Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101019\
Data File : VX013001.D
Acq On : 10 Oct 2019 17:17
Operator : JC/SP
Sample : K5111-07 0.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

Quant Time: Oct 11 09:44:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:36:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	156324	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	272855	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	239948	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102650	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	105779	54.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.28%				
35) Dibromofluoromethane	5.49	113	79646	50.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.72%				
50) Toluene-d8	8.71	98	301390	49.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.68%				
62) 4-Bromofluorobenzene	11.14	95	106551	44.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	771	0.484	ug/l		88
3) Chloromethane	1.32	50	1013	0.584	ug/l	#	83
4) Vinyl Chloride	1.40	62	859	0.480	ug/l	#	61
5) Bromomethane	1.64	94	636	0.855	ug/l	#	78
6) Chloroethane	1.72	64	300	0.285	ug/l		95
7) Trichlorofluoromethane	1.93	101	1302	0.539	ug/l		99
8) Diethyl Ether	2.18	74	546	0.560	ug/l		56
9) 1,1,2-Trichlorotrifluoroet	2.37	101	883	0.565	ug/l		91
10) Methyl Iodide	2.51	142	522	0.339	ug/l	#	84
11) Tert butyl alcohol	3.01	59	4365	8.427	ug/l	#	72
12) 1,1-Dichloroethene	2.36	96	893	0.565	ug/l	#	85
13) Acrolein	2.28	56	746	2.027	ug/l	#	81
14) Allyl chloride	2.72	41	1463	0.520	ug/l		95
15) Acrylonitrile	3.14	53	2401	2.446	ug/l		98
16) Acetone	2.44	43	2902	2.818	ug/l		91
17) Carbon Disulfide	2.56	76	1983	0.440	ug/l	#	83
18) Methyl Acetate	2.76	43	1360	0.557	ug/l		99
19) Methyl tert-butyl Ether	3.19	73	2812	0.515	ug/l		97
20) Methylene Chloride	2.85	84	1412	0.746	ug/l	#	82
21) trans-1,2-Dichloroethene	3.15	96	872	0.515	ug/l	#	79
22) Diisopropyl ether	3.86	45	2901	0.538	ug/l	#	96
23) Vinyl Acetate	3.81	43	9656	2.075	ug/l	#	91
24) 1,1-Dichloroethane	3.69	63	1708	0.563	ug/l	#	88
25) 2-Butanone	4.69	43	3436m	2.405	ug/l		
26) 2,2-Dichloropropane	4.58	77	1112	0.436	ug/l	#	68
27) cis-1,2-Dichloroethene	4.59	96	1238	0.634	ug/l	#	3
28) Bromochloromethane	5.02	49	471	0.542	ug/l	#	13
29) Tetrahydrofuran	5.14	42	2137	2.431	ug/l	#	84
30) Chloroform	5.20	83	2043	0.657	ug/l		84
31) Cyclohexane	5.57	56	1328	0.468	ug/l	#	80
32) 1,1,1-Trichloroethane	5.48	97	1216	0.461	ug/l	#	48
36) 1,1-Dichloropropene	5.79	75	696	0.290	ug/l	#	76
37) Ethyl Acetate	4.84	43	1666	0.621	ug/l	#	77
38) Carbon Tetrachloride	5.78	117	1077	0.461	ug/l	#	72

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101019\
Data File : VX013001.D
Acq On : 10 Oct 2019 17:17
Operator : JC/SP
Sample : K5111-07 0.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

Quant Time: Oct 11 09:44:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:36:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	7.45	83	1445	0.497 ug/l	#	87
40) Benzene	6.14	78	3666	0.517 ug/l		93
41) Methacrylonitrile	5.04	41	420m	0.285 ug/l		
42) 1,2-Dichloroethane	6.19	62	1493	0.587 ug/l	#	73
43) Isopropyl Acetate	6.45	43	1937	0.450 ug/l	#	94
44) Trichloroethene	7.21	130	1226	0.624 ug/l		79
45) 1,2-Dichloropropane	7.51	63	981	0.543 ug/l	#	60
46) Dibromomethane	7.66	93	650	0.540 ug/l		96
47) Bromodichloromethane	7.89	83	1096	0.467 ug/l	#	98
48) Methyl methacrylate	7.77	41	987	0.470 ug/l	#	68
49) 1,4-Dioxane	7.74	88	247	4.869 ug/l	#	58
51) 4-Methyl-2-Pentanone	8.64	43	5859	2.183 ug/l		100
52) Toluene	8.78	92	2161	0.477 ug/l		98
53) t-1,3-Dichloropropene	9.04	75	903	0.347 ug/l	#	84
54) cis-1,3-Dichloropropene	8.44	75	995	0.345 ug/l		98
55) 1,1,2-Trichloroethane	9.21	97	896	0.499 ug/l	#	86
56) Ethyl methacrylate	9.18	69	1130	0.389 ug/l		92
57) 1,3-Dichloropropane	9.37	76	1593	0.513 ug/l		97
58) 2-Chloroethyl Vinyl ether	8.31	63	2451	1.860 ug/l		97
59) 2-Hexanone	9.49	43	3848	1.841 ug/l		99
60) Dibromochloromethane	9.57	129	673	0.383 ug/l		96
61) 1,2-Dibromoethane	9.67	107	893	0.473 ug/l		94
64) Tetrachloroethene	9.34	164	1093	0.657 ug/l	#	76
65) Chlorobenzene	10.14	112	2320	0.487 ug/l	#	81
66) 1,1,1,2-Tetrachloroethane	10.21	131	772	0.467 ug/l	#	65
67) Ethyl Benzene	10.25	91	3801	0.449 ug/l		96
68) m/p-Xylenes	10.35	106	2739	0.866 ug/l		96
69) o-Xylene	10.70	106	1468	0.476 ug/l		99
70) Styrene	10.71	104	2243	0.428 ug/l		92
71) Bromoform	10.85	173	447	0.375 ug/l	#	92
73) Isopropylbenzene	11.01	105	3410	0.452 ug/l		97
74) N-amyl acetate	10.90	43	1352	0.416 ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	11.26	83	1159	0.462 ug/l		100
76) 1,2,3-Trichloropropane	11.29	75	951m	0.418 ug/l		
77) Bromobenzene	11.25	156	1034	0.581 ug/l		92
78) n-propylbenzene	11.35	91	3941	0.475 ug/l		95
79) 2-Chlorotoluene	11.42	91	2568	0.492 ug/l		96
80) 1,3,5-Trimethylbenzene	11.50	105	2662	0.422 ug/l		96
81) trans-1,4-Dichloro-2-buten	11.07	75	266m	0.331 ug/l		
82) 4-Chlorotoluene	11.51	91	3028	0.506 ug/l		92
83) tert-Butylbenzene	11.77	119	2542	0.414 ug/l		93
84) 1,2,4-Trimethylbenzene	11.81	105	2888	0.453 ug/l		92
85) sec-Butylbenzene	11.95	105	3102	0.436 ug/l		93
86) p-Isopropyltoluene	12.06	119	2880	0.436 ug/l		89
87) 1,3-Dichlorobenzene	12.03	146	1462	0.443 ug/l		87
88) 1,4-Dichlorobenzene	12.09	146	1799m	0.538 ug/l		
89) n-Butylbenzene	12.38	91	2032	0.366 ug/l		98
90) Hexachloroethane	12.59	117	408	0.381 ug/l		80
91) 1,2-Dichlorobenzene	12.39	146	1656	0.511 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	290	0.493 ug/l	#	54

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101019\
Data File : VX013001.D
Acq On : 10 Oct 2019 17:17
Operator : JC/SP
Sample : K5111-07 0.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

Quant Time: Oct 11 09:44:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:36:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	784	0.387	ug/l	78
94) Hexachlorobutadiene	13.78	225	491	0.525	ug/l	78
95) Naphthalene	13.83	128	2682	0.381	ug/l	95
96) 1,2,3-Trichlorobenzene	14.02	180	741	0.354	ug/l	87

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

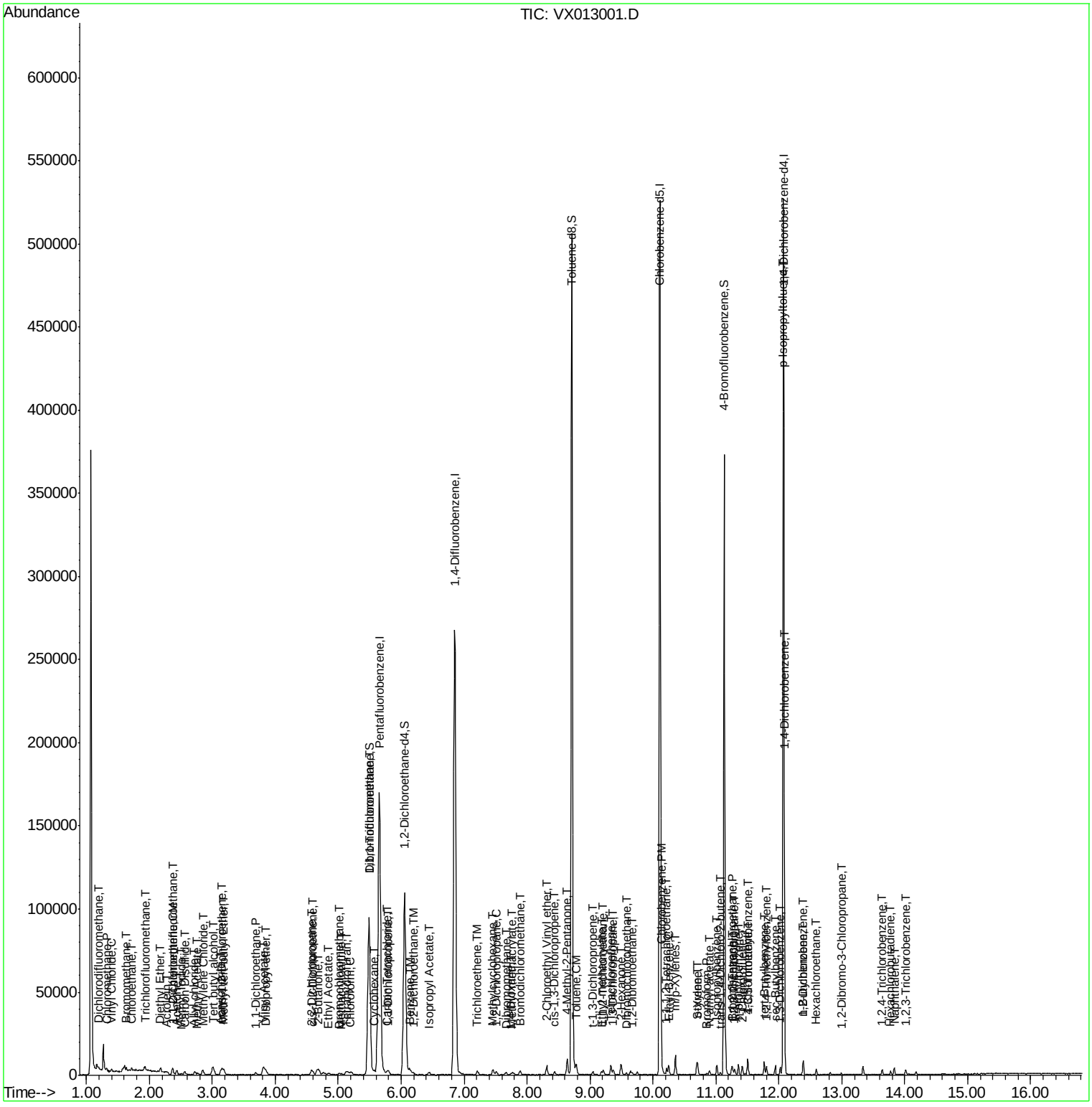
Quantitation Report (QT Reviewed)

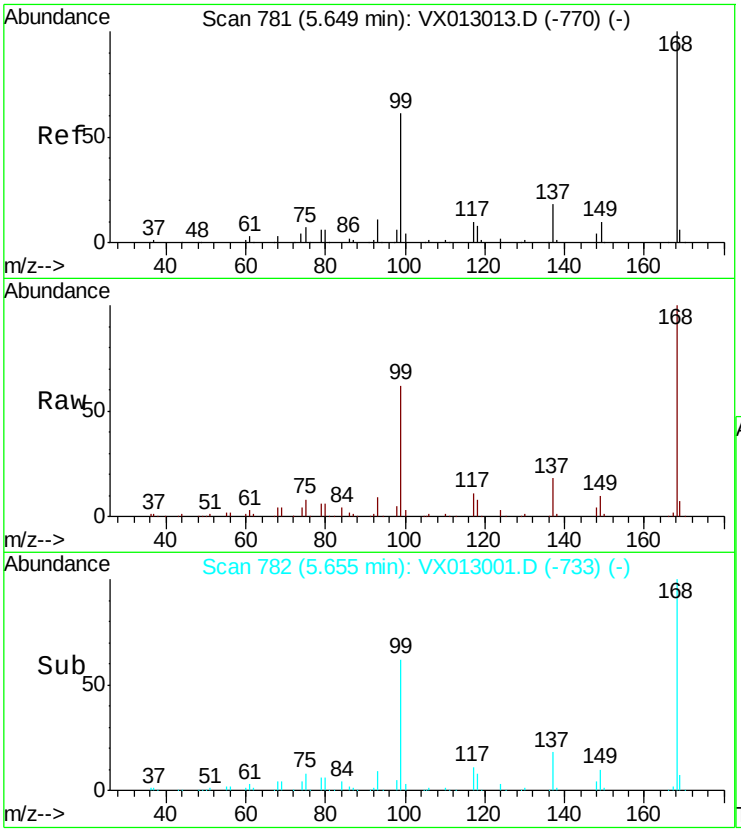
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101019\
Data File : VX013001.D
Acq On : 10 Oct 2019 17:17
Operator : JC/SP
Sample : K5111-07 0.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 11 09:44:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:36:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

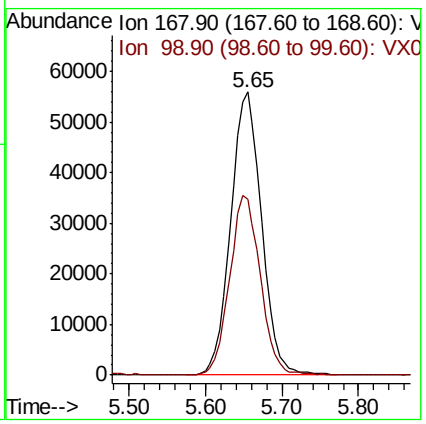




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

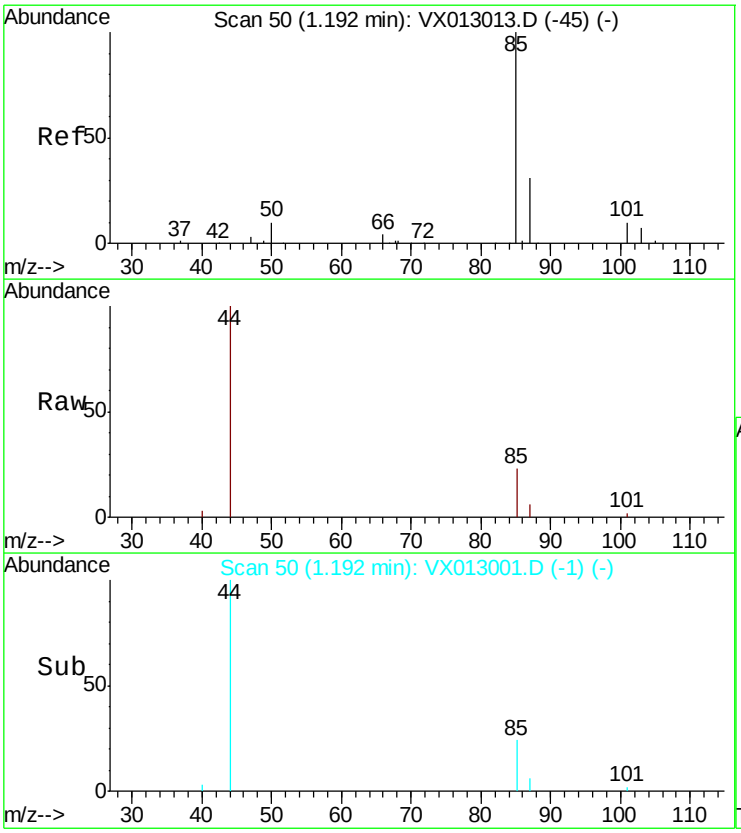
Tgt Ion:168 Resp: 156324

Ion	Ratio	Lower	Upper
168	100		
99	62.0	49.4	74.0



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

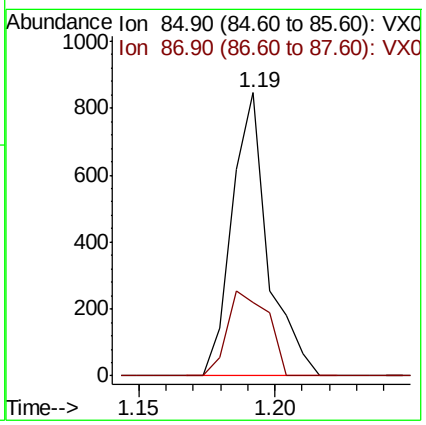
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

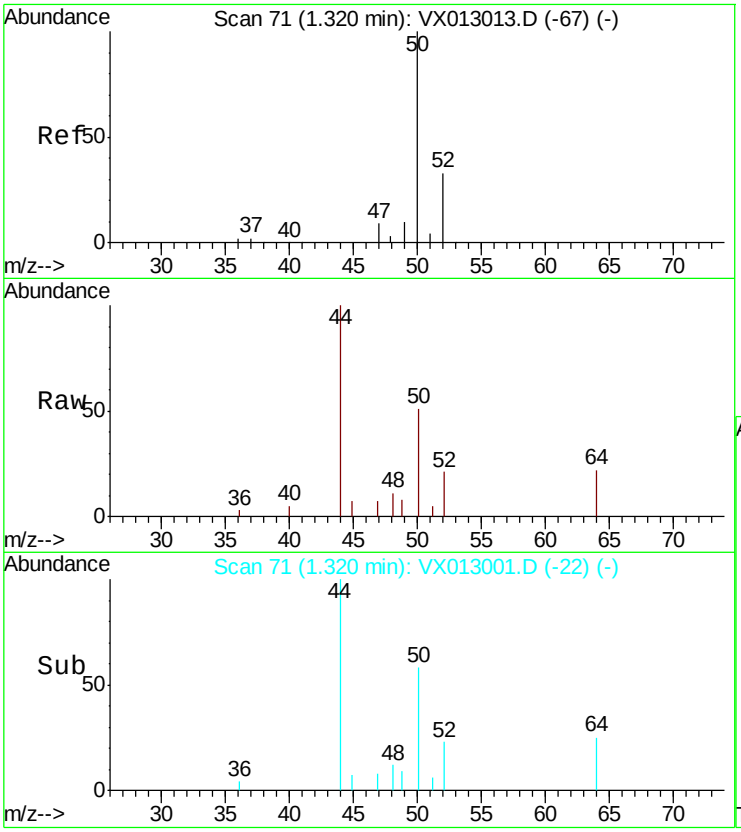


#2
Dichlorodifluoromethane
Concen: 0.484 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 85 Resp: 771

Ion	Ratio	Lower	Upper
85	100		
87	26.0	16.4	49.4





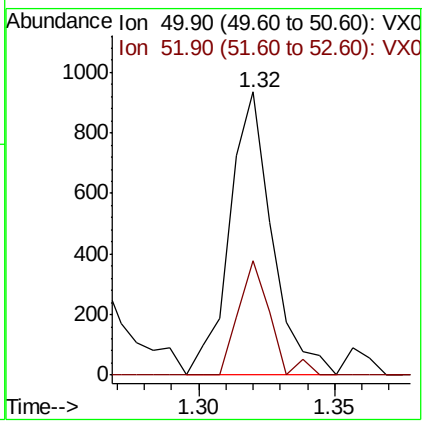
#3
Chloromethane
Concen: 0.584 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

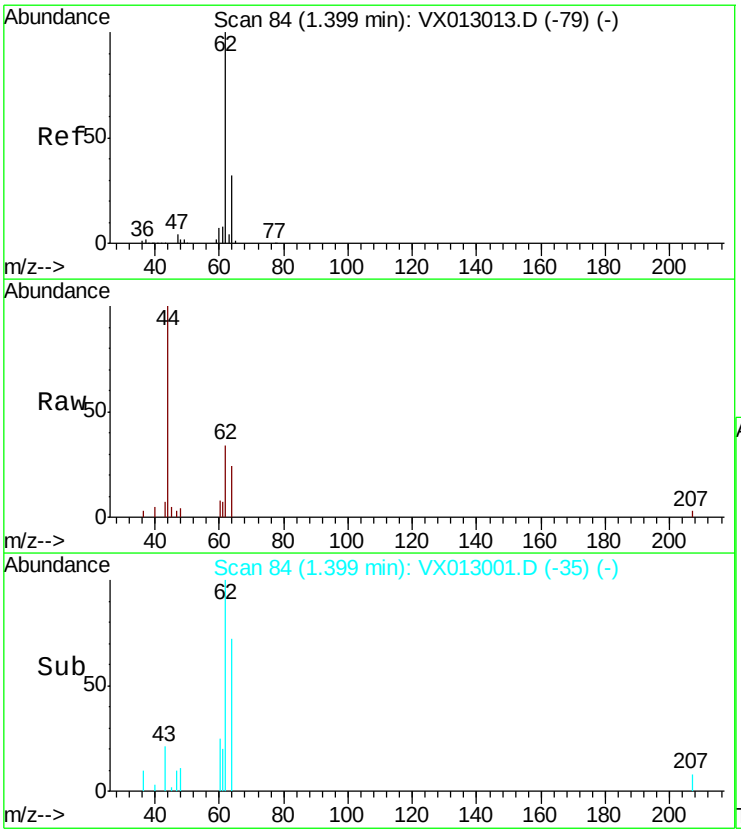
Tgt Ion: 50 Resp: 1013

Ion	Ratio	Lower	Upper
50	100		
52	40.6	25.2	37.8#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

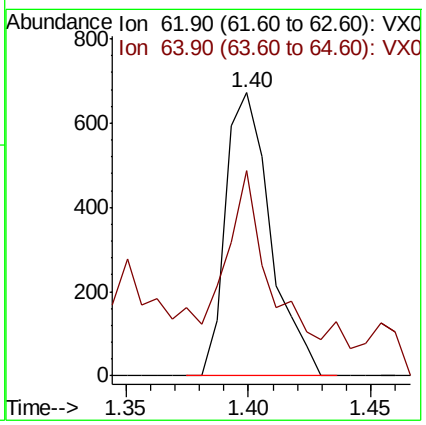


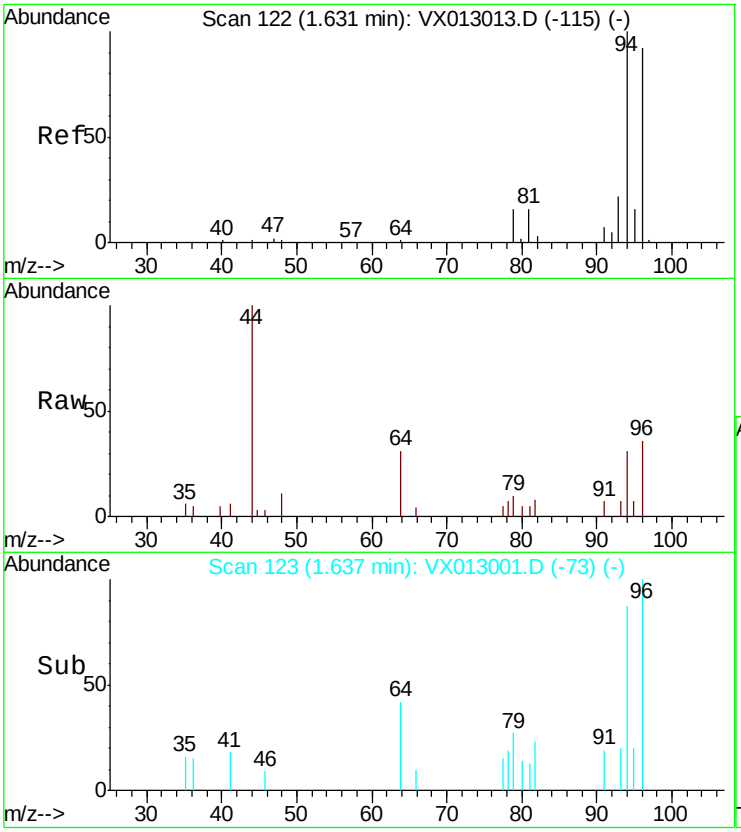


#4
Vinyl Chloride
Concen: 0.480 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 62 Resp: 859

Ion	Ratio	Lower	Upper
62	100		
64	53.0	25.3	37.9#





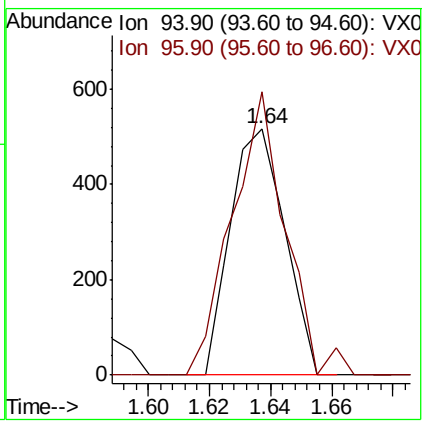
#5
Bromomethane
Concen: 0.855 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

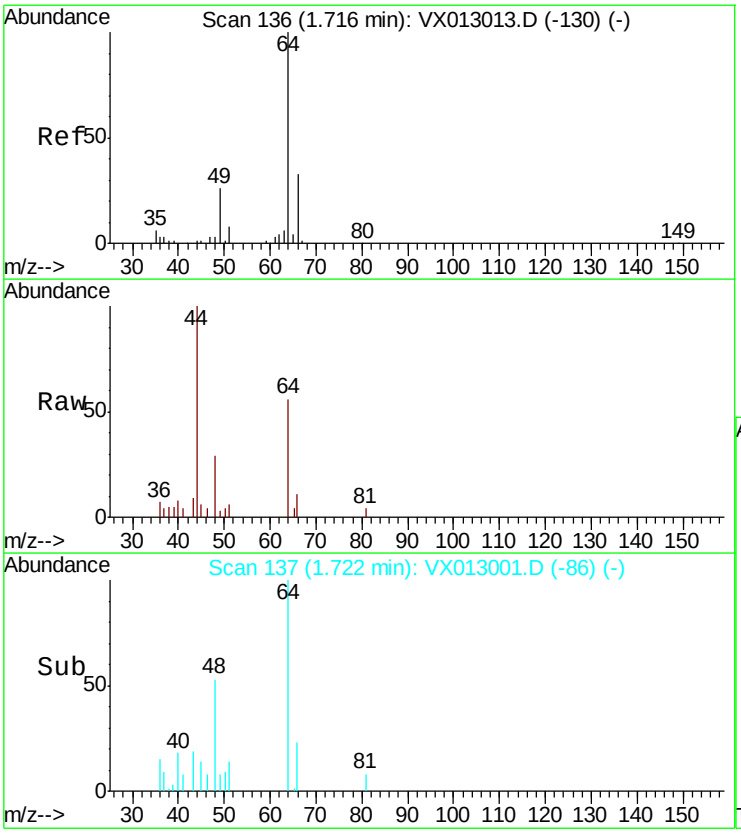
Tgt Ion: 94 Resp: 636

Ion	Ratio	Lower	Upper
94	100		
96	114.9	74.7	112.1#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

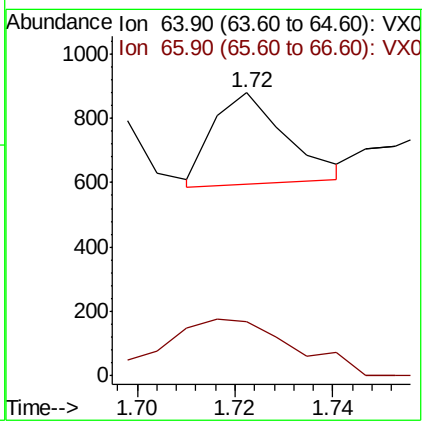


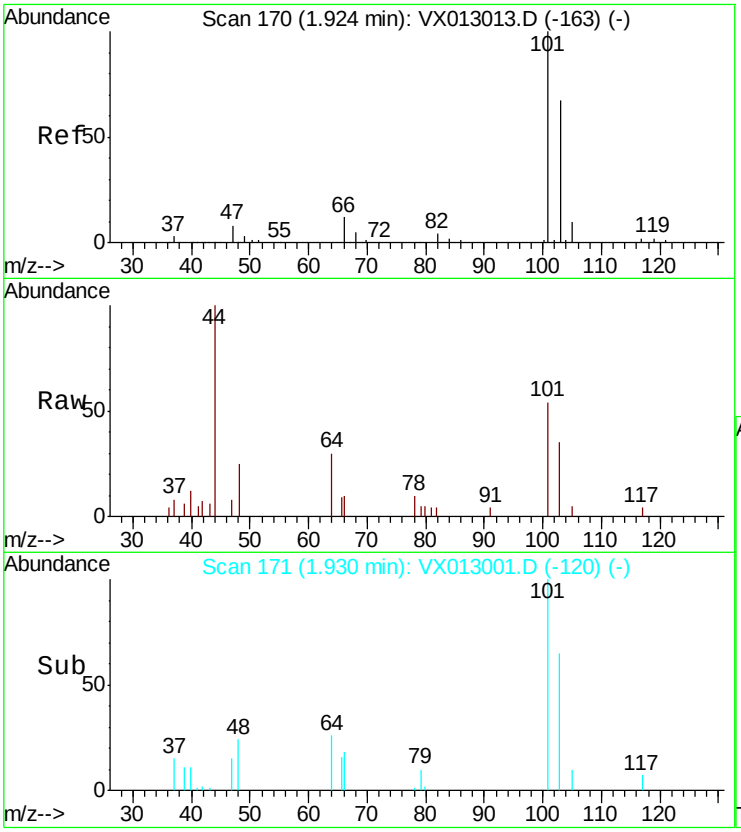


#6
Chloroethane
Concen: 0.285 ug/l
RT: 1.72 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 64 Resp: 300

Ion	Ratio	Lower	Upper
64	100		
66	34.6	25.6	38.4

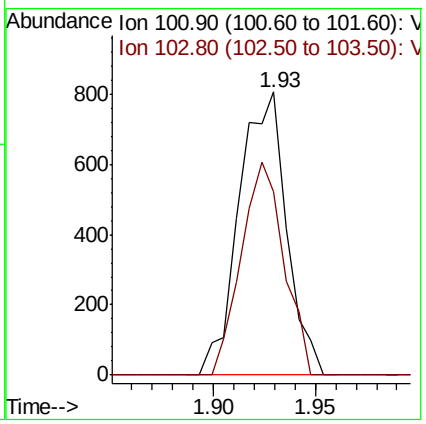




#7
Trichlorofluoromethane
Concen: 0.539 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

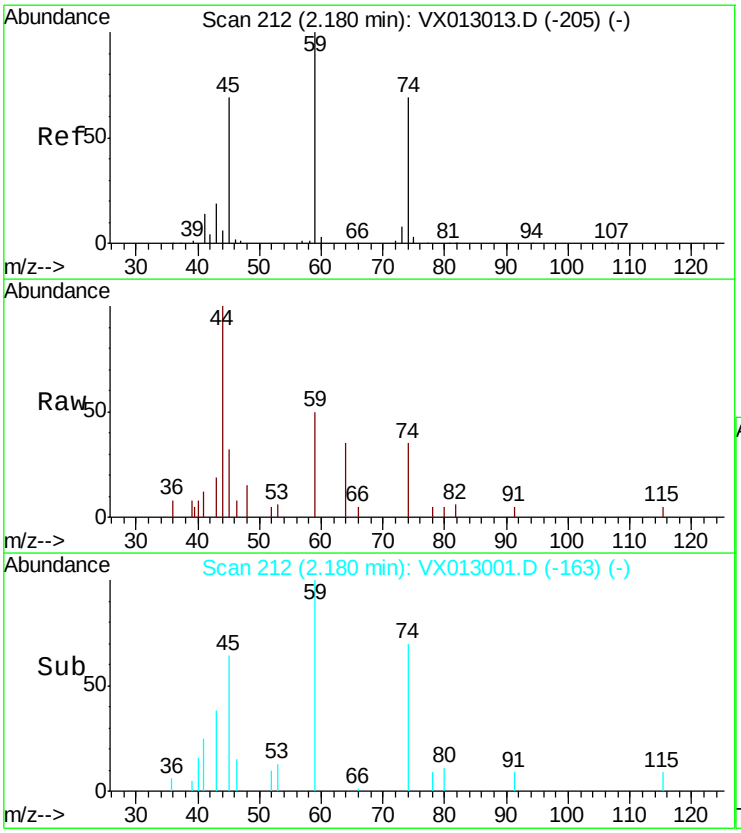
Tgt Ion:101 Resp: 1302

Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.5	78.7



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

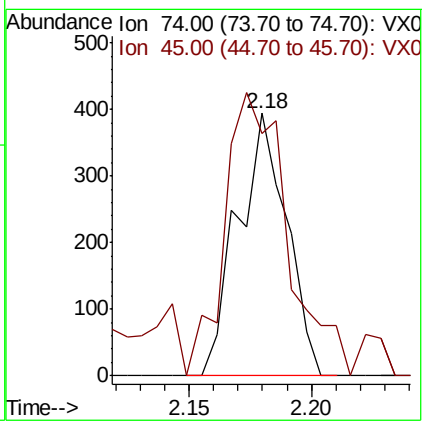
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

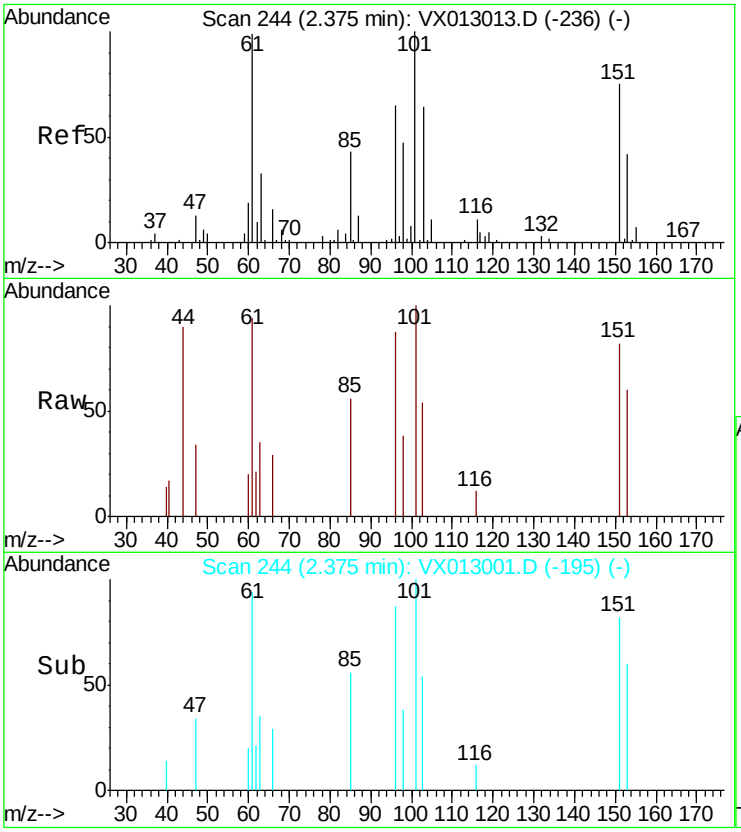


#8
Diethyl Ether
Concen: 0.560 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 74 Resp: 546

Ion	Ratio	Lower	Upper
74	100		
45	138.5	47.8	143.4





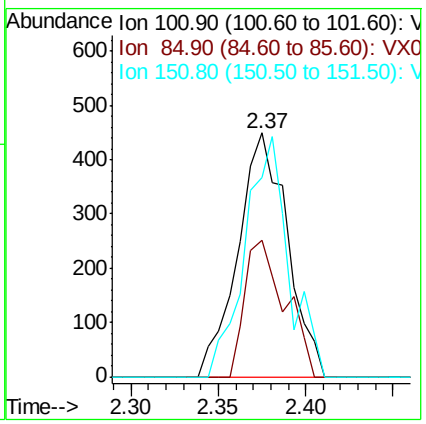
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.565 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

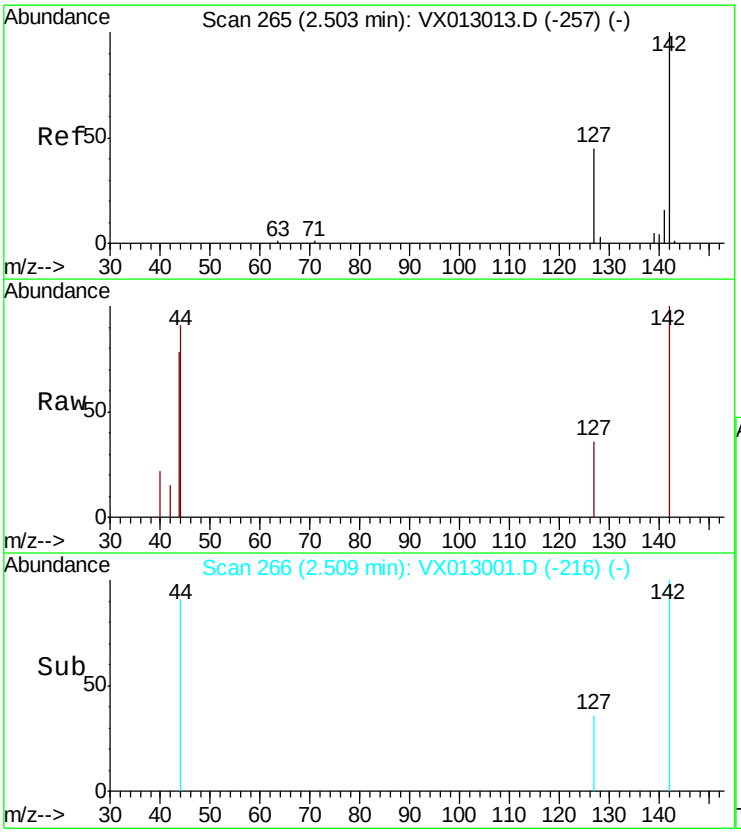
Tgt Ion:101 Resp: 883

Ion	Ratio	Lower	Upper
101	100		
85	45.6	35.2	52.8
151	86.7	60.3	90.5

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

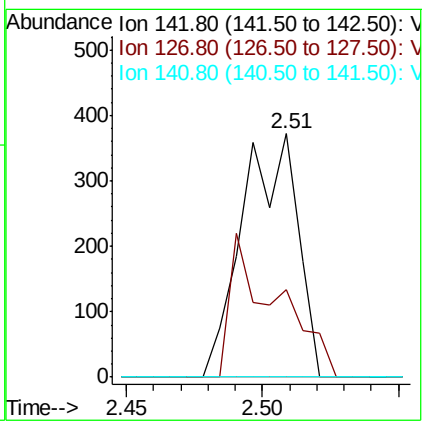


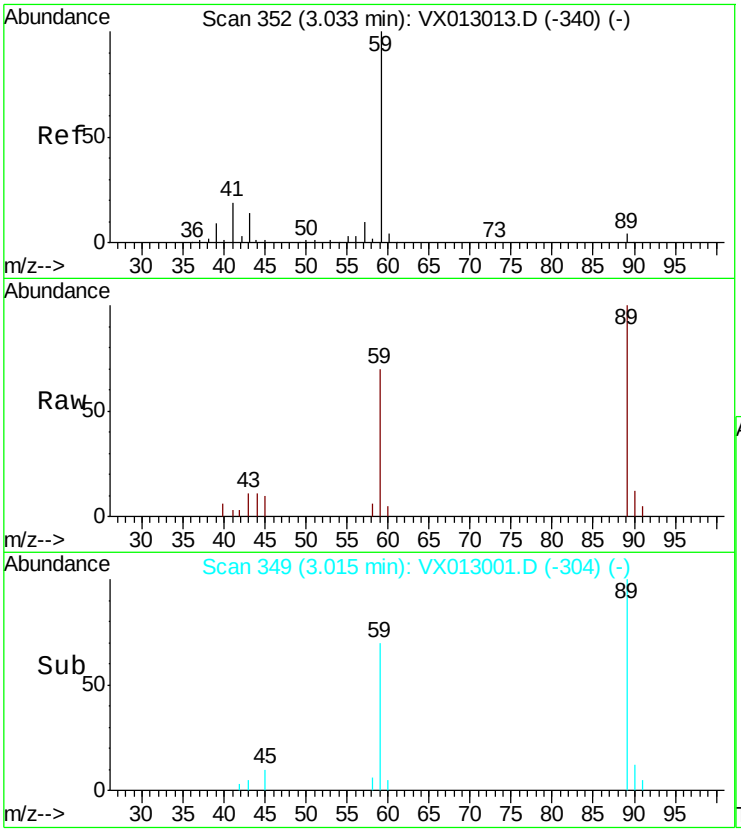


#10
Methyl Iodide
Concen: 0.339 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:142 Resp: 522

Ion	Ratio	Lower	Upper
142	100		
127	50.2	34.9	52.3
141	0.0	11.6	17.4#

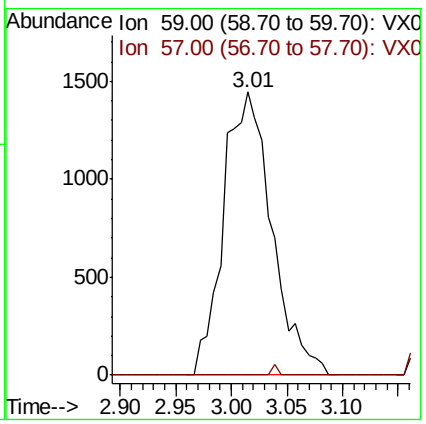




#11
Tert butyl alcohol
Concen: 8.427 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

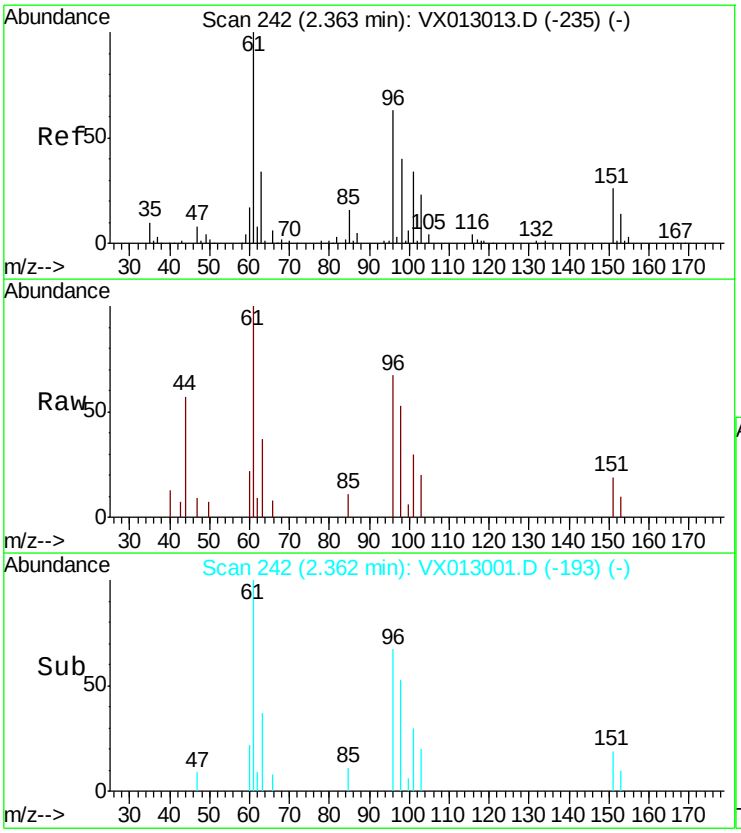
Tgt Ion: 59 Resp: 4365

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

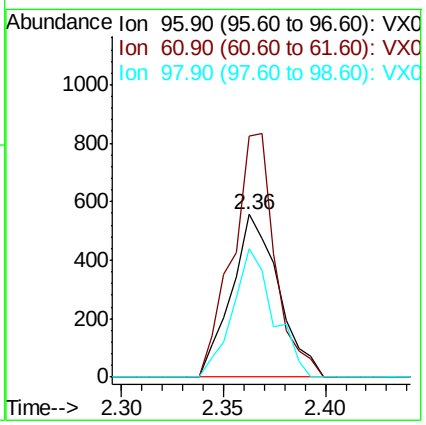
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

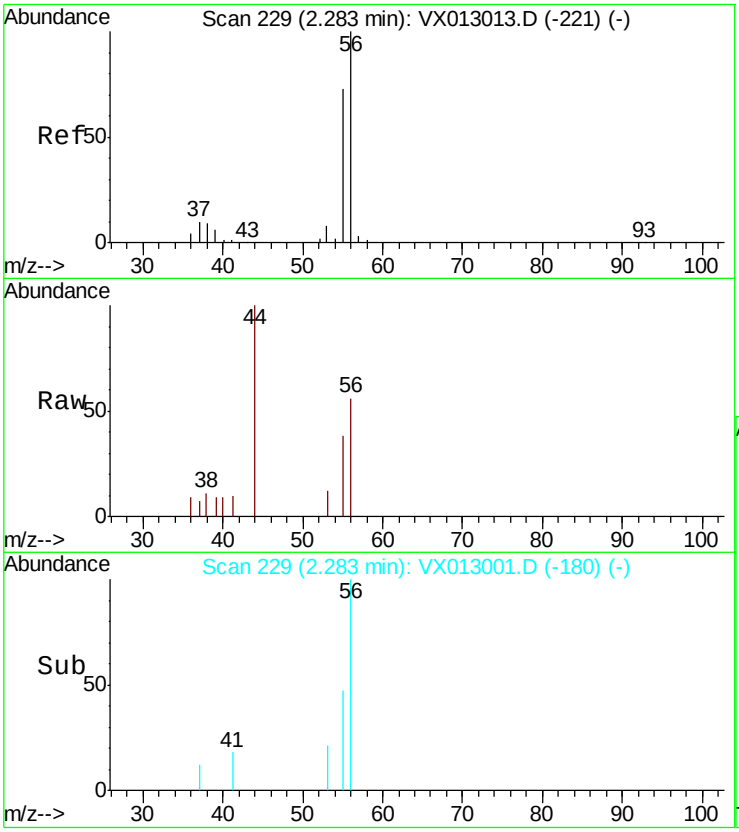


#12
1,1-Dichloroethene
Concen: 0.565 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 96 Resp: 893

Ion	Ratio	Lower	Upper
96	100		
61	148.3	132.2	198.4
98	79.2	50.5	75.7#

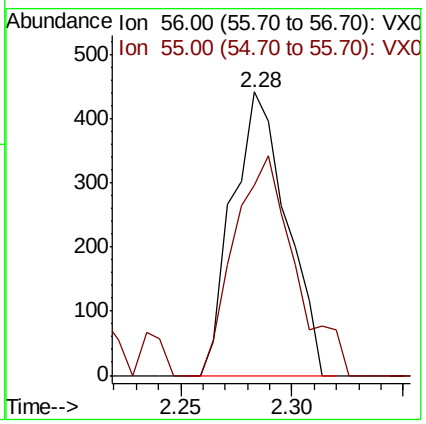




#13
Acrolein
Concen: 2.027 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

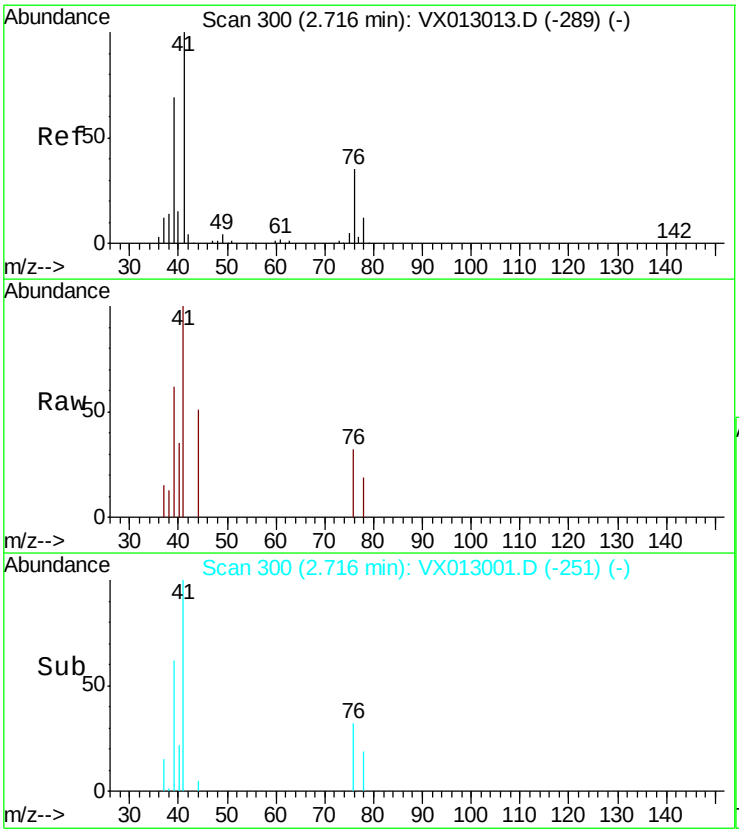
Tgt Ion: 56 Resp: 746

Ion	Ratio	Lower	Upper
56	100		
55	86.9	56.6	85.0#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

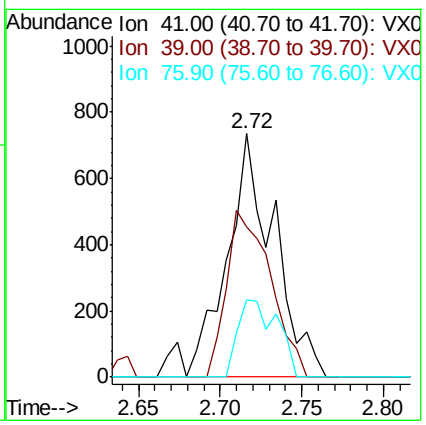
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

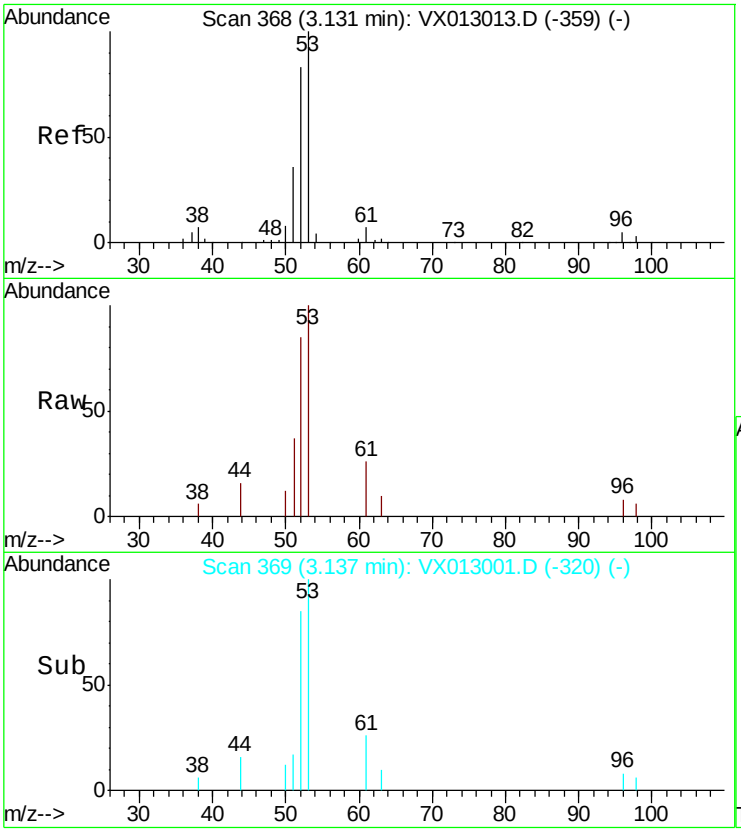


#14
Allyl chloride
Concen: 0.520 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 41 Resp: 1463

Ion	Ratio	Lower	Upper
41	100		
39	64.6	51.0	76.6
76	26.3	26.2	39.4

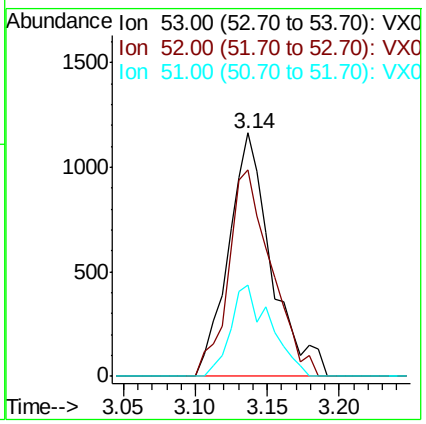




#15
Acrylonitrile
Concen: 2.446 ug/l
RT: 3.14 min Scan# 369
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

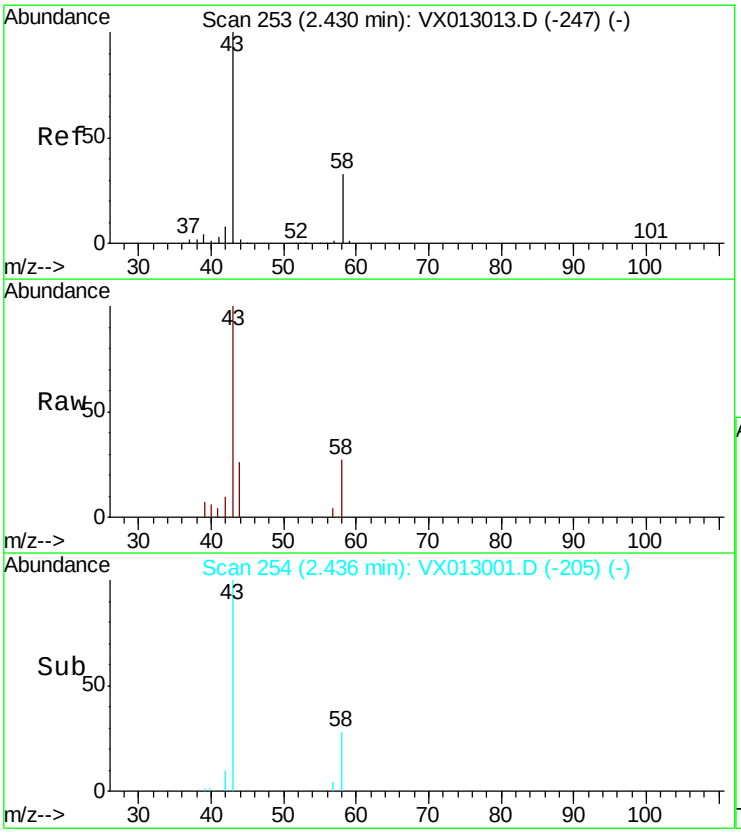
Tgt Ion: 53 Resp: 2401

Ion	Ratio	Lower	Upper
53	100		
52	85.6	66.2	99.2
51	35.1	28.2	42.4



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

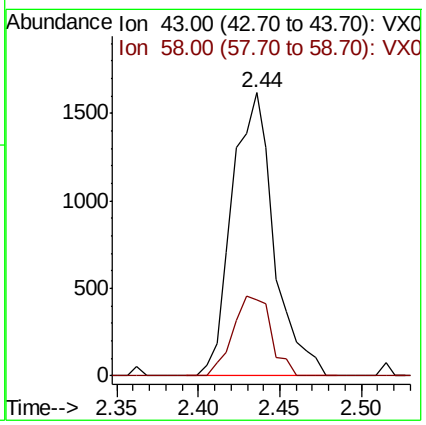
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

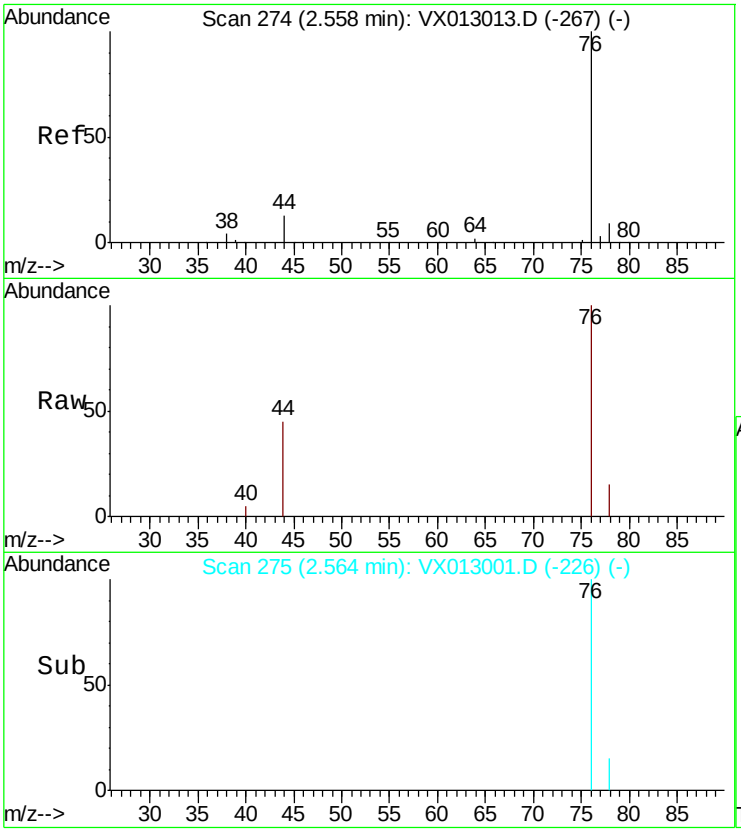


#16
Acetone
Concen: 2.818 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 43 Resp: 2902

Ion	Ratio	Lower	Upper
43	100		
58	26.6	25.4	38.2





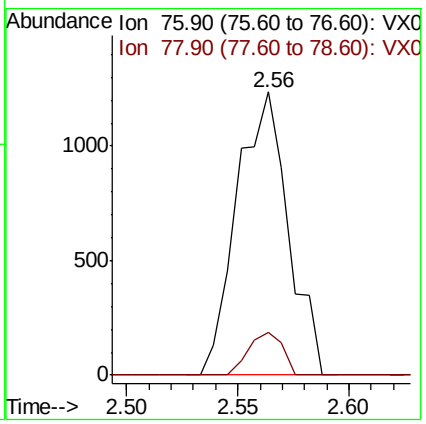
#17
Carbon Disulfide
Concen: 0.440 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

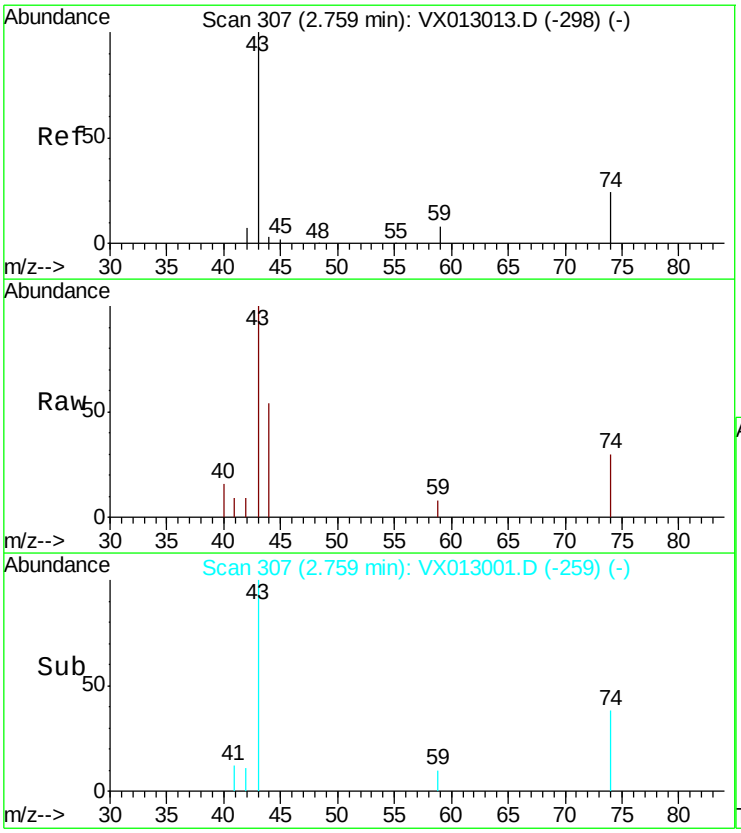
Tgt Ion: 76 Resp: 1983

Ion	Ratio	Lower	Upper
76	100		
78	15.0	7.1	10.7#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

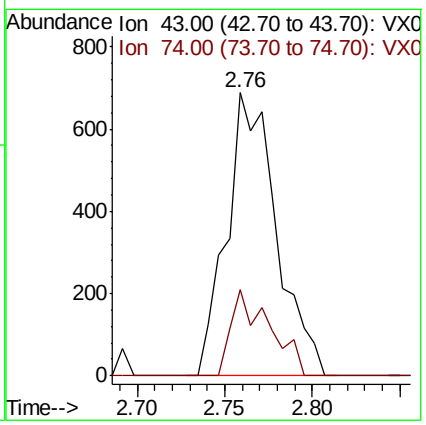


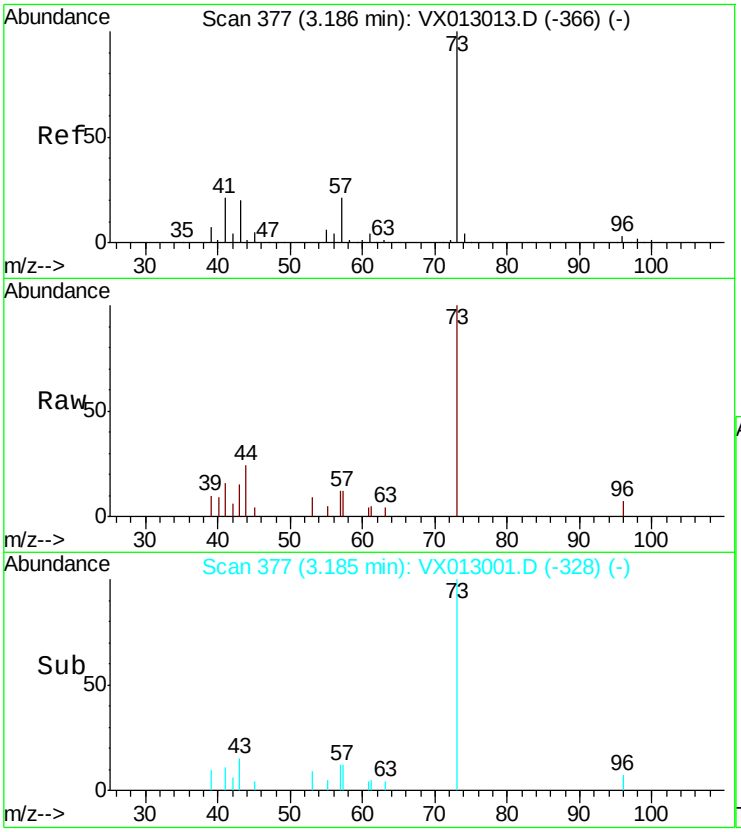


#18
Methyl Acetate
Concen: 0.557 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 43 Resp: 1360

Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.2	28.8





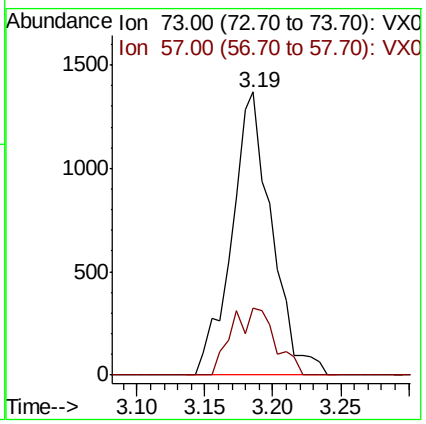
#19
Methyl tert-butyl Ether
Concen: 0.515 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

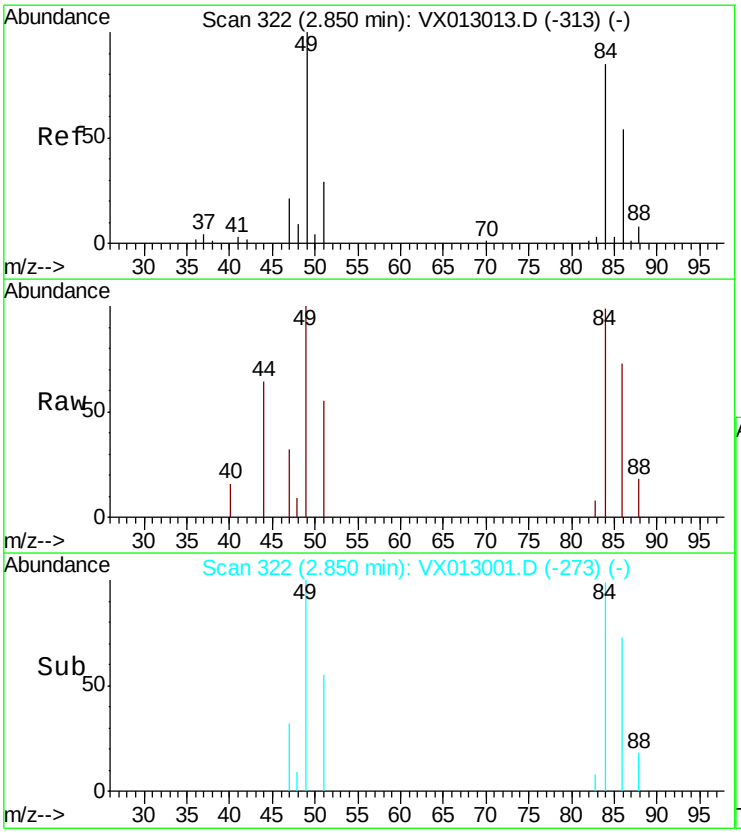
Tgt Ion: 73 Resp: 2812

Ion	Ratio	Lower	Upper
73	100		
57	23.5	17.8	26.6

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

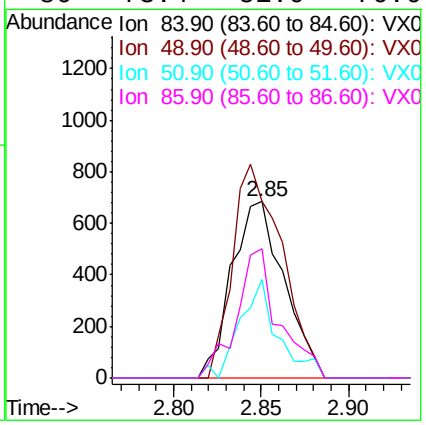


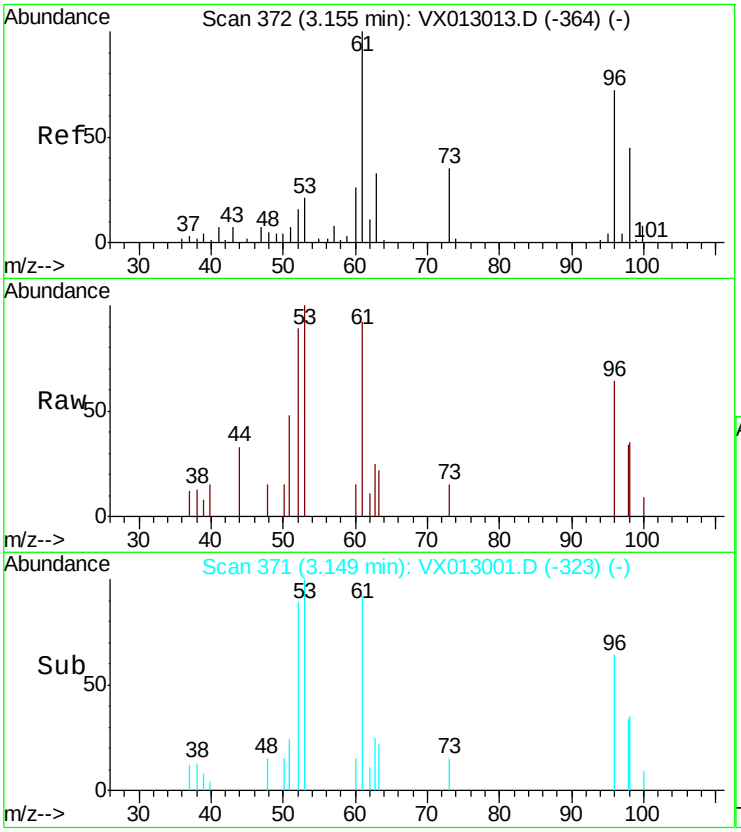


#20
Methylene Chloride
Concen: 0.746 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 84 Resp: 1412

Ion	Ratio	Lower	Upper
84	100		
49	100.6	96.6	144.8
51	55.6	30.7	46.1#
86	73.4	51.0	76.6

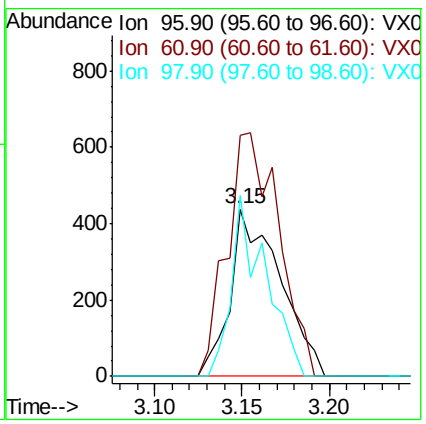




#21
trans-1,2-Dichloroethene
Concen: 0.515 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

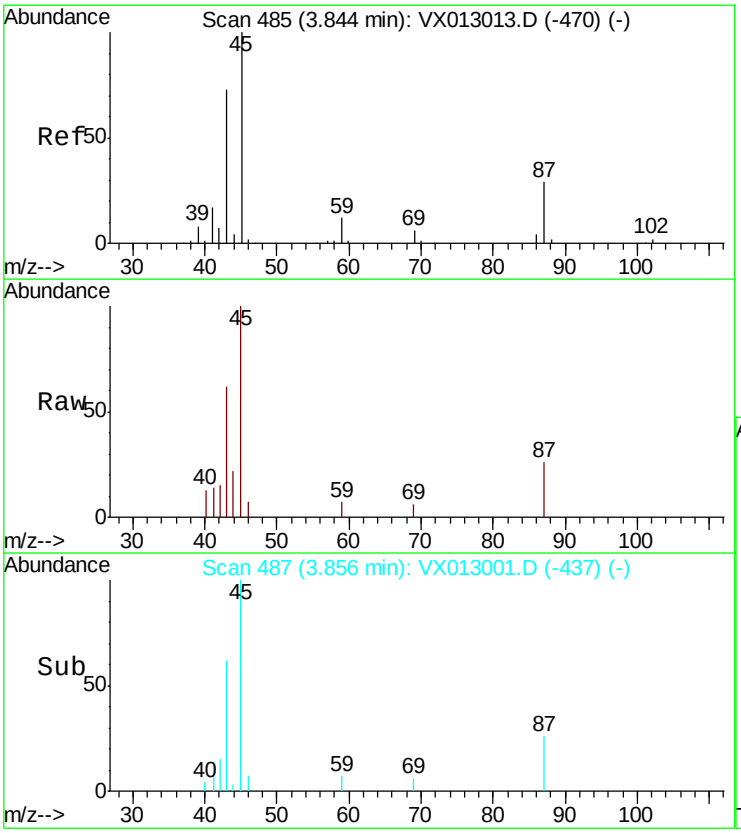
Tgt Ion: 96 Resp: 872

Ion	Ratio	Lower	Upper
96	100		
61	144.3	110.4	165.6
98	108.2	51.5	77.3#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

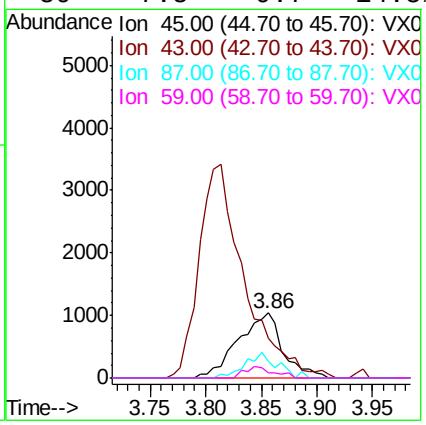
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

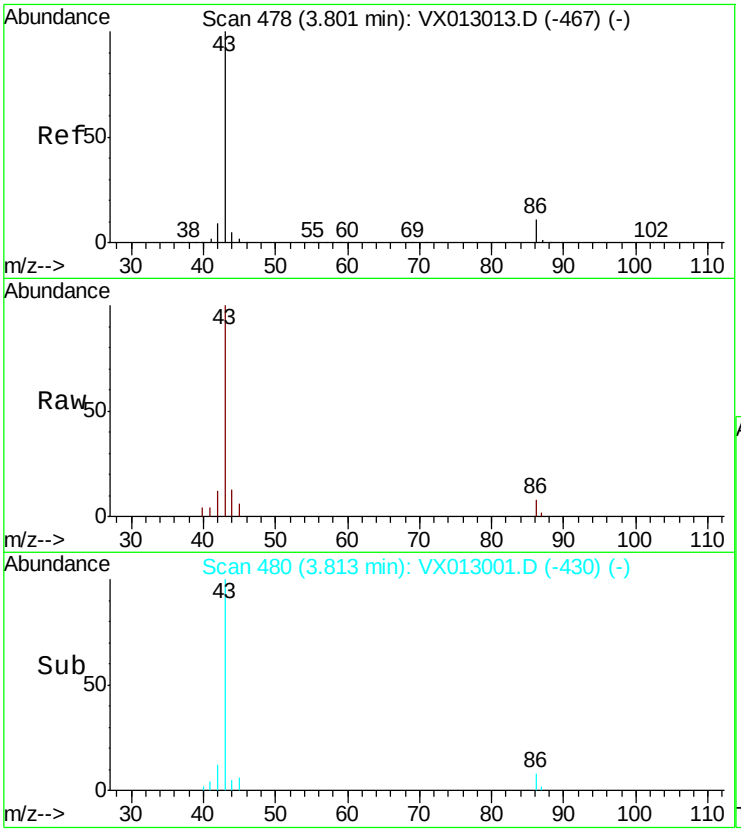


#22
Diisopropyl ether
Concen: 0.538 ug/l
RT: 3.86 min Scan# 487
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 45 Resp: 2901

Ion	Ratio	Lower	Upper
45	100		
43	61.9	51.4	77.0
87	25.6	22.5	33.7
59	7.5	9.7	14.5#

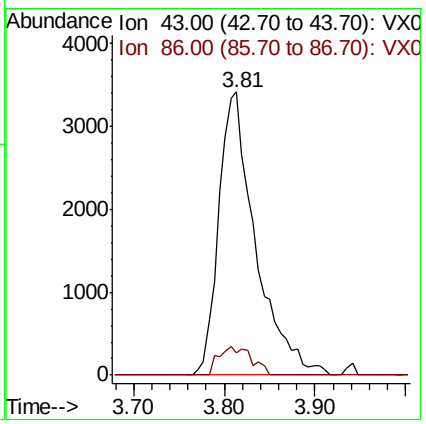




#23
Vinyl Acetate
Concen: 2.075 ug/l
RT: 3.81 min Scan# 480
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

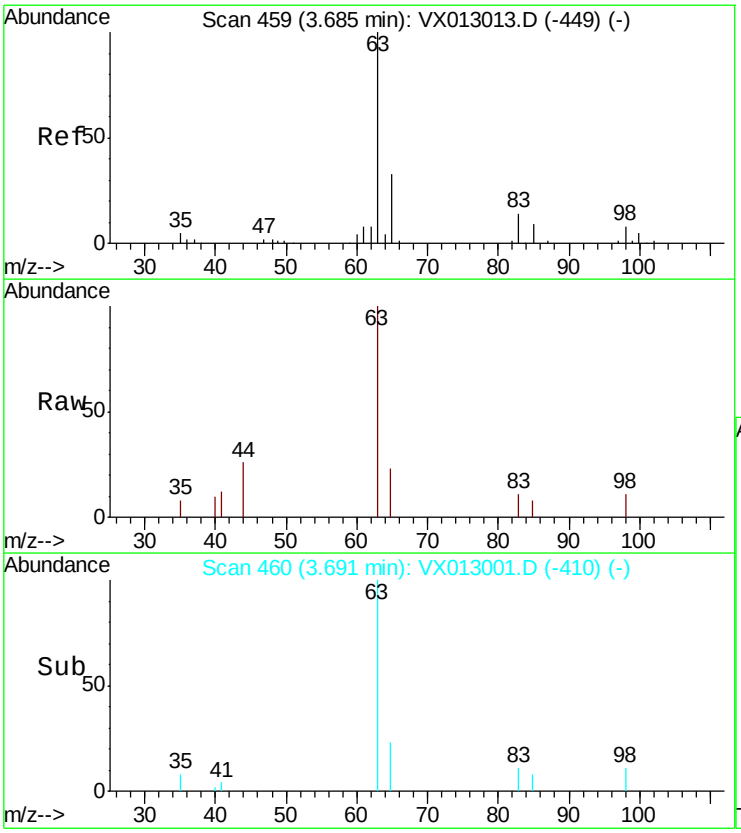
Tgt Ion: 43 Resp: 9656

Ion	Ratio	Lower	Upper
43	100		
86	7.8	9.0	13.6#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

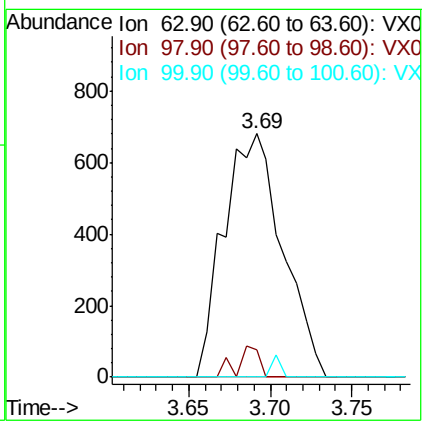
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

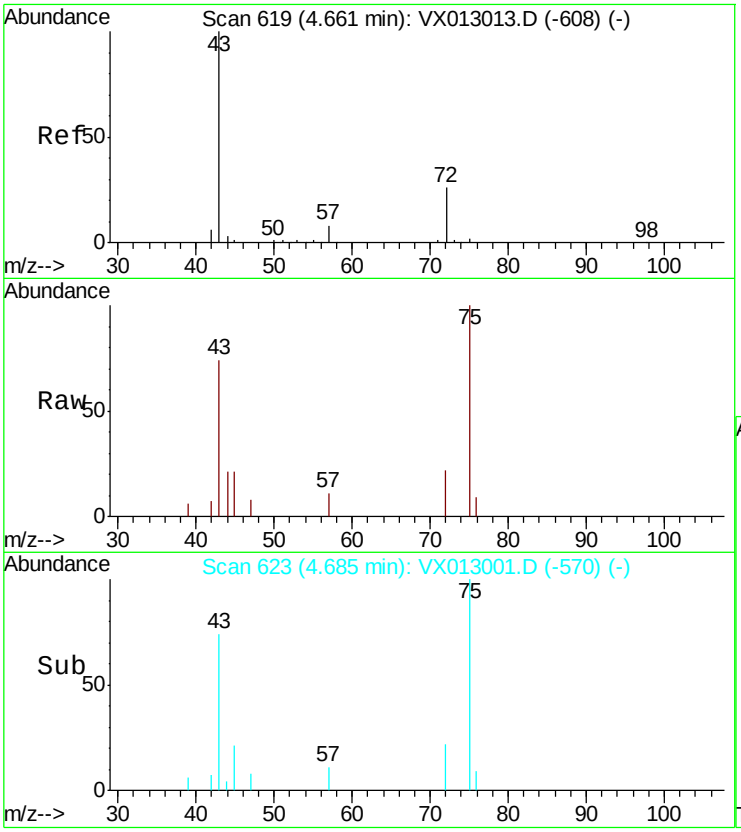


#24
1,1-Dichloroethane
Concen: 0.563 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 63 Resp: 1708

Ion	Ratio	Lower	Upper
63	100		
98	11.3	3.9	11.5
100	0.0	2.3	6.9#





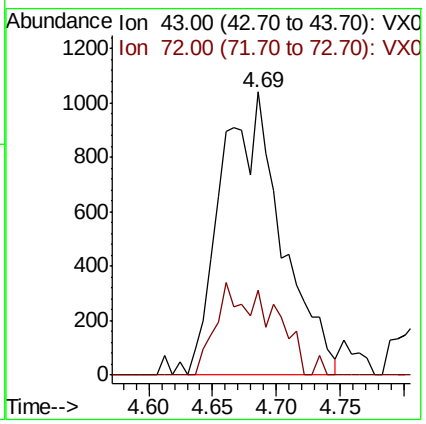
#25
2-Butanone
Concen: 2.405 ug/l m
RT: 4.69 min Scan# 623
Delta R.T. 0.02 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

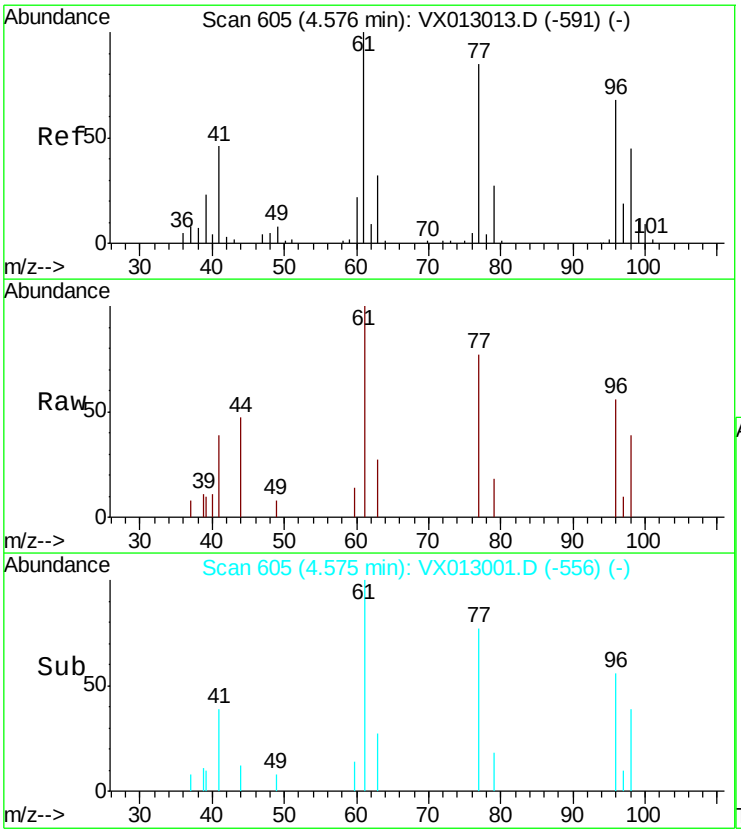
Tgt Ion: 43 Resp: 3436

Ion	Ratio	Lower	Upper
43	100		
72	30.2	21.0	31.6

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

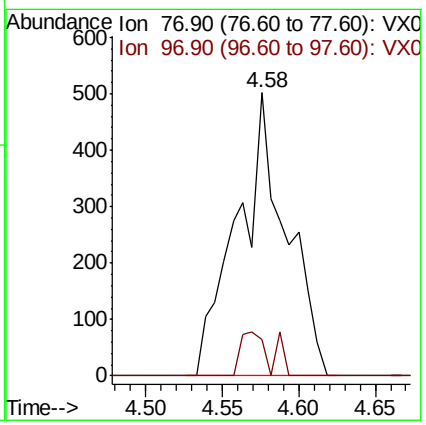


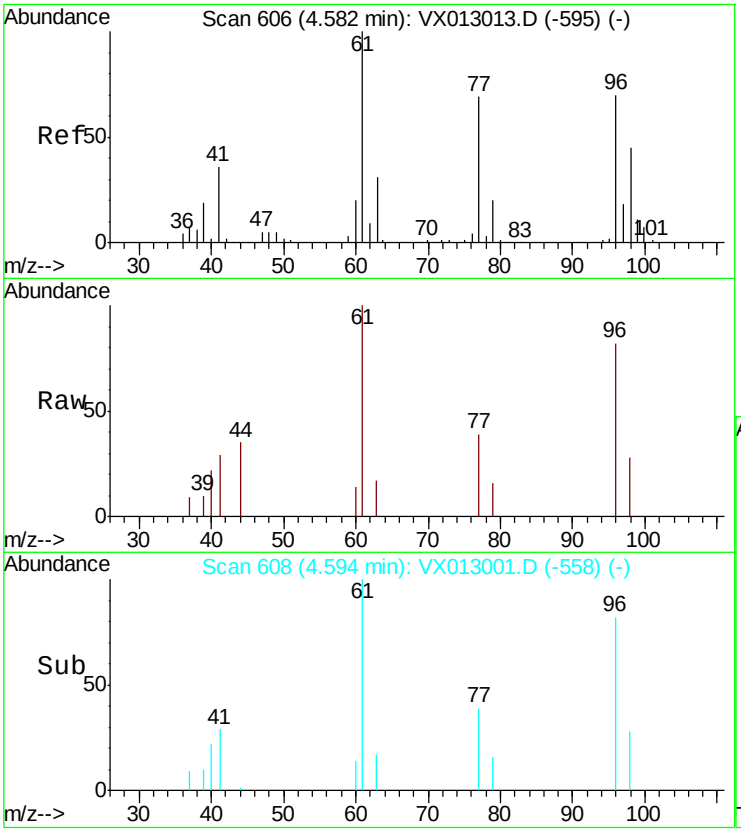


#26
2,2-Dichloropropane
Concen: 0.436 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 77 Resp: 1112

Ion	Ratio	Lower	Upper
77	100		
97	7.1	11.3	33.9#

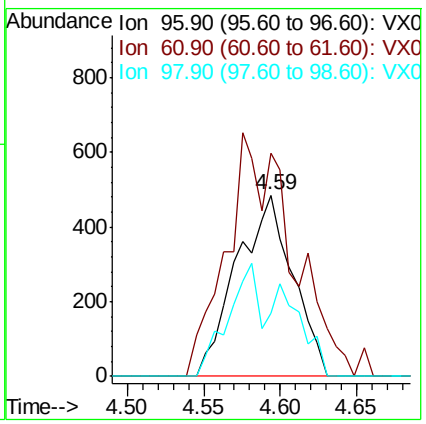




#27
cis-1,2-Dichloroethene
Concen: 0.634 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

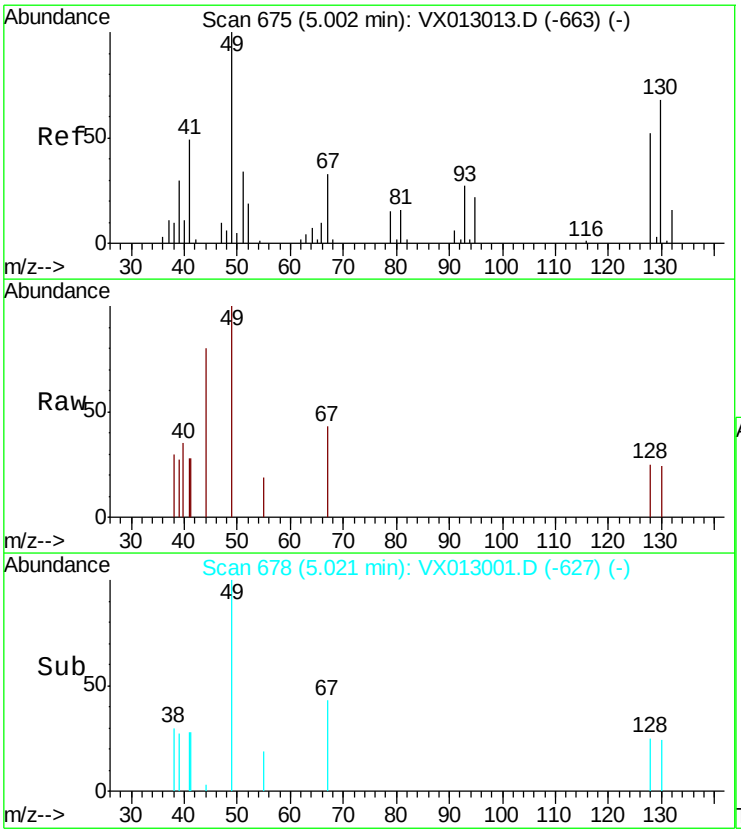
Tgt Ion: 96 Resp: 1238

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	290.6
98	23.7	0.0	128.8



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

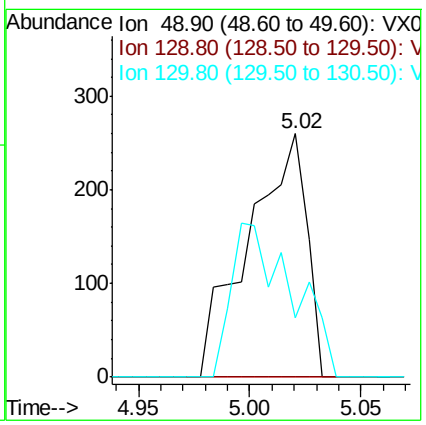
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

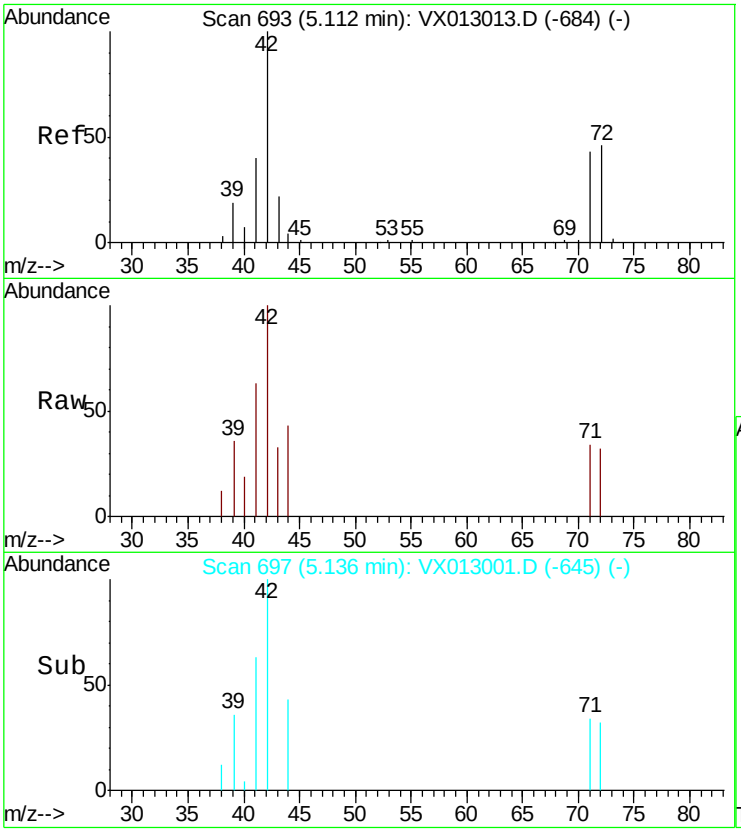


#28
Bromochloromethane
Concen: 0.542 ug/l
RT: 5.02 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 49 Resp: 471

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	62.1	93.1#

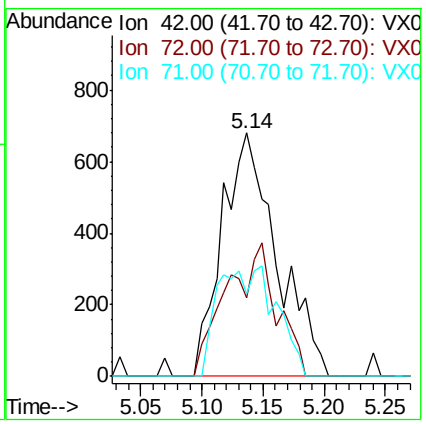




#29
Tetrahydrofuran
Concen: 2.431 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

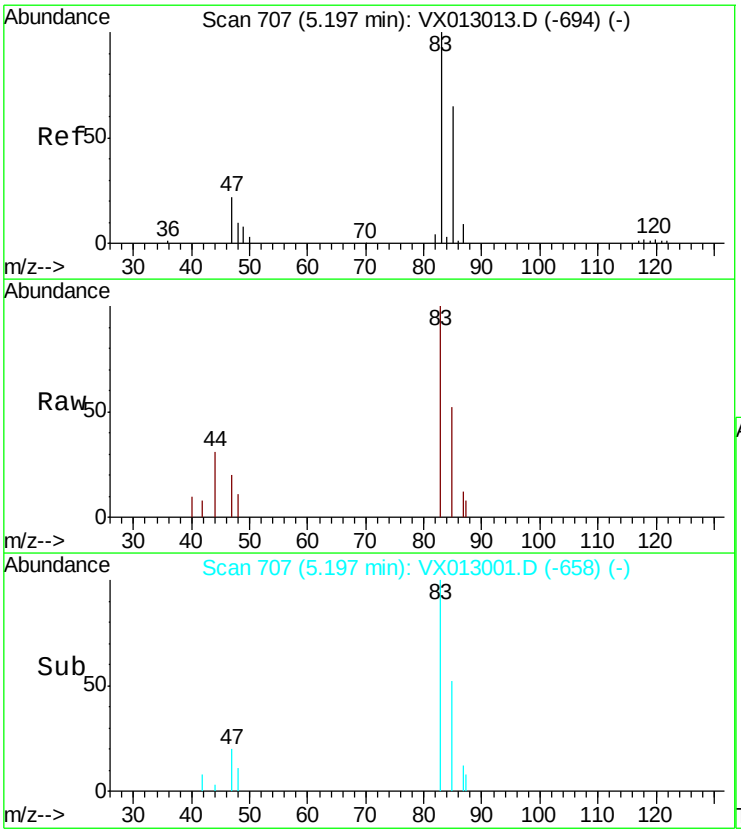
Tgt Ion: 42 Resp: 2137

Ion	Ratio	Lower	Upper
42	100		
72	50.2	36.9	55.3
71	25.3	33.5	50.3#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

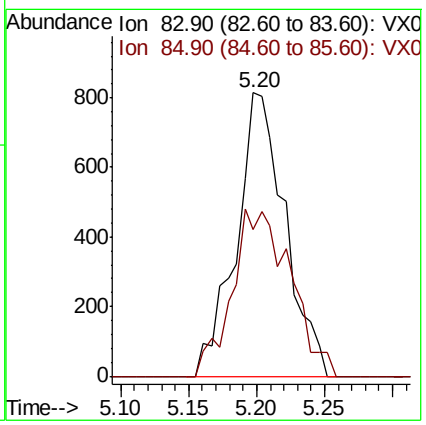
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

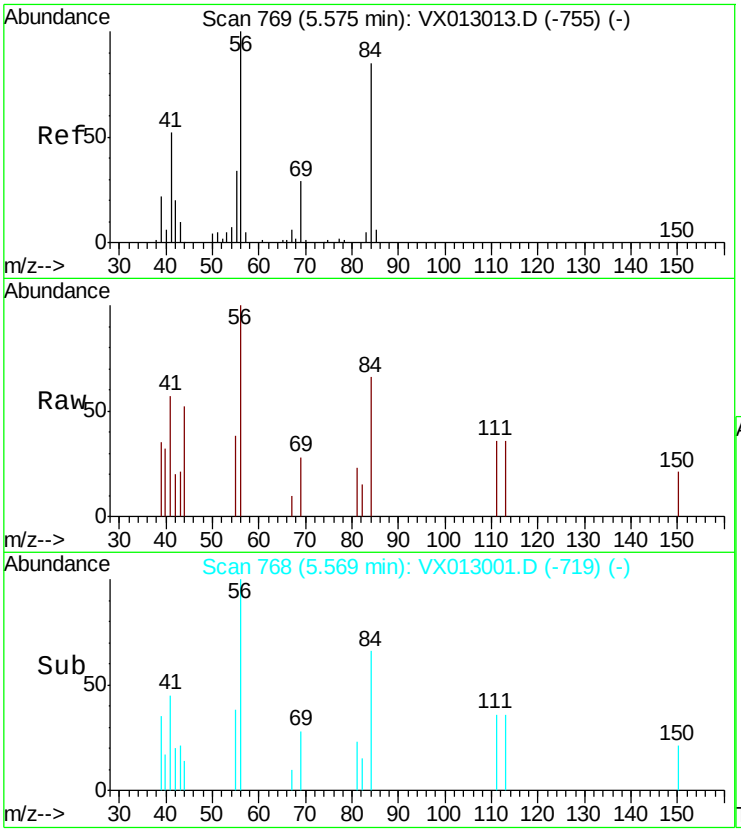


#30
Chloroform
Concen: 0.657 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 83 Resp: 2043

Ion	Ratio	Lower	Upper
83	100		
85	51.6	51.5	77.3

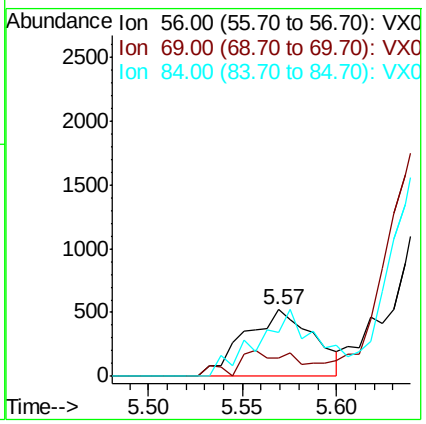




#31
Cyclohexane
Concen: 0.468 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

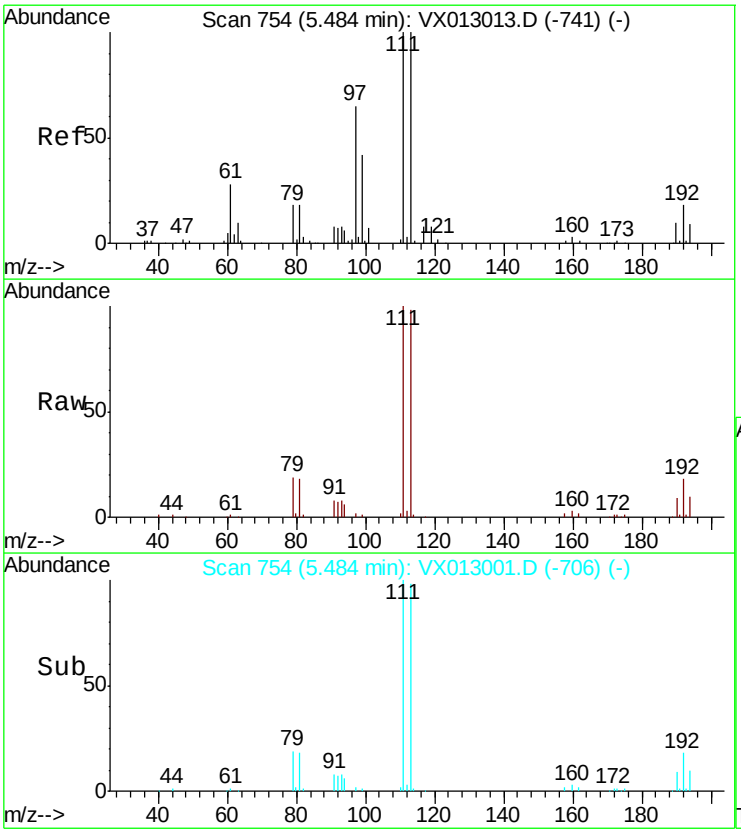
Tgt Ion: 56 Resp: 1328

Ion	Ratio	Lower	Upper
56	100		
69	27.8	25.2	37.8
84	66.3	71.3	106.9#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

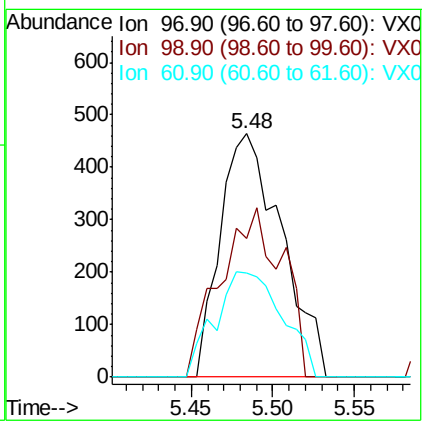
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

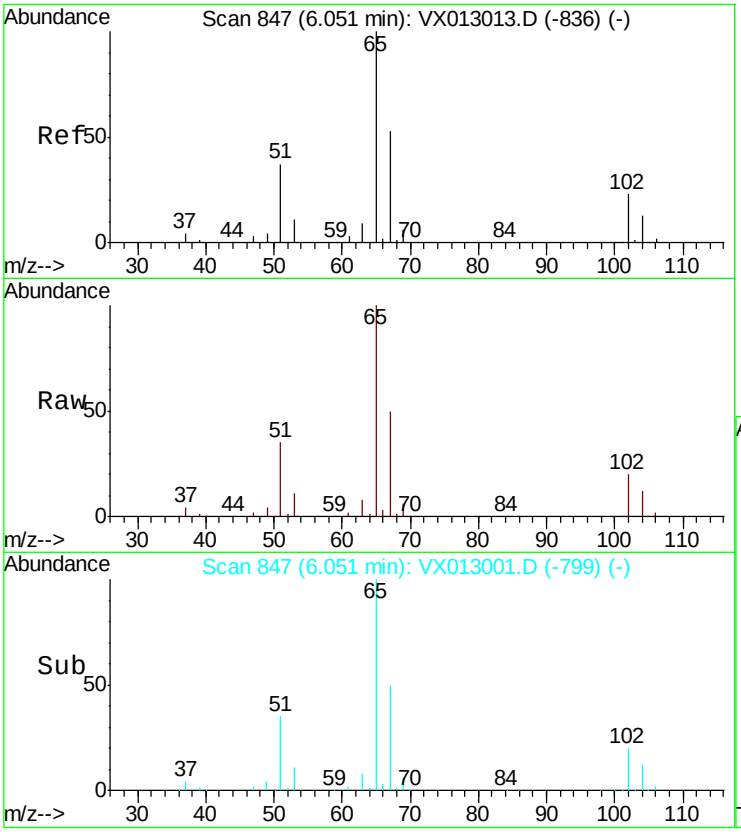


#32
1,1,1-Trichloroethane
Concen: 0.461 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 97 Resp: 1216

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.3	78.5#
61	47.3	35.0	52.4





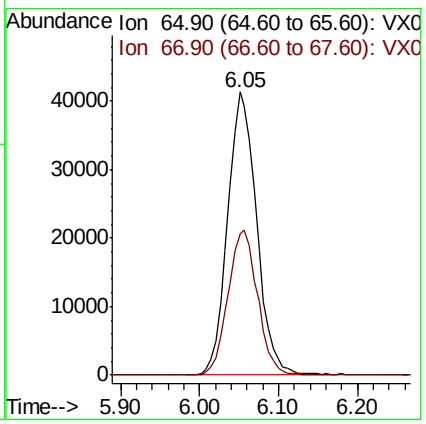
#33
1,2-Dichloroethane-d4
Concen: 54.139 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

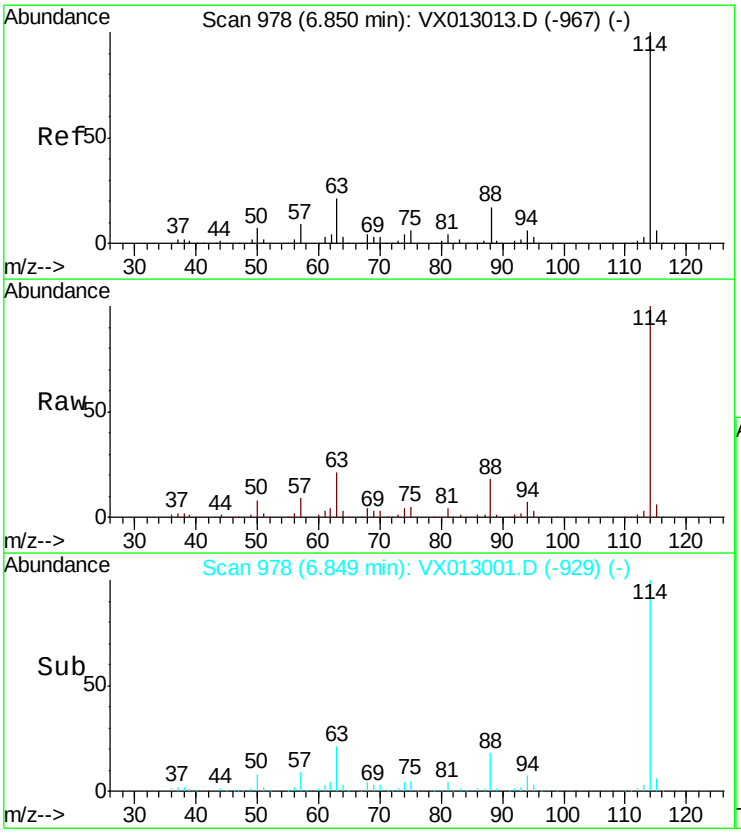
Tgt Ion: 65 Resp: 105779

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

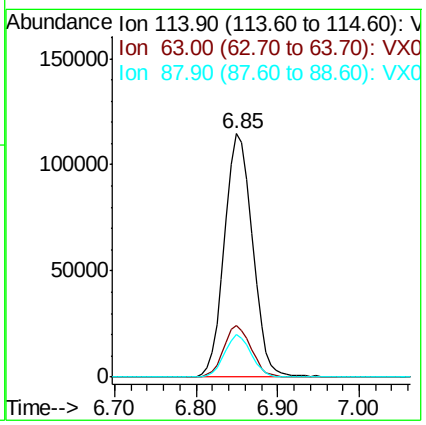


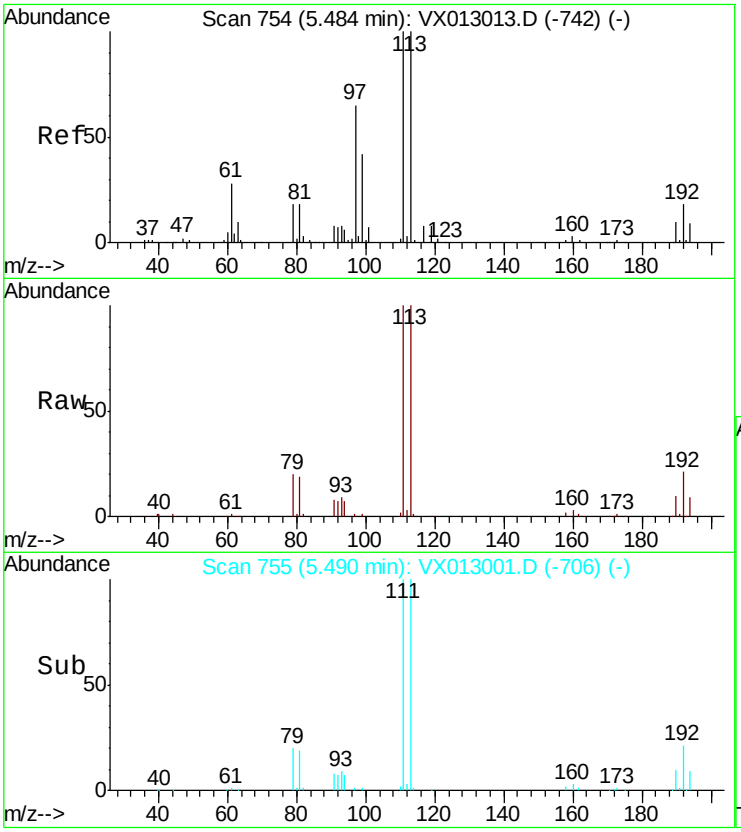


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:114 Resp: 272855

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	17.6	0.0	33.8

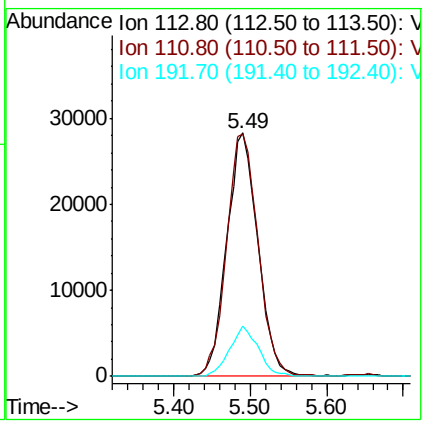




#35
Dibromofluoromethane
Concen: 50.858 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

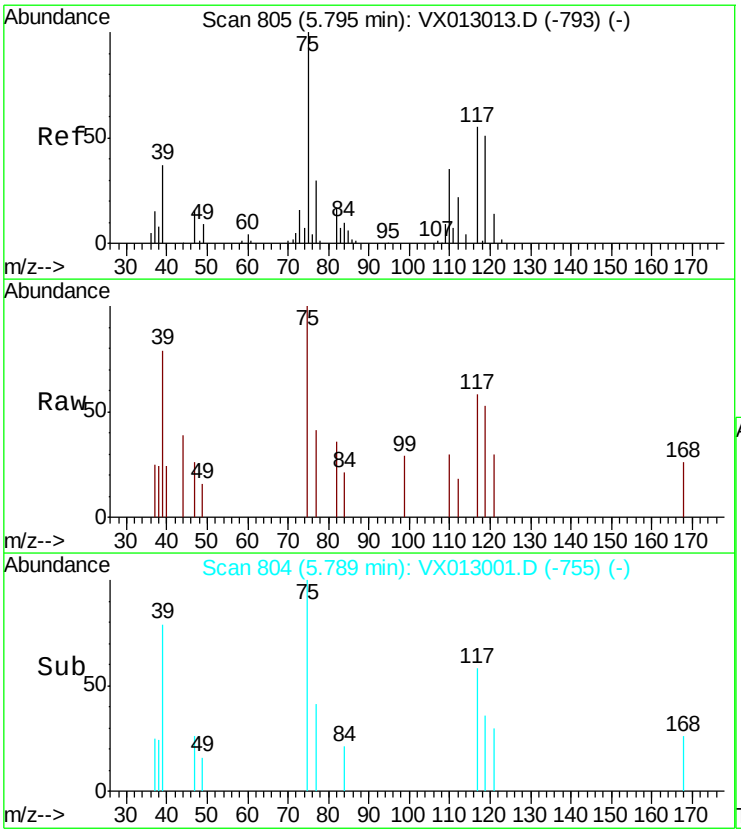
Tgt Ion:113 Resp: 79646

Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.2	124.8
192	19.0	15.4	23.2



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

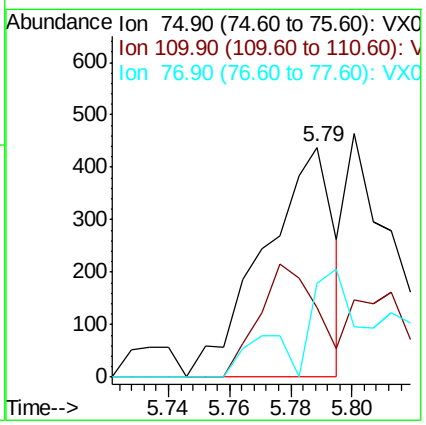
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

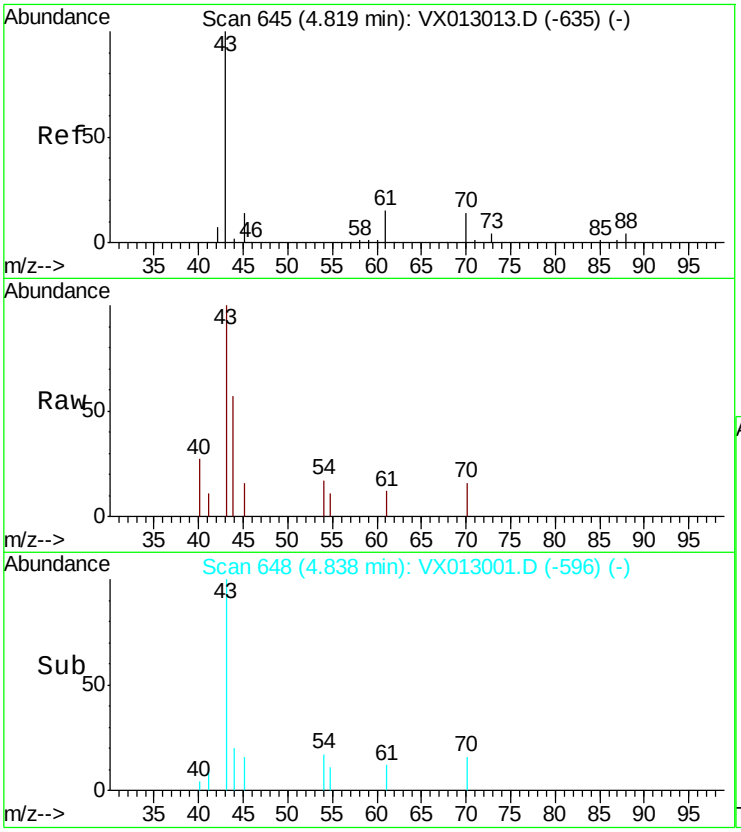


#36
1,1-Dichloropropene
Concen: 0.290 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 75 Resp: 696

Ion	Ratio	Lower	Upper
75	100		
110	40.8	17.6	52.9
77	53.2	24.4	36.6#





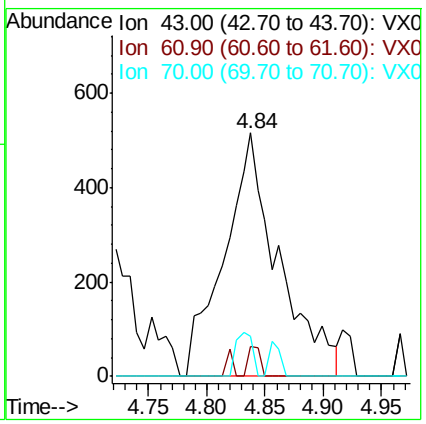
#37
Ethyl Acetate
Concen: 0.621 ug/l
RT: 4.84 min Scan# 648
Delta R.T. 0.02 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

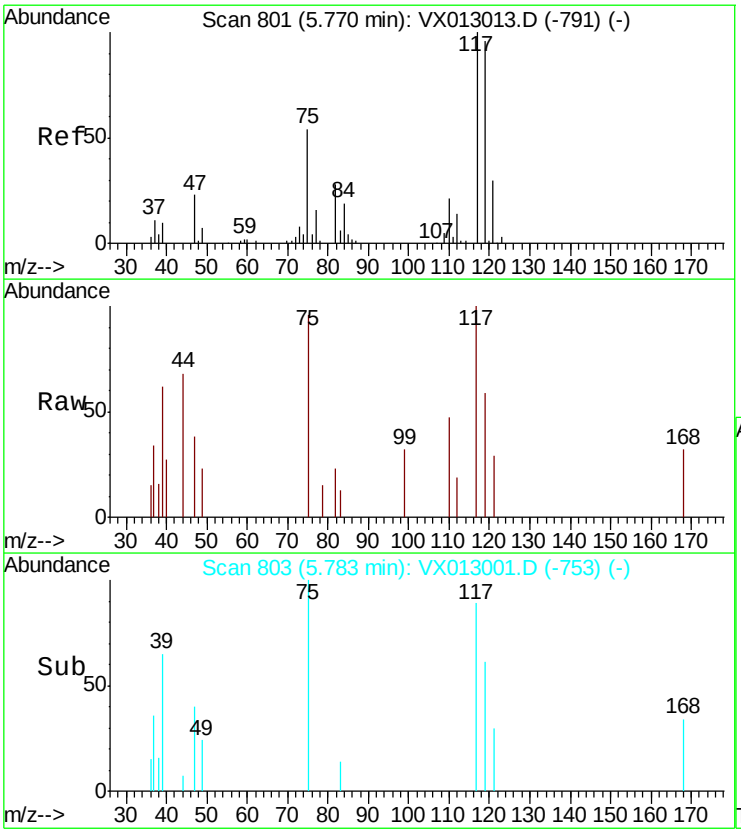
Tgt Ion: 43 Resp: 1666

Ion	Ratio	Lower	Upper
43	100		
61	2.7	11.4	17.0#
70	5.6	9.8	14.6#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

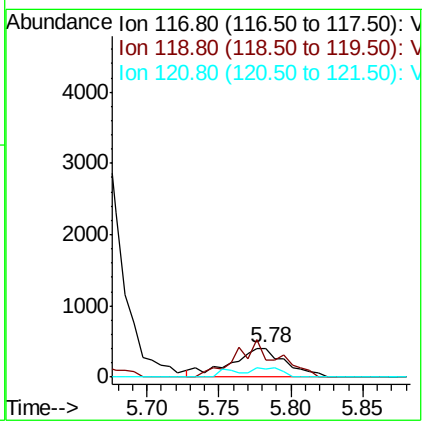


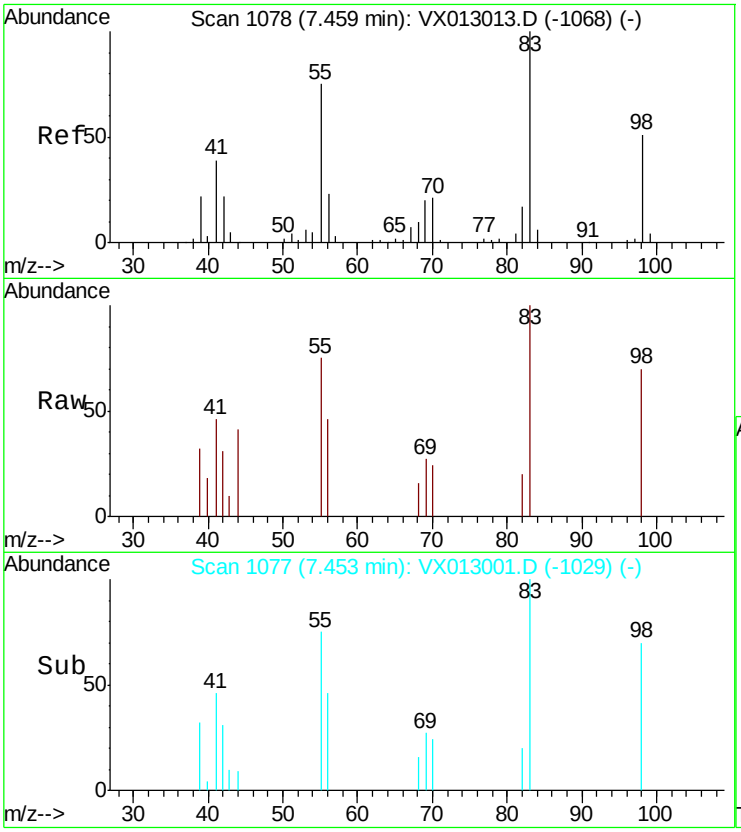


#38
Carbon Tetrachloride
Concen: 0.461 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:117 Resp: 1077

Ion	Ratio	Lower	Upper
117	100		
119	58.7	74.5	111.7#
121	28.9	24.2	36.4

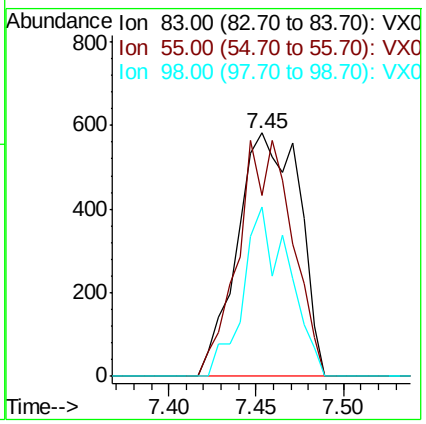




#39
Methylcyclohexane
Concen: 0.497 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

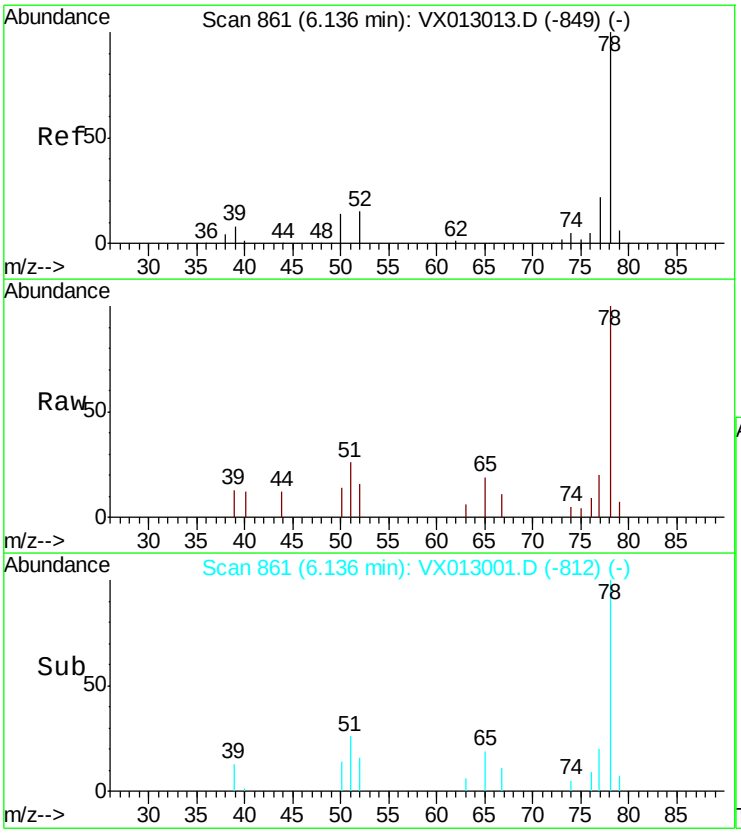
Tgt Ion: 83 Resp: 1445

Ion	Ratio	Lower	Upper
83	100		
55	74.6	60.2	90.4
98	69.8	38.5	57.7#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

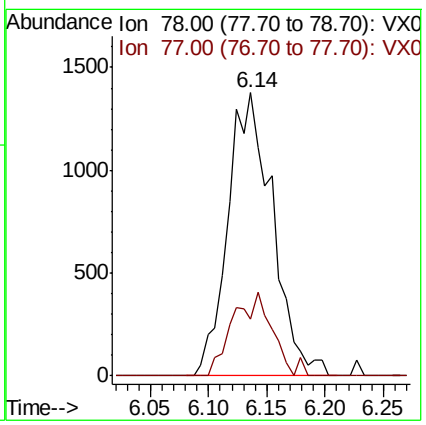
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

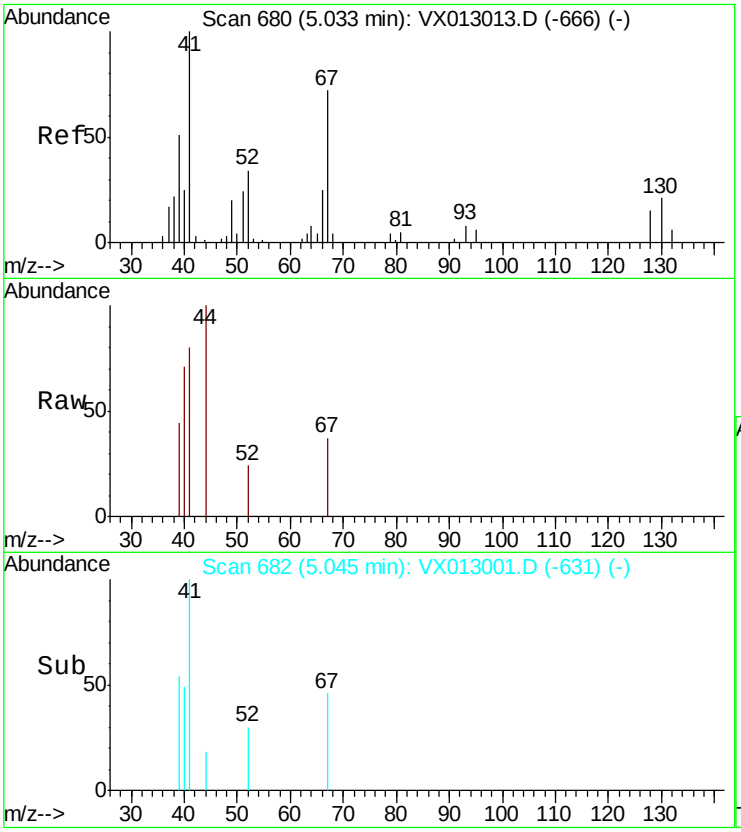


#40
Benzene
Concen: 0.517 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 78 Resp: 3666

Ion	Ratio	Lower	Upper
78	100		
77	20.2	19.0	28.4

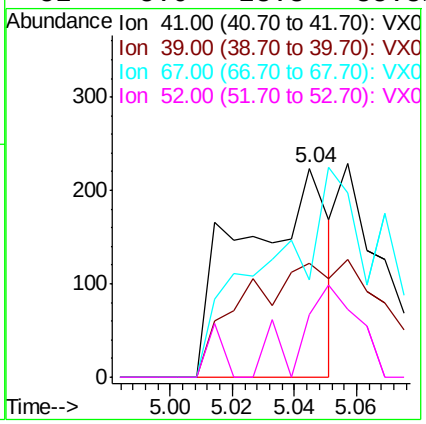




#41
Methacrylonitrile
Concen: 0.285 ug/l m
RT: 5.04 min Scan# 682
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

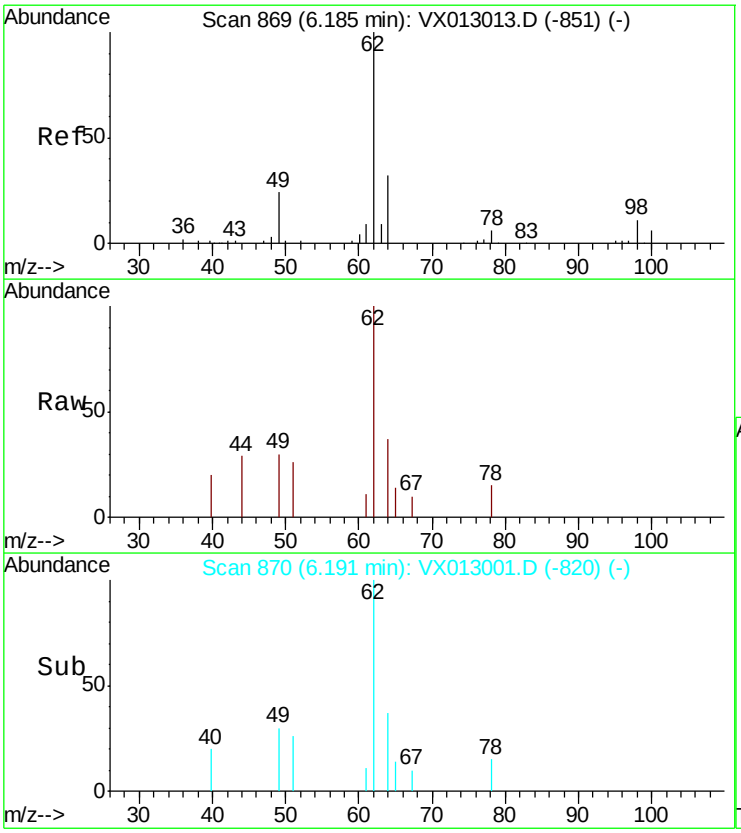
Tgt Ion: 41 Resp: 420

Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.0	66.0#
67	0.0	58.5	87.7#
52	5.0	23.8	35.8#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

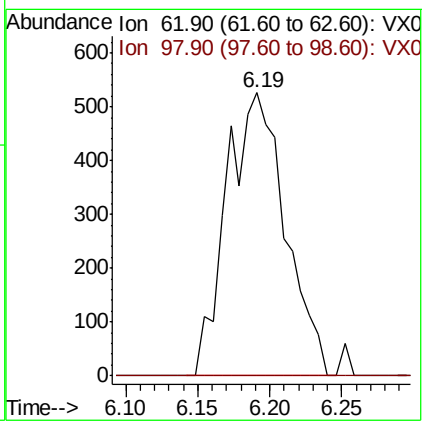
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

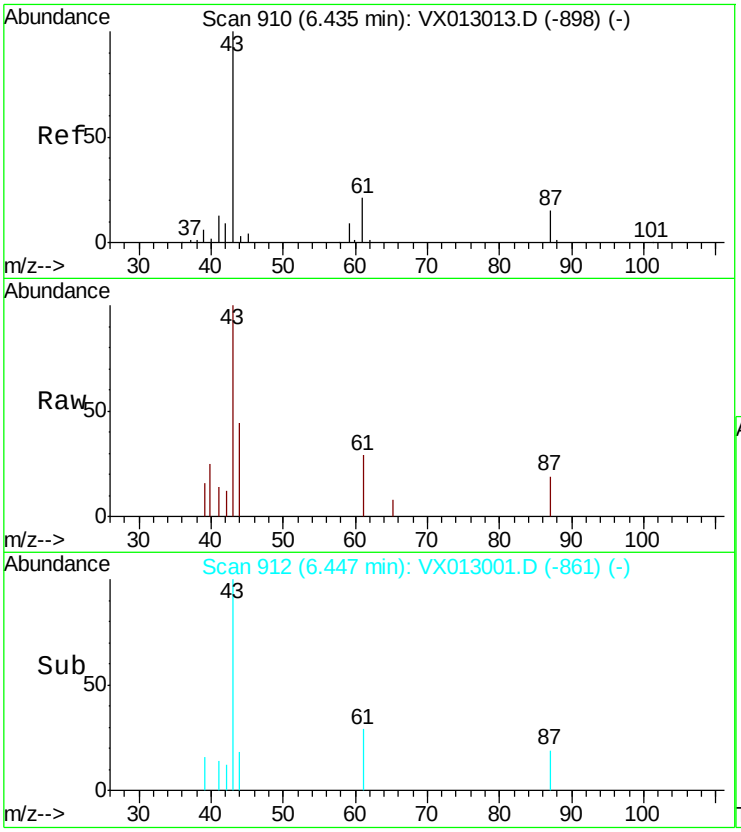


#42
1,2-Dichloroethane
Concen: 0.587 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 62 Resp: 1493

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.4

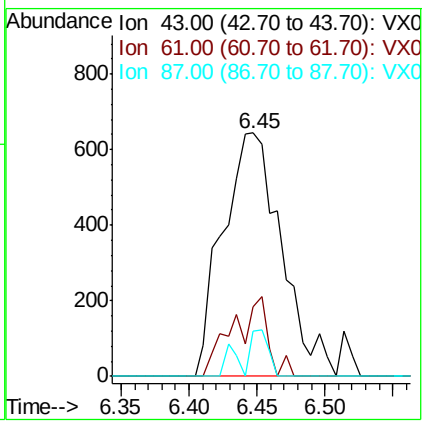




#43
Isopropyl Acetate
Concen: 0.450 ug/l
RT: 6.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

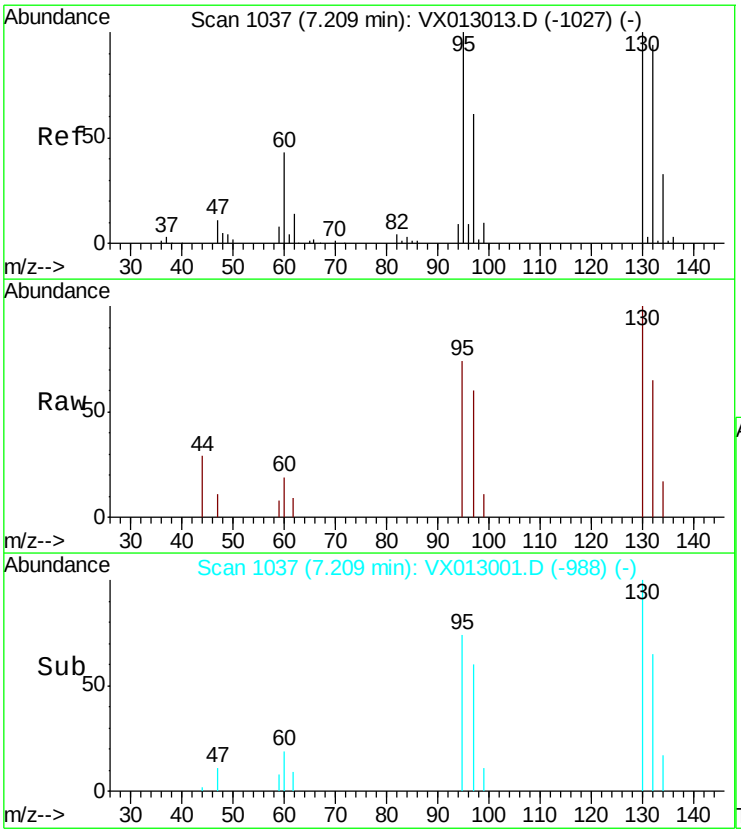
Tgt Ion: 43 Resp: 1937

Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.6	24.8
87	8.5	11.0	16.6#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

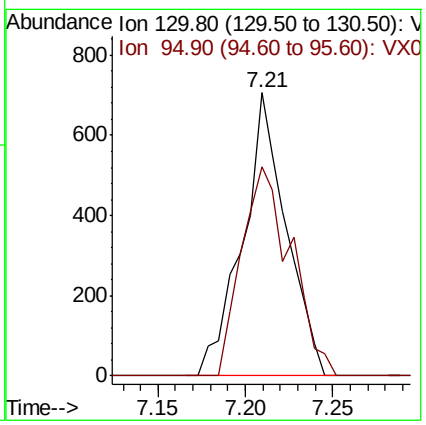
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

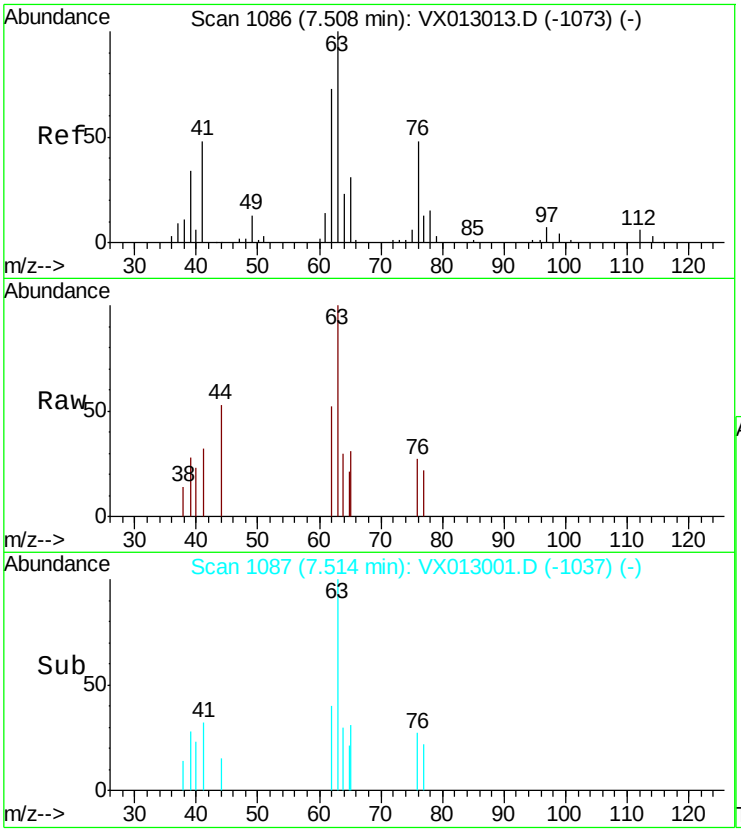


#44
Trichloroethene
Concen: 0.624 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:130 Resp: 1226

Ion	Ratio	Lower	Upper
130	100		
95	74.1	0.0	189.2





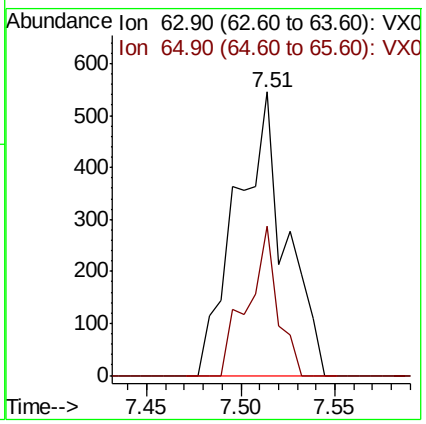
#45
1,2-Dichloropropane
Concen: 0.543 ug/l
RT: 7.51 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

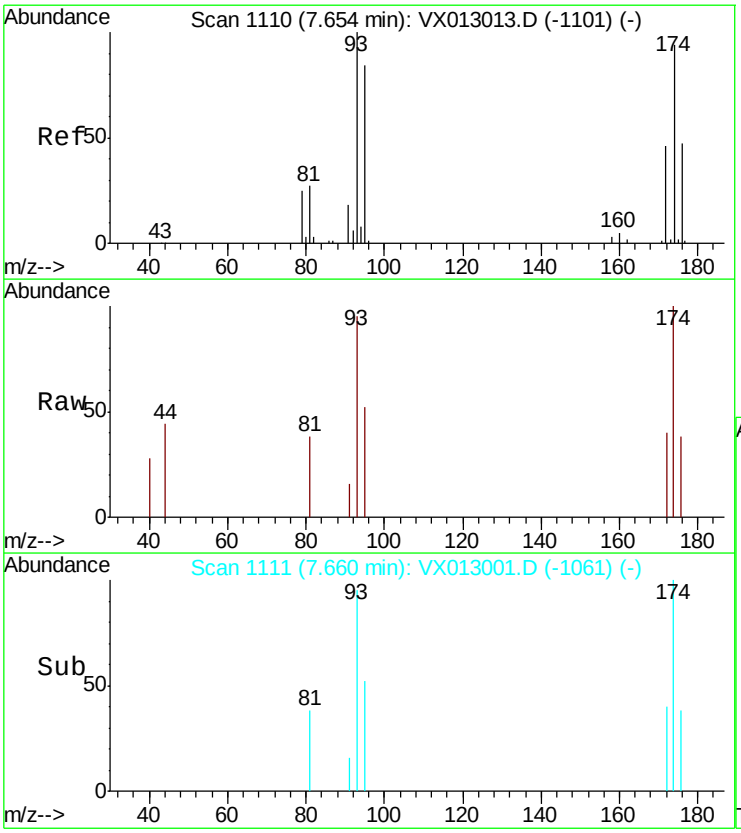
Tgt Ion: 63 Resp: 981

Ion	Ratio	Lower	Upper
63	100		
65	52.8	24.6	37.0#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

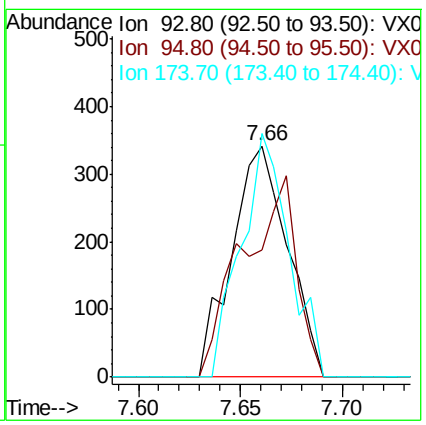


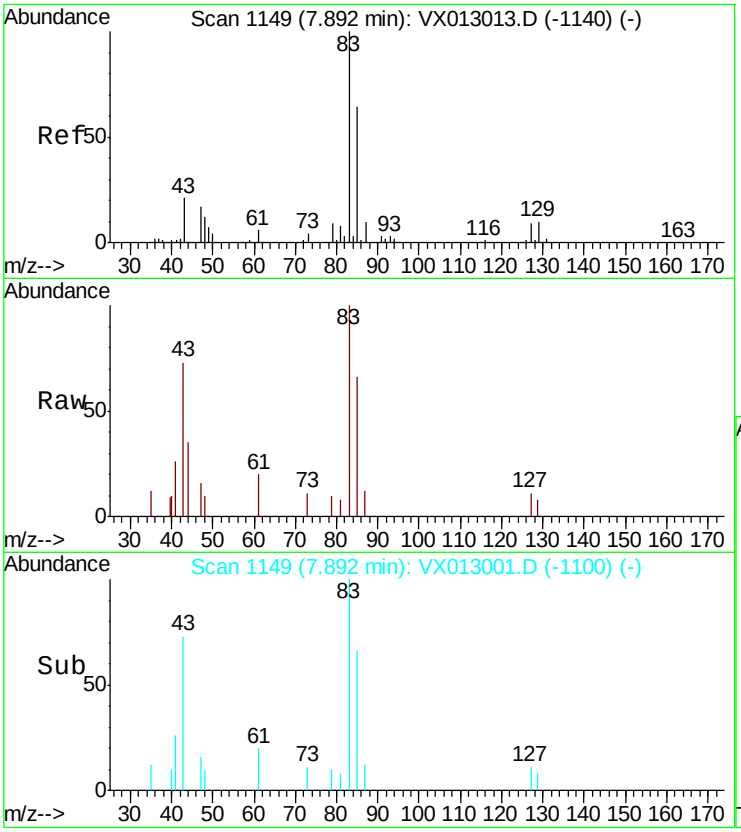


#46
Dibromomethane
Concen: 0.540 ug/l
RT: 7.66 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 93 Resp: 650

Ion	Ratio	Lower	Upper
93	100		
95	83.7	66.3	99.5
174	90.6	77.8	116.6

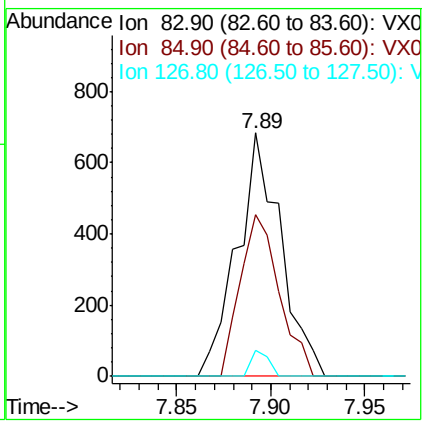




#47
Bromodichloromethane
Concen: 0.467 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

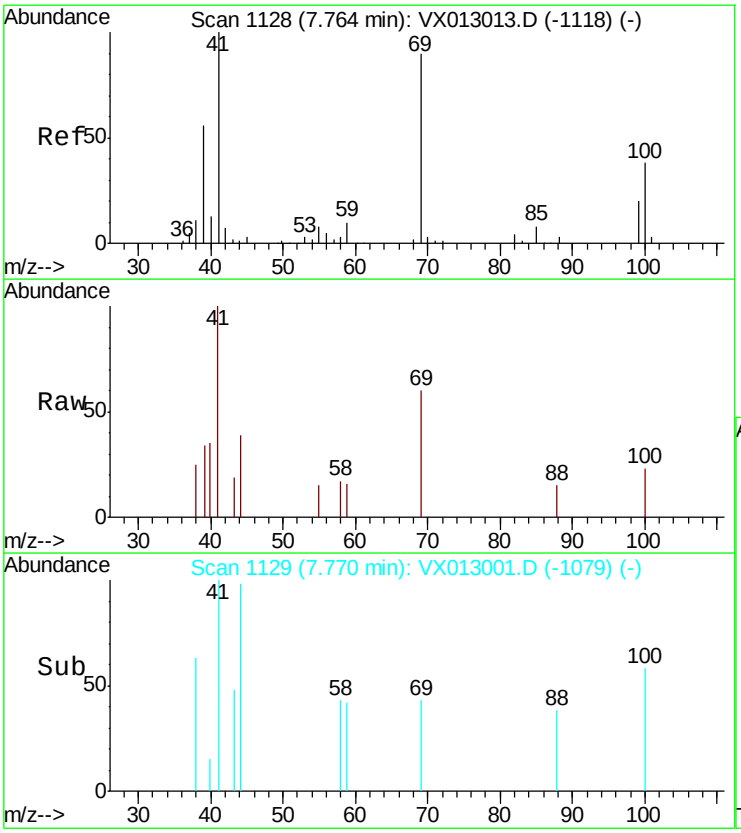
Tgt Ion: 83 Resp: 1096

Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.4	78.6
127	10.5	6.6	10.0#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

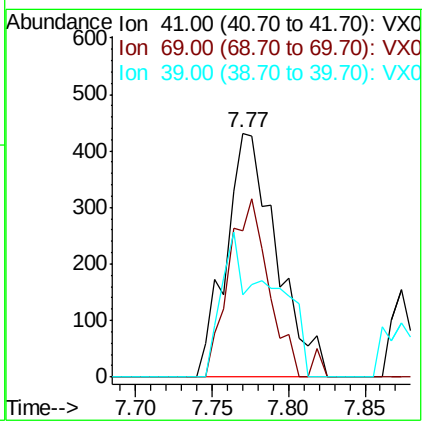
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

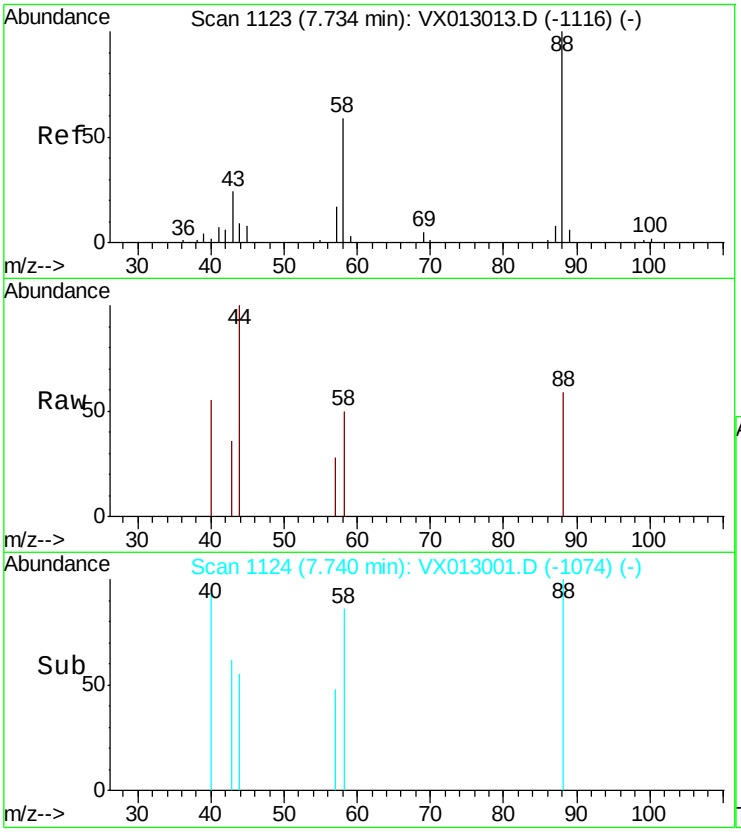


#48
Methyl methacrylate
Concen: 0.470 ug/l
RT: 7.77 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 41 Resp: 987

Ion	Ratio	Lower	Upper
41	100		
69	57.1	68.7	103.1#
39	30.8	44.3	66.5#

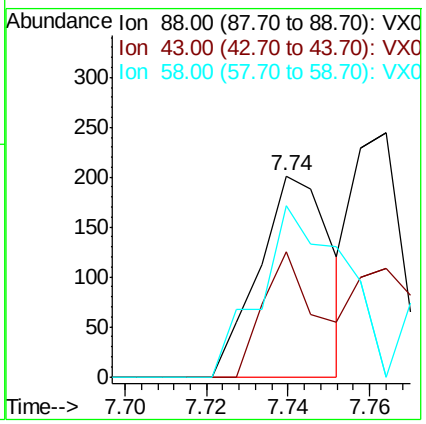




#49
1,4-Dioxane
Concen: 4.869 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

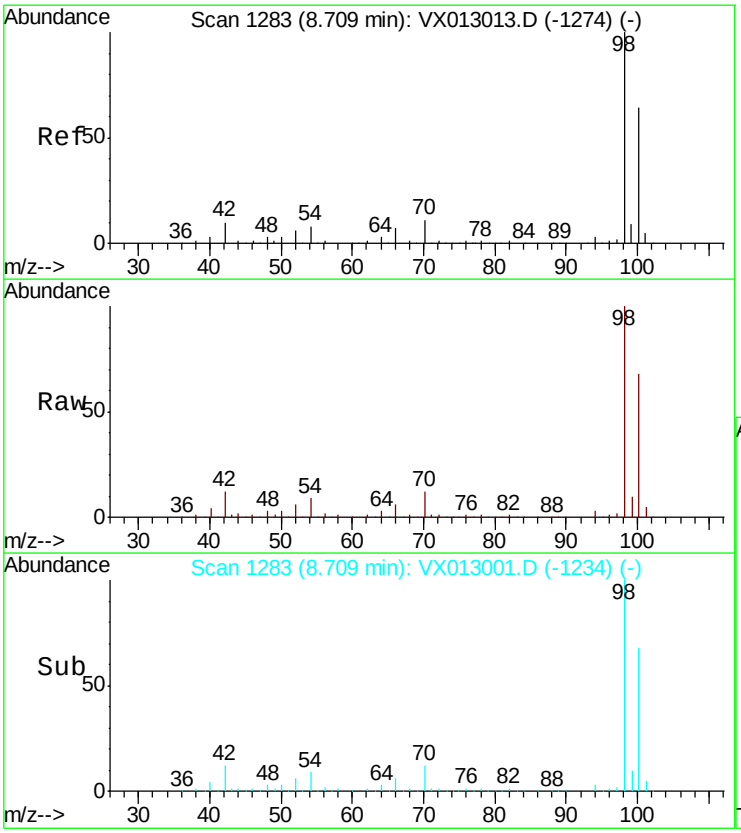
Tgt Ion: 88 Resp: 247

Ion	Ratio	Lower	Upper
88	100		
43	46.2	25.0	37.6#
58	109.3	55.4	83.2#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

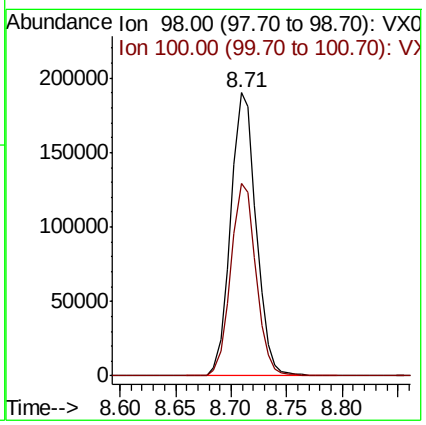
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

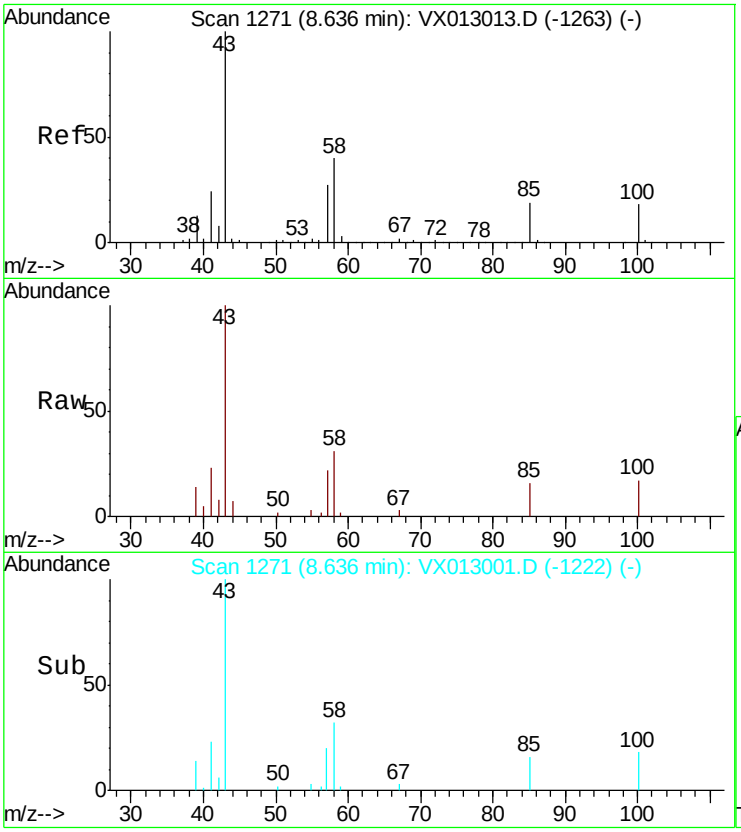


#50
Toluene-d8
Concen: 49.344 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 98 Resp: 301390

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2





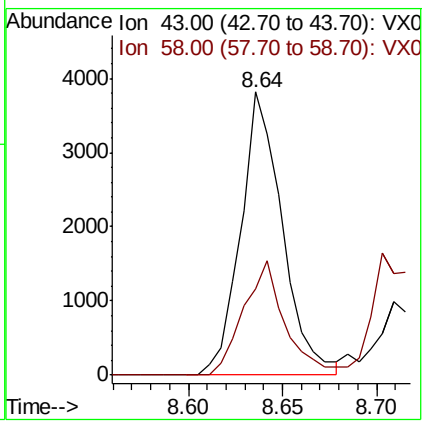
#51
4-Methyl-2-Pentanone
Concen: 2.183 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

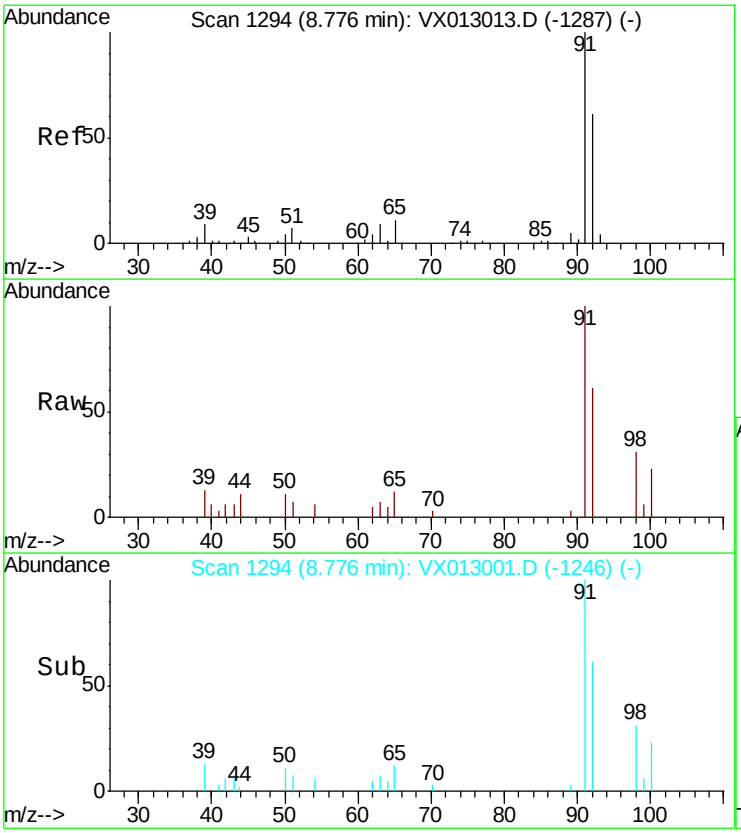
Tgt Ion: 43 Resp: 5859

Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.4	48.6

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

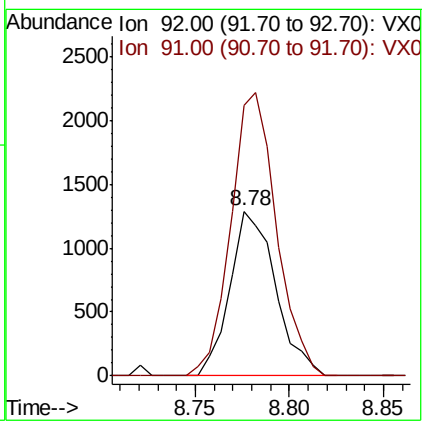


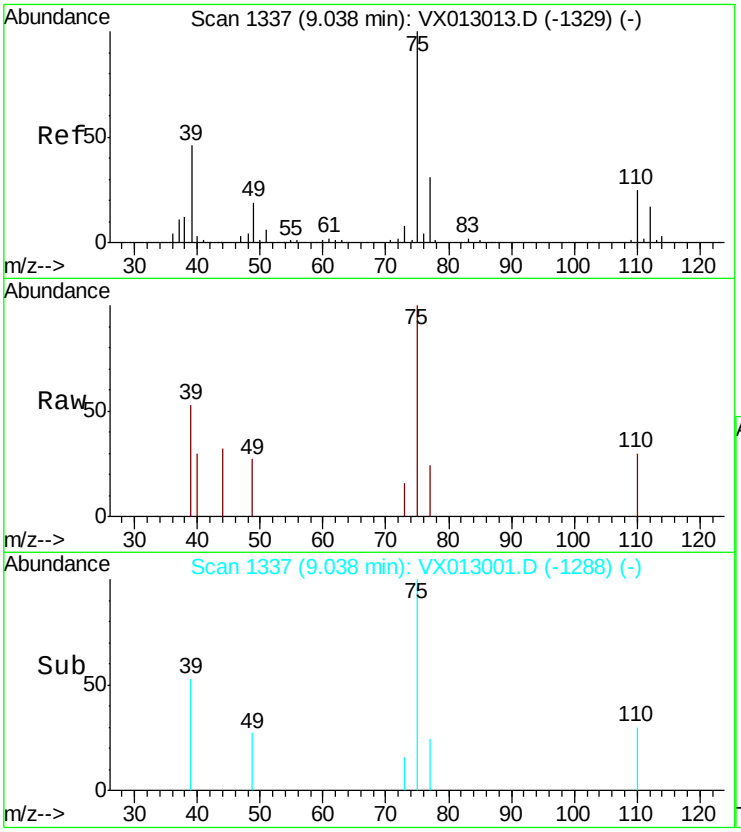


#52
Toluene
Concen: 0.477 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 92 Resp: 2161

Ion	Ratio	Lower	Upper
92	100		
91	172.0	135.9	203.9





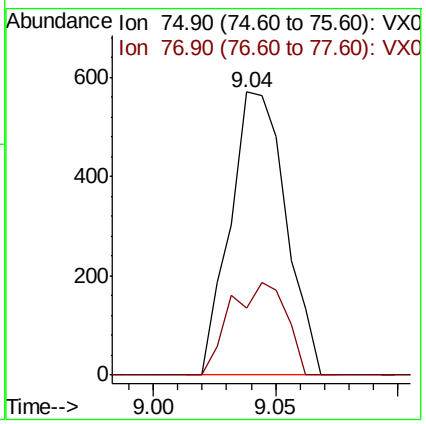
#53
t-1,3-Dichloropropene
Concen: 0.347 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

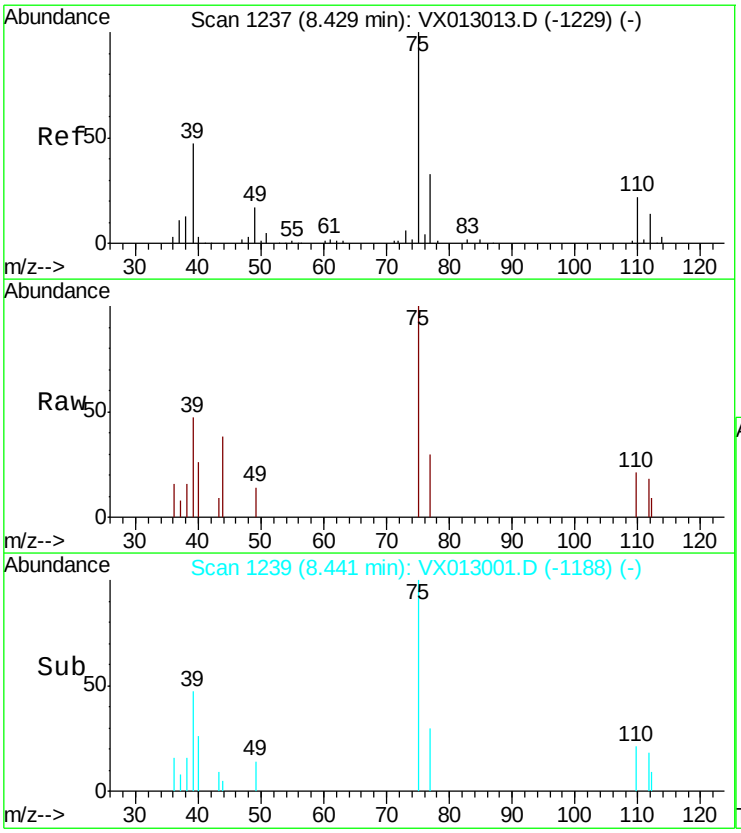
Tgt Ion: 75 Resp: 903

Ion	Ratio	Lower	Upper
75	100		
77	23.5	25.8	38.6#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

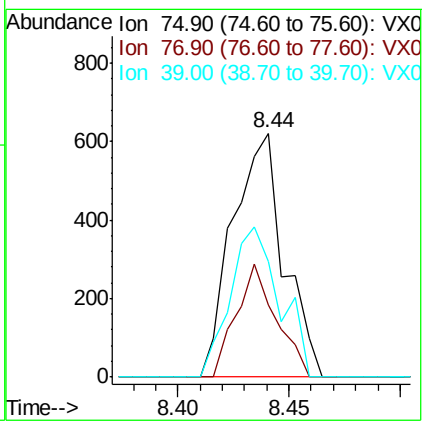


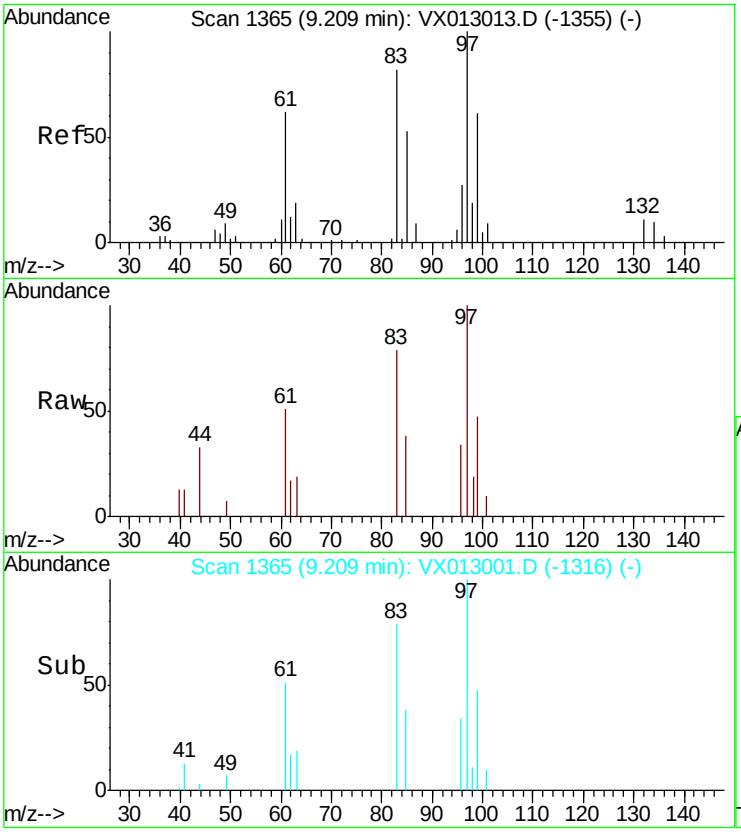


#54
cis-1,3-Dichloropropene
Concen: 0.345 ug/l
RT: 8.44 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 75 Resp: 995

Ion	Ratio	Lower	Upper
75	100		
77	29.8	25.8	38.8
39	47.2	38.2	57.2

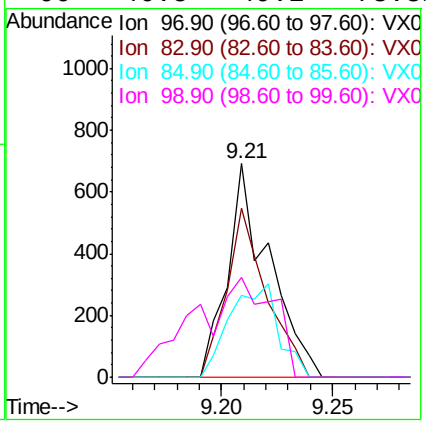




#55
1,1,2-Trichloroethane
Concen: 0.499 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

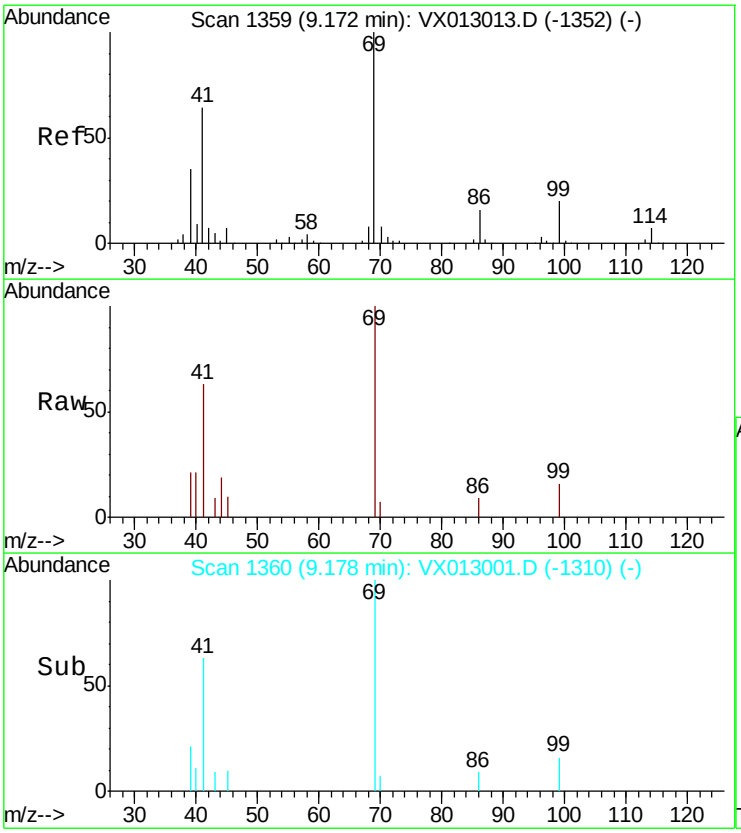
Tgt Ion: 97 Resp: 896

Ion	Ratio	Lower	Upper
97	100		
83	79.2	66.5	99.7
85	38.2	43.1	64.7#
99	46.5	49.2	73.8#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

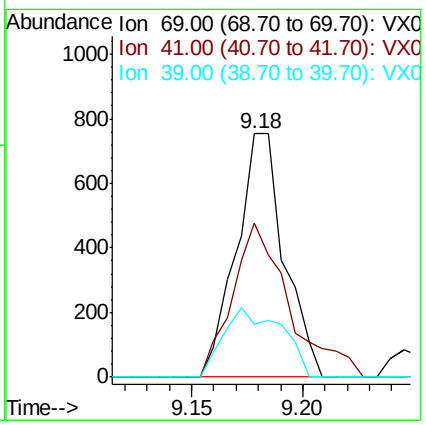
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

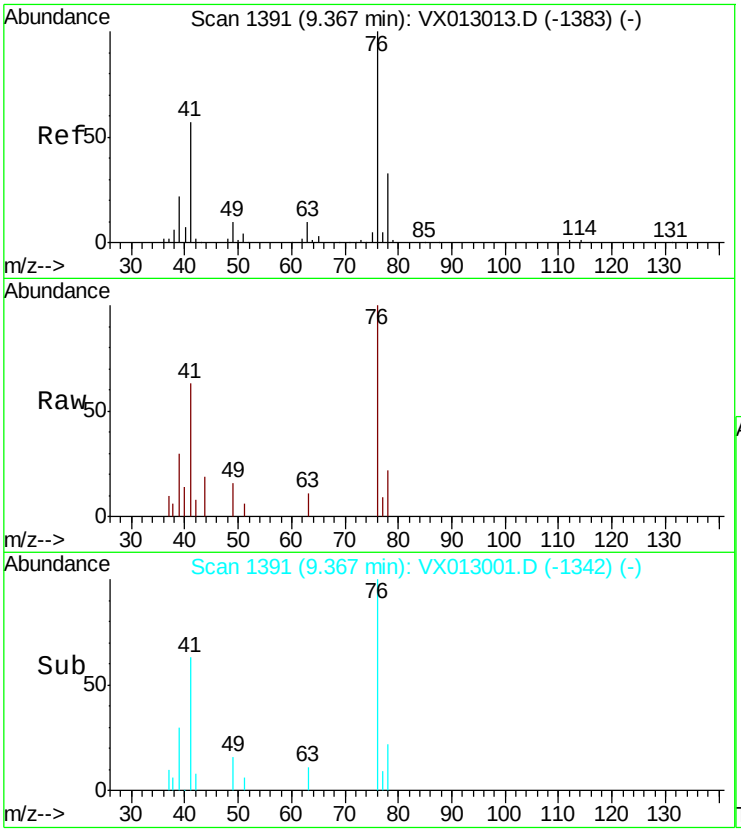


#56
Ethyl methacrylate
Concen: 0.389 ug/l
RT: 9.18 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 69 Resp: 1130

Ion	Ratio	Lower	Upper
69	100		
41	74.5	52.1	78.1
39	34.0	27.8	41.8

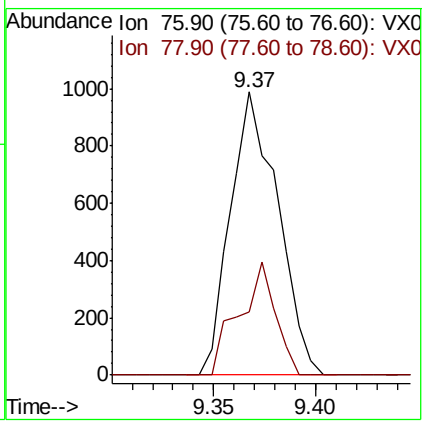




#57
1,3-Dichloropropane
Concen: 0.513 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

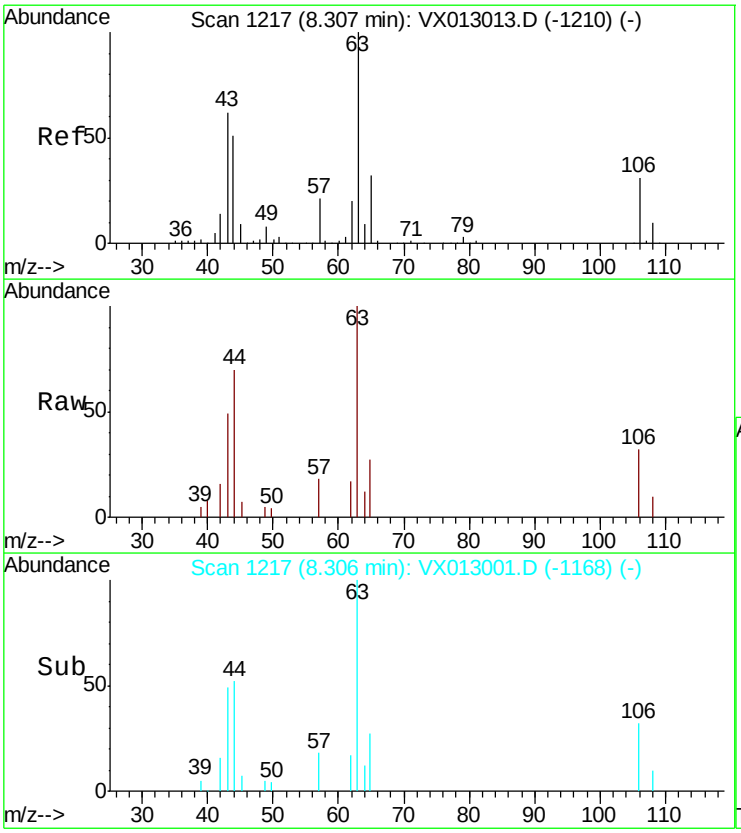
Tgt Ion: 76 Resp: 1593

Ion	Ratio	Lower	Upper
76	100		
78	30.7	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

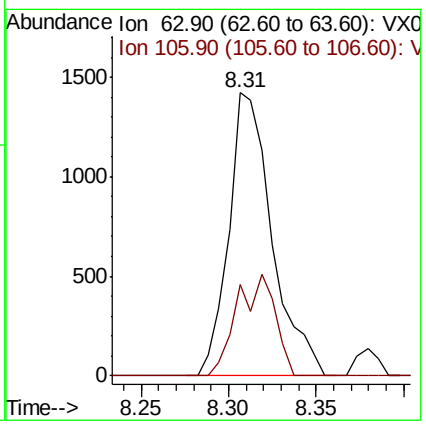
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

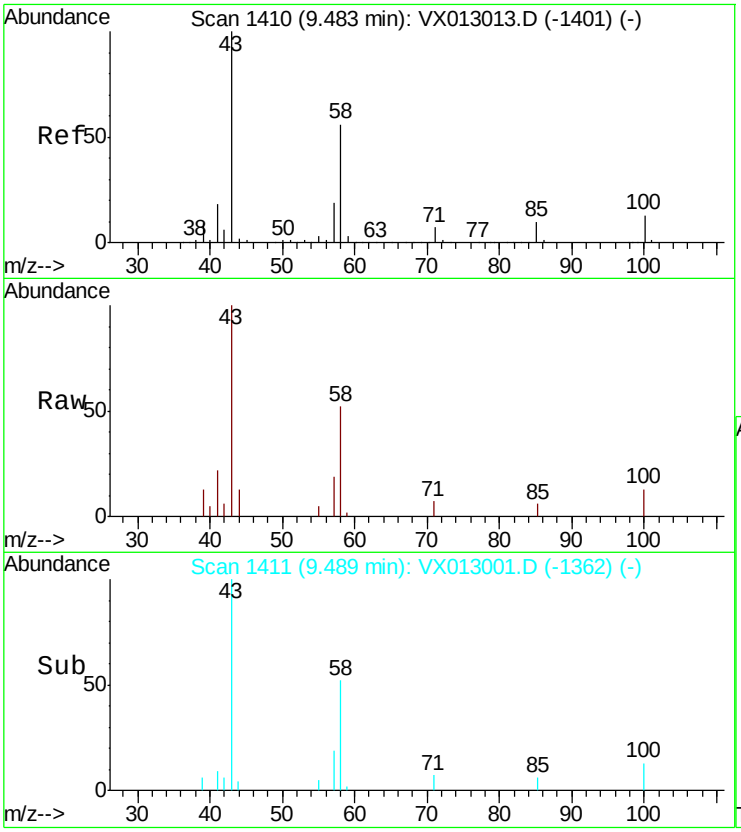


#58
2-Chloroethyl Vinyl ether
Concen: 1.860 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 63 Resp: 2451

Ion	Ratio	Lower	Upper
63	100		
106	31.5	23.8	35.8





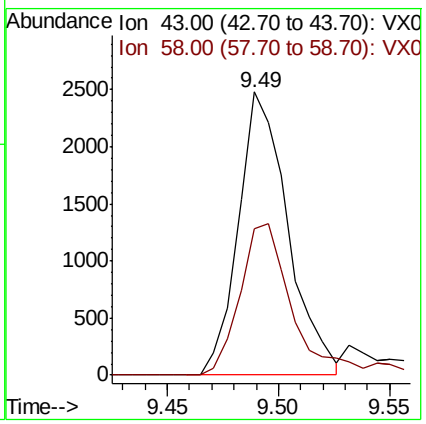
#59
2-Hexanone
Concen: 1.841 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

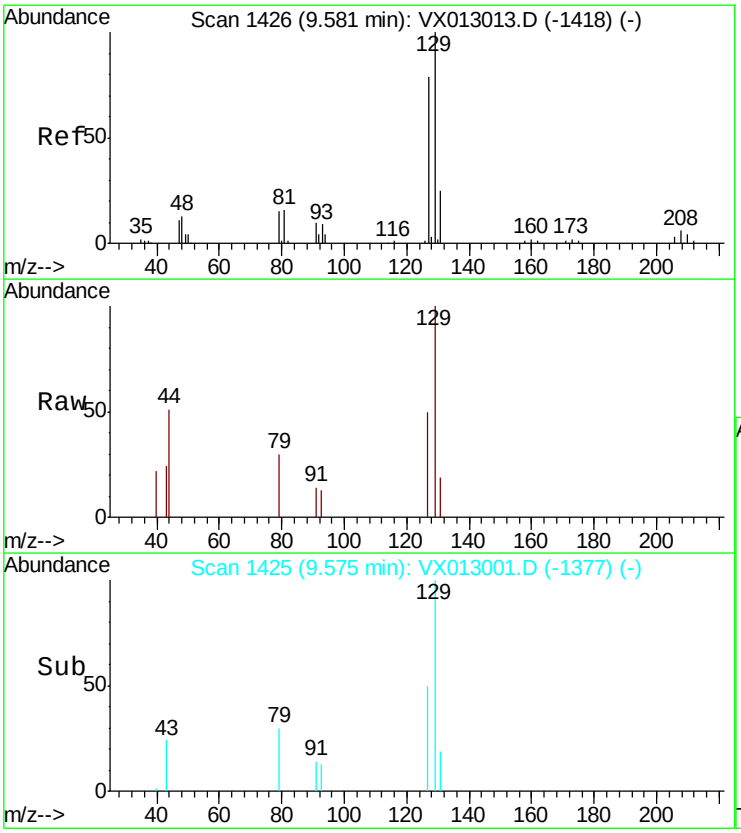
Tgt Ion: 43 Resp: 3848

Ion	Ratio	Lower	Upper
43	100		
58	55.6	28.1	84.3

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

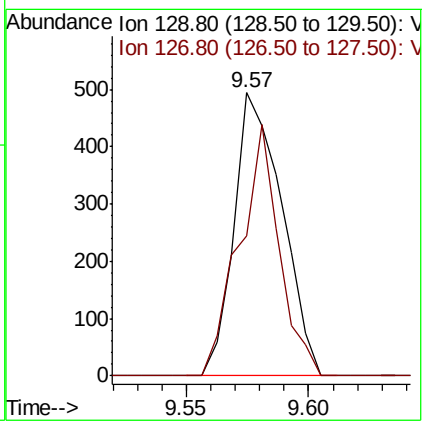


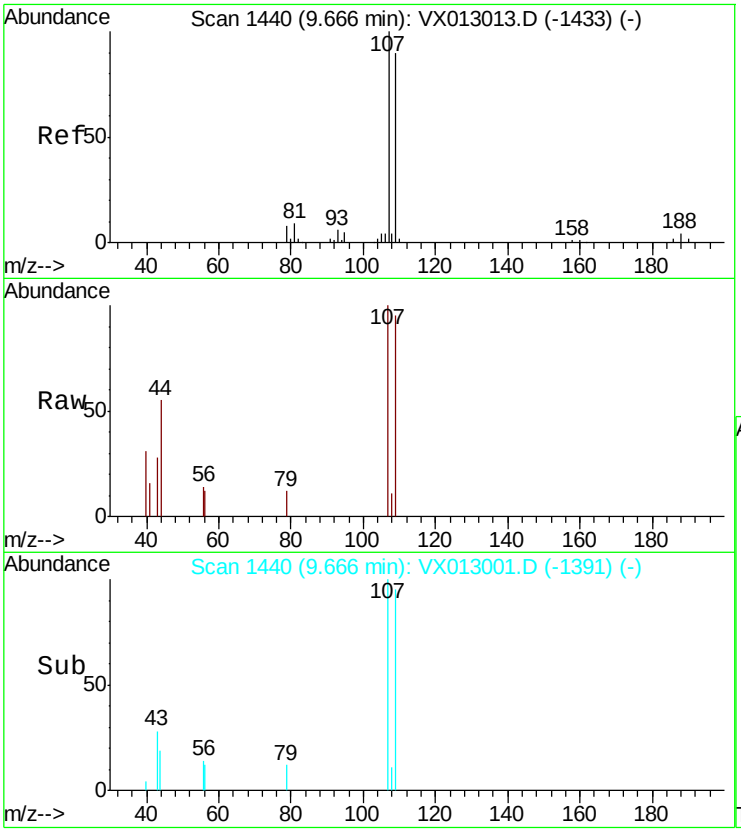


#60
Dibromochloromethane
Concen: 0.383 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:129 Resp: 673

Ion	Ratio	Lower	Upper
129	100		
127	74.0	38.9	116.7





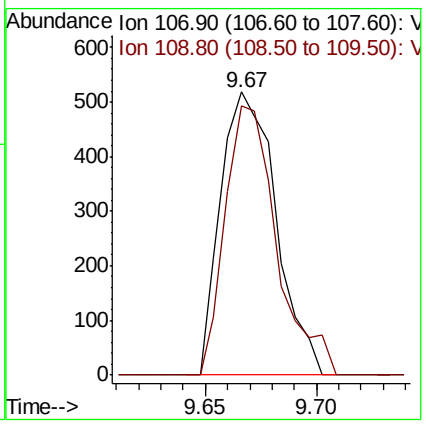
#61
1,2-Dibromoethane
Concen: 0.473 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

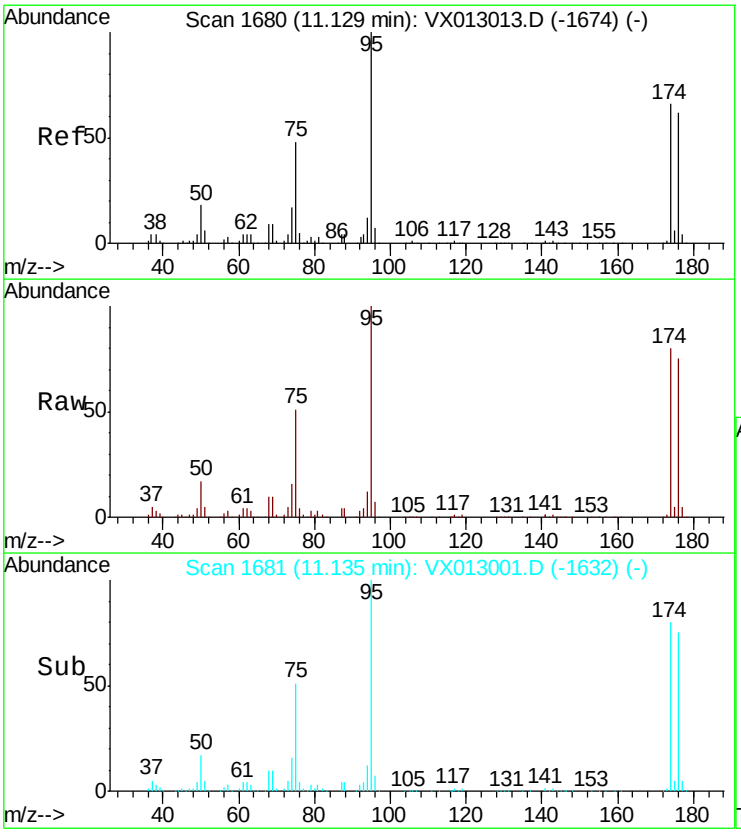
Tgt Ion:107 Resp: 893

Ion	Ratio	Lower	Upper
107	100		
109	89.1	75.8	113.6

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

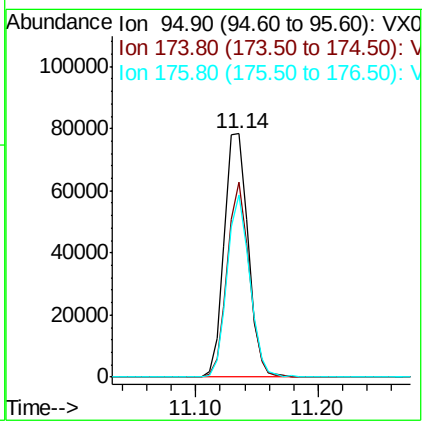


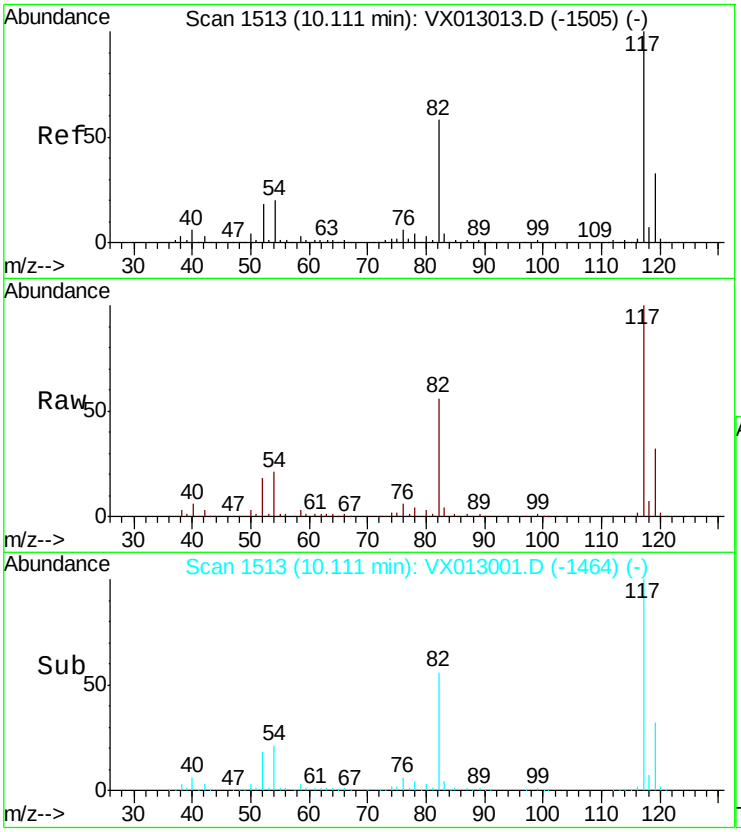


#62
4-Bromofluorobenzene
Concen: 44.896 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 95 Resp: 106551

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	143.4
176	70.3	0.0	136.0

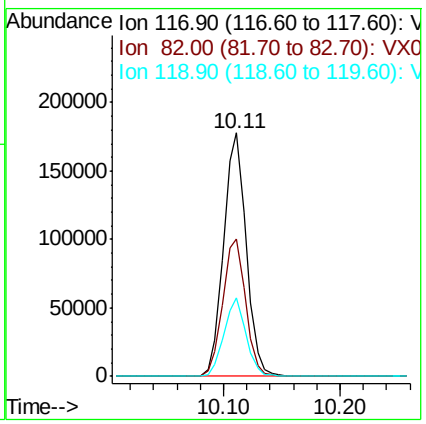




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

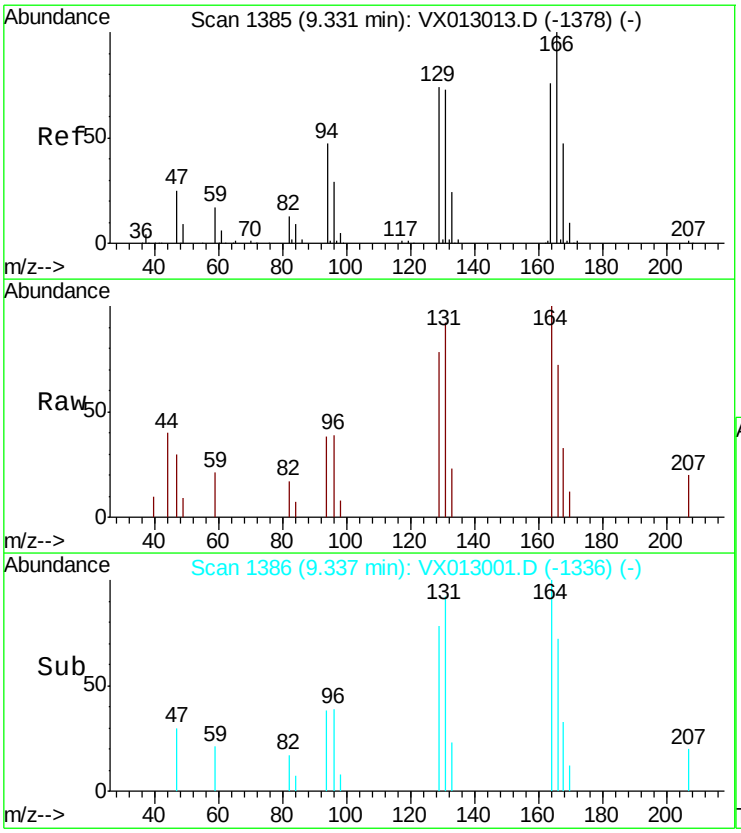
Tgt Ion:117 Resp: 239948

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.1	66.1
119	32.1	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

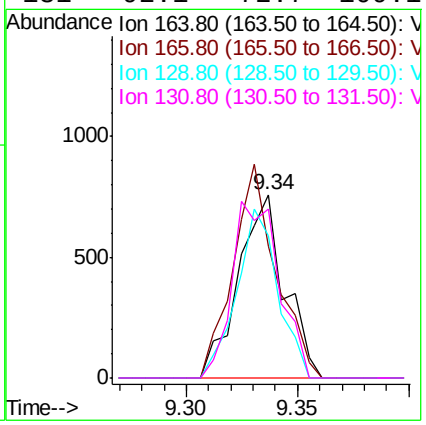
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

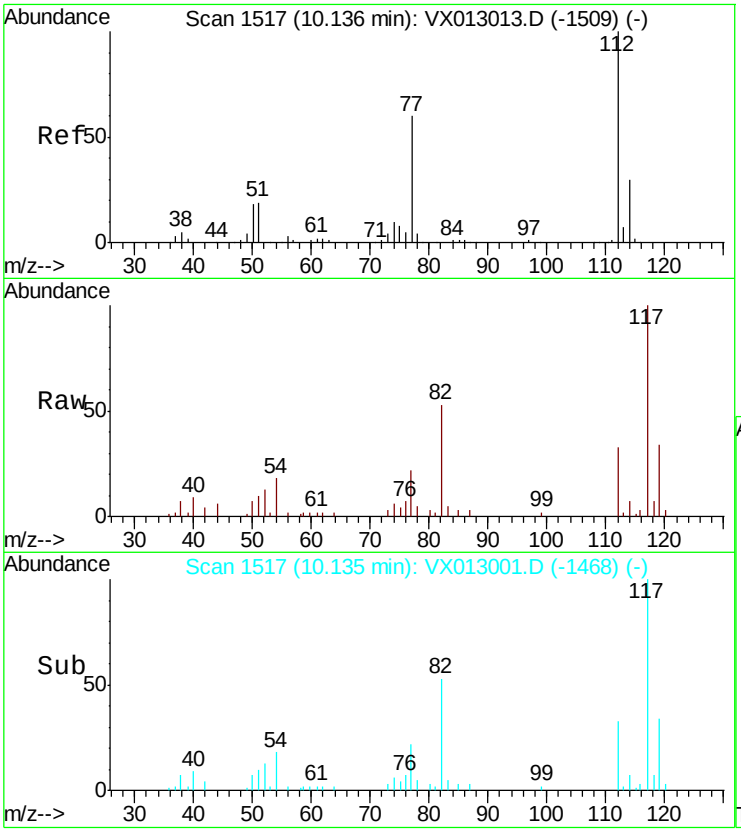


#64
Tetrachloroethene
Concen: 0.657 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:164 Resp: 1093

Ion	Ratio	Lower	Upper
164	100		
166	71.8	96.9	145.3#
129	77.8	77.9	116.9#
131	92.1	72.7	109.1





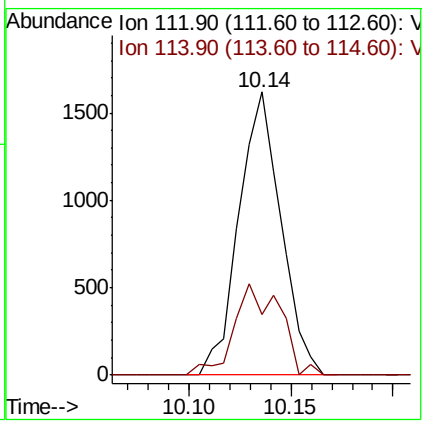
#65
Chlorobenzene
Concen: 0.487 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

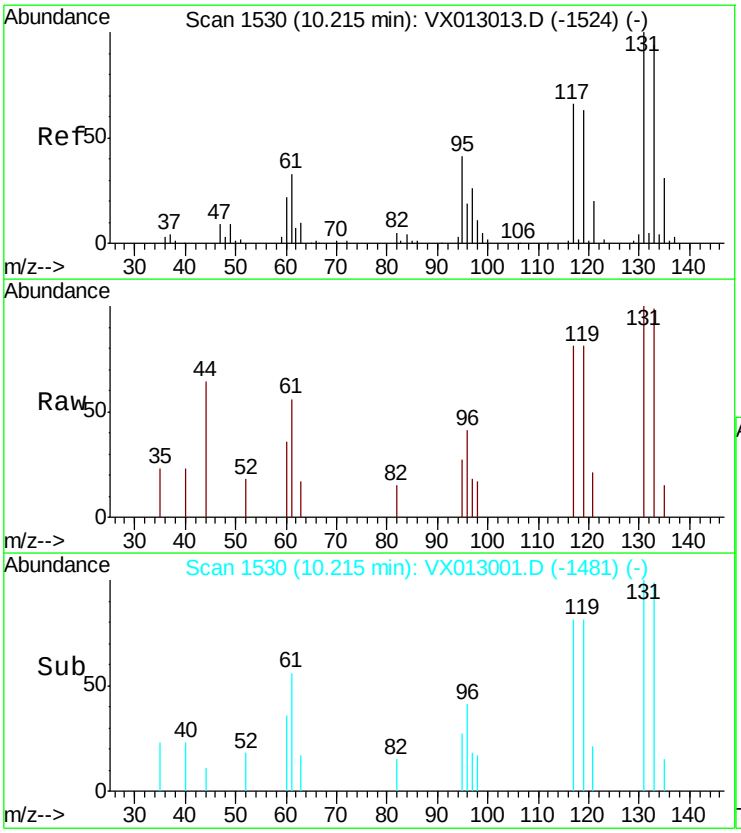
Tgt Ion:112 Resp: 2320

Ion	Ratio	Lower	Upper
112	100		
114	21.6	25.7	38.5#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

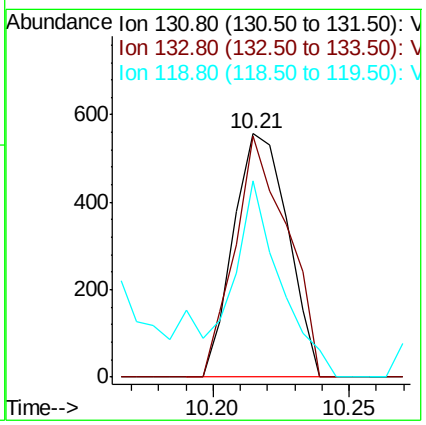


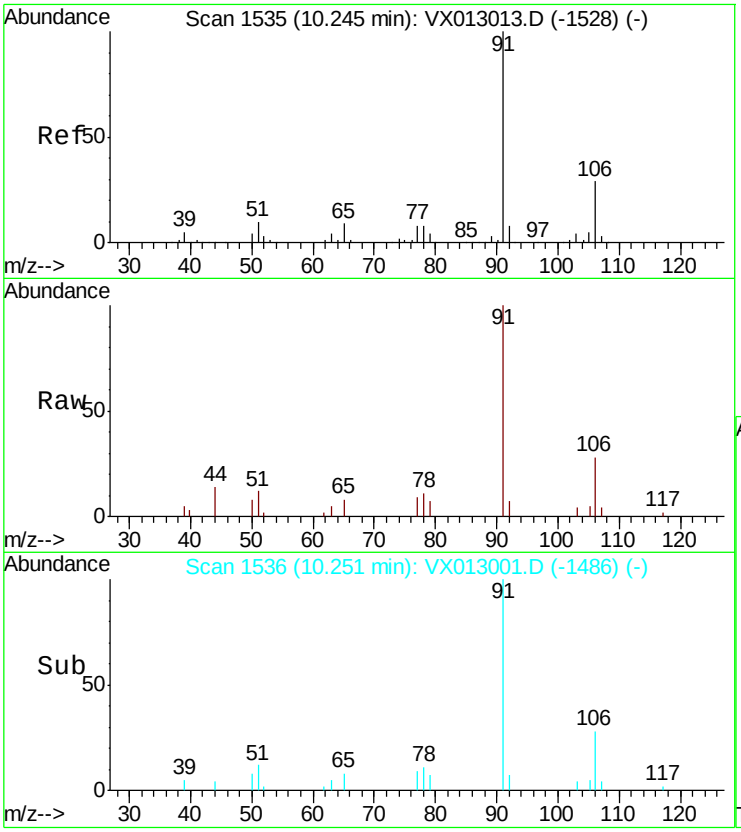


#66
1,1,1,2-Tetrachloroethane
Concen: 0.467 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:131 Resp: 772

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.2	141.6
119	0.0	32.6	98.0#

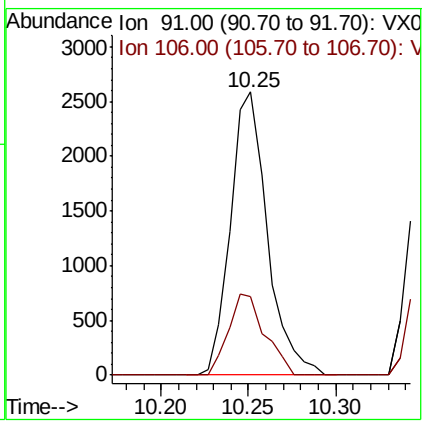




#67
Ethyl Benzene
Concen: 0.449 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

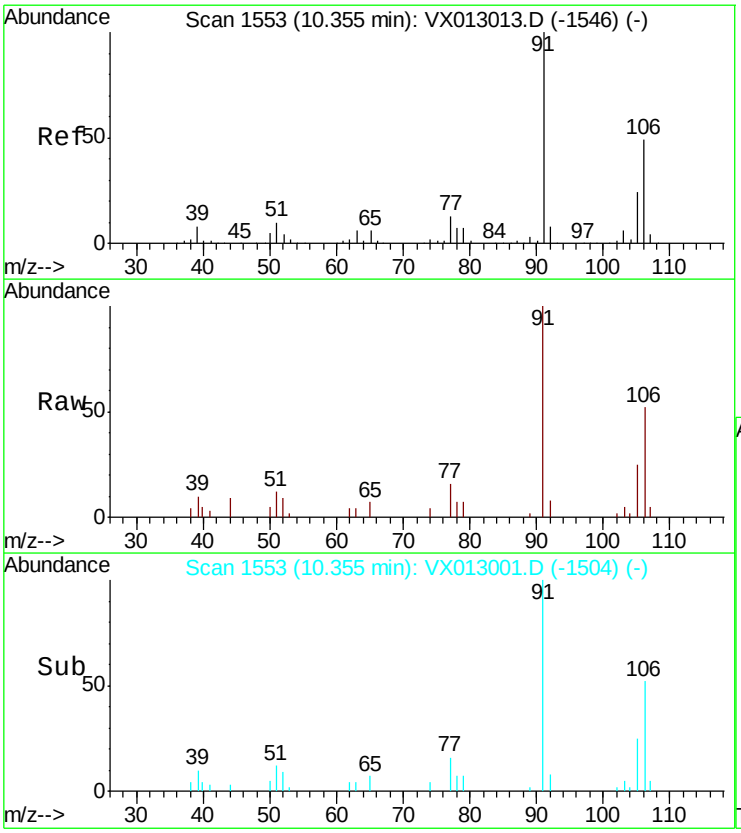
Tgt Ion: 91 Resp: 3801

Ion	Ratio	Lower	Upper
91	100		
106	27.7	23.9	35.9



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

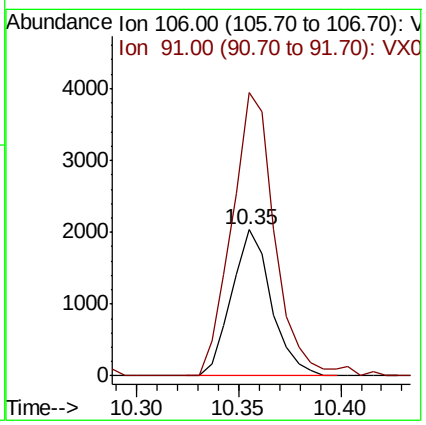
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

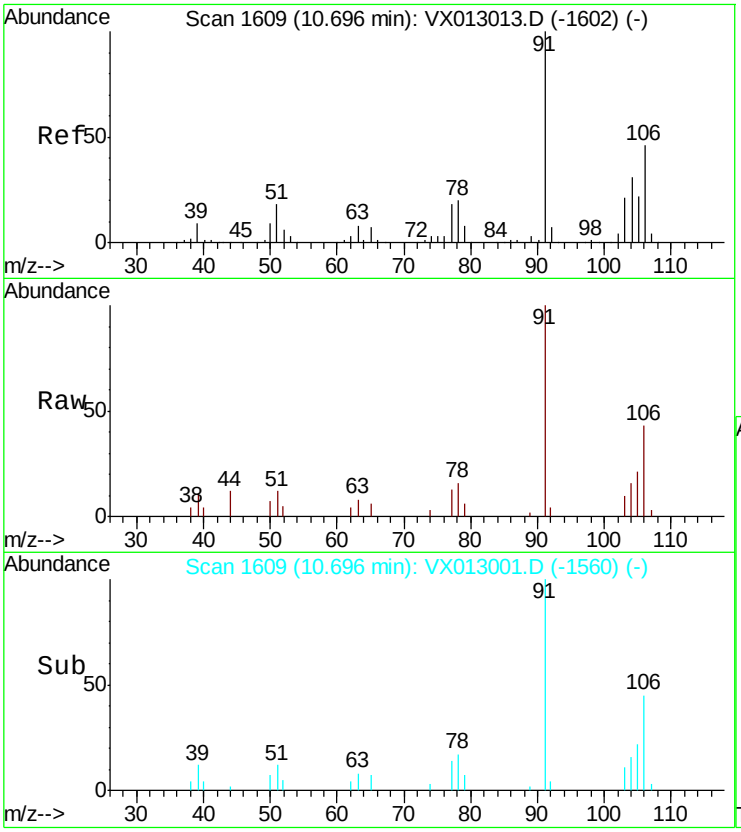


#68
m/p-Xylenes
Concen: 0.866 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:106 Resp: 2739

Ion	Ratio	Lower	Upper
106	100		
91	212.6	165.3	247.9





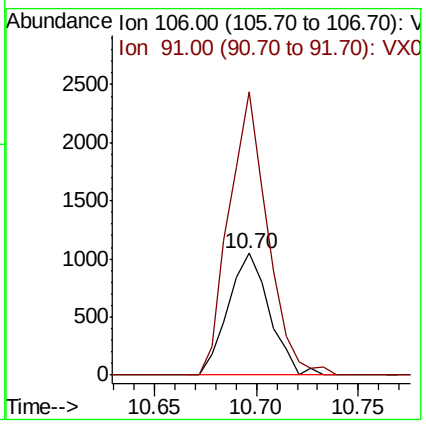
#69
o-Xylene
Concen: 0.476 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

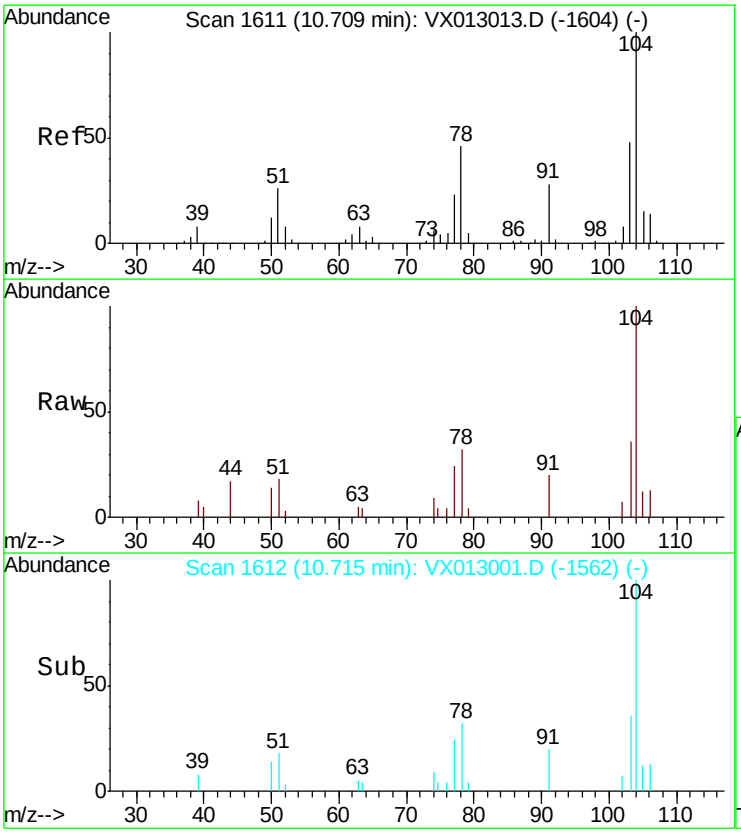
Tgt Ion:106 Resp: 1468

Ion	Ratio	Lower	Upper
106	100		
91	216.9	109.1	327.3

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

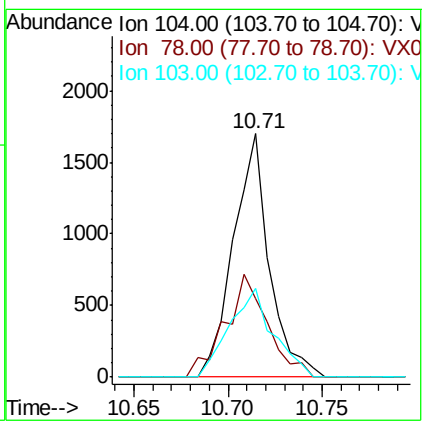


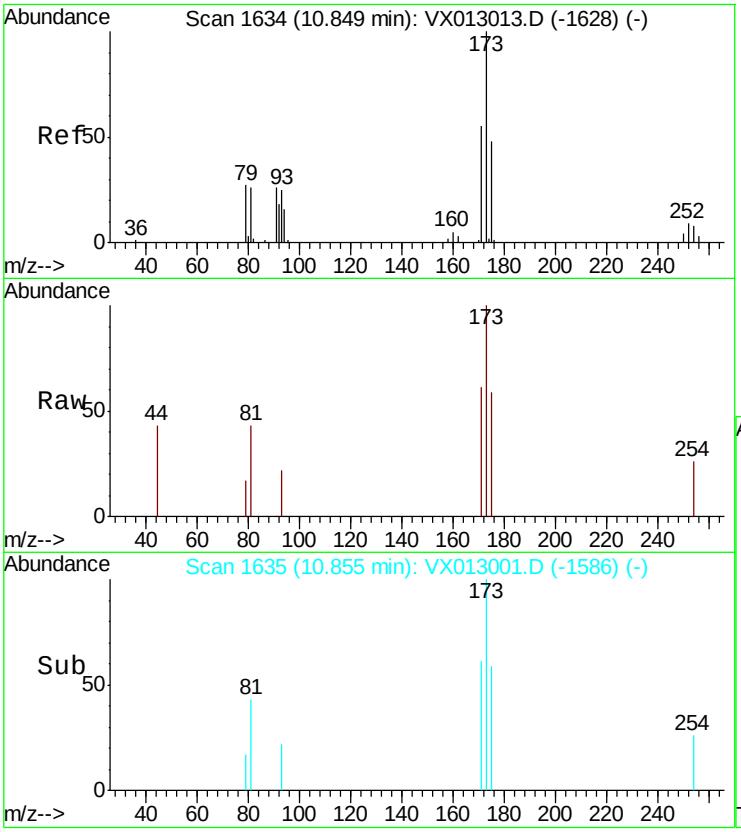


#70
Styrene
Concen: 0.428 ug/l
RT: 10.71 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:104 Resp: 2243

Ion	Ratio	Lower	Upper
104	100		
78	49.9	41.2	61.8
103	44.6	43.0	64.4





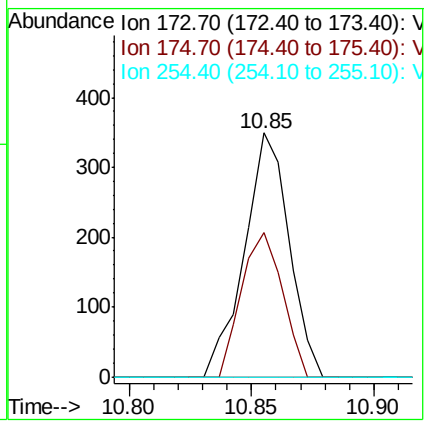
#71
Bromoform
Concen: 0.375 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

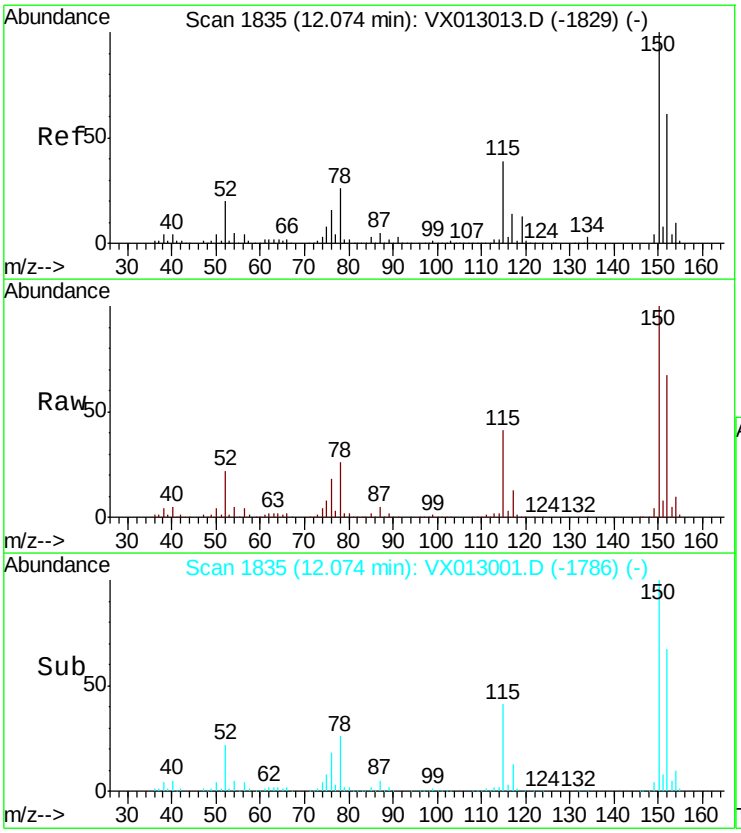
Tgt Ion:173 Resp: 447

Ion	Ratio	Lower	Upper
173	100		
175	53.9	24.1	72.3
254	0.0	0.1	0.1#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

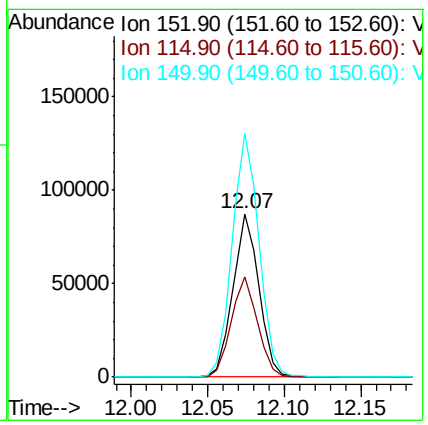


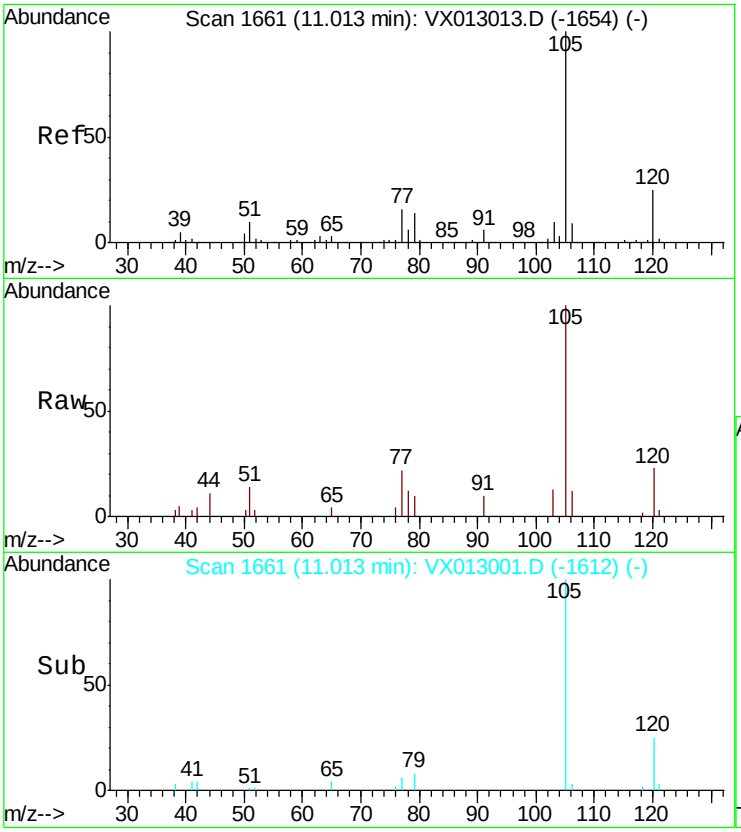


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:152 Resp: 102650

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.5	133.5
150	154.0	0.0	353.4





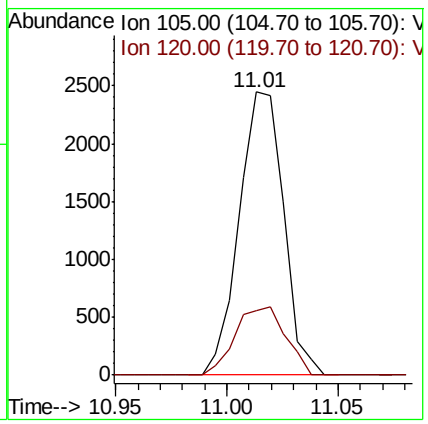
#73
Isopropylbenzene
Concen: 0.452 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

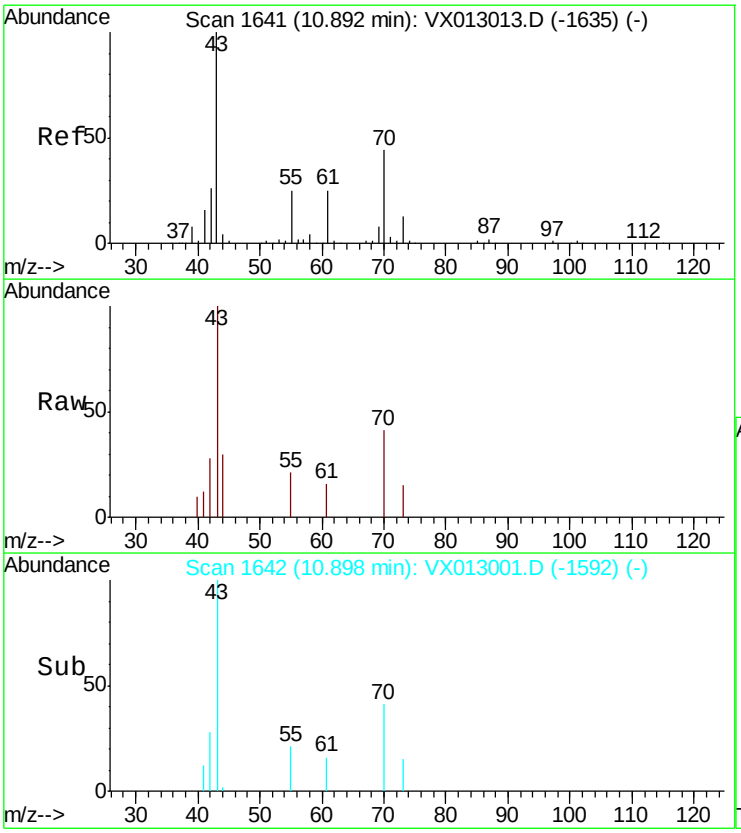
Tgt Ion:105 Resp: 3410

Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

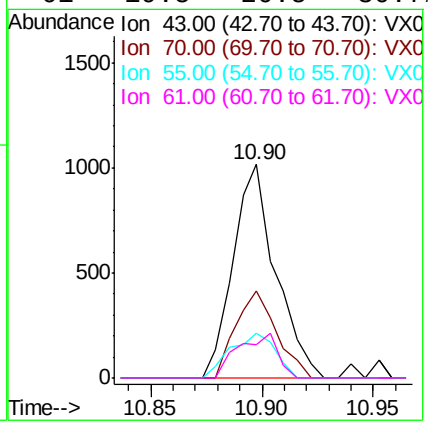


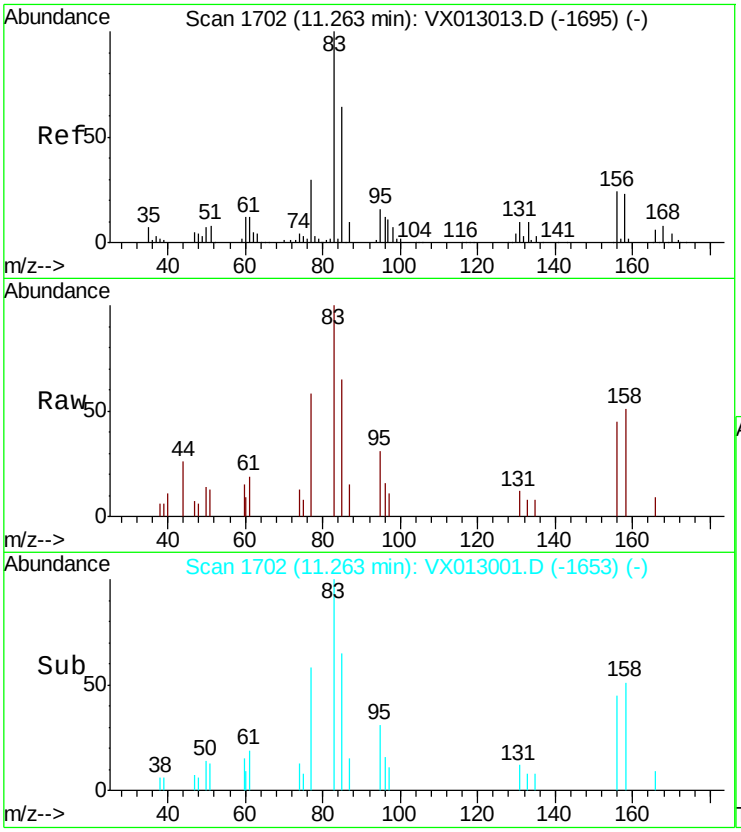


#74
N-amyl acetate
Concen: 0.416 ug/l
RT: 10.90 min Scan# 1642
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 43 Resp: 1352

Ion	Ratio	Lower	Upper
43	100		
70	38.8	36.4	54.6
55	22.3	20.2	30.2
61	19.5	20.5	30.7#

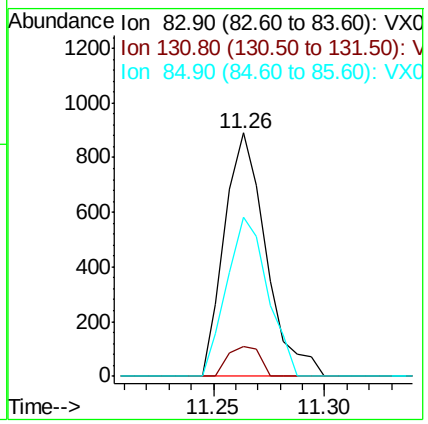




#75
1,1,2,2-Tetrachloroethane
Concen: 0.462 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

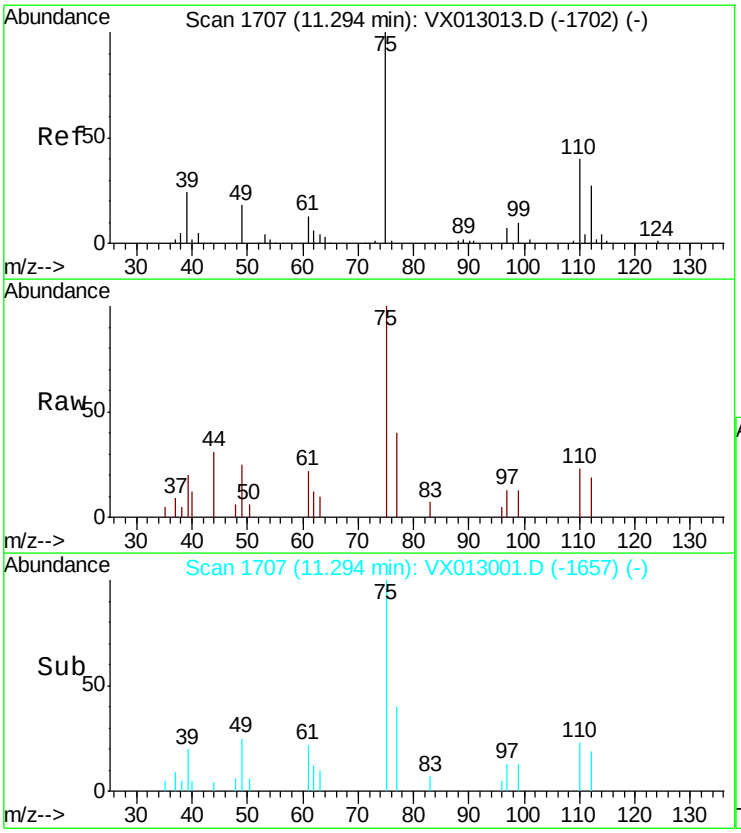
Tgt Ion: 83 Resp: 1159

Ion	Ratio	Lower	Upper
83	100		
131	9.3	5.1	15.3
85	64.4	32.1	96.5



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

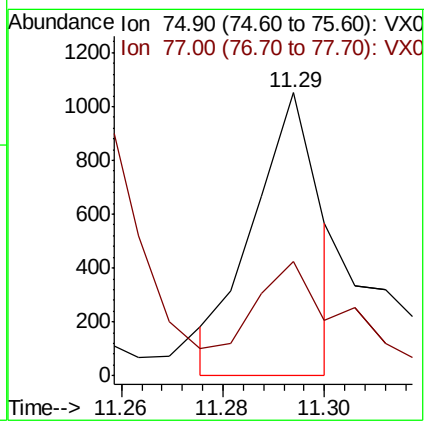
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

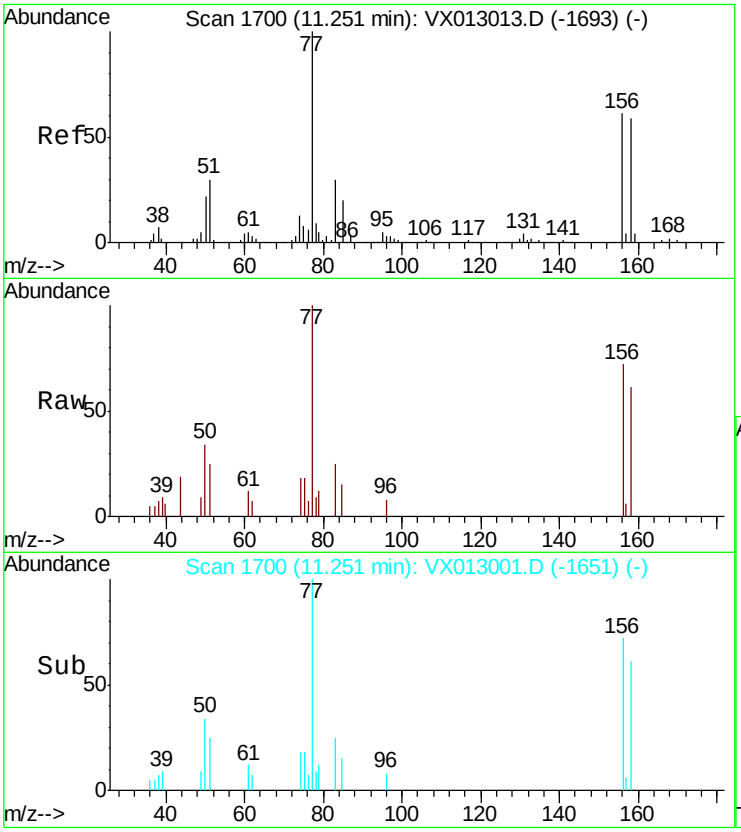


#76
1,2,3-Trichloropropane
Concen: 0.418 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 75 Resp: 951

Ion	Ratio	Lower	Upper
75	100		
77	64.8	22.9	68.8

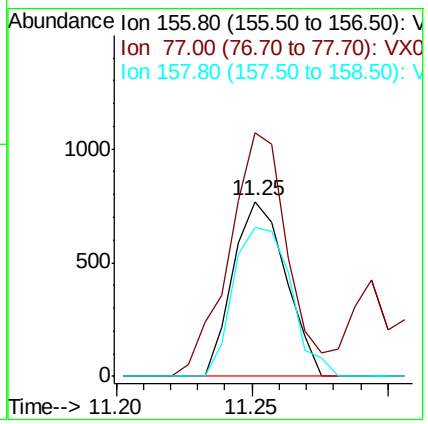




#77
Bromobenzene
Concen: 0.581 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

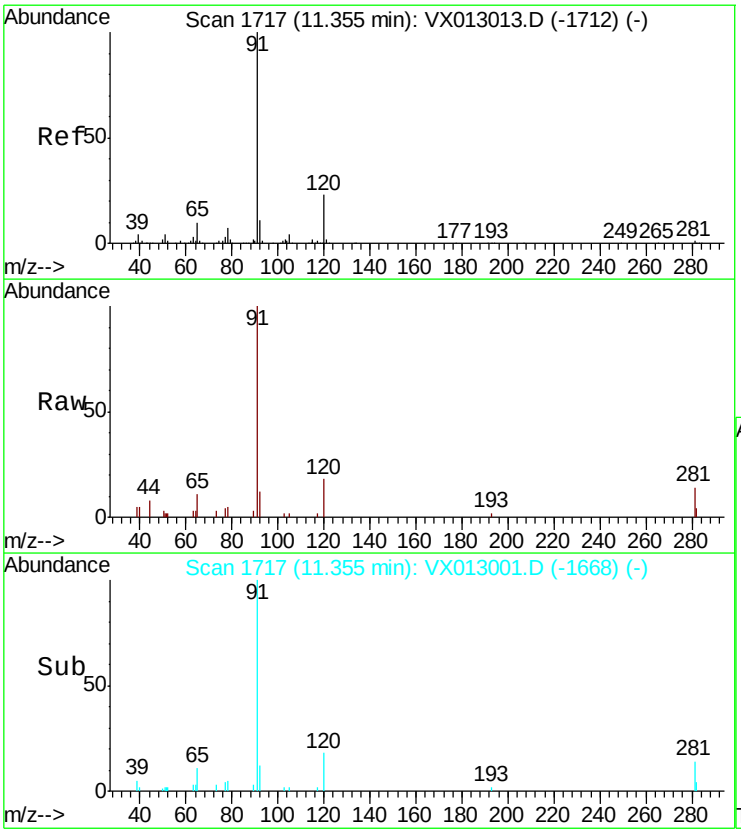
Tgt Ion:156 Resp: 1034

Ion	Ratio	Lower	Upper
156	100		
77	153.2	83.7	251.0
158	92.8	48.6	145.9



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

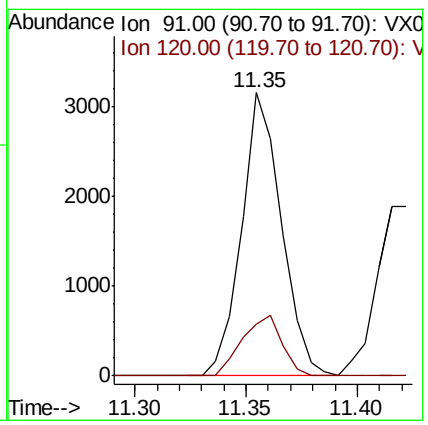
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

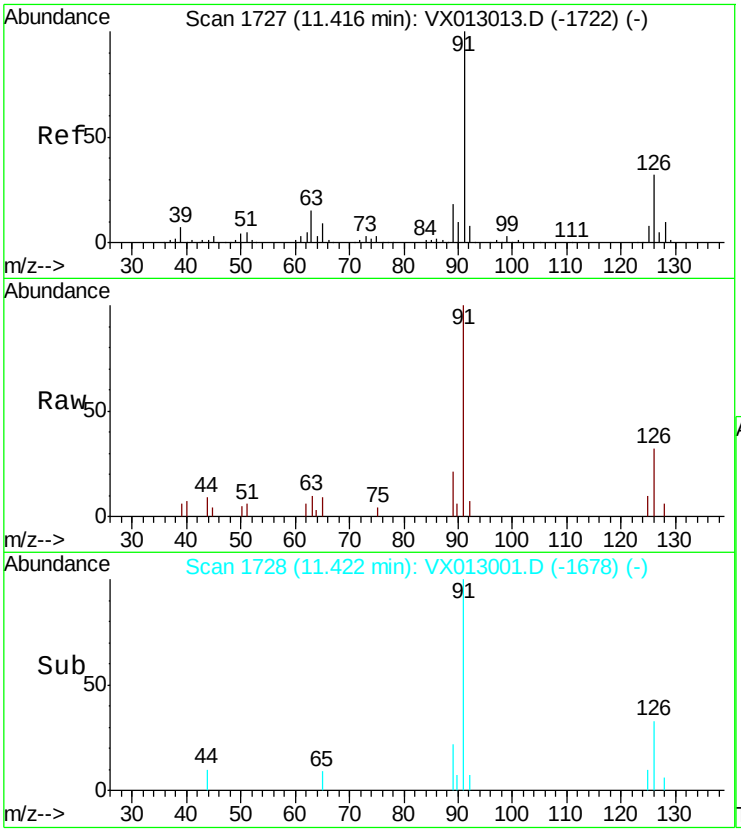


#78
n-propylbenzene
Concen: 0.475 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 91 Resp: 3941

Ion	Ratio	Lower	Upper
91	100		
120	21.1	11.7	35.1





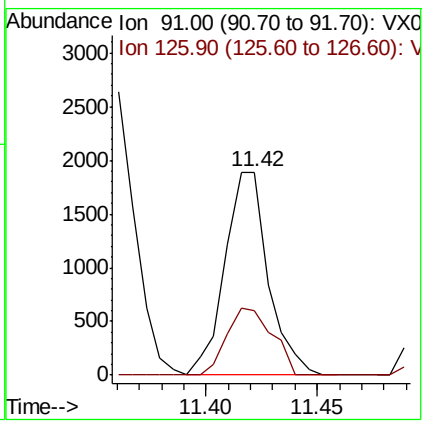
#79
2-Chlorotoluene
Concen: 0.492 ug/l
RT: 11.42 min Scan# 1728
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

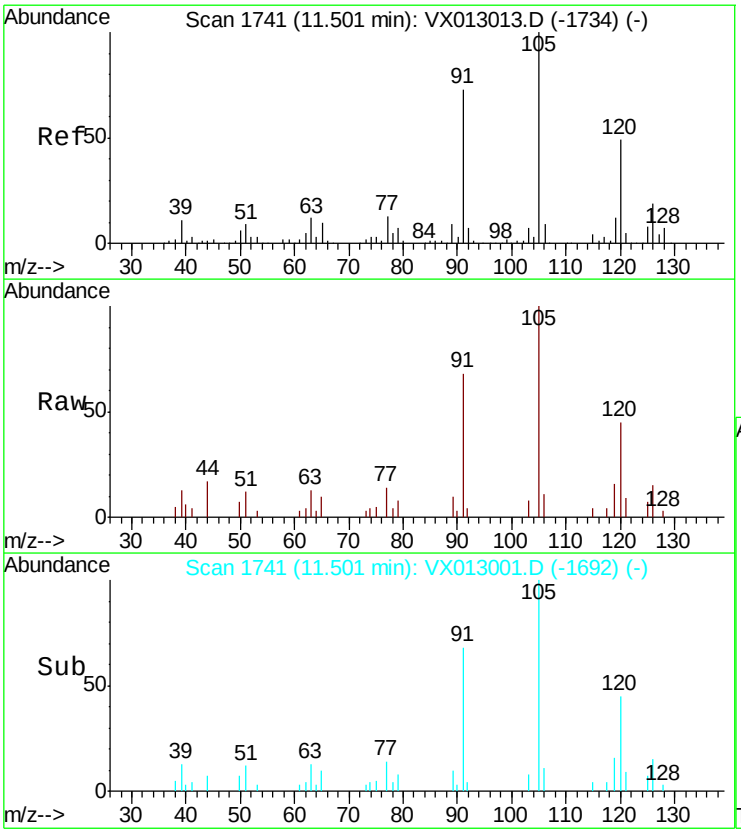
Tgt Ion: 91 Resp: 2568

Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.3	48.8

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

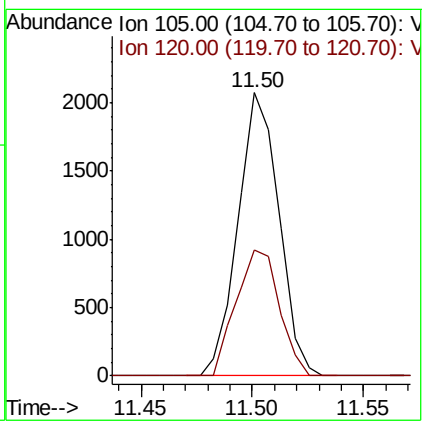


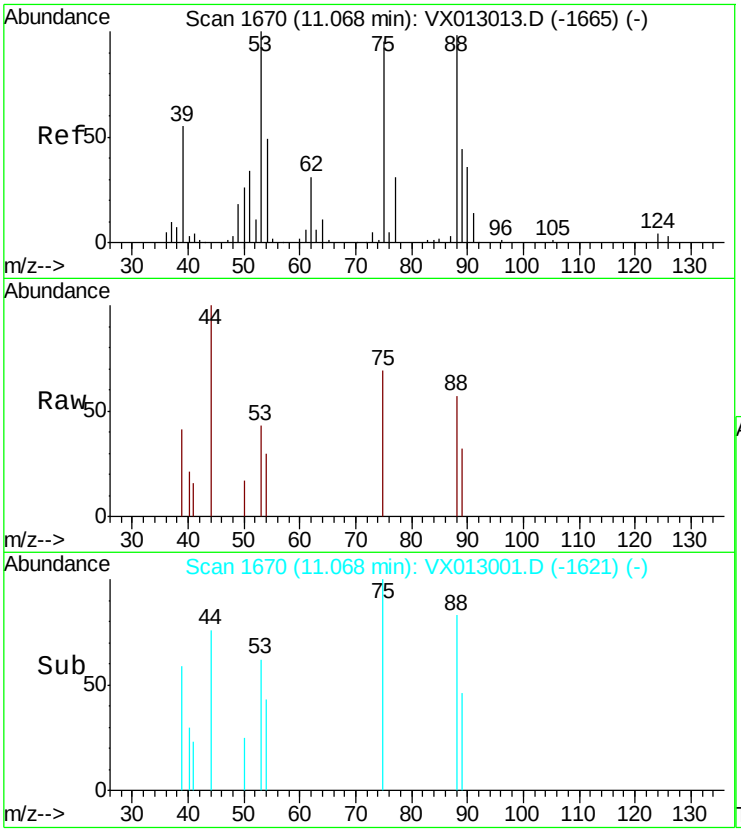


#80
1,3,5-Trimethylbenzene
Concen: 0.422 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:105 Resp: 2662

Ion	Ratio	Lower	Upper
105	100		
120	46.8	24.8	74.3





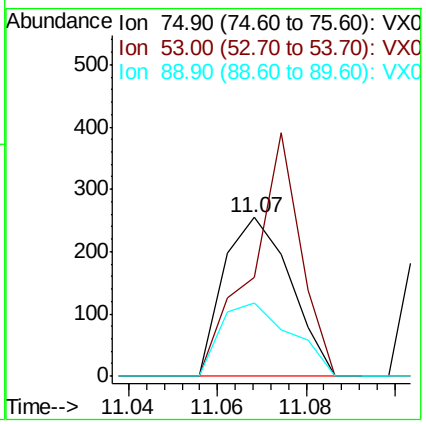
#81
trans-1,4-Dichloro-2-butene
Concen: 0.331 ug/l m
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

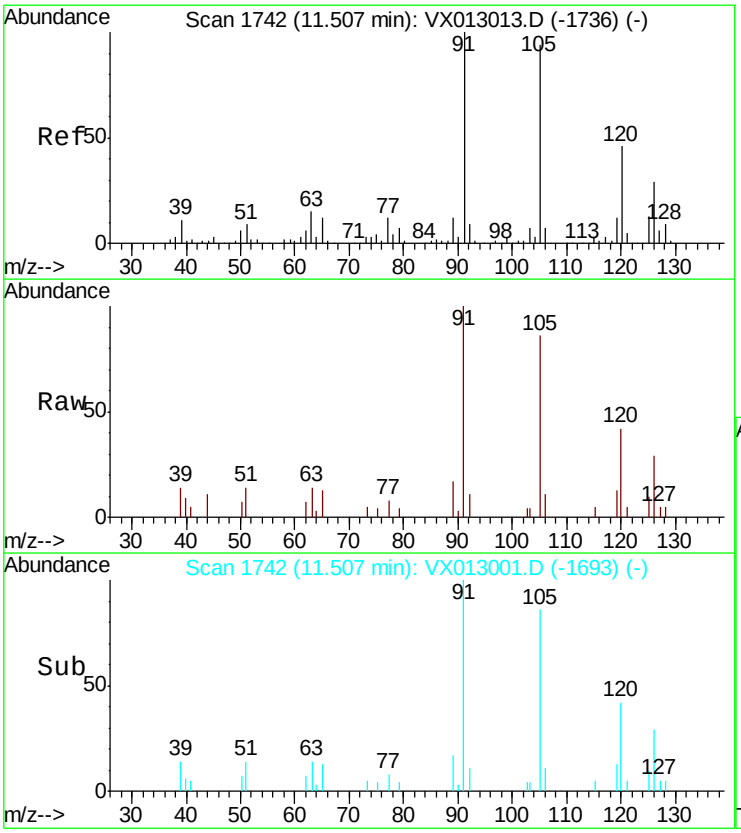
Tgt Ion: 75 Resp: 266

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.5	117.7#
89	9.8	37.4	56.2#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

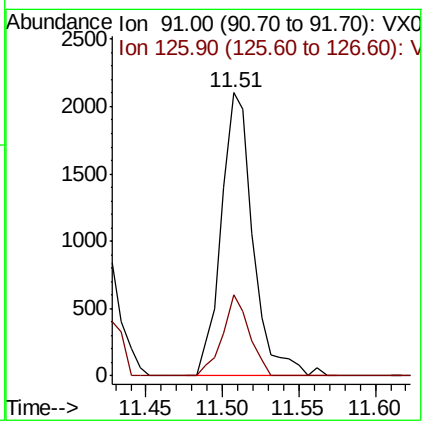


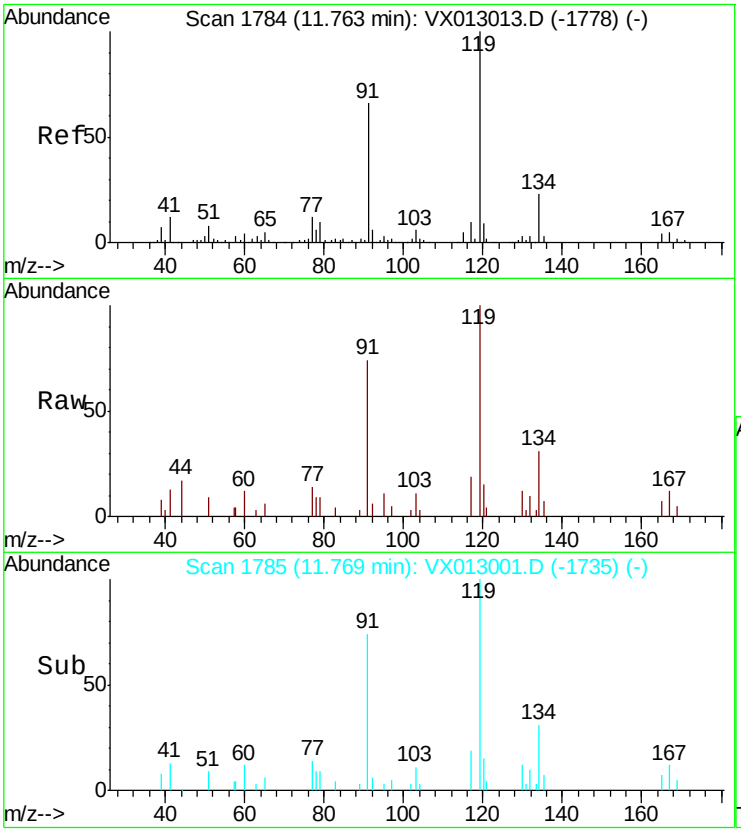


#82
4-Chlorotoluene
Concen: 0.506 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 91 Resp: 3028

Ion	Ratio	Lower	Upper
91	100		
126	24.1	14.2	42.6

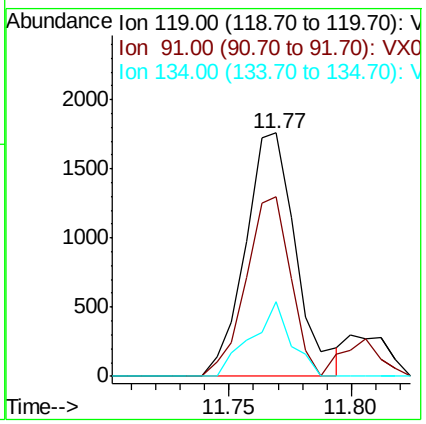




#83
tert-Butylbenzene
Concen: 0.414 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

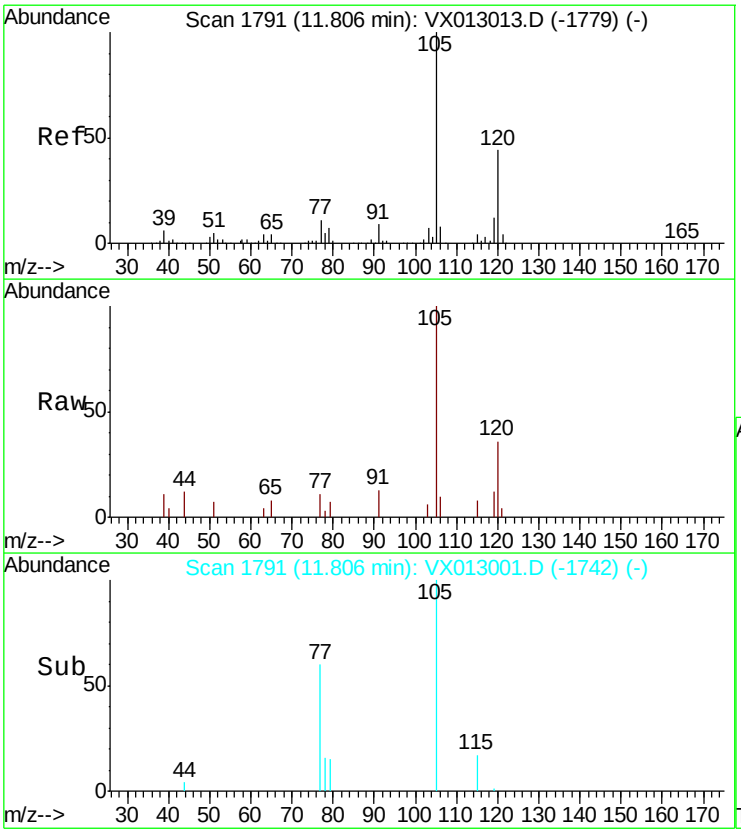
Tgt Ion:119 Resp: 2542

Ion	Ratio	Lower	Upper
119	100		
91	64.7	29.3	87.9
134	24.1	11.5	34.4



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

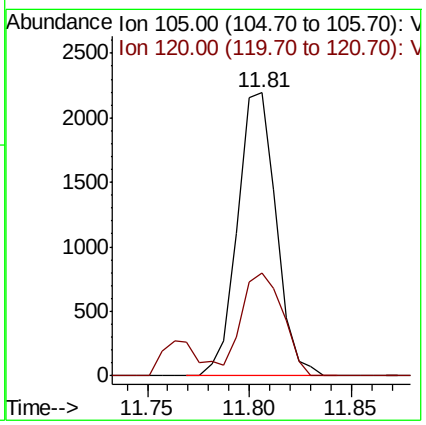
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

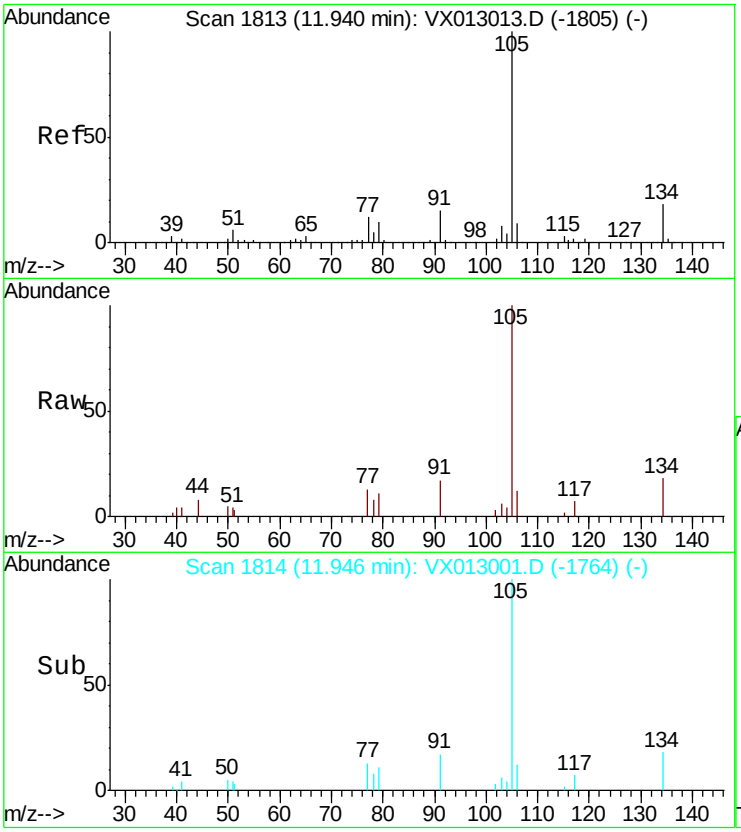


#84
1,2,4-Trimethylbenzene
Concen: 0.453 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:105 Resp: 2888

Ion	Ratio	Lower	Upper
105	100		
120	38.6	21.8	65.3





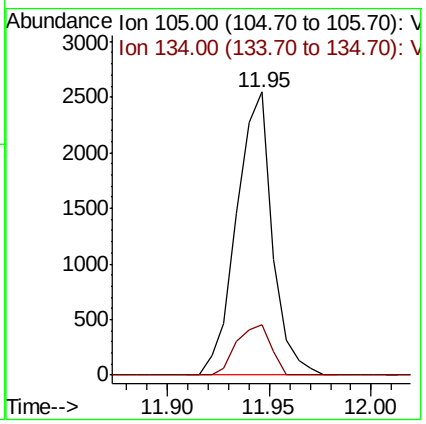
#85
sec-Butylbenzene
Concen: 0.436 ug/l
RT: 11.95 min Scan# 1814
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

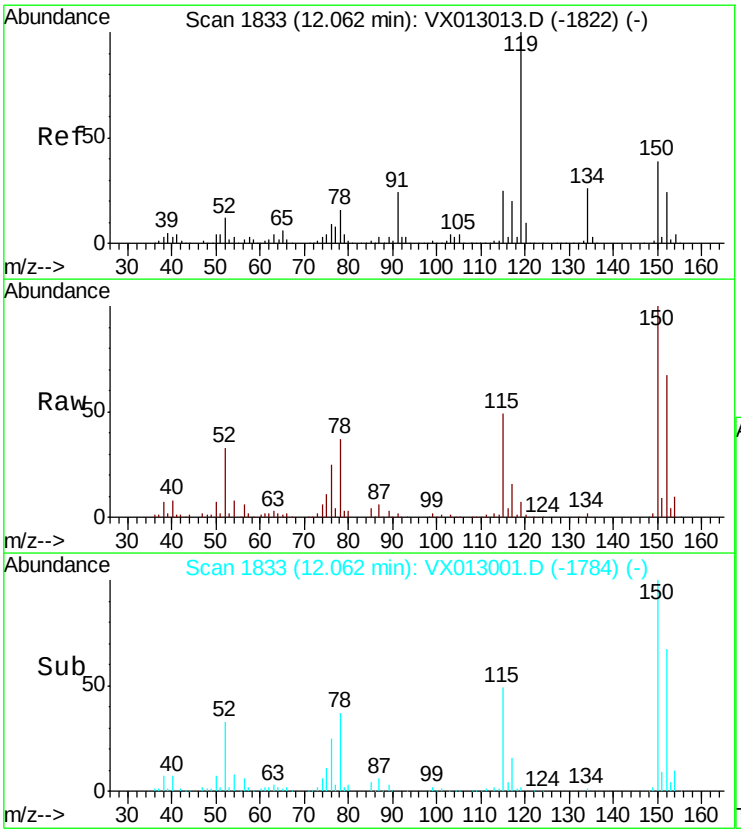
Tgt Ion:105 Resp: 3102

Ion	Ratio	Lower	Upper
105	100		
134	17.0	10.0	30.0

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

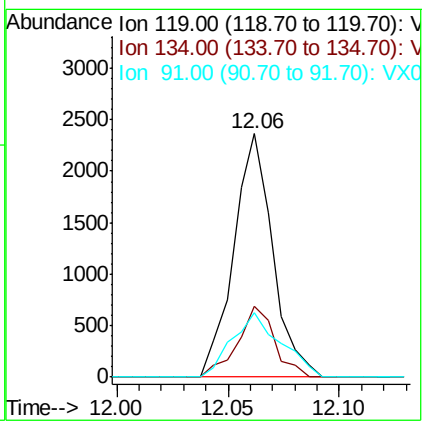


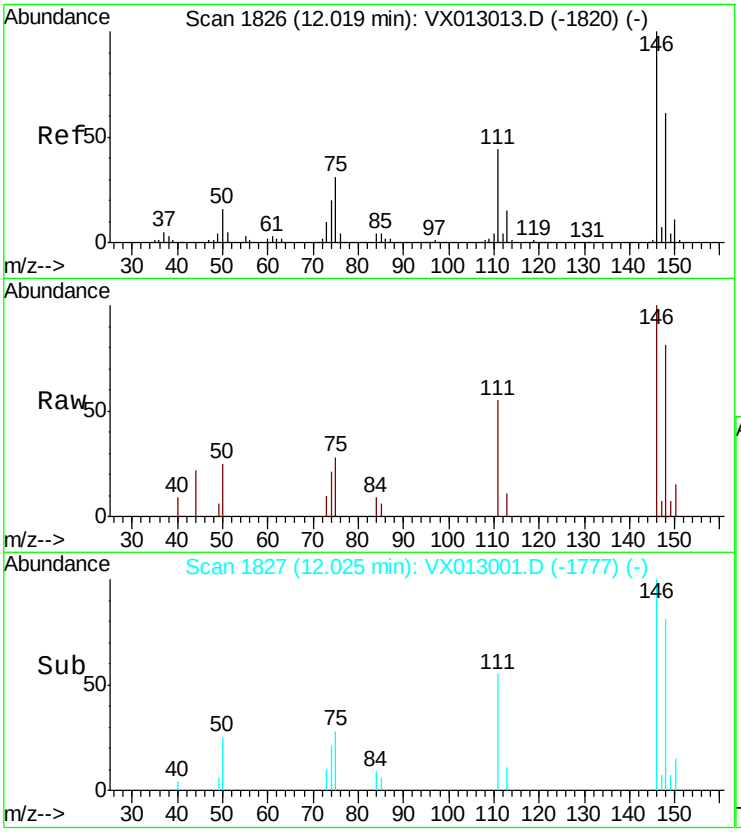


#86
p-Isopropyltoluene
Concen: 0.436 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:119 Resp: 2880

Ion	Ratio	Lower	Upper
119	100		
134	27.8	12.6	37.8
91	33.1	12.4	37.4

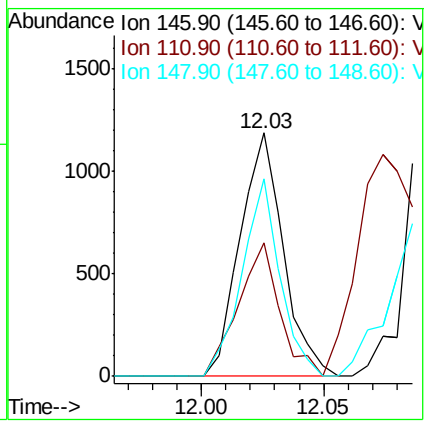




#87
1,3-Dichlorobenzene
Concen: 0.443 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

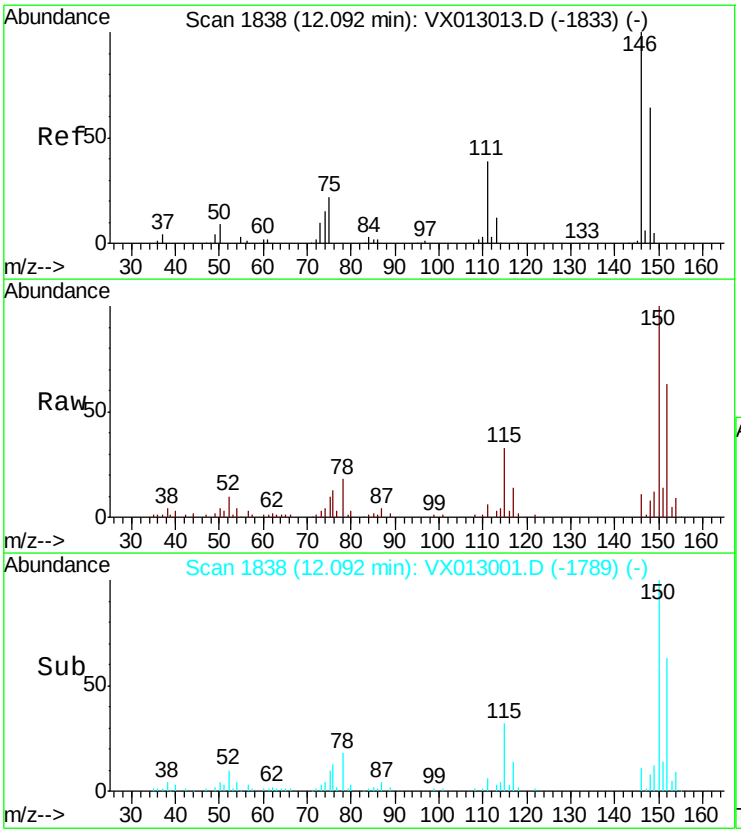
Tgt Ion:146 Resp: 1462

Ion	Ratio	Lower	Upper
146	100		
111	52.5	21.1	63.4
148	71.4	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

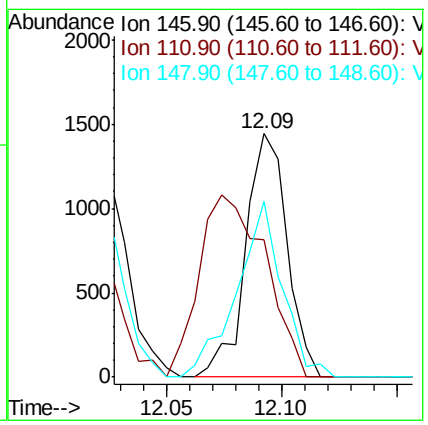
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

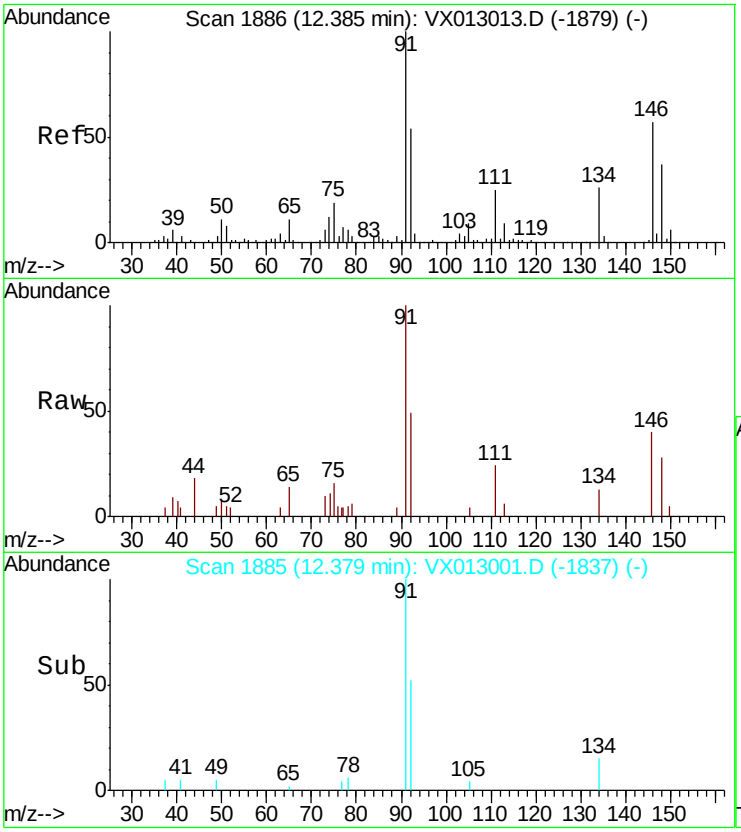


#88
1,4-Dichlorobenzene
Concen: 0.538 ug/l m
RT: 12.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:146 Resp: 1799

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.4	64.3
148	58.0	32.1	96.5

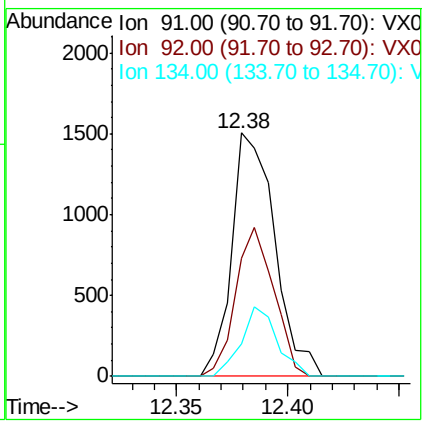




#89
n-Butylbenzene
Concen: 0.366 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

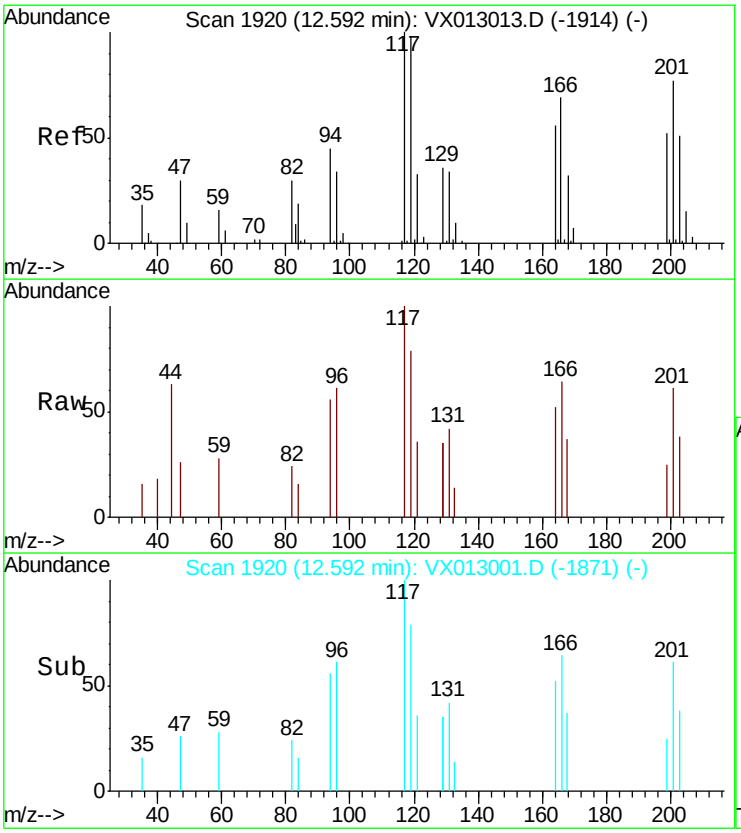
Tgt Ion: 91 Resp: 2032

Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.5
134	24.0	12.9	38.7



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

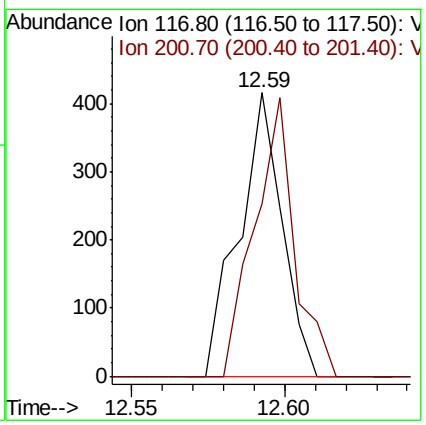
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

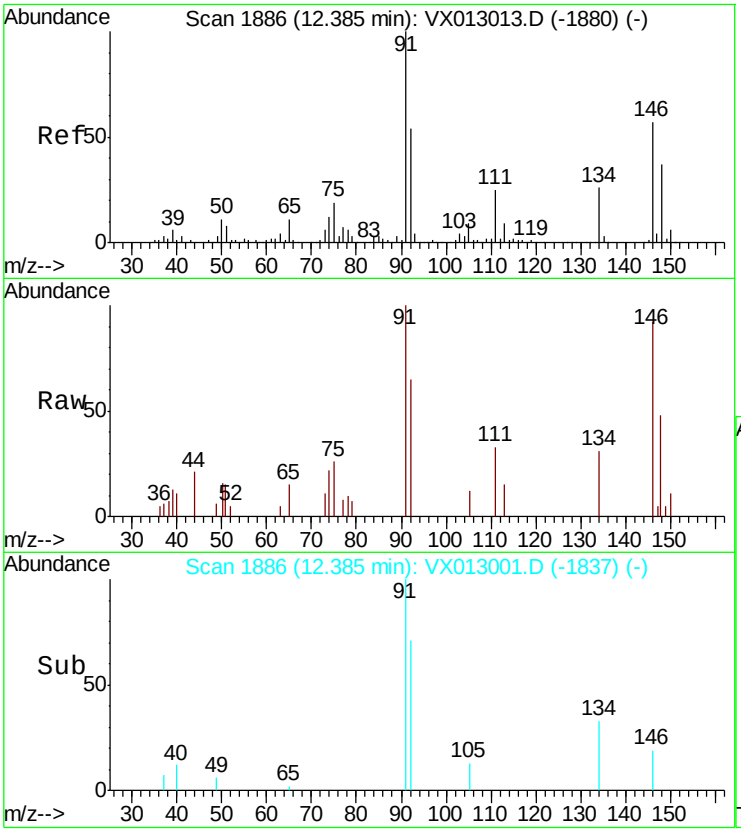


#90
Hexachloroethane
Concen: 0.381 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:117 Resp: 408

Ion	Ratio	Lower	Upper
117	100		
201	90.9	36.9	110.7





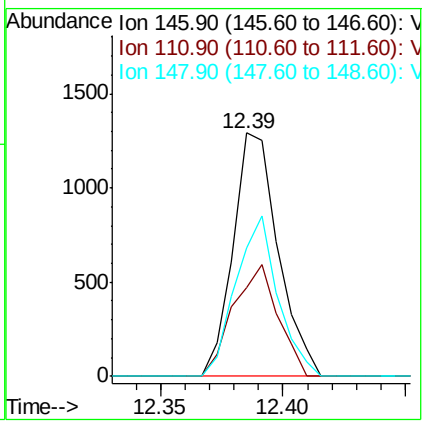
#91
1,2-Dichlorobenzene
Concen: 0.511 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

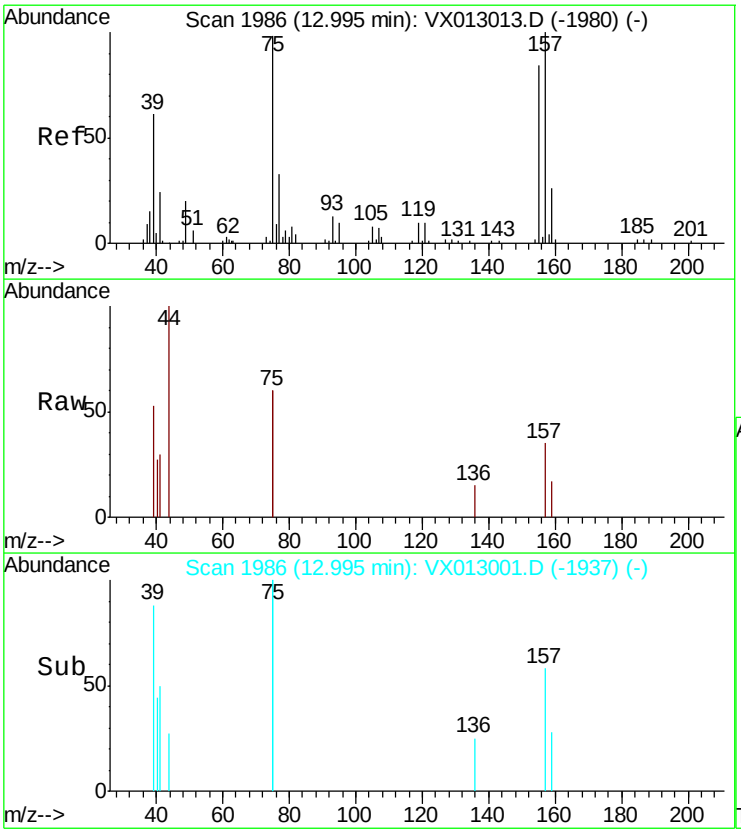
Tgt Ion:146 Resp: 1656

Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.7	68.0
148	61.4	31.6	94.7

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

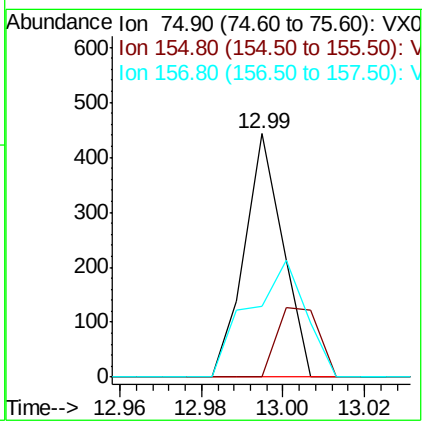


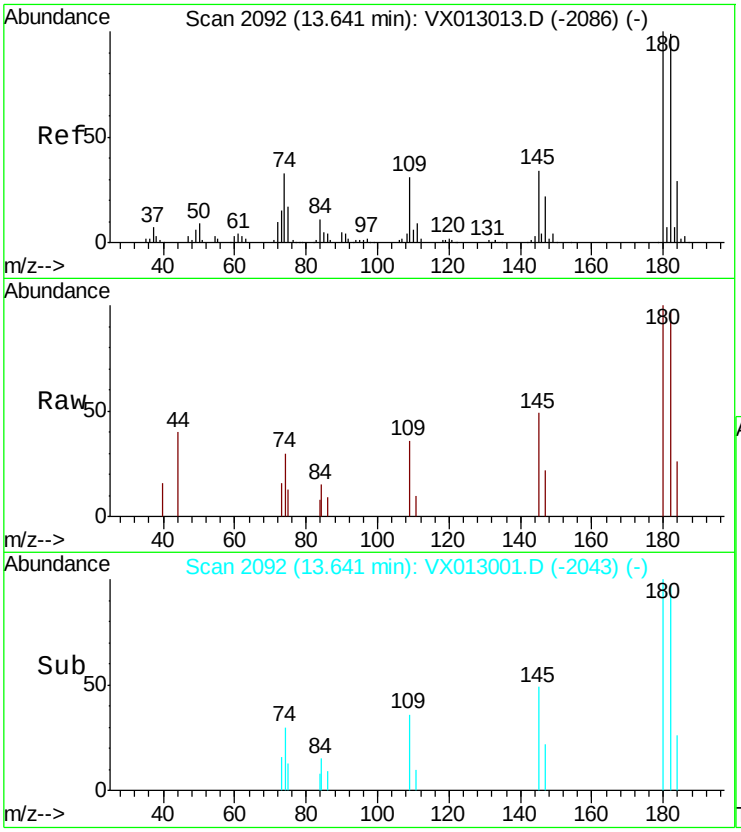


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.493 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion: 75 Resp: 290

Ion	Ratio	Lower	Upper
75	100		
155	31.4	43.0	128.8#
157	71.0	54.1	162.3

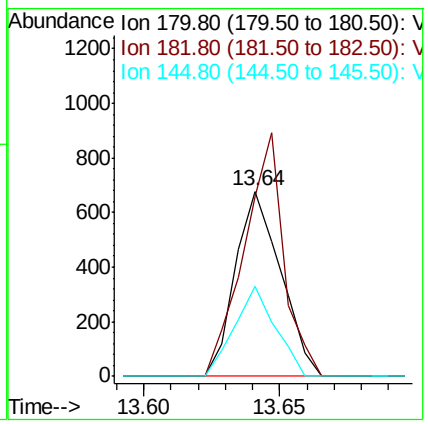




#93
1,2,4-Trichlorobenzene
Concen: 0.387 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

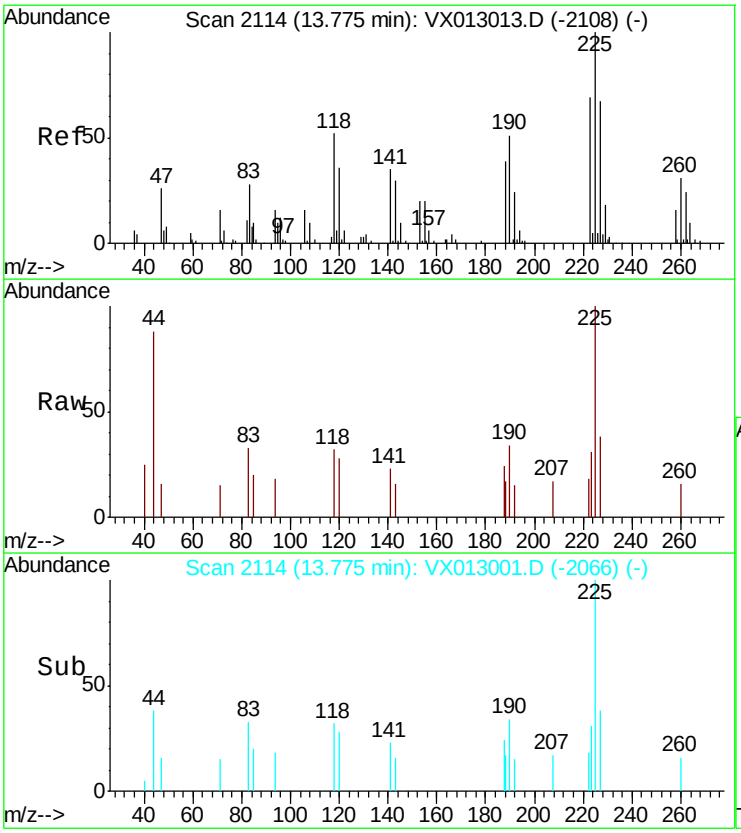
Tgt Ion:180 Resp: 784

Ion	Ratio	Lower	Upper
180	100		
182	114.7	46.8	140.4
145	43.9	16.2	48.6



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

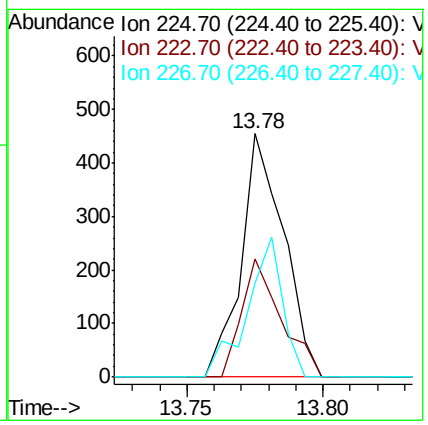
Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM

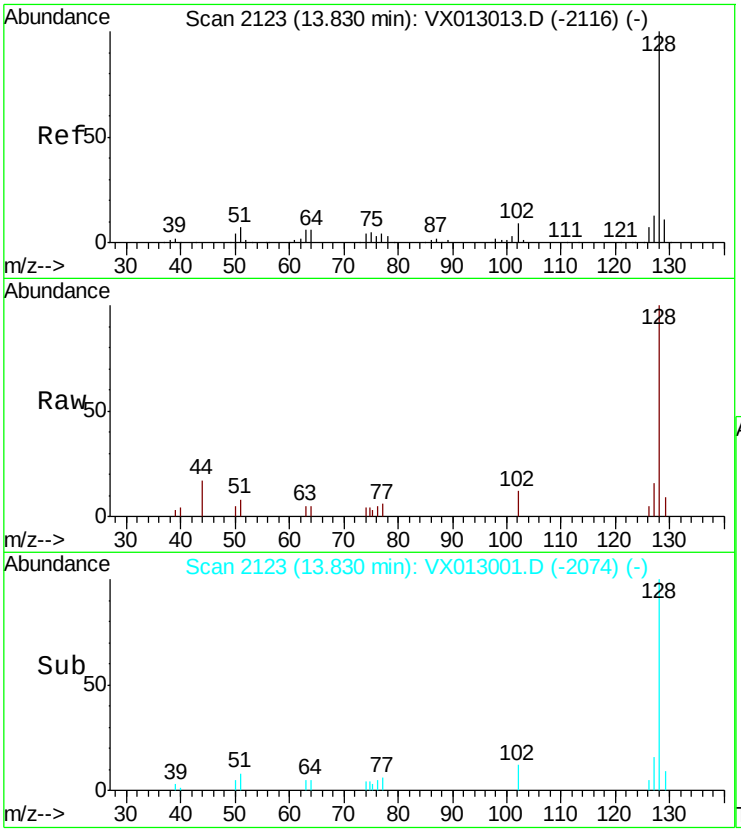


#94
Hexachlorobutadiene
Concen: 0.525 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:225 Resp: 491

Ion	Ratio	Lower	Upper
225	100		
223	45.0	31.1	93.2
227	47.7	32.3	96.9

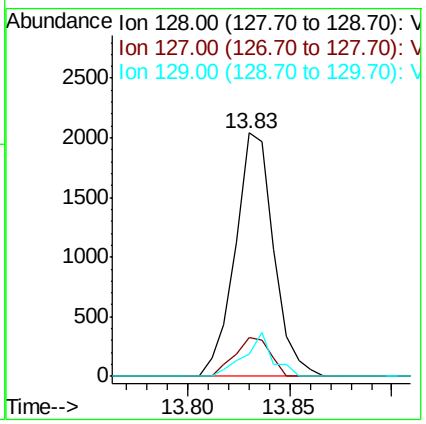




#95
Naphthalene
Concen: 0.381 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

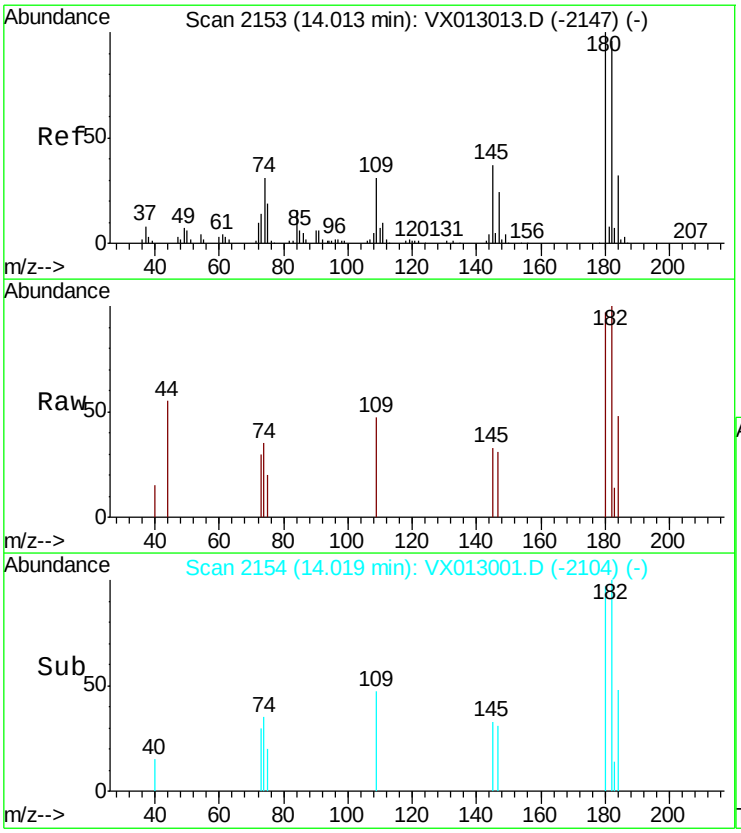
Tgt Ion:128 Resp: 2682

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.4
129	13.0	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 0.354 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013001.D
Acq: 10 Oct 2019 17:17

Tgt Ion:180 Resp: 741

Ion	Ratio	Lower	Upper
180	100		
182	108.8	47.5	142.5
145	40.8	17.4	52.3