Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027900.D
Acq On : 01 Nov 2018 13:35
Operator : MD/SY
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual Integrations APPROVED
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11/5/2018 4:10:26 PM

Quant Time: Nov 02 07:46:56 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	78795	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	77130	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37938	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23663	3.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.80%			
7) Chloroethane-d5	1.68	69	19479	4.10	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.00%			
11) 1,1-Dichloroethene-d2	2.28	63	38203	3.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.40%			
20) 2-Butanone-d5	4.20	46	86978	47.36	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.72%			
24) Chloroform-d	4.65	84	45333	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.80%			
26) 1,2-Dichloroethane-d4	5.31	65	30684	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.34	84	88931	4.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.20%			
36) 1,2-Dichloropropane-d6	6.33	67	31914	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.40%			
41) Toluene-d8	7.57	98	81840	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
43) trans-1,3-Dichloropropene-	7.85	79	11744	4.06	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.20%			
46) 2-Hexanone-d5	8.31	63	68796	43.46	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.92%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23194	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	31479	4.34	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2463	0.318	ug/L	95
3) Chloromethane	1.33	50	2261	0.294	ug/L	96
5) Vinyl chloride	1.40	62	2511	0.328	ug/L	87
6) Bromomethane	1.63	94	821	0.326	ug/L	89
8) Chloroethane	1.70	64	1719	0.383	ug/L #	82
9) Trichlorofluoromethane	1.89	101	3259	0.320	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	1714	0.330	ug/L #	85
12) 1,1-Dichloroethene	2.29	96	1520	0.311	ug/L #	1
13) Acetone	2.32	43	4245	3.667	ug/L	88
14) Carbon disulfide	2.48	76	4311	0.247	ug/L	98
15) Methyl Acetate	2.62	43	1234m	0.398	ug/L	
16) Methylene chloride	2.70	84	1919	0.349	ug/L	87
17) Methyl tert-butyl Ether	3.00	73	3817	0.262	ug/L #	77
18) trans-1,2-Dichloroethene	2.99	96	1547	0.297	ug/L	88
19) 1,1-Dichloroethane	3.45	63	3168	0.288	ug/L	96
21) 2-Butanone	4.29	43	6125	3.043	ug/L	89
22) cis-1,2-Dichloroethene	4.22	96	1625	0.270	ug/L	73

Quantitation Report (QT Reviewed)

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Data File : VU027900.D
Acq On : 01 Nov 2018 13:35
Operator : MD/SY
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 02 07:46:56 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

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.55	128	671	0.269 ug/L	#	74
25) Chloroform	4.68	83	7525	0.676 ug/L		98
27) 1,2-Dichloroethane	5.41	62	2257	0.290 ug/L	#	78
29) 1,1,1-Trichloroethane	4.92	97	2768	0.278 ug/L		95
30) Cyclohexane	4.99	56	3172	0.271 ug/L		96
31) Carbon tetrachloride	5.13	117	2439	0.286 ug/L		91
33) Benzene	5.40	78	6837	0.280 ug/L		100
34) Trichloroethene	6.19	95	1785	0.281 ug/L		93
35) Methylcyclohexane	6.41	83	3054	0.282 ug/L		92
37) 1,2-Dichloropropane	6.43	63	1893	0.272 ug/L	#	90
38) Bromodichloromethane	6.77	83	2164	0.266 ug/L	#	92
39) cis-1,3-Dichloropropene	7.27	75	2698	0.271 ug/L		99
40) 4-Methyl-2-pentanone	7.47	43	13875	2.822 ug/L	#	89
42) Toluene	7.64	91	7435	0.291 ug/L		97
44) trans-1,3-Dichloropropene	7.88	75	2320	0.271 ug/L		99
45) 1,1,2-Trichloroethane	8.08	97	1183	0.276 ug/L		88
47) Tetrachloroethene	8.23	164	1457	0.298 ug/L		83
48) 2-Hexanone	8.37	43	11102	3.133 ug/L		96
49) Dibromochloromethane	8.48	129	1276	0.247 ug/L		88
50) 1,2-Dibromoethane	8.59	107	1044	0.255 ug/L	#	74
51) Chlorobenzene	9.12	112	4986	0.315 ug/L		86
52) Ethylbenzene	9.25	91	7982	0.274 ug/L		88
53) m,p-xylene	9.38	106	2880	0.273 ug/L		84
54) o-xylene	9.78	106	2675	0.258 ug/L		74
55) Styrene	9.79	104	4653	0.267 ug/L		95
56) Isopropylbenzene	10.17	105	7803	0.276 ug/L		92
58) 1,1,2,2-Tetrachloroethane	10.46	83	1668	0.299 ug/L	#	94
59) 1,2,3-Trichloropropane	10.49	75	1027m	0.244 ug/L		
61) Bromoform	9.96	173	639	0.229 ug/L	#	74
62) 1,3-Dichlorobenzene	11.42	146	3482	0.285 ug/L		95
63) 1,4-Dichlorobenzene	11.51	146	3573	0.293 ug/L		95
65) 1,2-Dichlorobenzene	11.88	146	3232	0.281 ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.65	75	182	0.202 ug/L	#	42
67) 1,3,5-Trichlorobenzene	12.88	180	2701	0.275 ug/L		92
68) 1,2,4-trichlorobenzene	13.51	180	2234	0.268 ug/L	#	91
69) Naphthalene	13.75	128	2451	0.189 ug/L	#	89
70) 1,2,3-Trichlorobenzene	13.99	180	1949	0.256 ug/L		96

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

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Instrument :
MSVOA_U
ClientSampleId :
MDL07

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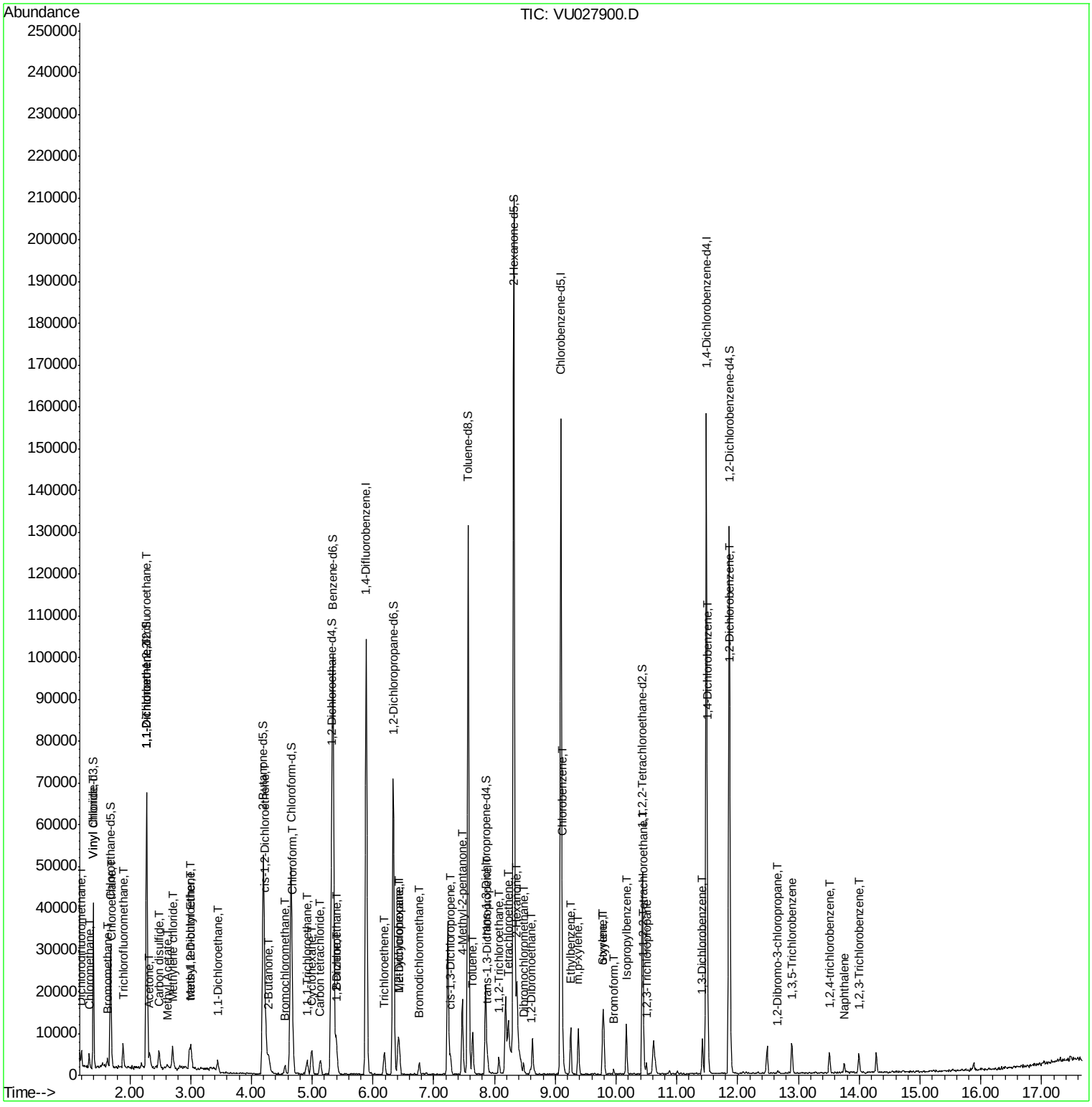
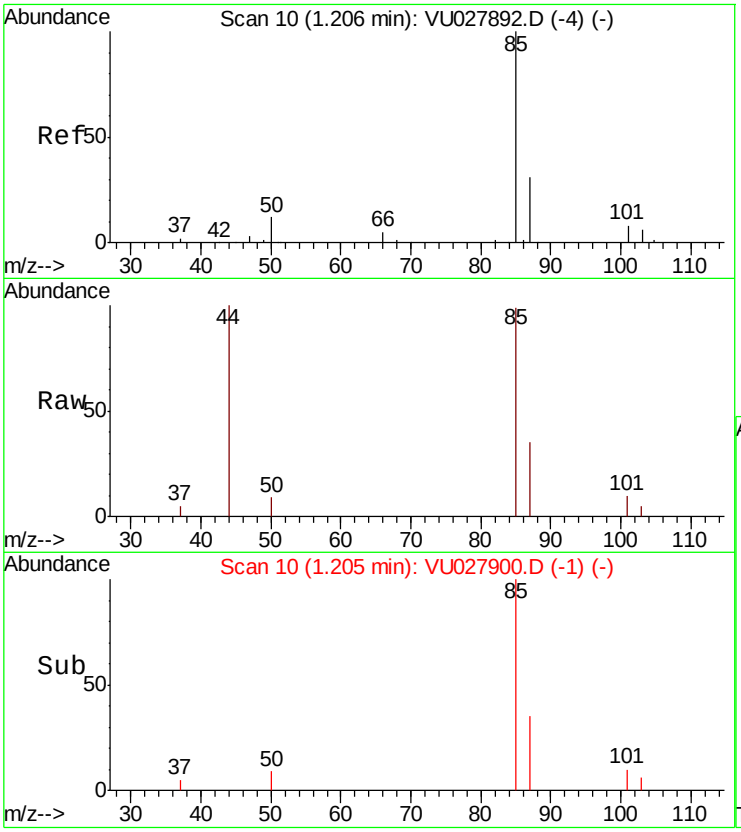
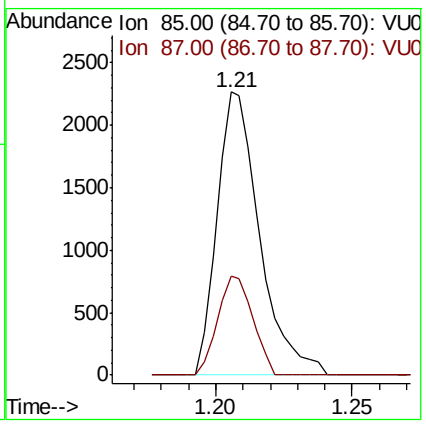




#2
Dichlorodifluoromethane
Concen: 0.318 ug/L
RT: 1.21 min Scan# 10
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 85 Resp: 2463

Ion	Ratio	Lower	Upper
85	100		
87	28.9	25.2	37.8



Instrument :
MSVOA_U
ClientSampleId :
MDL07

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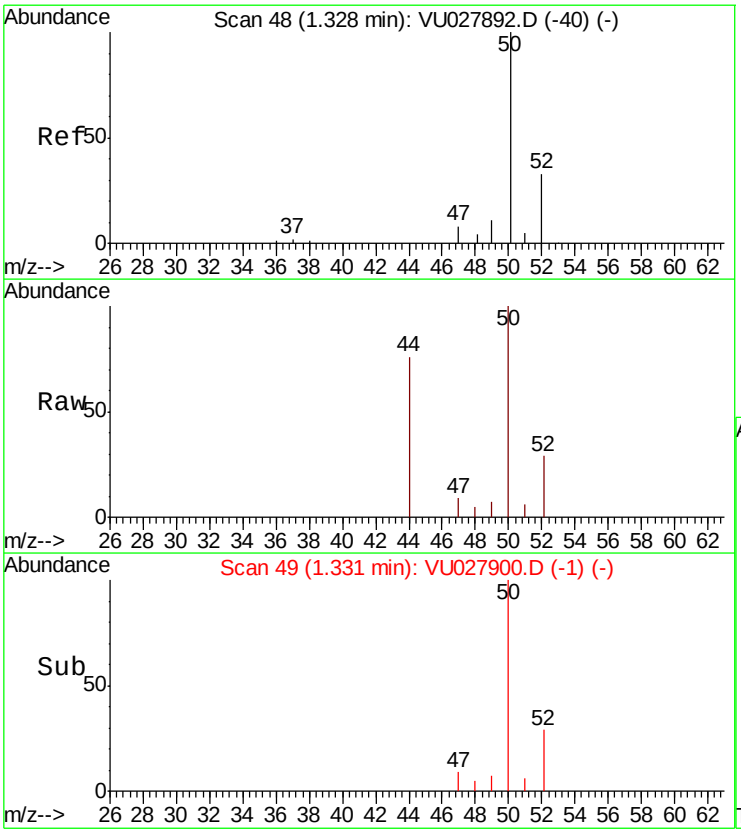
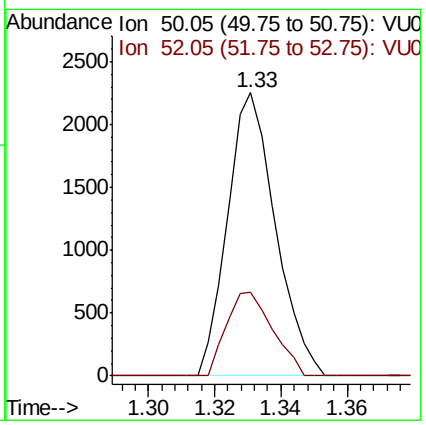
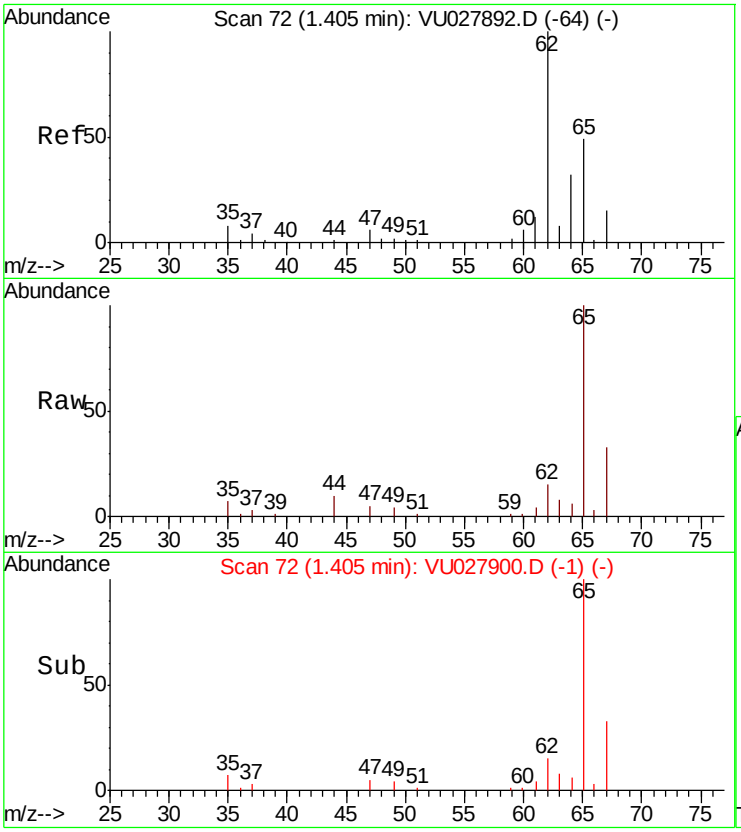


#3
Chloromethane
Concen: 0.294 ug/L
RT: 1.33 min Scan# 49
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 50 Resp: 2261

Ion	Ratio	Lower	Upper
50	100		
52	29.5	22.3	41.5

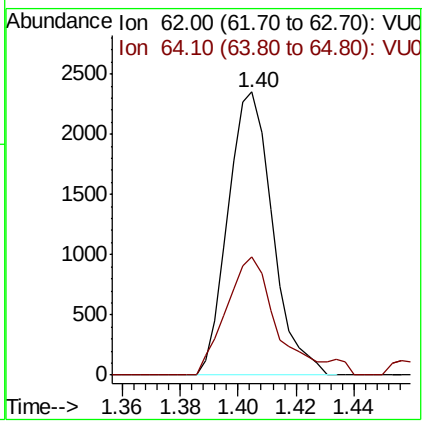




#5
Vinyl chloride
Concen: 0.328 ug/L
RT: 1.40 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 62 Resp: 2511

Ion	Ratio	Lower	Upper
62	100		
64	41.7	24.0	44.6



Instrument :
MSVOA_U
ClientSampleId :
MDL07

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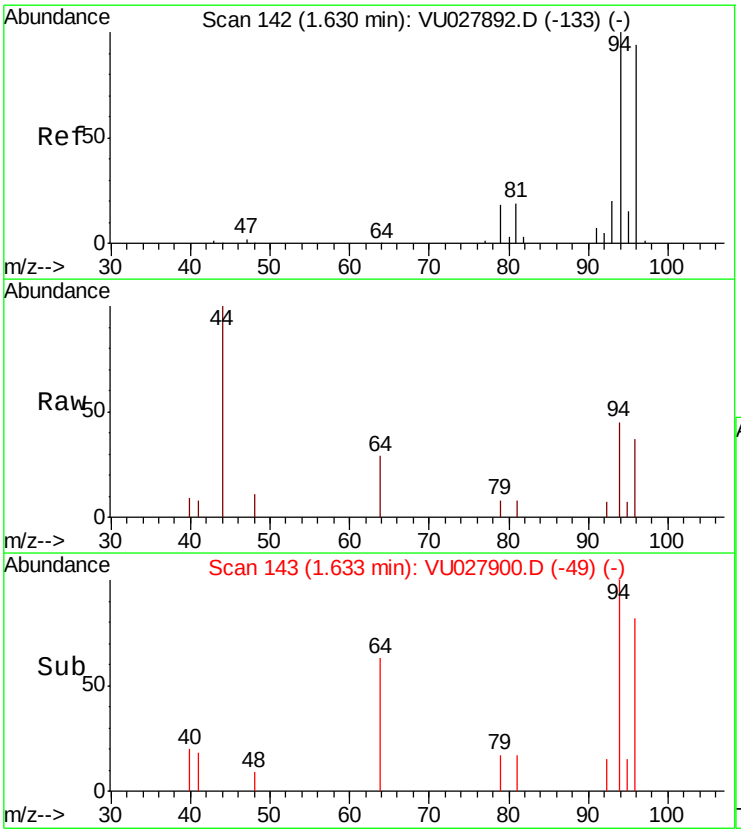
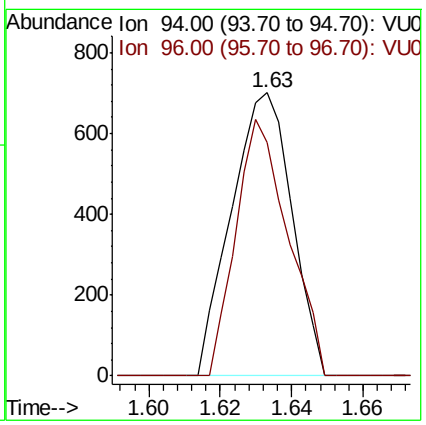
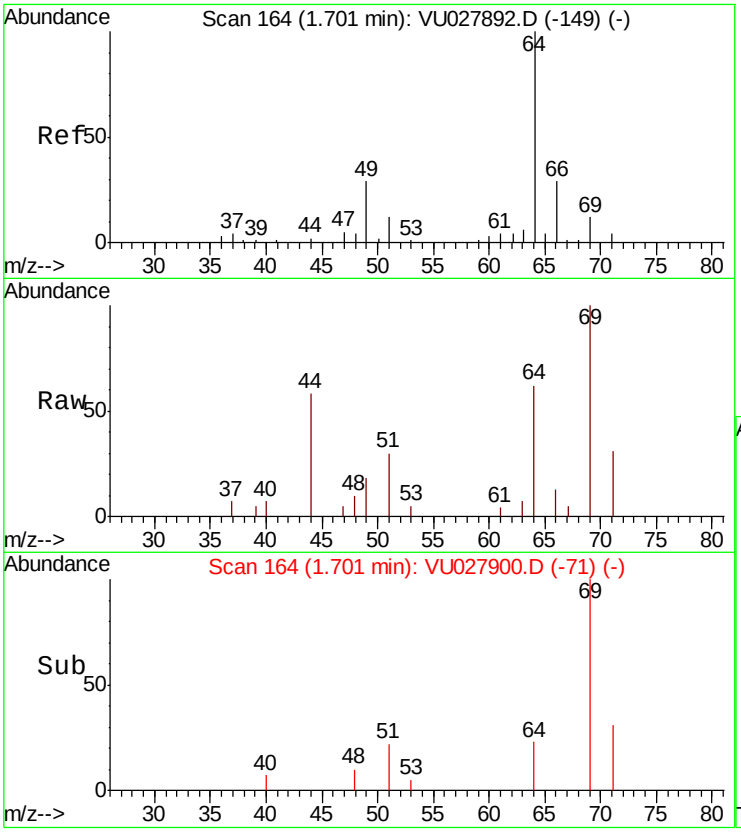


#6
Bromomethane
Concen: 0.326 ug/L
RT: 1.63 min Scan# 143
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 94 Resp: 821

Ion	Ratio	Lower	Upper
94	100		
96	82.5	65.0	120.6

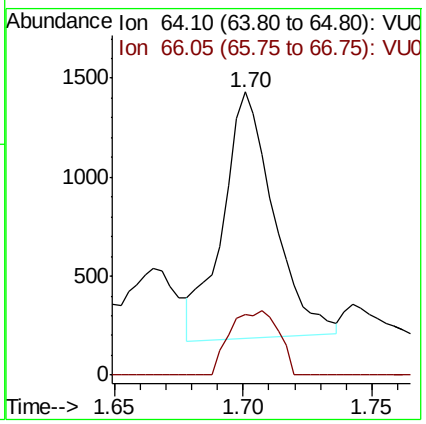




#8
Chloroethane
Concen: 0.383 ug/L
RT: 1.70 min Scan# 164
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 64 Resp: 1719

Ion	Ratio	Lower	Upper
64	100		
66	21.4	21.8	40.6#



Instrument :
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ClientSampleId :
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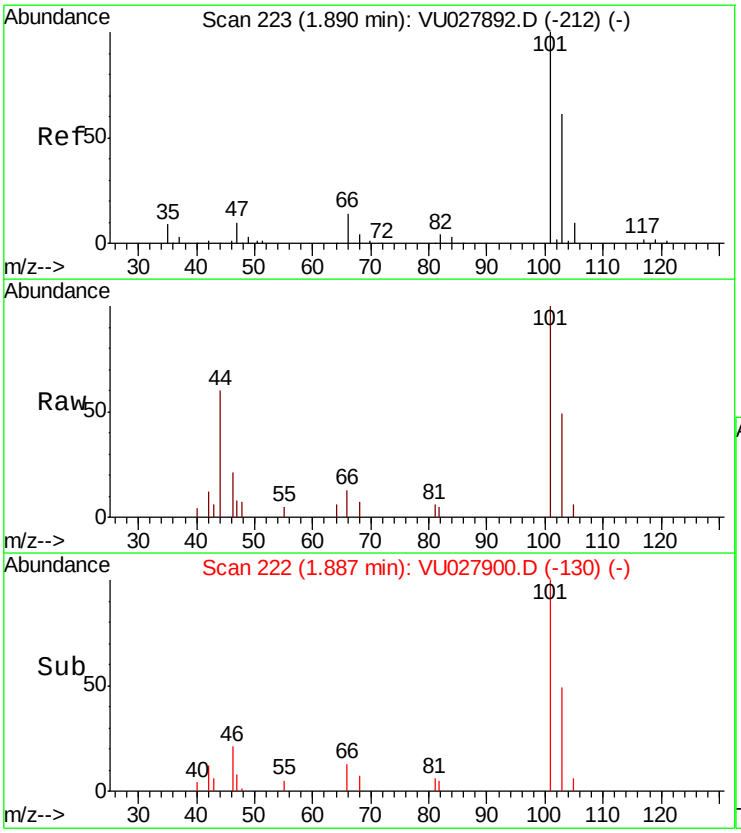
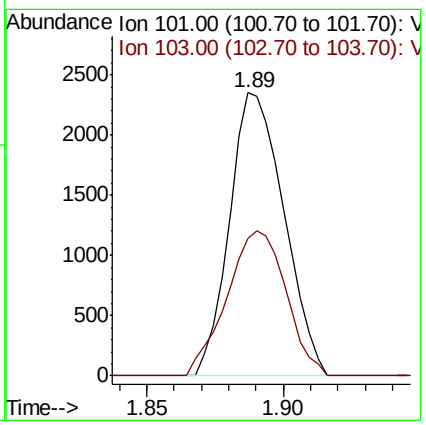
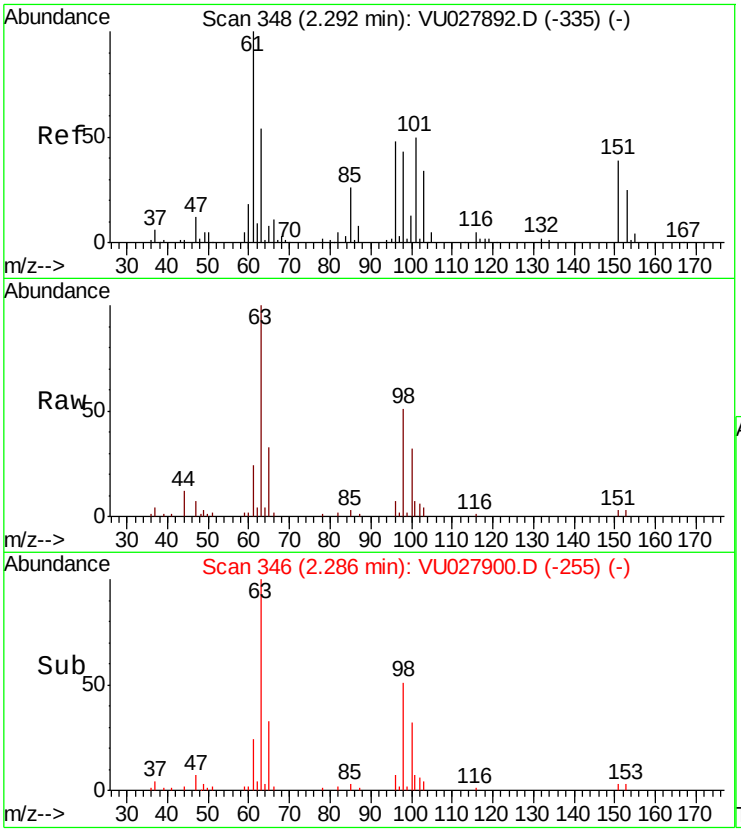


#9
Trichlorofluoromethane
Concen: 0.320 ug/L
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:101 Resp: 3259

Ion	Ratio	Lower	Upper
101	100		
103	55.4	51.4	77.0





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.330 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:101 Resp: 1714

Ion	Ratio	Lower	Upper
101	100		
85	47.0	37.1	55.7
151	54.6	59.9	89.9#

Instrument :
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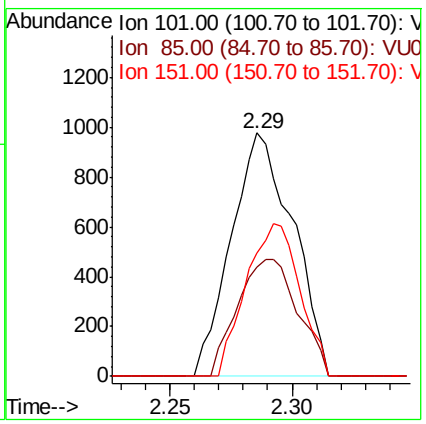
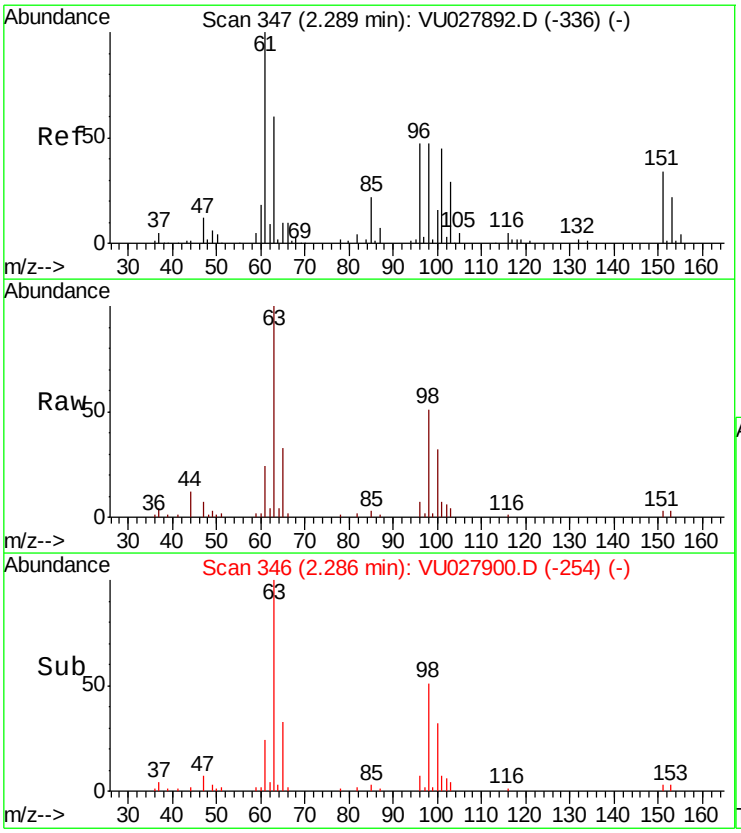
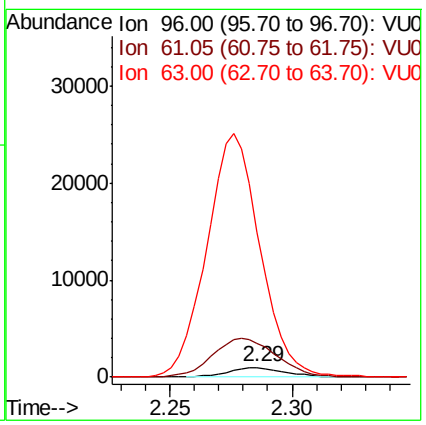


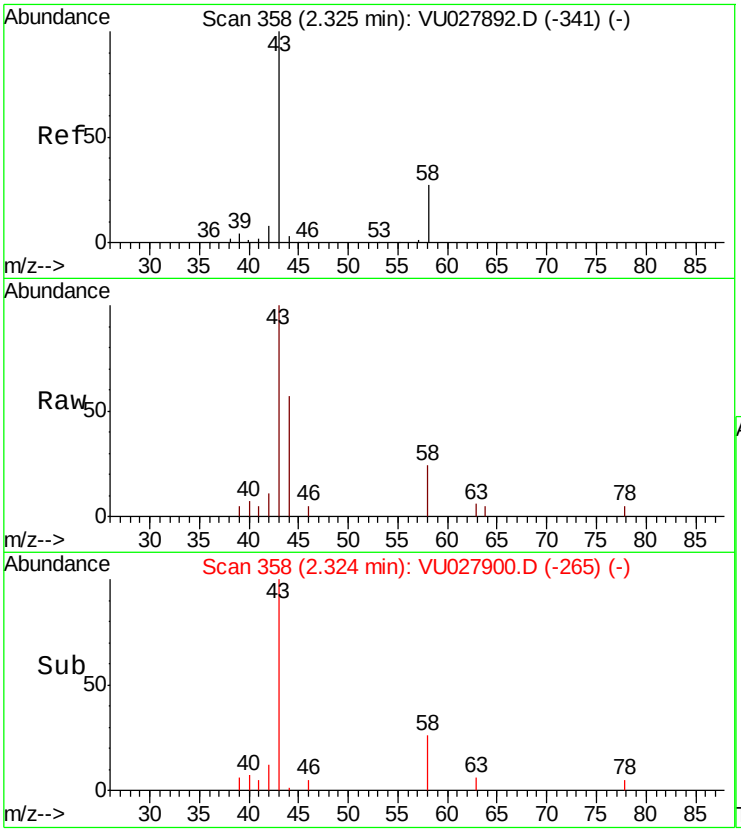


#12
1,1-Dichloroethene
Concen: 0.311 ug/L
RT: 2.29 min Scan# 346
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 96 Resp: 1520

Ion	Ratio	Lower	Upper
96	100		
61	358.2	141.1	262.1#
63	1523.0	113.0	209.9#

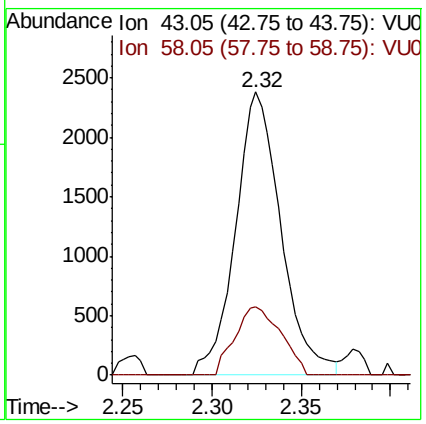




#13
Acetone
Concen: 3.667 ug/L
RT: 2.32 min Scan# 358
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 43 Resp: 4245

Ion	Ratio	Lower	Upper
43	100		
58	24.4	0.0	61.4



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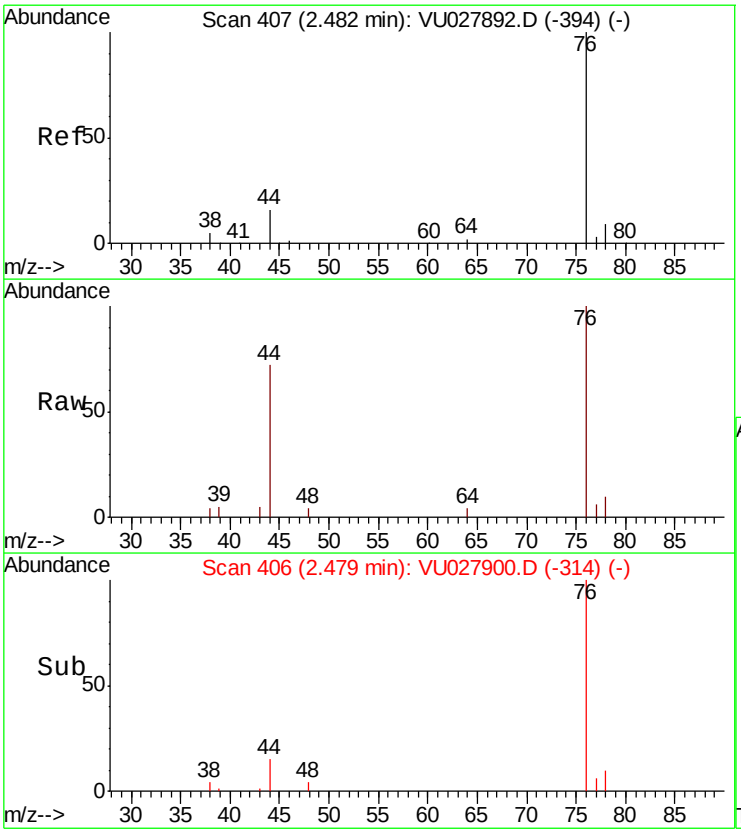
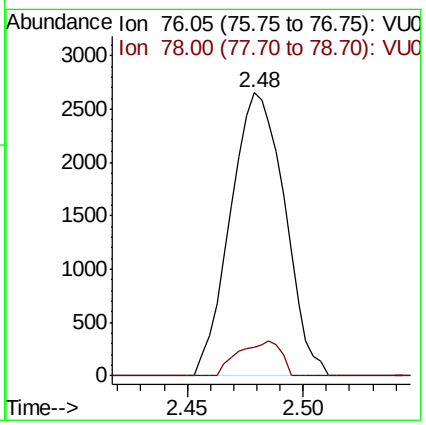
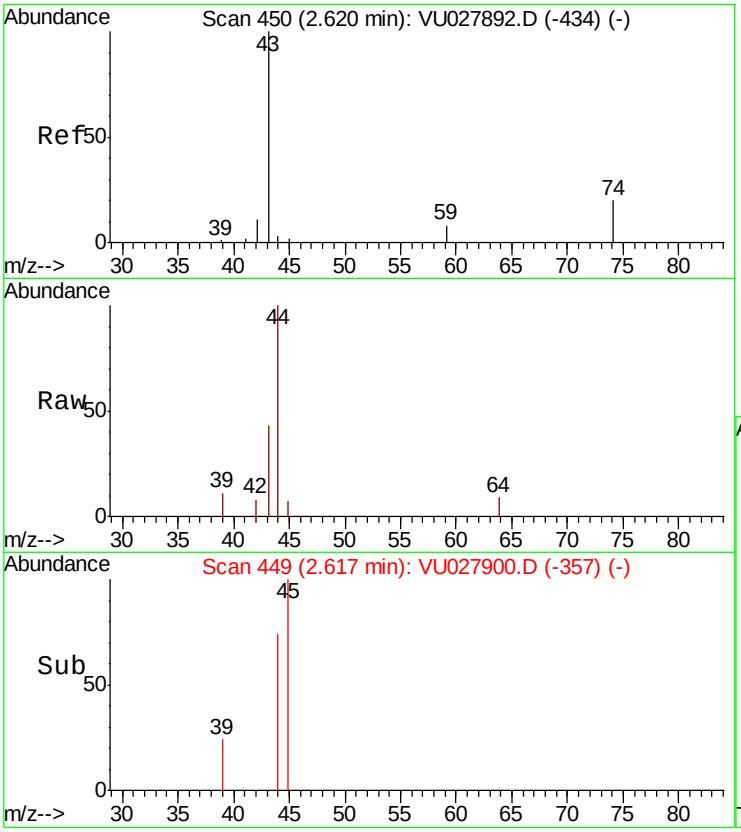


#14
Carbon disulfide
Concen: 0.247 ug/L
RT: 2.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 76 Resp: 4311

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.5	11.3





#15
Methyl Acetate
Concen: 0.398 ug/L m
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 43 Resp: 1234

Ion	Ratio	Lower	Upper
43	100		
74	3.5	14.9	22.3#

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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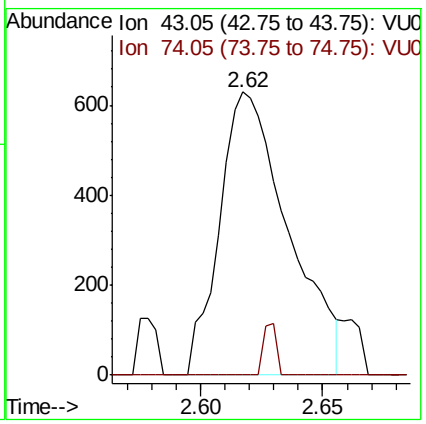
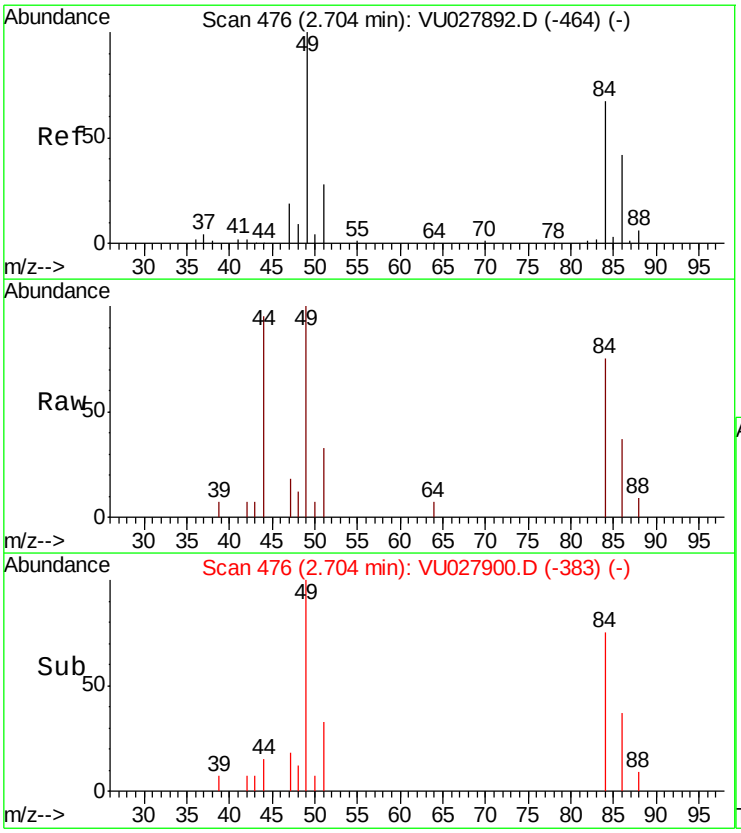
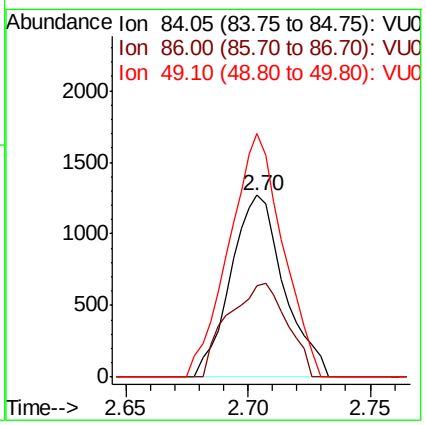


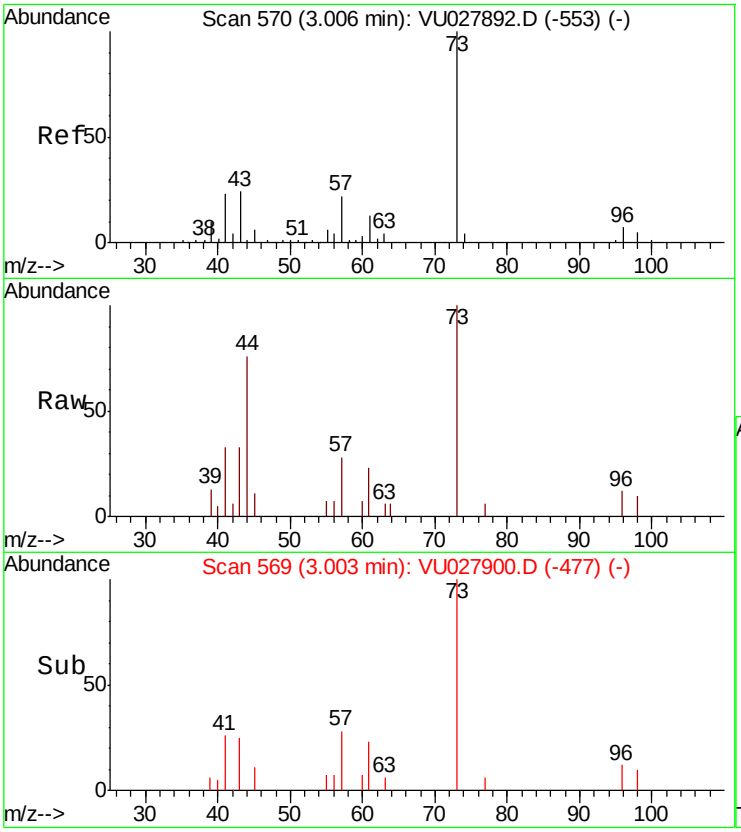


#16
Methylene chloride
Concen: 0.349 ug/L
RT: 2.70 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 84 Resp: 1919

Ion	Ratio	Lower	Upper
84	100		
86	50.0	46.7	86.7
49	133.7	101.3	188.1

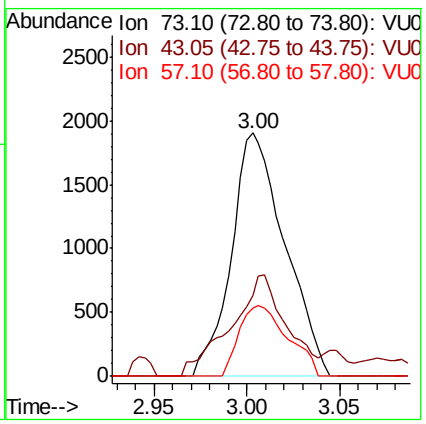




#17
Methyl tert-butyl Ether
Concen: 0.262 ug/L
RT: 3.00 min Scan# 569
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 73 Resp: 3817

Ion	Ratio	Lower	Upper
73	100		
43	43.3	18.7	28.1#
57	26.4	18.7	28.1



Instrument :
MSVOA_U
ClientSampleId :
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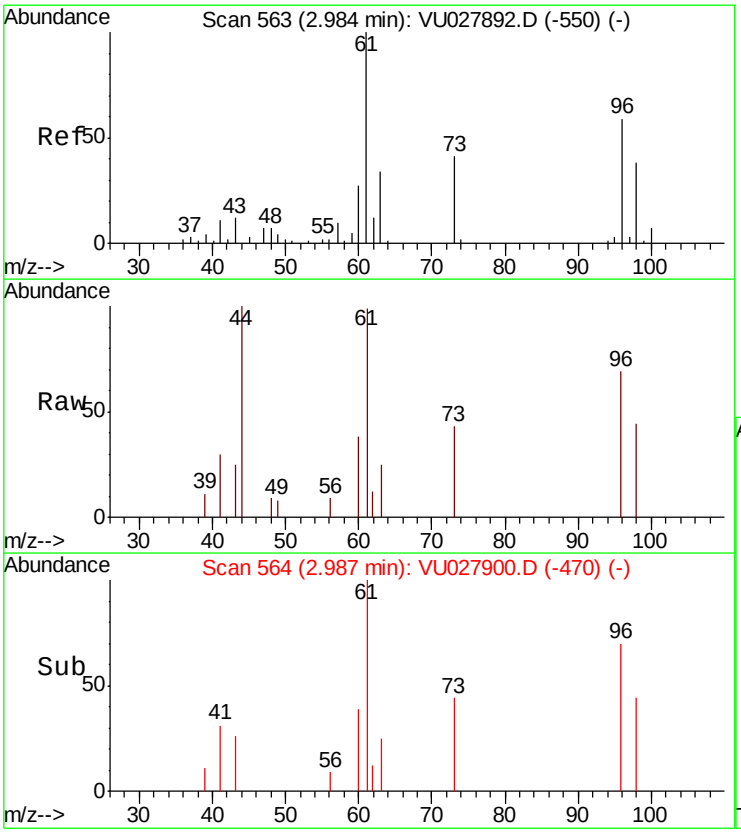
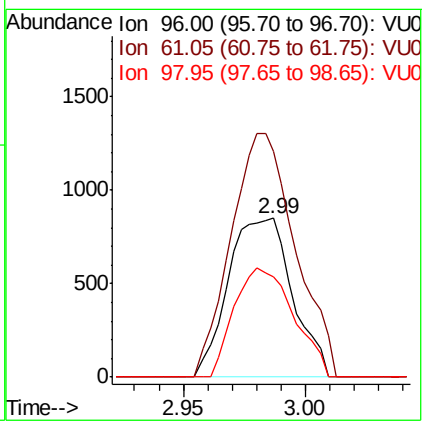
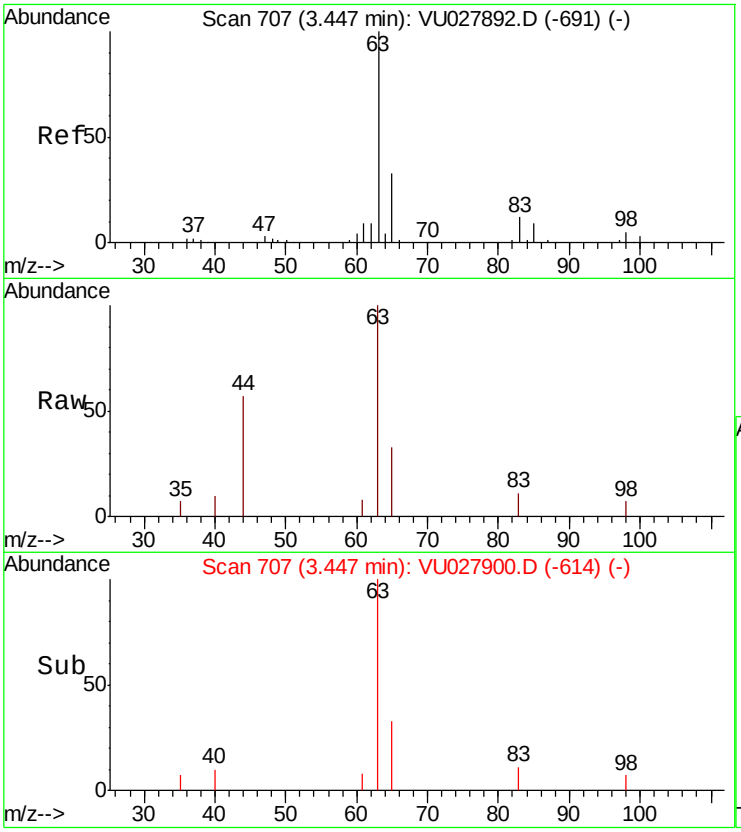


#18
trans-1,2-Dichloroethene
Concen: 0.297 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 96 Resp: 1547

Ion	Ratio	Lower	Upper
96	100		
61	142.6	115.2	214.0
98	62.9	44.0	81.8

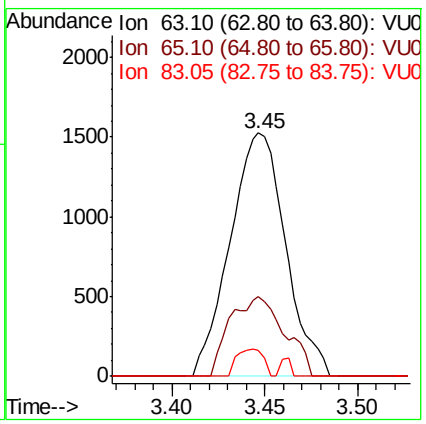




#19
1,1-Dichloroethane
Concen: 0.288 ug/L
RT: 3.45 min Scan# 707
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 63 Resp: 3168

Ion	Ratio	Lower	Upper
63	100		
65	33.0	21.8	40.4
83	10.8	9.4	17.4



Instrument :
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ClientSampleId :
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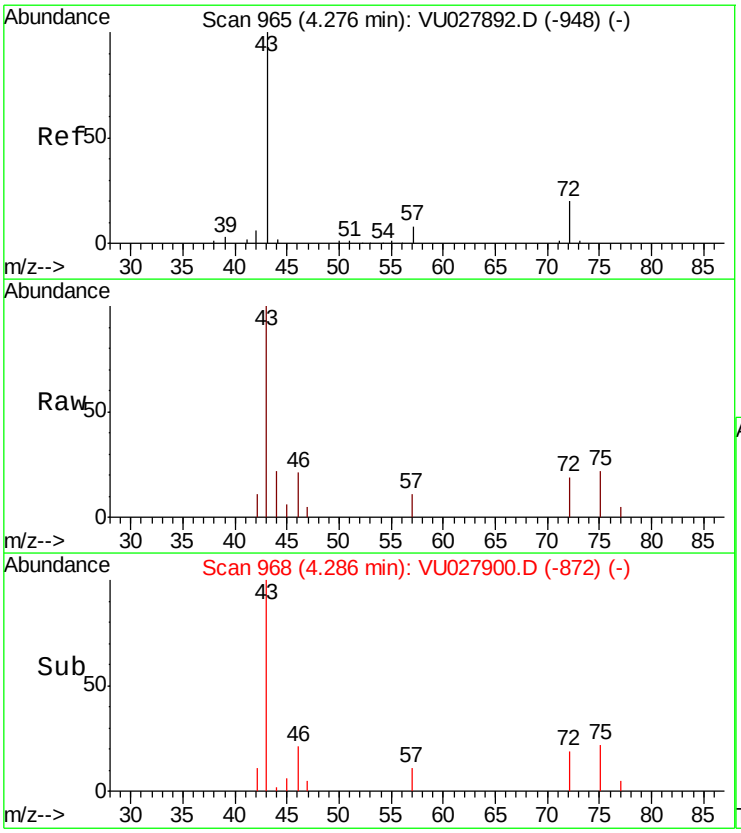
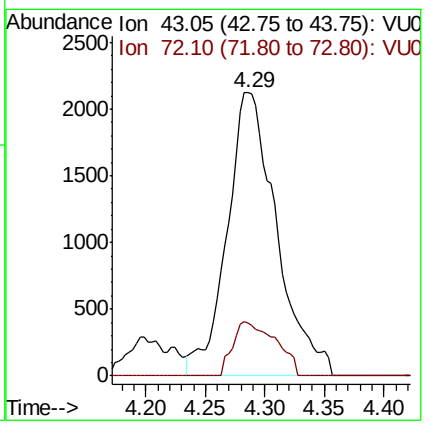
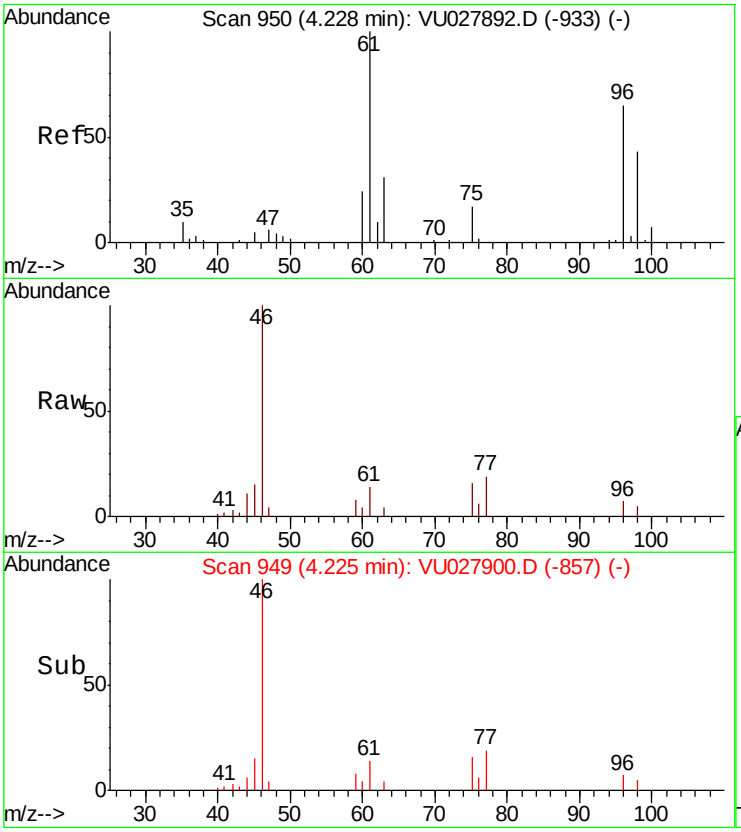


#21
2-Butanone
Concen: 3.043 ug/L
RT: 4.29 min Scan# 968
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 43 Resp: 6125

Ion	Ratio	Lower	Upper
43	100		
72	16.5	10.9	32.9

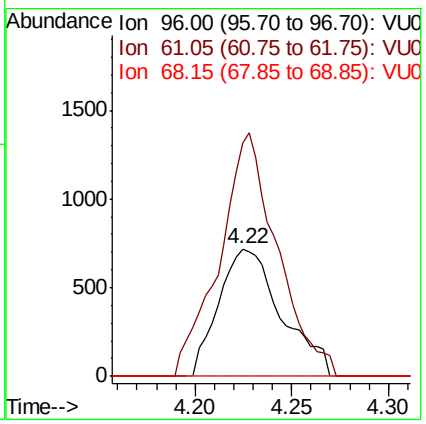




#22
cis-1,2-Dichloroethene
Concen: 0.270 ug/L
RT: 4.22 min Scan# 949
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 96 Resp: 1625

Ion	Ratio	Lower	Upper
96	100		
61	183.1	104.0	193.2
68	0.0	0.0	0.0



Instrument :
MSVOA_U
ClientSampleId :
MDL07

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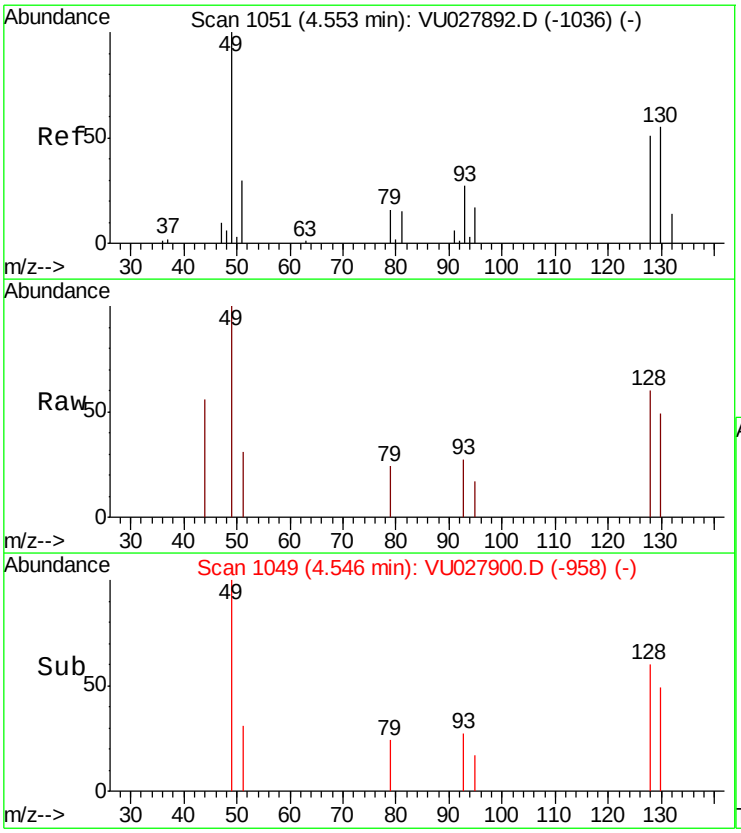
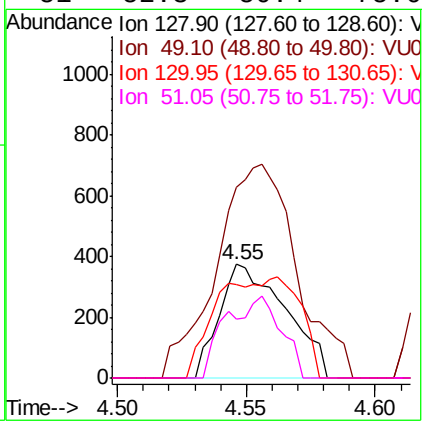
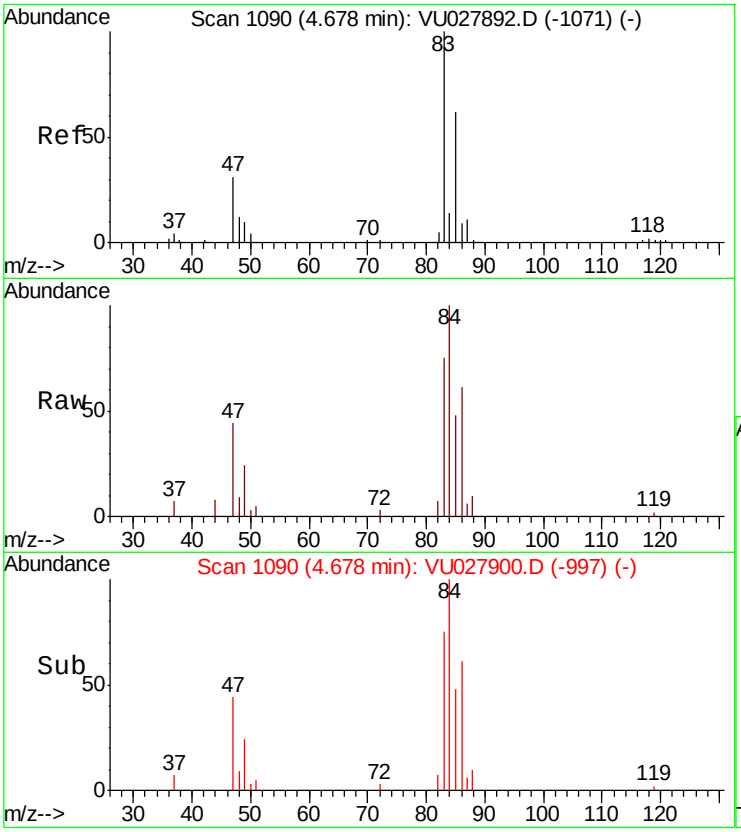


#23
Bromochloromethane
Concen: 0.269 ug/L
RT: 4.55 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:128 Resp: 671

Ion	Ratio	Lower	Upper
128	100		
49	167.2	142.0	263.8
130	82.4	86.1	159.9#
51	52.3	50.4	75.6

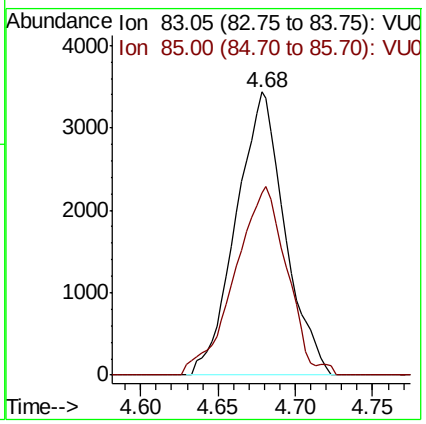




#25
Chloroform
Concen: 0.676 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 83 Resp: 7525

Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.0	81.8



Instrument :
MSVOA_U
ClientSampleId :
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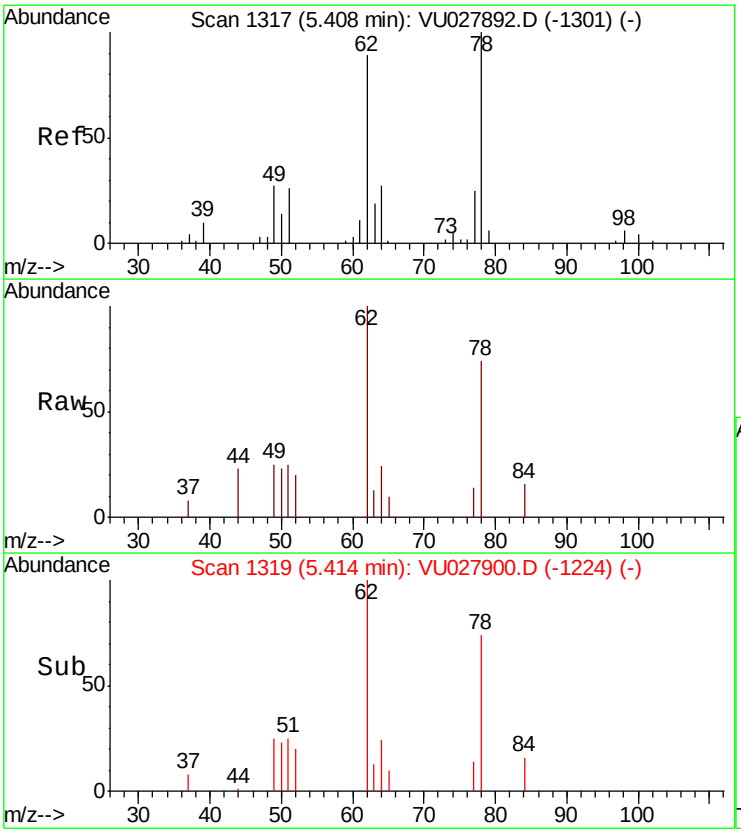
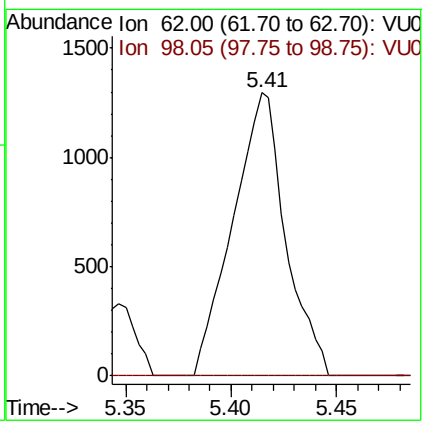
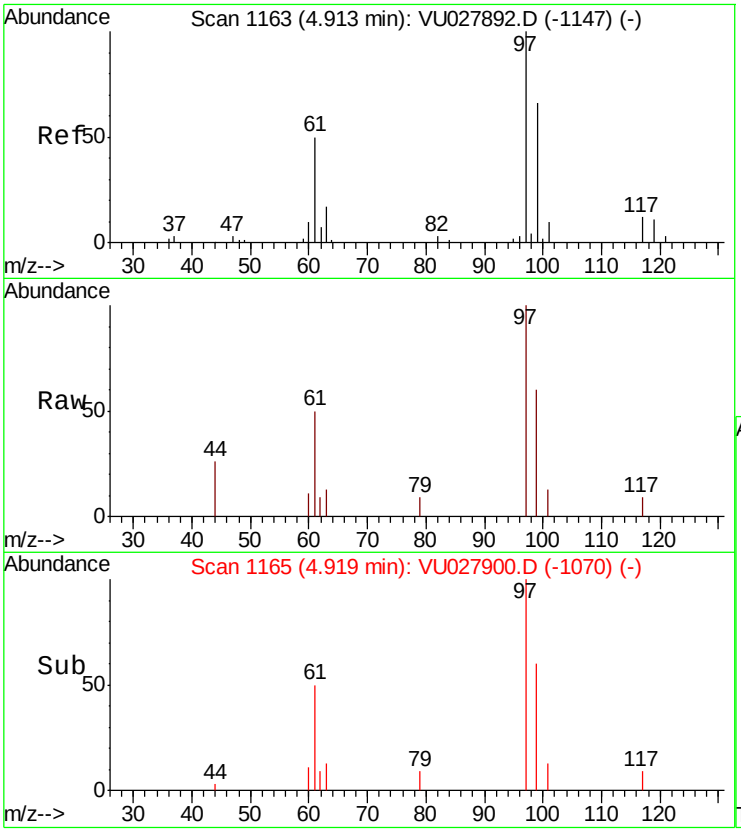


#27
1,2-Dichloroethane
Concen: 0.290 ug/L
RT: 5.41 min Scan# 1319
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 62 Resp: 2257

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.3	9.5#

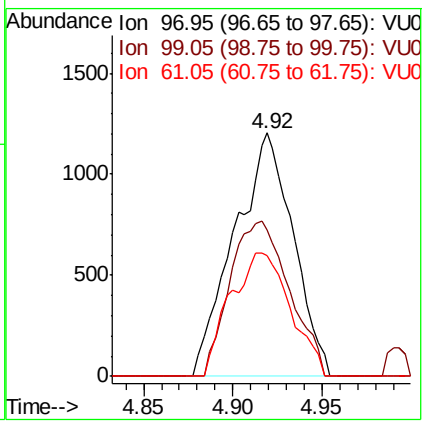




#29
1,1,1-Trichloroethane
Concen: 0.278 ug/L
RT: 4.92 min Scan# 1165
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 97 Resp: 2768

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.6	76.0
61	51.7	35.8	53.6



Instrument :
MSVOA_U
ClientSampleId :
MDL07

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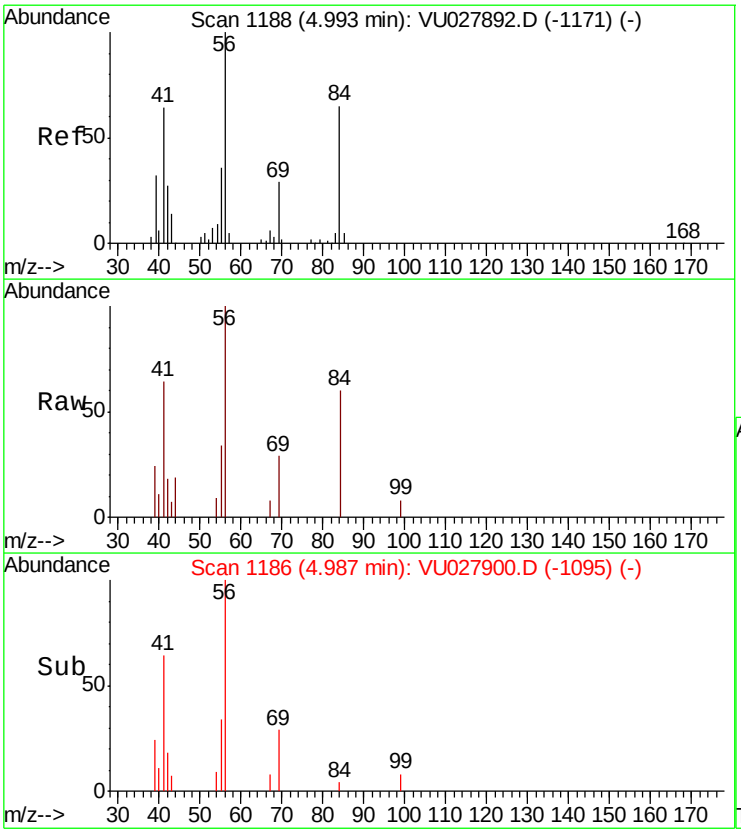
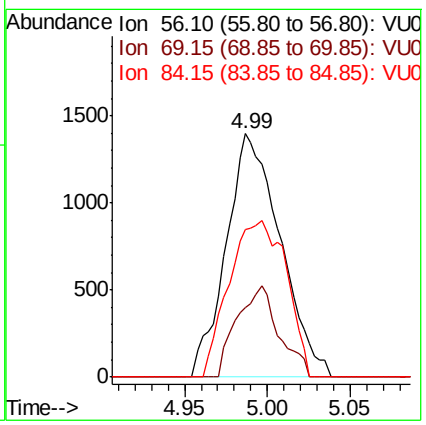
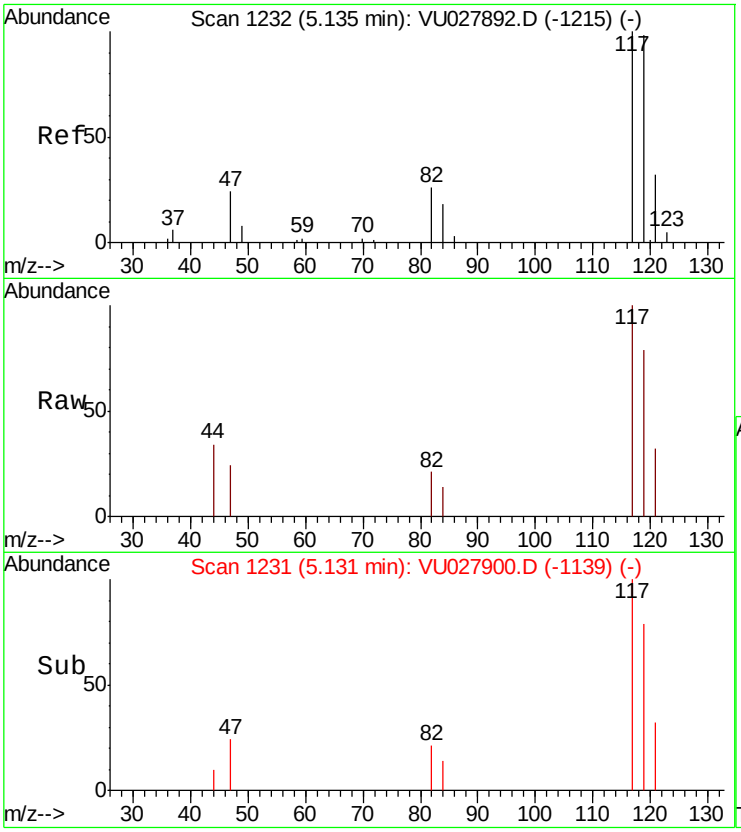


#30
Cyclohexane
Concen: 0.271 ug/L
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 56 Resp: 3172

Ion	Ratio	Lower	Upper
56	100		
69	28.8	22.7	34.1
84	67.8	58.1	87.1

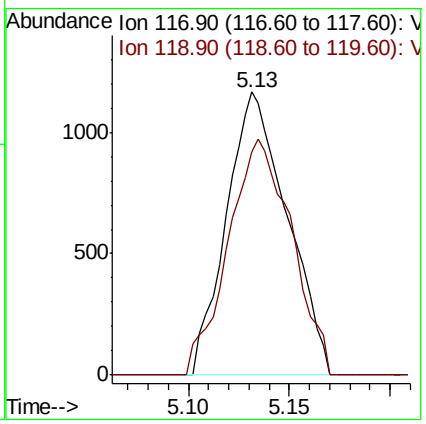




#31
Carbon tetrachloride
Concen: 0.286 ug/L
RT: 5.13 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:117 Resp: 2439

Ion	Ratio	Lower	Upper
117	100		
119	87.3	77.1	115.7



Instrument :
MSVOA_U
ClientSampleId :
MDL07

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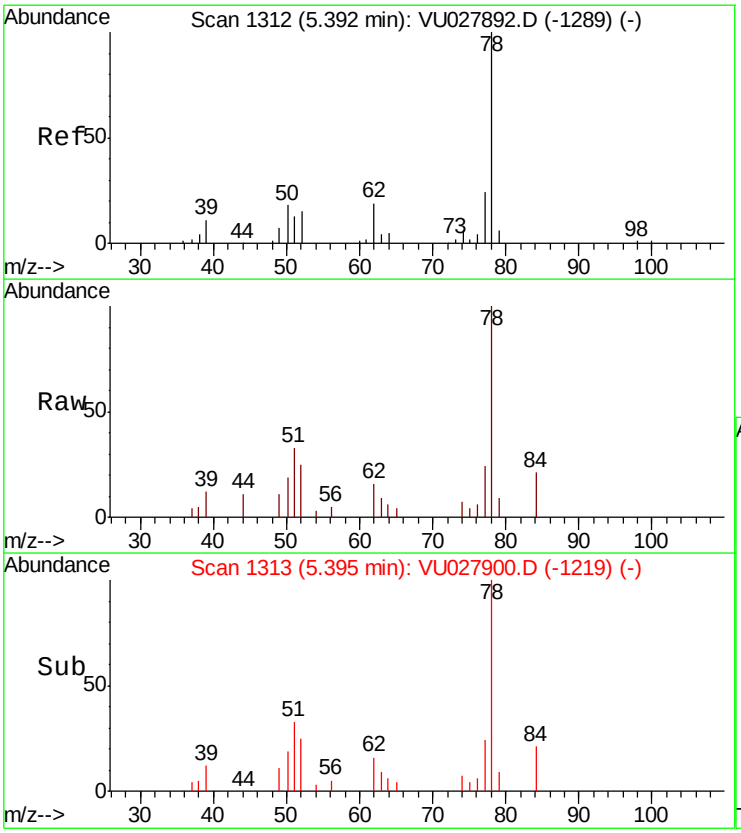
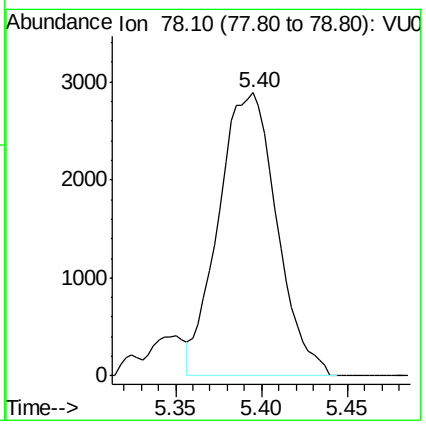
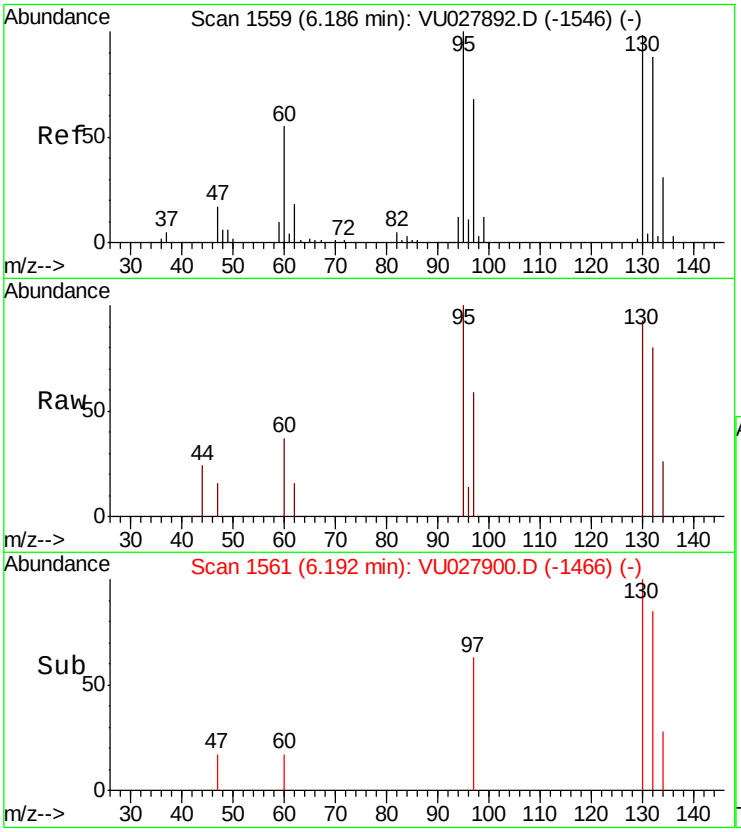


#33
Benzene
Concen: 0.280 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 78 Resp: 6837

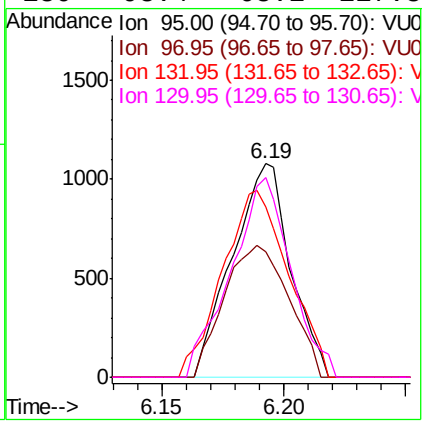




#34
Trichloroethene
Concen: 0.281 ug/L
RT: 6.19 min Scan# 1561
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 95 Resp: 1785

Ion	Ratio	Lower	Upper
95	100		
97	58.8	44.0	81.6
132	79.7	63.3	117.5
130	93.4	63.1	117.3



Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual Integrations APPROVED
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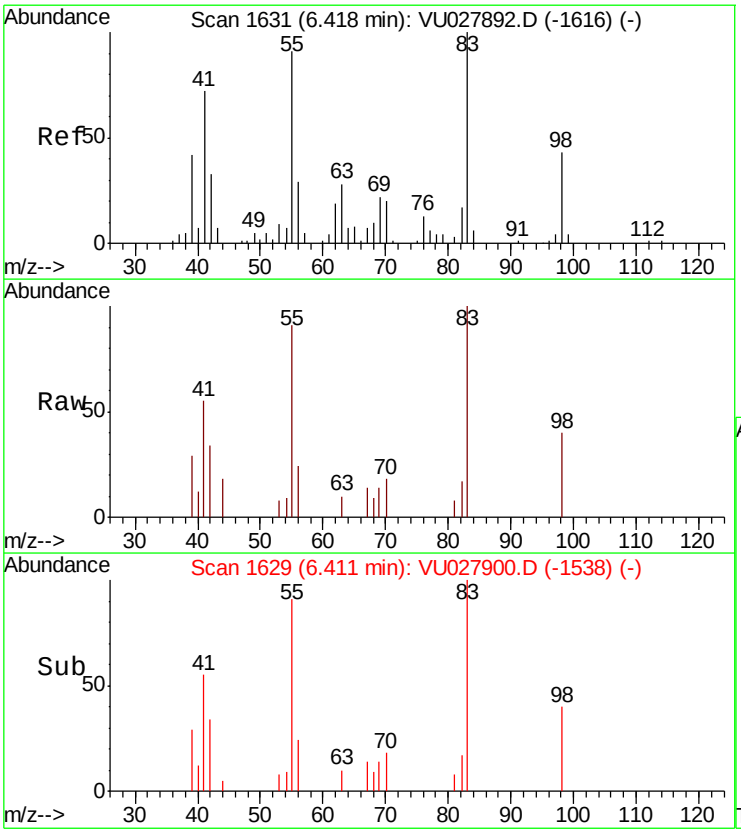
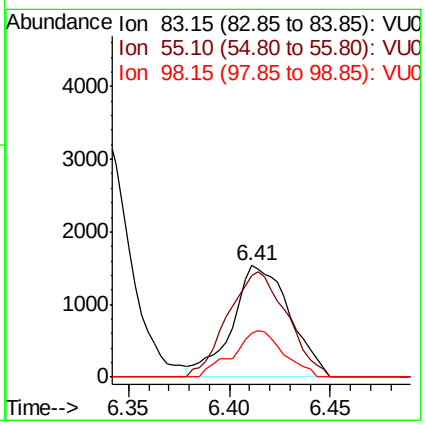
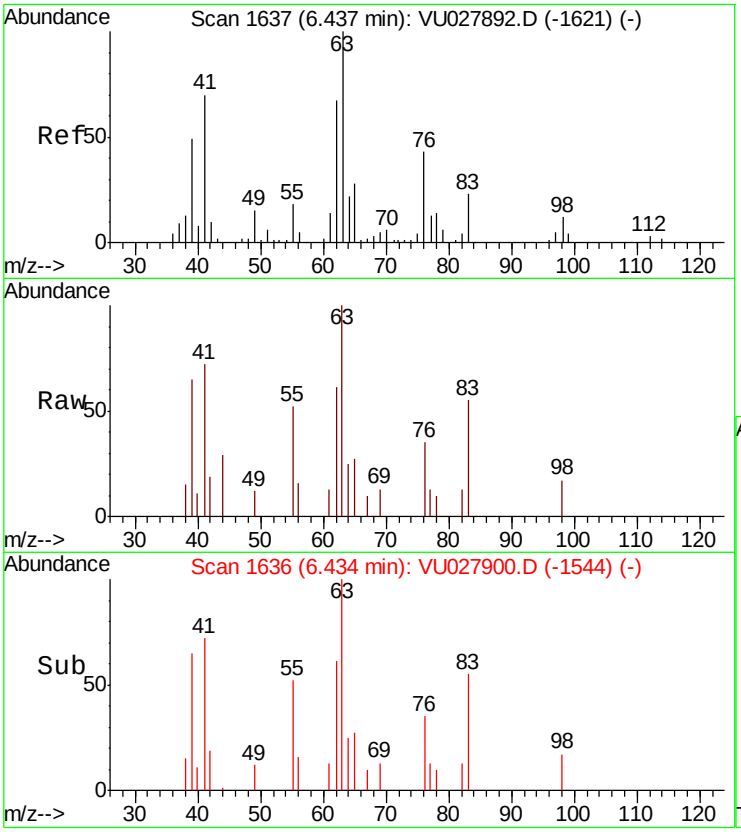


#35
Methylcyclohexane
Concen: 0.282 ug/L
RT: 6.41 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 83 Resp: 3054

Ion	Ratio	Lower	Upper
83	100		
55	97.2	73.4	110.0
98	36.4	35.3	52.9

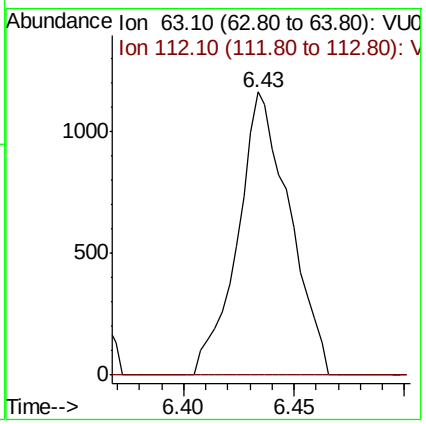




#37
1,2-Dichloropropane
Concen: 0.272 ug/L
RT: 6.43 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 63 Resp: 1893

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



Instrument :
MSVOA_U
ClientSampleId :
MDL07

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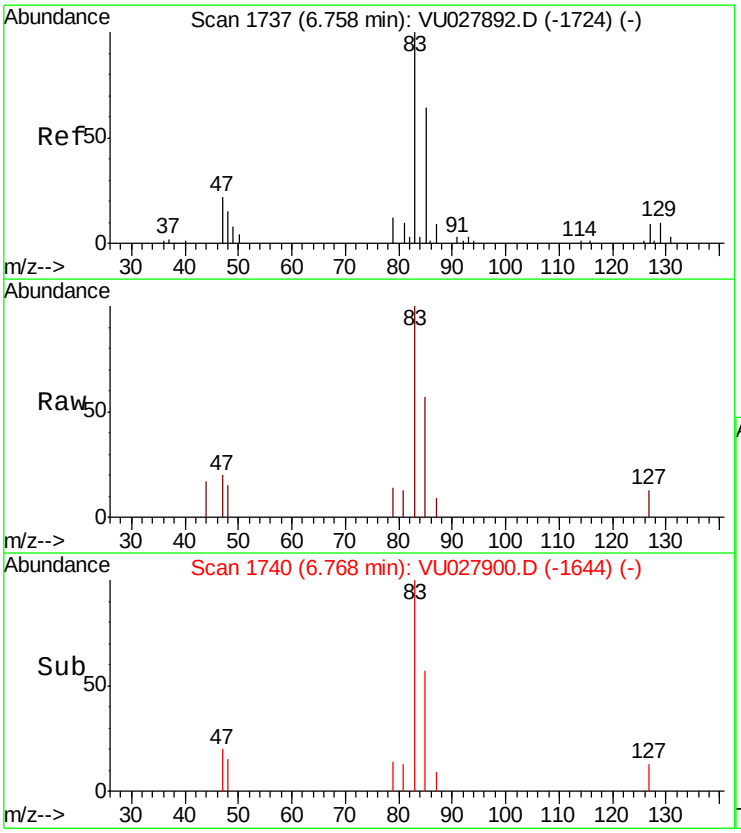
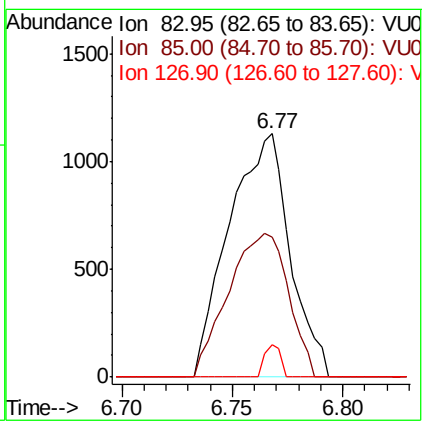
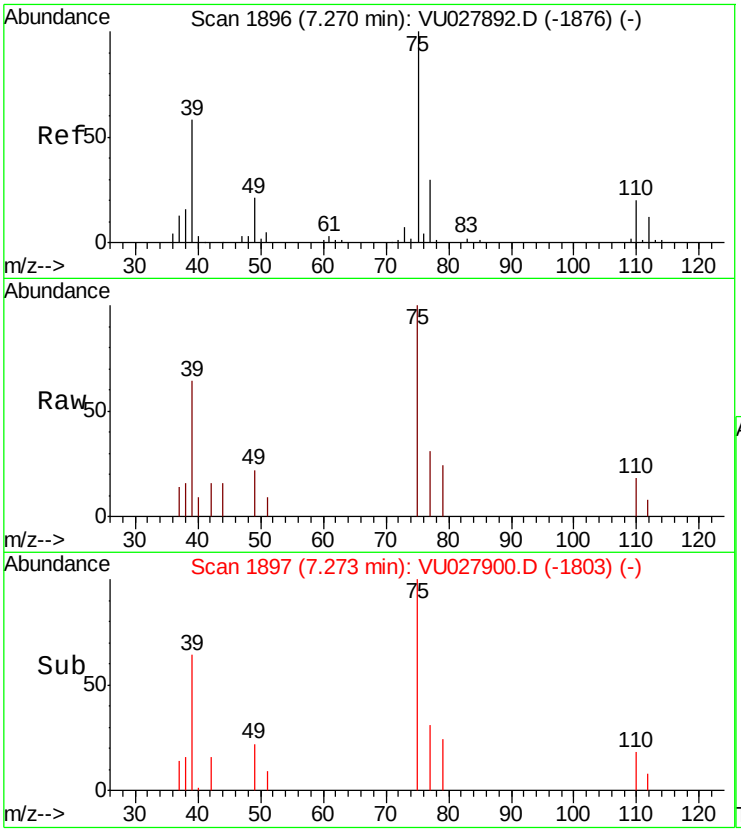


#38
Bromodichloromethane
Concen: 0.266 ug/L
RT: 6.77 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 83 Resp: 2164

Ion	Ratio	Lower	Upper
83	100		
85	57.3	43.8	81.4
127	13.3	6.4	9.6#

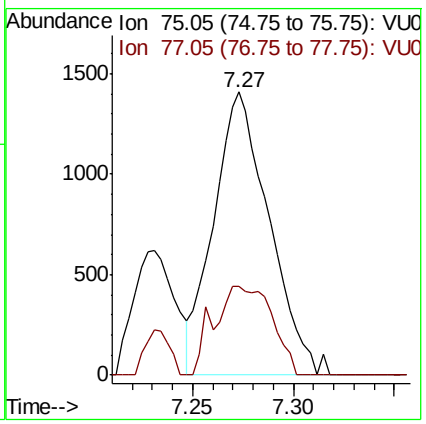




#39
cis-1,3-Dichloropropene
Concen: 0.271 ug/L
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 75 Resp: 2698

Ion	Ratio	Lower	Upper
75	100		
77	31.2	22.2	41.2



Instrument :
MSVOA_U
ClientSampleId :
MDL07

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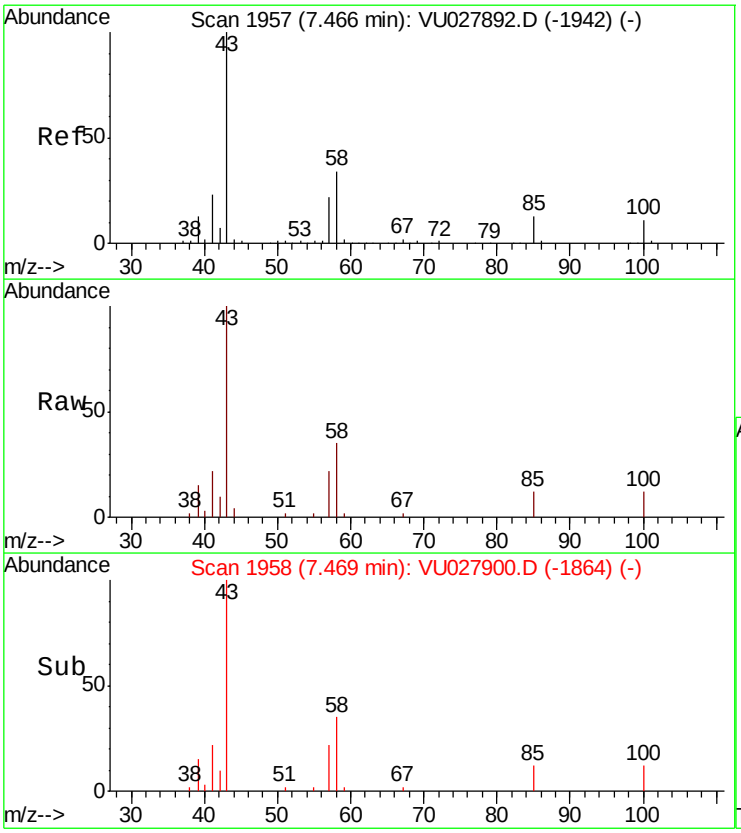
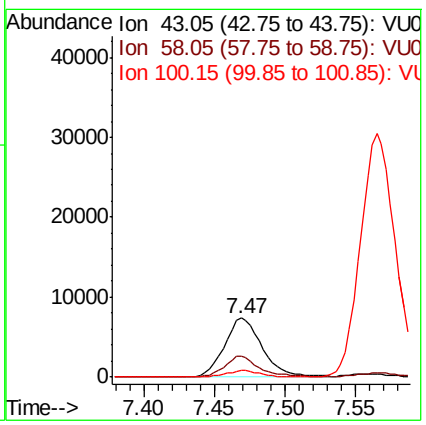
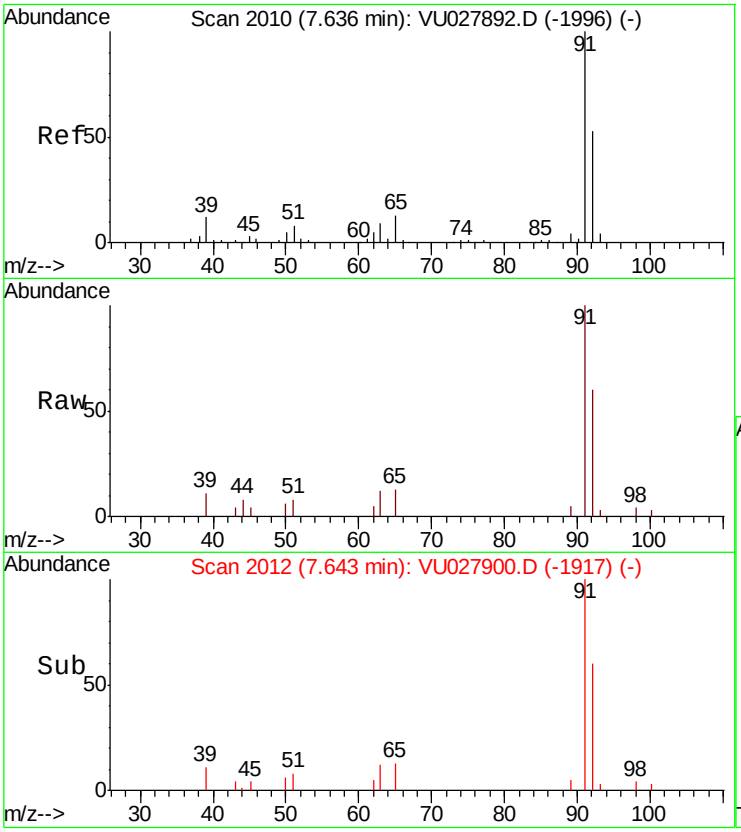


#40
4-Methyl-2-pentanone
Concen: 2.822 ug/L
RT: 7.47 min Scan# 1958
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 43 Resp: 13875

Ion	Ratio	Lower	Upper
43	100		
58	32.2	28.5	42.7
100	0.0	8.8	13.2#





#42
Toluene
Concen: 0.291 ug/L
RT: 7.64 min Scan# 2012
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 91 Resp: 7435

Ion	Ratio	Lower	Upper
91	100		
92	59.5	40.3	74.9

Instrument :
MSVOA_U
ClientSampleId :
MDL07

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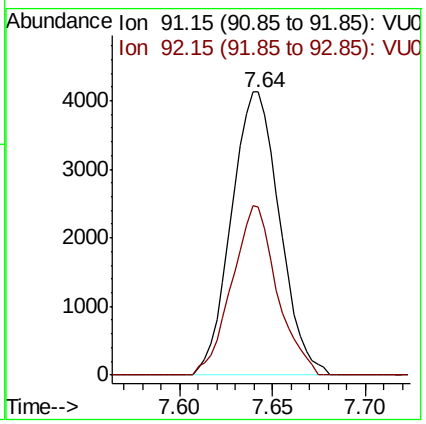
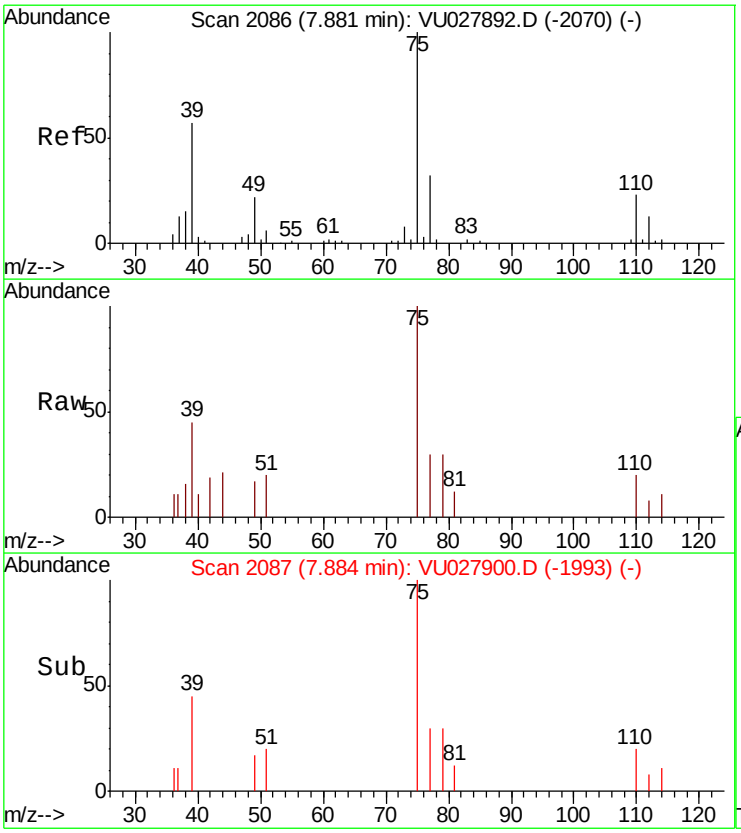
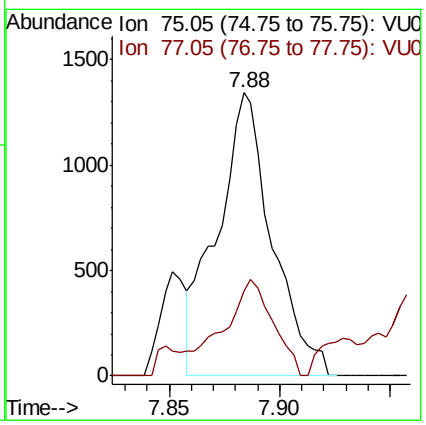


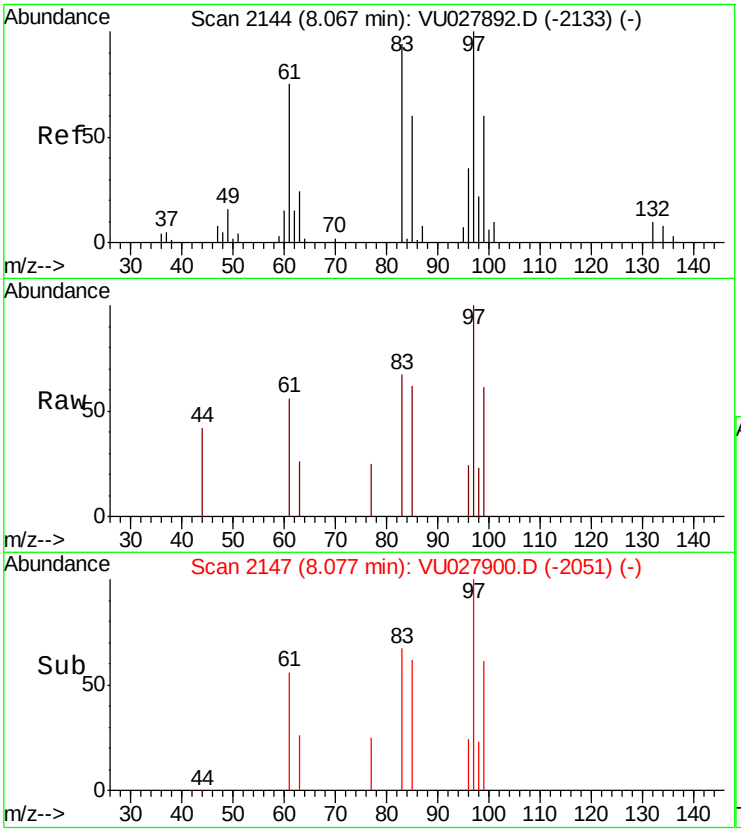


#44
trans-1,3-Dichloropropene
Concen: 0.271 ug/L
RT: 7.88 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 75 Resp: 2320

Ion	Ratio	Lower	Upper
75	100		
77	29.9	20.5	38.1

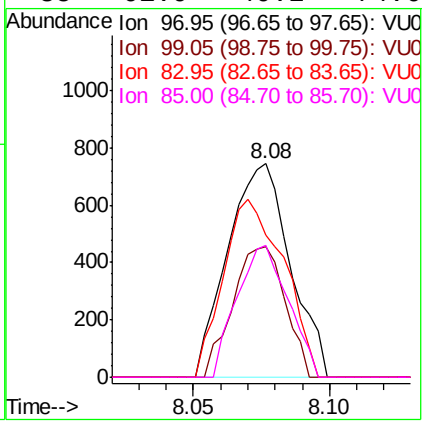




#45
1,1,2-Trichloroethane
Concen: 0.276 ug/L
RT: 8.08 min Scan# 2147
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 97 Resp: 1183

Ion	Ratio	Lower	Upper
97	100		
99	61.3	42.9	79.7
83	66.6	62.2	115.6
85	61.9	40.2	74.6



Instrument :
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ClientSampleId :
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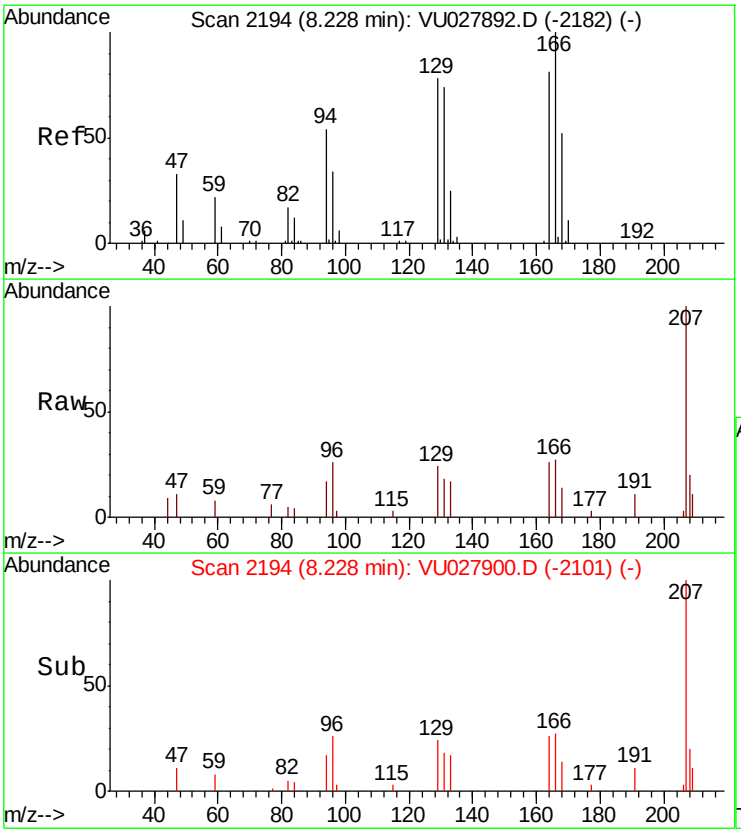
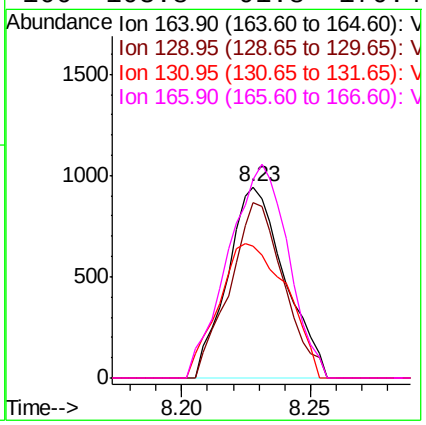
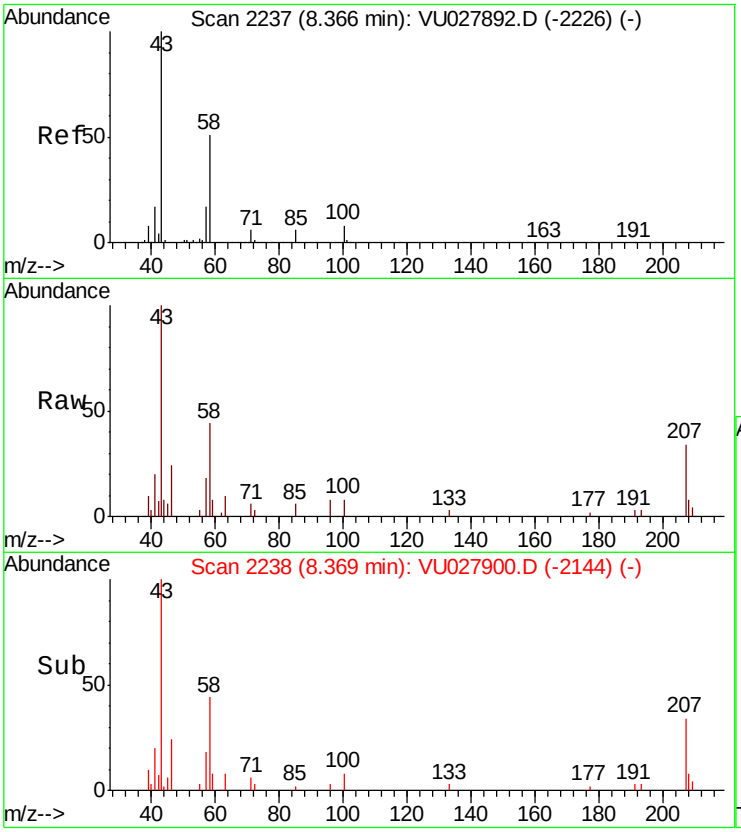


#47
Tetrachloroethene
Concen: 0.298 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:164 Resp: 1457

Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.9	120.5
131	68.7	64.3	119.5
166	103.8	91.8	170.4

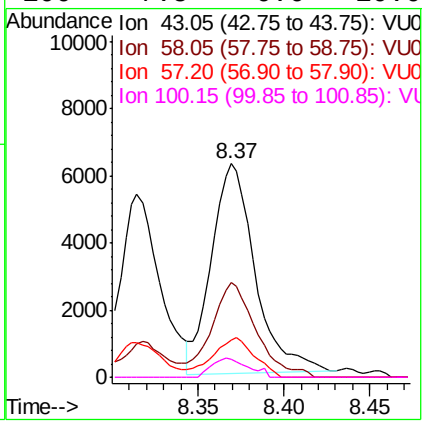




#48
2-Hexanone
Concen: 3.133 ug/L
RT: 8.37 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 43 Resp: 11102

Ion	Ratio	Lower	Upper
43	100		
58	45.6	38.9	58.3
57	18.3	13.3	19.9
100	7.5	6.6	10.0



Instrument :
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ClientSampleId :
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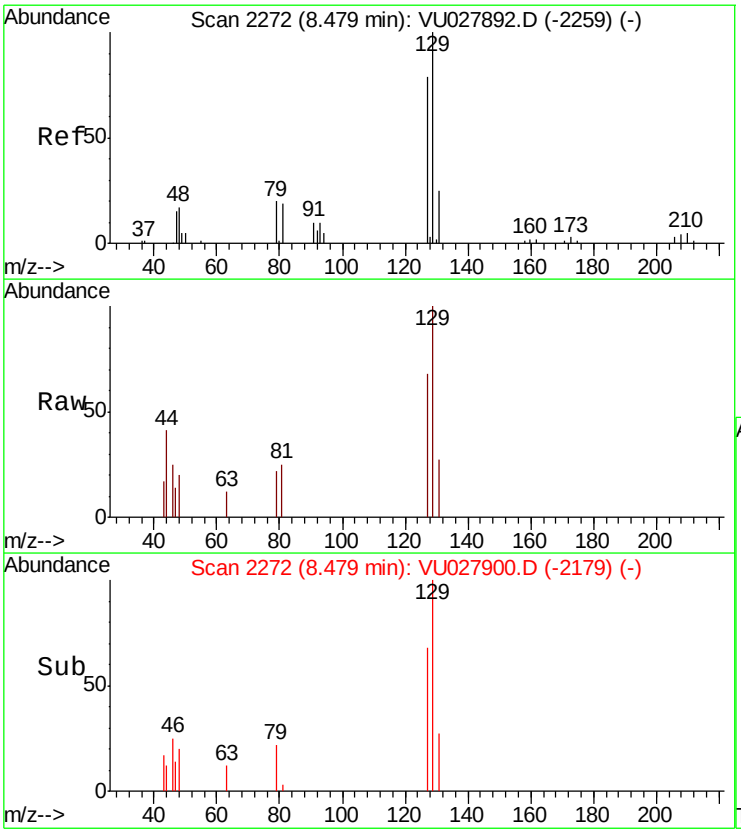
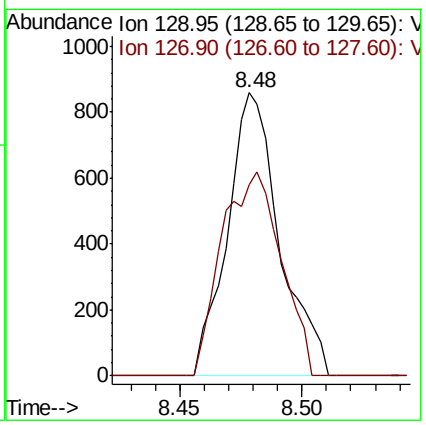
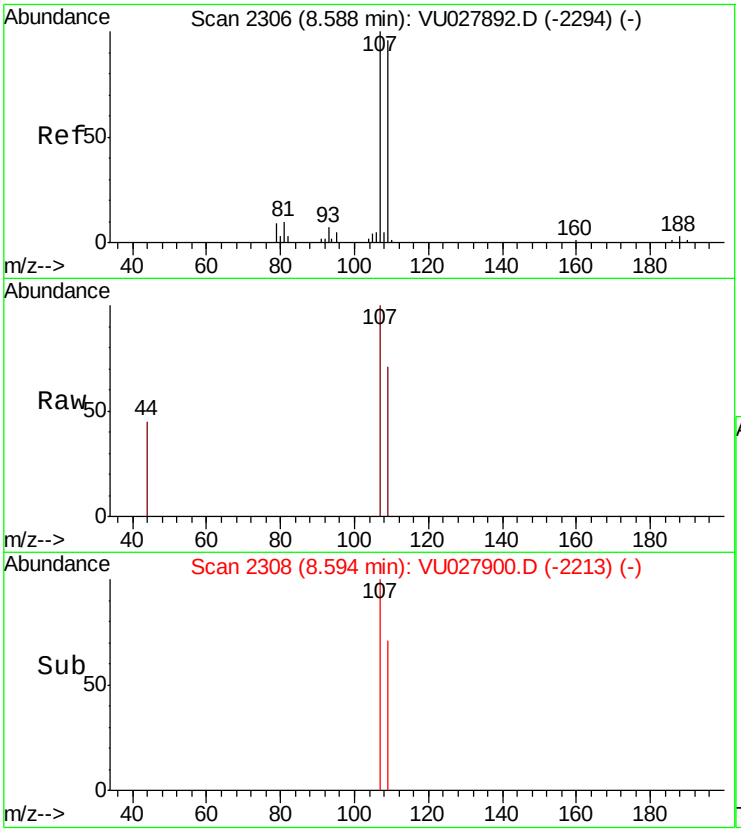


#49
Dibromochloromethane
Concen: 0.247 ug/L
RT: 8.48 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:129 Resp: 1276

Ion	Ratio	Lower	Upper
129	100		
127	67.6	54.5	101.1





#50
1,2-Dibromoethane
Concen: 0.255 ug/L
RT: 8.59 min Scan# 2308
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:107 Resp: 1044

Ion	Ratio	Lower	Upper
107	100		
109	70.6	68.0	126.4
188	0.0	2.7	4.1#

Instrument :
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ClientSampleId :
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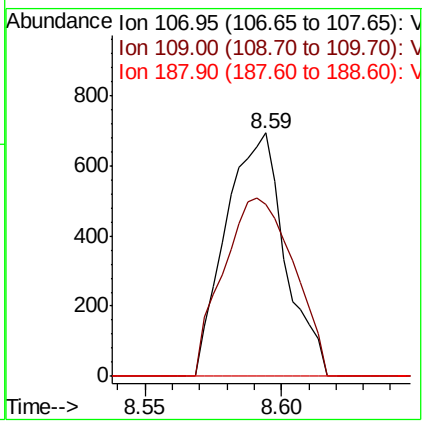
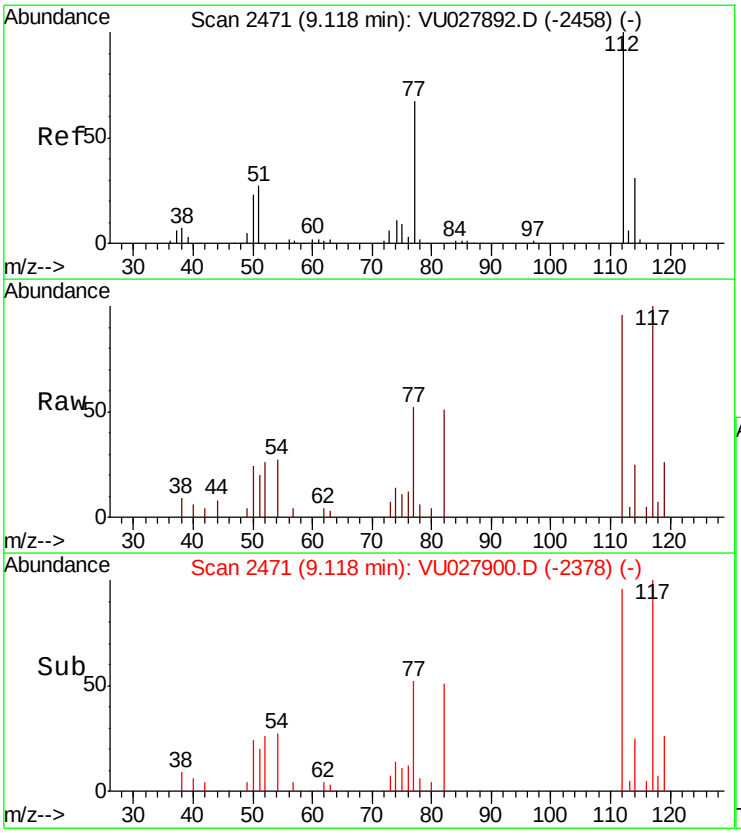
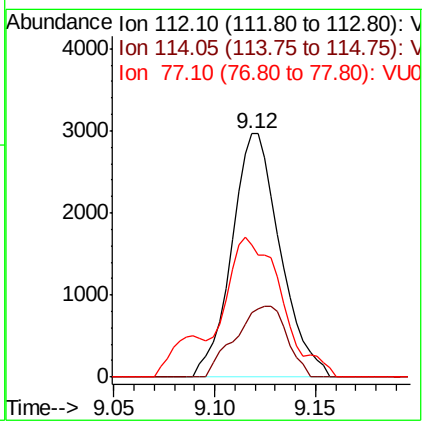


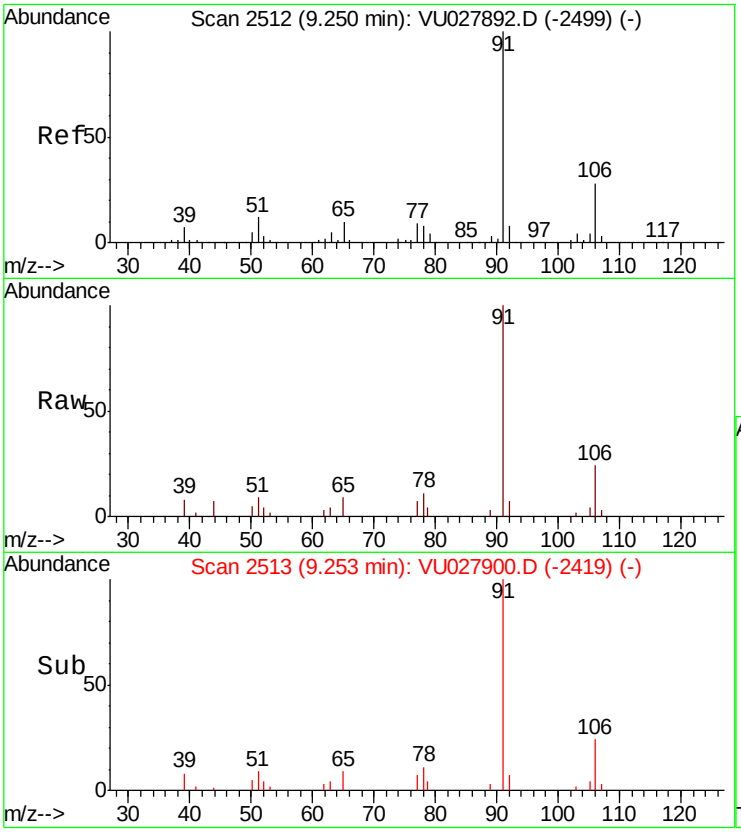


#51
Chlorobenzene
Concen: 0.315 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:112 Resp: 4986

Ion	Ratio	Lower	Upper
112	100		
114	26.4	22.0	41.0
77	54.5	54.3	81.5

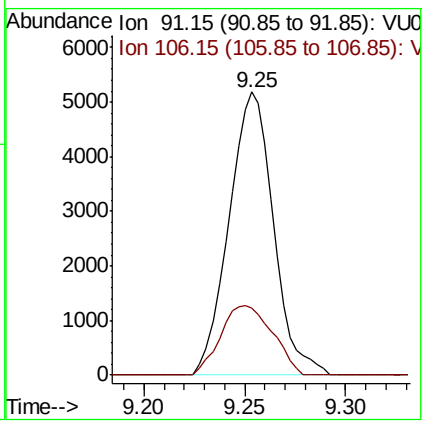




#52
Ethylbenzene
Concen: 0.274 ug/L
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 91 Resp: 7982

Ion	Ratio	Lower	Upper
91	100		
106	23.9	21.5	39.9



Instrument :
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ClientSampleId :
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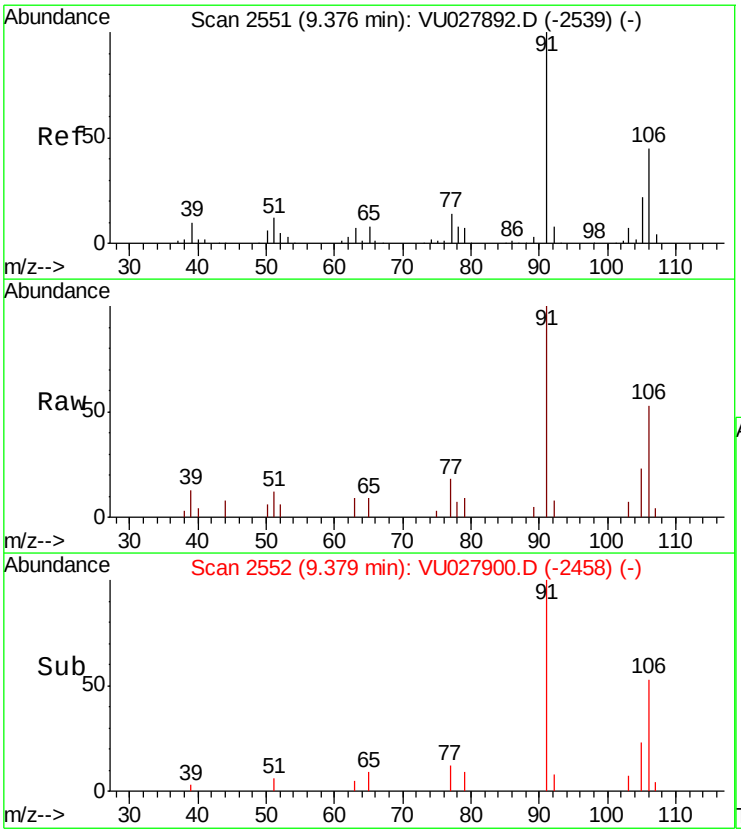
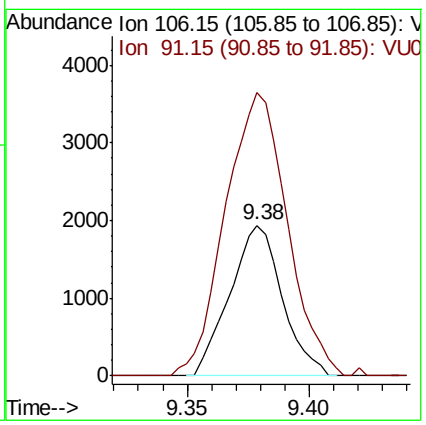
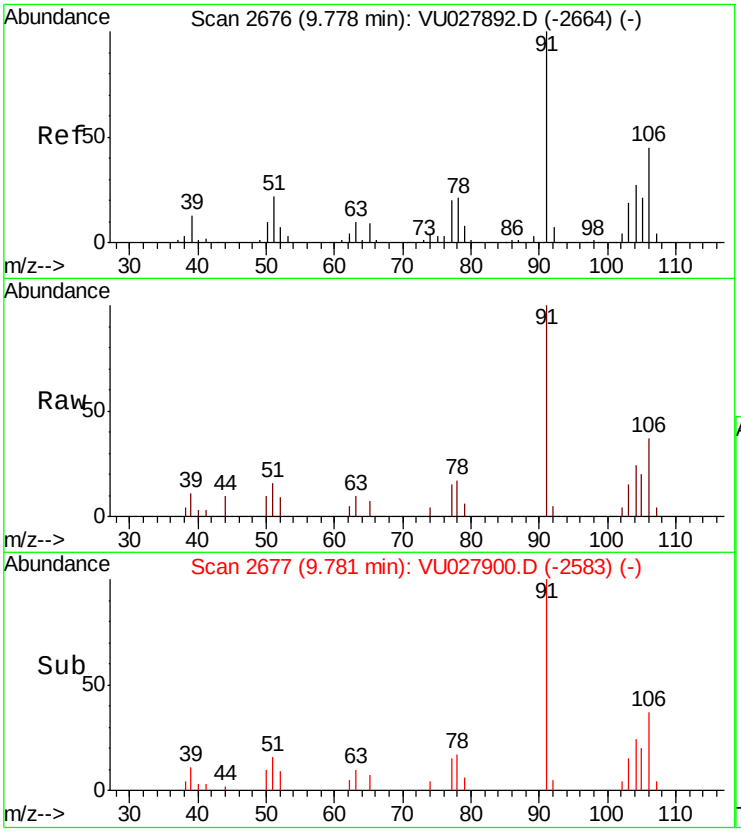


#53
m,p-xylene
Concen: 0.273 ug/L
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:106 Resp: 2880

Ion	Ratio	Lower	Upper
106	100		
91	187.5	148.7	276.1

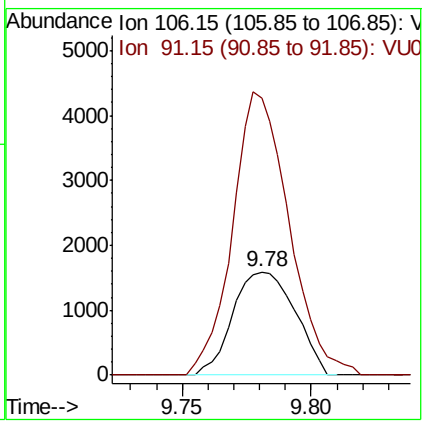




#54
o-xylene
Concen: 0.258 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:106 Resp: 2675

Ion	Ratio	Lower	Upper
106	100		
91	269.2	158.3	293.9



Instrument :
MSVOA_U
ClientSampleId :
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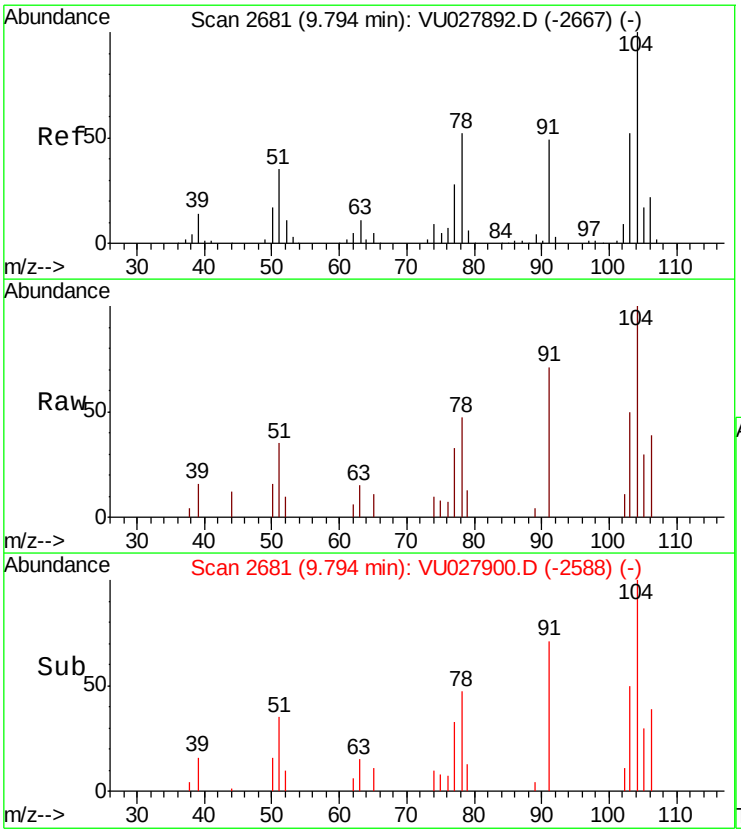
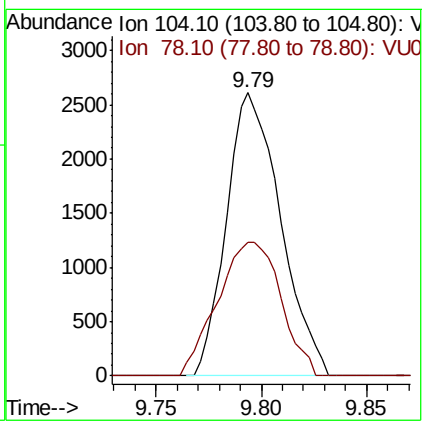
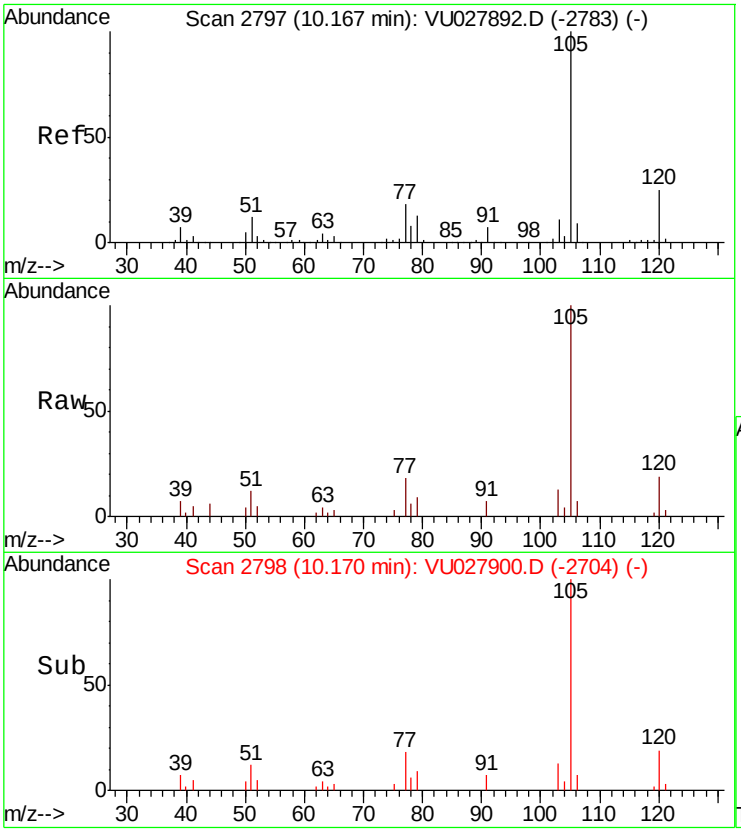


#55
Styrene
Concen: 0.267 ug/L
RT: 9.79 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:104 Resp: 4653

Ion	Ratio	Lower	Upper
104	100		
78	47.3	35.6	66.0

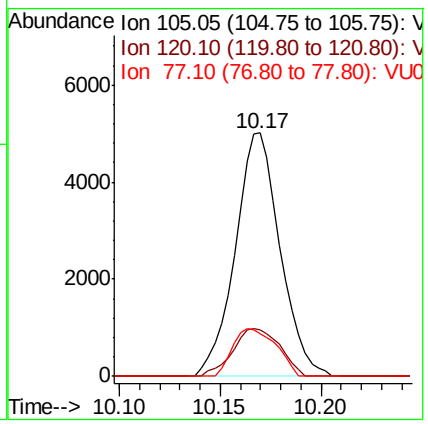




#56
Isopropylbenzene
Concen: 0.276 ug/L
RT: 10.17 min Scan# 2798
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:105 Resp: 7803

Ion	Ratio	Lower	Upper
105	100		
120	20.6	20.2	30.2
77	19.1	13.4	20.2



Instrument :
MSVOA_U
ClientSampleId :
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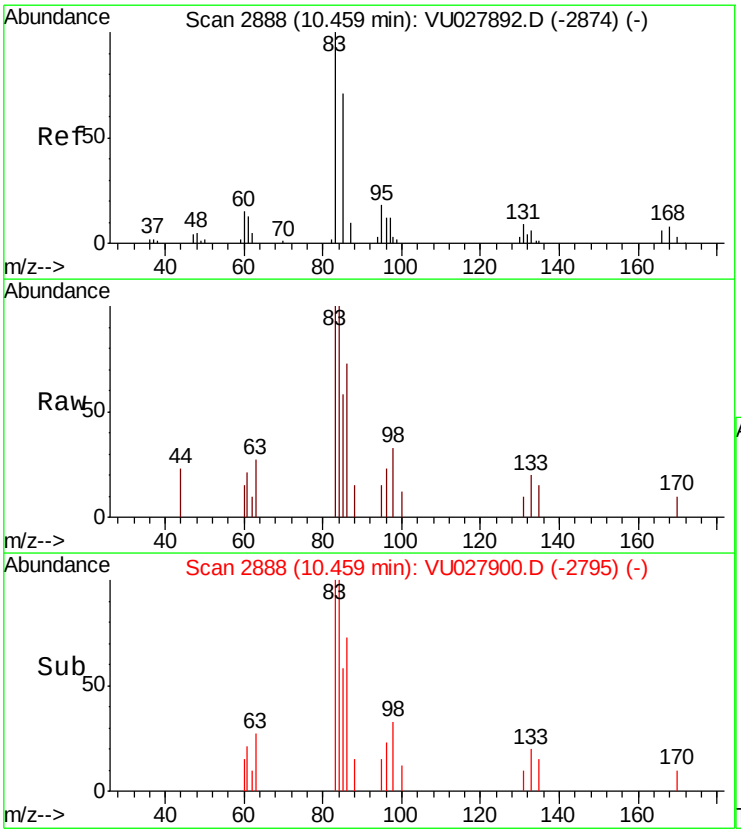
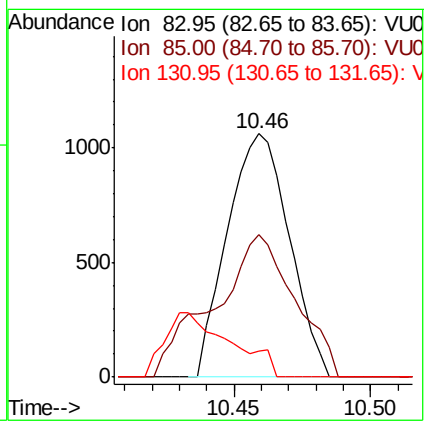
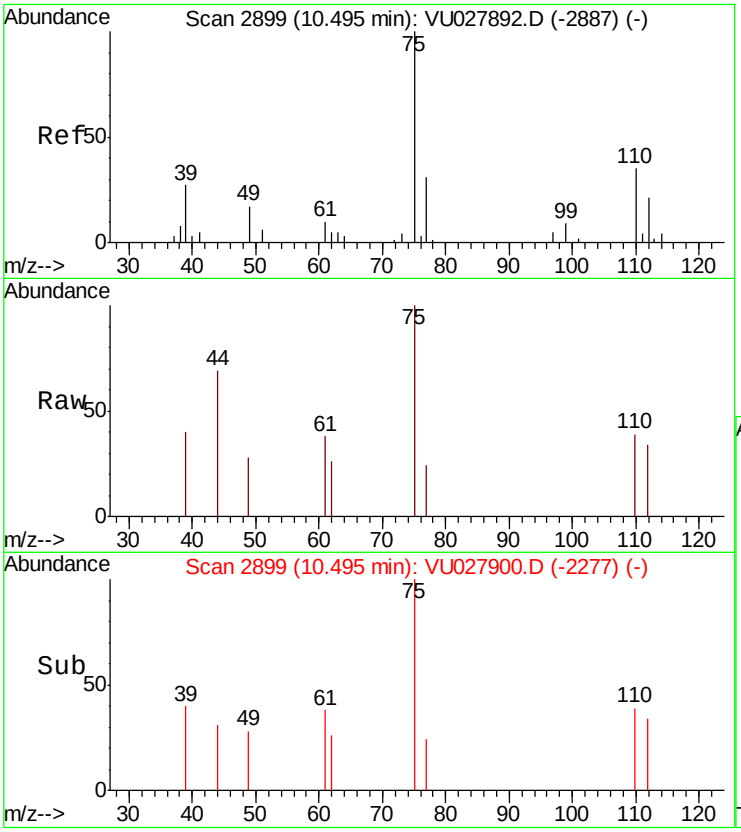


#58
1,1,2,2-Tetrachloroethane
Concen: 0.299 ug/L
RT: 10.46 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 83 Resp: 1668

Ion	Ratio	Lower	Upper
83	100		
85	58.4	44.4	82.4
131	10.5	6.8	10.2#





#59
1,2,3-Trichloropropane
Concen: 0.244 ug/L m
RT: 10.49 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 75 Resp: 1027

Ion	Ratio	Lower	Upper
75	100		
77	202.6	25.8	38.6#

Instrument :
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ClientSampleId :
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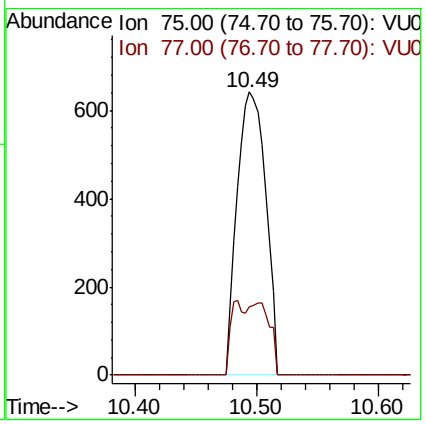
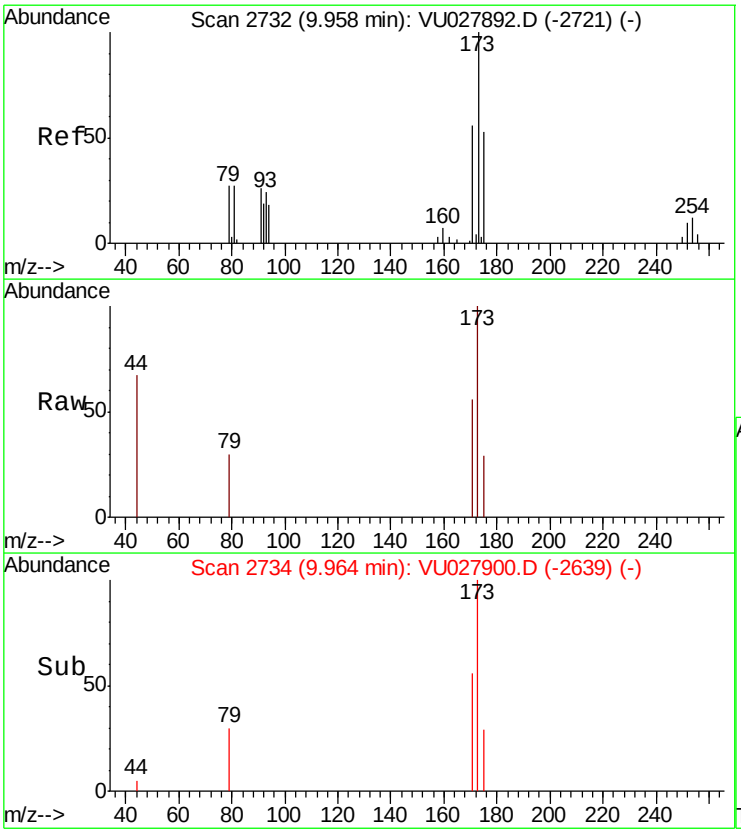
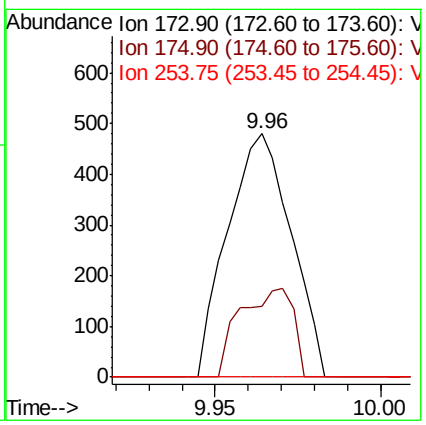


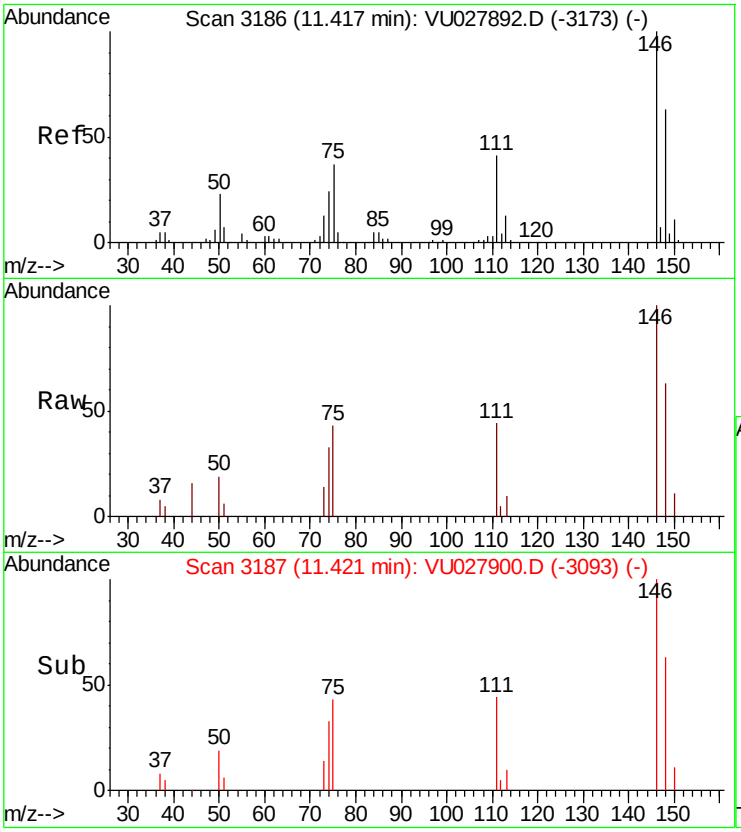


#61
Bromoform
Concen: 0.229 ug/L
RT: 9.96 min Scan# 2734
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:173 Resp: 639

Ion	Ratio	Lower	Upper
173	100		
175	30.4	38.3	57.5#
254	0.0	7.8	11.6#

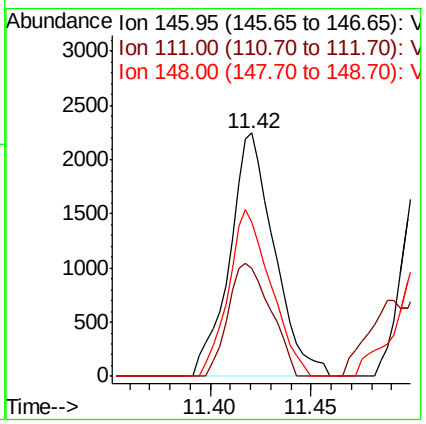




#62
1,3-Dichlorobenzene
Concen: 0.285 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:146 Resp: 3482

Ion	Ratio	Lower	Upper
146	100		
111	44.4	27.4	51.0
148	63.5	42.6	79.0



Instrument :
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ClientSampleId :
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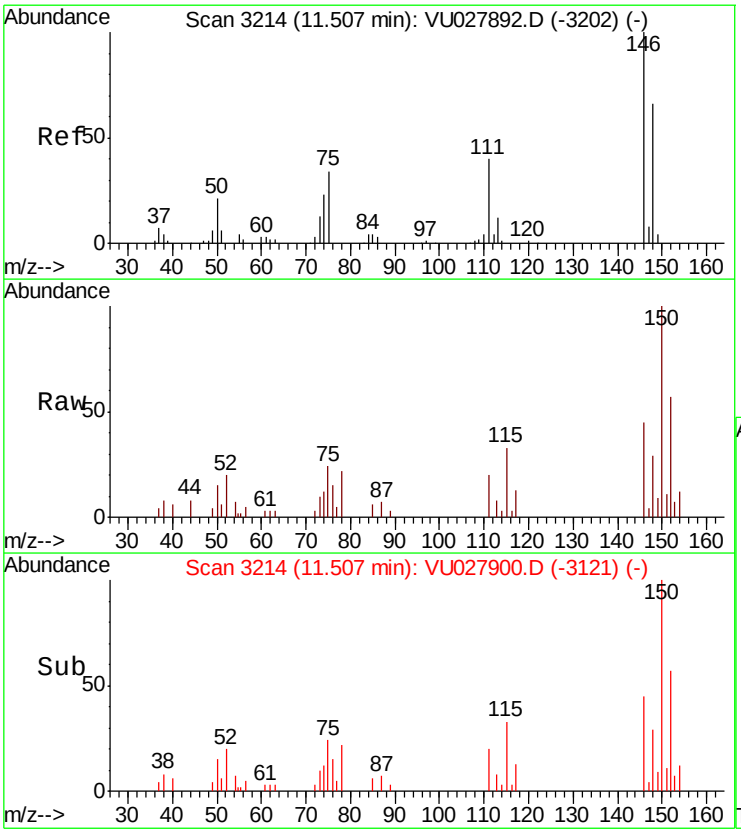
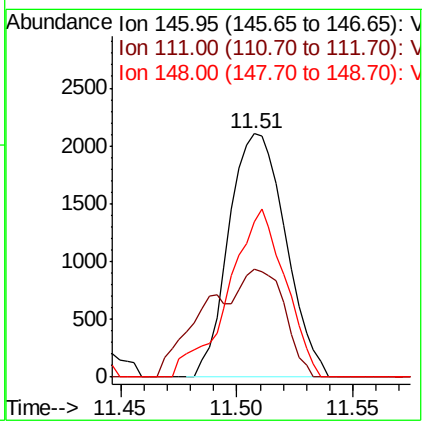
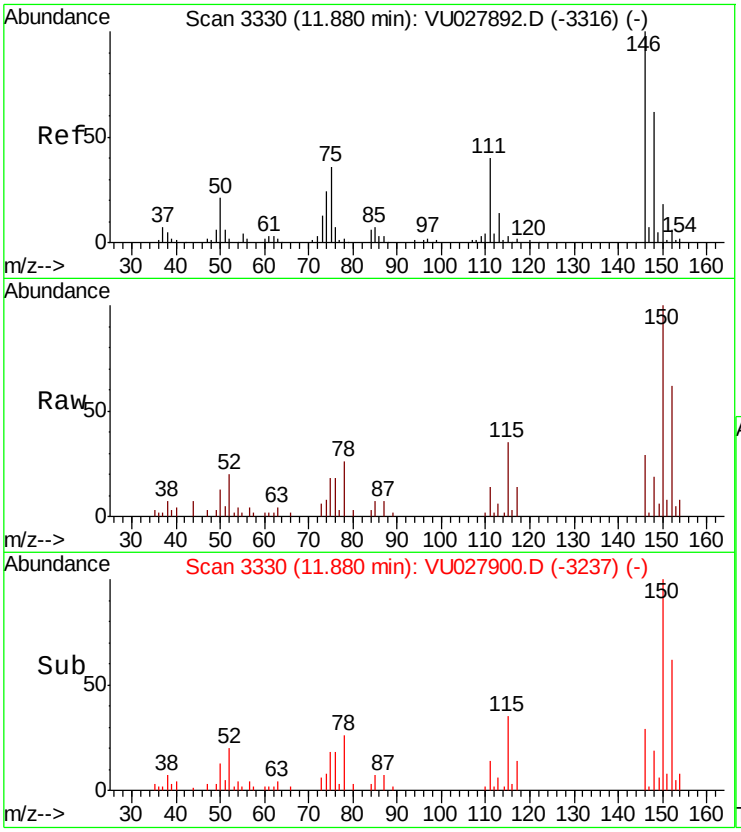


#63
1,4-Dichlorobenzene
Concen: 0.293 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:146 Resp: 3573

Ion	Ratio	Lower	Upper
146	100		
111	44.3	27.4	51.0
148	63.8	43.1	80.1

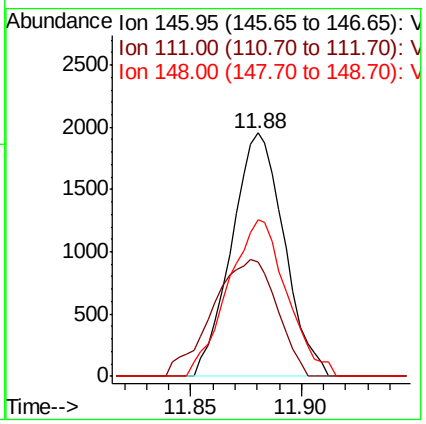




#65
1,2-Dichlorobenzene
Concen: 0.281 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:146 Resp: 3232

Ion	Ratio	Lower	Upper
146	100		
111	47.2	33.0	49.4
148	64.1	49.2	73.8



Instrument :
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ClientSampleId :
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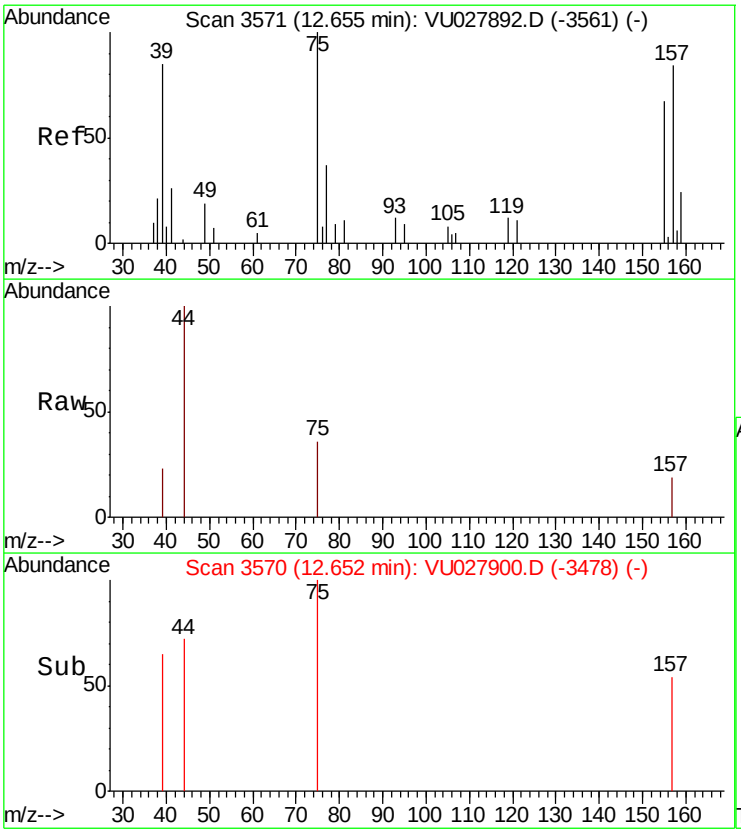
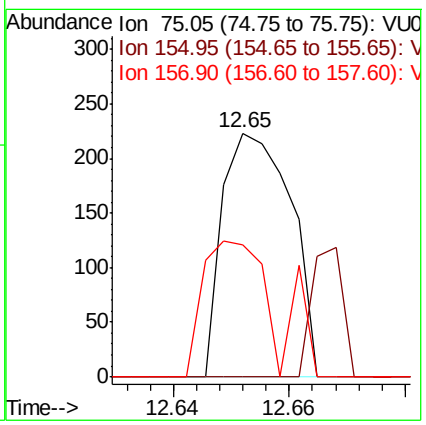
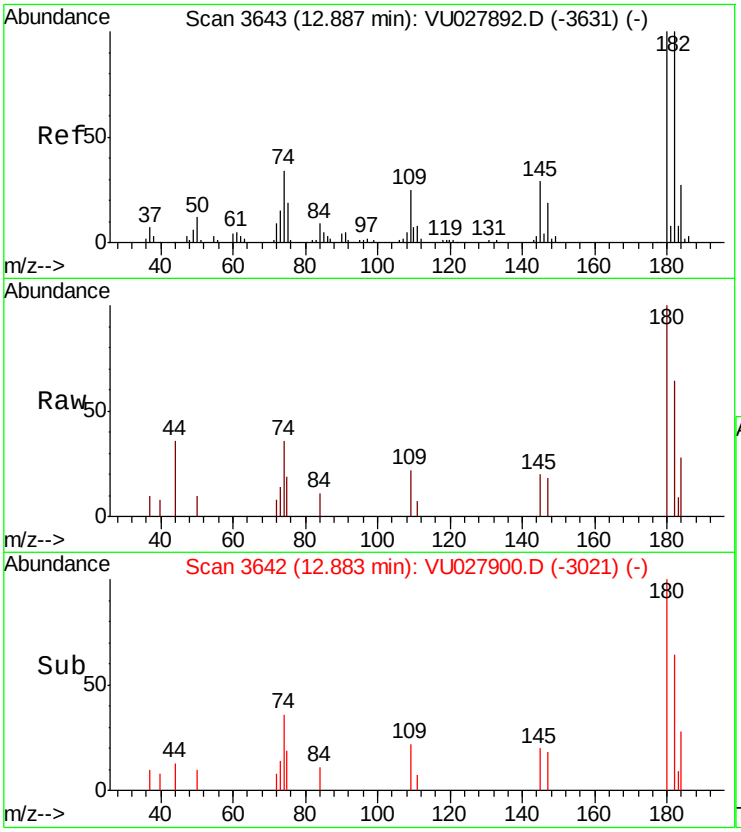


#66
1,2-Dibromo-3-chloropropane
Concen: 0.202 ug/L
RT: 12.65 min Scan# 3570
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion: 75 Resp: 182

Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.6	87.8#
157	54.3	66.7	100.1#

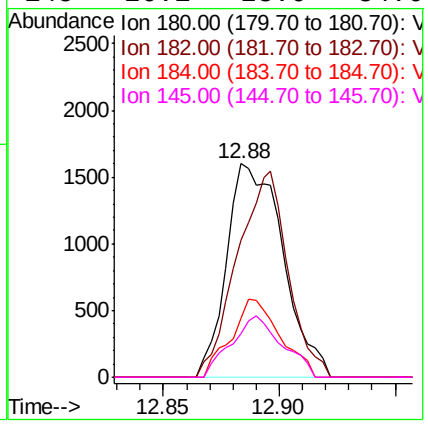




#67
1,3,5-Trichlorobenzene
Concen: 0.275 ug/L
RT: 12.88 min Scan# 3642
Delta R.T. -0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:180 Resp: 2701

Ion	Ratio	Lower	Upper
180	100		
182	86.7	77.3	115.9
184	32.0	24.6	37.0
145	26.1	23.0	34.6



Instrument :
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ClientSampleId :
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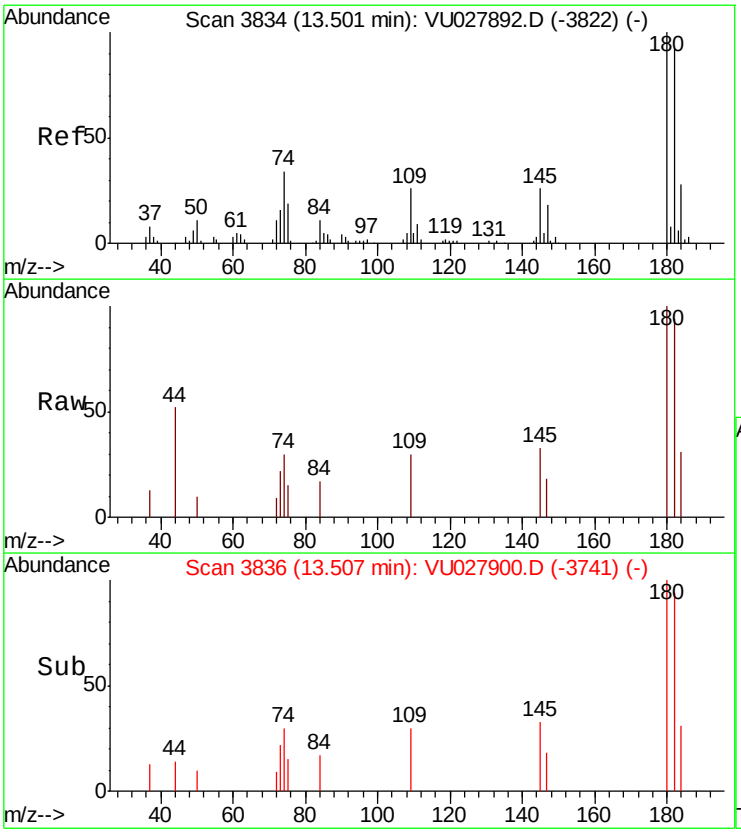
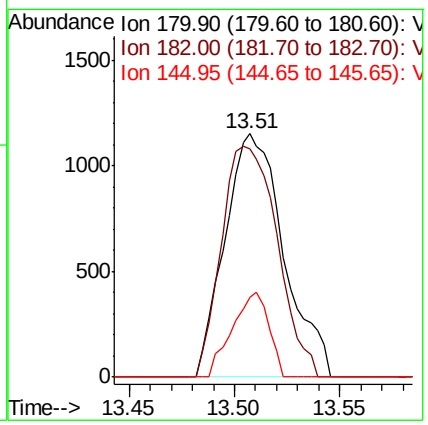
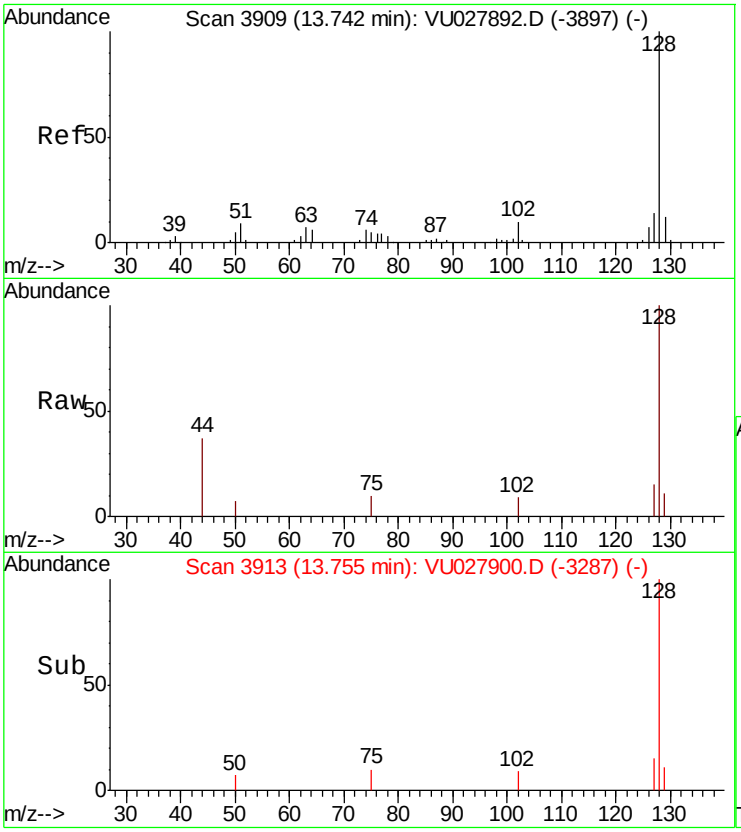


#68
1,2,4-trichlorobenzene
Concen: 0.268 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:180 Resp: 2234

Ion	Ratio	Lower	Upper
180	100		
182	89.7	77.8	116.6
145	21.5	22.9	34.3#





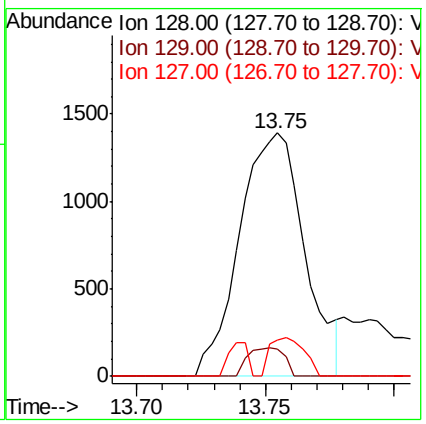
#69
Naphthalene
Concen: 0.189 ug/L
RT: 13.75 min Scan# 3913
Delta R.T. 0.01 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

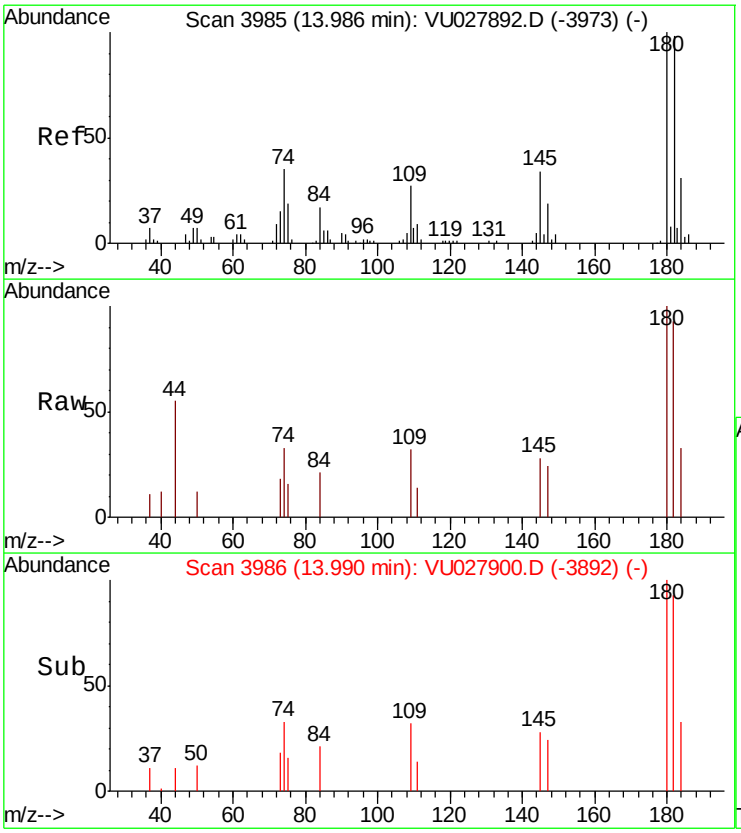
Tgt Ion:128 Resp: 2451

Ion	Ratio	Lower	Upper
128	100		
129	6.6	8.6	12.8#
127	8.5	10.5	15.7#

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:26 PM





#70
1,2,3-Trichlorobenzene
Concen: 0.256 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU027900.D
Acq: 01 Nov 2018 13:35

Tgt Ion:180 Resp: 1949

Ion	Ratio	Lower	Upper
180	100		
182	97.1	79.4	119.0
145	26.0	25.4	38.0