Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012720\

Quantitation Report (Not Reviewed)

Data File : VU036565.D
Acq On : 27 Jan 2020 13:51
Operator : JC/MD
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL04

Quant Time: Jan 28 01:20:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 01:18:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	157935	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	148697	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	70207	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	35300	4.06	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.20%			
7) Chloroethane-d5	1.93	69	34348	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.20%			
11) 1,1-Dichloroethene-d2	2.59	65	15578	4.35	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.00%			
20) 2-Butanone-d5	4.69	46	80944	42.30	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 84.60%			
24) Chloroform-d	5.11	84	71179	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.60%			
26) 1,2-Dichloroethane-d4	5.75	65	38589	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
32) Benzene-d6	5.77	84	159872	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.73	67	50460	4.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.00%			
41) Toluene-d8	7.93	98	154381	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.21	79	20215	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.67	63	99972	49.39	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.78%			
56) 1,1,2,2-Tetrachloroethane-	10.78	84	41316	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
66) 1,2-Dichlorobenzene-d4	12.21	152	57130	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2768	0.239	ug/L	98
3) Chloromethane	1.54	50	3076	0.252	ug/L	90
5) Vinyl chloride	1.62	62	3221	0.243	ug/L #	69
6) Bromomethane	1.88	94	1948	0.253	ug/L	93
8) Chloroethane	1.95	64	2423	0.295	ug/L	92
9) Trichlorofluoromethane	2.16	101	3655	0.237	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2842	0.298	ug/L	89
12) 1,1-Dichloroethene	2.60	96	2725	0.289	ug/L #	1
13) Acetone	2.67	43	6588	4.619	ug/L	99
14) Carbon disulfide	2.82	76	7329	0.247	ug/L	100
15) Methyl Acetate	3.00	43	856	0.235	ug/L #	51
16) Methylene chloride	3.08	84	4695	0.366	ug/L	98
17) Methyl tert-butyl Ether	3.41	73	5808	0.245	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	2519	0.248	ug/L	90
19) 1,1-Dichloroethane	3.92	63	4291	0.243	ug/L	96
21) 2-Butanone	4.77	43	7506	3.254	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	2792	0.247	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012720\

Quantitation Report (Not Reviewed)

Data File : VU036565.D
Acq On : 27 Jan 2020 13:51
Operator : JC/MD
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL04

Quant Time: Jan 28 01:20:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 01:18:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.02	128	1061	0.223 ug/L #	95
25) Chloroform	5.13	83	4999	0.283 ug/L	99
27) 1,2-Dichloroethane	5.84	62	2786	0.252 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	3684	0.248 ug/L	93
30) Cyclohexane	5.43	56	4002	0.236 ug/L	99
31) Carbon tetrachloride	5.57	117	2759	0.219 ug/L	94
33) Benzene	5.82	78	10464	0.250 ug/L	100
34) Trichloroethene	6.58	95	2726	0.246 ug/L	91
35) Methylcyclohexane	6.80	83	4775	0.252 ug/L	94
37) 1,2-Dichloropropane	6.83	63	2603	0.251 ug/L #	88
38) Bromodichloromethane	7.14	83	3013	0.237 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	3606	0.225 ug/L	92
40) 4-Methyl-2-pentanone	7.84	43	15818	2.707 ug/L #	87
42) Toluene	8.00	91	12589	0.273 ug/L	96
44) trans-1,3-Dichloropropene	8.24	75	3450	0.280 ug/L	87
45) 1,1,2-Trichloroethane	8.43	97	1914	0.249 ug/L	95
47) Tetrachloroethene	8.58	164	2282	0.253 ug/L	94
48) 2-Hexanone	8.72	43	12526	3.107 ug/L	97
49) Dibromochloromethane	8.84	129	1968	0.224 ug/L	94
50) 1,2-Dibromoethane	8.96	107	1779	0.238 ug/L #	93
51) Chlorobenzene	9.47	112	7946	0.268 ug/L	94
52) Ethylbenzene	9.60	91	12451	0.248 ug/L	93
53) m,p-Xylene	9.72	106	4716	0.242 ug/L	96
54) o-Xylene	10.12	106	4922	0.258 ug/L	91
55) Styrene	10.14	104	7712	0.246 ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.81	83	2427	0.252 ug/L #	80
59) Bromoform	10.32	173	1099	0.233 ug/L #	90
60) Isopropylbenzene	10.51	105	12319	0.260 ug/L	99
61) 1,2,3-Trichloropropane	10.85	75	1812	0.277 ug/L #	81
62) 1,3,5-Trimethylbenzene	11.11	105	10121	0.249 ug/L	98
63) 1,2,4-Trimethylbenzene	11.49	105	10046	0.249 ug/L	97
64) 1,3-Dichlorobenzene	11.77	146	5669	0.256 ug/L	97
65) 1,4-Dichlorobenzene	11.86	146	5708	0.258 ug/L	98
67) 1,2-Dichlorobenzene	12.23	146	5264	0.249 ug/L	98
68) 1,2-Dibromo-3-chloropropan	13.01	75	364	0.263 ug/L #	76
69) 1,3,5-Trichlorobenzene	13.24	180	3631	0.214 ug/L	97
70) 1,2,4-trichlorobenzene	13.86	180	2060	0.167 ug/L	96
72) 1,2,3-Trichlorobenzene	14.35	180	1802	0.161 ug/L	97

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

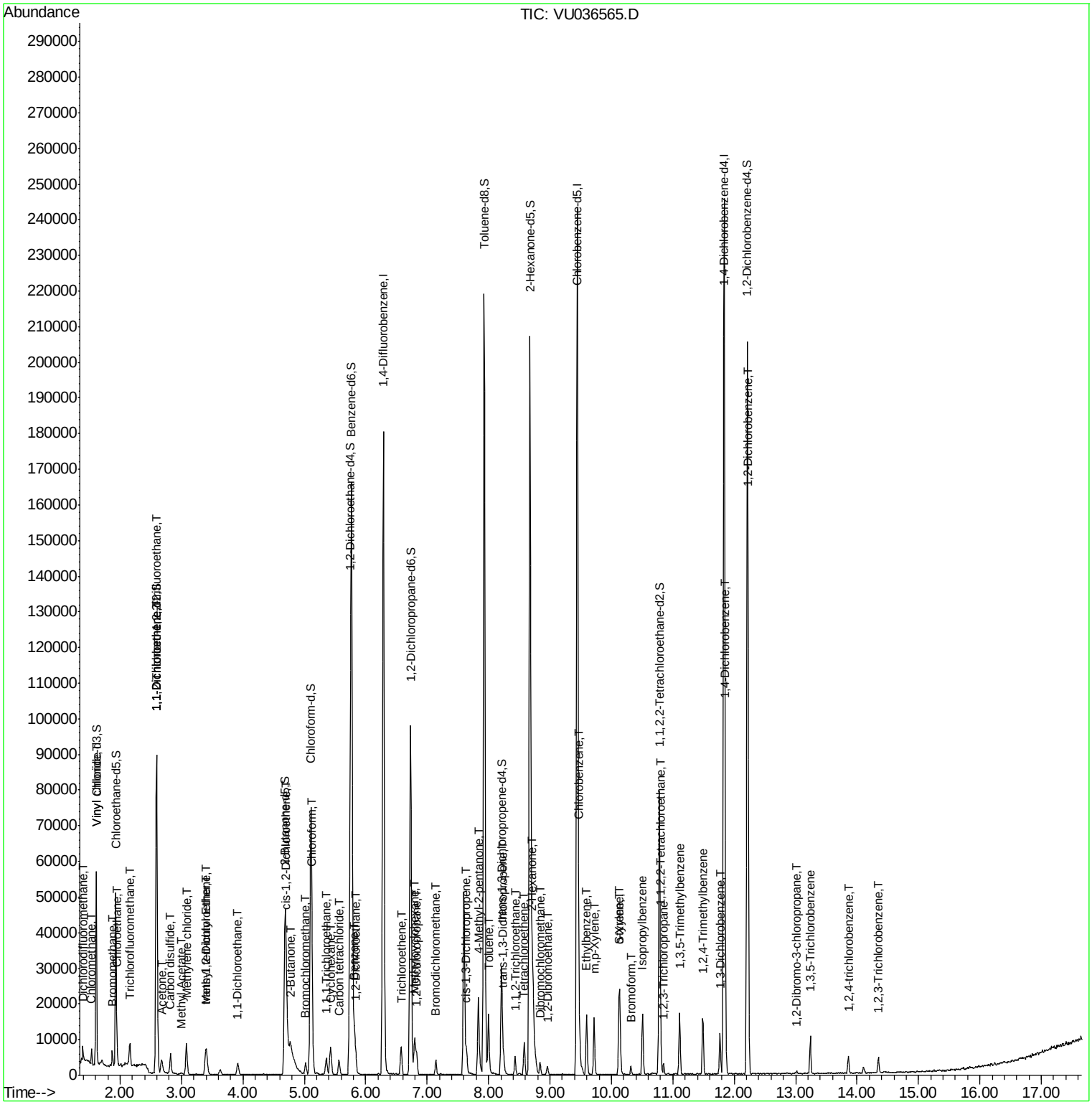
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012720\

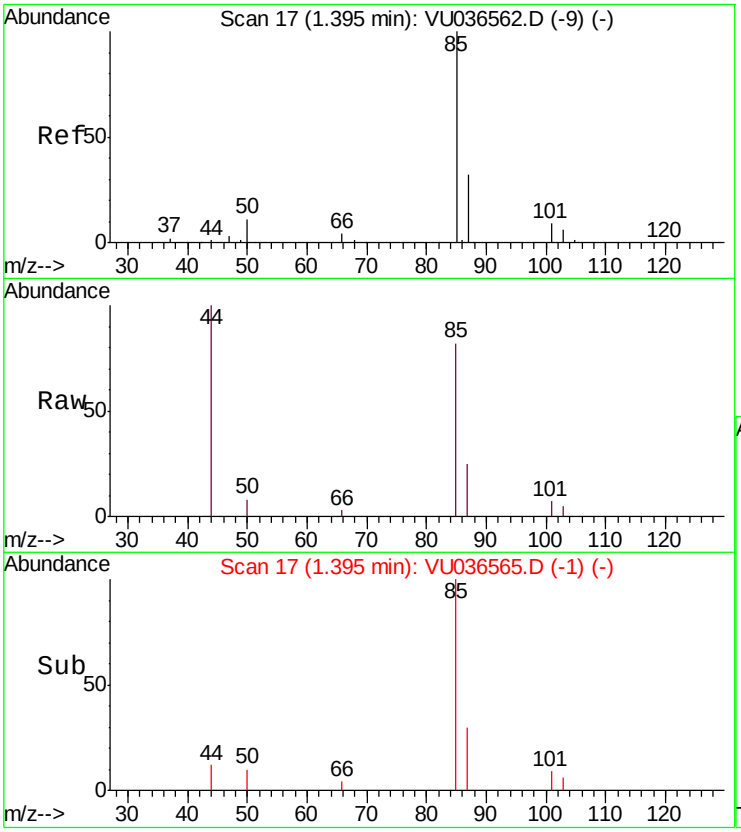
Quantitation Report (Not Reviewed)

Data File : VU036565.D
Acq On : 27 Jan 2020 13:51
Operator : JC/MD
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Quant Time: Jan 28 01:20:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 28 01:18:12 2020
Response via : Initial Calibration



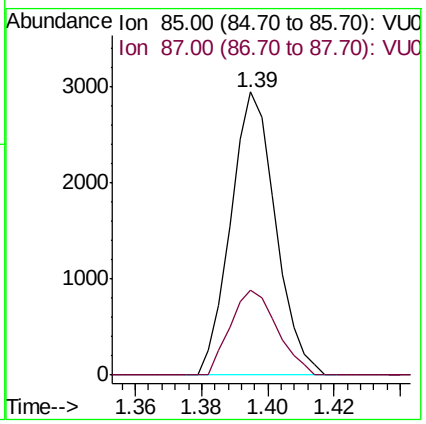


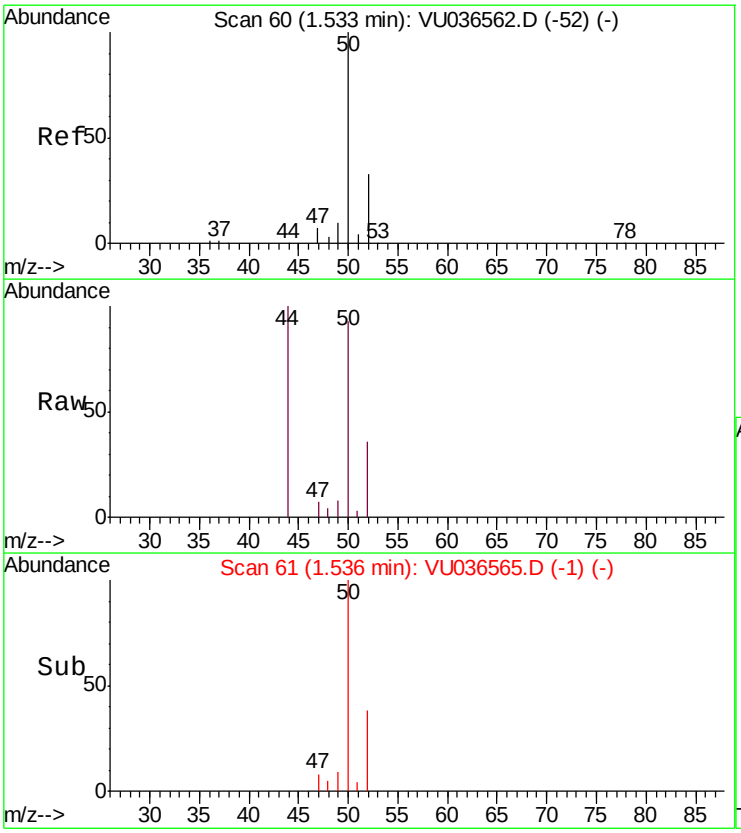
#2
Dichlorodifluoromethane
Concen: 0.239 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 85 Resp: 2768

Ion	Ratio	Lower	Upper
85	100		
87	31.3	26.0	39.0

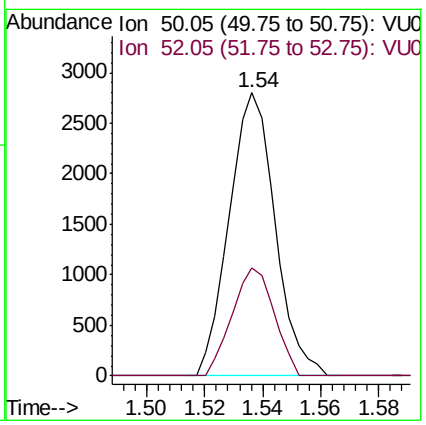


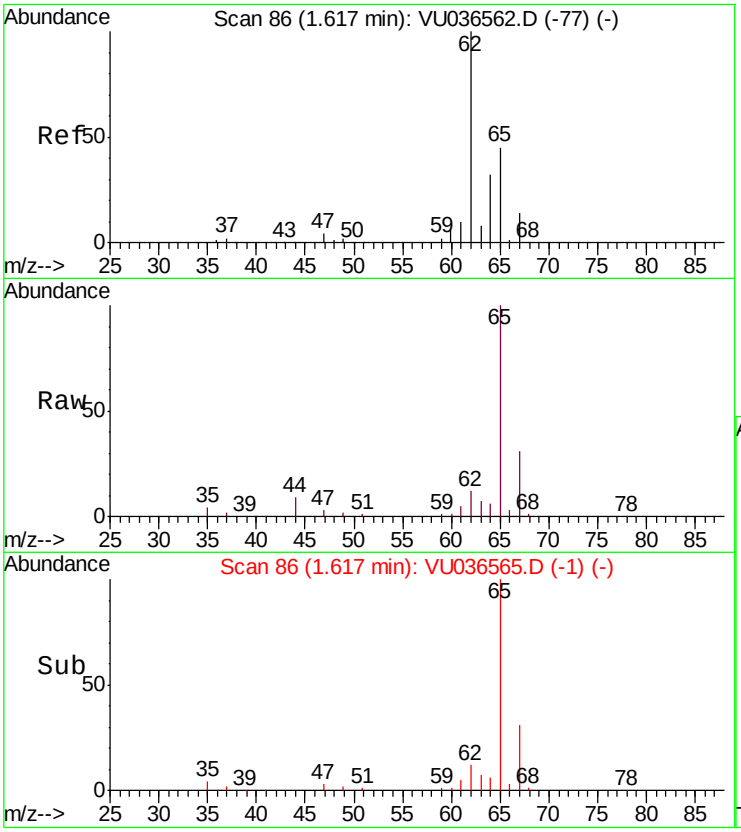


#3
Chloromethane
Concen: 0.252 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 50 Resp: 3076

Ion	Ratio	Lower	Upper
50	100		
52	38.2	22.7	42.3



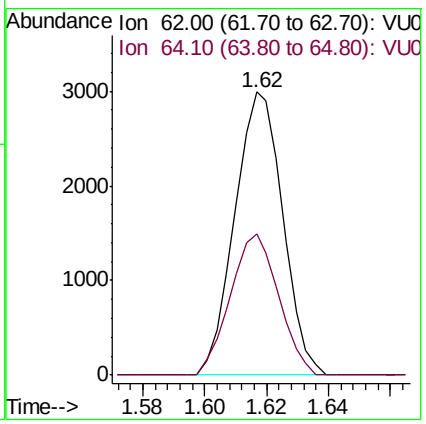


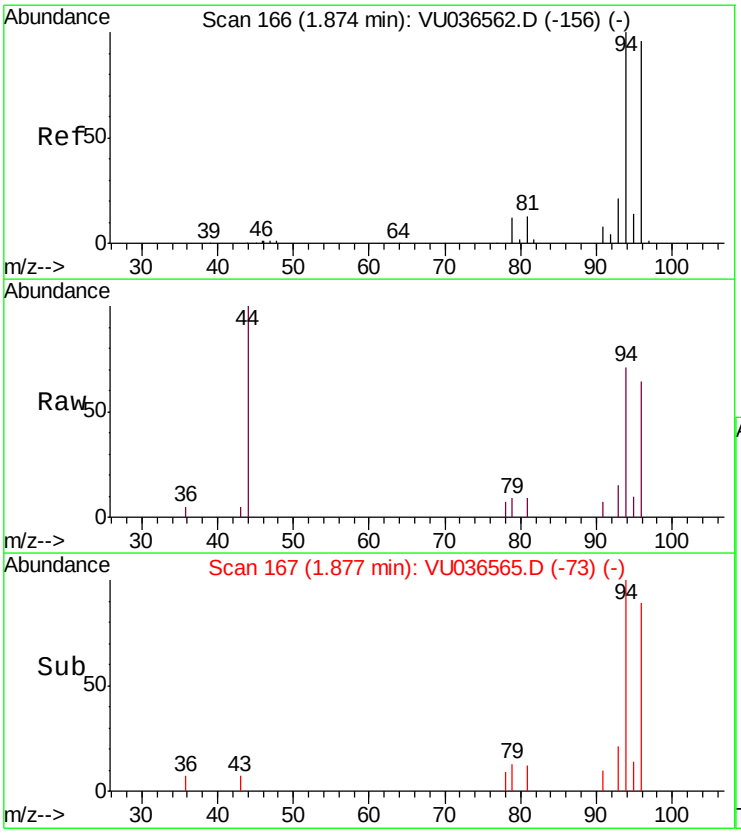
#5
Vinyl chloride
Concen: 0.243 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 62 Resp: 3221

Ion	Ratio	Lower	Upper
62	100		
64	49.8	22.6	42.0#

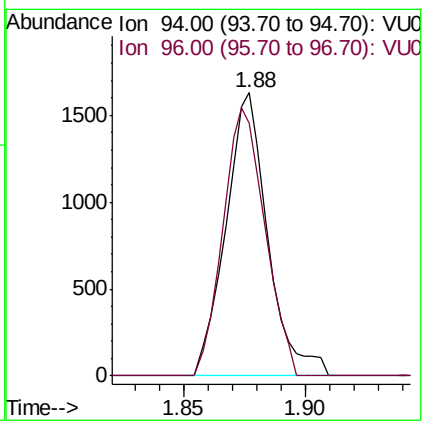


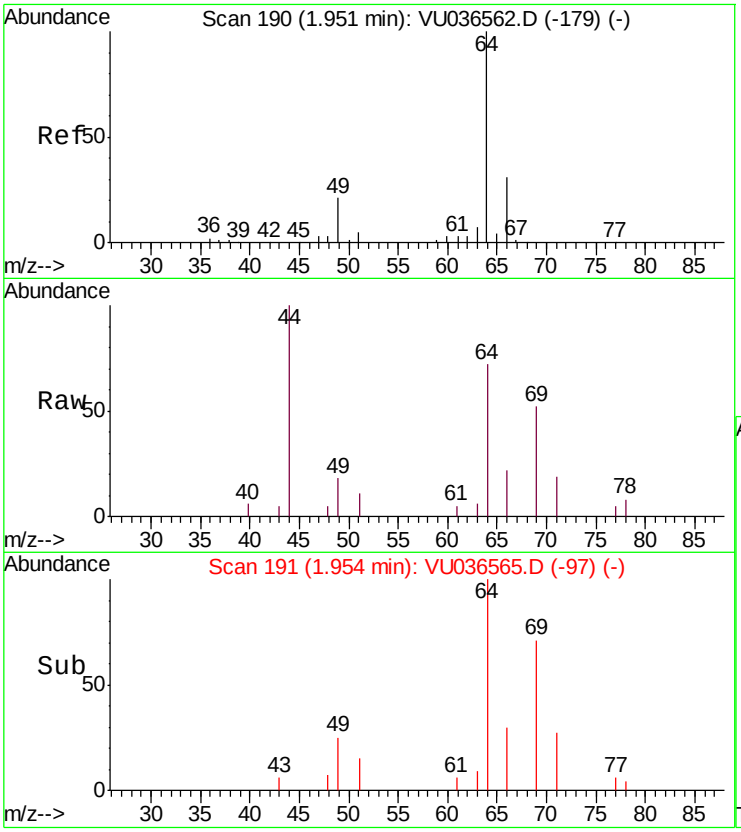


#6
Bromomethane
Concen: 0.253 ug/L
RT: 1.88 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 94 Resp: 1948

Ion	Ratio	Lower	Upper
94	100		
96	89.4	67.6	125.6



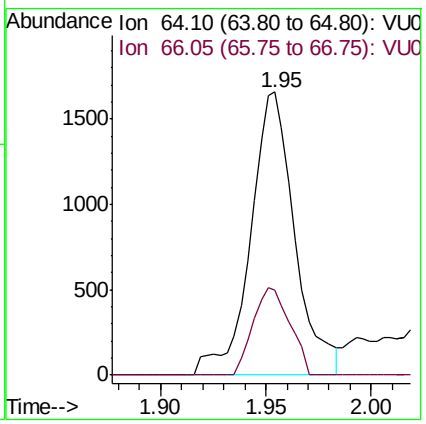


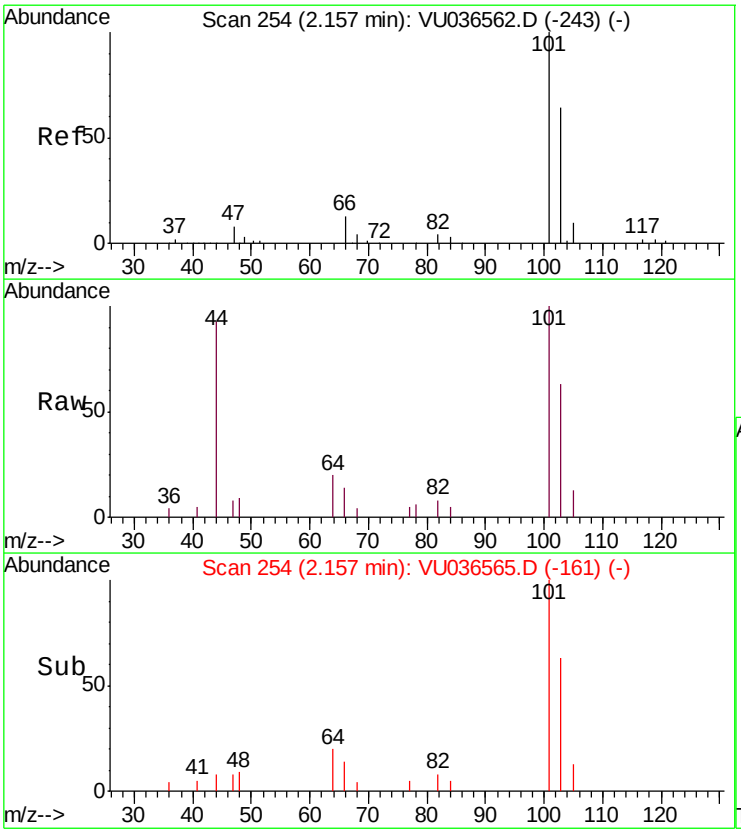
#8
Chloroethane
Concen: 0.295 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 64 Resp: 2423

Ion	Ratio	Lower	Upper
64	100		
66	30.1	24.1	44.8

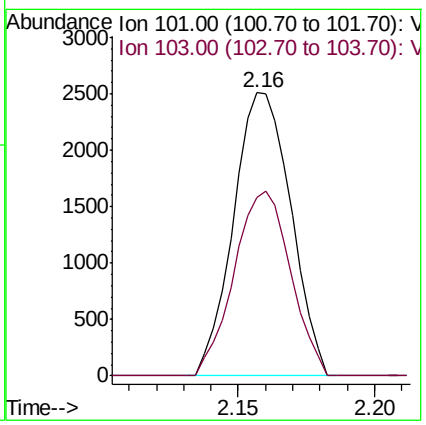


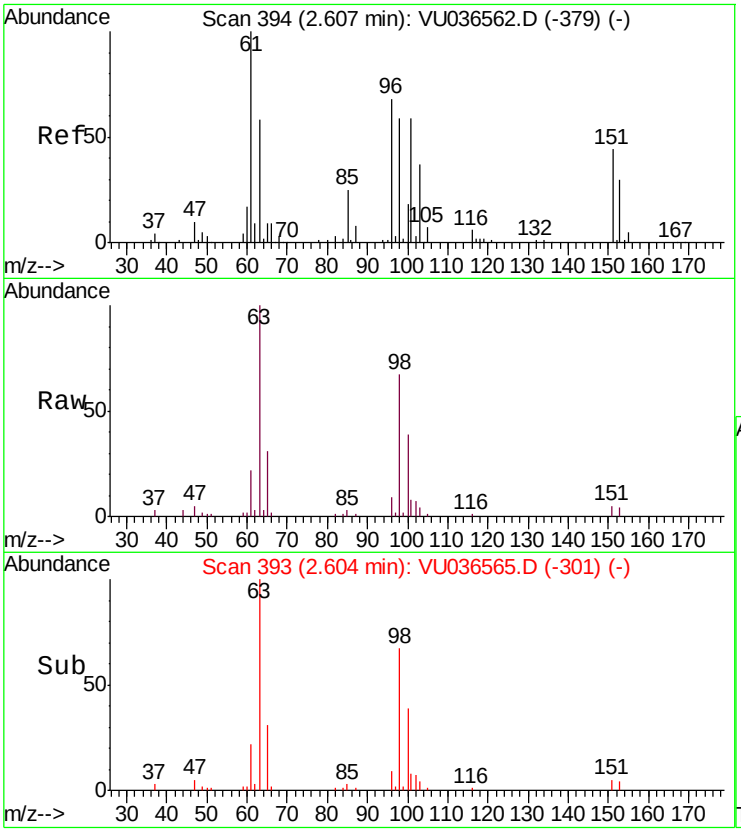


#9
Trichlorofluoromethane
Concen: 0.237 ug/L
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:101 Resp: 3655

Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.5	78.7



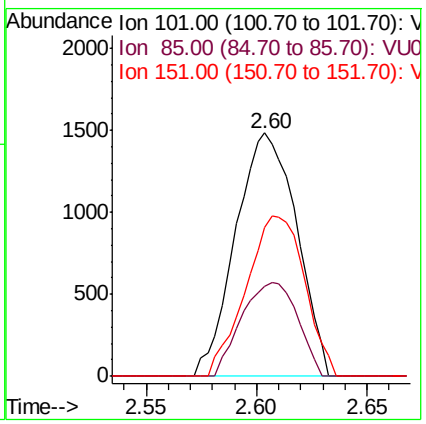


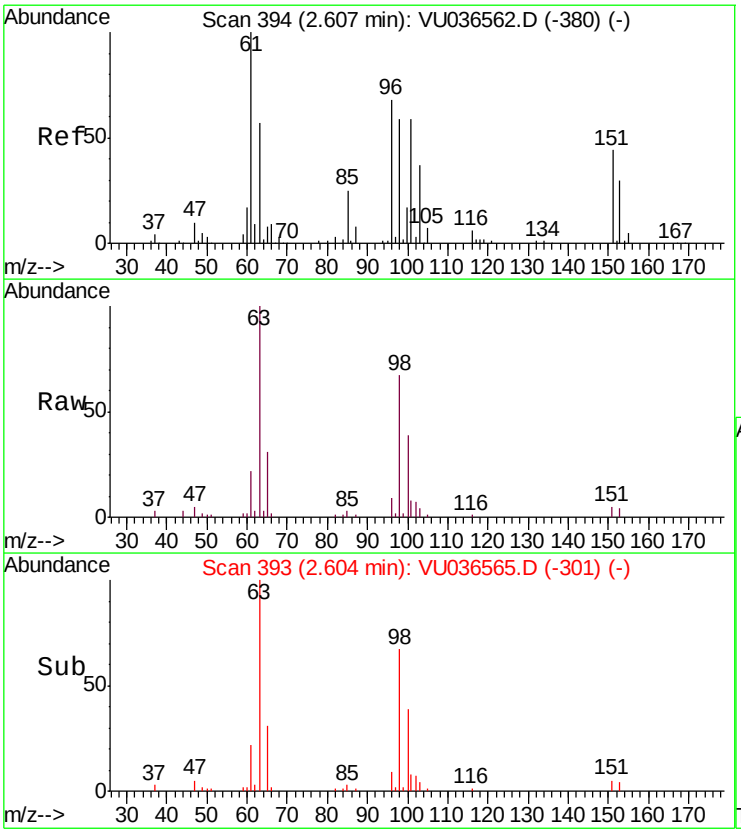
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.298 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:101 Resp: 2842

Ion	Ratio	Lower	Upper
101	100		
85	35.3	32.2	48.4
151	63.2	59.2	88.8

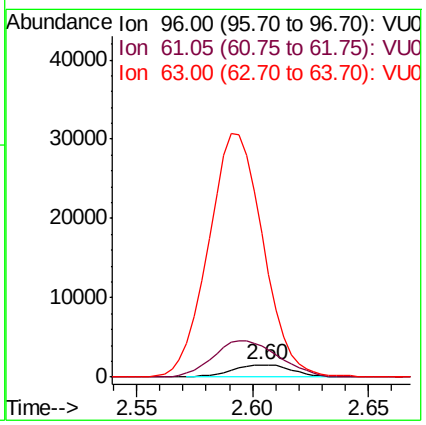


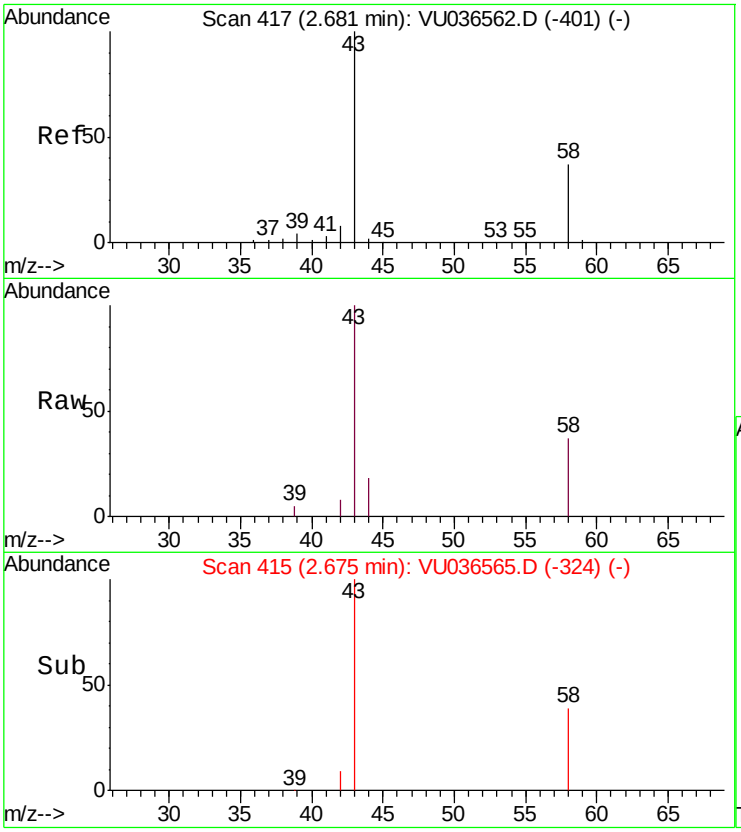


#12
1,1-Dichloroethene
Concen: 0.289 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 96 Resp: 2725

Ion	Ratio	Lower	Upper
96	100		
61	252.6	108.2	201.0#
63	1159.6	72.0	133.8#



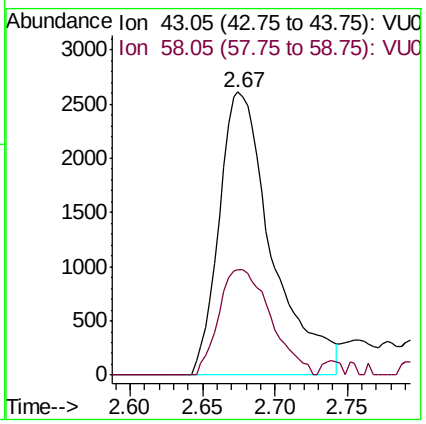


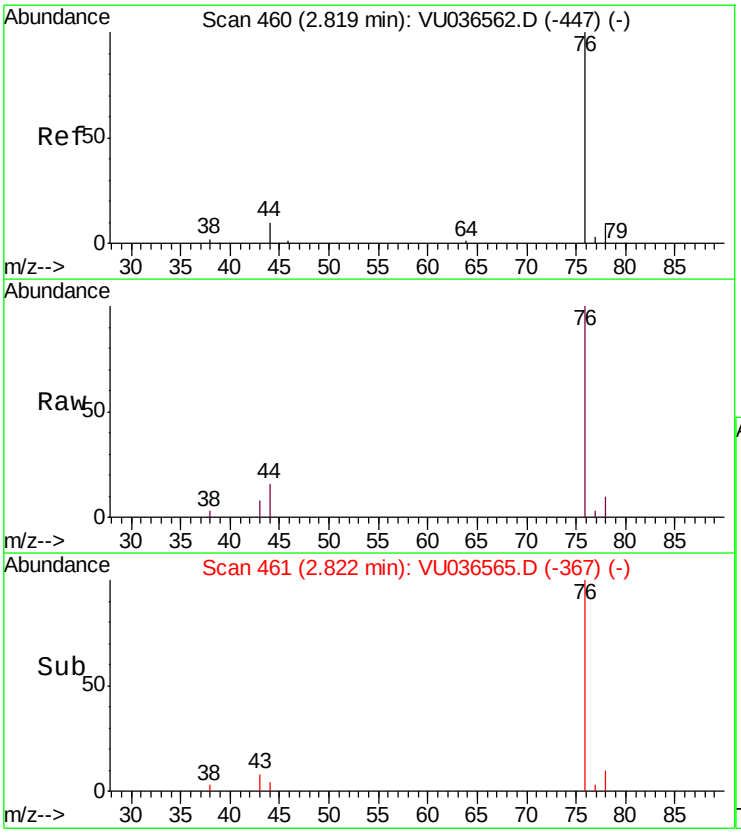
#13
Acetone
Concen: 4.619 ug/L
RT: 2.67 min Scan# 415
Delta R.T. -0.01 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 6588

Ion	Ratio	Lower	Upper
43	100		
58	36.7	0.0	74.0

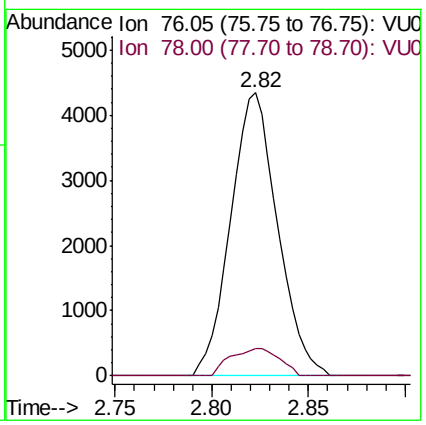


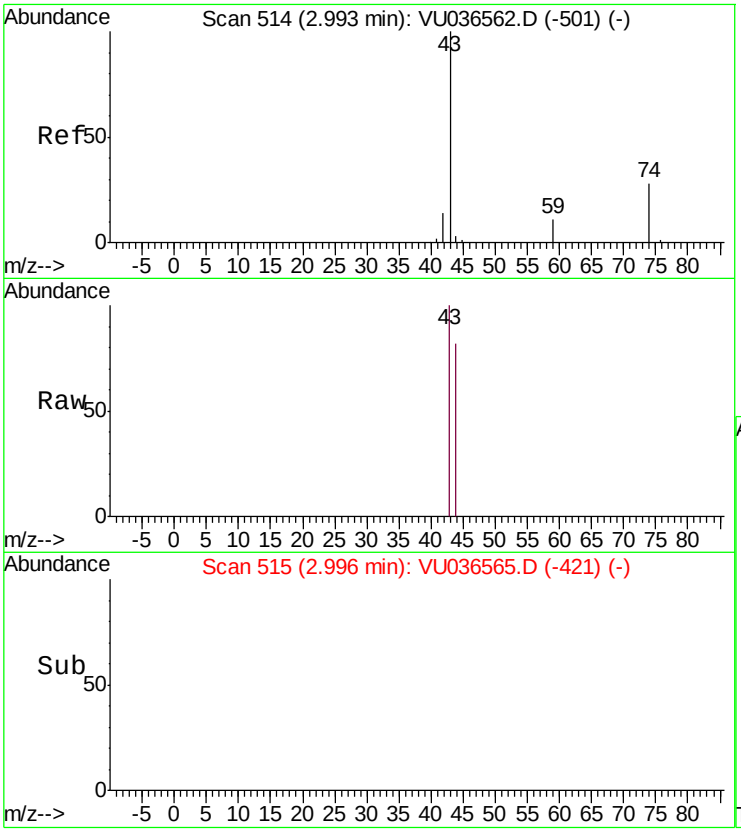


#14
Carbon disulfide
Concen: 0.247 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 76 Resp: 7329

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3



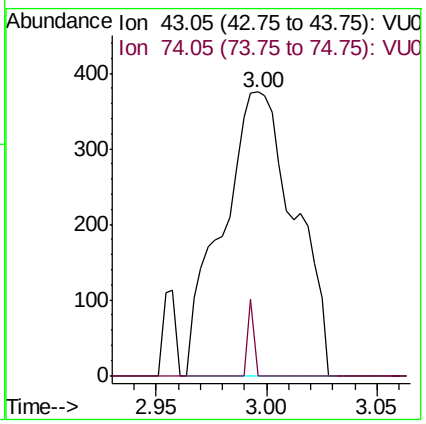


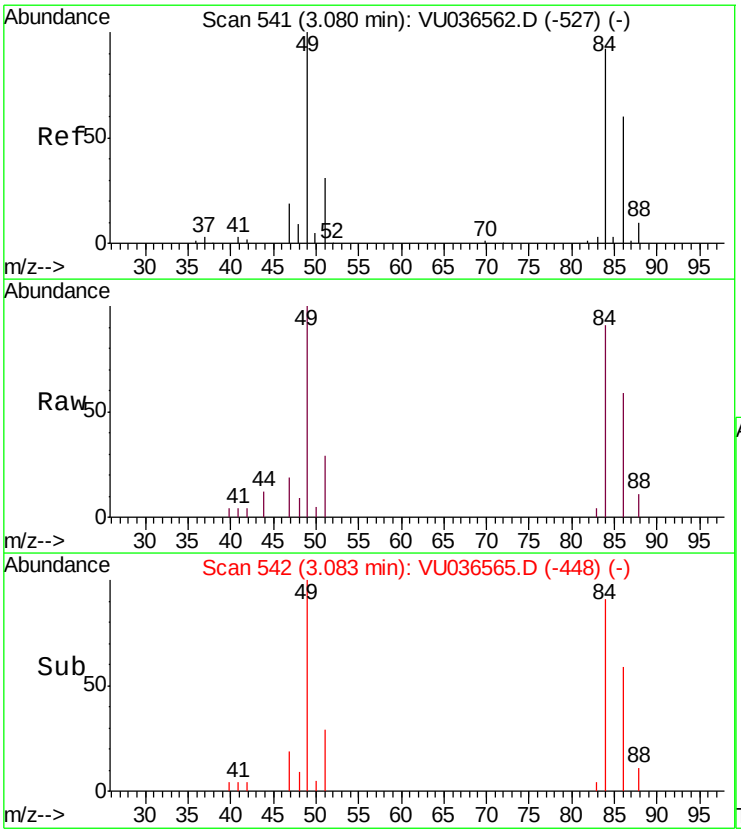
#15
Methyl Acetate
Concen: 0.235 ug/L
RT: 3.00 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 856

Ion	Ratio	Lower	Upper
43	100		
74	2.2	22.7	34.1#

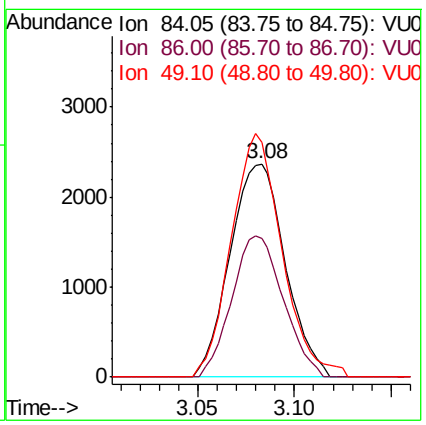


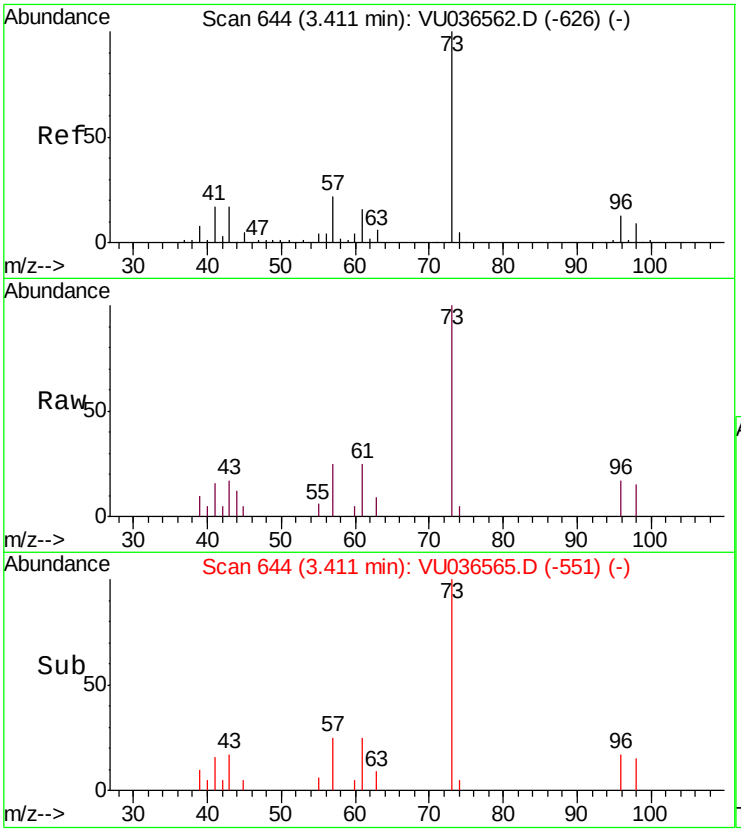


#16
Methylene chloride
Concen: 0.366 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 84 Resp: 4695

Ion	Ratio	Lower	Upper
84	100		
86	65.1	44.8	83.2
49	109.8	74.8	139.0



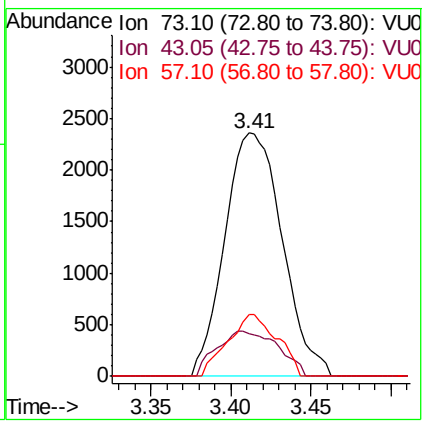


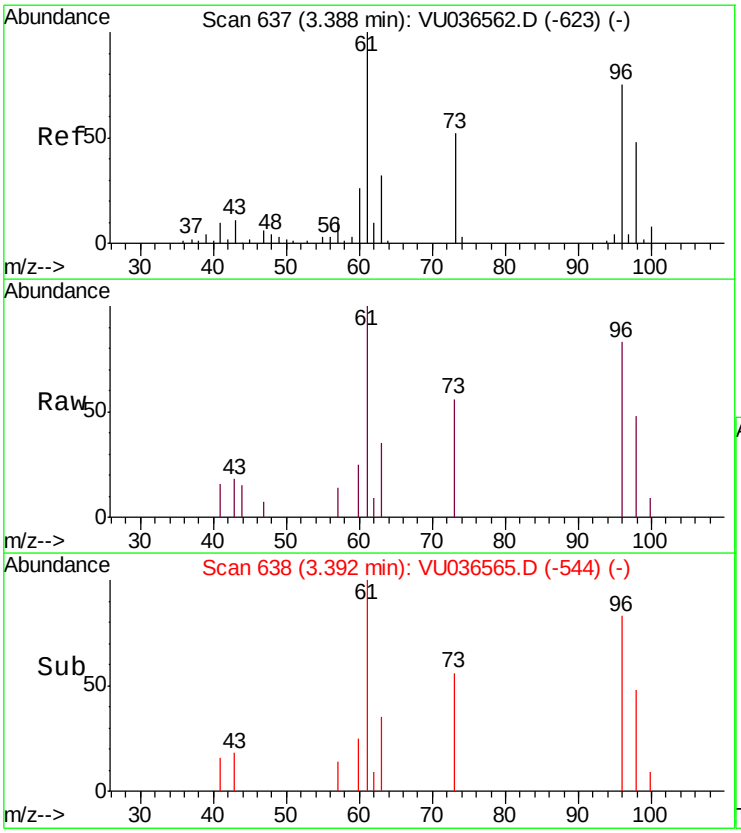
#17
Methyl tert-butyl Ether
Concen: 0.245 ug/L
RT: 3.41 min Scan# 644
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 73 Resp: 5808

Ion	Ratio	Lower	Upper
73	100		
43	19.9	14.6	21.8
57	21.7	17.0	25.6

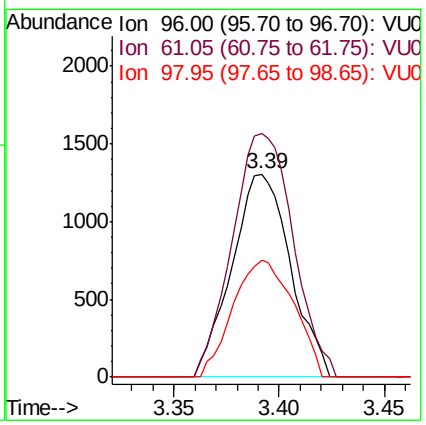


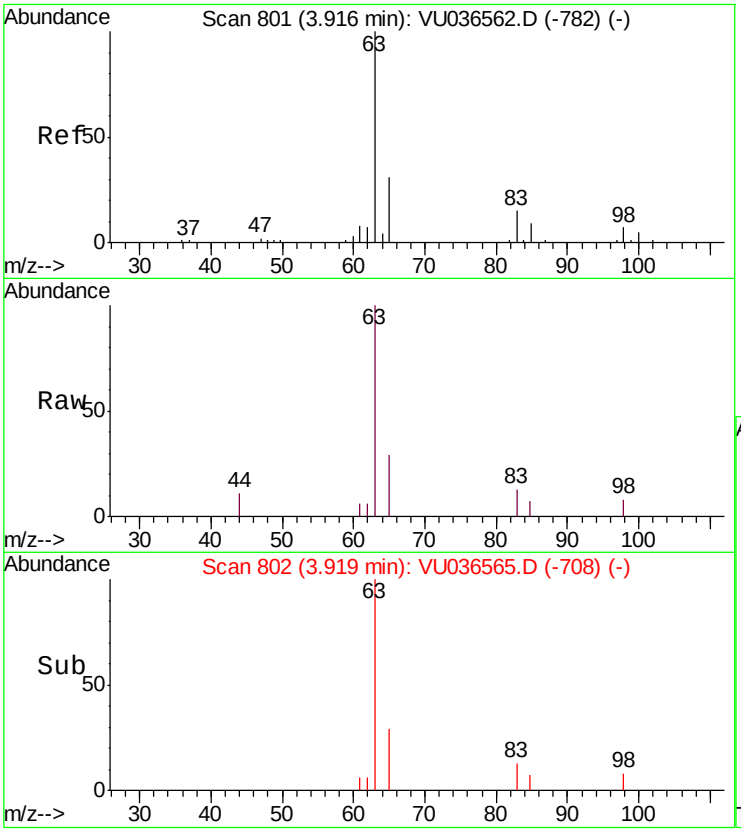


#18
trans-1,2-Dichloroethene
Concen: 0.248 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 96 Resp: 2519

Ion	Ratio	Lower	Upper
96	100		
61	120.1	93.1	172.9
98	57.5	45.5	84.5



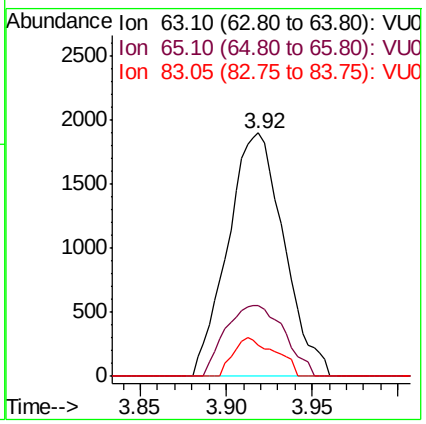


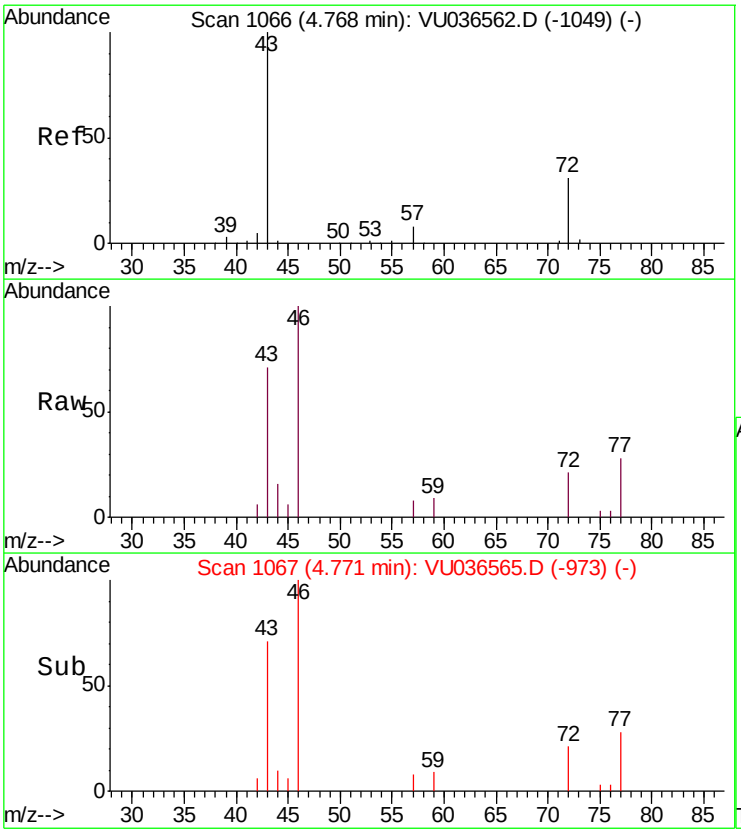
#19
1,1-Dichloroethane
Concen: 0.243 ug/L
RT: 3.92 min Scan# 802
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 4291

Ion	Ratio	Lower	Upper
63	100		
65	29.2	21.8	40.6
83	12.5	9.8	18.2

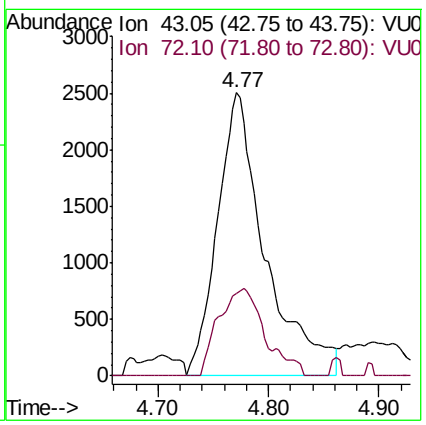


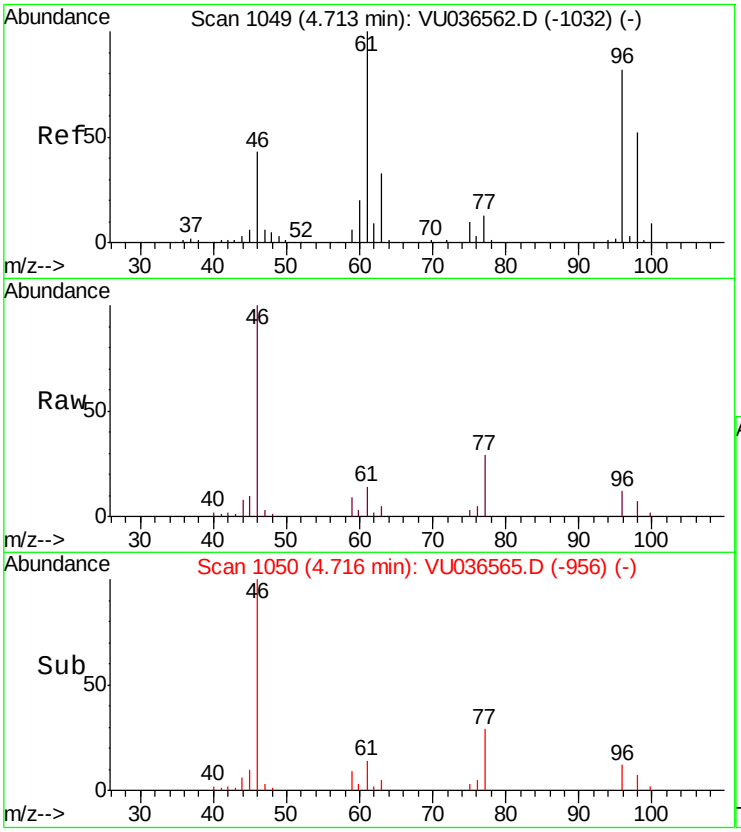


#21
2-Butanone
Concen: 3.254 ug/L
RT: 4.77 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 43 Resp: 7506

Ion	Ratio	Lower	Upper
43	100		
72	30.1	15.4	46.4



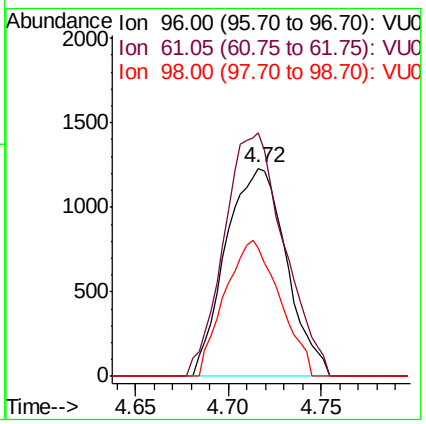


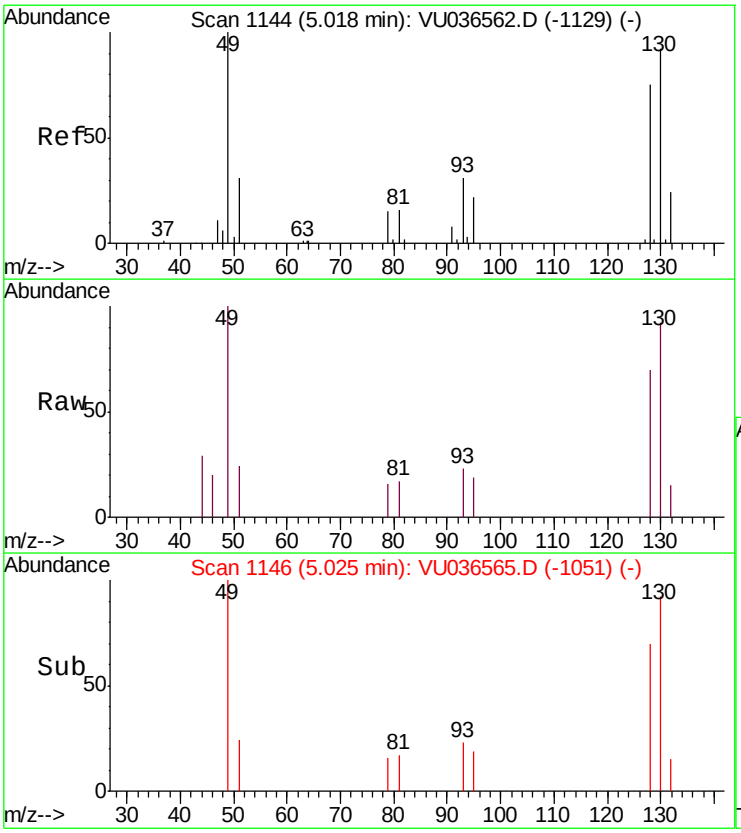
#22
cis-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 96 Resp: 2792

Ion	Ratio	Lower	Upper
96	100		
61	117.1	83.0	154.1
98	61.7	43.8	81.3

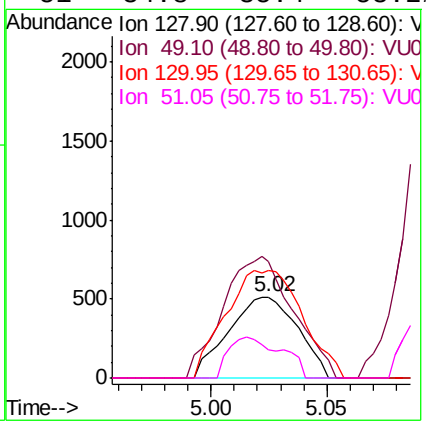


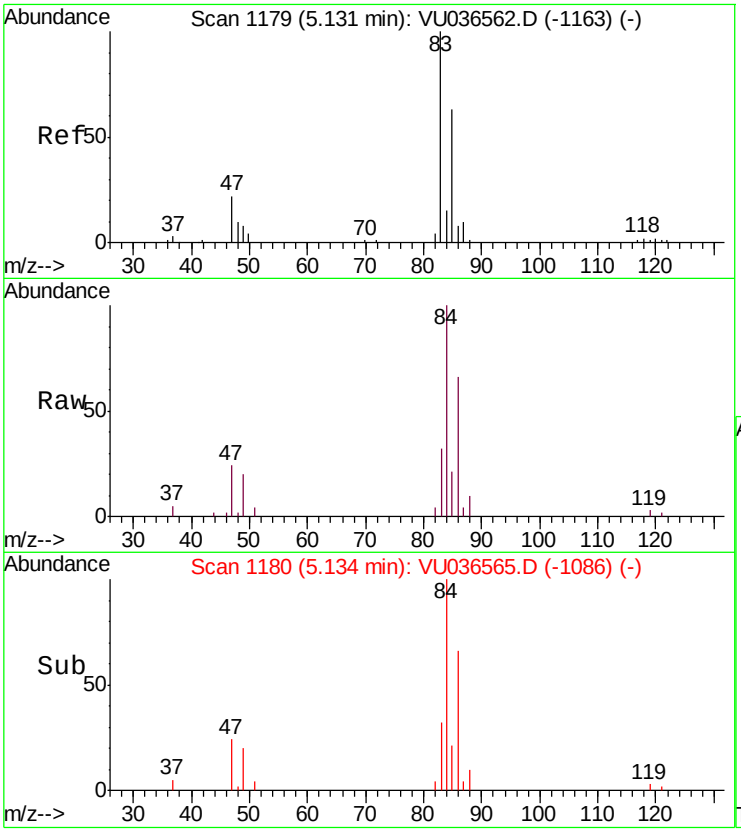


#23
Bromochloromethane
Concen: 0.223 ug/L
RT: 5.02 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:128 Resp: 1061

Ion	Ratio	Lower	Upper
128	100		
49	143.2	98.6	183.2
130	132.3	89.1	165.5
51	34.8	35.4	53.2#



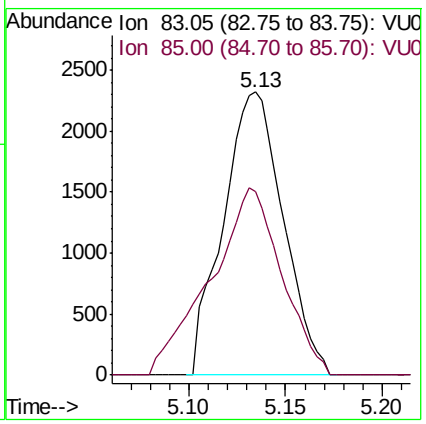


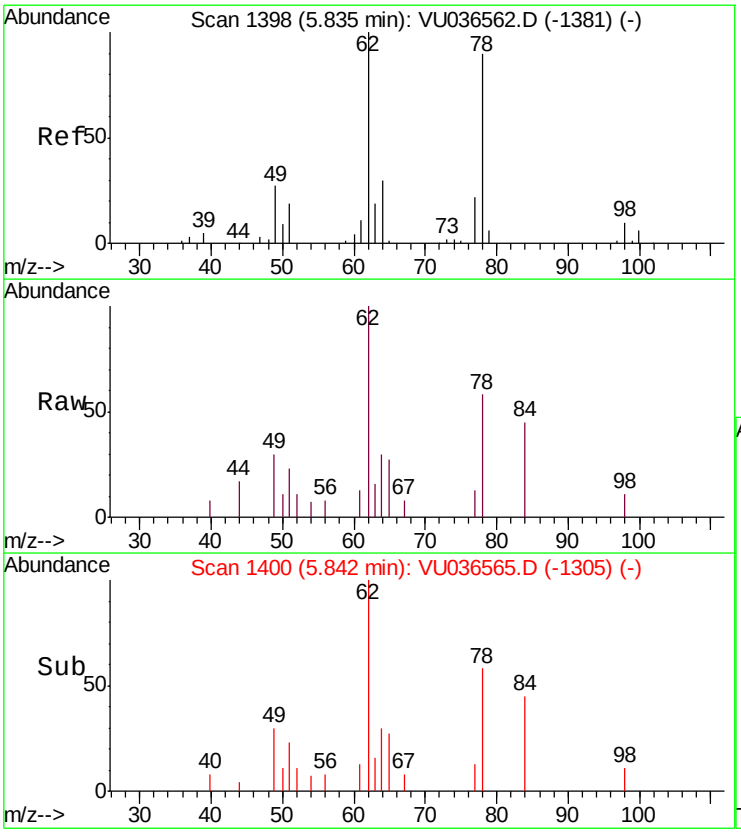
#25
Chloroform
Concen: 0.283 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 4999

Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.7	84.9

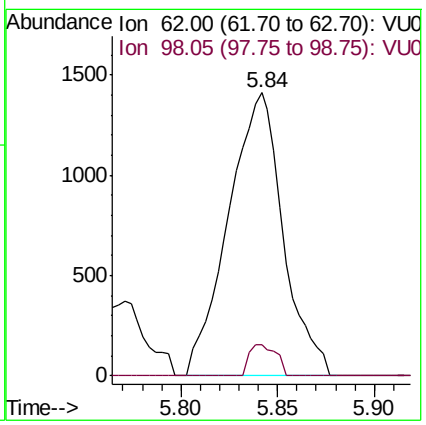


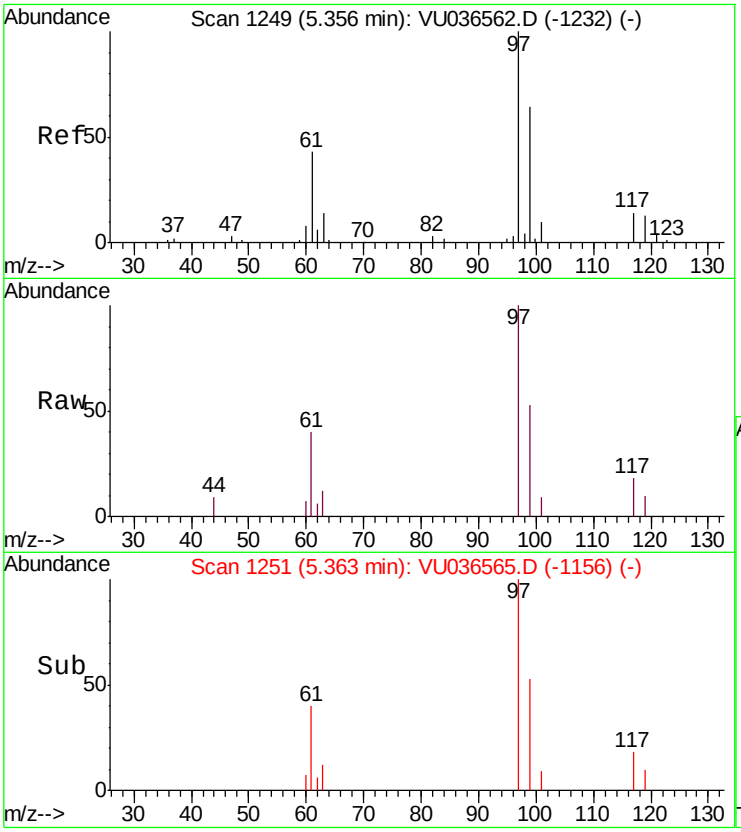


#27
1,2-Dichloroethane
Concen: 0.252 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. 0.01 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 62 Resp: 2786

Ion	Ratio	Lower	Upper
62	100		
98	10.9	8.5	12.7



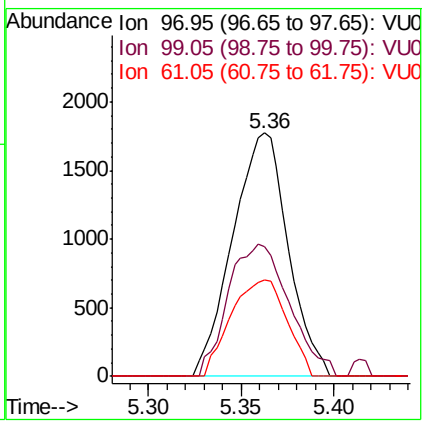


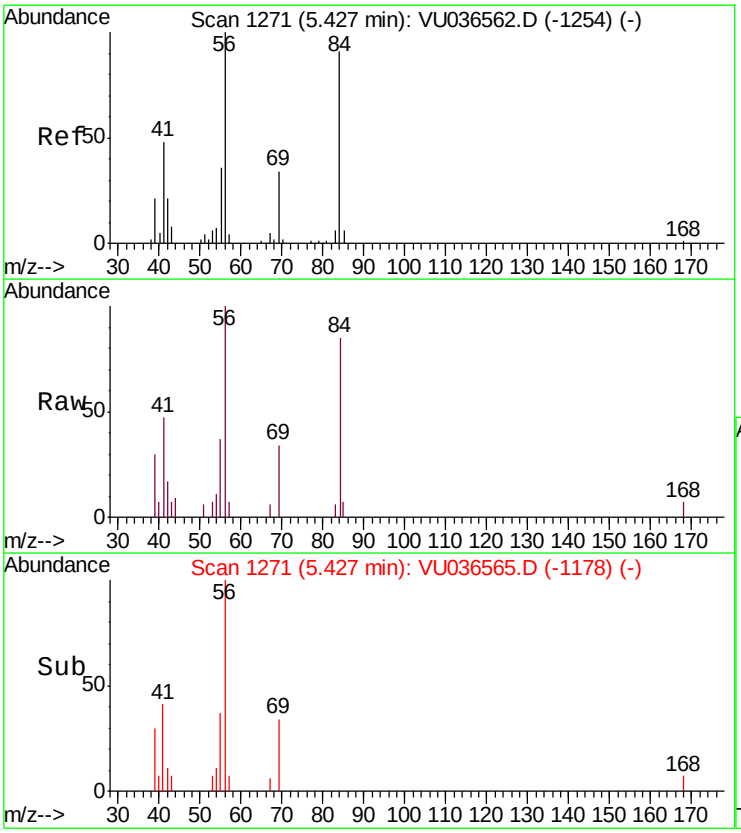
#29
1,1,1-Trichloroethane
Concen: 0.248 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.01 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 97 Resp: 3684

Ion	Ratio	Lower	Upper
97	100		
99	60.0	52.0	78.0
61	40.1	35.6	53.4

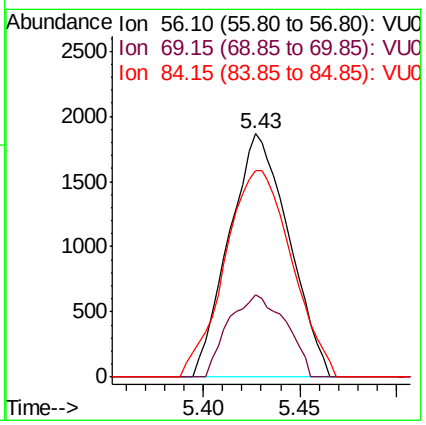


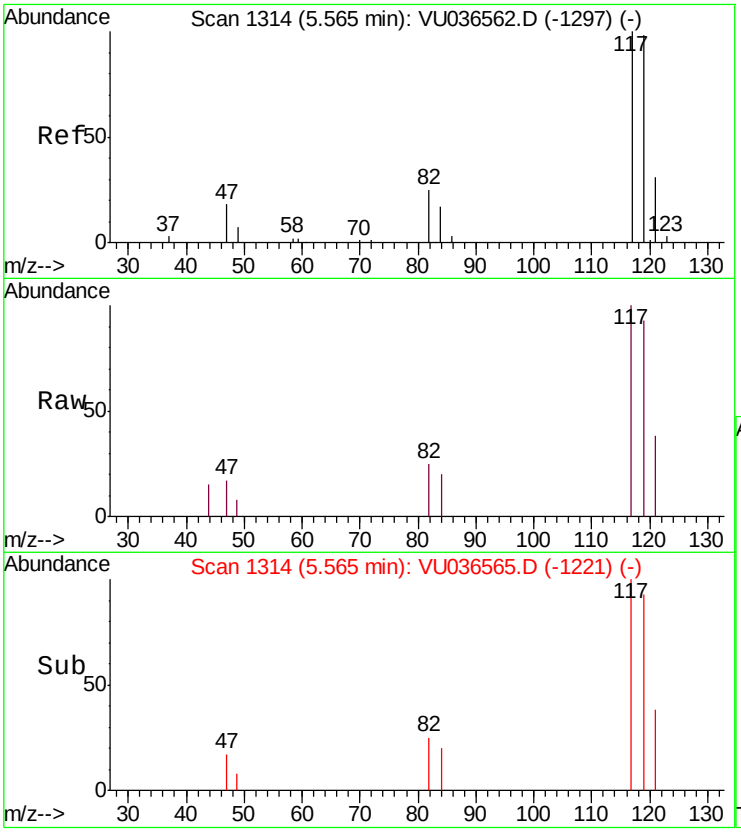


#30
Cyclohexane
Concen: 0.236 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 56 Resp: 4002

Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.7	38.5
84	94.9	75.3	112.9



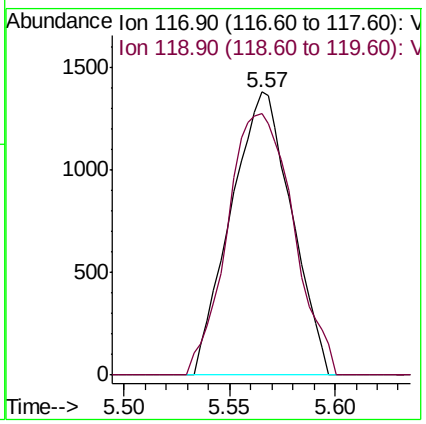


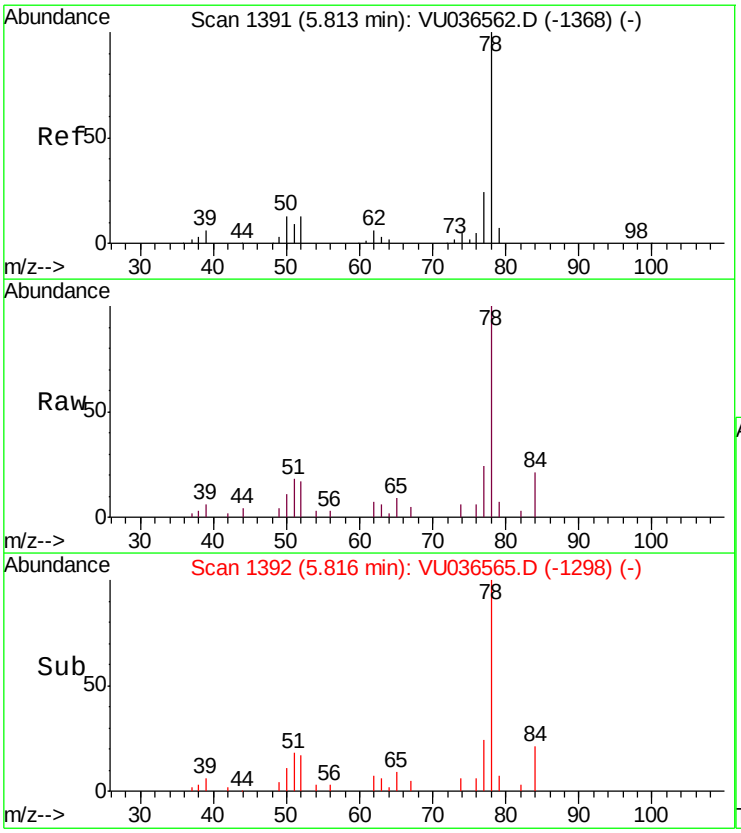
#31
Carbon tetrachloride
Concen: 0.219 ug/L
RT: 5.57 min Scan# 1314
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:117 Resp: 2759

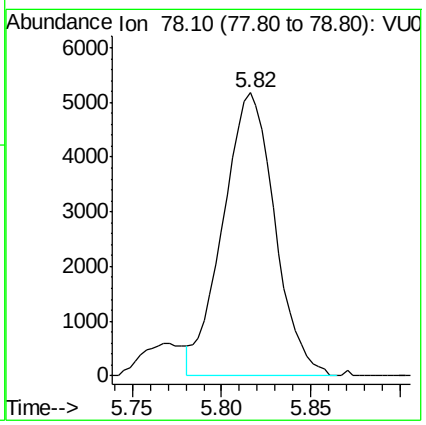
Ion	Ratio	Lower	Upper
117	100		
119	100.8	76.3	114.5

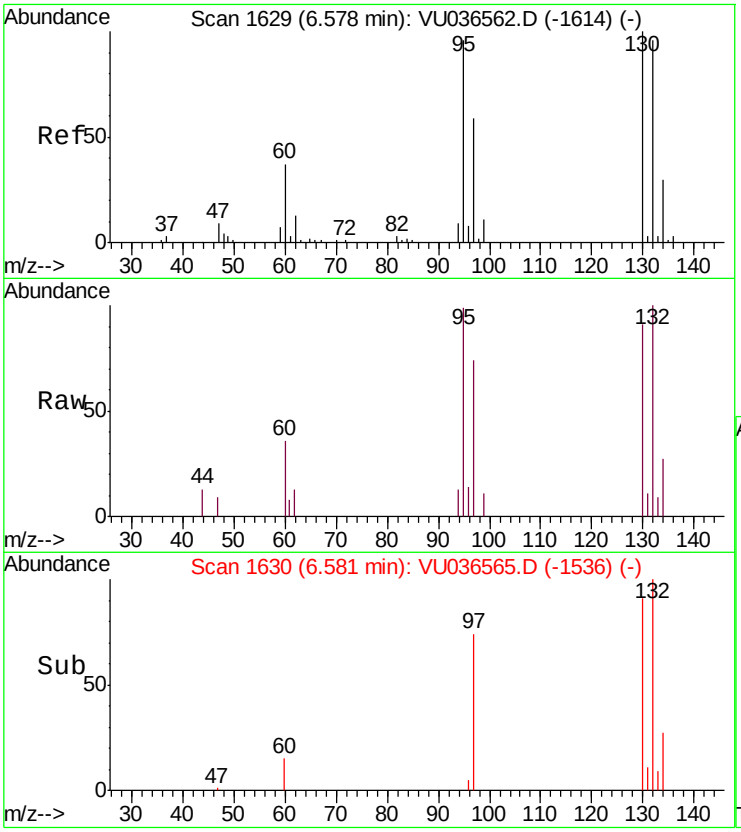




#33
Benzene
Concen: 0.250 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 78 Resp: 10464



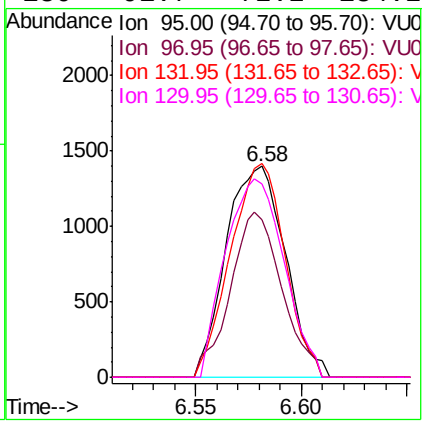


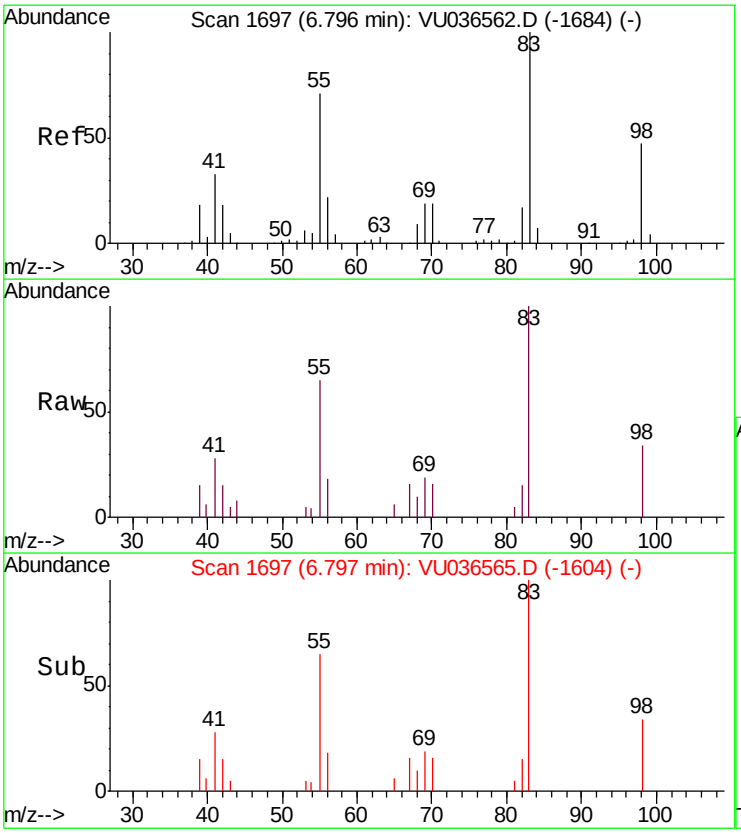
#34
Trichloroethene
Concen: 0.246 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 95 Resp: 2726

Ion	Ratio	Lower	Upper
95	100		
97	74.6	45.6	84.8
132	101.2	67.7	125.7
130	91.7	72.2	134.2

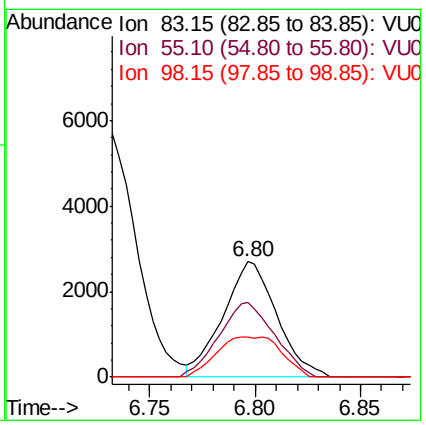


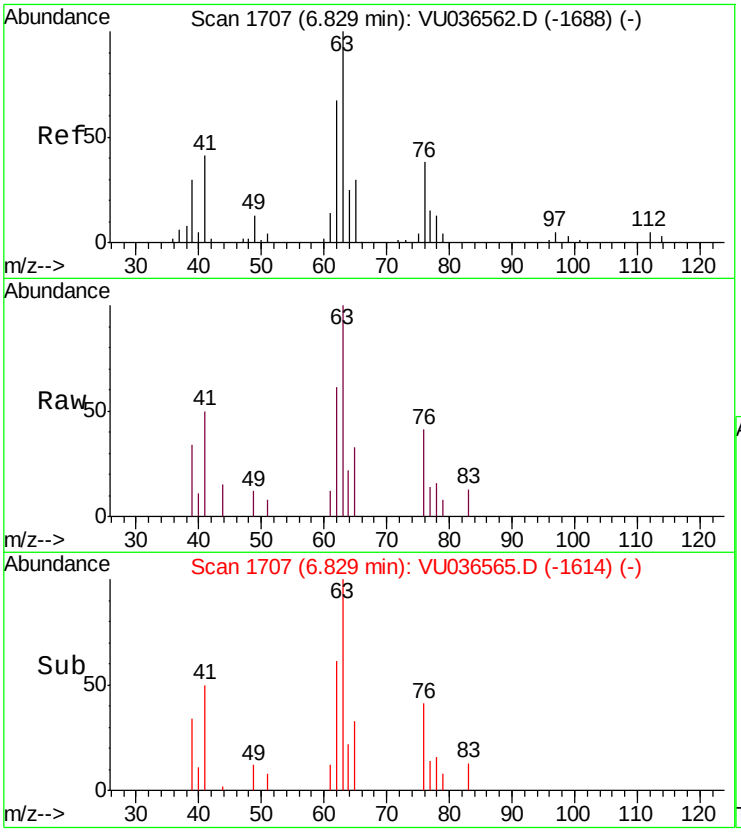


#35
Methylcyclohexane
Concen: 0.252 ug/L
RT: 6.80 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 83 Resp: 4775

Ion	Ratio	Lower	Upper
83	100		
55	66.9	56.9	85.3
98	41.9	36.9	55.3



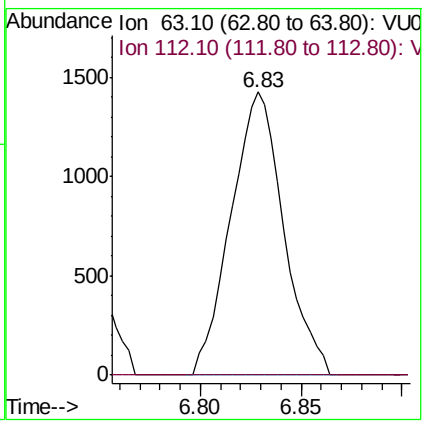


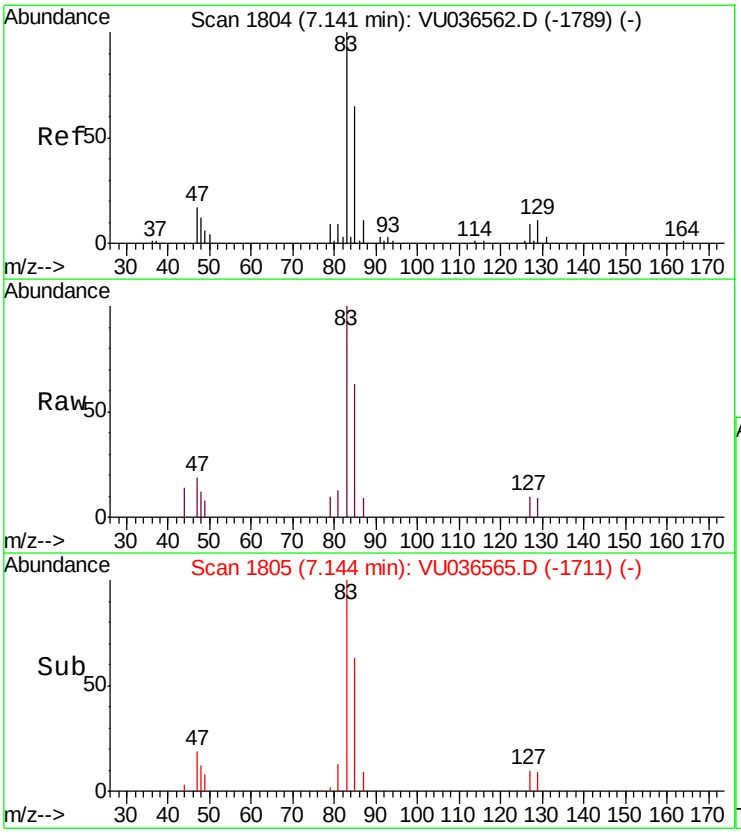
#37
1,2-Dichloropropane
Concen: 0.251 ug/L
RT: 6.83 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 2603

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#

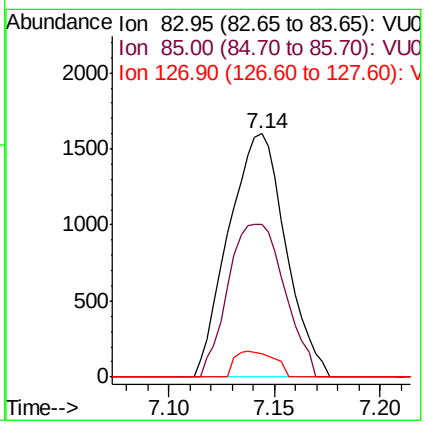


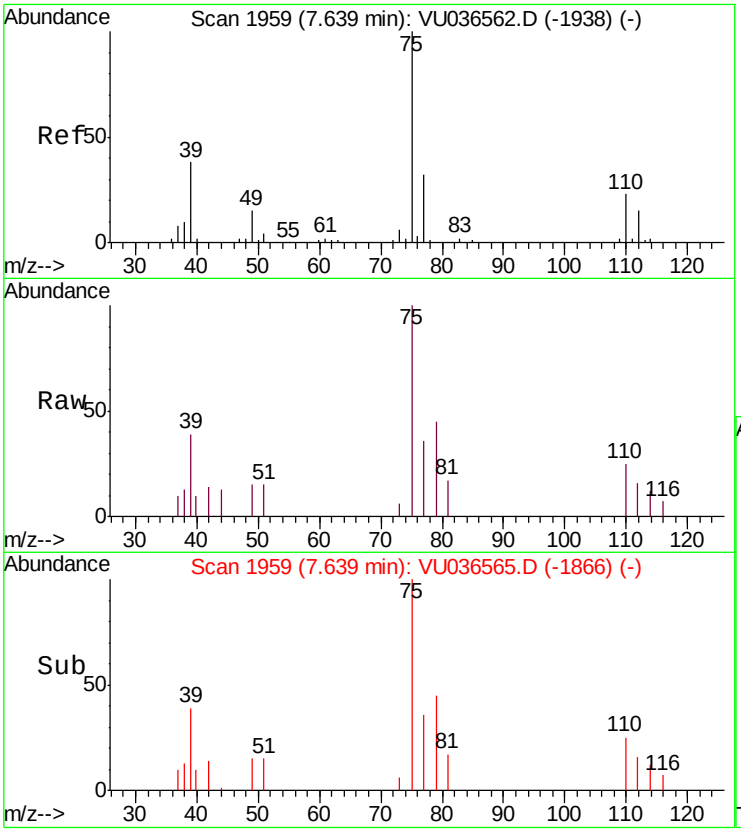


#38
Bromodichloromethane
Concen: 0.237 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 83 Resp: 3013

Ion	Ratio	Lower	Upper
83	100		
85	62.6	44.7	82.9
127	9.6	7.2	10.8



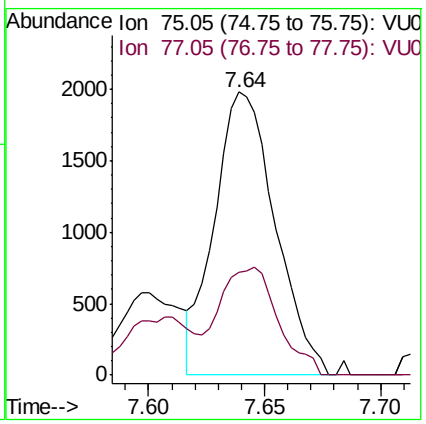


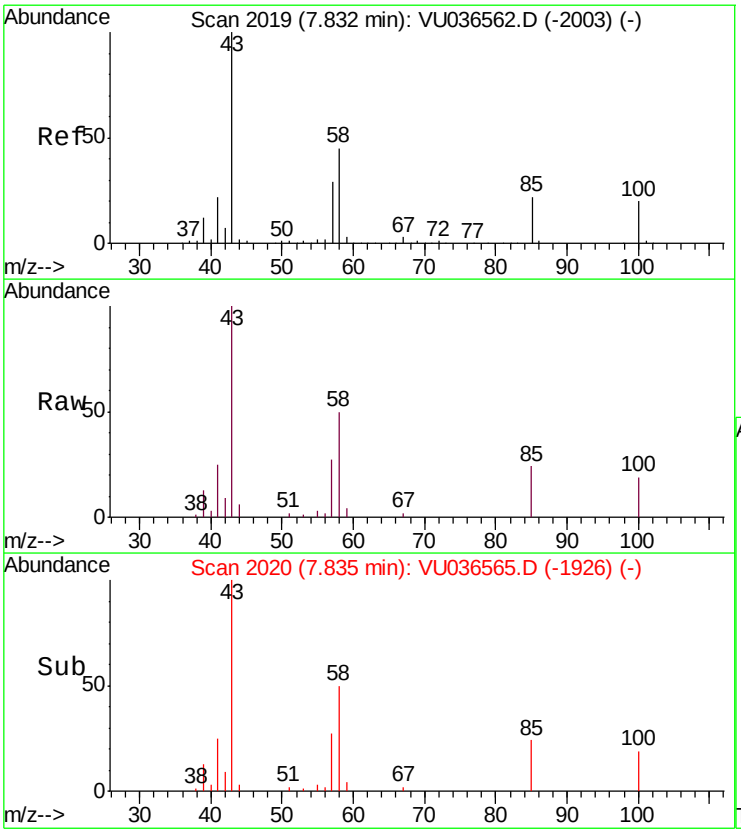
#39
cis-1,3-Dichloropropene
Concen: 0.225 ug/L
RT: 7.64 min Scan# 1959
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 75 Resp: 3606

Ion	Ratio	Lower	Upper
75	100		
77	36.1	22.3	41.5

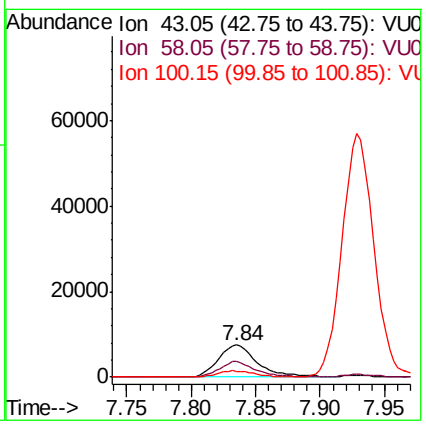


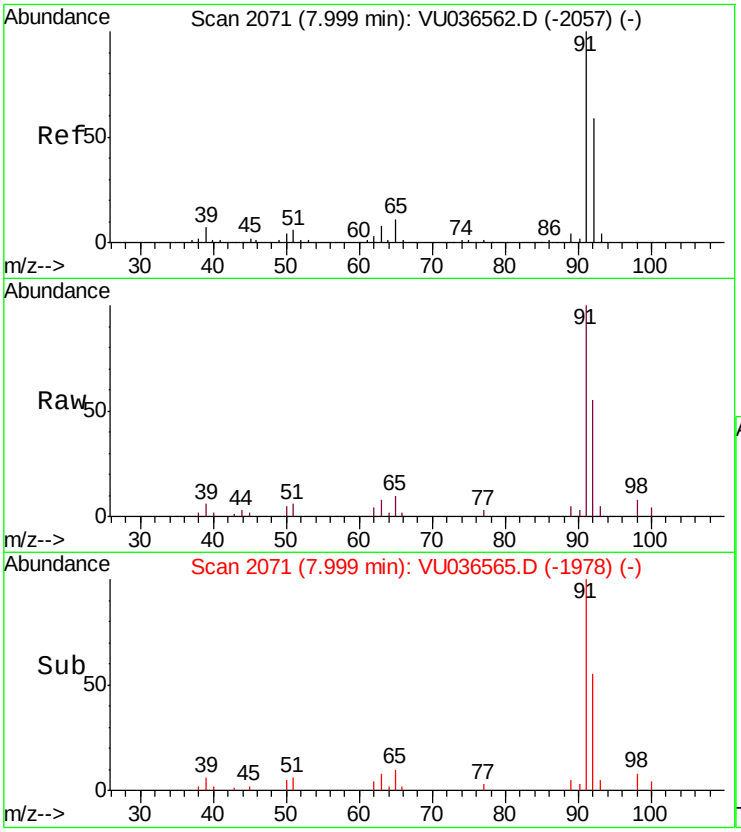


#40
4-Methyl-2-pentanone
Concen: 2.707 ug/L
RT: 7.84 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 43 Resp: 15818

Ion	Ratio	Lower	Upper
43	100		
58	45.6	35.6	53.4
100	0.0	14.9	22.3#



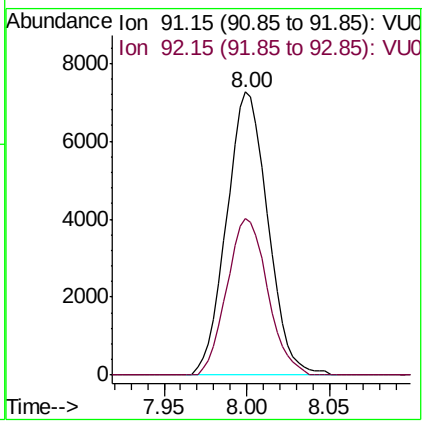


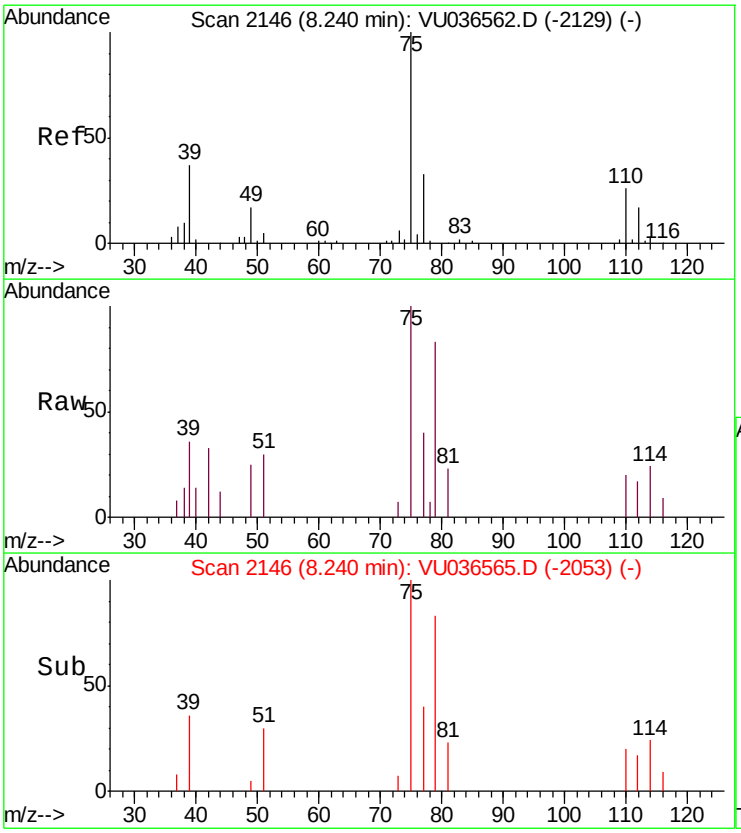
#42
Toluene
Concen: 0.273 ug/L
RT: 8.00 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 12589

Ion	Ratio	Lower	Upper
91	100		
92	55.3	40.6	75.4

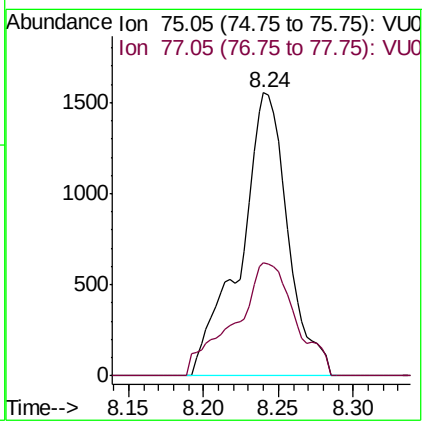


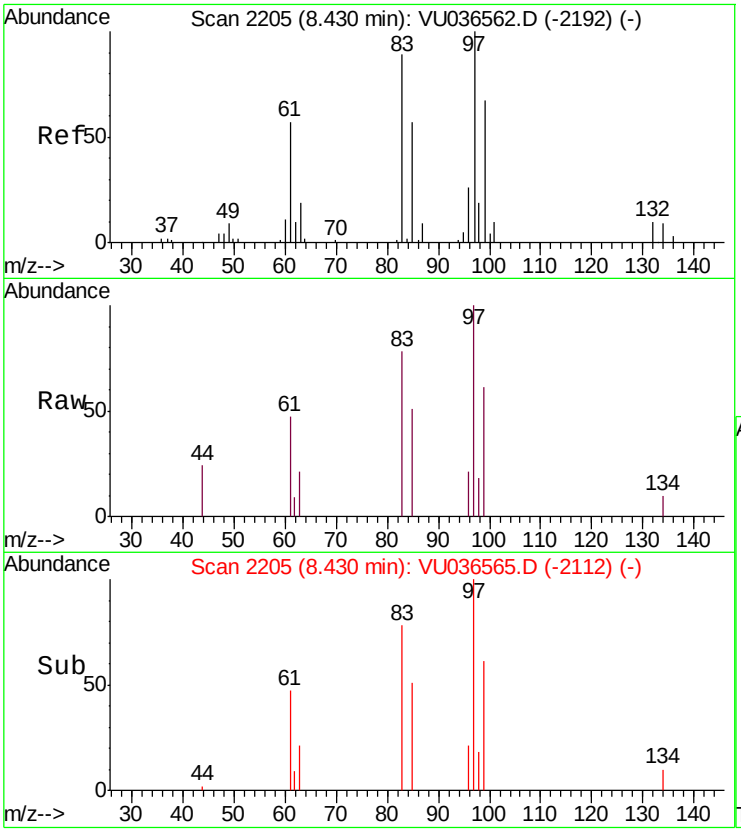


#44
trans-1,3-Dichloropropene
Concen: 0.280 ug/L
RT: 8.24 min Scan# 2146
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 75 Resp: 3450

Ion	Ratio	Lower	Upper
75	100		
77	40.2	22.8	42.4



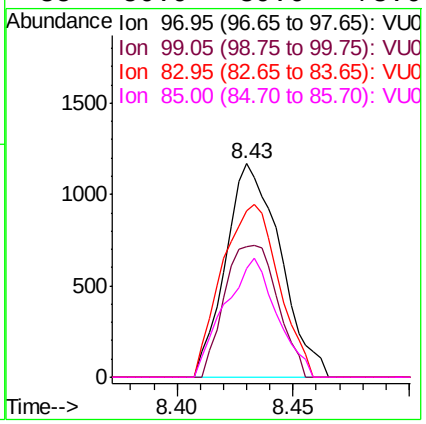


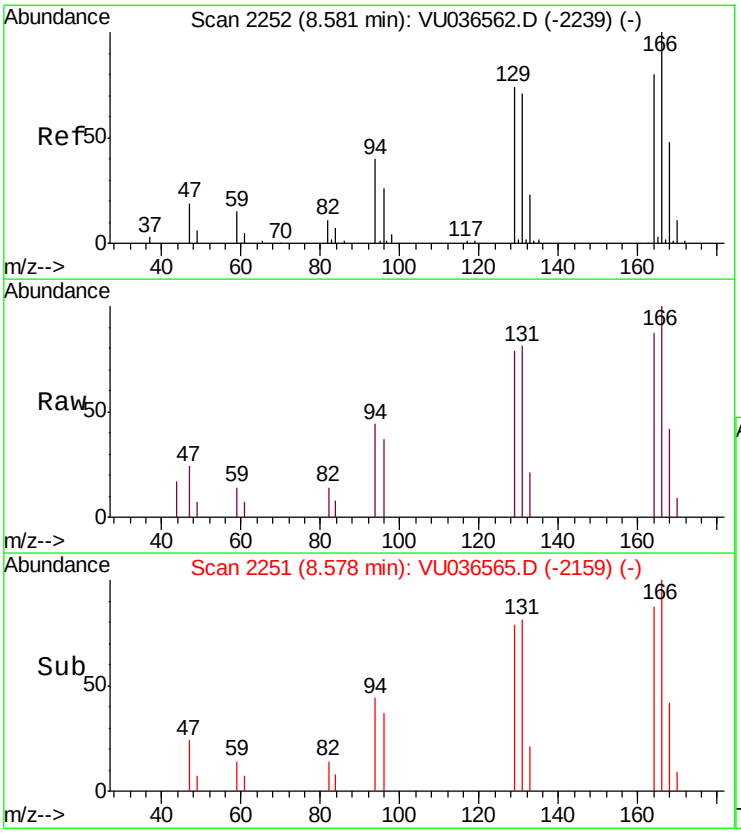
#45
1,1,2-Trichloroethane
Concen: 0.249 ug/L
RT: 8.43 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 97 Resp: 1914

Ion	Ratio	Lower	Upper
97	100		
99	61.1	42.1	78.3
83	77.8	58.4	108.6
85	50.9	39.6	73.6

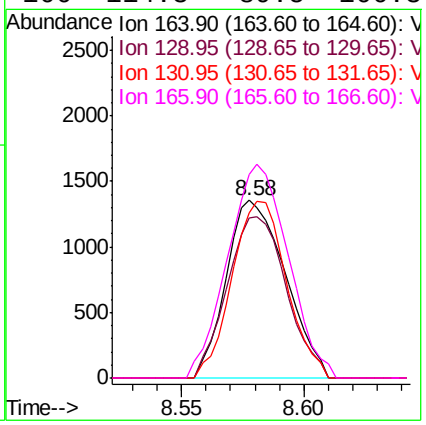


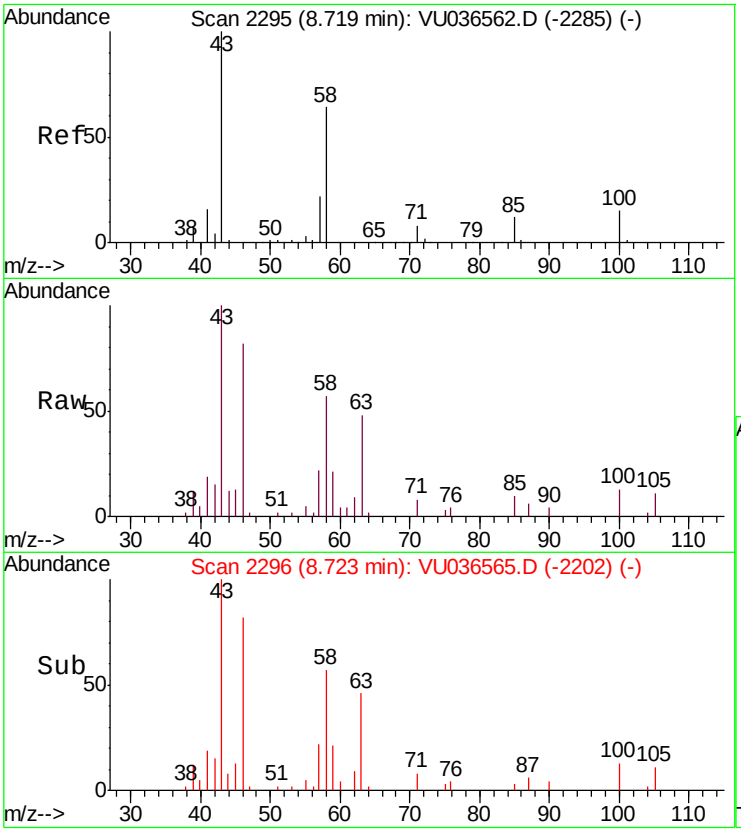


#47
Tetrachloroethene
Concen: 0.253 ug/L
RT: 8.58 min Scan# 2251
Delta R.T. -0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:164 Resp: 2282

Ion	Ratio	Lower	Upper
164	100		
129	90.0	64.7	120.1
131	93.1	64.0	118.8
166	114.3	89.5	166.3



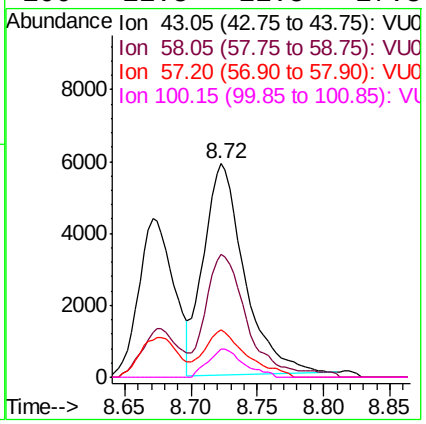


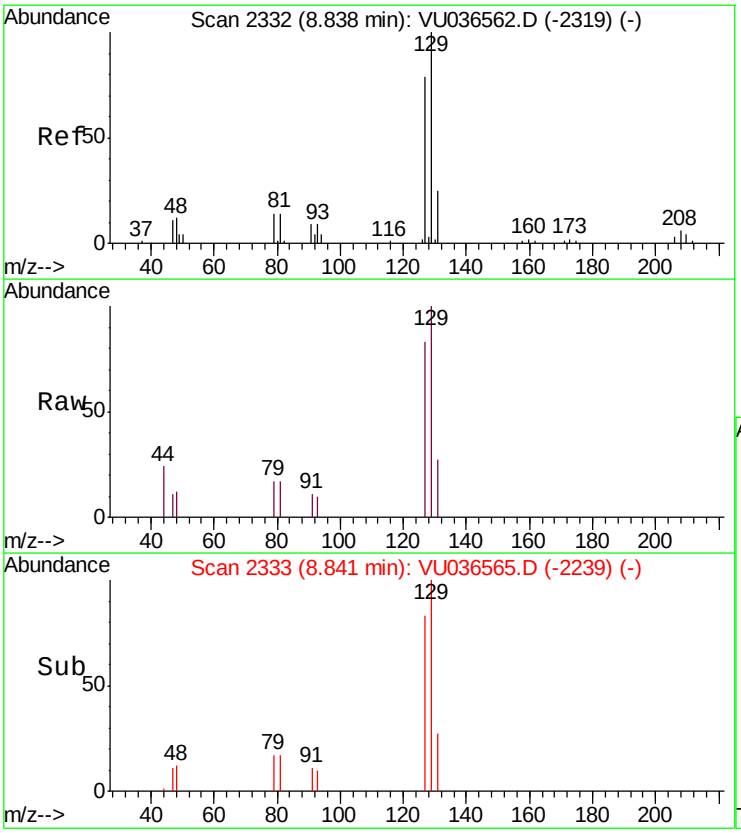
#48
2-Hexanone
Concen: 3.107 ug/L
RT: 8.72 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument : MSVOA_U
ClientSampleId : MDL04

Tgt Ion: 43 Resp: 12526

Ion	Ratio	Lower	Upper
43	100		
58	60.4	50.2	75.2
57	22.9	17.5	26.3
100	11.8	11.5	17.3

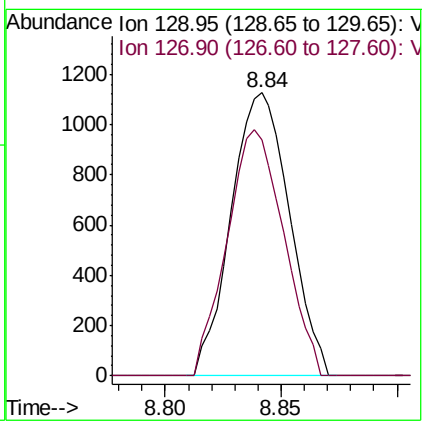


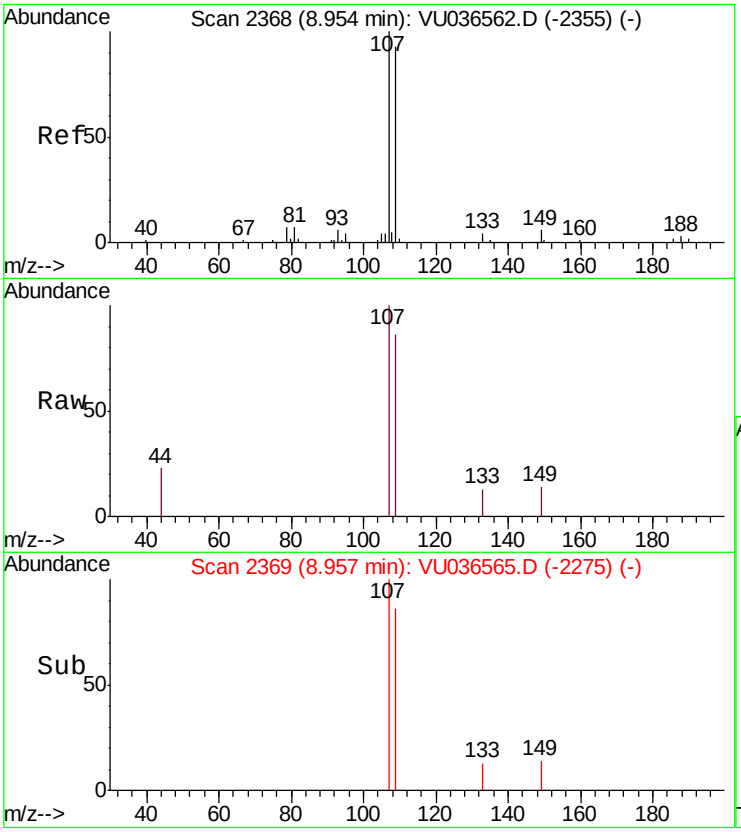


#49
Dibromochloromethane
Concen: 0.224 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:129 Resp: 1968

Ion	Ratio	Lower	Upper
129	100		
127	83.2	54.5	101.3



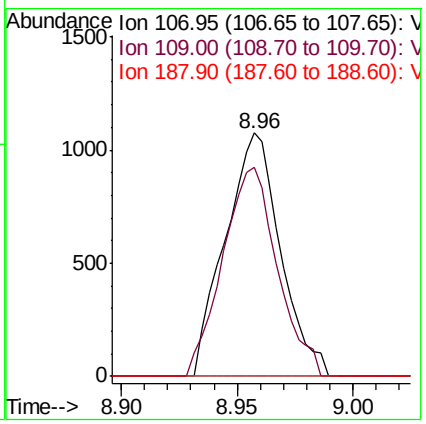


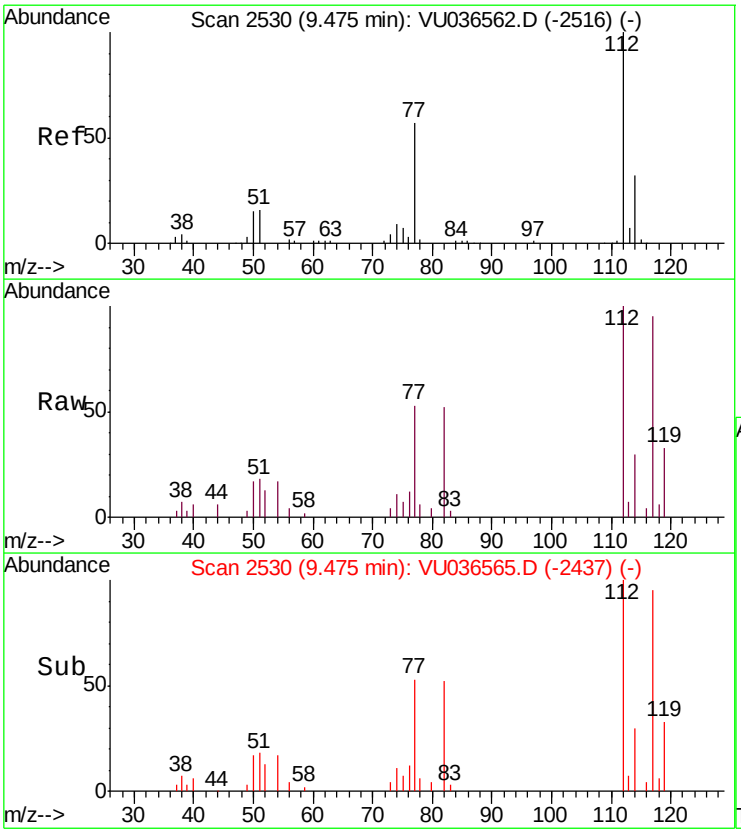
#50
1,2-Dibromoethane
Concen: 0.238 ug/L
RT: 8.96 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:107 Resp: 1779

Ion	Ratio	Lower	Upper
107	100		
109	86.1	64.5	119.9
188	0.0	2.8	4.2#

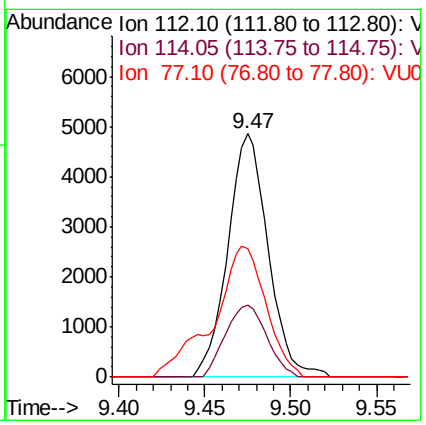


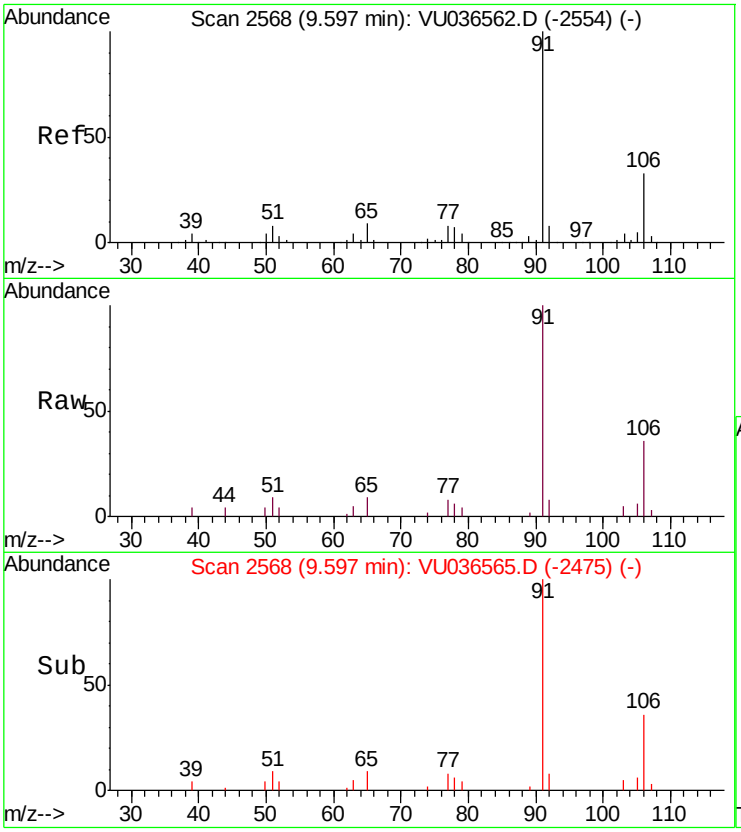


#51
Chlorobenzene
Concen: 0.268 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:112 Resp: 7946

Ion	Ratio	Lower	Upper
112	100		
114	29.5	23.2	43.2
77	52.7	45.9	68.9



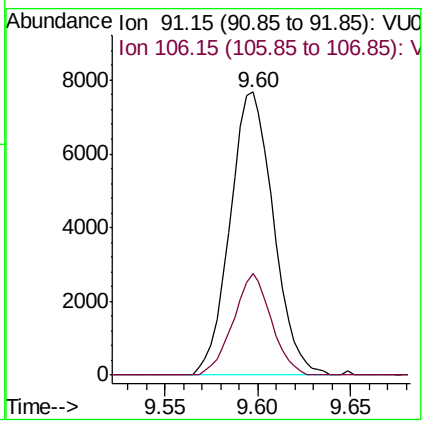


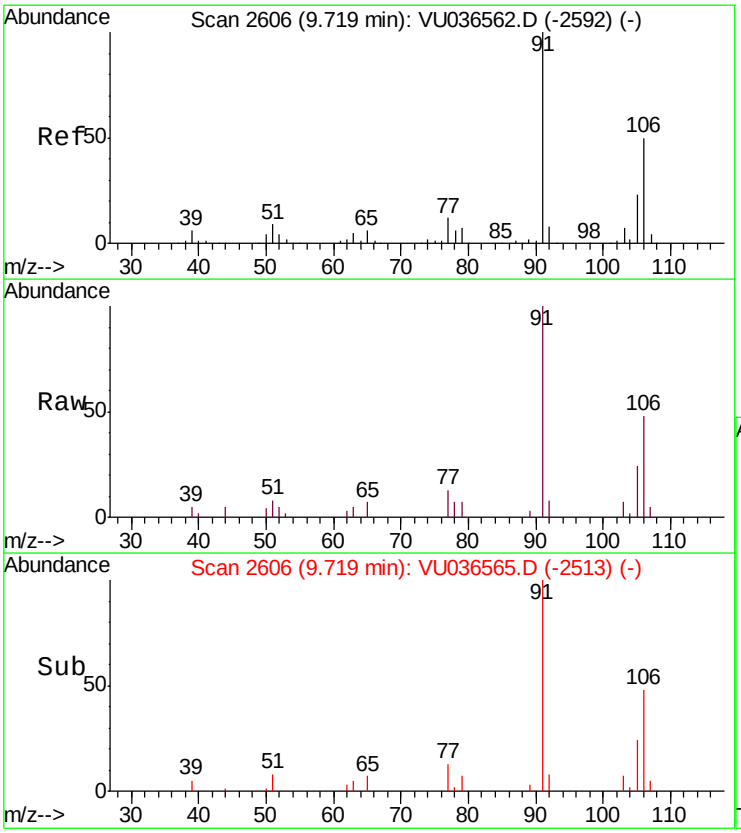
#52
Ethylbenzene
Concen: 0.248 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 12451

Ion	Ratio	Lower	Upper
91	100		
106	35.8	22.3	41.3

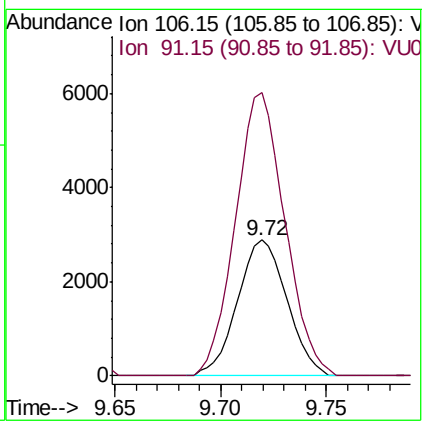


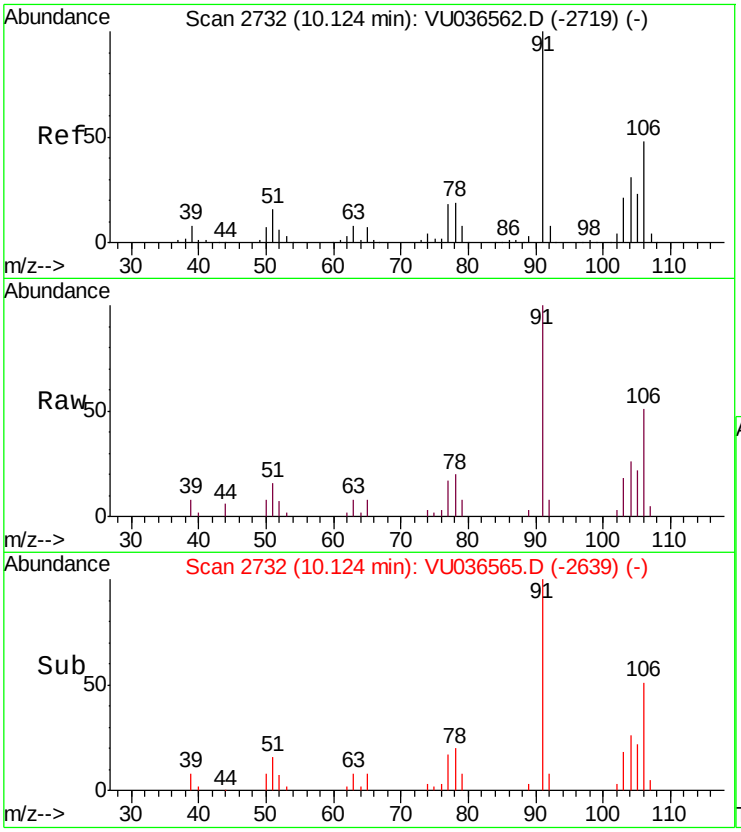


#53
m,p-Xylene
Concen: 0.242 ug/L
RT: 9.72 min Scan# 2606
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:106 Resp: 4716

Ion	Ratio	Lower	Upper
106	100		
91	207.9	141.4	262.6



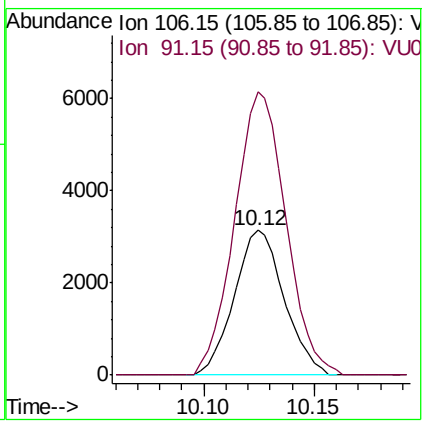


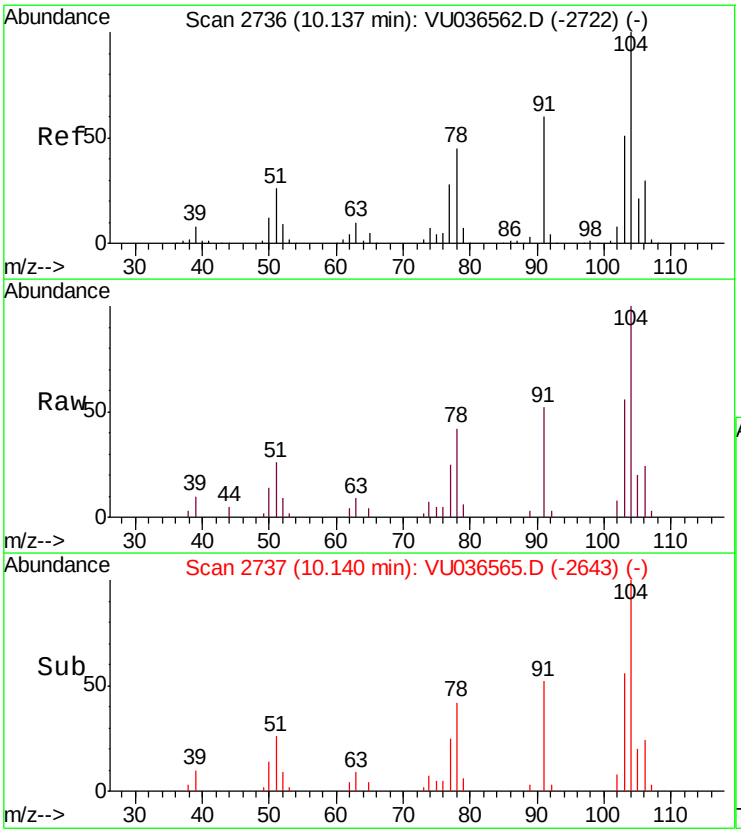
#54
o-Xylene
Concen: 0.258 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 4922

Ion	Ratio	Lower	Upper
106	100		
91	195.2	146.2	271.4

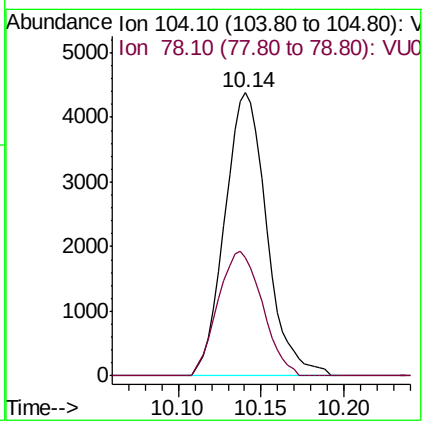


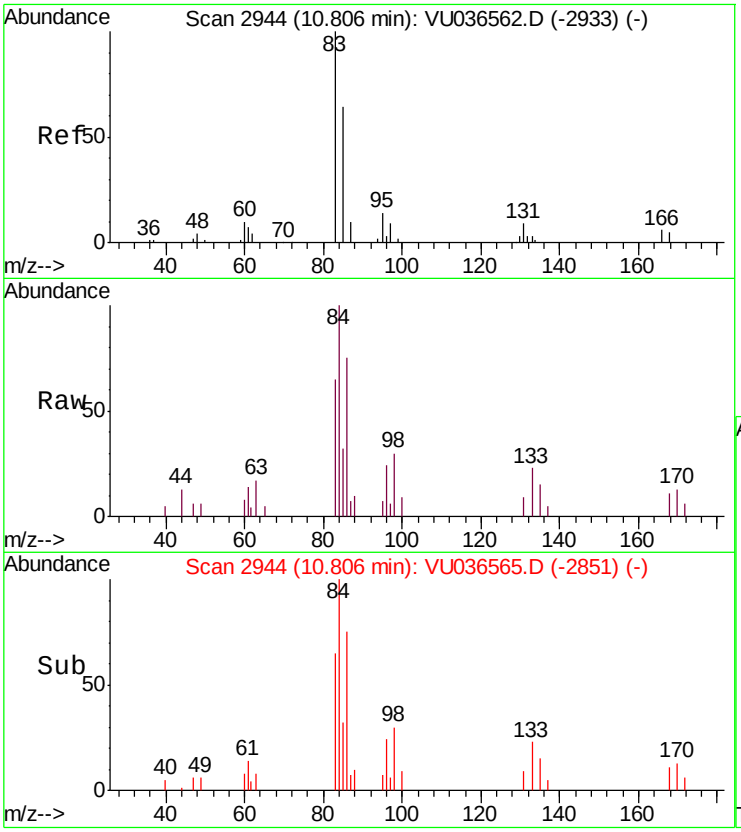


#55
Styrene
Concen: 0.246 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:104 Resp: 7712

Ion	Ratio	Lower	Upper
104	100		
78	41.8	31.9	59.2



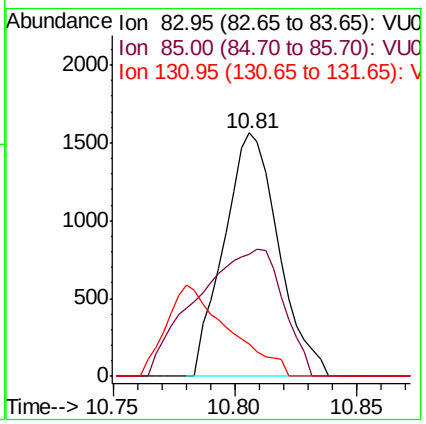


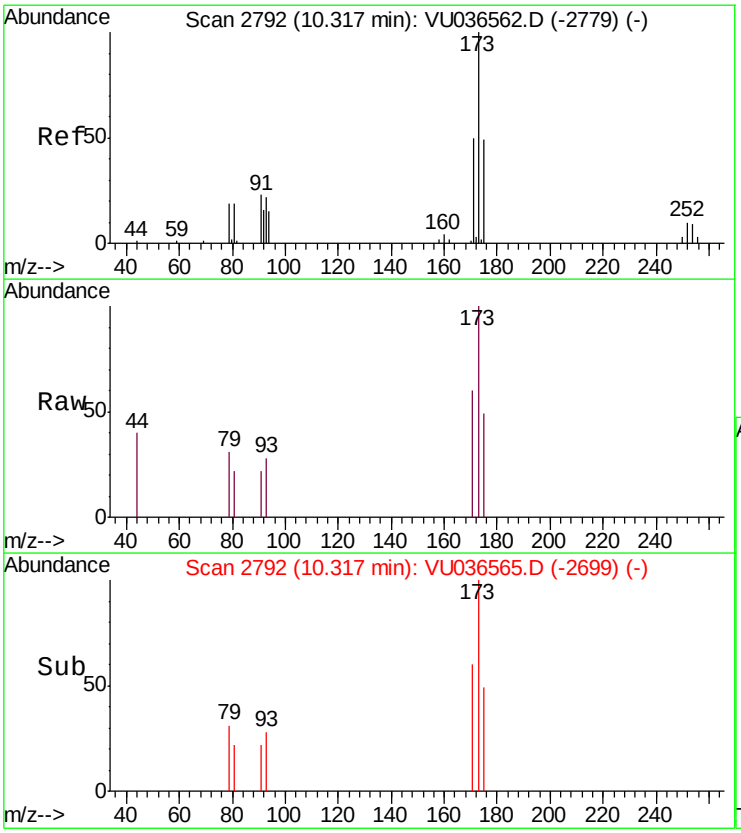
#57
1,1,2,2-Tetrachloroethane
Concen: 0.252 ug/L
RT: 10.81 min Scan# 2944
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 2427

Ion	Ratio	Lower	Upper
83	100		
85	50.0	47.0	87.4
131	13.2	8.1	12.1#

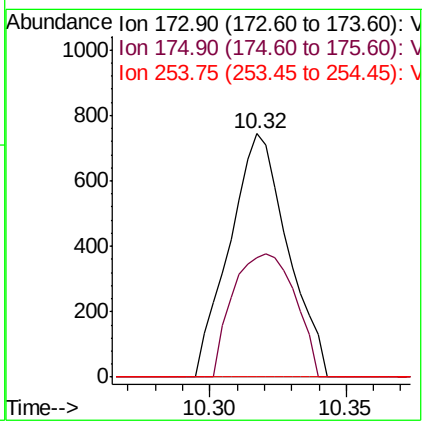


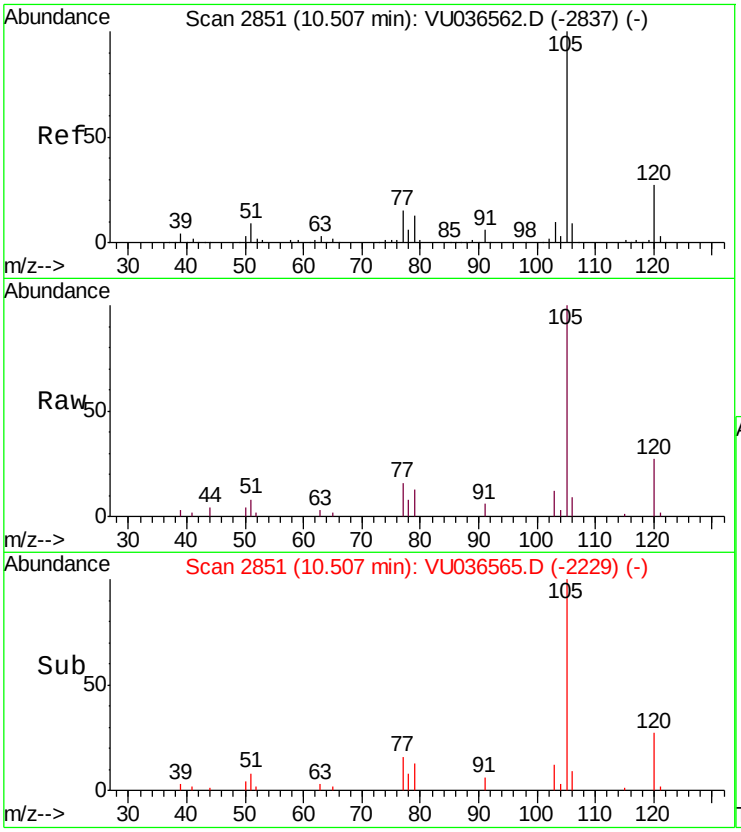


#59
Bromoform
Concen: 0.233 ug/L
RT: 10.32 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:173 Resp: 1099

Ion	Ratio	Lower	Upper
173	100		
175	54.5	39.0	58.4
254	0.0	6.3	9.5#



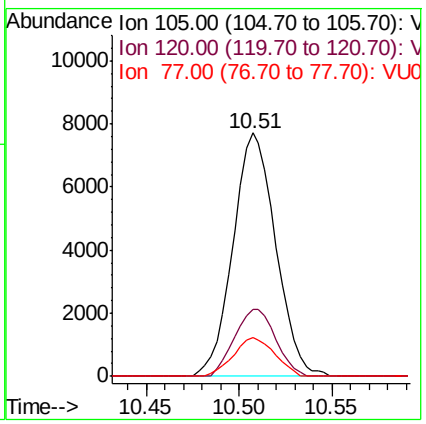


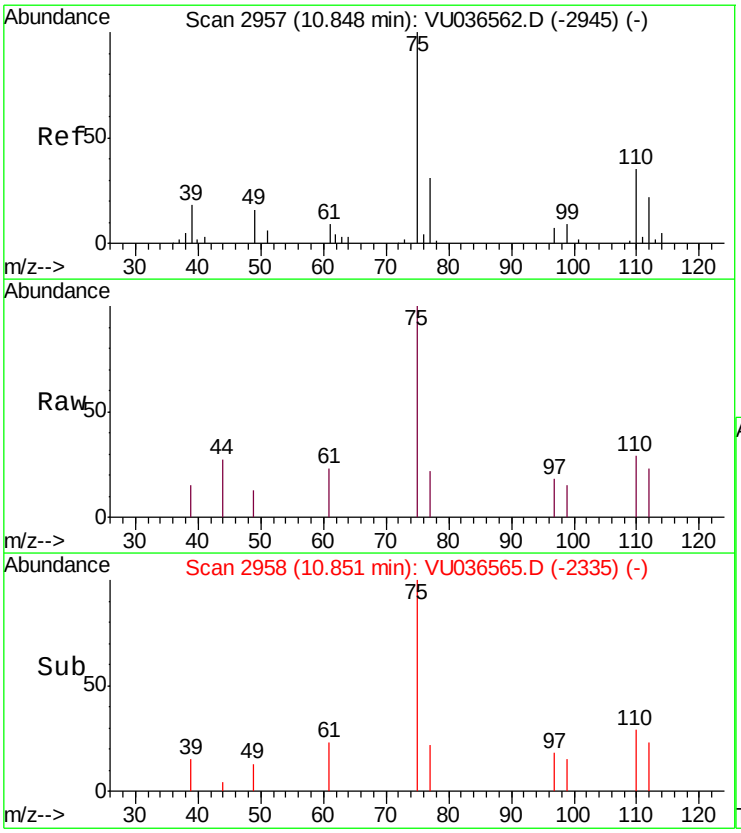
#60
Isopropylbenzene
Concen: 0.260 ug/L
RT: 10.51 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 12319

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.5	32.3
77	15.4	12.2	18.2

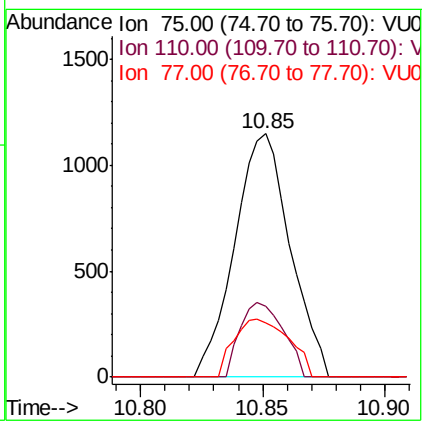


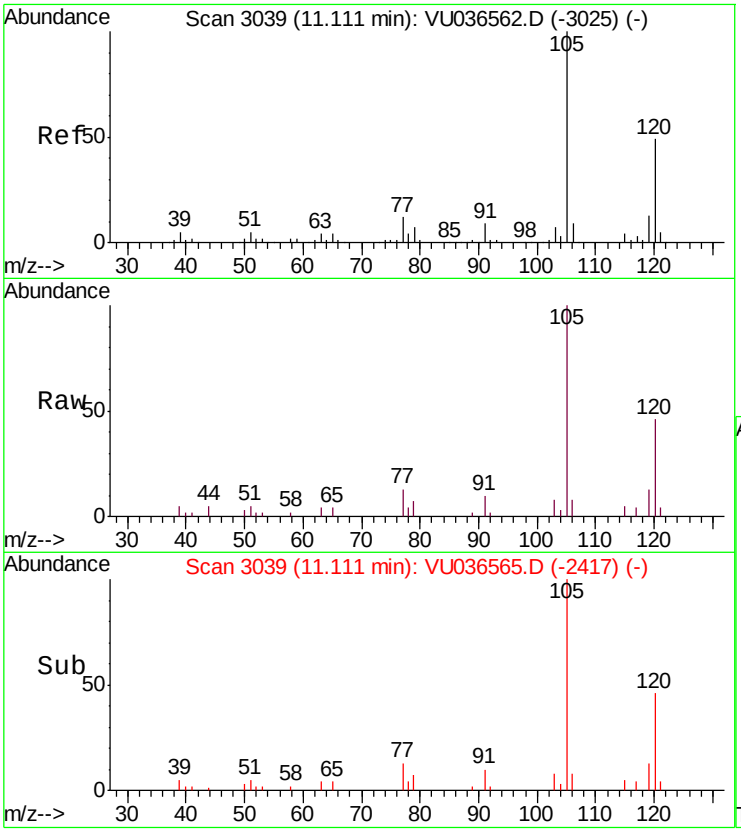


#61
1,2,3-Trichloropropane
Concen: 0.277 ug/L
RT: 10.85 min Scan# 2958
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 75 Resp: 1812

Ion	Ratio	Lower	Upper
75	100		
110	23.7	29.0	43.4#
77	23.5	25.8	38.6#



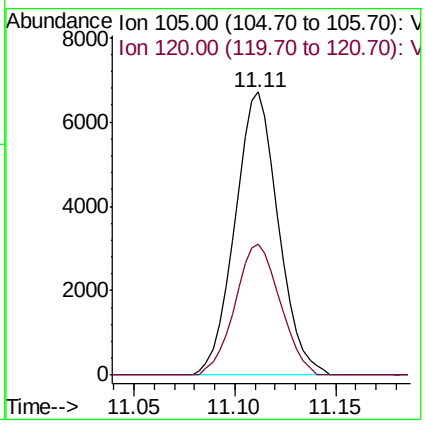


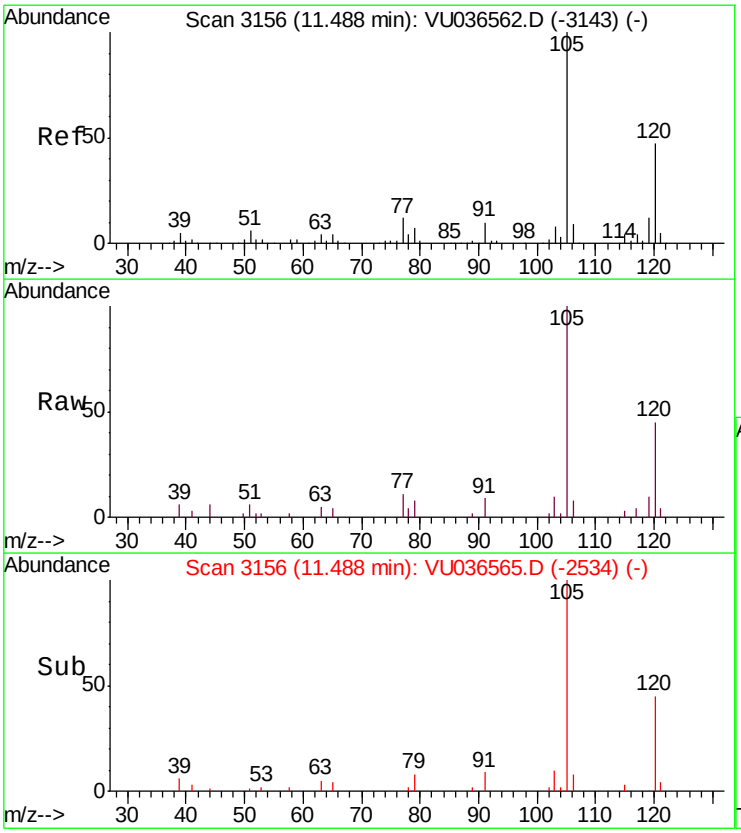
#62
1,3,5-Trimethylbenzene
Concen: 0.249 ug/L
RT: 11.11 min Scan# 3039
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 10121

Ion	Ratio	Lower	Upper
105	100		
120	48.0	39.7	59.5

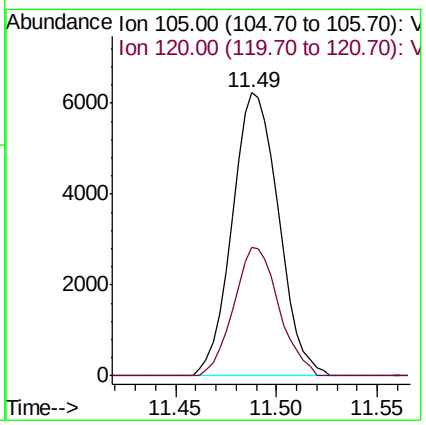


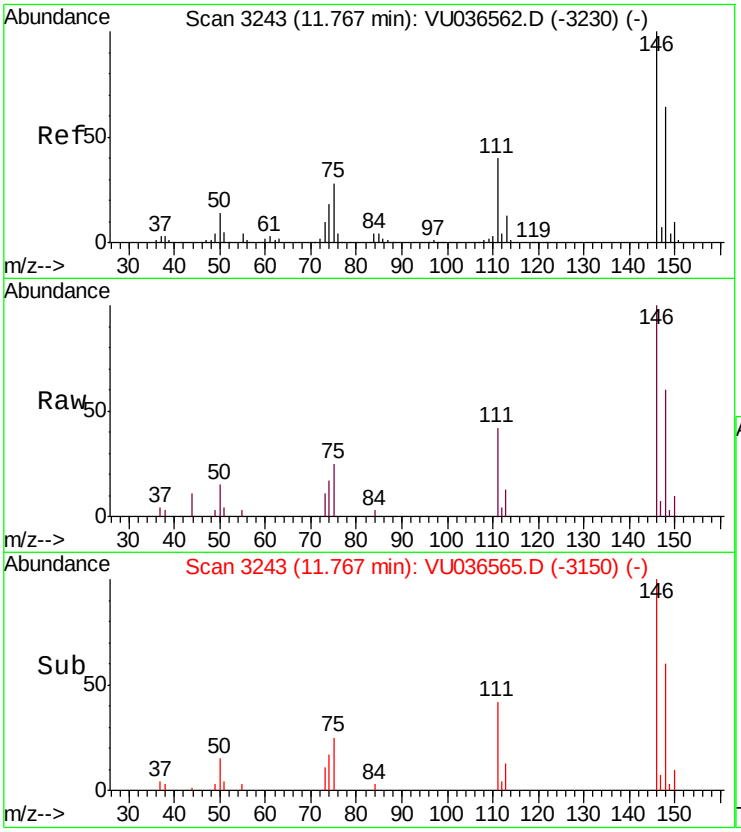


#63
1,2,4-Trimethylbenzene
Concen: 0.249 ug/L
RT: 11.49 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:105 Resp: 10046

Ion	Ratio	Lower	Upper
105	100		
120	44.3	36.9	55.3



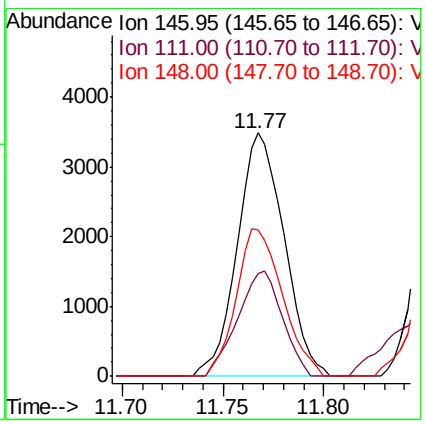


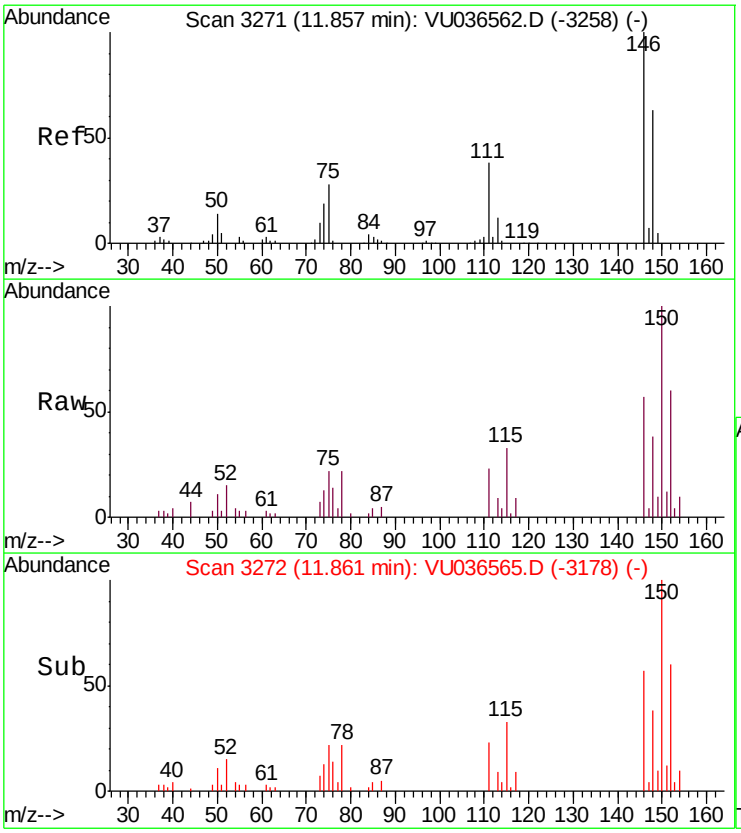
#64
1,3-Dichlorobenzene
Concen: 0.256 ug/L
RT: 11.77 min Scan# 3243
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 5669

Ion	Ratio	Lower	Upper
146	100		
111	42.4	28.8	53.6
148	60.3	44.2	82.2

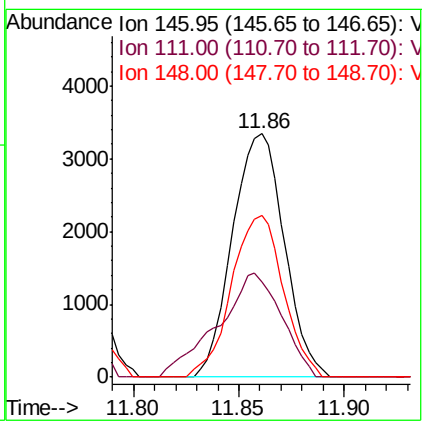


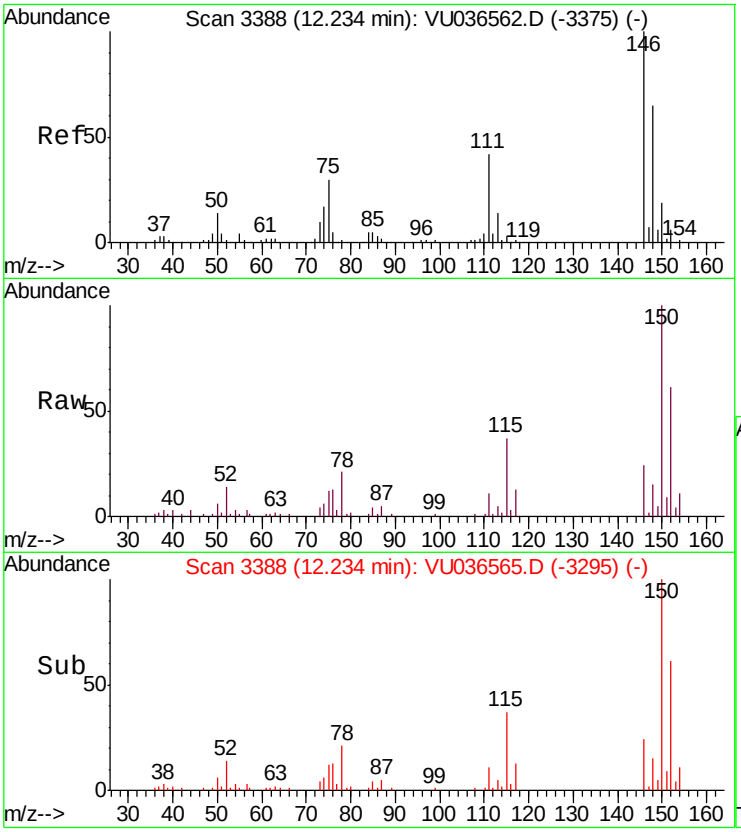


#65
1,4-Dichlorobenzene
Concen: 0.258 ug/L
RT: 11.86 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:146 Resp: 5708

Ion	Ratio	Lower	Upper
146	100		
111	39.3	27.2	50.6
148	66.5	44.8	83.2



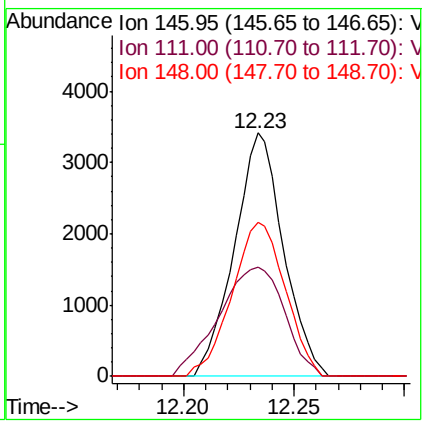


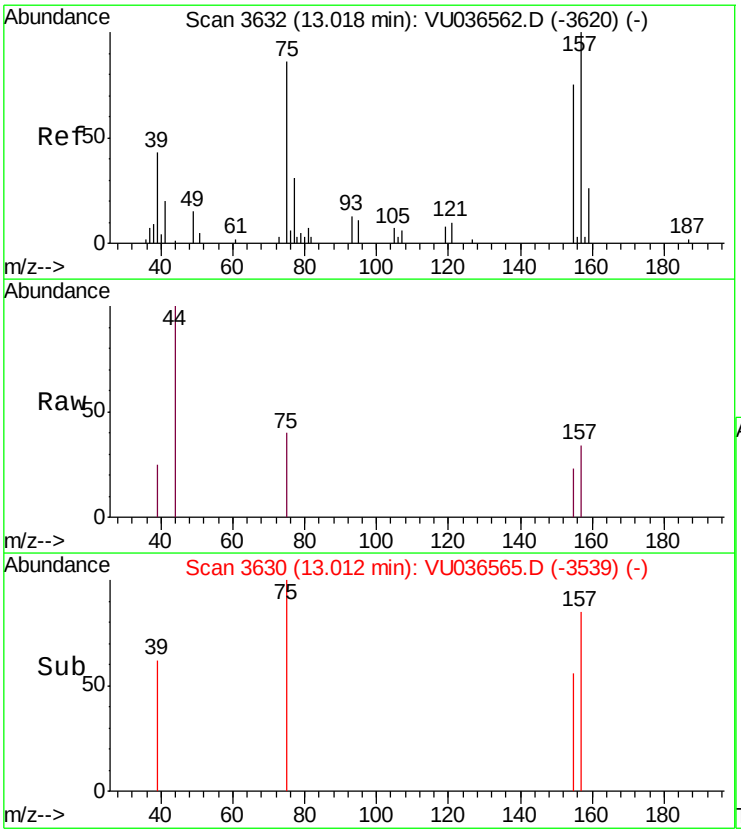
#67
1,2-Dichlorobenzene
Concen: 0.249 ug/L
RT: 12.23 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 5264

Ion	Ratio	Lower	Upper
146	100		
111	44.8	33.4	50.0
148	63.3	51.0	76.4

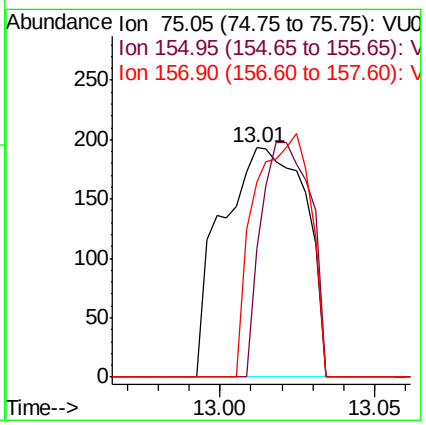


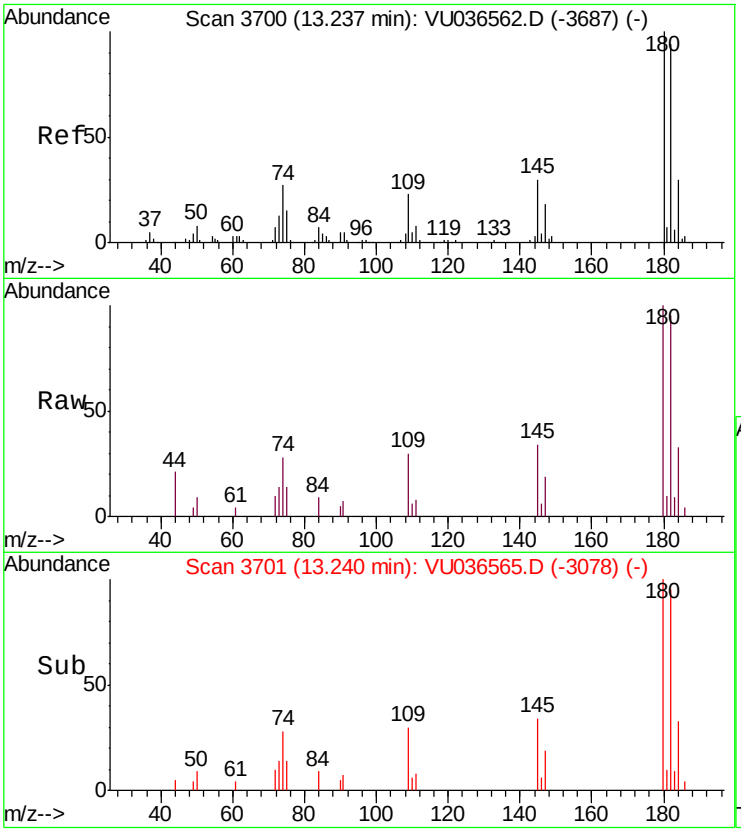


#68
1,2-Dibromo-3-chloropropane
Concen: 0.263 ug/L
RT: 13.01 min Scan# 3630
Delta R.T. -0.01 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion: 75 Resp: 364

Ion	Ratio	Lower	Upper
75	100		
155	56.0	64.2	96.4#
157	85.0	85.1	127.7#



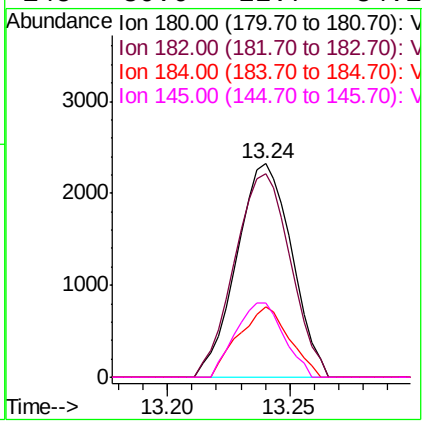


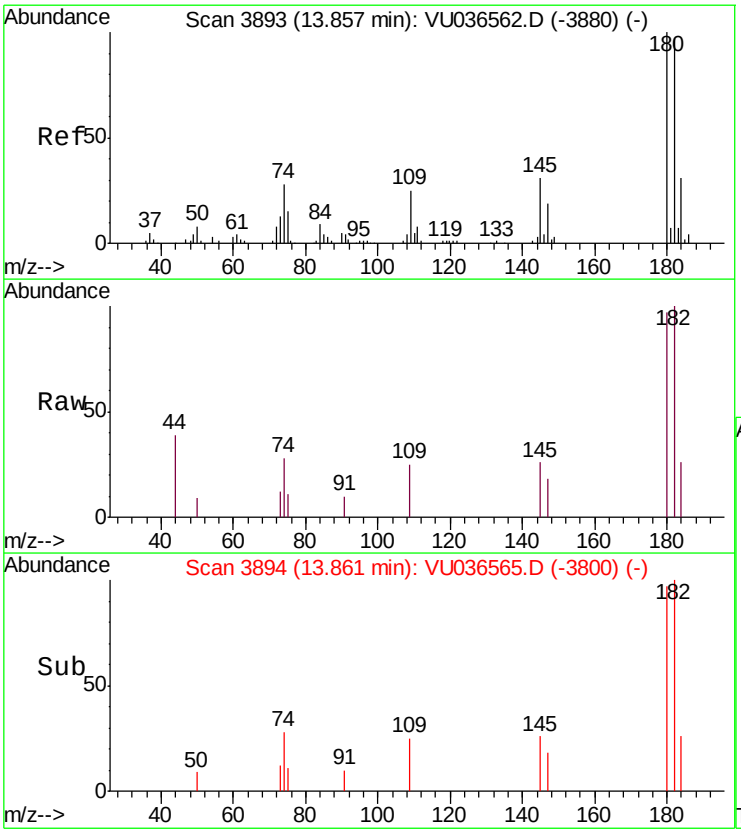
#69
1,3,5-Trichlorobenzene
Concen: 0.214 ug/L
RT: 13.24 min Scan# 3701
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:180 Resp: 3631

Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.2	112.8
184	30.4	23.9	35.9
145	30.6	22.7	34.1

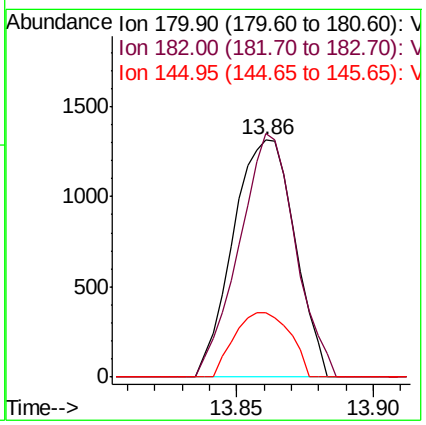


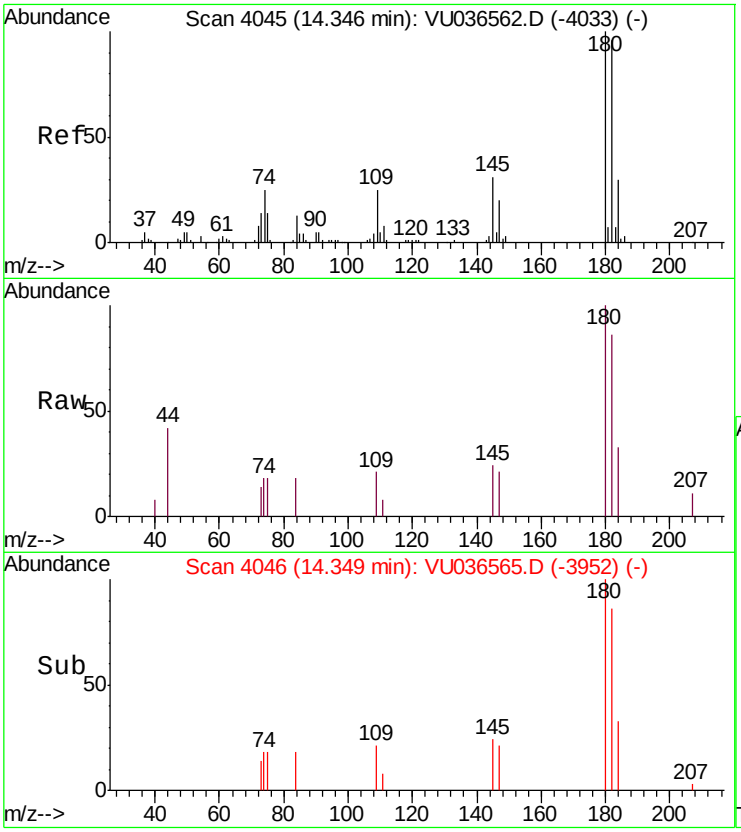


#70
1,2,4-trichlorobenzene
Concen: 0.167 ug/L
RT: 13.86 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Tgt Ion:180 Resp: 2060

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.2	114.4
145	24.5	23.9	35.9





#72
1,2,3-Trichlorobenzene
Concen: 0.161 ug/L
RT: 14.35 min Scan# 4046
Delta R.T. 0.00 min
Lab File: VU036565.D
Acq: 27 Jan 2020 13:51

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:180 Resp: 1802

Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.2	114.2
145	29.0	25.6	38.4