Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

Quantitation Report (QT Reviewed)

Data File : VU027780.D
Acq On : 24 Oct 2018 12:59
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 25 06:36:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
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10/26/2018 11:26:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	40243	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	38747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	18508	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	15372	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.68	69	12113	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.28	63	23739	3.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.60%			
20) 2-Butanone-d5	4.21	46	51320	51.45	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.90%			
24) Chloroform-d	4.65	84	27844	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.31	65	17354	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.34	84	52904	5.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.33	67	19144	5.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.40%			
41) Toluene-d8	7.57	98	50063	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
43) trans-1,3-Dichloropropene-	7.85	79	7668	5.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.00%			
46) 2-Hexanone-d5	8.32	63	42199	51.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.82%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13941	5.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	18441	5.29	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.80%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	927	0.238	ug/L	96
3) Chloromethane	1.33	50	1206	0.275	ug/L	83
5) Vinyl chloride	1.40	62	1075	0.255	ug/L #	74
6) Bromomethane	1.63	94	531	0.246	ug/L	100
8) Chloroethane	1.70	64	686	0.301	ug/L	97
9) Trichlorofluoromethane	1.89	101	1379	0.247	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	751	0.267	ug/L	88
12) 1,1-Dichloroethene	2.29	96	729	0.278	ug/L #	1
13) Acetone	2.35	43	1849m	2.571	ug/L	
14) Carbon disulfide	2.48	76	2446	0.272	ug/L #	93
16) Methylene chloride	2.71	84	1056	0.341	ug/L	93
17) Methyl tert-butyl Ether	3.01	73	1915m	0.228	ug/L	
18) trans-1,2-Dichloroethene	2.99	96	695	0.247	ug/L	94
19) 1,1-Dichloroethane	3.44	63	1560	0.251	ug/L #	79
21) 2-Butanone	4.31	43	3385	2.869	ug/L	79
22) cis-1,2-Dichloroethene	4.24	96	708	0.212	ug/L	81
25) Chloroform	4.68	83	1820	0.291	ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

Quantitation Report (QT Reviewed)

Data File : VU027780.D
Acq On : 24 Oct 2018 12:59
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL04

Manual Integrations APPROVED
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10/26/2018 11:26:33 AM

Quant Time: Oct 25 06:36:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
27) 1,2-Dichloroethane	5.41	62	1056	0.228 ug/L	#	79
29) 1,1,1-Trichloroethane	4.92	97	1235	0.222 ug/L		91
30) Cyclohexane	4.99	56	1458	0.234 ug/L	#	92
31) Carbon tetrachloride	5.14	117	1132	0.237 ug/L		90
33) Benzene	5.39	78	3113	0.242 ug/L		100
34) Trichloroethene	6.19	95	850	0.255 ug/L		92
35) Methylcyclohexane	6.41	83	1411	0.253 ug/L	#	84
38) Bromodichloromethane	6.76	83	1081	0.239 ug/L	#	97
39) cis-1,3-Dichloropropene	7.27	75	1345	0.248 ug/L		92
40) 4-Methyl-2-pentanone	7.47	43	6699	2.370 ug/L	#	93
42) Toluene	7.64	91	3188	0.230 ug/L		86
44) trans-1,3-Dichloropropene	7.88	75	1030	0.226 ug/L		94
45) 1,1,2-Trichloroethane	8.08	97	491	0.215 ug/L		96
47) Tetrachloroethene	8.23	164	626	0.231 ug/L		86
48) 2-Hexanone	8.37	43	6047	3.011 ug/L	#	91
49) Dibromochloromethane	8.48	129	534	0.184 ug/L		98
50) 1,2-Dibromoethane	8.59	107	504	0.227 ug/L	#	90
51) Chlorobenzene	9.12	112	2156	0.253 ug/L		94
52) Ethylbenzene	9.25	91	3811	0.237 ug/L		97
53) m,p-xylene	9.38	106	1354	0.238 ug/L		90
54) o-xylene	9.78	106	1248	0.224 ug/L		85
55) Styrene	9.80	104	2237	0.237 ug/L		98
56) Isopropylbenzene	10.17	105	3825	0.248 ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.46	83	854m	0.285 ug/L		
59) 1,2,3-Trichloropropane	10.49	75	599m	0.252 ug/L		
62) 1,3-Dichlorobenzene	11.42	146	1706	0.262 ug/L		93
63) 1,4-Dichlorobenzene	11.51	146	1648	0.251 ug/L		95
65) 1,2-Dichlorobenzene	11.88	146	1620	0.265 ug/L		97
67) 1,3,5-Trichlorobenzene	13.51	180	1015	0.194 ug/L		96
68) 1,2,4-trichlorobenzene	13.51	180	1015	0.224 ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	980	0.234 ug/L	#	94

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\

Quantitation Report (QT Reviewed)

Data File : VU027780.D
Acq On : 24 Oct 2018 12:59
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 25 06:36:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
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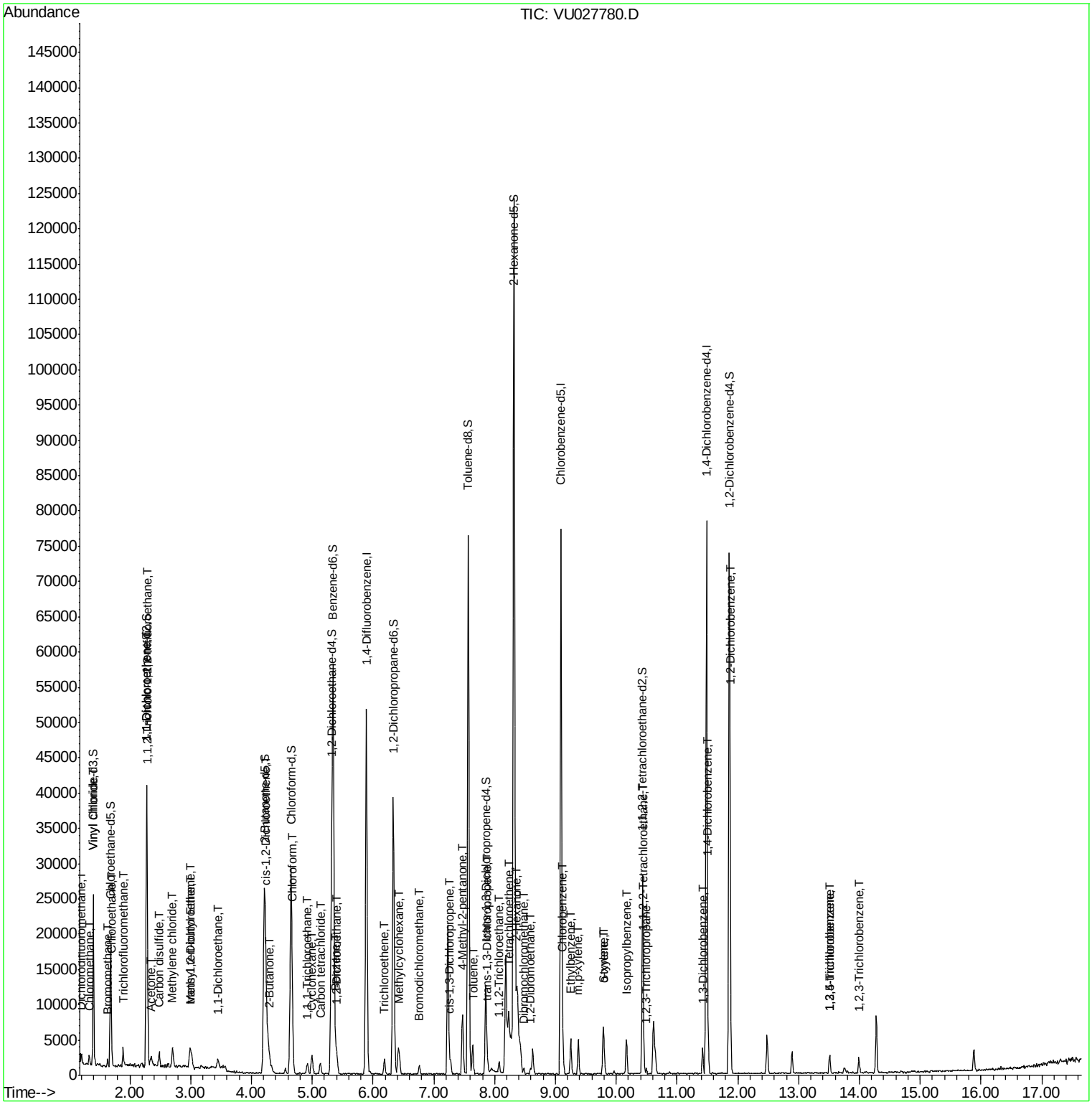
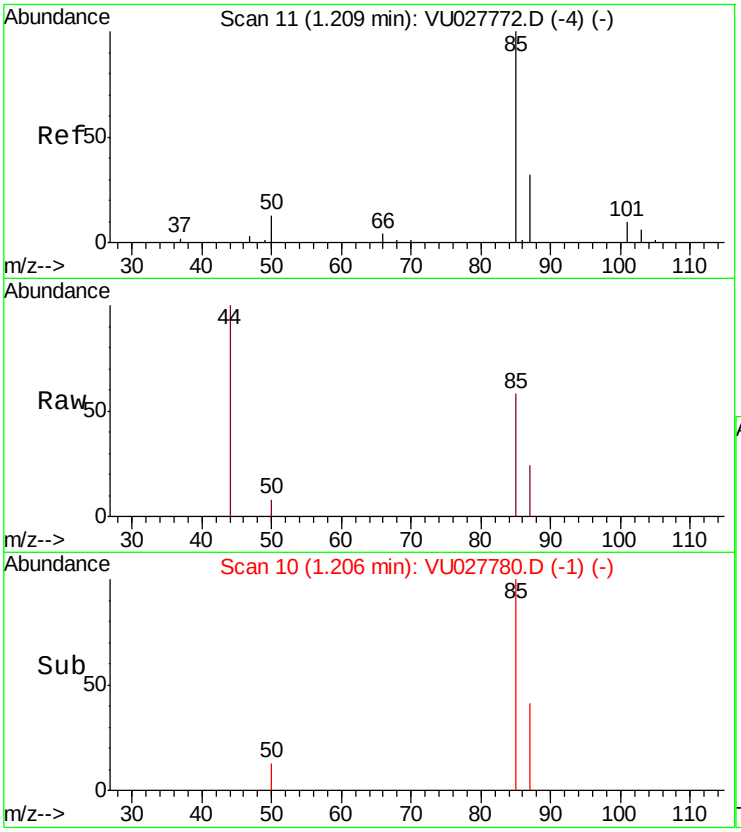
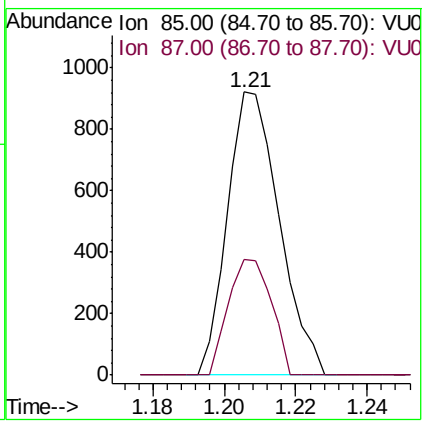




#2
Dichlorodifluoromethane
Concen: 0.238 ug/L
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 85 Resp: 927

Ion	Ratio	Lower	Upper
85	100		
87	33.8	25.4	38.0



Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
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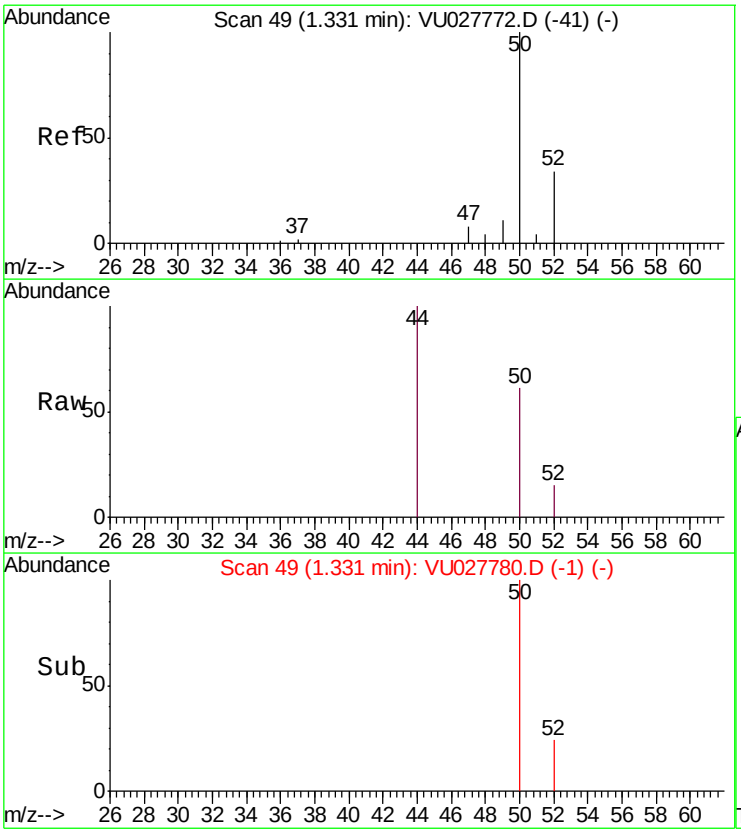
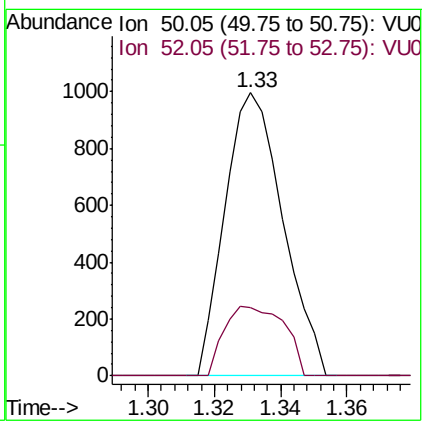
10/26/2018 11:26:33 AM

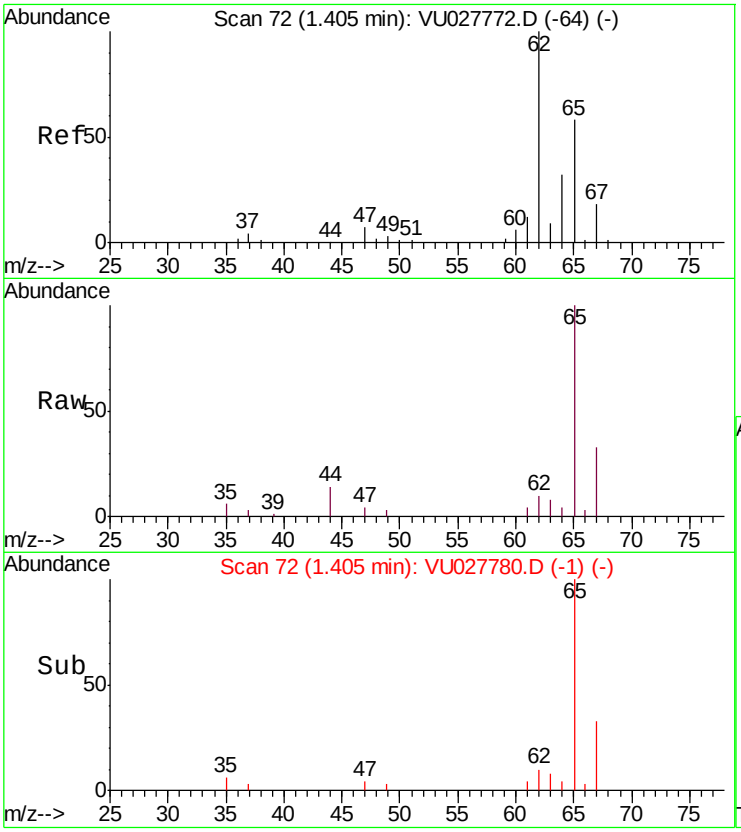


#3
Chloromethane
Concen: 0.275 ug/L
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 50 Resp: 1206

Ion	Ratio	Lower	Upper
50	100		
52	24.0	23.7	43.9





#5
Vinyl chloride
Concen: 0.255 ug/L
RT: 1.40 min Scan# 72
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 62 Resp: 1075

Ion	Ratio	Lower	Upper
62	100		
64	47.0	22.7	42.1#

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
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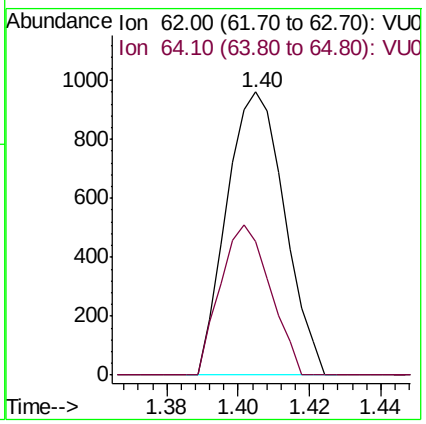
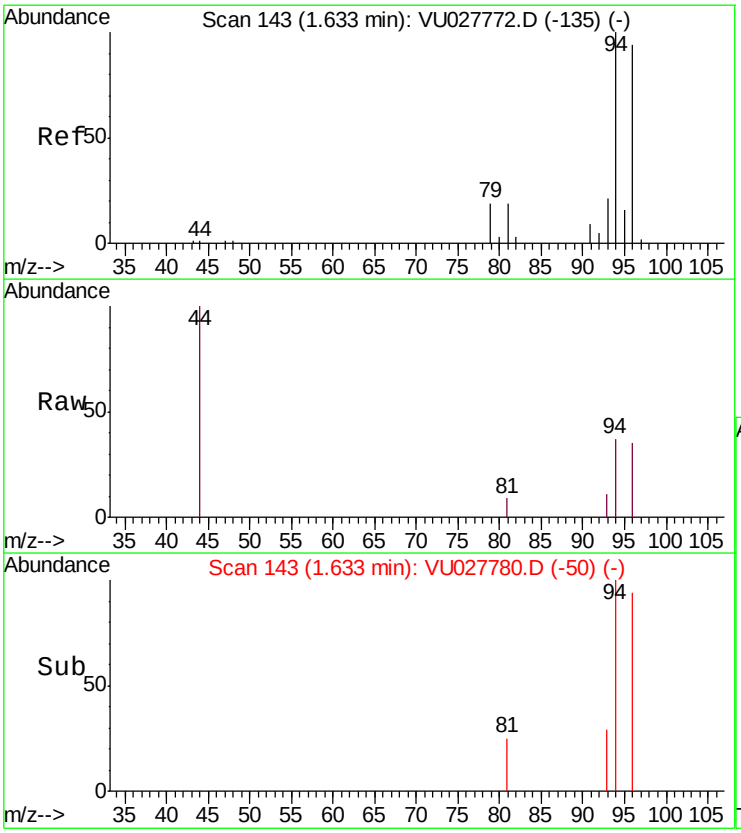
10/26/2018 11:26:33 AM

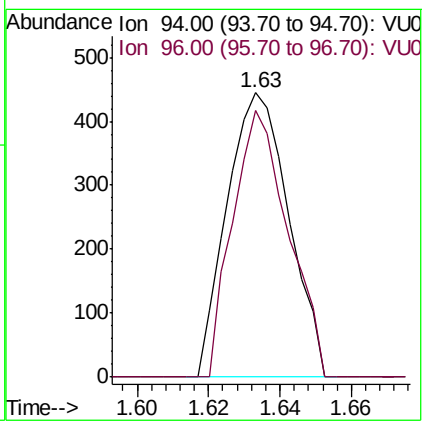


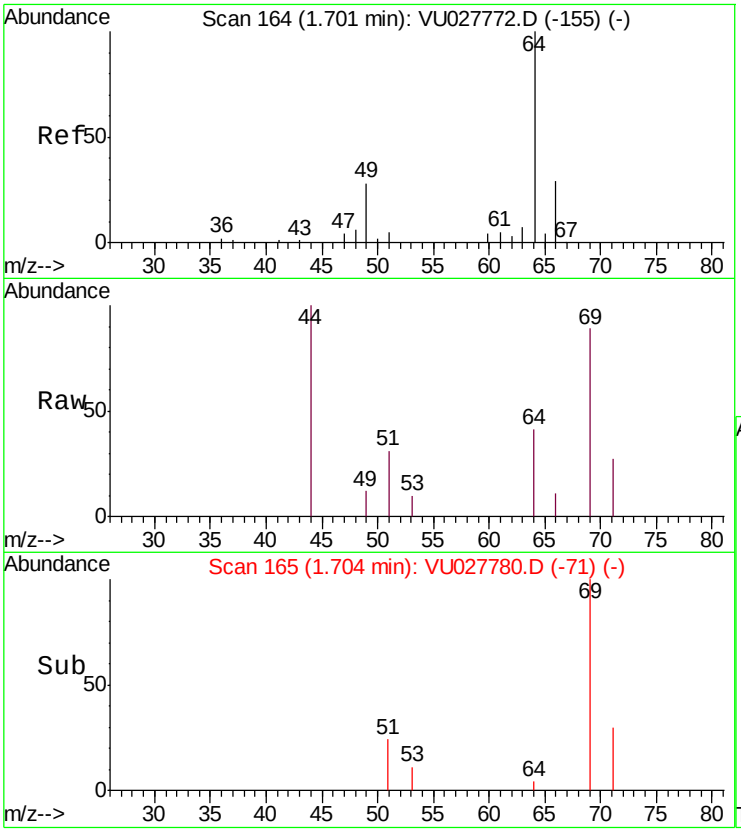


#6
Bromomethane
Concen: 0.246 ug/L
RT: 1.63 min Scan# 143
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 94 Resp: 531

Ion	Ratio	Lower	Upper
94	100		
96	93.9	65.5	121.7

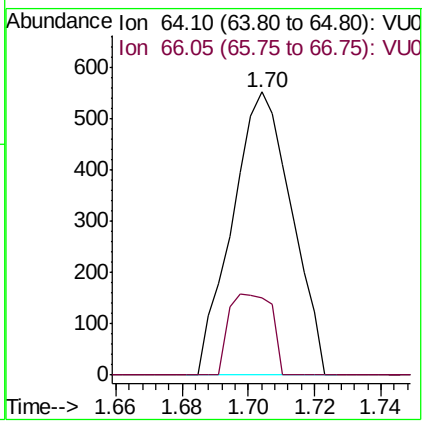




#8
Chloroethane
Concen: 0.301 ug/L
RT: 1.70 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 64 Resp: 686

Ion	Ratio	Lower	Upper
64	100		
66	27.4	20.3	37.7



Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
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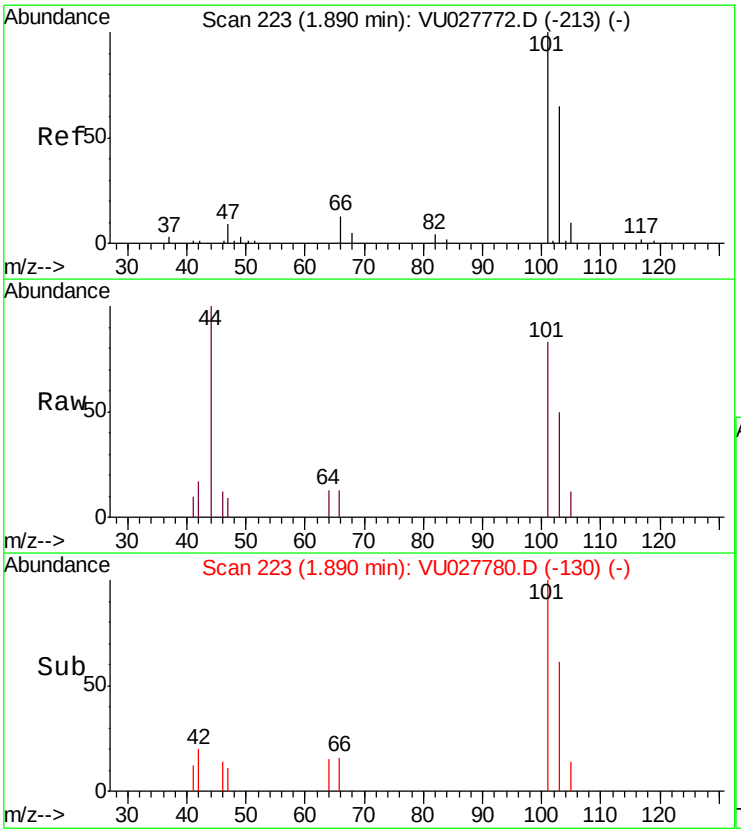
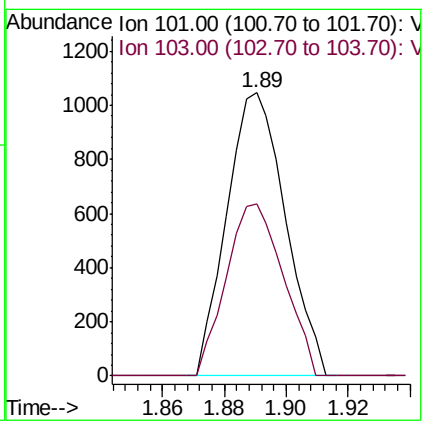
10/26/2018 11:26:33 AM

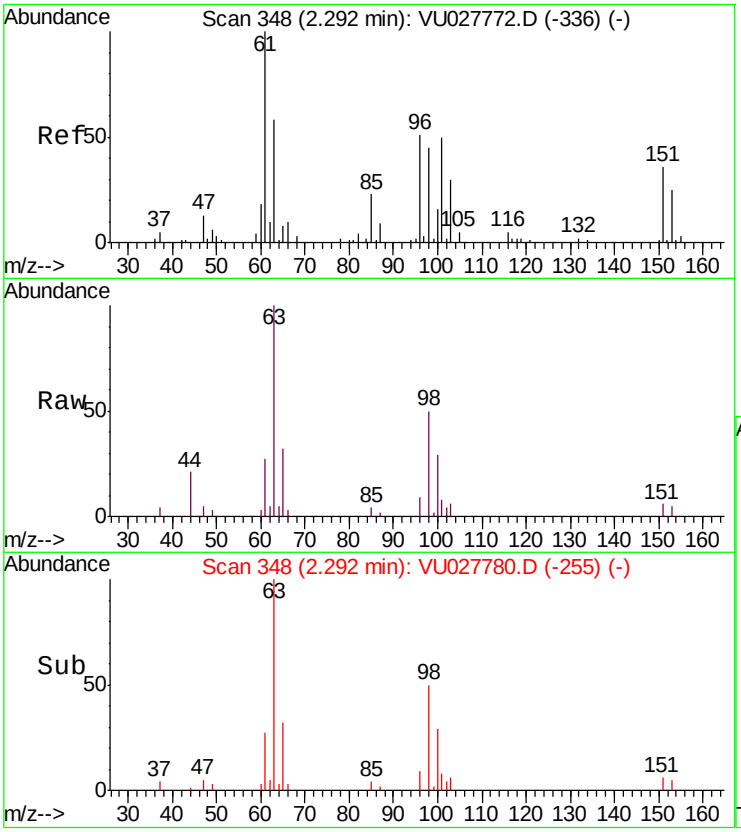


#9
Trichlorofluoromethane
Concen: 0.247 ug/L
RT: 1.89 min Scan# 223
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:101 Resp: 1379

Ion	Ratio	Lower	Upper
101	100		
103	59.2	51.0	76.4





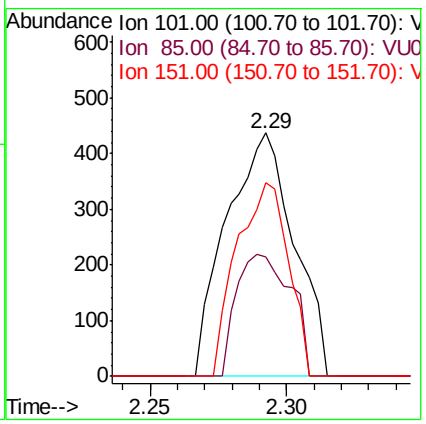
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.267 ug/L
RT: 2.29 min Scan# 348
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

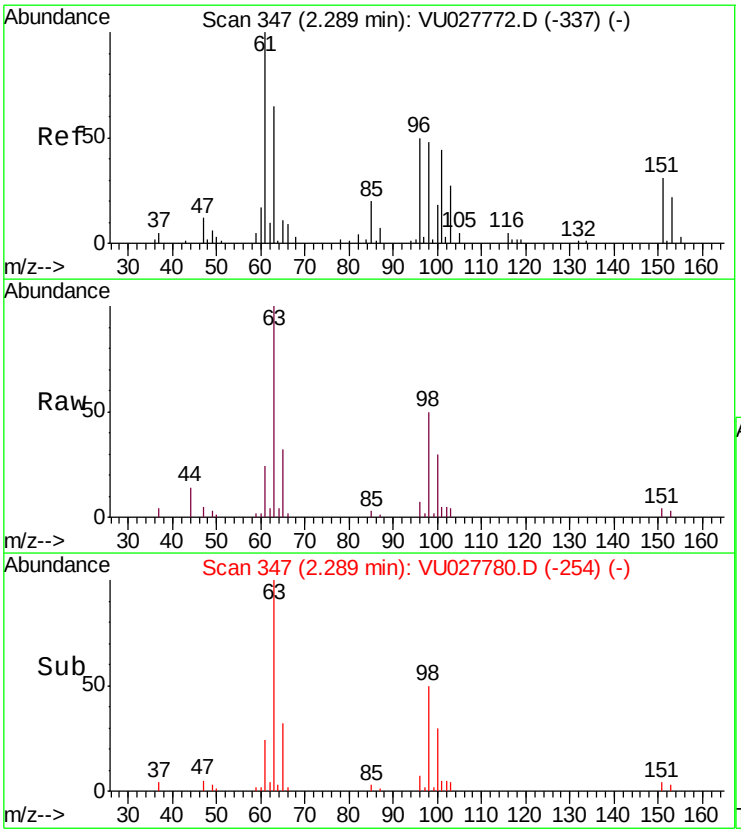
Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
10/26/2018 11:26:33 AM

Tgt Ion:101 Resp: 751

Ion	Ratio	Lower	Upper
101	100		
85	40.7	38.1	57.1
151	60.9	57.0	85.4

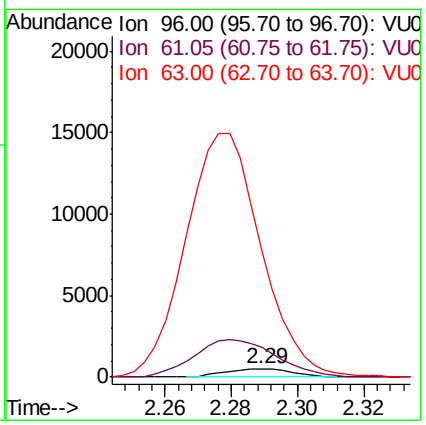


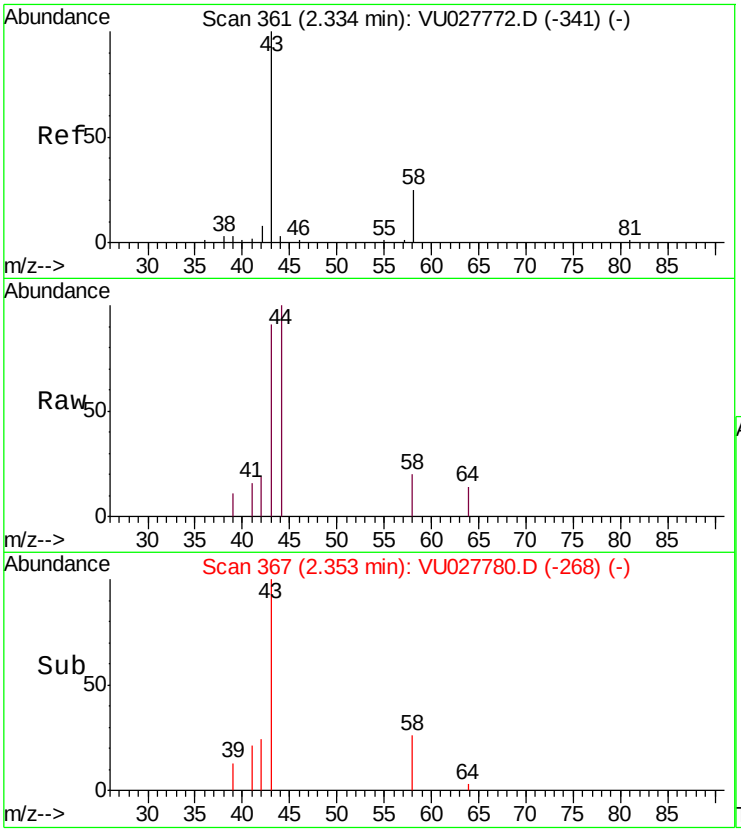


#12
1,1-Dichloroethene
Concen: 0.278 ug/L
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 96 Resp: 729

Ion	Ratio	Lower	Upper
96	100		
61	354.9	143.8	267.0#
63	1484.8	105.1	195.3#





#13
Acetone
Concen: 2.571 ug/L m
RT: 2.35 min Scan# 367
Delta R.T. 0.02 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 43 Resp: 1849

Ion	Ratio	Lower	Upper
43	100		
58	24.2	0.0	52.8

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
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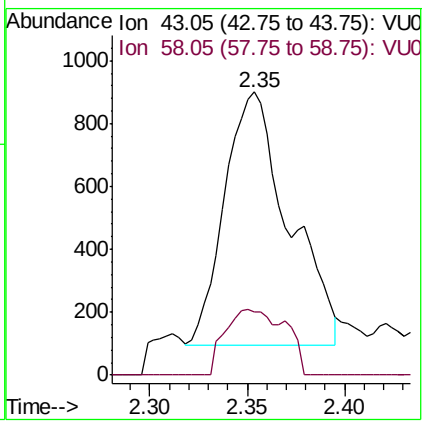
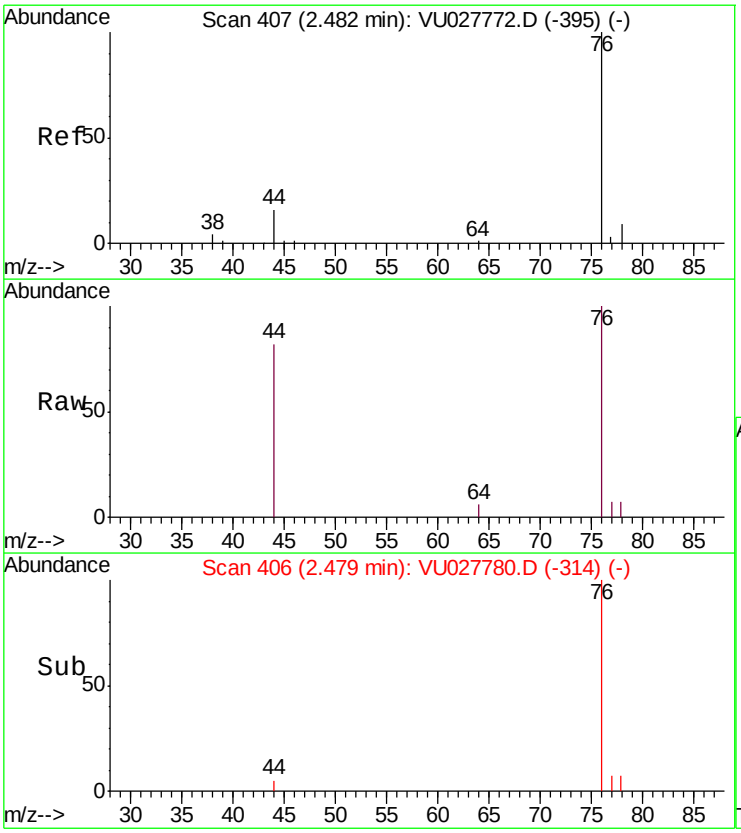
10/26/2018 11:26:33 AM

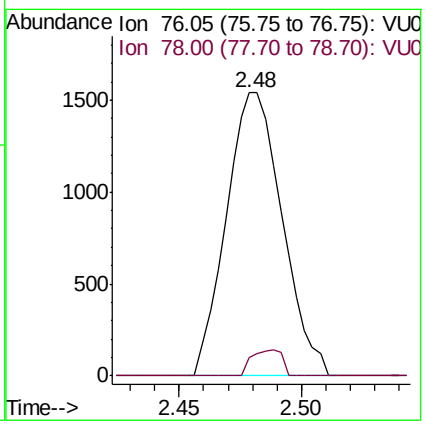


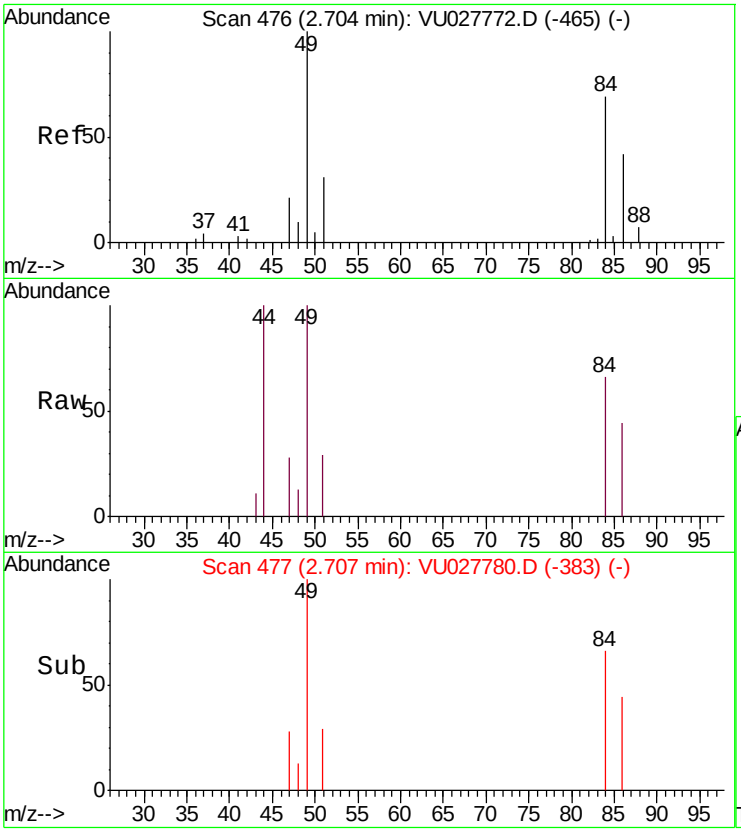


#14
Carbon disulfide
Concen: 0.272 ug/L
RT: 2.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 76 Resp: 2446

Ion	Ratio	Lower	Upper
76	100		
78	6.6	7.4	11.0#

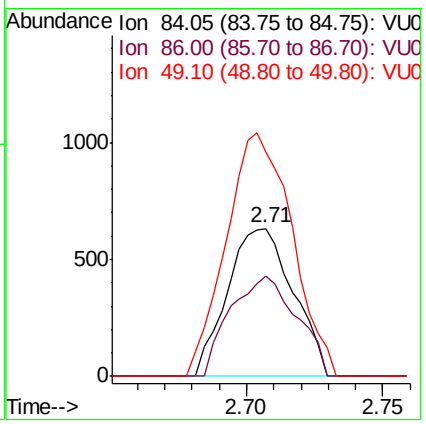




#16
Methylene chloride
Concen: 0.341 ug/L
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

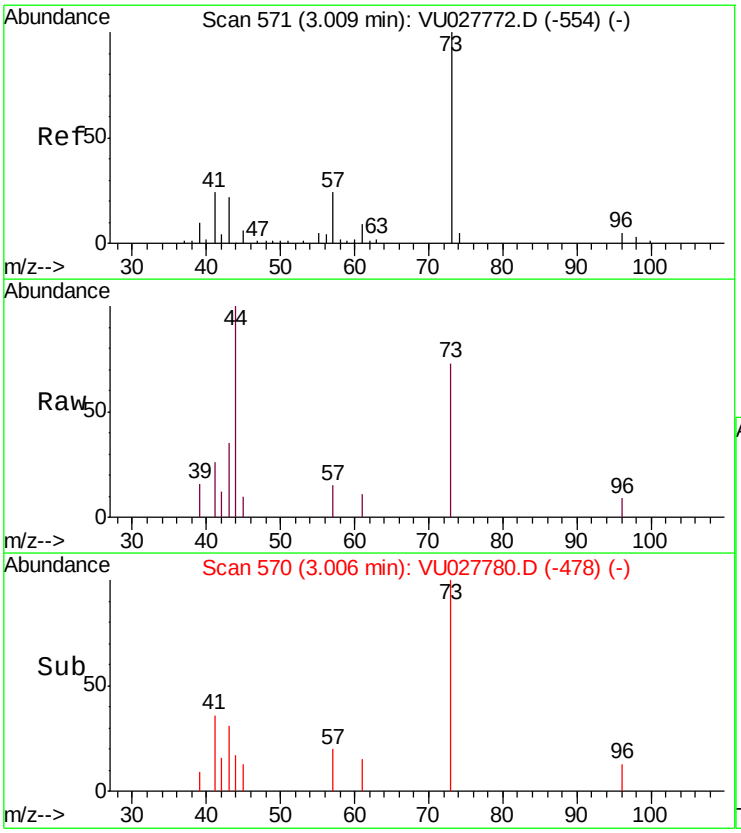
Tgt Ion: 84 Resp: 1056

Ion	Ratio	Lower	Upper
84	100		
86	67.6	42.8	79.4
49	152.1	101.4	188.4



Instrument :
MSVOA_U
ClientSampleId :
MDL04

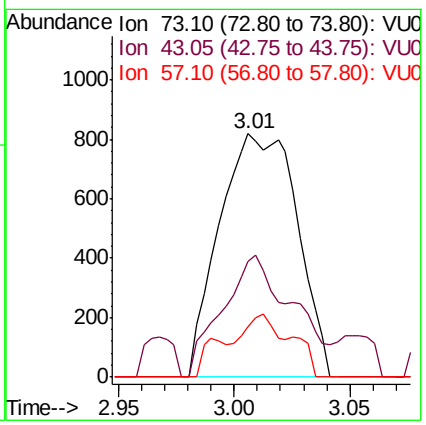
Manual Integrations APPROVED
MMDadoda
10/26/2018 11:26:33 AM

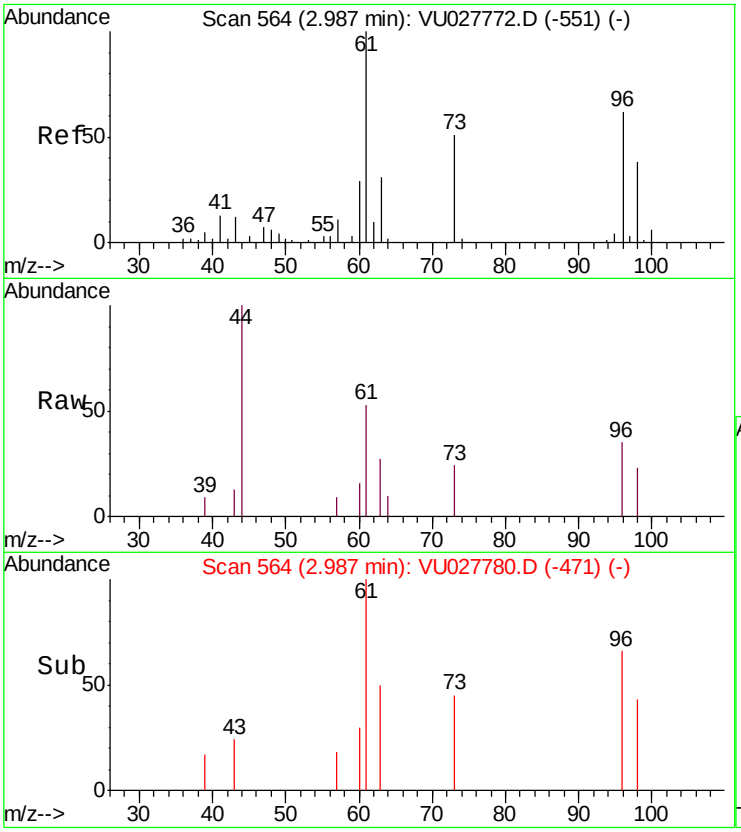


#17
Methyl tert-butyl Ether
Concen: 0.228 ug/L m
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 73 Resp: 1915

Ion	Ratio	Lower	Upper
73	100		
43	45.8	18.6	28.0#
57	16.4	18.2	27.2#

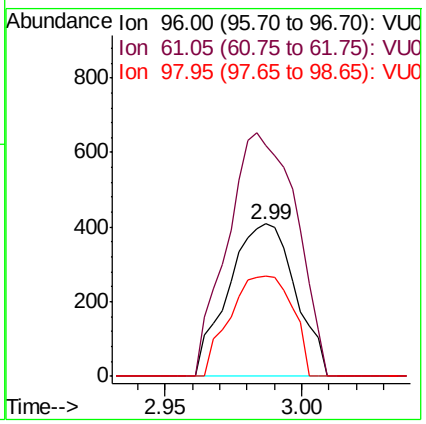




#18
trans-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 96 Resp: 695

Ion	Ratio	Lower	Upper
96	100		
61	152.0	112.1	208.3
98	65.4	42.1	78.3



Instrument :
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ClientSampleId :
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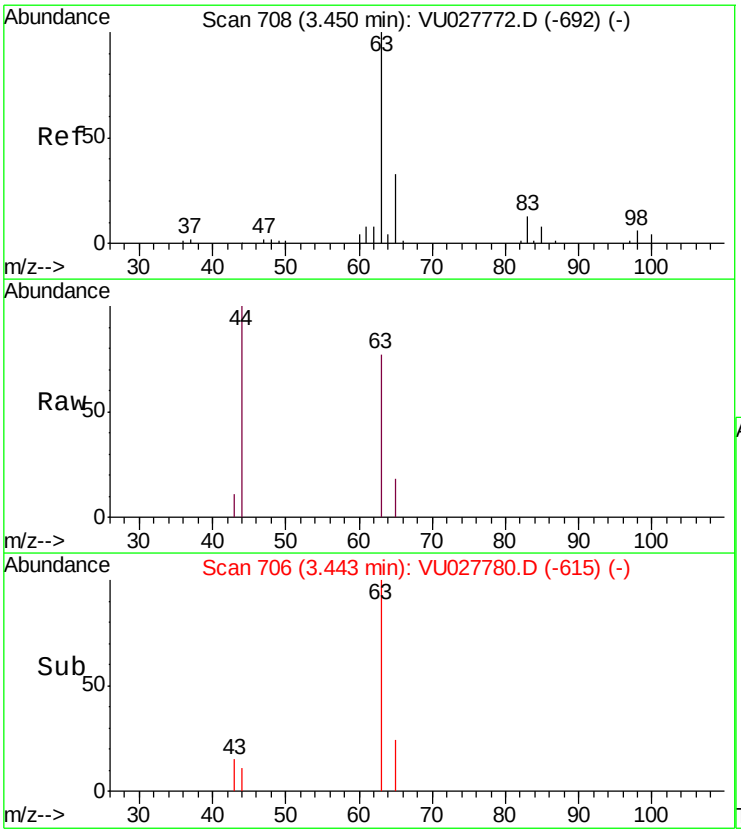
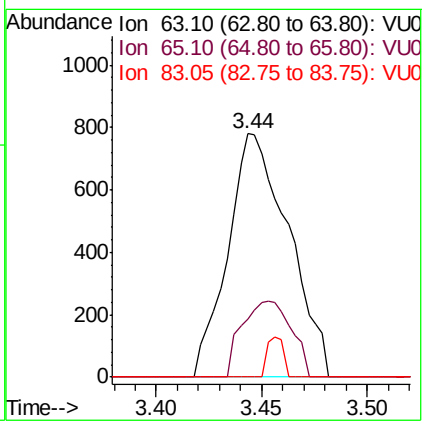
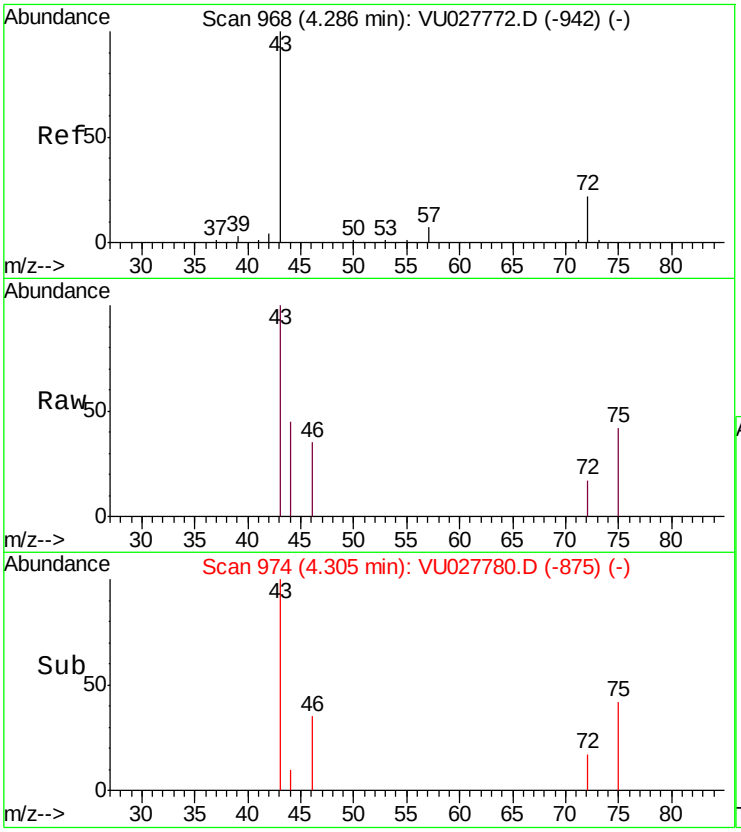


#19
1,1-Dichloroethane
Concen: 0.251 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.01 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 63 Resp: 1560

Ion	Ratio	Lower	Upper
63	100		
65	23.7	23.1	42.9
83	0.0	9.2	17.0#

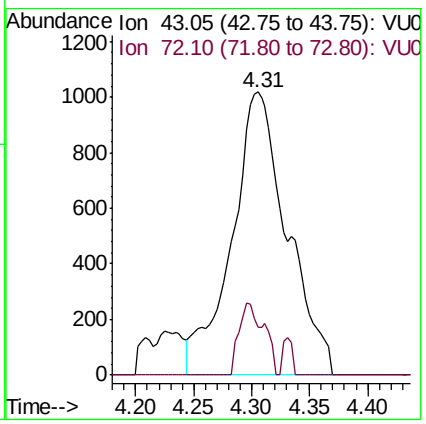




#21
2-Butanone
Concen: 2.869 ug/L
RT: 4.31 min Scan# 974
Delta R.T. 0.02 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 43 Resp: 3385

Ion	Ratio	Lower	Upper
43	100		
72	11.4	10.5	31.6



Instrument :
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ClientSampleId :
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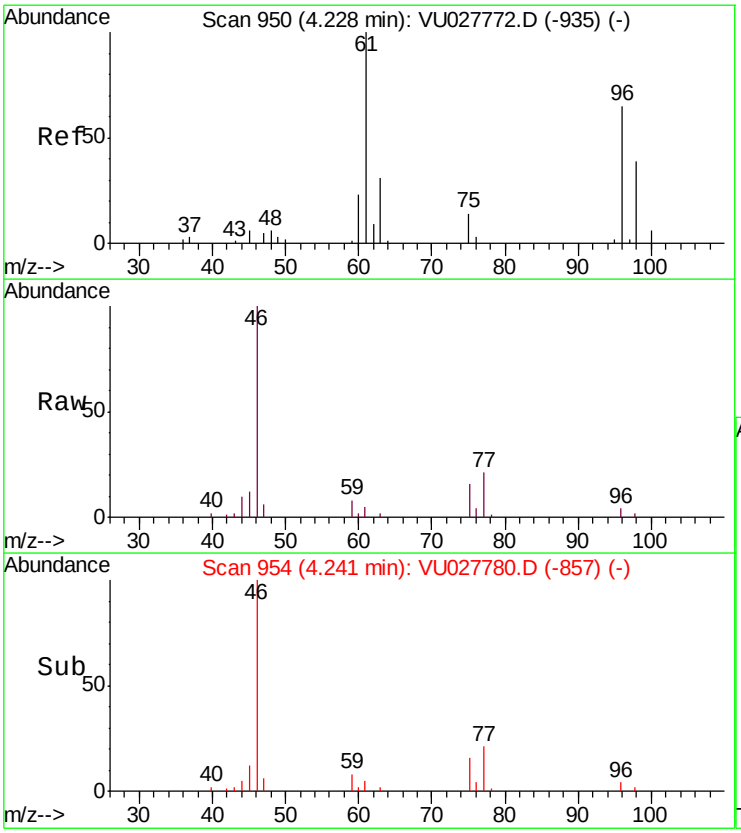
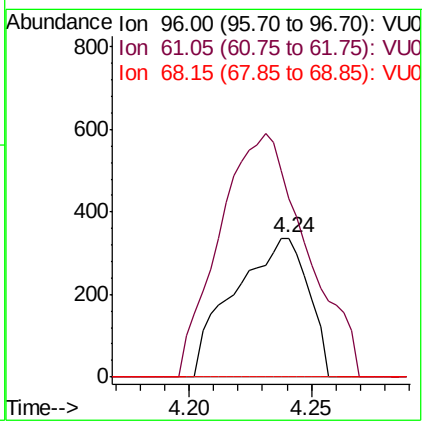
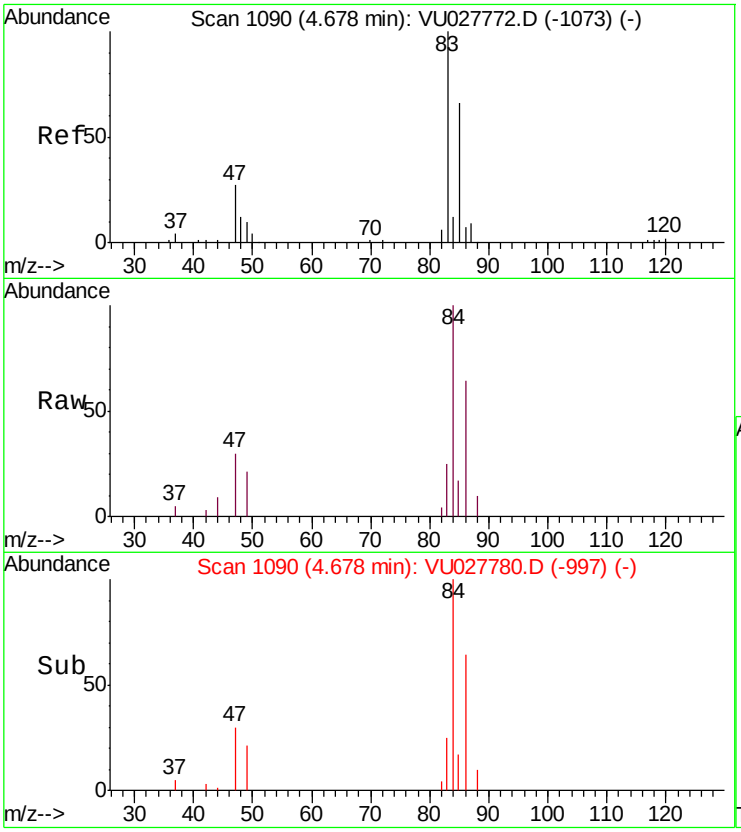


#22
cis-1,2-Dichloroethene
Concen: 0.212 ug/L
RT: 4.24 min Scan# 954
Delta R.T. 0.01 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 96 Resp: 708

Ion	Ratio	Lower	Upper
96	100		
61	128.3	107.2	199.0
68	0.0	0.0	0.0

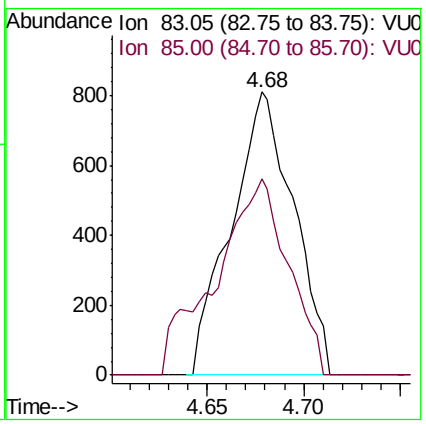




#25
Chloroform
Concen: 0.291 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 83 Resp: 1820

Ion	Ratio	Lower	Upper
83	100		
85	69.5	45.8	85.2



Instrument :
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ClientSampleId :
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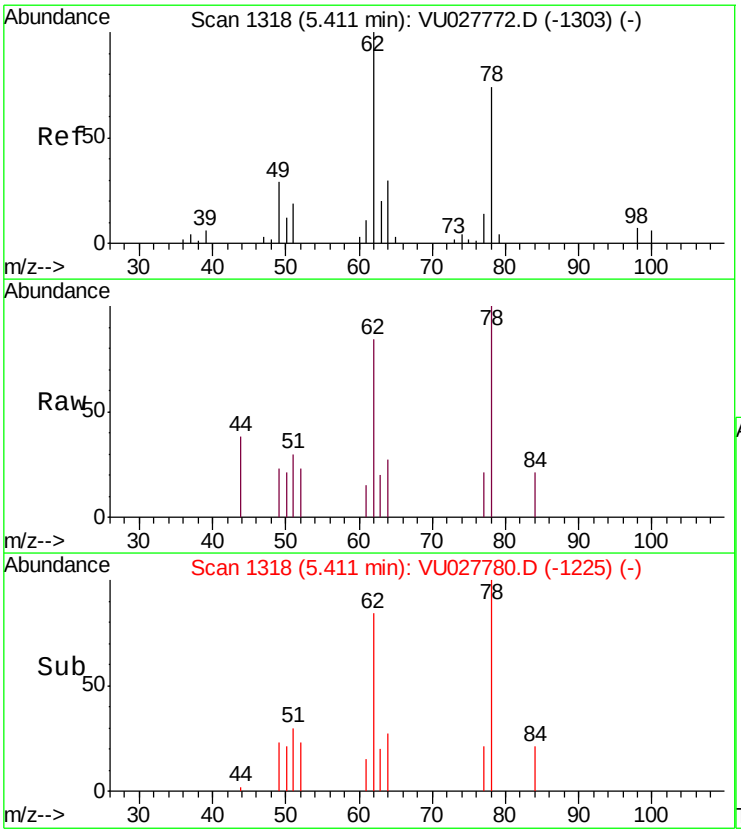
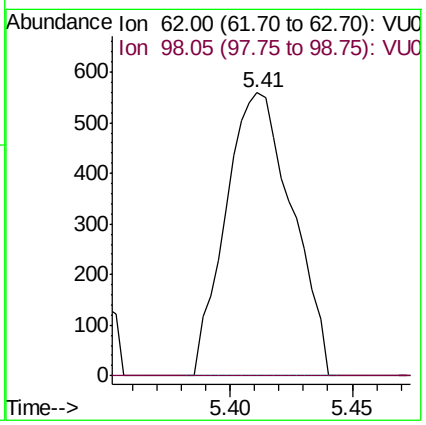
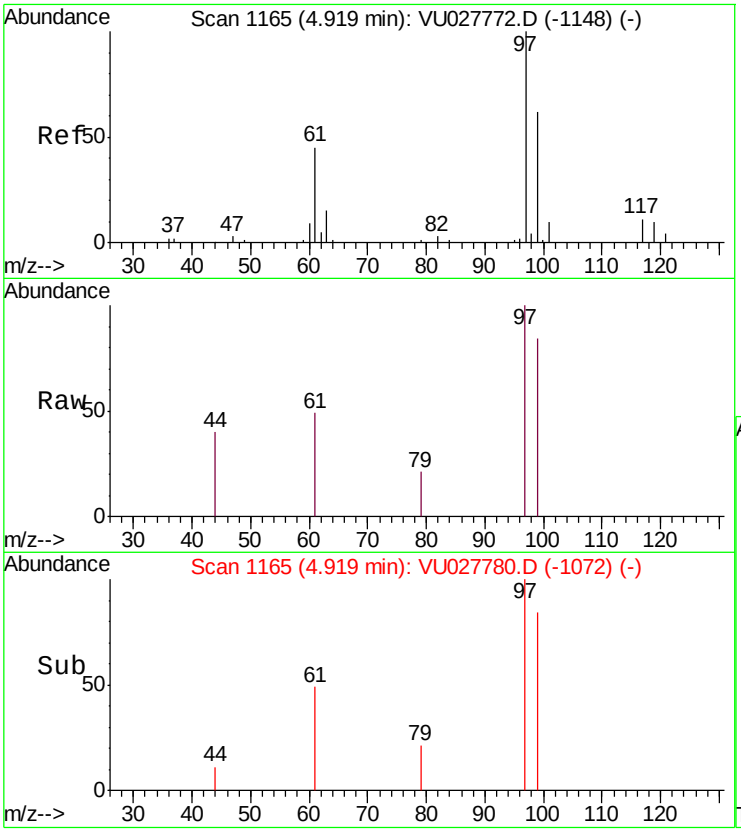


#27
1,2-Dichloroethane
Concen: 0.228 ug/L
RT: 5.41 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 62 Resp: 1056

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.7	8.5#

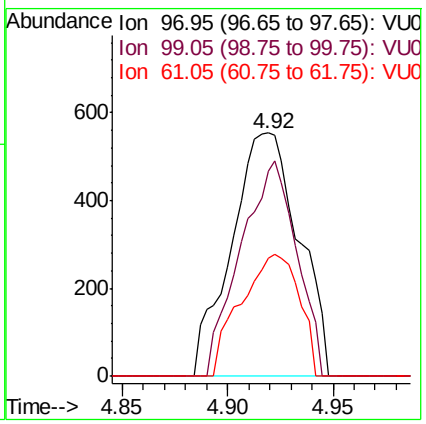




#29
1,1,1-Trichloroethane
Concen: 0.222 ug/L
RT: 4.92 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 97 Resp: 1235

Ion	Ratio	Lower	Upper
97	100		
99	73.3	51.3	76.9
61	43.2	36.7	55.1



Instrument :
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ClientSampleId :
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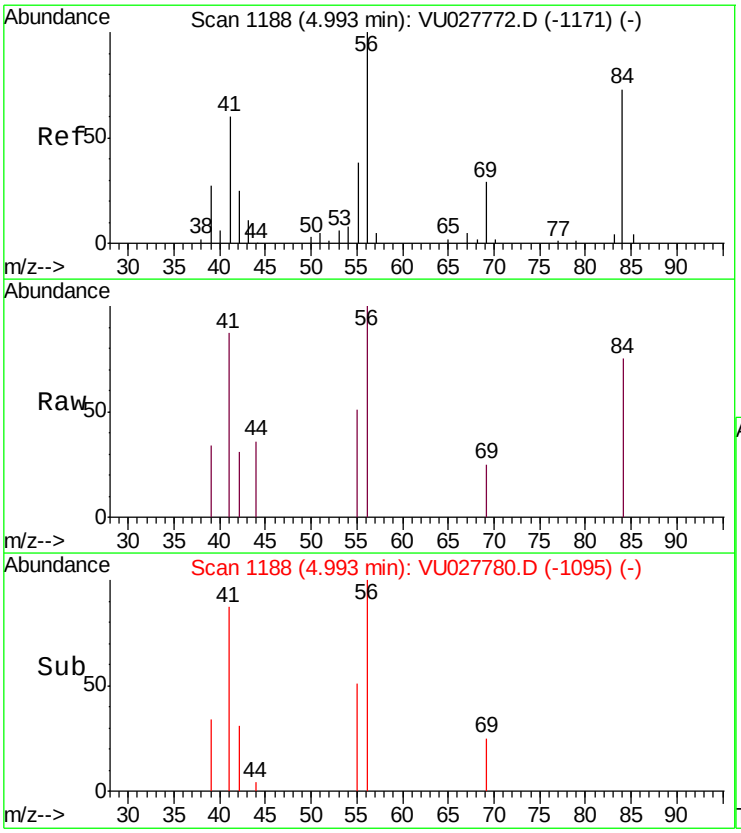
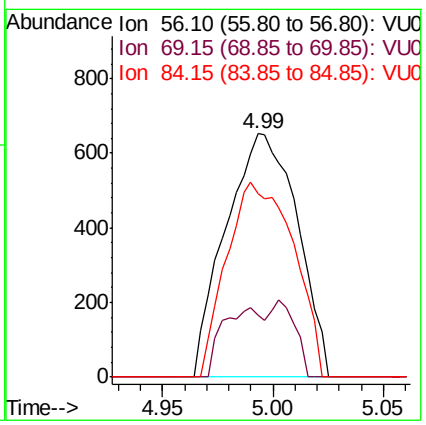
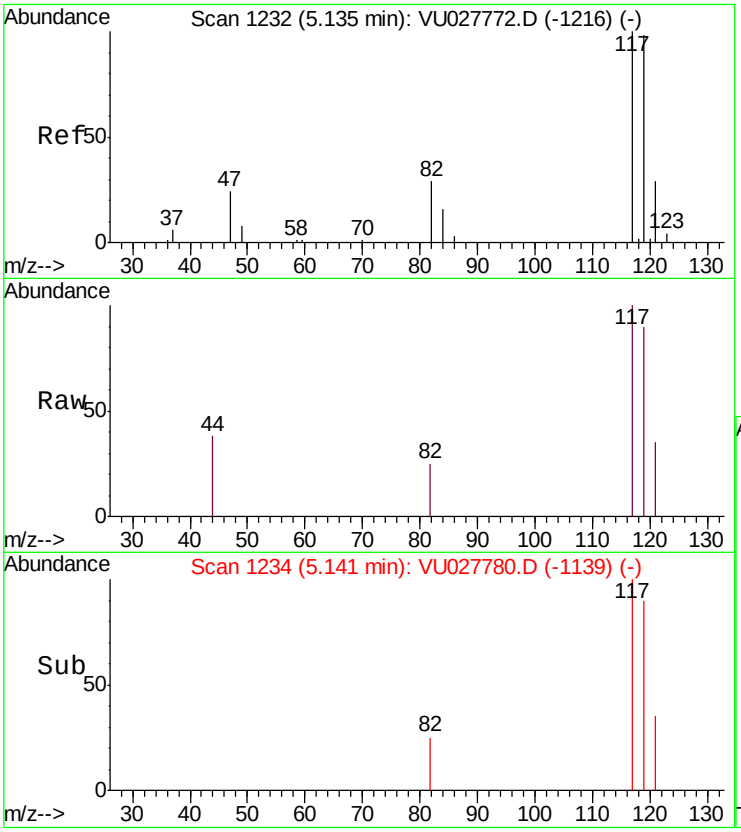


#30
Cyclohexane
Concen: 0.234 ug/L
RT: 4.99 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 56 Resp: 1458

Ion	Ratio	Lower	Upper
56	100		
69	16.5	22.2	33.4#
84	75.2	58.6	88.0

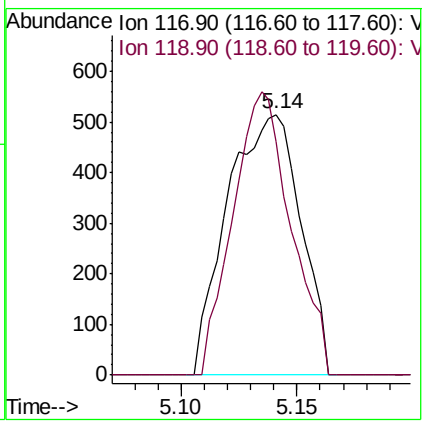




#31
Carbon tetrachloride
Concen: 0.237 ug/L
RT: 5.14 min Scan# 1234
Delta R.T. 0.01 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:117 Resp: 1132

Ion	Ratio	Lower	Upper
117	100		
119	86.0	77.0	115.6



Instrument :
MSVOA_U
ClientSampleId :
MDL04

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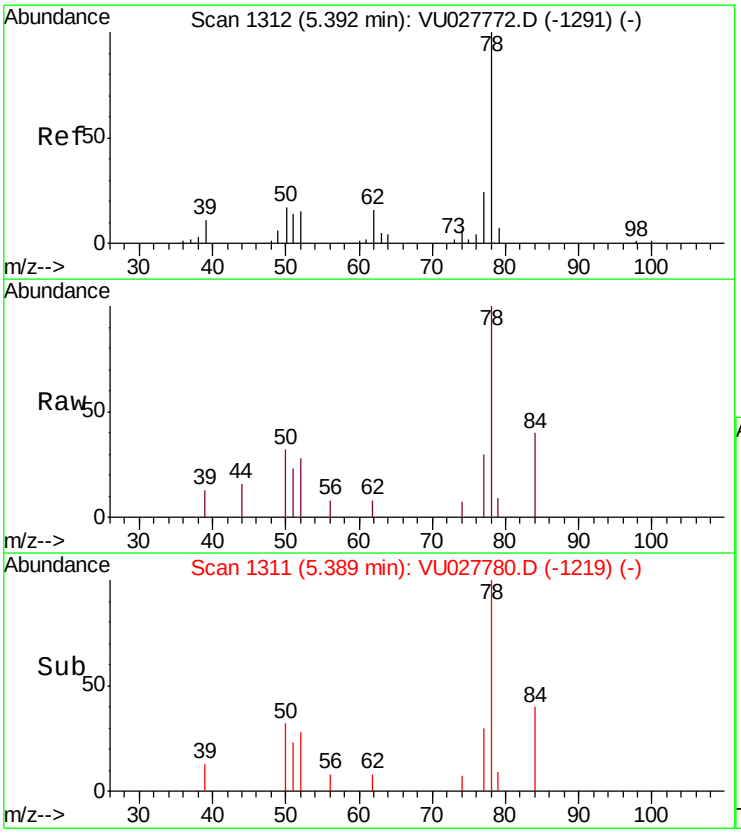
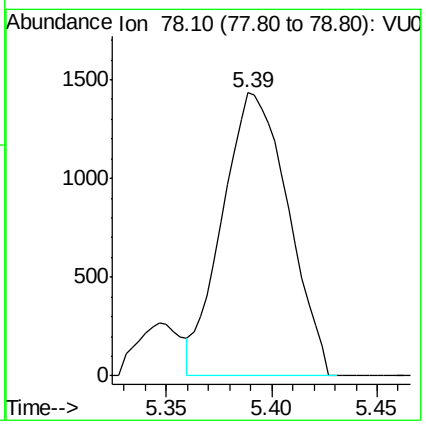
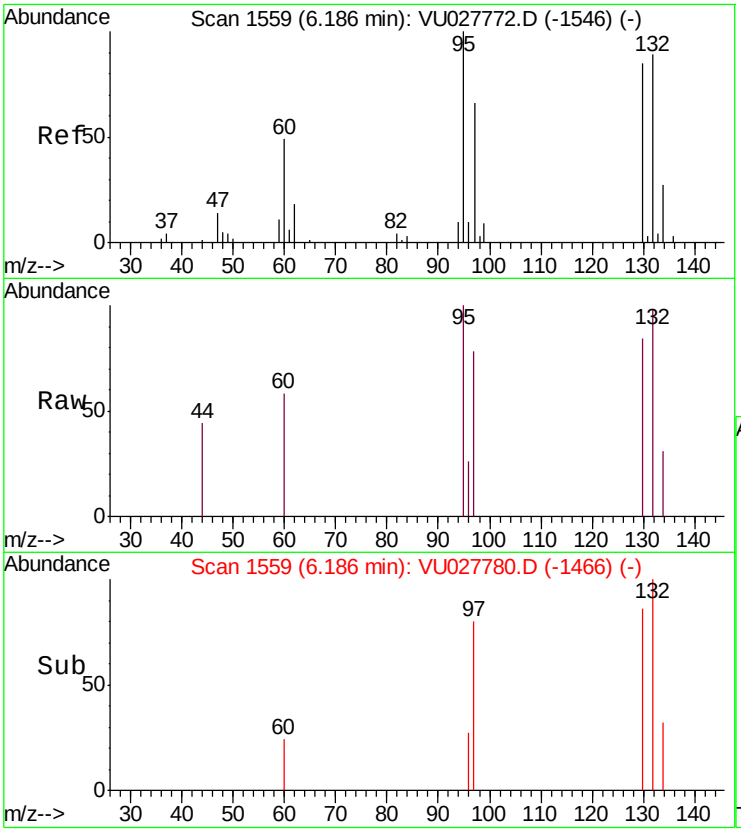


#33
Benzene
Concen: 0.242 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. -0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 78 Resp: 3113

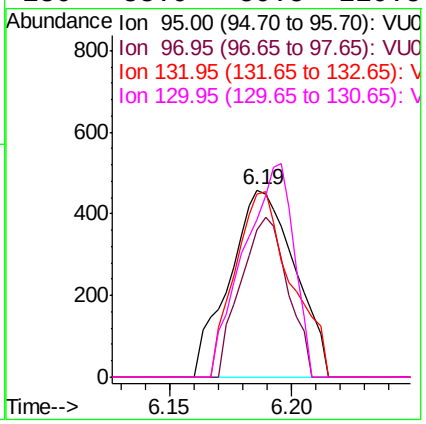




#34
Trichloroethene
Concen: 0.255 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 95 Resp: 850

Ion	Ratio	Lower	Upper
95	100		
97	78.2	46.4	86.2
132	97.6	62.0	115.2
130	83.9	59.5	110.5



Instrument :
MSVOA_U
ClientSampleId :
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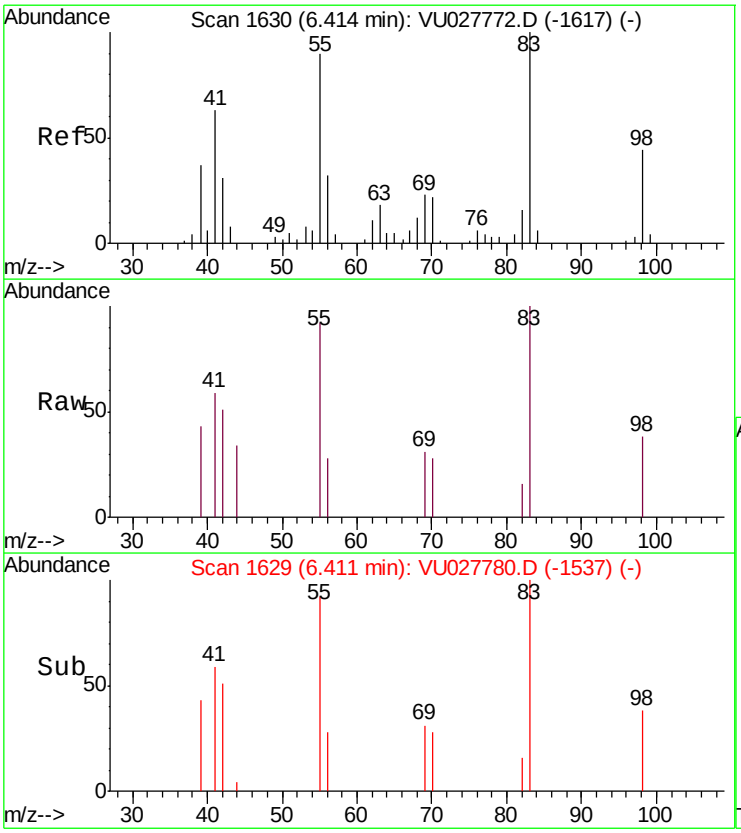
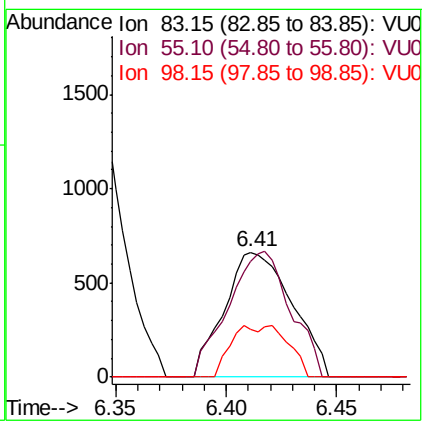
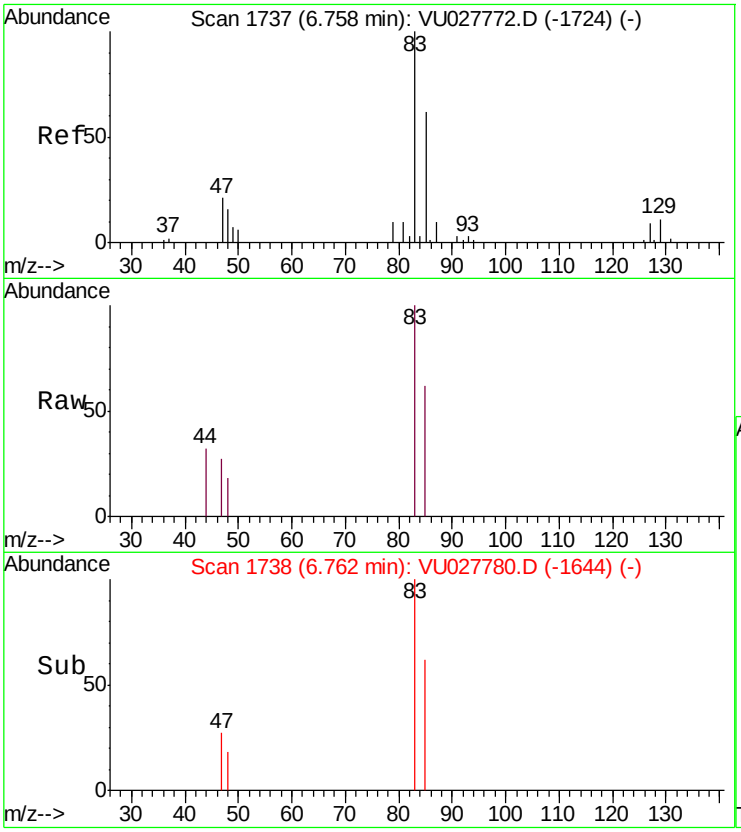


#35
Methylcyclohexane
Concen: 0.253 ug/L
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 83 Resp: 1411

Ion	Ratio	Lower	Upper
83	100		
55	92.2	71.5	107.3
98	17.4	35.4	53.0#

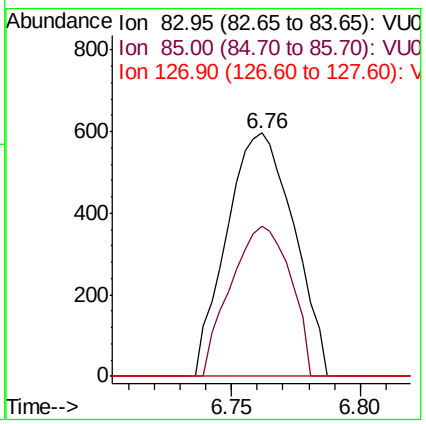




#38
Bromodichloromethane
Concen: 0.239 ug/L
RT: 6.76 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 83 Resp: 1081

Ion	Ratio	Lower	Upper
83	100		
85	61.6	43.3	80.5
127	0.0	7.2	10.8#



Instrument :
MSVOA_U
ClientSampleId :
MDL04

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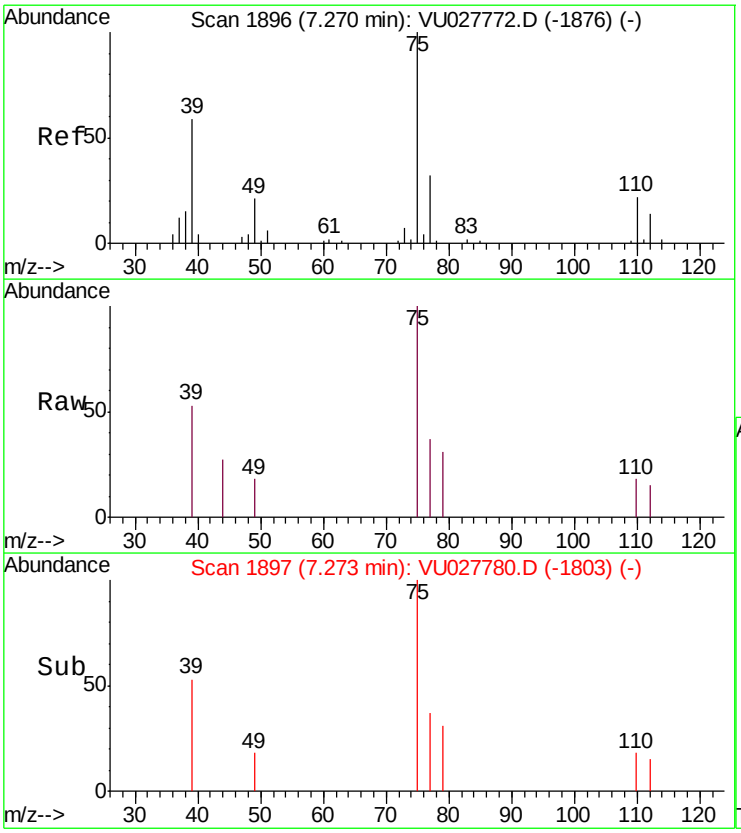
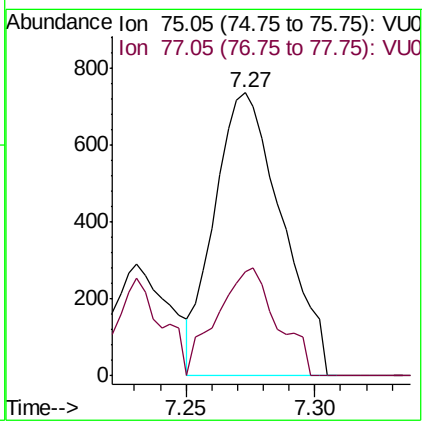
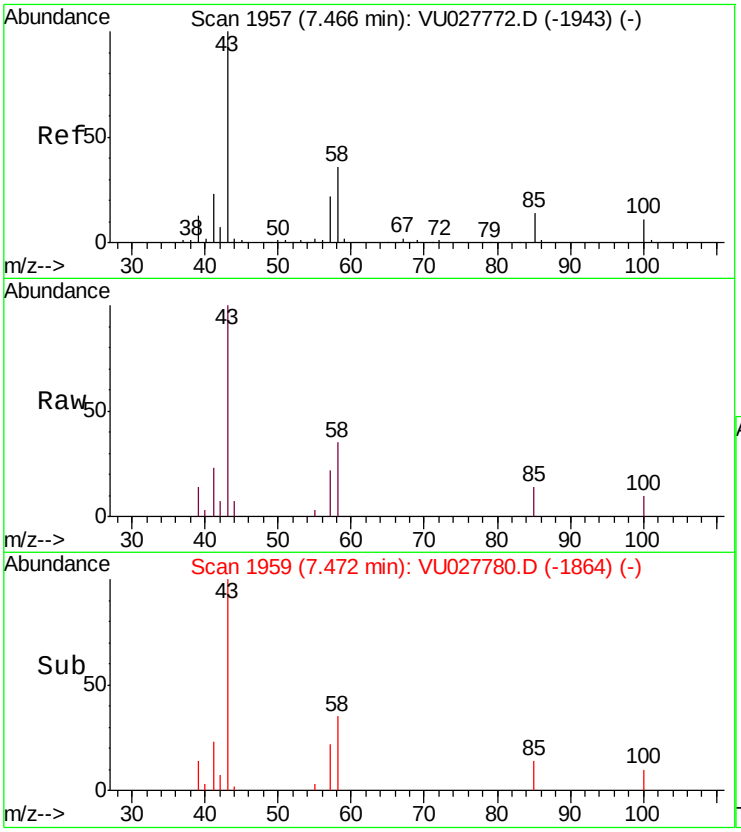


#39
cis-1,3-Dichloropropene
Concen: 0.248 ug/L
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 75 Resp: 1345

Ion	Ratio	Lower	Upper
75	100		
77	36.8	22.5	41.7

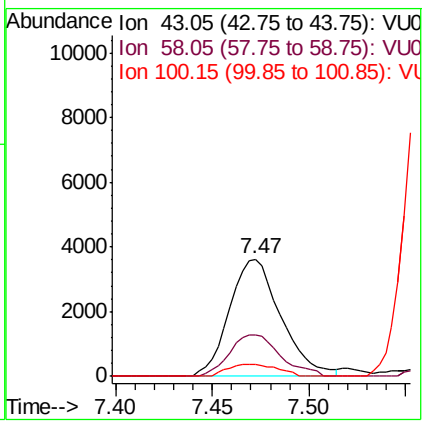




#40
4-Methyl-2-pentanone
Concen: 2.370 ug/L
RT: 7.47 min Scan# 1959
Delta R.T. 0.01 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 43 Resp: 6699

Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.1	42.1
100	0.0	8.7	13.1#



Instrument :
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ClientSampleId :
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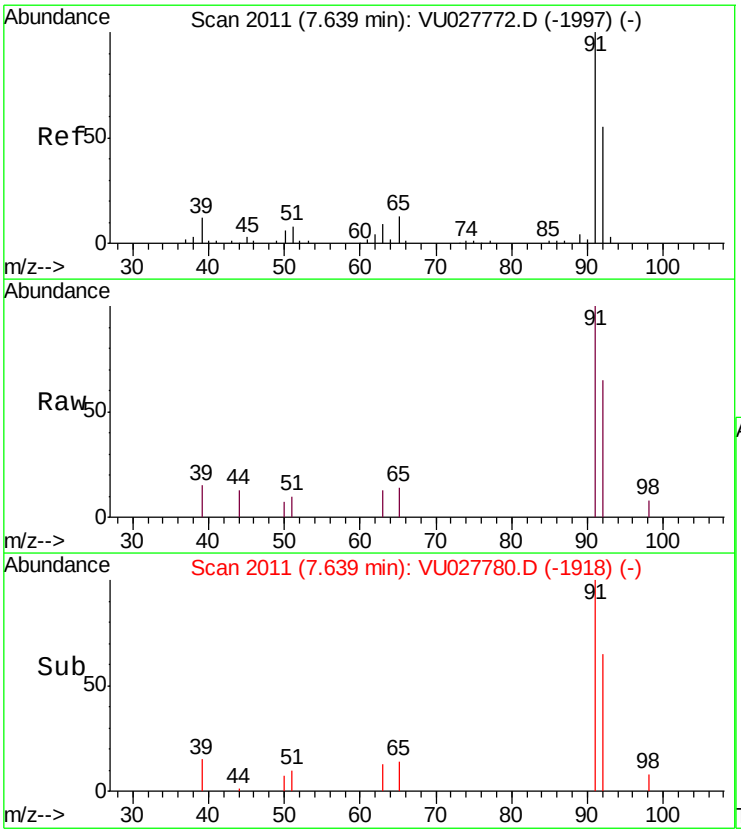
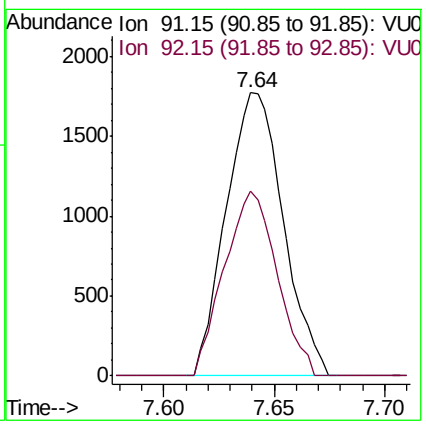
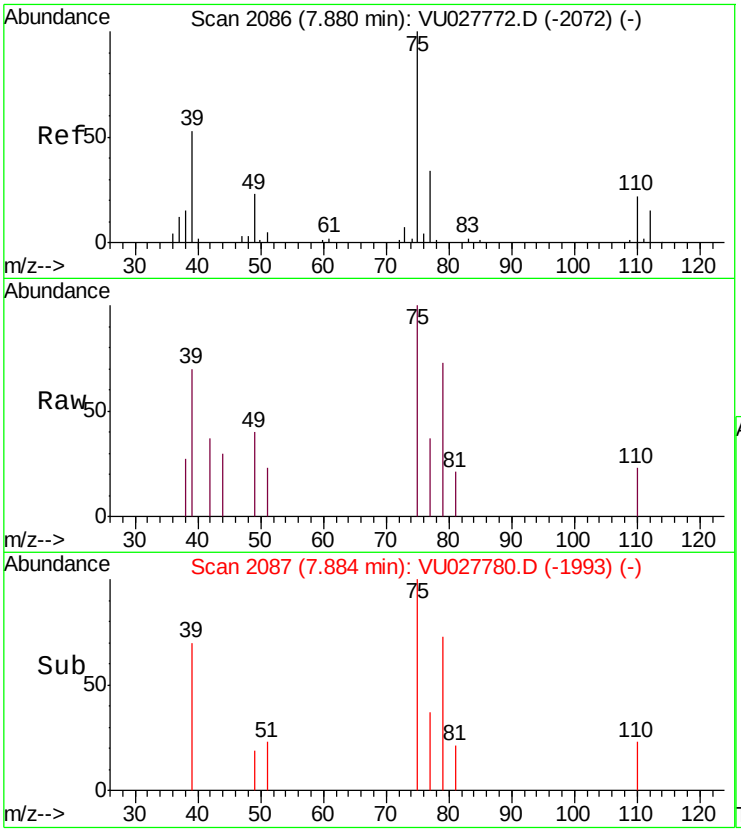


#42
Toluene
Concen: 0.230 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 91 Resp: 3188

Ion	Ratio	Lower	Upper
91	100		
92	65.1	38.6	71.8

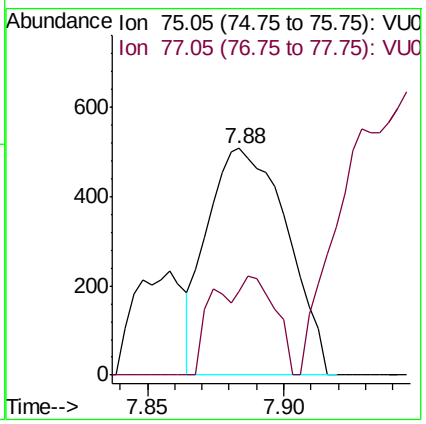




#44
trans-1,3-Dichloropropene
Concen: 0.226 ug/L
RT: 7.88 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 75 Resp: 1030

Ion	Ratio	Lower	Upper
75	100		
77	36.8	23.5	43.7



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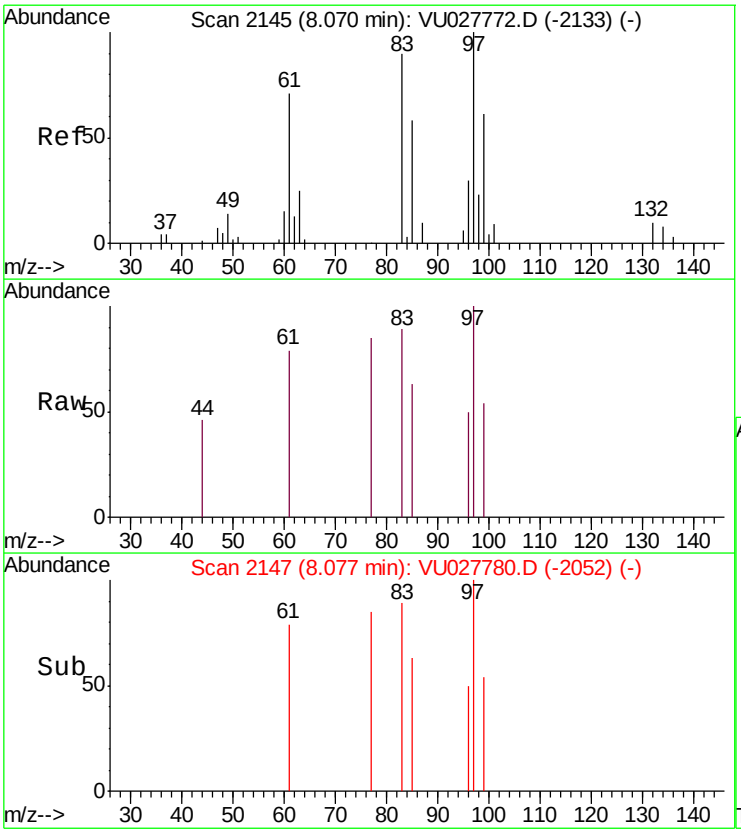
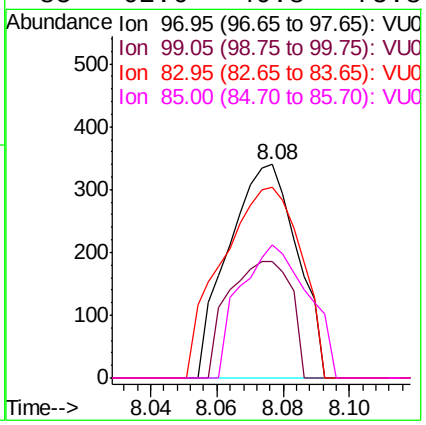
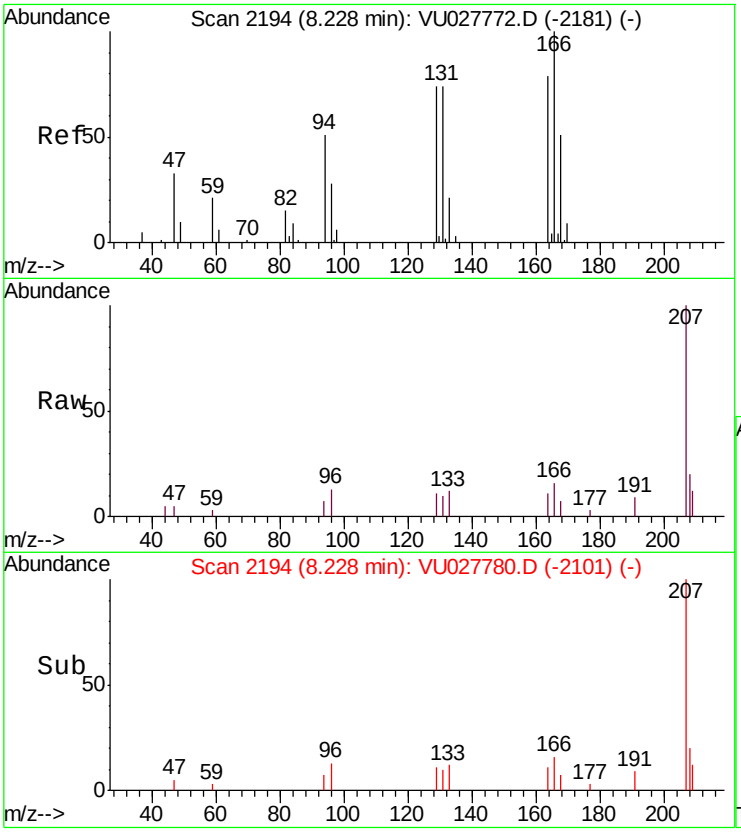


#45
1,1,2-Trichloroethane
Concen: 0.215 ug/L
RT: 8.08 min Scan# 2147
Delta R.T. 0.01 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 97 Resp: 491

Ion	Ratio	Lower	Upper
97	100		
99	54.4	42.8	79.6
83	89.4	62.9	116.9
85	62.6	40.8	75.8

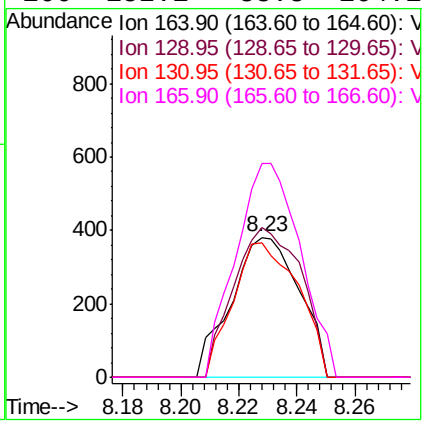




#47
Tetrachloroethene
Concen: 0.231 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:164 Resp: 626

Ion	Ratio	Lower	Upper
164	100		
129	106.5	65.6	121.8
131	96.1	65.0	120.8
166	152.1	88.3	164.1



Instrument :
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ClientSampleId :
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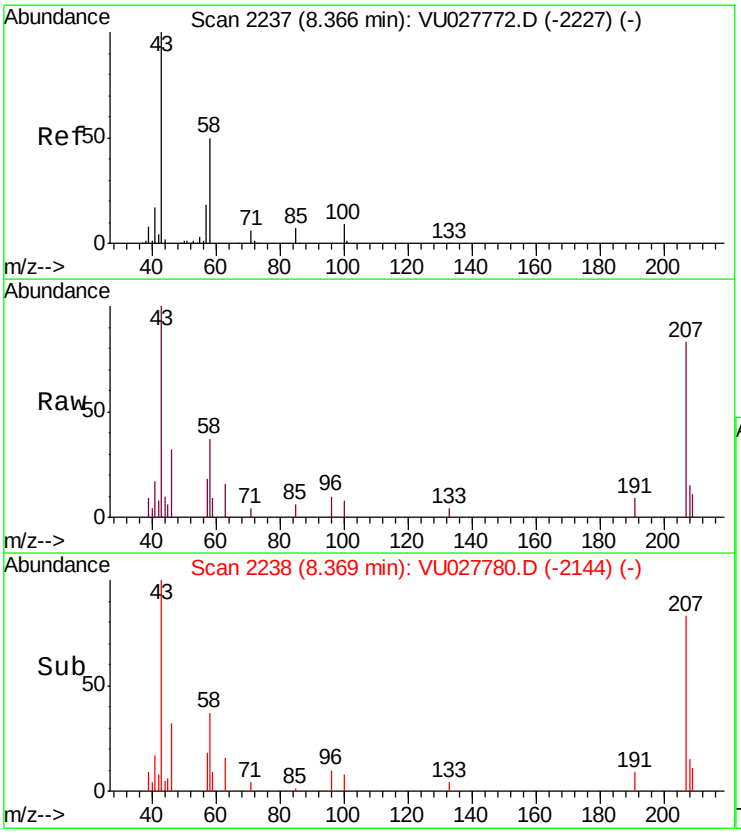
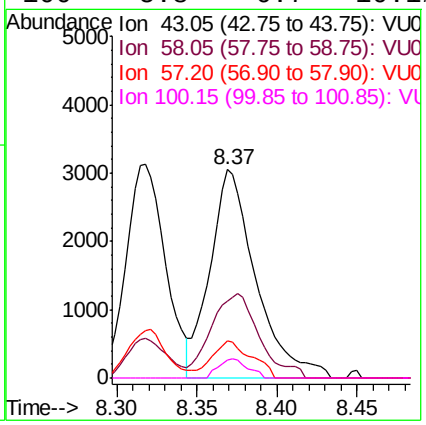
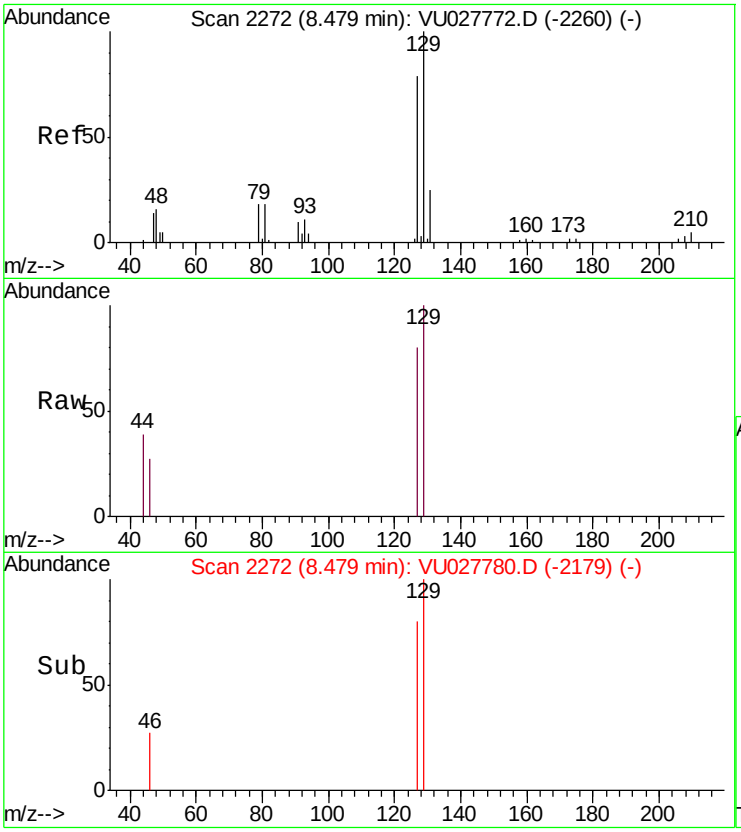


#48
2-Hexanone
Concen: 3.011 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 43 Resp: 6047

Ion	Ratio	Lower	Upper
43	100		
58	42.3	39.4	59.0
57	15.3	13.8	20.8
100	5.8	6.7	10.1#





#49
Dibromochloromethane
Concen: 0.184 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:129 Resp: 534

Ion	Ratio	Lower	Upper
129	100		
127	80.4	55.2	102.4

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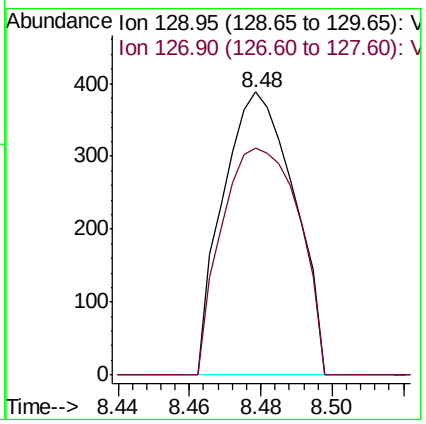
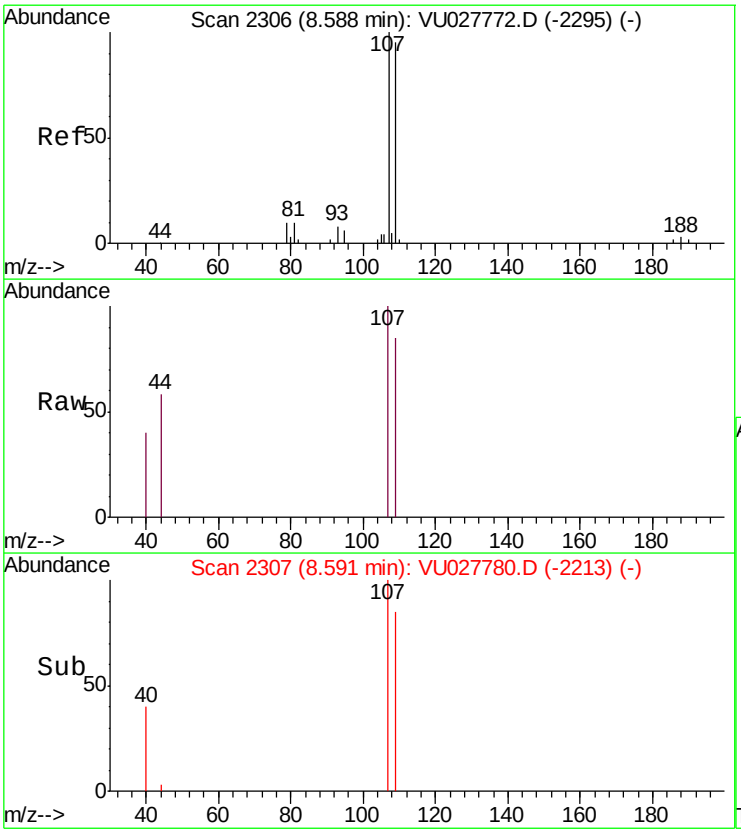
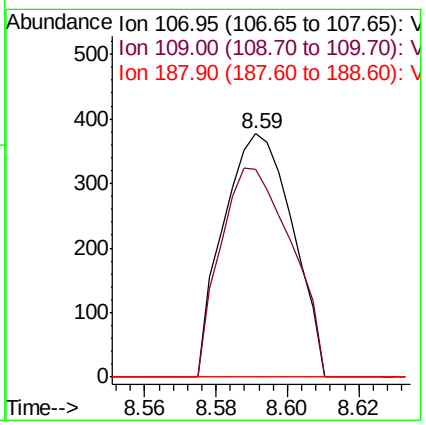


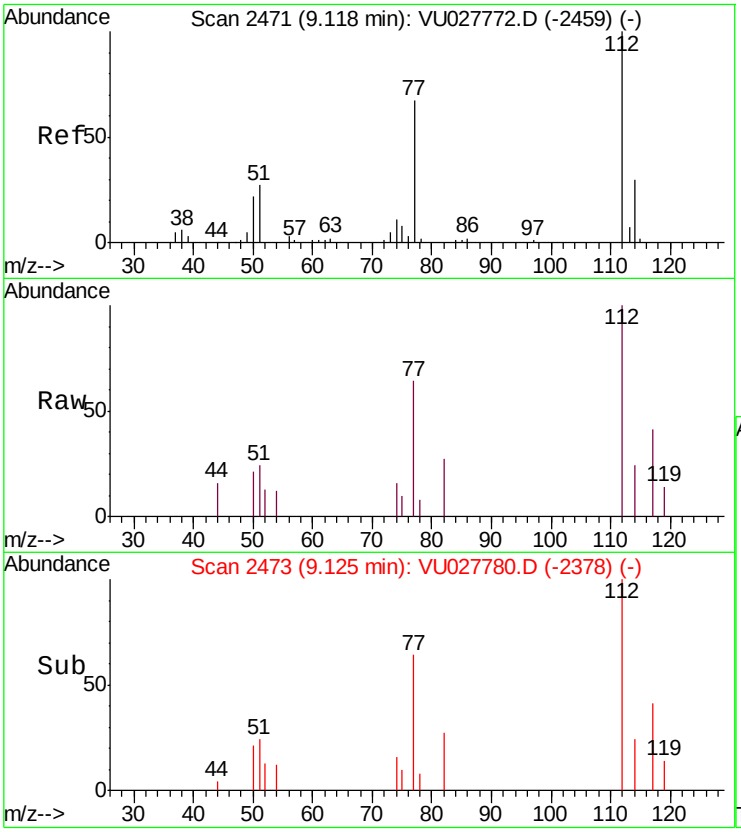


#50
1,2-Dibromoethane
Concen: 0.227 ug/L
RT: 8.59 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:107 Resp: 504

Ion	Ratio	Lower	Upper
107	100		
109	85.1	66.3	123.1
188	0.0	2.6	3.8#

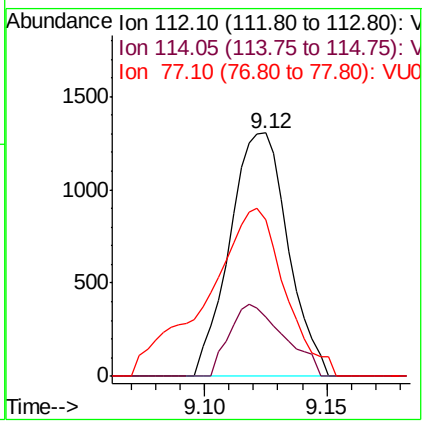




#51
Chlorobenzene
Concen: 0.253 ug/L
RT: 9.12 min Scan# 2473
Delta R.T. 0.01 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:112 Resp: 2156

Ion	Ratio	Lower	Upper
112	100		
114	24.3	21.2	39.4
77	64.4	54.2	81.4



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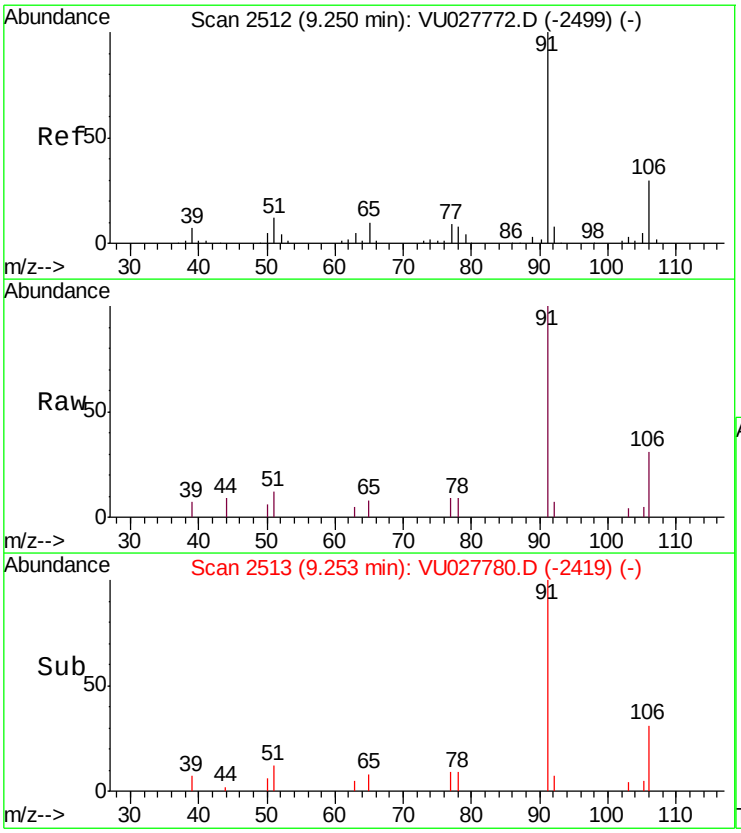
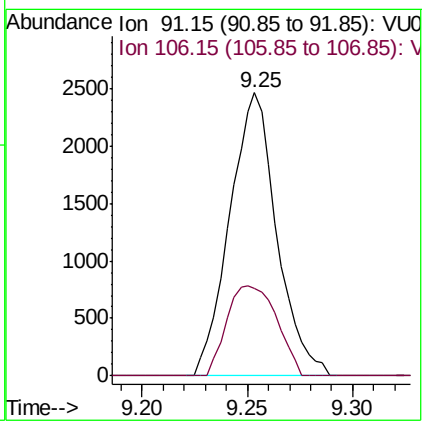
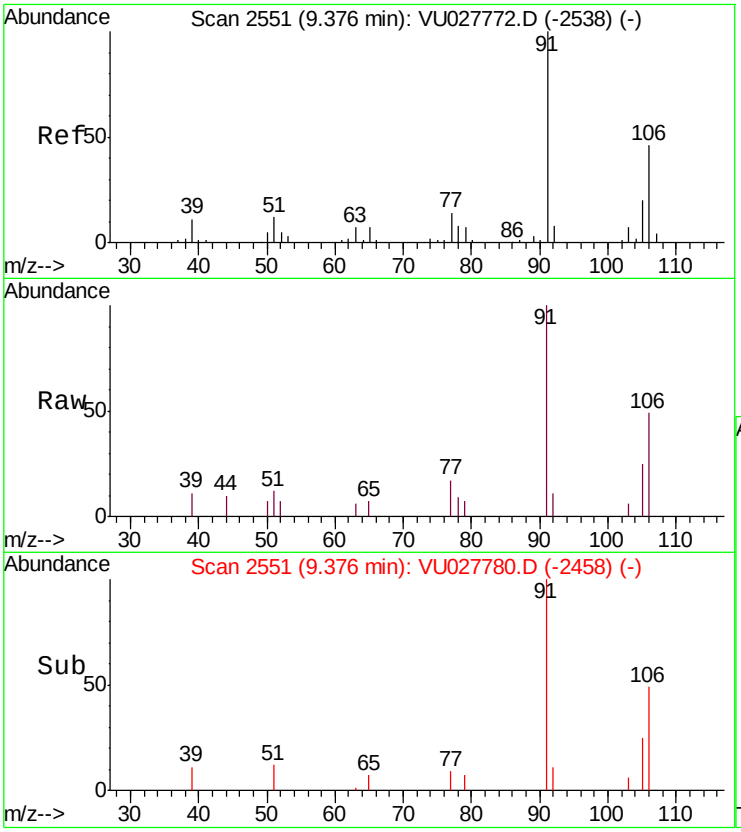


#52
Ethylbenzene
Concen: 0.237 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 91 Resp: 3811

Ion	Ratio	Lower	Upper
91	100		
106	31.1	20.6	38.4

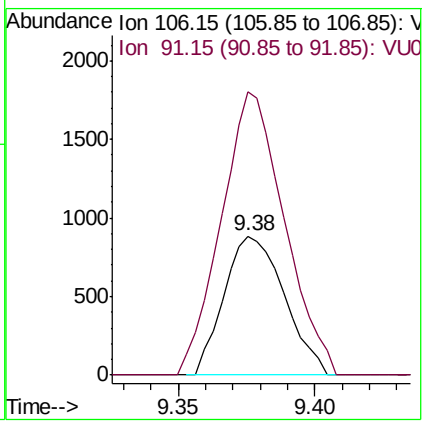




#53
m,p-xylene
Concen: 0.238 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:106 Resp: 1354

Ion	Ratio	Lower	Upper
106	100		
91	204.0	154.1	286.3



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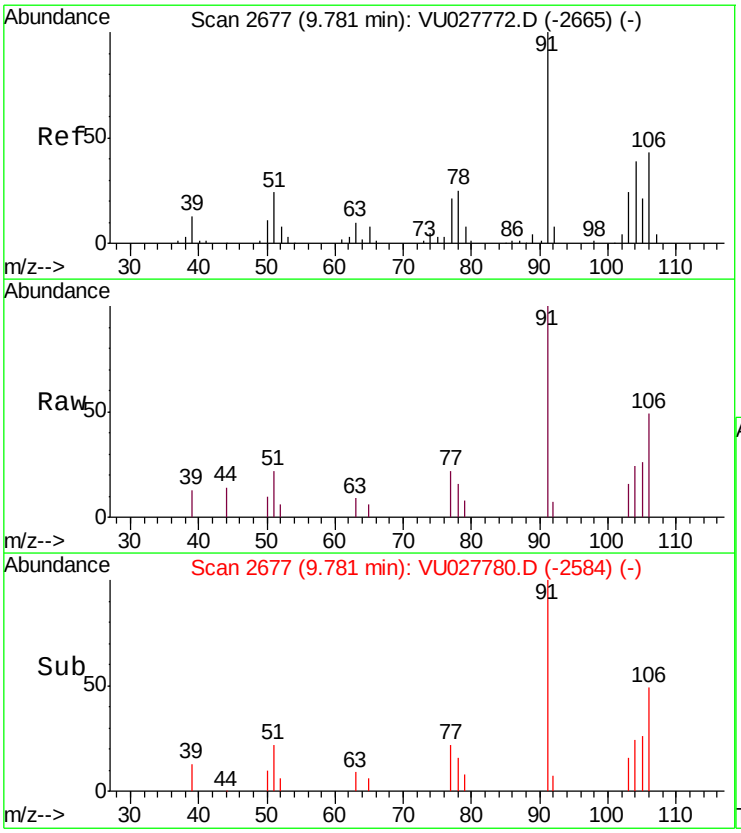
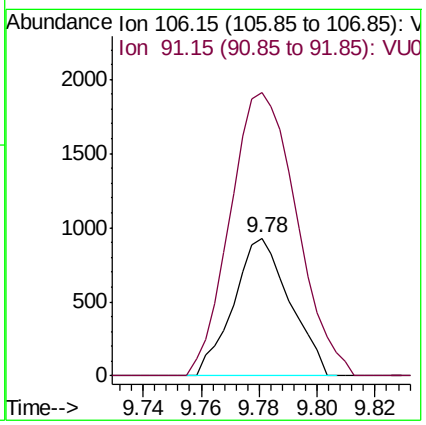
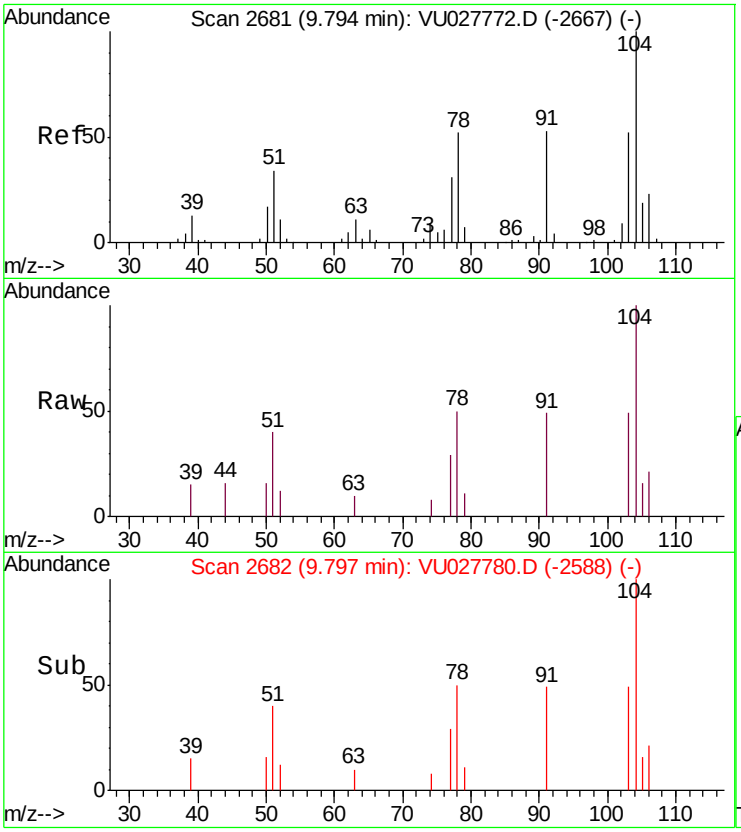


#54
o-xylene
Concen: 0.224 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:106 Resp: 1248

Ion	Ratio	Lower	Upper
106	100		
91	205.5	161.3	299.7

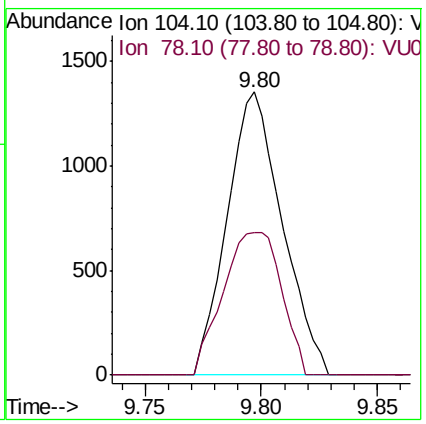




#55
Styrene
Concen: 0.237 ug/L
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:104 Resp: 2237

Ion	Ratio	Lower	Upper
104	100		
78	50.4	36.3	67.3



Instrument :
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ClientSampleId :
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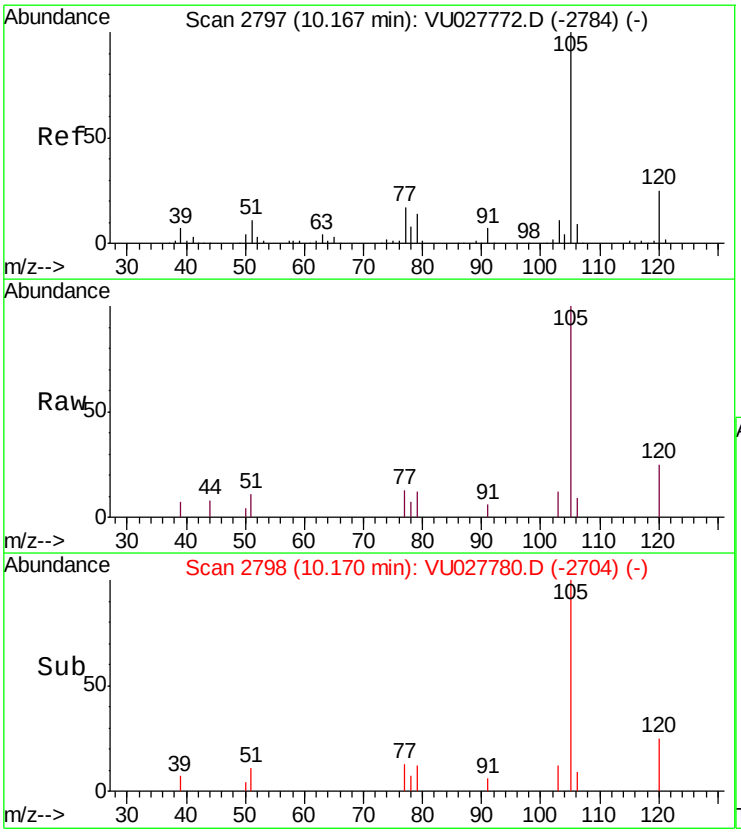
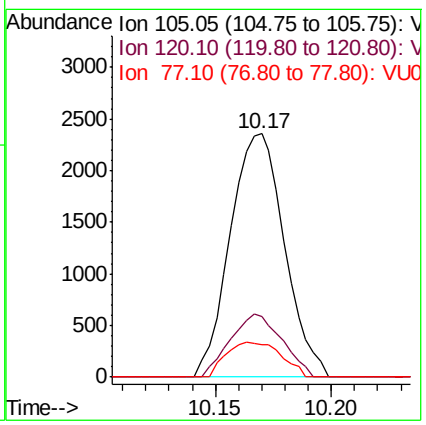
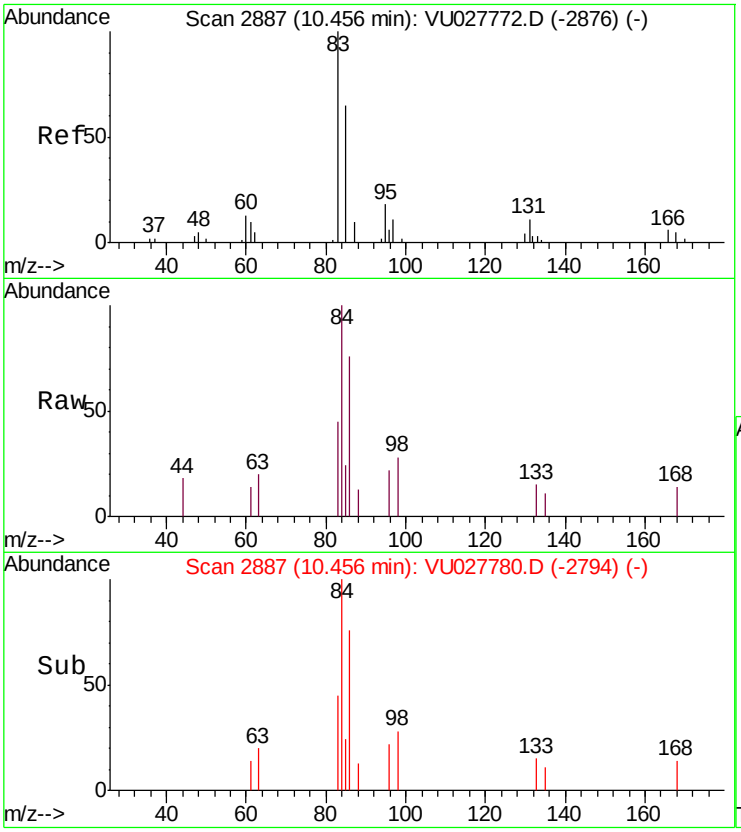


#56
Isopropylbenzene
Concen: 0.248 ug/L
RT: 10.17 min Scan# 2798
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:105 Resp: 3825

Ion	Ratio	Lower	Upper
105	100		
120	24.7	19.9	29.9
77	14.6	13.7	20.5





#58
1,1,2,2-Tetrachloroethane
Concen: 0.285 ug/L m
RT: 10.46 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 83 Resp: 854

Ion	Ratio	Lower	Upper
83	100		
85	54.4	45.5	84.5
131	0.0	8.8	13.2#

Instrument :
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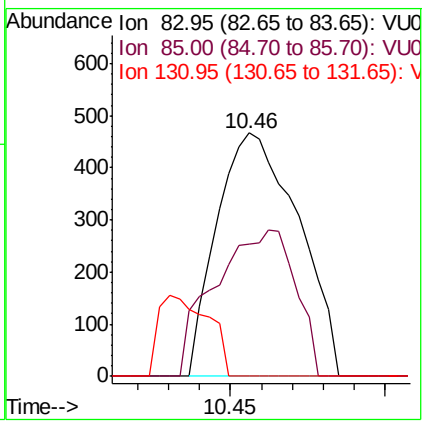
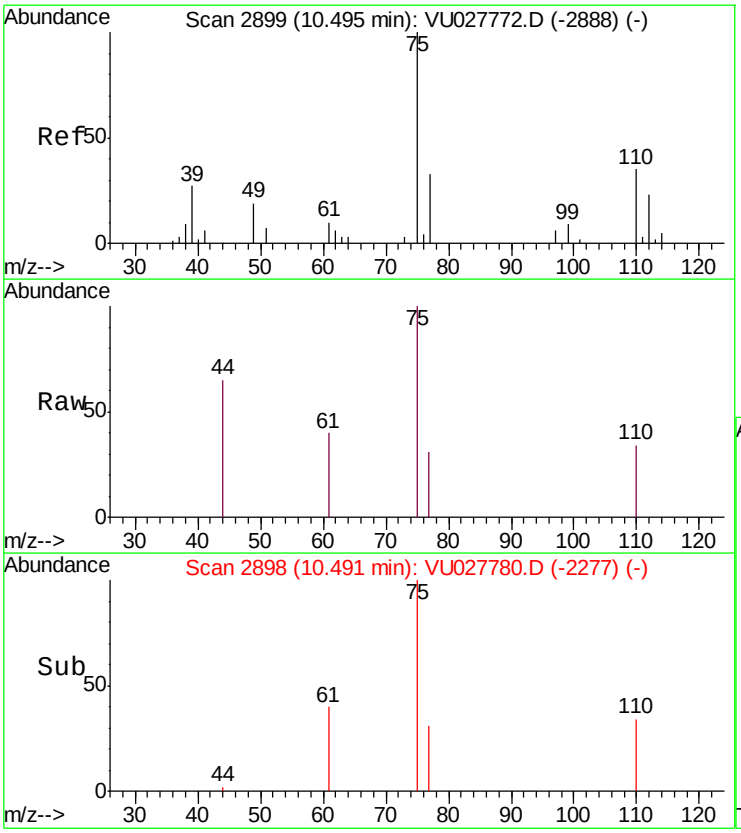
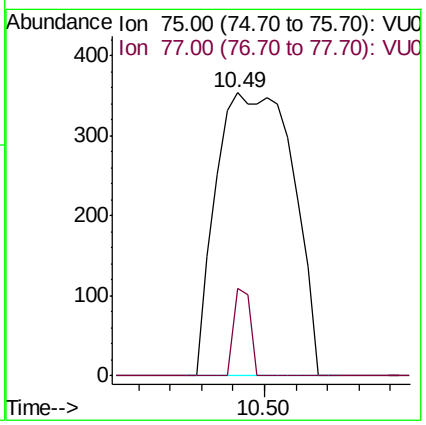


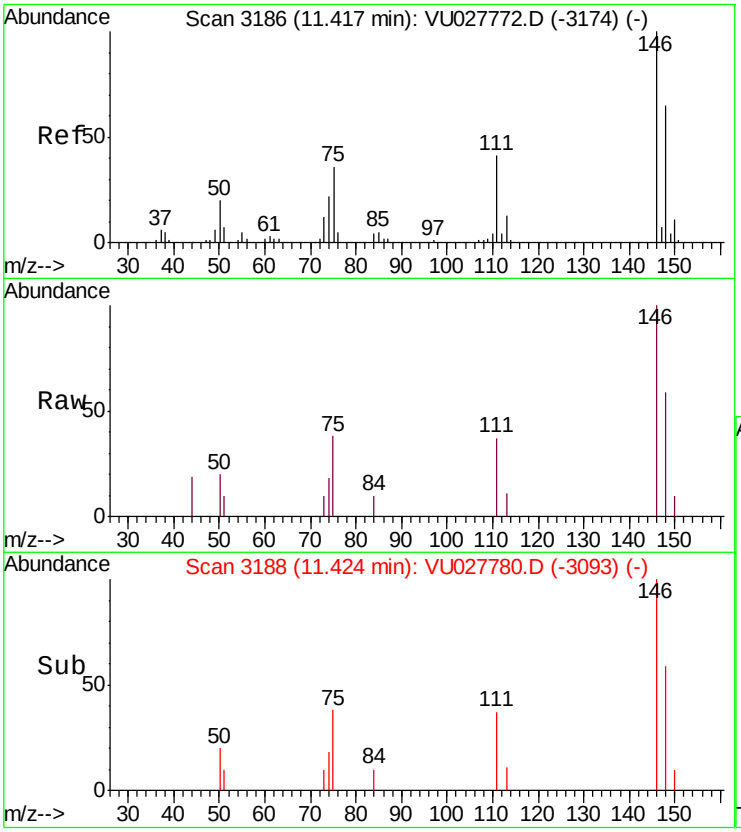


#59
1,2,3-Trichloropropane
Concen: 0.252 ug/L m
RT: 10.49 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion: 75 Resp: 599

Ion	Ratio	Lower	Upper
75	100		
77	144.2	26.4	39.6#

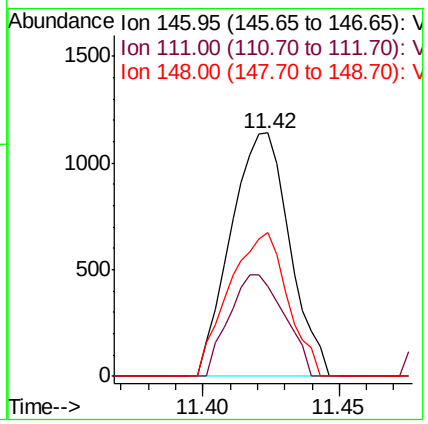




#62
1,3-Dichlorobenzene
Concen: 0.262 ug/L
RT: 11.42 min Scan# 3188
Delta R.T. 0.01 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:146 Resp: 1706

Ion	Ratio	Lower	Upper
146	100		
111	37.2	28.6	53.0
148	58.8	45.1	83.9



Instrument :
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ClientSampleId :
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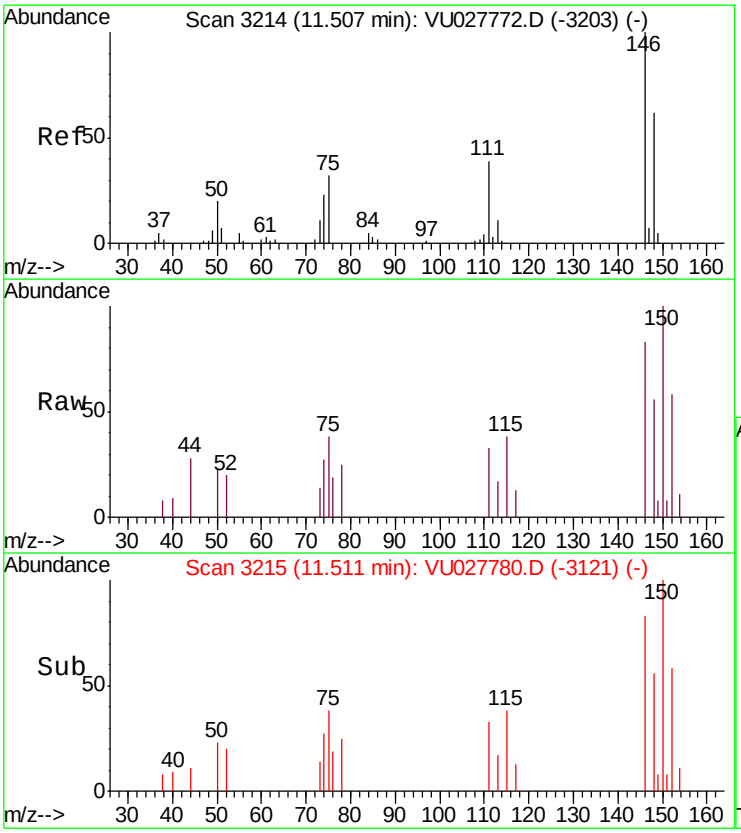
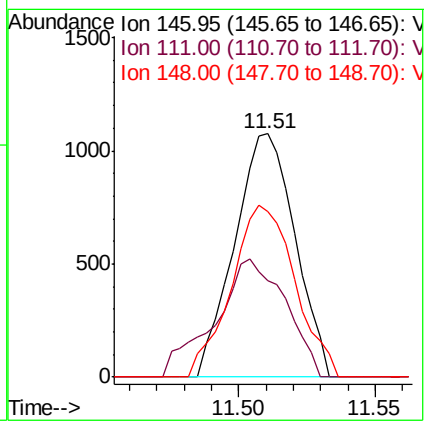
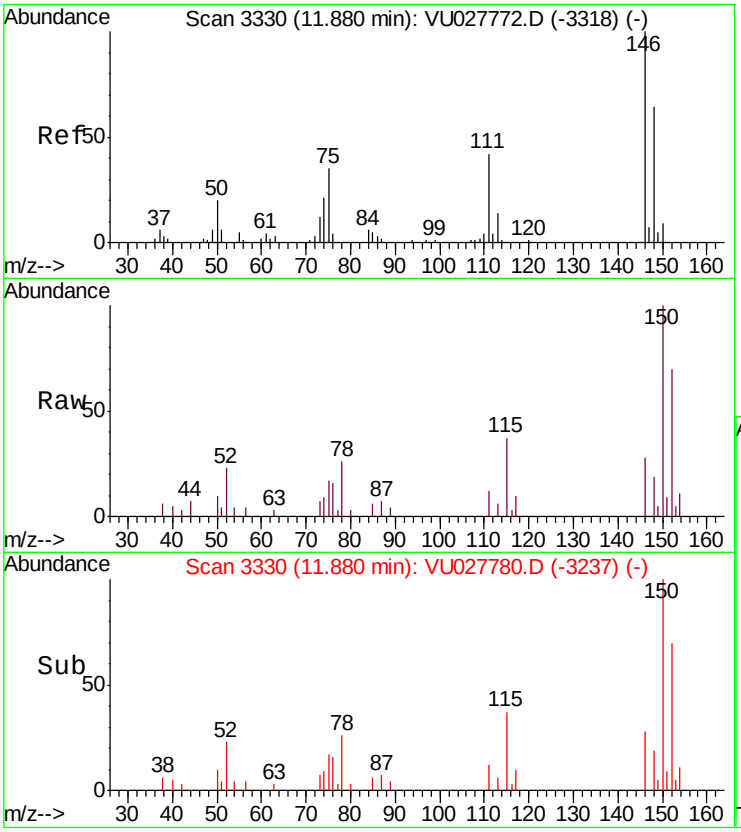


#63
1,4-Dichlorobenzene
Concen: 0.251 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:146 Resp: 1648

Ion	Ratio	Lower	Upper
146	100		
111	39.8	27.6	51.4
148	68.0	43.3	80.3

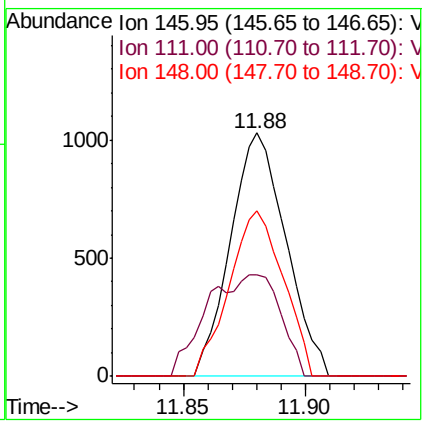




#65
1,2-Dichlorobenzene
Concen: 0.265 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:146 Resp: 1620

Ion	Ratio	Lower	Upper
146	100		
111	41.9	33.7	50.5
148	67.9	50.8	76.2



Instrument :
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ClientSampleId :
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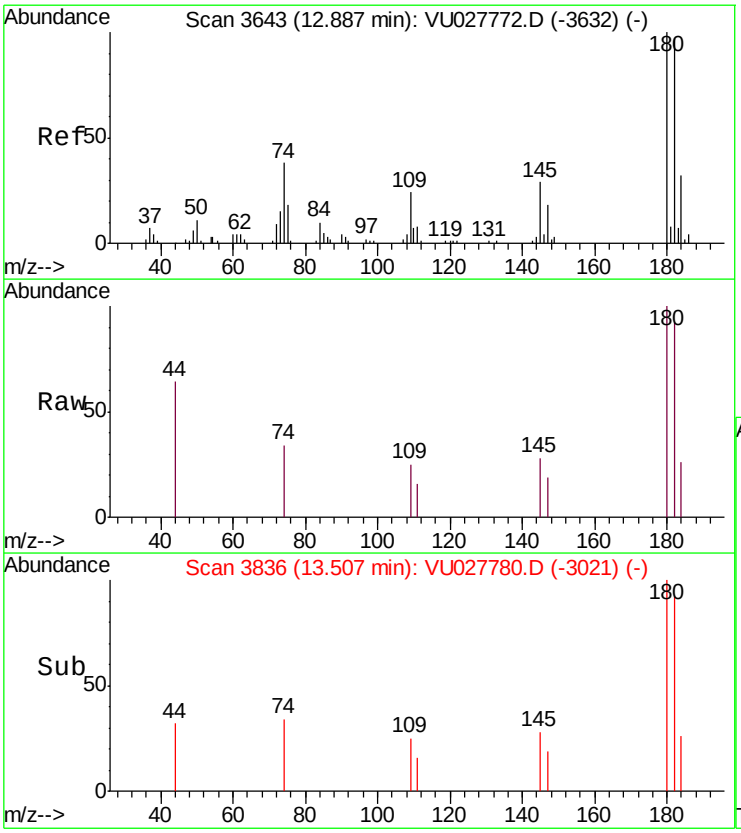
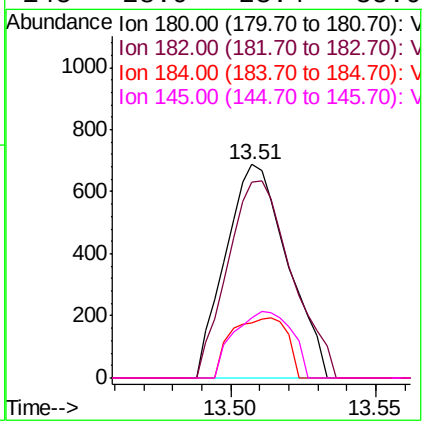
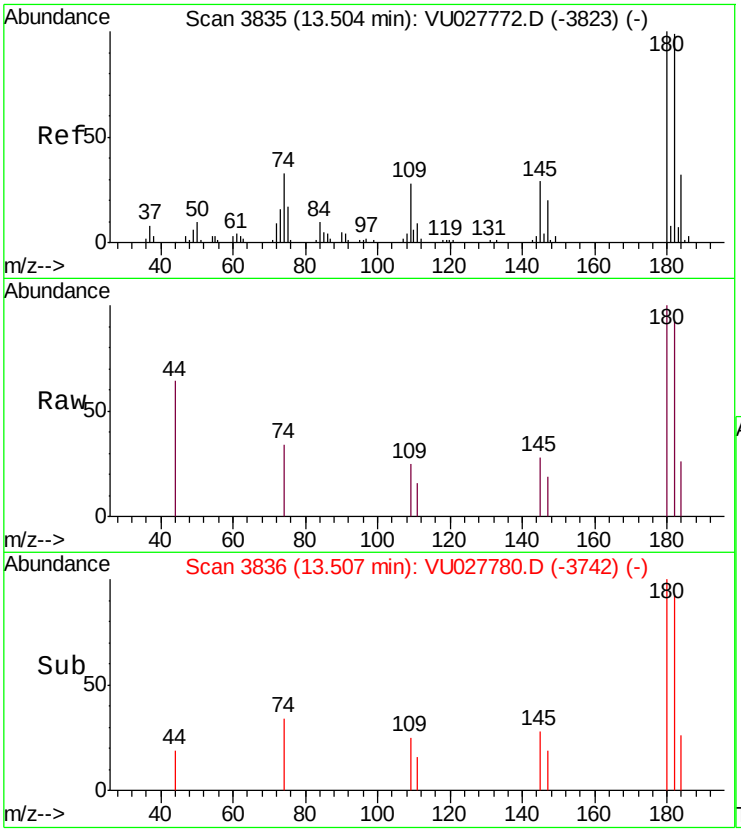


#67
1,3,5-Trichlorobenzene
Concen: 0.194 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.62 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:180 Resp: 1015

Ion	Ratio	Lower	Upper
180	100		
182	95.7	78.9	118.3
184	25.4	24.6	37.0
145	28.9	23.4	35.0

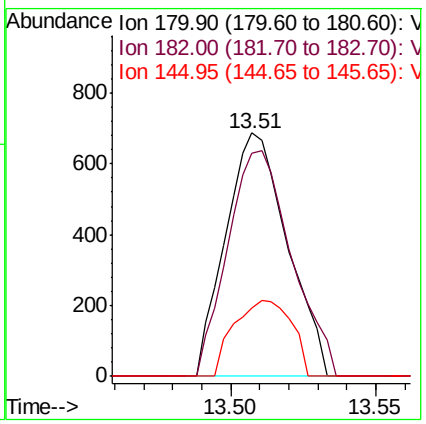




#68
1,2,4-trichlorobenzene
Concen: 0.224 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:180 Resp: 1015

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.6	116.4
145	28.9	23.7	35.5



Instrument :
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ClientSampleId :
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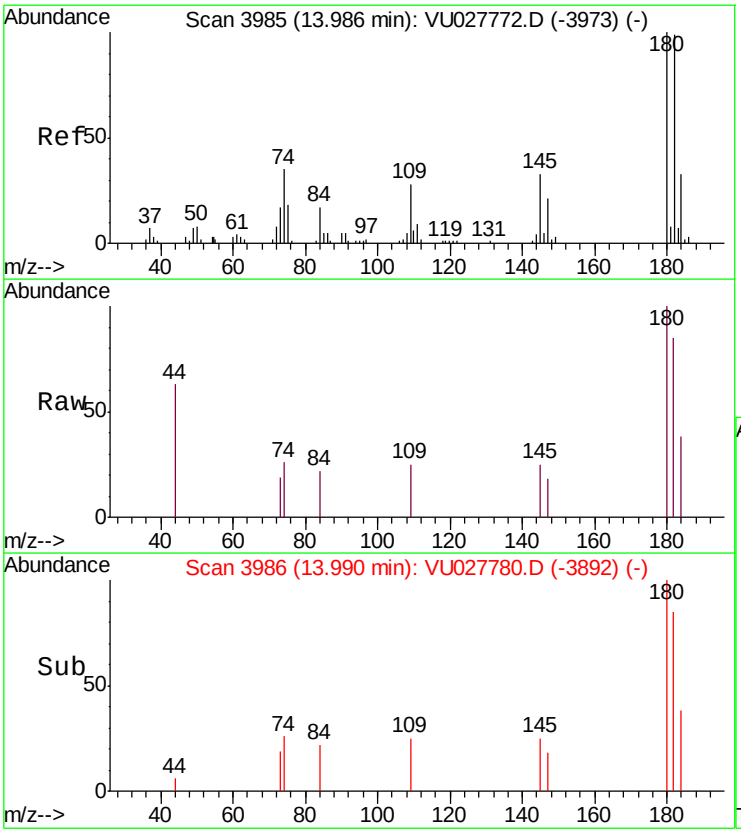

#70
1,2,3-Trichlorobenzene
Concen: 0.234 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027780.D
Acq: 24 Oct 2018 12:59

Tgt Ion:180 Resp: 980

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.9	115.3
145	18.6	24.6	37.0#