Acetate
Concen: 4.302 ug/L
RT: 3.00 min Scan# 516
Delta R.T. -0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 40931

Ion	Ratio	Lower	Upper
43	100		
74	26.0	20.3	30.5

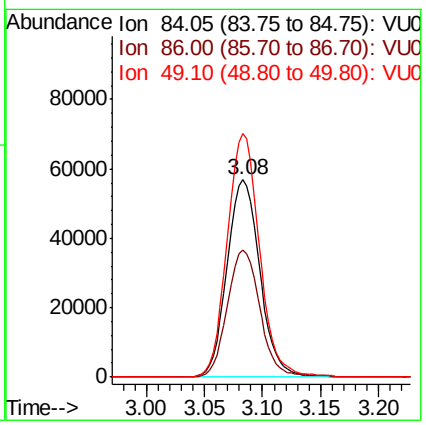


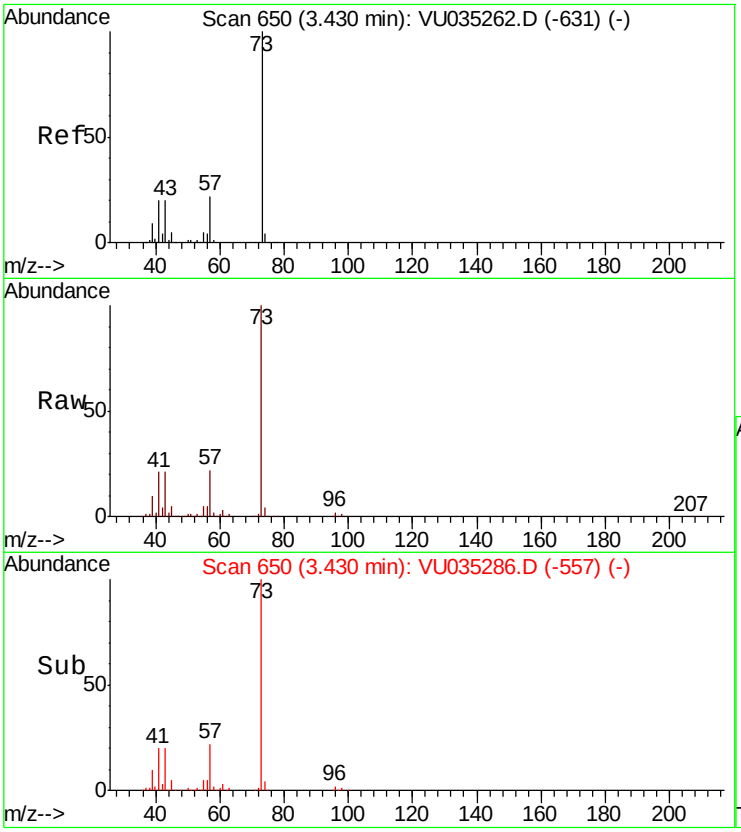


#16
Methylene chloride
Concen: 4.602 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 84 Resp: 111408

Ion	Ratio	Lower	Upper
84	100		
86	64.3	45.4	84.2
49	123.6	86.8	161.2



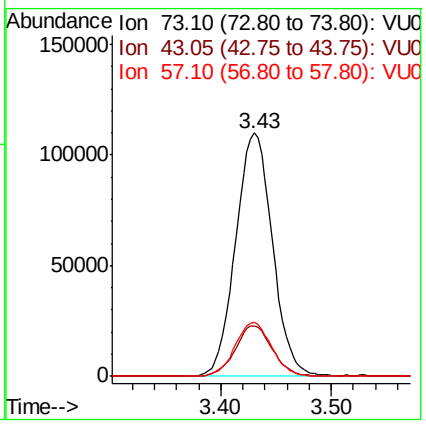


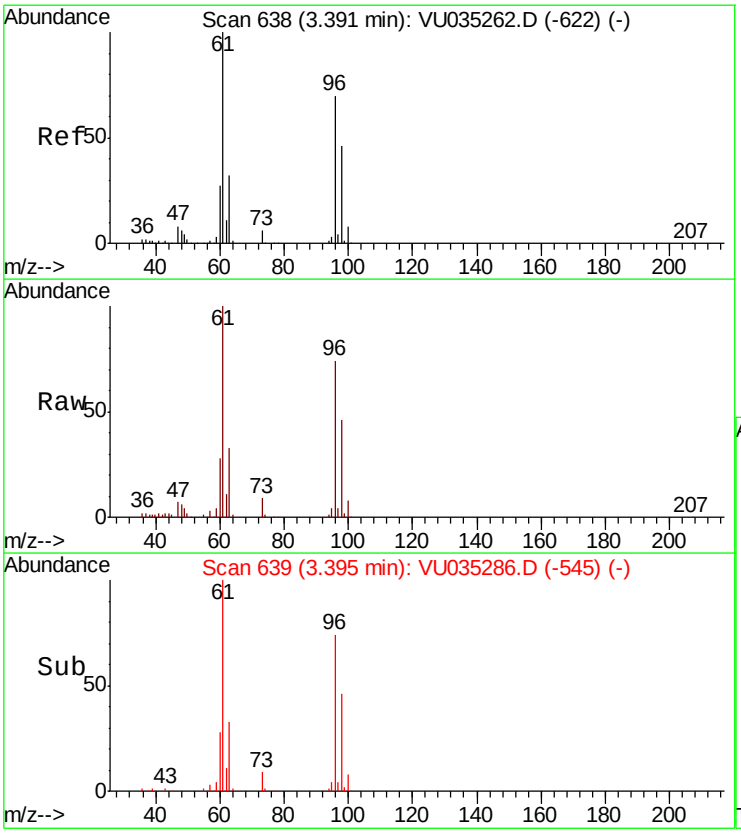
#17
Methyl tert-butyl Ether
Concen: 4.691 ug/L
RT: 3.43 min Scan# 650
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 254061

Ion	Ratio	Lower	Upper
73	100		
43	20.5	16.0	24.0
57	22.2	17.4	26.2

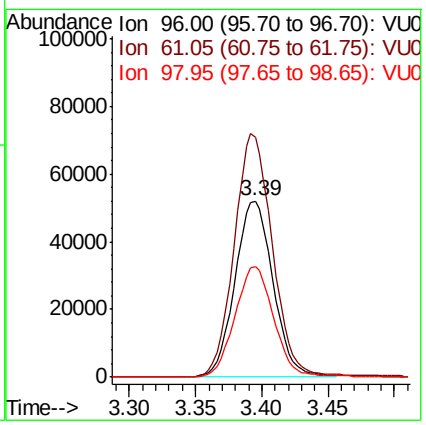


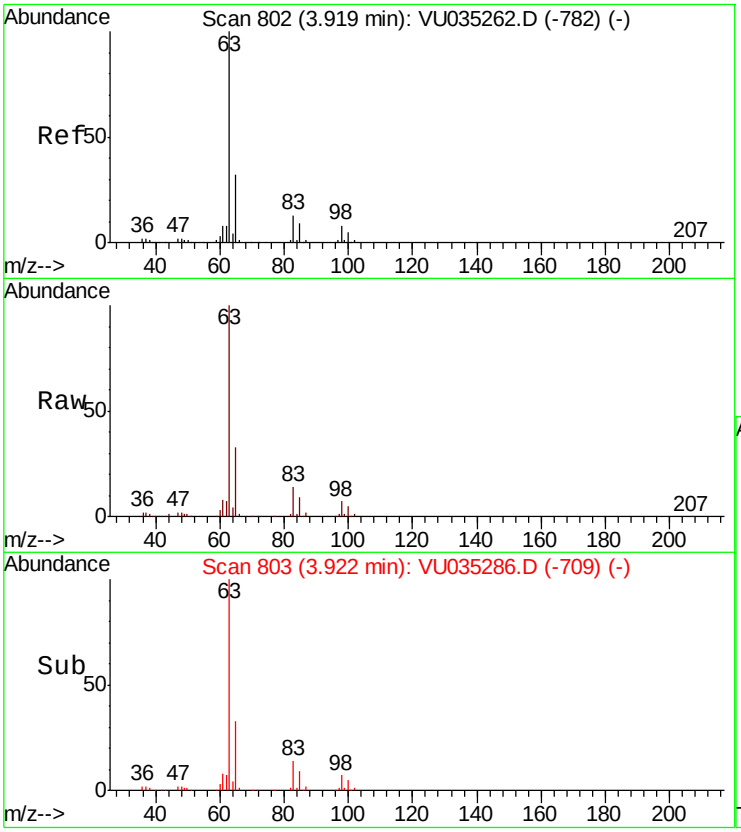


#18
trans-1,2-Dichloroethene
Concen: 4.808 ug/L
RT: 3.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 96 Resp: 104418

Ion	Ratio	Lower	Upper
96	100		
61	135.9	93.0	172.6
98	63.0	43.7	81.1



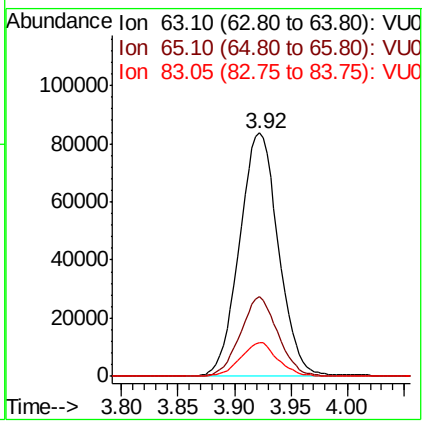


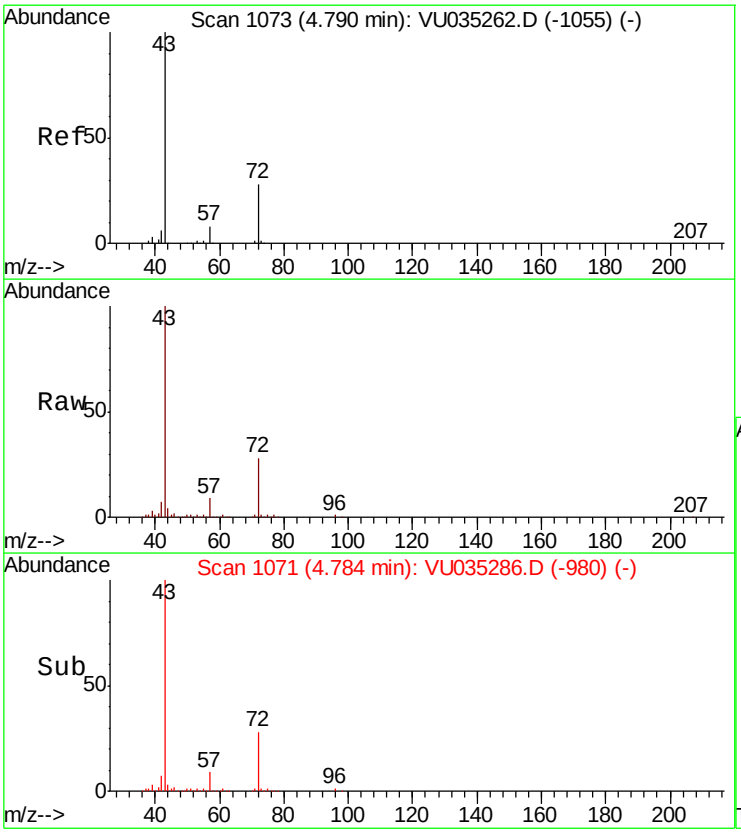
#19
1,1-Dichloroethane
Concen: 5.107 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 200604

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.4	41.6
83	14.1	9.3	17.3

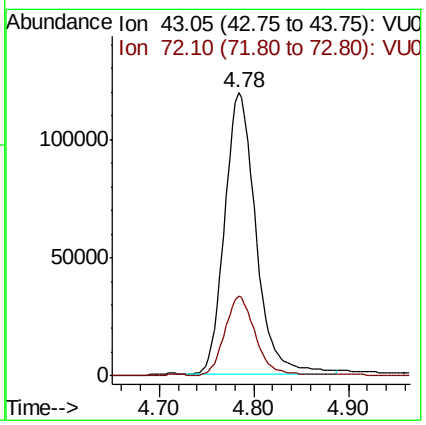


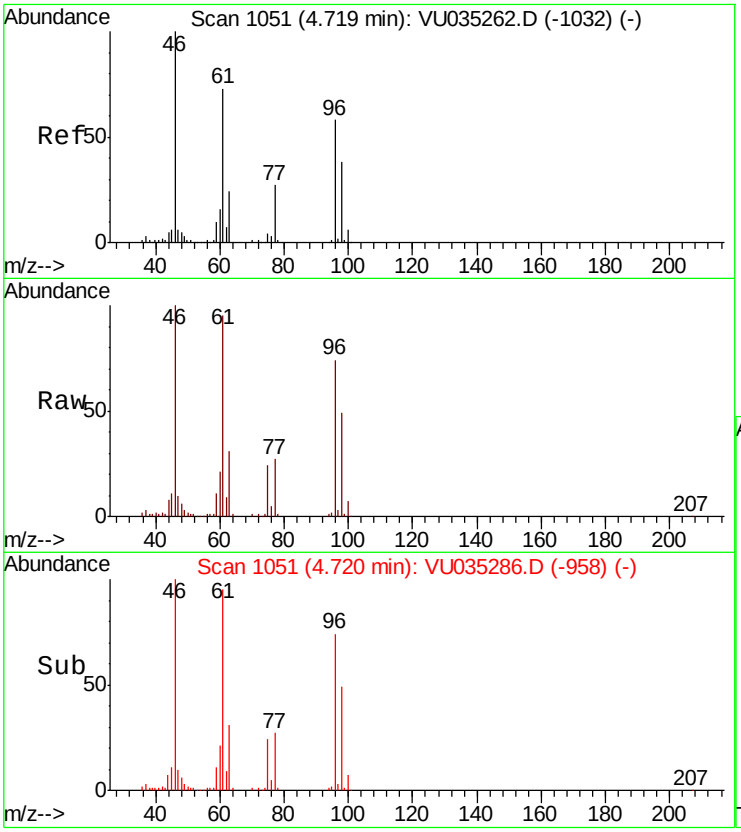


#21
2-Butanone
Concen: 43.987 ug/L
RT: 4.78 min Scan# 1071
Delta R.T. -0.01 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 43 Resp: 273740

Ion	Ratio	Lower	Upper
43	100		
72	27.3	13.6	40.8



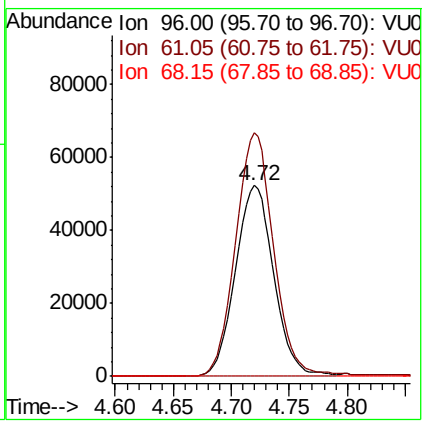


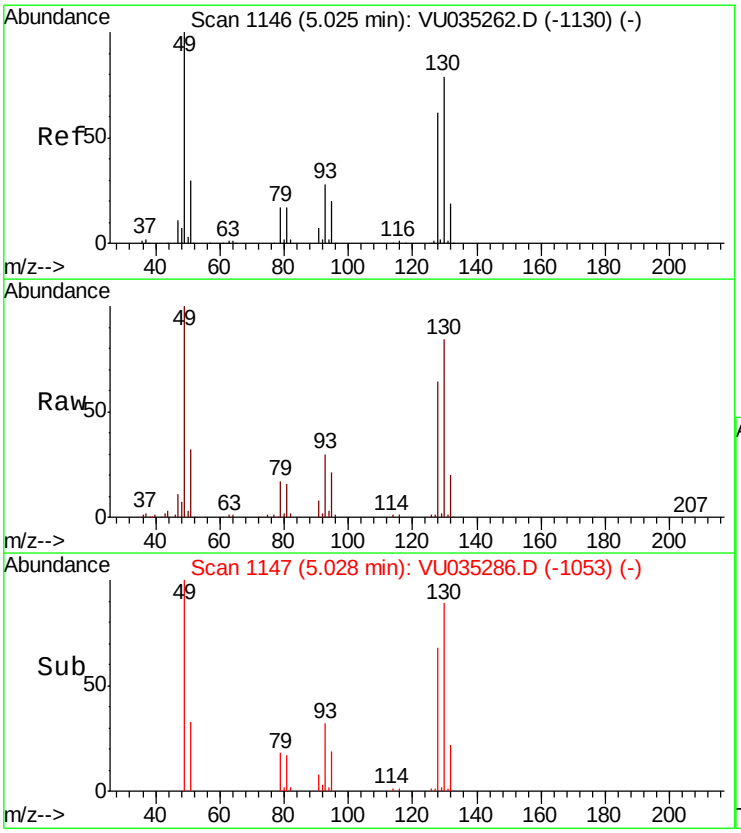
#22
cis-1,2-Dichloroethene
Concen: 5.011 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 120289

Ion	Ratio	Lower	Upper
96	100		
61	127.8	89.7	166.5
68	0.0	0.0	0.0

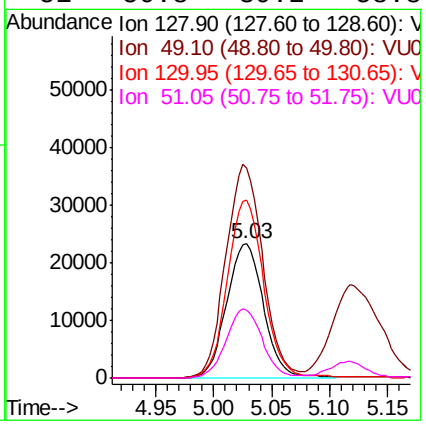


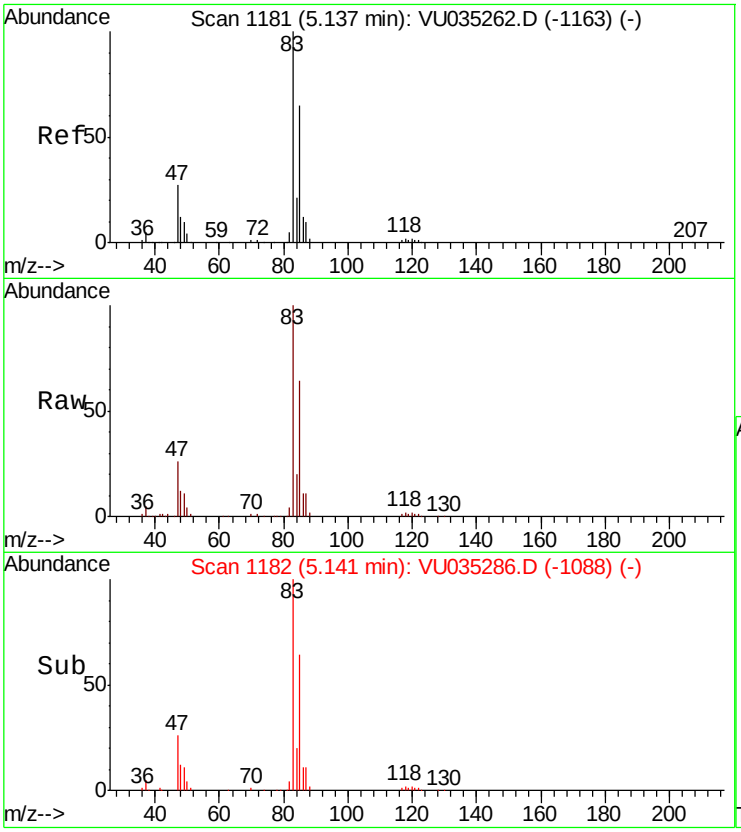


#23
Bromochloromethane
Concen: 4.981 ug/L
RT: 5.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:128 Resp: 51472

Ion	Ratio	Lower	Upper
128	100		
49	156.7	109.3	203.1
130	132.2	88.7	164.7
51	50.8	39.2	58.8



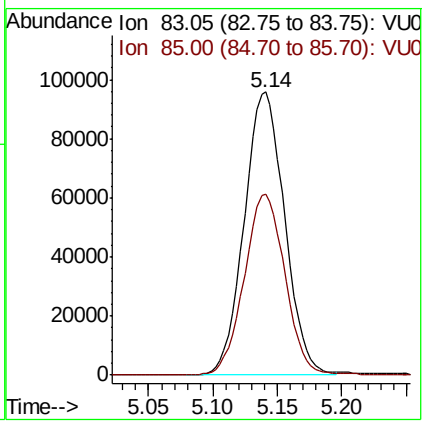


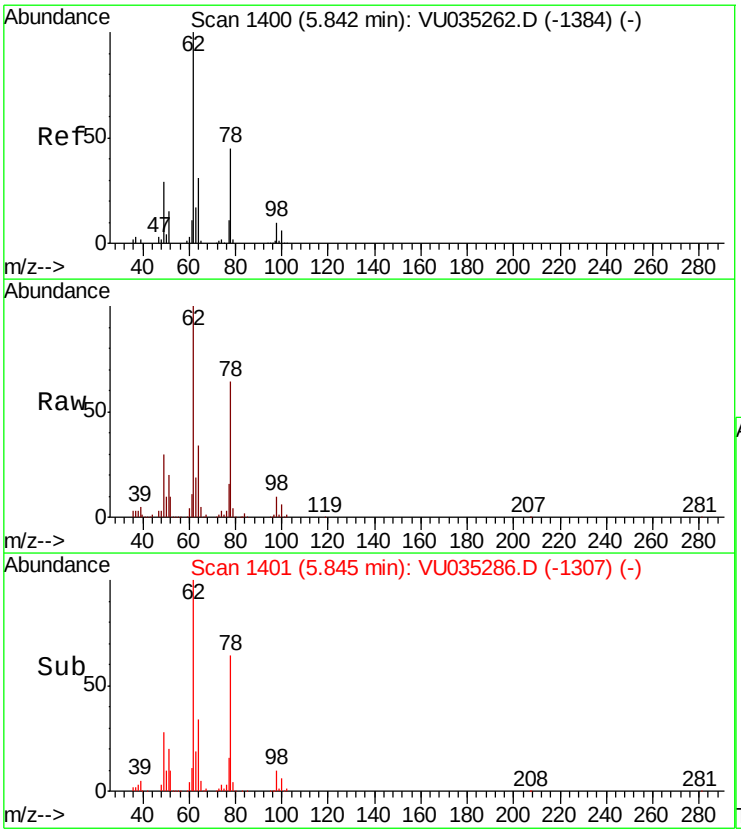
#25
Chloroform
Concen: 4.864 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 209607

Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.1	83.9

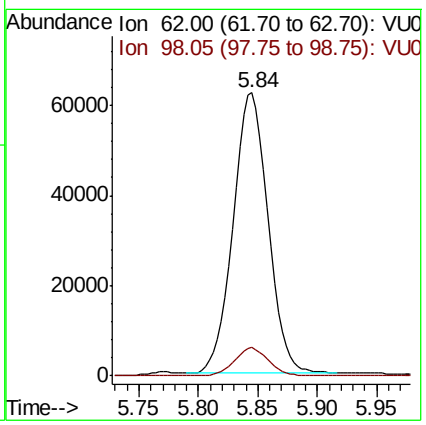


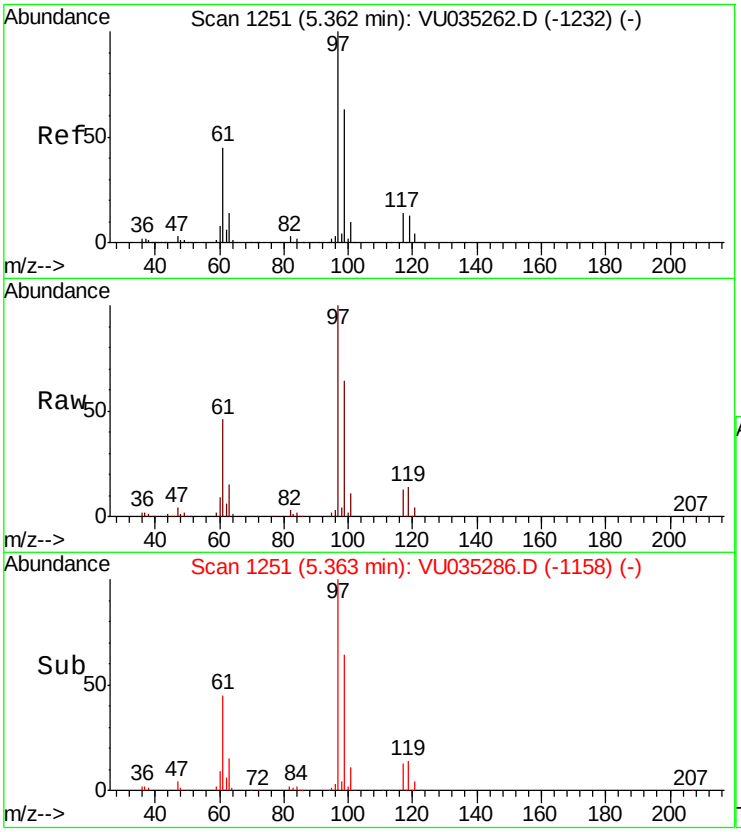


#27
1,2-Dichloroethane
Concen: 4.792 ug/L
RT: 5.84 min Scan# 1401
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 62 Resp: 126647

Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.8	11.6



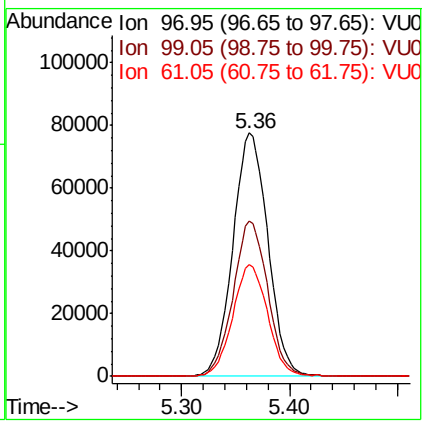


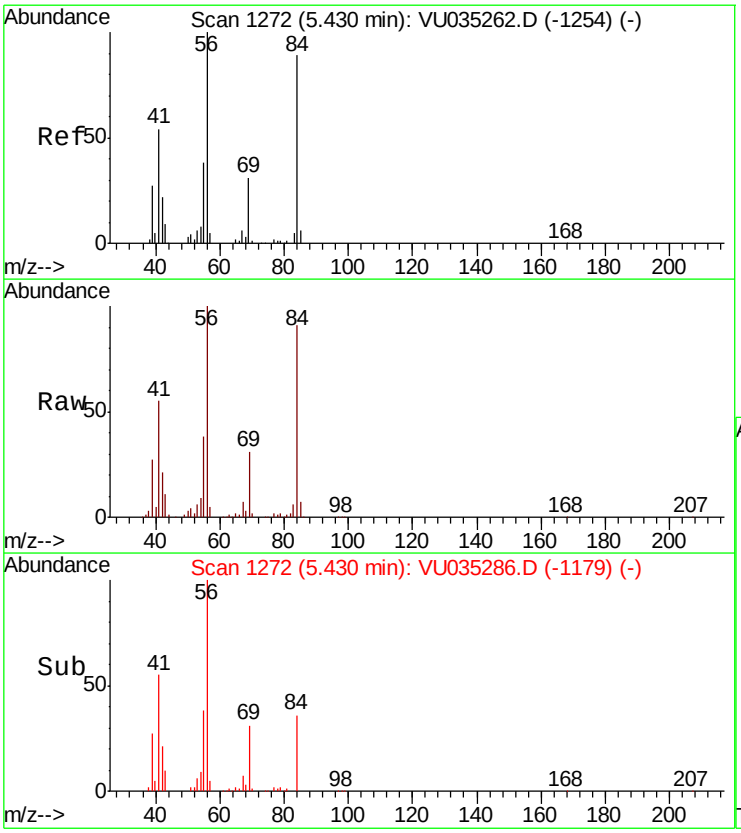
#29
1,1,1-Trichloroethane
Concen: 4.887 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 175270

Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.6	79.0
61	45.7	37.0	55.4

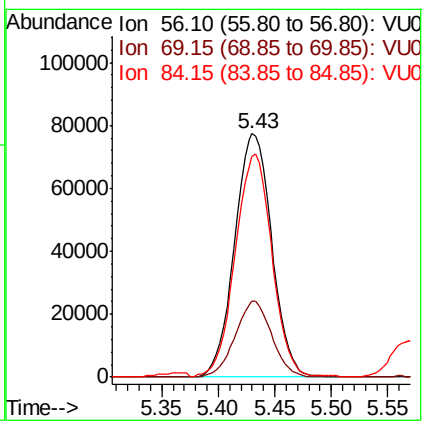


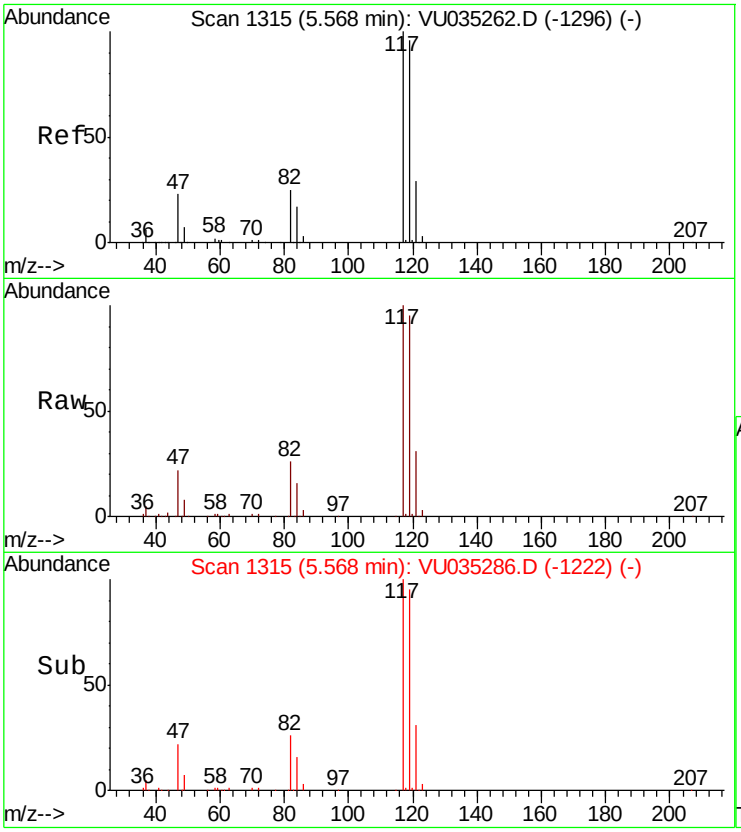


#30
Cyclohexane
Concen: 4.608 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 56 Resp: 176989

Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	36.8
84	89.9	71.5	107.3



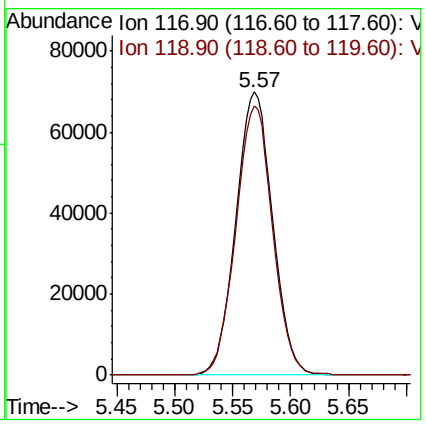


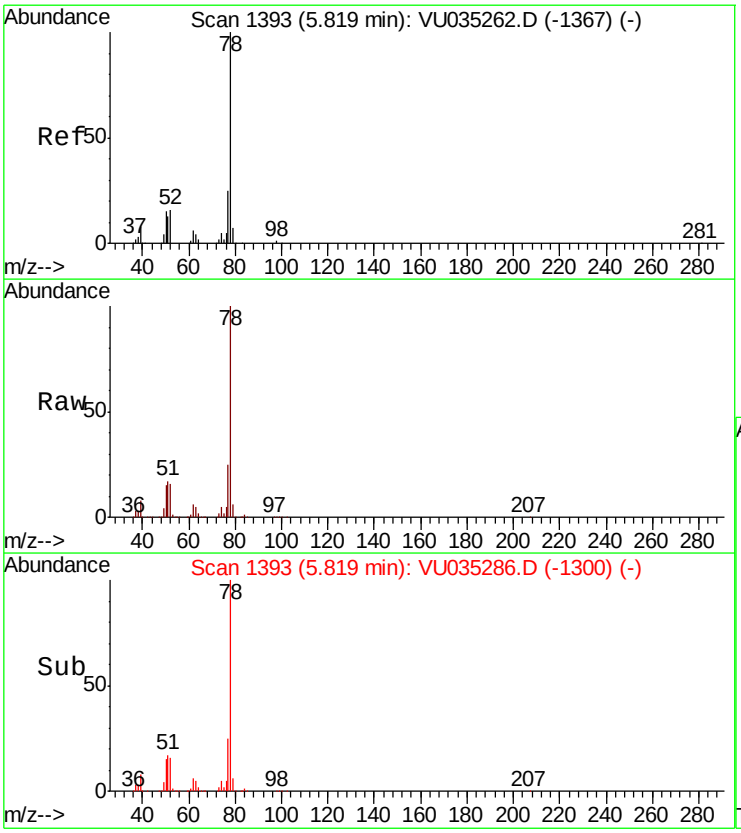
#31
Carbon tetrachloride
Concen: 4.765 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:117 Resp: 153886

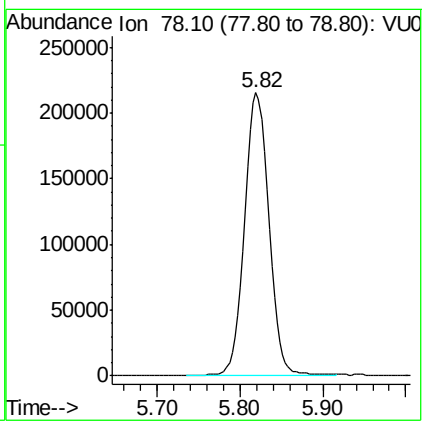
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.0

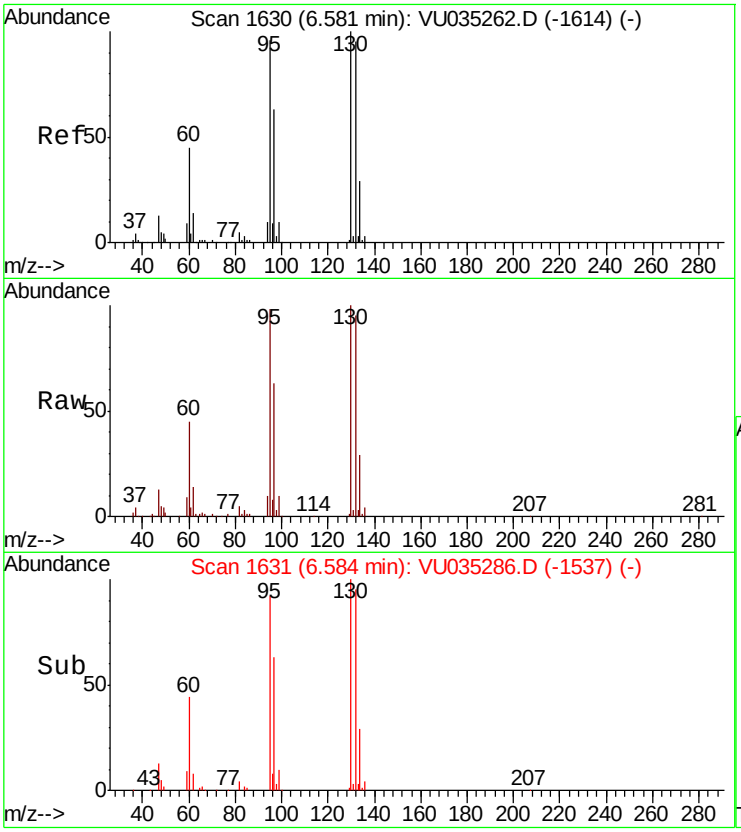




#33
Benzene
Concen: 4.913 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 78 Resp: 442615



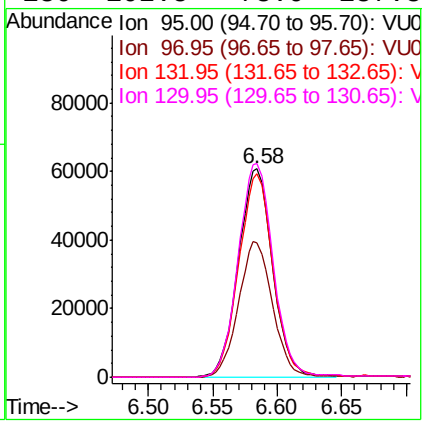


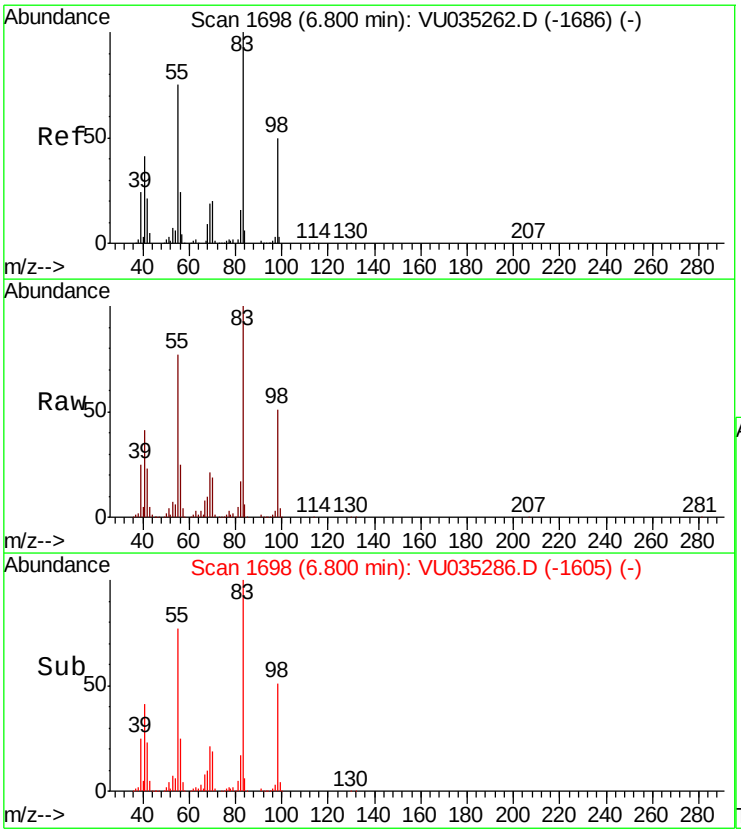
#34
Trichloroethene
Concen: 4.676 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 113243

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.6	86.6
132	97.5	68.7	127.7
130	102.5	73.9	137.3

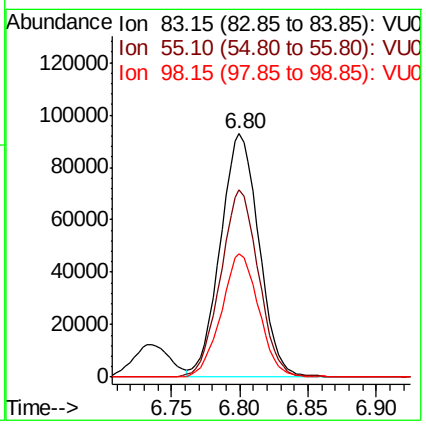


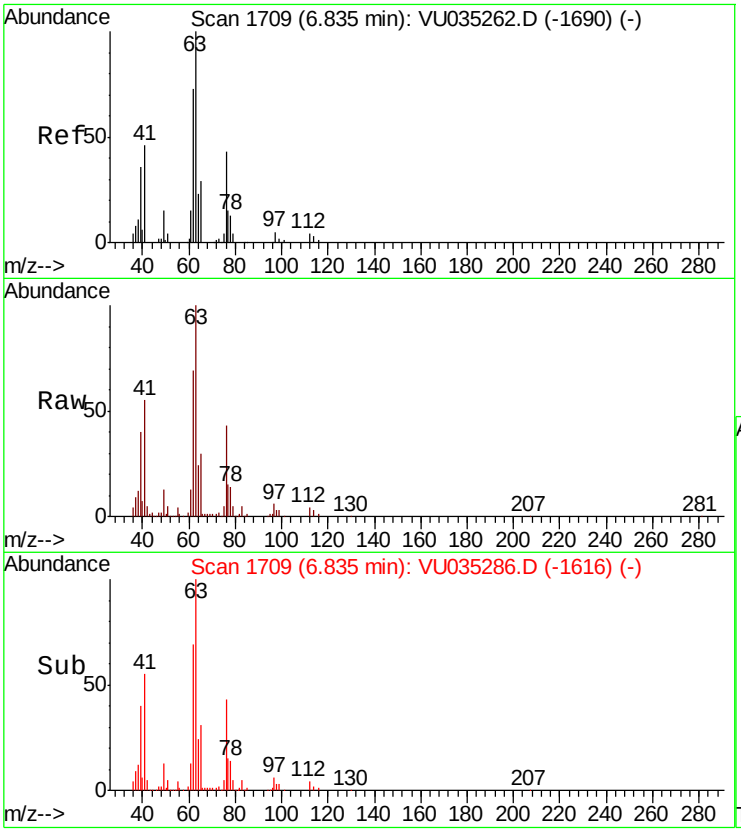


#35
Methylcyclohexane
Concen: 4.463 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 83 Resp: 180658

Ion	Ratio	Lower	Upper
83	100		
55	76.6	60.4	90.6
98	49.8	39.5	59.3



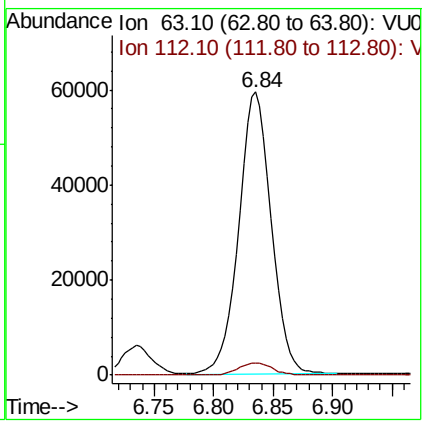


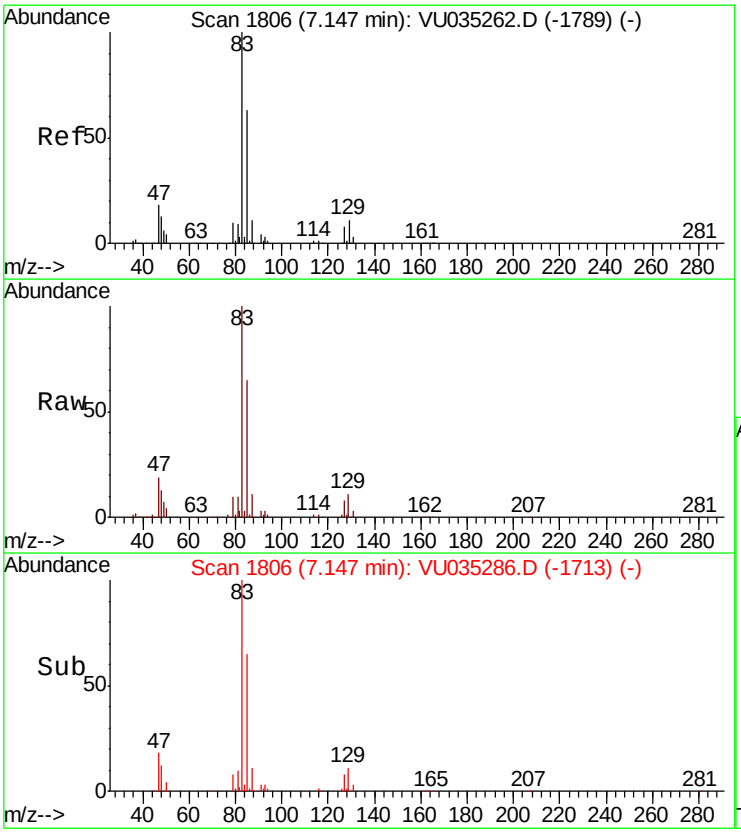
#37
1,2-Dichloropropane
Concen: 4.903 ug/L
RT: 6.84 min Scan# 1709
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 112126

Ion	Ratio	Lower	Upper
63	100		
112	4.5	3.7	5.5

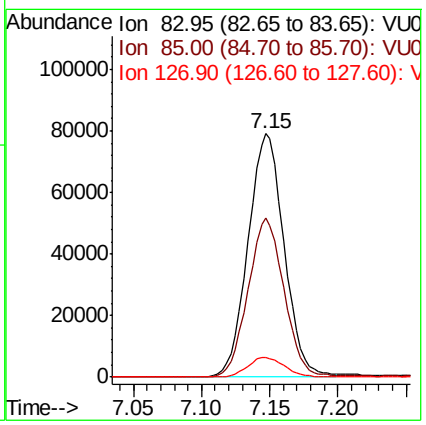


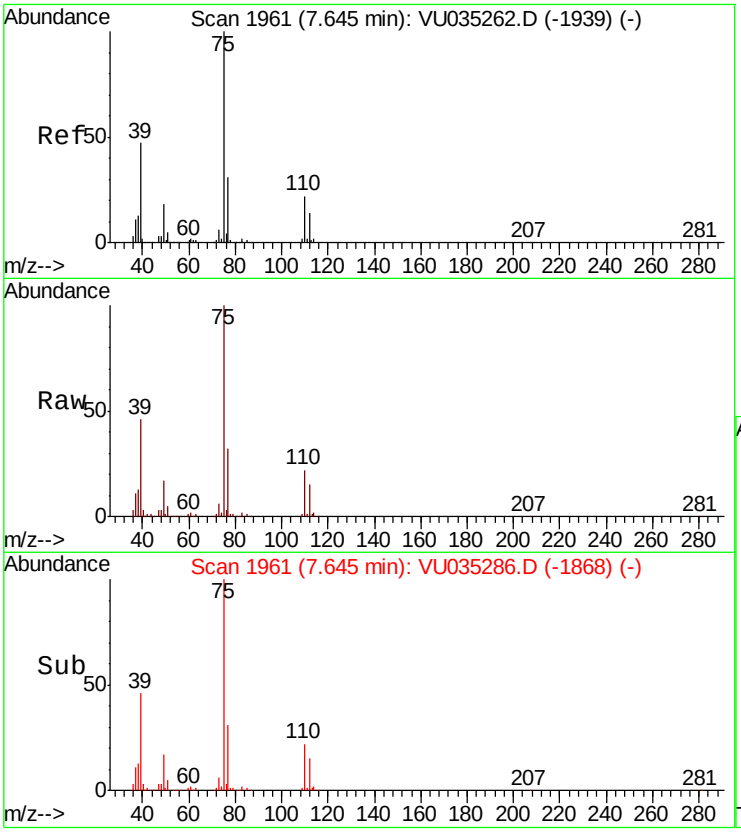


#38
Bromodichloromethane
Concen: 4.717 ug/L
RT: 7.15 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 83 Resp: 145323

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.6	84.8
127	8.2	6.9	10.3



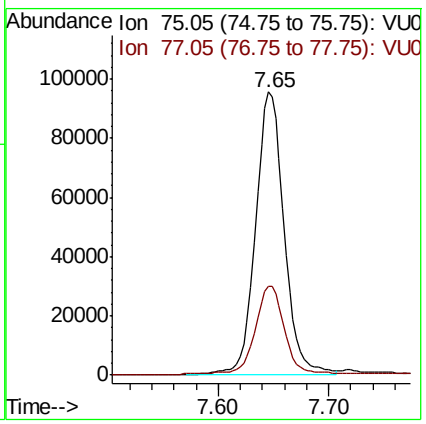


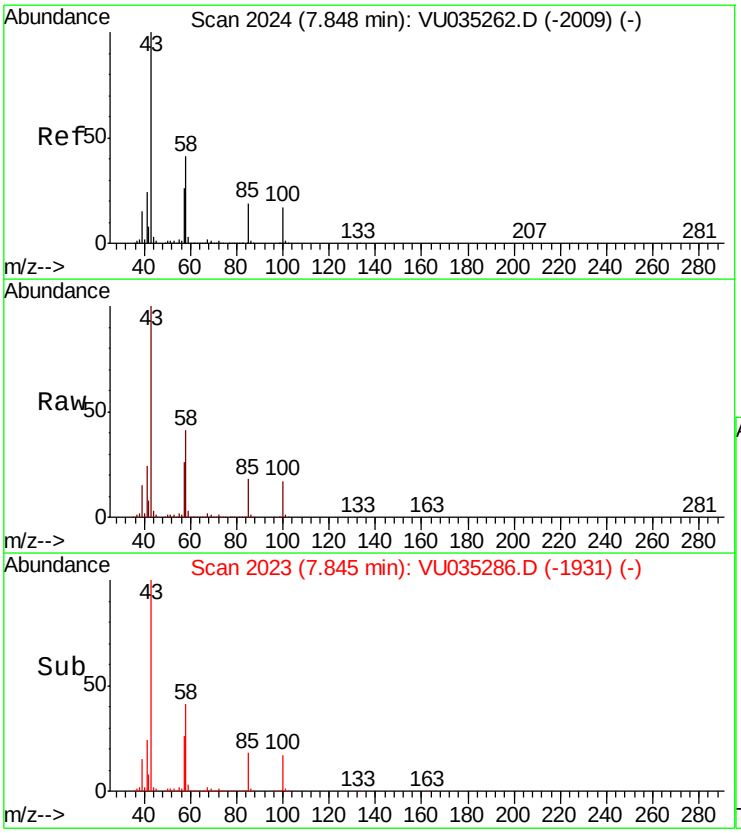
#39
cis-1,3-Dichloropropene
Concen: 4.520 ug/L
RT: 7.65 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 173007

Ion	Ratio	Lower	Upper
75	100		
77	31.5	22.7	42.1

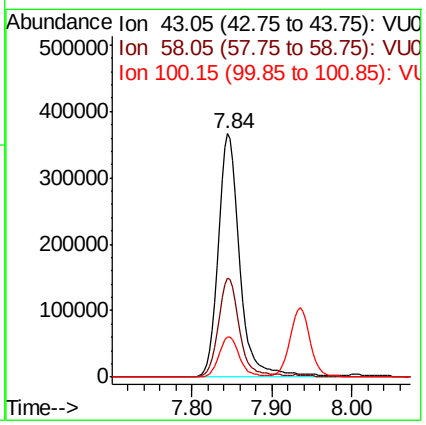


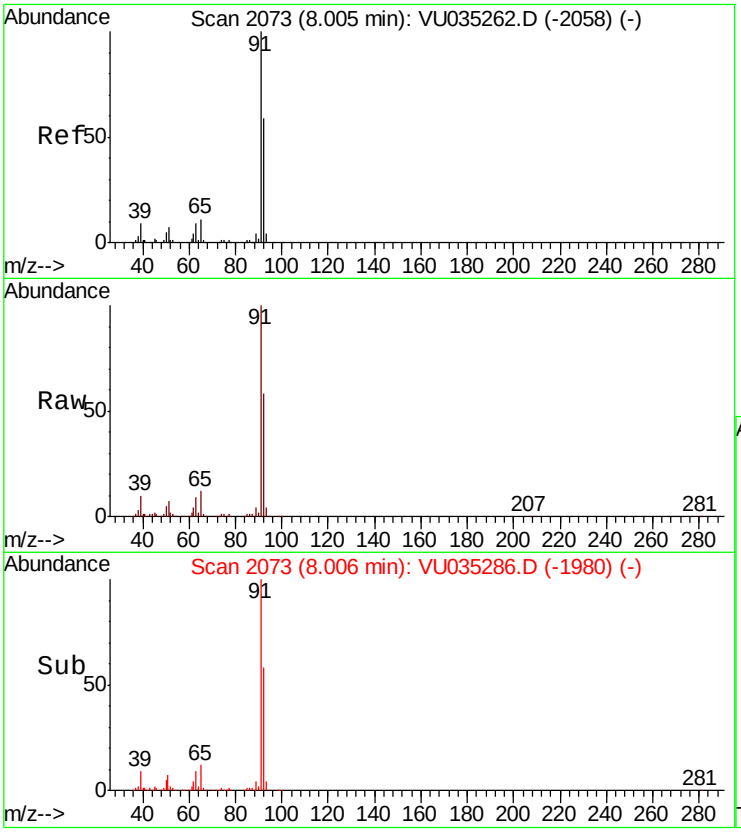


#40
4-Methyl-2-pentanone
Concen: 44.422 ug/L
RT: 7.84 min Scan# 2023
Delta R.T. -0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 43 Resp: 685823

Ion	Ratio	Lower	Upper
43	100		
58	39.9	32.3	48.5
100	15.9	13.4	20.2



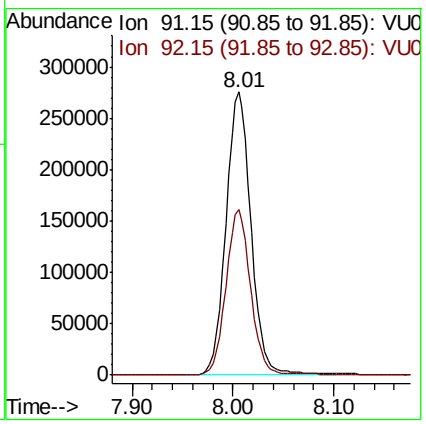


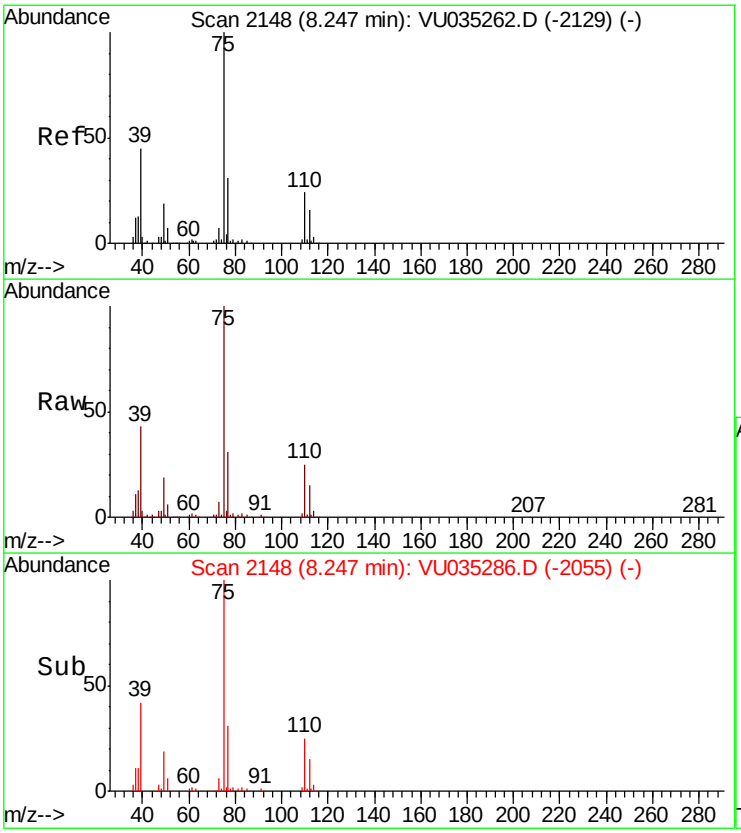
#42
Toluene
Concen: 4.802 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 477509

Ion	Ratio	Lower	Upper
91	100		
92	58.4	39.9	74.1

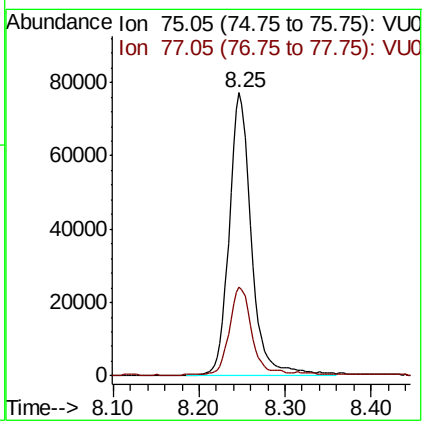


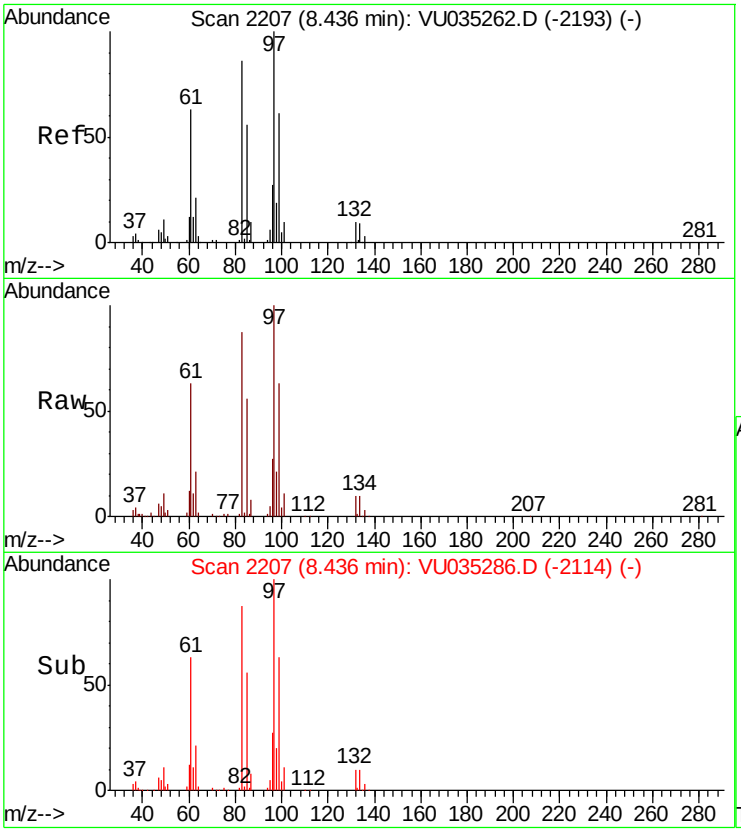


#44
trans-1,3-Dichloropropene
Concen: 4.461 ug/L
RT: 8.25 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 75 Resp: 139569

Ion	Ratio	Lower	Upper
75	100		
77	31.3	23.0	42.8



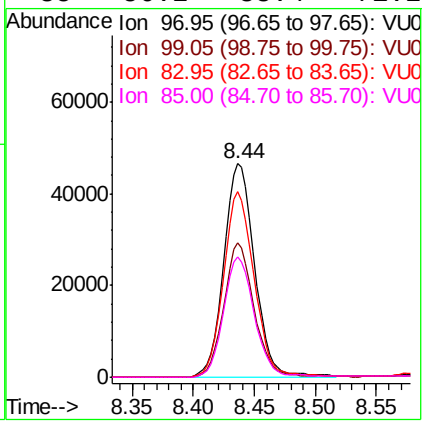


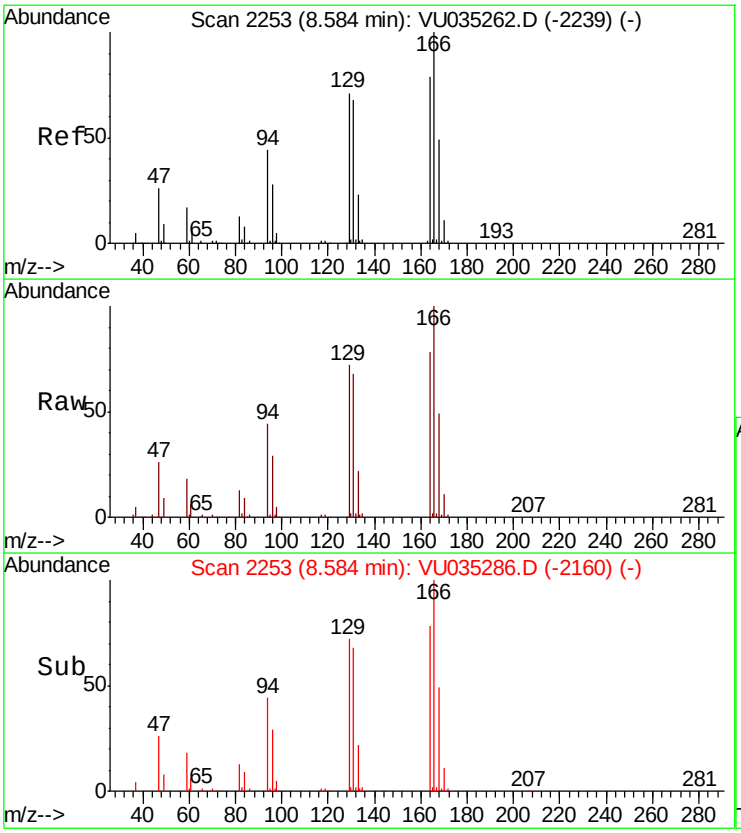
#45
1,1,2-Trichloroethane
Concen: 4.857 ug/L
RT: 8.44 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 82461

Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.9	79.7
83	86.6	60.4	112.2
85	56.2	38.4	71.2

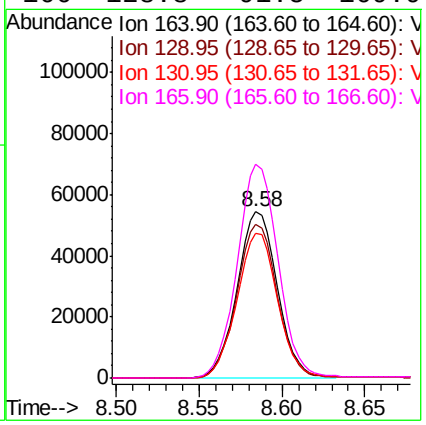


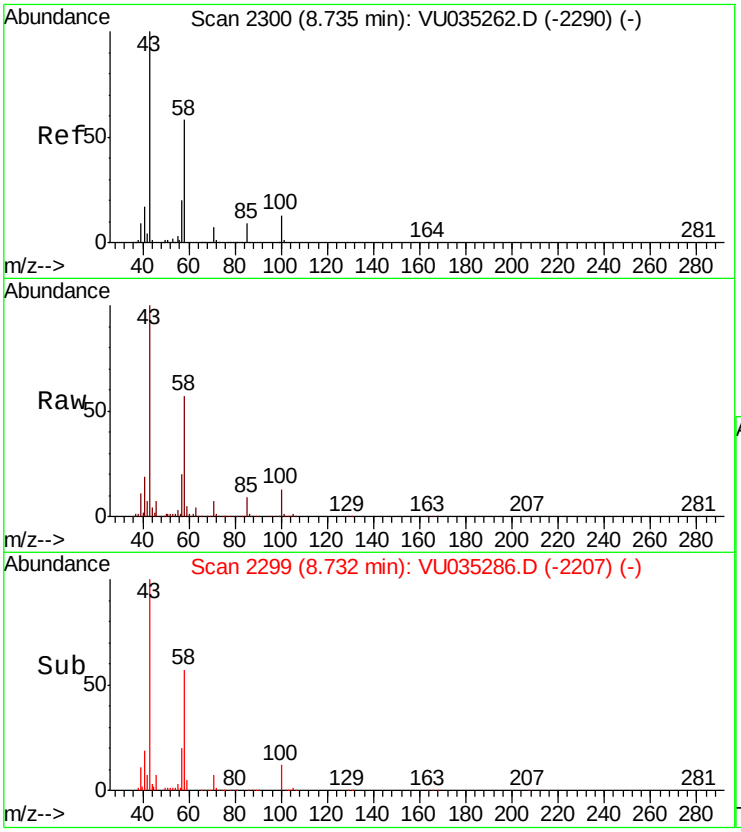


#47
Tetrachloroethene
Concen: 4.557 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:164 Resp: 91943

Ion	Ratio	Lower	Upper
164	100		
129	92.3	65.2	121.0
131	87.3	62.9	116.9
166	128.8	91.5	169.9



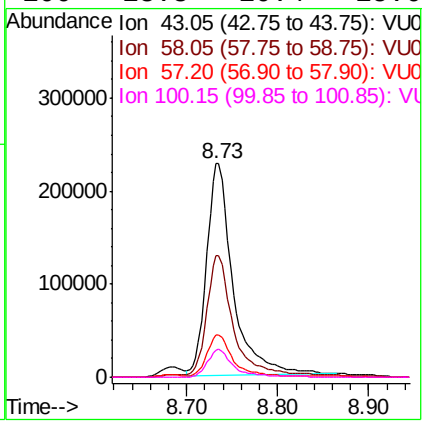


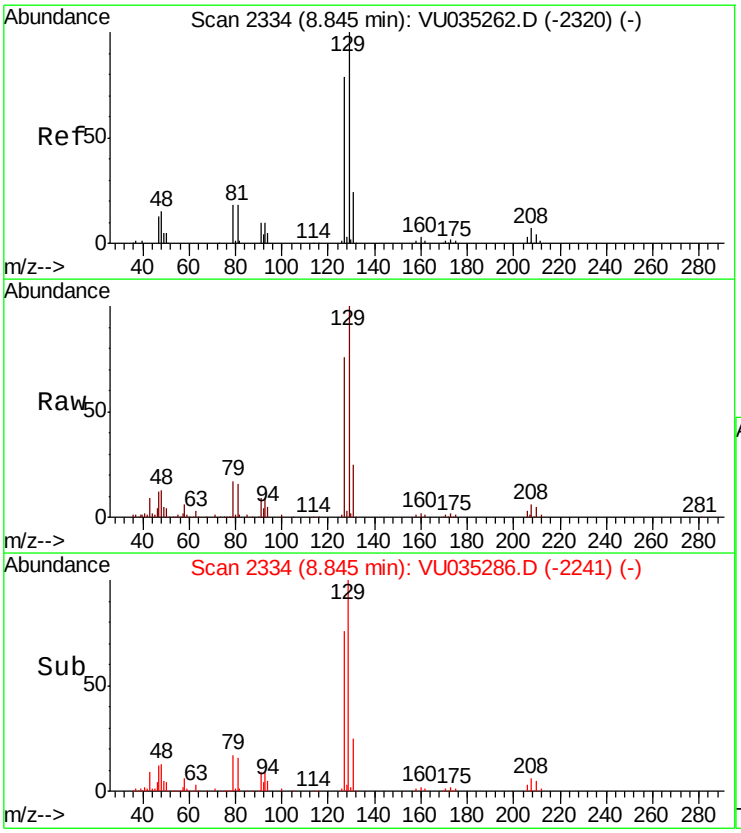
#48
2-Hexanone
Concen: 42.677 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 462079

Ion	Ratio	Lower	Upper
43	100		
58	61.1	45.1	67.7
57	19.1	16.0	24.0
100	13.3	10.4	15.6

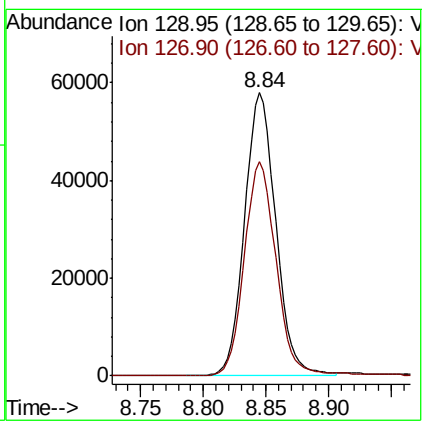


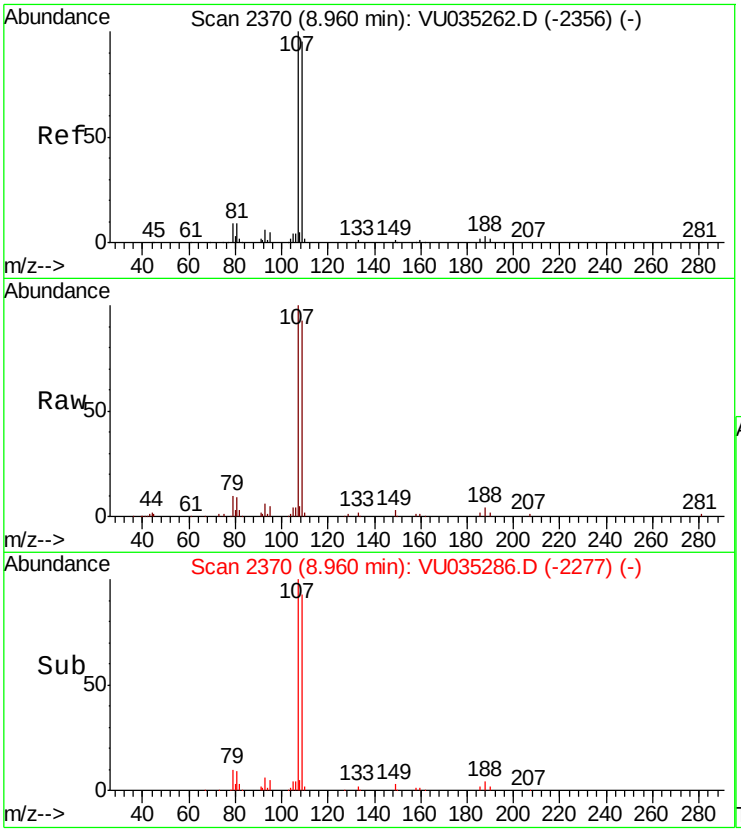


#49
Dibromochloromethane
Concen: 4.669 ug/L
RT: 8.84 min Scan# 2334
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:129 Resp: 100501

Ion	Ratio	Lower	Upper
129	100		
127	75.8	53.8	99.8



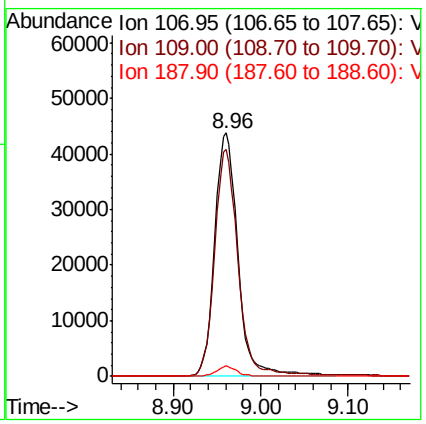


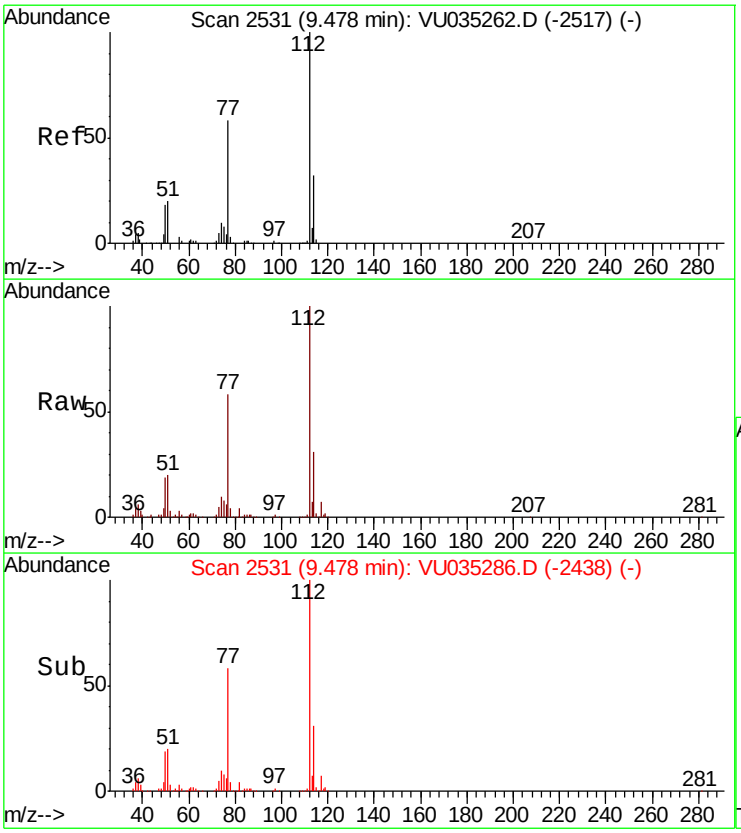
#50
1,2-Dibromoethane
Concen: 4.802 ug/L
RT: 8.96 min Scan# 2370
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:107 Resp: 81509

Ion	Ratio	Lower	Upper
107	100		
109	93.3	66.1	122.8
188	4.1	3.2	4.8

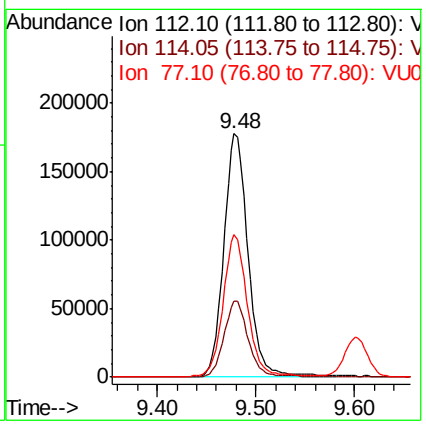


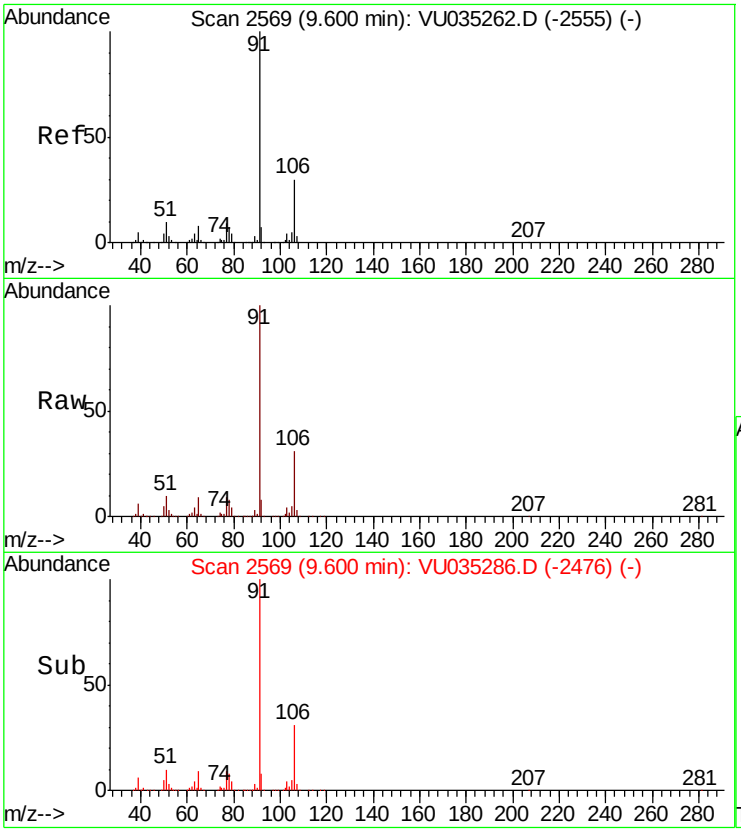


#51
Chlorobenzene
Concen: 4.795 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:112 Resp: 307889

Ion	Ratio	Lower	Upper
112	100		
114	31.4	23.0	42.8
77	58.3	47.5	71.3



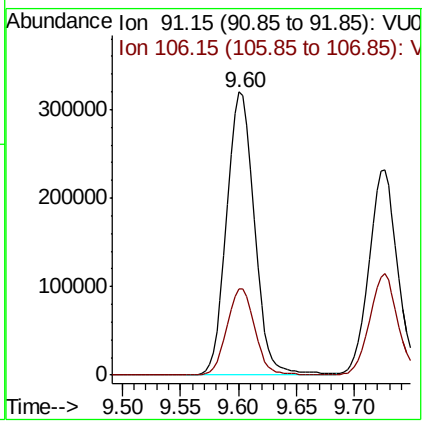


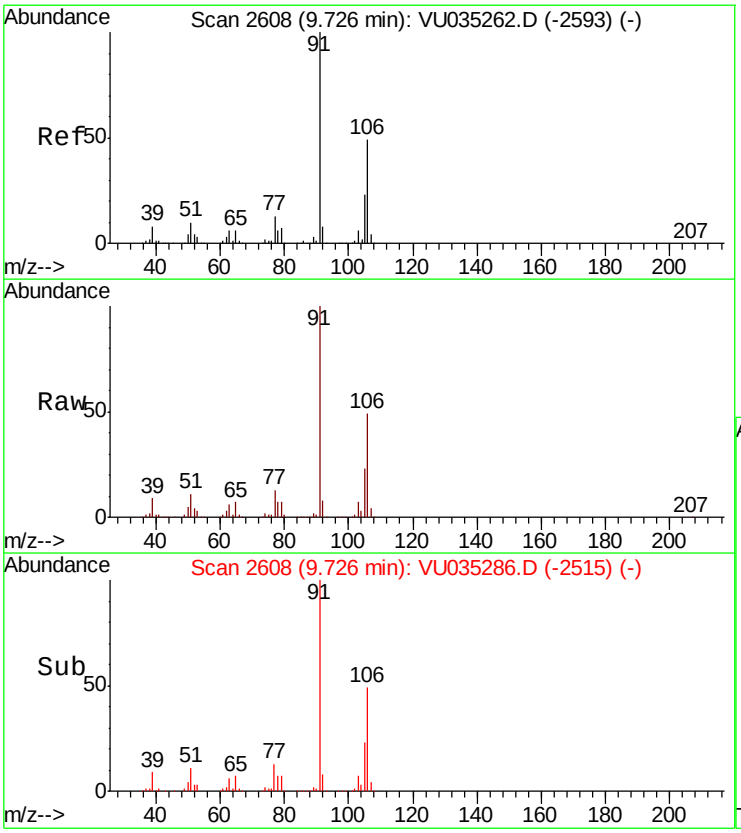
#52
Ethylbenzene
Concen: 4.693 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 530669

Ion	Ratio	Lower	Upper
91	100		
106	30.7	21.3	39.6

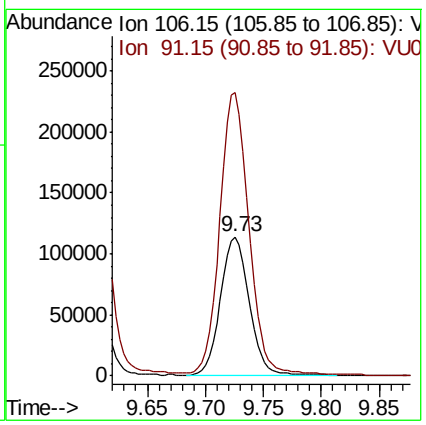


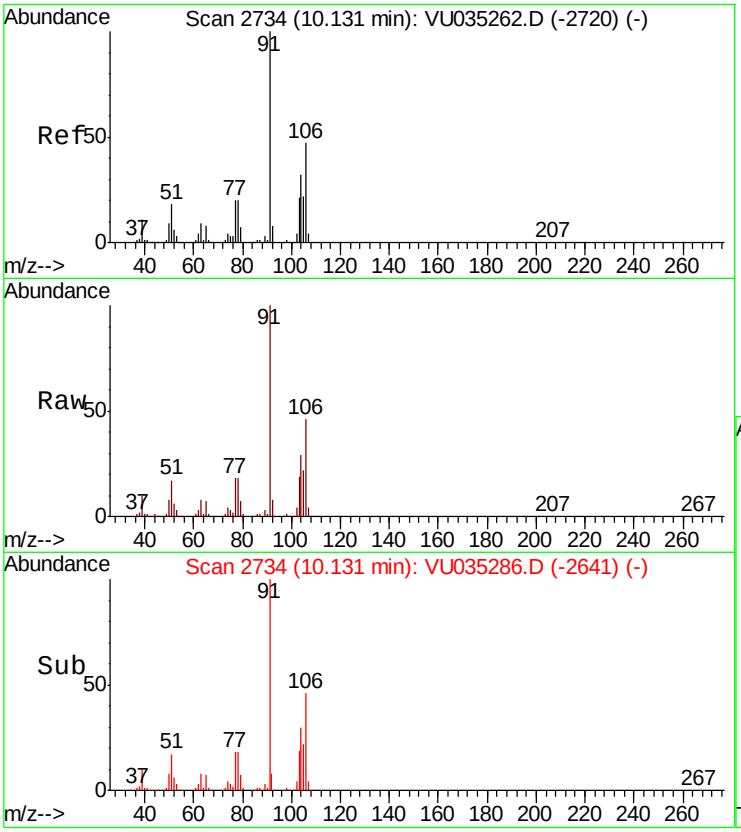


#53
m,p-Xylene
Concen: 4.533 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:106 Resp: 193556

Ion	Ratio	Lower	Upper
106	100		
91	203.5	142.0	263.6



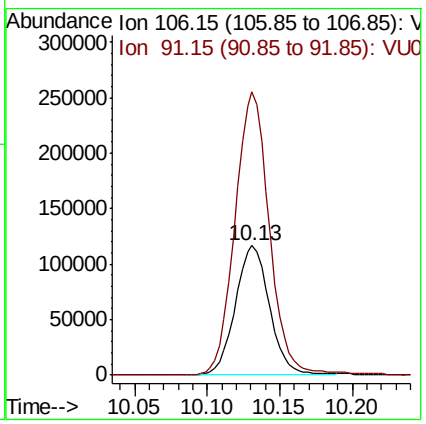


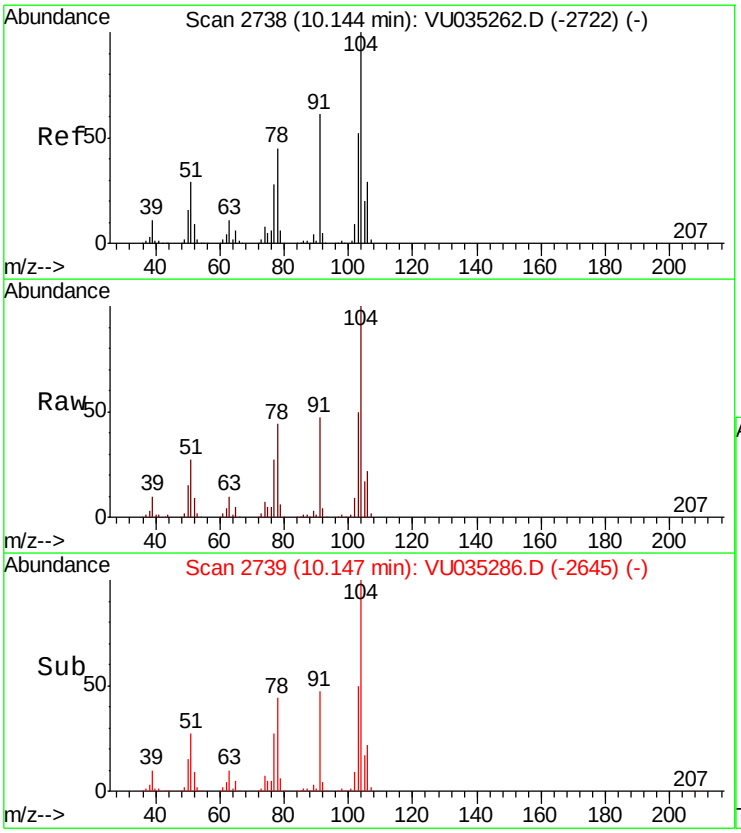
#54
o-Xylene
Concen: 4.598 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 191632

Ion	Ratio	Lower	Upper
106	100		
91	219.2	153.2	284.6

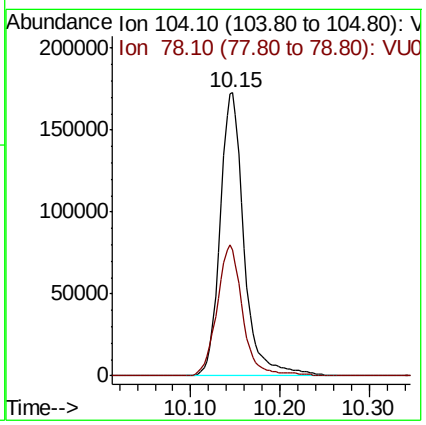


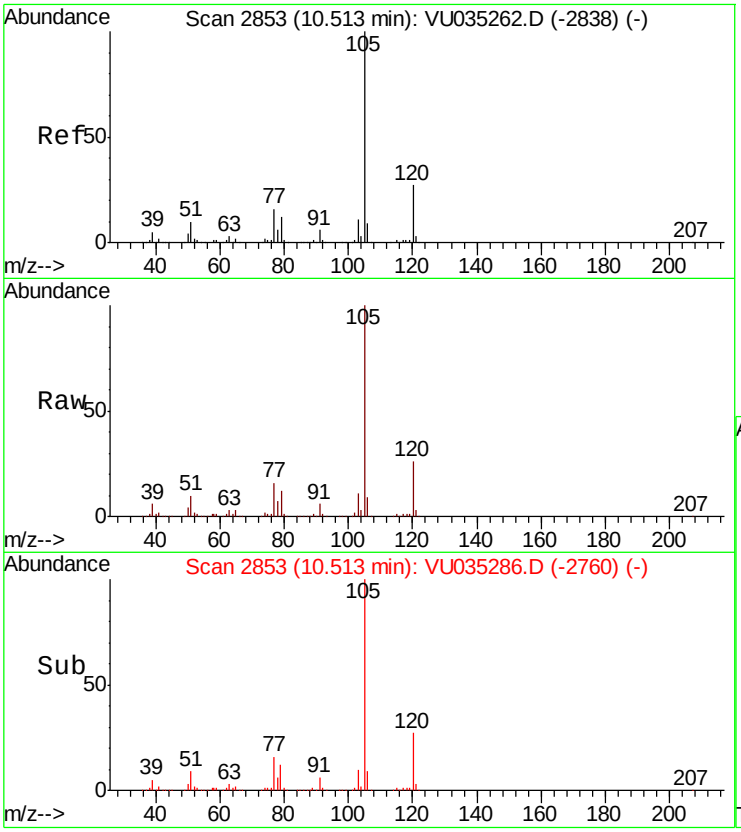


#55
Styrene
Concen: 4.725 ug/L
RT: 10.15 min Scan# 2739
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:104 Resp: 320596

Ion	Ratio	Lower	Upper
104	100		
78	44.3	31.3	58.1



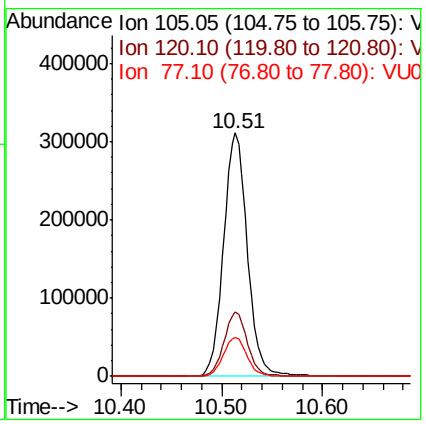


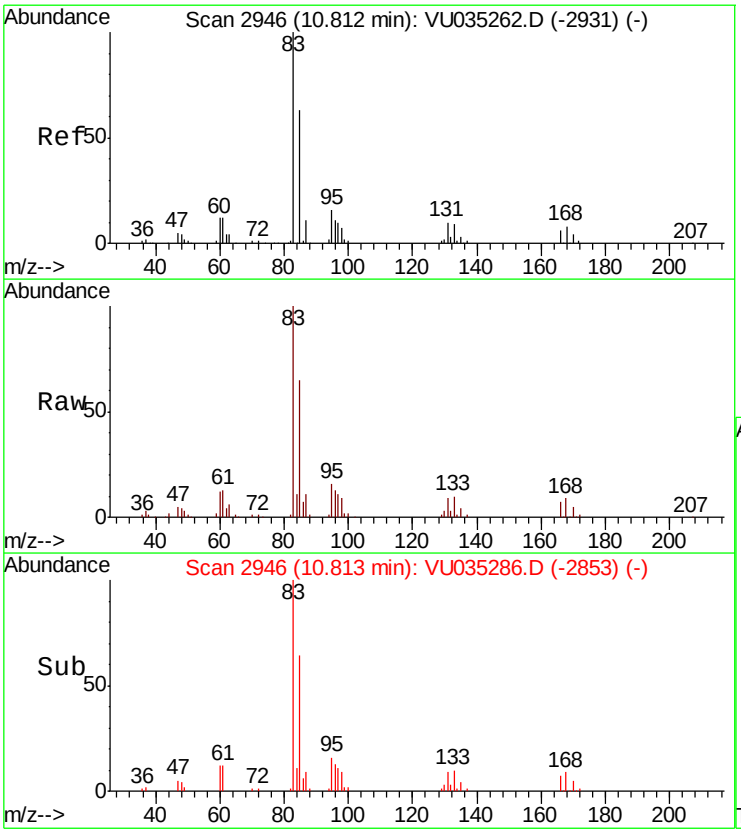
#56
Isopropylbenzene
Concen: 4.582 ug/L
RT: 10.51 min Scan# 2853
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 513638

Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.0	31.6
77	16.0	12.6	19.0

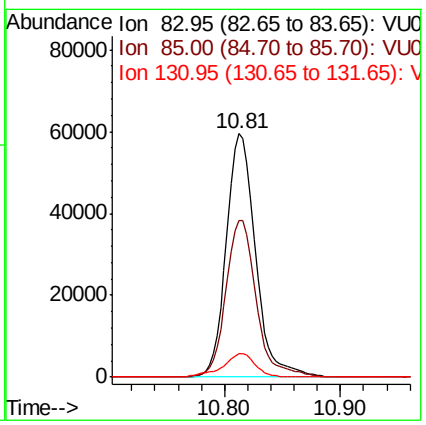


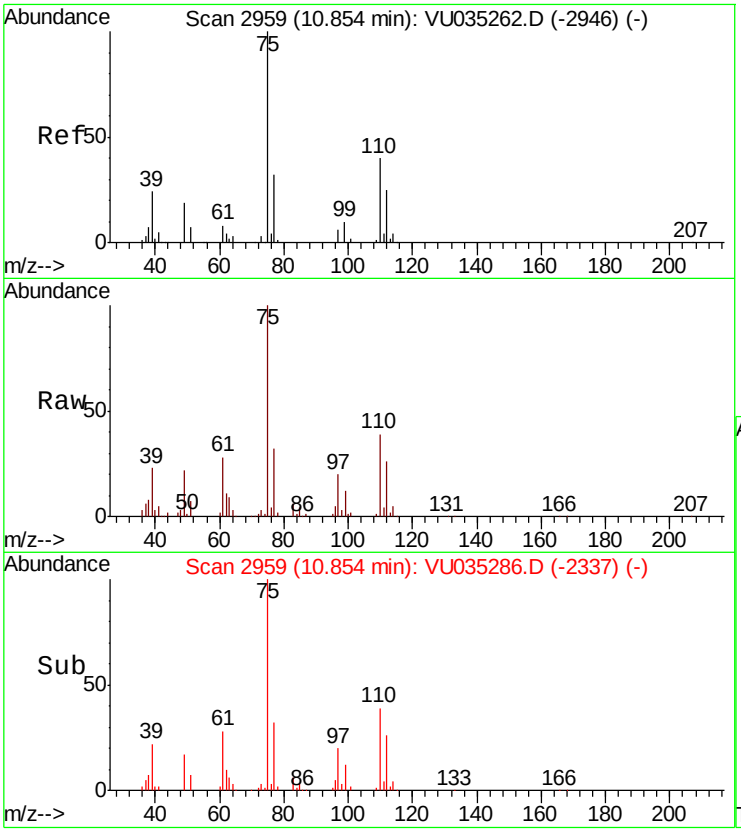


#58
1,1,2,2-Tetrachloroethane
Concen: 4.760 ug/L
RT: 10.81 min Scan# 2946
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 83 Resp: 103998

Ion	Ratio	Lower	Upper
83	100		
85	64.6	46.8	86.8
131	9.4	7.5	11.3



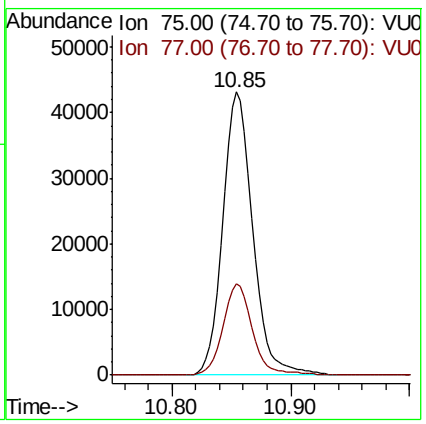


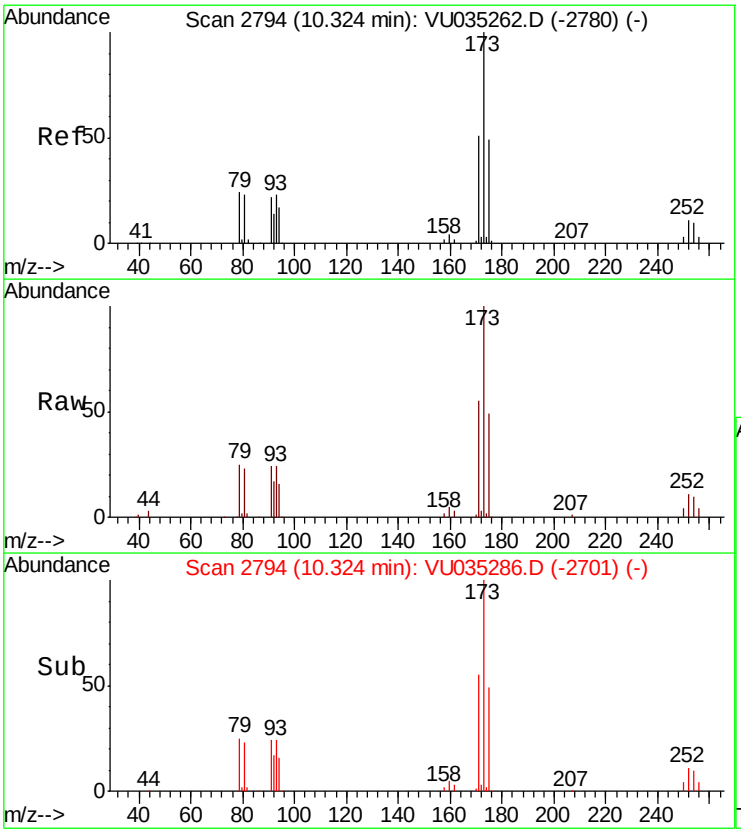
#59
1,2,3-Trichloropropane
Concen: 4.713 ug/L
RT: 10.85 min Scan# 2959
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 75094

Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.2	39.2

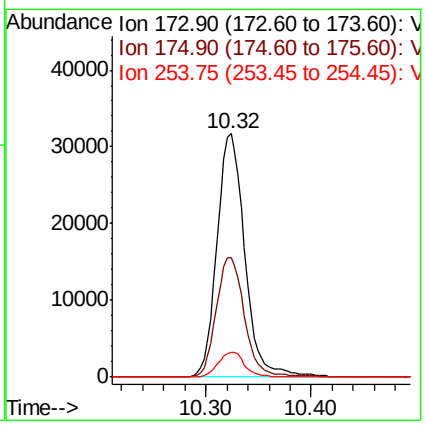


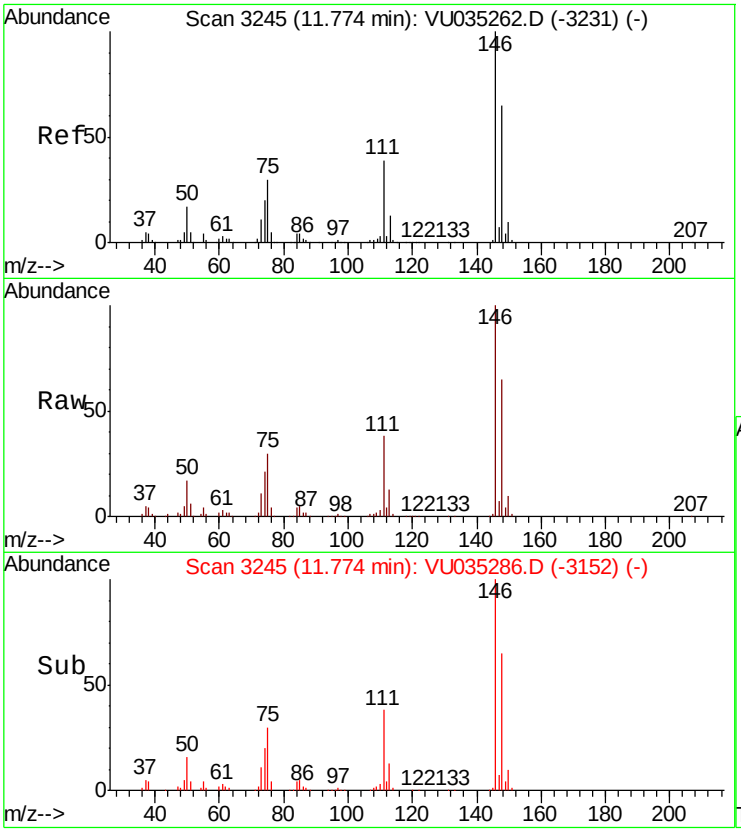


#61
Bromoform
Concen: 4.470 ug/L
RT: 10.32 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:173 Resp: 58020

Ion	Ratio	Lower	Upper
173	100		
175	50.1	38.8	58.2
254	9.8	7.5	11.3



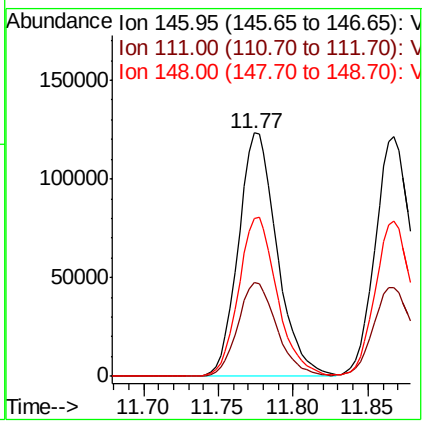


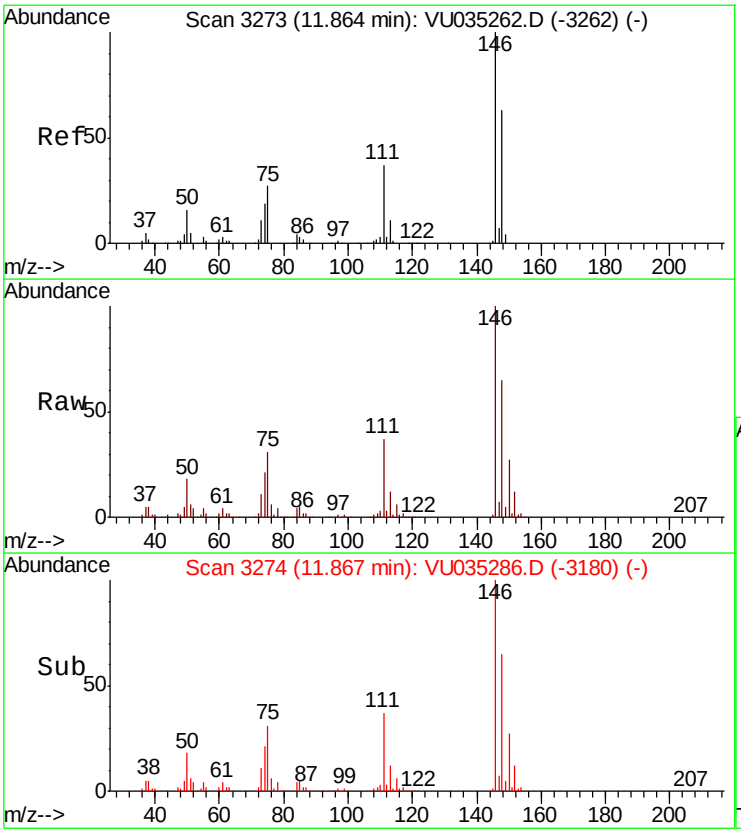
#62
1,3-Dichlorobenzene
Concen: 4.658 ug/L
RT: 11.77 min Scan# 3245
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 222729

Ion	Ratio	Lower	Upper
146	100		
111	38.3	27.8	51.6
148	64.6	45.6	84.8

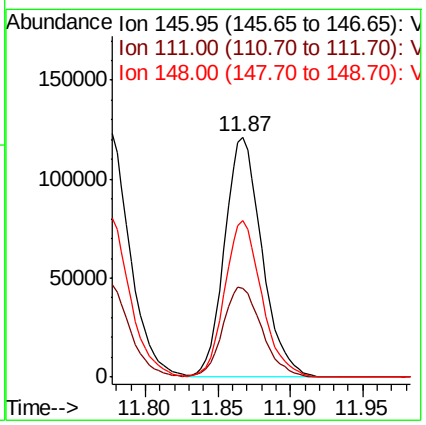


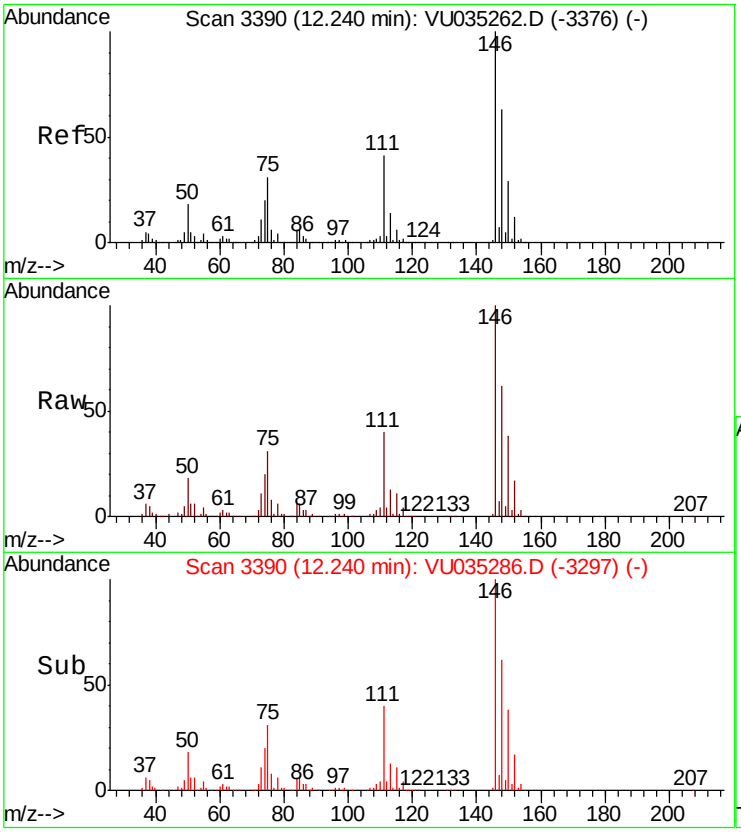


#63
1,4-Dichlorobenzene
Concen: 4.607 ug/L
RT: 11.87 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:146 Resp: 216599

Ion	Ratio	Lower	Upper
146	100		
111	37.2	26.4	49.0
148	64.9	44.7	83.1



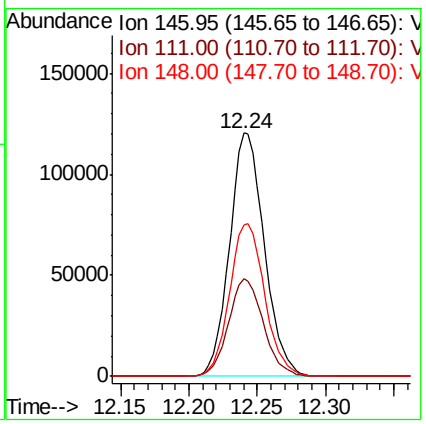


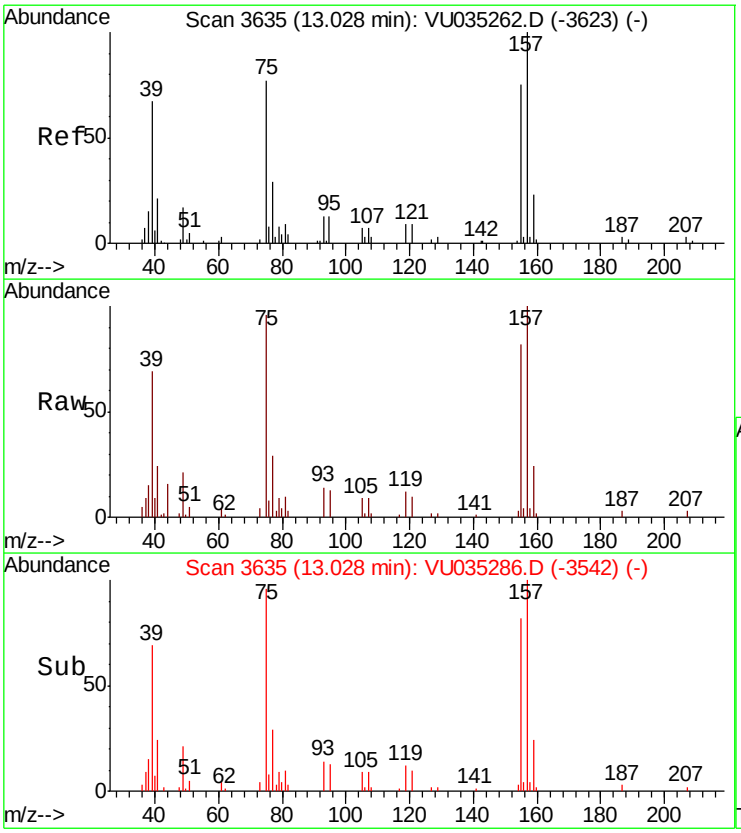
#65
1,2-Dichlorobenzene
Concen: 4.730 ug/L
RT: 12.24 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 212472

Ion	Ratio	Lower	Upper
146	100		
111	39.9	33.0	49.6
148	62.4	51.0	76.4

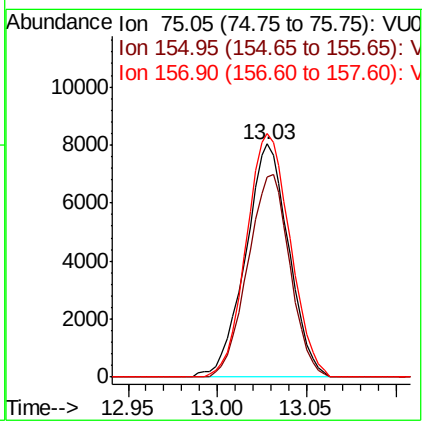


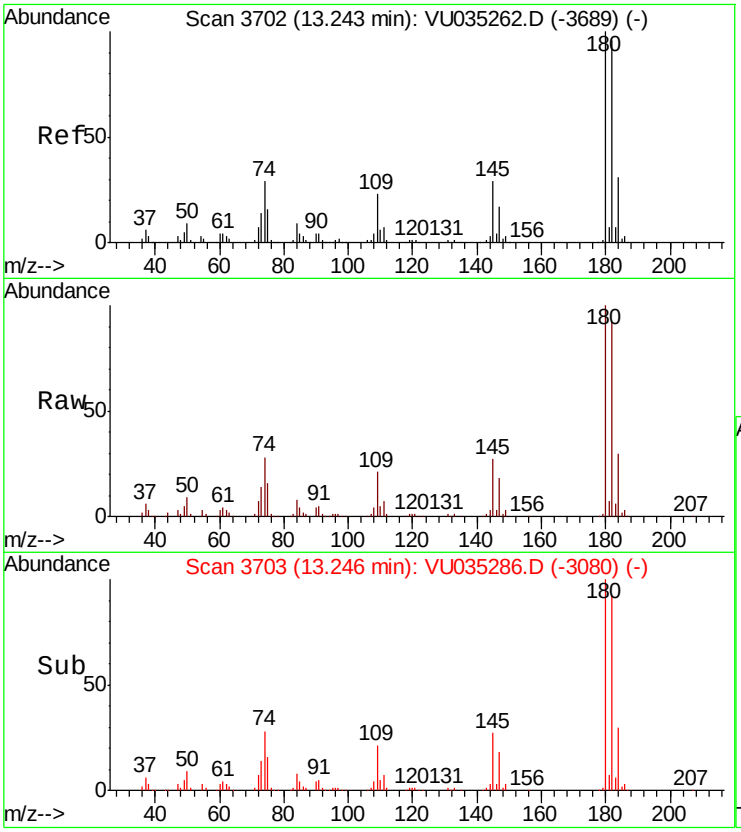


#66
1,2-Dibromo-3-chloropropane
Concen: 4.279 ug/L
RT: 13.03 min Scan# 3635
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion: 75 Resp: 13579

Ion	Ratio	Lower	Upper
75	100		
155	86.0	70.0	105.0
157	104.5	94.7	142.1



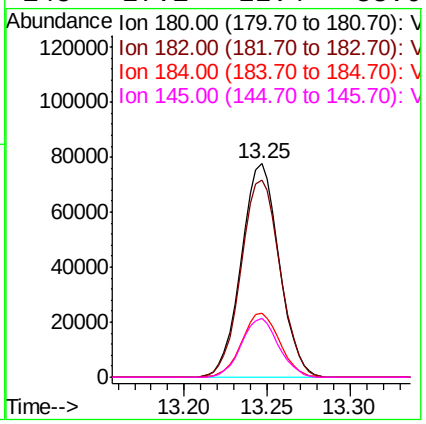


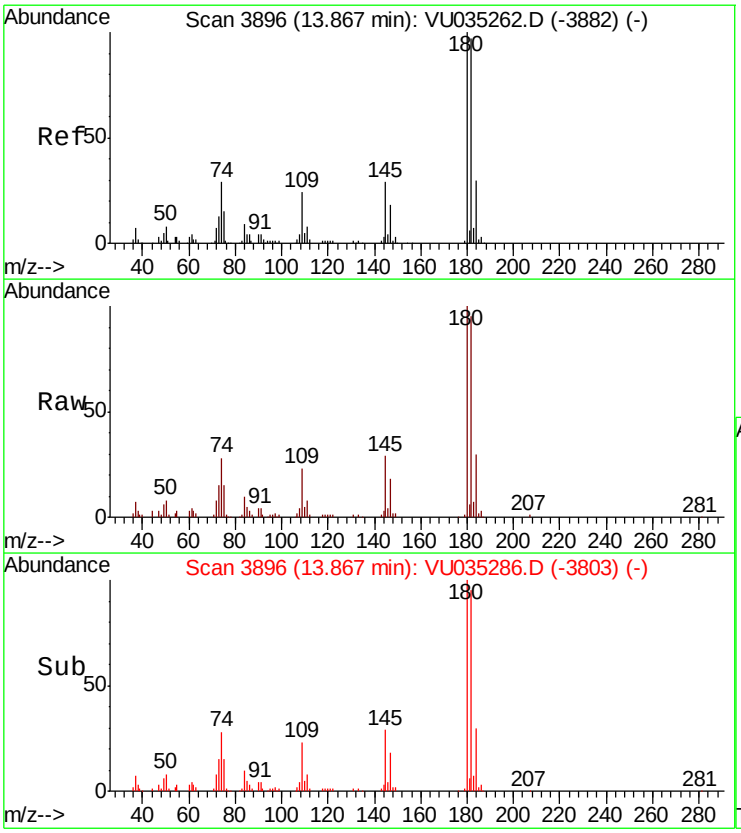
#67
1,3,5-Trichlorobenzene
Concen: 4.155 ug/L
RT: 13.25 min Scan# 3703
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 123134

Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.4	116.2
184	30.0	23.9	35.9
145	27.1	22.4	33.6

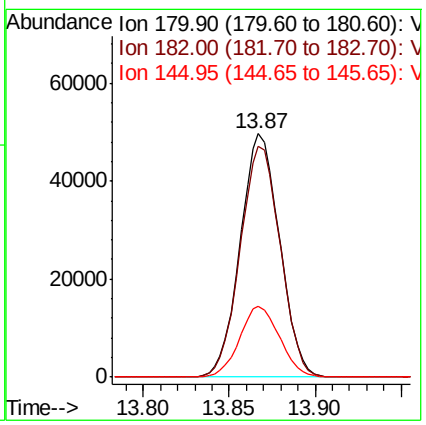


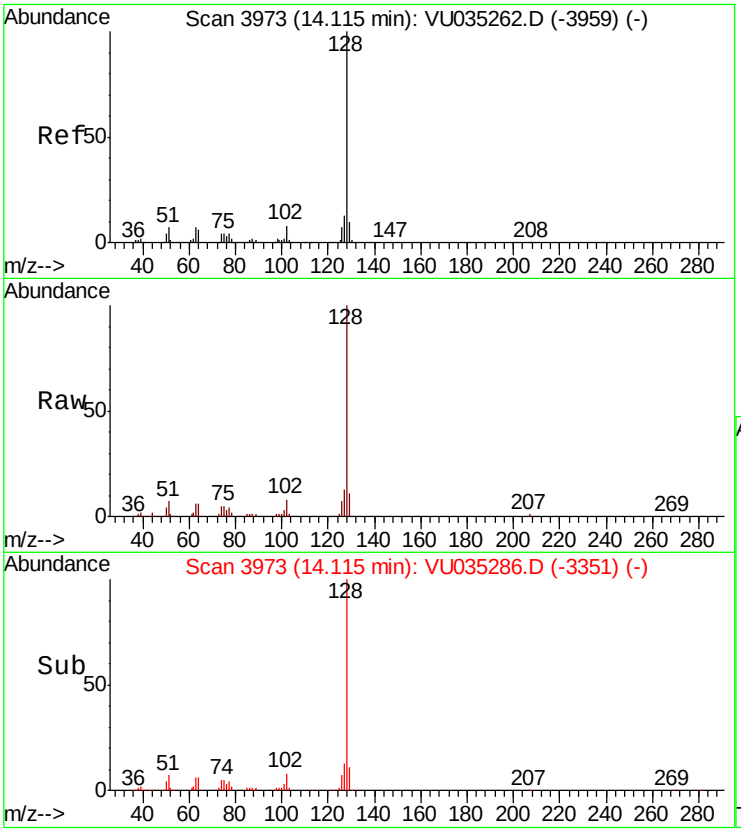


#68
1,2,4-trichlorobenzene
Concen: 3.995 ug/L
RT: 13.87 min Scan# 3896
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:180 Resp: 78814

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.9	113.9
145	29.6	23.4	35.2



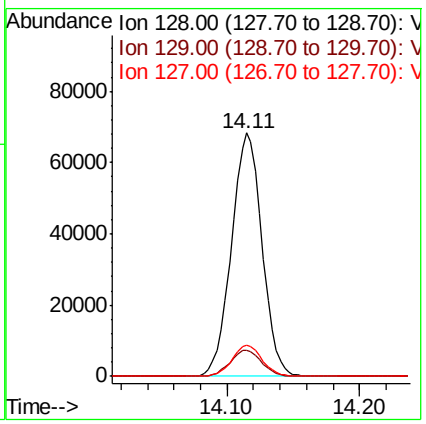


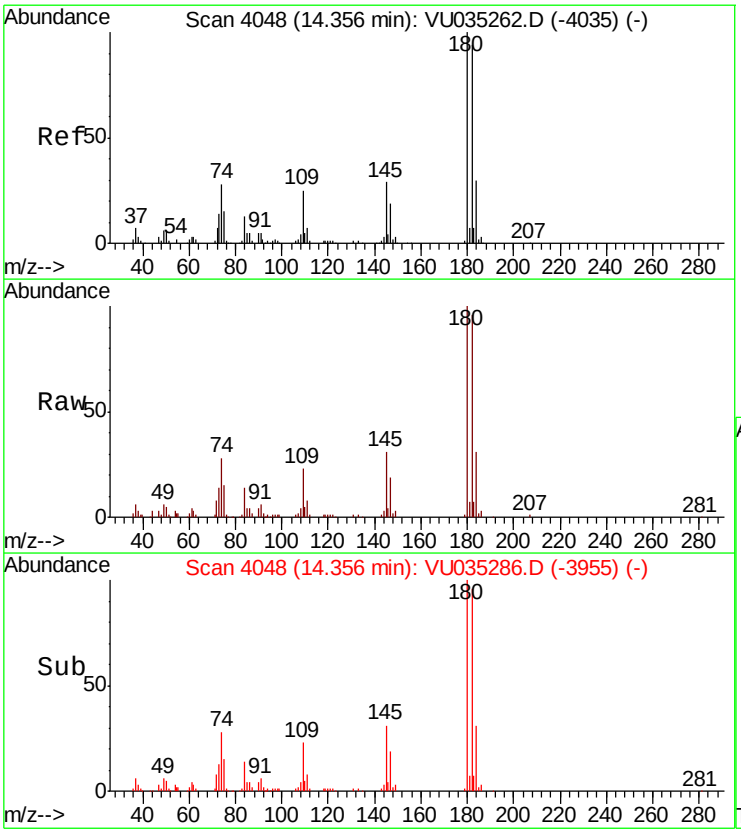
#69
Naphthalene
Concen: 4.032 ug/L
RT: 14.11 min Scan# 3973
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 109168

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	12.5	10.7	16.1





#70
1,2,3-Trichlorobenzene
Concen: 4.298 ug/L
RT: 14.36 min Scan# 4048
Delta R.T. 0.00 min
Lab File: VU035286.D
Acq: 18 Oct 2019 23:04

Tgt Ion:180 Resp: 79282

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.0	114.0
145	30.9	24.6	37.0