Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020620\

Quantitation Report (Not Reviewed)

Data File : VU036688.D
Acq On : 06 Feb 2020 16:06
Operator : JC/MD
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Feb 07 04:55:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 04:51:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	257468	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	241984	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	103753	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	82421	48.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.00%			
7) Chloroethane-d5	1.93	69	77170	48.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.94%			
11) 1,1-Dichloroethene-d2	2.59	63	118863	36.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.34%			
21) 2-Butanone-d5	4.68	46	159644	108.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.98%			
24) Chloroform-d	5.11	84	147912	47.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.75	65	106581	50.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.28%			
32) Benzene-d6	5.77	84	322175	50.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.28%			
36) 1,2-Dichloropropane-d6	6.73	67	107577	50.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.88%			
41) Toluene-d8	7.93	98	289089	49.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.24%			
43) trans-1,3-Dichloropropene-	8.21	79	48974	48.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.86%			
47) 2-Hexanone-d5	8.67	63	125275	103.94	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.94%			
56) 1,1,2,2-Tetrachloroethane-	10.78	84	153627	49.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.72%			
66) 1,2-Dichlorobenzene-d4	12.21	152	99276	52.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.34%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	4643	2.610	ug/L	97
3) Chloromethane	1.54	50	5409	2.566	ug/L	100
5) Vinyl chloride	1.62	62	6041	2.662	ug/L #	60
6) Bromomethane	1.87	94	3524	2.476	ug/L	94
8) Chloroethane	1.95	64	4498	3.122	ug/L	86
9) Trichlorofluoromethane	2.16	101	6541	2.425	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	5041	3.120	ug/L #	85
12) 1,1-Dichloroethene	2.60	96	4849	3.083	ug/L #	1
13) Acetone	2.66	43	9890	6.355	ug/L	97
14) Carbon disulfide	2.82	76	12180	2.592	ug/L	99
15) Methyl Acetate	2.99	43	6238	2.773	ug/L	99
16) Methylene chloride	3.08	84	5178	2.667	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	4470	2.671	ug/L	97
18) Methyl tert-butyl Ether	3.41	73	13967	2.405	ug/L	99
19) 1,1-Dichloroethane	3.92	63	8469	2.540	ug/L	97
20) cis-1,2-Dichloroethene	4.72	96	4630	2.428	ug/L	86
22) 2-Butanone	4.76	43	9942	5.383	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020620\

Quantitation Report (Not Reviewed)

Data File : VU036688.D
Acq On : 06 Feb 2020 16:06
Operator : JC/MD
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Quant Time: Feb 07 04:55:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 04:51:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.03	128	2217	2.481 ug/L	90
25) Chloroform	5.14	83	9040	2.788 ug/L	87
27) 1,2-Dichloroethane	5.84	62	6912	2.535 ug/L	99
29) Cyclohexane	5.43	56	7779	2.503 ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	6572	2.557 ug/L	96
31) Carbon tetrachloride	5.57	117	5427	2.607 ug/L	98
33) Benzene	5.82	78	18956	2.590 ug/L	100
34) Trichloroethene	6.58	95	5152	2.847 ug/L	92
35) Methylcyclohexane	6.80	83	7771	2.438 ug/L	96
37) 1,2-Dichloropropane	6.83	63	4998	2.532 ug/L #	91
38) Bromodichloromethane	7.14	83	5637	2.350 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	7280	2.309 ug/L	95
40) 4-Methyl-2-pentanone	7.83	43	15730	5.044 ug/L	98
42) Toluene	8.00	91	20601	2.605 ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	6364	2.310 ug/L	87
45) 1,1,2-Trichloroethane	8.43	97	4483	2.490 ug/L	96
46) Tetrachloroethene	8.58	164	3735	2.941 ug/L	94
48) 2-Hexanone	8.72	43	15300	6.015 ug/L	89
49) Dibromochloromethane	8.84	129	4169	2.367 ug/L	97
50) 1,2-Dibromoethane	8.96	107	4654	2.460 ug/L #	97
51) Chlorobenzene	9.47	112	11903	2.499 ug/L	98
52) Ethylbenzene	9.60	91	21201	2.440 ug/L	96
53) m,p-Xylene	9.72	106	7547	2.354 ug/L	95
54) o-xylene	10.13	106	7752	2.441 ug/L	96
55) Styrene	10.14	104	11978	2.263 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.81	83	8287	2.554 ug/L #	96
59) Bromoform	10.32	173	2783	2.428 ug/L #	94
60) 1,2,3-Trichloropropane	10.85	75	6564	2.690 ug/L	100
61) Isopropylbenzene	10.51	105	19256	2.492 ug/L	99
62) 1,3,5-Trimethylbenzene	11.11	105	16413	2.478 ug/L	98
63) 1,2,4-Trimethylbenzene	11.49	105	15924	2.408 ug/L	96
64) 1,3-Dichlorobenzene	11.77	146	8563	2.636 ug/L	98
65) 1,4-Dichlorobenzene	11.86	146	9021	2.758 ug/L	95
67) 1,2-Dichlorobenzene	12.23	146	9022	2.743 ug/L	97
68) 1,2-Dibromo-3-chloropropan	13.01	75	1824	2.615 ug/L	90
69) 1,3,5-Trichlorobenzene	13.24	180	5409	2.401 ug/L	97
70) 1,2,4-trichlorobenzene	13.85	180	4048	2.155 ug/L	99
71) Naphthalene	14.10	128	11991	1.811 ug/L	97
72) 1,2,3-Trichlorobenzene	14.35	180	3817	2.039 ug/L	98

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

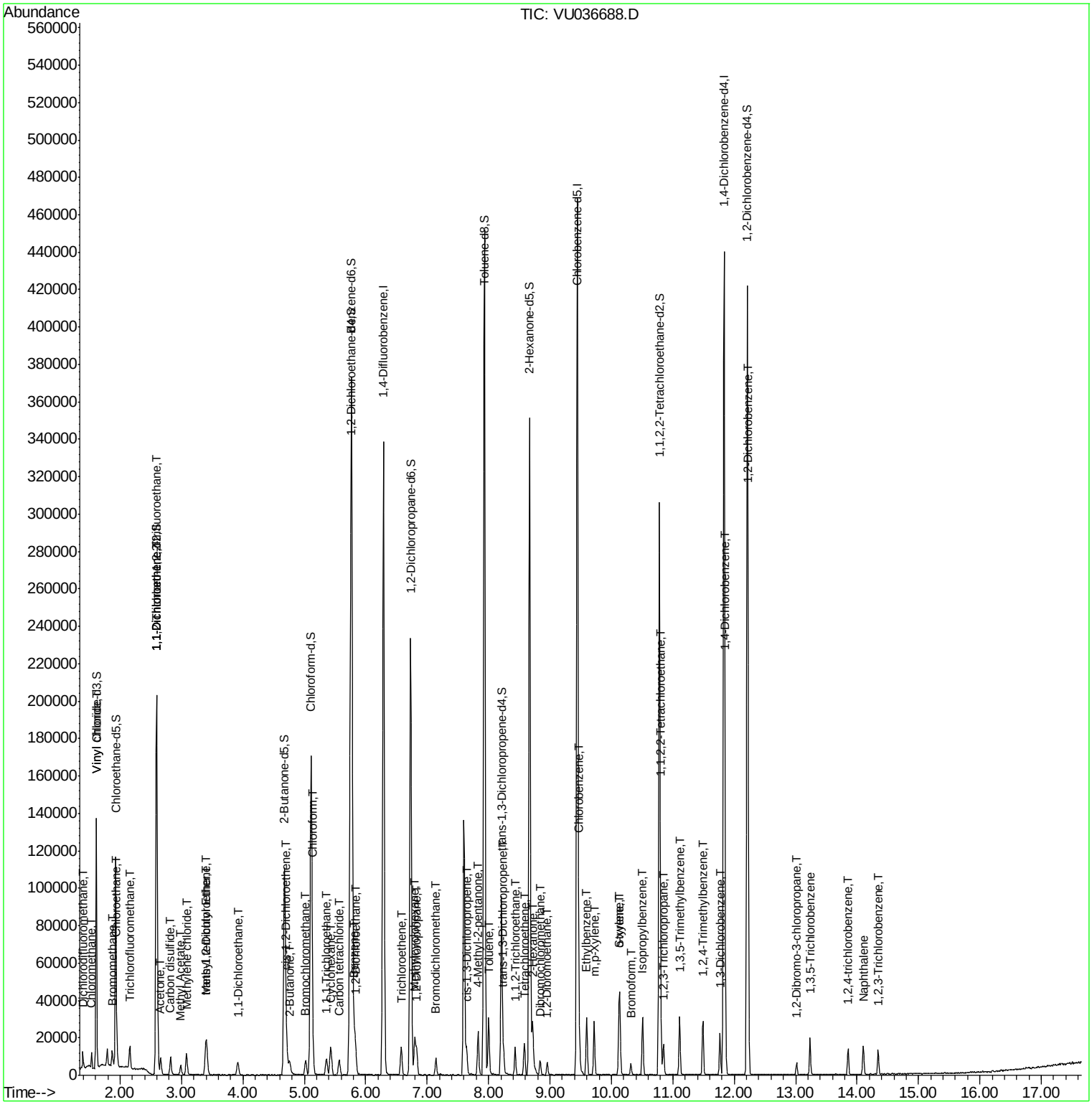
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020620\

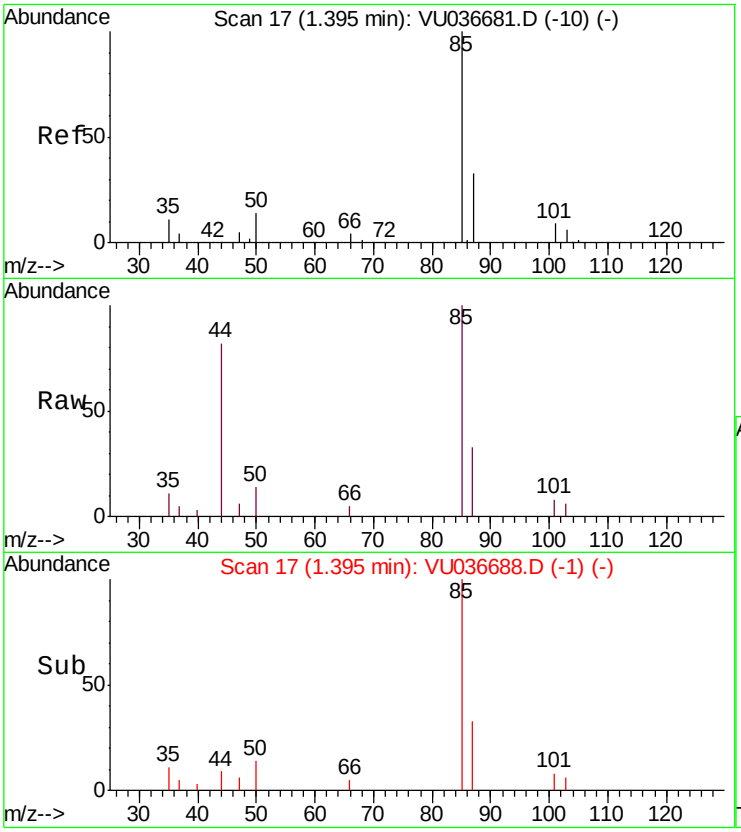
Quantitation Report (Not Reviewed)

Data File : VU036688.D
Acq On : 06 Feb 2020 16:06
Operator : JC/MD
Sample : MDL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Quant Time: Feb 07 04:55:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 04:51:54 2020
Response via : Initial Calibration



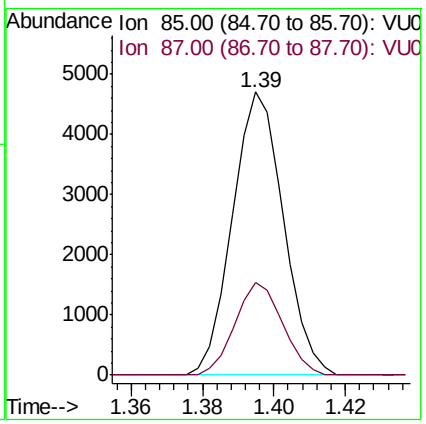


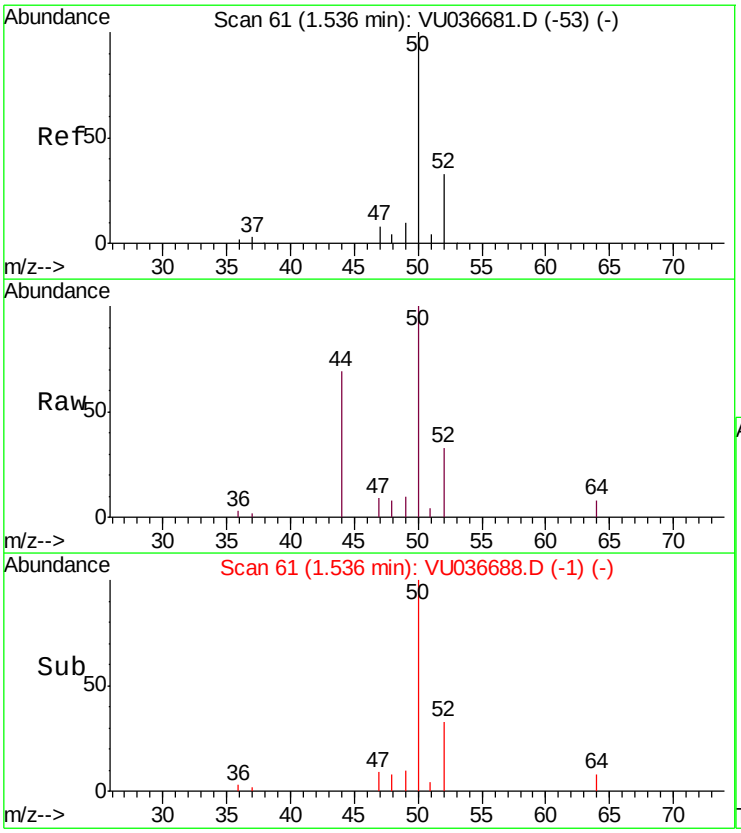
#2
Dichlorodifluoromethane
Concen: 2.610 ug/L
RT: 1.39 min Scan# 17
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 85 Resp: 4643

Ion	Ratio	Lower	Upper
85	100		
87	30.5	25.9	38.9

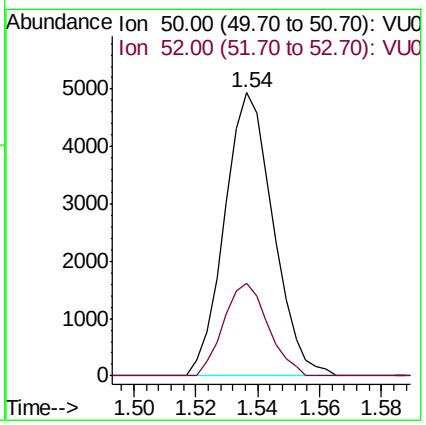


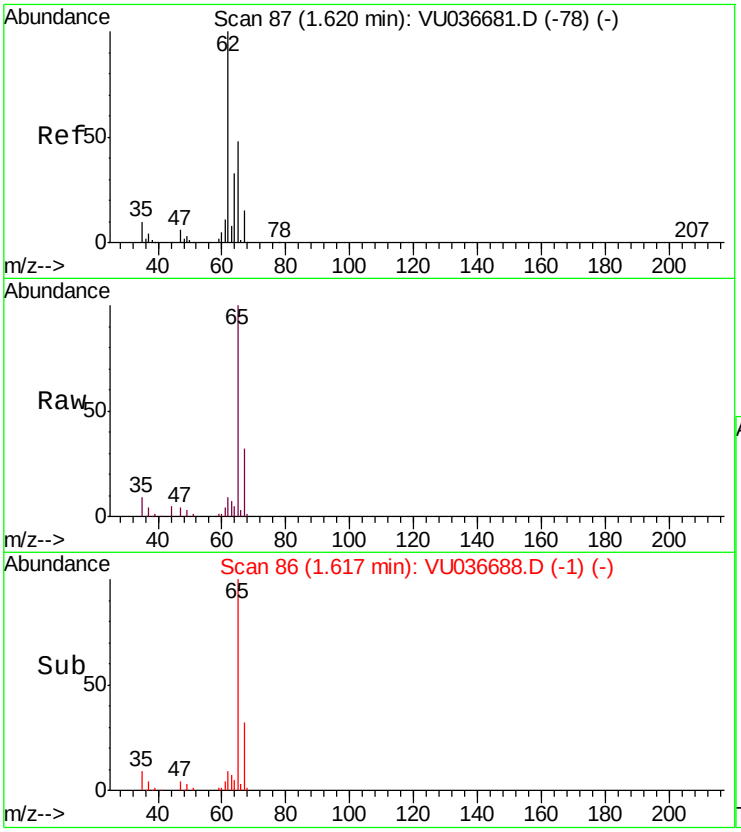


#3
Chloromethane
Concen: 2.566 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 50 Resp: 5409

Ion	Ratio	Lower	Upper
50	100		
52	32.8	22.9	42.5



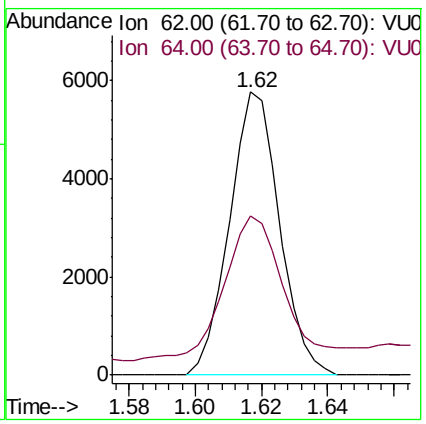


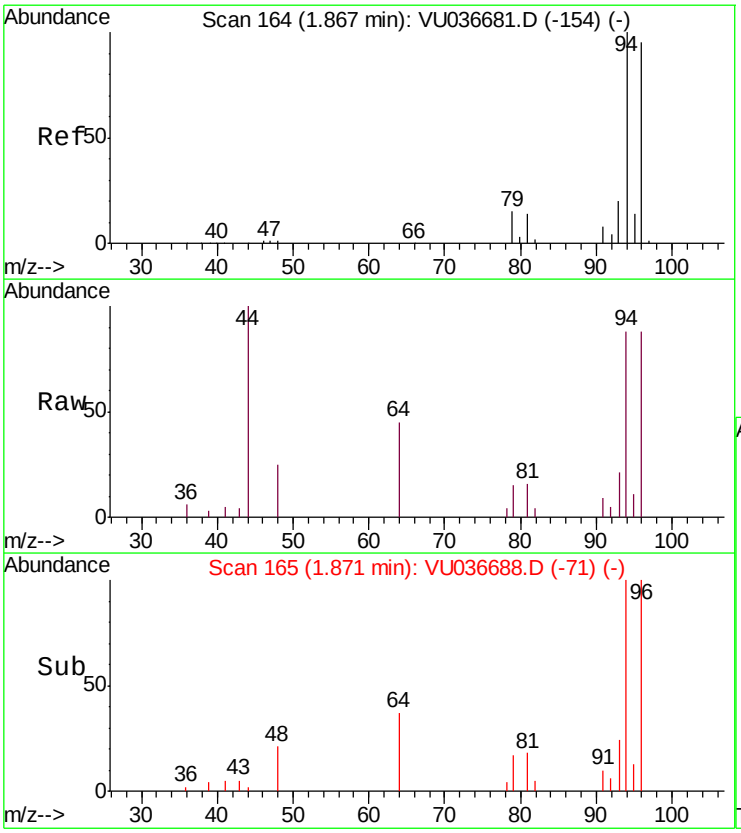
#5
Vinyl chloride
Concen: 2.662 ug/L
RT: 1.62 min Scan# 86
Delta R.T. -0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 62 Resp: 6041

Ion	Ratio	Lower	Upper
62	100		
64	56.4	23.4	43.6#

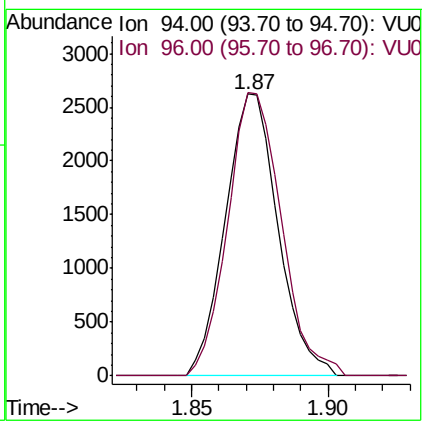


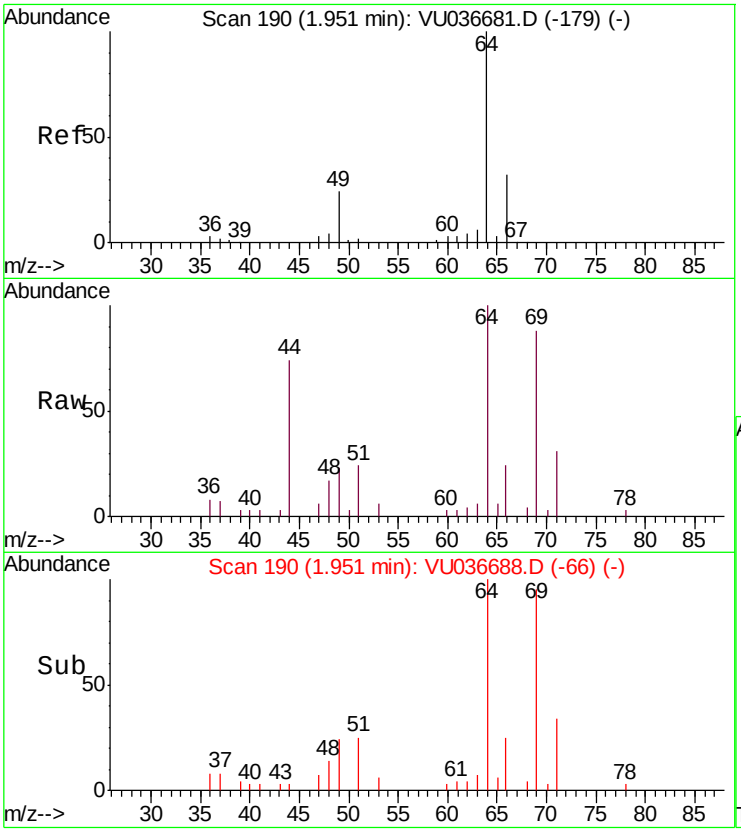


#6
Bromomethane
Concen: 2.476 ug/L
RT: 1.87 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 94 Resp: 3524

Ion	Ratio	Lower	Upper
94	100		
96	100.4	66.3	123.1



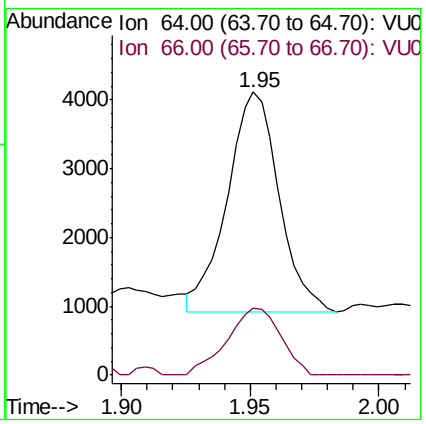


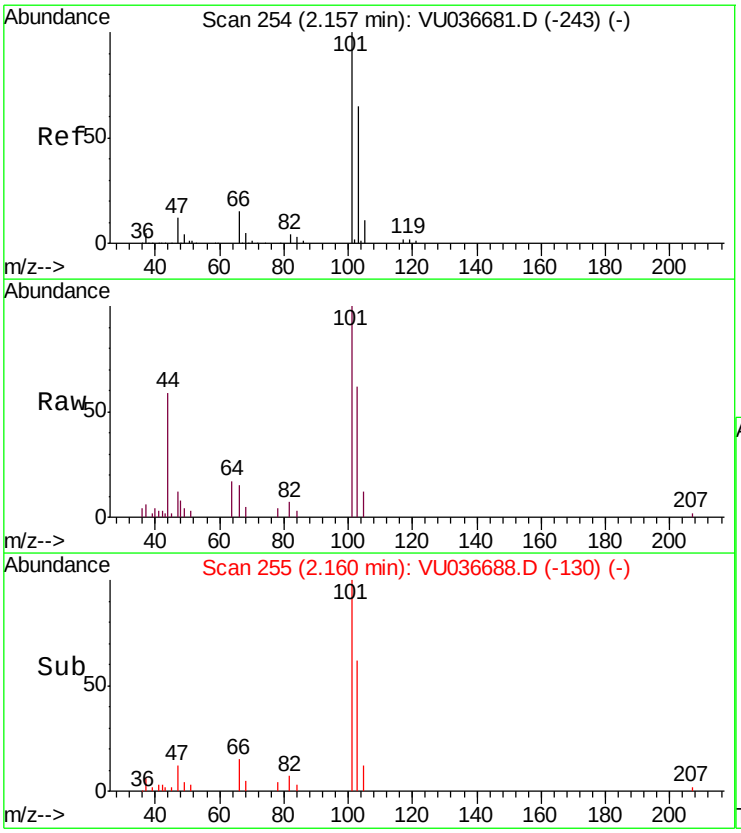
#8
Chloroethane
Concen: 3.122 ug/L
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 64 Resp: 4498

Ion	Ratio	Lower	Upper
64	100		
66	23.6	22.1	41.1

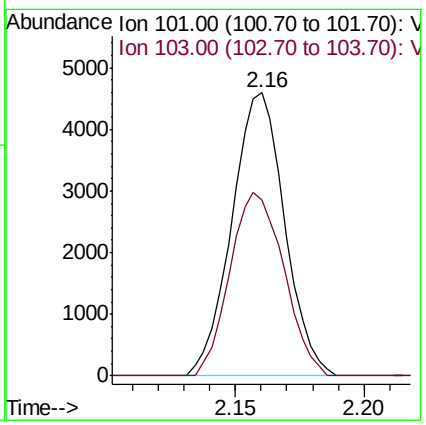


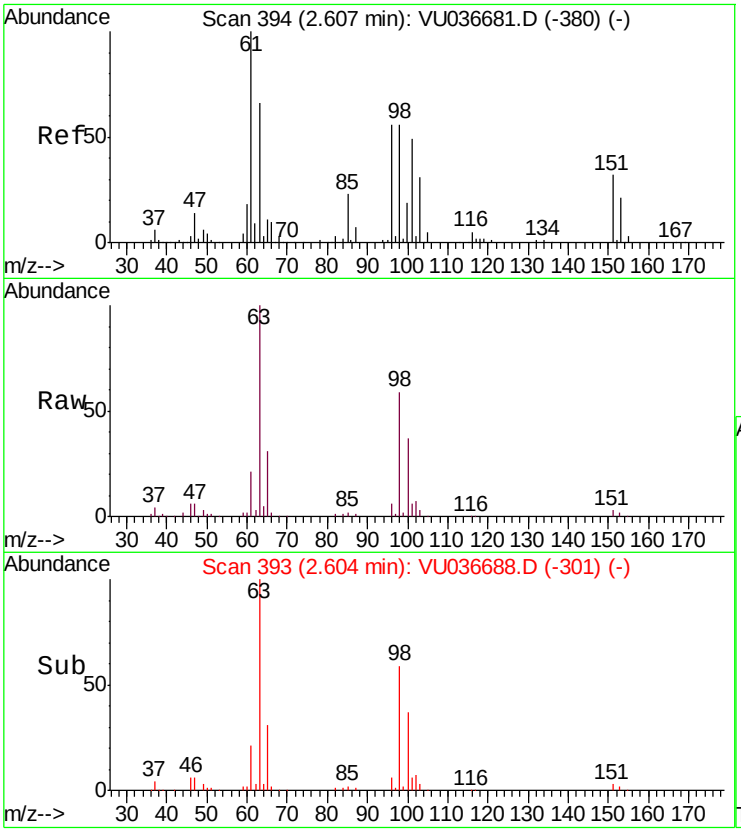


#9
Trichlorofluoromethane
Concen: 2.425 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:101 Resp: 6541

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.6	77.4



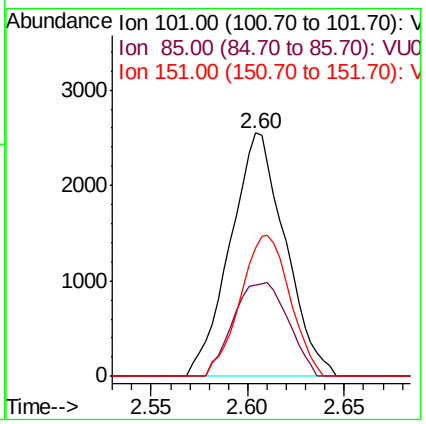


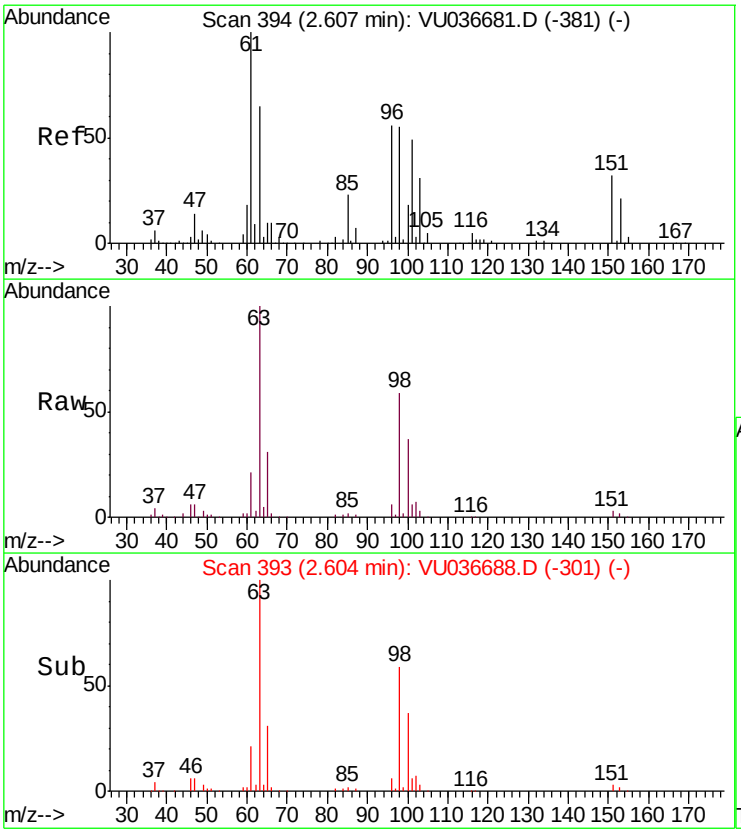
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.120 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:101 Resp: 5041

Ion	Ratio	Lower	Upper
101	100		
85	38.3	36.5	54.7
151	52.2	52.6	78.8#

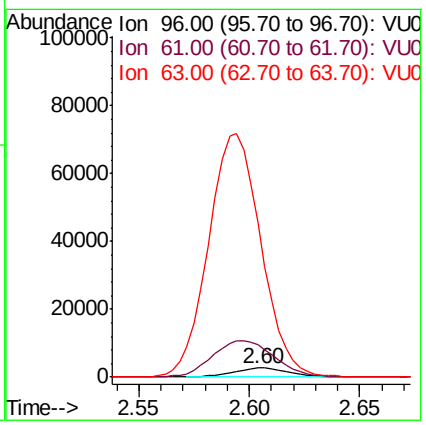


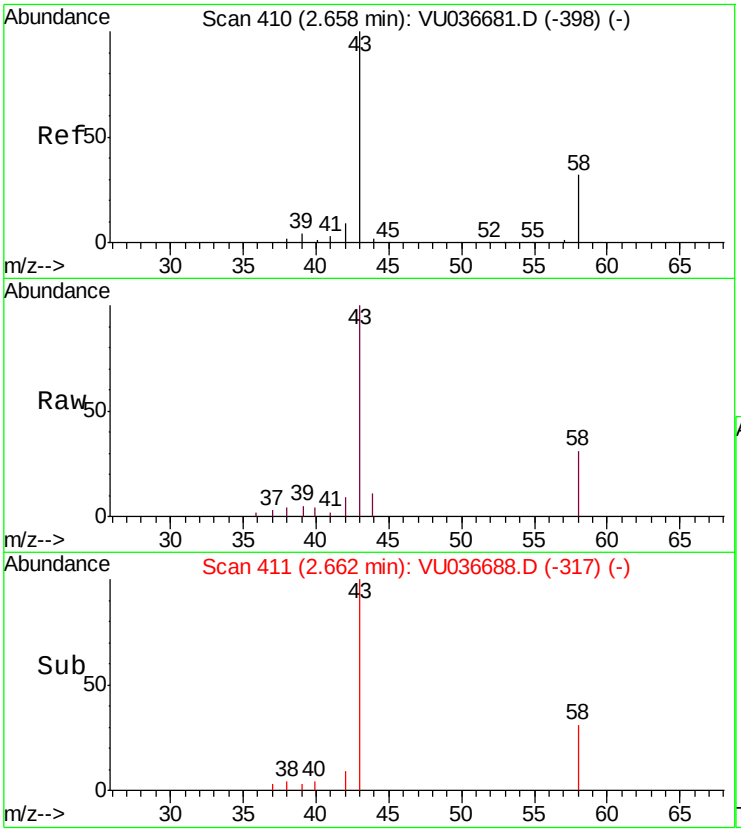


#12
1,1-Dichloroethene
Concen: 3.083 ug/L
RT: 2.60 min Scan# 393
Delta R.T. -0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 96 Resp: 4849

Ion	Ratio	Lower	Upper
96	100		
61	348.9	124.4	231.0#
63	1661.7	83.4	155.0#



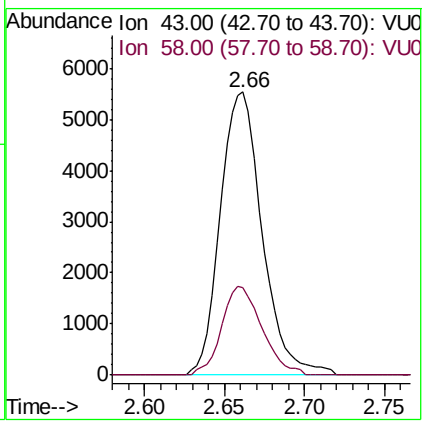


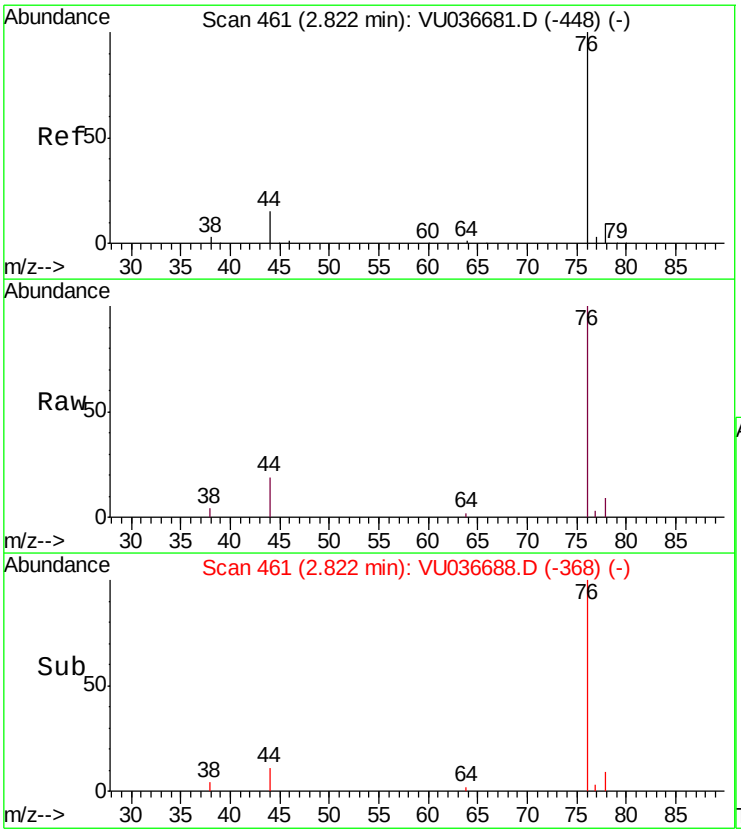
#13
Acetone
Concen: 6.355 ug/L
RT: 2.66 min Scan# 411
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 43 Resp: 9890

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	64.0

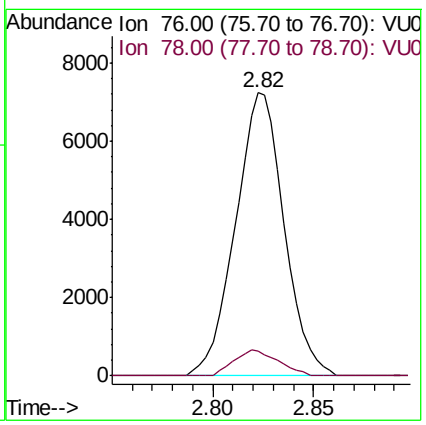


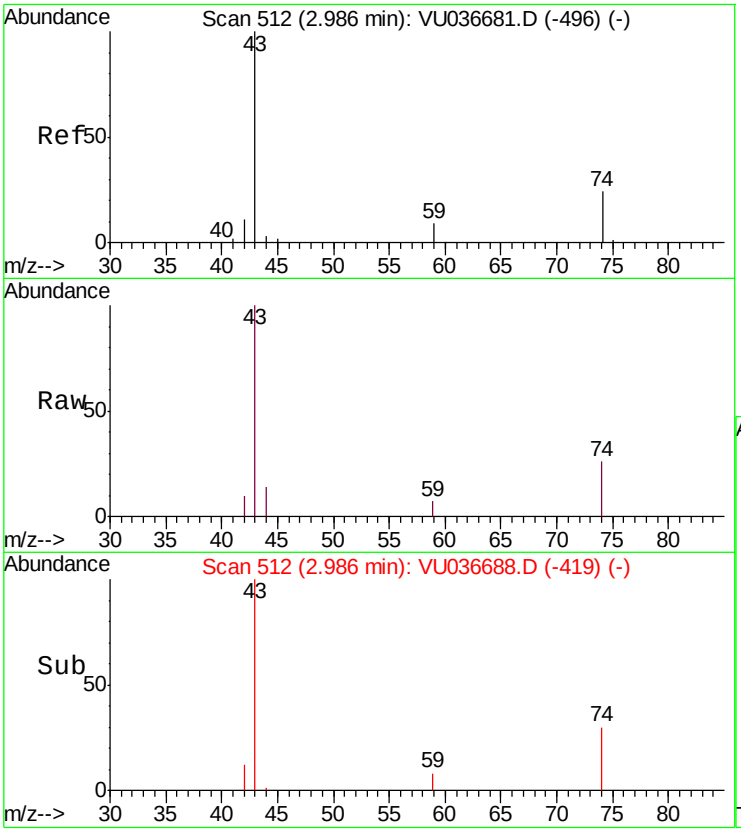


#14
Carbon disulfide
Concen: 2.592 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 76 Resp: 12180

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.3	10.9



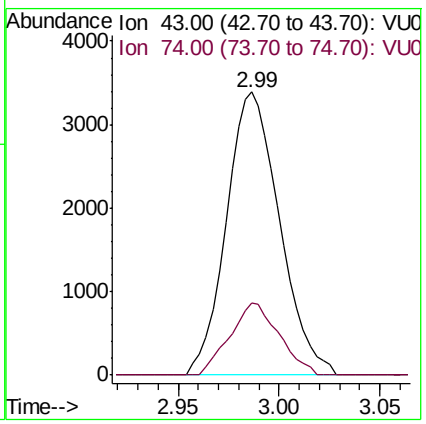


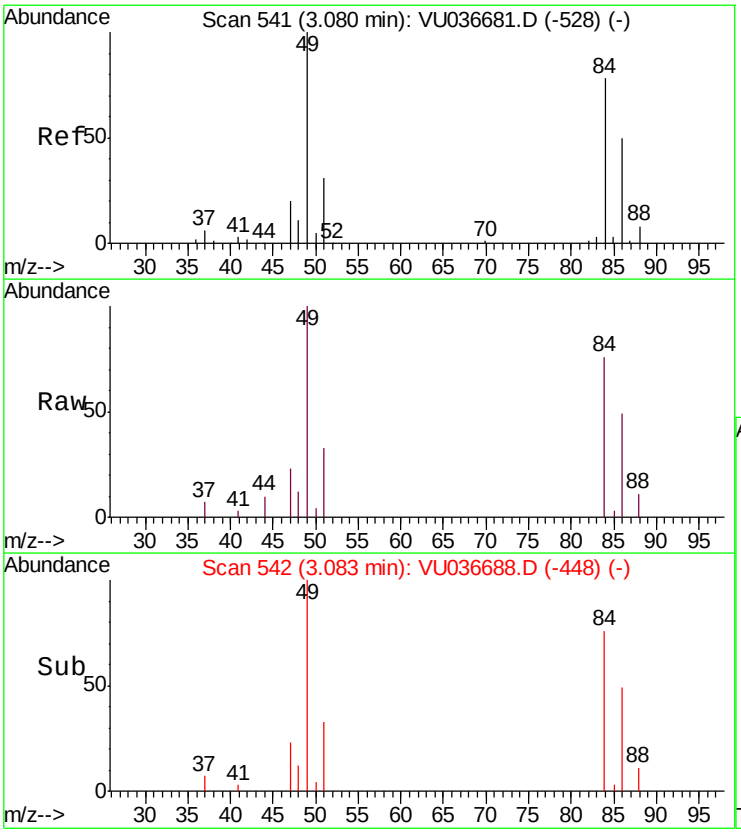
#15
Methyl Acetate
Concen: 2.773 ug/L
RT: 2.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 6238

Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.7	28.1

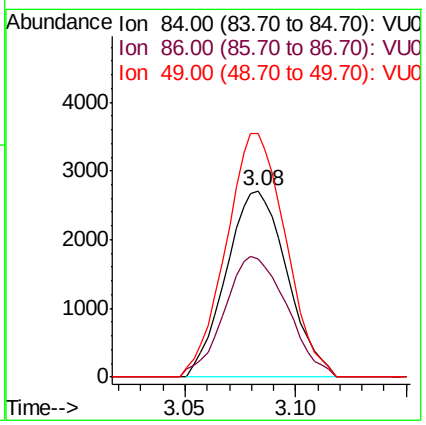


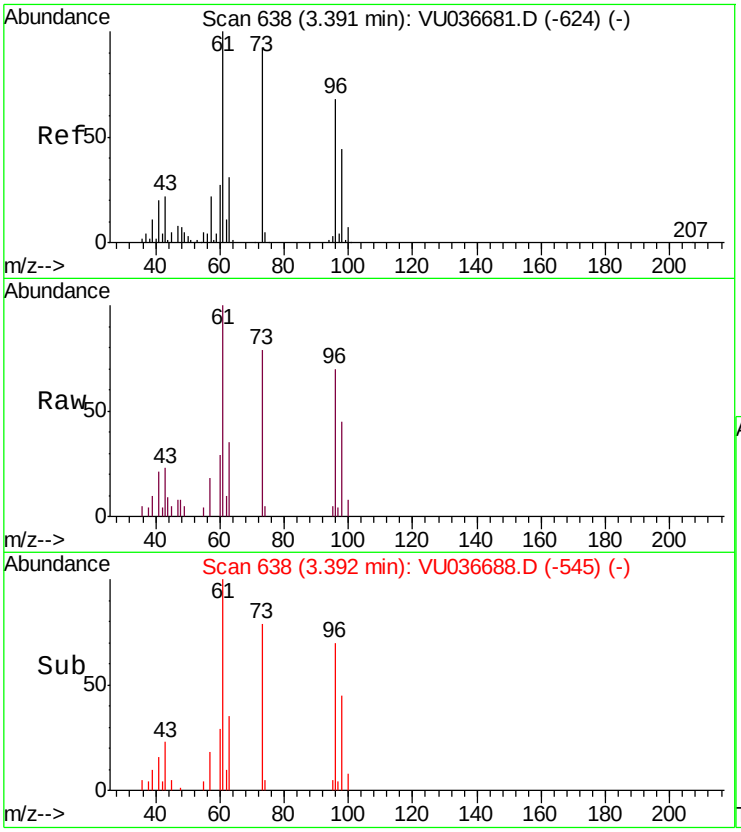


#16
Methylene chloride
Concen: 2.667 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 84 Resp: 5178

Ion	Ratio	Lower	Upper
84	100		
86	63.6	44.4	82.5
49	130.9	89.2	165.8



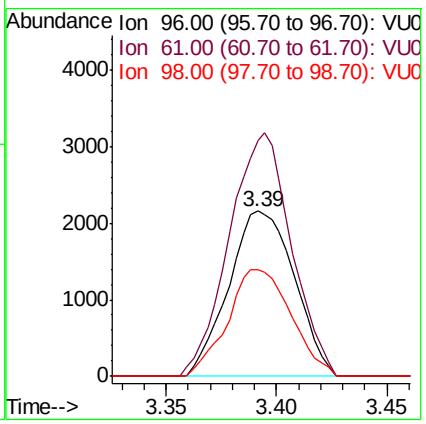


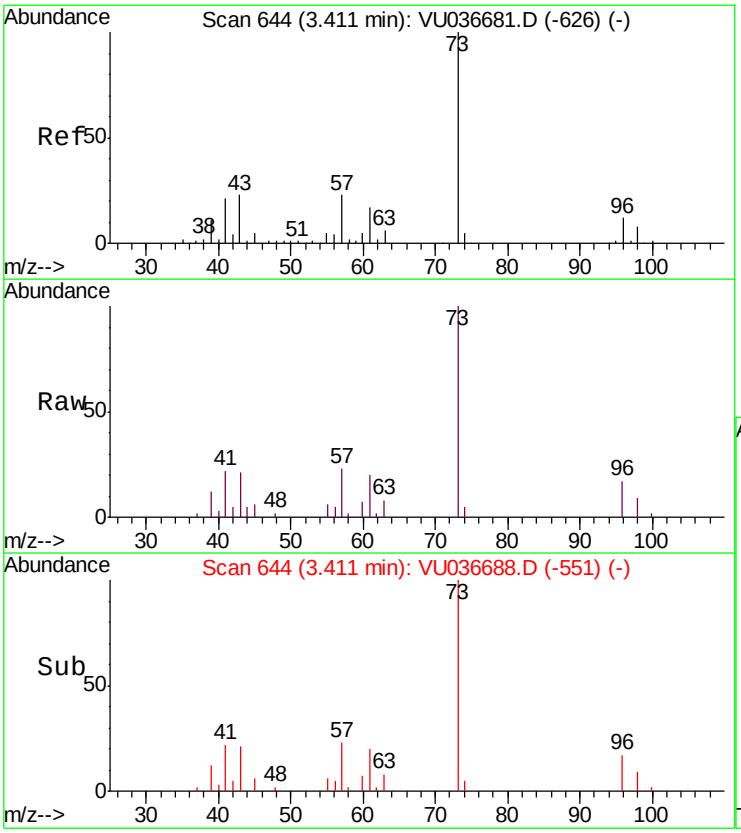
#17
trans-1,2-Dichloroethene
Concen: 2.671 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 96 Resp: 4470

Ion	Ratio	Lower	Upper
96	100		
61	142.6	103.4	192.0
98	64.4	45.4	84.2

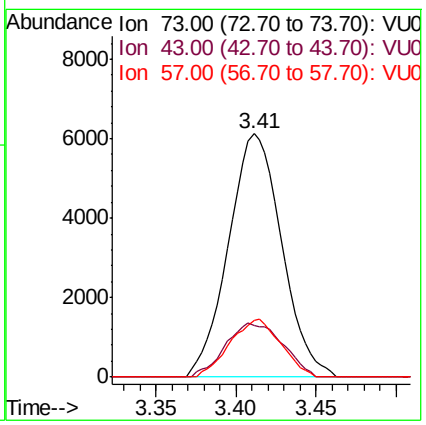


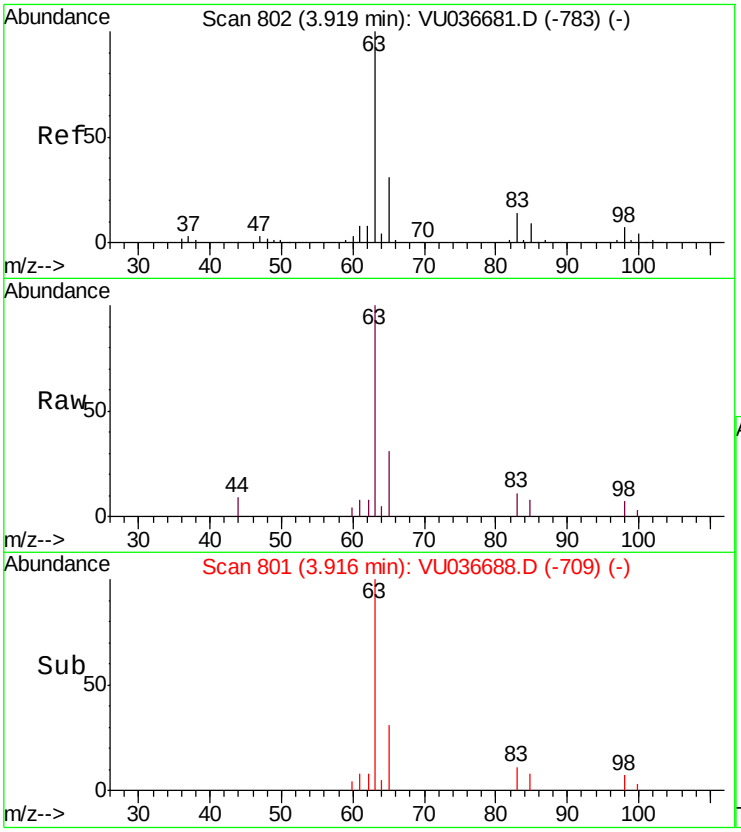


#18
Methyl tert-butyl Ether
Concen: 2.405 ug/L
RT: 3.41 min Scan# 644
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 73 Resp: 13967

Ion	Ratio	Lower	Upper
73	100		
43	23.9	18.6	28.0
57	22.6	18.3	27.5



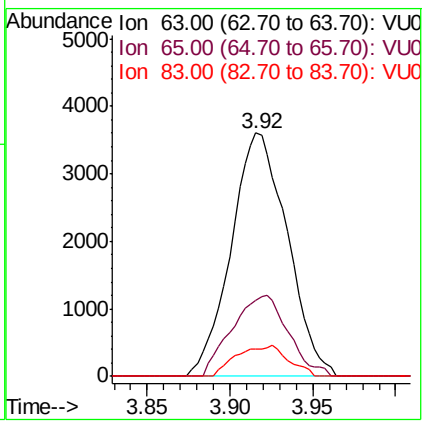


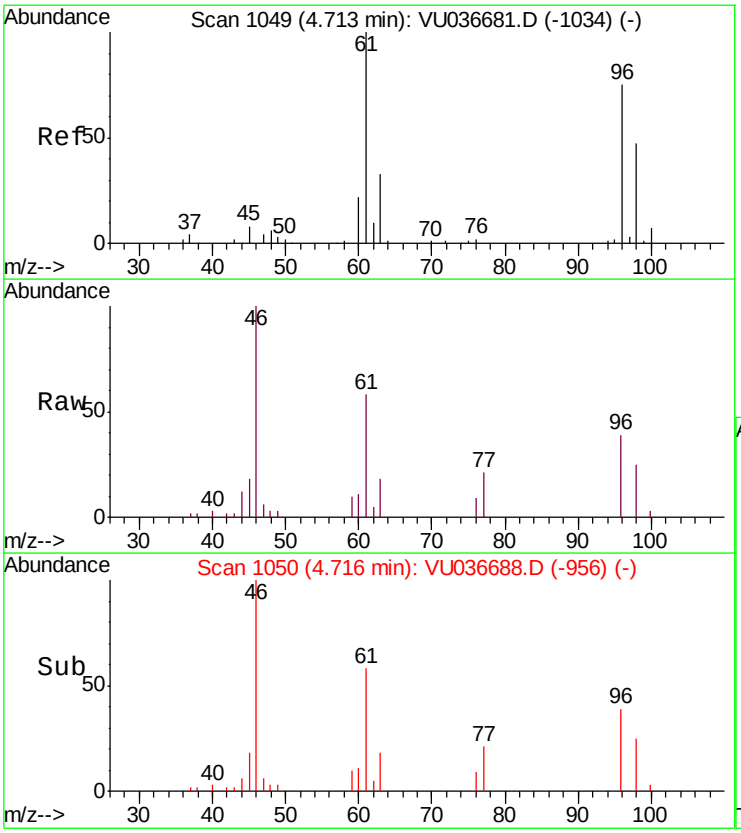
#19
1,1-Dichloroethane
Concen: 2.540 ug/L
RT: 3.92 min Scan# 801
Delta R.T. -0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 63 Resp: 8469

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.0	40.8
83	11.4	10.1	18.7

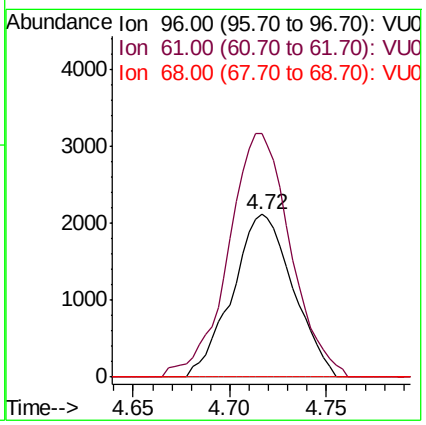


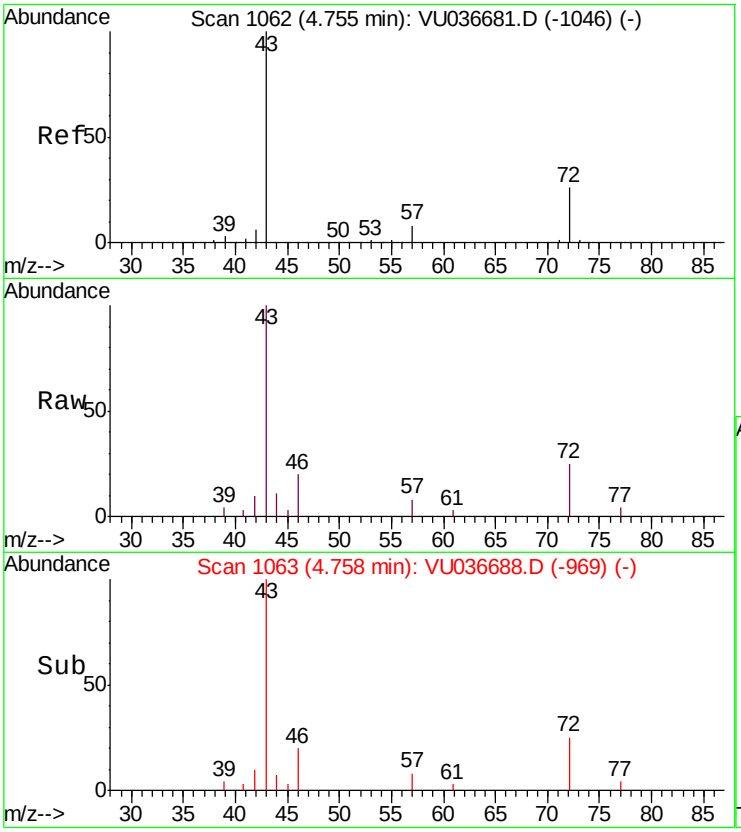


#20
cis-1,2-Dichloroethene
Concen: 2.428 ug/L
RT: 4.72 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 96 Resp: 4630

Ion	Ratio	Lower	Upper
96	100		
61	149.5	93.3	173.3
68	0.0	0.0	0.0



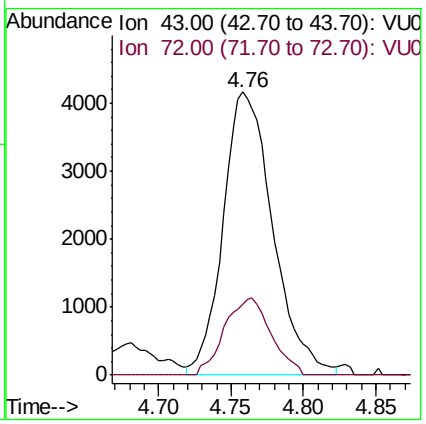


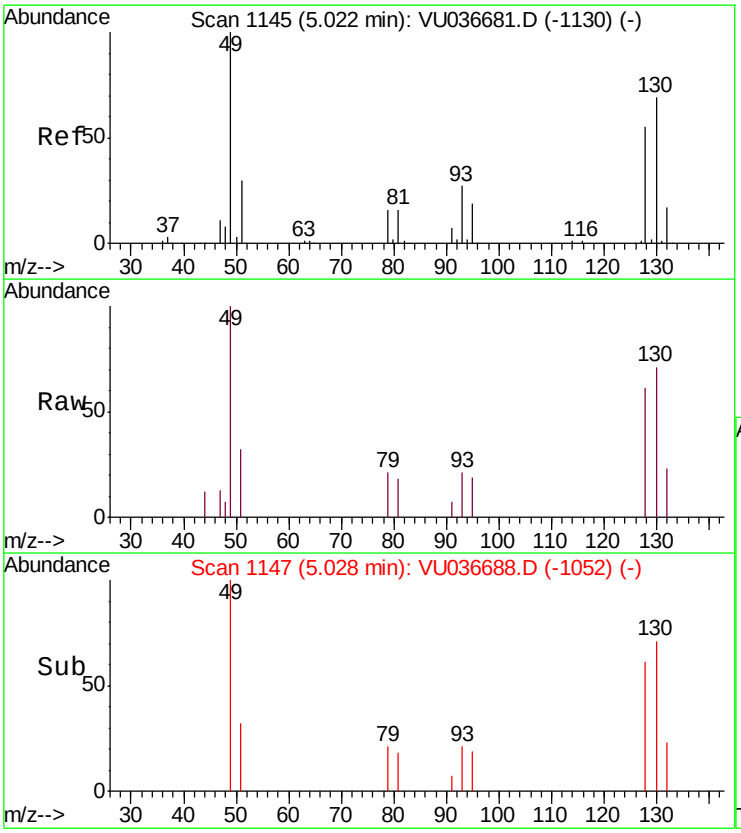
#22
2-Butanone
Concen: 5.383 ug/L
RT: 4.76 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 43 Resp: 9942

Ion	Ratio	Lower	Upper
43	100		
72	25.5	13.6	40.7

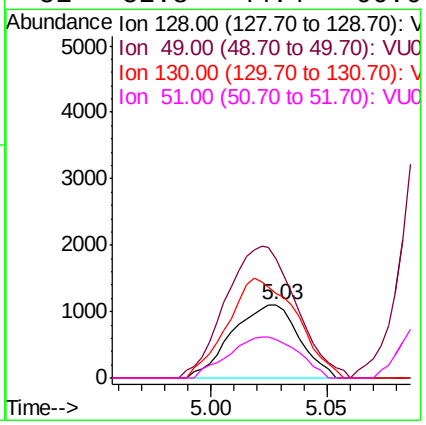


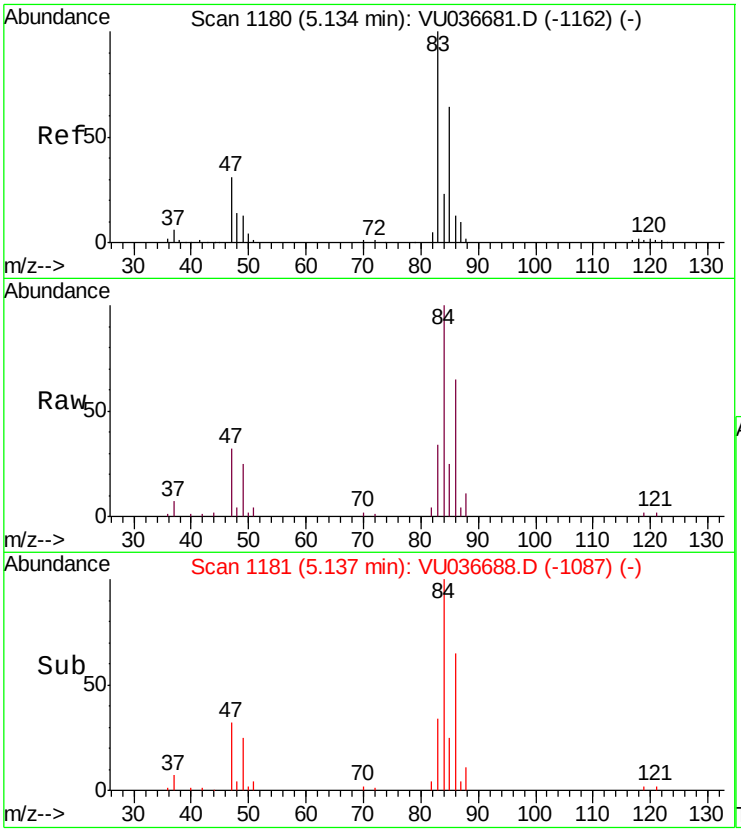


#23
Bromochloromethane
Concen: 2.481 ug/L
RT: 5.03 min Scan# 1147
Delta R.T. 0.01 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:128 Resp: 2217

Ion	Ratio	Lower	Upper
128	100		
49	163.2	127.3	236.5
130	116.2	88.5	164.3
51	52.8	44.4	66.6



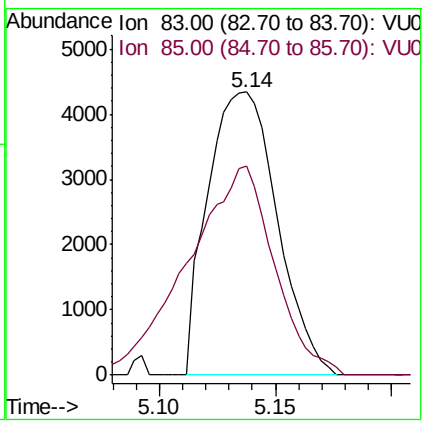


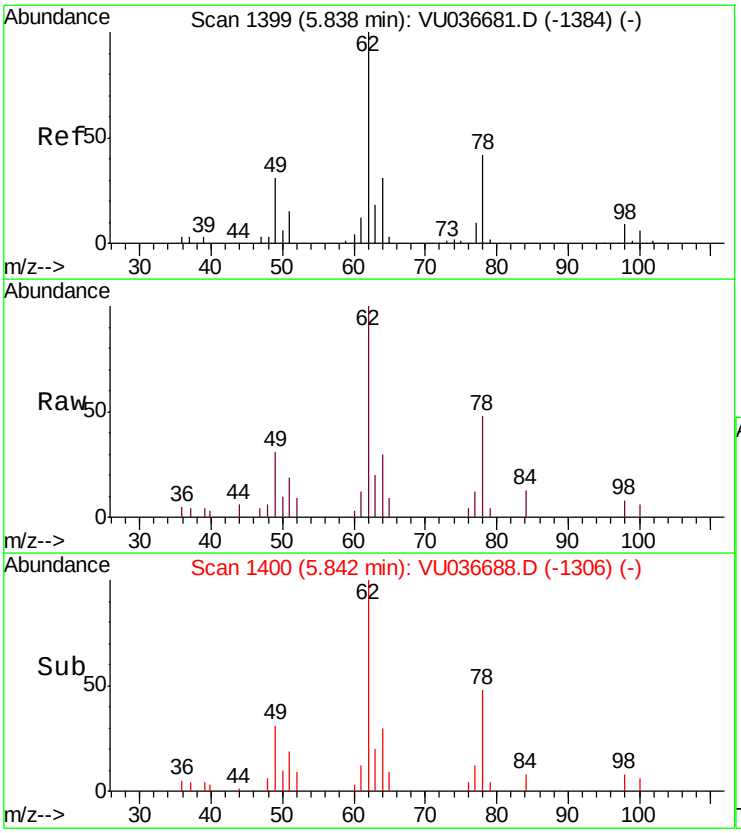
#25
Chloroform
Concen: 2.788 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 9040

Ion	Ratio	Lower	Upper
83	100		
85	73.8	44.6	82.8

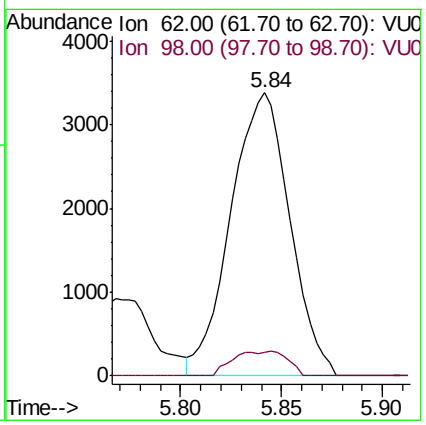


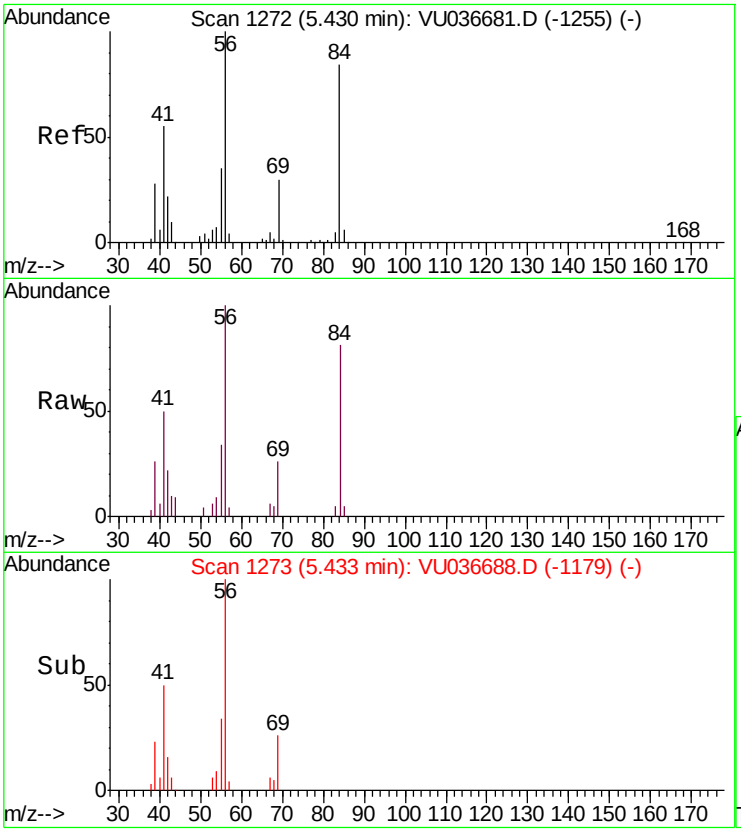


#27
1,2-Dichloroethane
Concen: 2.535 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 62 Resp: 6912

Ion	Ratio	Lower	Upper
62	100		
98	8.3	7.0	10.4



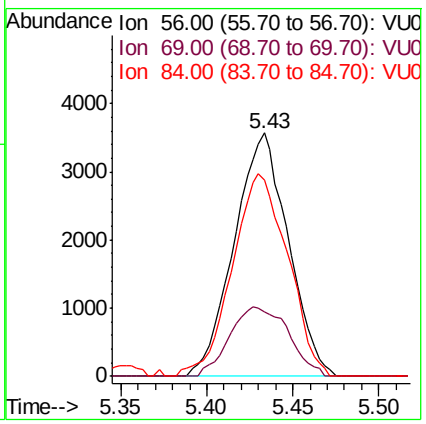


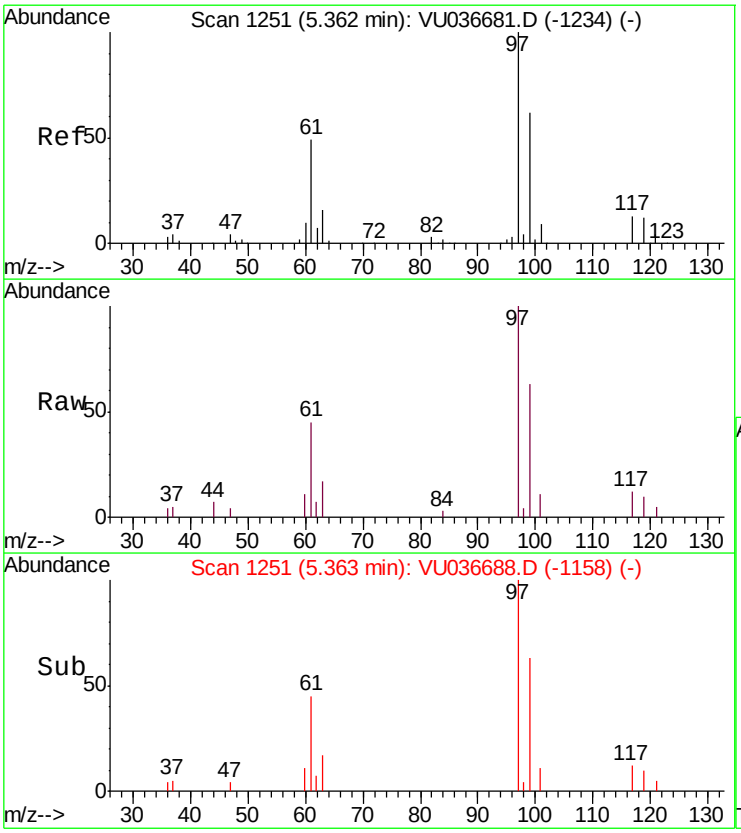
#29
Cyclohexane
Concen: 2.503 ug/L
RT: 5.43 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 56 Resp: 7779

Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.0	37.4
84	85.4	68.2	102.2

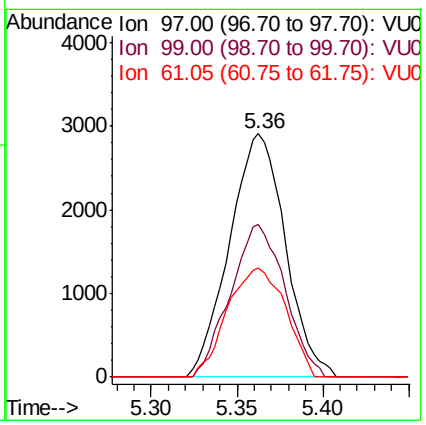


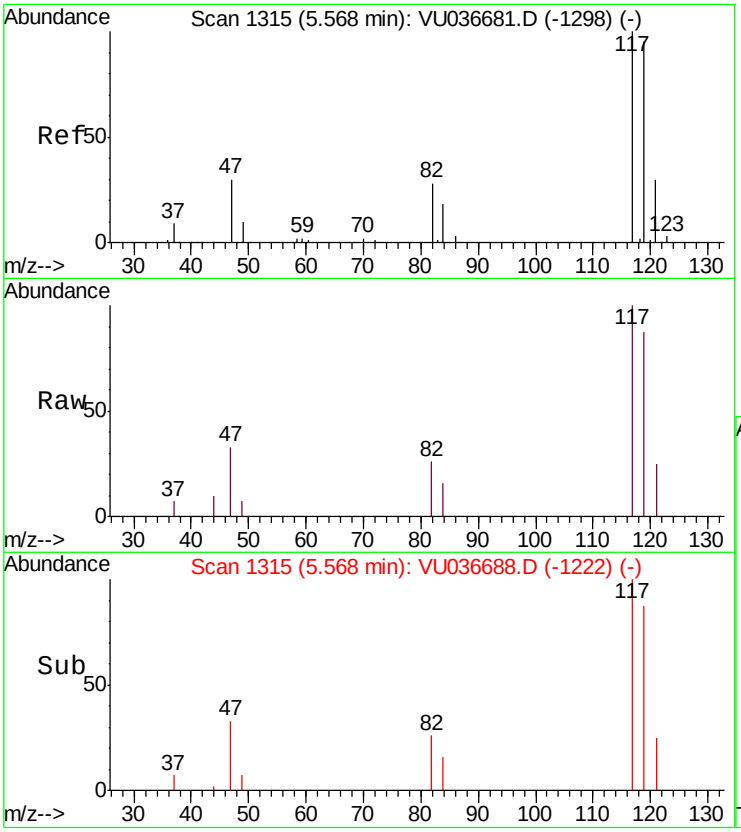


#30
1,1,1-Trichloroethane
Concen: 2.557 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 97 Resp: 6572

Ion	Ratio	Lower	Upper
97	100		
99	61.1	50.9	76.3
61	46.9	40.2	60.2



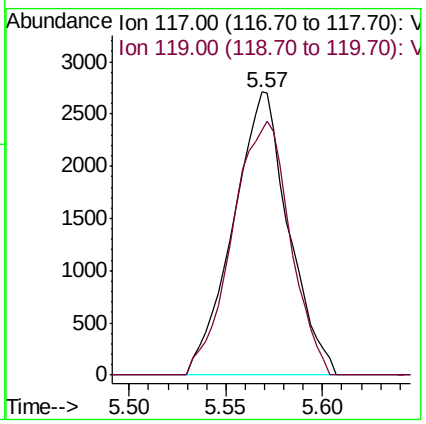


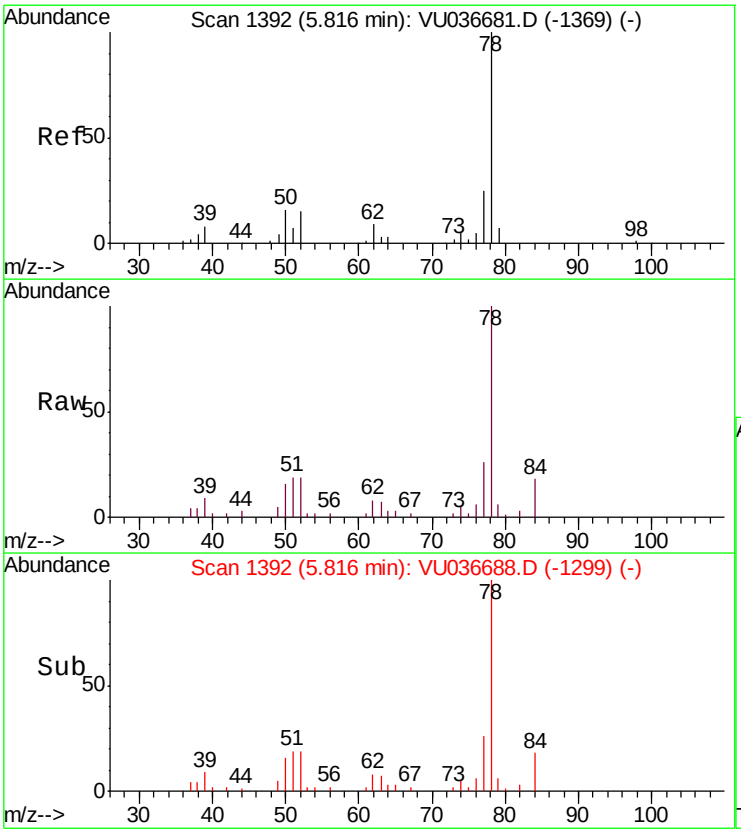
#31
Carbon tetrachloride
Concen: 2.607 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:117 Resp: 5427

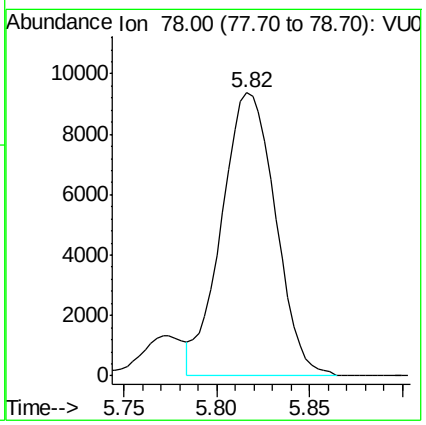
Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.2	114.4

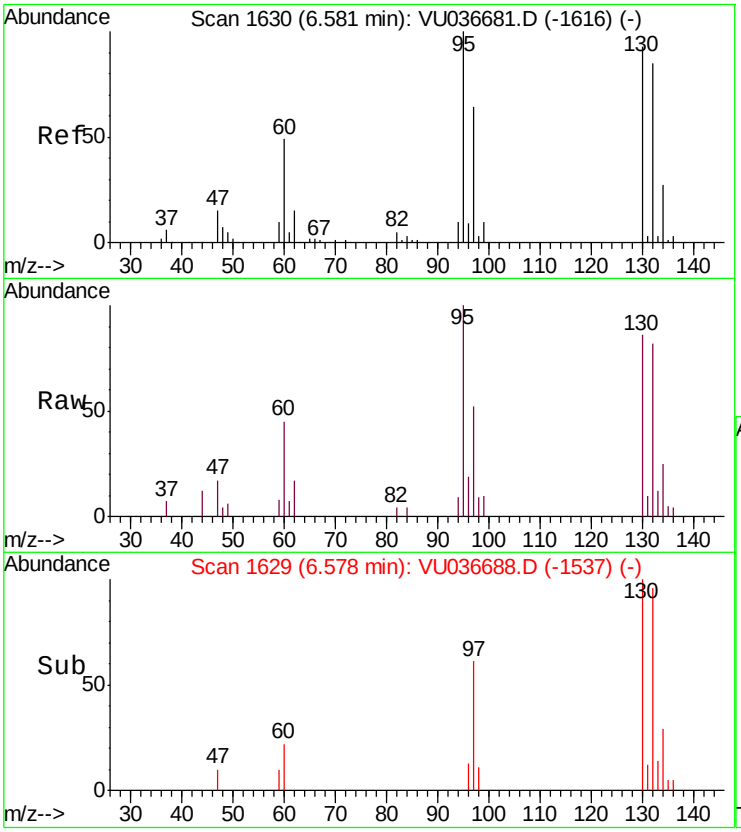




#33
Benzene
Concen: 2.590 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 78 Resp: 18956



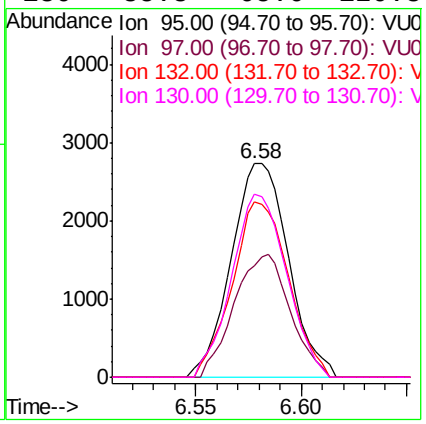


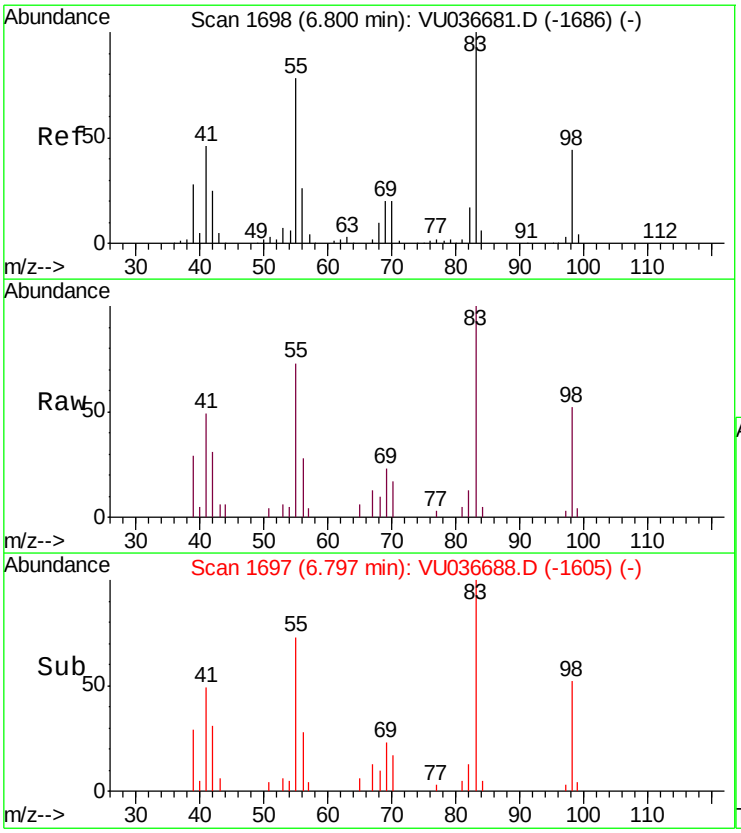
#34
Trichloroethene
Concen: 2.847 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 95 Resp: 5152

Ion	Ratio	Lower	Upper
95	100		
97	52.4	44.5	82.7
132	82.2	59.6	110.8
130	85.8	65.0	120.8

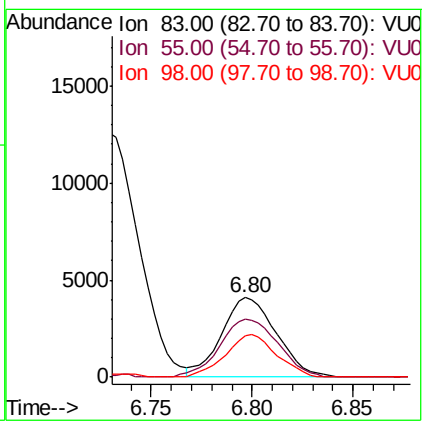


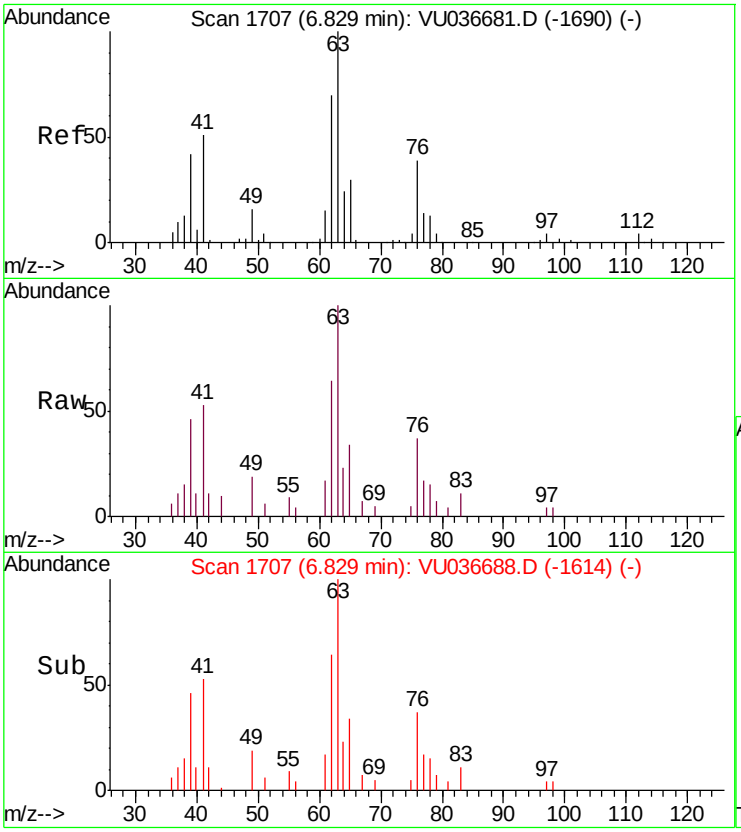


#35
Methylcyclohexane
Concen: 2.438 ug/L
RT: 6.80 min Scan# 1697
Delta R.T. -0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 83 Resp: 7771

Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.2	91.8
98	50.0	35.4	53.0



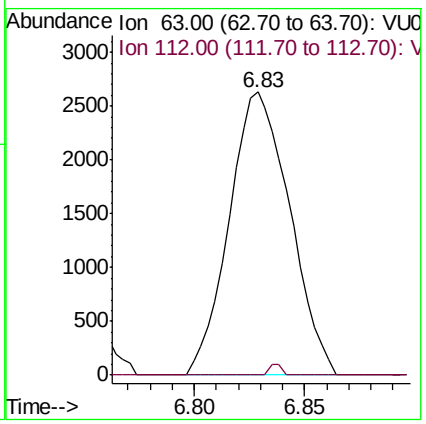


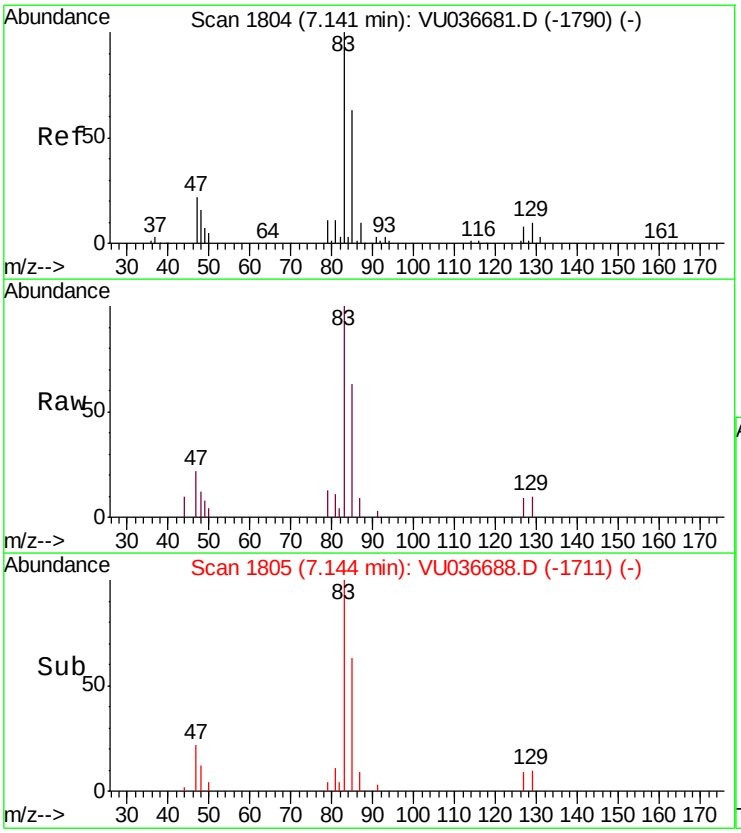
#37
1,2-Dichloropropane
Concen: 2.532 ug/L
RT: 6.83 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 63 Resp: 4998

Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.1	4.7#

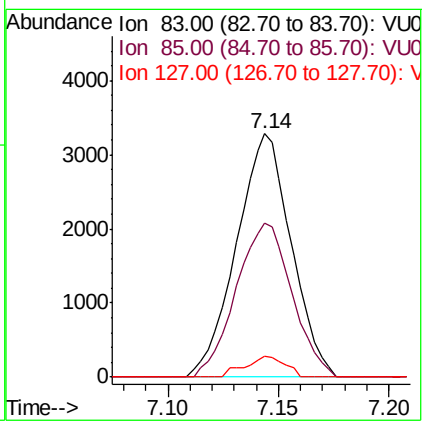


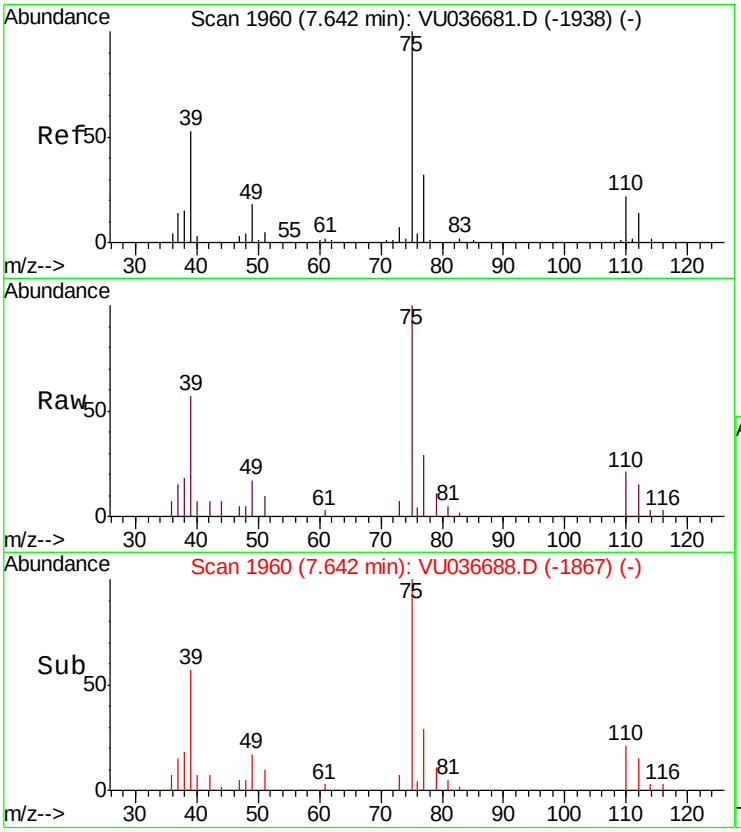


#38
Bromodichloromethane
Concen: 2.350 ug/L
RT: 7.14 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 83 Resp: 5637

Ion	Ratio	Lower	Upper
83	100		
85	63.5	43.9	81.5
127	8.6	6.0	9.0



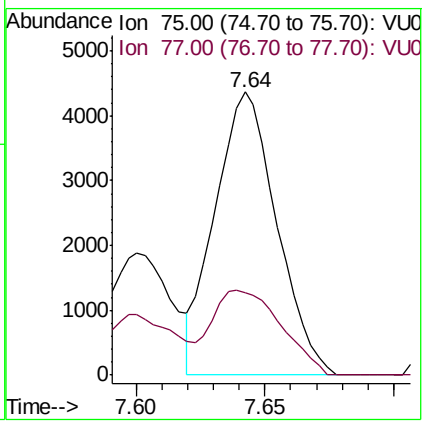


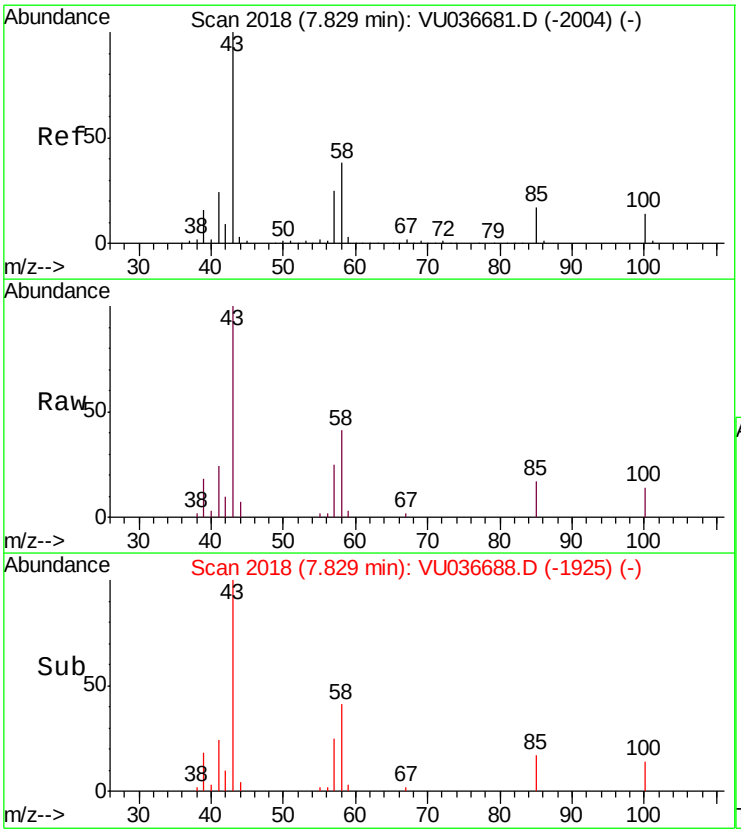
#39
cis-1,3-Dichloropropene
Concen: 2.309 ug/L
RT: 7.64 min Scan# 1960
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 7280

Ion	Ratio	Lower	Upper
75	100		
77	29.2	22.3	41.5

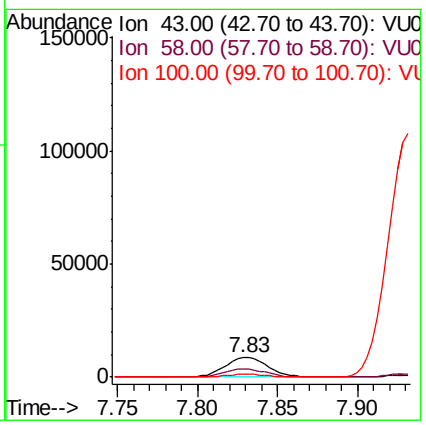


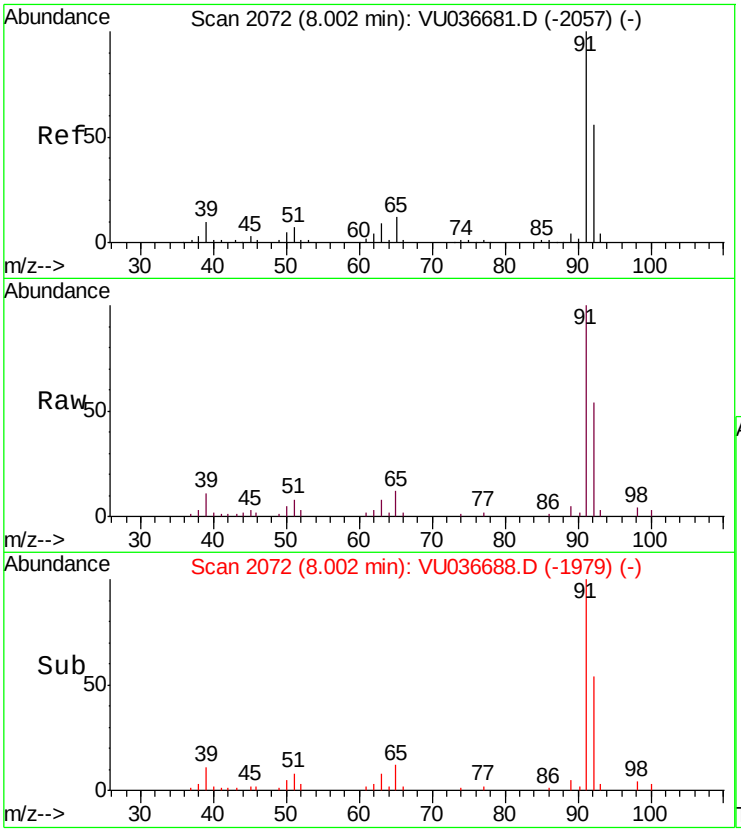


#40
4-Methyl-2-pentanone
Concen: 5.044 ug/L
RT: 7.83 min Scan# 2018
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 43 Resp: 15730

Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.0	46.6
100	13.9	11.4	17.2



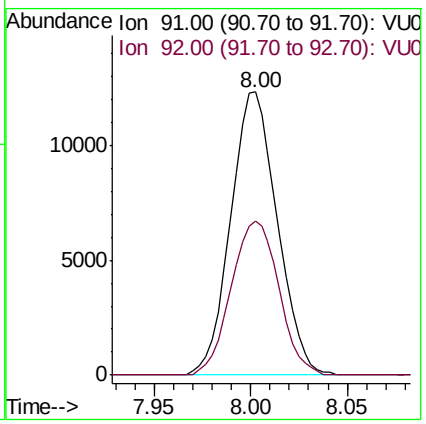


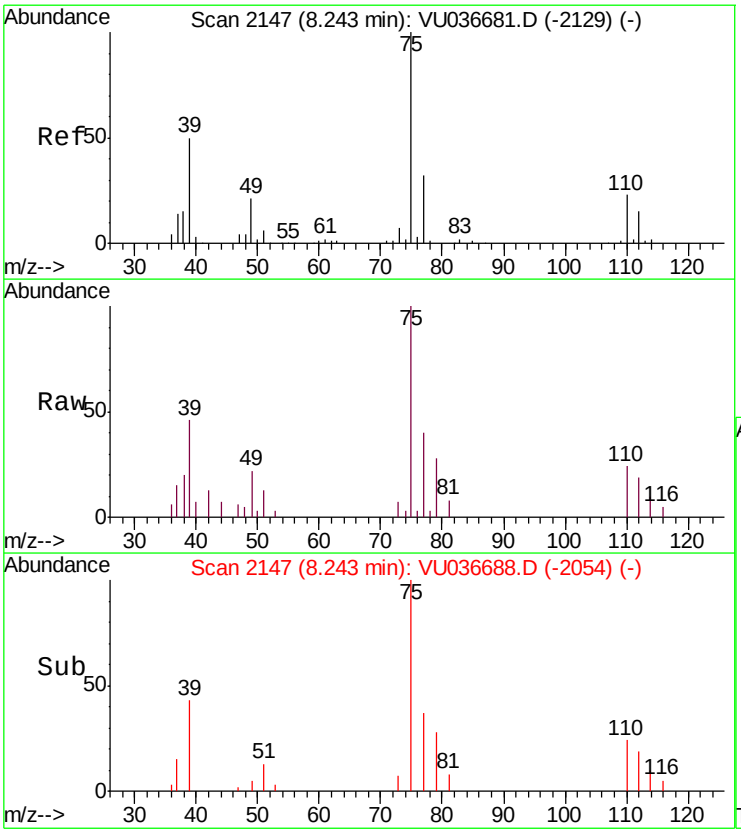
#42
Toluene
Concen: 2.605 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 91 Resp: 20601

Ion	Ratio	Lower	Upper
91	100		
92	54.4	39.5	73.3

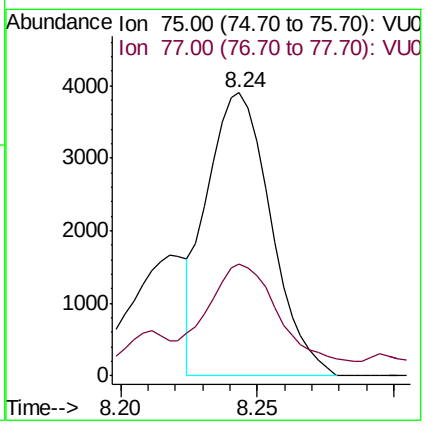


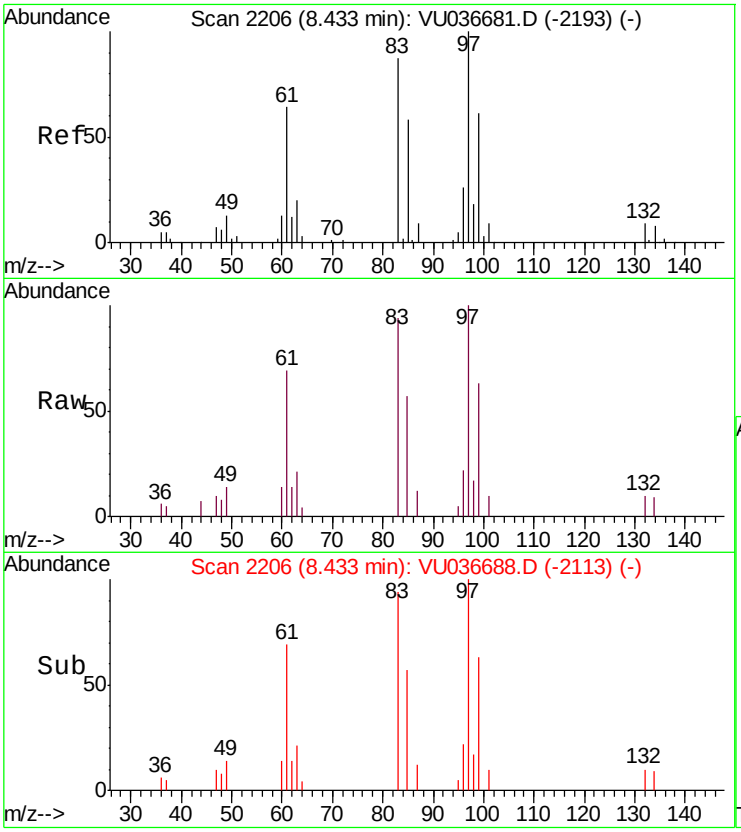


#44
trans-1,3-Dichloropropene
Concen: 2.310 ug/L
RT: 8.24 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 75 Resp: 6364

Ion	Ratio	Lower	Upper
75	100		
77	39.6	22.6	42.0



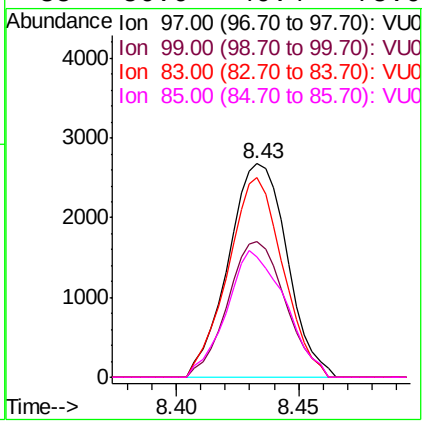


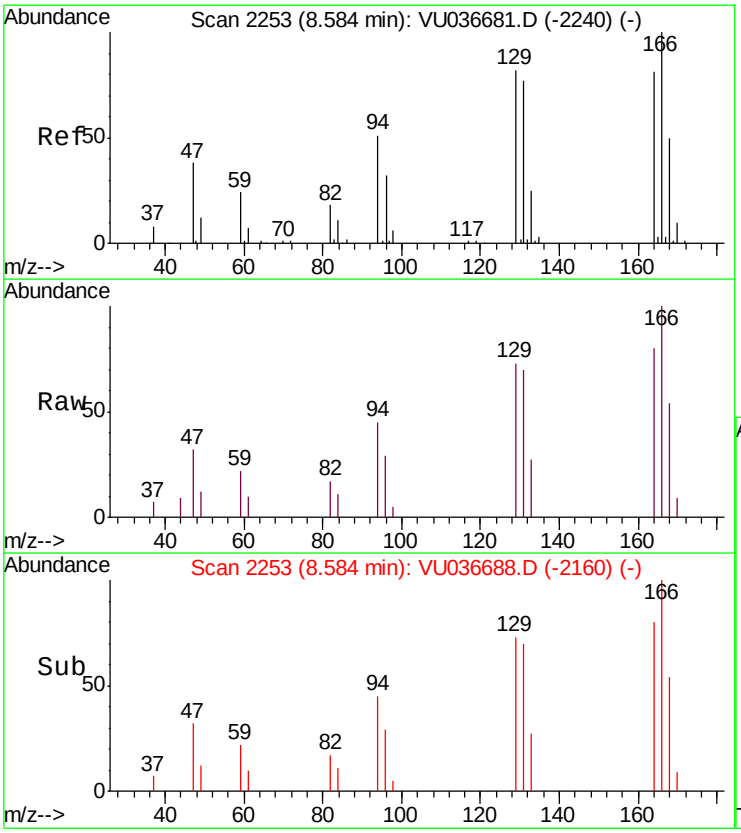
#45
1,1,2-Trichloroethane
Concen: 2.490 ug/L
RT: 8.43 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 97 Resp: 4483

Ion	Ratio	Lower	Upper
97	100		
99	63.5	42.6	79.0
83	93.8	61.1	113.5
85	56.6	40.4	75.0

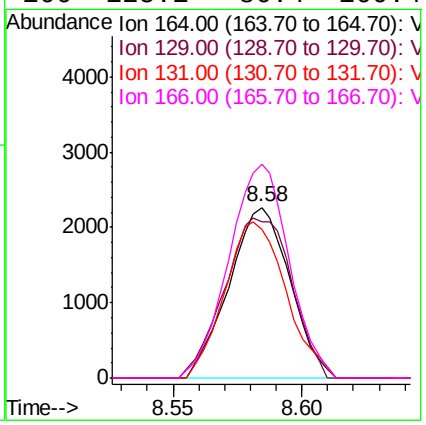


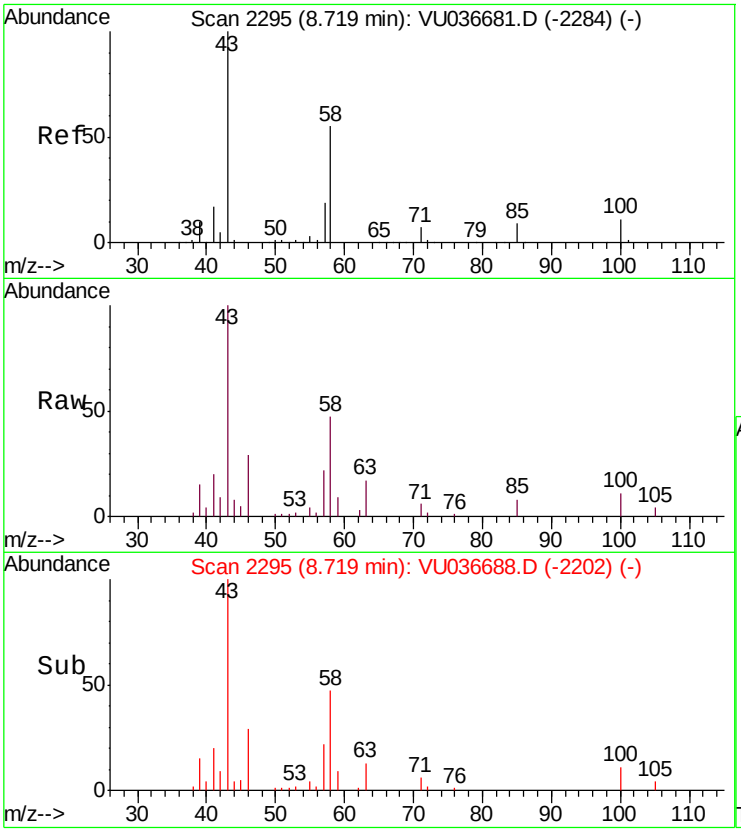


#46
Tetrachloroethene
Concen: 2.941 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:164 Resp: 3735

Ion	Ratio	Lower	Upper
164	100		
129	91.5	71.0	131.9
131	87.0	66.6	123.6
166	125.1	86.4	160.4



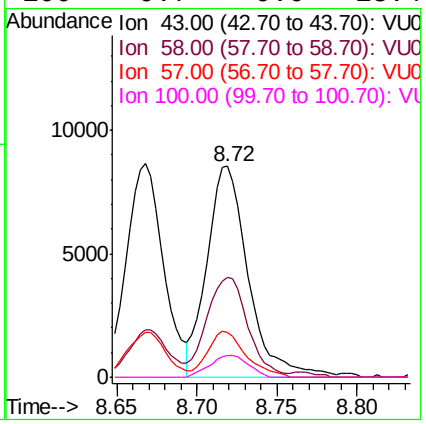


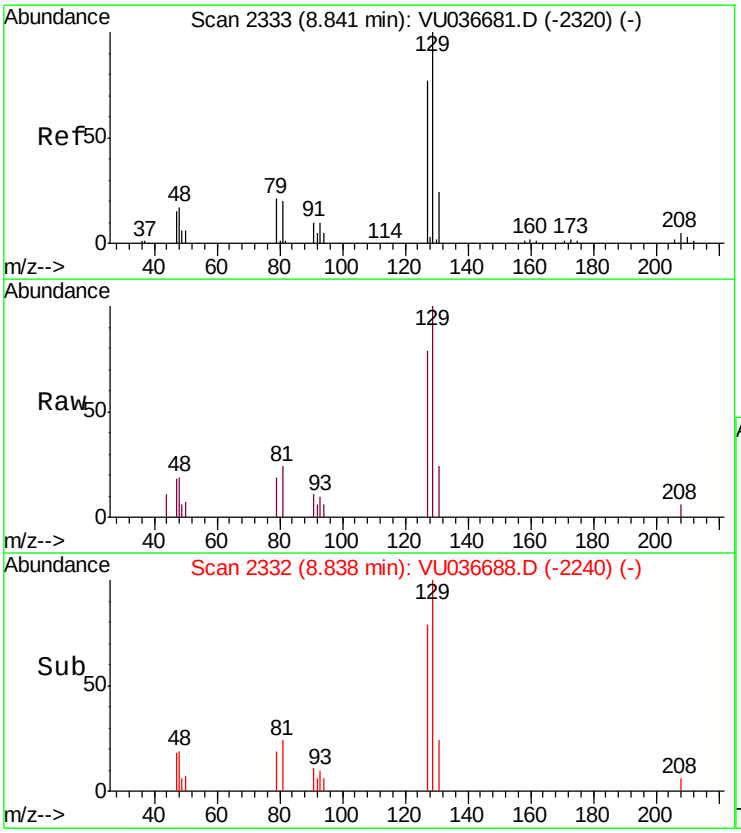
#48
2-Hexanone
Concen: 6.015 ug/L
RT: 8.72 min Scan# 2295
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion: 43 Resp: 15300

Ion	Ratio	Lower	Upper
43	100		
58	43.7	43.6	65.4
57	20.3	15.5	23.3
100	9.7	9.0	13.4

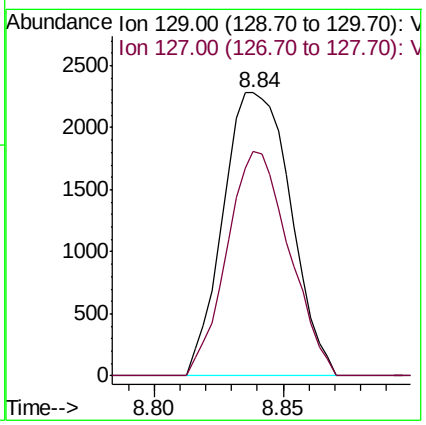


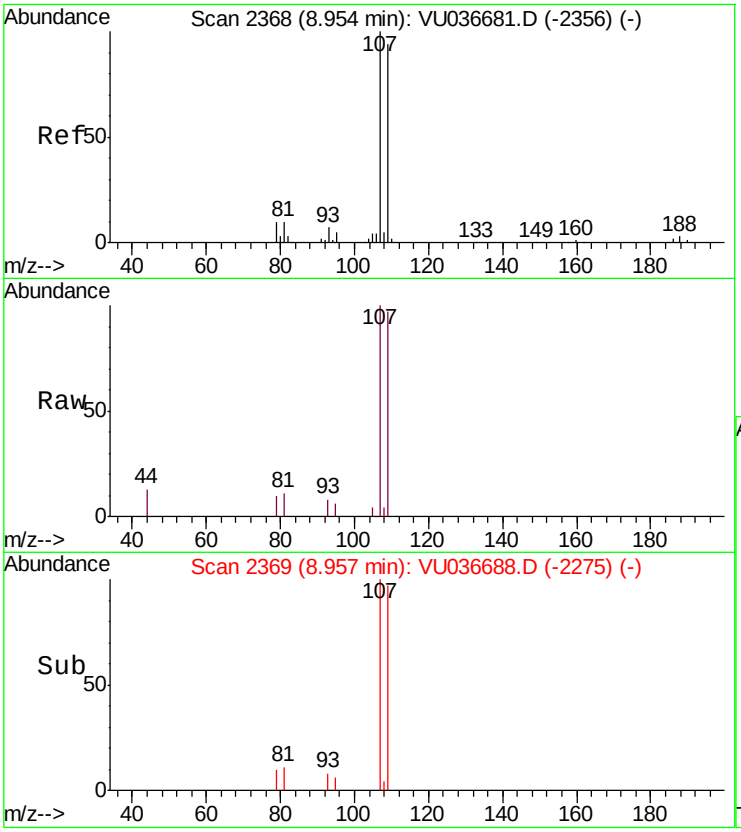


#49
Dibromochloromethane
Concen: 2.367 ug/L
RT: 8.84 min Scan# 2332
Delta R.T. -0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:129 Resp: 4169

Ion	Ratio	Lower	Upper
129	100		
127	79.1	53.6	99.6



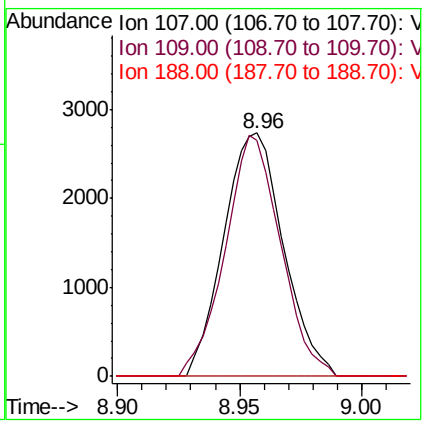


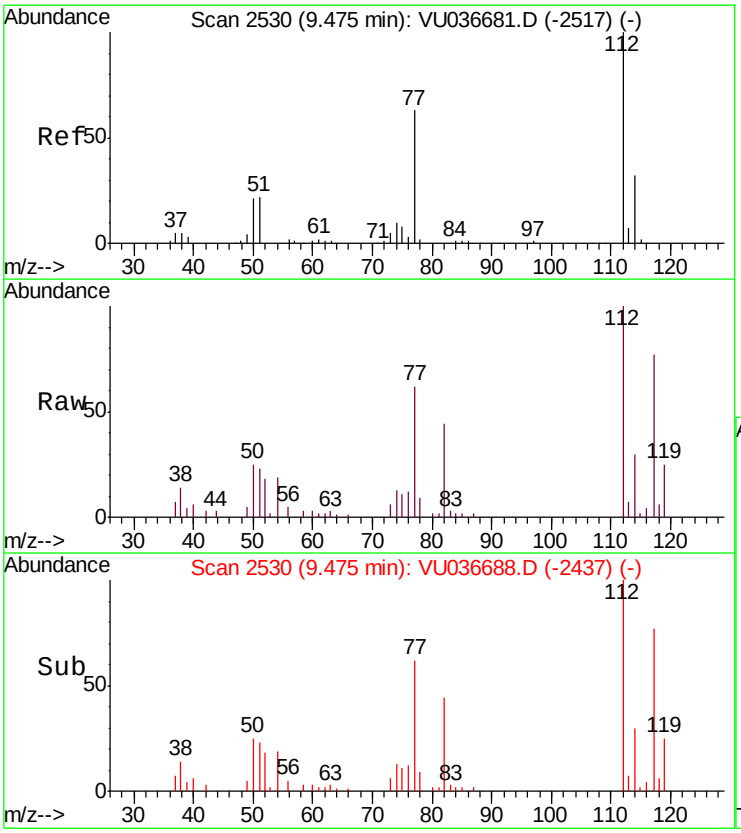
#50
1,2-Dibromoethane
Concen: 2.460 ug/L
RT: 8.96 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion:107 Resp: 4654

Ion	Ratio	Lower	Upper
107	100		
109	97.0	65.8	122.2
188	0.0	2.5	3.7#

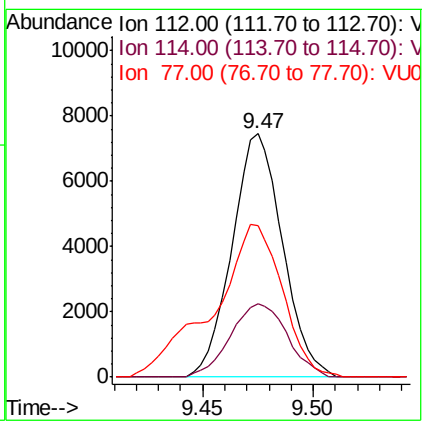


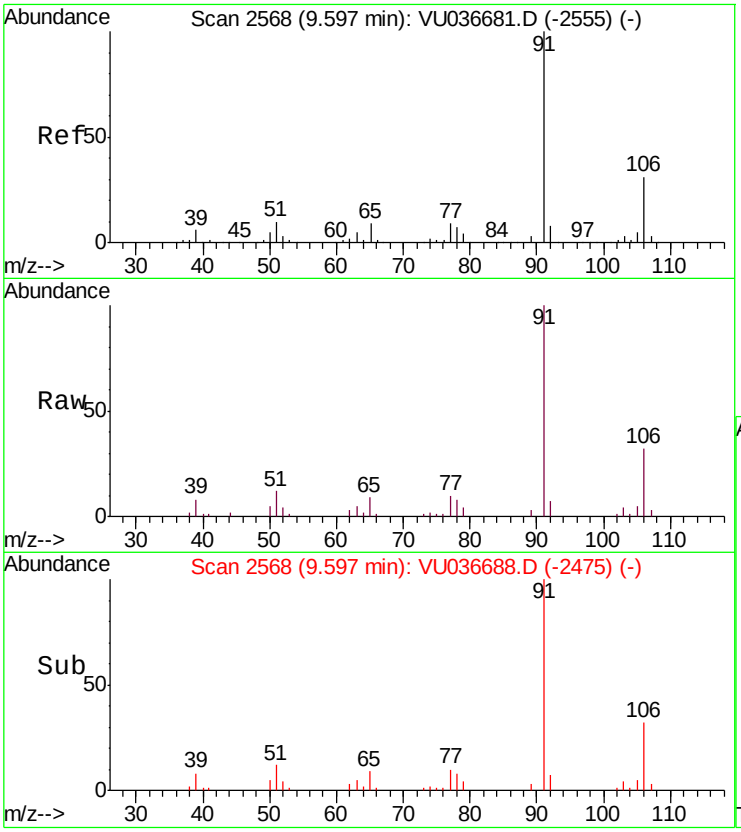


#51
Chlorobenzene
Concen: 2.499 ug/L
RT: 9.47 min Scan# 2530
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:112 Resp: 11903

Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.7	42.1
77	62.4	50.6	75.8



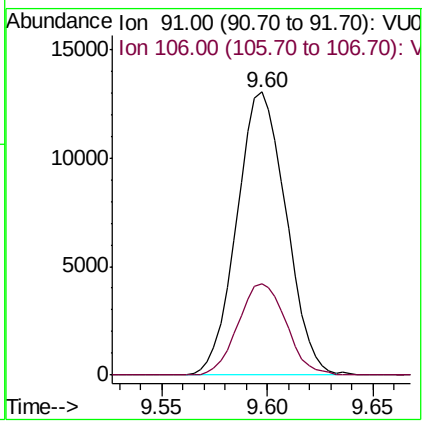


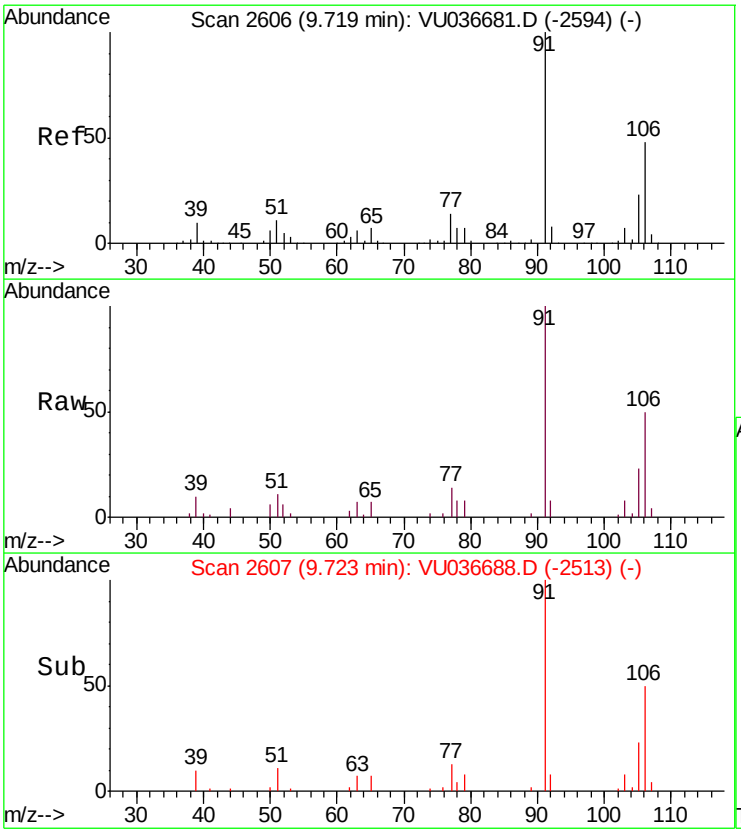
#52
Ethylbenzene
Concen: 2.440 ug/L
RT: 9.60 min Scan# 2568
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 91 Resp: 21201

Ion	Ratio	Lower	Upper
91	100		
106	32.4	21.3	39.6

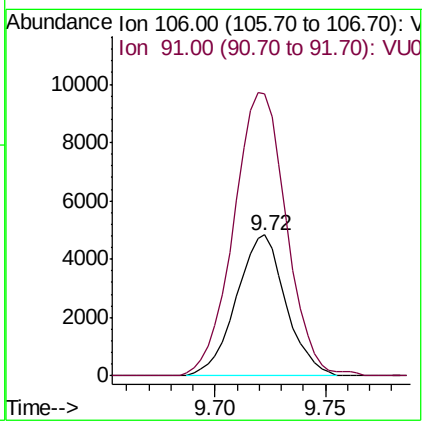


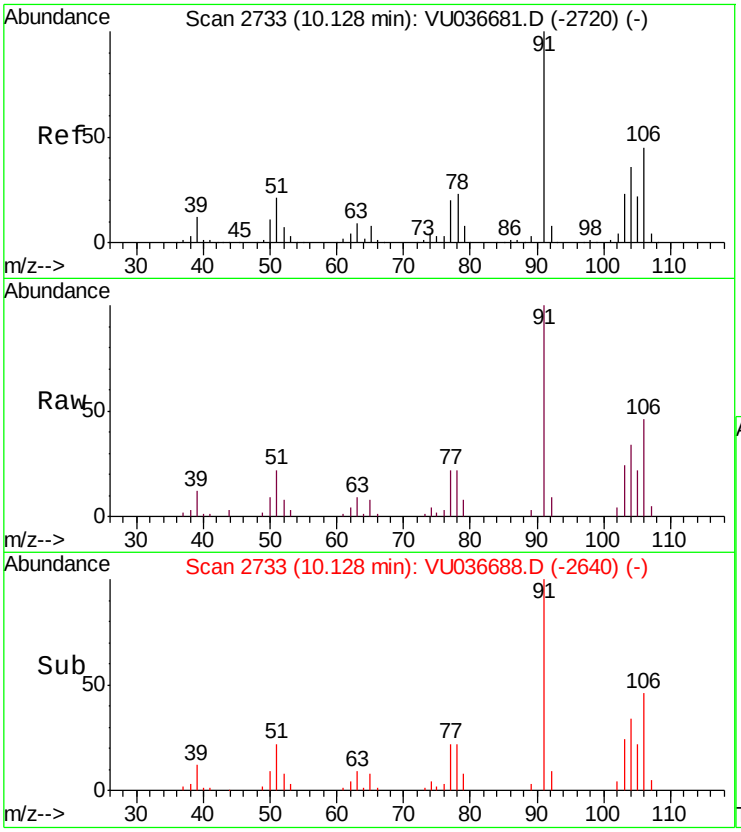


#53
m,p-Xylene
Concen: 2.354 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:106 Resp: 7547

Ion	Ratio	Lower	Upper
106	100		
91	200.2	145.9	270.9



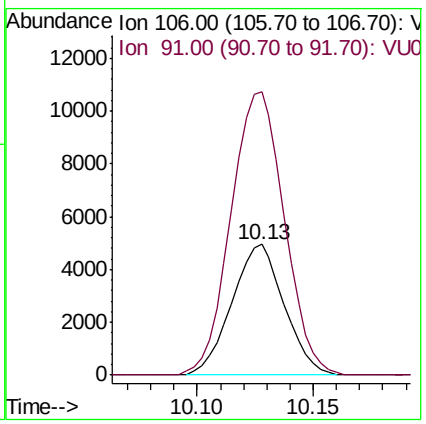


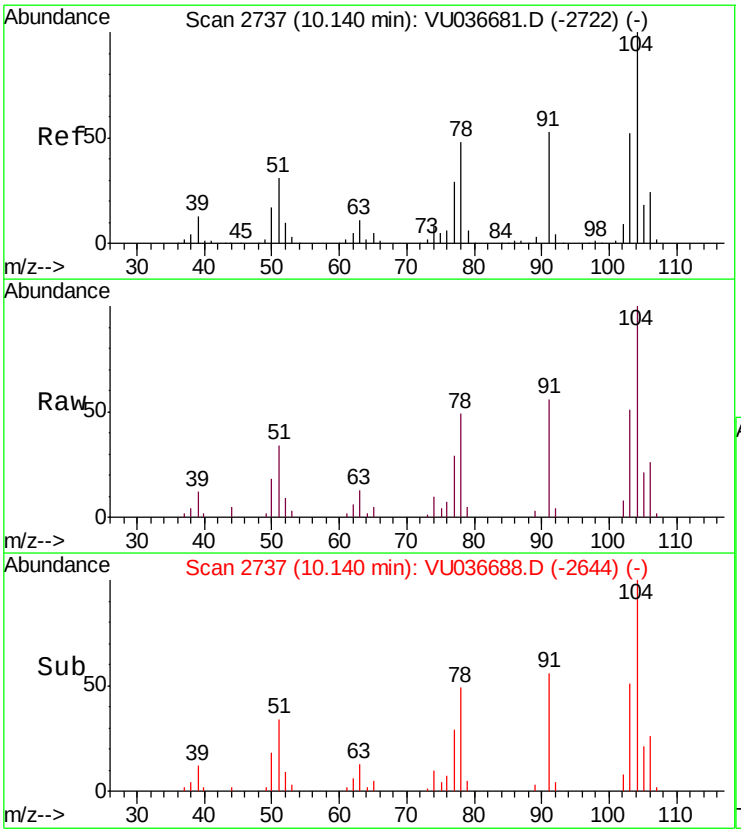
#54
o-xylene
Concen: 2.441 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion:106 Resp: 7752

Ion	Ratio	Lower	Upper
106	100		
91	217.0	156.0	289.6

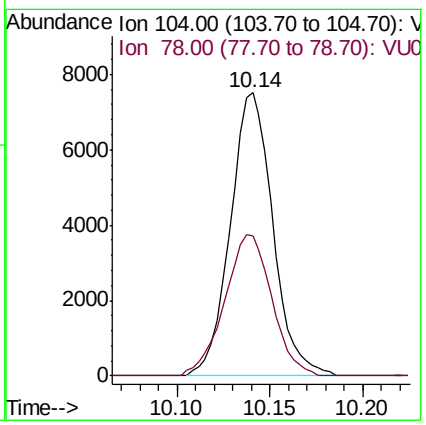


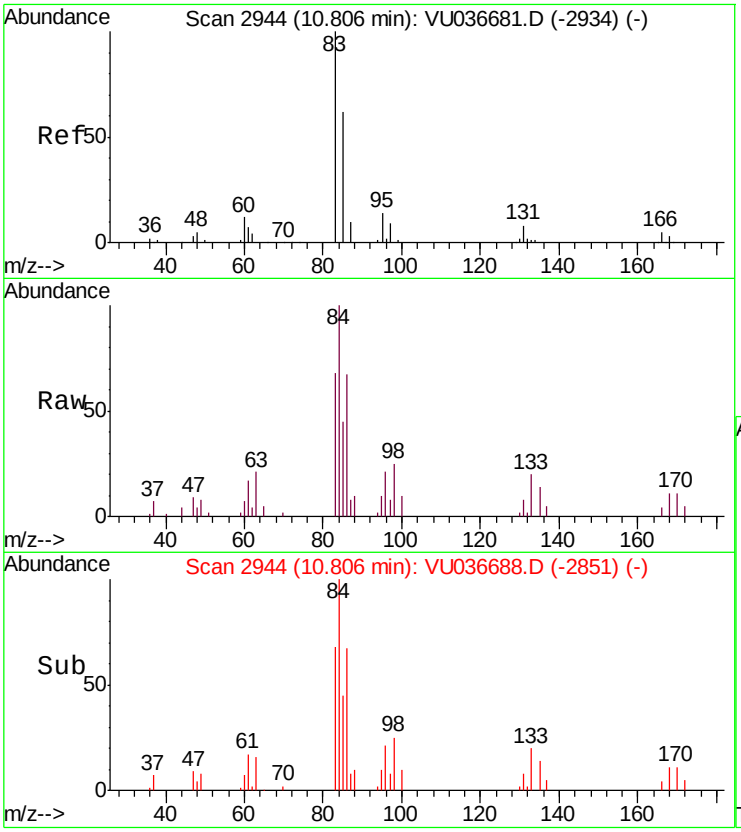


#55
Styrene
Concen: 2.263 ug/L
RT: 10.14 min Scan# 2737
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:104 Resp: 11978

Ion	Ratio	Lower	Upper
104	100		
78	49.3	33.7	62.7



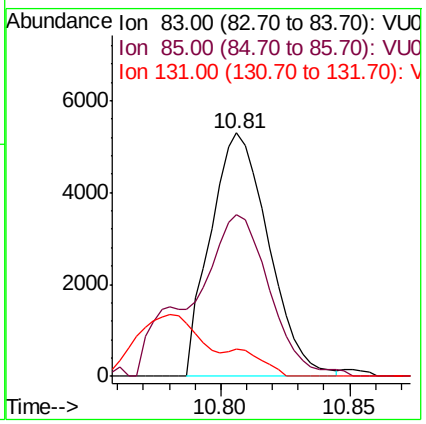


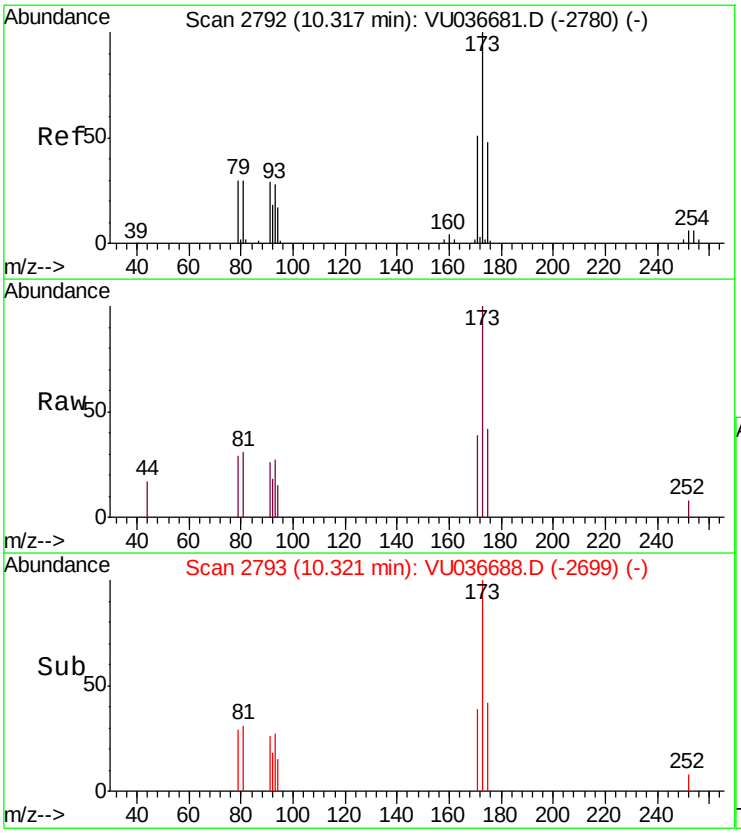
#57
1,1,2,2-Tetrachloroethane
Concen: 2.554 ug/L
RT: 10.81 min Scan# 2944
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 83 Resp: 8287

Ion	Ratio	Lower	Upper
83	100		
85	66.6	44.7	82.9
131	11.1	6.8	10.2#

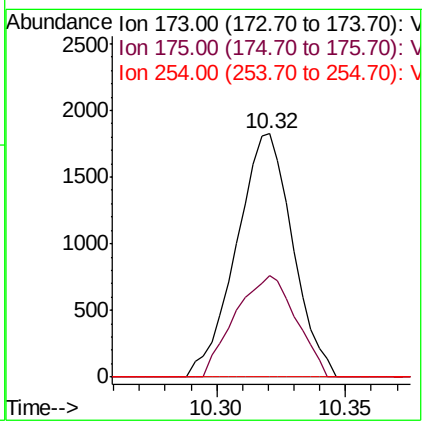


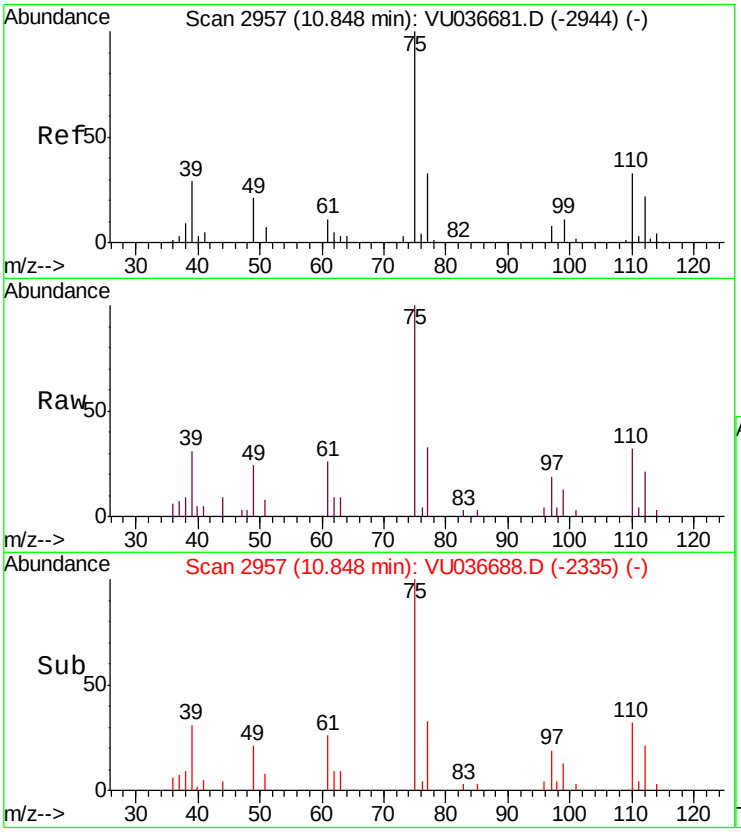


#59
Bromoform
Concen: 2.428 ug/L
RT: 10.32 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:173 Resp: 2783

Ion	Ratio	Lower	Upper
173	100		
175	44.9	38.2	57.4
254	0.0	4.8	7.2#



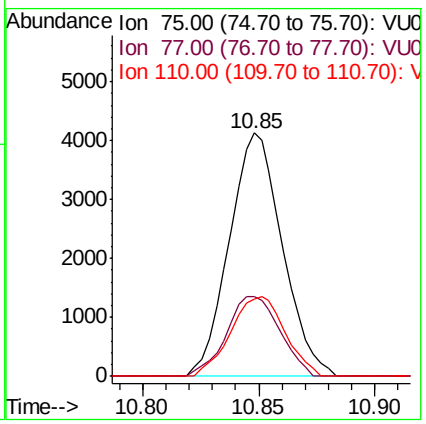


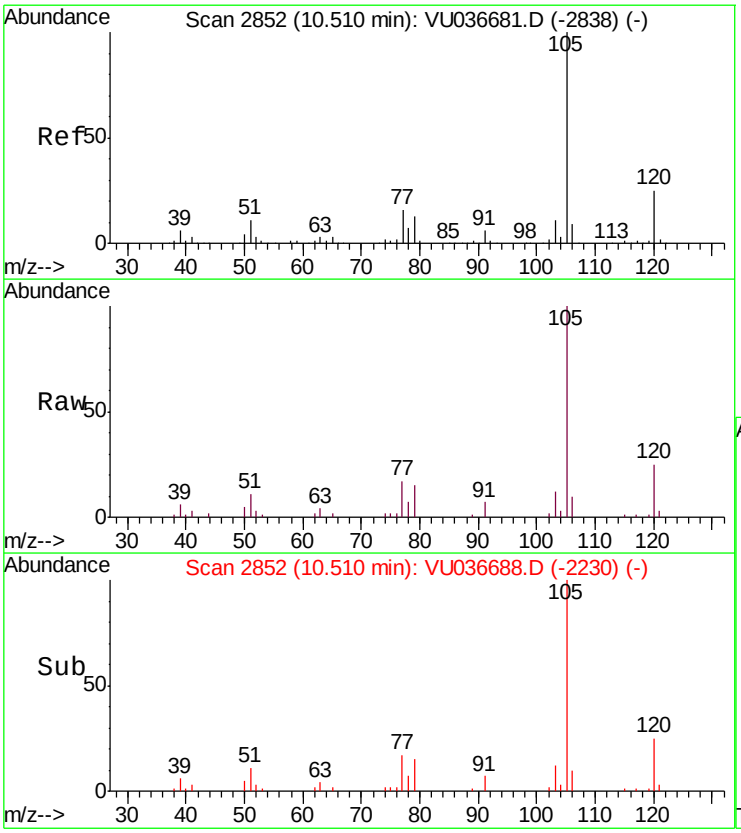
#60
1,2,3-Trichloropropane
Concen: 2.690 ug/L
RT: 10.85 min Scan# 2957
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion: 75 Resp: 6564

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.1	39.1
110	33.5	26.9	40.3

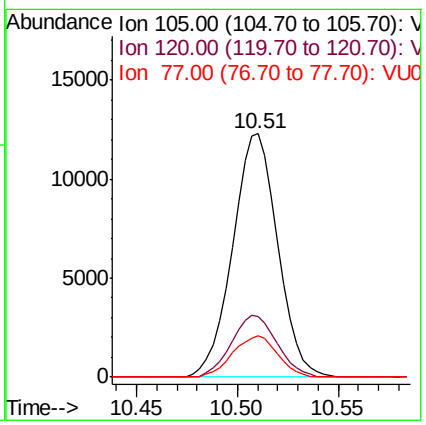


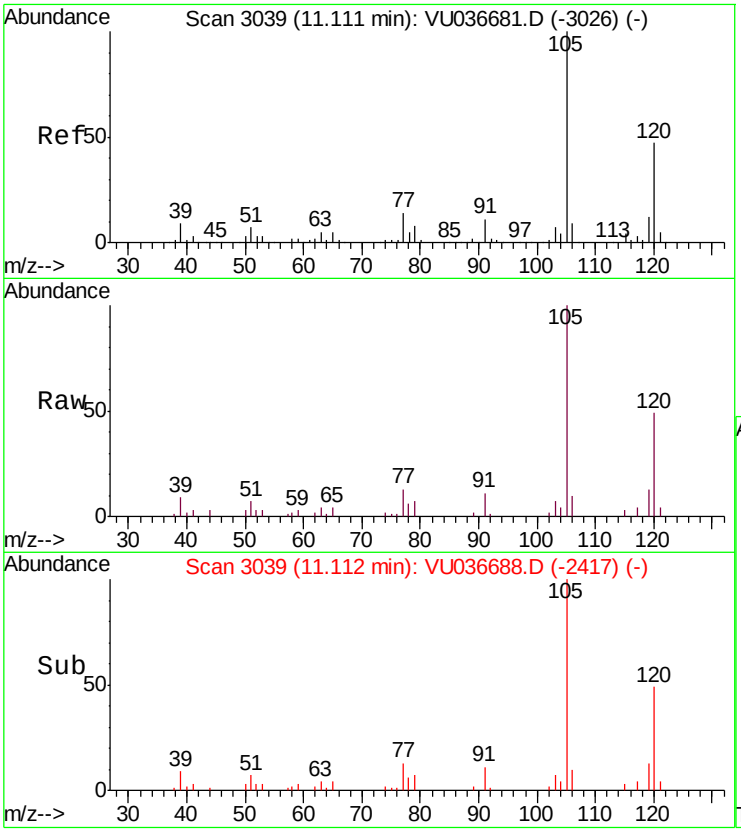


#61
Isopropylbenzene
Concen: 2.492 ug/L
RT: 10.51 min Scan# 2852
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:105 Resp: 19256

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.2	30.4
77	16.7	13.0	19.6



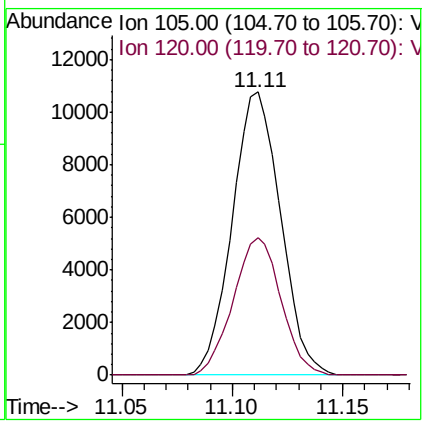


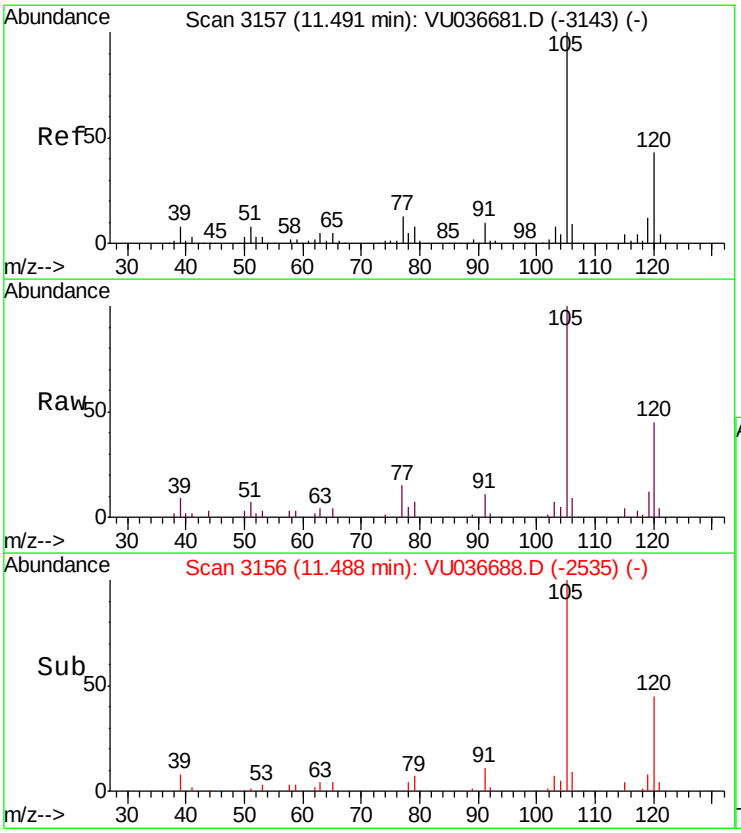
#62
1,3,5-Trimethylbenzene
Concen: 2.478 ug/L
RT: 11.11 min Scan# 3039
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:105 Resp: 16413

Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.1	55.7

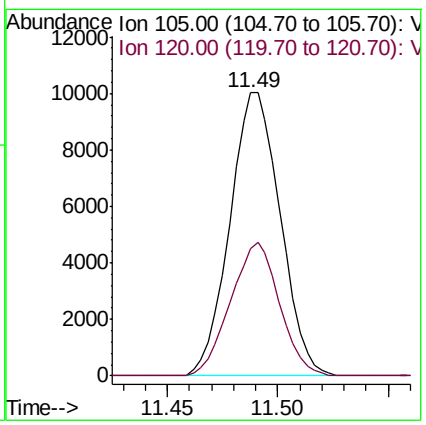


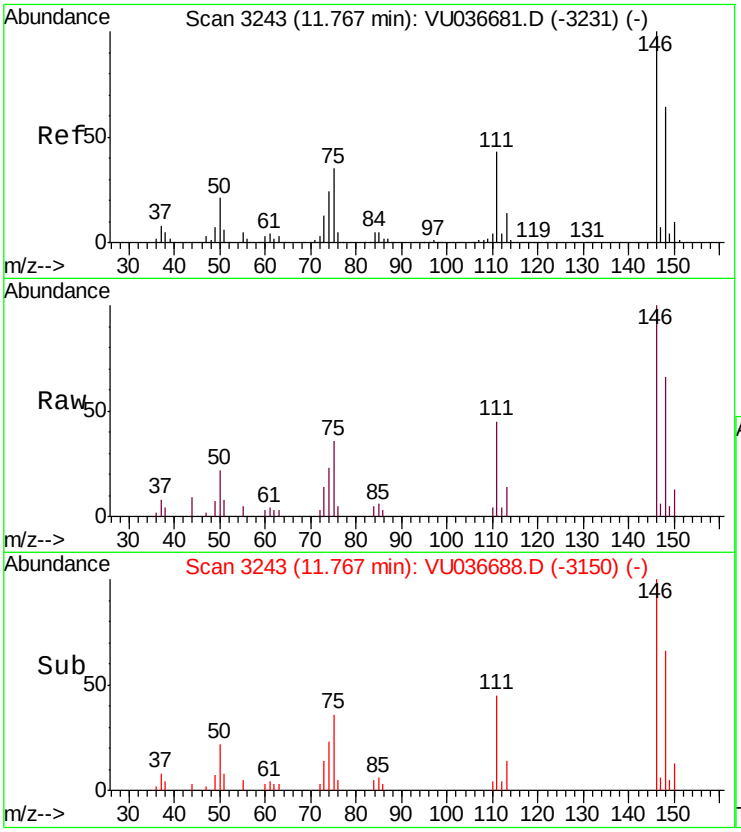


#63
1,2,4-Trimethylbenzene
Concen: 2.408 ug/L
RT: 11.49 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:105 Resp: 15924

Ion	Ratio	Lower	Upper
105	100		
120	45.8	34.7	52.1



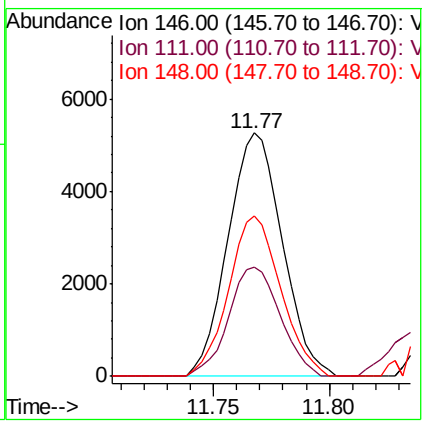


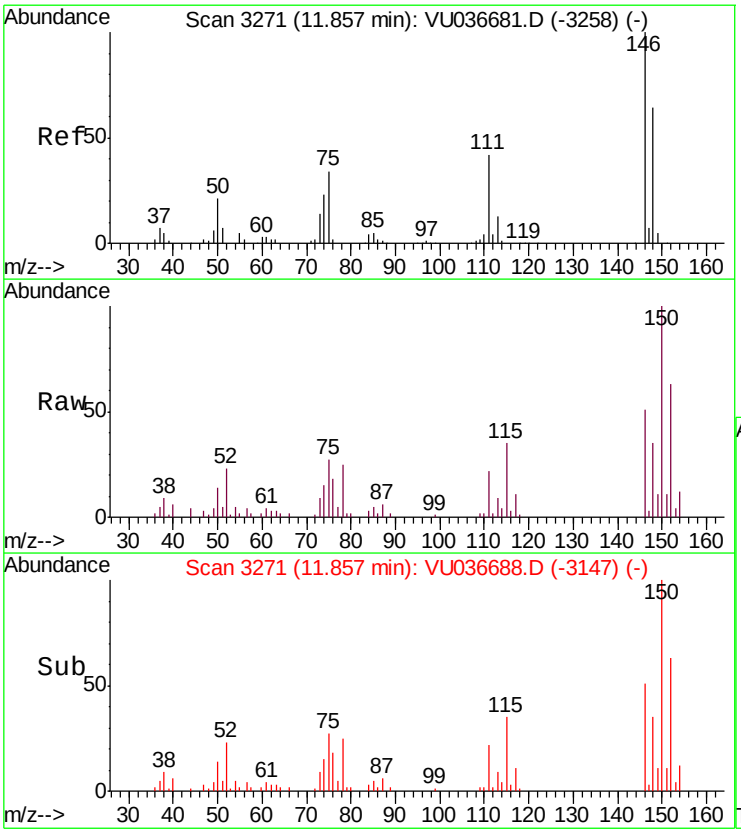
#64
1,3-Dichlorobenzene
Concen: 2.636 ug/L
RT: 11.77 min Scan# 3243
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument : MSVOA_U
ClientSampleId : MDL02

Tgt Ion:146 Resp: 8563

Ion	Ratio	Lower	Upper
146	100		
111	44.6	30.4	56.4
148	65.8	44.5	82.7

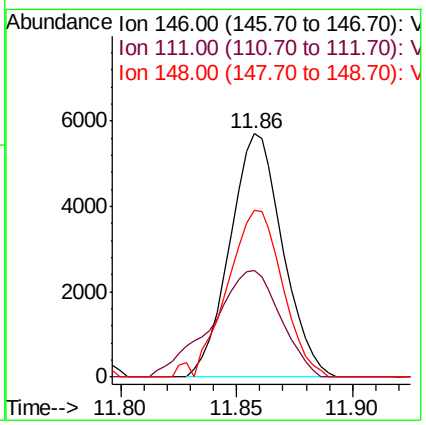


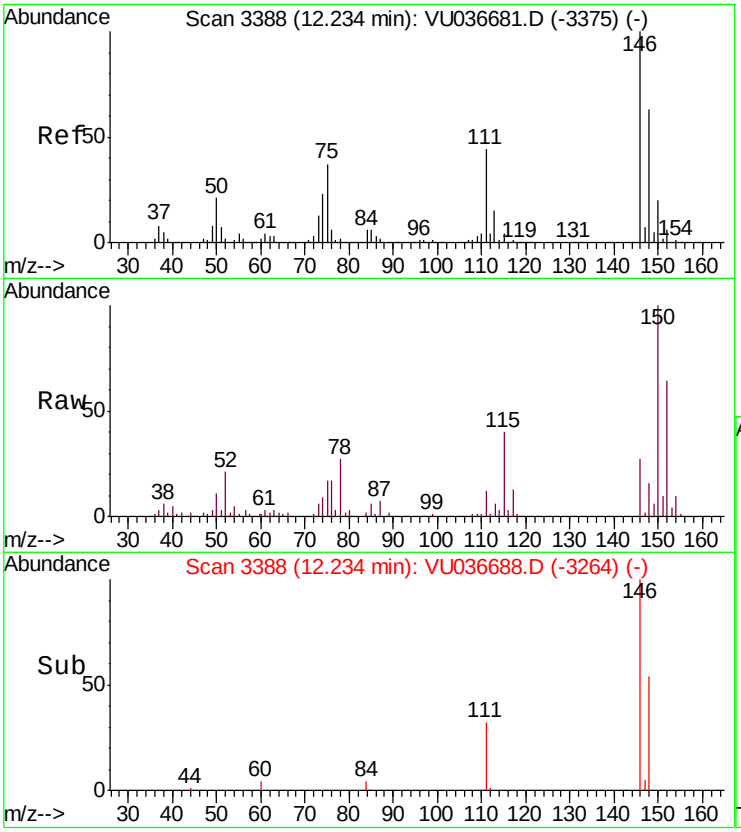


#65
1,4-Dichlorobenzene
Concen: 2.758 ug/L
RT: 11.86 min Scan# 3271
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:146 Resp: 9021

Ion	Ratio	Lower	Upper
146	100		
111	43.9	29.3	54.3
148	68.6	44.8	83.2



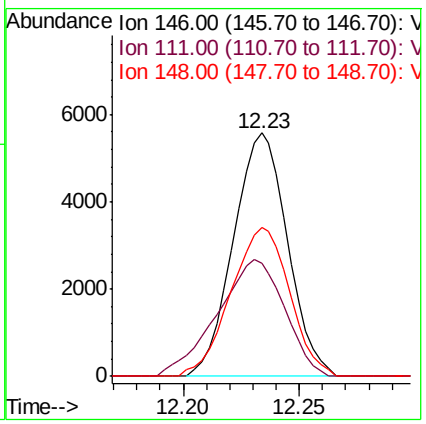


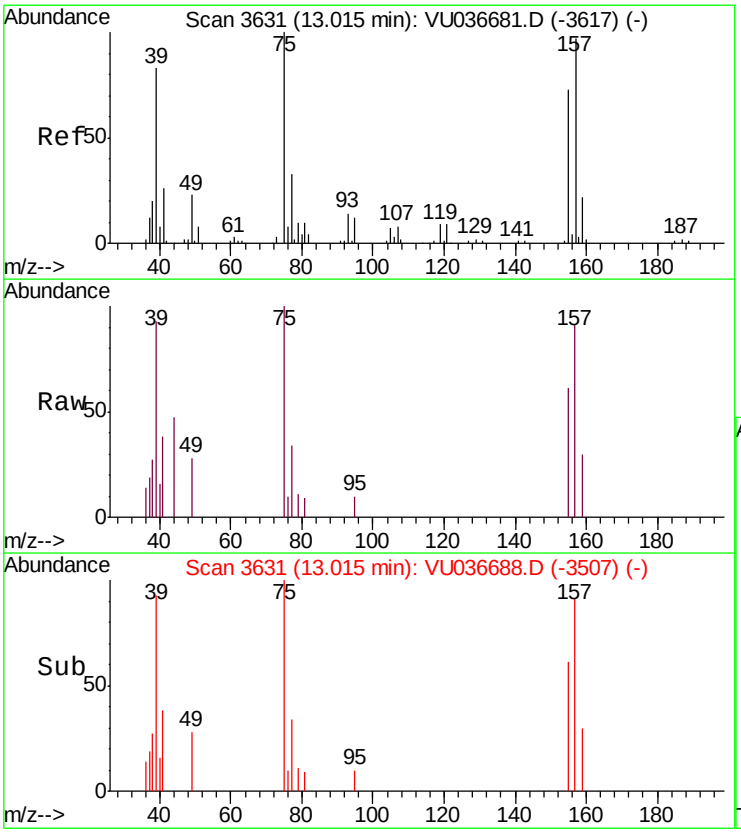
#67
1,2-Dichlorobenzene
Concen: 2.743 ug/L
RT: 12.23 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:146 Resp: 9022

Ion	Ratio	Lower	Upper
146	100		
111	46.6	35.4	53.0
148	61.2	50.4	75.6

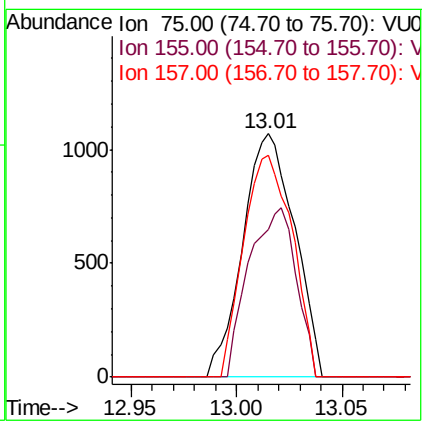


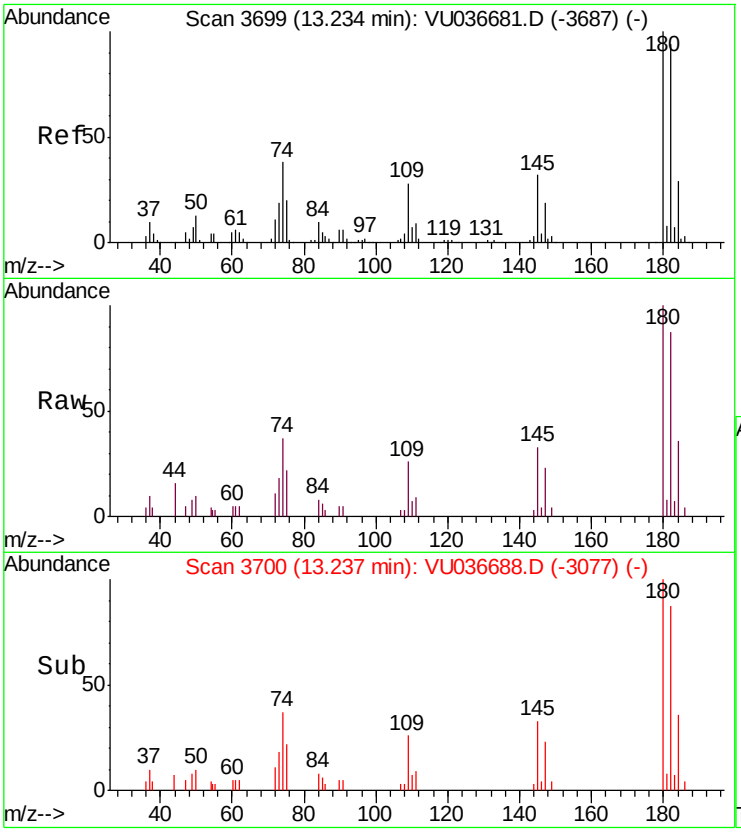


#68
1,2-Dibromo-3-chloropropane
Concen: 2.615 ug/L
RT: 13.01 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion: 75 Resp: 1824

Ion	Ratio	Lower	Upper
75	100		
155	60.8	58.7	88.1
157	91.3	77.8	116.6



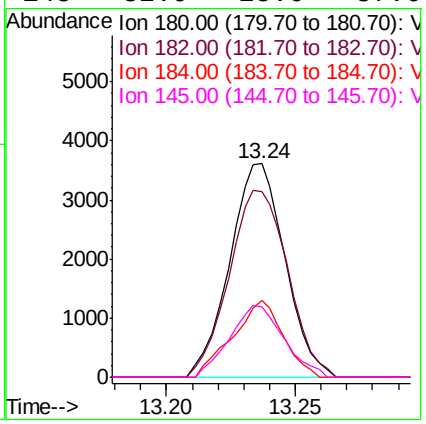


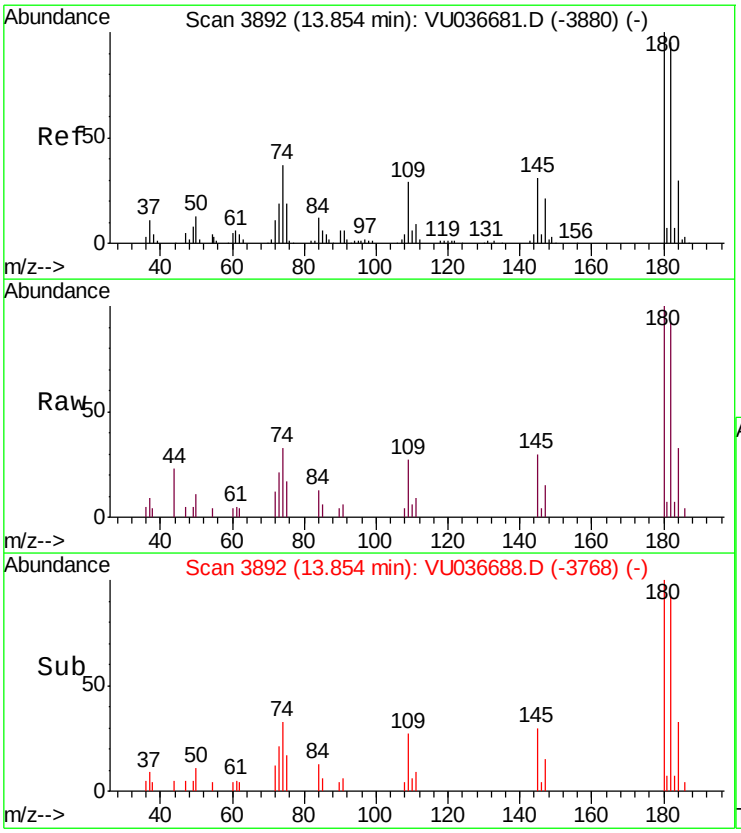
#69
1,3,5-Trichlorobenzene
Concen: 2.401 ug/L
RT: 13.24 min Scan# 3700
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:180 Resp: 5409

Ion	Ratio	Lower	Upper
180	100		
182	92.4	76.2	114.4
184	32.7	23.8	35.6
145	32.9	25.0	37.6

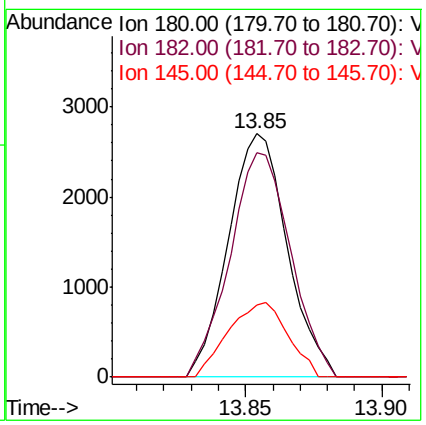


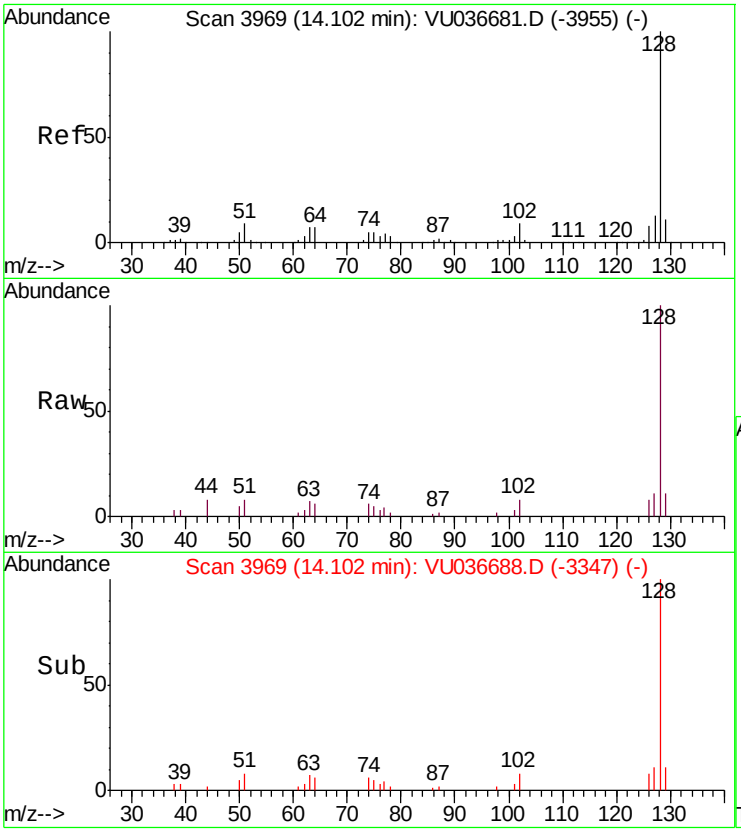


#70
1,2,4-trichlorobenzene
Concen: 2.155 ug/L
RT: 13.85 min Scan# 3892
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:180 Resp: 4048

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	30.9	25.7	38.5



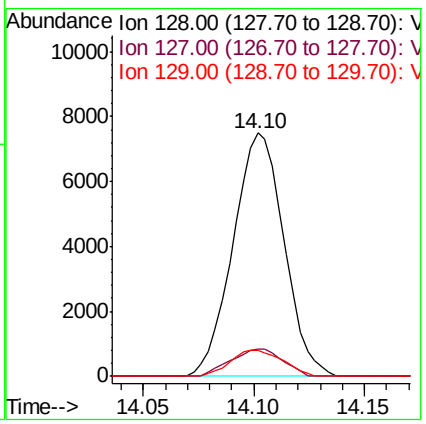


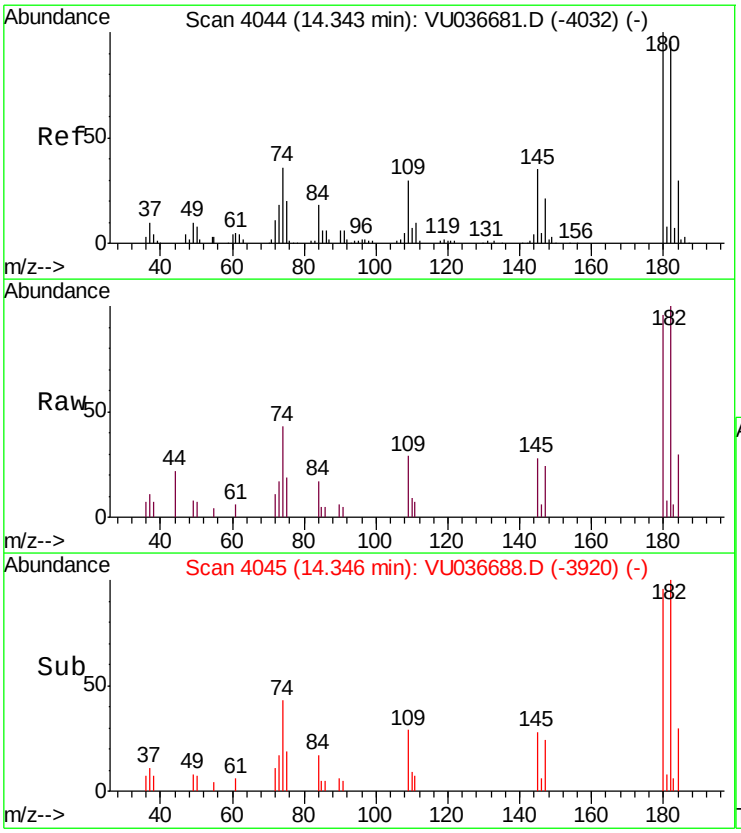
#71
Naphthalene
Concen: 1.811 ug/L
RT: 14.10 min Scan# 3969
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Tgt Ion:128 Resp: 11991

Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.6	16.0
129	11.1	8.5	12.7





#72
1,2,3-Trichlorobenzene
Concen: 2.039 ug/L
RT: 14.35 min Scan# 4045
Delta R.T. 0.00 min
Lab File: VU036688.D
Acq: 06 Feb 2020 16:06

Tgt Ion:180 Resp: 3817

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.8	115.2
145	31.4	27.5	41.3