Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012420\

Quantitation Report (Not Reviewed)

Data File : VU036558.D
Acq On : 24 Jan 2020 16:31
Operator : JC/MD
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Jan 24 23:24:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 24 23:19:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	139883	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	133031	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	62460	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	38706	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.93	69	36495	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.80%			
11) 1,1-Dichloroethene-d2	2.59	65	16621	5.24	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 104.80%			
20) 2-Butanone-d5	4.70	46	99256	58.56	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.12%			
24) Chloroform-d	5.11	84	74561	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.60%			
26) 1,2-Dichloroethane-d4	5.75	65	40715	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.60%			
32) Benzene-d6	5.77	84	166067	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
36) 1,2-Dichloropropane-d6	6.73	67	51119	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.93	98	160537	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.80%			
43) trans-1,3-Dichloropropene-	8.21	79	20185	5.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.60%			
46) 2-Hexanone-d5	8.67	63	101114	55.83	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.66%			
56) 1,1,2,2-Tetrachloroethane-	10.78	84	41542	5.24	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.80%			
66) 1,2-Dichlorobenzene-d4	12.21	152	59331	5.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.40%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2616	0.255	ug/L	97
3) Chloromethane	1.54	50	3064	0.283	ug/L	100
5) Vinyl chloride	1.62	62	3223	0.274	ug/L #	79
6) Bromomethane	1.87	94	1998	0.293	ug/L	91
9) Trichlorofluoromethane	2.16	101	3755	0.275	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2915	0.346	ug/L #	84
12) 1,1-Dichloroethene	2.60	96	2630	0.315	ug/L #	1
13) Acetone	2.69	43	6166	4.881	ug/L	96
14) Carbon disulfide	2.82	76	6999	0.266	ug/L	98
15) Methyl Acetate	3.00	43	865	0.268	ug/L #	50
16) Methylene chloride	3.08	84	5603	0.493	ug/L	92
17) Methyl tert-butyl Ether	3.41	73	5442	0.259	ug/L #	86
18) trans-1,2-Dichloroethene	3.39	96	2457	0.274	ug/L	94
19) 1,1-Dichloroethane	3.92	63	4205	0.268	ug/L	92
21) 2-Butanone	4.78	43	7304	3.575	ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	2713	0.271	ug/L	88
23) Bromochloromethane	5.02	128	1100	0.261	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012420\

Quantitation Report (Not Reviewed)

Data File : VU036558.D
Acq On : 24 Jan 2020 16:31
Operator : JC/MD
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Jan 24 23:24:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 24 23:19:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
25) Chloroform	5.13	83	5144	0.329 ug/L		95
27) 1,2-Dichloroethane	5.84	62	2662	0.272 ug/L	#	94
29) 1,1,1-Trichloroethane	5.36	97	3284	0.247 ug/L		98
30) Cyclohexane	5.43	56	4037	0.266 ug/L		98
31) Carbon tetrachloride	5.57	117	2799	0.248 ug/L		96
33) Benzene	5.82	78	10268	0.275 ug/L		100
34) Trichloroethene	6.58	95	2652	0.268 ug/L		95
35) Methylcyclohexane	6.80	83	4319	0.255 ug/L		97
37) 1,2-Dichloropropane	6.83	63	2333	0.251 ug/L	#	88
38) Bromodichloromethane	7.14	83	2785	0.245 ug/L	#	96
39) cis-1,3-Dichloropropene	7.64	75	3752	0.262 ug/L		98
40) 4-Methyl-2-pentanone	7.84	43	14272	2.730 ug/L	#	85
42) Toluene	8.00	91	11138	0.270 ug/L		100
44) trans-1,3-Dichloropropene	8.24	75	3329	0.302 ug/L		95
45) 1,1,2-Trichloroethane	8.43	97	1847	0.269 ug/L		96
47) Tetrachloroethene	8.58	164	2243	0.278 ug/L		86
48) 2-Hexanone	8.72	43	11645	3.228 ug/L	#	95
49) Dibromochloromethane	8.84	129	2005	0.255 ug/L		98
50) 1,2-Dibromoethane	8.96	107	1651	0.247 ug/L	#	97
51) Chlorobenzene	9.47	112	7512	0.283 ug/L		98
52) Ethylbenzene	9.60	91	12300	0.274 ug/L		99
53) m,p-Xylene	9.72	106	4578	0.263 ug/L		97
54) o-Xylene	10.12	106	4484	0.262 ug/L		98
55) Styrene	10.14	104	7260	0.259 ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.81	83	2175	0.252 ug/L	#	94
59) Bromoform	10.32	173	1012	0.241 ug/L	#	90
60) Isopropylbenzene	10.51	105	11550	0.274 ug/L		99
61) 1,2,3-Trichloropropane	10.85	75	1528	0.263 ug/L		95
62) 1,3,5-Trimethylbenzene	11.11	105	9611	0.266 ug/L		97
63) 1,2,4-Trimethylbenzene	11.49	105	9430	0.263 ug/L		97
64) 1,3-Dichlorobenzene	11.77	146	5384	0.274 ug/L		94
65) 1,4-Dichlorobenzene	11.86	146	5331	0.271 ug/L		99
67) 1,2-Dichlorobenzene	12.23	146	5443	0.289 ug/L		95
68) 1,2-Dibromo-3-chloropropan	13.02	75	203	0.165 ug/L		93
69) 1,3,5-Trichlorobenzene	13.24	180	3968	0.262 ug/L		98
70) 1,2,4-trichlorobenzene	13.86	180	2260	0.206 ug/L		97
71) Naphthalene	14.11	128	2764	0.176 ug/L		96
72) 1,2,3-Trichlorobenzene	14.35	180	1924	0.194 ug/L		86

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

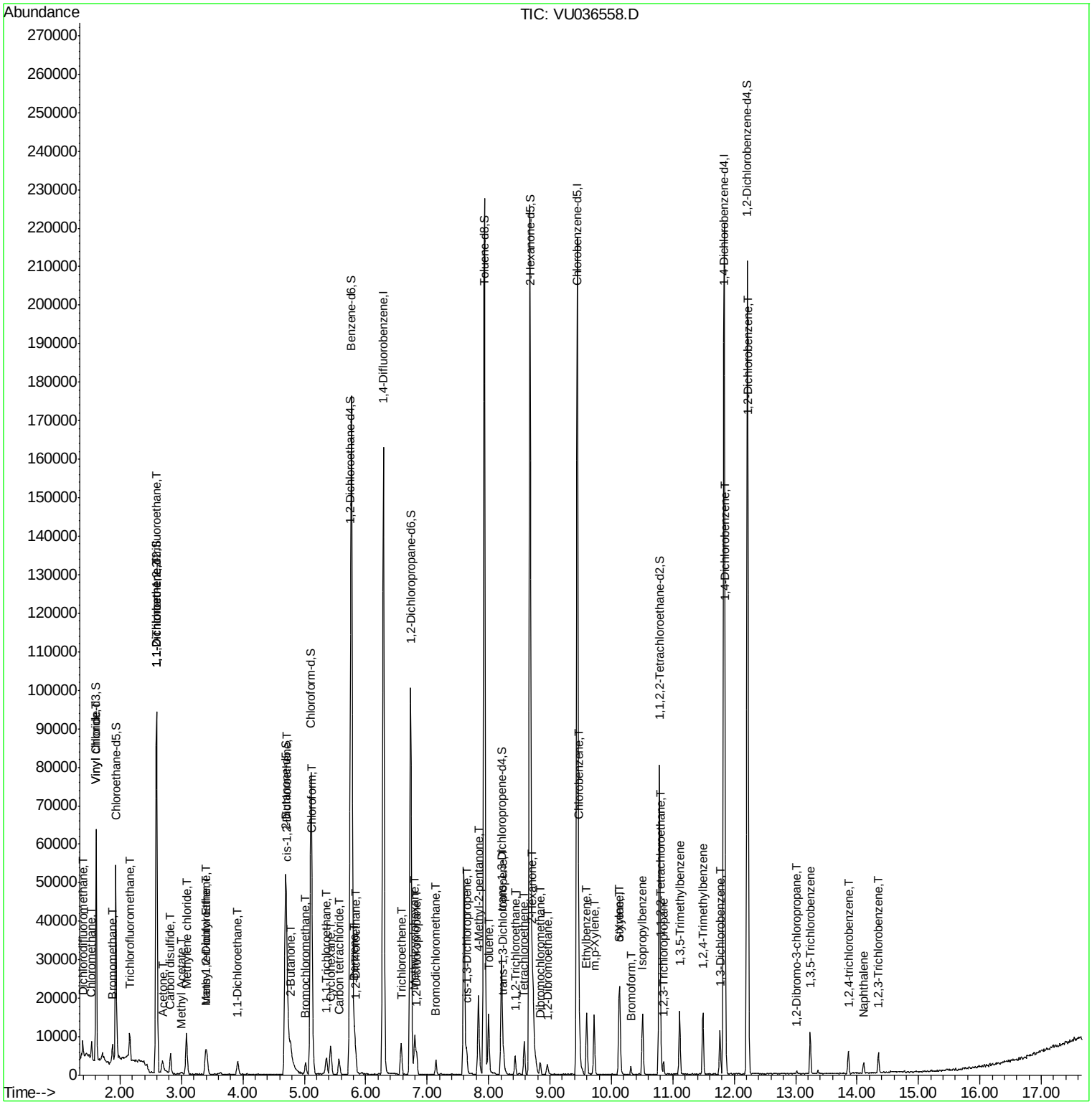
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012420\

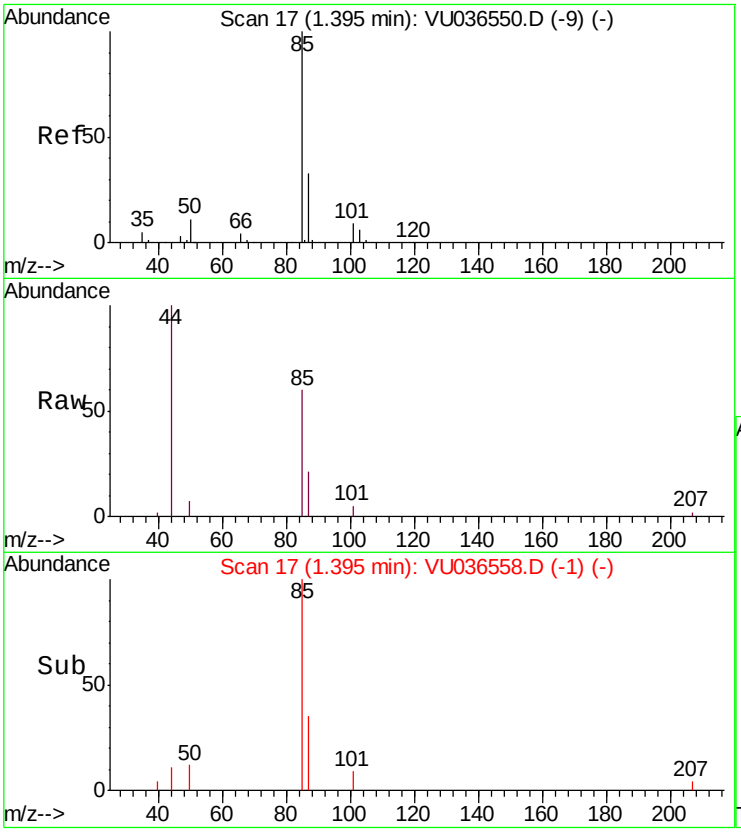
Quantitation Report (Not Reviewed)

Data File : VU036558.D
Acq On : 24 Jan 2020 16:31
Operator : JC/MD
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Quant Time: Jan 24 23:24:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 24 23:19:07 2020
Response via : Initial Calibration



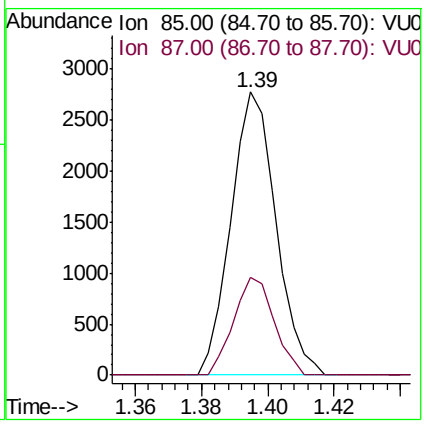


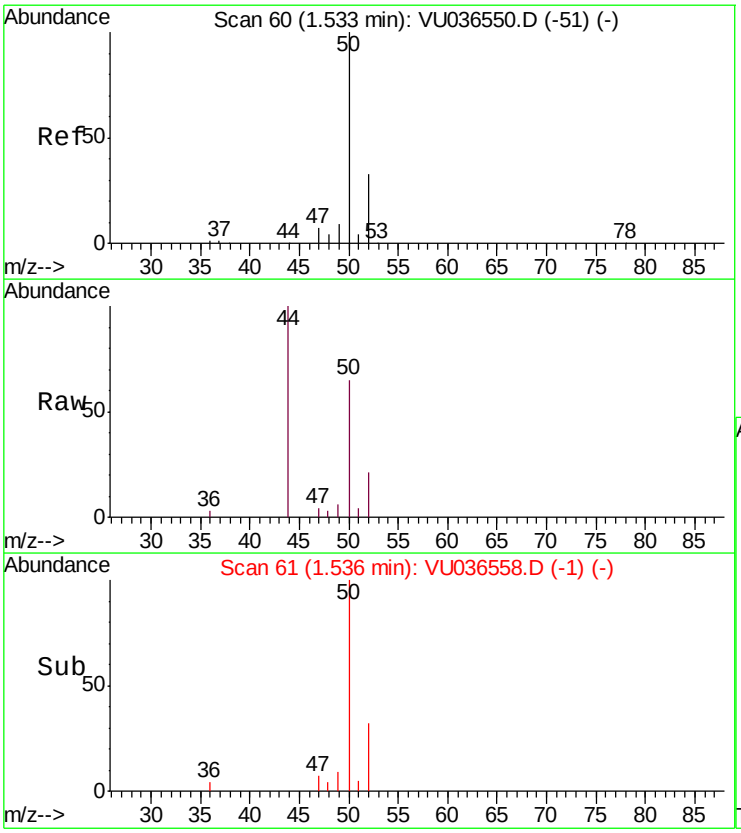
#2
Dichlorodifluoromethane
Concen: 0.255 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 85 Resp: 2616

Ion	Ratio	Lower	Upper
85	100		
87	31.0	26.0	39.0

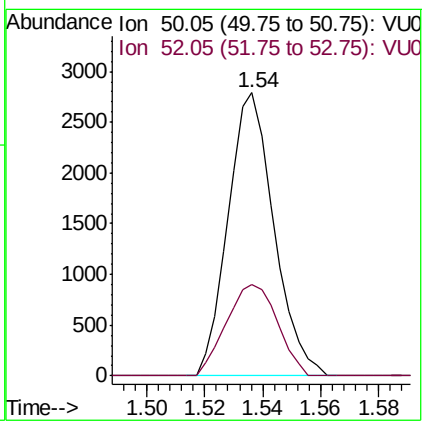


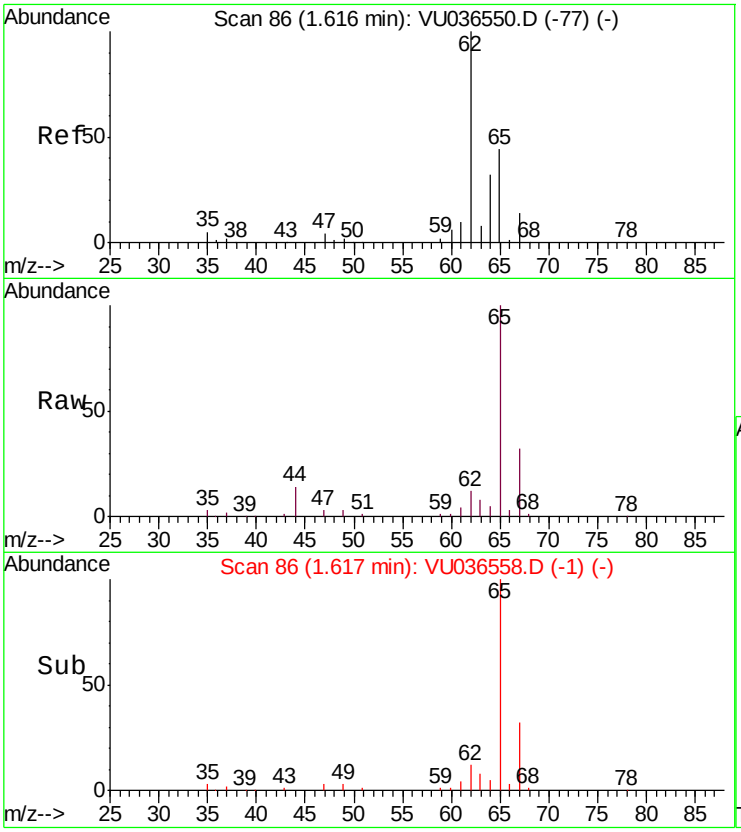


#3
Chloromethane
Concen: 0.283 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 50 Resp: 3064

Ion	Ratio	Lower	Upper
50	100		
52	32.3	22.7	42.3



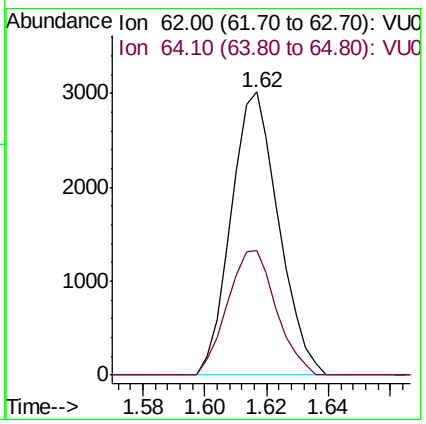


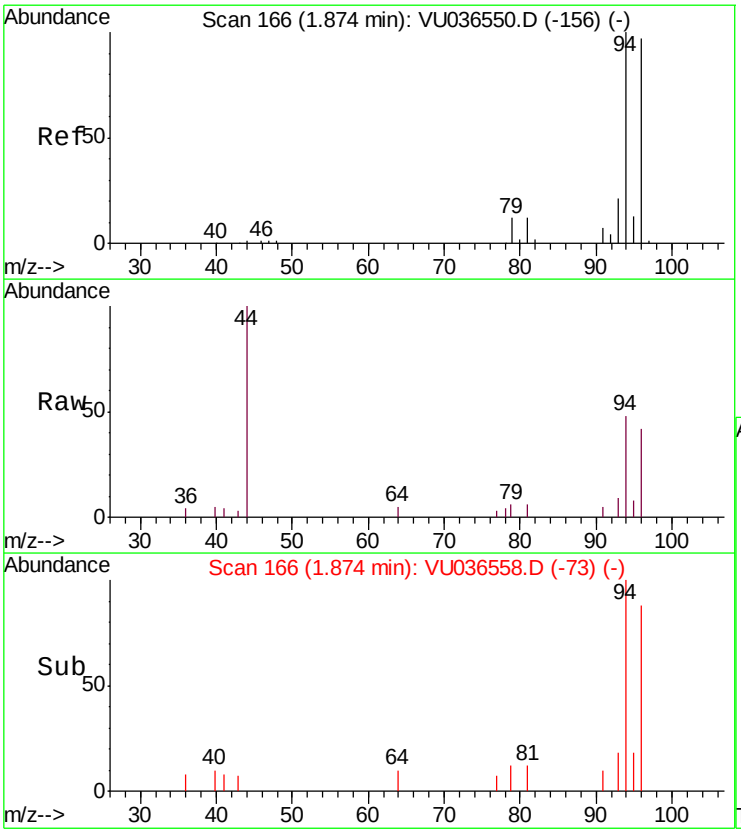
#5
Vinyl chloride
Concen: 0.274 ug/L
RT: 1.62 min Scan# 86
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 3223

Ion	Ratio	Lower	Upper
62	100		
64	44.3	22.6	42.0#

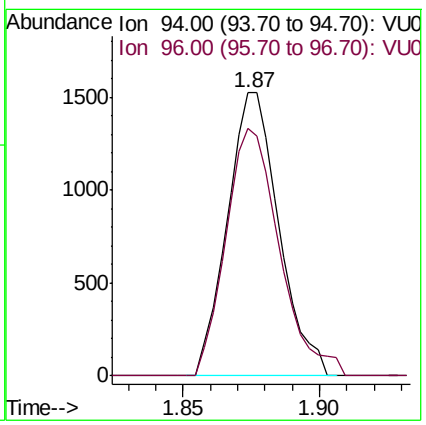


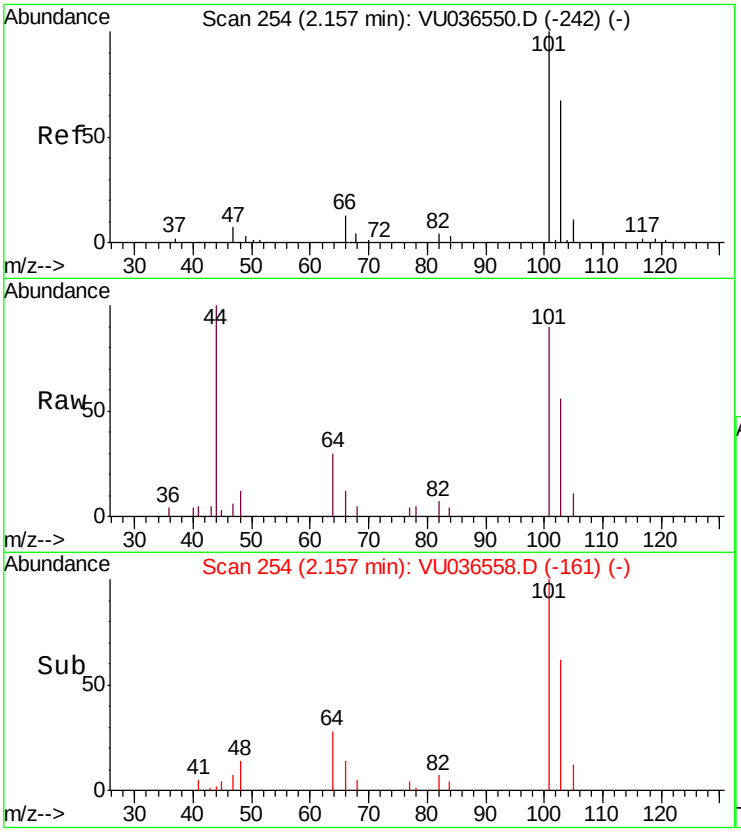


#6
Bromomethane
Concen: 0.293 ug/L
RT: 1.87 min Scan# 166
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 94 Resp: 1998

Ion	Ratio	Lower	Upper
94	100		
96	87.6	67.6	125.6



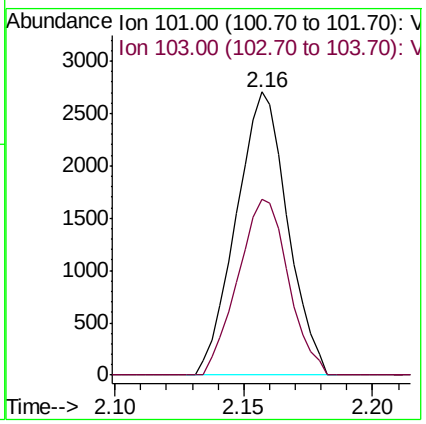


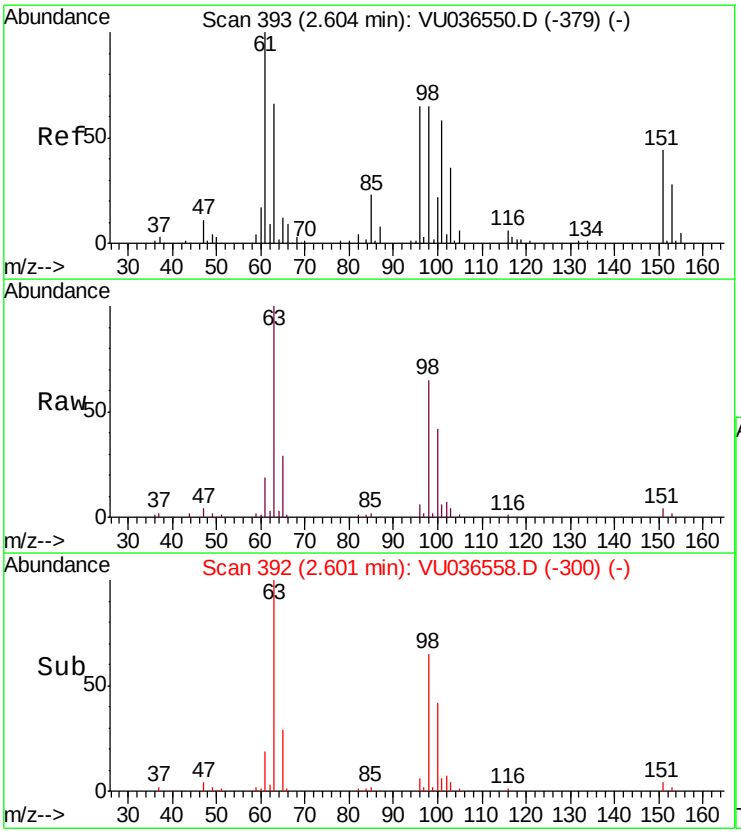
#9
Trichlorofluoromethane
Concen: 0.275 ug/L
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 3755

Ion	Ratio	Lower	Upper
101	100		
103	61.0	52.5	78.7

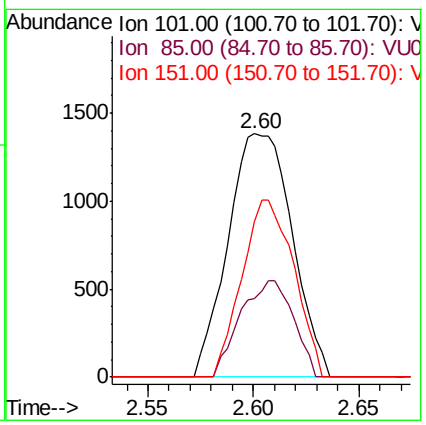


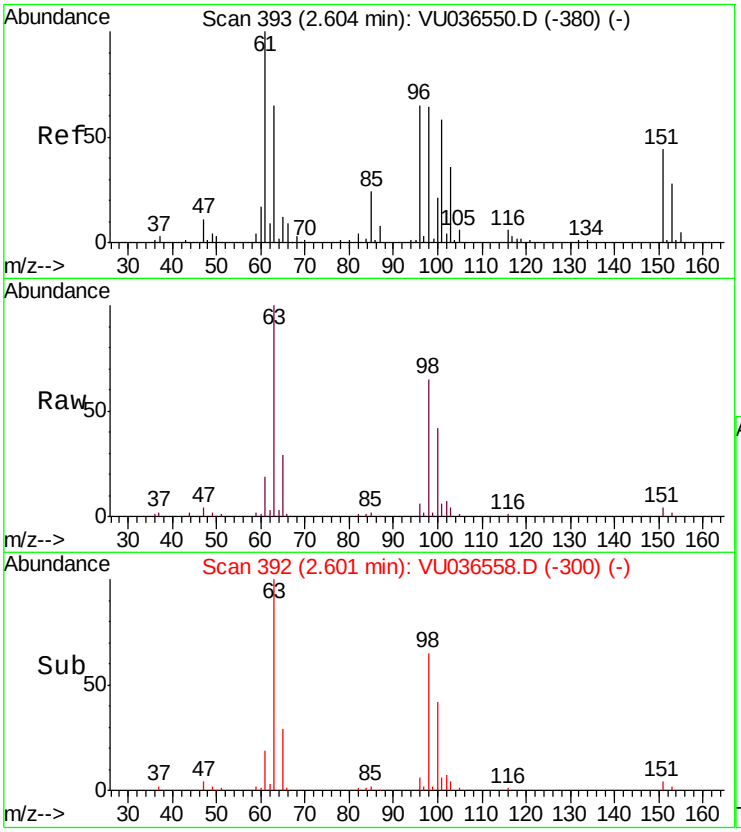


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.346 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion:101 Resp: 2915

Ion	Ratio	Lower	Upper
101	100		
85	32.7	32.2	48.4
151	59.0	59.2	88.8#



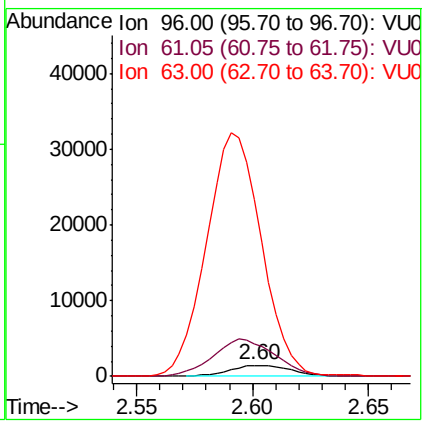


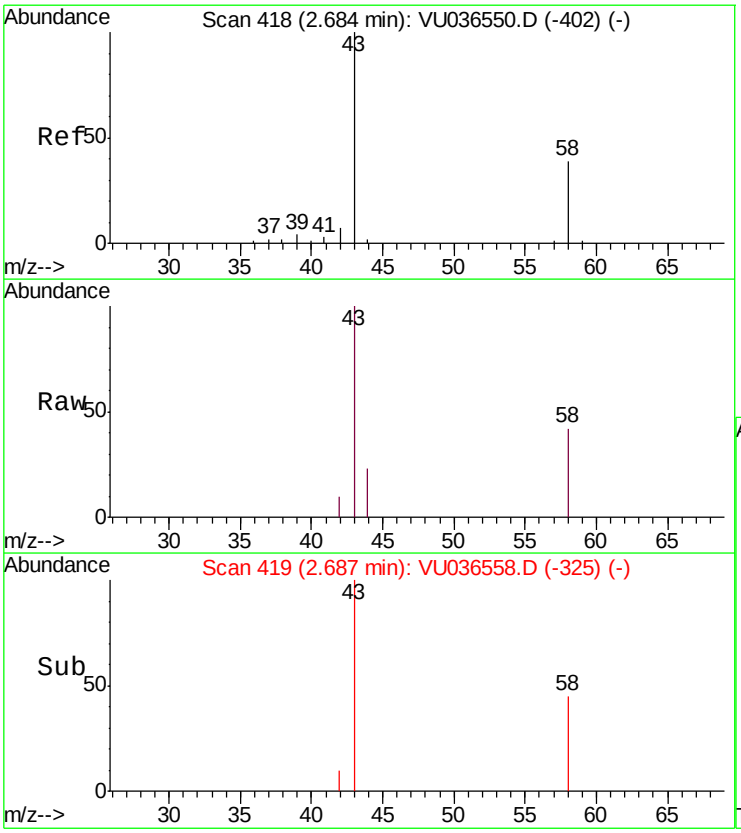
#12
1,1-Dichloroethene
Concen: 0.315 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 96 Resp: 2630

Ion	Ratio	Lower	Upper
96	100		
61	297.1	108.2	201.0#
63	1589.6	72.0	133.8#

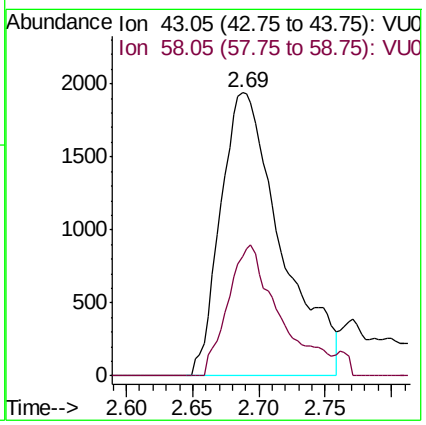


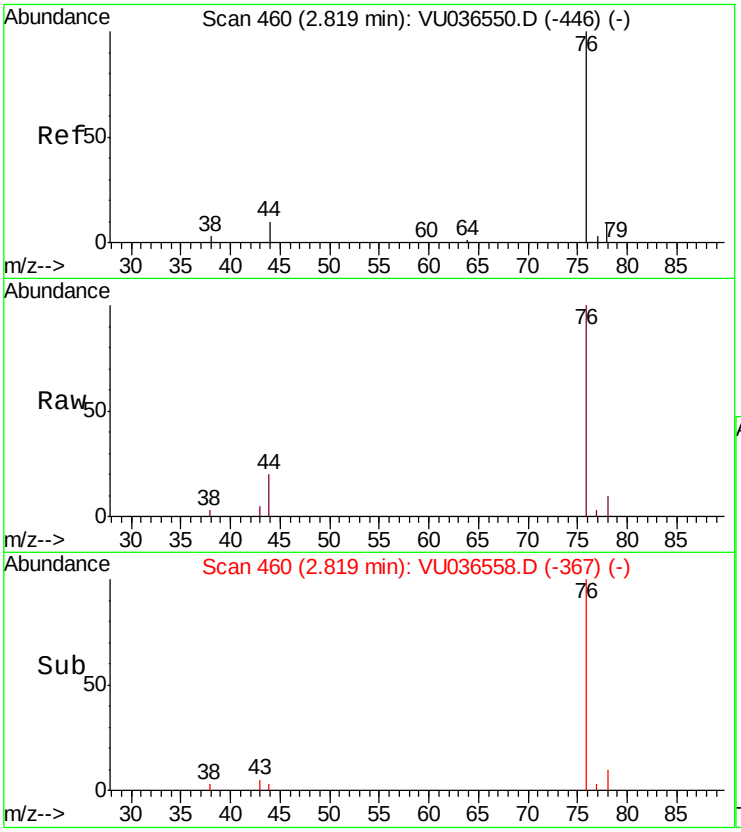


#13
Acetone
Concen: 4.881 ug/L
RT: 2.69 min Scan# 419
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 43 Resp: 6166

Ion	Ratio	Lower	Upper
43	100		
58	39.6	0.0	74.0



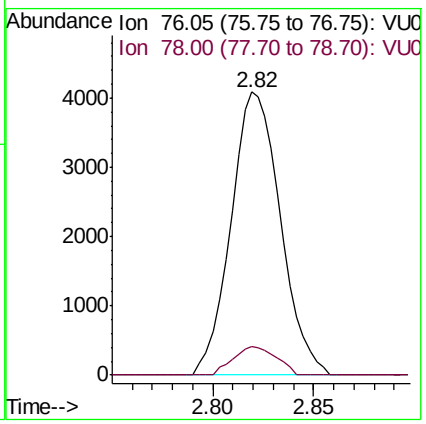


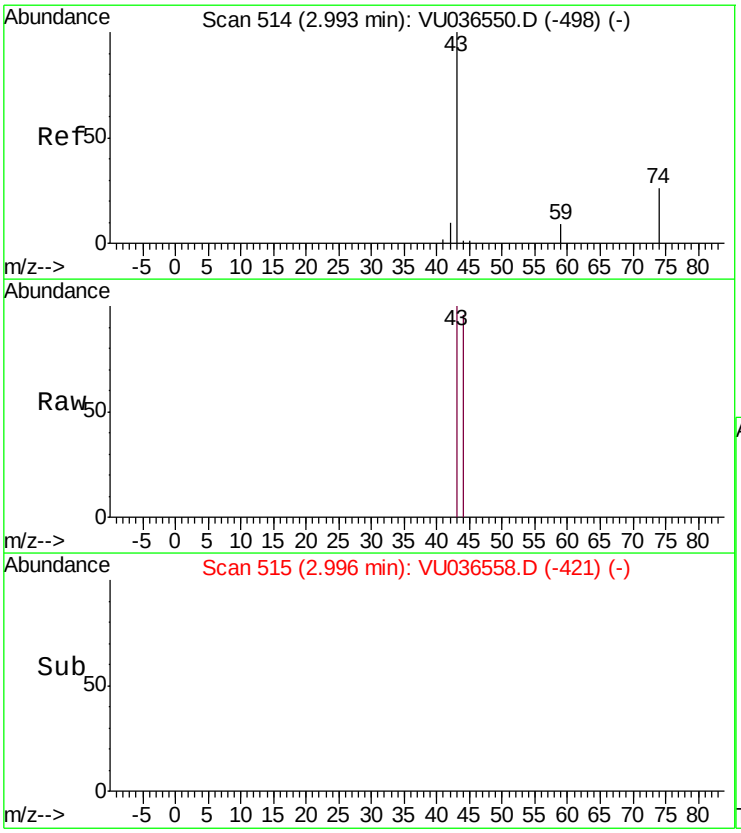
#14
Carbon disulfide
Concen: 0.266 ug/L
RT: 2.82 min Scan# 460
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 76 Resp: 6999

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.5	11.3

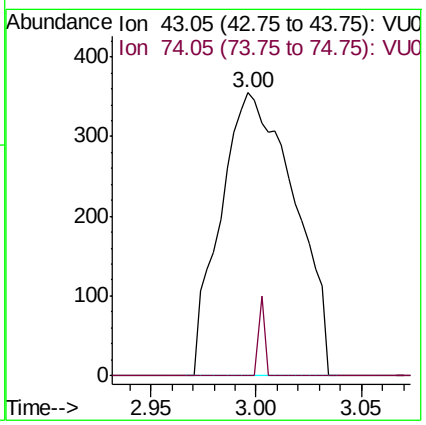


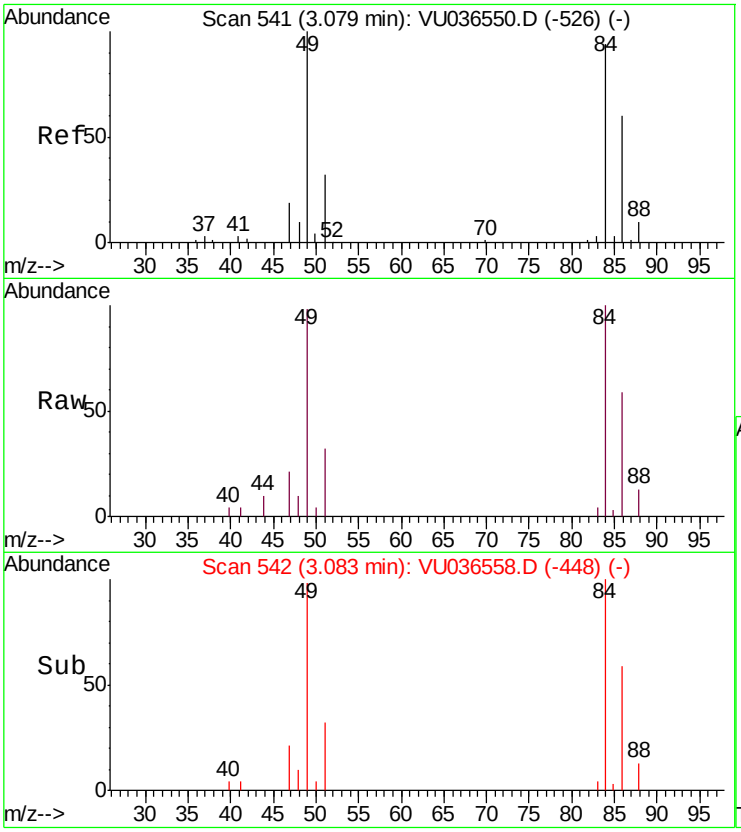


#15
Methyl Acetate
Concen: 0.268 ug/L
RT: 3.00 min Scan# 515
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 43 Resp: 865

Ion	Ratio	Lower	Upper
43	100		
74	2.2	22.7	34.1#



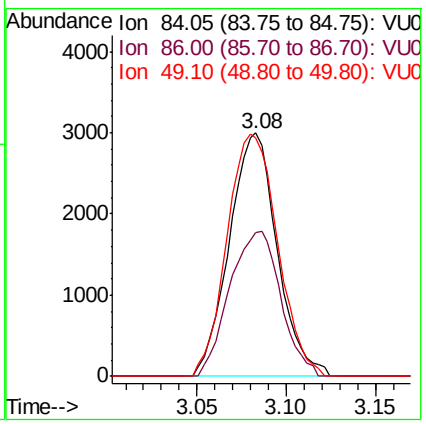


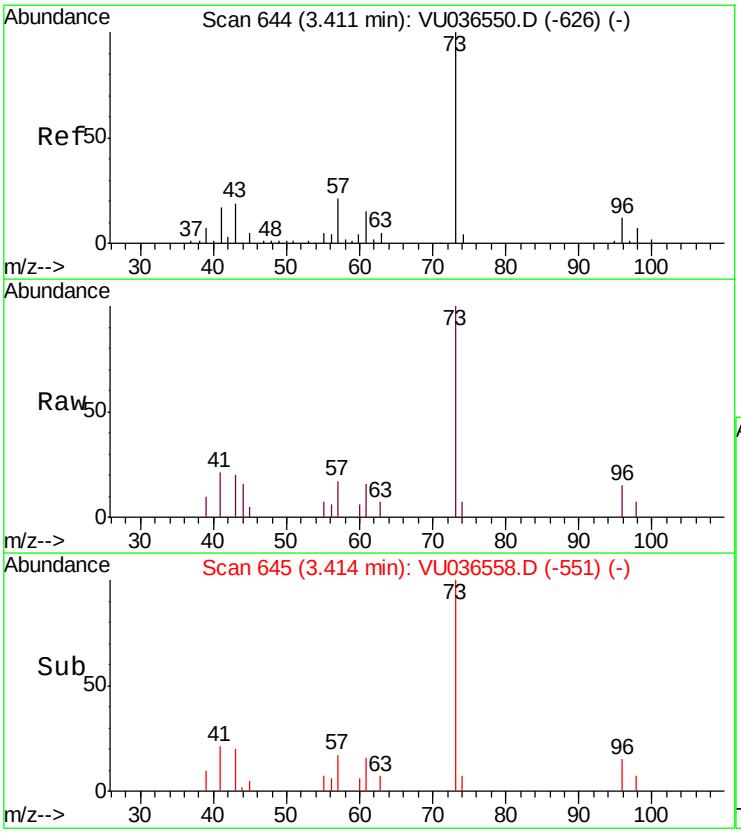
#16
Methylene chloride
Concen: 0.493 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 84 Resp: 5603

Ion	Ratio	Lower	Upper
84	100		
86	59.2	44.8	83.2
49	97.9	74.8	139.0

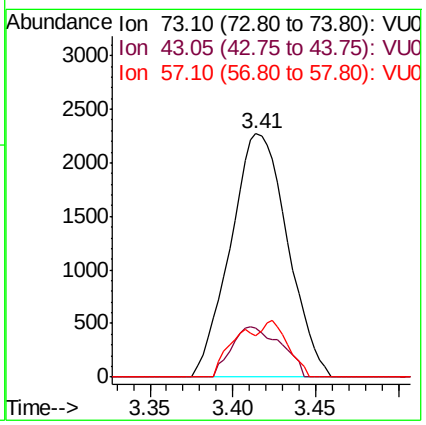


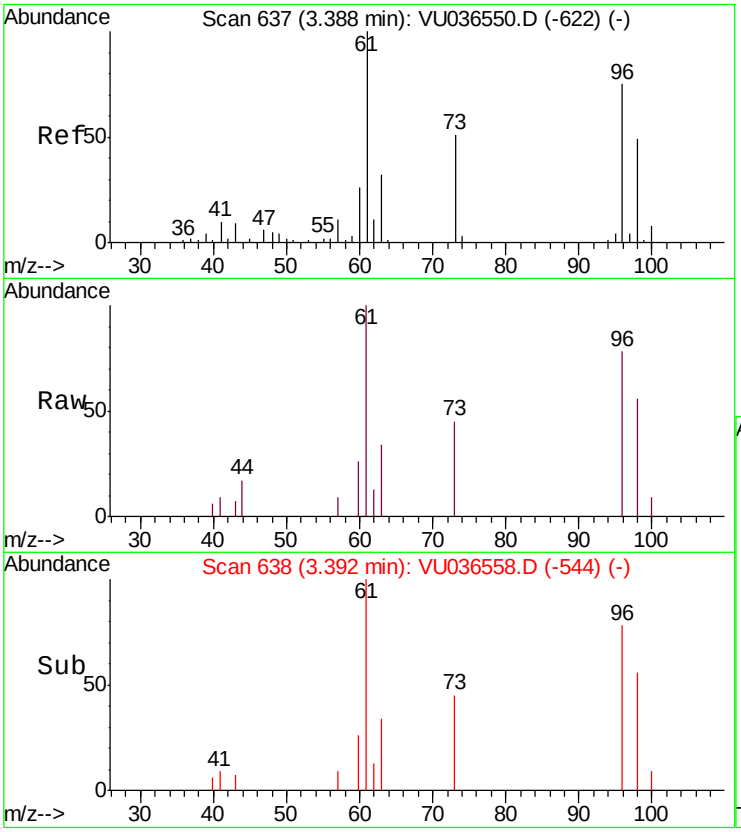


#17
Methyl tert-butyl Ether
Concen: 0.259 ug/L
RT: 3.41 min Scan# 645
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 73 Resp: 5442

Ion	Ratio	Lower	Upper
73	100		
43	17.9	14.6	21.8
57	9.6	17.0	25.6#



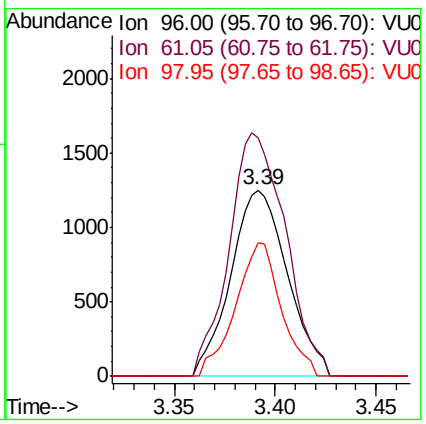


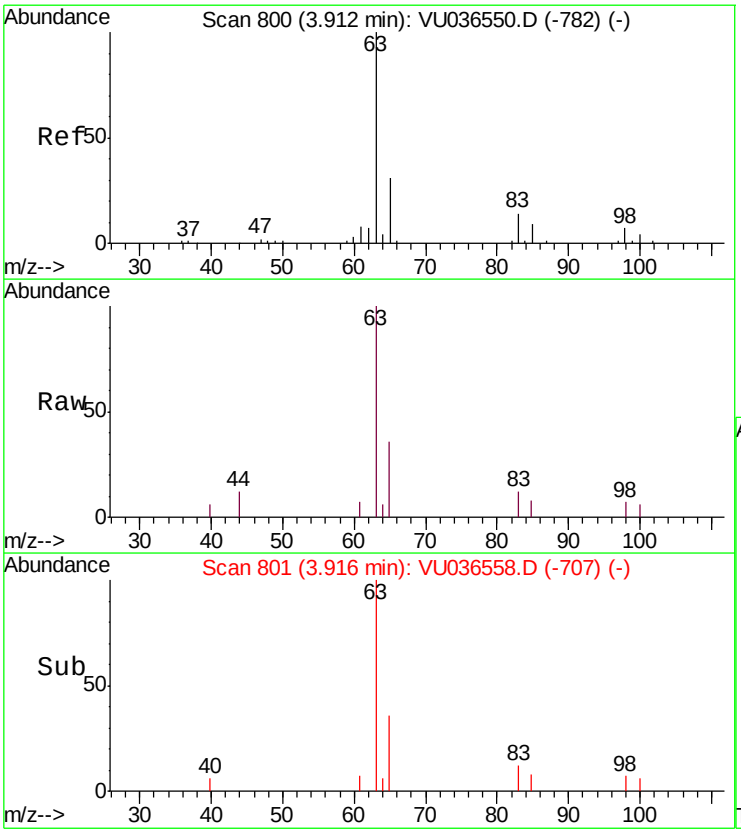
#18
trans-1,2-Dichloroethene
Concen: 0.274 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 96 Resp: 2457

Ion	Ratio	Lower	Upper
96	100		
61	127.9	93.1	172.9
98	72.1	45.5	84.5

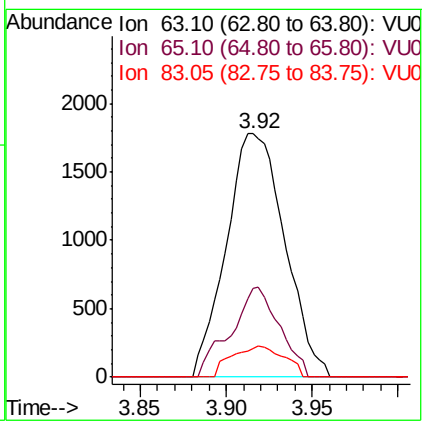


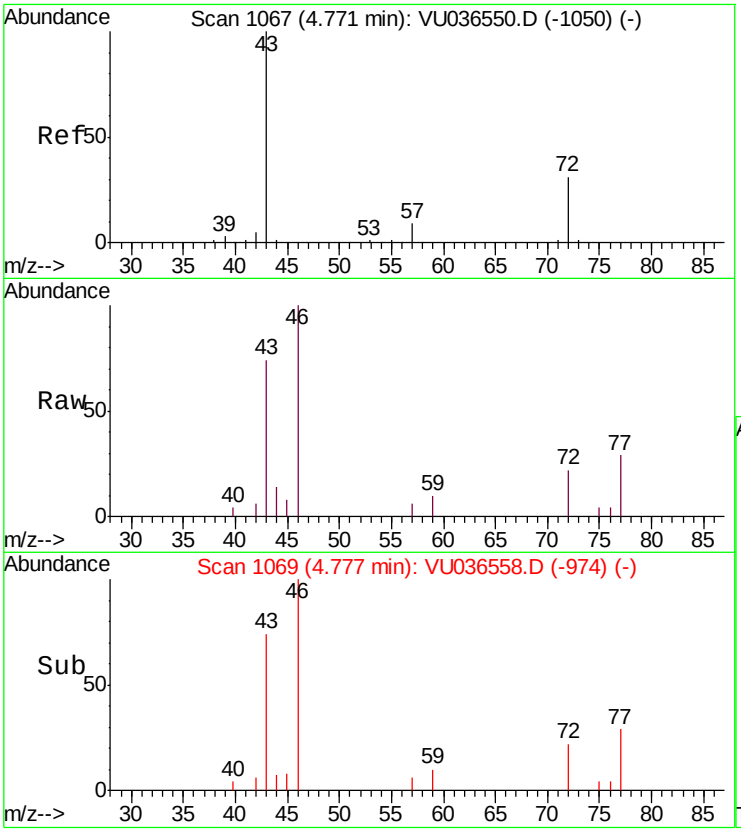


#19
1,1-Dichloroethane
Concen: 0.268 ug/L
RT: 3.92 min Scan# 801
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 63 Resp: 4205

Ion	Ratio	Lower	Upper
63	100		
65	36.5	21.8	40.6
83	12.0	9.8	18.2



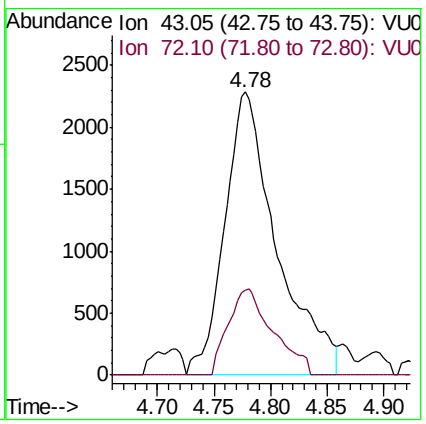


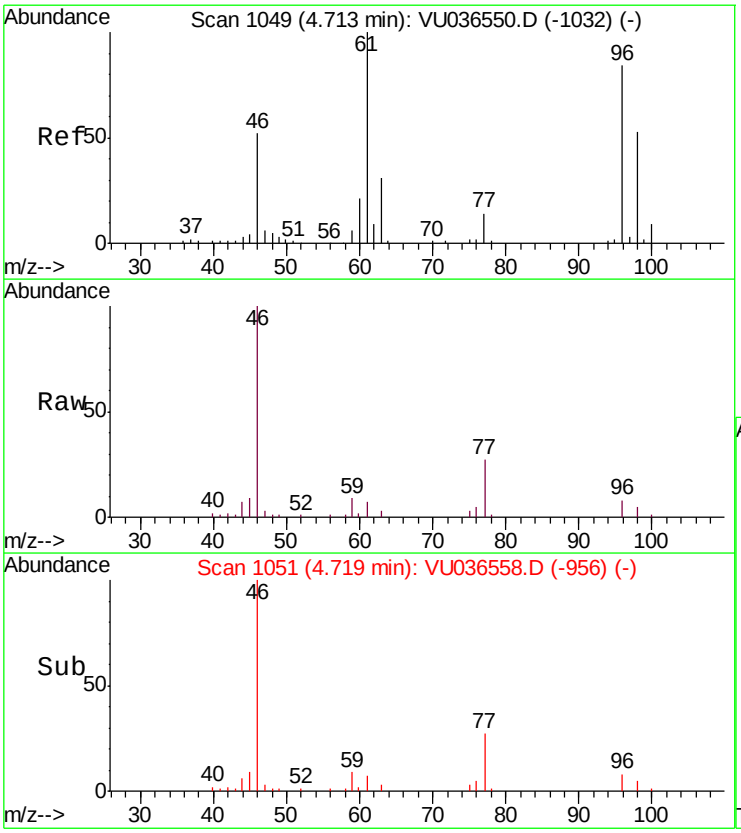
#21
2-Butanone
Concen: 3.575 ug/L
RT: 4.78 min Scan# 1069
Delta R.T. 0.01 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 43 Resp: 7304

Ion	Ratio	Lower	Upper
43	100		
72	26.3	15.4	46.4

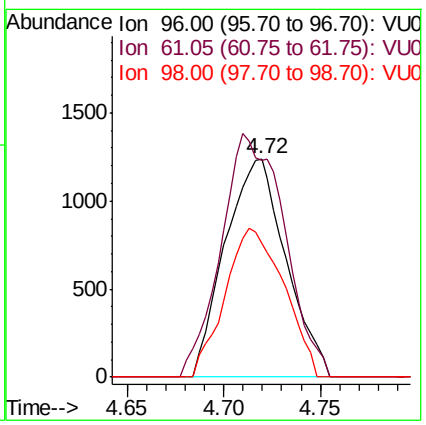


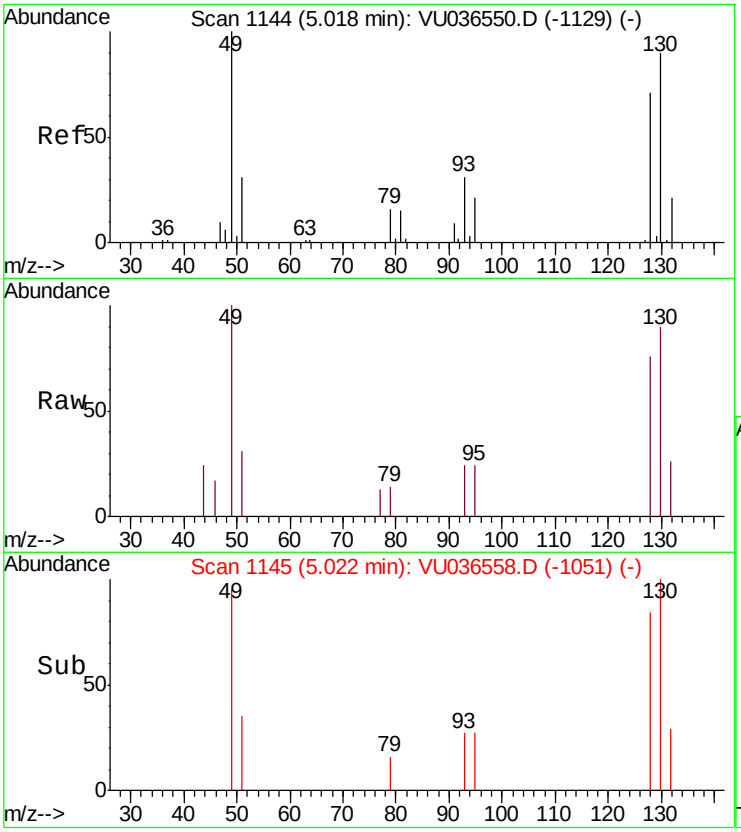


#22
cis-1,2-Dichloroethene
Concen: 0.271 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 96 Resp: 2713

Ion	Ratio	Lower	Upper
96	100		
61	99.2	83.0	154.1
98	61.3	43.8	81.3



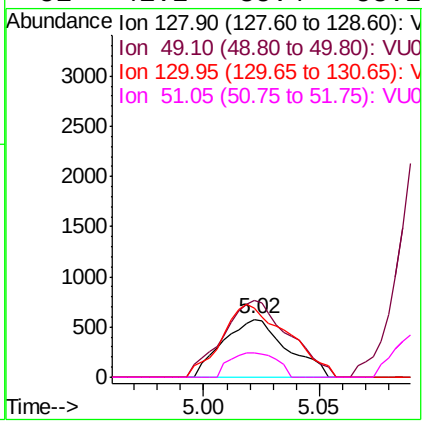


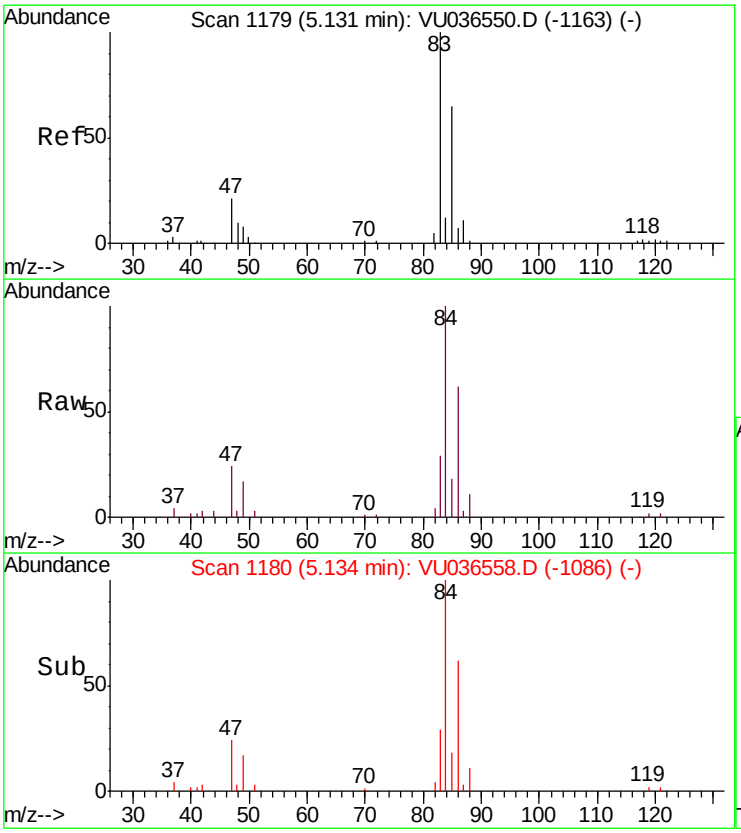
#23
Bromochloromethane
Concen: 0.261 ug/L
RT: 5.02 min Scan# 1145
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:128 Resp: 1100

Ion	Ratio	Lower	Upper
128	100		
49	131.7	98.6	183.2
130	119.0	89.1	165.5
51	41.2	35.4	53.2

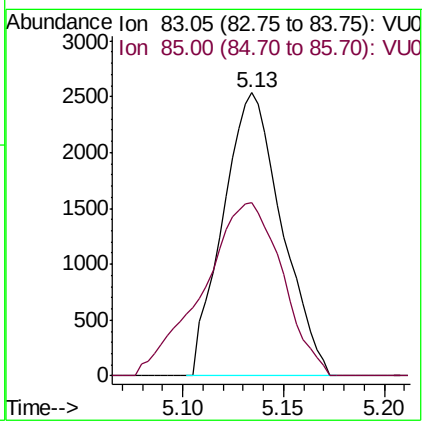


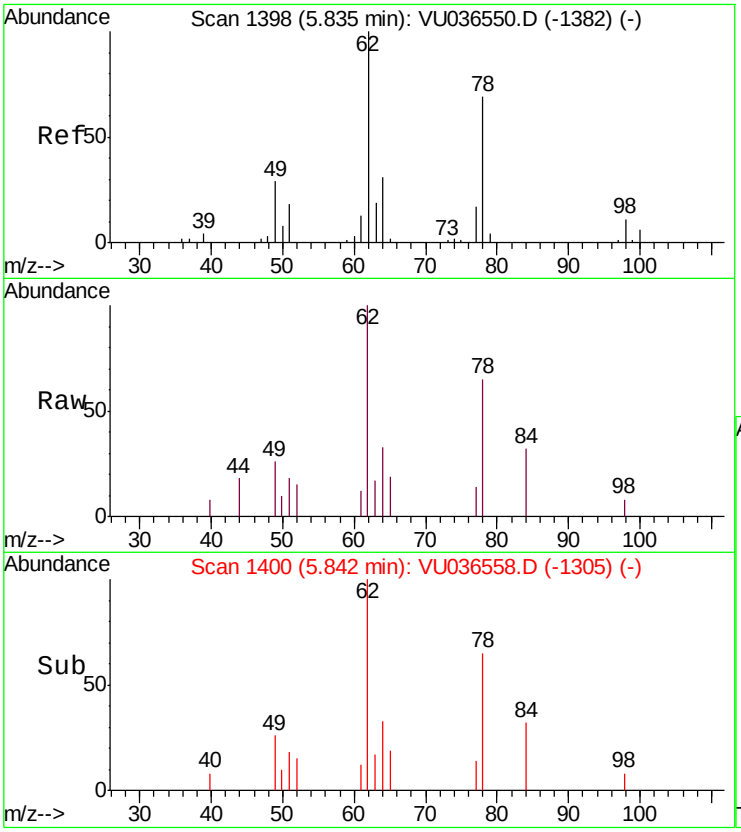


#25
Chloroform
Concen: 0.329 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 83 Resp: 5144

Ion	Ratio	Lower	Upper
83	100		
85	61.3	45.7	84.9



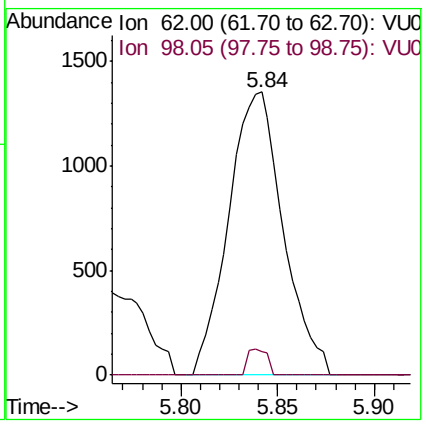


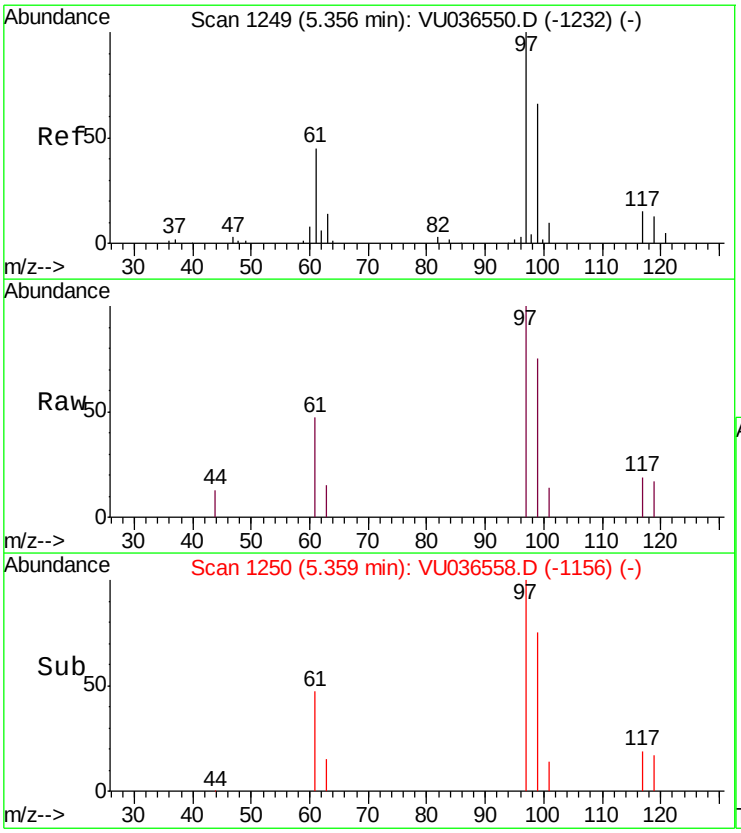
#27
1,2-Dichloroethane
Concen: 0.272 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. 0.01 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 2662

Ion	Ratio	Lower	Upper
62	100		
98	8.3	8.5	12.7#

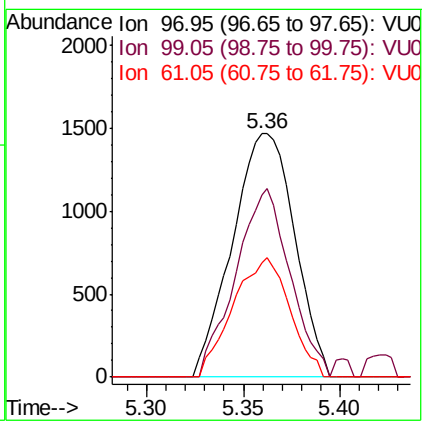


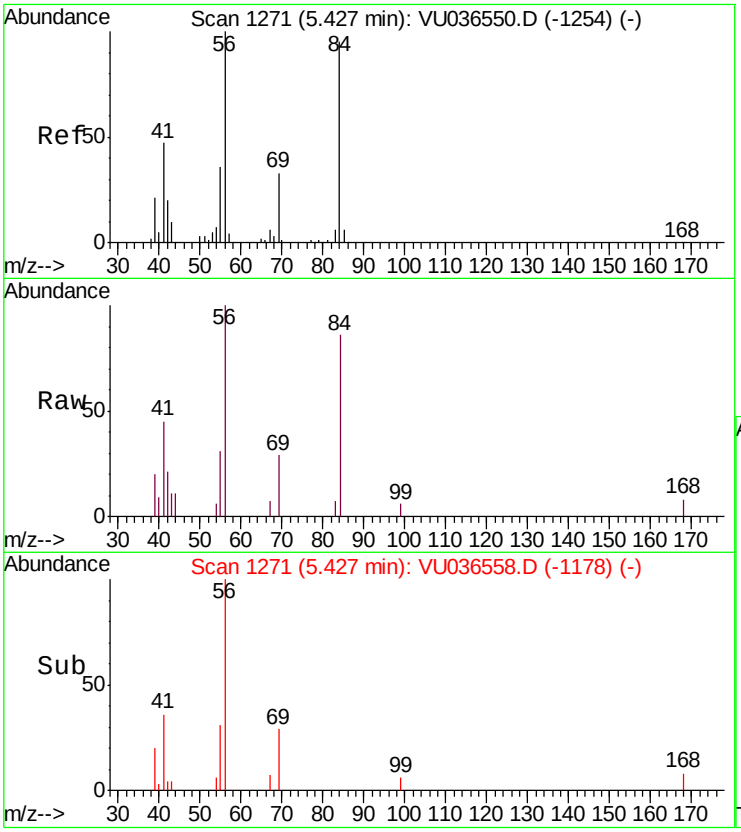


#29
1,1,1-Trichloroethane
Concen: 0.247 ug/L
RT: 5.36 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 97 Resp: 3284

Ion	Ratio	Lower	Upper
97	100		
99	67.7	52.0	78.0
61	44.8	35.6	53.4



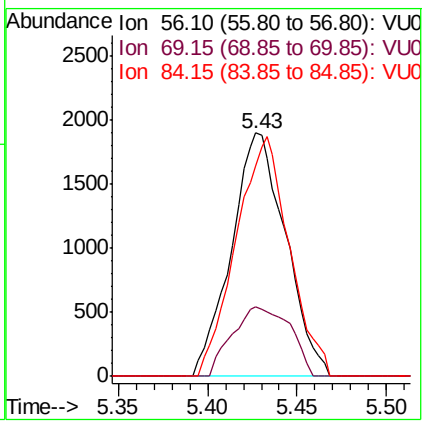


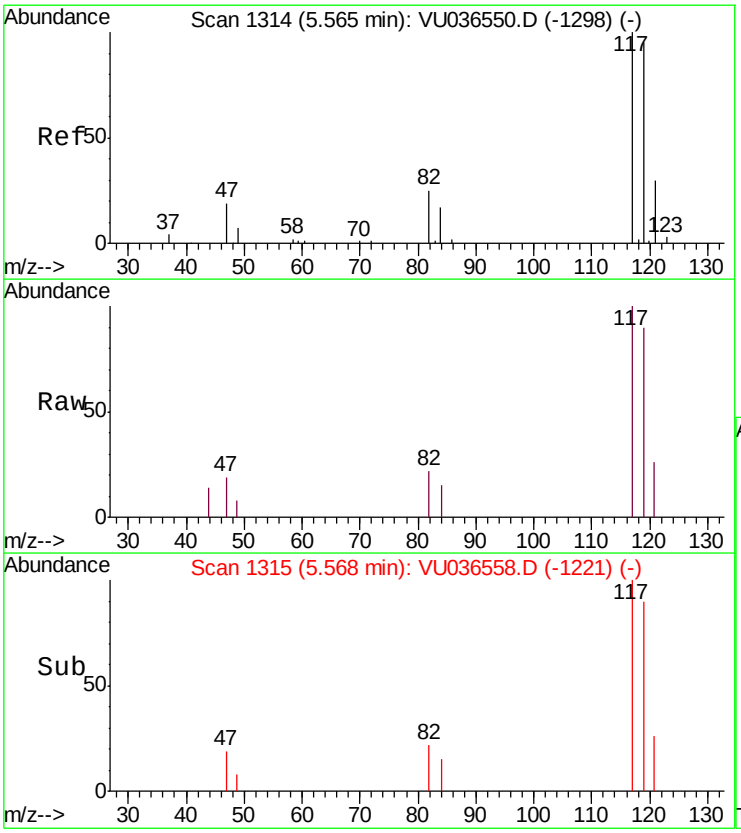
#30
Cyclohexane
Concen: 0.266 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 56 Resp: 4037

Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.7	38.5
84	96.0	75.3	112.9

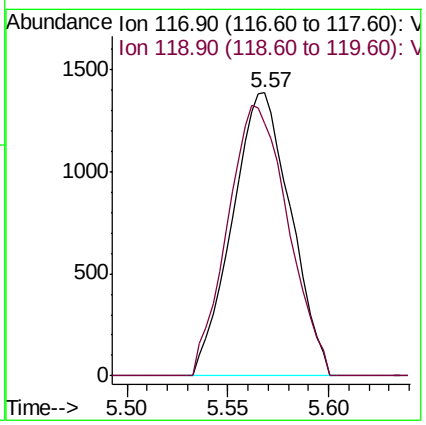


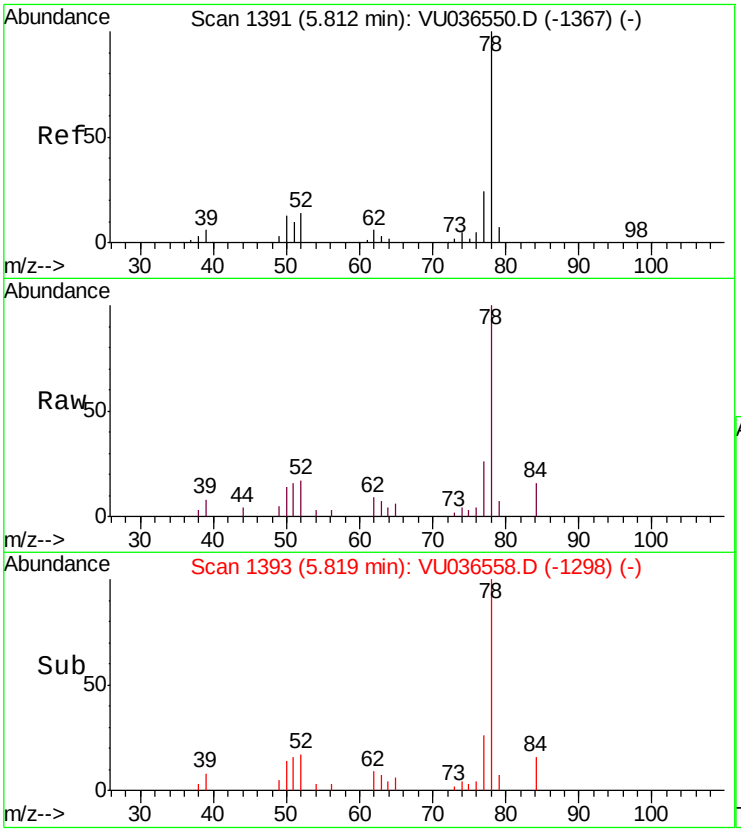


#31
Carbon tetrachloride
Concen: 0.248 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion:117 Resp: 2799

Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.3	114.5

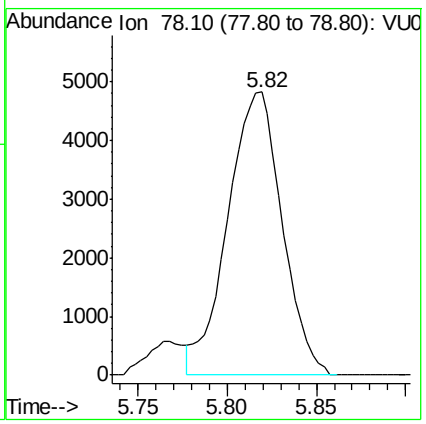


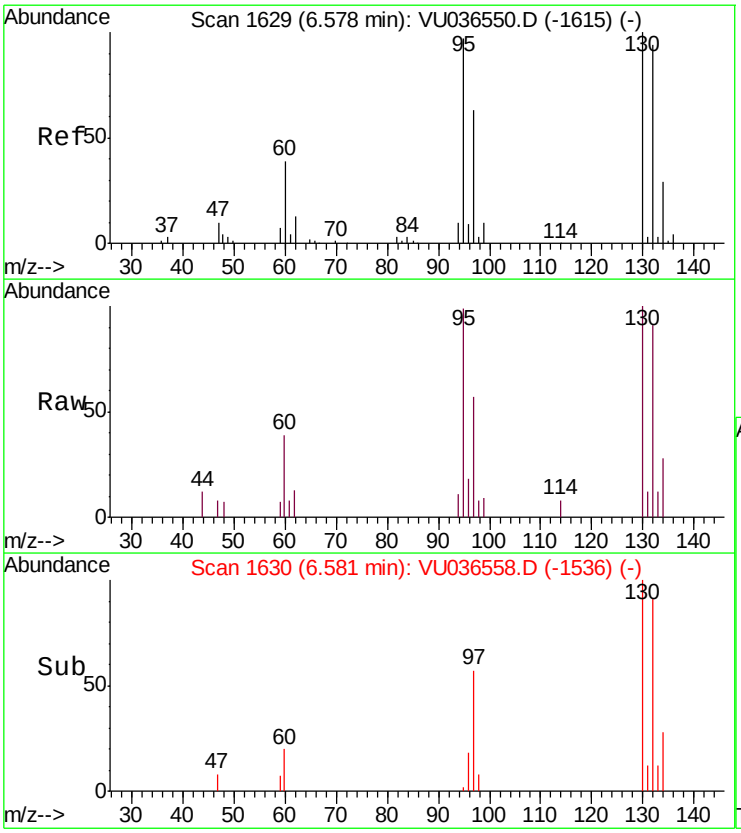


#33
Benzene
Concen: 0.275 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 78 Resp: 10268

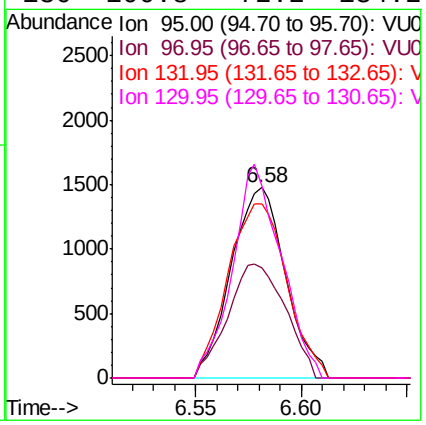


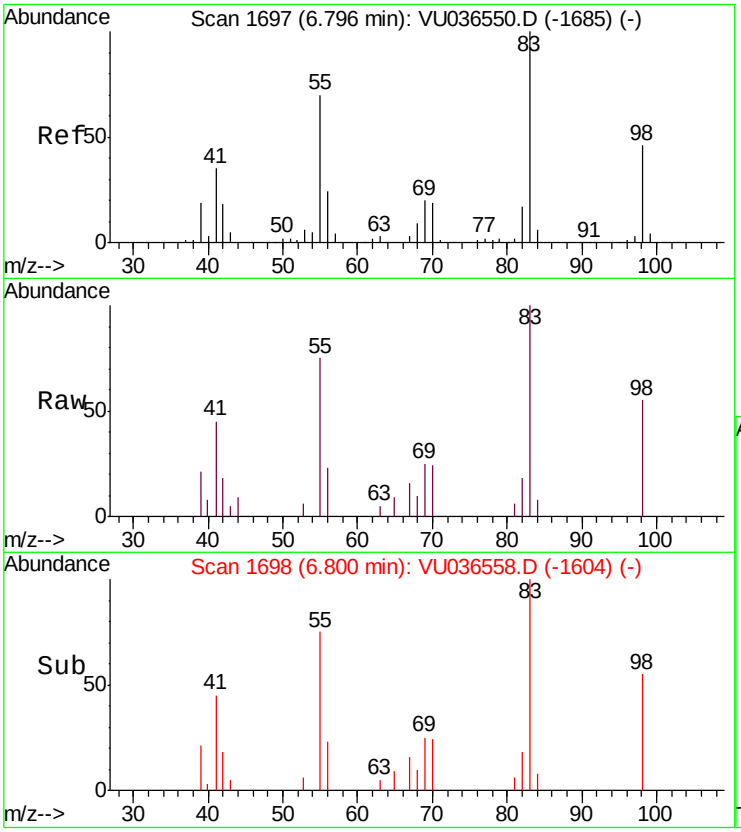


#34
Trichloroethene
Concen: 0.268 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 95 Resp: 2652

Ion	Ratio	Lower	Upper
95	100		
97	57.9	45.6	84.8
132	91.6	67.7	125.7
130	100.8	72.2	134.2



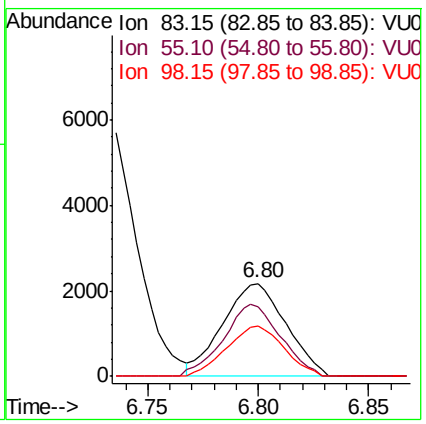


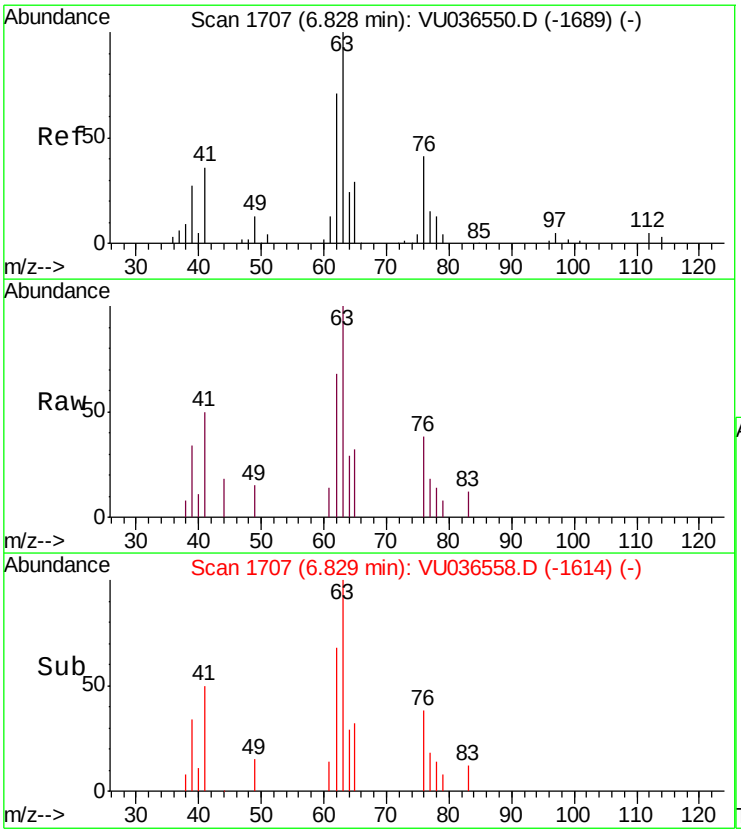
#35
Methylcyclohexane
Concen: 0.255 ug/L
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 4319

Ion	Ratio	Lower	Upper
83	100		
55	69.9	56.9	85.3
98	49.4	36.9	55.3

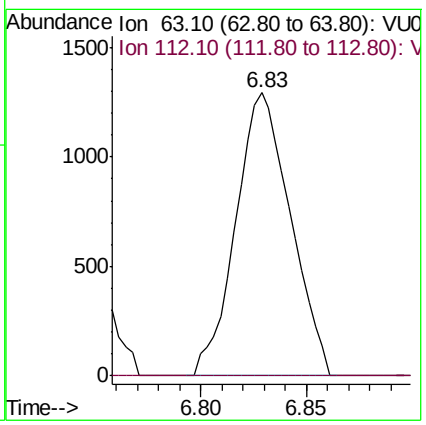


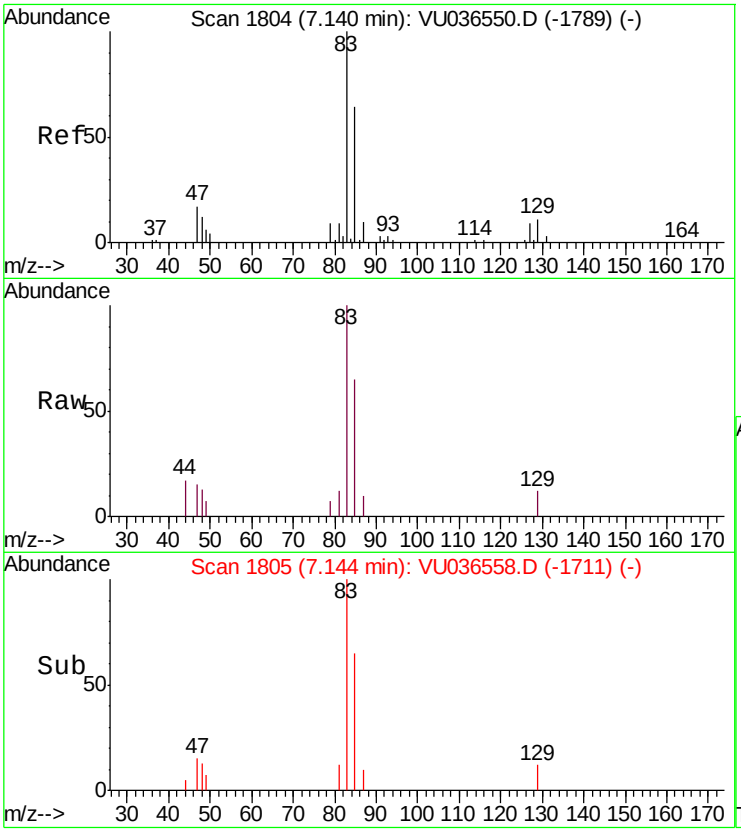


#37
1,2-Dichloropropane
Concen: 0.251 ug/L
RT: 6.83 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 63 Resp: 2333

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#



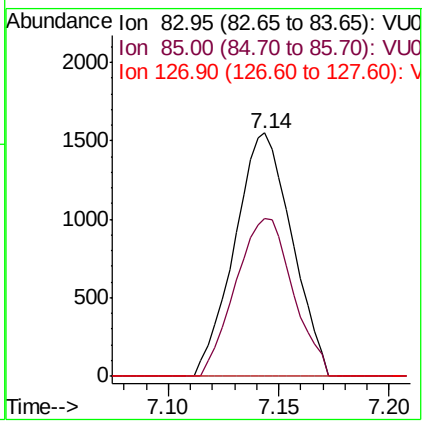


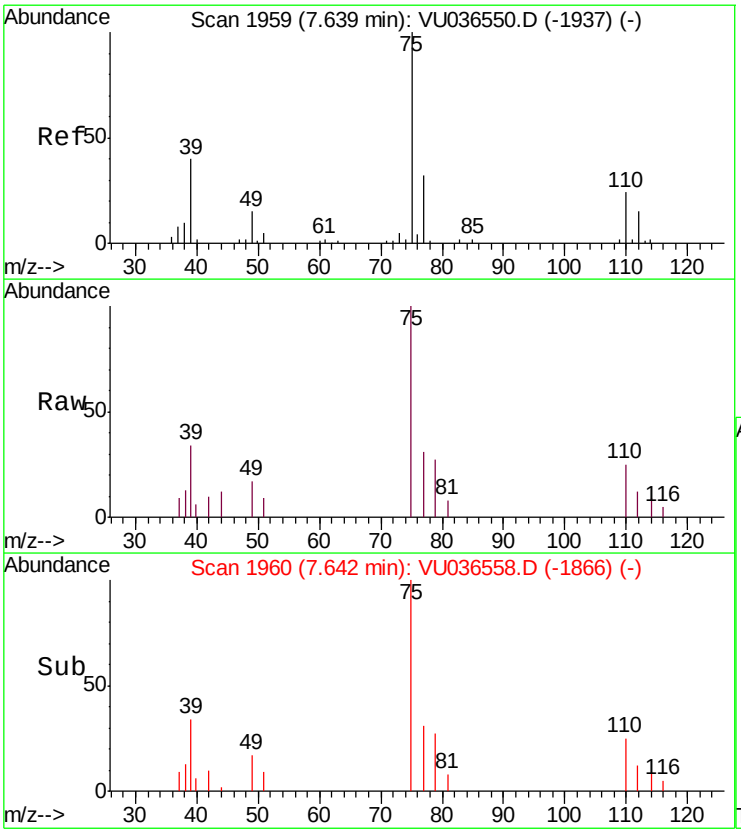
#38
Bromodichloromethane
Concen: 0.245 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 2785

Ion	Ratio	Lower	Upper
83	100		
85	64.6	44.7	82.9
127	0.0	7.2	10.8#

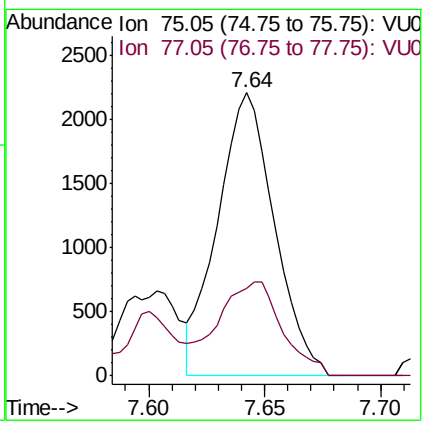


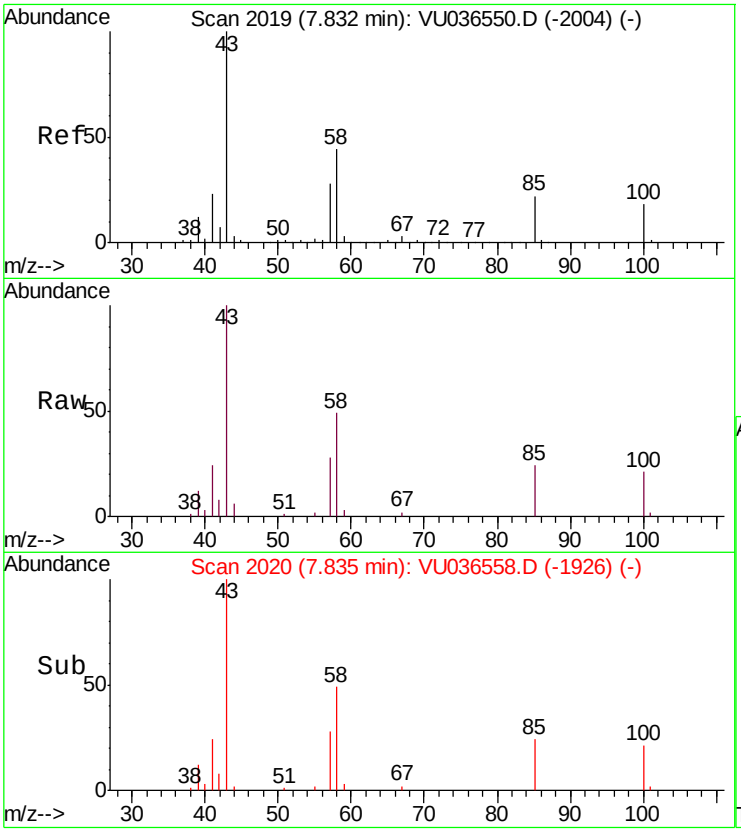


#39
cis-1,3-Dichloropropene
Concen: 0.262 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 75 Resp: 3752

Ion	Ratio	Lower	Upper
75	100		
77	30.9	22.3	41.5



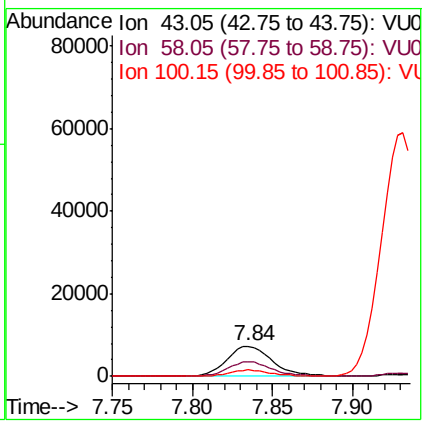


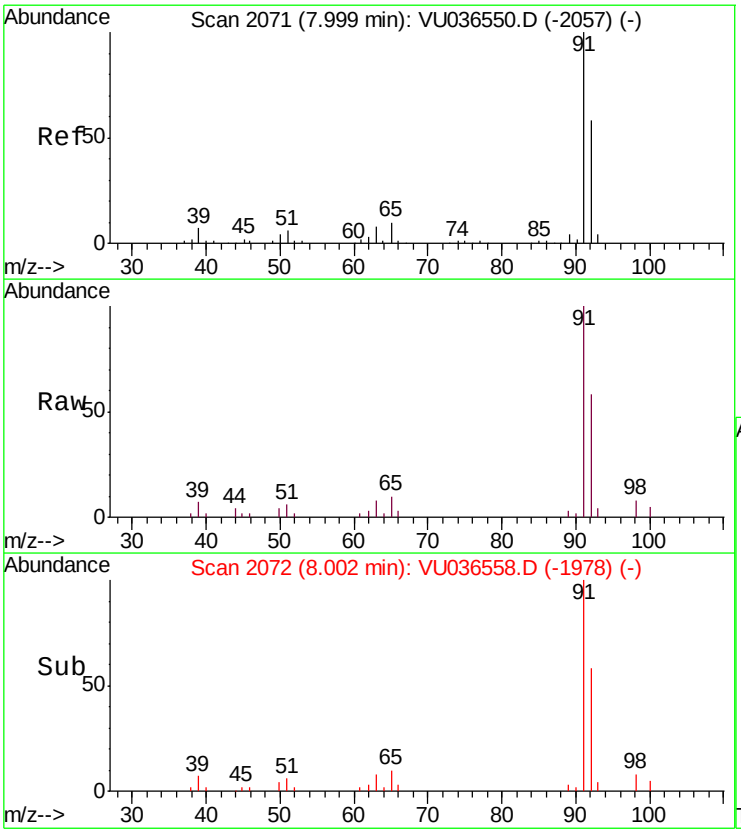
#40
4-Methyl-2-pentanone
Concen: 2.730 ug/L
RT: 7.84 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 14272

Ion	Ratio	Lower	Upper
43	100		
58	46.9	35.6	53.4
100	0.0	14.9	22.3#

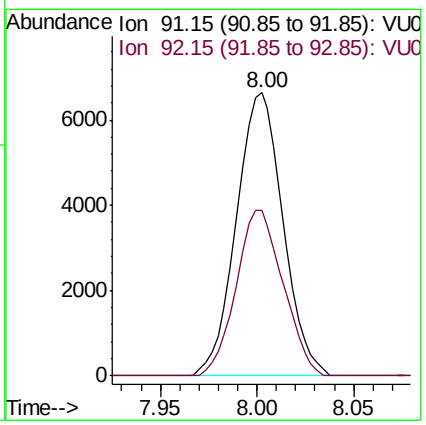


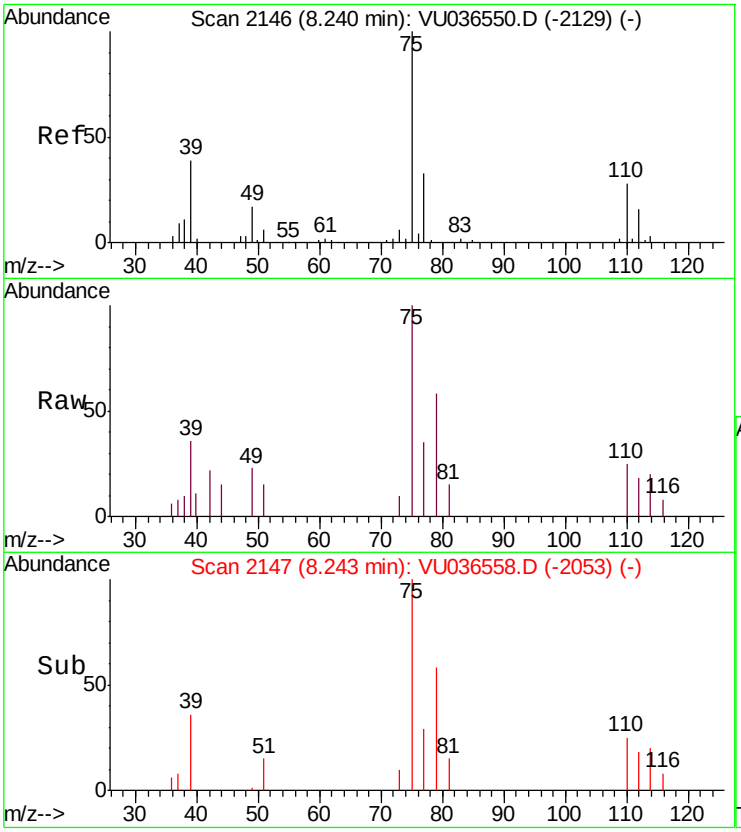


#42
Toluene
Concen: 0.270 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 91 Resp: 11138

Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.6	75.4



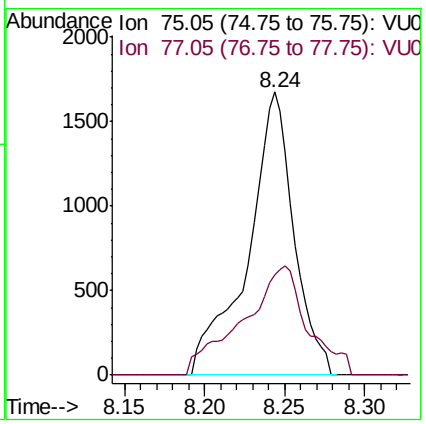


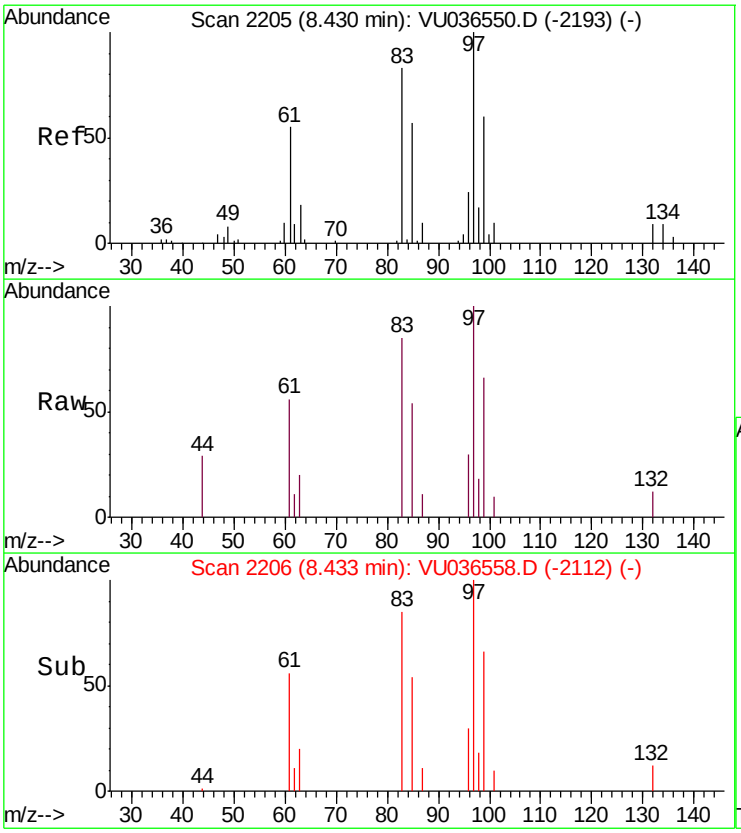
#44
trans-1,3-Dichloropropene
Concen: 0.302 ug/L
RT: 8.24 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 3329

Ion	Ratio	Lower	Upper
75	100		
77	35.4	22.8	42.4

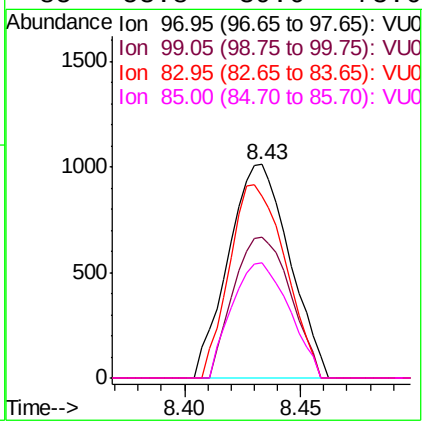


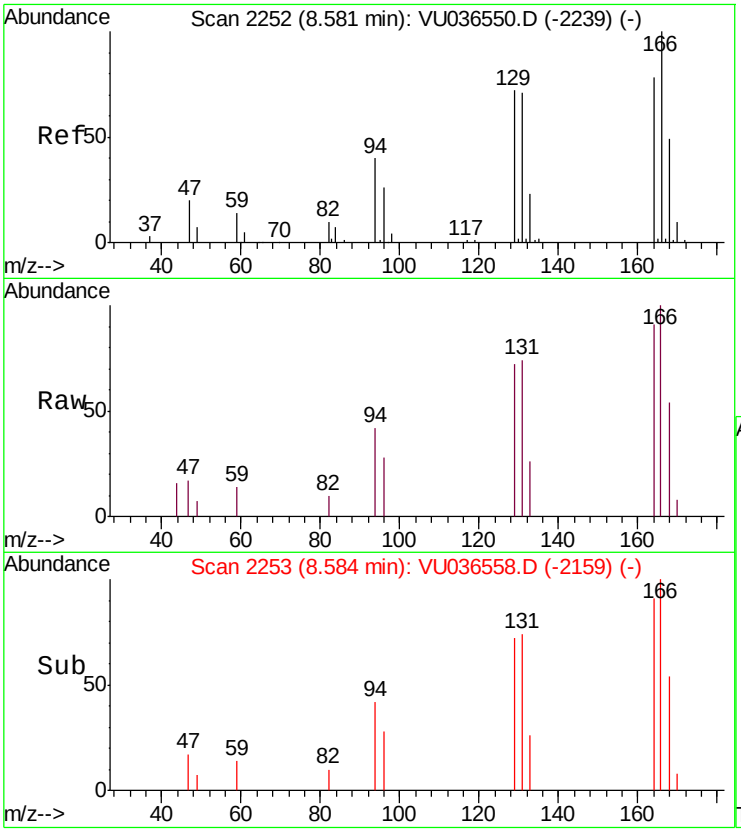


#45
1,1,2-Trichloroethane
Concen: 0.269 ug/L
RT: 8.43 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 97 Resp: 1847

Ion	Ratio	Lower	Upper
97	100		
99	65.9	42.1	78.3
83	85.1	58.4	108.6
85	53.8	39.6	73.6



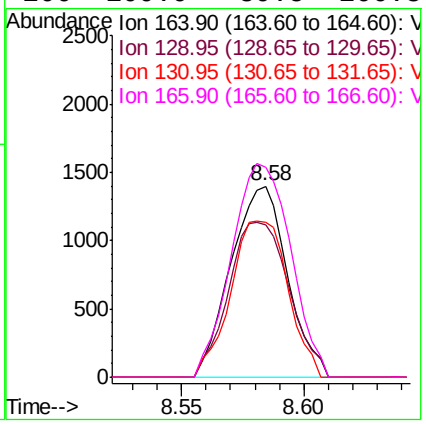


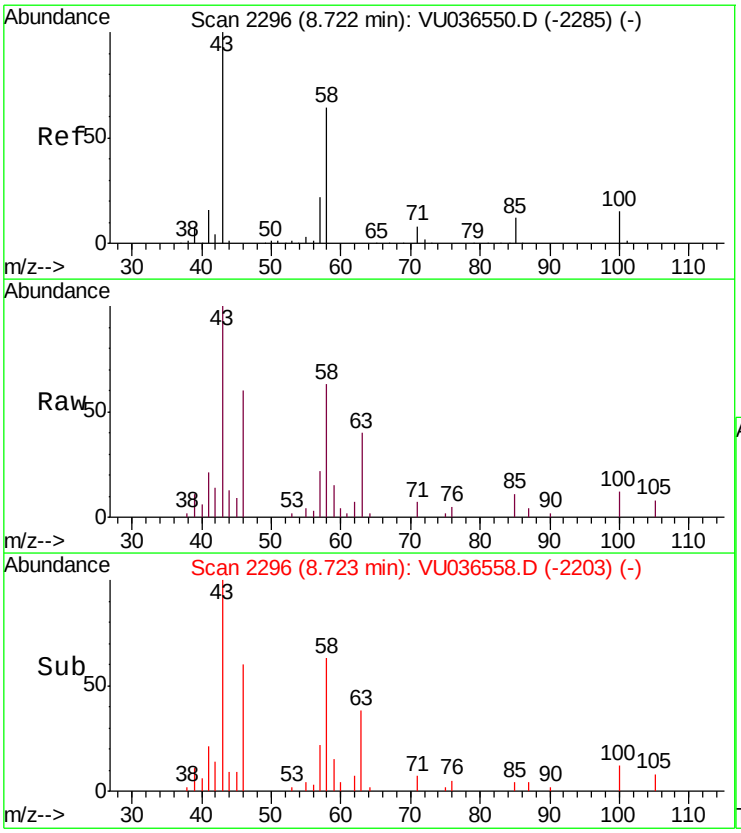
#47
Tetrachloroethene
Concen: 0.278 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion:164 Resp: 2243

Ion	Ratio	Lower	Upper
164	100		
129	79.5	64.7	120.1
131	81.3	64.0	118.8
166	109.9	89.5	166.3

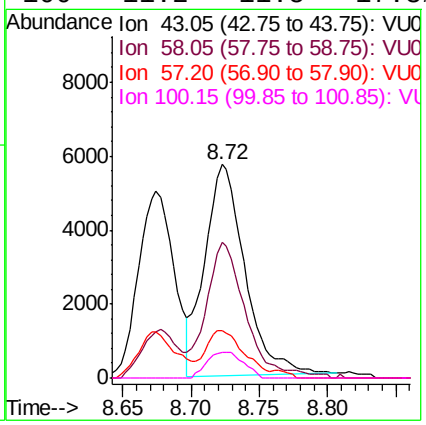


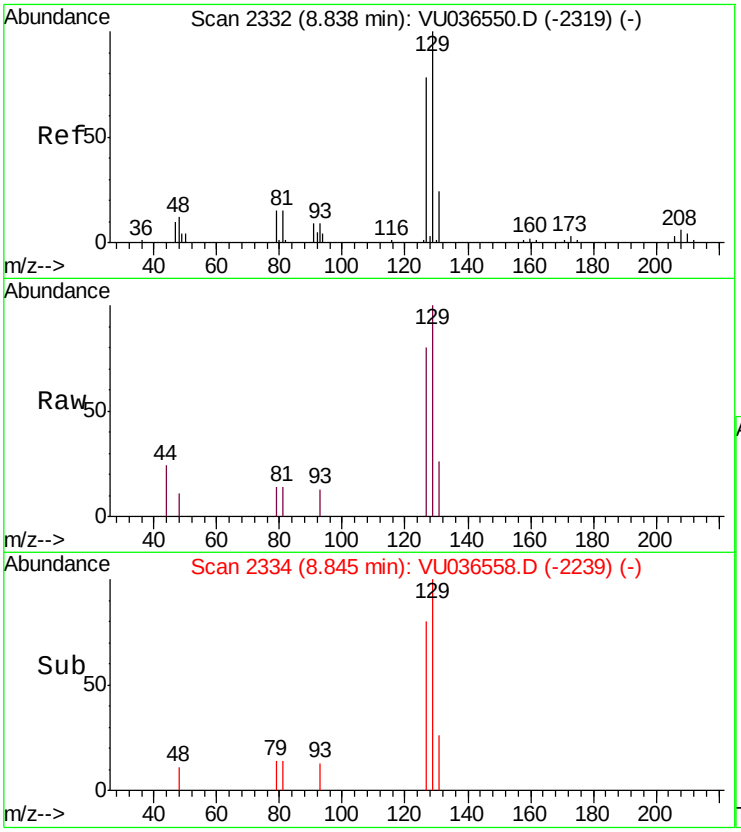


#48
2-Hexanone
Concen: 3.228 ug/L
RT: 8.72 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 43 Resp: 11645

Ion	Ratio	Lower	Upper
43	100		
58	59.1	50.2	75.2
57	23.5	17.5	26.3
100	11.2	11.5	17.3#



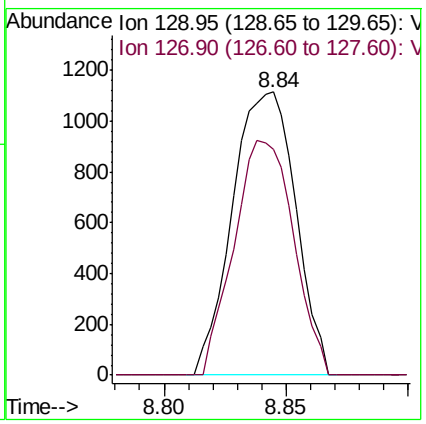


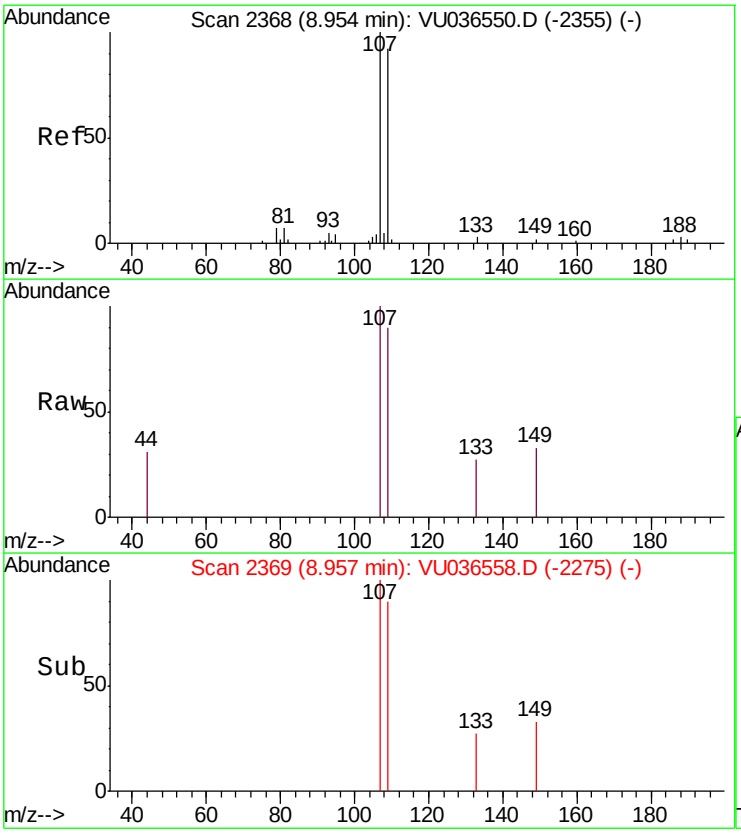
#49
Dibromochloromethane
Concen: 0.255 ug/L
RT: 8.84 min Scan# 2334
Delta R.T. 0.01 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:129 Resp: 2005

Ion	Ratio	Lower	Upper
129	100		
127	79.7	54.5	101.3

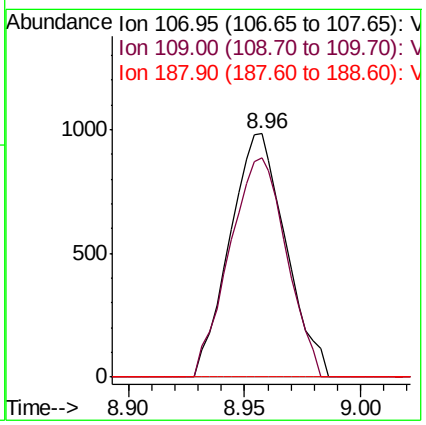


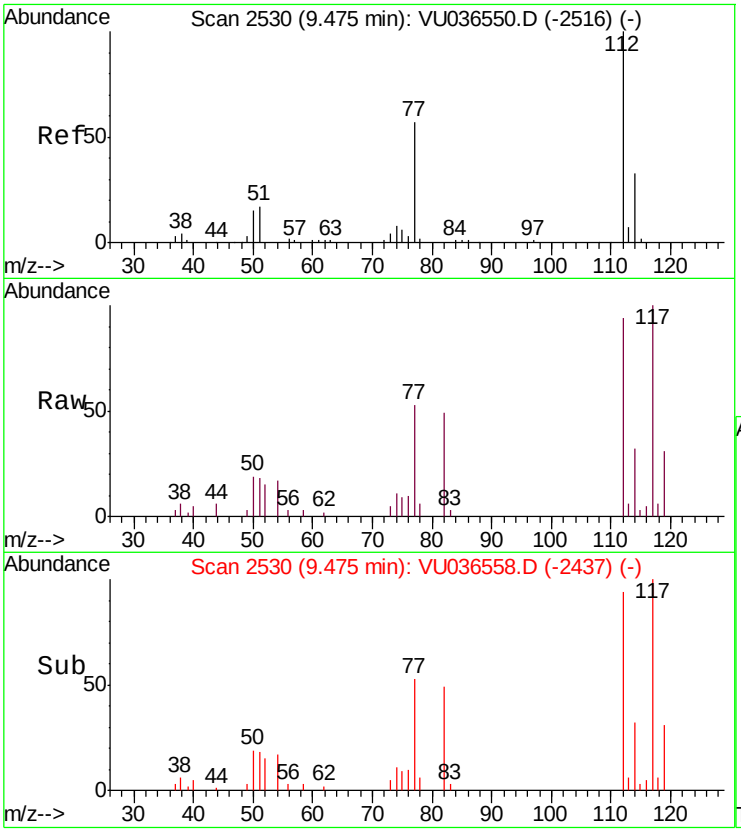


#50
1,2-Dibromoethane
Concen: 0.247 ug/L
RT: 8.96 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion:107 Resp: 1651

Ion	Ratio	Lower	Upper
107	100		
109	89.8	64.5	119.9
188	0.0	2.8	4.2#



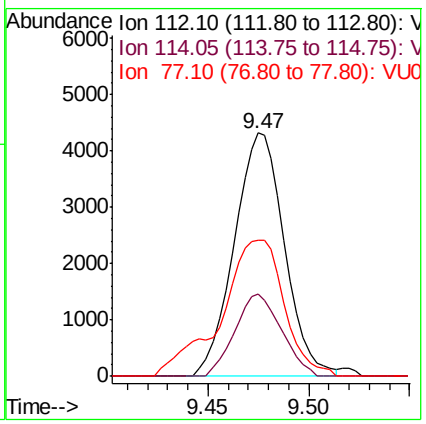


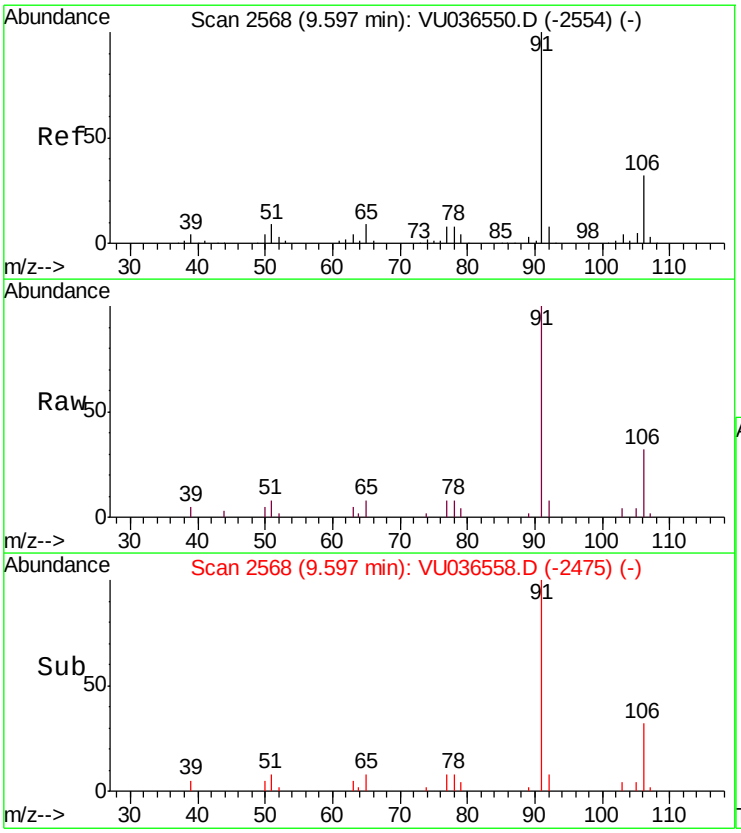
#51
Chlorobenzene
Concen: 0.283 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion:112 Resp: 7512

Ion	Ratio	Lower	Upper
112	100		
114	34.0	23.2	43.2
77	56.1	45.9	68.9

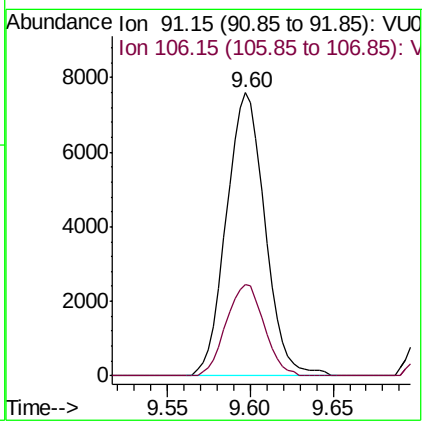


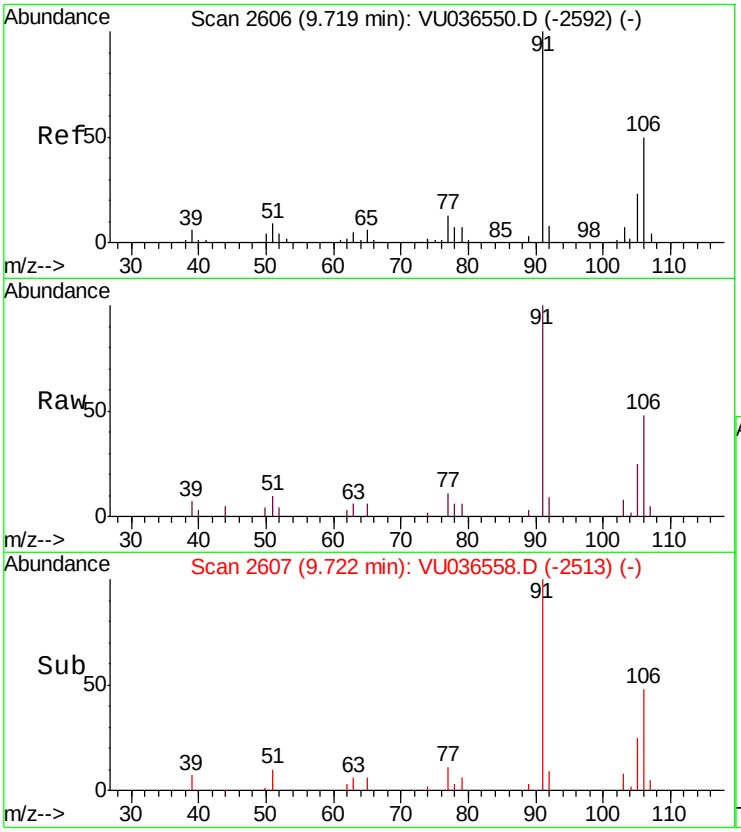


#52
Ethylbenzene
Concen: 0.274 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 91 Resp: 12300

Ion	Ratio	Lower	Upper
91	100		
106	32.5	22.3	41.3



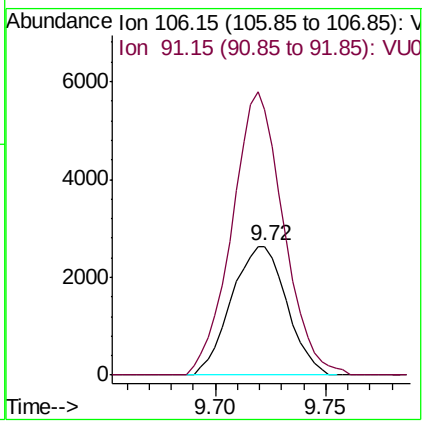


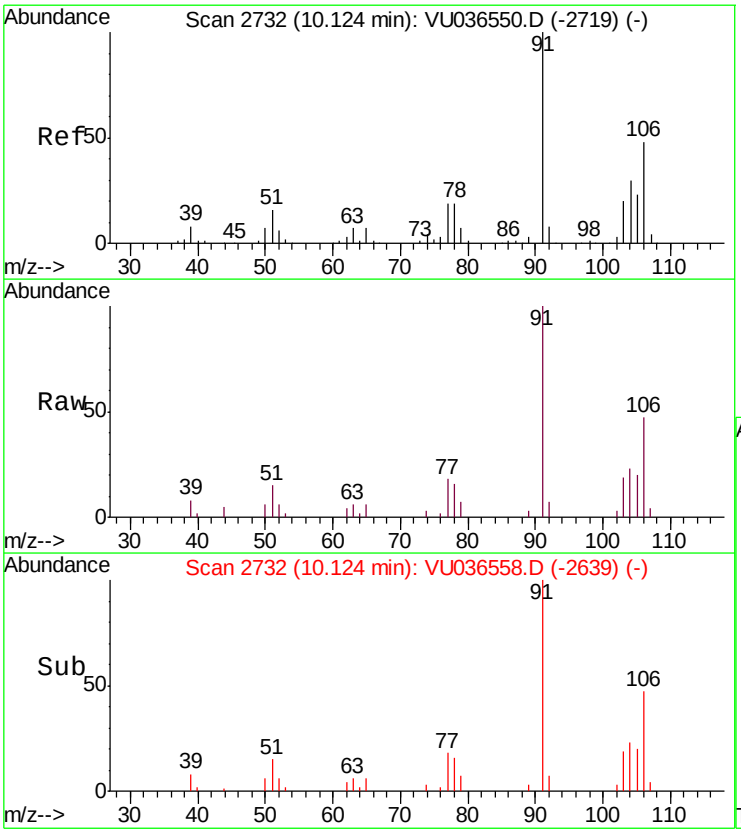
#53
m,p-Xylene
Concen: 0.263 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:106 Resp: 4578

Ion	Ratio	Lower	Upper
106	100		
91	206.5	141.4	262.6

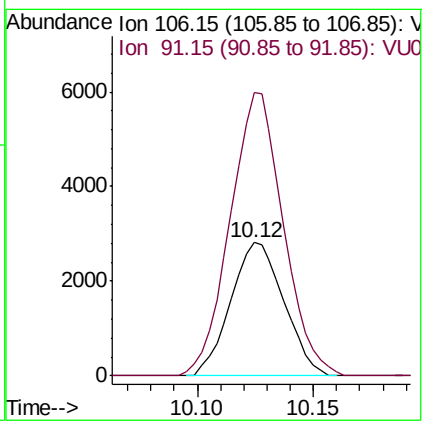


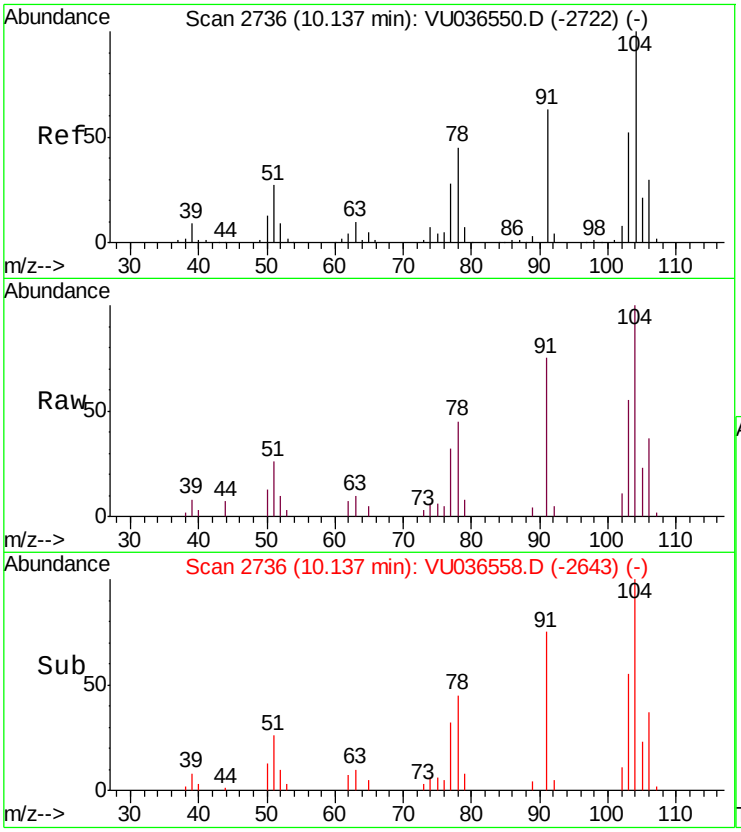


#54
o-Xylene
Concen: 0.262 ug/L
RT: 10.12 min Scan# 2732
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion:106 Resp: 4484

Ion	Ratio	Lower	Upper
106	100		
91	212.2	146.2	271.4



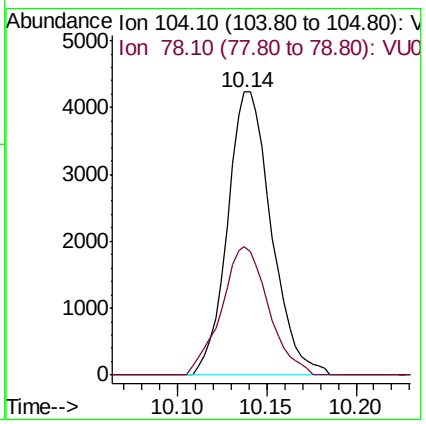


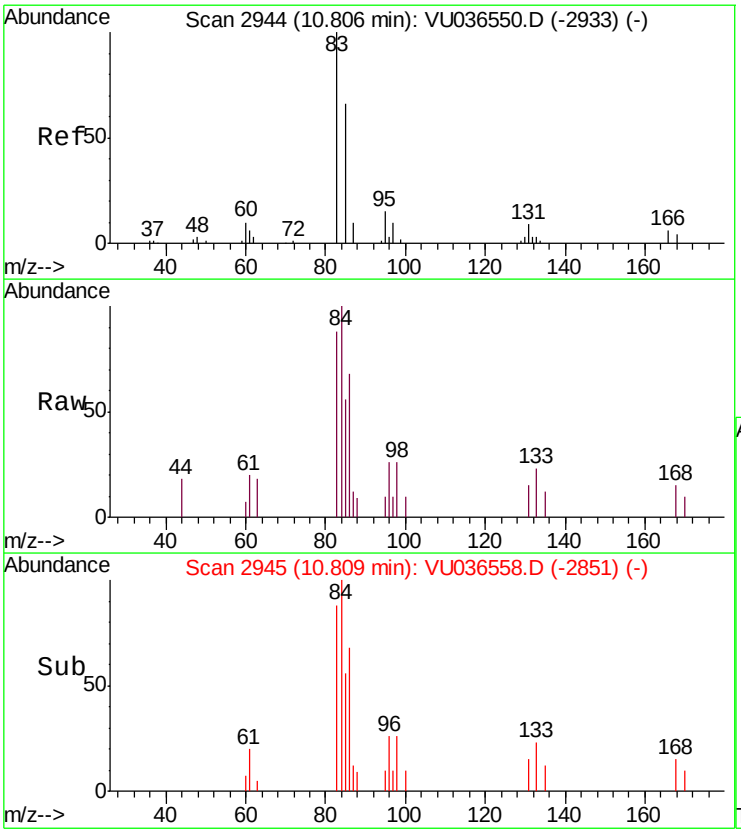
#55
Styrene
Concen: 0.259 ug/L
RT: 10.14 min Scan# 2736
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:104 Resp: 7260

Ion	Ratio	Lower	Upper
104	100		
78	45.3	31.9	59.2

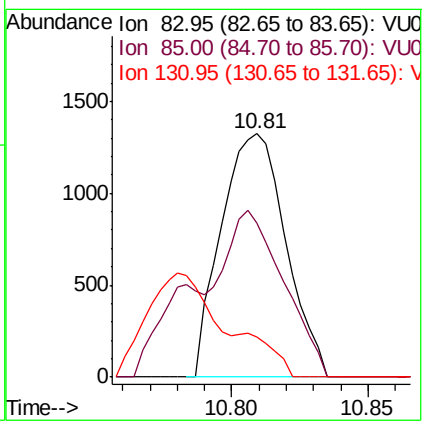


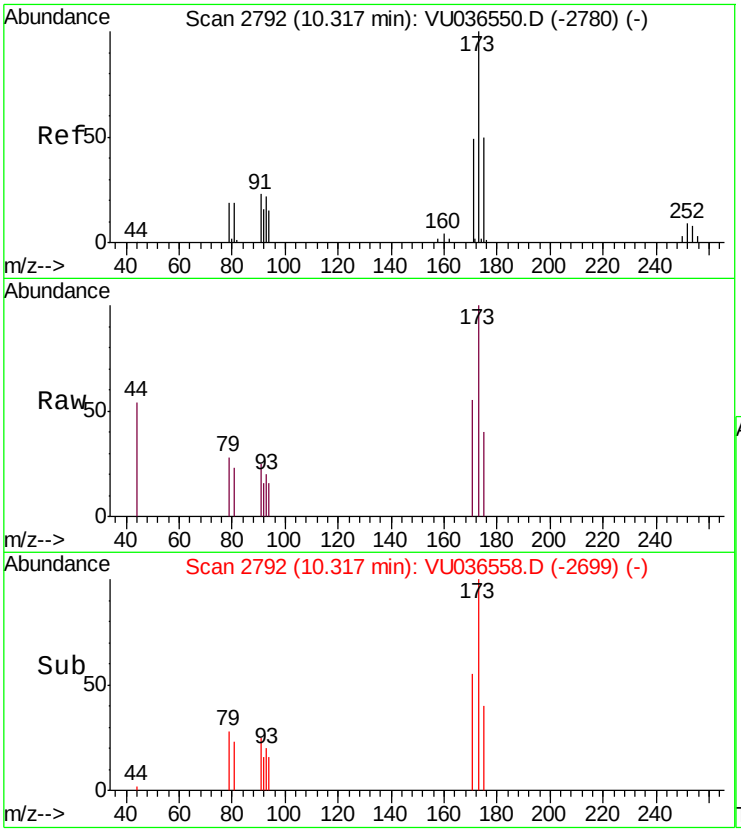


#57
1,1,2,2-Tetrachloroethane
Concen: 0.252 ug/L
RT: 10.81 min Scan# 2945
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion: 83 Resp: 2175

Ion	Ratio	Lower	Upper
83	100		
85	63.4	47.0	87.4
131	16.6	8.1	12.1#



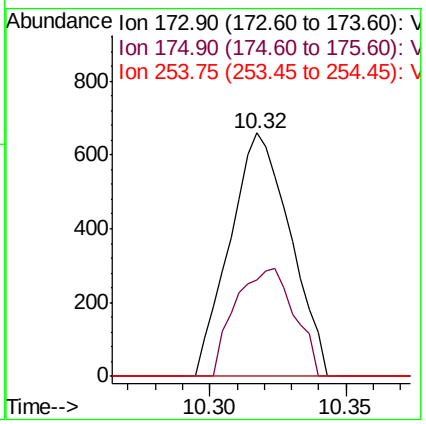


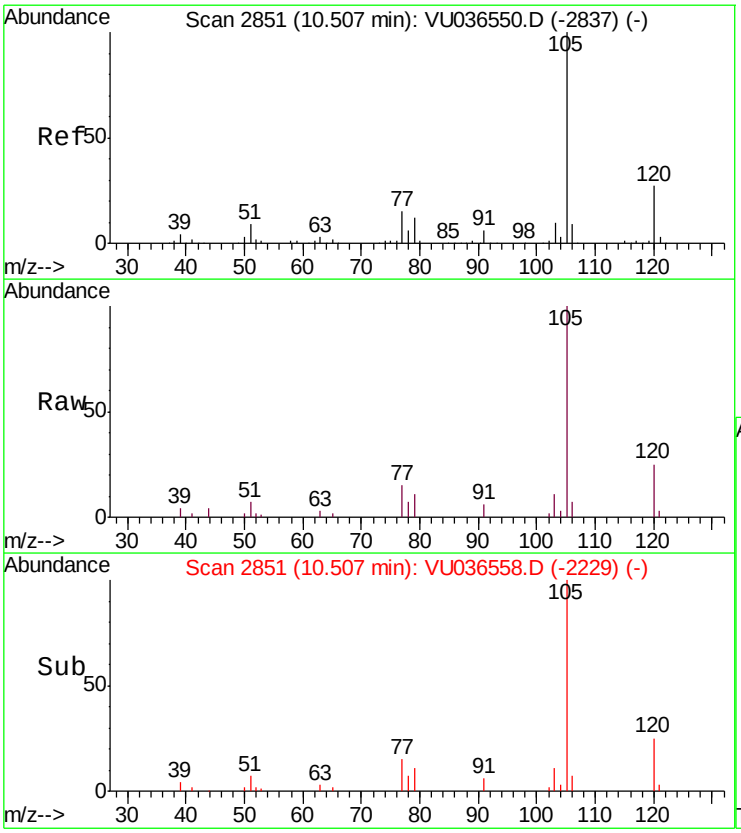
#59
Bromoform
Concen: 0.241 ug/L
RT: 10.32 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:173 Resp: 1012

Ion	Ratio	Lower	Upper
173	100		
175	43.4	39.0	58.4
254	0.0	6.3	9.5#

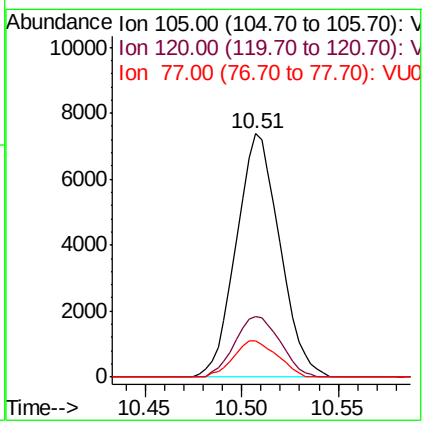


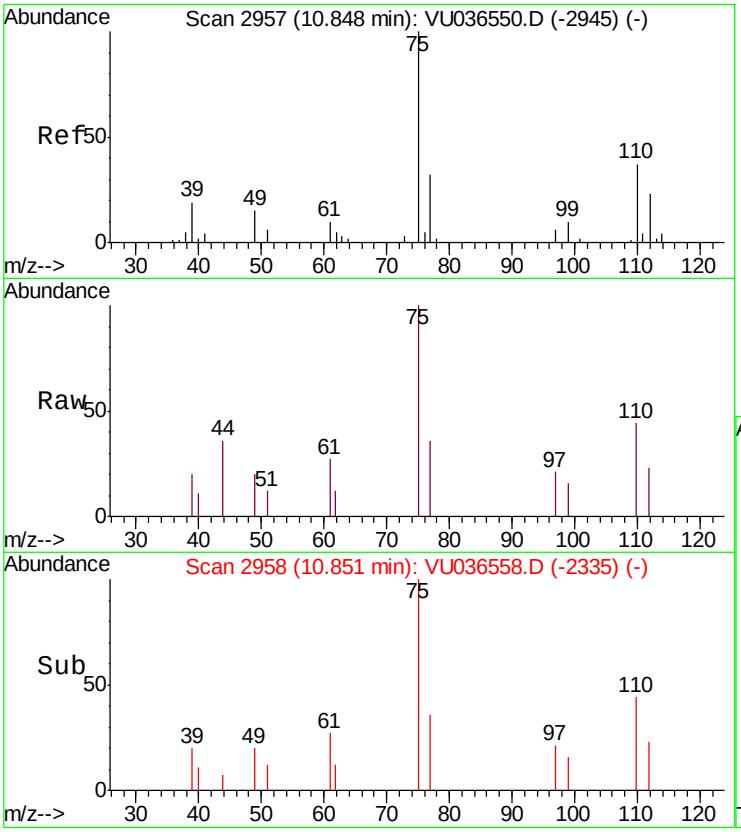


#60
Isopropylbenzene
Concen: 0.274 ug/L
RT: 10.51 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion:105 Resp: 11550

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.5	32.3
77	15.0	12.2	18.2



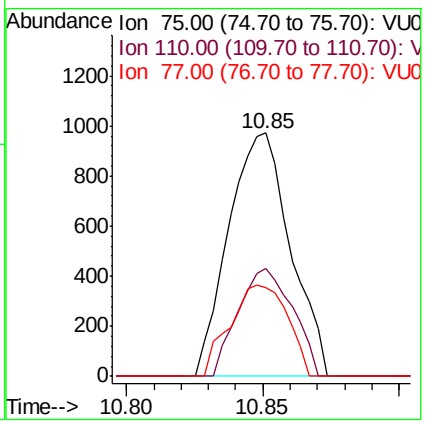


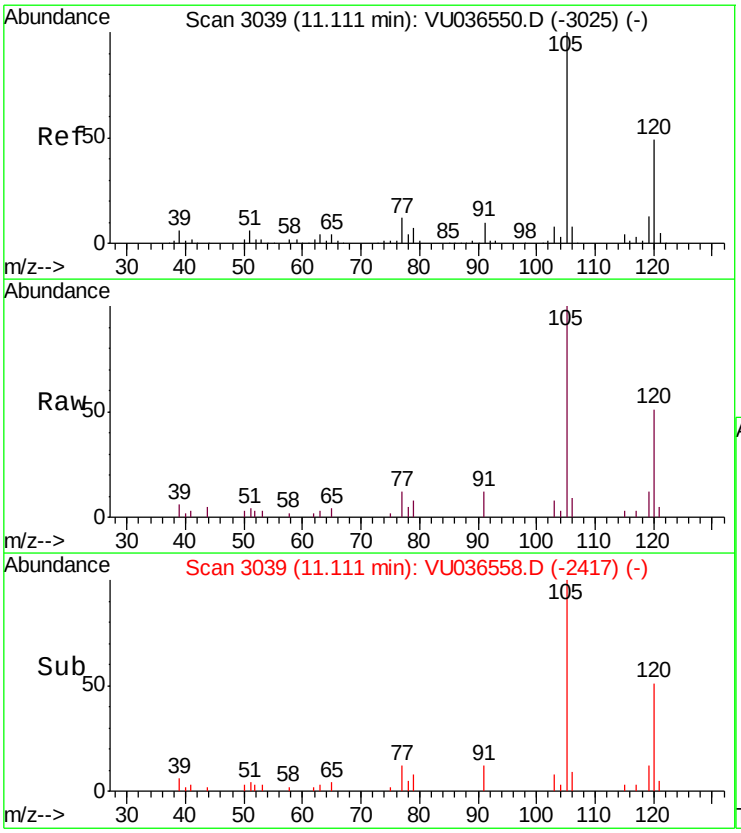
#61
1,2,3-Trichloropropane
Concen: 0.263 ug/L
RT: 10.85 min Scan# 2958
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 1528

Ion	Ratio	Lower	Upper
75	100		
110	39.4	29.0	43.4
77	34.9	25.8	38.6

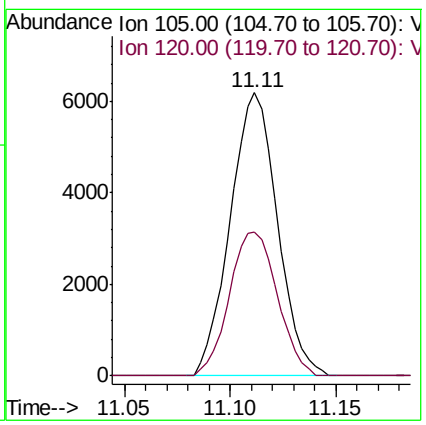


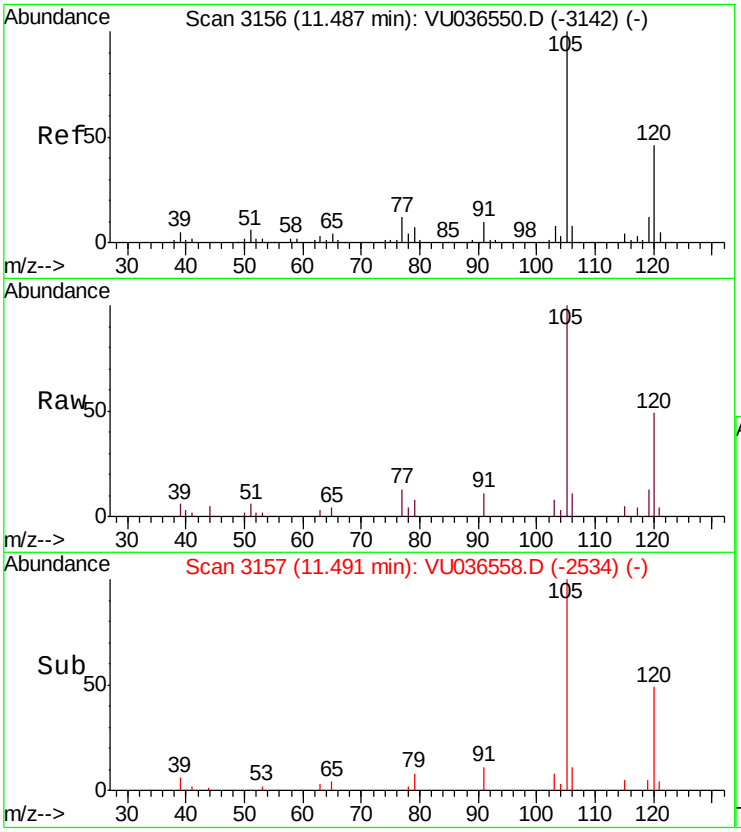


#62
1,3,5-Trimethylbenzene
Concen: 0.266 ug/L
RT: 11.11 min Scan# 3039
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion:105 Resp: 9611

Ion	Ratio	Lower	Upper
105	100		
120	51.5	39.7	59.5



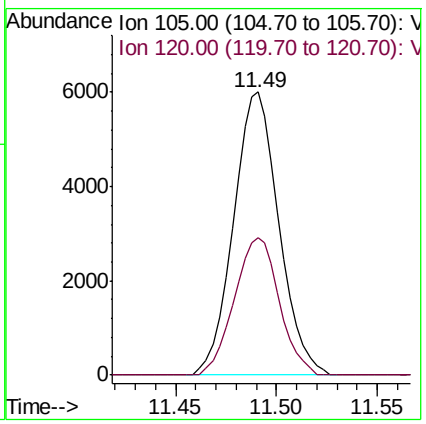


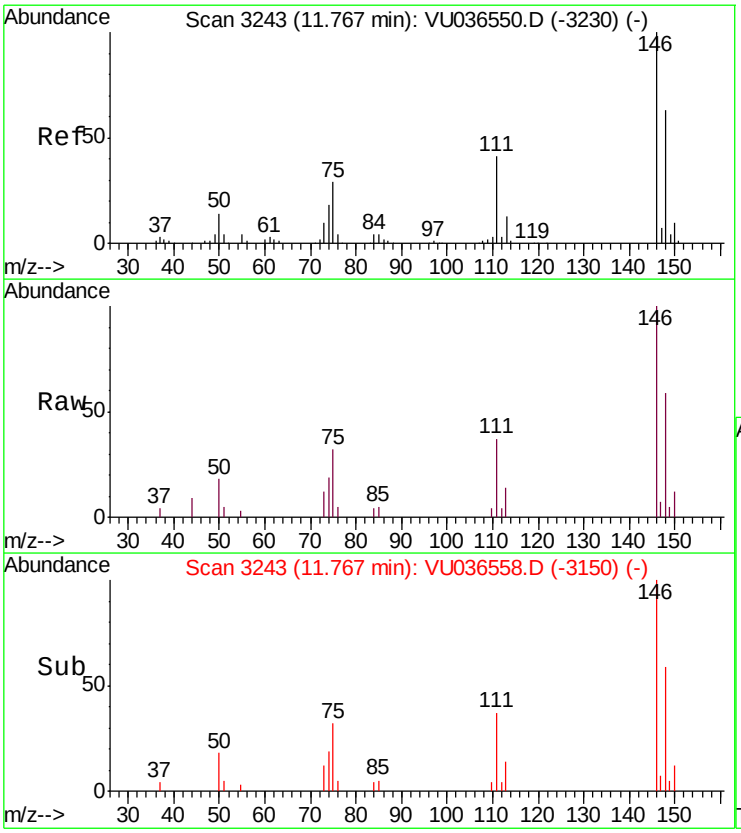
#63
1,2,4-Trimethylbenzene
Concen: 0.263 ug/L
RT: 11.49 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 9430

Ion	Ratio	Lower	Upper
105	100		
120	48.1	36.9	55.3

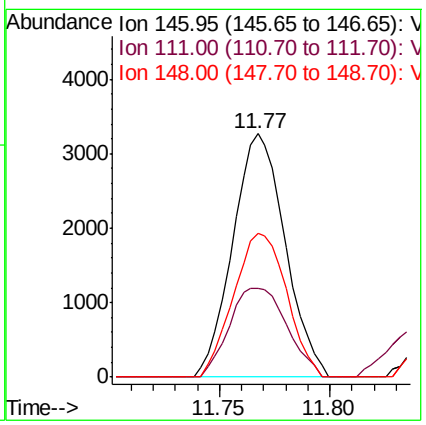


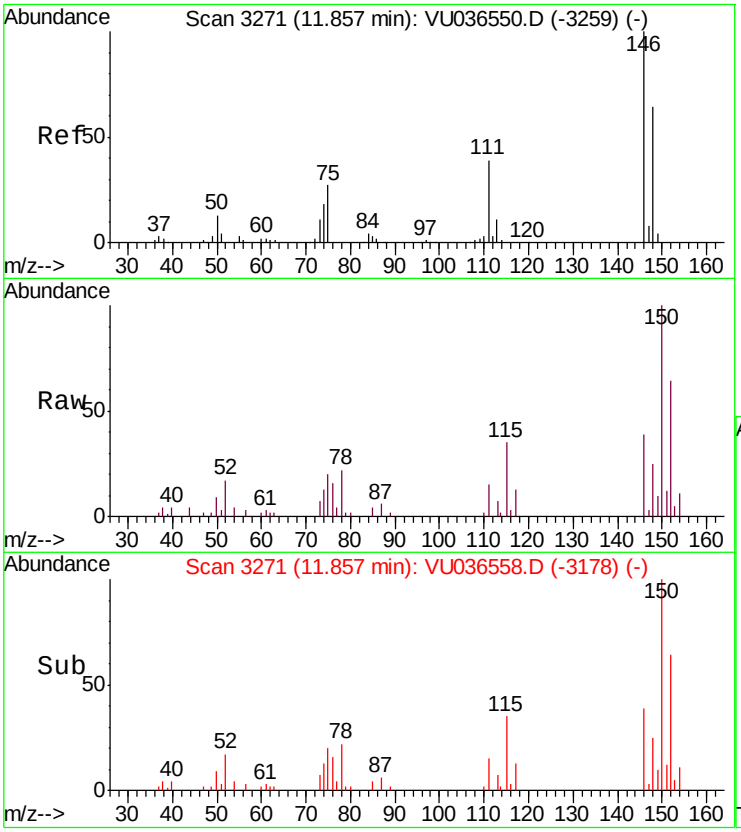


#64
1,3-Dichlorobenzene
Concen: 0.274 ug/L
RT: 11.77 min Scan# 3243
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion:146 Resp: 5384

Ion	Ratio	Lower	Upper
146	100		
111	36.6	28.8	53.6
148	59.1	44.2	82.2



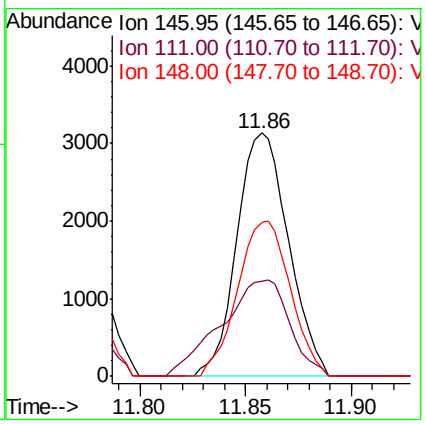


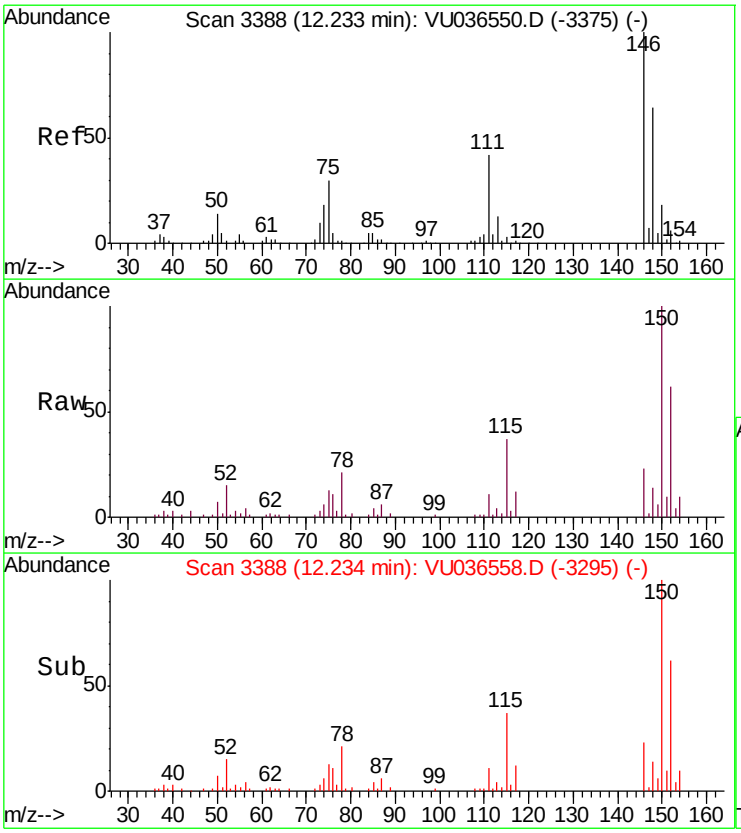
#65
1,4-Dichlorobenzene
Concen: 0.271 ug/L
RT: 11.86 min Scan# 3271
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 5331

Ion	Ratio	Lower	Upper
146	100		
111	39.1	27.2	50.6
148	63.5	44.8	83.2

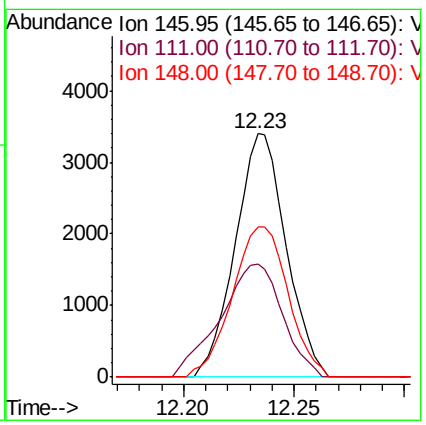


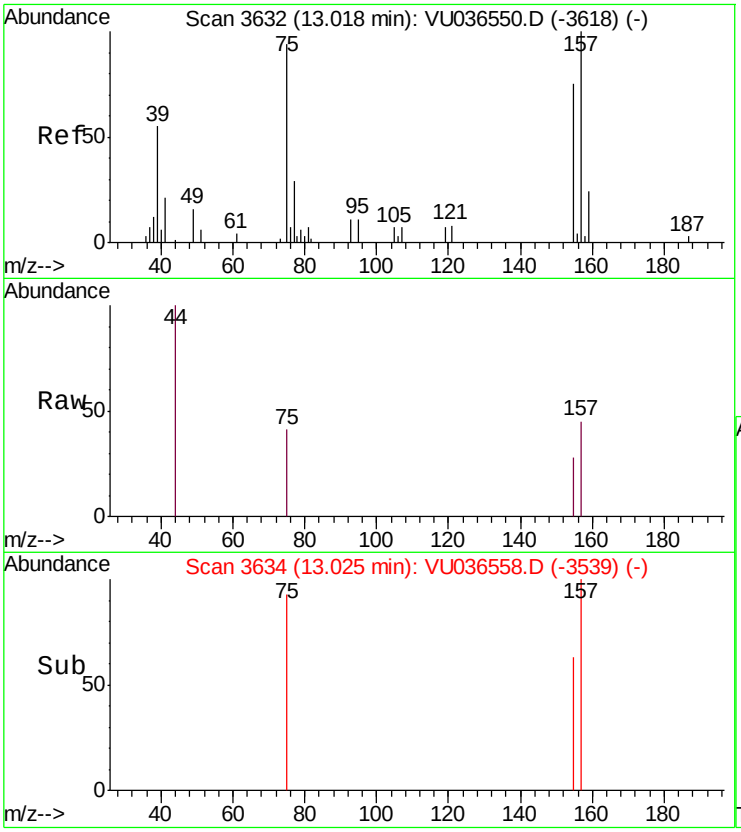


#67
1,2-Dichlorobenzene
Concen: 0.289 ug/L
RT: 12.23 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion:146 Resp: 5443

Ion	Ratio	Lower	Upper
146	100		
111	46.4	33.4	50.0
148	61.4	51.0	76.4



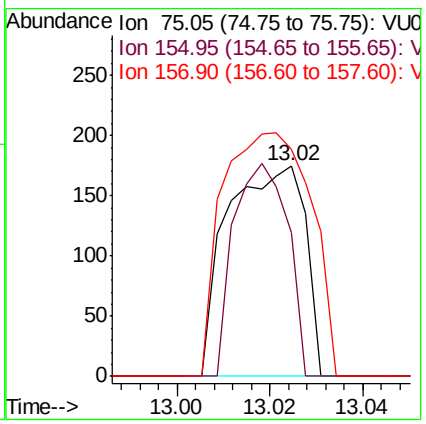


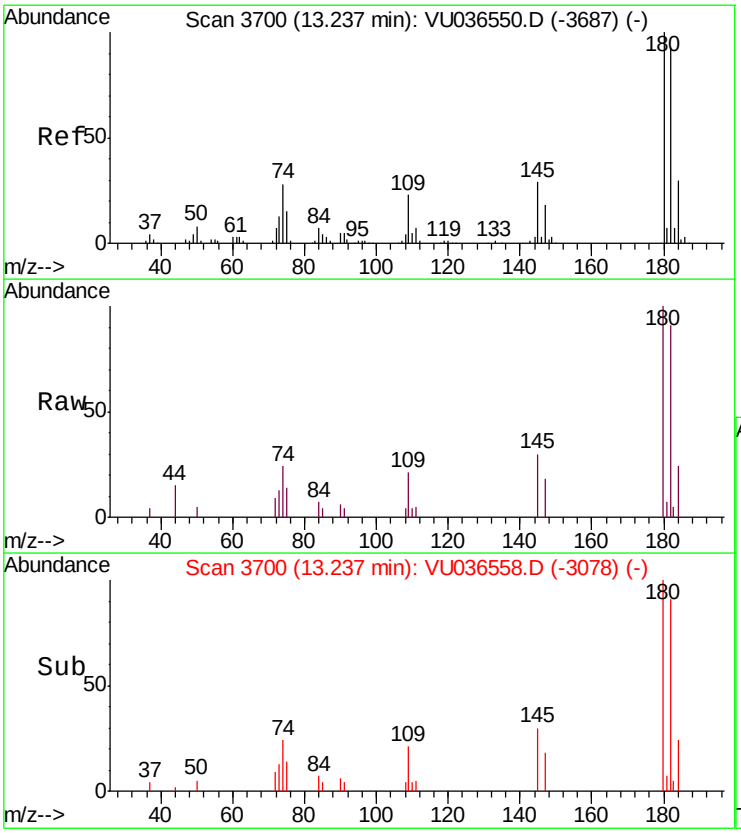
#68
1,2-Dibromo-3-chloropropane
Concen: 0.165 ug/L
RT: 13.02 min Scan# 3634
Delta R.T. 0.01 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 203

Ion	Ratio	Lower	Upper
75	100		
155	68.0	64.2	96.4
157	108.0	85.1	127.7

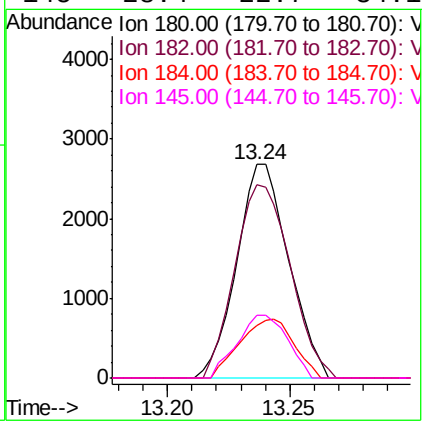


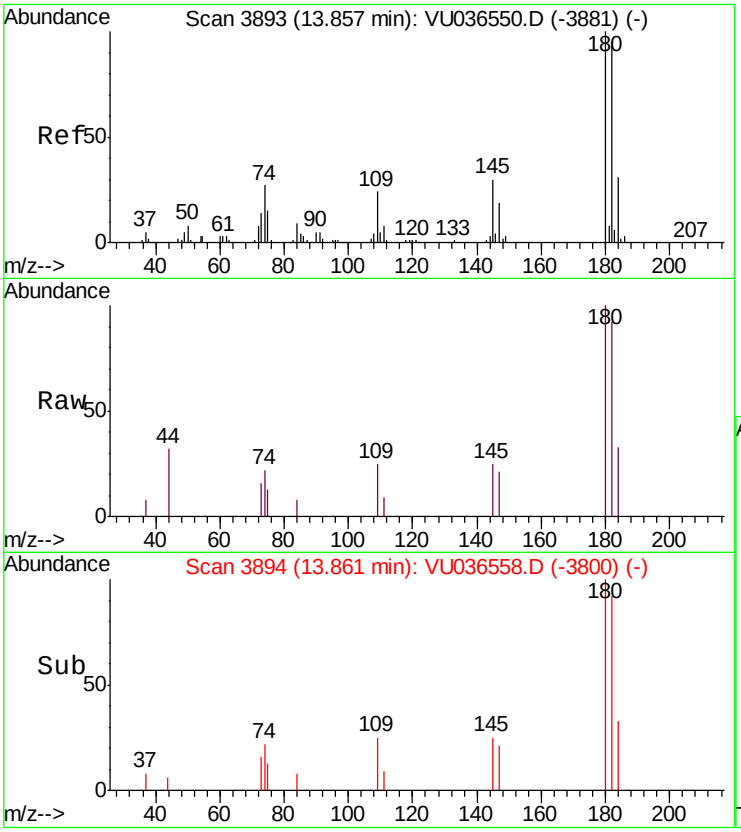


#69
1,3,5-Trichlorobenzene
Concen: 0.262 ug/L
RT: 13.24 min Scan# 3700
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion:180 Resp: 3968

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.2	112.8
184	28.7	23.9	35.9
145	28.4	22.7	34.1



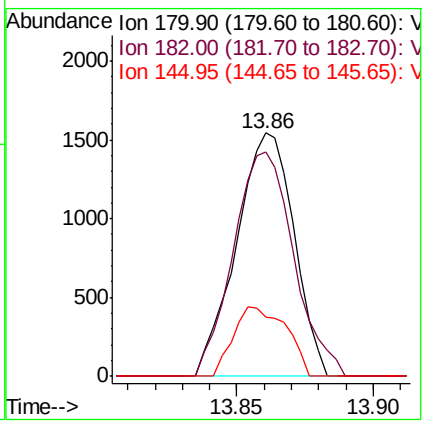


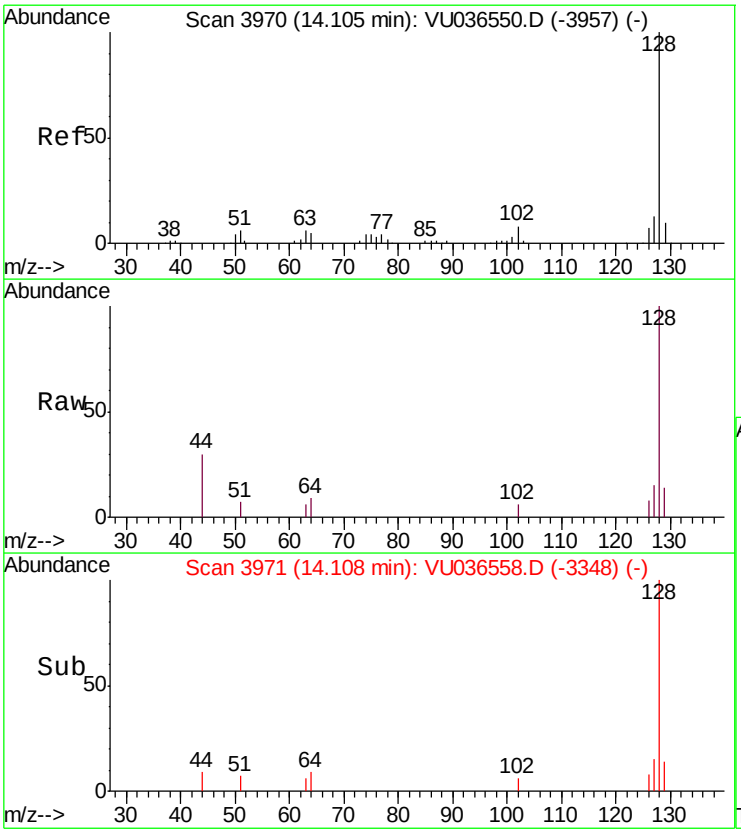
#70
1,2,4-trichlorobenzene
Concen: 0.206 ug/L
RT: 13.86 min Scan# 3894
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:180 Resp: 2260

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.4
145	26.3	23.9	35.9

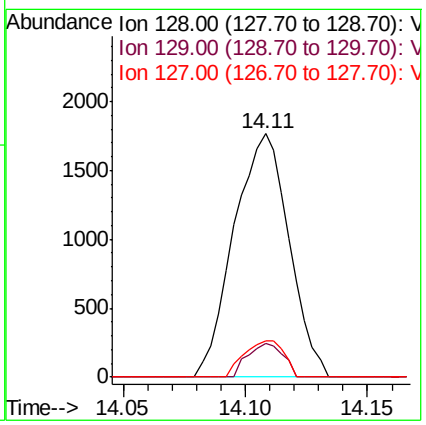


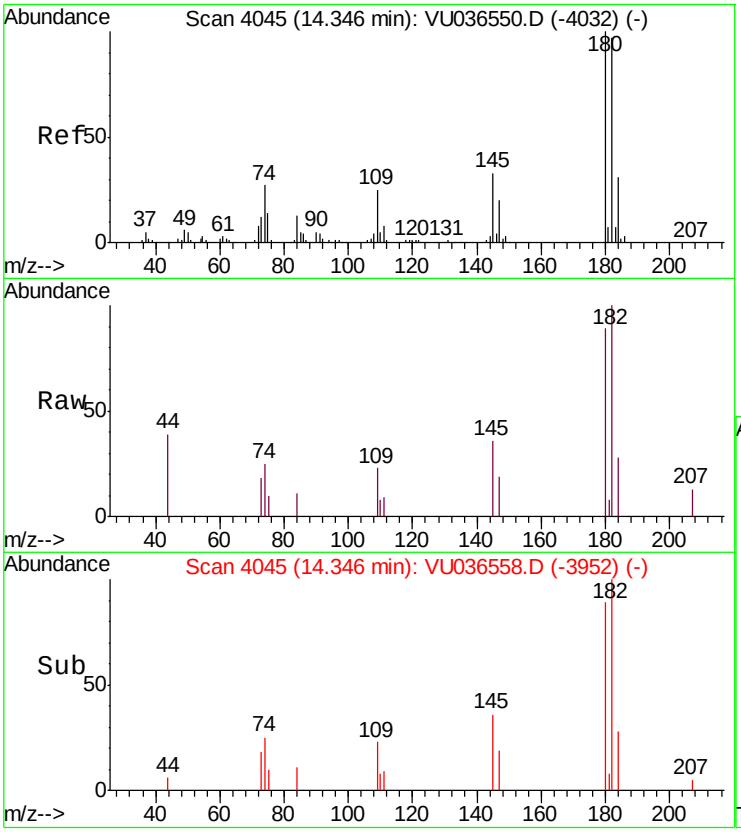


#71
Naphthalene
Concen: 0.176 ug/L
RT: 14.11 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Tgt Ion:128 Resp: 2764

Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.4	12.6
127	10.7	9.9	14.9





#72
1,2,3-Trichlorobenzene
Concen: 0.194 ug/L
RT: 14.35 min Scan# 4045
Delta R.T. 0.00 min
Lab File: VU036558.D
Acq: 24 Jan 2020 16:31

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:180 Resp: 1924

Ion	Ratio	Lower	Upper
180	100		
182	111.4	76.2	114.2
145	36.1	25.6	38.4