Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071619\
Data File : VX010907.D
Acq On : 16 Jul 2019 15:32
Operator : JC/SP
Sample : K3591-07 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

Quant Time: Jul 17 06:34:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 05:51:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	227267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	339712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115121	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.22%			
35) Dibromofluoromethane	5.49	113	101681	47.16	ug/l	-0.01
Spiked Amount 50.000			Recovery = 94.32%			
50) Toluene-d8	8.71	98	389190	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.24%			
62) 4-Bromofluorobenzene	11.13	95	134627	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.58%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	905	0.433	ug/l	98
4) Vinyl Chloride	1.41	62	637	0.299	ug/l #	76
5) Bromomethane	1.65	94	1311	1.091	ug/l	85
6) Chloroethane	1.73	64	790	0.583	ug/l	89
7) Trichlorofluoromethane	1.93	101	873	0.242	ug/l #	79
8) Diethyl Ether	2.19	74	517	0.416	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	550	0.267	ug/l #	77
10) Methyl Iodide	2.51	142	897	0.332	ug/l #	95
11) Tert butyl alcohol	3.02	59	2535	4.502	ug/l #	89
12) 1,1-Dichloroethene	2.37	96	665	0.329	ug/l	90
13) Acrolein	2.29	56	886	2.723	ug/l #	70
14) Allyl chloride	2.73	41	1050	0.357	ug/l #	82
15) Acrylonitrile	3.14	53	1804	1.586	ug/l	86
16) Acetone	2.44	43	1667	1.527	ug/l	96
17) Carbon Disulfide	2.57	76	3488	0.672	ug/l #	92
18) Methyl Acetate	2.77	43	1155	0.465	ug/l #	86
19) Methyl tert-butyl Ether	3.19	73	1669	0.256	ug/l #	91
20) Methylene Chloride	2.85	84	1024	0.442	ug/l #	75
21) trans-1,2-Dichloroethene	3.17	96	989	0.460	ug/l #	70
22) Diisopropyl ether	3.85	45	1752	0.283	ug/l #	93
23) Vinyl Acetate	3.82	43	5378	1.024	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	1036	0.288	ug/l #	82
25) 2-Butanone	4.68	43	1993	1.271	ug/l #	79
26) 2,2-Dichloropropane	4.57	77	1003	0.339	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	1038	0.418	ug/l	86
28) Bromochloromethane	5.03	49	875m	0.516	ug/l	
29) Tetrahydrofuran	5.14	42	1163	1.171	ug/l #	61
30) Chloroform	5.20	83	1545m	0.397	ug/l	
31) Cyclohexane	5.58	56	888m	0.271	ug/l	
32) 1,1,1-Trichloroethane	5.48	97	859	0.255	ug/l #	35
36) 1,1-Dichloropropene	5.81	75	1045	0.374	ug/l #	91
37) Ethyl Acetate	4.85	43	1005m	0.352	ug/l	
38) Carbon Tetrachloride	5.78	117	862	0.296	ug/l #	88
39) Methylcyclohexane	7.46	83	1029	0.284	ug/l #	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071619\
Data File : VX010907.D
Acq On : 16 Jul 2019 15:32
Operator : JC/SP
Sample : K3591-07 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

Quant Time: Jul 17 06:34:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 05:51:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) Benzene	6.13	78	2326	0.272	ug/l		94
41) Methacrylonitrile	5.05	41	493	0.304	ug/l	#	57
42) 1,2-Dichloroethane	6.19	62	1191	0.401	ug/l		83
43) Isopropyl Acetate	6.45	43	1365	0.291	ug/l	#	92
44) Trichloroethene	7.22	130	863	0.341	ug/l		91
45) 1,2-Dichloropropane	7.51	63	638	0.293	ug/l	#	87
46) Dibromomethane	7.66	93	487	0.313	ug/l		91
47) Bromodichloromethane	7.89	83	737	0.266	ug/l	#	87
48) Methyl methacrylate	7.77	41	865	0.378	ug/l	#	62
49) 1,4-Dioxane	7.74	88	298	4.655	ug/l	#	80
51) 4-Methyl-2-Pentanone	8.64	43	3345	1.098	ug/l		97
52) Toluene	8.78	92	1655	0.295	ug/l		100
53) t-1,3-Dichloropropene	9.04	75	718	0.241	ug/l		94
54) cis-1,3-Dichloropropene	8.43	75	725	0.219	ug/l	#	86
55) 1,1,2-Trichloroethane	9.22	97	514	0.222	ug/l	#	81
56) Ethyl methacrylate	9.18	69	677	0.200	ug/l	#	30
57) 1,3-Dichloropropane	9.37	76	854	0.233	ug/l	#	67
58) 2-Chloroethyl Vinyl ether	8.31	63	1424	0.882	ug/l	#	87
59) 2-Hexanone	9.50	43	2243	0.950	ug/l		85
61) 1,2-Dibromoethane	9.66	107	695	0.283	ug/l		98
64) Tetrachloroethene	9.34	164	791	0.330	ug/l	#	79
65) Chlorobenzene	10.13	112	1910	0.305	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.22	131	535	0.243	ug/l	#	62
67) Ethyl Benzene	10.25	91	2714	0.254	ug/l		90
68) m/p-Xylenes	10.36	106	2031	0.496	ug/l		97
69) o-Xylene	10.70	106	1149	0.288	ug/l		75
70) Styrene	10.71	104	1549	0.233	ug/l		91
73) Isopropylbenzene	11.02	105	2628	0.265	ug/l		89
74) N-amyl acetate	10.90	43	1038	0.274	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.27	83	842	0.259	ug/l	#	83
76) 1,2,3-Trichloropropane	11.29	75	590m	0.223	ug/l		
77) Bromobenzene	11.26	156	968	0.354	ug/l		83
78) n-propylbenzene	11.36	91	2969	0.271	ug/l		97
79) 2-Chlorotoluene	11.42	91	1792	0.272	ug/l		92
80) 1,3,5-Trimethylbenzene	11.51	105	2118	0.255	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.07	75	221m	0.229	ug/l		
82) 4-Chlorotoluene	11.51	91	2308	0.301	ug/l		91
83) tert-Butylbenzene	11.77	119	1902	0.234	ug/l		94
84) 1,2,4-Trimethylbenzene	11.80	105	2069	0.248	ug/l		99
85) sec-Butylbenzene	11.94	105	2262	0.237	ug/l		97
86) p-Isopropyltoluene	12.07	119	2170	0.246	ug/l	#	71
87) 1,3-Dichlorobenzene	12.02	146	1586	0.334	ug/l		93
88) 1,4-Dichlorobenzene	12.09	146	1954m	0.401	ug/l		
89) n-Butylbenzene	12.39	91	1940	0.257	ug/l		97
90) Hexachloroethane	12.60	117	302	0.217	ug/l		88
91) 1,2-Dichlorobenzene	12.39	146	1373	0.292	ug/l		87
92) 1,2-Dibromo-3-Chloropropan	13.00	75	163	0.240	ug/l		73
93) 1,2,4-Trichlorobenzene	13.64	180	986	0.309	ug/l		80
94) Hexachlorobutadiene	13.78	225	495	0.313	ug/l		88
95) Naphthalene	13.83	128	2665	0.283	ug/l		96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\
Data File : VX010907.D
Acq On : 16 Jul 2019 15:32
Operator : JC/SP
Sample : K3591-07 0.2PPB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

Quant Time: Jul 17 06:34:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 05:51:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	1150	0.362	ug/l	96

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

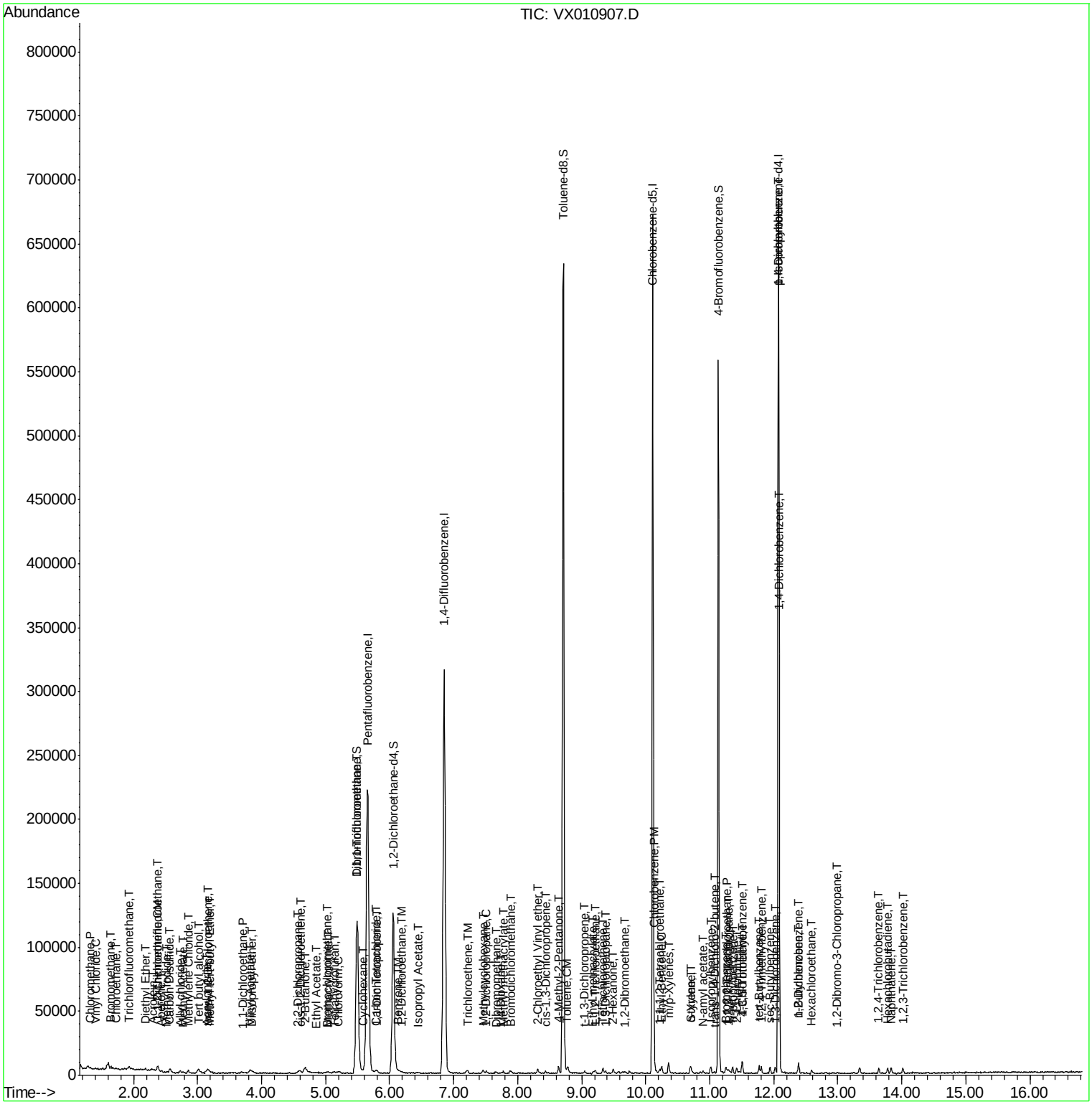
Quantitation Report (QT Reviewed)

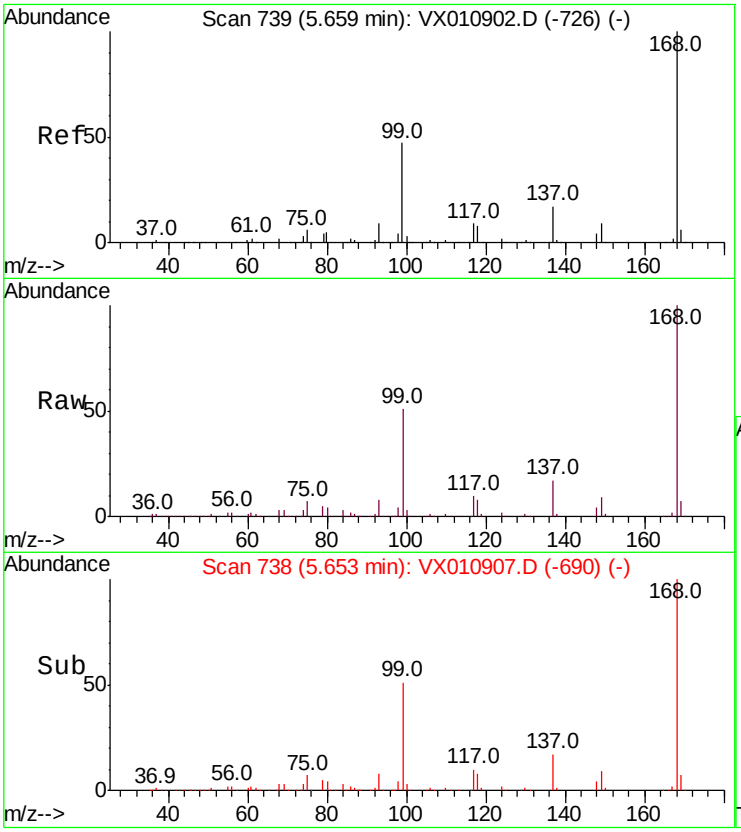
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071619\
Data File : VX010907.D
Acq On : 16 Jul 2019 15:32
Operator : JC/SP
Sample : K3591-07 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 17 06:34:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 05:51:36 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

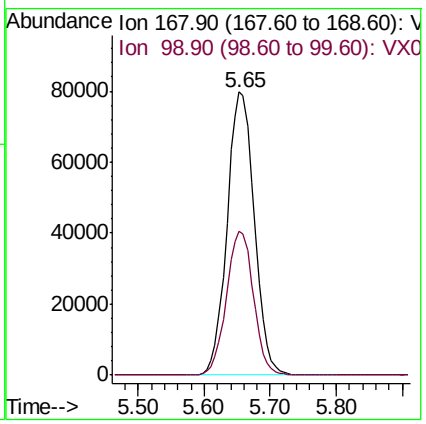




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

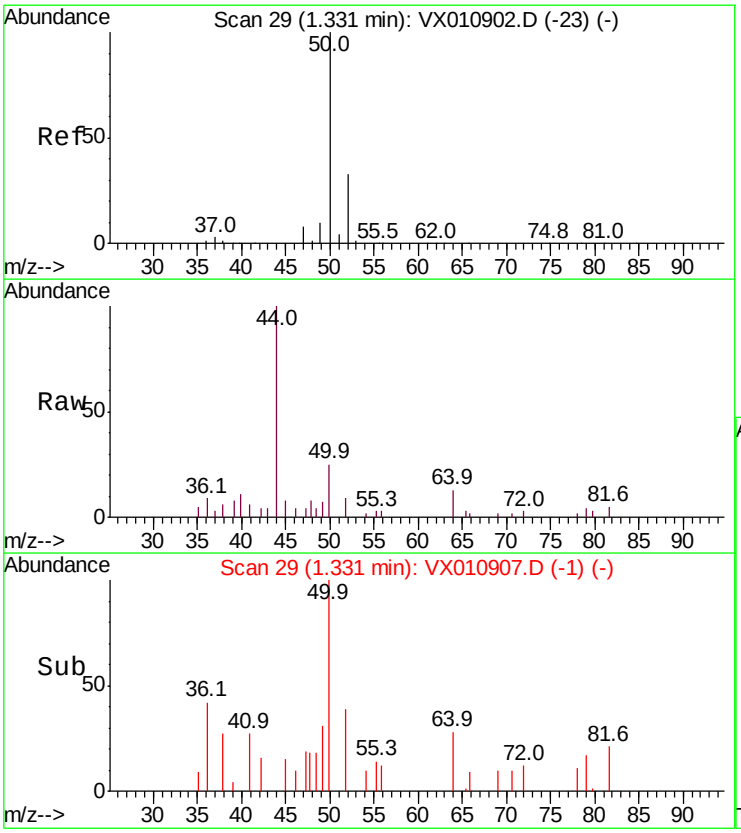
Tgt Ion:168 Resp: 227267

Ion	Ratio	Lower	Upper
168	100		
99	50.9	37.6	56.4



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

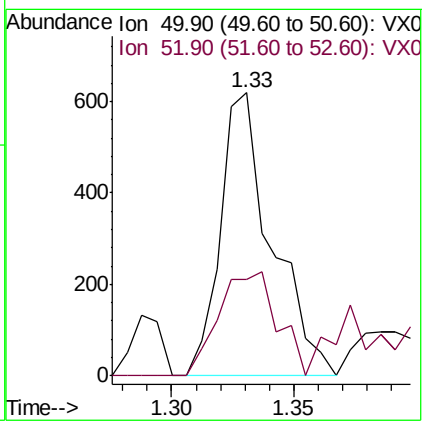
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

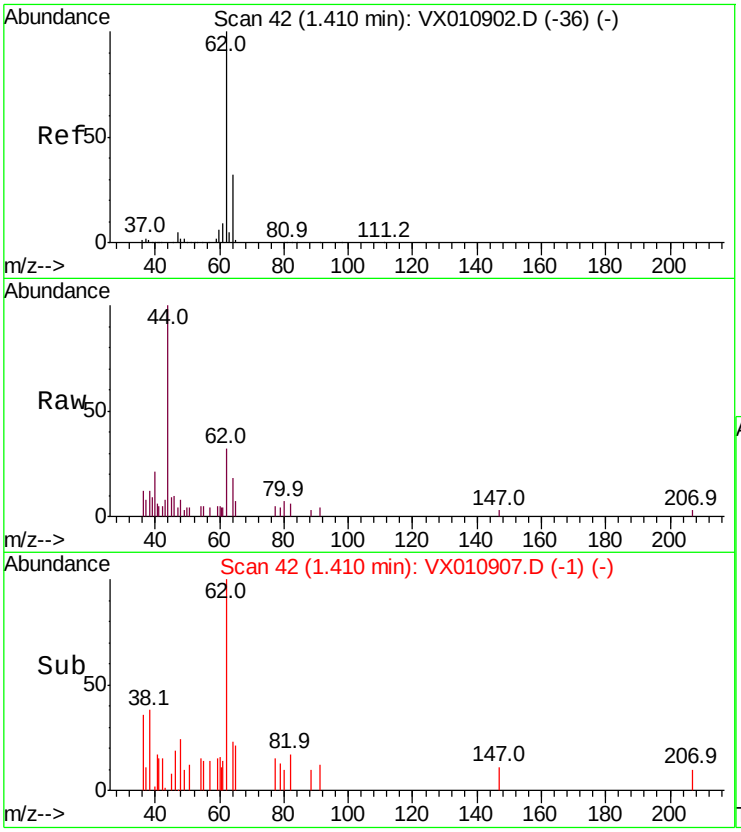


#3
Chloromethane
Concen: 0.433 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 50 Resp: 905

Ion	Ratio	Lower	Upper
50	100		
52	34.1	26.4	39.6





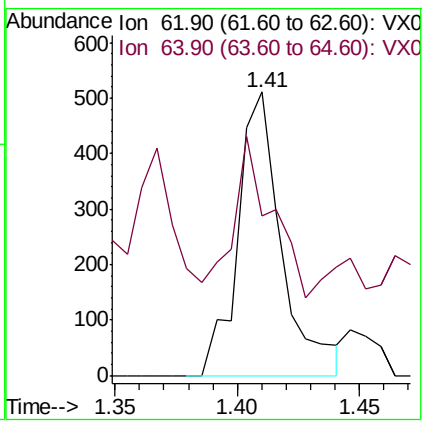
#4
Vinyl Chloride
Concen: 0.299 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

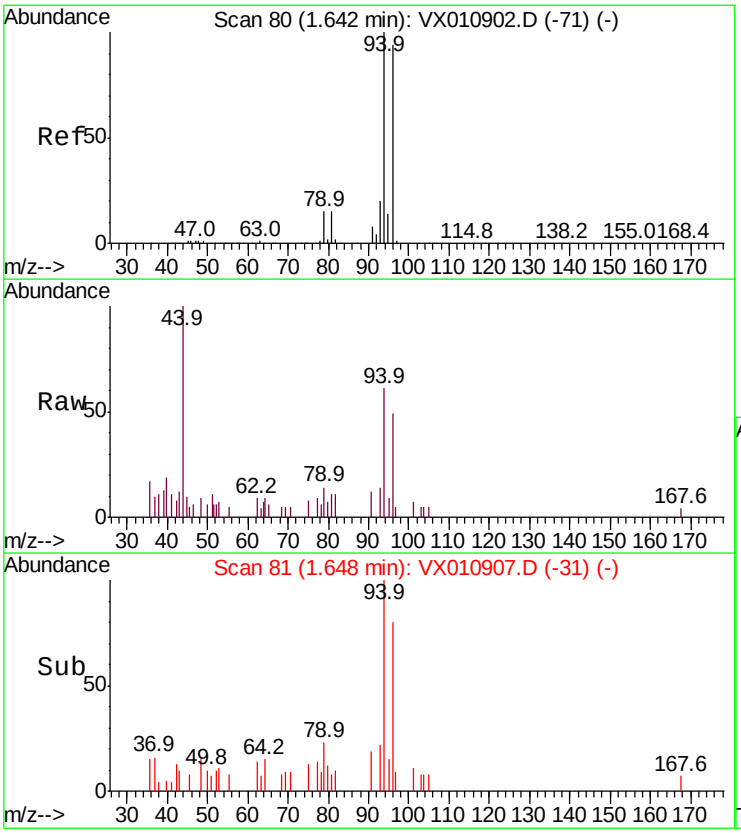
Tgt Ion: 62 Resp: 637

Ion	Ratio	Lower	Upper
62	100		
64	18.8	25.7	38.5#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

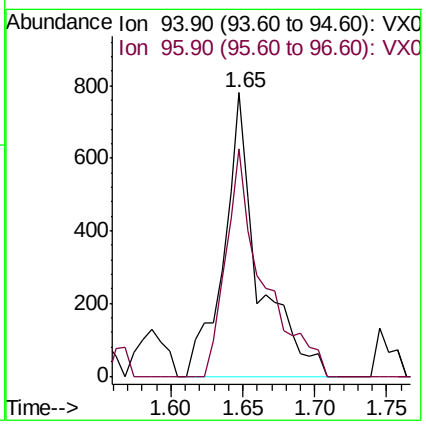


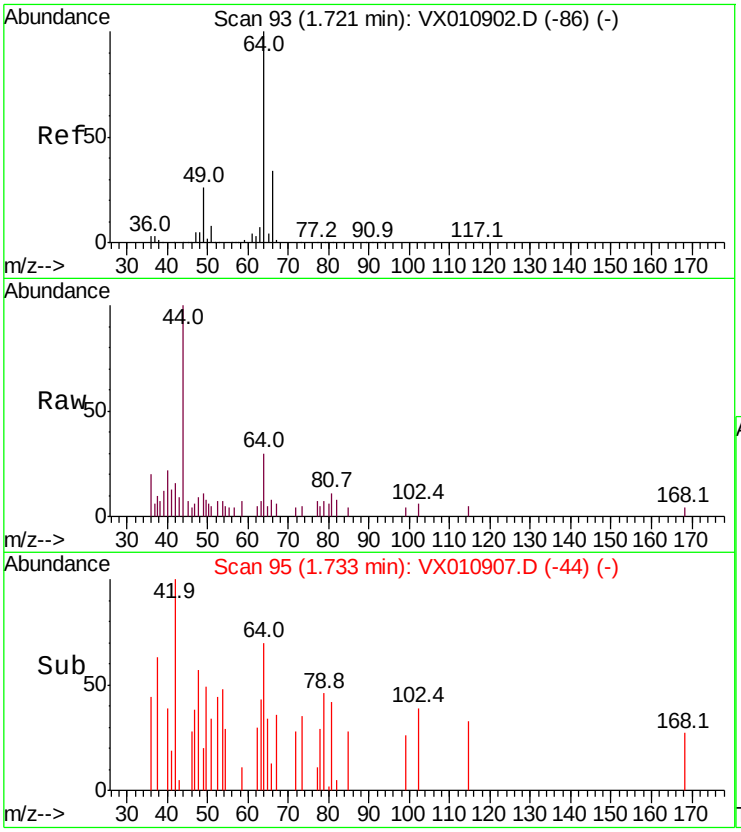


#5
Bromomethane
Concen: 1.091 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 94 Resp: 1311

Ion	Ratio	Lower	Upper
94	100		
96	80.1	75.6	113.4





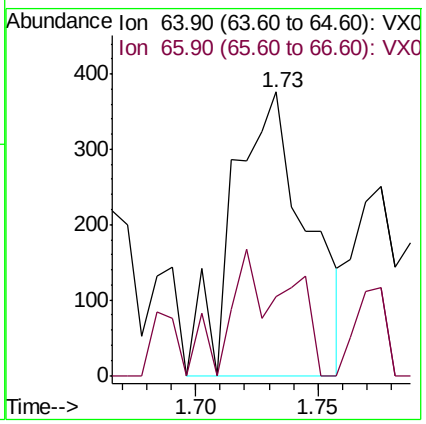
#6
Chloroethane
Concen: 0.583 ug/l
RT: 1.73 min Scan# 95
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

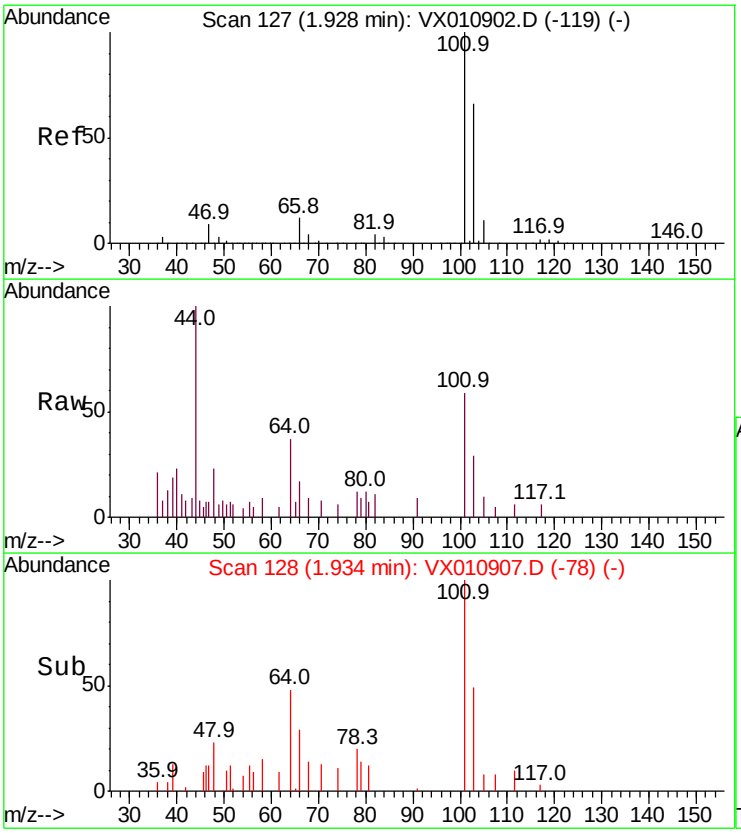
Tgt Ion: 64 Resp: 790

Ion	Ratio	Lower	Upper
64	100		
66	27.7	27.0	40.6

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

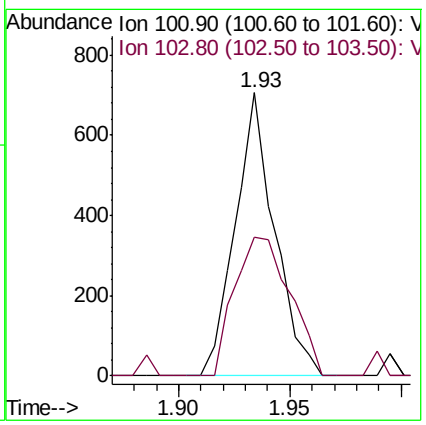


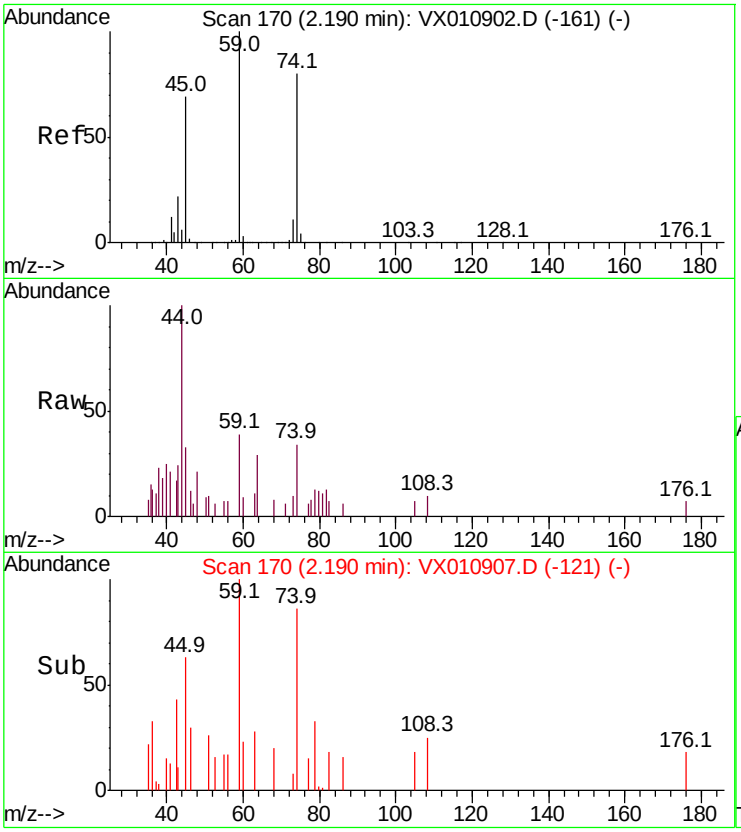


#7
Trichlorofluoromethane
Concen: 0.242 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:101 Resp: 873

Ion	Ratio	Lower	Upper
101	100		
103	48.9	52.6	78.8#





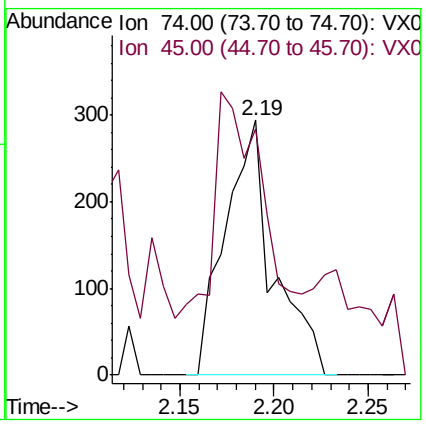
#8
Diethyl Ether
Concen: 0.416 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

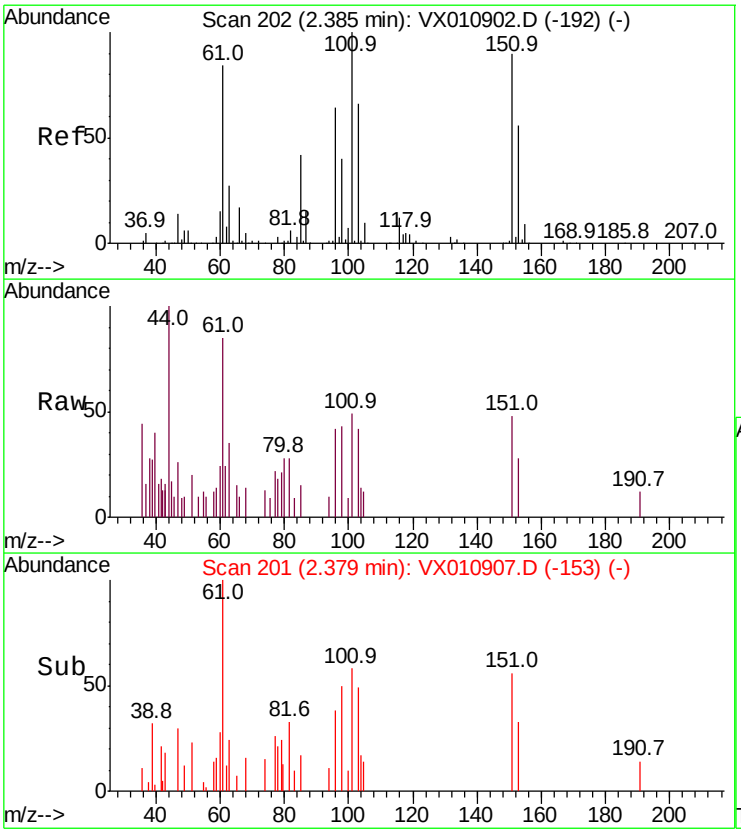
Tgt Ion: 74 Resp: 517

Ion	Ratio	Lower	Upper
74	100		
45	79.9	45.5	136.5

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

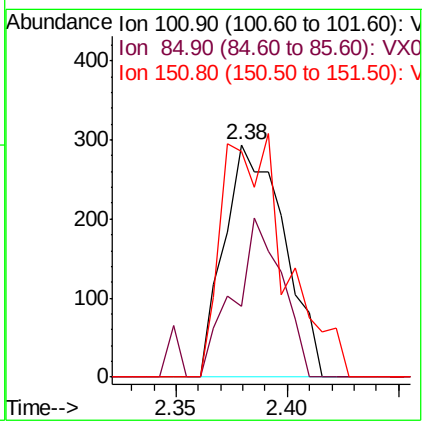


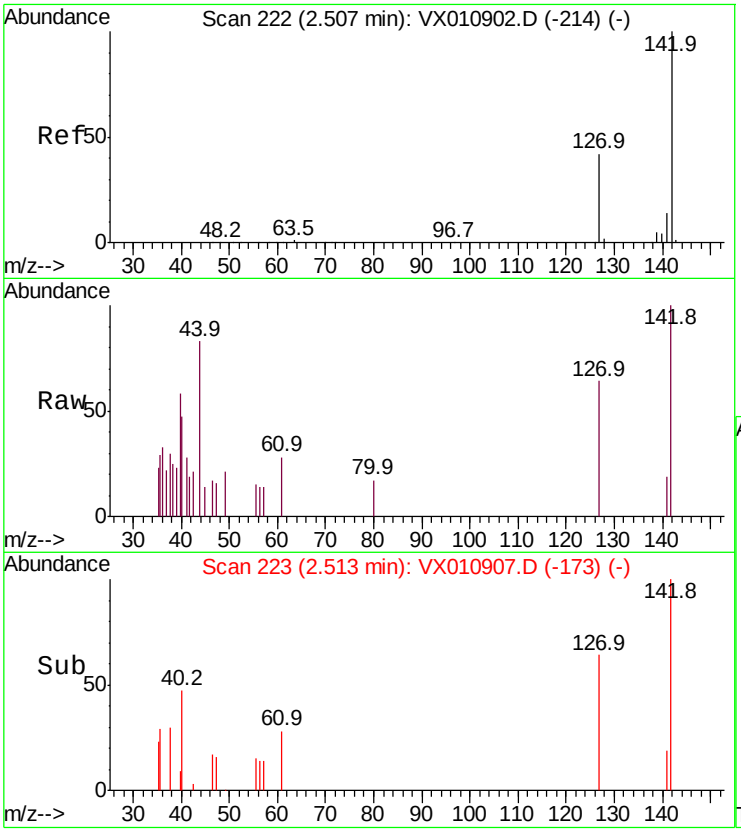


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.267 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:101 Resp: 550

Ion	Ratio	Lower	Upper
101	100		
85	54.7	34.6	52.0#
151	110.9	69.6	104.4#

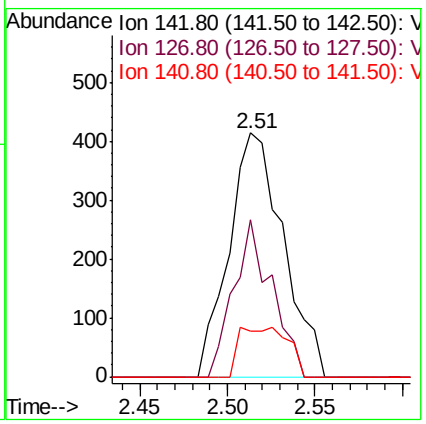




#10
Methyl Iodide
Concen: 0.332 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

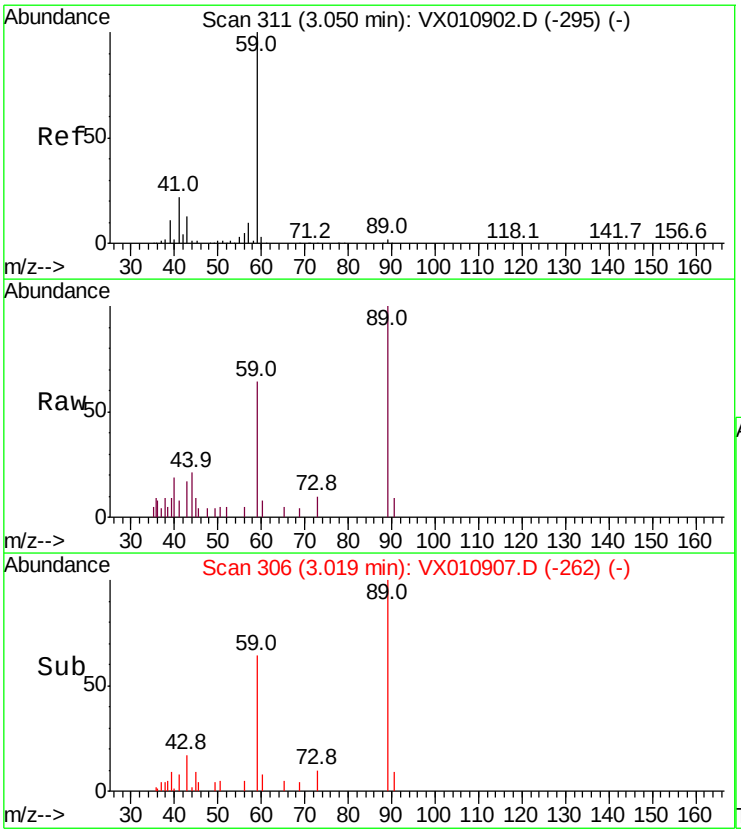
Tgt Ion:142 Resp: 897

Ion	Ratio	Lower	Upper
142	100		
127	45.0	34.2	51.4
141	18.2	11.7	17.5#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

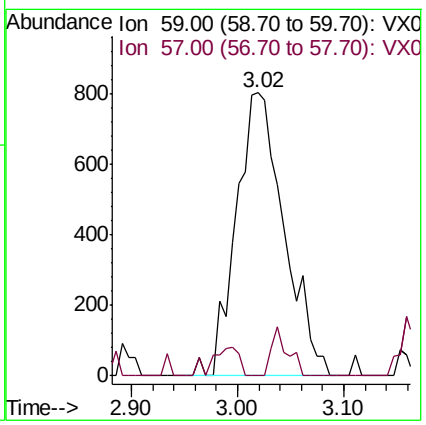
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

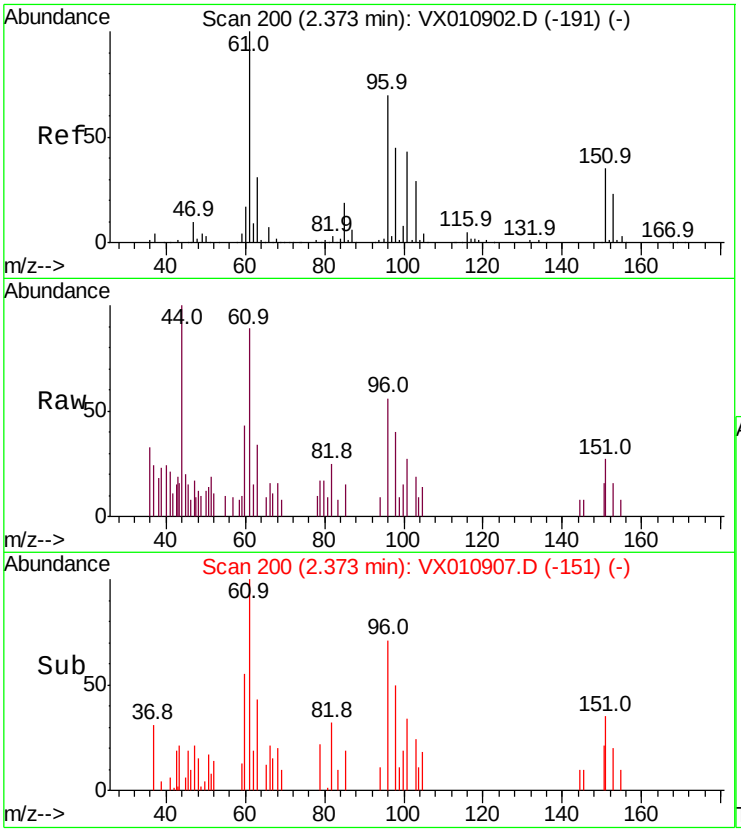


#11
Tert butyl alcohol
Concen: 4.502 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 59 Resp: 2535

Ion	Ratio	Lower	Upper
59	100		
57	5.8	7.9	11.9#

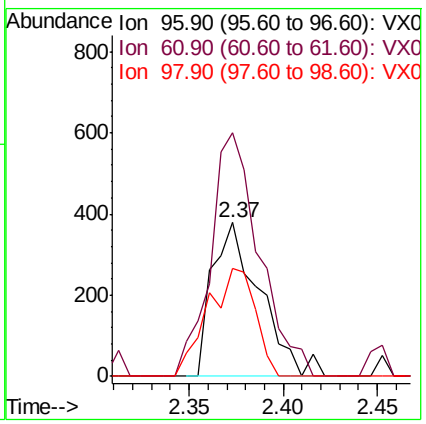




#12
1,1-Dichloroethene
Concen: 0.329 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

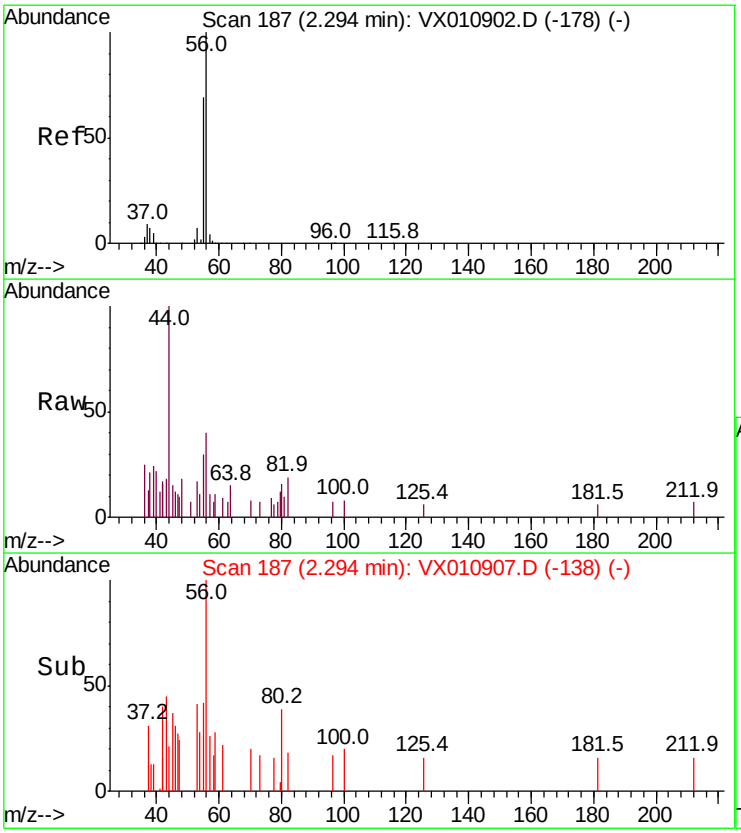
Tgt Ion: 96 Resp: 665

Ion	Ratio	Lower	Upper
96	100		
61	158.3	115.0	172.4
98	70.4	52.2	78.2



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

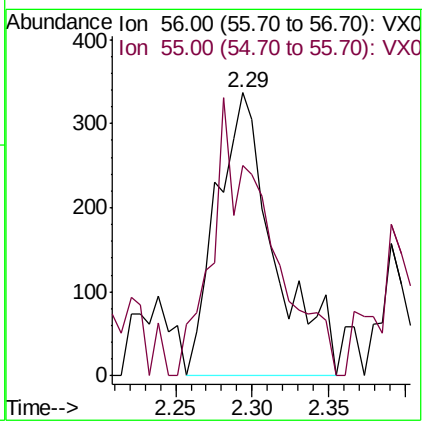
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

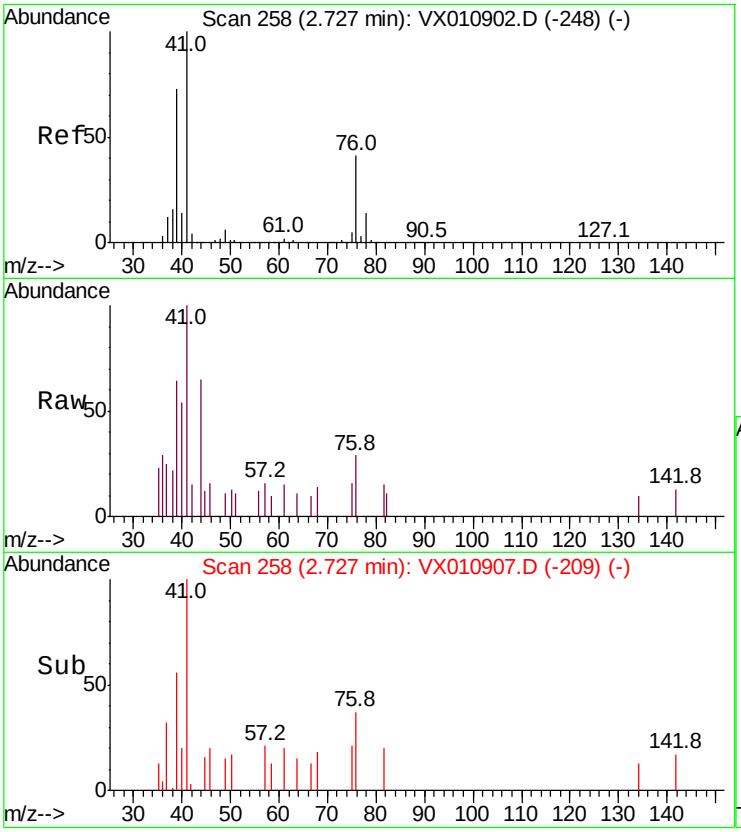


#13
Acrolein
Concen: 2.723 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 56 Resp: 886

Ion	Ratio	Lower	Upper
56	100		
55	94.7	55.9	83.9#





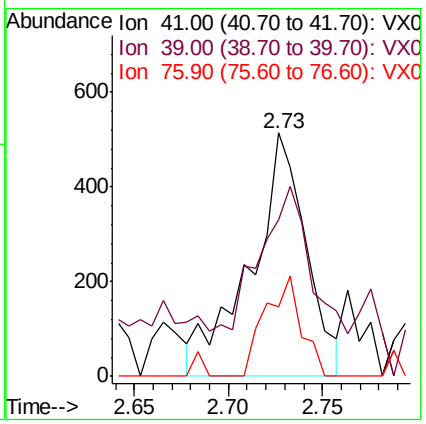
#14
Allyl chloride
Concen: 0.357 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

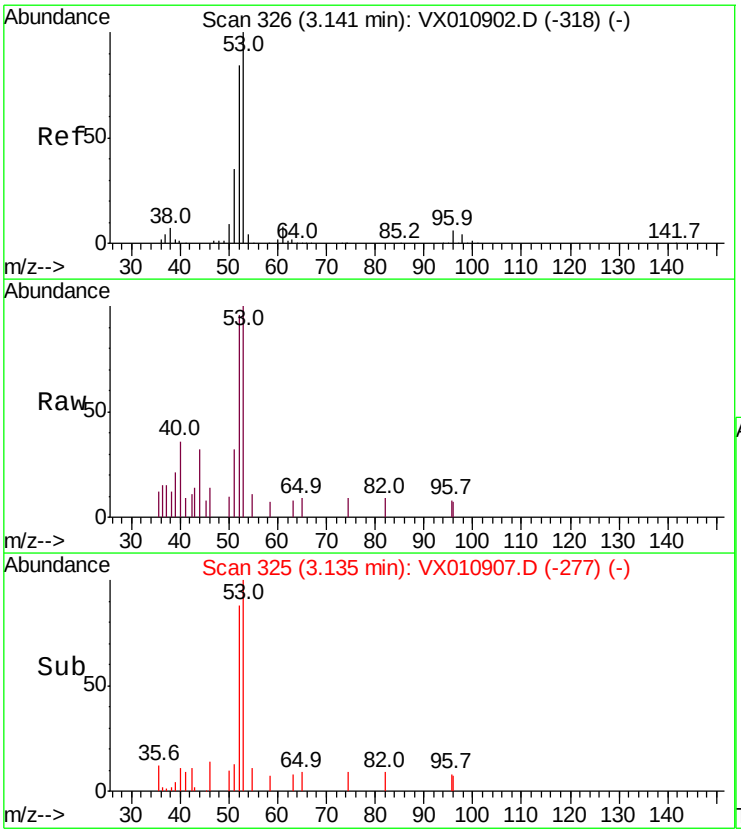
Tgt Ion: 41 Resp: 1050

Ion	Ratio	Lower	Upper
41	100		
39	51.9	53.6	80.4#
76	26.9	29.7	44.5#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

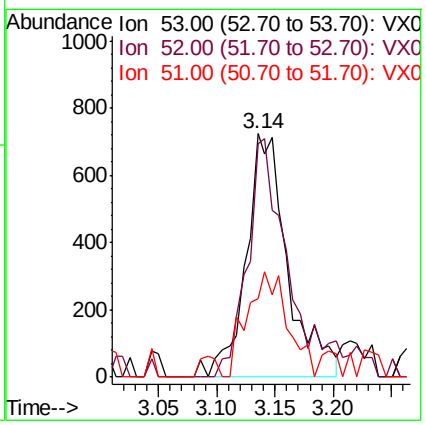


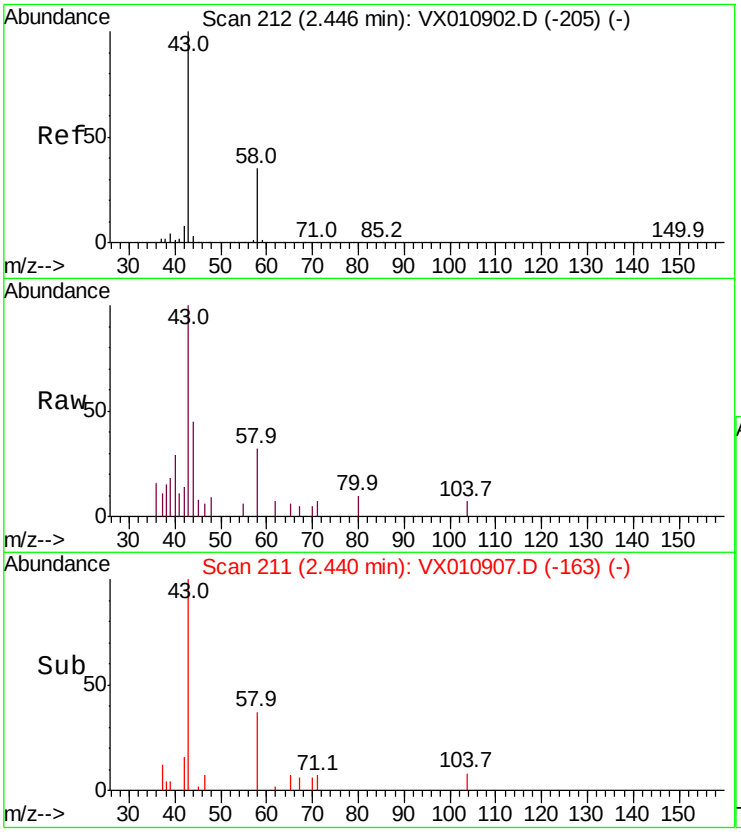


#15
Acrylonitrile
Concen: 1.586 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 53 Resp: 1804

Ion	Ratio	Lower	Upper
53	100		
52	96.8	66.5	99.7
51	42.3	28.2	42.4





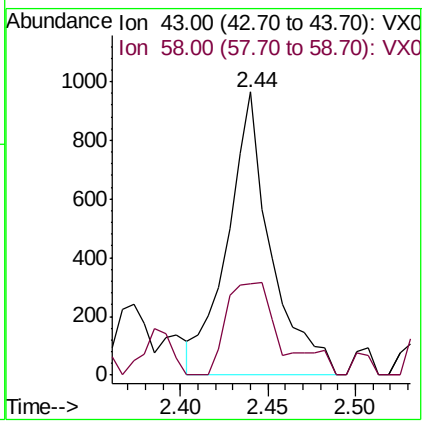
#16
Acetone
Concen: 1.527 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

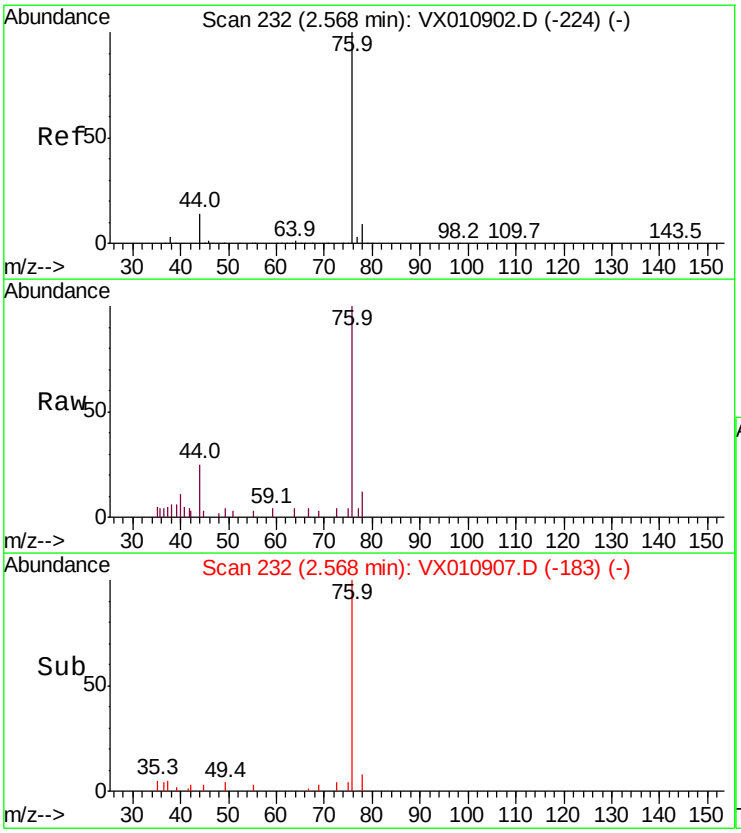
Tgt Ion: 43 Resp: 1667

Ion	Ratio	Lower	Upper
43	100		
58	32.3	27.7	41.5

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

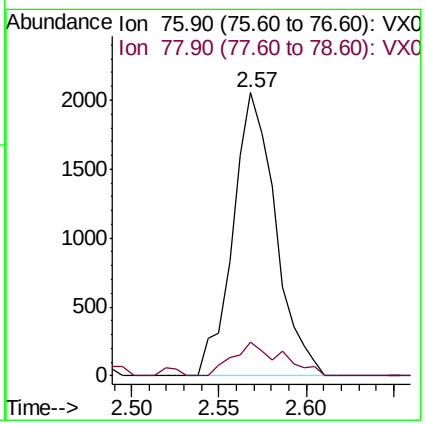


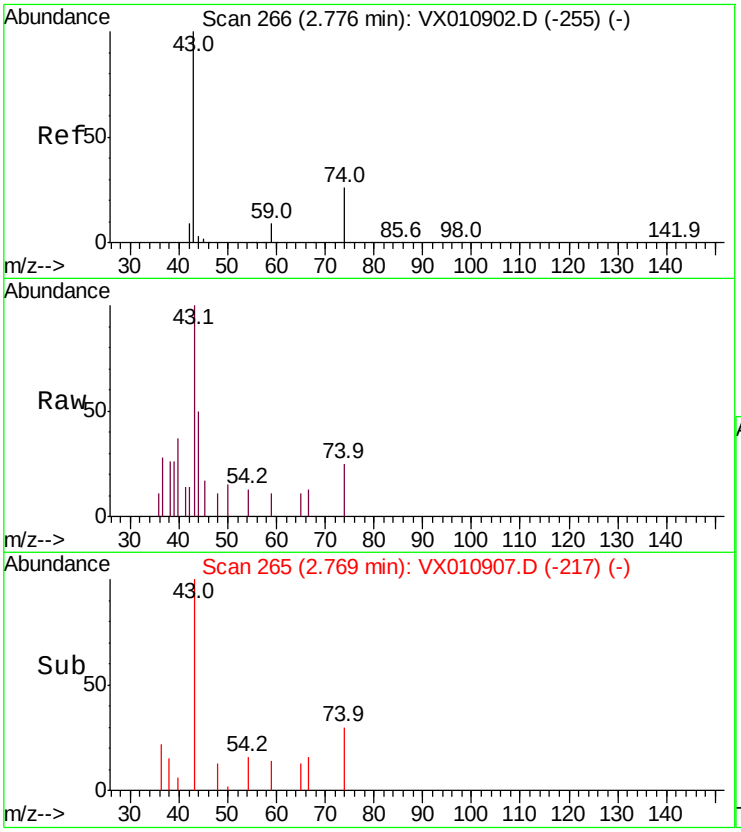


#17
Carbon Disulfide
Concen: 0.672 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 76 Resp: 3488

Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.4	11.0#





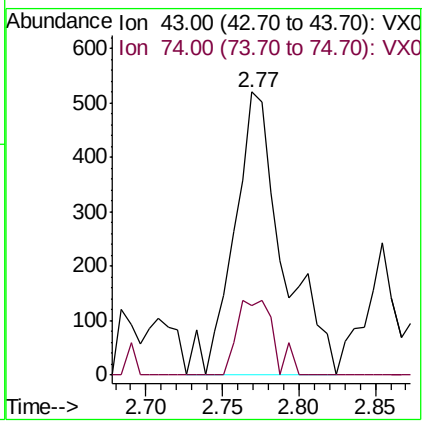
#18
Methyl Acetate
Concen: 0.465 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

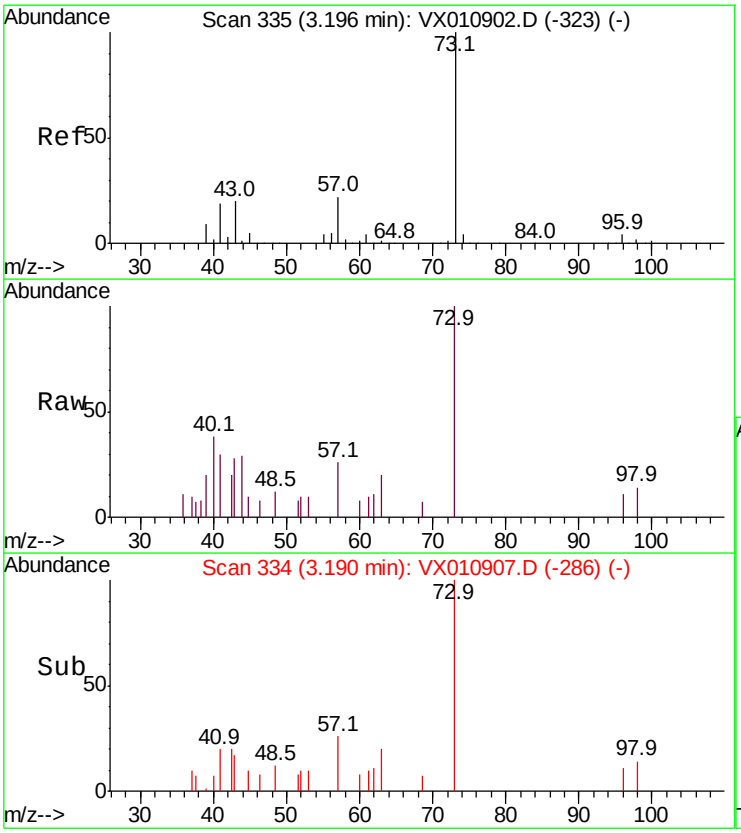
Tgt Ion: 43 Resp: 1155

Ion	Ratio	Lower	Upper
43	100		
74	19.9	21.5	32.3#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

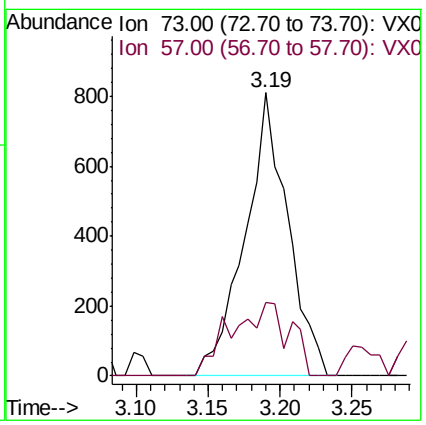


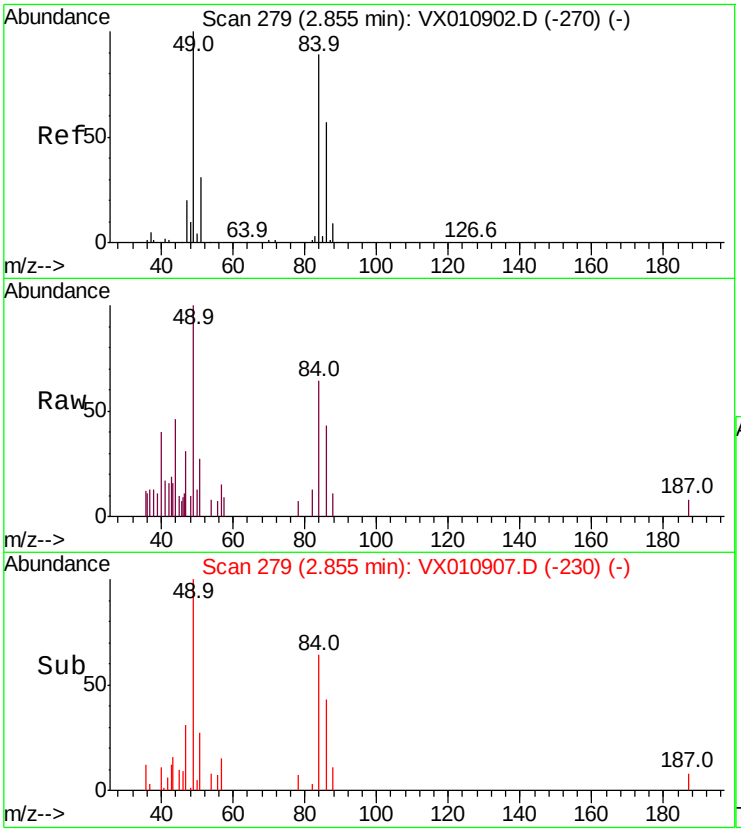


#19
Methyl tert-butyl Ether
Concen: 0.256 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 73 Resp: 1669

Ion	Ratio	Lower	Upper
73	100		
57	26.0	17.3	25.9#

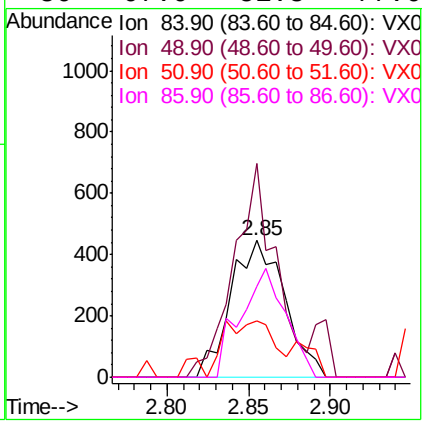




#20
Methylene Chloride
Concen: 0.442 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

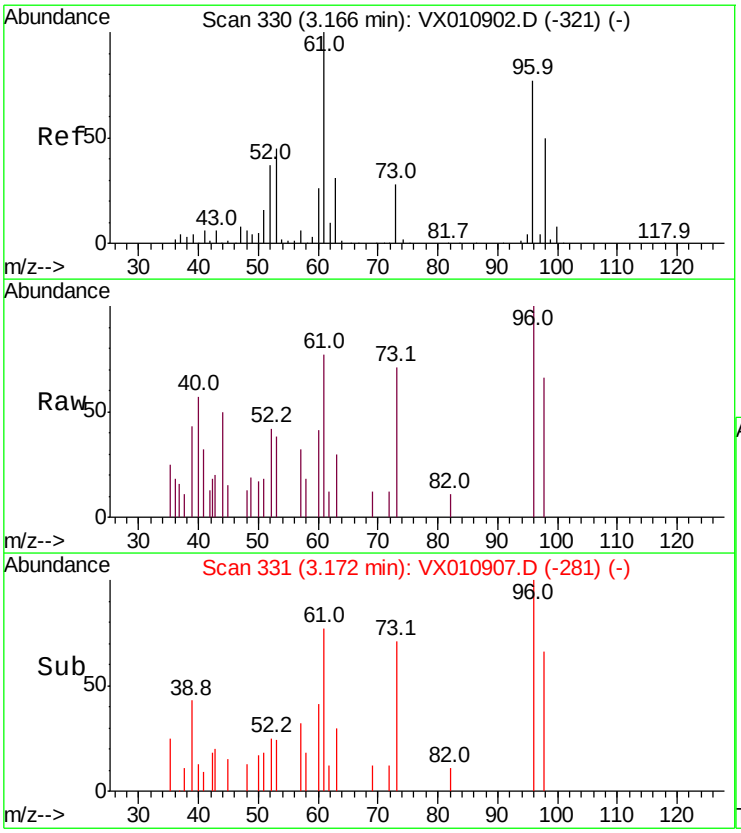
Tgt Ion: 84 Resp: 1024

Ion	Ratio	Lower	Upper
84	100		
49	156.6	89.9	134.9#
51	41.6	27.8	41.6
86	67.0	51.8	77.6



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

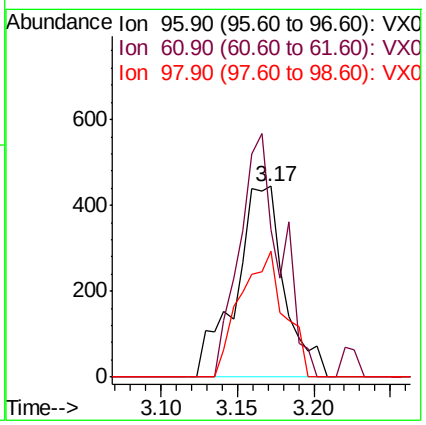
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

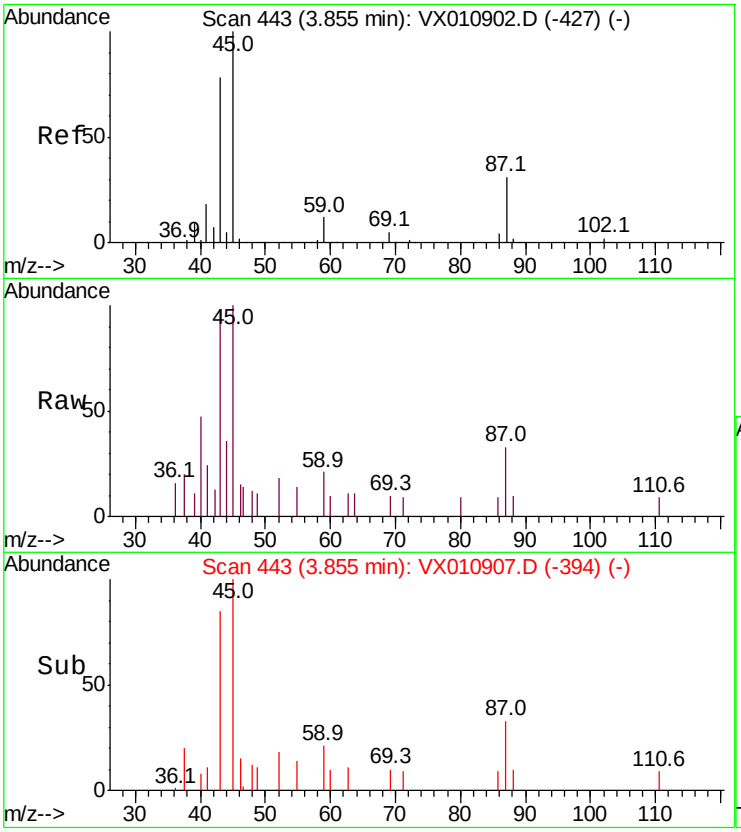


#21
trans-1,2-Dichloroethene
Concen: 0.460 ug/l
RT: 3.17 min Scan# 331
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 96 Resp: 989

Ion	Ratio	Lower	Upper
96	100		
61	77.5	104.2	156.2#
98	66.2	52.2	78.4

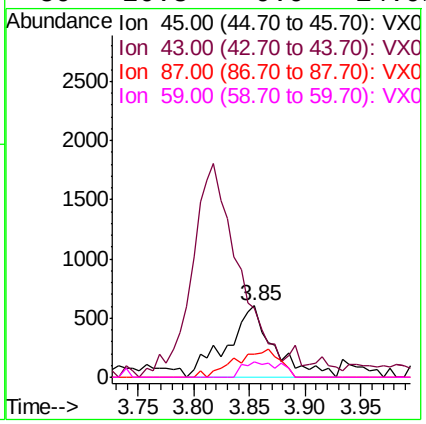




#22
Diisopropyl ether
Concen: 0.283 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

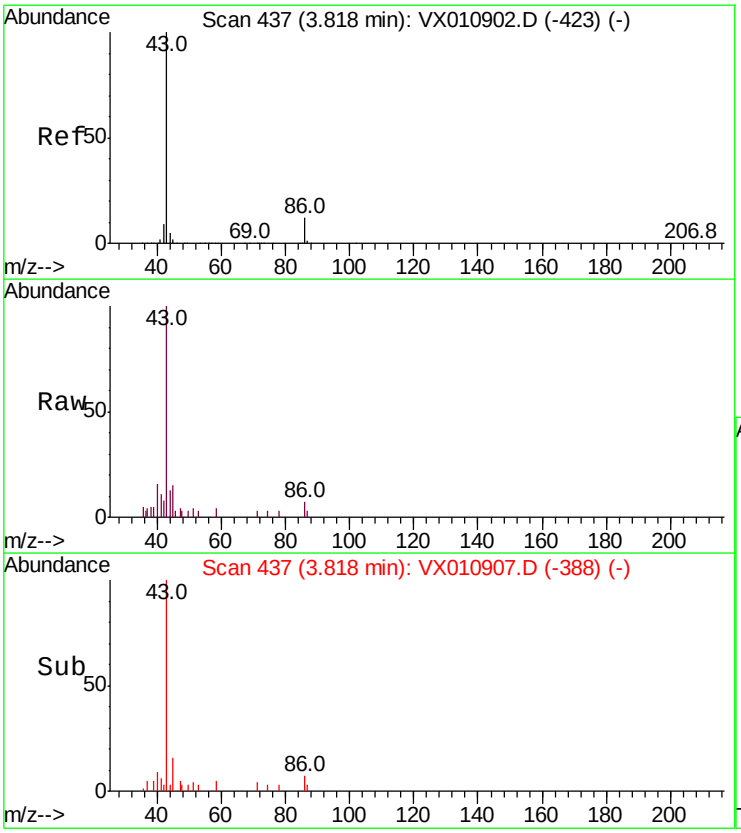
Tgt Ion: 45 Resp: 1752

Ion	Ratio	Lower	Upper
45	100		
43	83.4	62.3	93.5
87	33.2	25.0	37.4
59	20.8	9.9	14.9#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

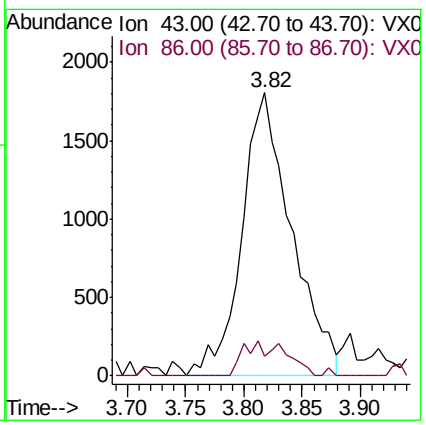
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

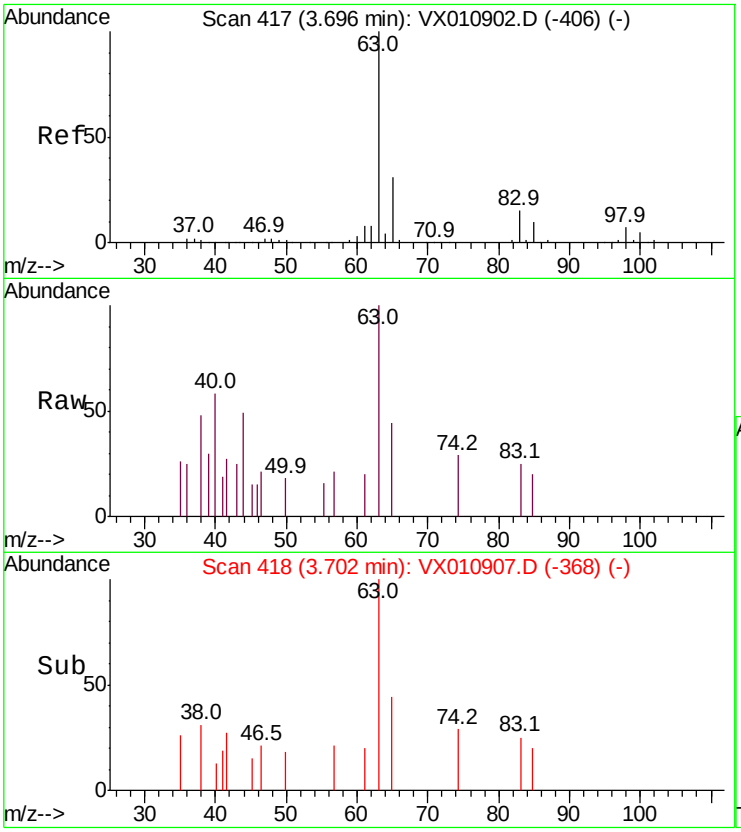


#23
Vinyl Acetate
Concen: 1.024 ug/l
RT: 3.82 min Scan# 437
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 43 Resp: 5378

Ion	Ratio	Lower	Upper
43	100		
86	6.8	9.4	14.0#

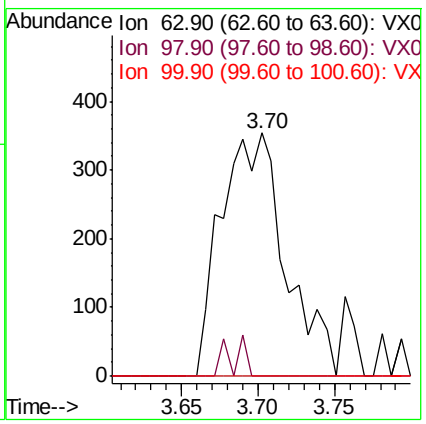




#24
1,1-Dichloroethane
Concen: 0.288 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

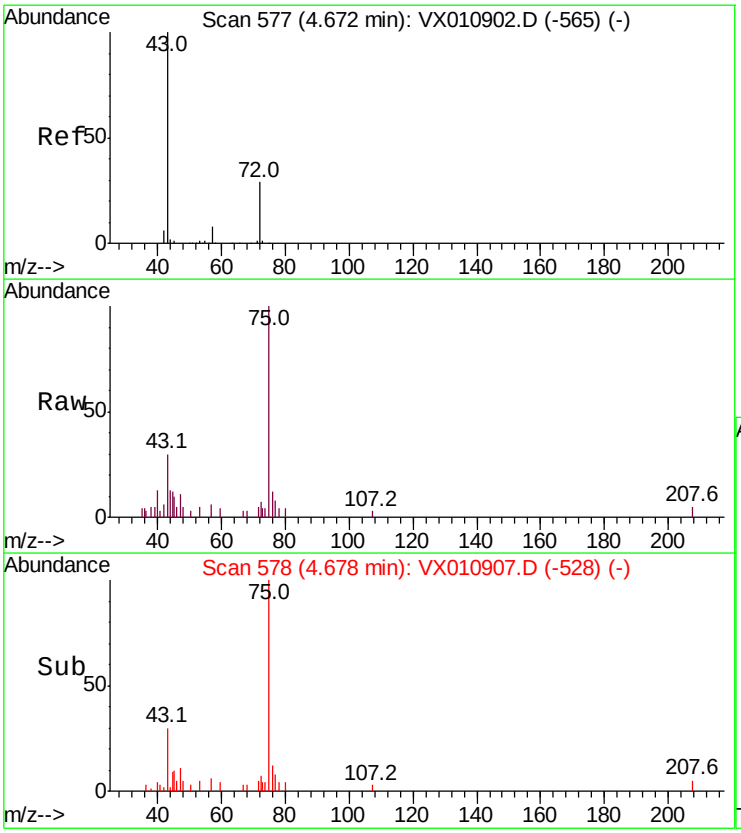
Tgt Ion: 63 Resp: 1036

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.6	10.9#
100	0.0	2.4	7.2#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

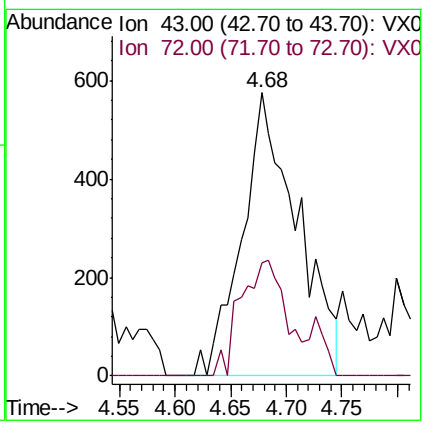
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

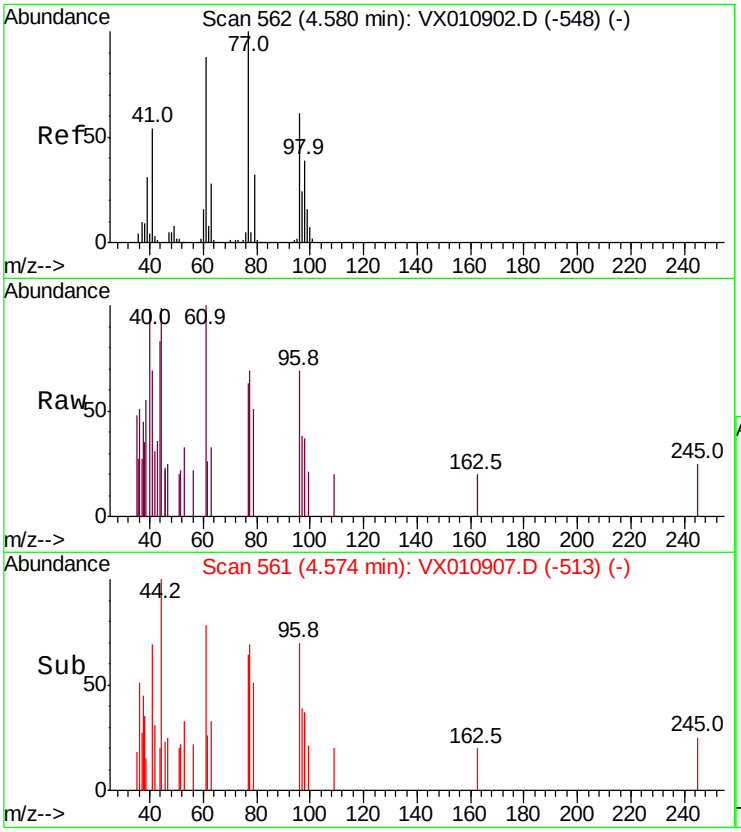


#25
2-Butanone
Concen: 1.271 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 43 Resp: 1993

Ion	Ratio	Lower	Upper
43	100		
72	39.8	23.0	34.6#





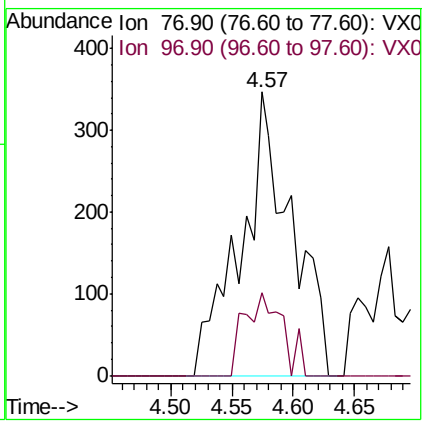
#26
2,2-Dichloropropane
Concen: 0.339 ug/l
RT: 4.57 min Scan# 561
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

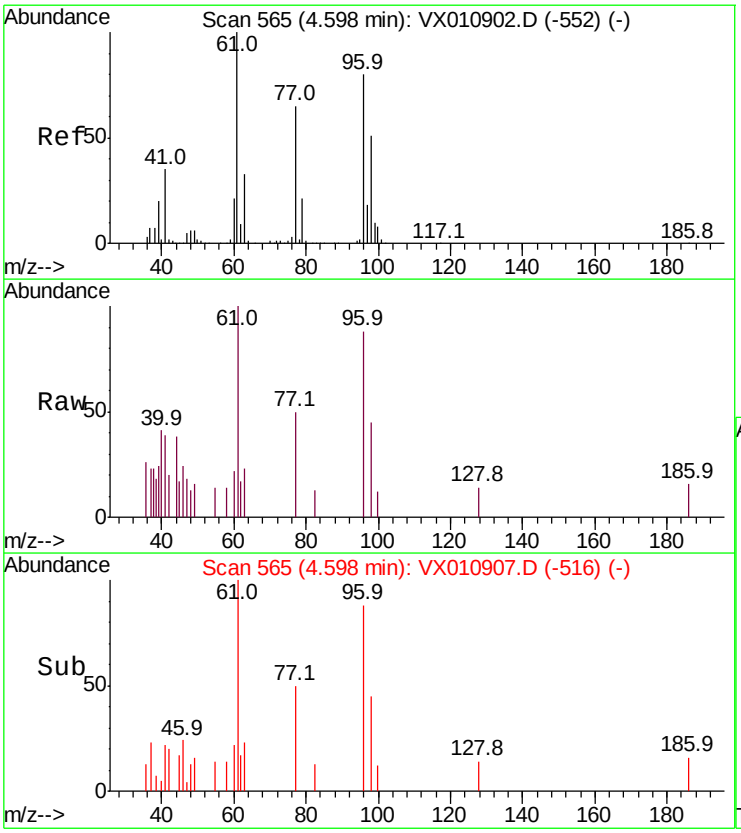
Tgt Ion: 77 Resp: 1003

Ion	Ratio	Lower	Upper
77	100		
97	21.9	12.6	37.6

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

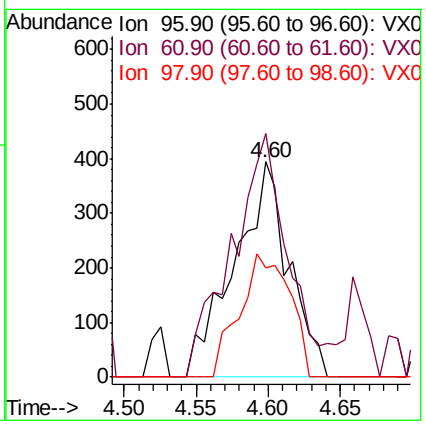


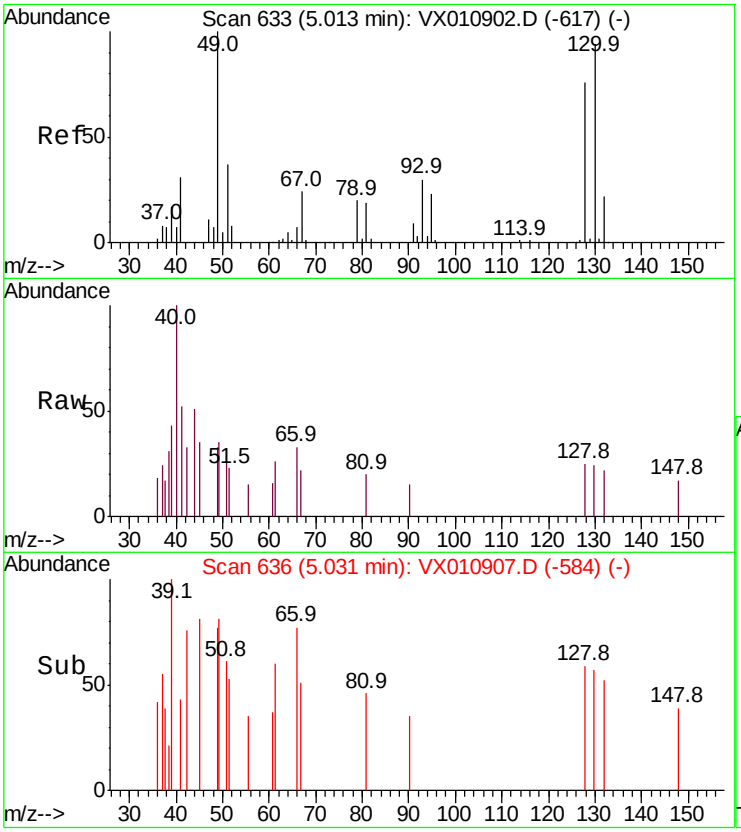


#27
cis-1,2-Dichloroethene
Concen: 0.418 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 96 Resp: 1038

Ion	Ratio	Lower	Upper
96	100		
61	118.6	0.0	269.0
98	52.8	0.0	131.4

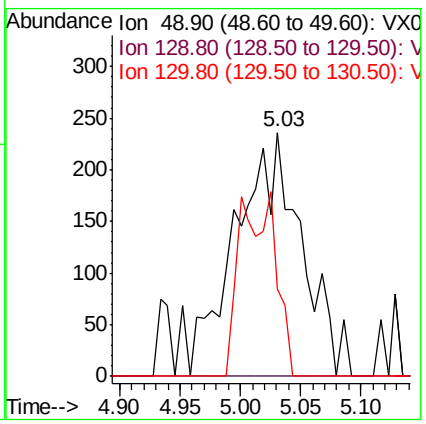




#28
Bromochloromethane
Concen: 0.516 ug/l m
RT: 5.03 min Scan# 636
Delta R.T. 0.02 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

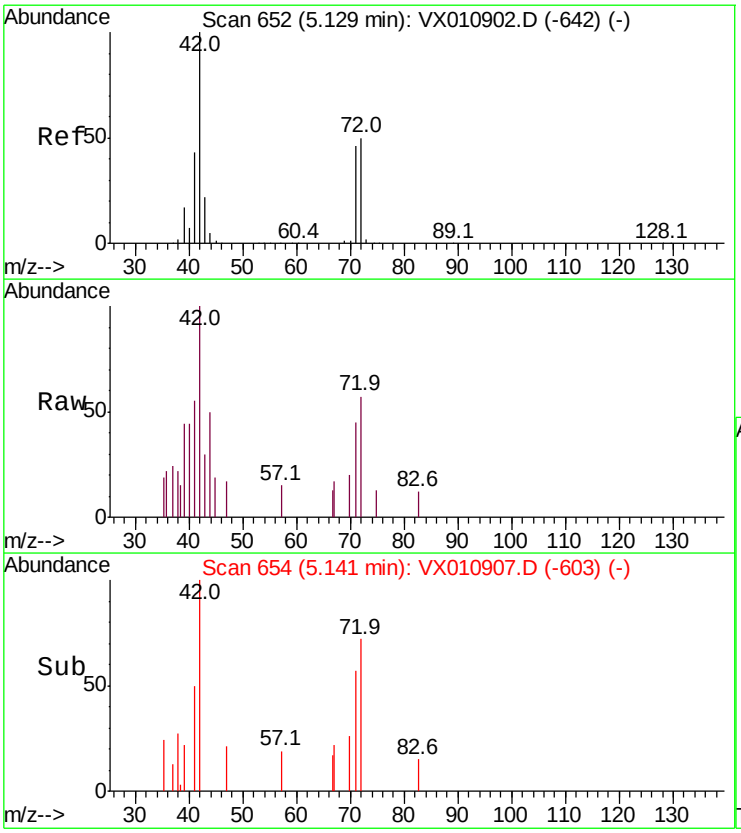
Tgt Ion: 49 Resp: 875

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.2
130	42.5	76.9	115.3#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

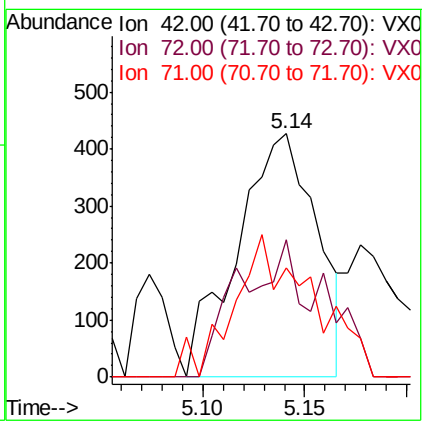
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

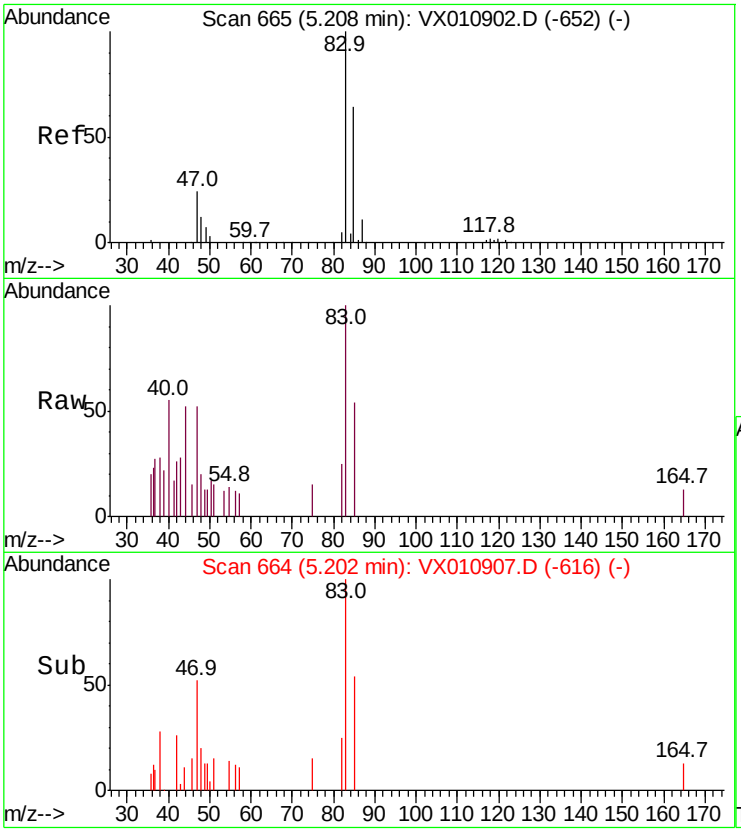


#29
Tetrahydrofuran
Concen: 1.171 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 42 Resp: 1163

Ion	Ratio	Lower	Upper
42	100		
72	8.9	39.8	59.8#
71	57.5	37.0	55.4#

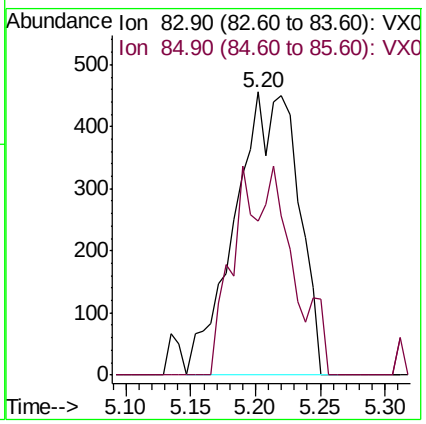




#30
Chloroform
Concen: 0.397 ug/l m
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

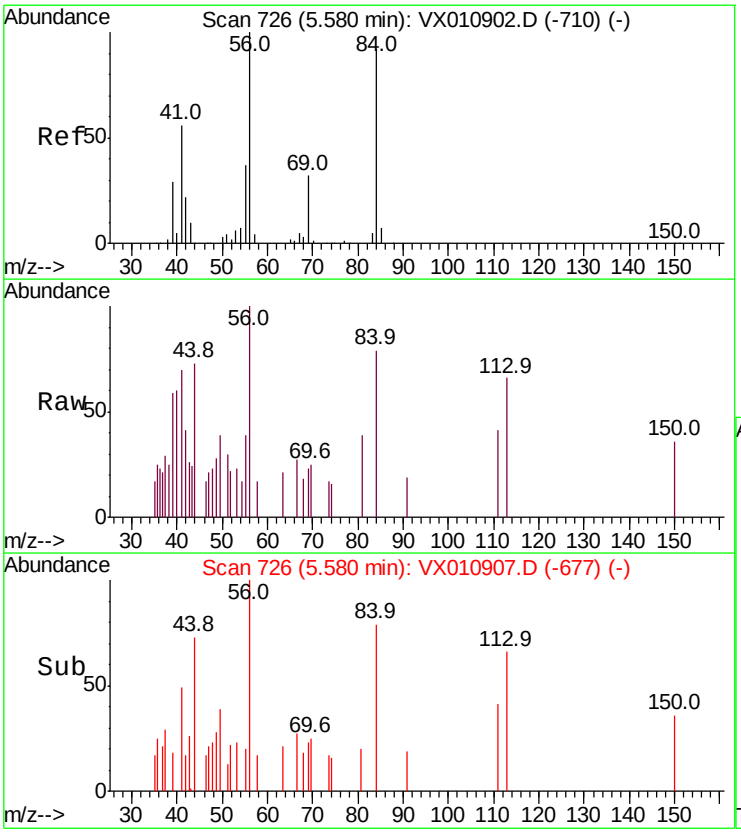
Tgt Ion: 83 Resp: 1545

Ion	Ratio	Lower	Upper
83	100		
85	54.4	51.4	77.0



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

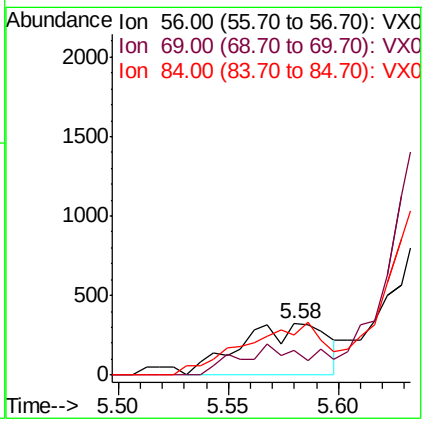
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

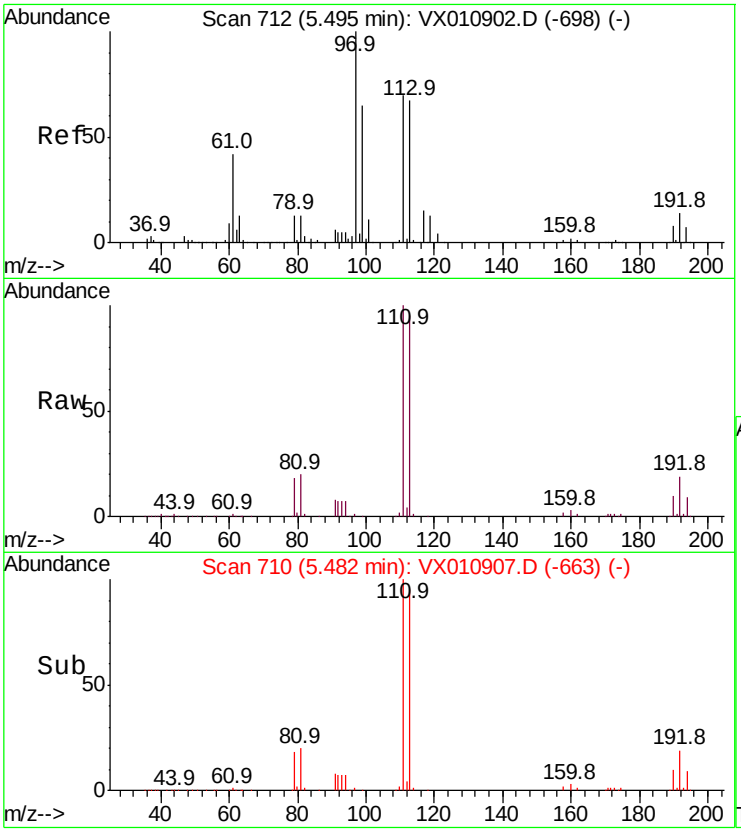


#31
Cyclohexane
Concen: 0.271 ug/l m
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 56 Resp: 888

Ion	Ratio	Lower	Upper
56	100		
69	24.9	25.8	38.8#
84	78.8	73.8	110.6

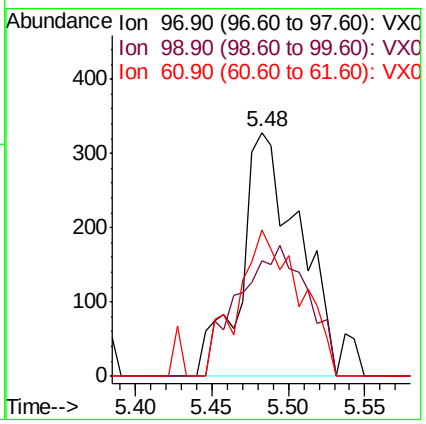




#32
1,1,1-Trichloroethane
Concen: 0.255 ug/l
RT: 5.48 min Scan# 710
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

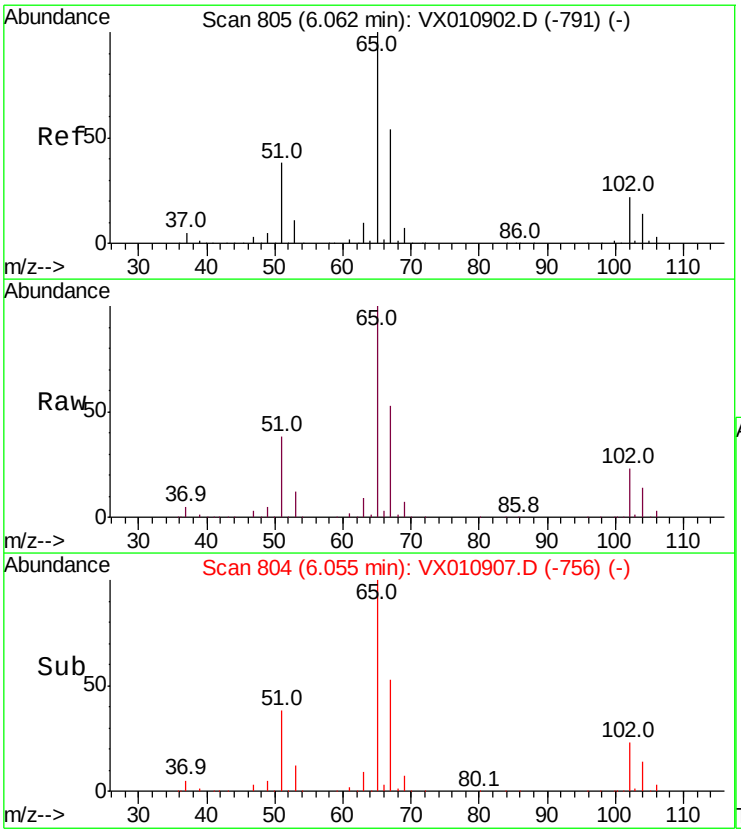
Tgt Ion: 97 Resp: 859

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.4	77.0#
61	65.1	33.0	49.6#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

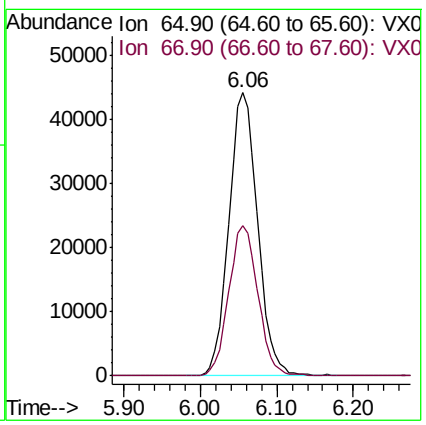
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

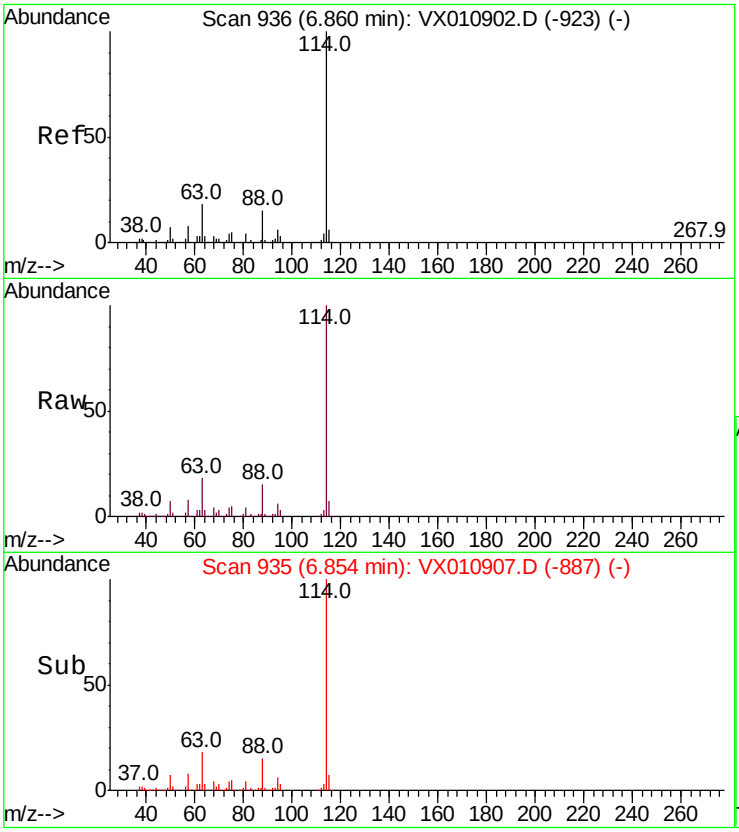


#33
1,2-Dichloroethane-d4
Concen: 47.614 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 65 Resp: 115121

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.8

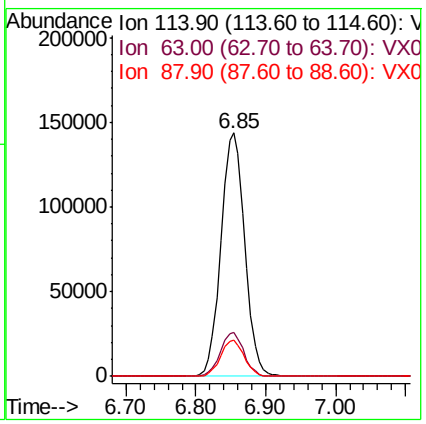




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

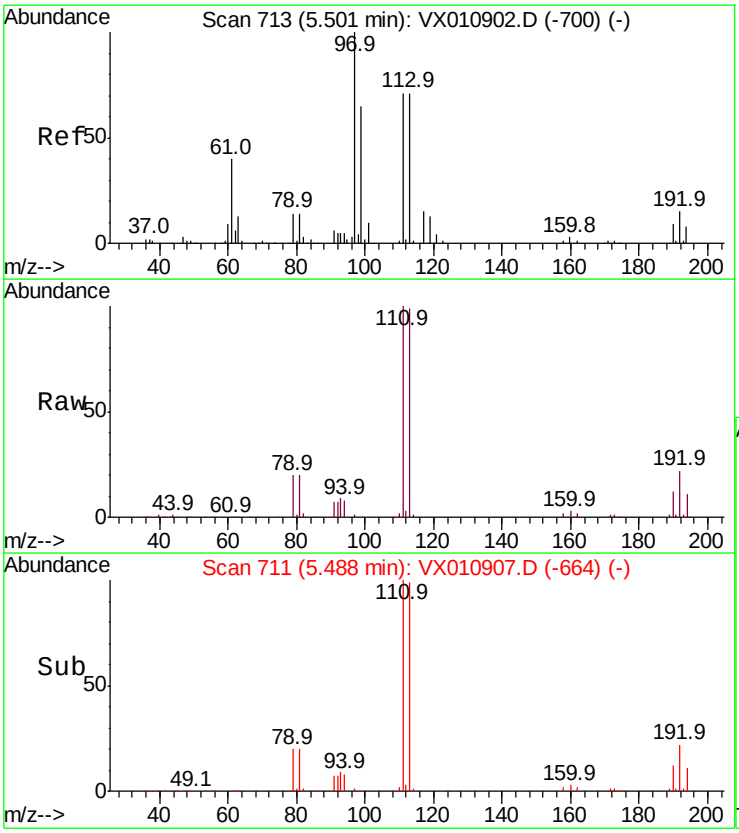
Tgt Ion:114 Resp: 339712

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.6
88	14.8	0.0	29.8



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

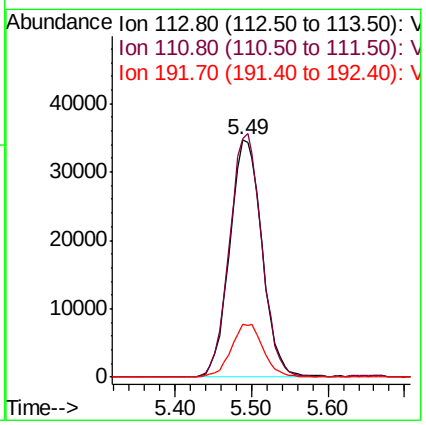
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

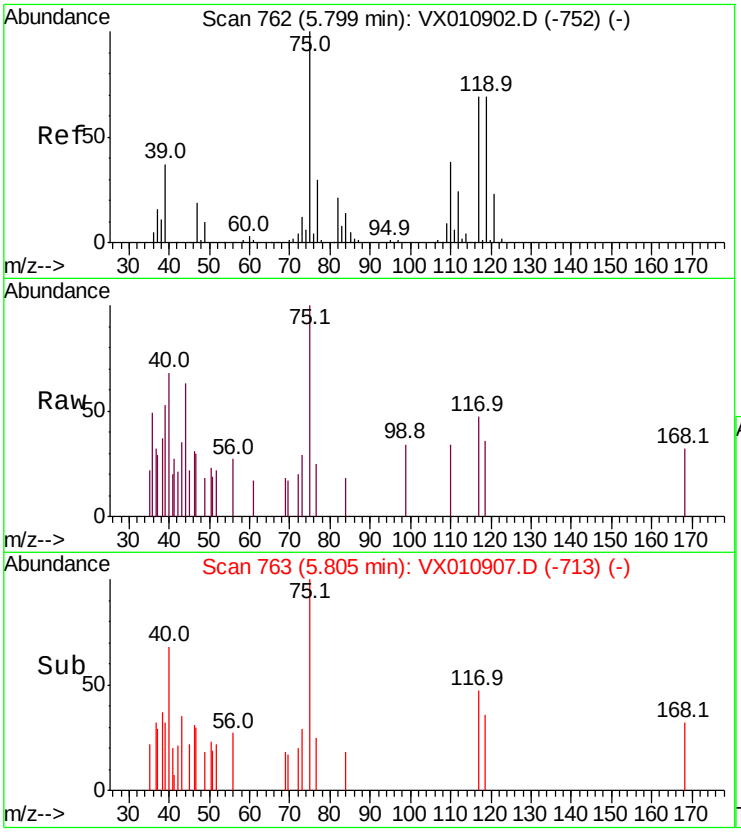


#35
Dibromofluoromethane
Concen: 47.157 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:113 Resp: 101681

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.3	123.5
192	22.0	17.4	26.2





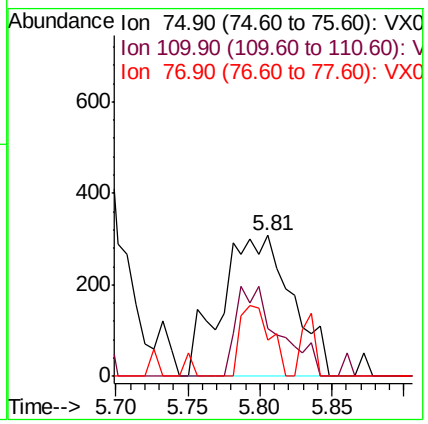
#36
1,1-Dichloropropene
Concen: 0.374 ug/l
RT: 5.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

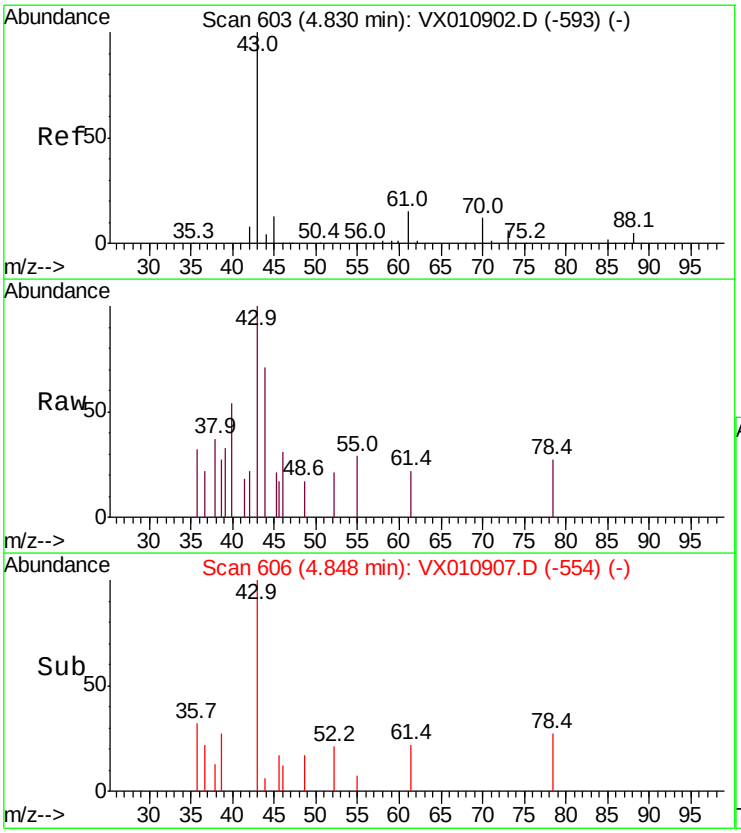
Tgt Ion: 75 Resp: 1045

Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.9	59.7
77	21.2	25.0	37.4#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

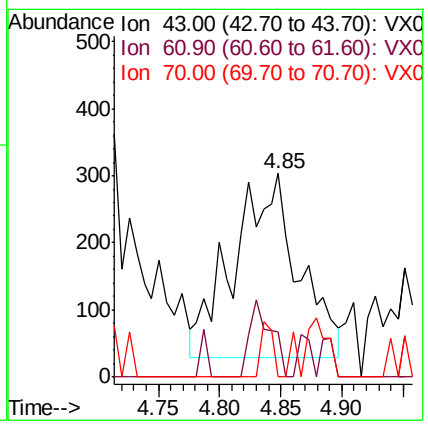


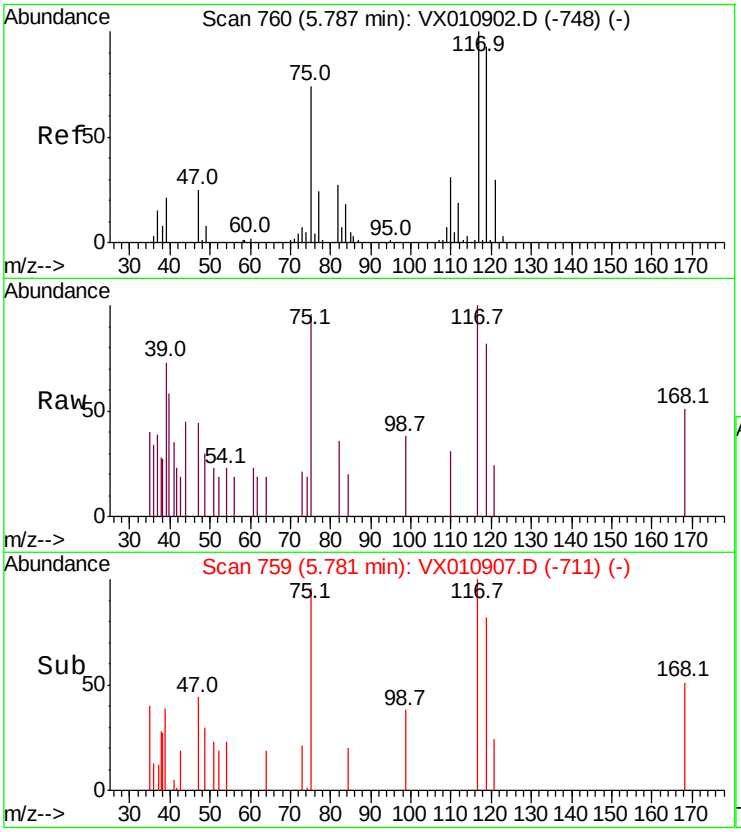


#37
Ethyl Acetate
Concen: 0.352 ug/l m
RT: 4.85 min Scan# 606
Delta R.T. 0.02 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 43 Resp: 1005

Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.6	17.4
70	5.6	9.1	13.7#





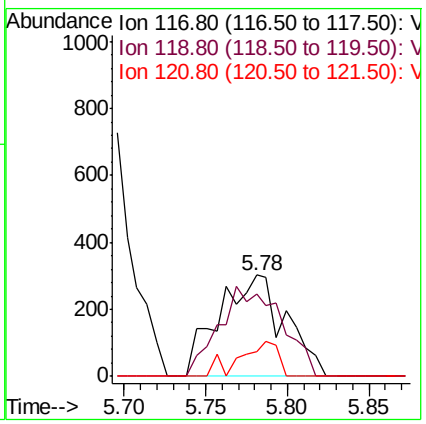
#38
Carbon Tetrachloride
Concen: 0.296 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

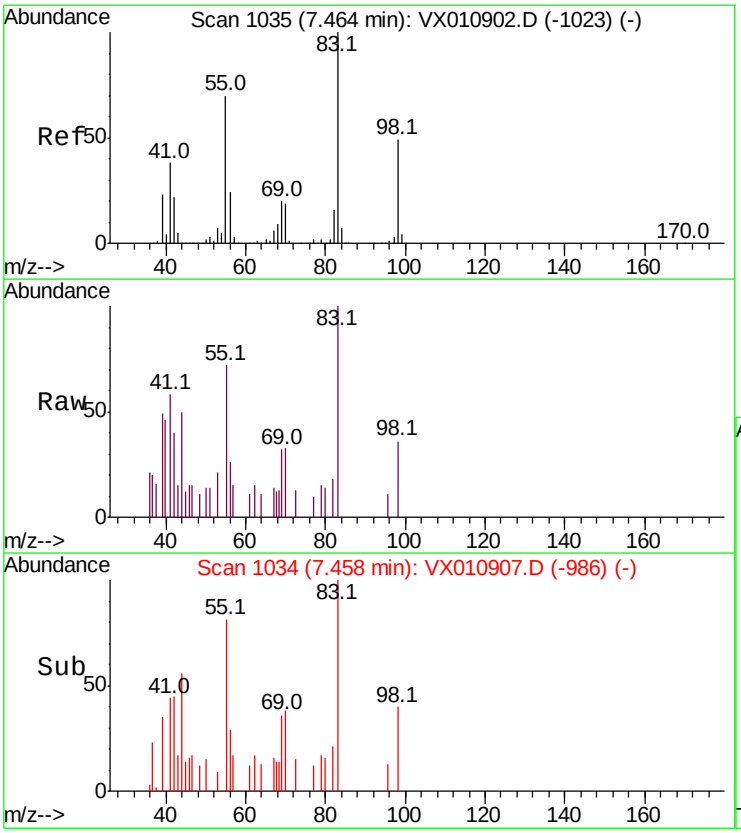
Tgt Ion:117 Resp: 862

Ion	Ratio	Lower	Upper
117	100		
119	81.5	74.2	111.2
121	24.1	24.2	36.2#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

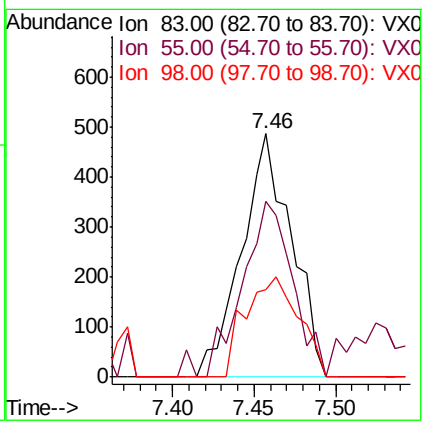


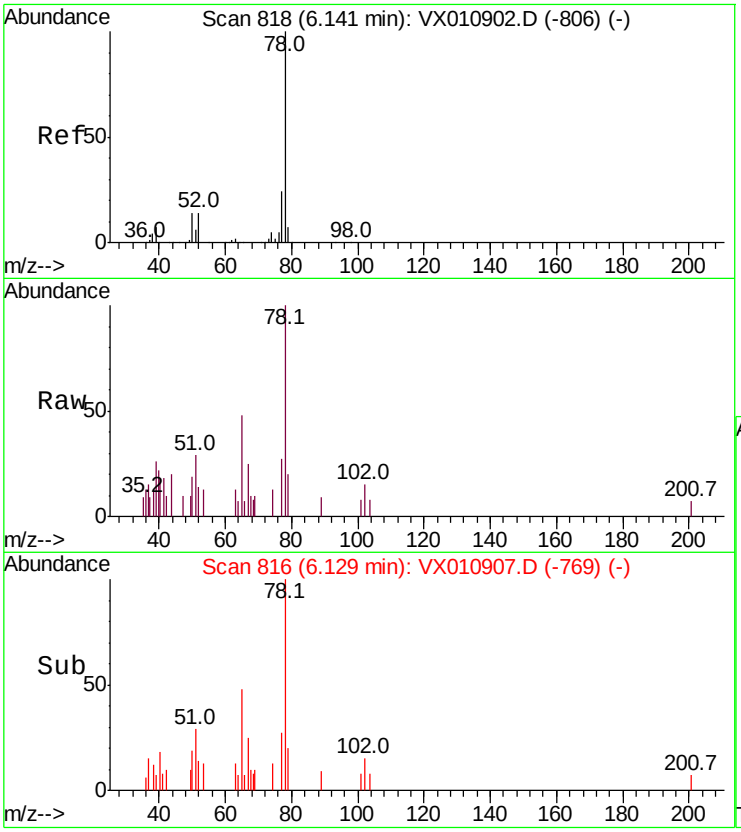


#39
Methylcyclohexane
Concen: 0.284 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 83 Resp: 1029

Ion	Ratio	Lower	Upper
83	100		
55	61.0	56.2	84.4
98	35.9	39.0	58.4#





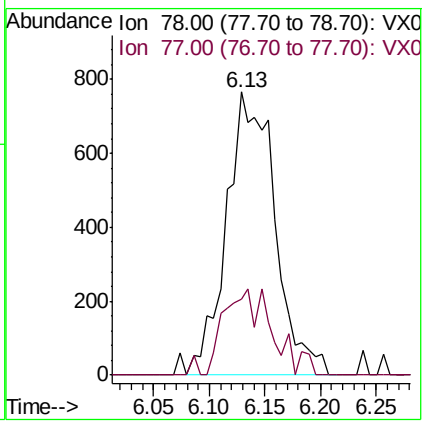
#40
Benzene
Concen: 0.272 ug/l
RT: 6.13 min Scan# 816
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

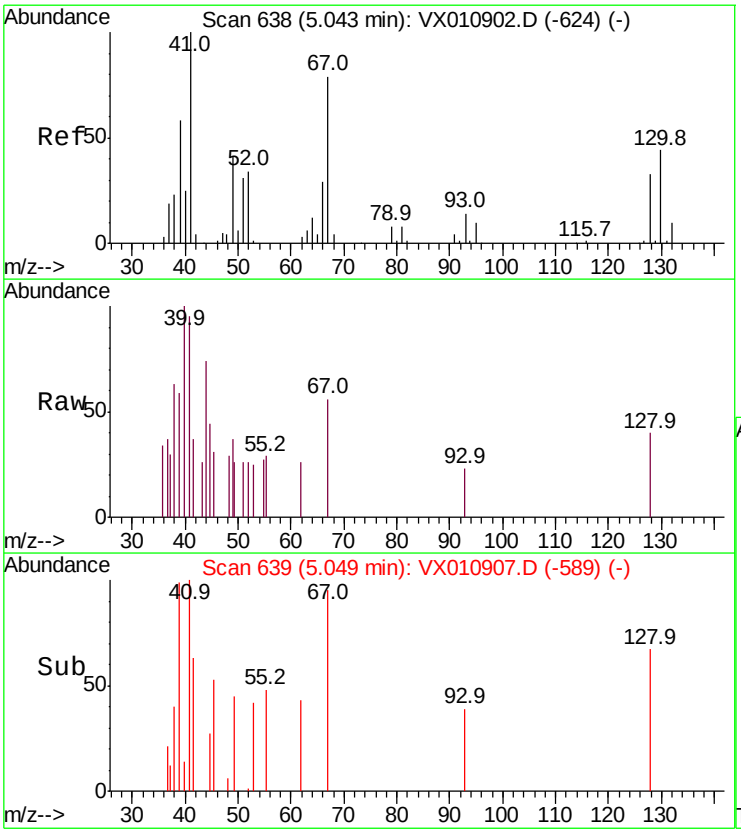
Tgt Ion: 78 Resp: 2326

Ion	Ratio	Lower	Upper
78	100		
77	26.9	19.0	28.6

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

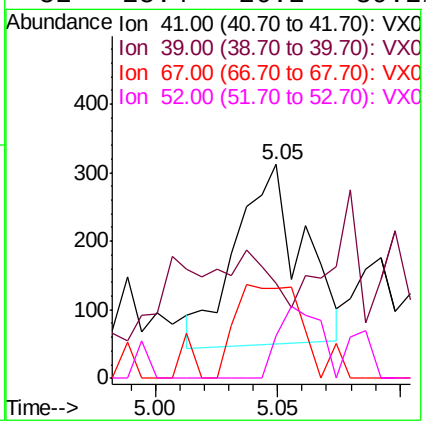


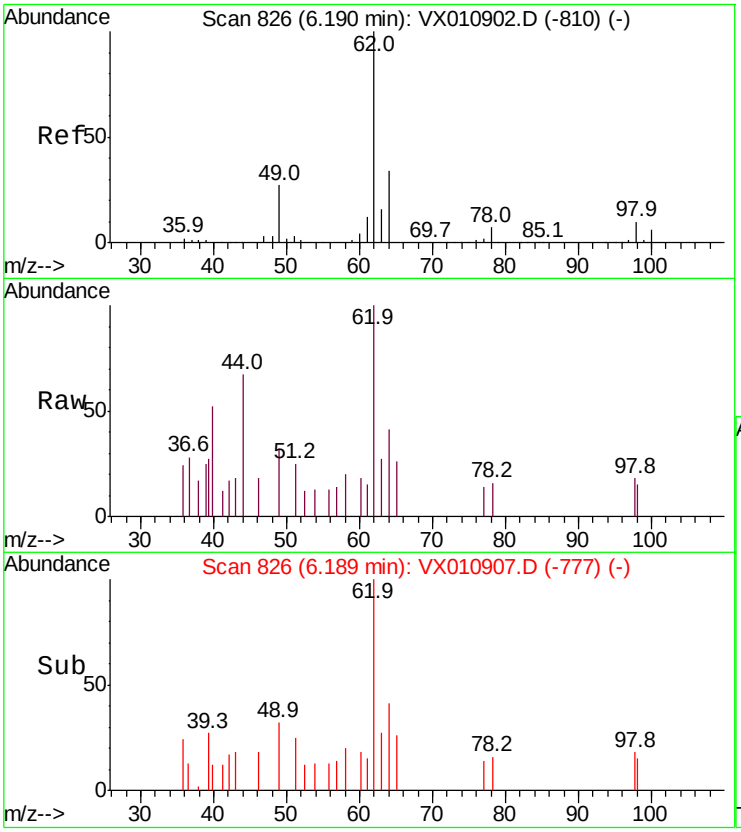


#41
Methacrylonitrile
Concen: 0.304 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 41 Resp: 493

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.4	68.2#
67	54.2	65.9	98.9#
52	25.4	26.2	39.2#

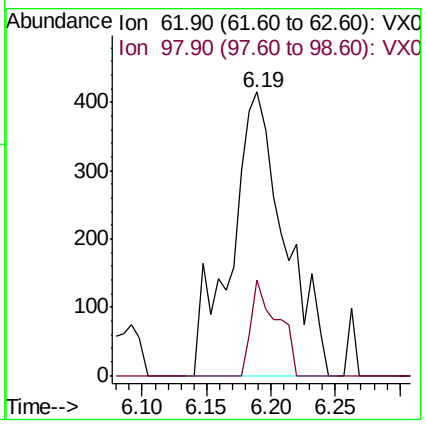




#42
1,2-Dichloroethane
Concen: 0.401 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

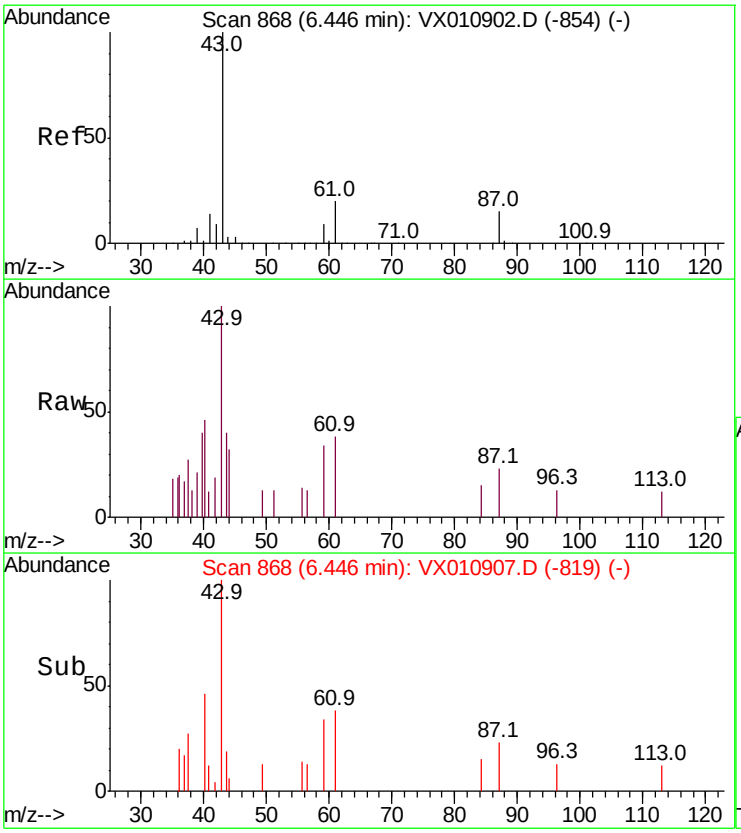
Tgt Ion: 62 Resp: 1191

Ion	Ratio	Lower	Upper
62	100		
98	16.4	0.0	20.0



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

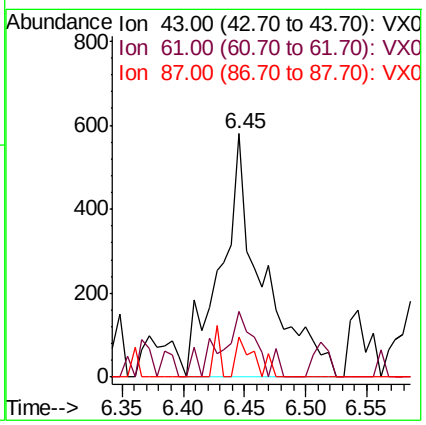
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

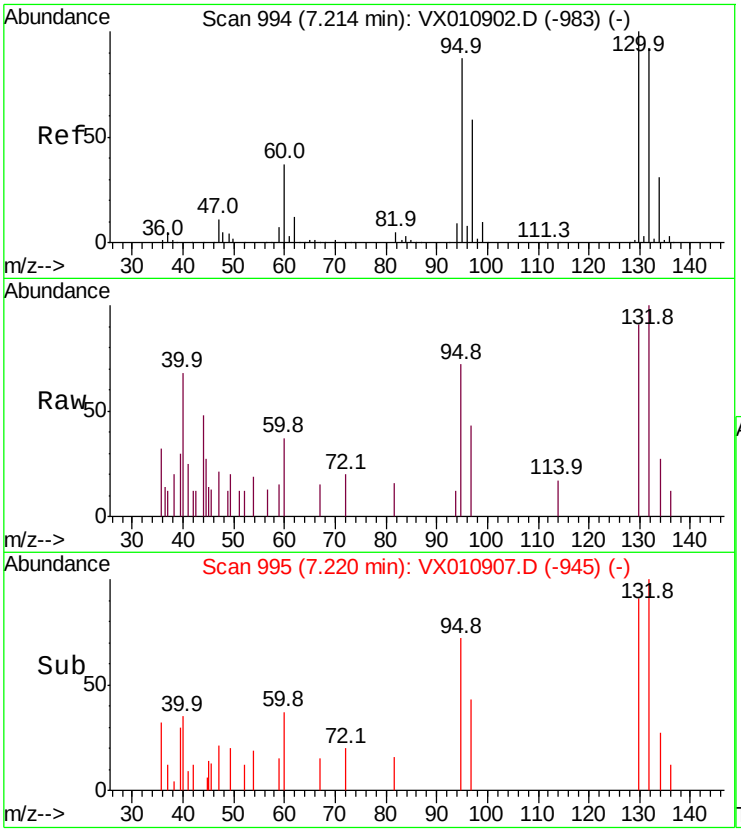


#43
Isopropyl Acetate
Concen: 0.291 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 43 Resp: 1365

Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.1	25.7
87	7.2	12.0	18.0#





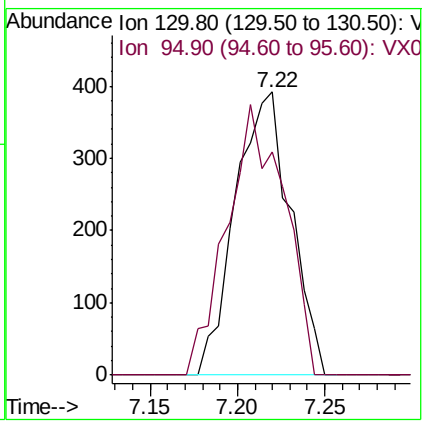
#44
Trichloroethene
Concen: 0.341 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

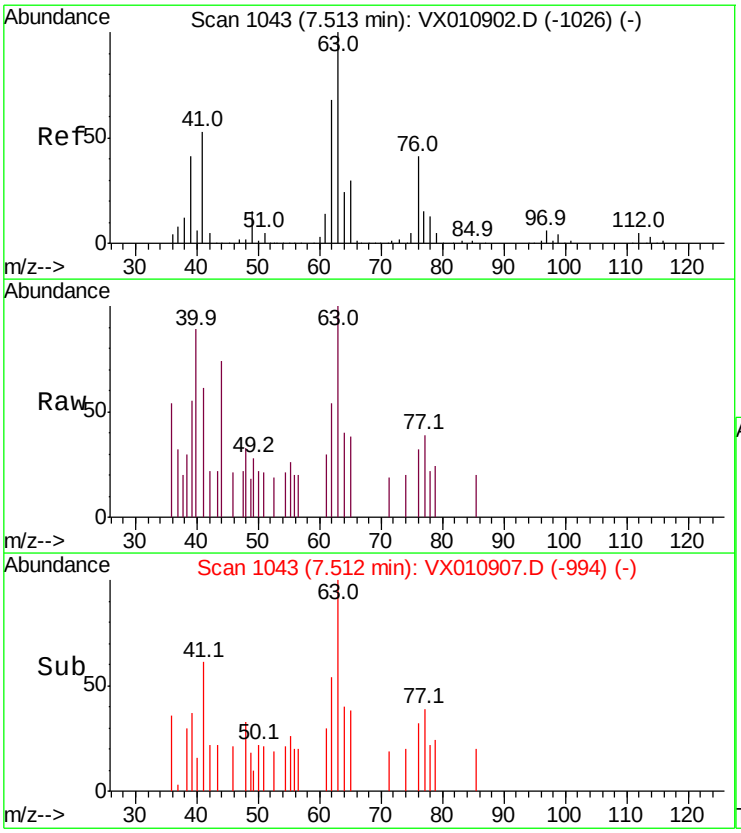
Tgt Ion:130 Resp: 863

Ion	Ratio	Lower	Upper
130	100		
95	78.8	0.0	174.8

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

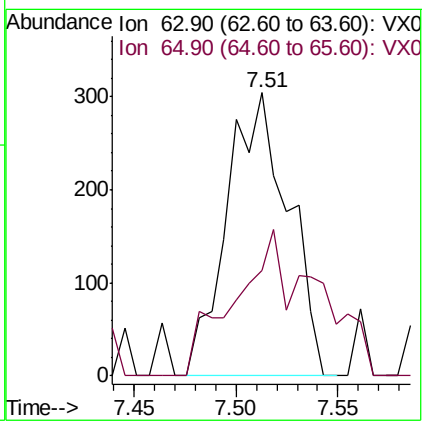


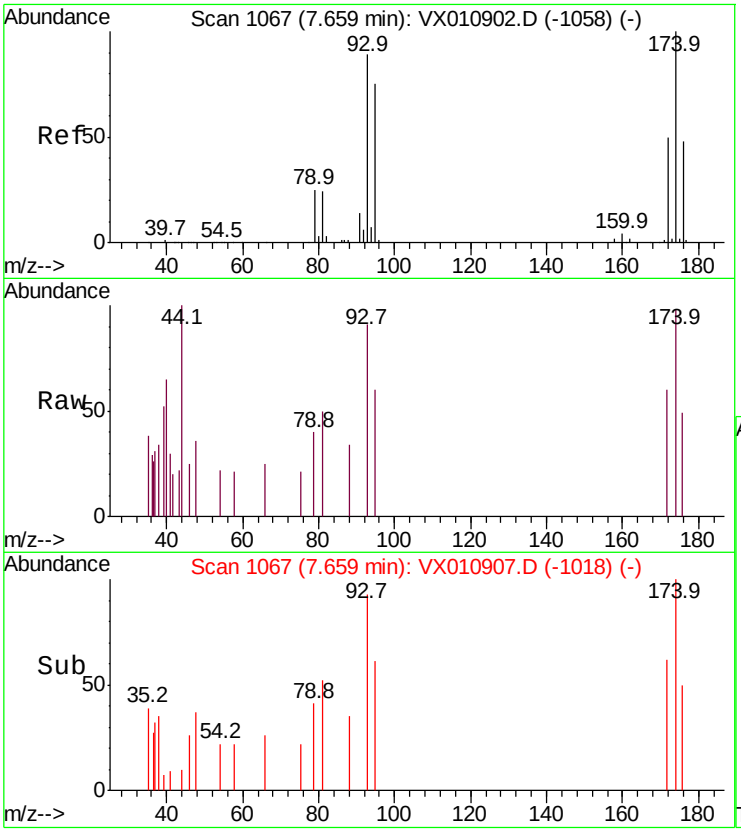


#45
1,2-Dichloropropane
Concen: 0.293 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 63 Resp: 638

Ion	Ratio	Lower	Upper
63	100		
65	37.5	24.4	36.6#

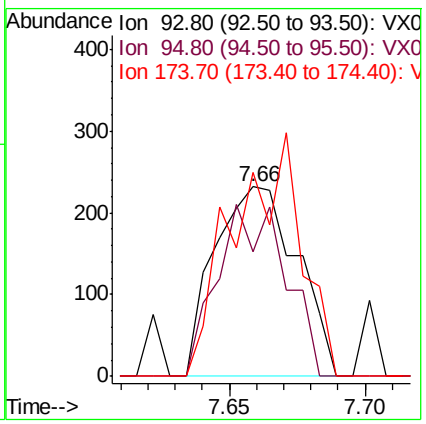




#46
Dibromomethane
Concen: 0.313 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

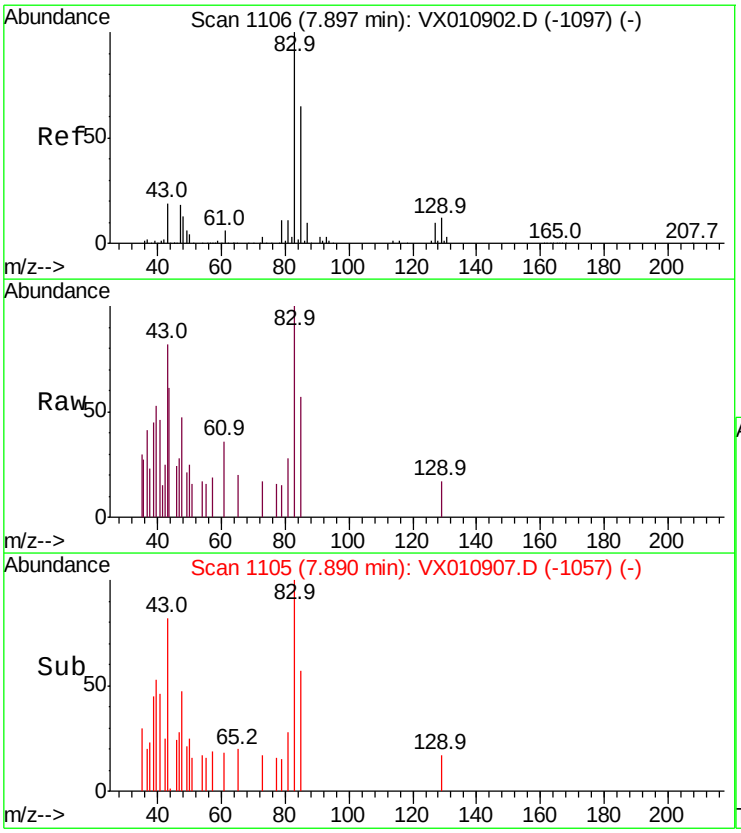
Tgt Ion: 93 Resp: 487

Ion	Ratio	Lower	Upper
93	100		
95	74.5	67.2	100.8
174	104.5	90.6	135.8



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

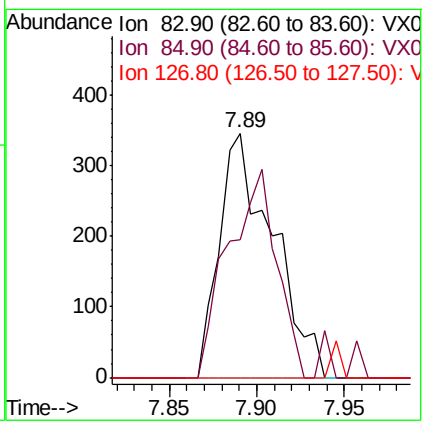
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

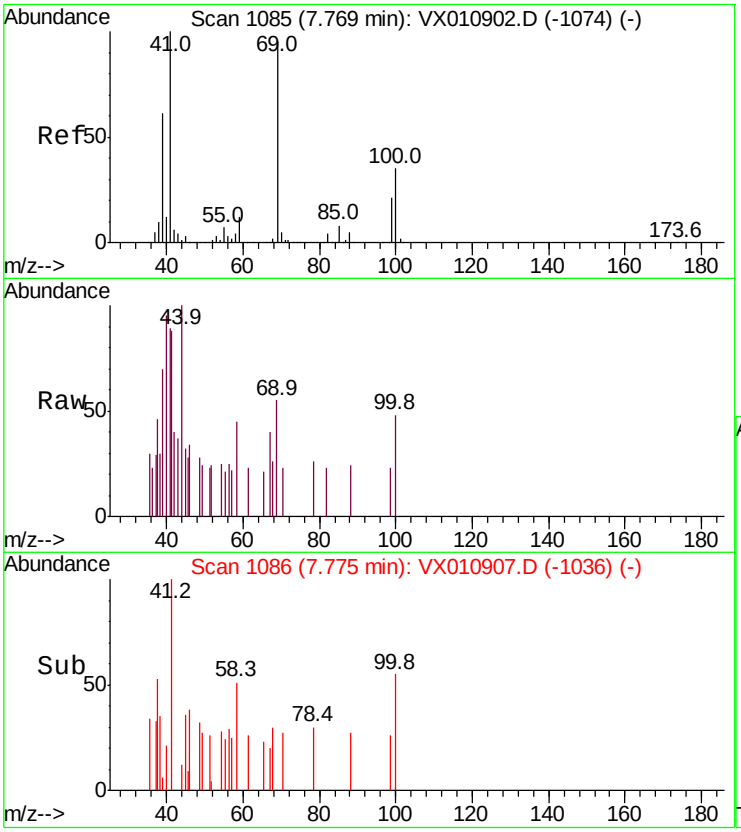


#47
Bromodichloromethane
Concen: 0.266 ug/l
RT: 7.89 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 83 Resp: 737

Ion	Ratio	Lower	Upper
83	100		
85	56.6	52.5	78.7
127	0.0	7.8	11.8#

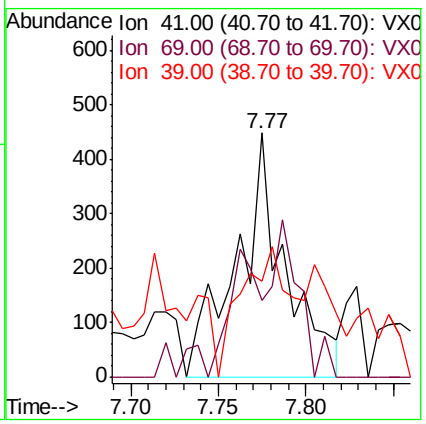




#48
Methyl methacrylate
Concen: 0.378 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

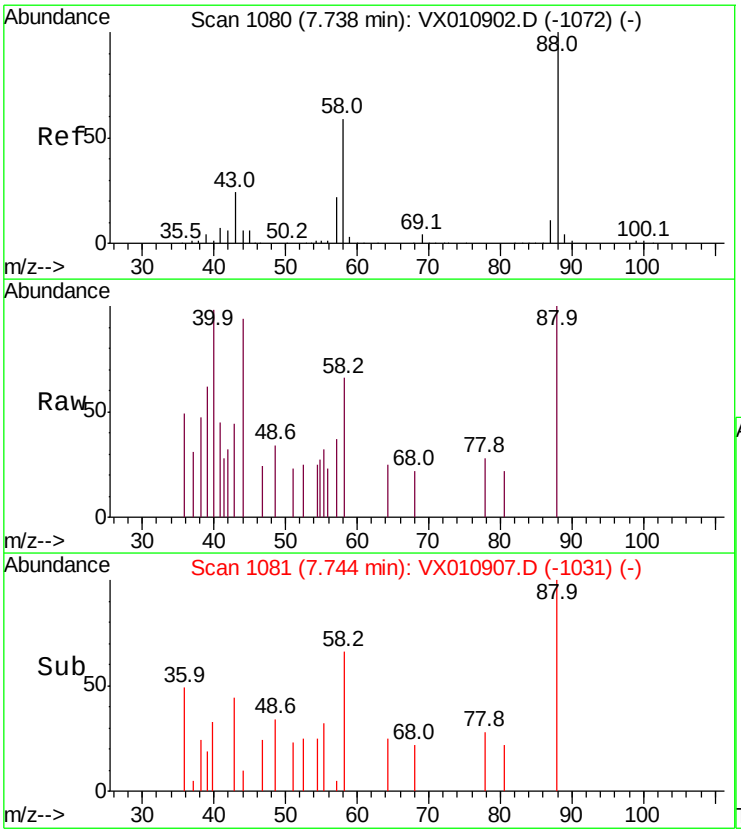
Tgt Ion: 41 Resp: 865

Ion	Ratio	Lower	Upper
41	100		
69	36.2	74.4	111.6#
39	56.4	48.9	73.3



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

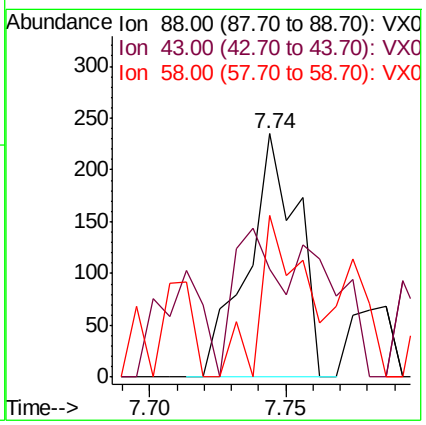
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

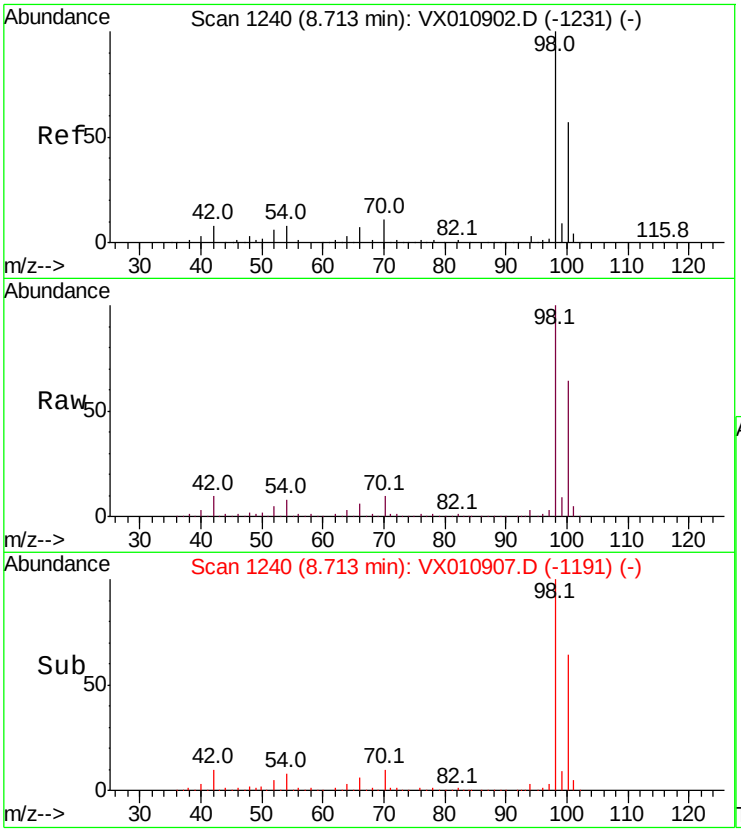


#49
1,4-Dioxane
Concen: 4.655 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 88 Resp: 298

Ion	Ratio	Lower	Upper
88	100		
43	55.4	22.9	34.3#
58	58.1	49.8	74.8





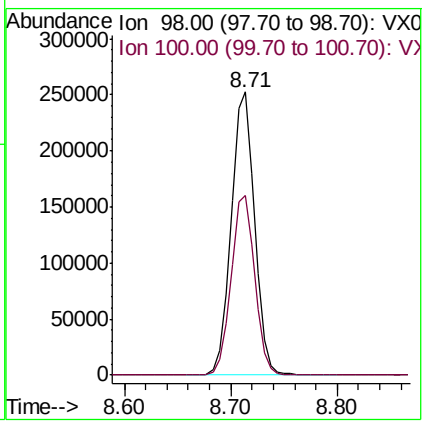
#50
Toluene-d8
Concen: 48.124 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

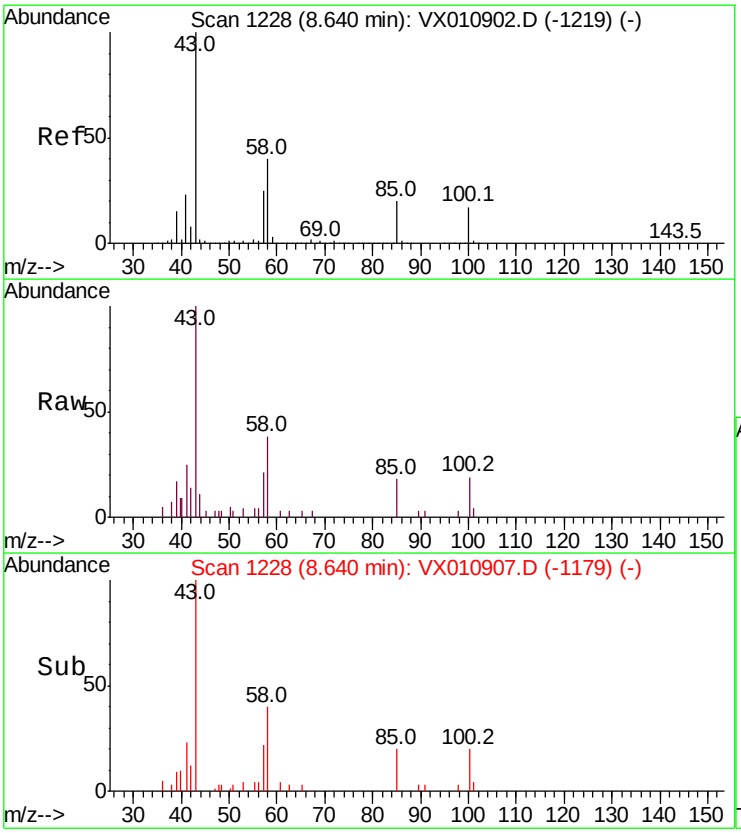
Tgt Ion: 98 Resp: 389190

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.6	75.8

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

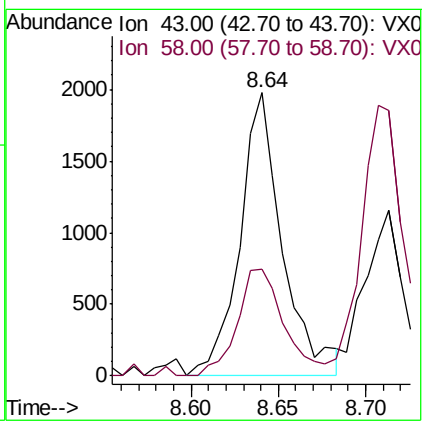


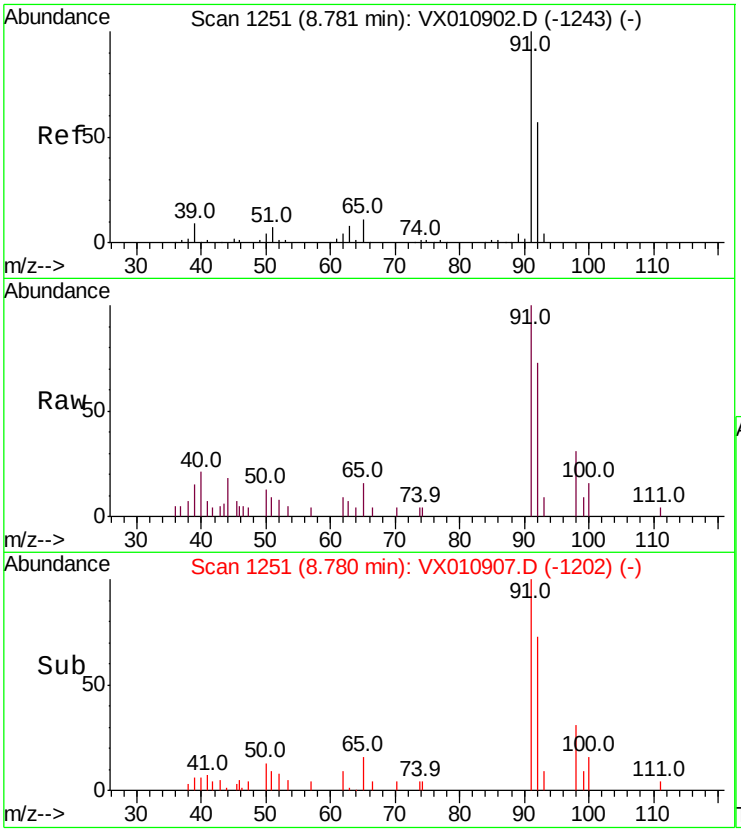


#51
4-Methyl-2-Pentanone
Concen: 1.098 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 43 Resp: 3345

Ion	Ratio	Lower	Upper
43	100		
58	42.1	32.2	48.4





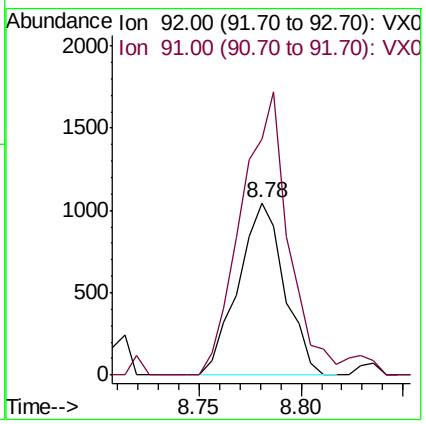
#52
Toluene
Concen: 0.295 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

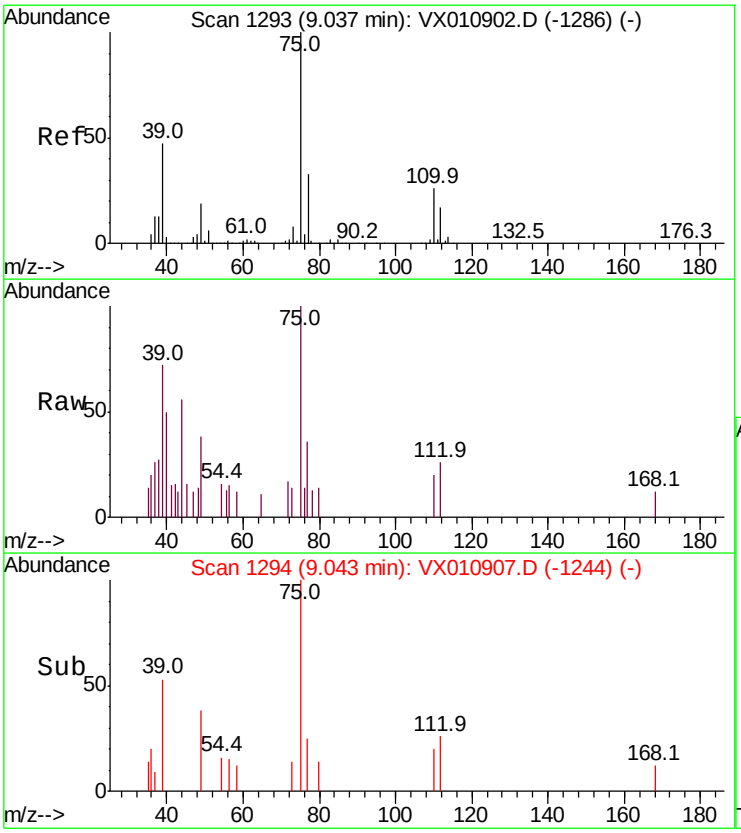
Tgt Ion: 92 Resp: 1655

Ion	Ratio	Lower	Upper
92	100		
91	174.5	139.4	209.0

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

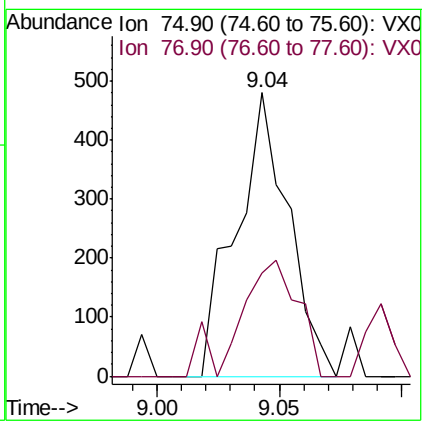


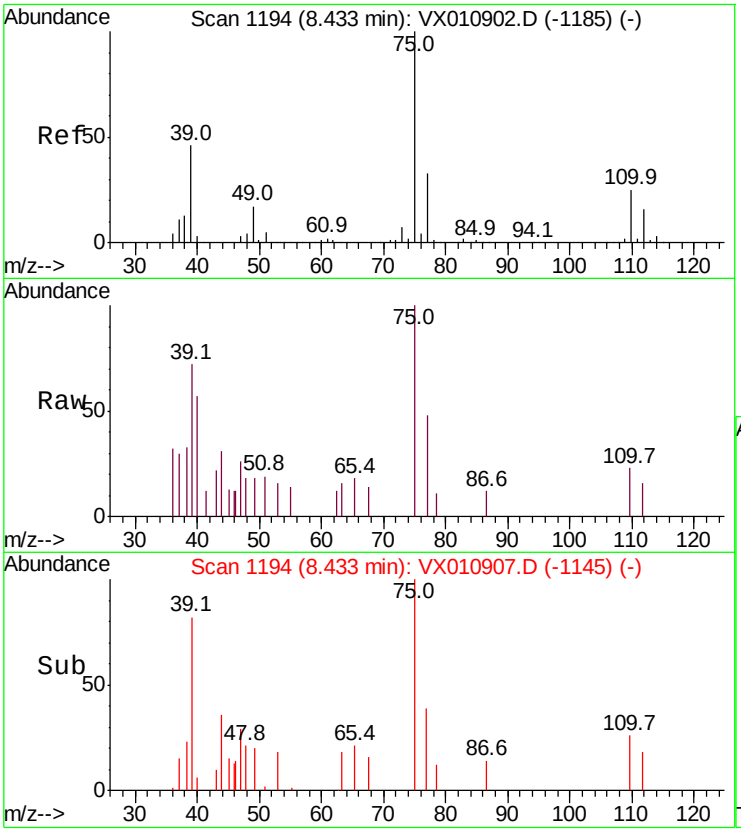


#53
t-1,3-Dichloropropene
Concen: 0.241 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 75 Resp: 718

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.2	39.2

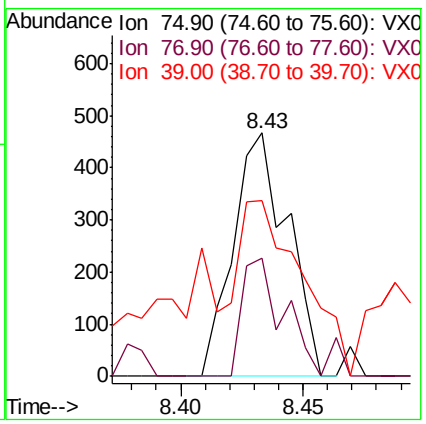




#54
cis-1,3-Dichloropropene
Concen: 0.219 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

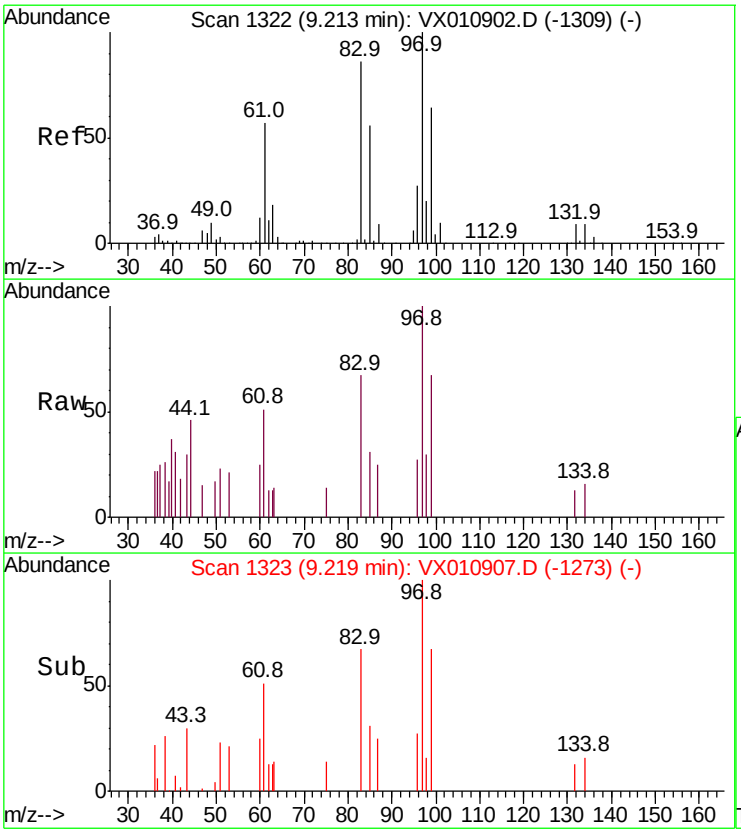
Tgt Ion: 75 Resp: 725

Ion	Ratio	Lower	Upper
75	100		
77	48.4	26.1	39.1#
39	48.4	36.6	54.8



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

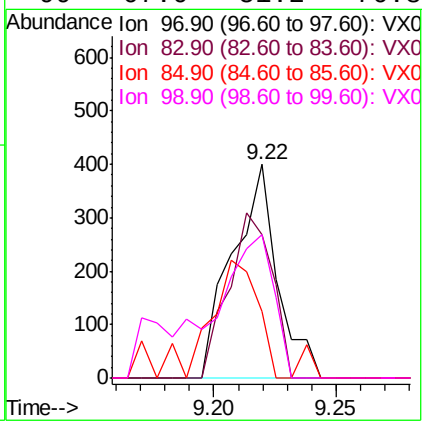
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

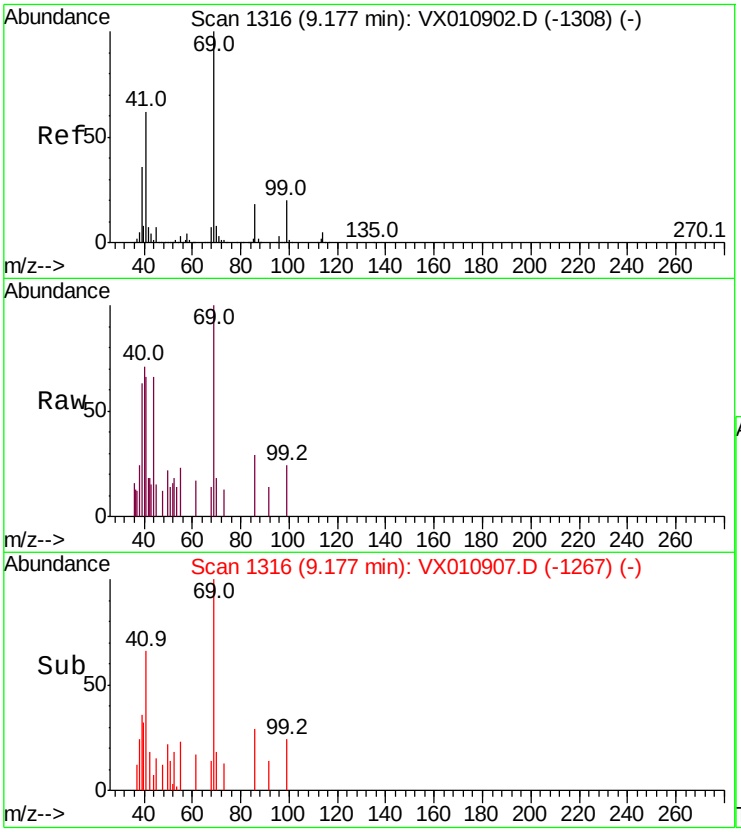


#55
1,1,2-Trichloroethane
Concen: 0.222 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 97 Resp: 514

Ion	Ratio	Lower	Upper
97	100		
83	67.0	69.2	103.8#
85	31.3	44.6	66.8#
99	67.0	51.2	76.8





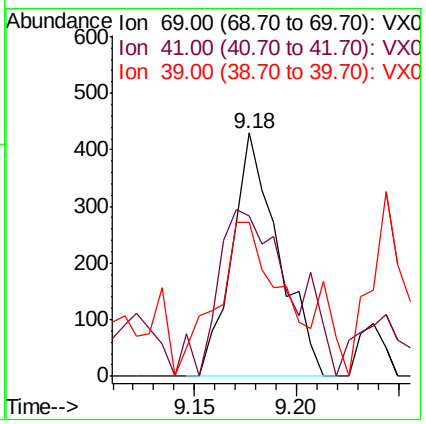
#56
Ethyl methacrylate
Concen: 0.200 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

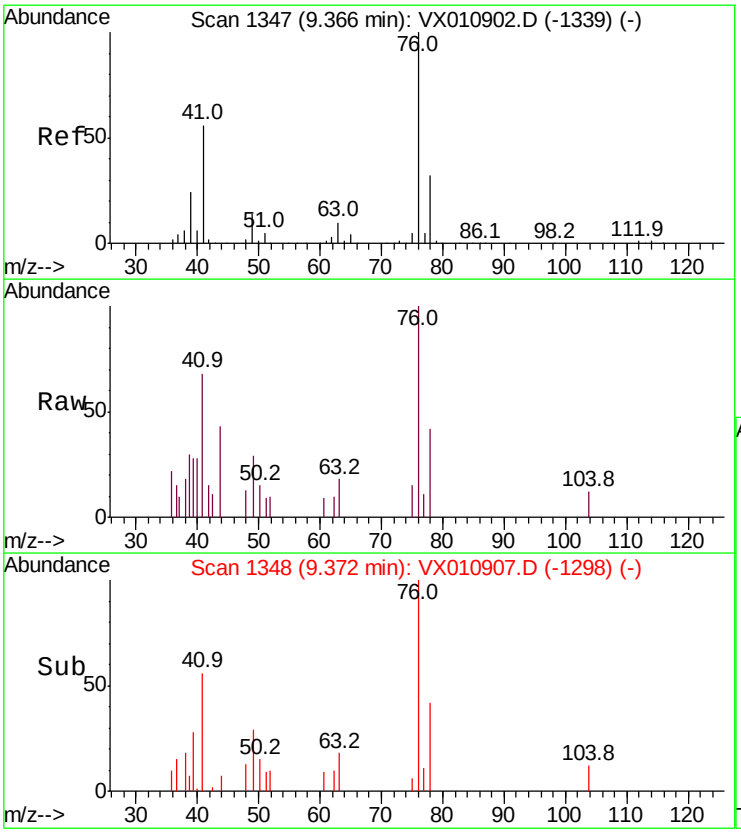
Tgt Ion: 69 Resp: 677

Ion	Ratio	Lower	Upper
69	100		
41	108.6	49.7	74.5#
39	88.0	29.6	44.4#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

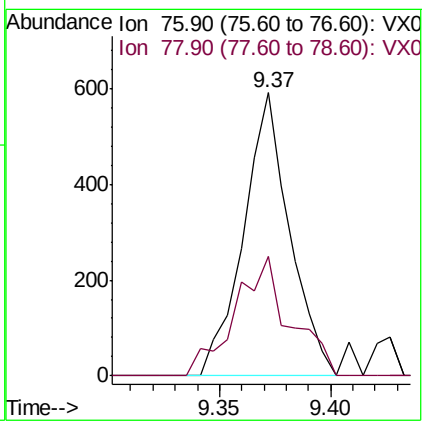


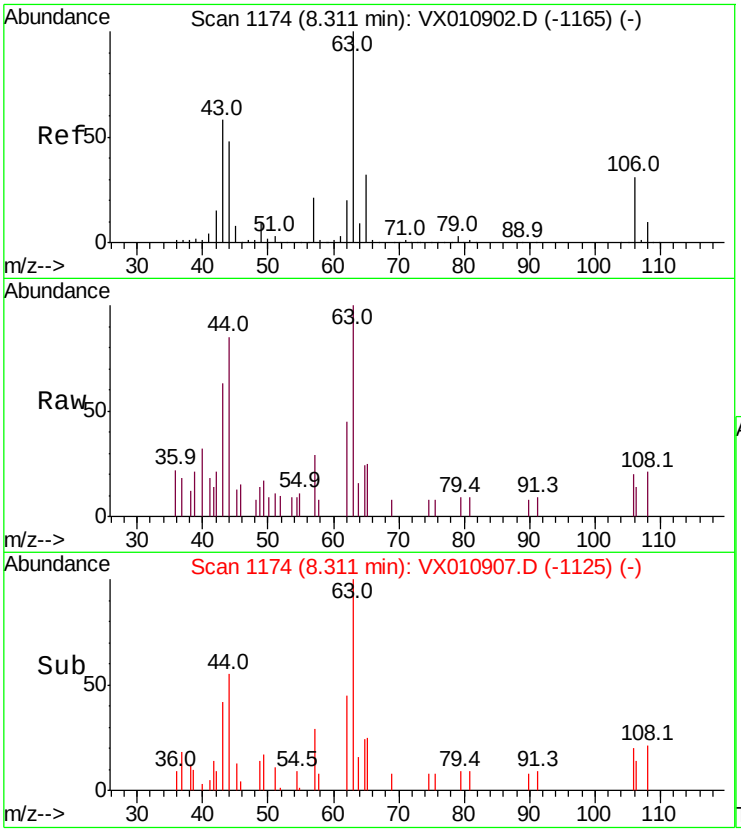


#57
1,3-Dichloropropane
Concen: 0.233 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 76 Resp: 854

Ion	Ratio	Lower	Upper
76	100		
78	50.6	25.6	38.4#





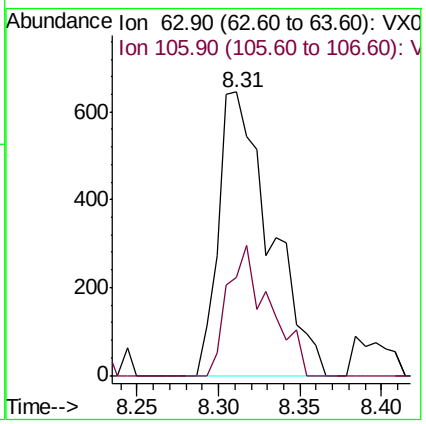
#58
2-Chloroethyl Vinyl ether
Concen: 0.882 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

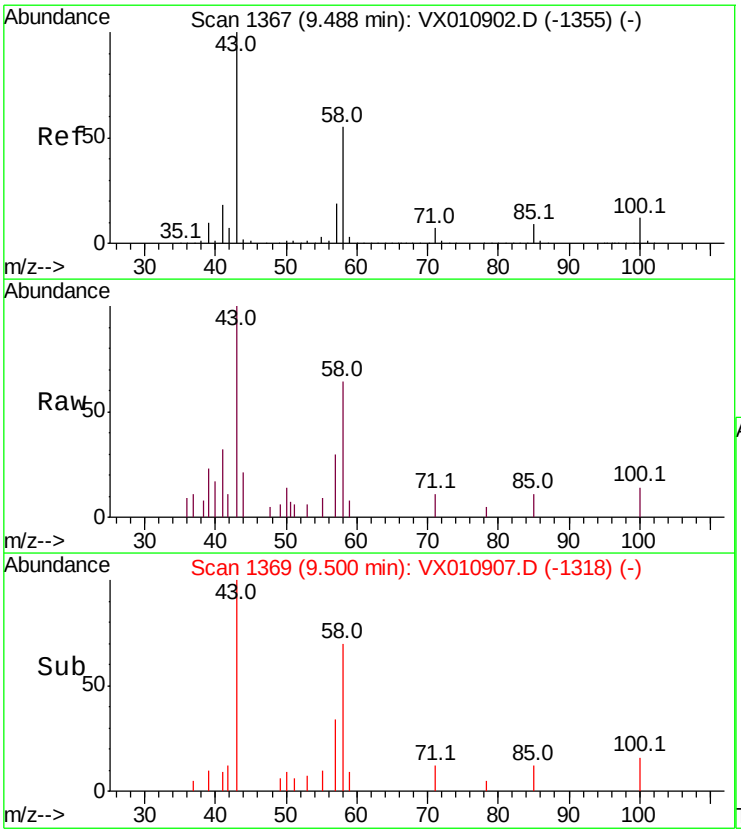
Tgt Ion: 63 Resp: 1424

Ion	Ratio	Lower	Upper
63	100		
106	36.9	24.0	36.0#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

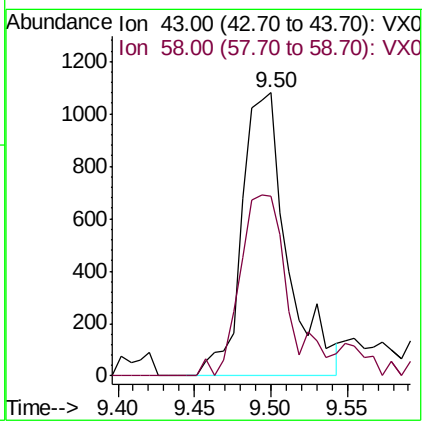


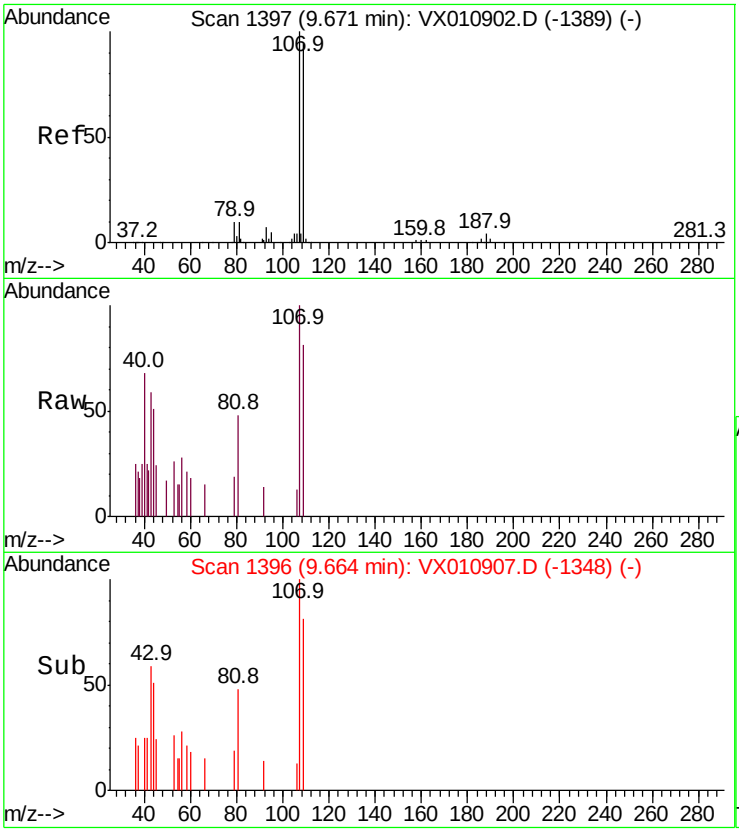


#59
2-Hexanone
Concen: 0.950 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 43 Resp: 2243

Ion	Ratio	Lower	Upper
43	100		
58	67.0	28.0	83.9

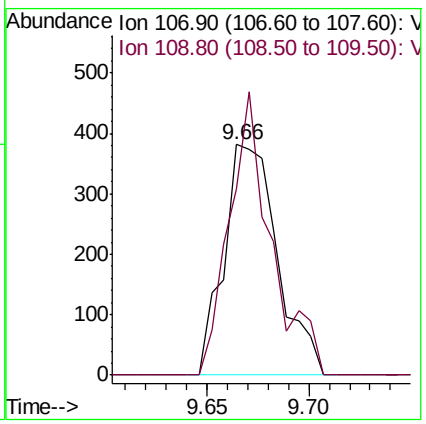




#61
1,2-Dibromoethane
Concen: 0.283 ug/l
RT: 9.66 min Scan# 1396
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

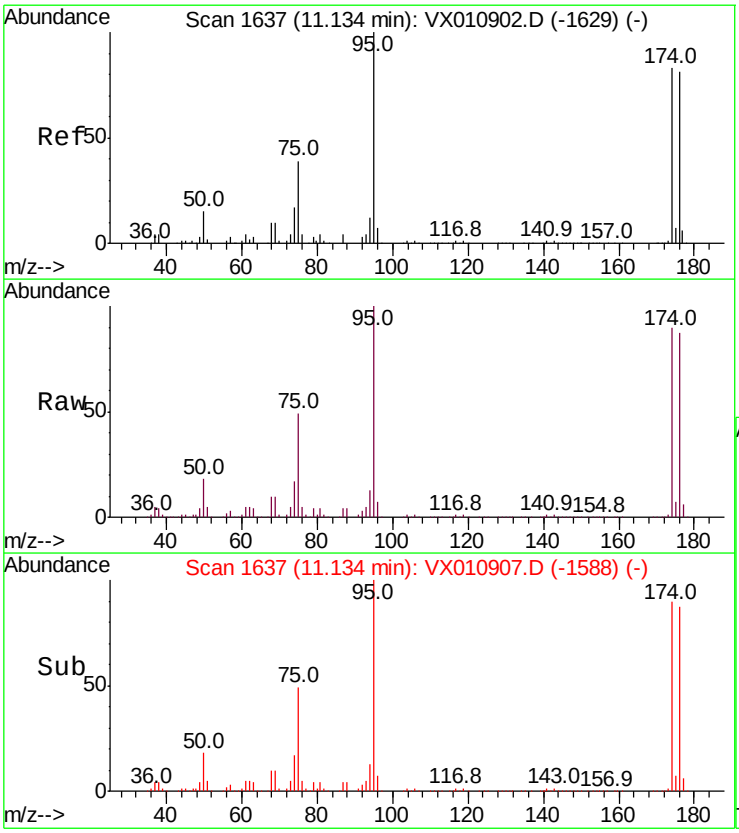
Tgt Ion:107 Resp: 695

Ion	Ratio	Lower	Upper
107	100		
109	95.7	75.4	113.0



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

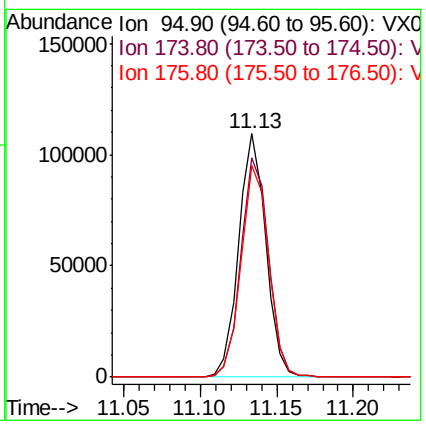
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

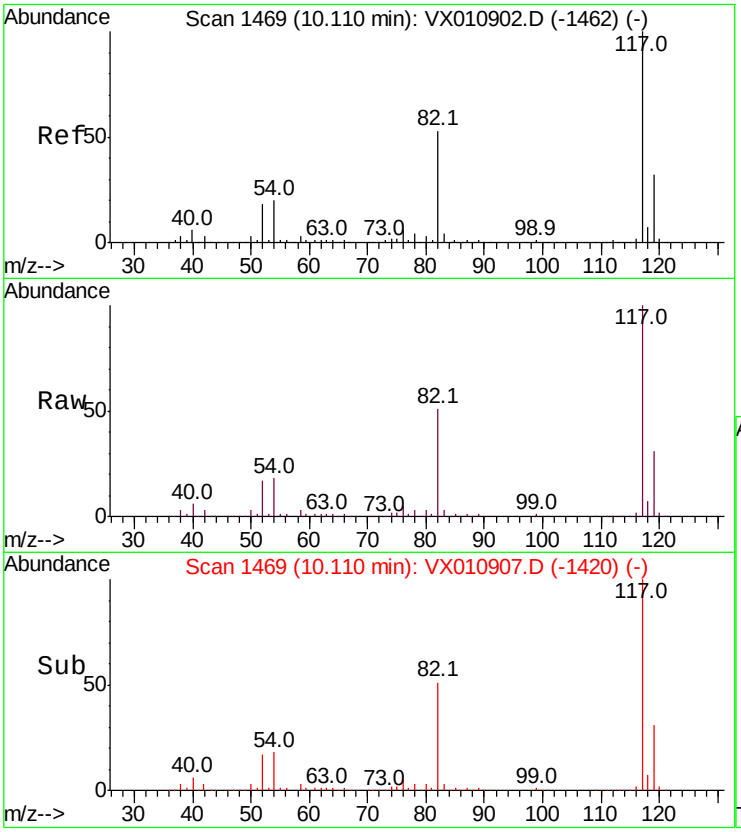


#62
4-Bromofluorobenzene
Concen: 45.289 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 95 Resp: 134627

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	180.6
176	89.1	0.0	173.8

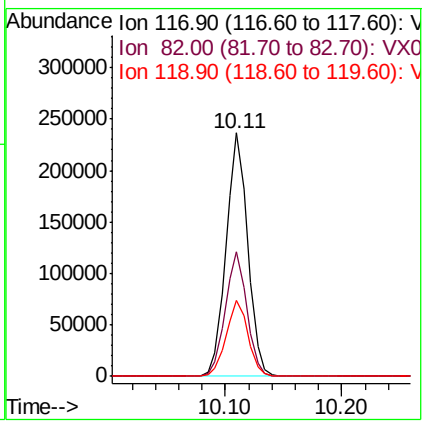




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

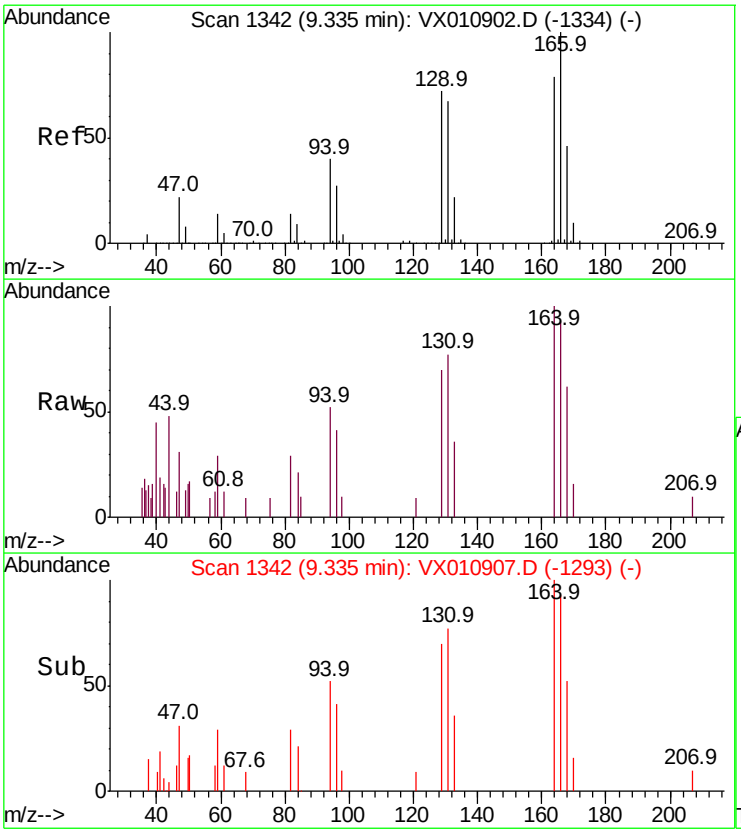
Tgt Ion:117 Resp: 305065

Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.6	63.8
119	31.3	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

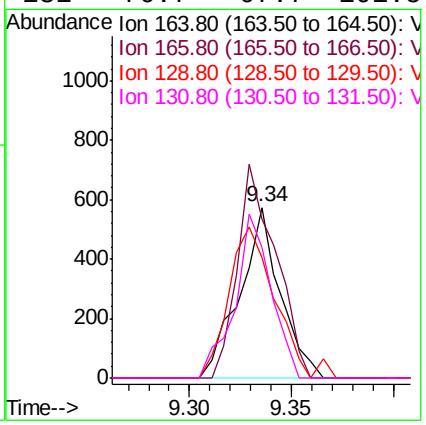
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

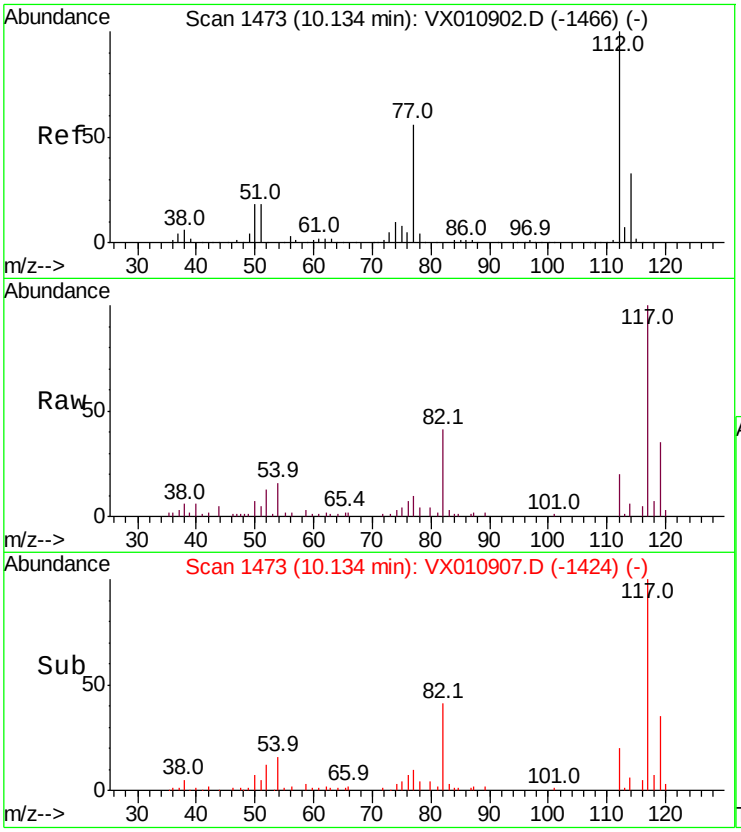


#64
Tetrachloroethene
Concen: 0.330 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:164 Resp: 791

Ion	Ratio	Lower	Upper
164	100		
166	93.4	100.8	151.2#
129	70.2	72.6	109.0#
131	76.7	67.7	101.5





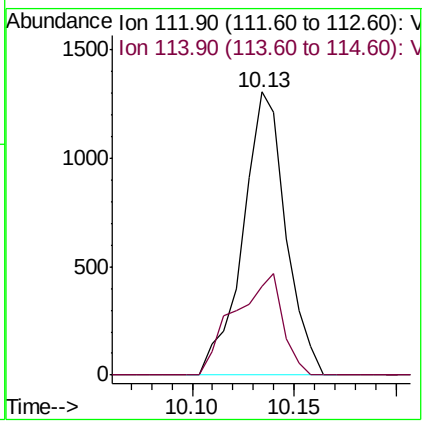
#65
Chlorobenzene
Concen: 0.305 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

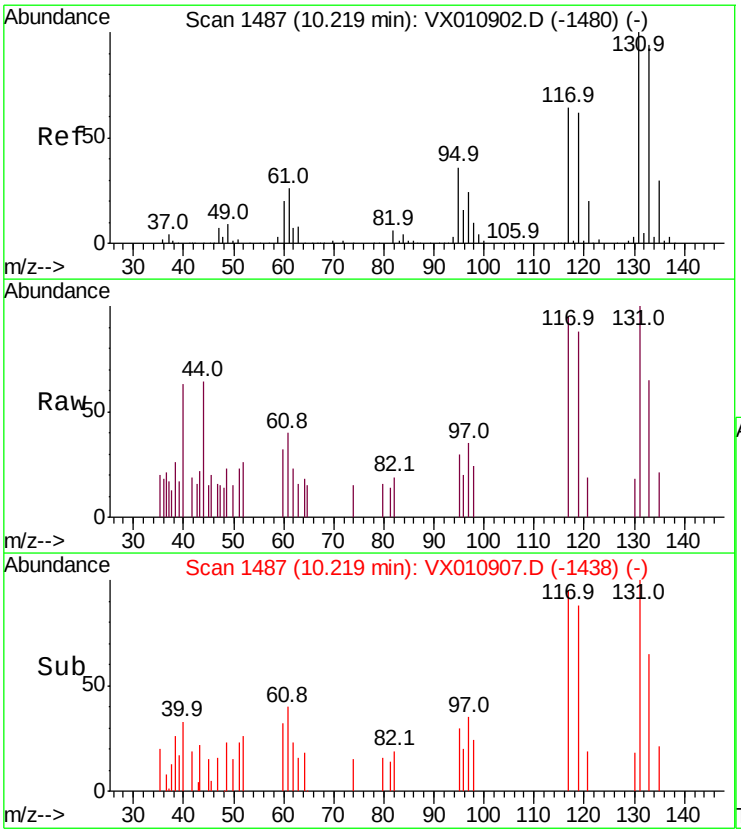
Tgt Ion:112 Resp: 1910

Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

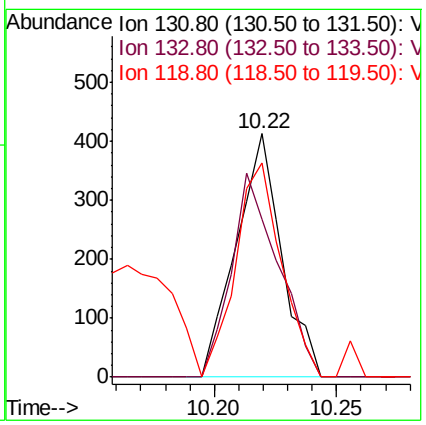


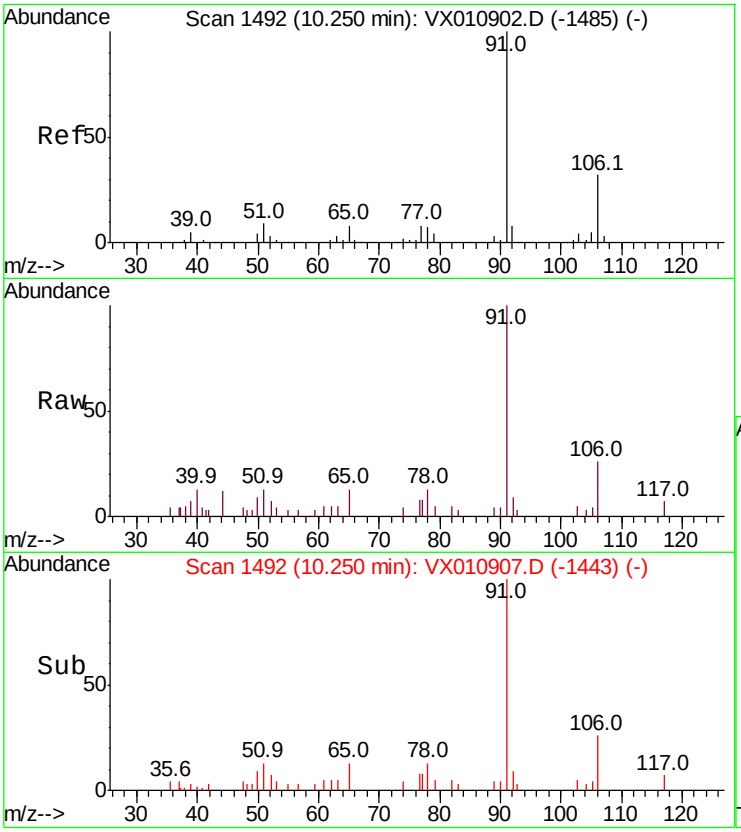


#66
1,1,1,2-Tetrachloroethane
Concen: 0.243 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:131 Resp: 535

Ion	Ratio	Lower	Upper
131	100		
133	86.4	47.1	141.4
119	0.0	31.9	95.7#





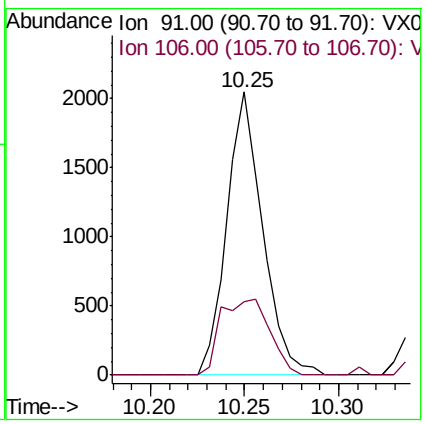
#67
Ethyl Benzene
Concen: 0.254 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

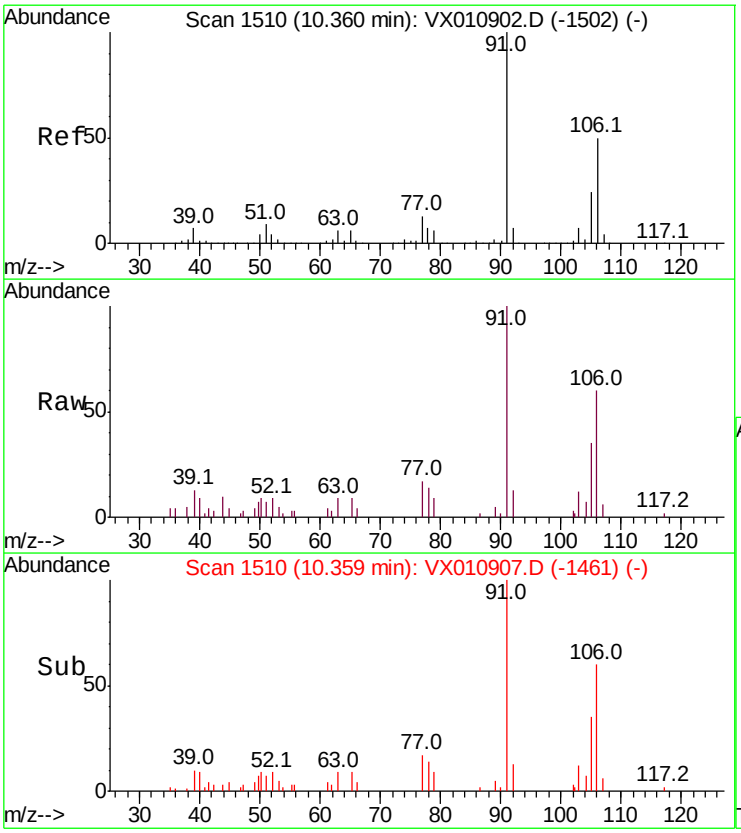
Tgt Ion: 91 Resp: 2714

Ion	Ratio	Lower	Upper
91	100		
106	26.1	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

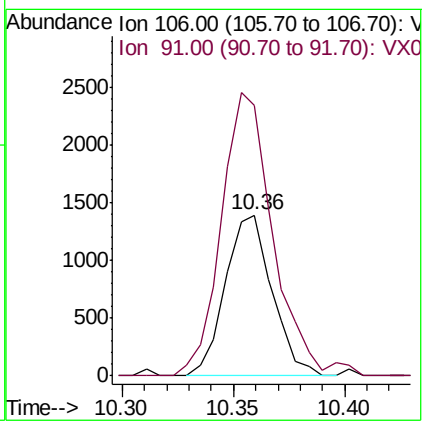


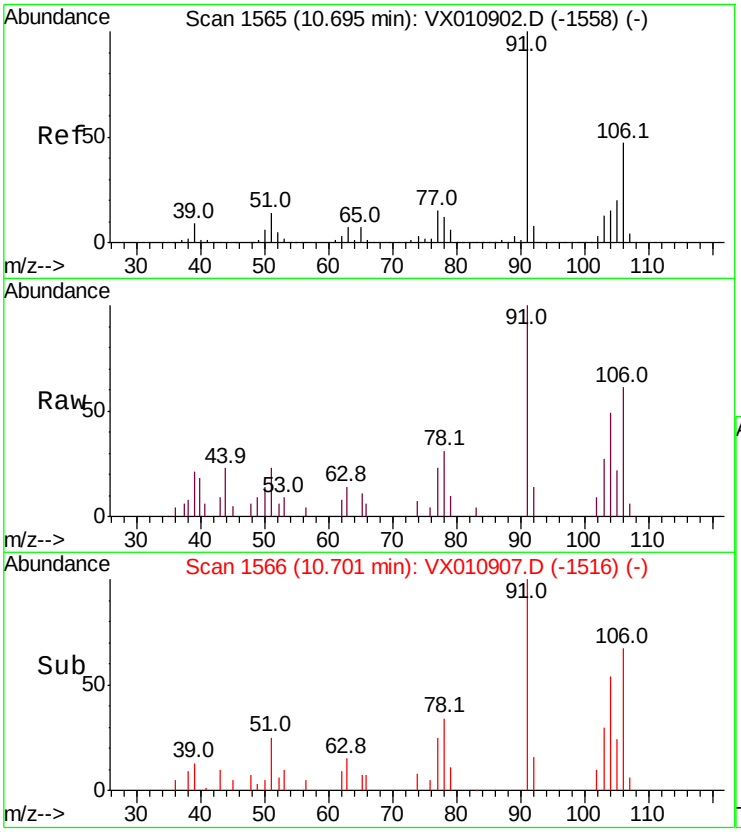


#68
m/p-Xylenes
Concen: 0.496 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:106 Resp: 2031

Ion	Ratio	Lower	Upper
106	100		
91	195.9	160.1	240.1





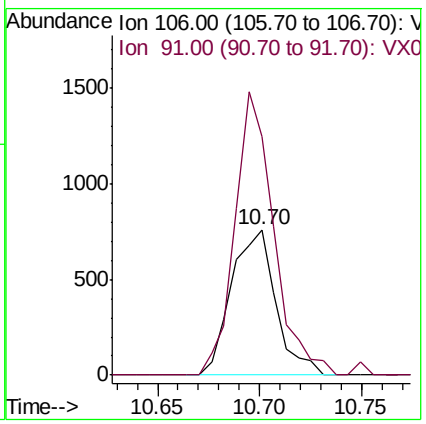
#69
o-Xylene
Concen: 0.288 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

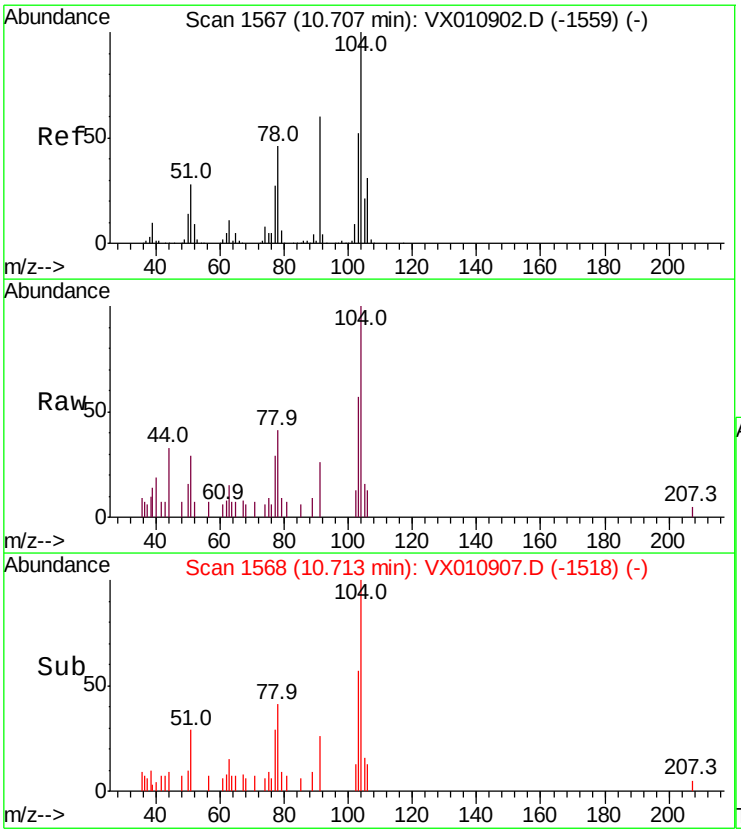
Tgt Ion:106 Resp: 1149

Ion	Ratio	Lower	Upper
106	100		
91	170.5	105.1	315.3

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

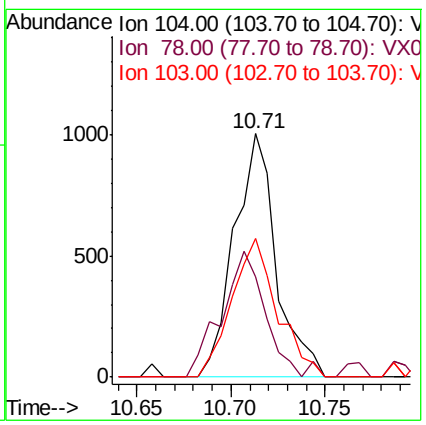


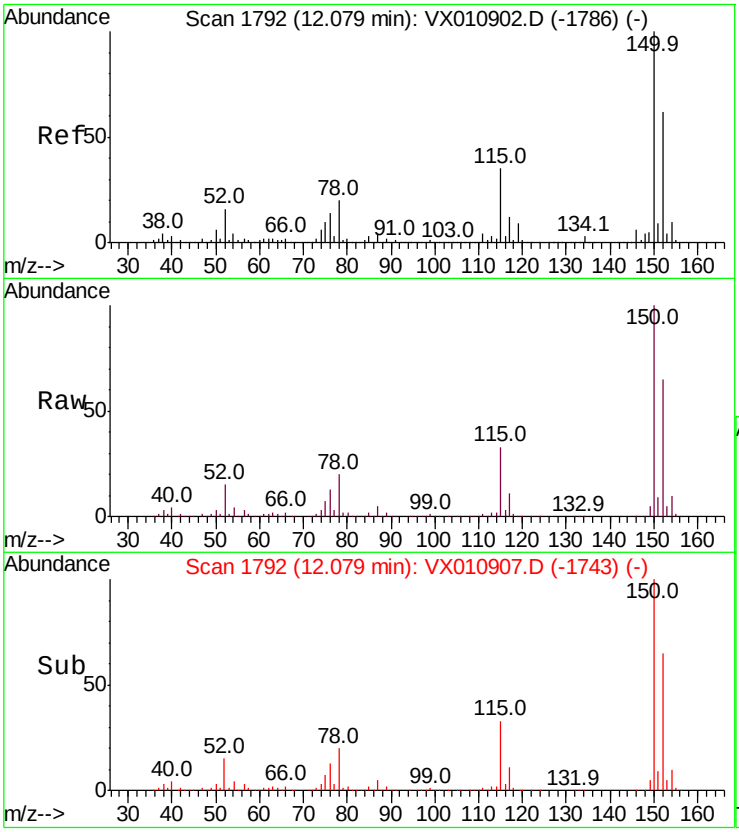


#70
Styrene
Concen: 0.233 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:104 Resp: 1549

Ion	Ratio	Lower	Upper
104	100		
78	54.7	38.8	58.2
103	61.9	44.2	66.4





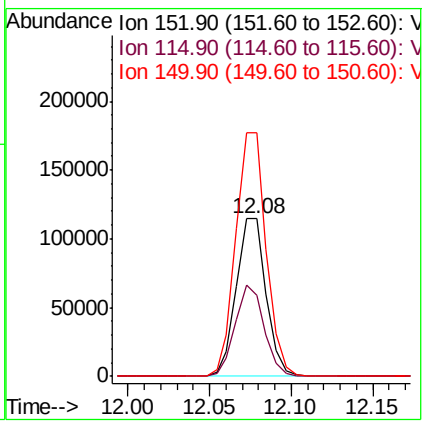
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

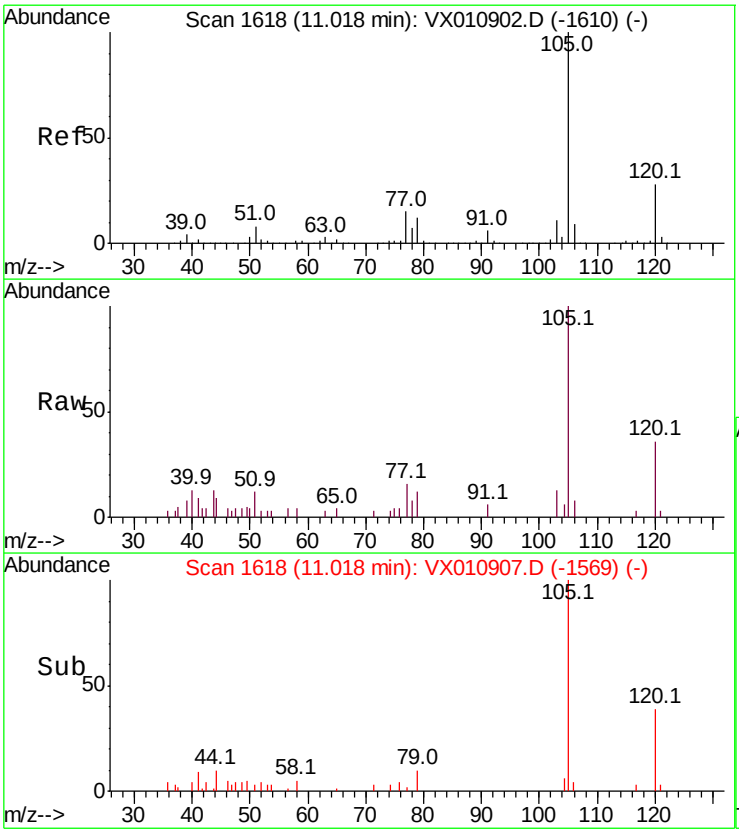
Tgt Ion:152 Resp: 146856

Ion	Ratio	Lower	Upper
152	100		
115	56.2	39.7	119.1
150	157.2	0.0	345.6

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

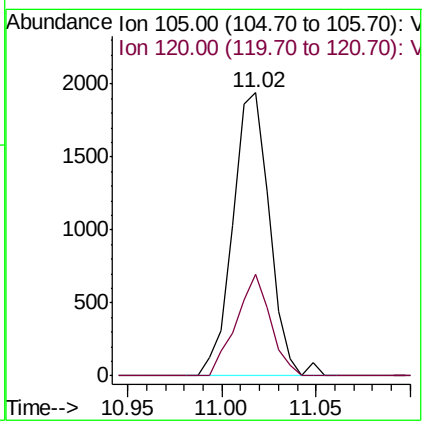


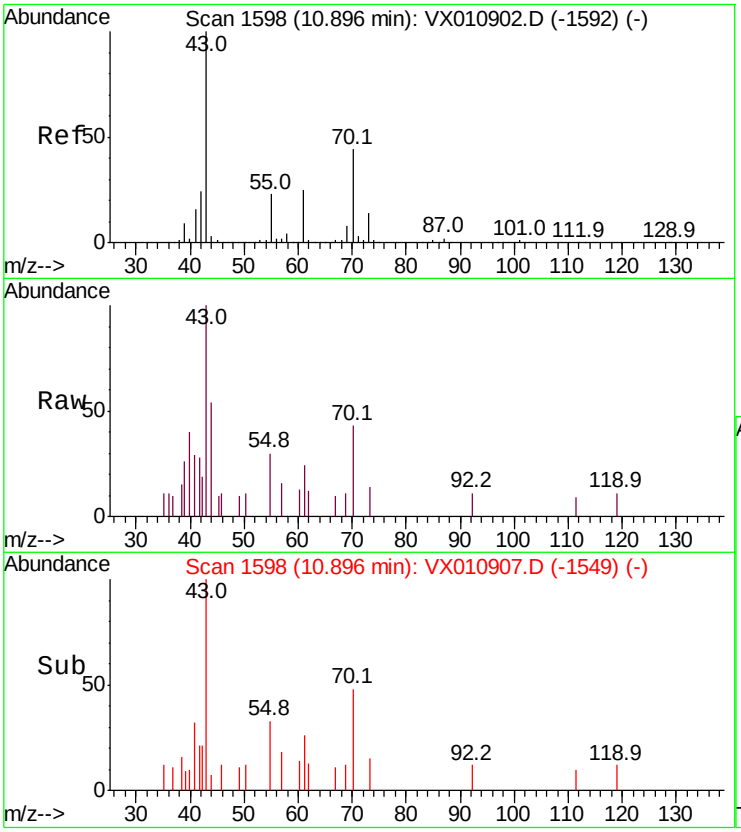


#73
Isopropylbenzene
Concen: 0.265 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:105 Resp: 2628

Ion	Ratio	Lower	Upper
105	100		
120	33.4	13.7	41.1

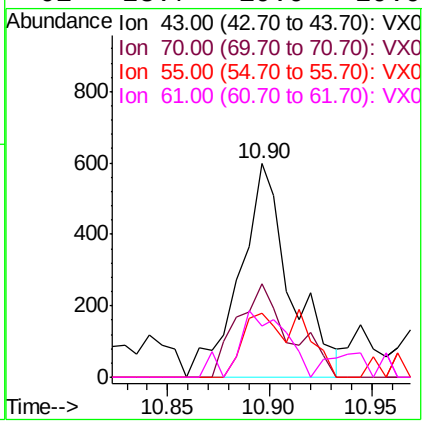




#74
N-amyl acetate
Concen: 0.274 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

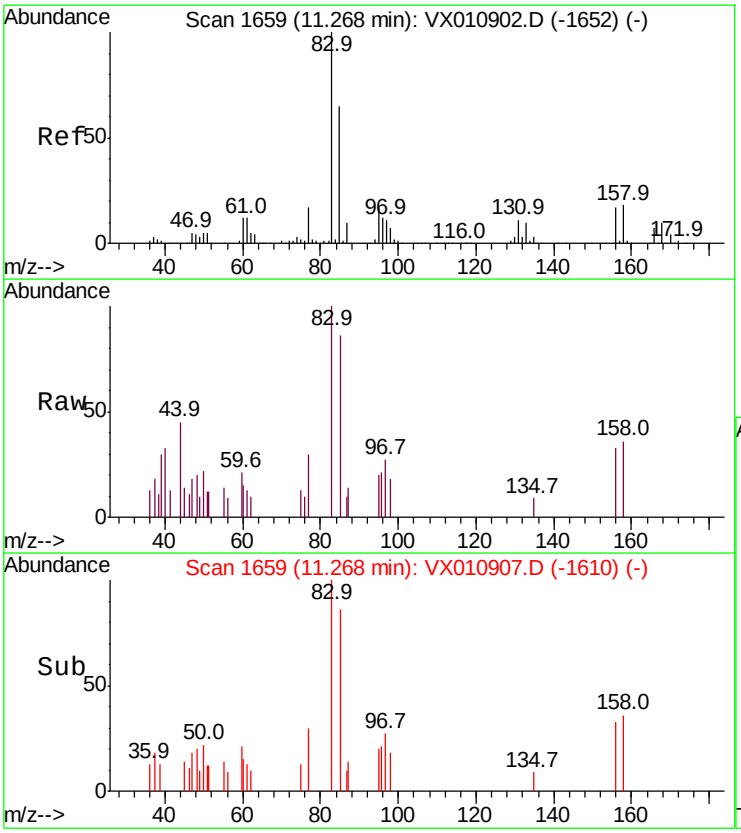
Tgt Ion: 43 Resp: 1038

Ion	Ratio	Lower	Upper
43	100		
70	45.0	34.7	52.1
55	22.7	19.1	28.7
61	28.7	19.9	29.9



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

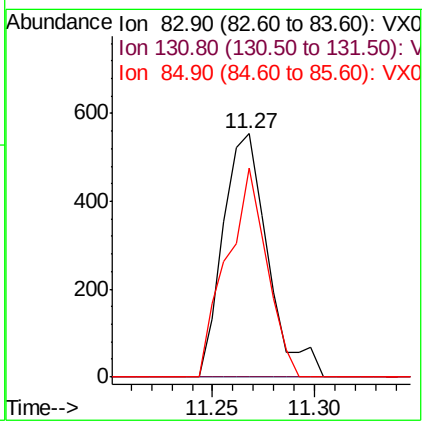
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

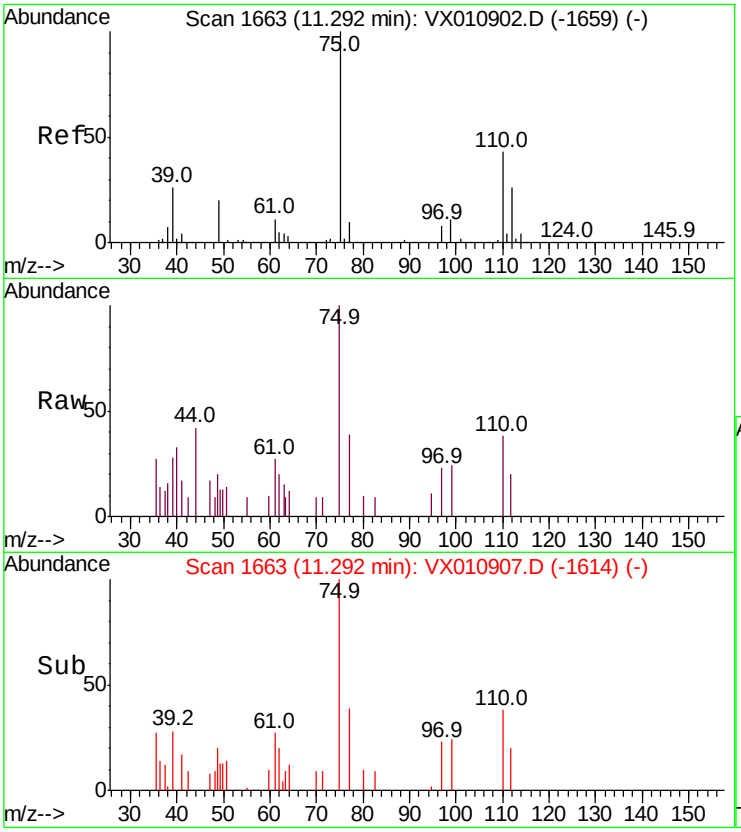


#75
1,1,2,2-Tetrachloroethane
Concen: 0.259 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 83 Resp: 842

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.4#
85	76.8	32.3	96.9





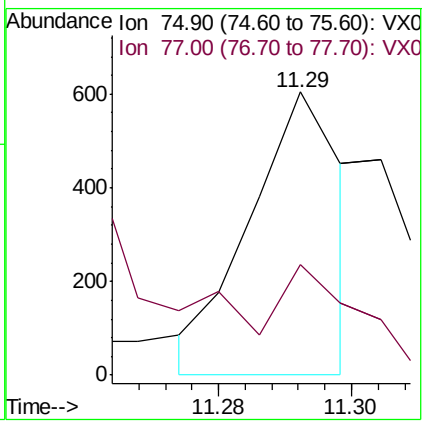
#76
1,2,3-Trichloropropane
Concen: 0.223 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

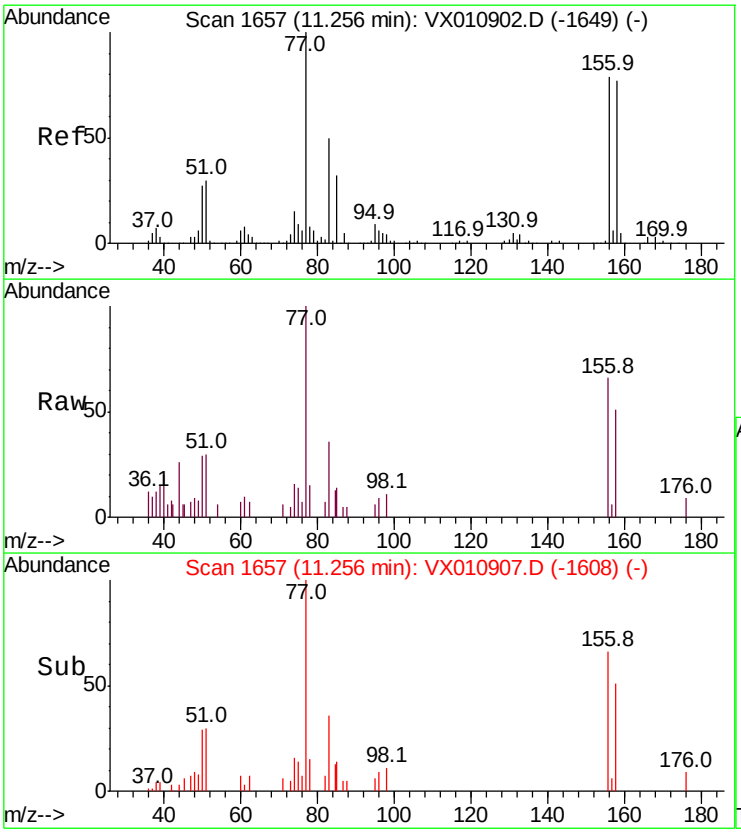
Tgt Ion: 75 Resp: 590

Ion	Ratio	Lower	Upper
75	100		
77	150.0	21.3	64.0#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

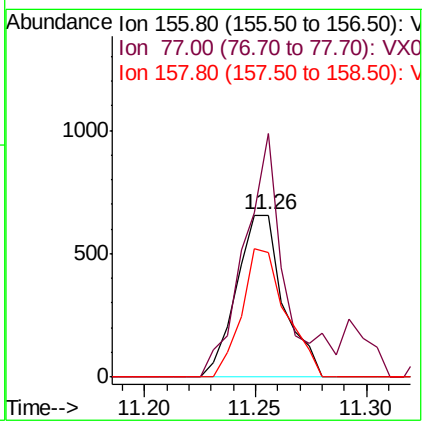


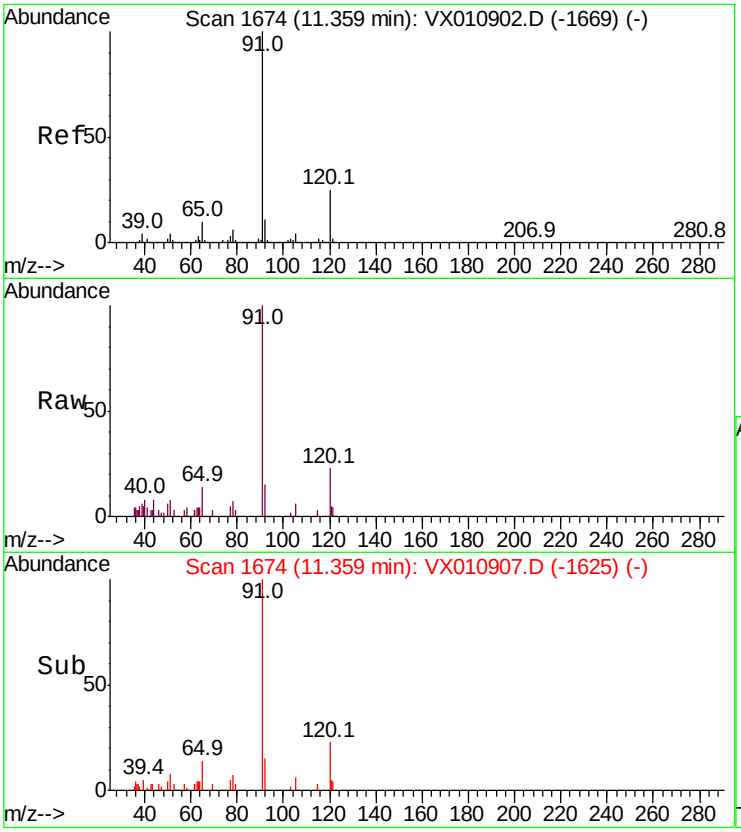


#77
Bromobenzene
Concen: 0.354 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:156 Resp: 968

Ion	Ratio	Lower	Upper
156	100		
77	120.5	68.7	206.1
158	74.2	47.9	143.7

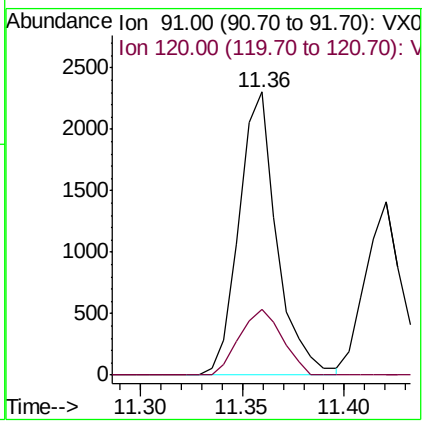




#78
n-propylbenzene
Concen: 0.271 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

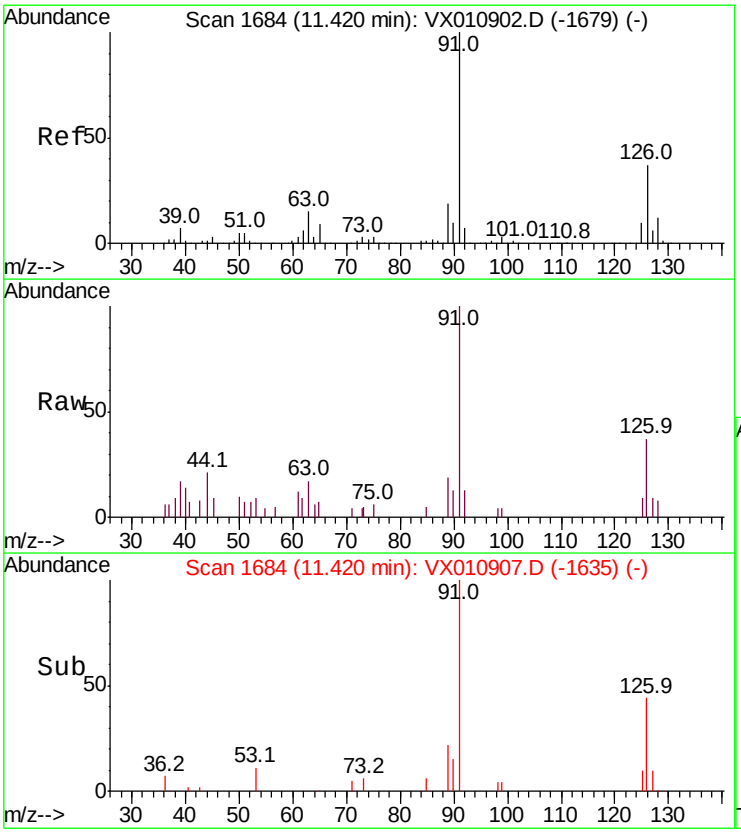
Tgt Ion: 91 Resp: 2969

Ion	Ratio	Lower	Upper
91	100		
120	26.2	12.3	36.8



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

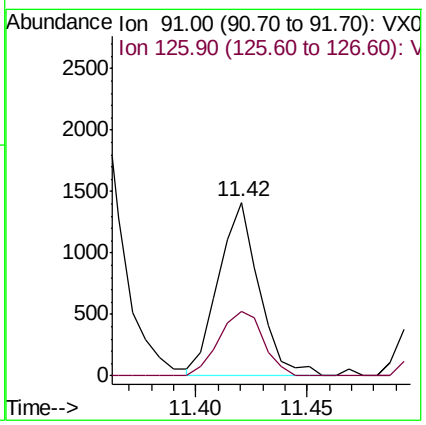
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

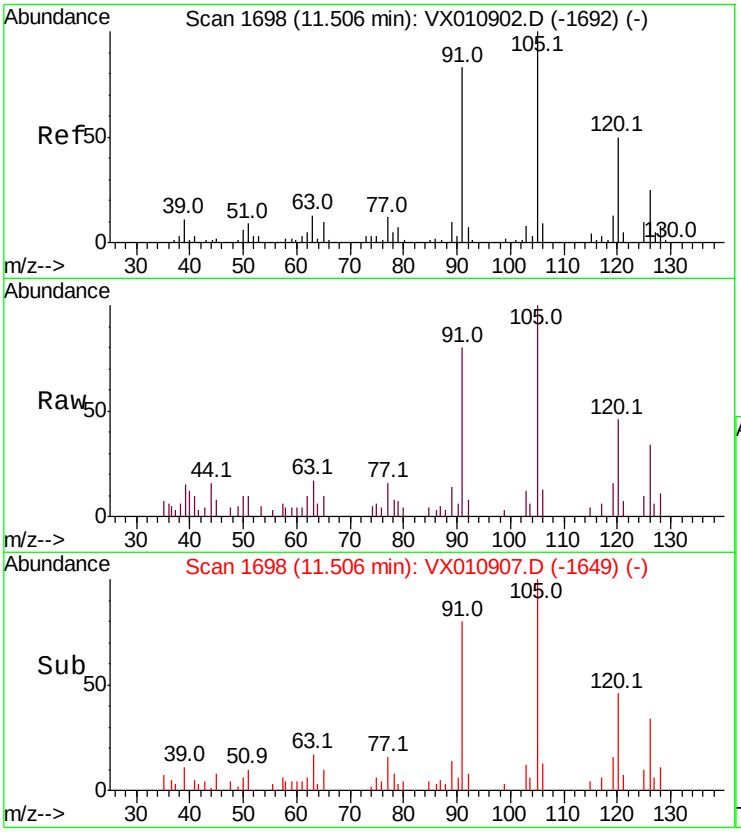


#79
2-Chlorotoluene
Concen: 0.272 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 91 Resp: 1792

Ion	Ratio	Lower	Upper
91	100		
126	40.7	18.0	54.0





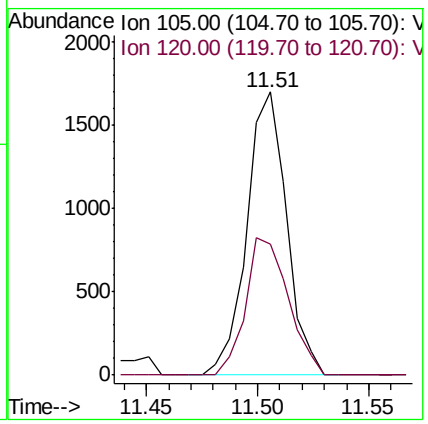
#80
1,3,5-Trimethylbenzene
Concen: 0.255 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

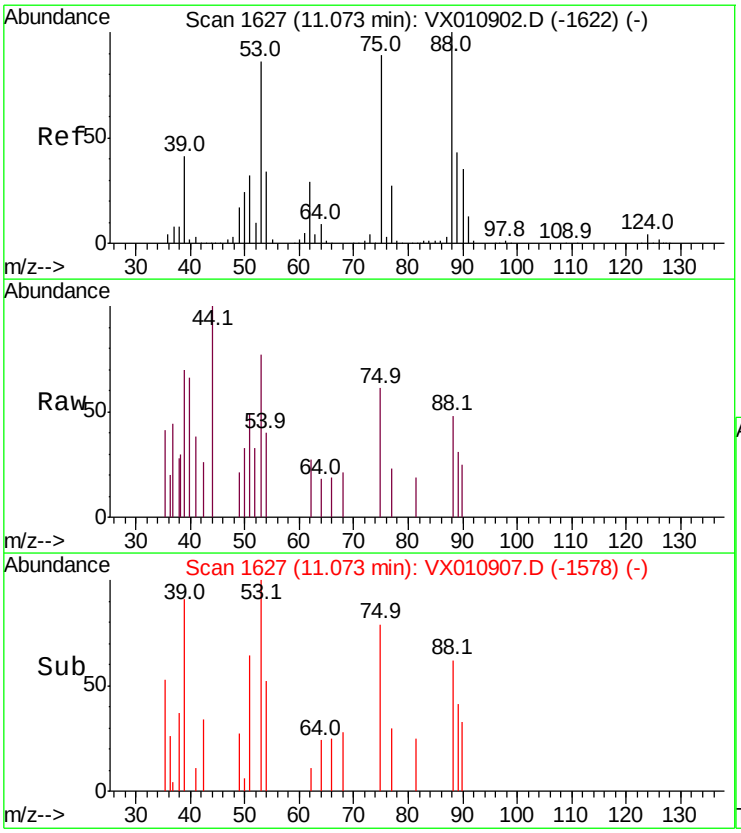
Tgt Ion:105 Resp: 2118

Ion	Ratio	Lower	Upper
105	100		
120	51.9	24.6	73.8

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

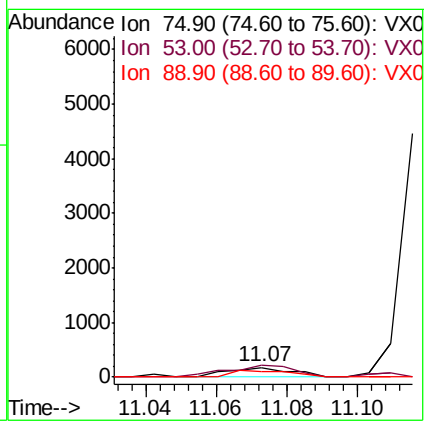


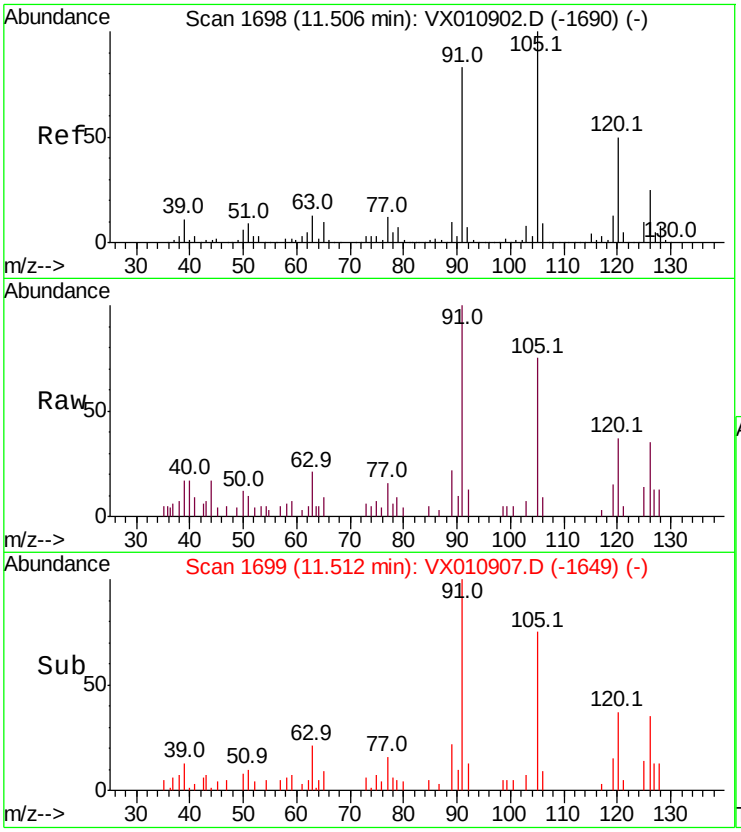


#81
trans-1,4-Dichloro-2-butene
Concen: 0.229 ug/l m
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 75 Resp: 221

Ion	Ratio	Lower	Upper
75	100		
53	26.7	76.7	115.1#
89	0.0	38.5	57.7#

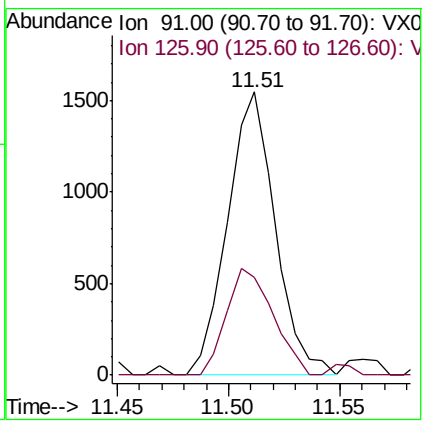




#82
4-Chlorotoluene
Concen: 0.301 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

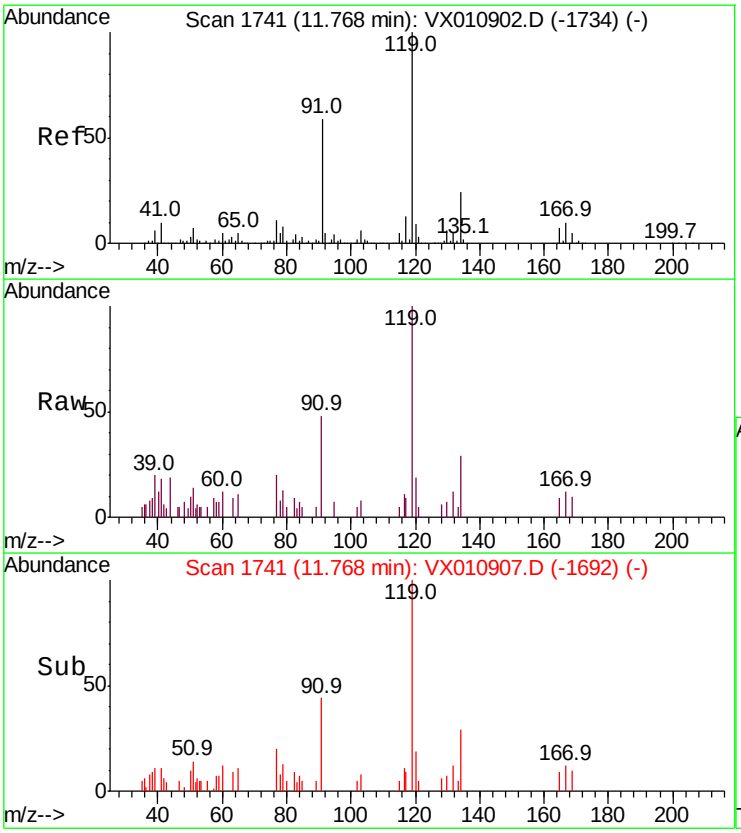
Tgt Ion: 91 Resp: 2308

Ion	Ratio	Lower	Upper
91	100		
126	36.9	15.9	47.7



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

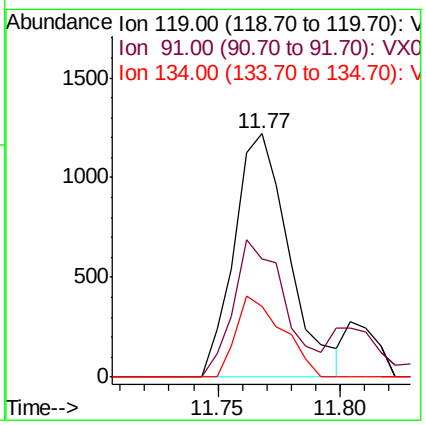
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

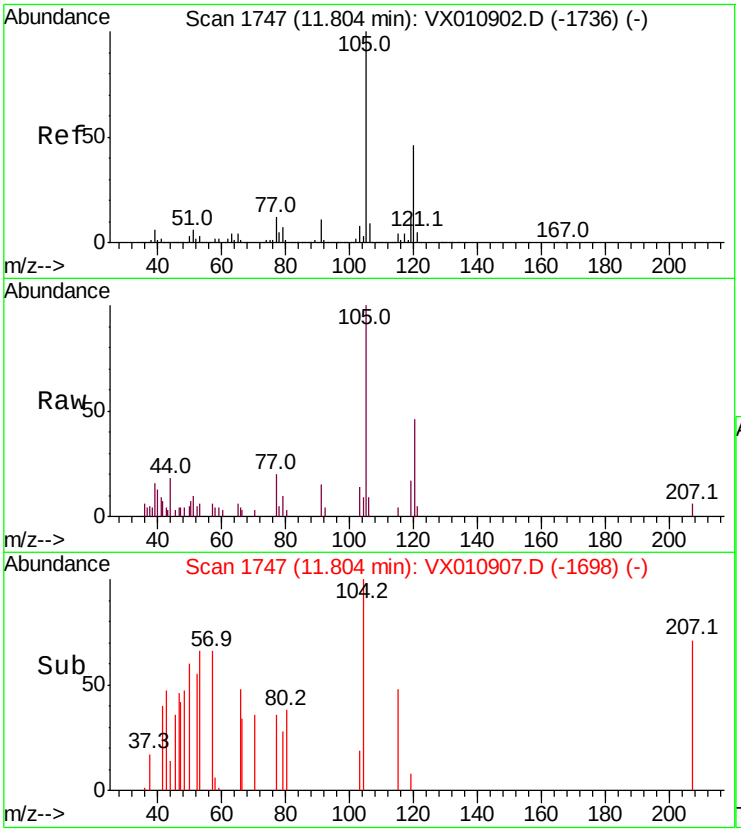


#83
tert-Butylbenzene
Concen: 0.234 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:119 Resp: 1902

Ion	Ratio	Lower	Upper
119	100		
91	53.8	28.6	85.8
134	28.3	11.6	34.8

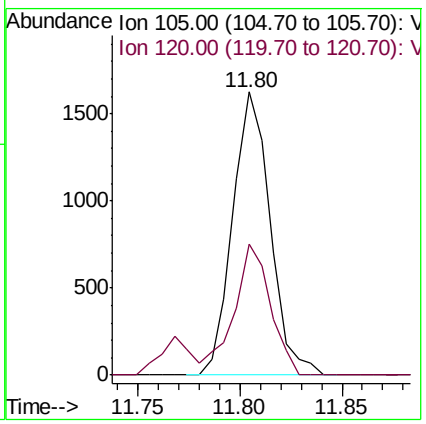




#84
1,2,4-Trimethylbenzene
Concen: 0.248 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

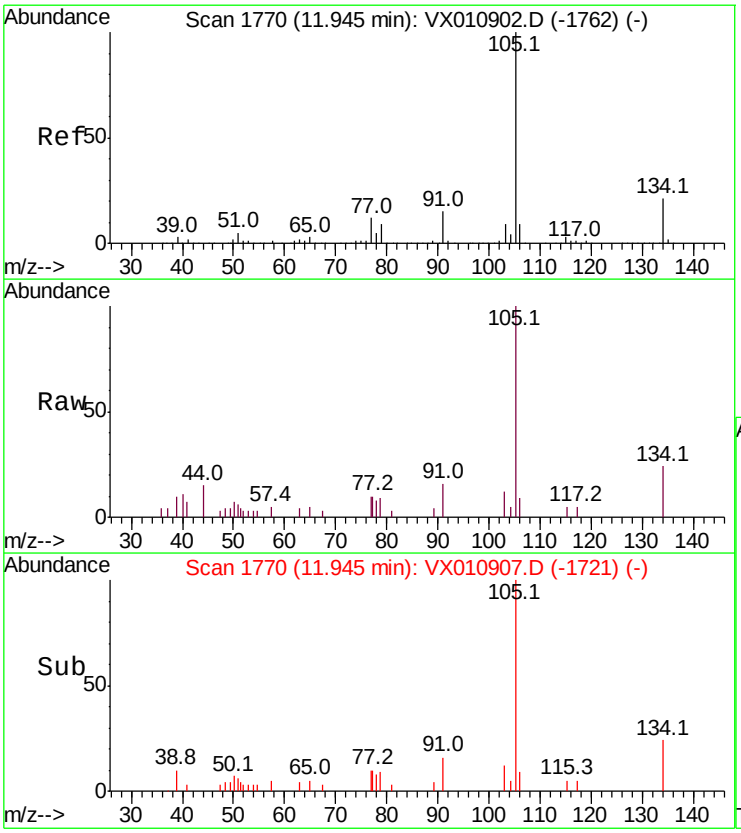
Tgt Ion:105 Resp: 2069

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.9	68.5



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

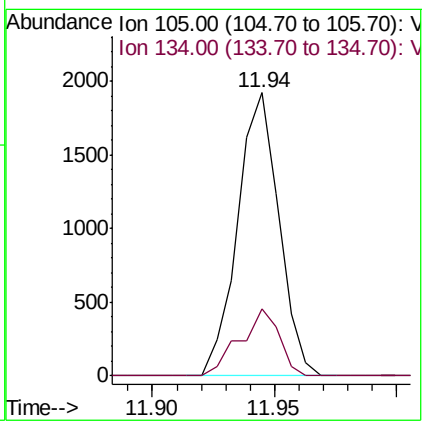
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

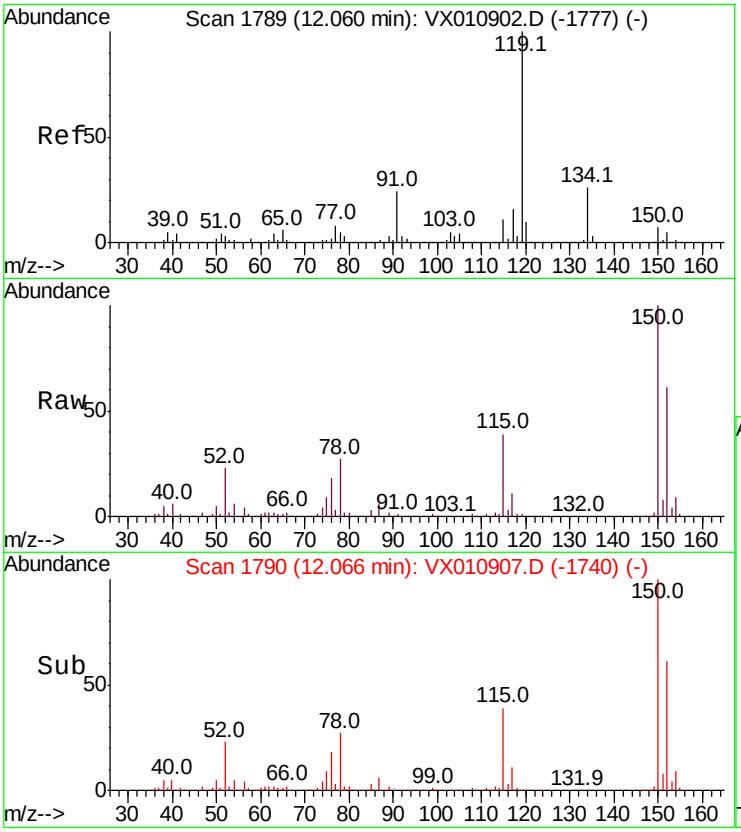


#85
sec-Butylbenzene
Concen: 0.237 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:105 Resp: 2262

Ion	Ratio	Lower	Upper
105	100		
134	22.3	10.4	31.4





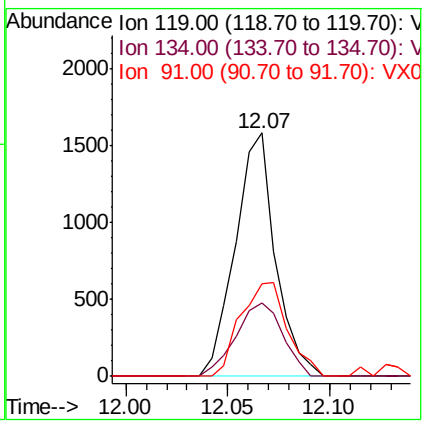
#86
p-Isopropyltoluene
Concen: 0.246 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

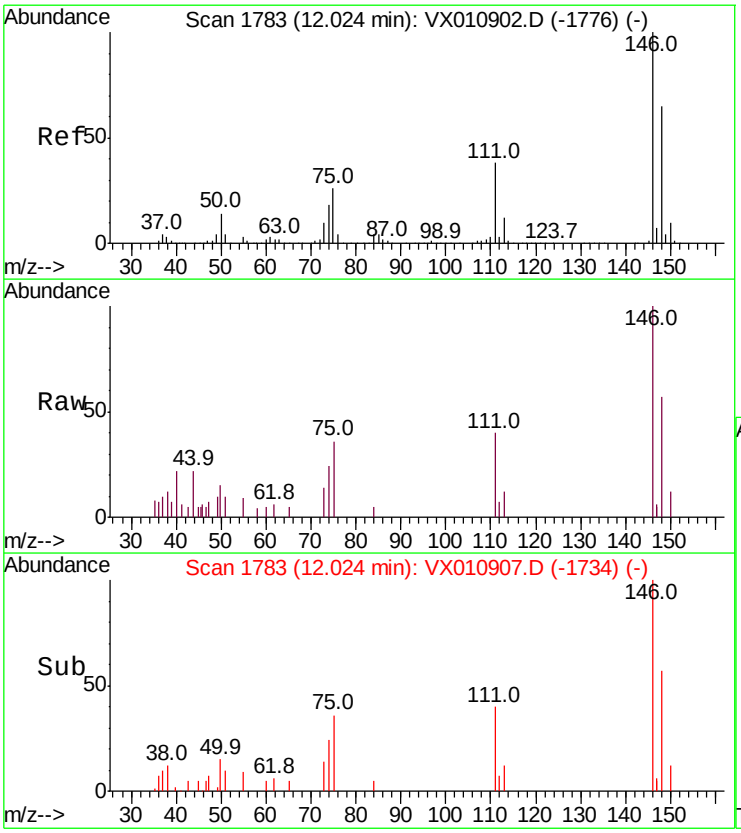
Tgt Ion:119 Resp: 2170

Ion	Ratio	Lower	Upper
119	100		
134	35.1	13.4	40.1
91	45.2	11.8	35.4#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

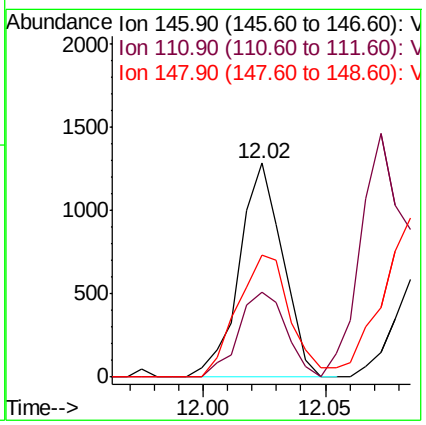


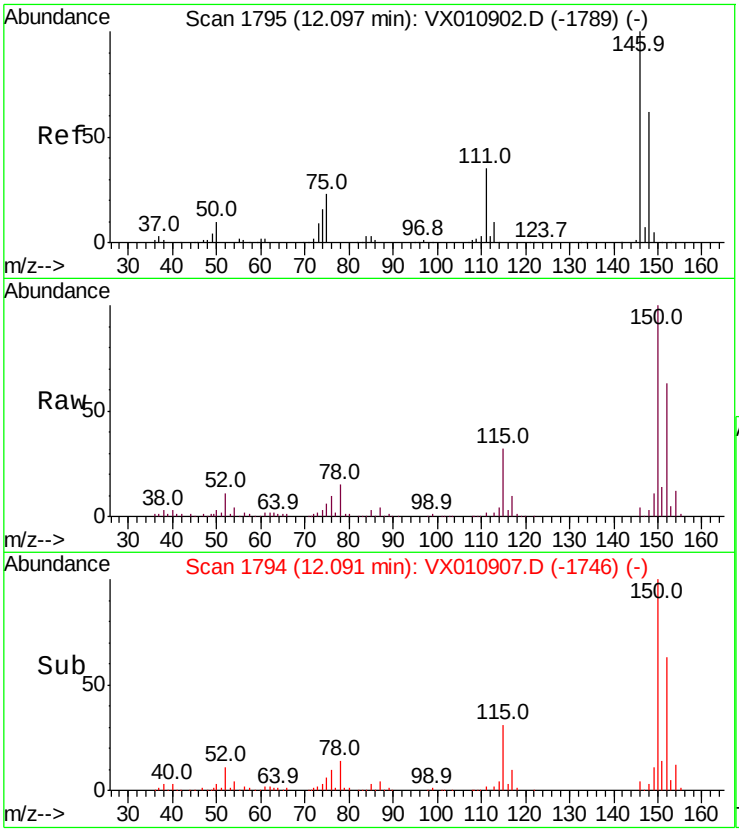


#87
1,3-Dichlorobenzene
Concen: 0.334 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:146 Resp: 1586

Ion	Ratio	Lower	Upper
146	100		
111	43.4	18.9	56.9
148	69.1	32.2	96.6

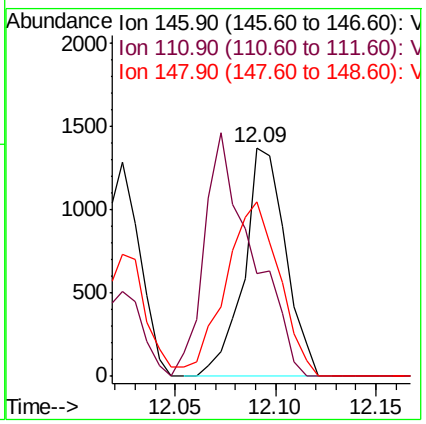




#88
1,4-Dichlorobenzene
Concen: 0.401 ug/l m
RT: 12.09 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

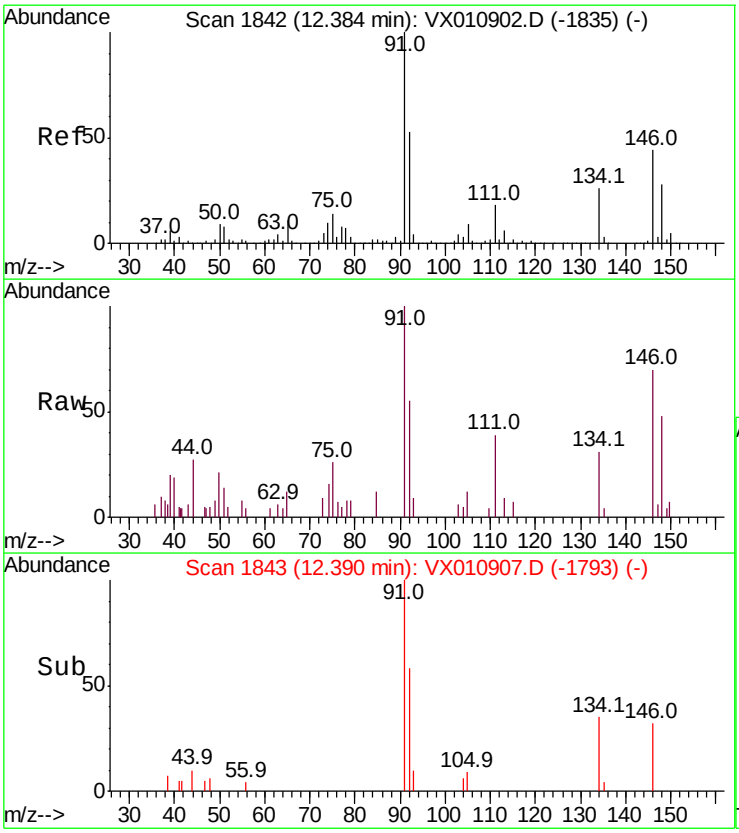
Tgt Ion:146 Resp: 1954

Ion	Ratio	Lower	Upper
146	100		
111	35.2	18.6	55.8
148	56.1	31.6	94.7



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

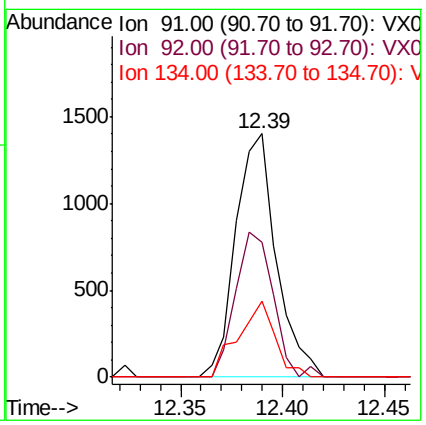
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

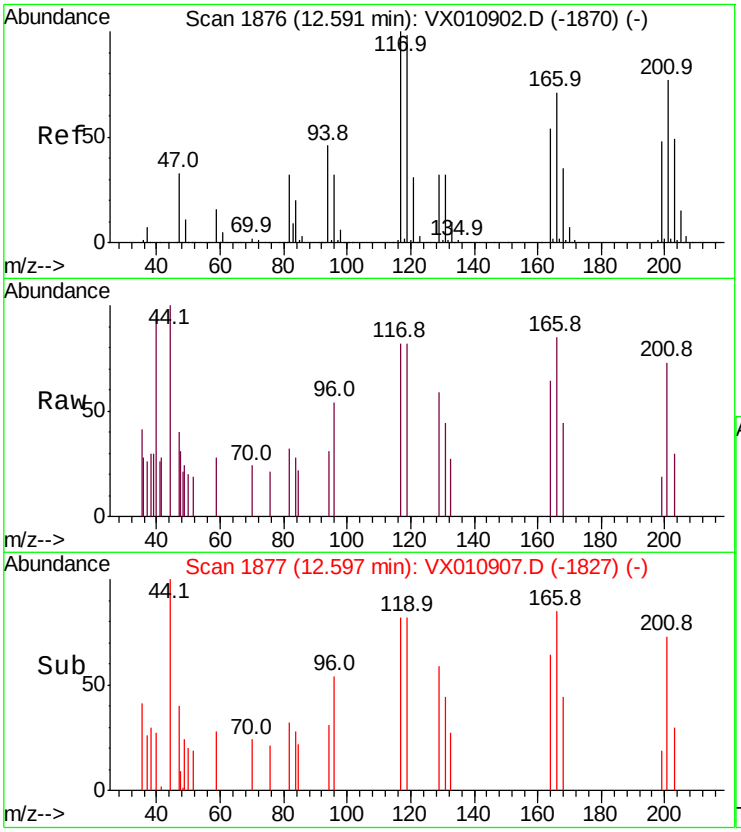


#89
n-Butylbenzene
Concen: 0.257 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion: 91 Resp: 1940

Ion	Ratio	Lower	Upper
91	100		
92	55.2	26.2	78.5
134	28.7	13.8	41.3





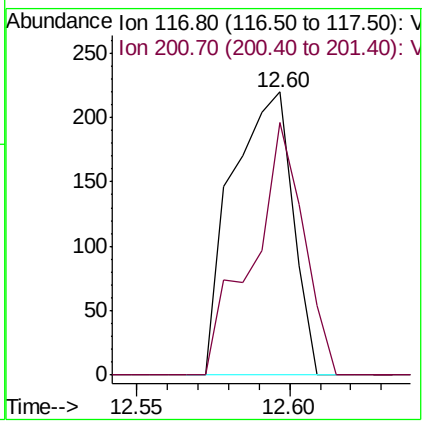
#90
Hexachloroethane
Concen: 0.217 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

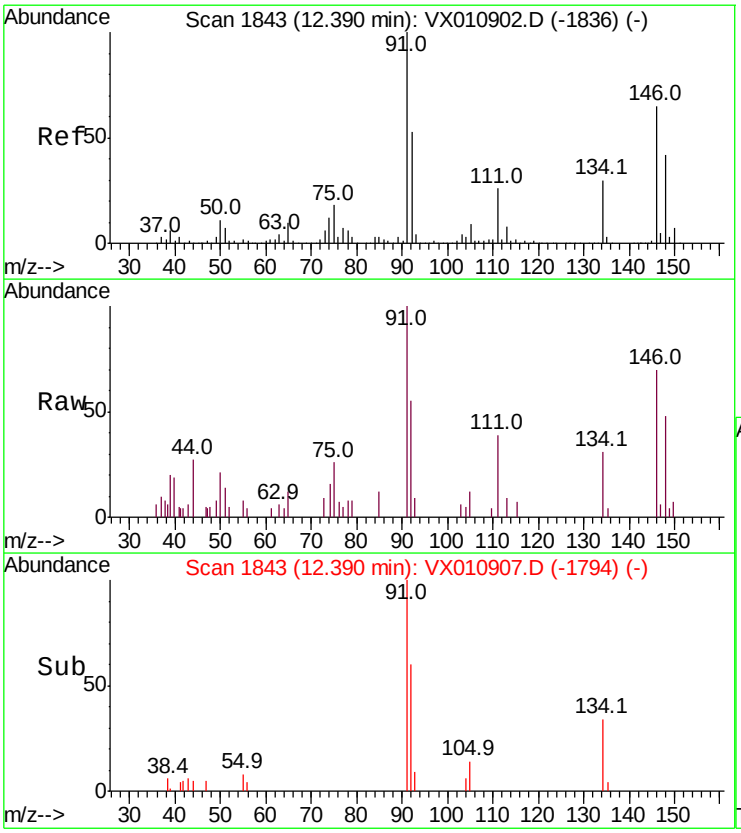
Tgt Ion:117 Resp: 302

Ion	Ratio	Lower	Upper
117	100		
201	75.8	43.3	129.8

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

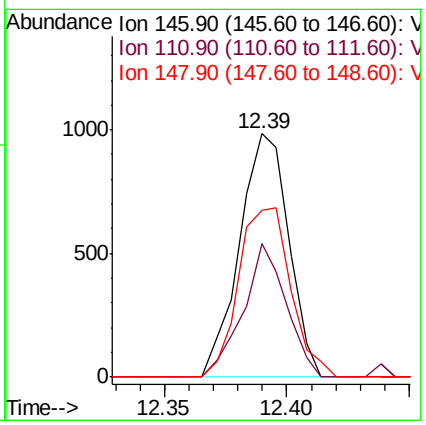


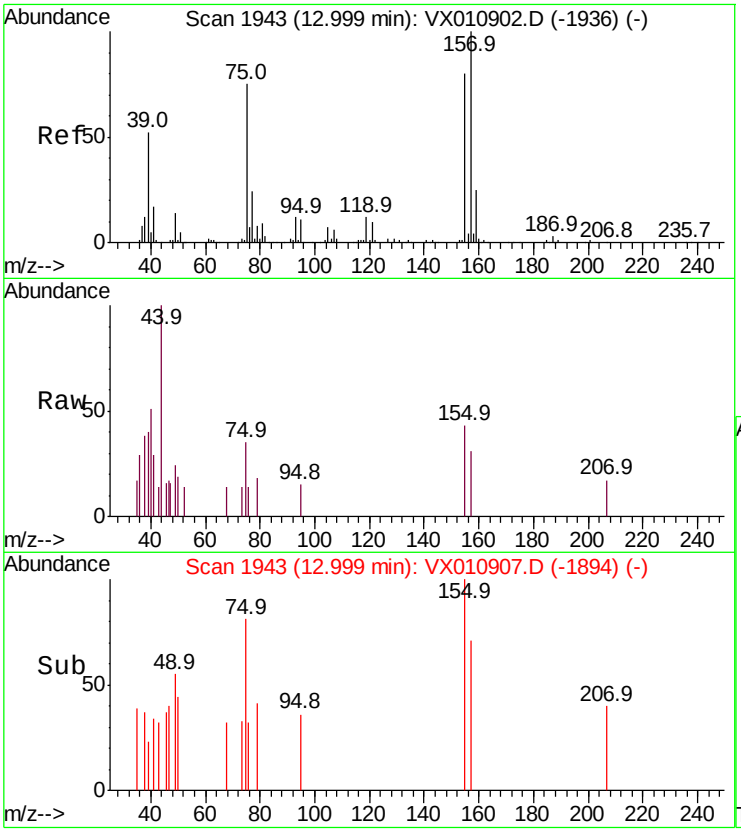


#91
1,2-Dichlorobenzene
Concen: 0.292 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:146 Resp: 1373

Ion	Ratio	Lower	Upper
146	100		
111	47.9	19.9	59.7
148	73.8	32.0	96.2





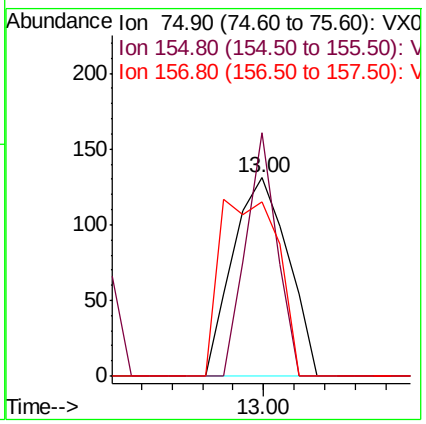
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.240 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

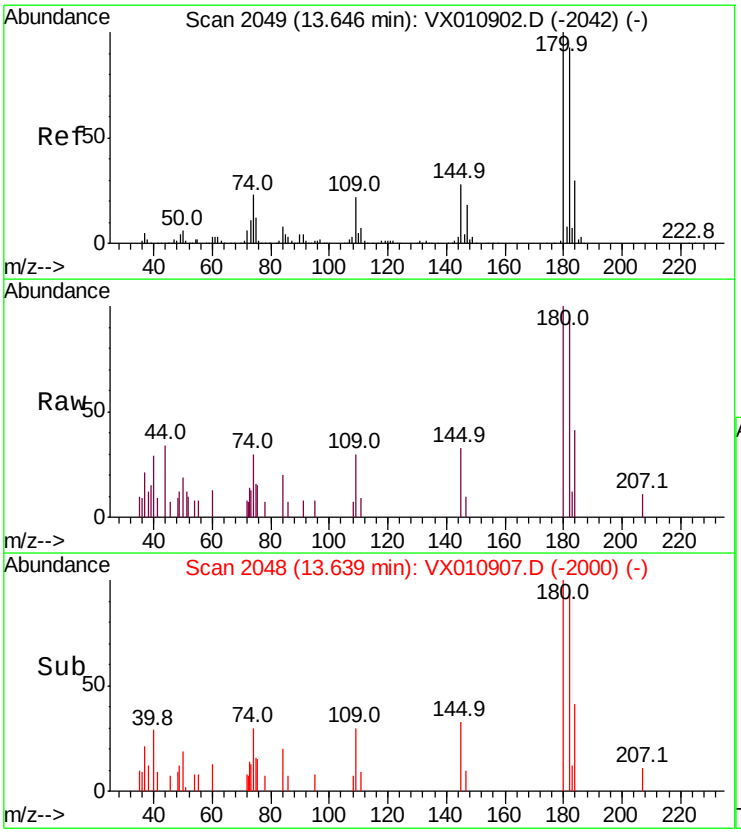
Tgt Ion: 75 Resp: 163

Ion	Ratio	Lower	Upper
75	100		
155	69.3	48.7	146.1
157	95.7	62.5	187.6

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

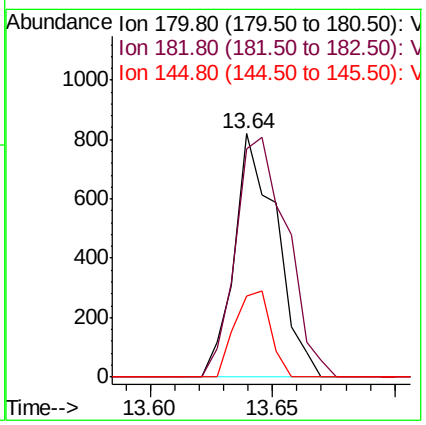


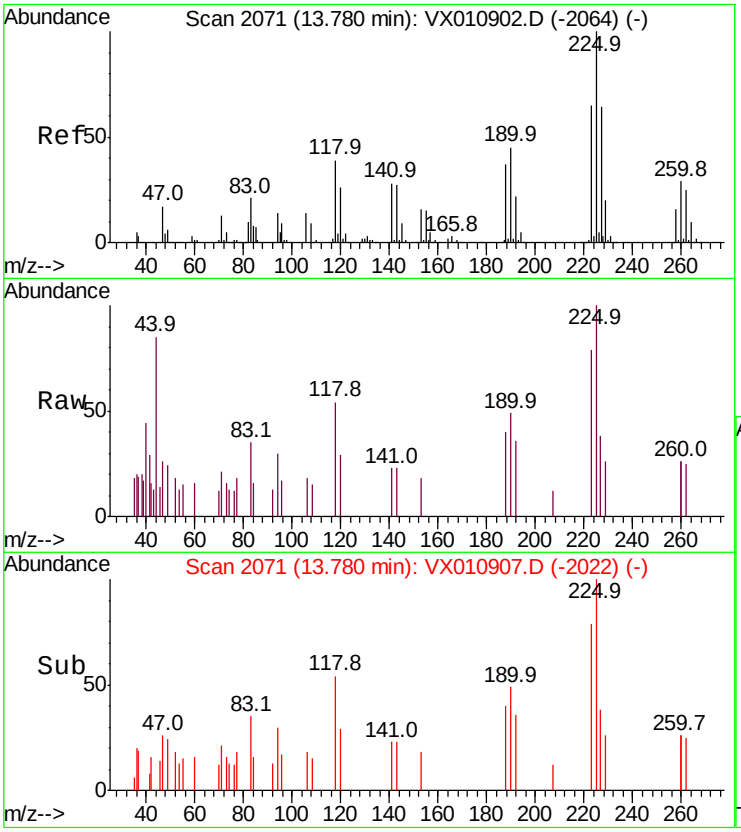


#93
1,2,4-Trichlorobenzene
Concen: 0.309 ug/l
RT: 13.64 min Scan# 2048
Delta R.T. -0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:180 Resp: 986

Ion	Ratio	Lower	Upper
180	100		
182	119.6	47.1	141.3
145	29.6	14.8	44.4

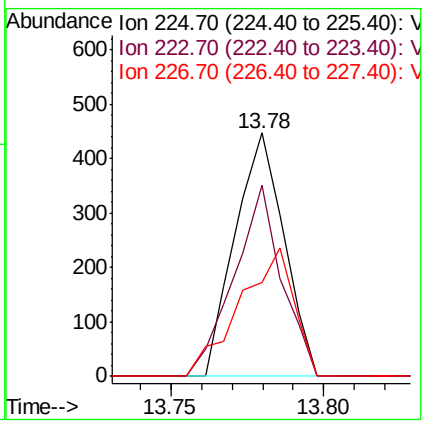




#94
Hexachlorobutadiene
Concen: 0.313 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

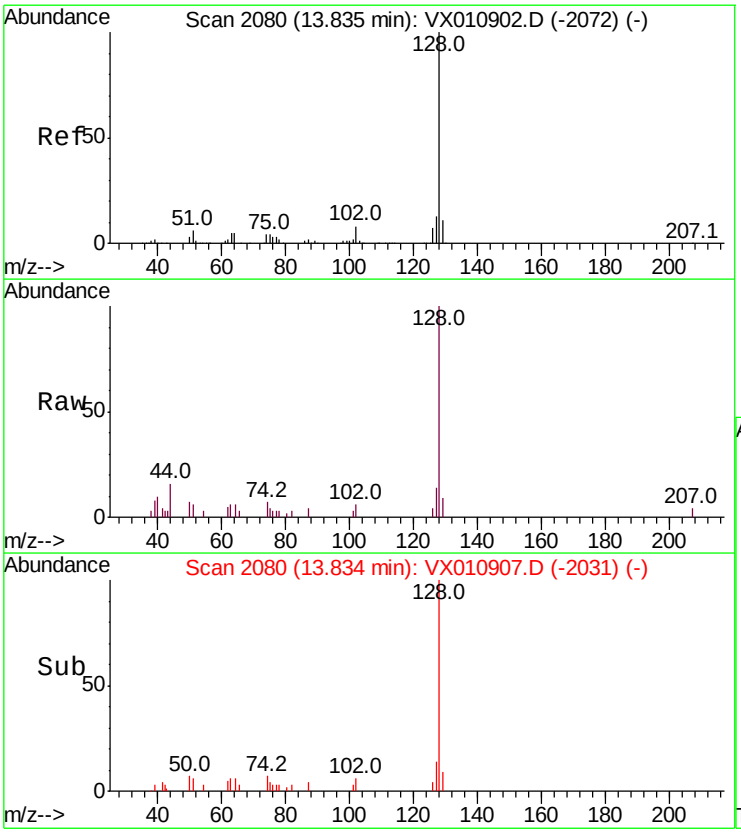
Tgt Ion:225 Resp: 495

Ion	Ratio	Lower	Upper
225	100		
223	76.6	31.9	95.9
227	58.4	32.5	97.4



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

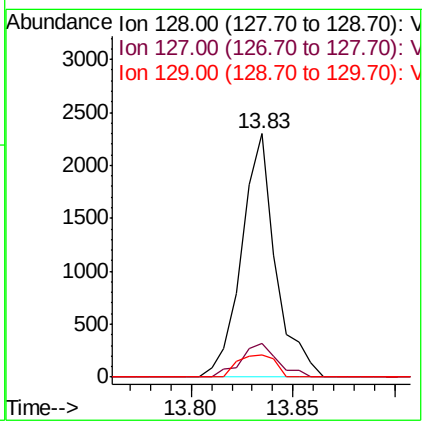
Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM

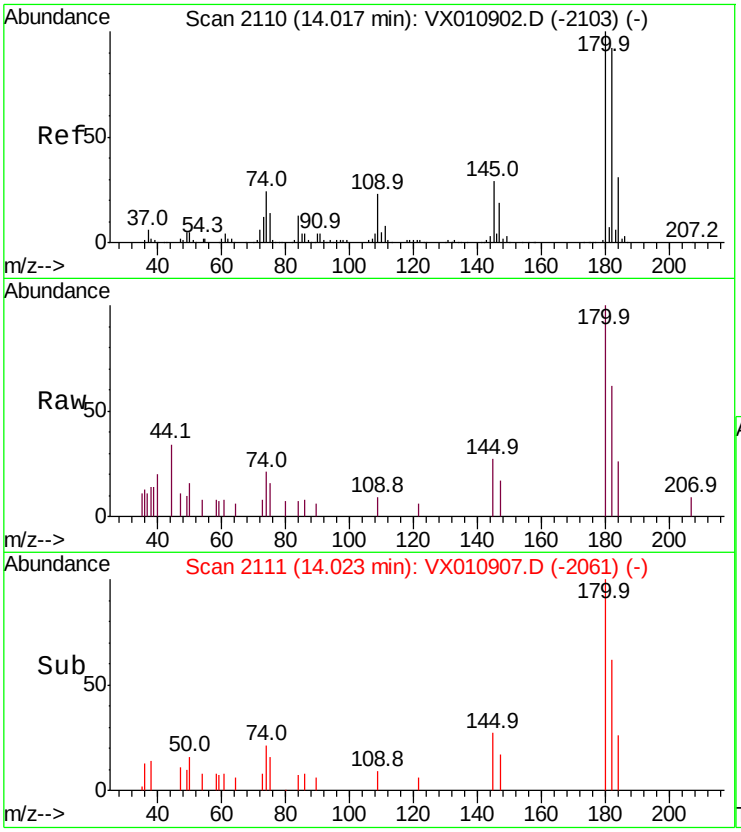


#95
Naphthalene
Concen: 0.283 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:128 Resp: 2665

Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.4	15.6
129	9.9	8.9	13.3

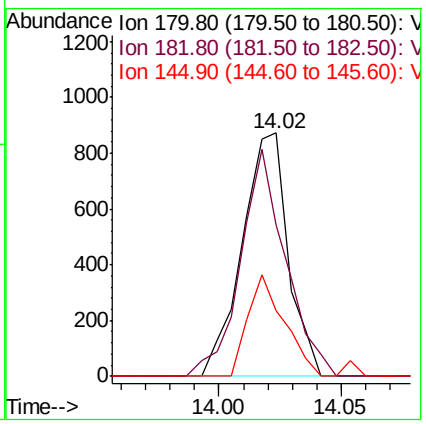




#96
1,2,3-Trichlorobenzene
Concen: 0.362 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX010907.D
Acq: 16 Jul 2019 15:32

Tgt Ion:180 Resp: 1150

Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.4	142.3
145	33.0	15.1	45.3



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/17/2019 10:45:28 AM