Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027895.D
Acq On : 01 Nov 2018 11:36
Operator : MD/SY
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:22 PM

Quant Time: Nov 02 07:18:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	78422	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	77595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	36041	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23746	3.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.60%			
7) Chloroethane-d5	1.68	69	19185	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.20%			
11) 1,1-Dichloroethene-d2	2.28	63	38277	3.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.80%			
20) 2-Butanone-d5	4.19	46	86179	47.15	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.30%			
24) Chloroform-d	4.65	84	44631	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.00%			
26) 1,2-Dichloroethane-d4	5.31	65	31977	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.80%			
32) Benzene-d6	5.34	84	89287	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.33	67	32140	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.40%			
41) Toluene-d8	7.57	98	82419	4.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.60%			
43) trans-1,3-Dichloropropene-	7.85	79	11280	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.31	63	69507	43.65	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.30%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23004	4.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	31012	4.50	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2947	0.382	ug/L	97
3) Chloromethane	1.33	50	2920	0.381	ug/L	98
5) Vinyl chloride	1.40	62	2881	0.378	ug/L	92
6) Bromomethane	1.63	94	872	0.348	ug/L	92
8) Chloroethane	1.70	64	1758m	0.394	ug/L	
9) Trichlorofluoromethane	1.89	101	3708	0.366	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2202	0.426	ug/L	88
12) 1,1-Dichloroethene	2.29	96	1959	0.402	ug/L #	1
13) Acetone	2.32	43	4297m	3.729	ug/L	
14) Carbon disulfide	2.48	76	5822	0.335	ug/L	95
15) Methyl Acetate	2.62	43	1148m	0.372	ug/L	
16) Methylene chloride	2.70	84	2147	0.392	ug/L	91
17) Methyl tert-butyl Ether	3.01	73	5120	0.353	ug/L #	85
18) trans-1,2-Dichloroethene	2.98	96	1764	0.341	ug/L	84
19) 1,1-Dichloroethane	3.44	63	4001	0.366	ug/L	98
21) 2-Butanone	4.29	43	7135m	3.562	ug/L	
22) cis-1,2-Dichloroethene	4.23	96	2036	0.340	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027895.D
Acq On : 01 Nov 2018 11:36
Operator : MD/SY
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:22 PM

Quant Time: Nov 02 07:18:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.55	128	770	0.311	ug/L		87
25) Chloroform	4.68	83	8456	0.763	ug/L		96
27) 1,2-Dichloroethane	5.41	62	2993	0.387	ug/L	#	78
29) 1,1,1-Trichloroethane	4.92	97	3592	0.359	ug/L		96
30) Cyclohexane	5.00	56	3918	0.333	ug/L		99
31) Carbon tetrachloride	5.13	117	3233	0.376	ug/L		100
33) Benzene	5.39	78	8635	0.351	ug/L		100
34) Trichloroethene	6.19	95	2368	0.370	ug/L		87
35) Methylcyclohexane	6.41	83	3462	0.318	ug/L		86
37) 1,2-Dichloropropane	6.44	63	2513	0.359	ug/L	#	90
38) Bromodichloromethane	6.76	83	2688	0.328	ug/L		91
39) cis-1,3-Dichloropropene	7.27	75	3638	0.363	ug/L		84
40) 4-Methyl-2-pentanone	7.47	43	16615	3.360	ug/L		98
42) Toluene	7.64	91	8948	0.348	ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	2776m	0.323	ug/L		
45) 1,1,2-Trichloroethane	8.08	97	1447	0.336	ug/L		87
47) Tetrachloroethene	8.23	164	1802	0.367	ug/L		93
48) 2-Hexanone	8.37	43	13791	3.868	ug/L		96
49) Dibromochloromethane	8.48	129	1598	0.307	ug/L		86
50) 1,2-Dibromoethane	8.59	107	1368	0.332	ug/L	#	98
51) Chlorobenzene	9.12	112	5868	0.368	ug/L	#	88
52) Ethylbenzene	9.25	91	10429	0.356	ug/L		93
53) m,p-xylene	9.38	106	3191	0.300	ug/L		83
54) o-xylene	9.78	106	3177	0.304	ug/L		99
55) Styrene	9.80	104	5545	0.317	ug/L		95
56) Isopropylbenzene	10.17	105	9516	0.335	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.46	83	1998	0.356	ug/L	#	76
59) 1,2,3-Trichloropropane	10.49	75	1451m	0.342	ug/L		
61) Bromoform	9.96	173	818	0.309	ug/L	#	81
62) 1,3-Dichlorobenzene	11.42	146	4200	0.362	ug/L		92
63) 1,4-Dichlorobenzene	11.51	146	4532	0.391	ug/L		95
65) 1,2-Dichlorobenzene	11.88	146	4230	0.386	ug/L		90
66) 1,2-Dibromo-3-chloropropan	12.66	75	251m	0.293	ug/L		
67) 1,3,5-Trichlorobenzene	12.89	180	3135	0.336	ug/L		93
68) 1,2,4-trichlorobenzene	13.51	180	2726	0.344	ug/L		96
69) Naphthalene	13.75	128	3634	0.295	ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.99	180	2711	0.375	ug/L		88

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

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Data File : VU027895.D
Acq On : 01 Nov 2018 11:36
Operator : MD/SY
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 02 07:18:21 2018
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
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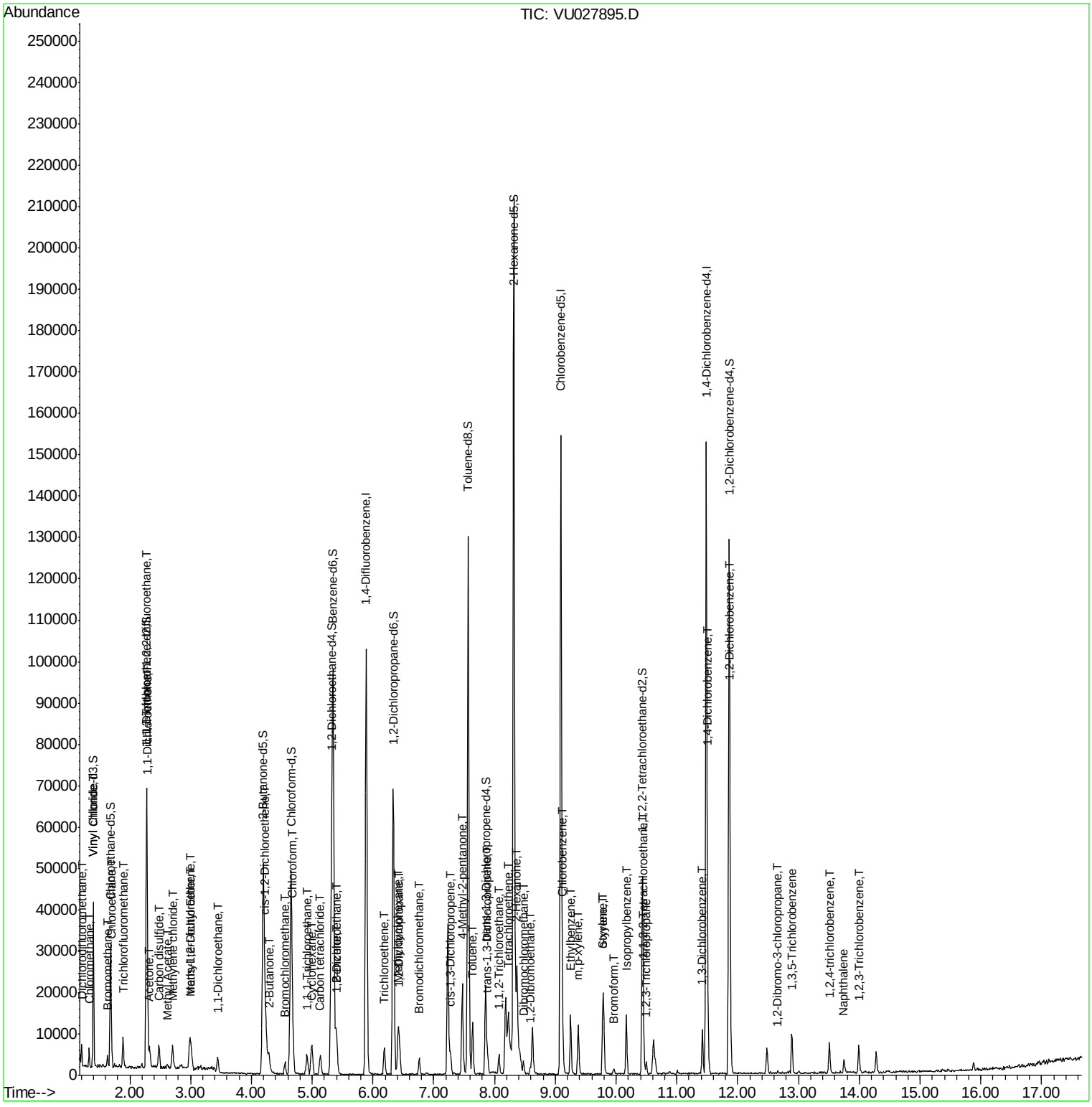
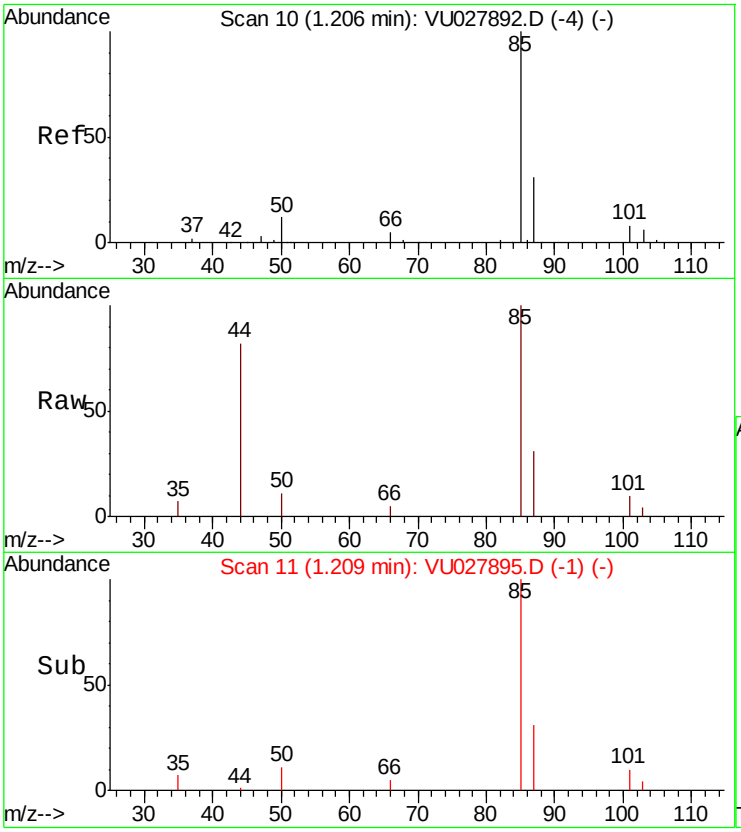
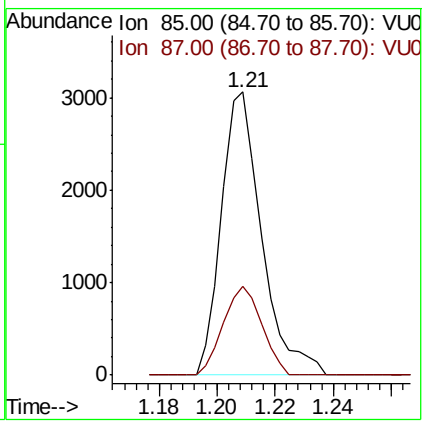




#2
Dichlorodifluoromethane
Concen: 0.382 ug/L
RT: 1.21 min Scan# 11
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 85 Resp: 2947

Ion	Ratio	Lower	Upper
85	100		
87	30.0	25.2	37.8



Instrument :
MSVOA_U
ClientSampleId :
MDL02

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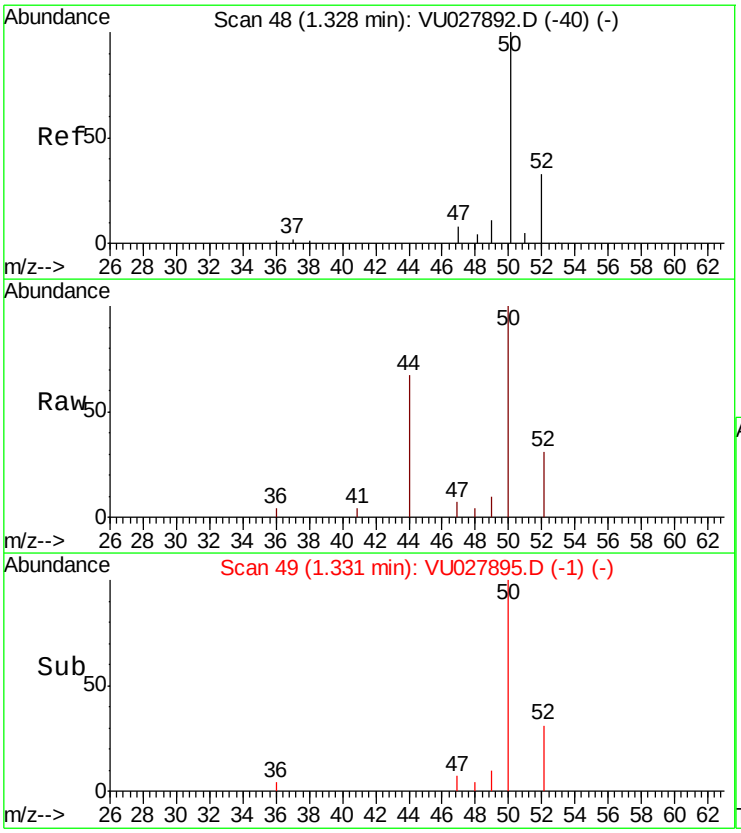
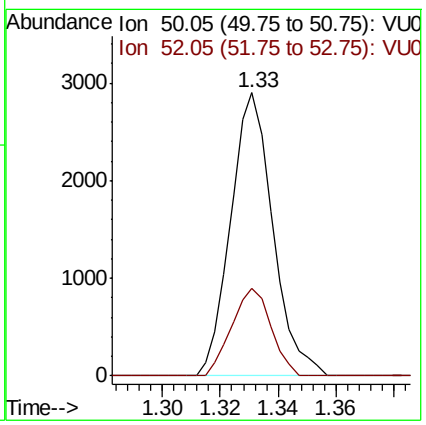
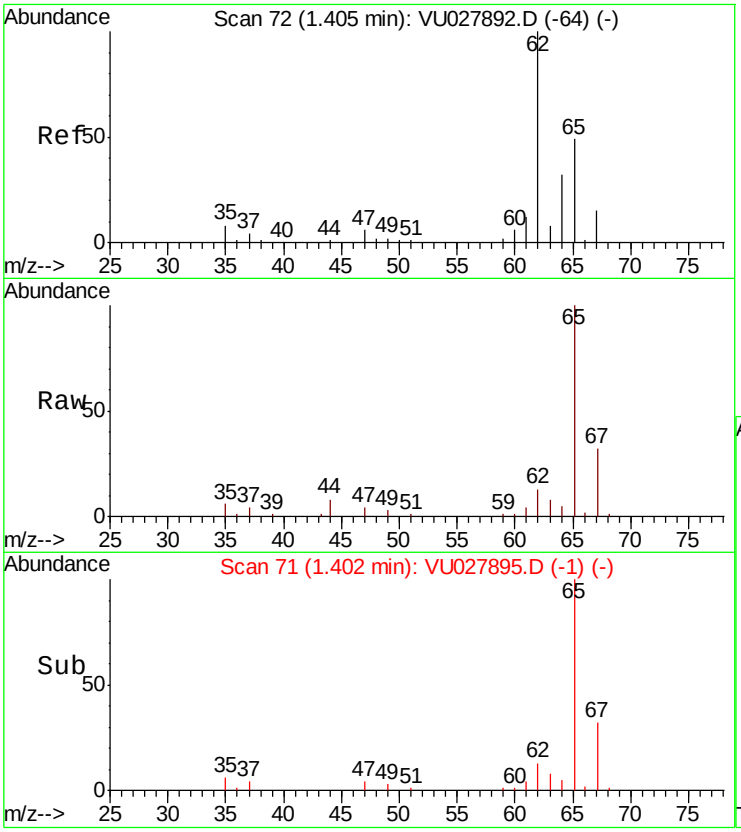


#3
Chloromethane
Concen: 0.381 ug/L
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 50 Resp: 2920

Ion	Ratio	Lower	Upper
50	100		
52	30.9	22.3	41.5





#5
Vinyl chloride
Concen: 0.378 ug/L
RT: 1.40 min Scan# 71
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 62 Resp: 2881

Ion	Ratio	Lower	Upper
62	100		
64	38.9	24.0	44.6

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
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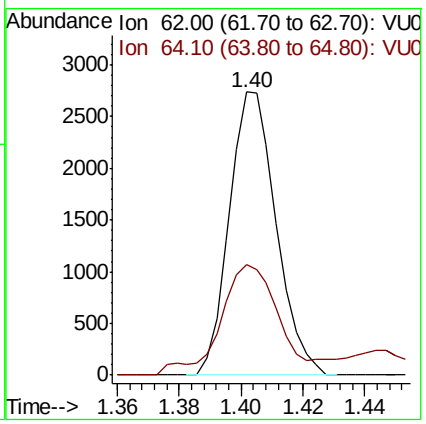
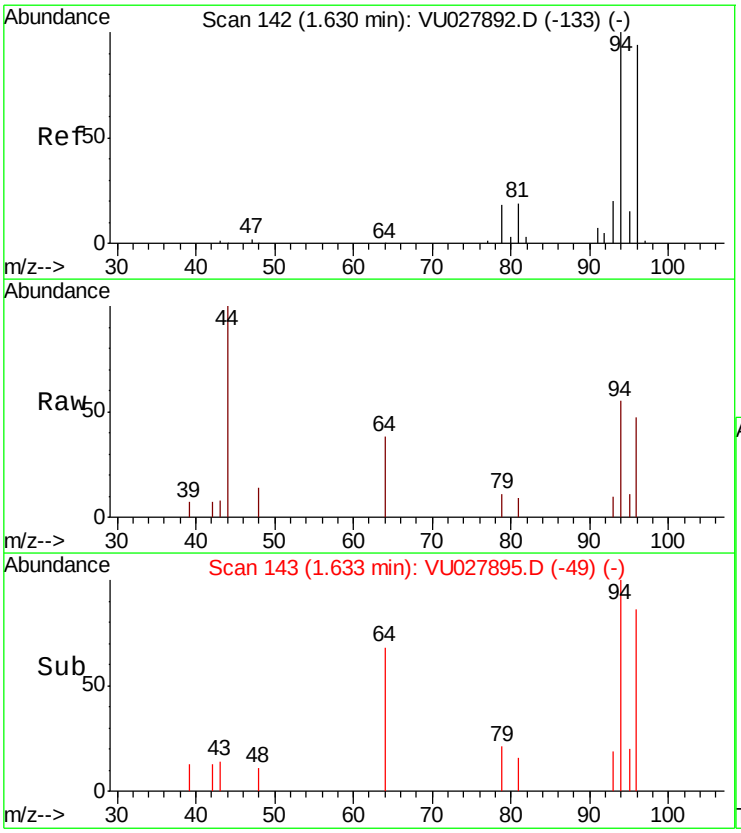
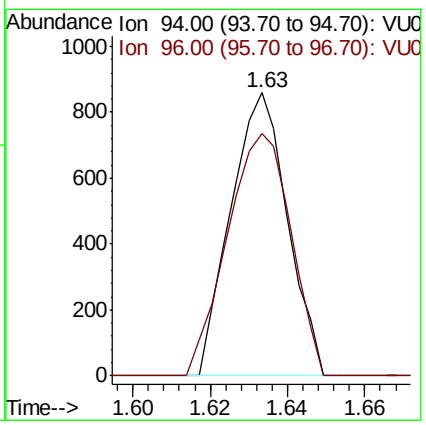


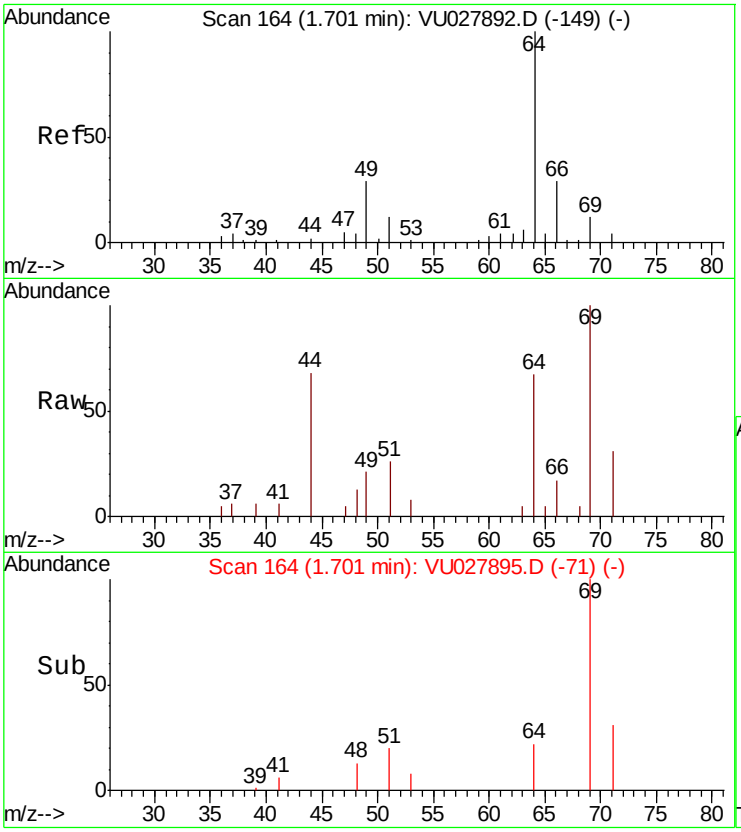


#6
Bromomethane
Concen: 0.348 ug/L
RT: 1.63 min Scan# 143
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 94 Resp: 872

Ion	Ratio	Lower	Upper
94	100		
96	85.6	65.0	120.6

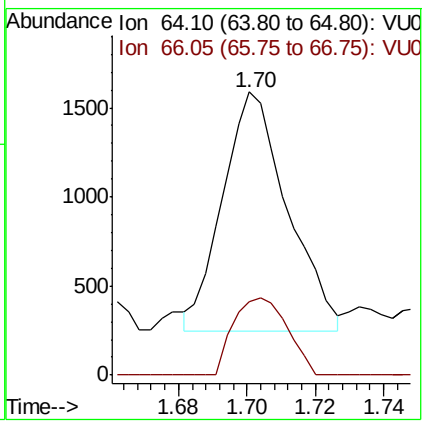




#8
Chloroethane
Concen: 0.394 ug/L m
RT: 1.70 min Scan# 164
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 64 Resp: 1758

Ion	Ratio	Lower	Upper
64	100		
66	25.9	21.8	40.6



Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
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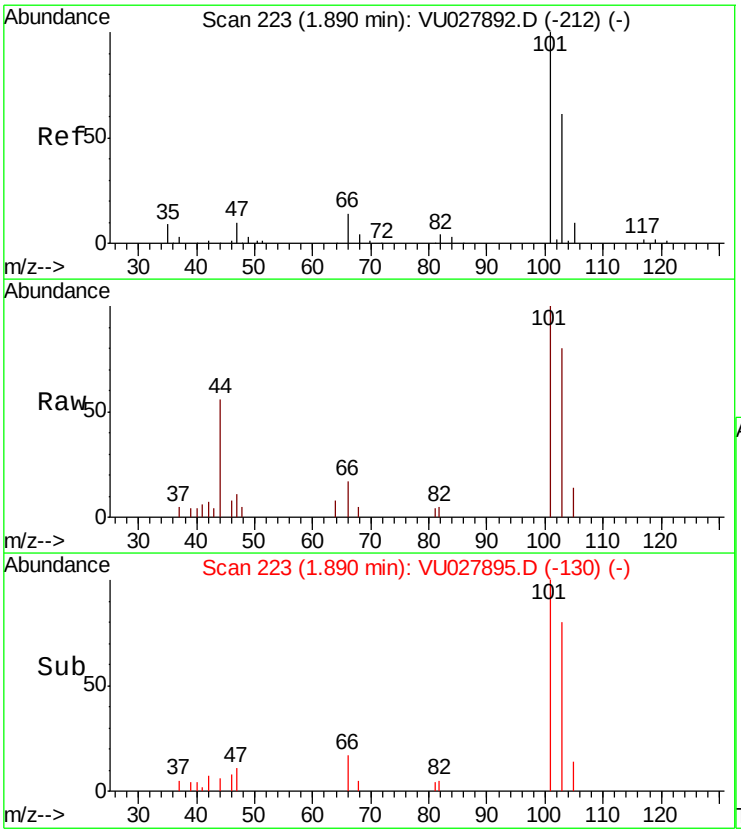
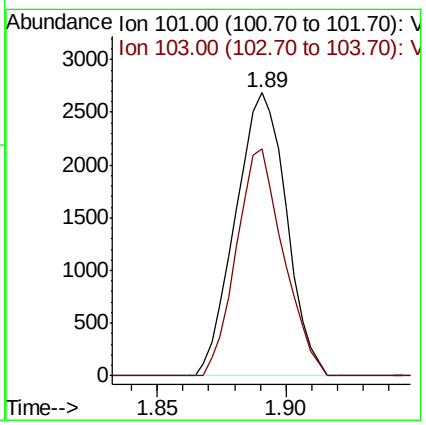
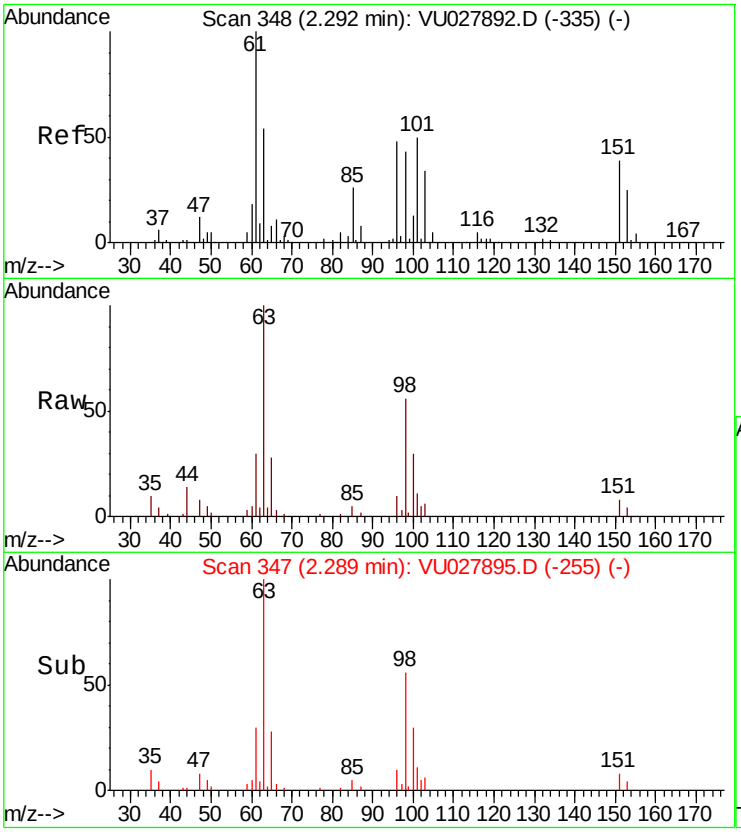


#9
Trichlorofluoromethane
Concen: 0.366 ug/L
RT: 1.89 min Scan# 223
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:101 Resp: 3708

Ion	Ratio	Lower	Upper
101	100		
103	74.1	51.4	77.0





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.426 ug/L
RT: 2.29 min Scan# 347
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:101 Resp: 2202

Ion	Ratio	Lower	Upper
101	100		
85	40.9	37.1	55.7
151	62.8	59.9	89.9

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
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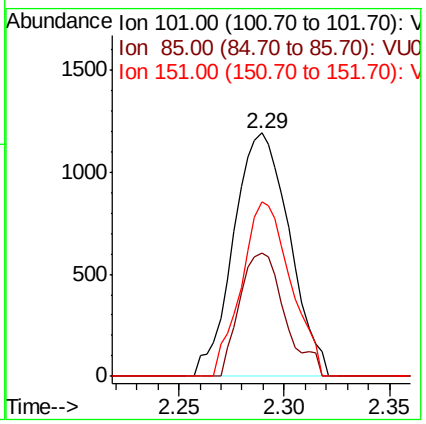
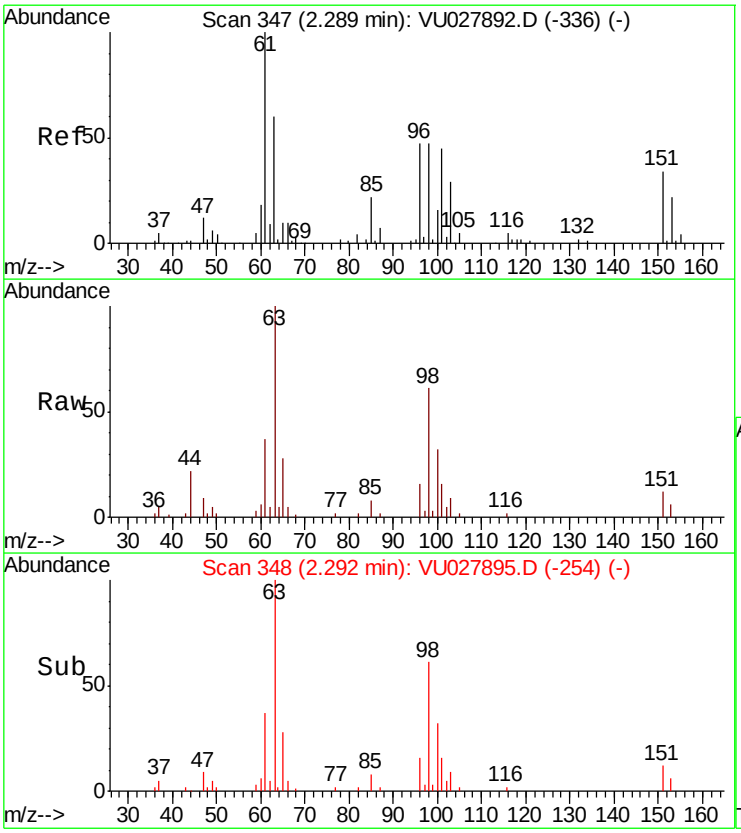
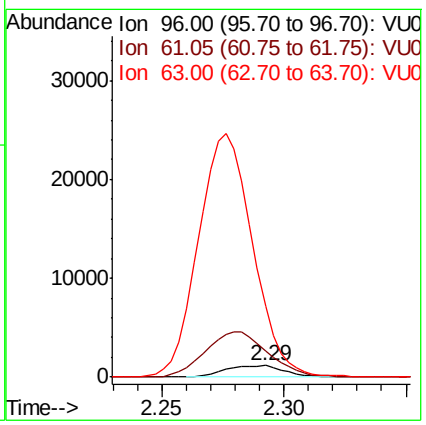


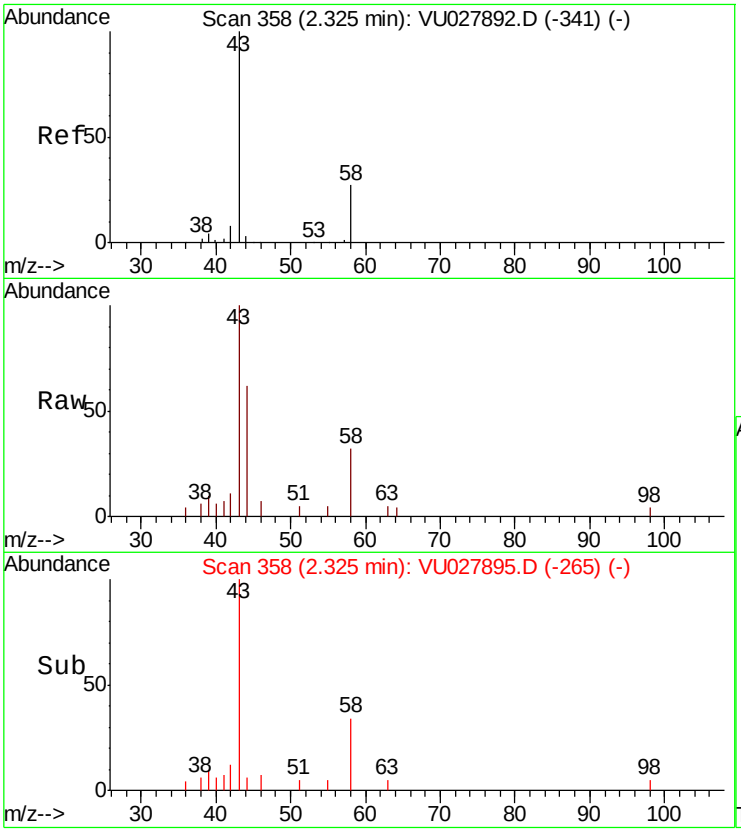


#12
1,1-Dichloroethene
Concen: 0.402 ug/L
RT: 2.29 min Scan# 348
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 96 Resp: 1959

Ion	Ratio	Lower	Upper
96	100		
61	232.4	141.1	262.1
63	623.9	113.0	209.9#





#13
Acetone
Concen: 3.729 ug/L m
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 43 Resp: 4297

Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	61.4

Instrument :
MSVOA_U
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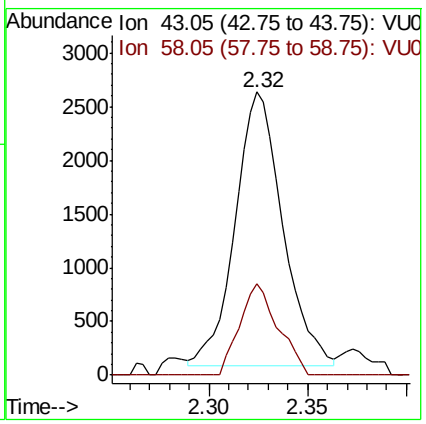
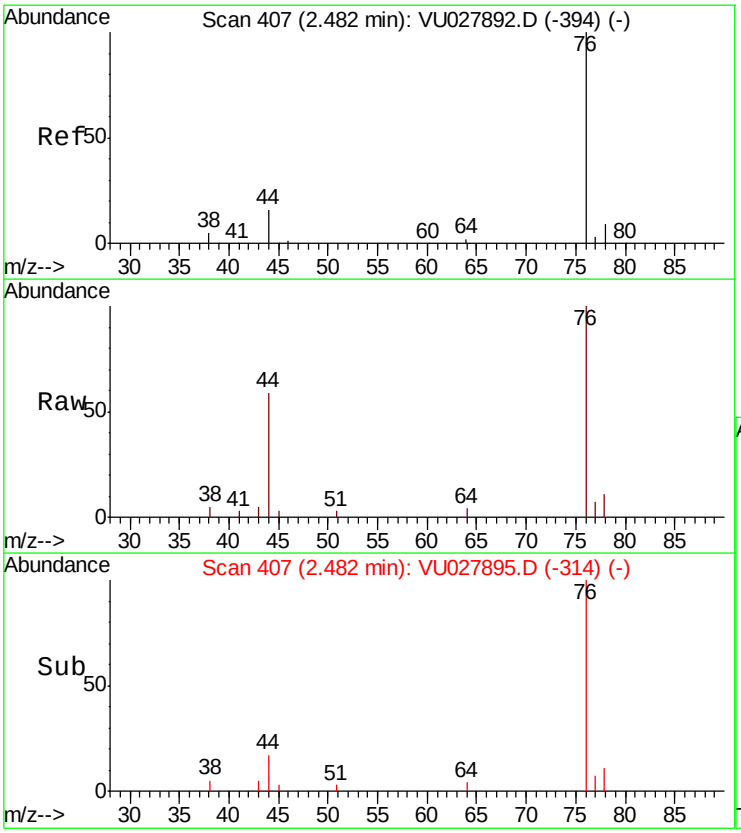
11/5/2018 4:10:22 PM

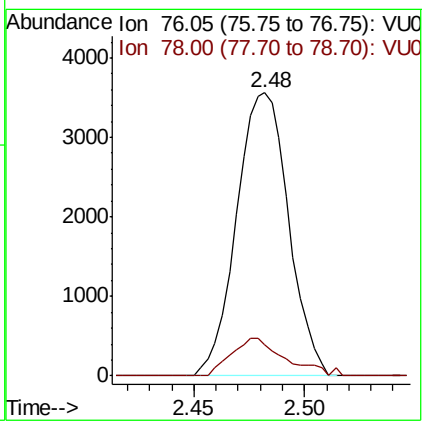


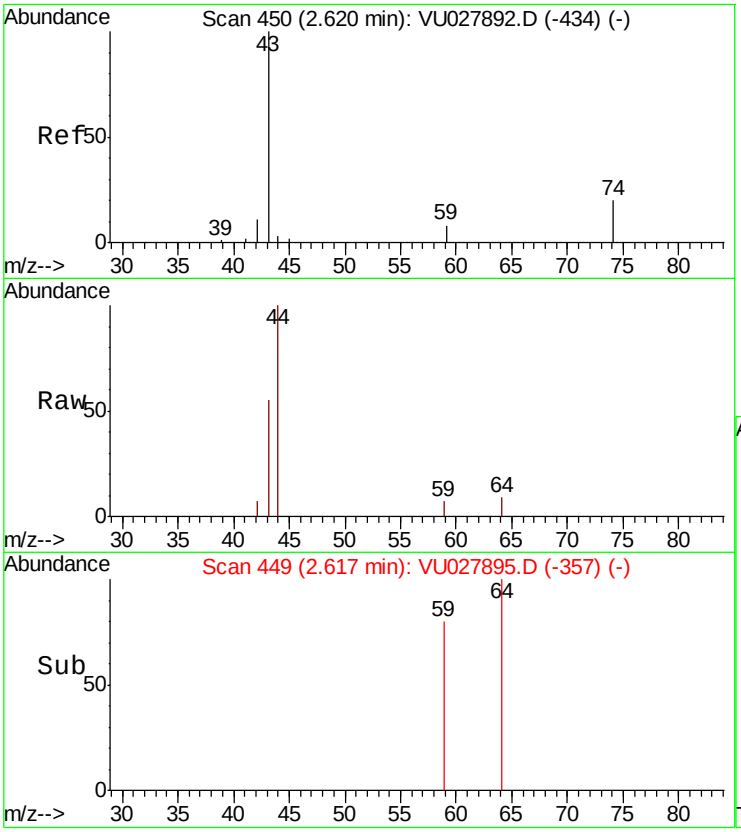


#14
Carbon disulfide
Concen: 0.335 ug/L
RT: 2.48 min Scan# 407
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 76 Resp: 5822

Ion	Ratio	Lower	Upper
76	100		
78	11.1	7.5	11.3





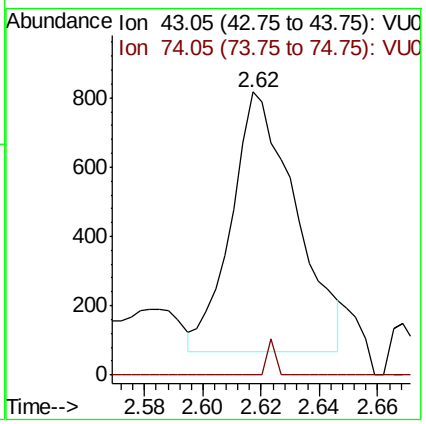
#15
Methyl Acetate
Concen: 0.372 ug/L m
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

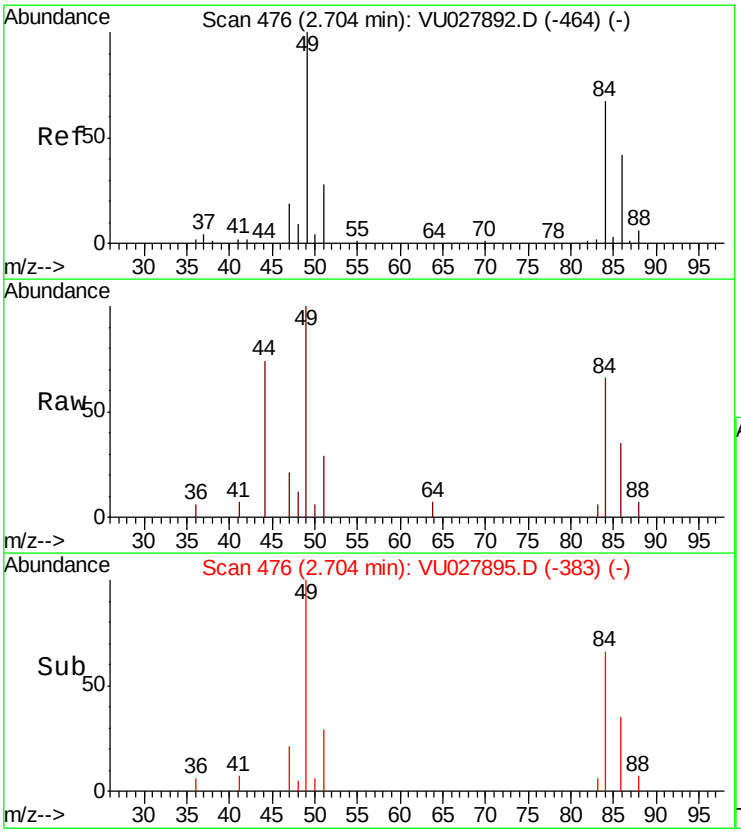
Tgt Ion: 43 Resp: 1148

Ion	Ratio	Lower	Upper
43	100		
74	1.7	14.9	22.3#

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:22 PM

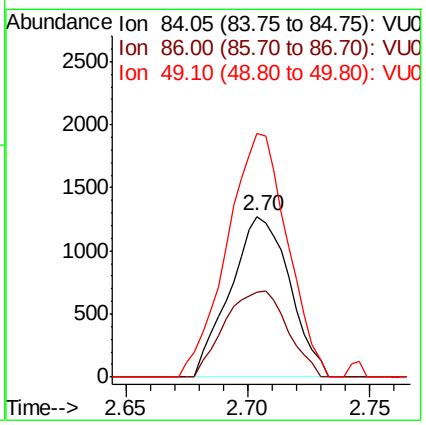


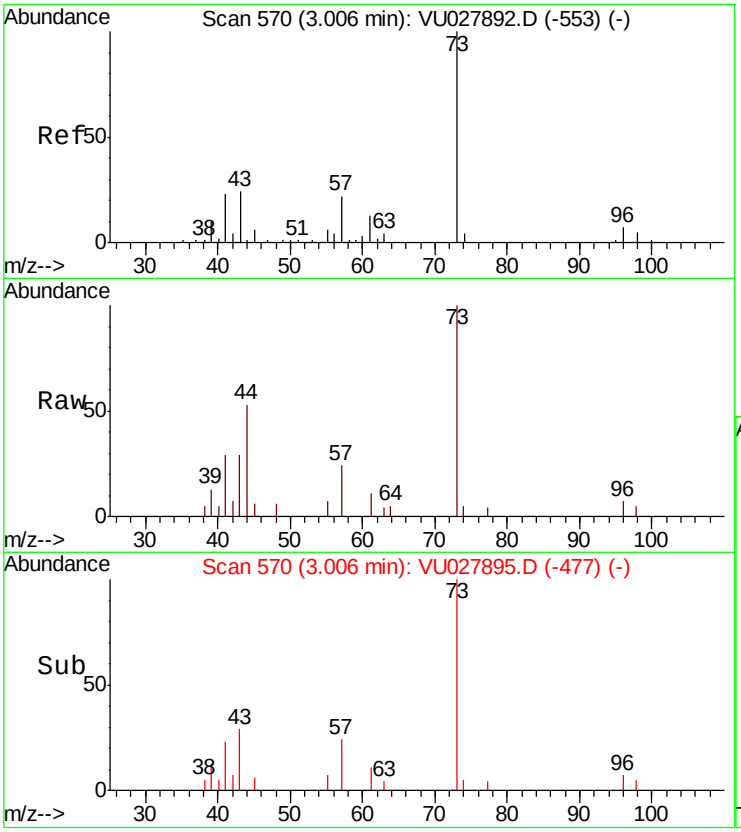


#16
Methylene chloride
Concen: 0.392 ug/L
RT: 2.70 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 84 Resp: 2147

Ion	Ratio	Lower	Upper
84	100		
86	53.1	46.7	86.7
49	151.2	101.3	188.1

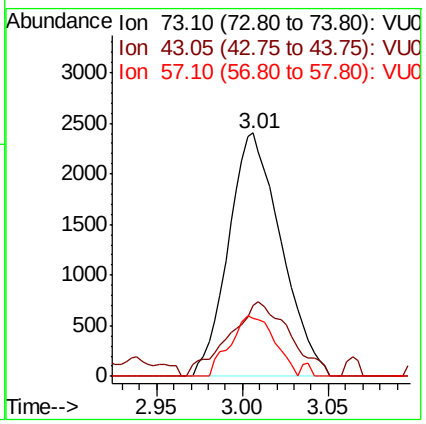




#17
Methyl tert-butyl Ether
Concen: 0.353 ug/L
RT: 3.01 min Scan# 570
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 73 Resp: 5120

Ion	Ratio	Lower	Upper
73	100		
43	35.5	18.7	28.1#
57	20.8	18.7	28.1



Instrument :
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ClientSampleId :
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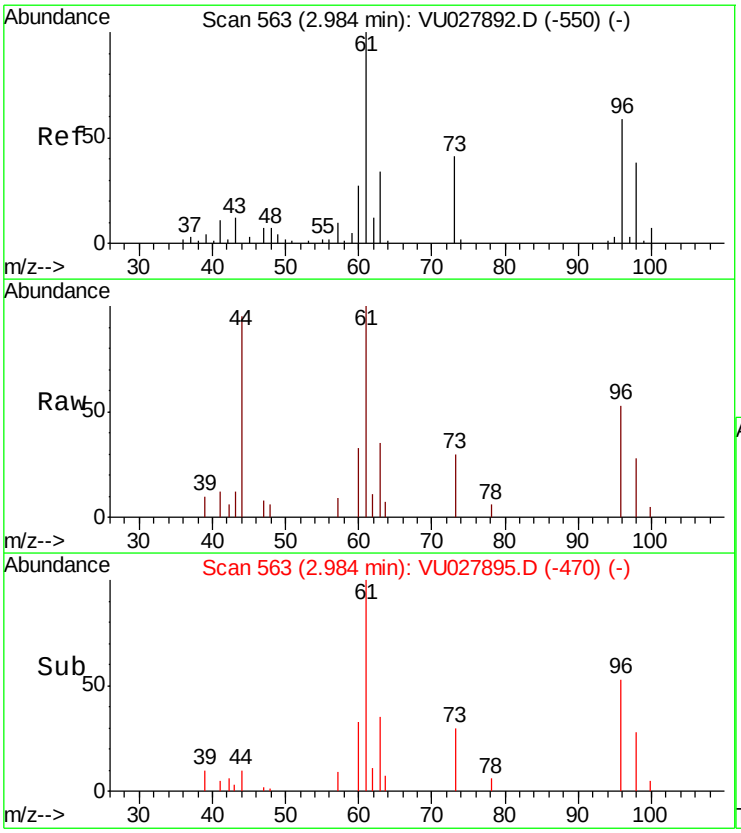
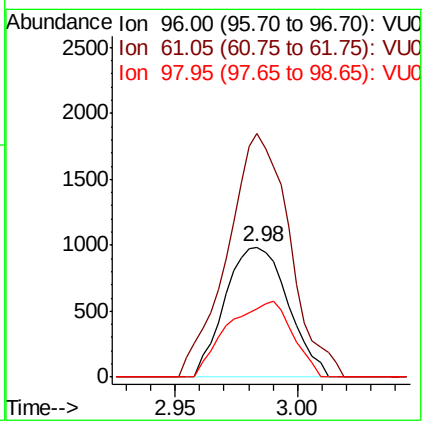
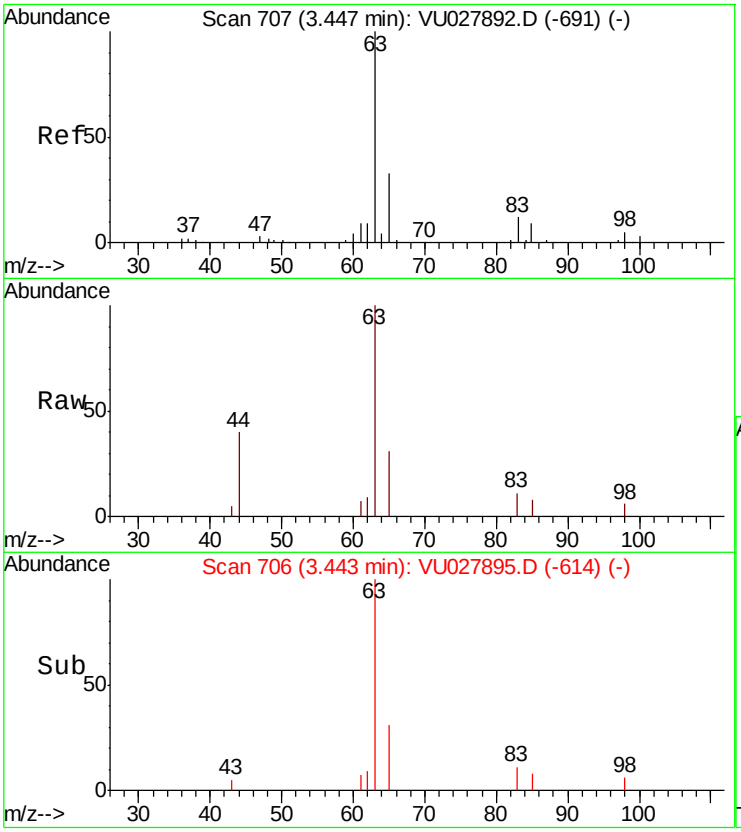


#18
trans-1,2-Dichloroethene
Concen: 0.341 ug/L
RT: 2.98 min Scan# 563
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 96 Resp: 1764

Ion	Ratio	Lower	Upper
96	100		
61	187.3	115.2	214.0
98	52.7	44.0	81.8

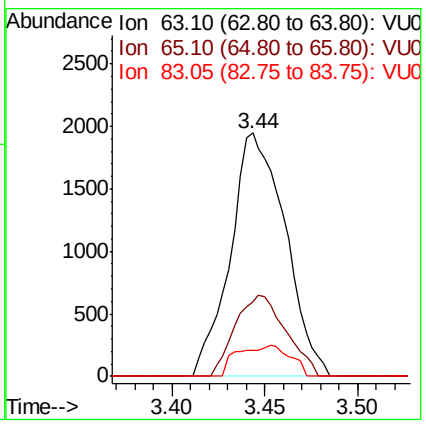




#19
1,1-Dichloroethane
Concen: 0.366 ug/L
RT: 3.44 min Scan# 706
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 63 Resp: 4001

Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.8	40.4
83	10.9	9.4	17.4



Instrument :
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ClientSampleId :
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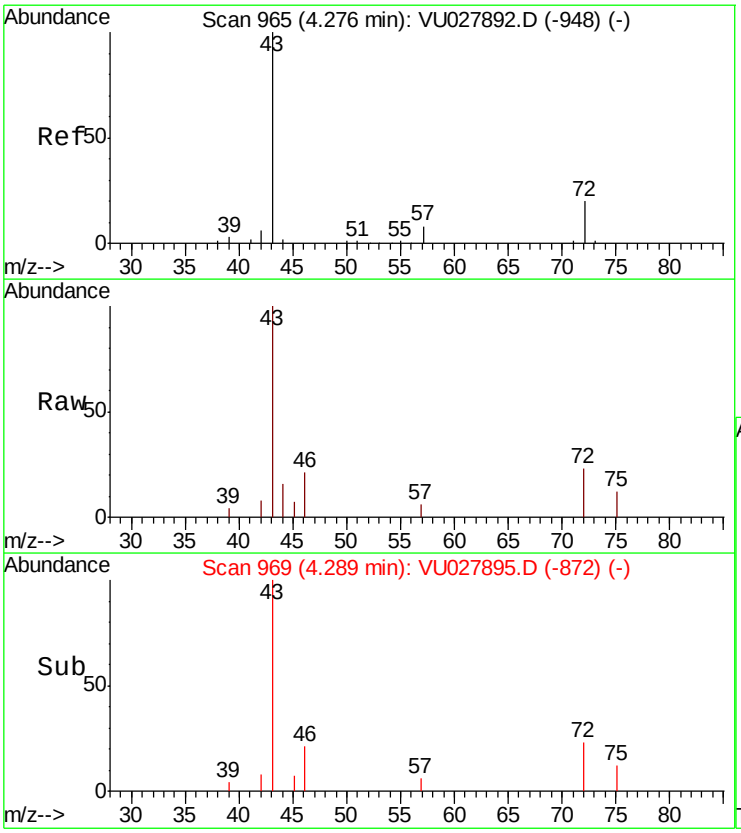
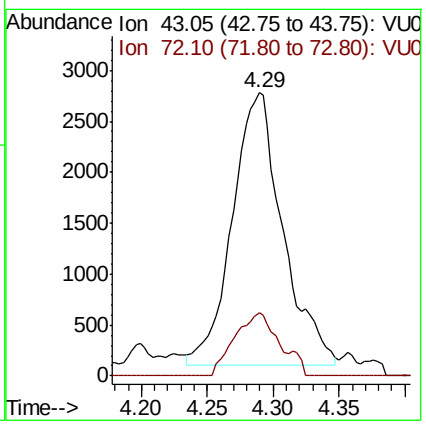
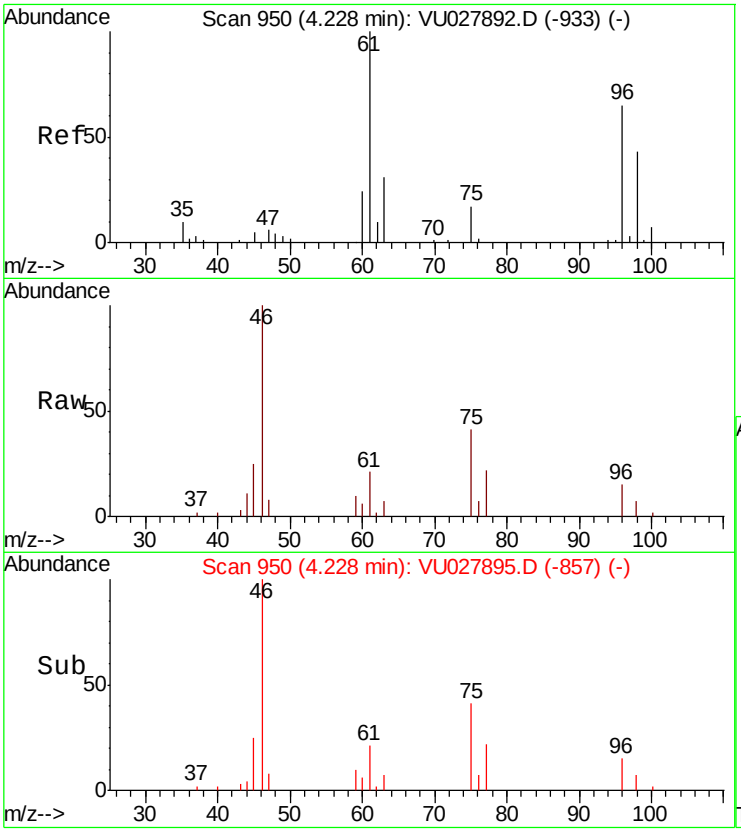


#21
2-Butanone
Concen: 3.562 ug/L m
RT: 4.29 min Scan# 969
Delta R.T. 0.01 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 43 Resp: 7135

Ion	Ratio	Lower	Upper
43	100		
72	20.7	10.9	32.9

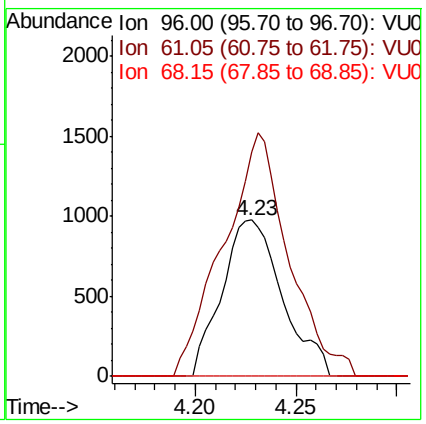




#22
cis-1,2-Dichloroethene
Concen: 0.340 ug/L
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 96 Resp: 2036

Ion	Ratio	Lower	Upper
96	100		
61	144.0	104.0	193.2
68	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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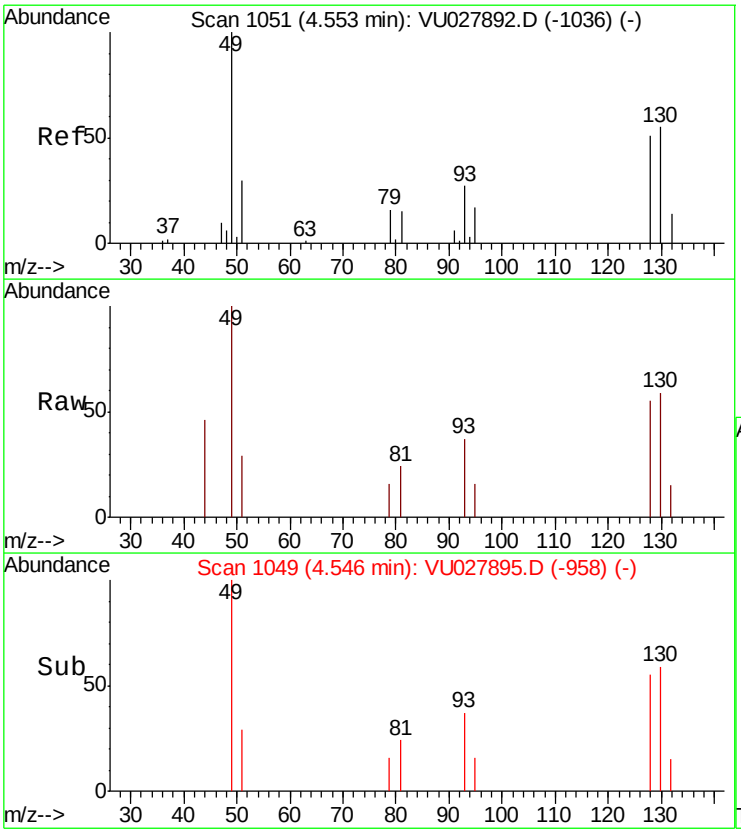
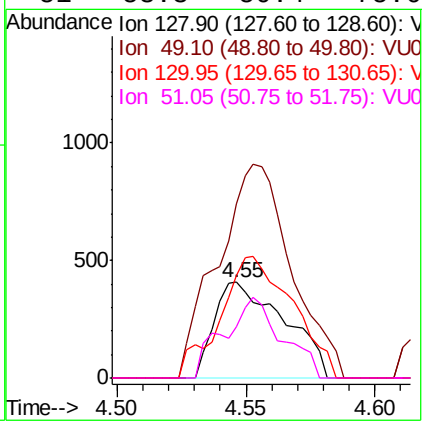
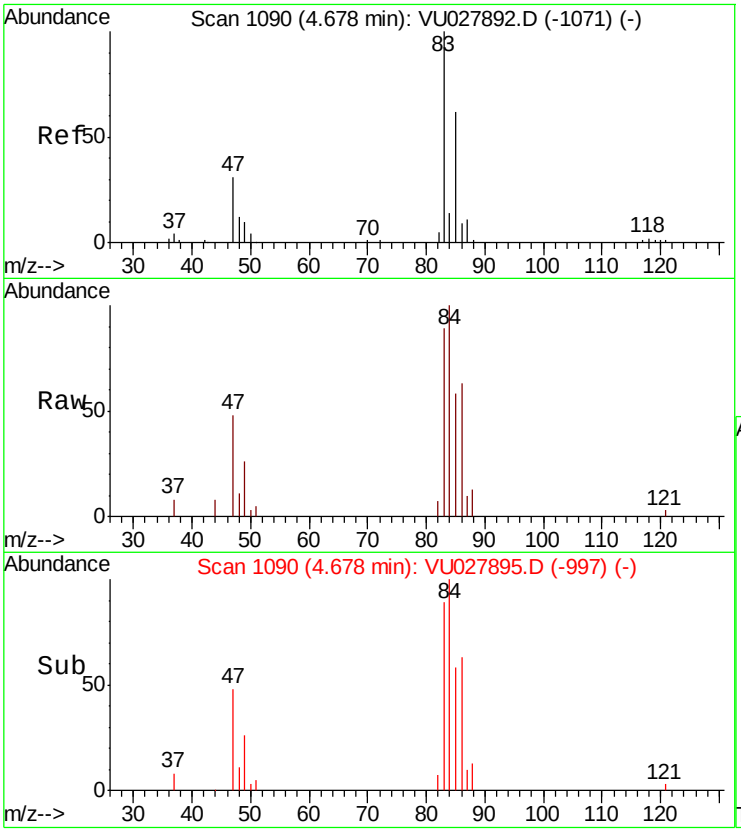


#23
Bromochloromethane
Concen: 0.311 ug/L
RT: 4.55 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:128 Resp: 770

Ion	Ratio	Lower	Upper
128	100		
49	182.6	142.0	263.8
130	106.9	86.1	159.9
51	53.3	50.4	75.6

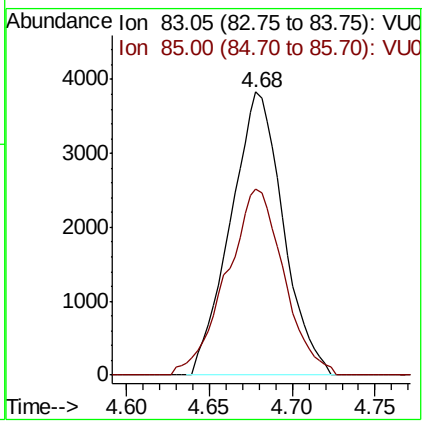




#25
Chloroform
Concen: 0.763 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 83 Resp: 8456

Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.0	81.8



Instrument :
MSVOA_U
ClientSampleId :
MDL02

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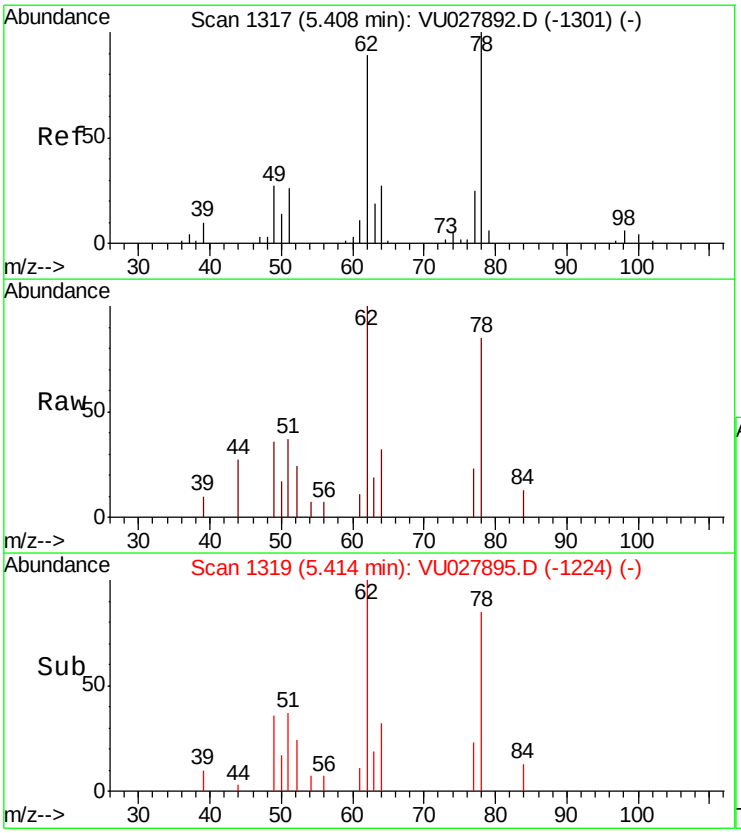
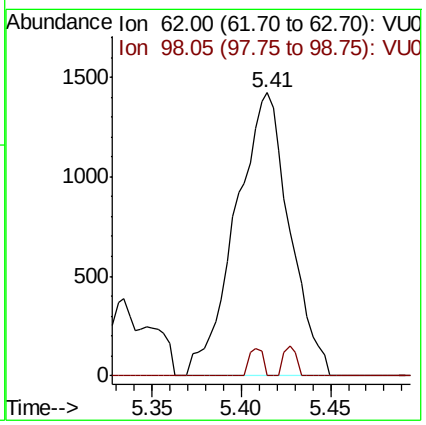
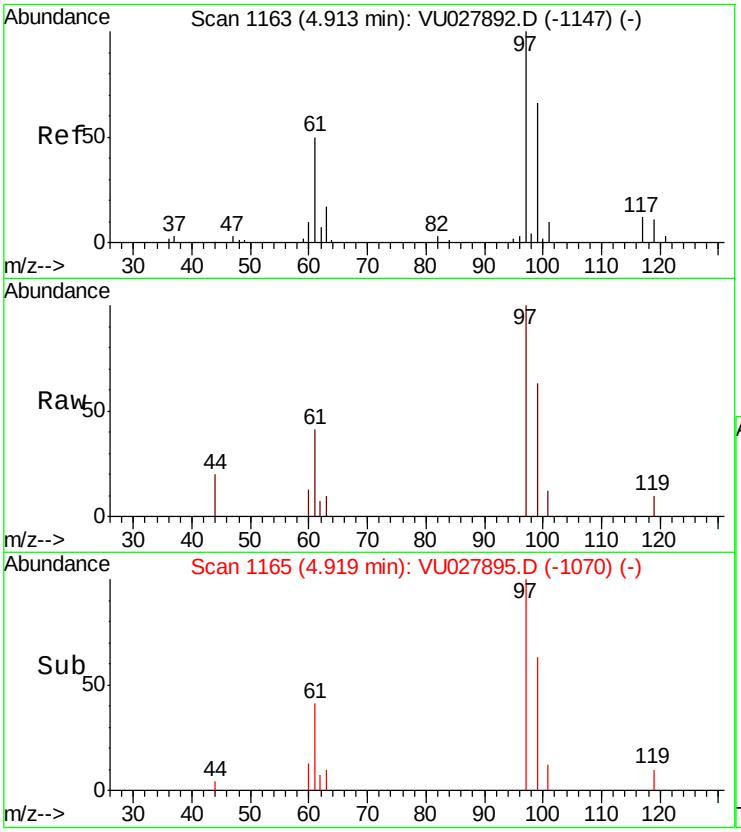


#27
1,2-Dichloroethane
Concen: 0.387 ug/L
RT: 5.41 min Scan# 1319
Delta R.T. 0.01 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 62 Resp: 2993

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.3	9.5#

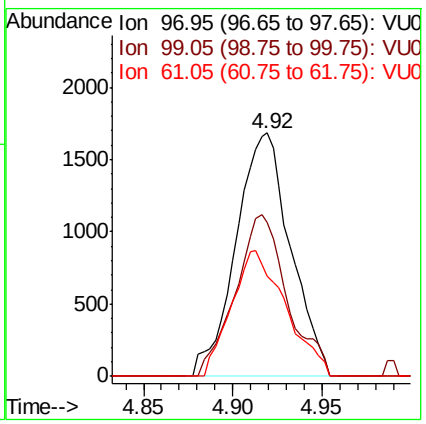




#29
1,1,1-Trichloroethane
Concen: 0.359 ug/L
RT: 4.92 min Scan# 1165
Delta R.T. 0.01 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 97 Resp: 3592

Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.6	76.0
61	51.4	35.8	53.6



Instrument :
MSVOA_U
ClientSampleId :
MDL02

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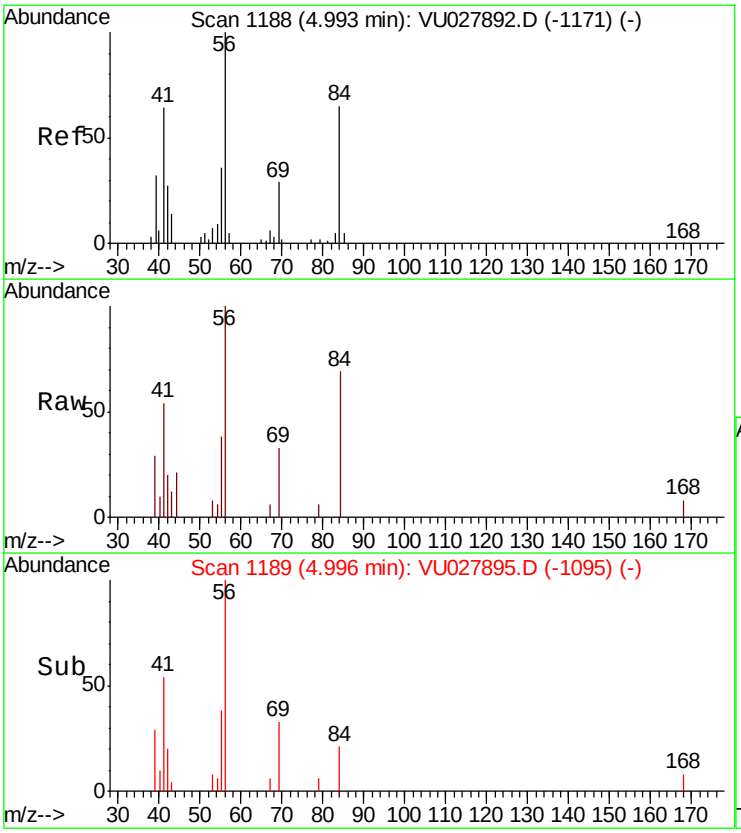
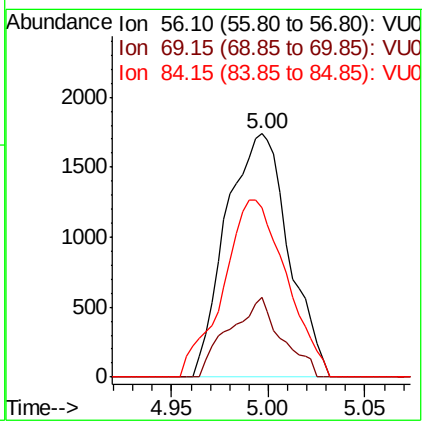
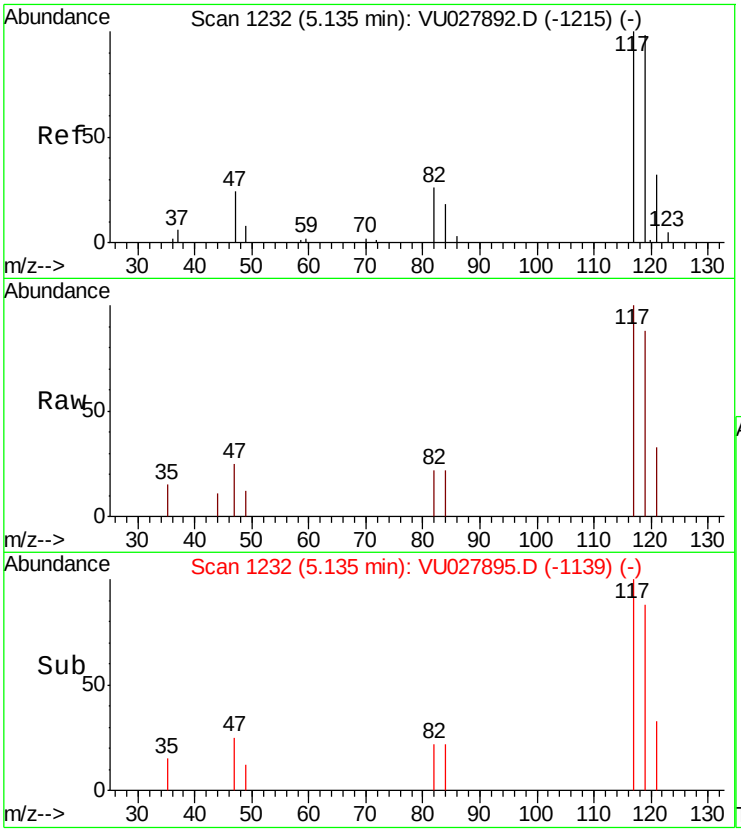


#30
Cyclohexane
Concen: 0.333 ug/L
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 56 Resp: 3918

Ion	Ratio	Lower	Upper
56	100		
69	27.4	22.7	34.1
84	73.2	58.1	87.1

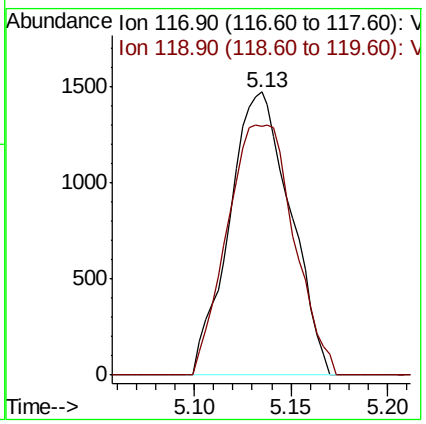




#31
Carbon tetrachloride
Concen: 0.376 ug/L
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:117 Resp: 3233

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.1	115.7



Instrument :
MSVOA_U
ClientSampleId :
MDL02

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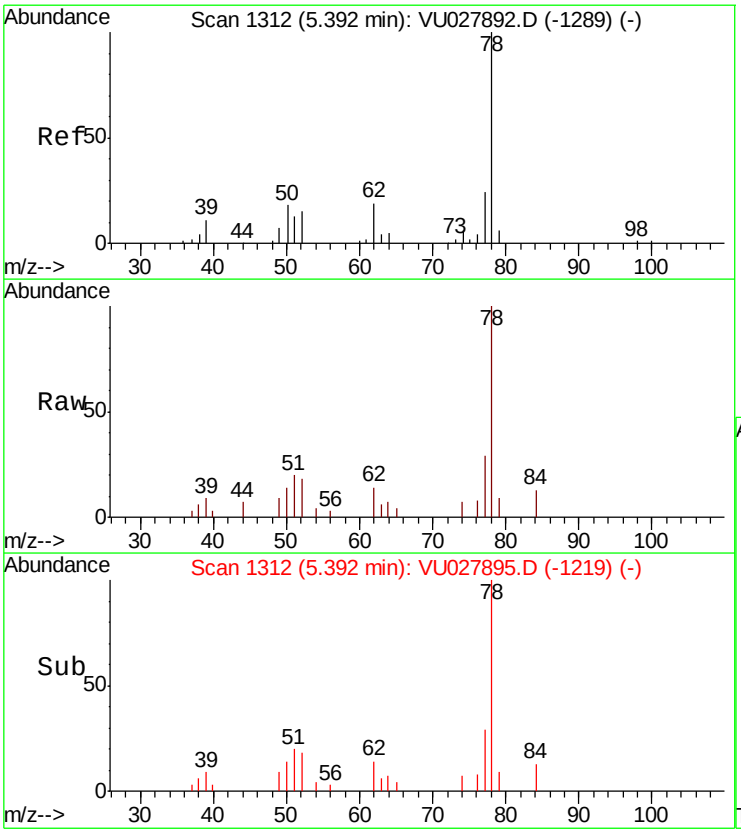
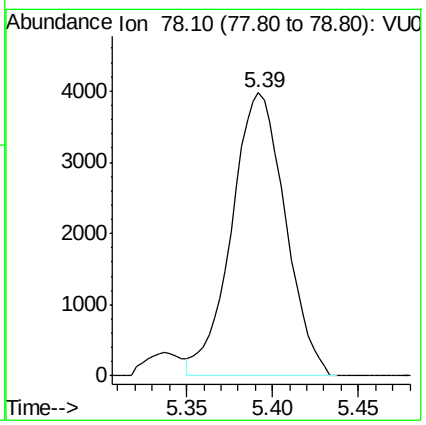
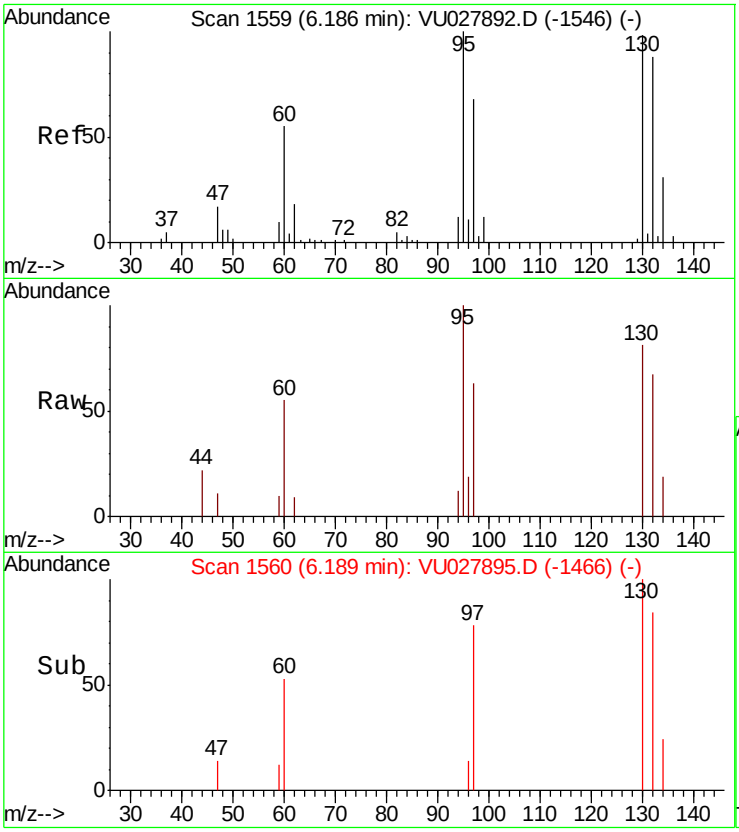


#33
Benzene
Concen: 0.351 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 78 Resp: 8635

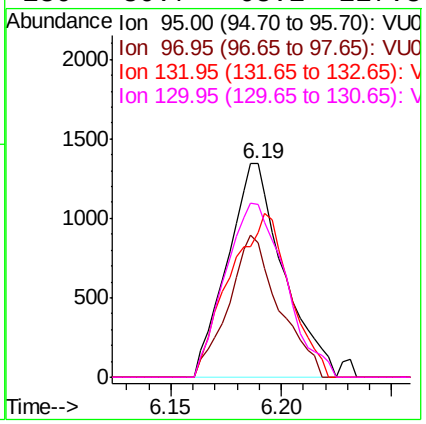




#34
Trichloroethene
Concen: 0.370 ug/L
RT: 6.19 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 95 Resp: 2368

Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.0	81.6
132	67.5	63.3	117.5
130	80.7	63.1	117.3



Instrument :
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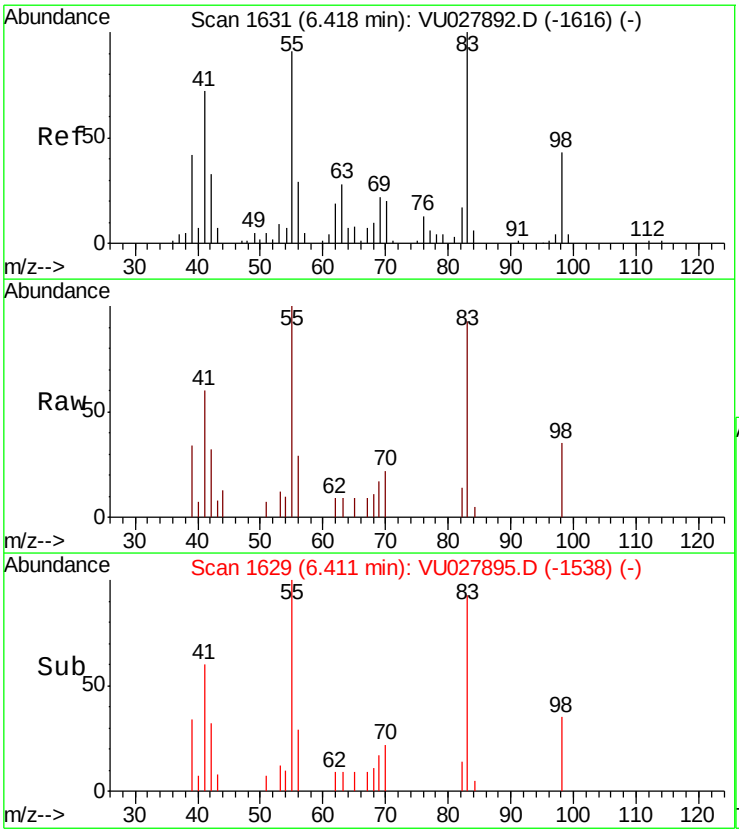
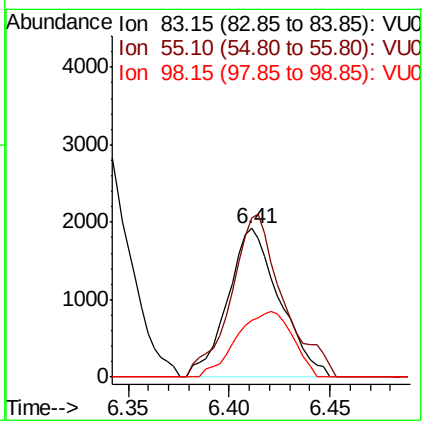
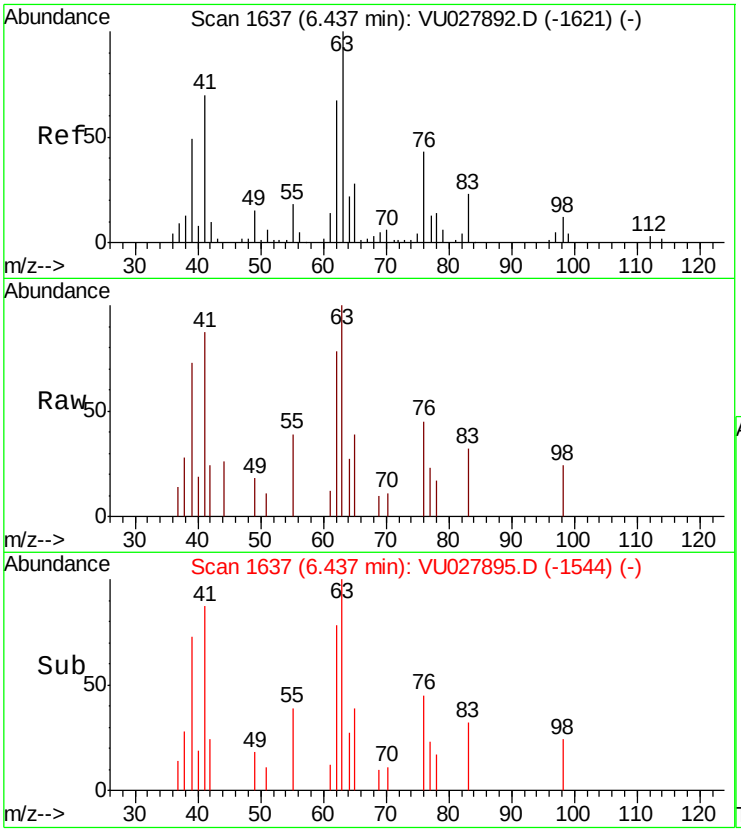


#35
Methylcyclohexane
Concen: 0.318 ug/L
RT: 6.41 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 83 Resp: 3462

Ion	Ratio	Lower	Upper
83	100		
55	109.2	73.4	110.0
98	47.4	35.3	52.9





#37
1,2-Dichloropropane
Concen: 0.359 ug/L
RT: 6.44 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 63 Resp: 2513

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#

Instrument :
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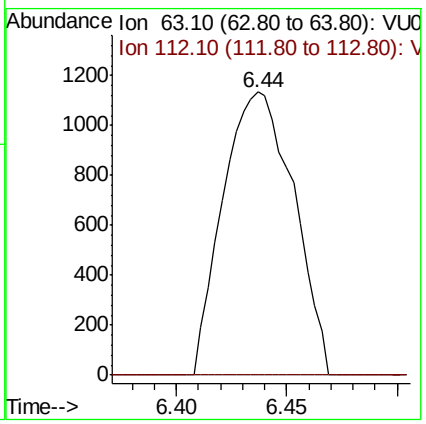
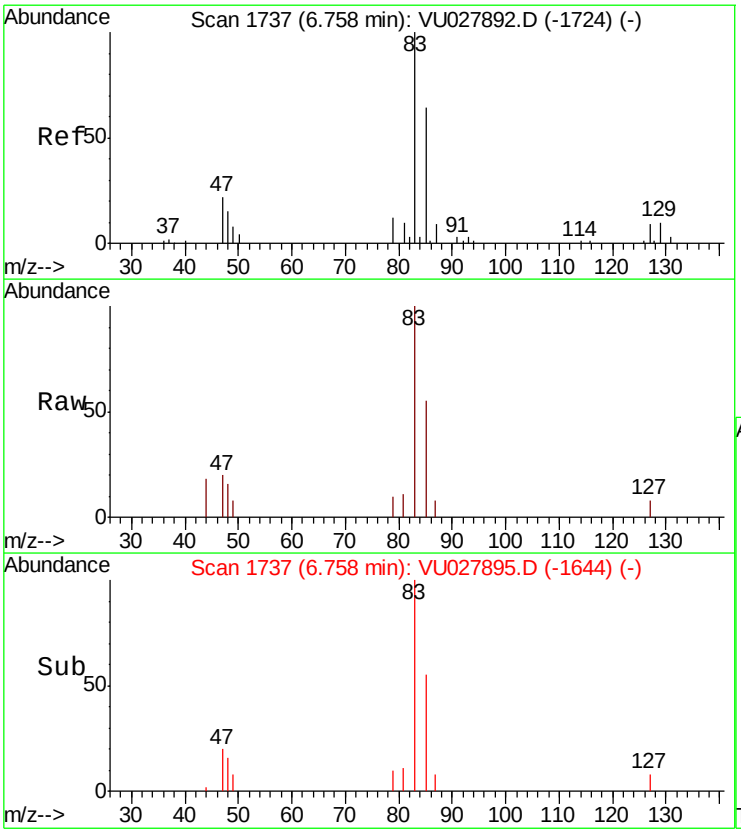
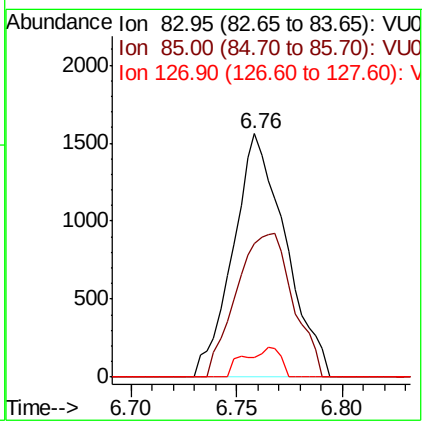


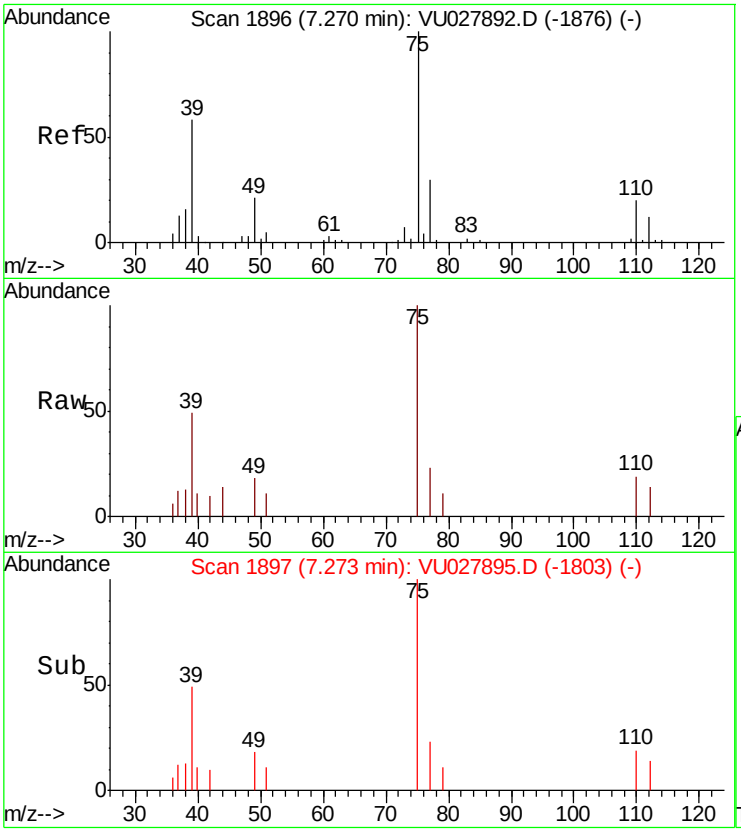


#38
Bromodichloromethane
Concen: 0.328 ug/L
RT: 6.76 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 83 Resp: 2688

Ion	Ratio	Lower	Upper
83	100		
85	54.9	43.8	81.4
127	8.1	6.4	9.6

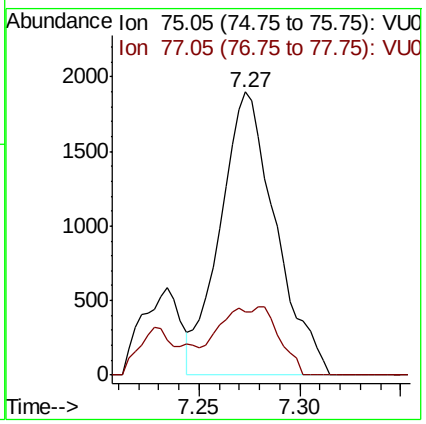




#39
cis-1,3-Dichloropropene
Concen: 0.363 ug/L
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 75 Resp: 3638

Ion	Ratio	Lower	Upper
75	100		
77	22.6	22.2	41.2



Instrument :
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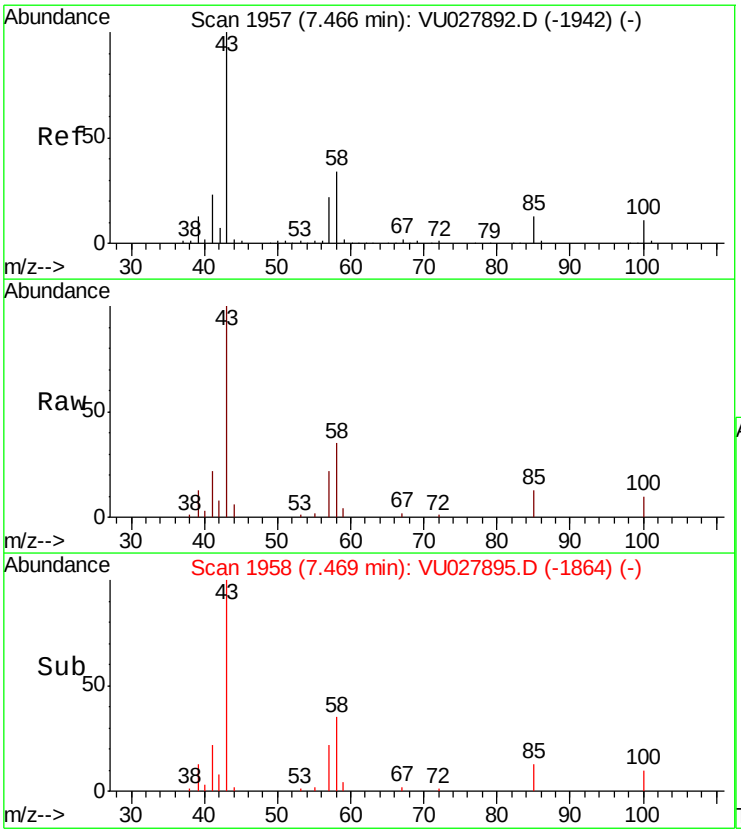
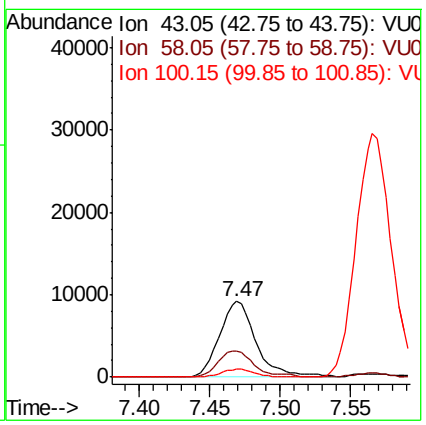
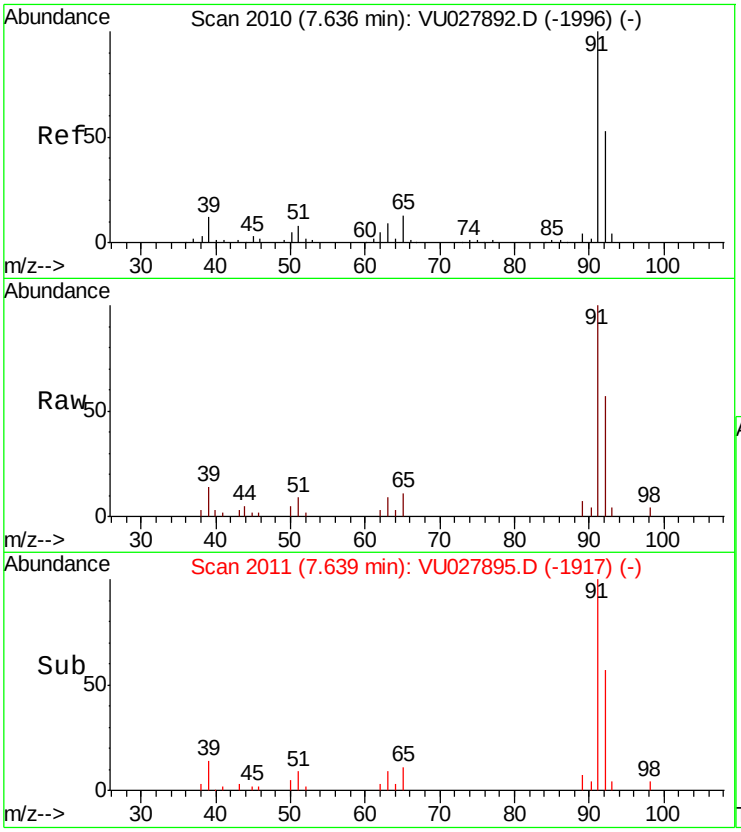


#40
4-Methyl-2-pentanone
Concen: 3.360 ug/L
RT: 7.47 min Scan# 1958
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 43 Resp: 16615

Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.5	42.7
100	9.5	8.8	13.2





#42
Toluene
Concen: 0.348 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 91 Resp: 8948

Ion	Ratio	Lower	Upper
91	100		
92	57.2	40.3	74.9

Instrument :
MSVOA_U
ClientSampleId :
MDL02

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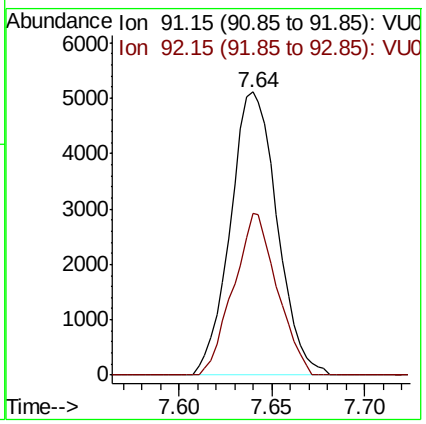
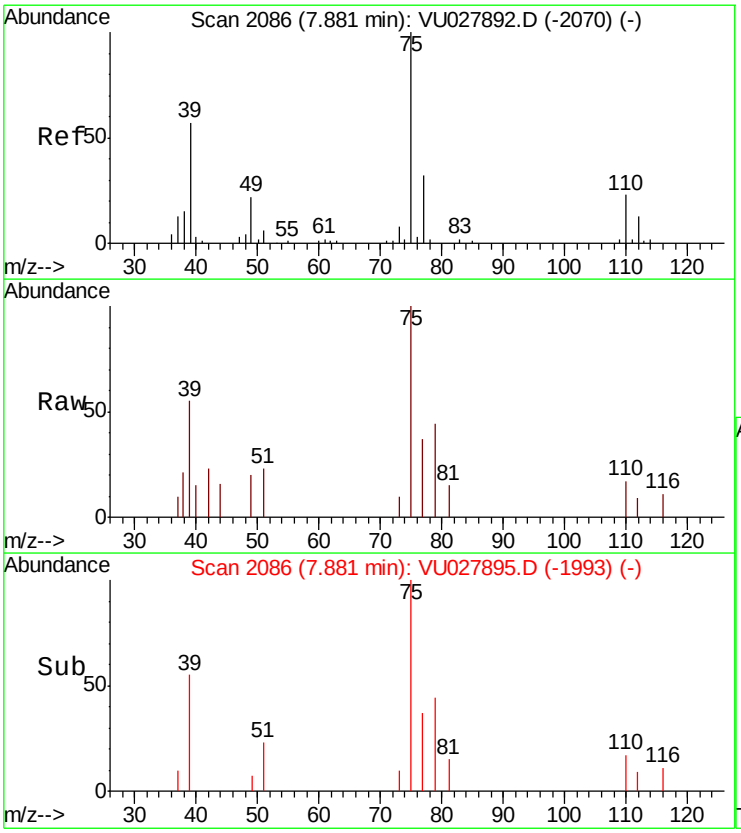
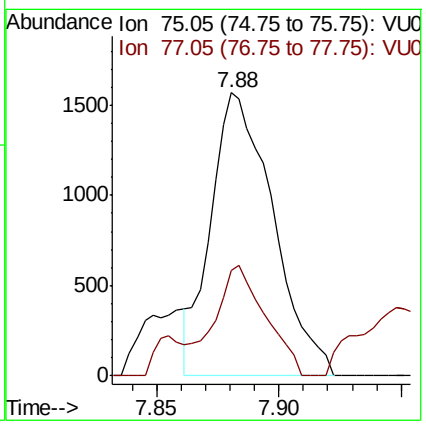


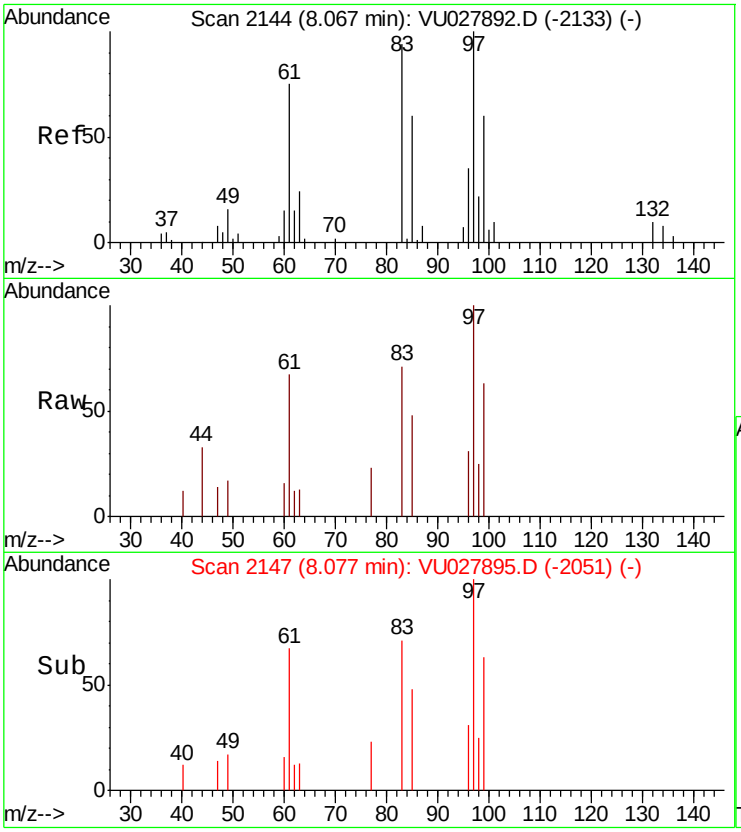


#44
trans-1,3-Dichloropropene
Concen: 0.323 ug/L m
RT: 7.88 min Scan# 2086
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 75 Resp: 2776

Ion	Ratio	Lower	Upper
75	100		
77	37.1	20.5	38.1

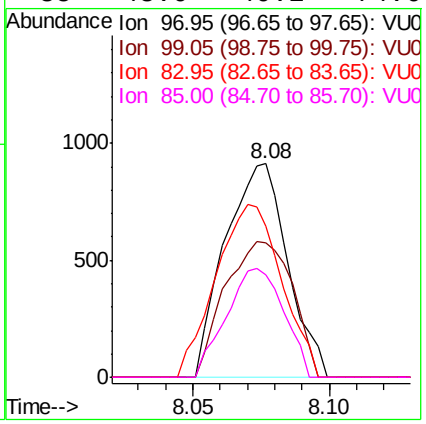




#45
1,1,2-Trichloroethane
Concen: 0.336 ug/L
RT: 8.08 min Scan# 2147
Delta R.T. 0.01 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 97 Resp: 1447

Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.9	79.7
83	70.5	62.2	115.6
85	48.0	40.2	74.6



Instrument :
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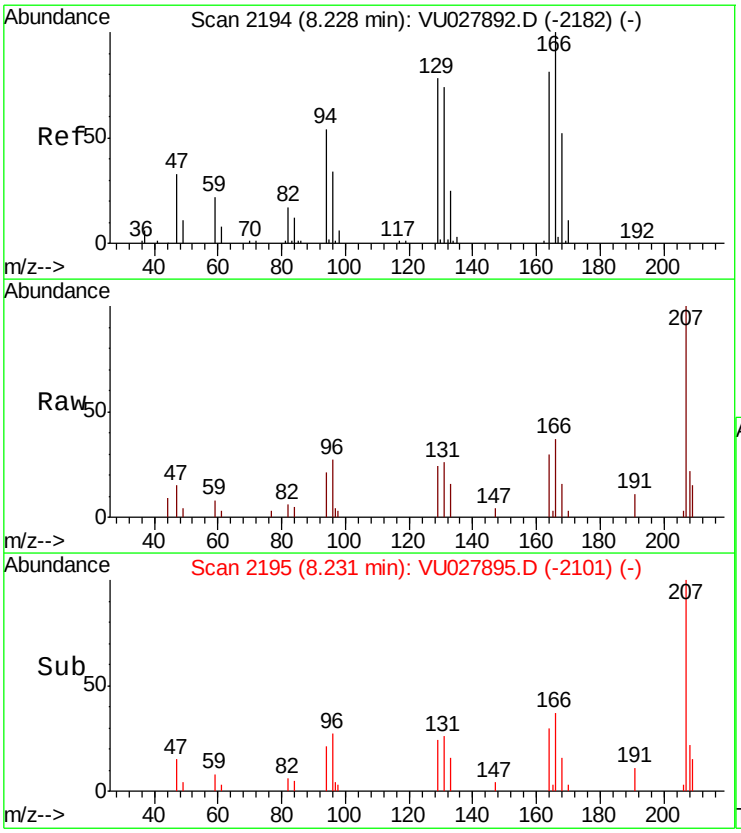
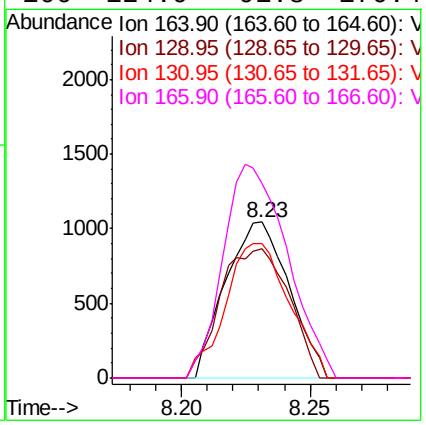
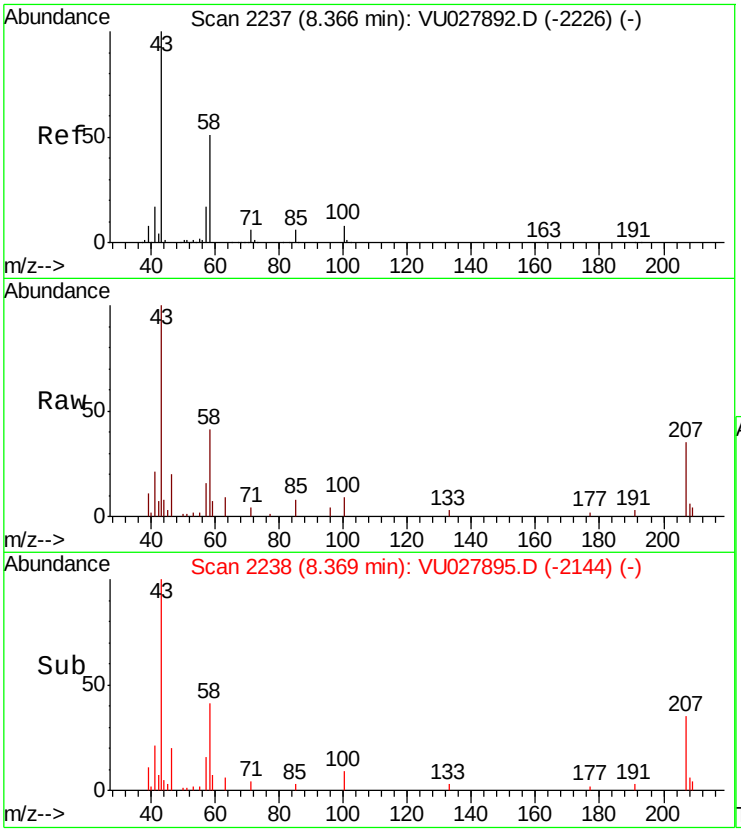


#47
Tetrachloroethene
Concen: 0.367 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:164 Resp: 1802

Ion	Ratio	Lower	Upper
164	100		
129	82.7	64.9	120.5
131	86.6	64.3	119.5
166	124.9	91.8	170.4

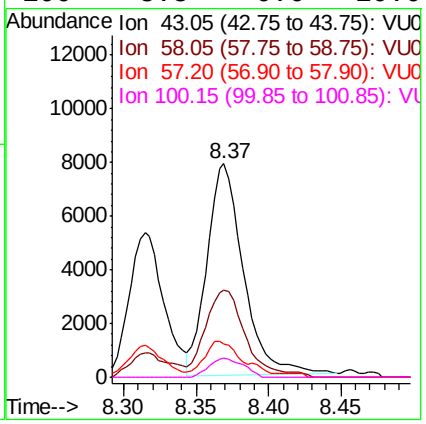




#48
2-Hexanone
Concen: 3.868 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 43 Resp: 13791

Ion	Ratio	Lower	Upper
43	100		
58	45.1	38.9	58.3
57	17.8	13.3	19.9
100	8.3	6.6	10.0



Instrument :
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ClientSampleId :
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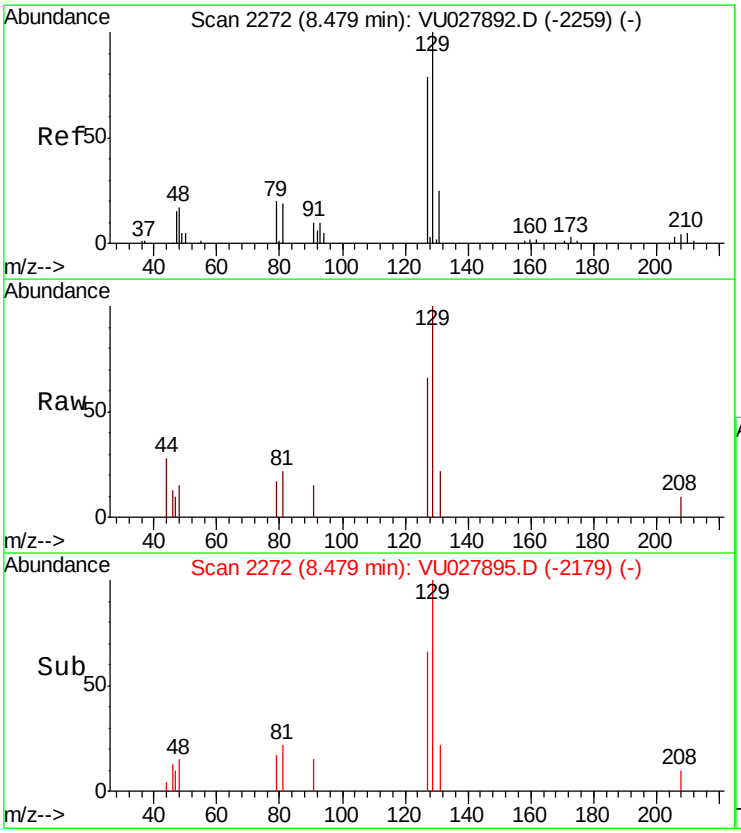
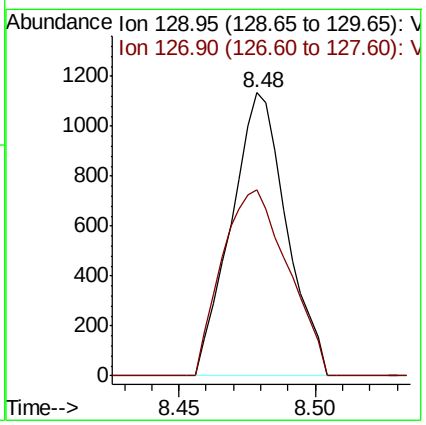
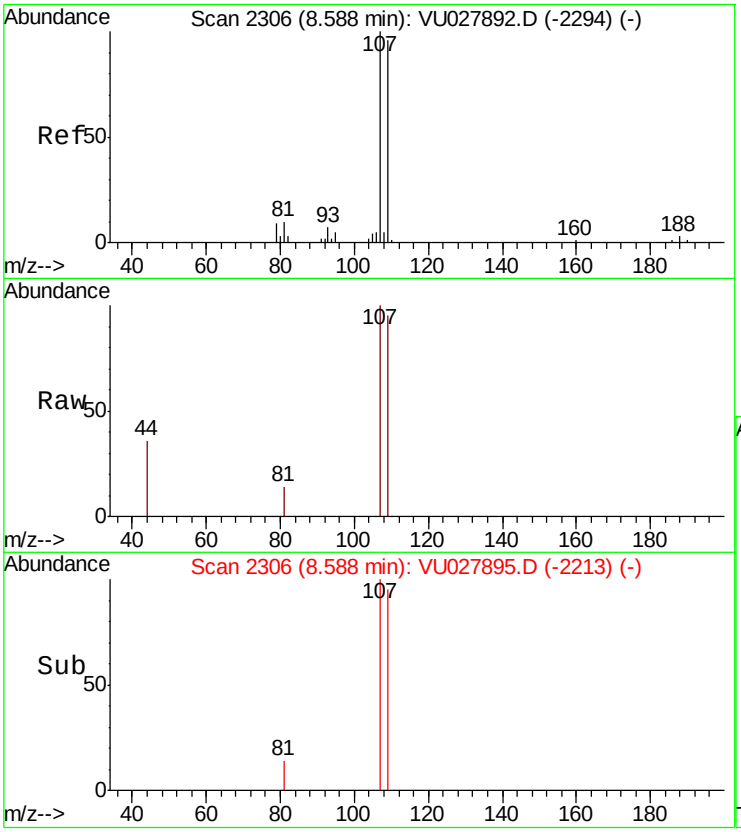


#49
Dibromochloromethane
Concen: 0.307 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:129 Resp: 1598

Ion	Ratio	Lower	Upper
129	100		
127	65.6	54.5	101.1





#50
1,2-Dibromoethane
Concen: 0.332 ug/L
RT: 8.59 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:107 Resp: 1368

Ion	Ratio	Lower	Upper
107	100		
109	95.4	68.0	126.4
188	0.0	2.7	4.1#

Instrument :
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ClientSampleId :
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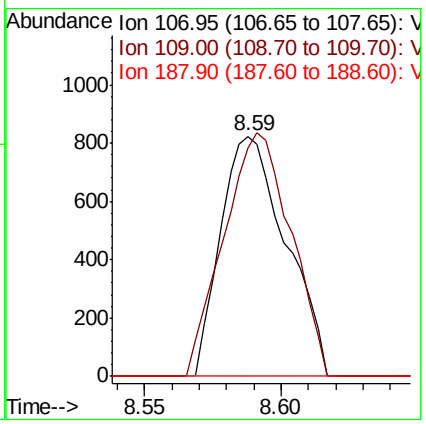
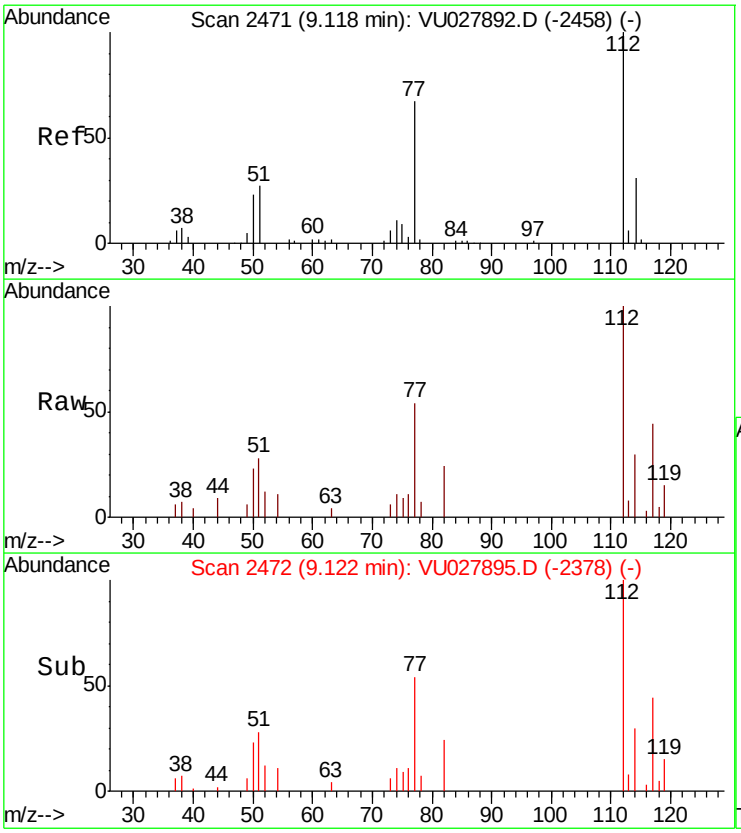
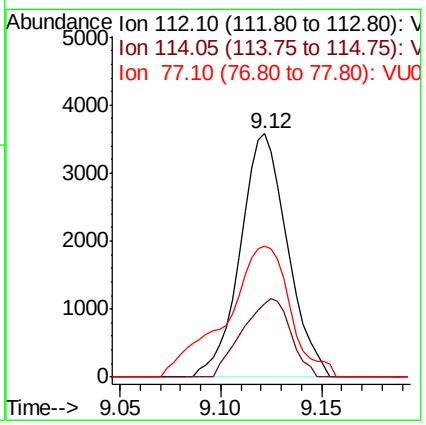


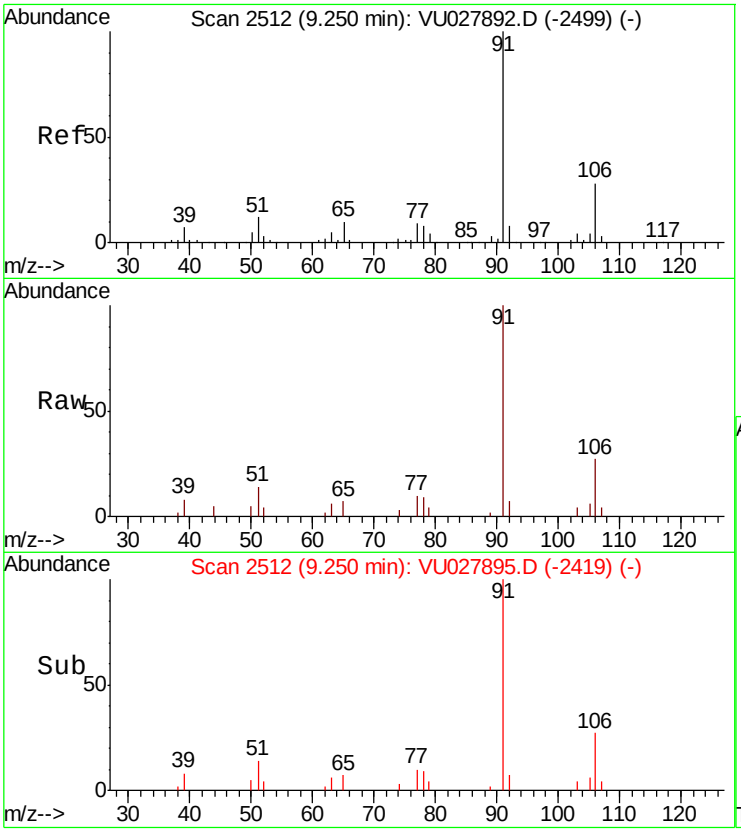


#51
Chlorobenzene
Concen: 0.368 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:112 Resp: 5868

Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.0	41.0
77	54.0	54.3	81.5#

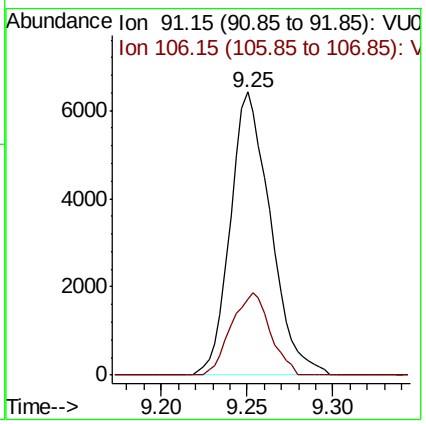




#52
Ethylbenzene
Concen: 0.356 ug/L
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 91 Resp: 10429

Ion	Ratio	Lower	Upper
91	100		
106	26.7	21.5	39.9



Instrument :
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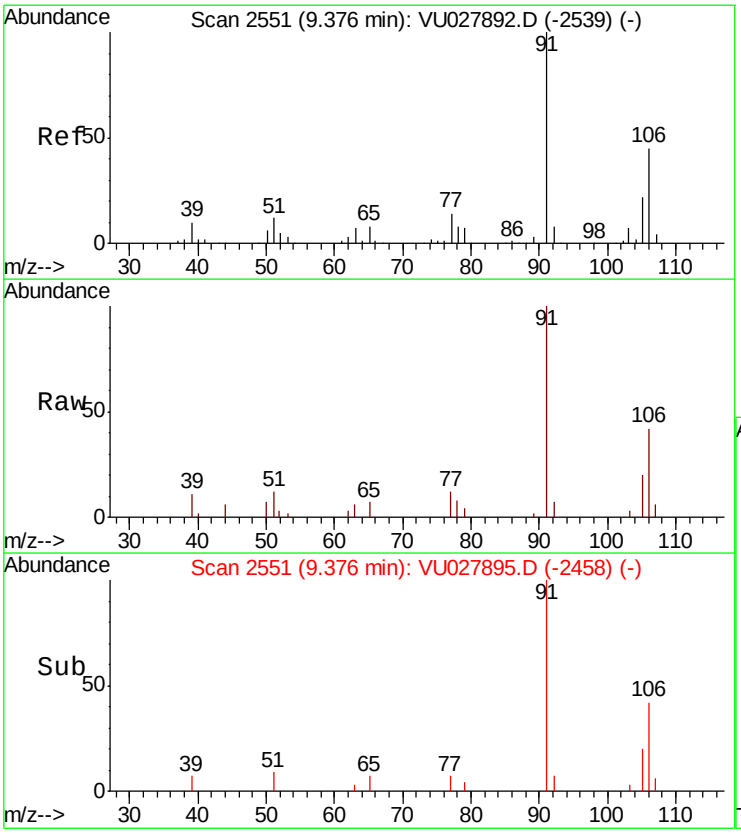
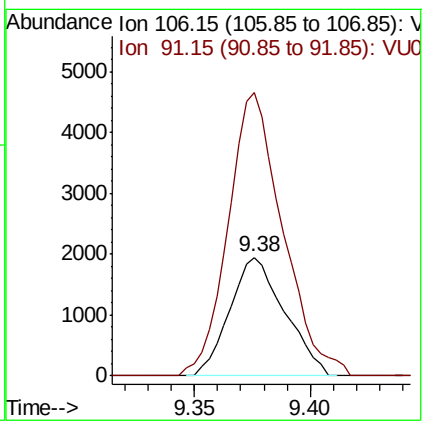
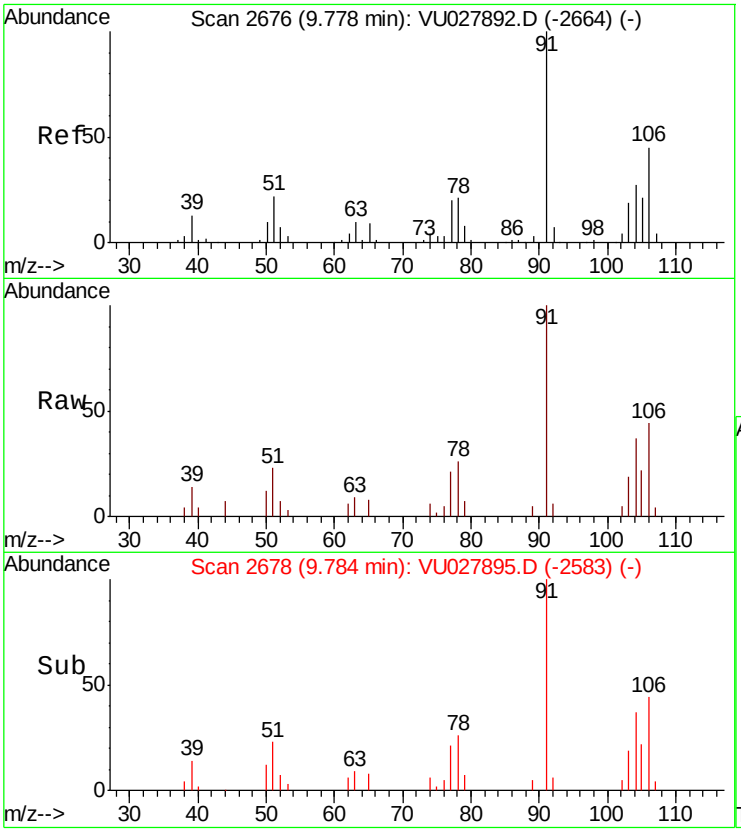


#53
m,p-xylene
Concen: 0.300 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:106 Resp: 3191

Ion	Ratio	Lower	Upper
106	100		
91	238.6	148.7	276.1

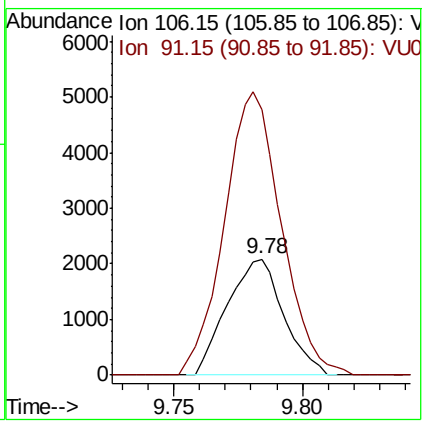




#54
o-xylene
Concen: 0.304 ug/L
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:106 Resp: 3177

Ion	Ratio	Lower	Upper
106	100		
91	228.4	158.3	293.9



Instrument :
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ClientSampleId :
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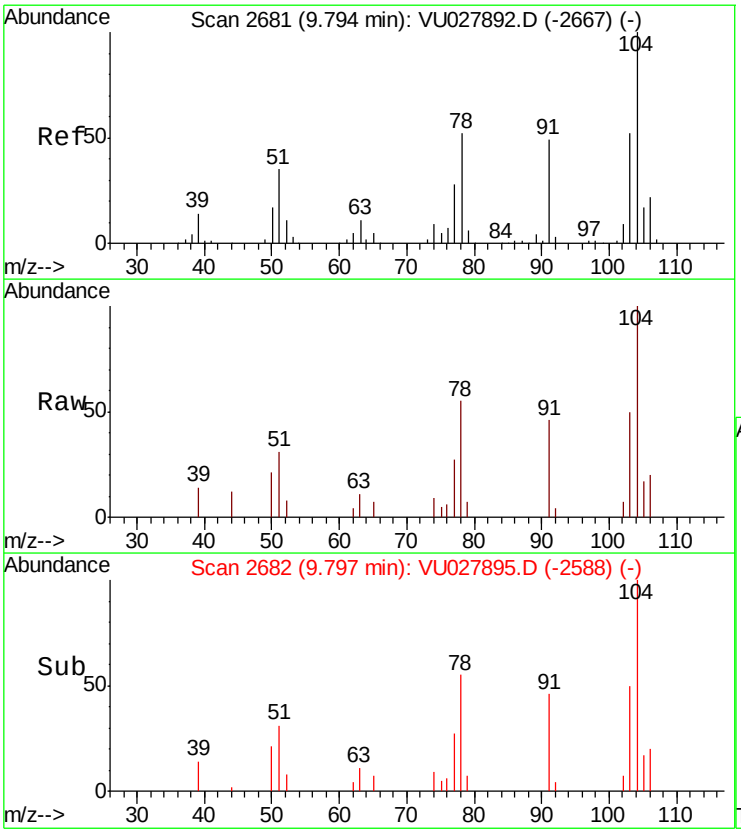
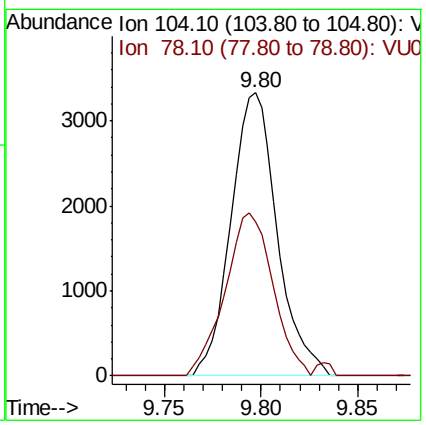
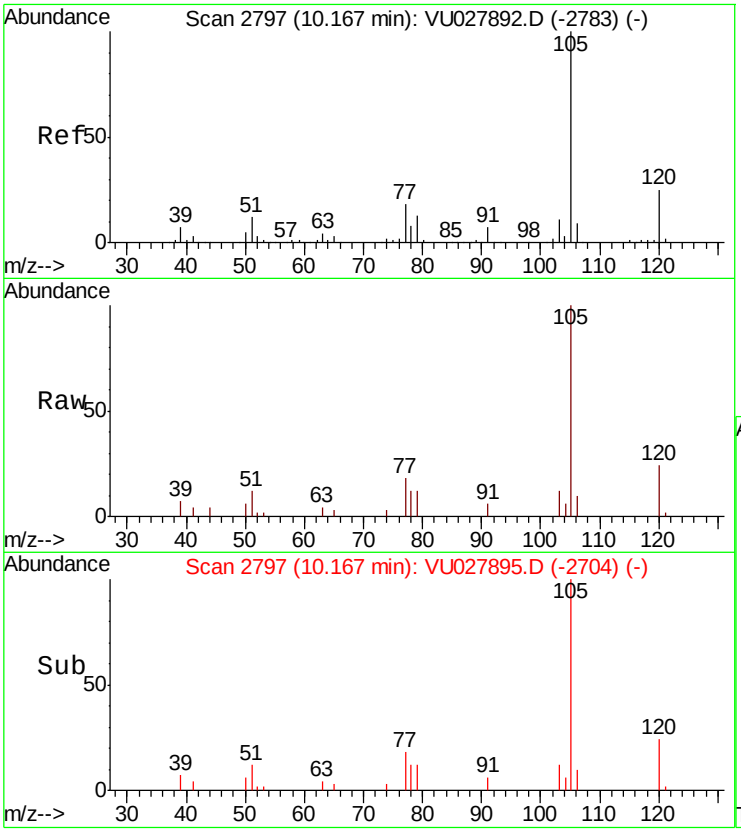


#55
Styrene
Concen: 0.317 ug/L
RT: 9.80 min Scan# 2682
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:104 Resp: 5545

Ion	Ratio	Lower	Upper
104	100		
78	54.5	35.6	66.0

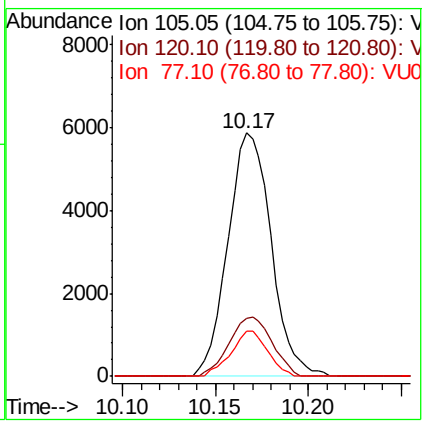




#56
Isopropylbenzene
Concen: 0.335 ug/L
RT: 10.17 min Scan# 2797
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:105 Resp: 9516

Ion	Ratio	Lower	Upper
105	100		
120	24.1	20.2	30.2
77	15.6	13.4	20.2



Instrument :
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ClientSampleId :
MDL02

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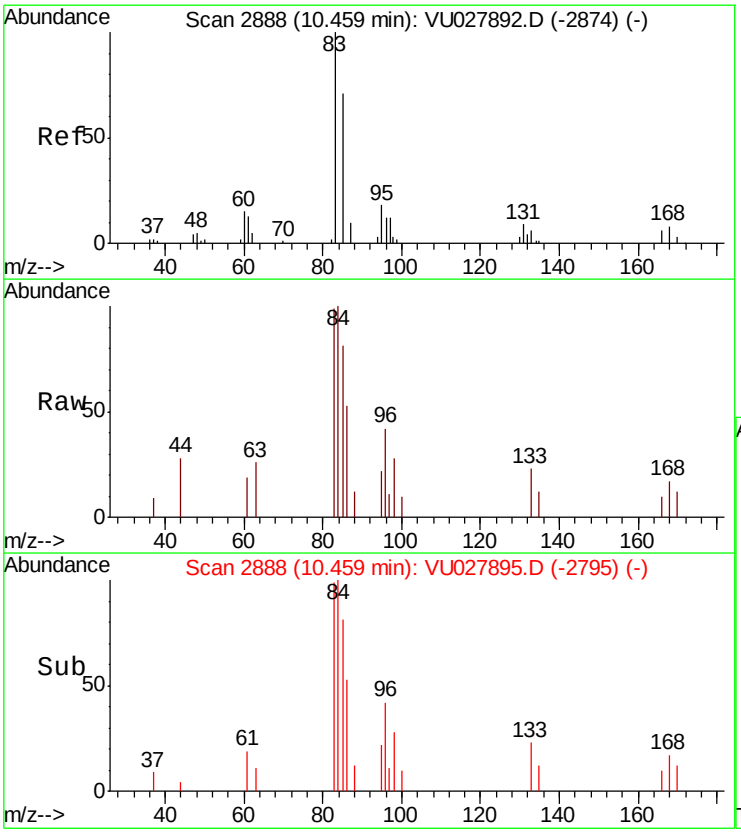
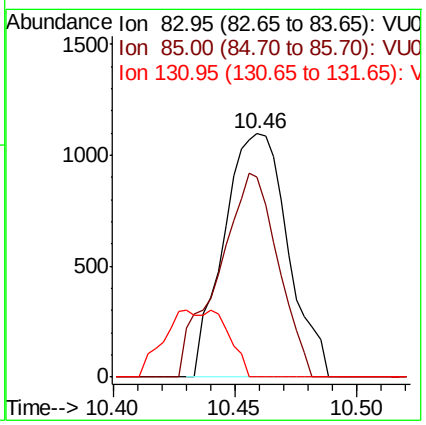
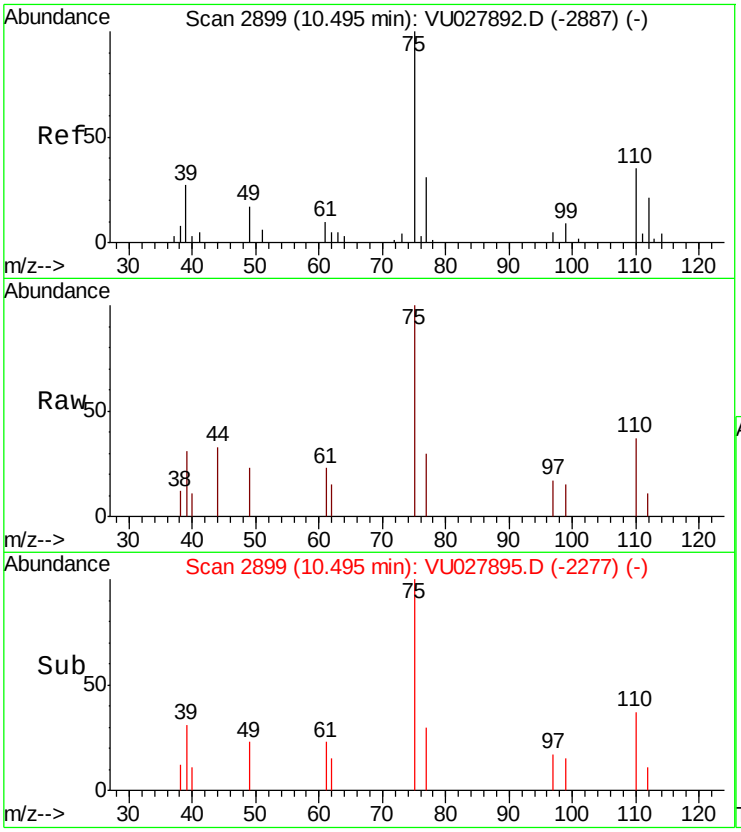


#58
1,1,2,2-Tetrachloroethane
Concen: 0.356 ug/L
RT: 10.46 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 83 Resp: 1998

Ion	Ratio	Lower	Upper
83	100		
85	82.3	44.4	82.4
131	0.0	6.8	10.2#





#59
1,2,3-Trichloropropane
Concen: 0.342 ug/L m
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 75 Resp: 1451

Ion	Ratio	Lower	Upper
75	100		
77	133.4	25.8	38.6#

Instrument :
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ClientSampleId :
MDL02

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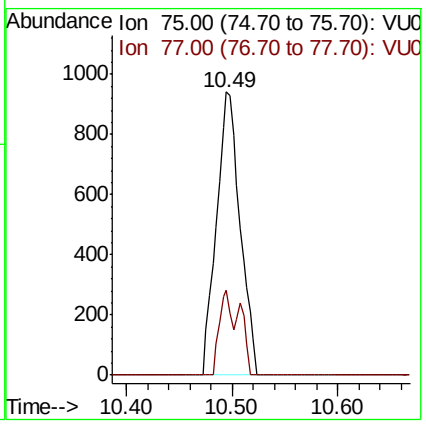
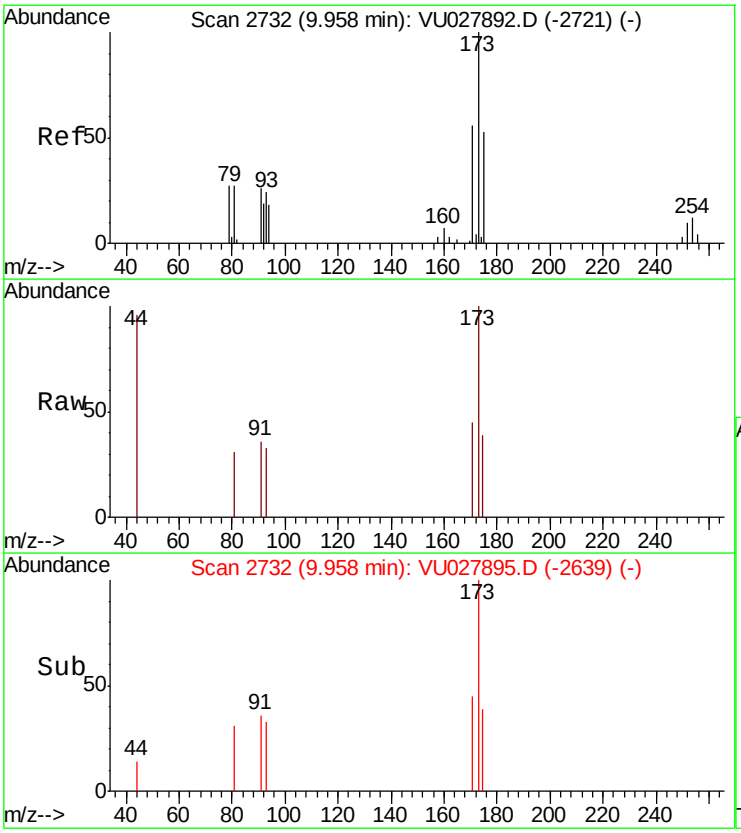
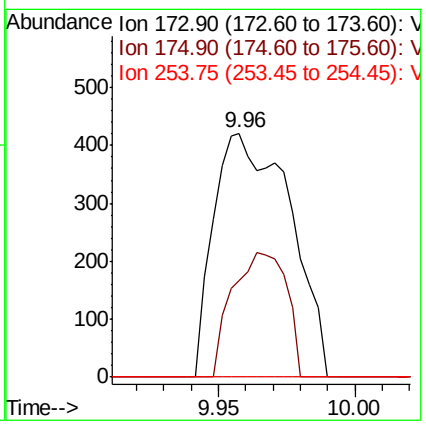


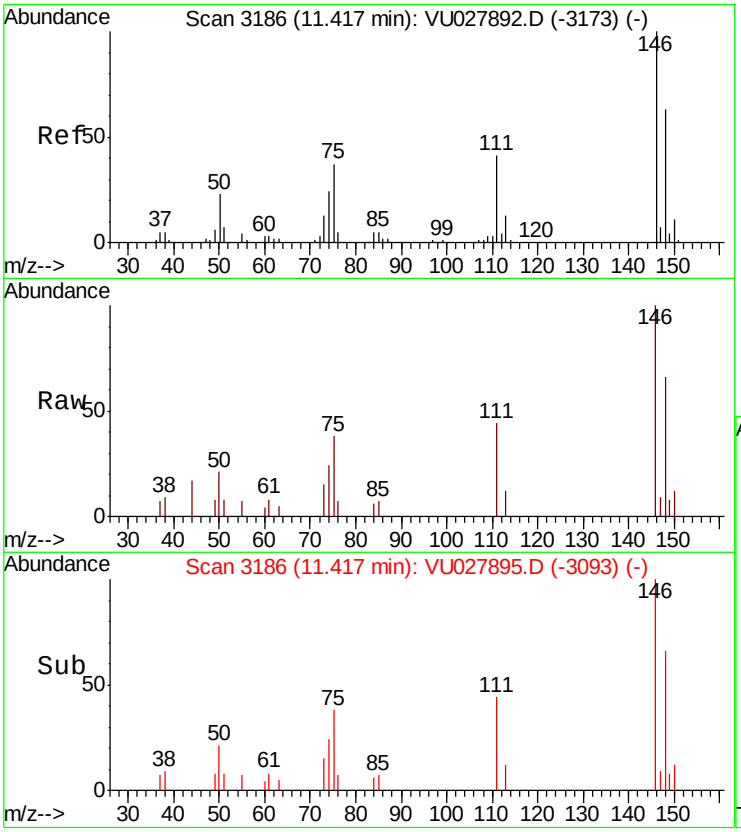


#61
Bromoform
Concen: 0.309 ug/L
RT: 9.96 min Scan# 2732
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:173 Resp: 818

Ion	Ratio	Lower	Upper
173	100		
175	36.2	38.3	57.5#
254	0.0	7.8	11.6#

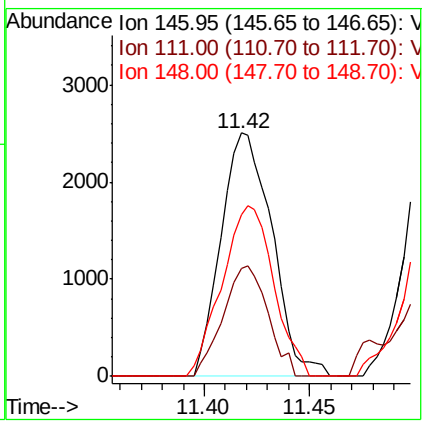




#62
1,3-Dichlorobenzene
Concen: 0.362 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:146 Resp: 4200

Ion	Ratio	Lower	Upper
146	100		
111	44.3	27.4	51.0
148	66.3	42.6	79.0



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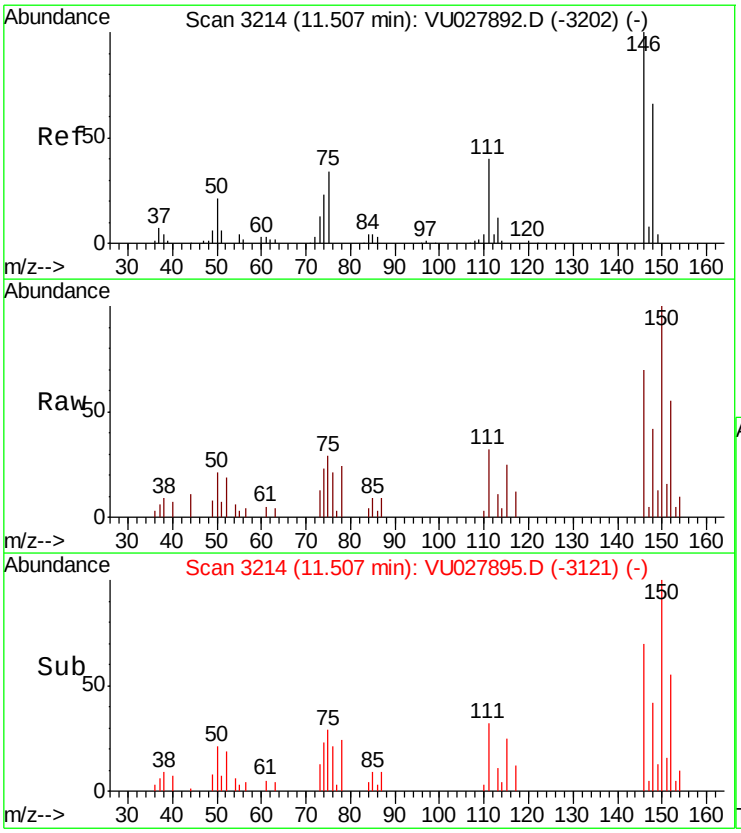
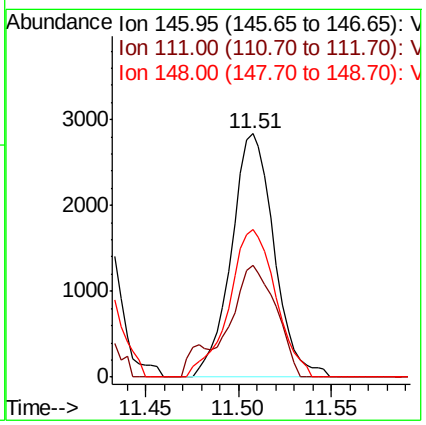
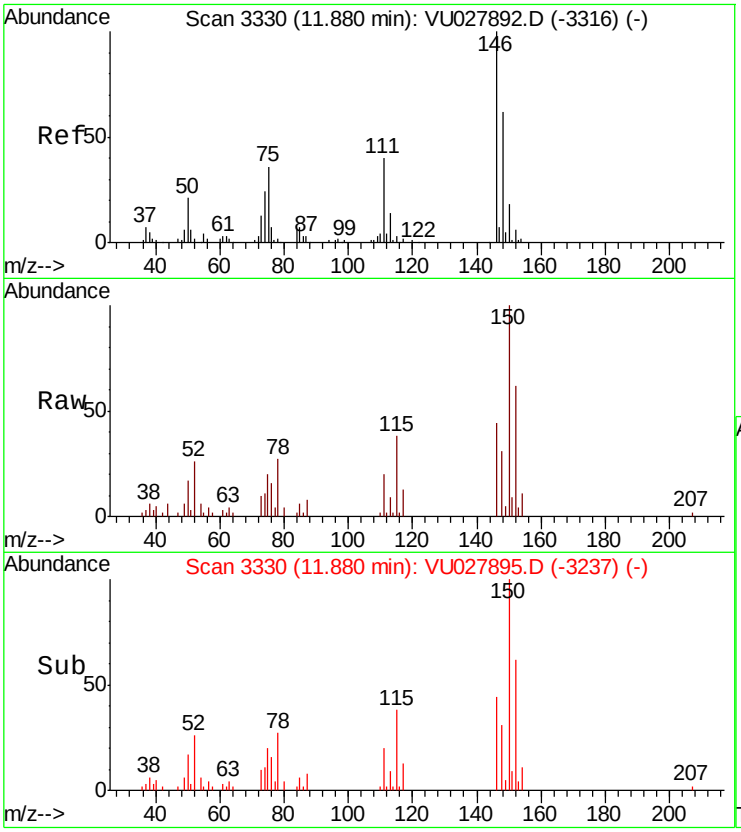


#63
1,4-Dichlorobenzene
Concen: 0.391 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:146 Resp: 4532

Ion	Ratio	Lower	Upper
146	100		
111	45.8	27.4	51.0
148	60.4	43.1	80.1





#65
1,2-Dichlorobenzene
Concen: 0.386 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:146 Resp: 4230

Ion	Ratio	Lower	Upper
146	100		
111	44.8	33.0	49.4
148	71.7	49.2	73.8

Instrument :
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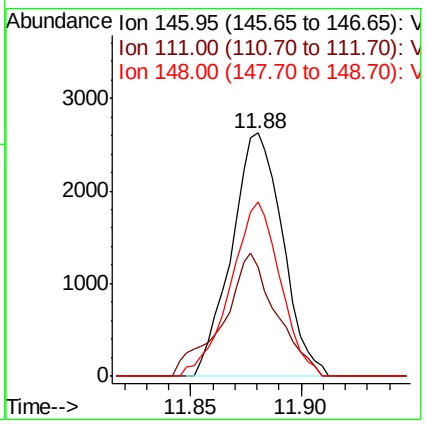
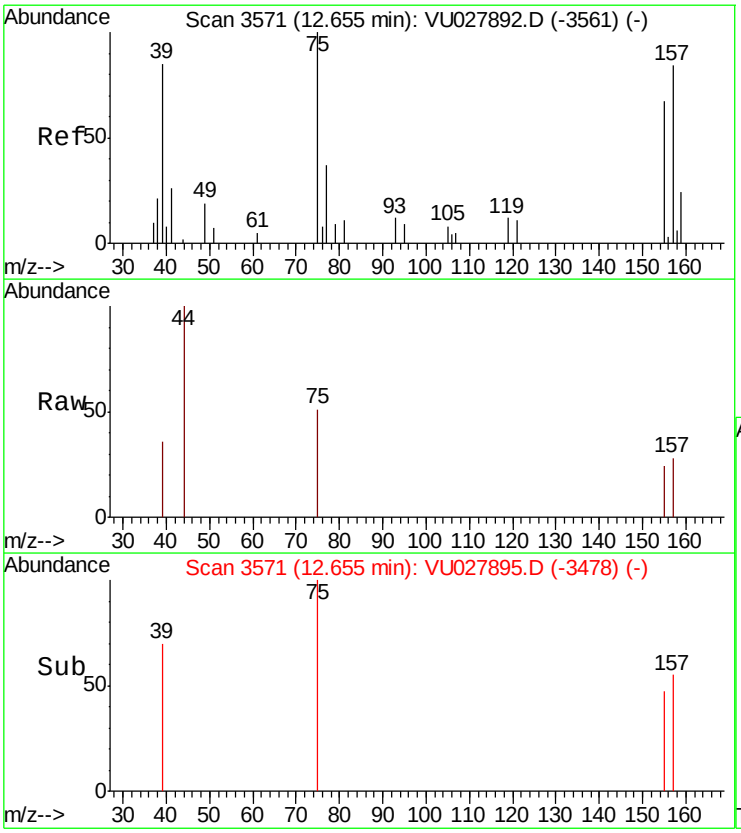
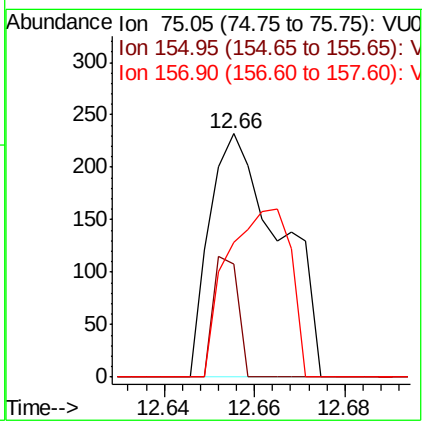


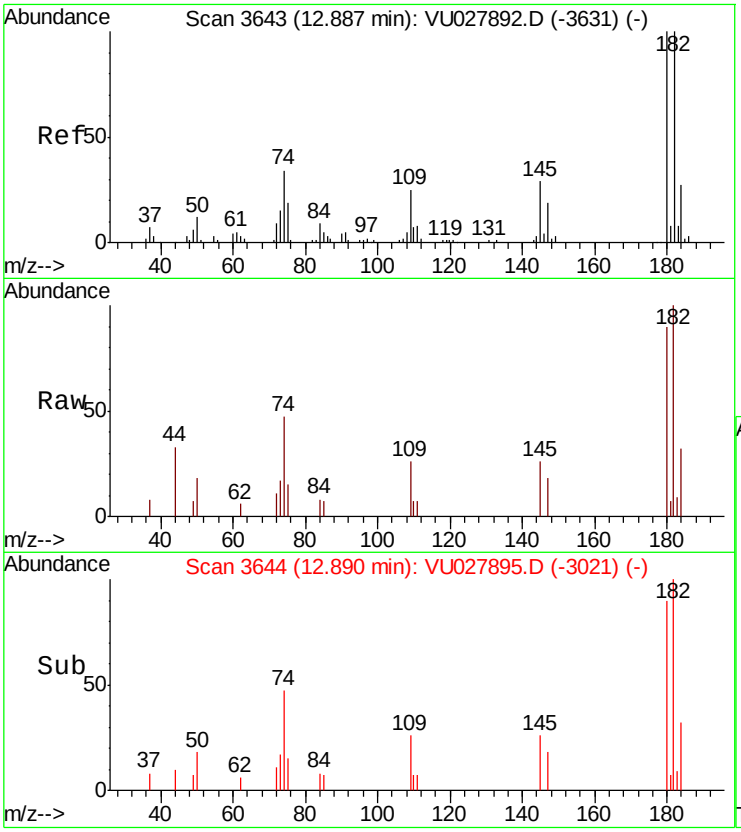


#66
1,2-Dibromo-3-chloropropane
Concen: 0.293 ug/L m
RT: 12.66 min Scan# 3571
Delta R.T. -0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion: 75 Resp: 251

Ion	Ratio	Lower	Upper
75	100		
155	46.6	58.6	87.8#
157	55.2	66.7	100.1#

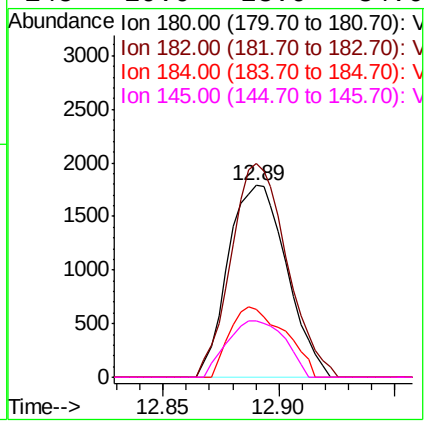




#67
1,3,5-Trichlorobenzene
Concen: 0.336 ug/L
RT: 12.89 min Scan# 3644
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:180 Resp: 3135

Ion	Ratio	Lower	Upper
180	100		
182	106.1	77.3	115.9
184	34.6	24.6	37.0
145	29.0	23.0	34.6



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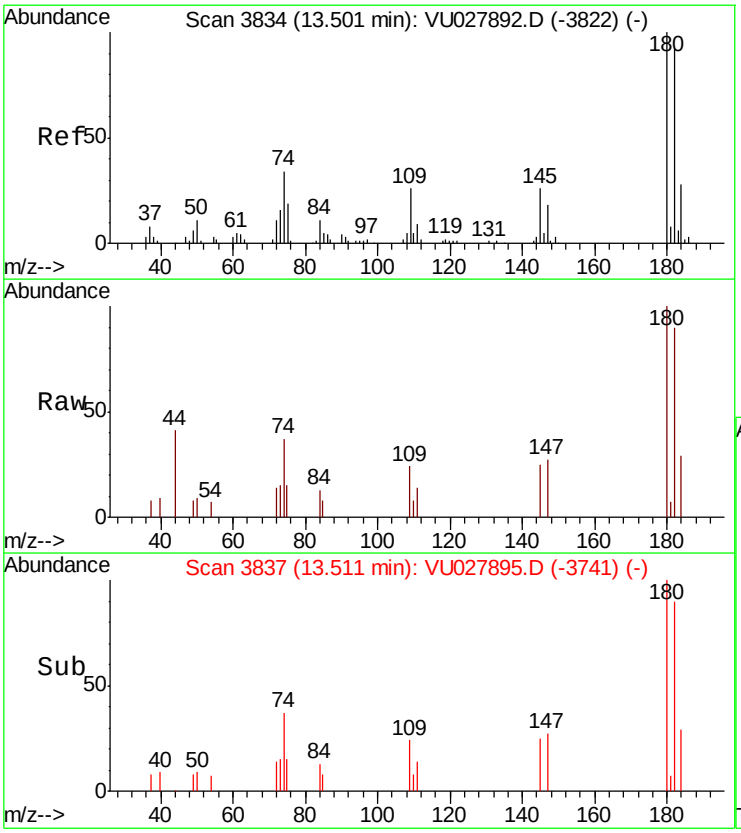
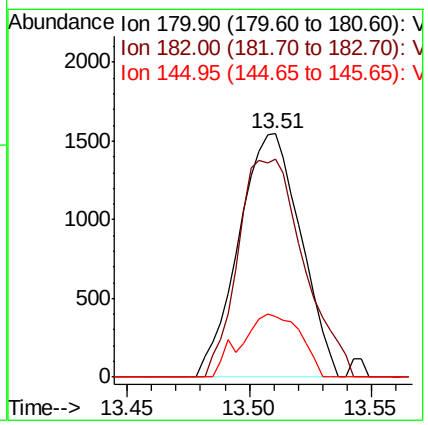
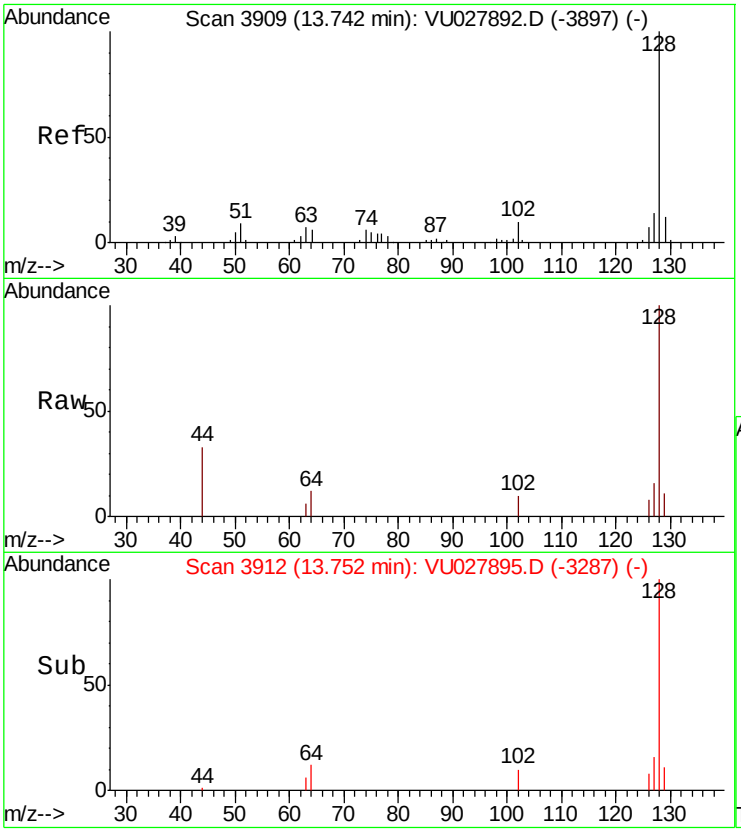


#68
1,2,4-trichlorobenzene
Concen: 0.344 ug/L
RT: 13.51 min Scan# 3837
Delta R.T. 0.01 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:180 Resp: 2726

Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.8	116.6
145	24.9	22.9	34.3





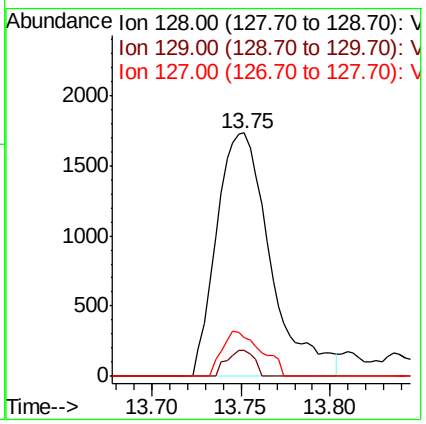
#69
Naphthalene
Concen: 0.295 ug/L
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

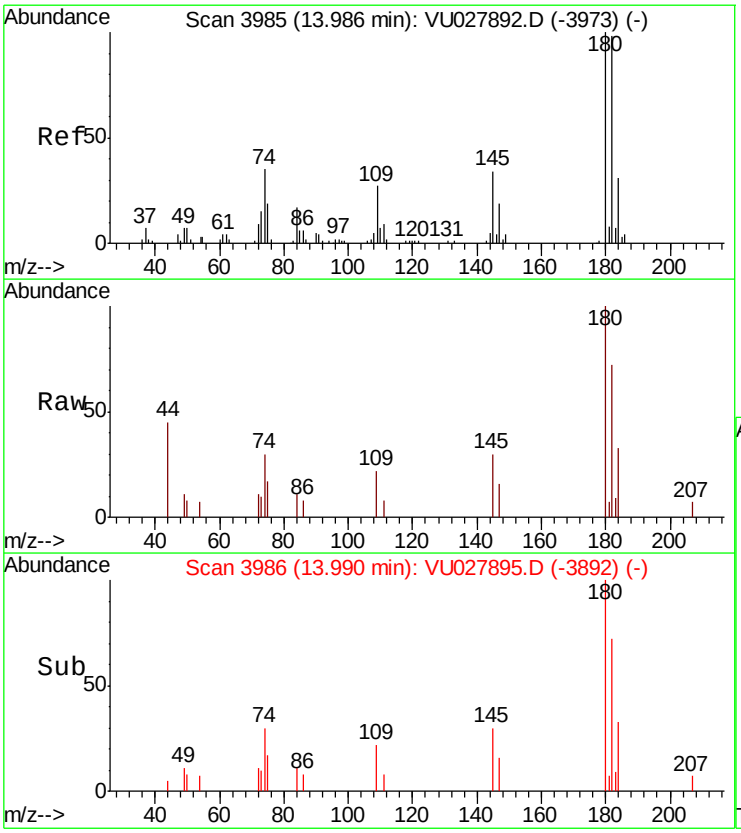
Tgt Ion:128 Resp: 3634

Ion	Ratio	Lower	Upper
128	100		
129	5.4	8.6	12.8#
127	13.4	10.5	15.7

Instrument :
MSVOA_U
ClientSampleId :
MDL02

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:22 PM





#70
1,2,3-Trichlorobenzene
Concen: 0.375 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027895.D
Acq: 01 Nov 2018 11:36

Tgt Ion:180 Resp: 2711

Ion	Ratio	Lower	Upper
180	100		
182	86.5	79.4	119.0
145	26.6	25.4	38.0