Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062409.D
Acq On : 8 Jul 2020 15:49
Operator : JC/MD
Sample : L3216-07 2.5PPB LOD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations
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MMDadoda
7/9/2020 10:55:06 AM

Quant Time: Jul 09 04:08:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 09 03:29:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	188064	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	329425	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.38	117	296615	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	114650	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	7.99	65	143720	49.68 ug/l	0.00
Spiked Amount 50.000			Recovery =	99.36%	
35) Dibromofluoromethane	7.55	113	99261	48.75 ug/l	0.00
Spiked Amount 50.000			Recovery =	97.50%	
50) Toluene-d8	10.06	98	386213	48.04 ug/l	0.00
Spiked Amount 50.000			Recovery =	96.08%	
62) 4-Bromofluorobenzene	12.38	95	129027	43.92 ug/l	0.00
Spiked Amount 50.000			Recovery =	87.84%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	5144	2.685 ug/l	99
3) Chloromethane	2.04	50	8289	2.697 ug/l	91
4) Vinyl Chloride	2.16	62	6699	2.660 ug/l	95
5) Bromomethane	2.53	94	4312	3.188 ug/l	95
6) Chloroethane	2.67	64	4271	2.912 ug/l	98
7) Trichlorofluoromethane	2.98	101	8411	2.630 ug/l	97
8) Diethyl Ether	3.37	74	3915	2.738 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	5014	2.645 ug/l #	68
10) Methyl Iodide	3.91	142	4871	1.946 ug/l	96
11) Tert butyl alcohol	4.74	59	7073m	14.740 ug/l	
12) 1,1-Dichloroethene	3.70	96	5343	2.768 ug/l	94
13) Acrolein	3.57	56	4676	13.509 ug/l	100
14) Allyl chloride	4.28	41	11545	2.543 ug/l	96
15) Acrylonitrile	4.94	53	16100	12.793 ug/l	98
16) Acetone	3.78	43	15416	12.553 ug/l	100
17) Carbon Disulfide	4.01	76	17365	2.871 ug/l	97
18) Methyl Acetate	4.28	43	8353	2.725 ug/l	95
19) Methyl tert-butyl Ether	5.00	73	19290	2.636 ug/l	98
20) Methylene Chloride	4.51	84	7206	2.744 ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	5631	2.693 ug/l	87
22) Diisopropyl ether	5.90	45	23811	2.655 ug/l #	87
23) Vinyl Acetate	5.85	43	92683	12.474 ug/l	99
24) 1,1-Dichloroethane	5.80	63	12317	2.658 ug/l	98
25) 2-Butanone	6.79	43	22859	12.745 ug/l	97
26) 2,2-Dichloropropane	6.77	77	9616	2.706 ug/l	93
27) cis-1,2-Dichloroethene	6.78	96	6210	2.564 ug/l	94
28) Bromochloromethane	7.15	49	5927	2.354 ug/l #	72
29) Tetrahydrofuran	7.17	42	15718	13.017 ug/l	97
30) Chloroform	7.33	83	11484	2.744 ug/l	95
31) Cyclohexane	7.62	56	15135	3.445 ug/l #	70
32) 1,1,1-Trichloroethane	7.53	97	9018	2.591 ug/l	99
36) 1,1-Dichloropropene	7.75	75	8502	2.562 ug/l	97
37) Ethyl Acetate	6.89	43	9312	2.399 ug/l #	87
38) Carbon Tetrachloride	7.73	117	7615	2.552 ug/l	95

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ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 09 04:08:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 09 03:29:32 2020
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.05	83	8726	2.463 ug/l		98
40) Benzene	8.00	78	26302	2.689 ug/l		99
41) Methacrylonitrile	7.12	41	2743	1.692 ug/l	#	57
42) 1,2-Dichloroethane	8.09	62	10065	2.810 ug/l		98
43) Isopropyl Acetate	8.13	43	16322	2.662 ug/l		98
44) Trichloroethene	8.80	130	5885	2.712 ug/l		97
45) 1,2-Dichloropropane	9.09	63	7664	2.699 ug/l		96
46) Dibromomethane	9.18	93	4344	2.711 ug/l		92
47) Bromodichloromethane	9.37	83	8473	2.473 ug/l	#	88
48) Methyl methacrylate	9.17	41	7509	2.497 ug/l		96
49) 1,4-Dioxane	9.17	88	2045	46.720 ug/l	#	87
51) 4-Methyl-2-Pentanone	9.95	43	45570	12.445 ug/l		99
52) Toluene	10.13	92	14896	2.636 ug/l		97
53) t-1,3-Dichloropropene	10.36	75	9283	2.419 ug/l		99
54) cis-1,3-Dichloropropene	9.81	75	10342	2.442 ug/l		97
55) 1,1,2-Trichloroethane	10.54	97	6139	2.763 ug/l		91
56) Ethyl methacrylate	10.40	69	8442	2.273 ug/l		91
57) 1,3-Dichloropropane	10.68	76	10649	2.594 ug/l		100
58) 2-Chloroethyl Vinyl ether	9.66	63	12832	9.734 ug/l		99
59) 2-Hexanone	10.72	43	31706	11.927 ug/l		95
60) Dibromochloromethane	10.88	129	5817	2.414 ug/l		99
61) 1,2-Dibromoethane	10.98	107	6056	2.700 ug/l		92
64) Tetrachloroethene	10.60	164	4822	2.740 ug/l		94
65) Chlorobenzene	11.41	112	15504	2.689 ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.48	131	5296	2.491 ug/l		92
67) Ethyl Benzene	11.48	91	27127	2.507 ug/l		95
68) m/p-Xylenes	11.60	106	19194	5.011 ug/l		97
69) o-Xylene	11.92	106	9130	2.448 ug/l		96
70) Styrene	11.94	104	14196	2.303 ug/l		97
71) Bromoform	12.10	173	3785	2.429 ug/l	#	92
73) Isopropylbenzene	12.22	105	24561	2.768 ug/l		100
74) N-amyl acetate	12.05	43	10186	2.359 ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.48	83	9162	3.071 ug/l		96
76) 1,2,3-Trichloropropane	12.53	75	8529m	3.032 ug/l		
77) Bromobenzene	12.50	156	5927	2.939 ug/l		92
78) n-propylbenzene	12.57	91	28501	2.750 ug/l		99
79) 2-Chlorotoluene	12.65	91	17541	2.789 ug/l		98
80) 1,3,5-Trimethylbenzene	12.71	105	19443	2.673 ug/l		98
81) trans-1,4-Dichloro-2-buten	12.28	75	2450	2.331 ug/l		95
82) 4-Chlorotoluene	12.75	91	17133	2.683 ug/l		98
83) tert-Butylbenzene	12.97	119	16175	2.621 ug/l		98
84) 1,2,4-Trimethylbenzene	13.02	105	17796	2.462 ug/l		97
85) sec-Butylbenzene	13.15	105	21342	2.609 ug/l		97
86) p-Isopropyltoluene	13.26	119	16949	2.401 ug/l		97
87) 1,3-Dichlorobenzene	13.26	146	9002	2.587 ug/l		99
88) 1,4-Dichlorobenzene	13.34	146	8961	2.503 ug/l		83
89) n-Butylbenzene	13.59	91	14693	2.357 ug/l		95
90) Hexachloroethane	13.85	117	3722	2.680 ug/l		99
91) 1,2-Dichlorobenzene	13.63	146	9323	2.771 ug/l		94
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1468	2.697 ug/l		84

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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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Quant Time: Jul 09 04:08:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 09 03:29:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	2936	1.936	ug/l	93
94) Hexachlorobutadiene	14.98	225	2694	3.016	ug/l	93
95) Naphthalene	15.11	128	7941	1.857	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	3084	1.955	ug/l	99

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

Quantitation Report   (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
Data File : VN062409.D
Acq On   : 8 Jul 2020 15:49
Operator : JC/MD
Sample   : L3216-07 2.5PPB LOD
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Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
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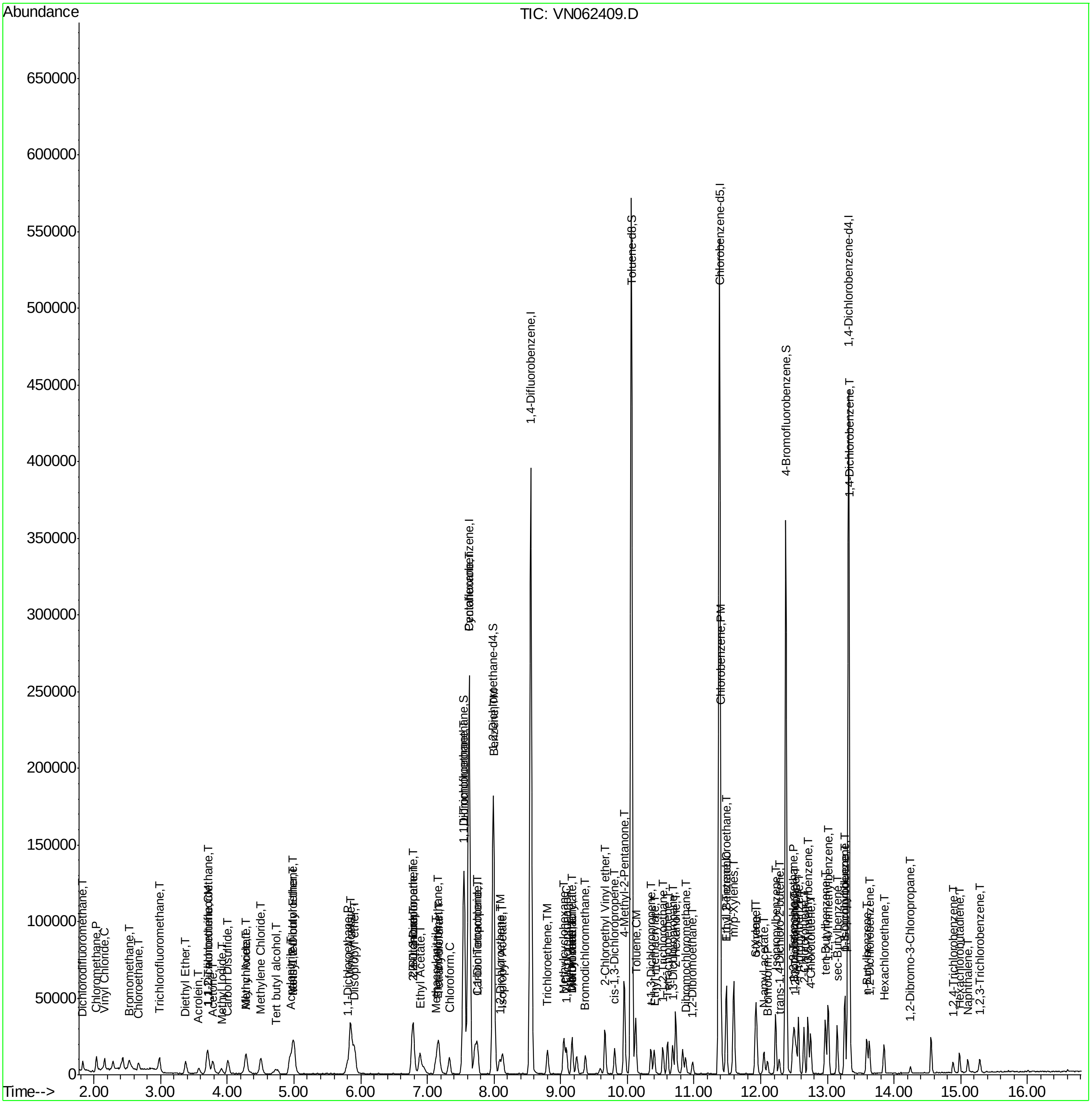

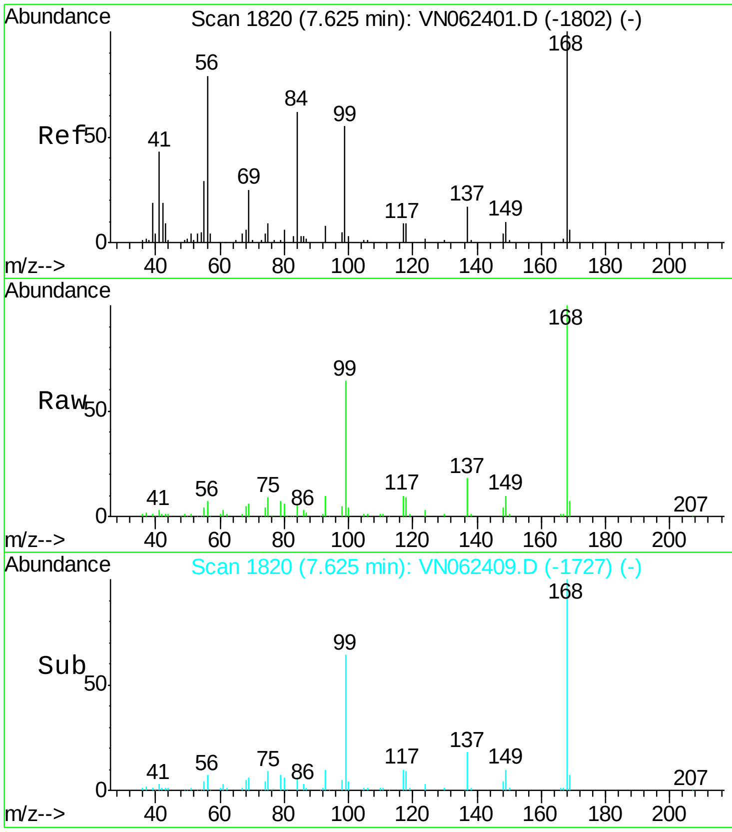

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion:168 Resp: 188064

Ion	Ratio	Lower	Upper
168	100		
99	64.1	48.8	73.2

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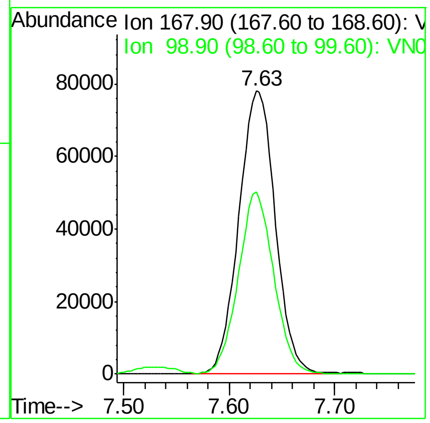
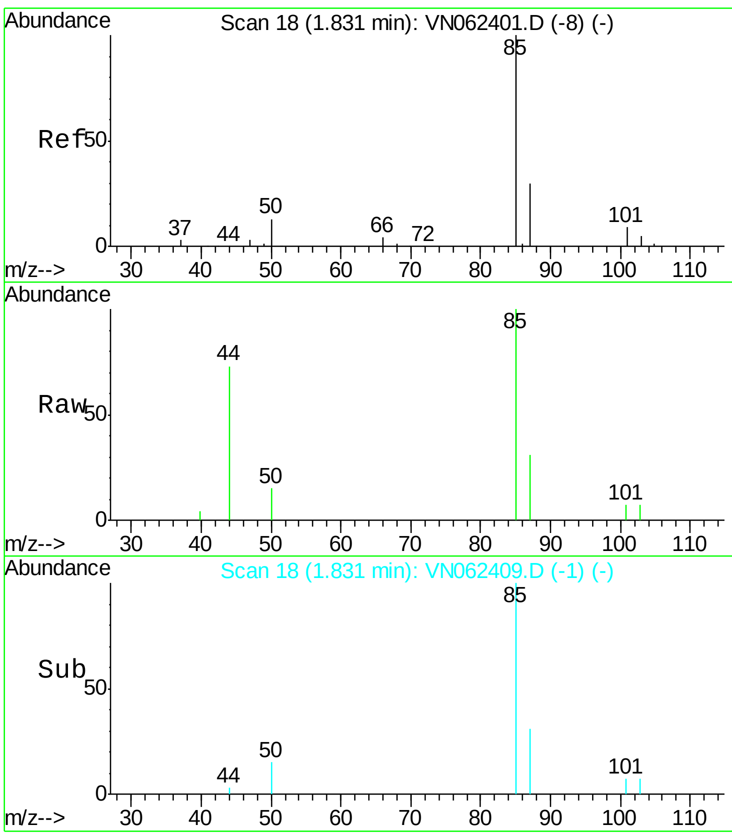
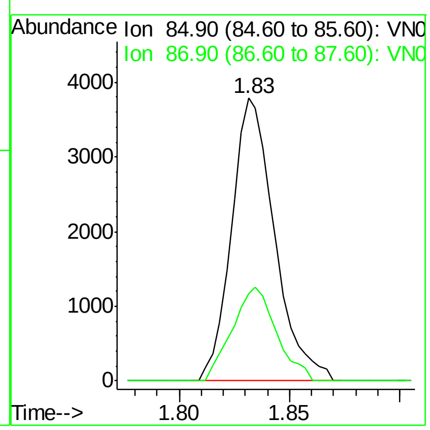


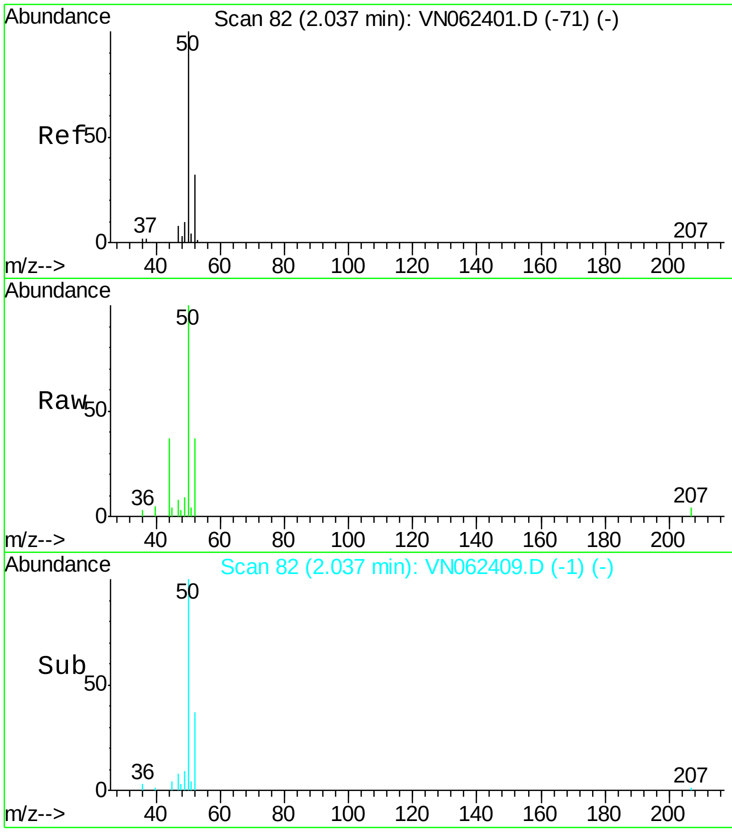


#2
Dichlorodifluoromethane
Concen: 2.685 ug/l
RT: 1.83 min Scan# 18
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 85 Resp: 5144

Ion	Ratio	Lower	Upper
85	100		
87	31.0	15.2	45.5





#3
Chloromethane
Concen: 2.697 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 50 Resp: 8289

Ion	Ratio	Lower	Upper
50	100		
52	36.8	25.5	38.3

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
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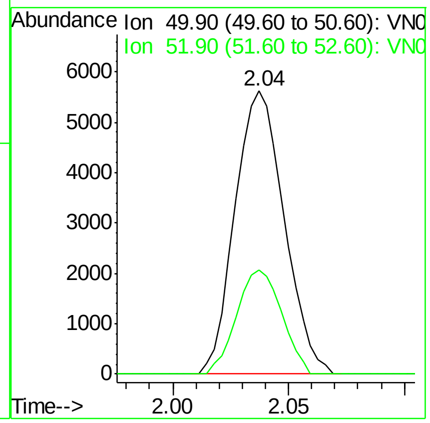
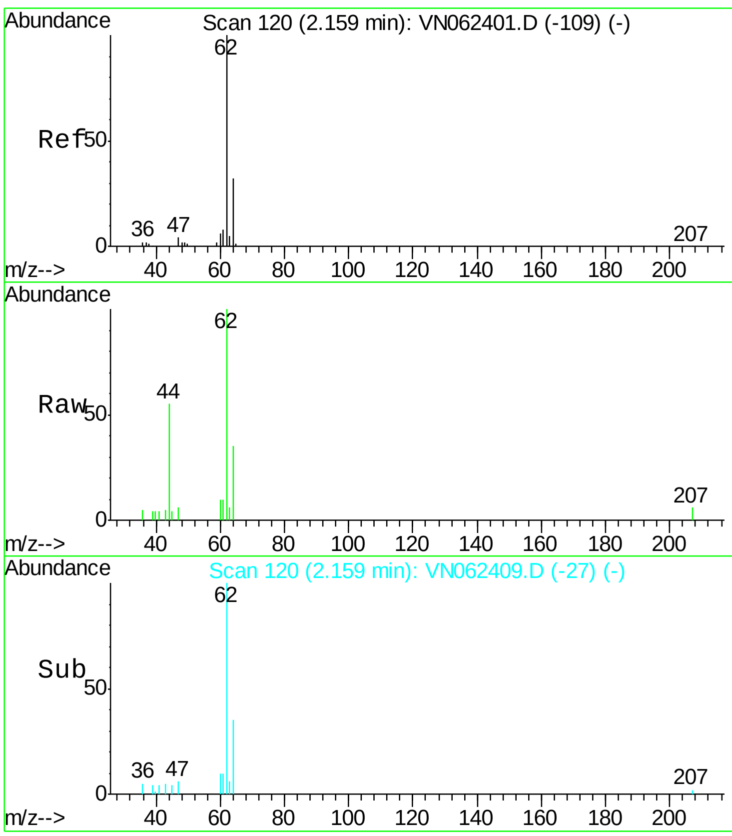
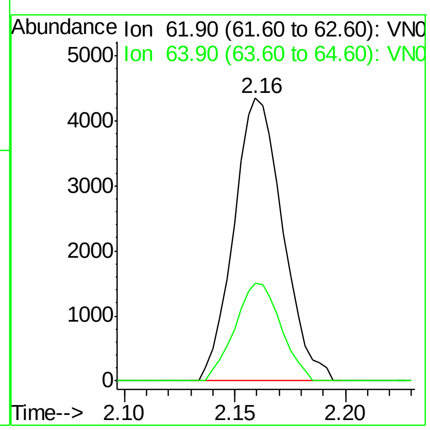


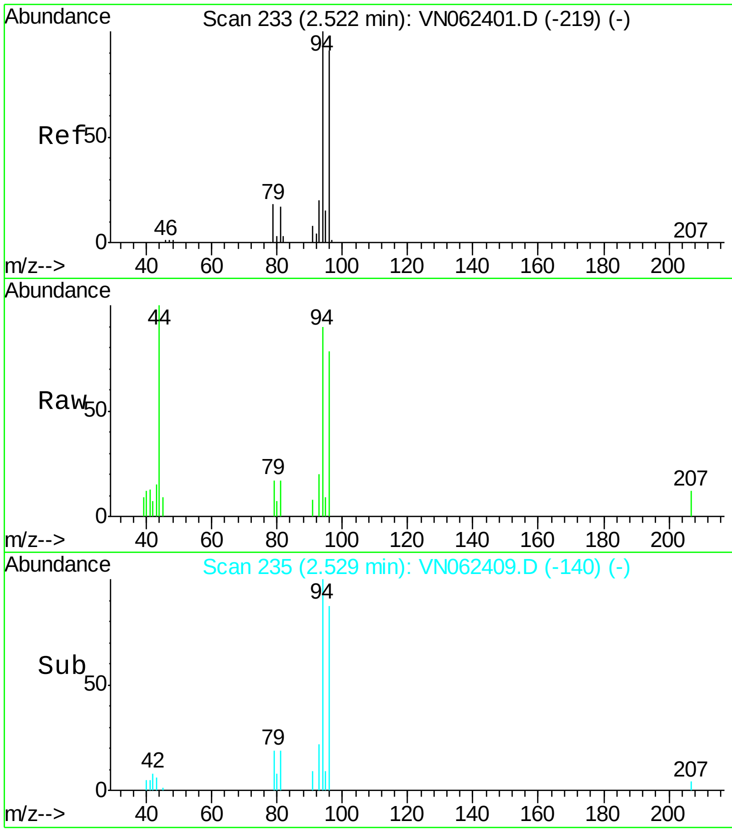


#4
Vinyl Chloride
Concen: 2.660 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 62 Resp: 6699

Ion	Ratio	Lower	Upper
62	100		
64	34.8	25.7	38.5





#5
Bromomethane
Concen: 3.188 ug/l
RT: 2.53 min Scan# 235
Delta R.T. 0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 94 Resp: 4312

Ion	Ratio	Lower	Upper
94	100		
96	86.9	73.2	109.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
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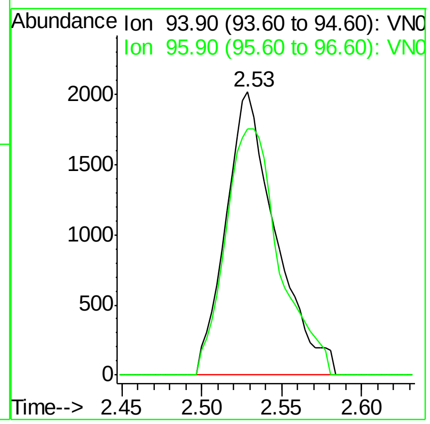
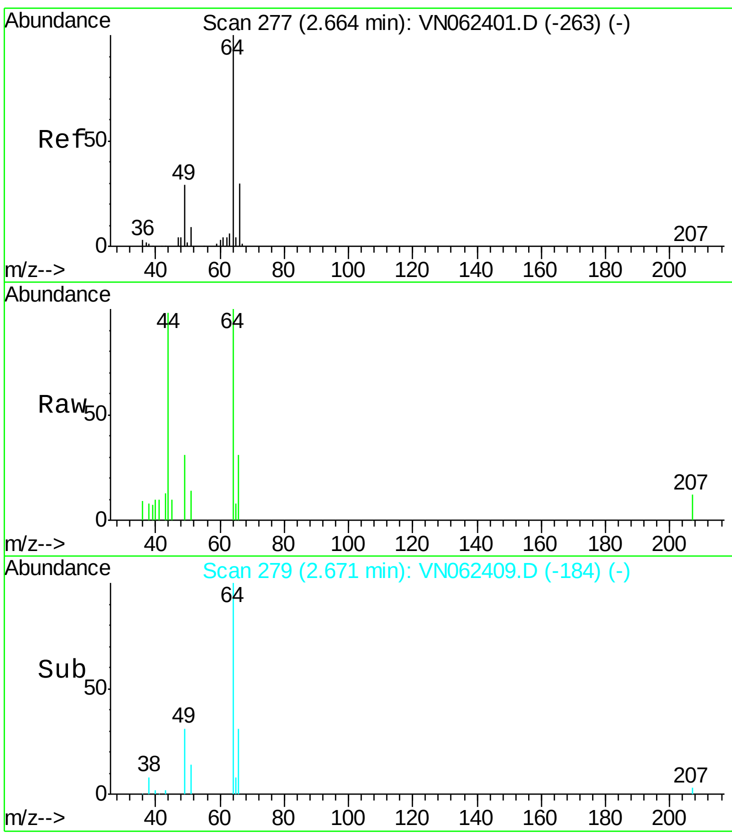
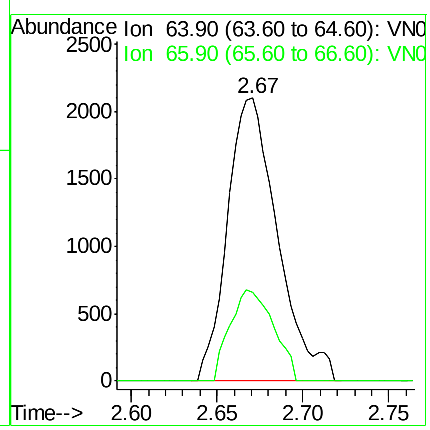


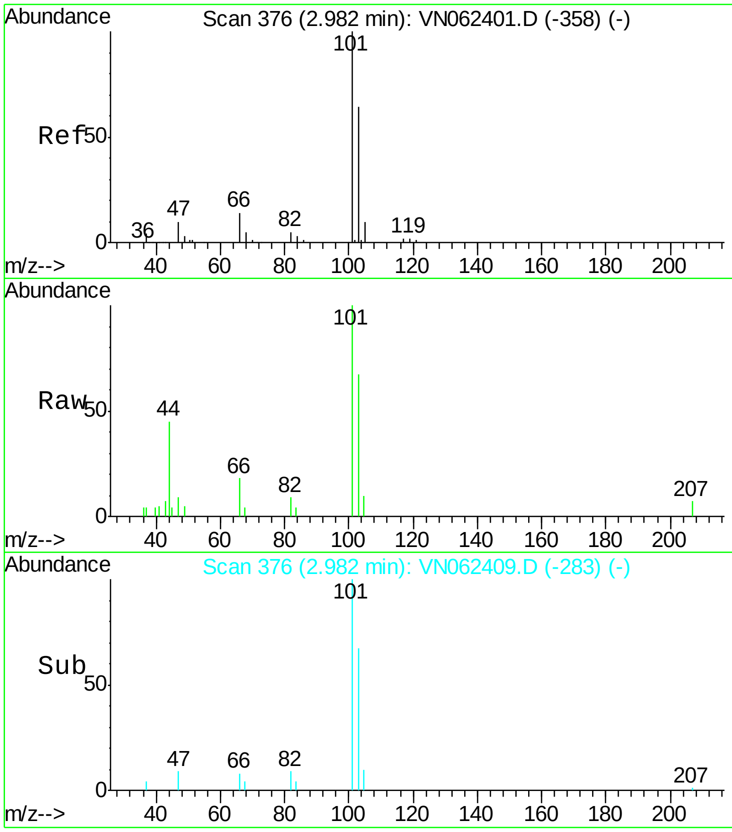


#6
Chloroethane
Concen: 2.912 ug/l
RT: 2.67 min Scan# 279
Delta R.T. 0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 64 Resp: 4271

Ion	Ratio	Lower	Upper
64	100		
66	31.2	24.2	36.2





#7
Trichlorofluoromethane
Concen: 2.630 ug/l
RT: 2.98 min   Scan# 376
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion:101 Resp: 8411

Ion	Ratio	Lower	Upper
101	100		
103	66.6	51.6	77.4

Manual Integrations APPROVED

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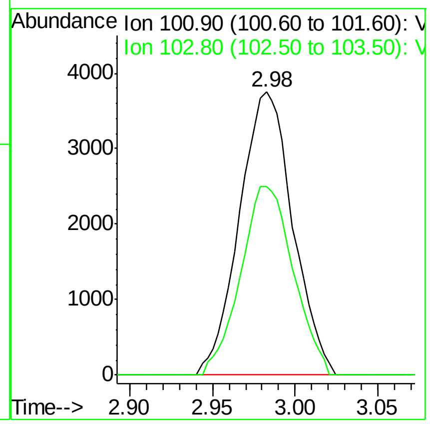
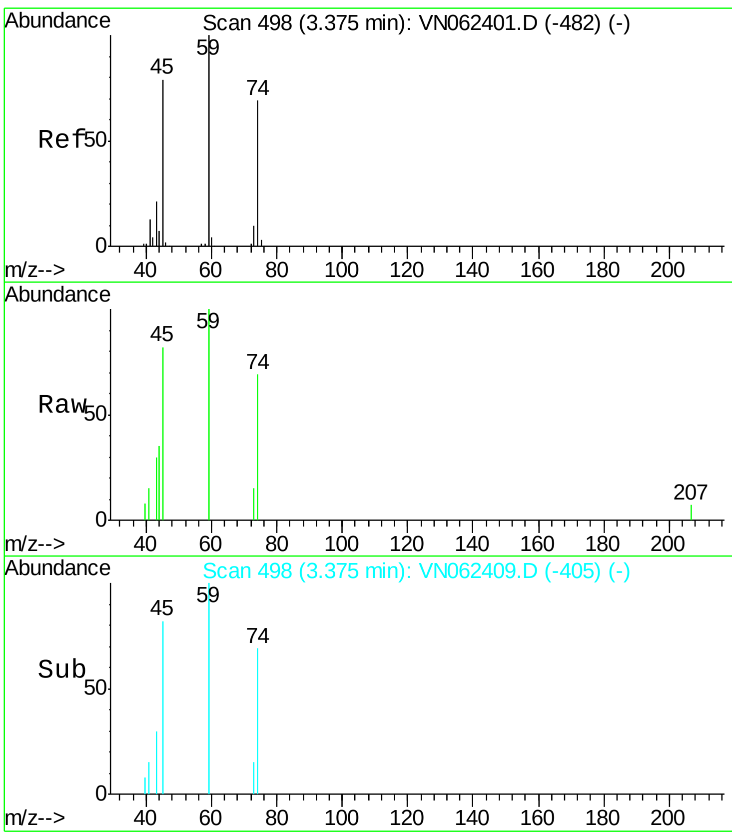
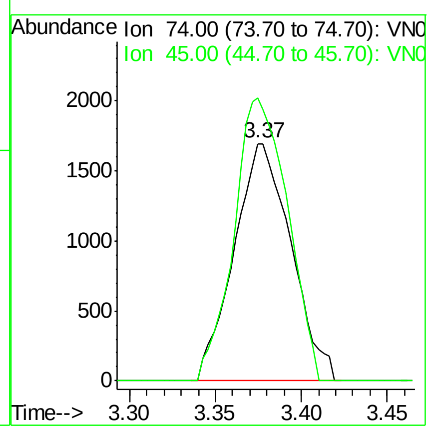


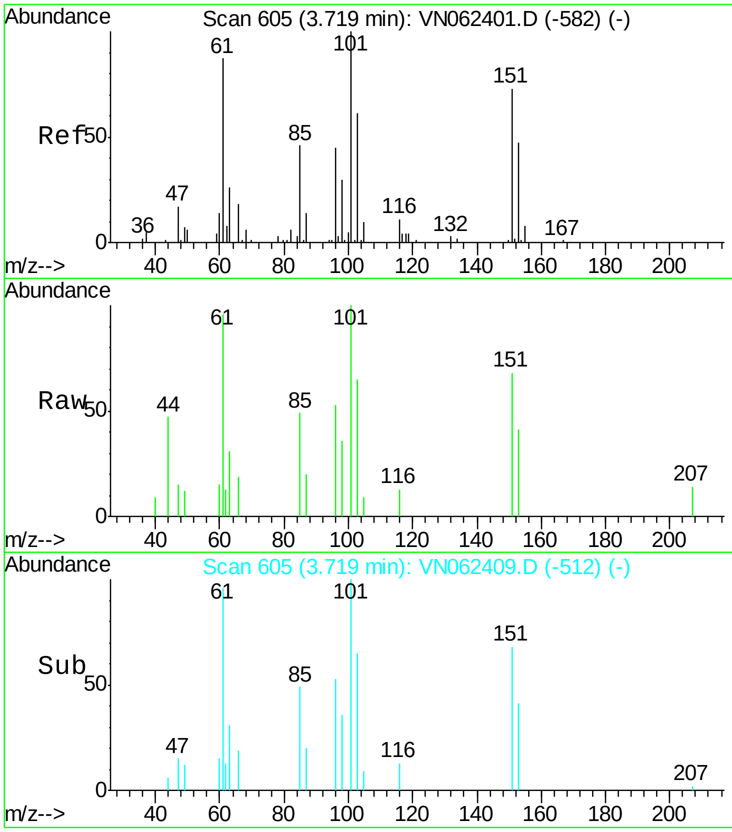


#8
Diethyl Ether
Concen: 2.738 ug/l
RT: 3.37 min   Scan# 498
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 74 Resp: 3915

Ion	Ratio	Lower	Upper
74	100		
45	112.3	58.5	175.3





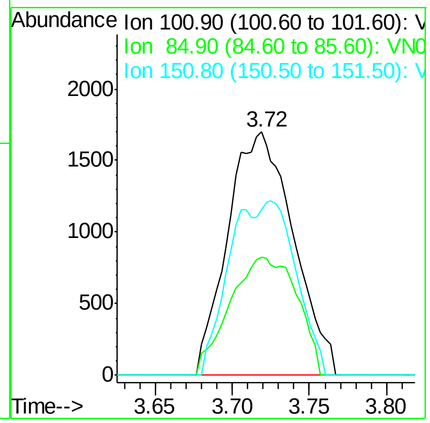
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.645 ug/l
RT: 3.72 min   Scan# 605
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

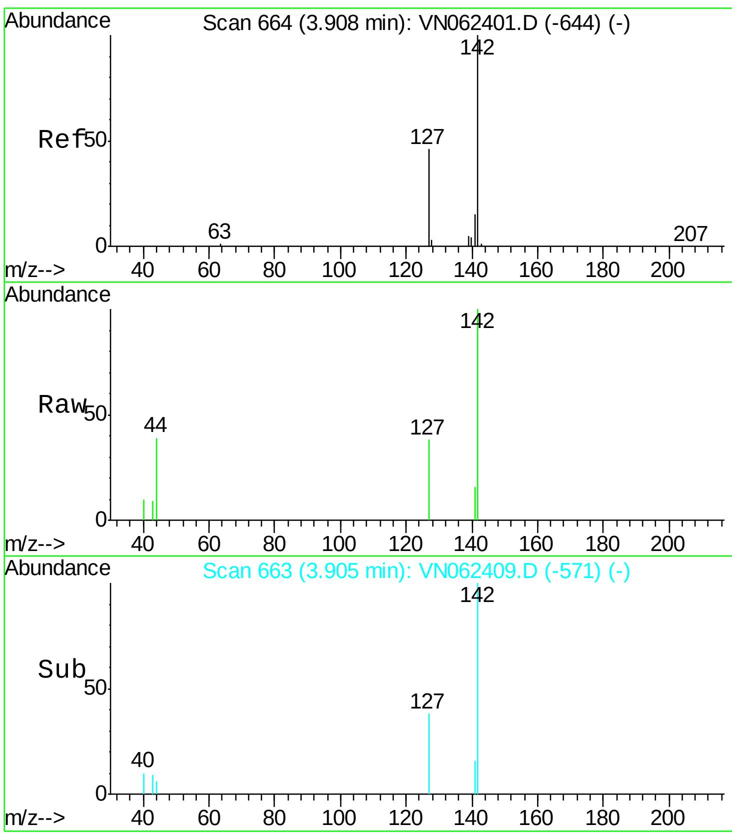
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion:101 Resp: 5014

Ion	Ratio	Lower	Upper
101	100		
85	49.9	36.7	55.1
151	33.0	58.3	87.5#

Manual Integrations APPROVED
MMDadoda
7/9/2020 10:55:06 AM

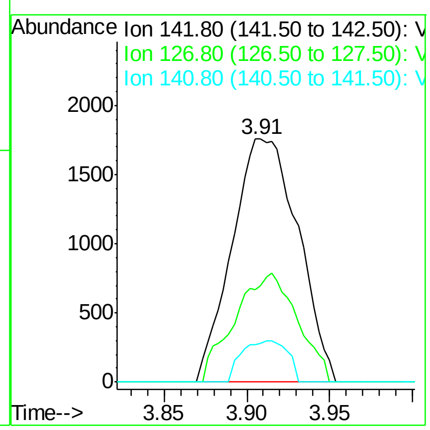


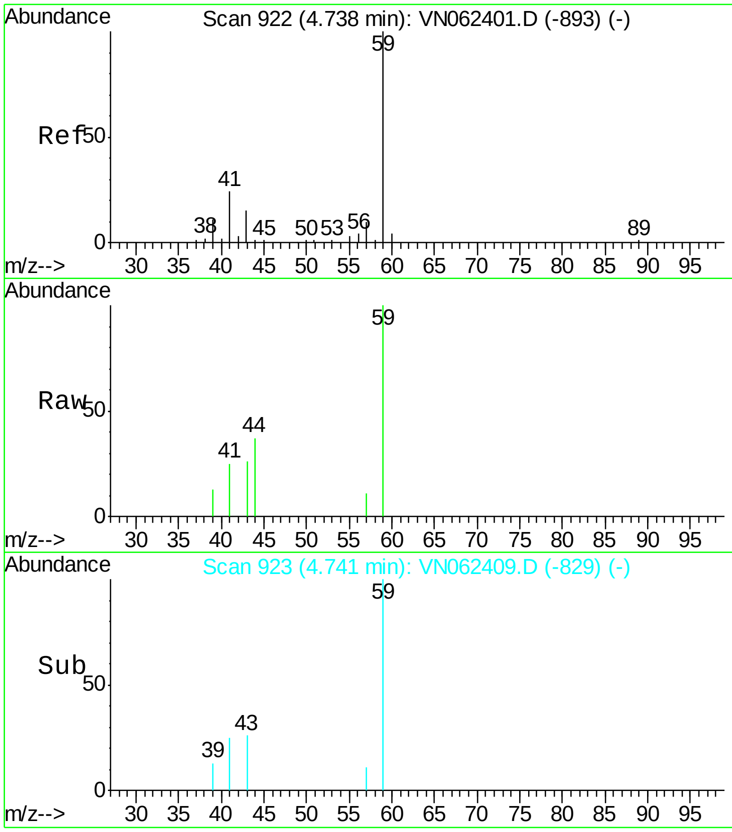


#10
Methyl Iodide
Concen: 1.946 ug/l
RT: 3.91 min   Scan# 663
Delta R.T.   -0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:142 Resp: 4871

Ion	Ratio	Lower	Upper
142	100		
127	42.7	36.1	54.1
141	11.7	11.4	17.0





#11
Tert butyl alcohol
Concen: 14.740 ug/l m
RT: 4.74 min Scan# 923
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 59 Resp: 7073

Ion	Ratio	Lower	Upper
59	100		
57	4.2	7.8	11.6#

Manual Integrations APPROVED
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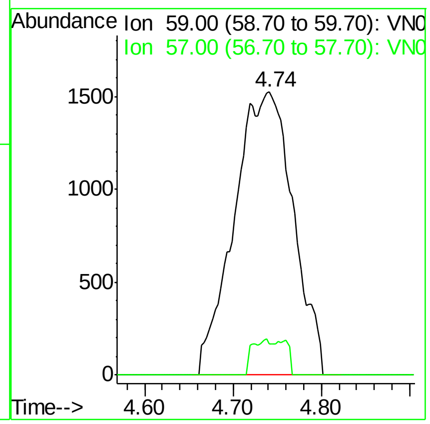
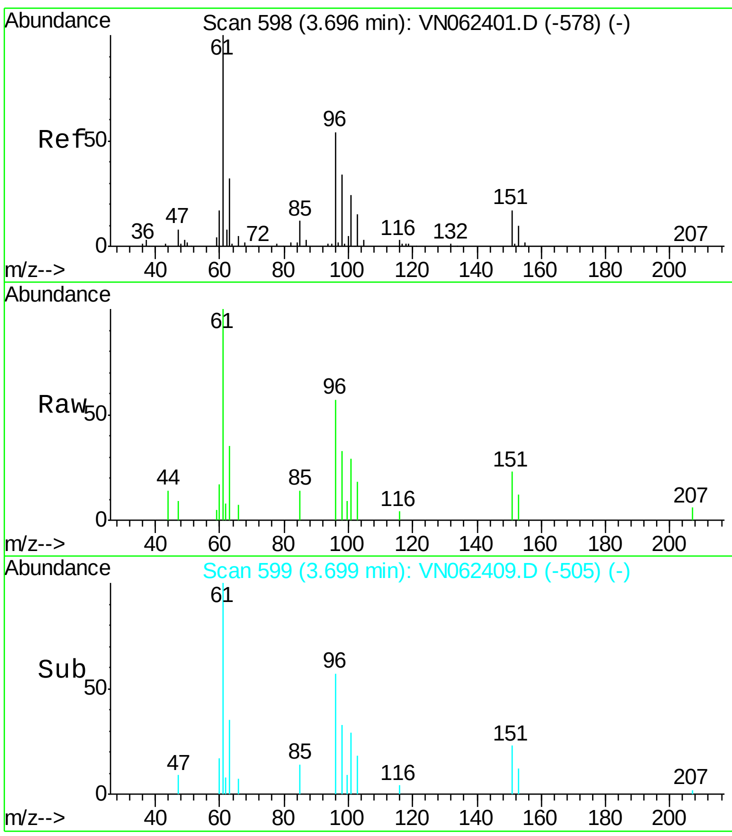
7/9/2020 10:55:06 AM

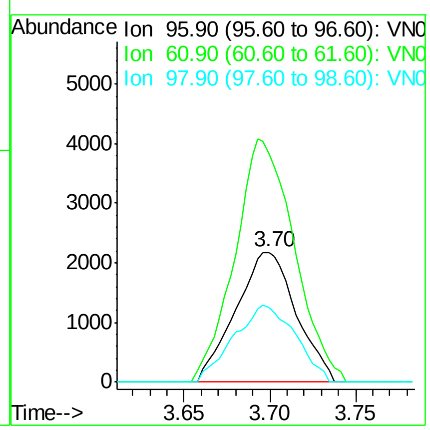


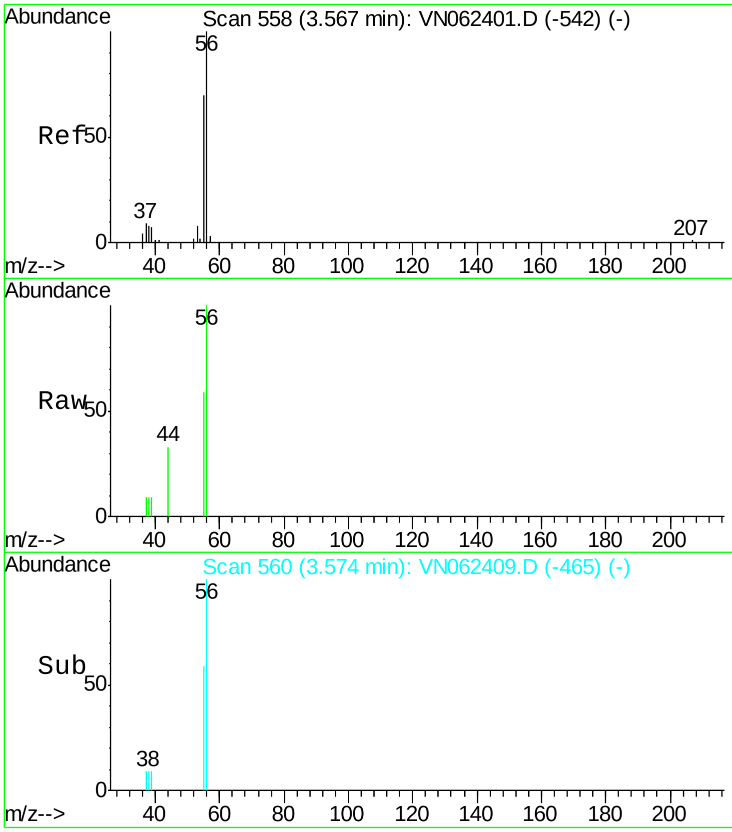


#12
1,1-Dichloroethene
Concen: 2.768 ug/l
RT: 3.70 min Scan# 599
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 96 Resp: 5343

Ion	Ratio	Lower	Upper
96	100		
61	176.0	147.4	221.0
98	58.0	50.4	75.6





#13
Acrolein
Concen: 13.509 ug/l
RT: 3.57 min Scan# 560
Delta R.T.   0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 56 Resp: 4676

Ion	Ratio	Lower	Upper
56	100		
55	71.6	57.2	85.8

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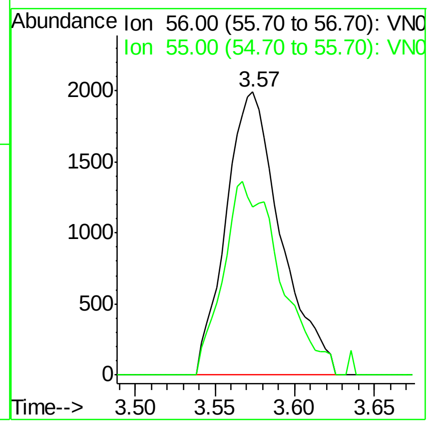
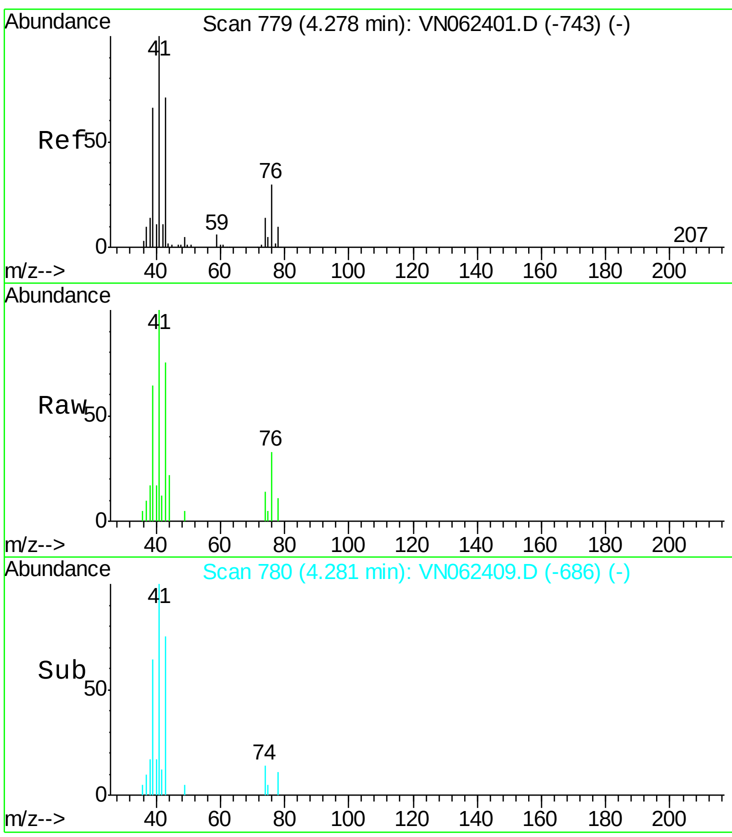
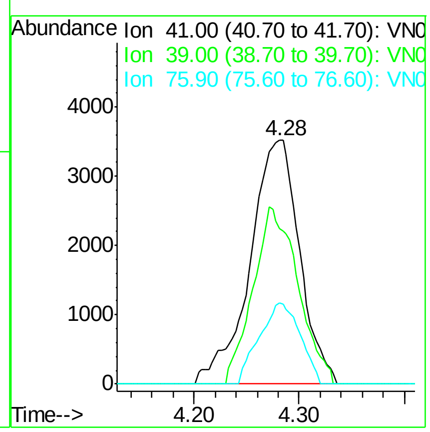


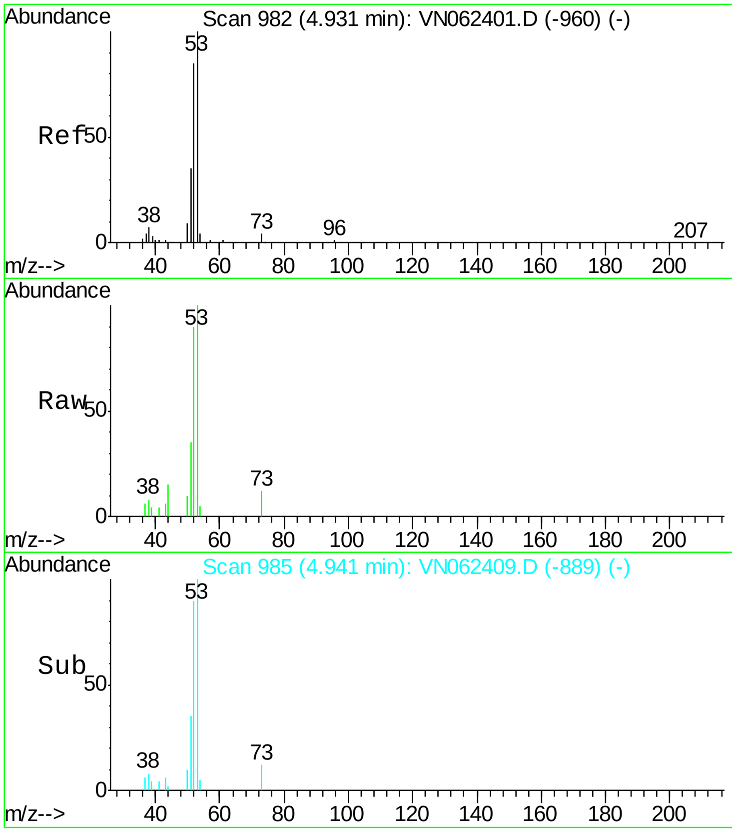


#14
Allyl chloride
Concen: 2.543 ug/l
RT: 4.28 min Scan# 780
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 41 Resp: 11545

Ion	Ratio	Lower	Upper
41	100		
39	65.8	49.6	74.4
76	27.3	22.2	33.4





#15
Acrylonitrile
Concen: 12.793 ug/l
RT: 4.94 min Scan# 985
Delta R.T. 0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 53 Resp: 16100

Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.2	99.4
51	33.5	28.7	43.1

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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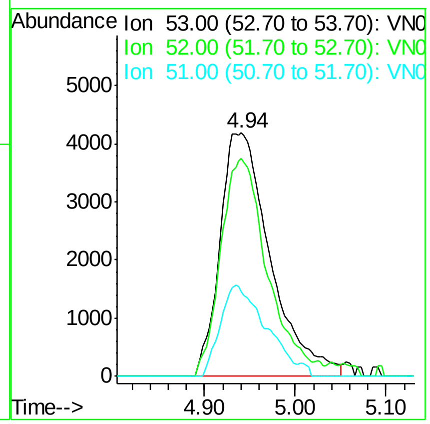
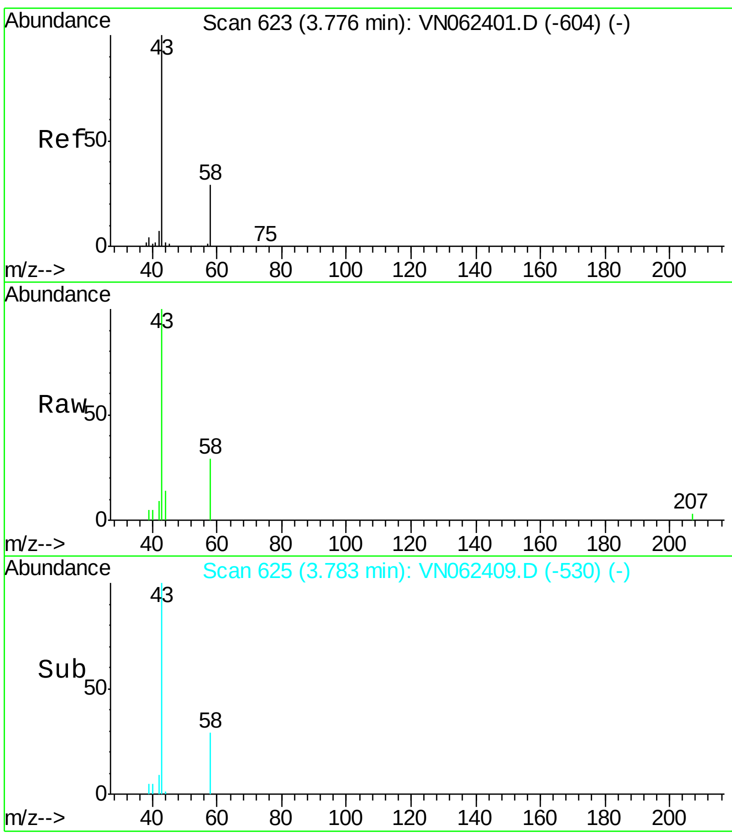
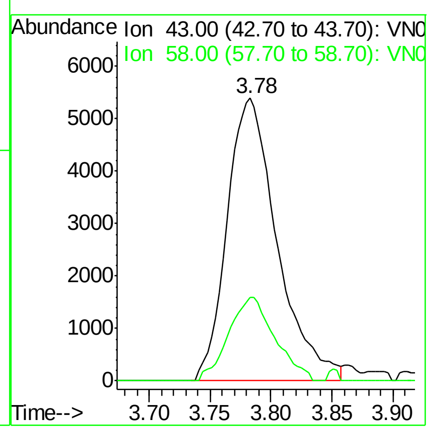


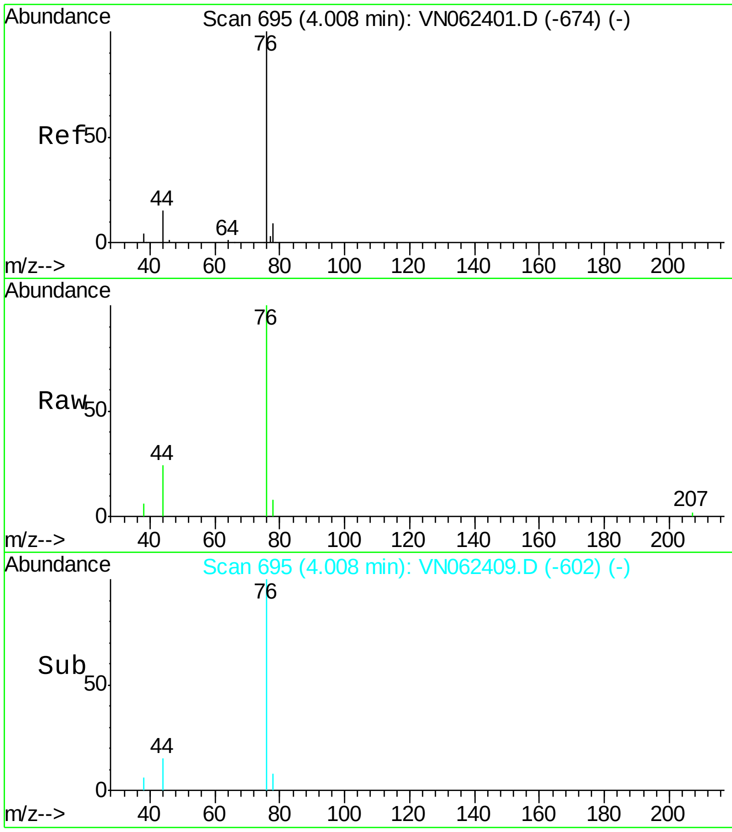


#16
Acetone
Concen: 12.553 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 43 Resp: 15416

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.5	35.3





#17
Carbon Disulfide
Concen: 2.871 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 76 Resp: 17365

Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.3	10.9

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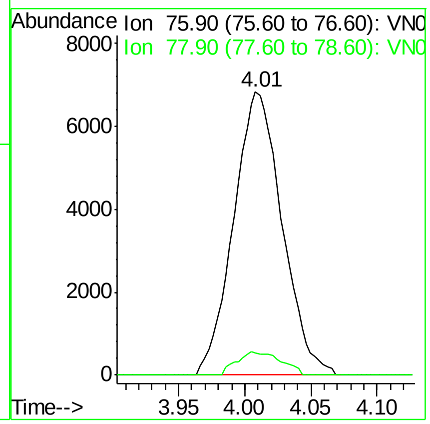
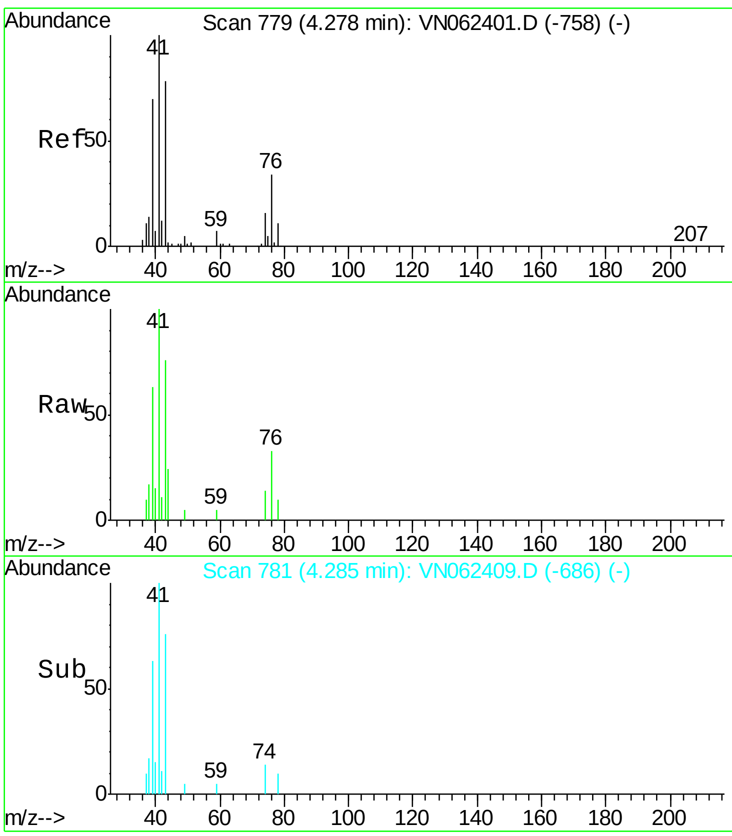
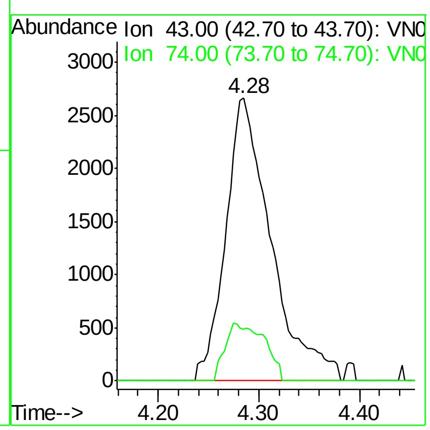


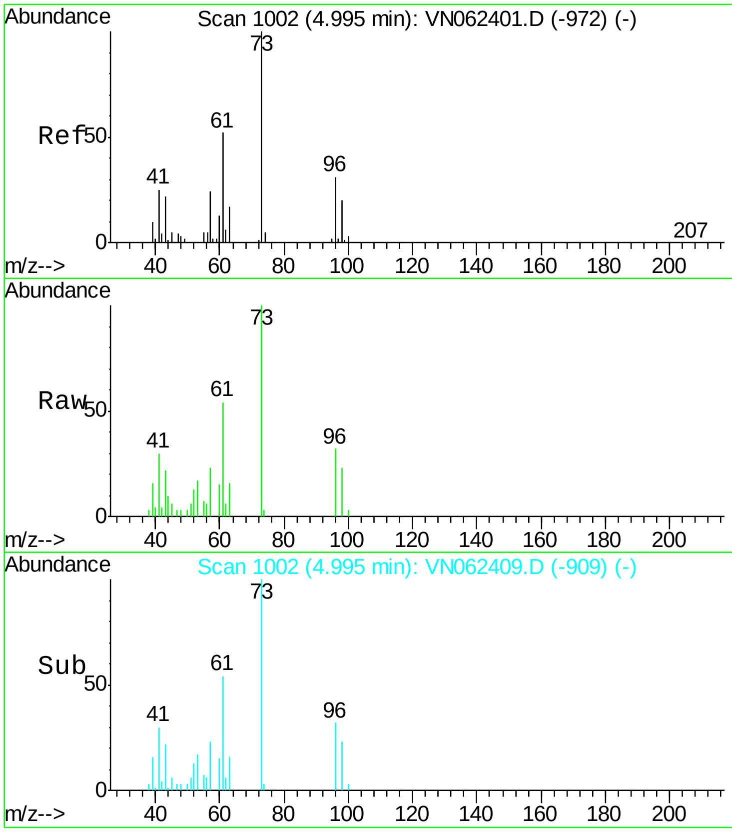


#18
Methyl Acetate
Concen: 2.725 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 43 Resp: 8353

Ion	Ratio	Lower	Upper
43	100		
74	17.6	16.0	24.0





#19
Methyl tert-butyl Ether
Concen: 2.636 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 73 Resp: 19290

Ion	Ratio	Lower	Upper
73	100		
57	23.3	19.4	29.0

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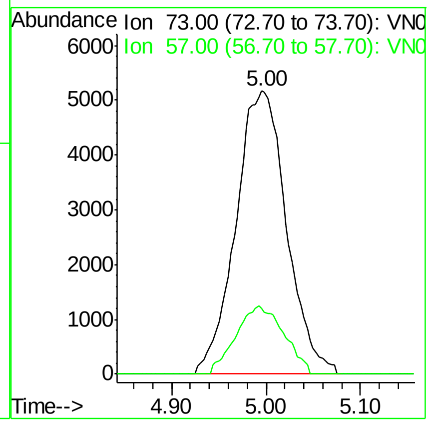
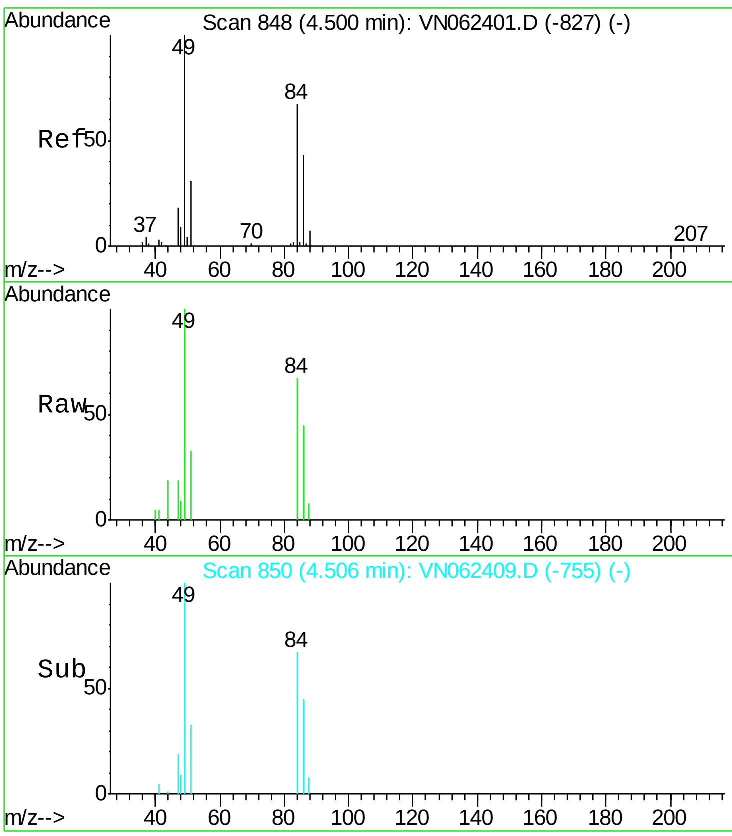
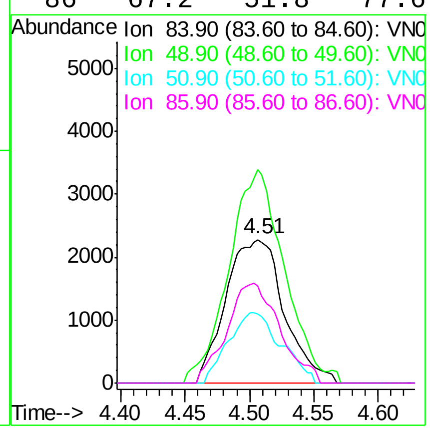


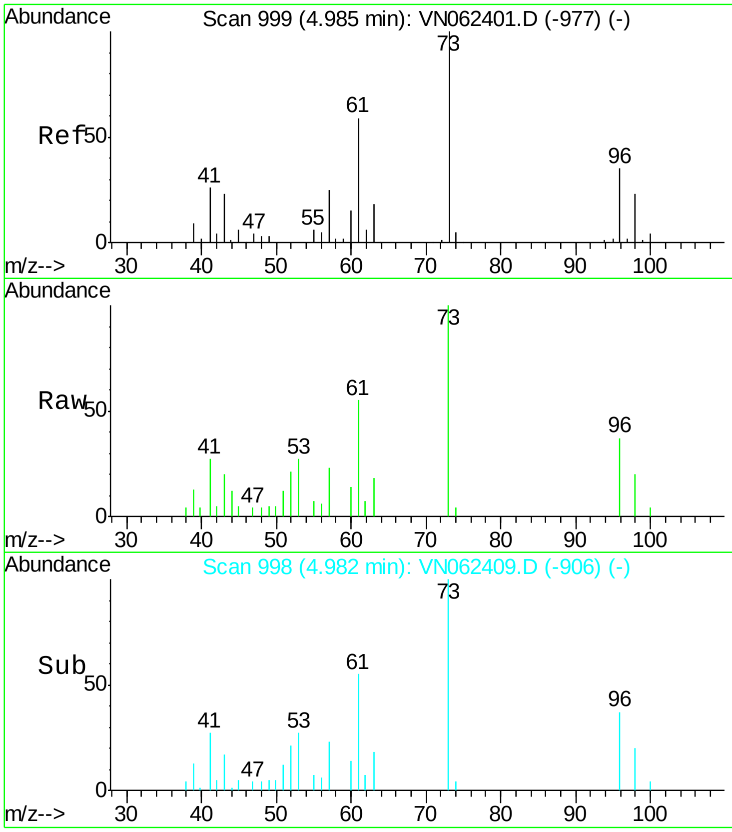


#20
Methylene Chloride
Concen: 2.744 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 84 Resp: 7206

Ion	Ratio	Lower	Upper
84	100		
49	148.4	120.0	180.0
51	48.4	37.0	55.6
86	67.2	51.8	77.6





#21
trans-1,2-Dichloroethene
Concen: 2.693 ug/l
RT: 4.98 min   Scan# 998
Delta R.T.   -0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 96 Resp: 5631

Ion	Ratio	Lower	Upper
96	100		
61	149.8	133.5	200.3
98	54.7	51.9	77.9

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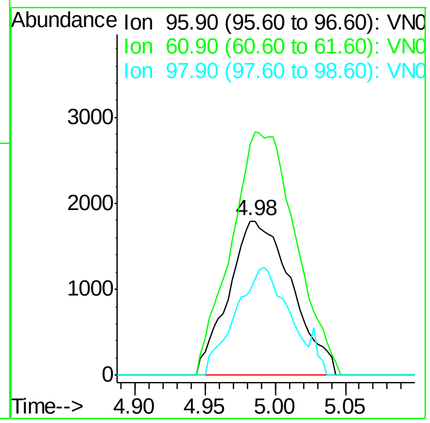
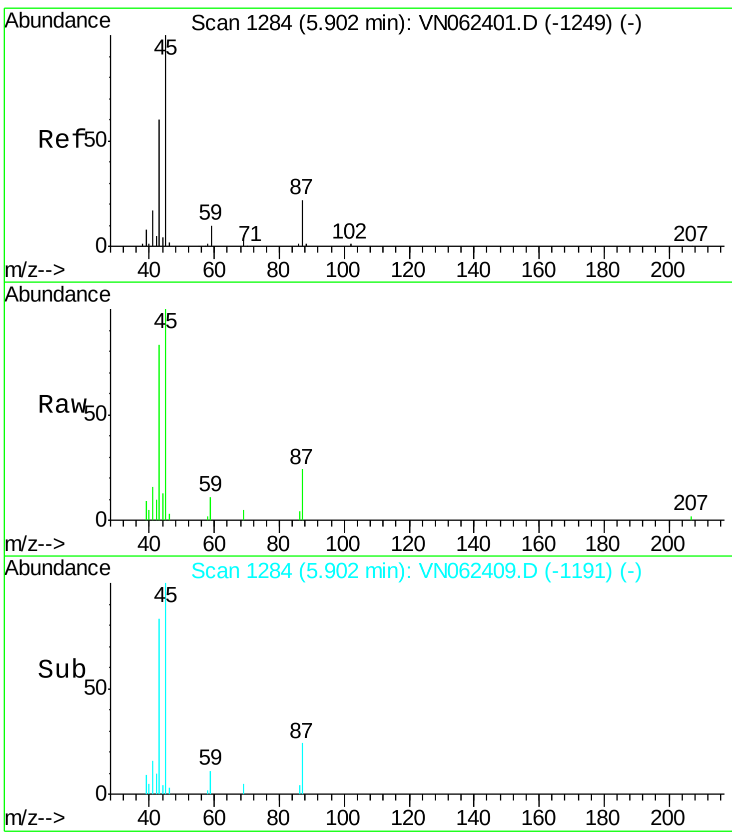
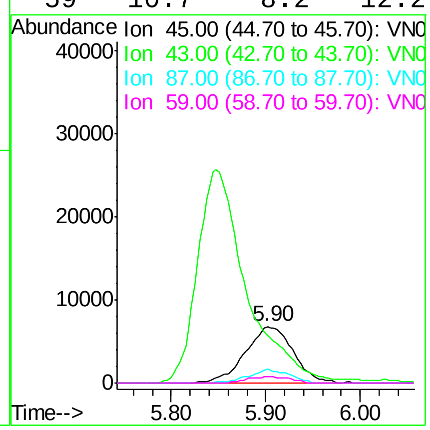


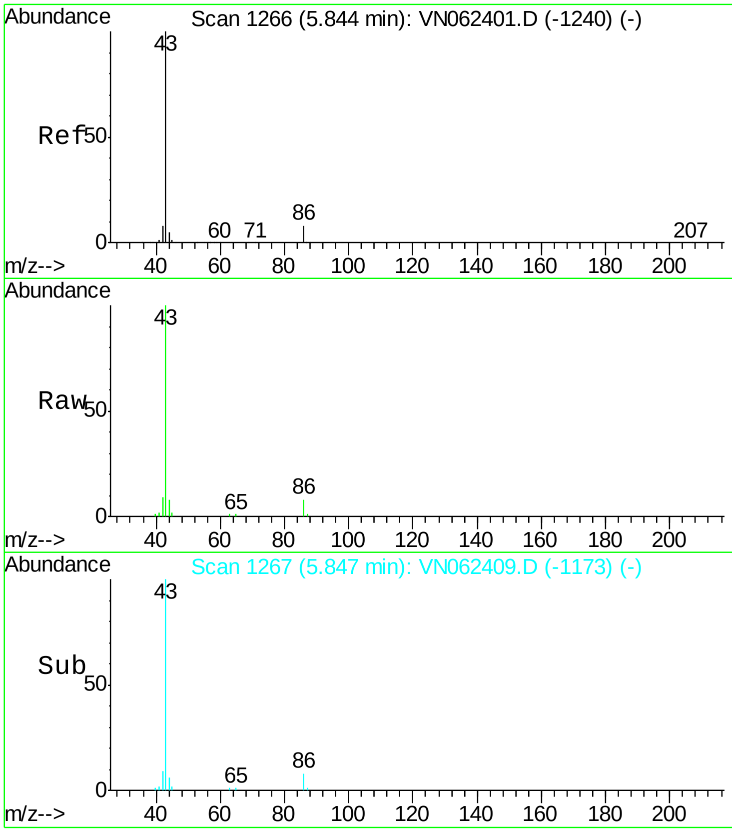


#22
Diisopropyl ether
Concen: 2.655 ug/l
RT: 5.90 min   Scan# 1284
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 45 Resp: 23811

Ion	Ratio	Lower	Upper
45	100		
43	77.2	50.1	75.1#
87	23.9	18.2	27.4
59	10.7	8.2	12.2





#23
Vinyl Acetate
Concen: 12.474 ug/l
RT: 5.85 min Scan# 1267
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 43 Resp: 92683

Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.7	10.1

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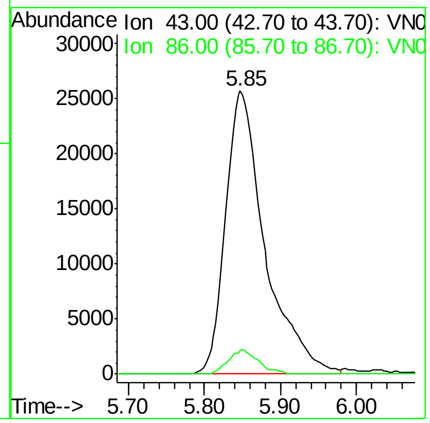
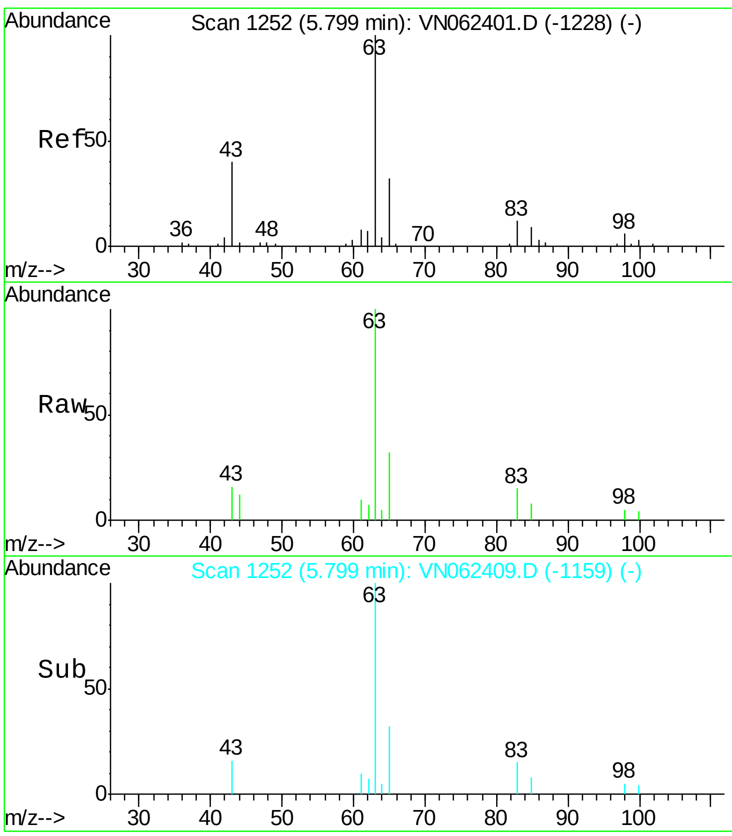
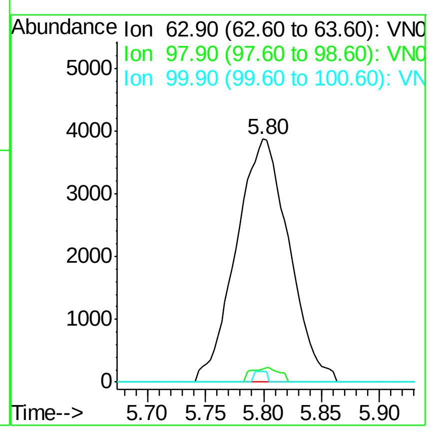


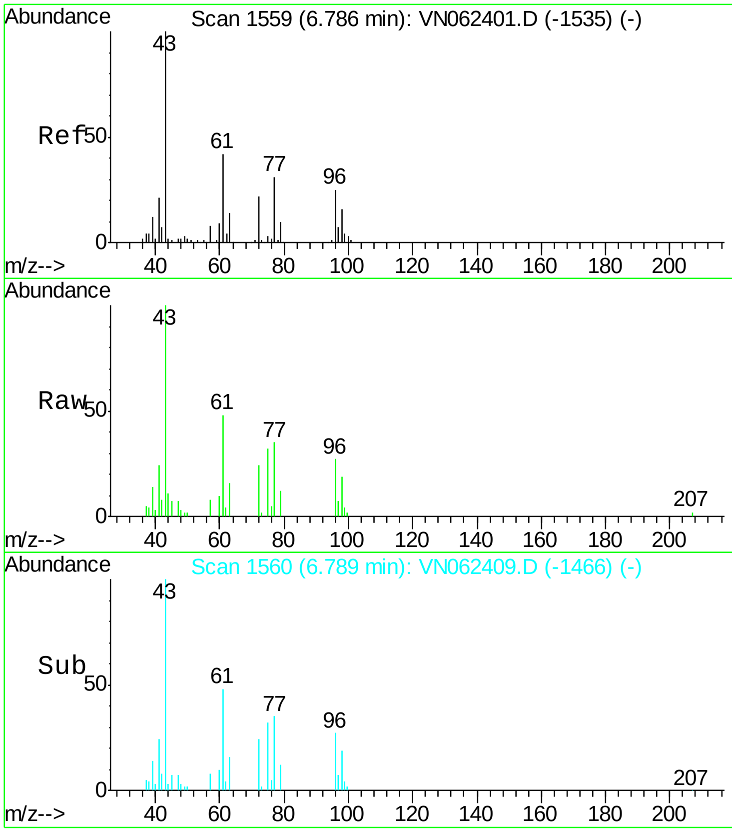


#24
1,1-Dichloroethane
Concen: 2.658 ug/l
RT: 5.80 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 63 Resp: 12317

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.9	8.8
100	4.4	1.8	5.3





#25
2-Butanone
Concen: 12.745 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 43 Resp: 22859

Ion	Ratio	Lower	Upper
43	100		
72	23.9	17.9	26.9

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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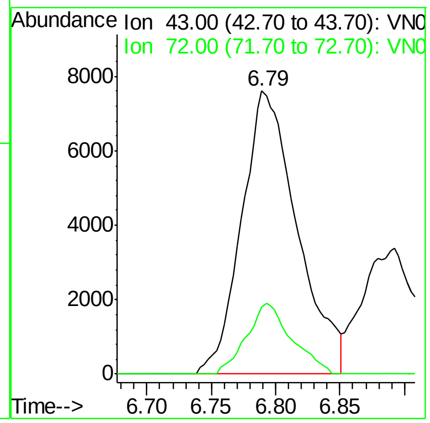
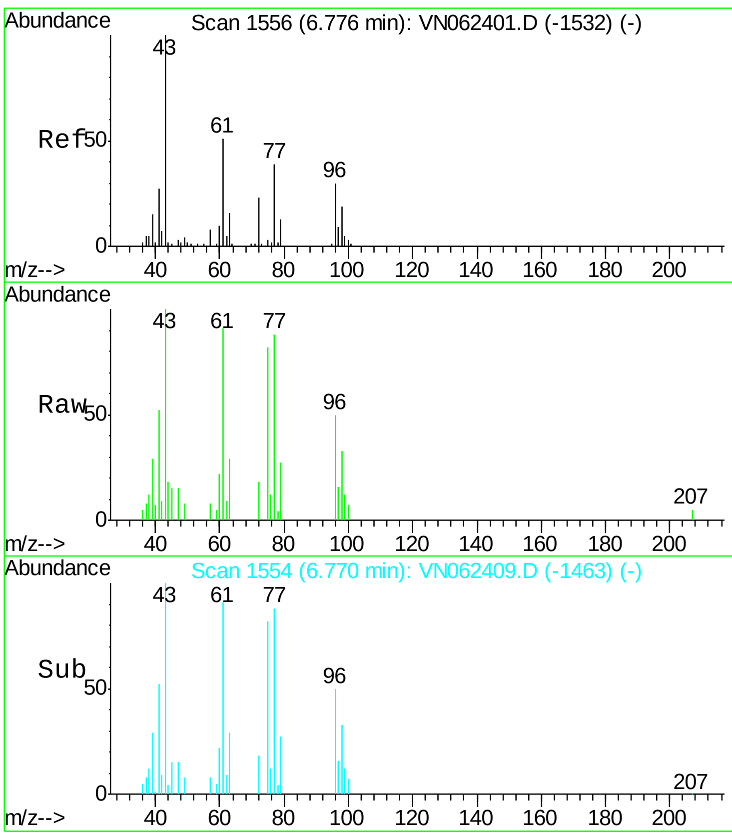
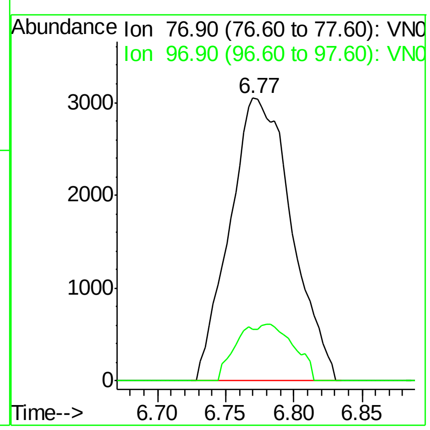


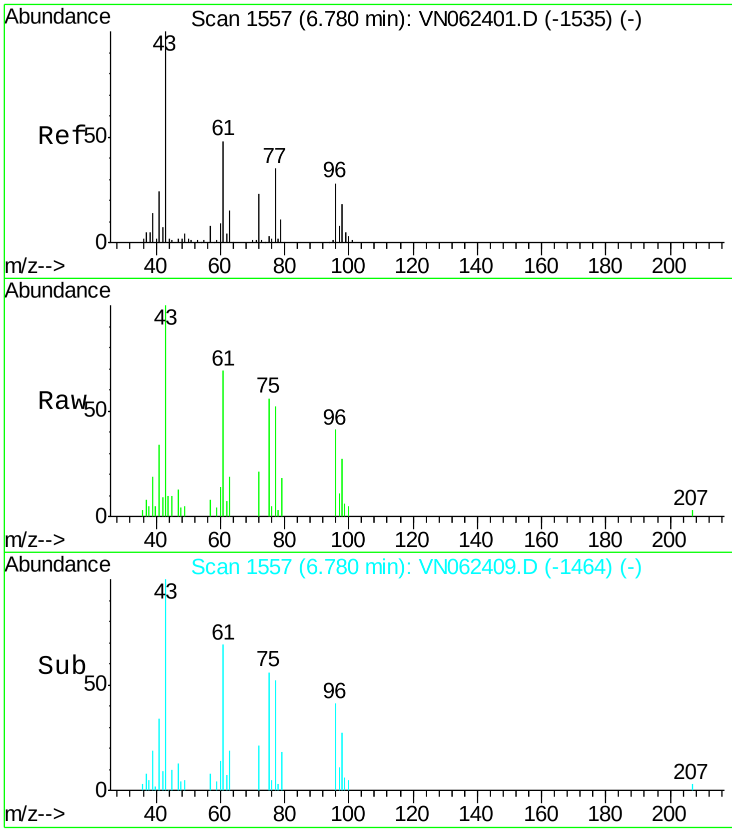


#26
2,2-Dichloropropane
Concen: 2.706 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 77 Resp: 9616

Ion	Ratio	Lower	Upper
77	100		
97	18.5	10.9	32.9






```
#27
cis-1,2-Dichloroethene
Concen:    2.564 ug/l
RT: 6.78 min  Scan# 1557
Delta R.T.   0.00 min
Lab File:   VN062409.D
Acq:  8 Jul 2020  15:49

Tgt Ion: 96 Resp:    6210
Ion  Ratio  Lower  Upper
 96  100
 61  180.3    0.0  343.4
 98   68.1    0.0  128.4
```

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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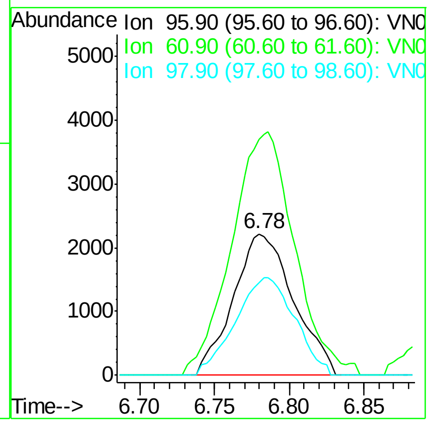
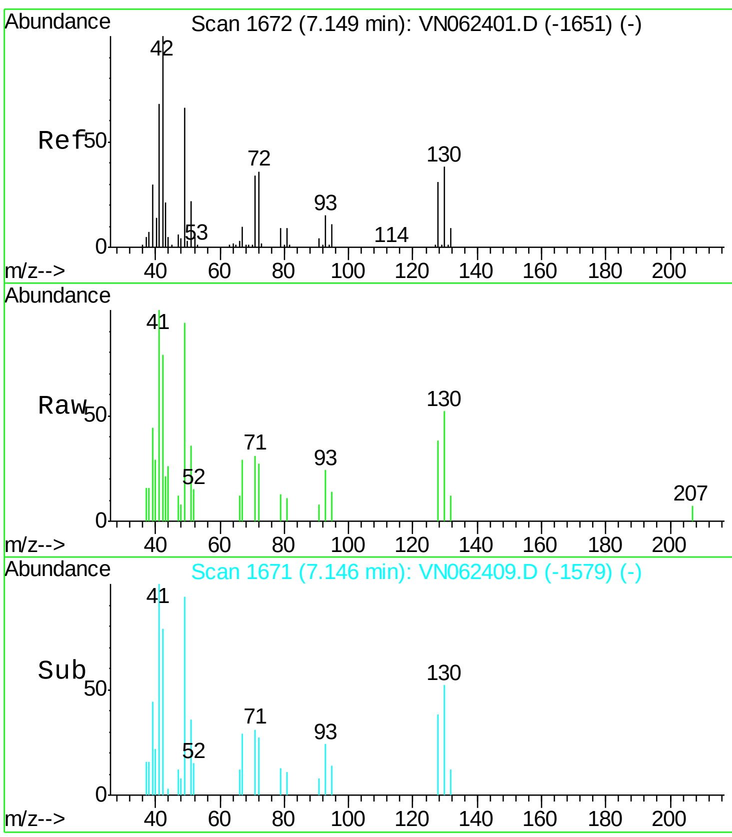
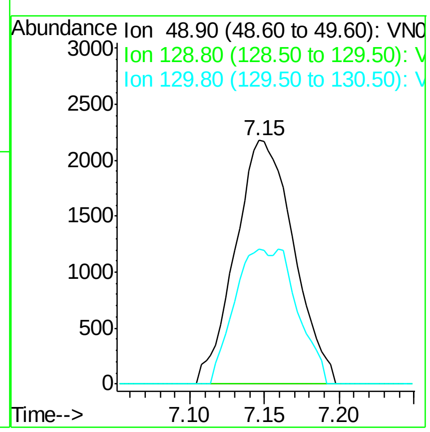
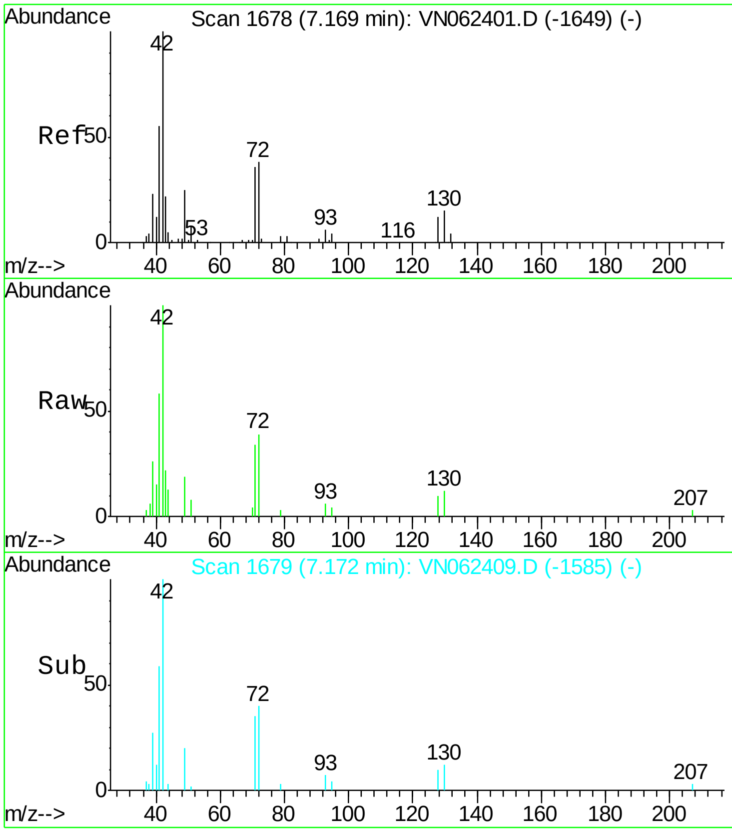





```
#28
Bromochloromethane
Concen:    2.354 ug/l
RT: 7.15 min  Scan# 1671
Delta R.T.   -0.00 min
Lab File:   VN062409.D
Acq:  8 Jul 2020  15:49

Tgt Ion: 49 Resp:    5927
Ion  Ratio  Lower  Upper
 49  100
129    0.0    0.0    2.8
130   36.8   46.5   69.7#
```






```
#29
Tetrahydrofuran
Concen:    13.017 ug/l
RT: 7.17 min  Scan# 1679
Delta R.T.   0.00 min
Lab File:   VN062409.D
Acq:  8 Jul 2020  15:49

Tgt Ion: 42 Resp:   15718
Ion  Ratio  Lower  Upper
 42  100
 72   35.4   29.1   43.7
 71   32.5   28.1   42.1
```

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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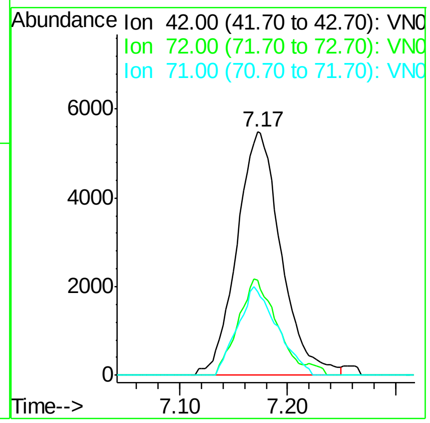
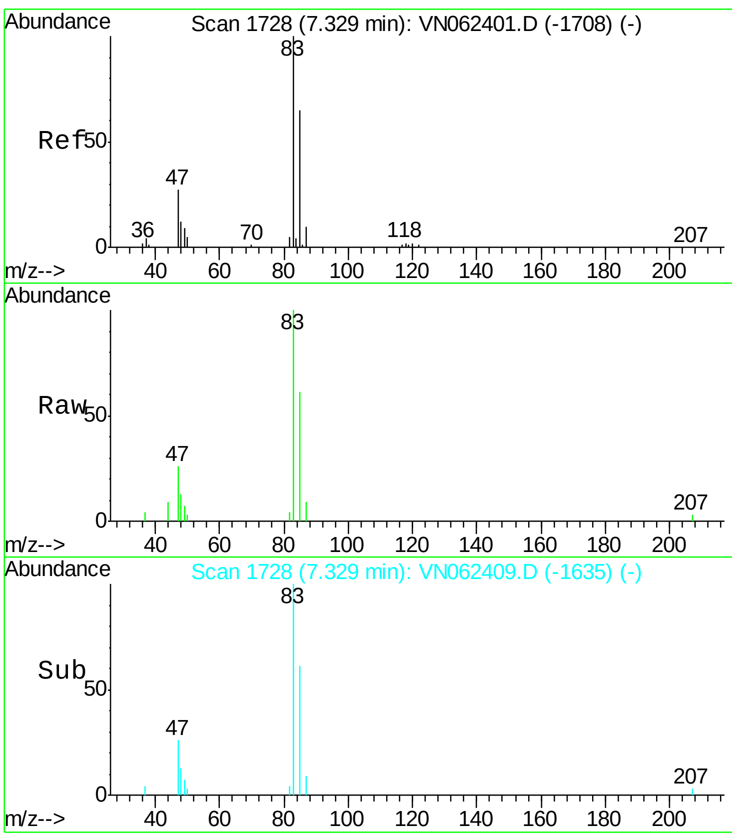
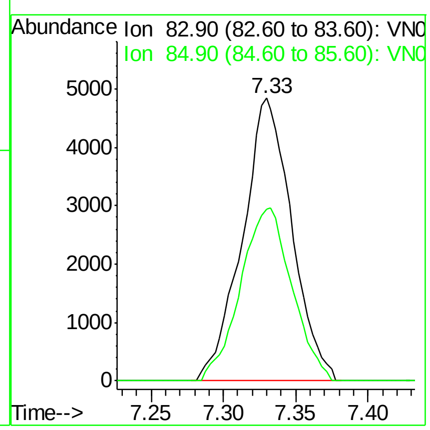





```
#30
Chloroform
Concen:     2.744 ug/l
RT: 7.33 min  Scan# 1728
Delta R.T.   0.00 min
Lab File:   VN062409.D
Acq:  8 Jul 2020  15:49

Tgt Ion: 83 Resp:   11484
Ion  Ratio  Lower  Upper
 83  100
 85   61.0   51.8   77.6
```



#31
Cyclohexane
Concen: 3.445 ug/l
RT: 7.62 min   Scan# 1817
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020   15:49

Tgt Ion: 56 Resp: 15135

Ion	Ratio	Lower	Upper
56	100		
69	70.0	24.5	36.7#
84	82.2	57.4	86.2

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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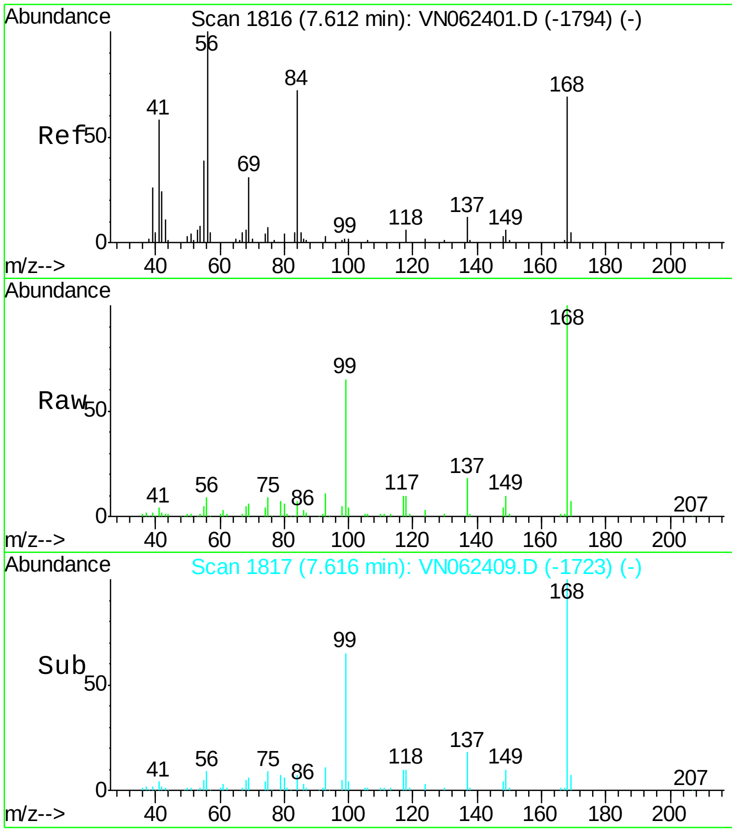
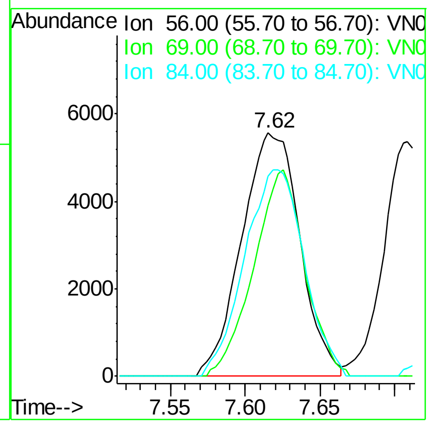
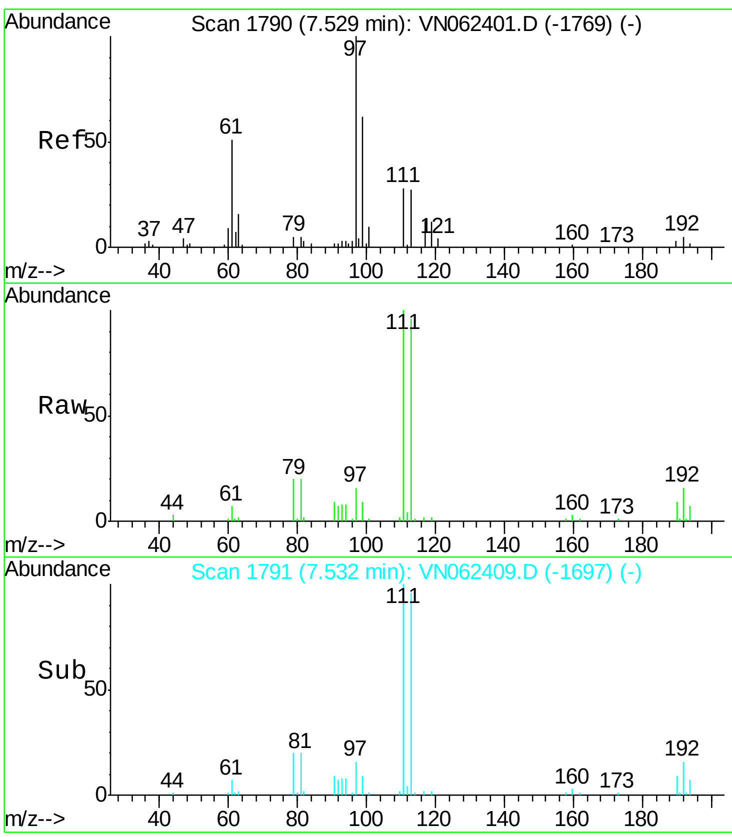


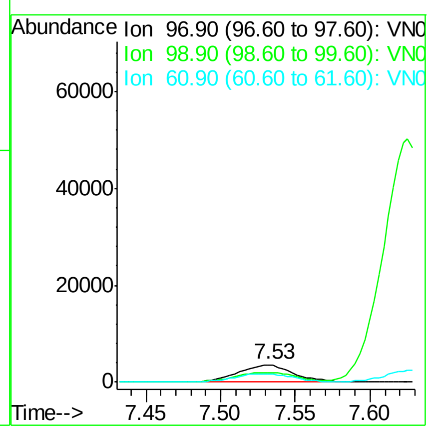


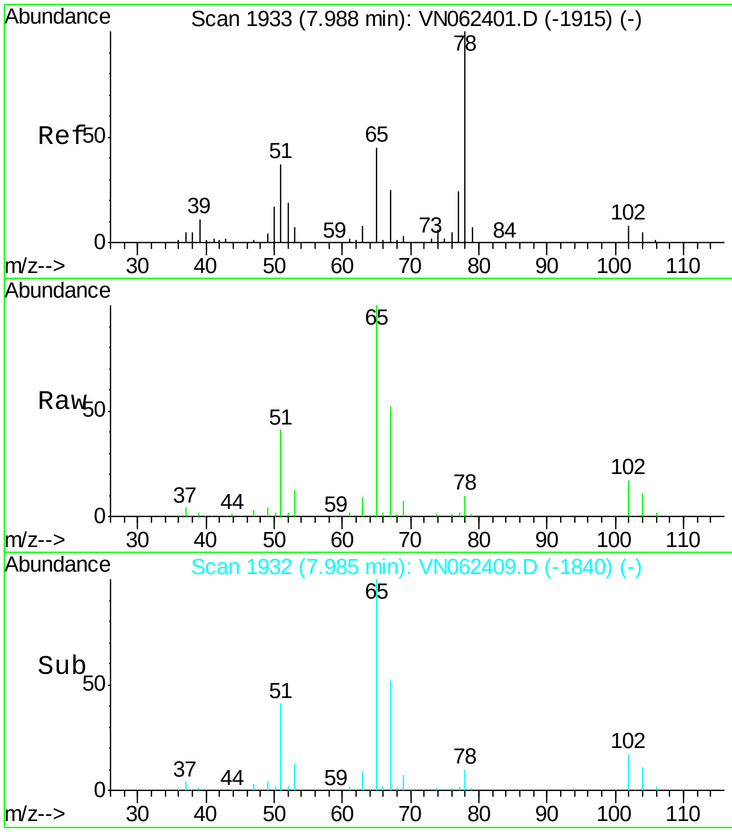
#32
1,1,1-Trichloroethane
Concen: 2.591 ug/l
RT: 7.53 min   Scan# 1791
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020   15:49

Tgt Ion: 97 Resp: 9018

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.4	75.6
61	51.2	39.9	59.9







#33
1,2-Dichloroethane-d4
Concen: 49.684 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 65 Resp: 143720

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.6

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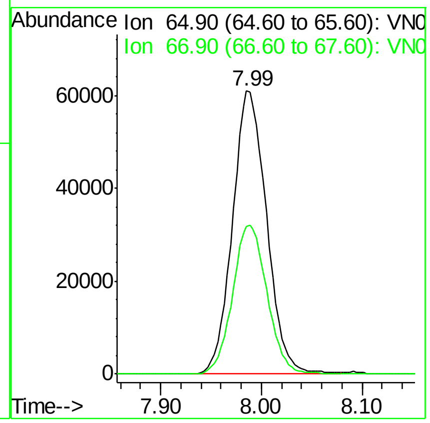
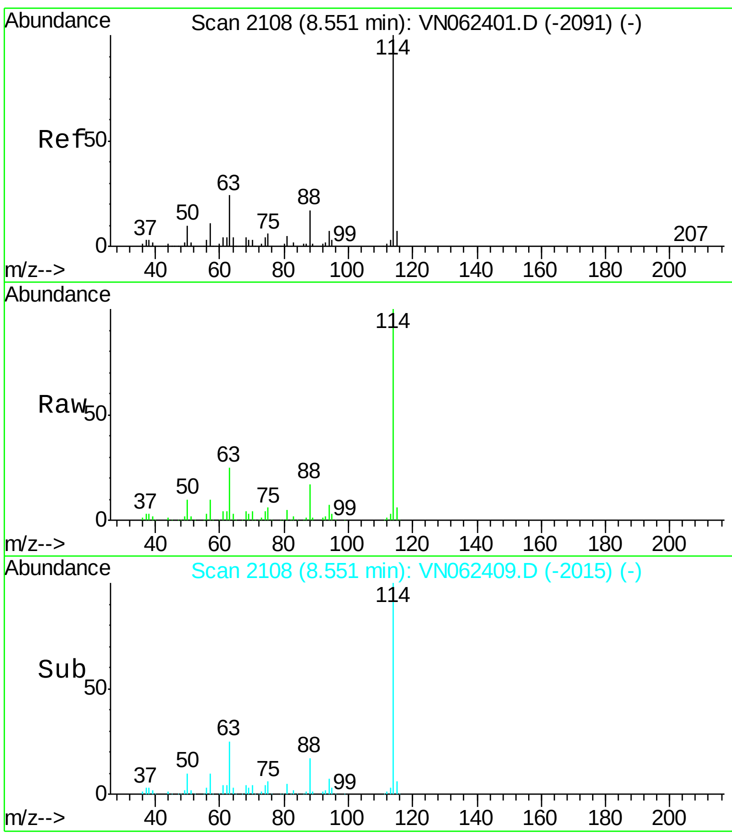
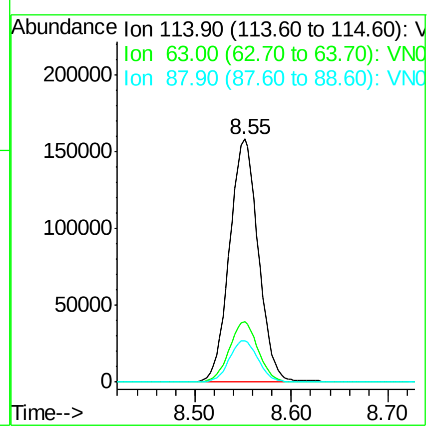


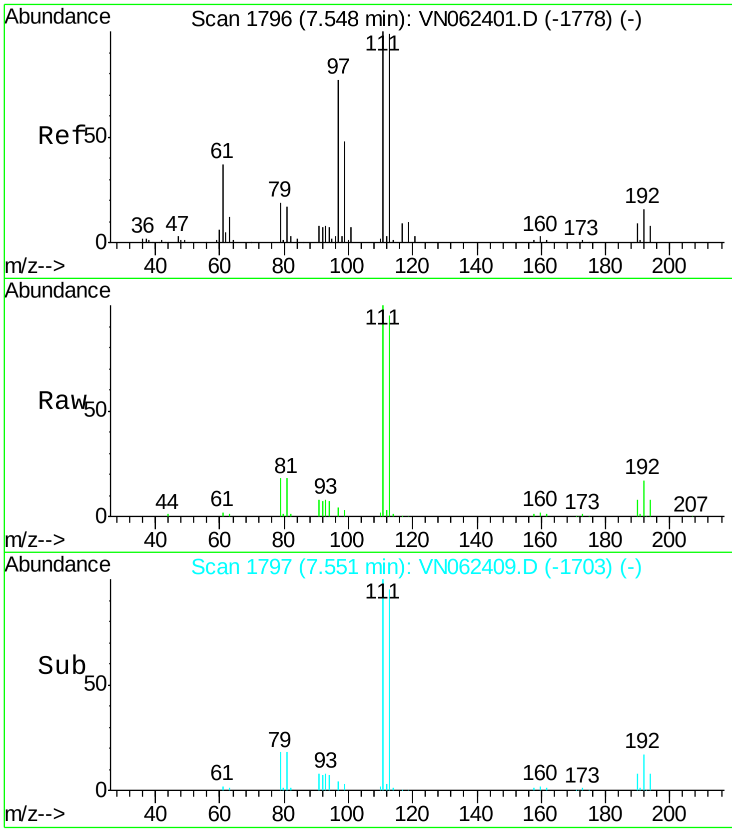


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:114 Resp: 329425

Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	48.4
88	17.2	0.0	33.8





#35
Dibromofluoromethane
Concen: 48.746 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion:113 Resp: 99261

Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.1	124.7
192	17.7	14.1	21.1

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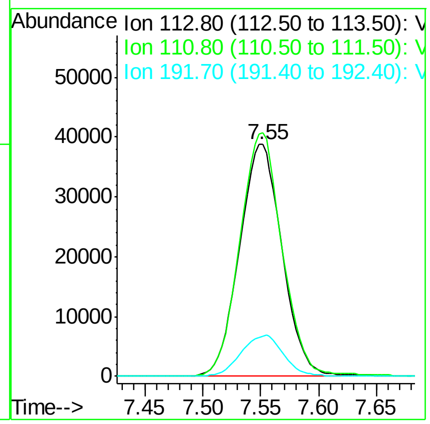
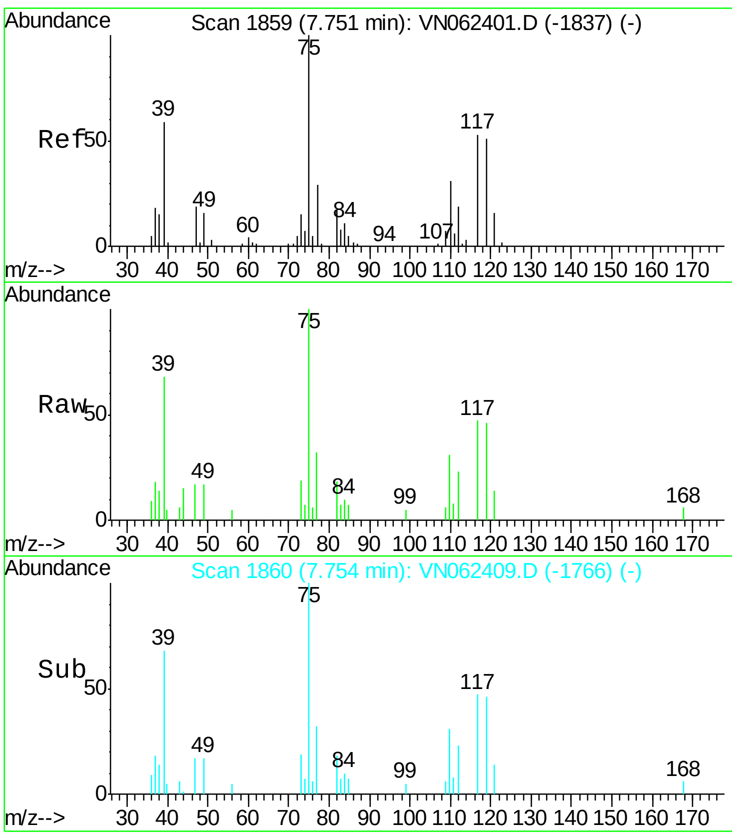
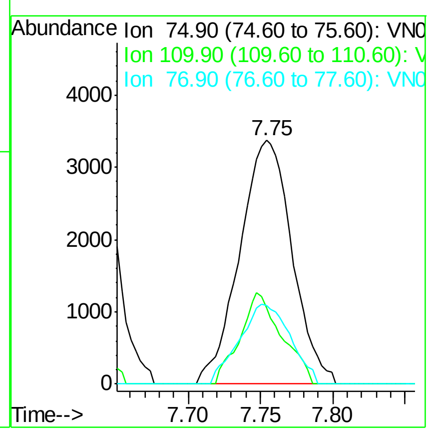


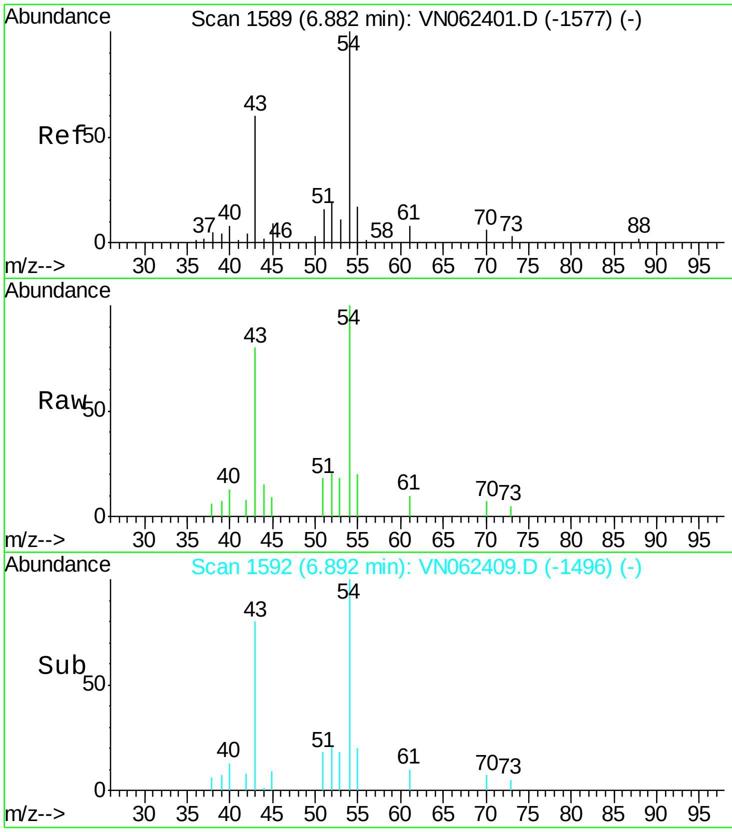


#36
1,1-Dichloropropene
Concen: 2.562 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 75 Resp: 8502

Ion	Ratio	Lower	Upper
75	100		
110	29.8	15.4	46.2
77	31.8	24.1	36.1





#37
Ethyl Acetate
Concen: 2.399 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 43 Resp: 9312

Ion	Ratio	Lower	Upper
43	100		
61	5.5	10.7	16.1#
70	7.8	7.2	10.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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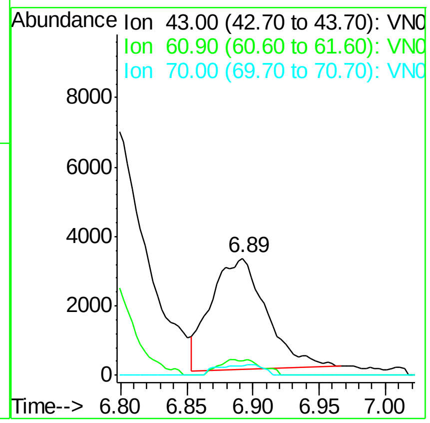
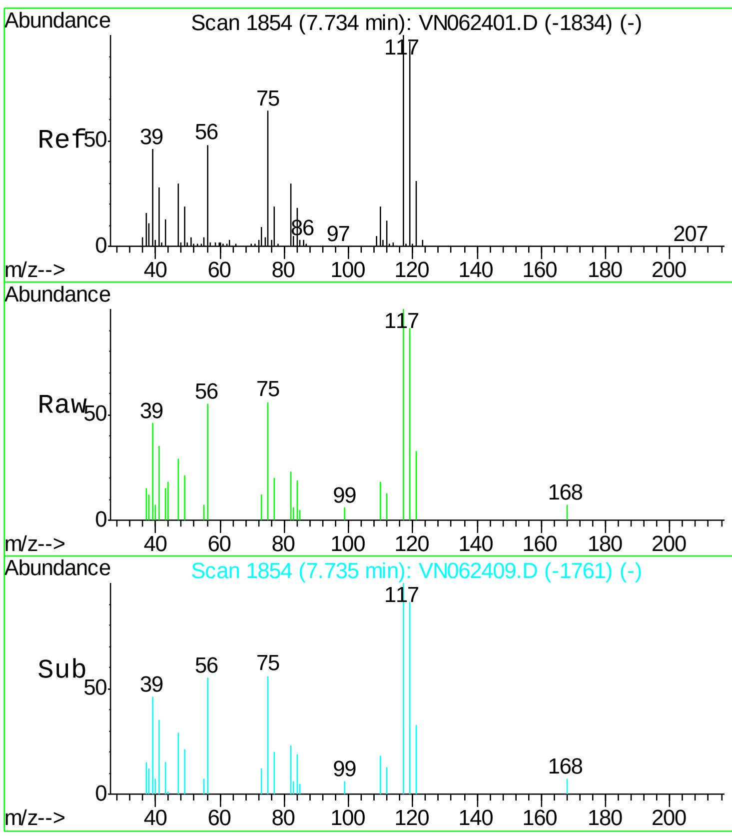
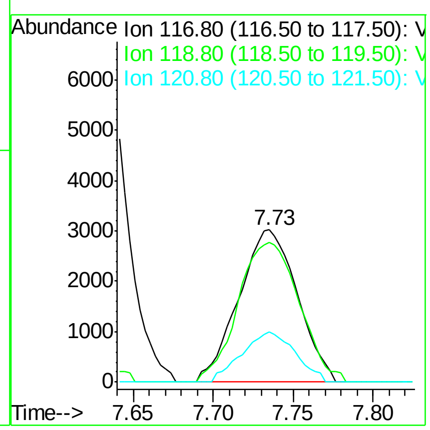


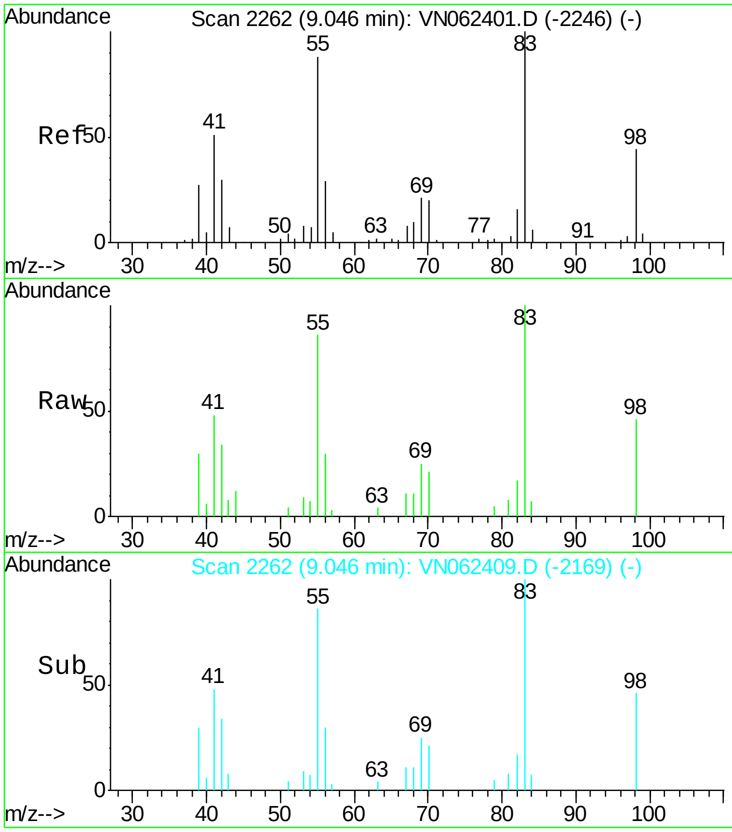


#38
Carbon Tetrachloride
Concen: 2.552 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:117 Resp: 7615

Ion	Ratio	Lower	Upper
117	100		
119	91.5	77.2	115.8
121	32.9	24.8	37.2





#39
Methylcyclohexane
Concen: 2.463 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 83 Resp: 8726

Ion	Ratio	Lower	Upper
83	100		
55	85.9	70.5	105.7
98	45.9	35.5	53.3

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

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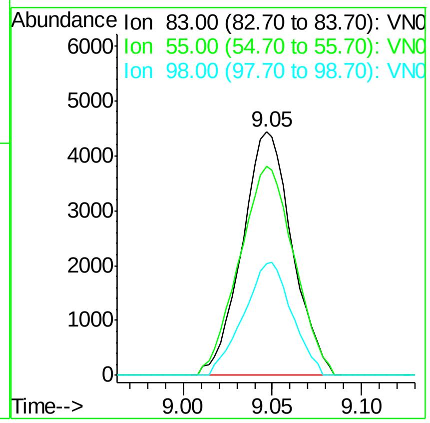
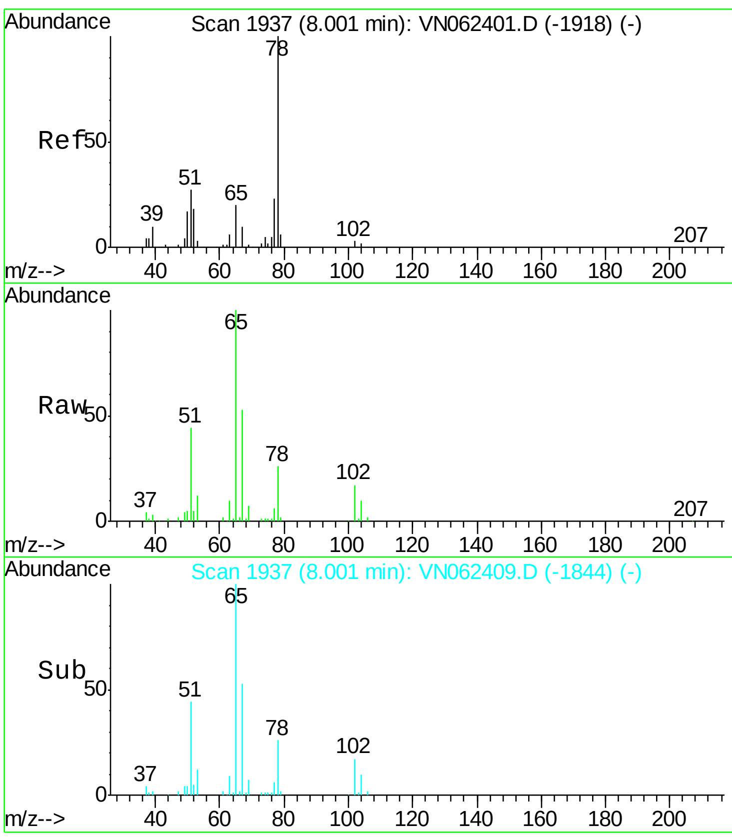
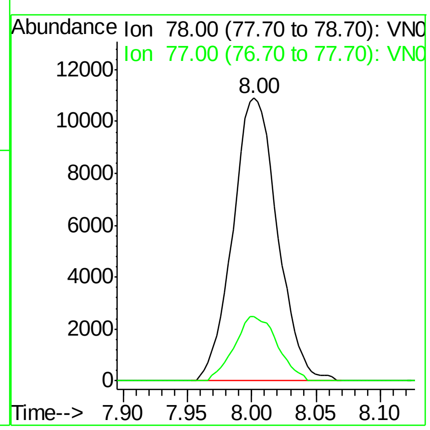


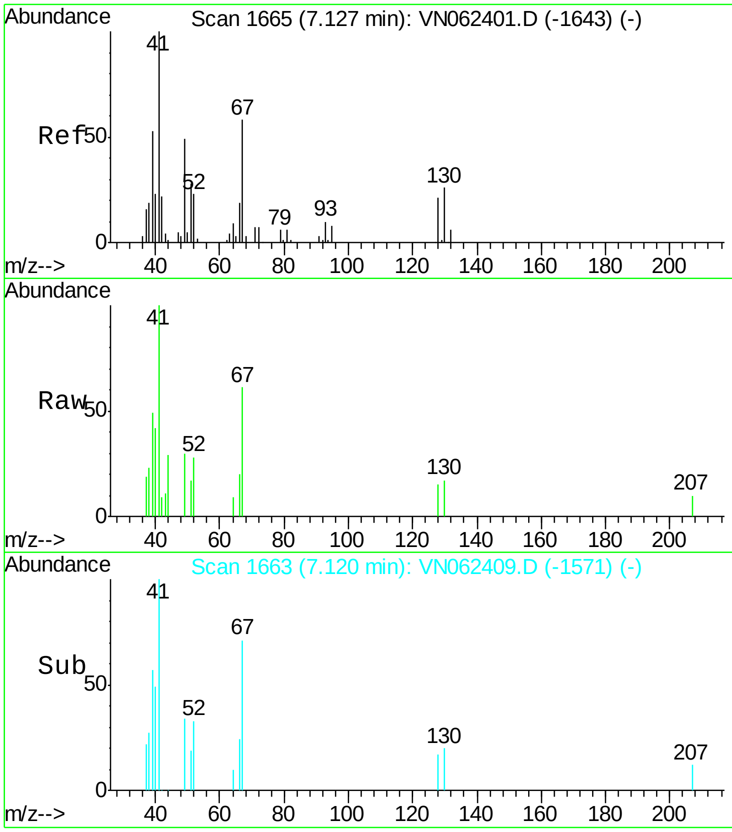


#40
Benzene
Concen: 2.689 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 78 Resp: 26302

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.7	28.1





#41
Methacrylonitrile
Concen: 1.692 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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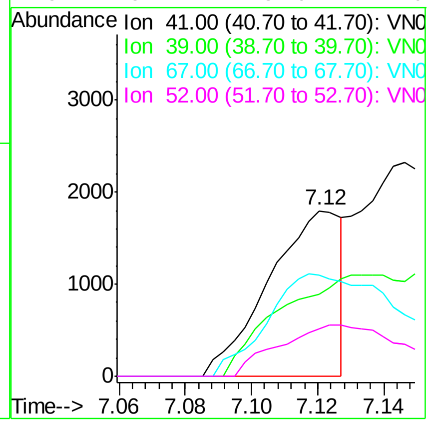
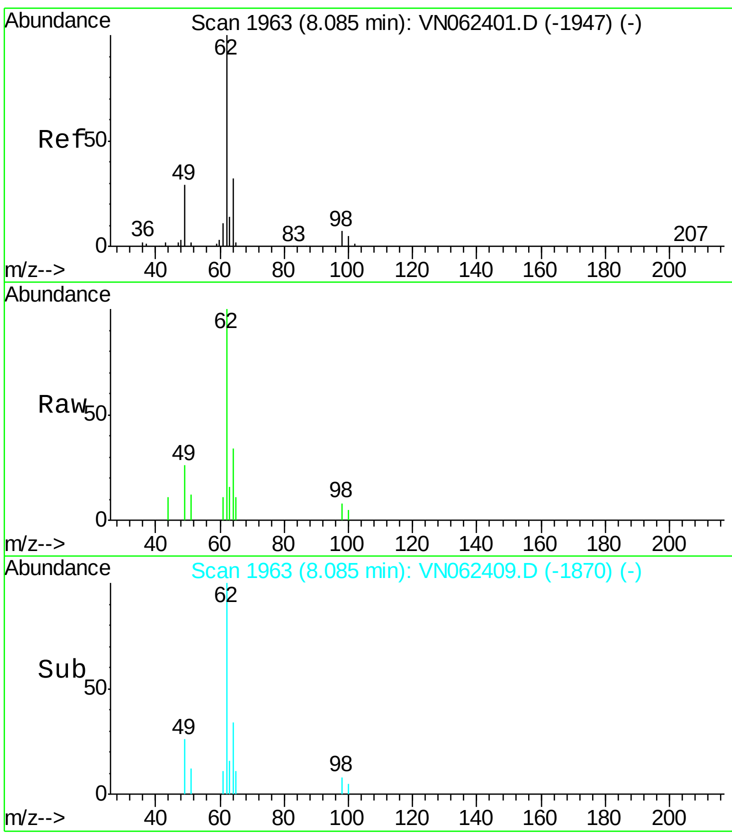
Tgt Ion: 41 Resp: 2743

Ion	Ratio	Lower	Upper
41	100		
39	100.2	50.2	75.2#
67	118.7	64.2	96.2#
52	52.7	28.0	42.0#

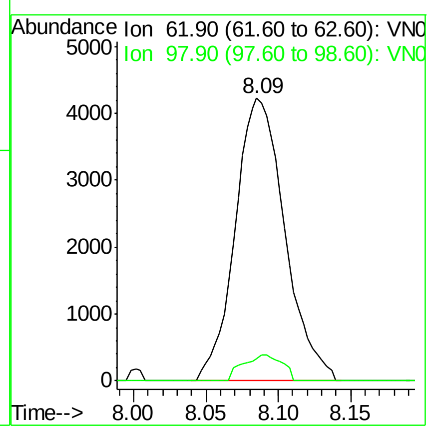


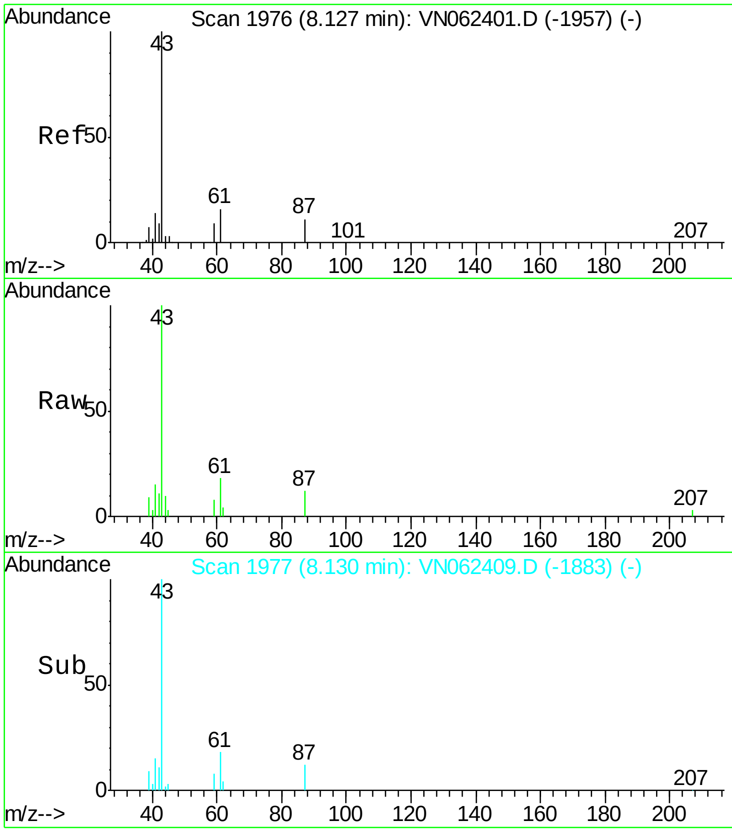


#42
1,2-Dichloroethane
Concen: 2.810 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 62 Resp: 10065

Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	15.8





#43
Isopropyl Acetate
Concen: 2.662 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 43 Resp: 16322

Ion	Ratio	Lower	Upper
43	100		
61	24.6	19.3	28.9
87	9.7	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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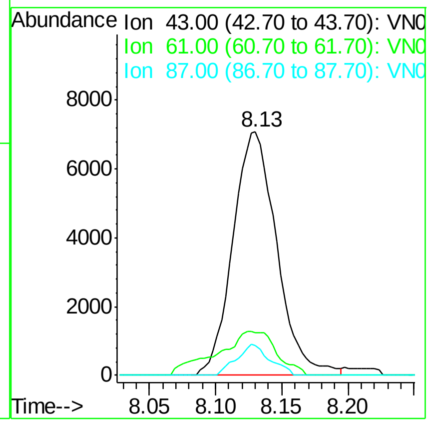
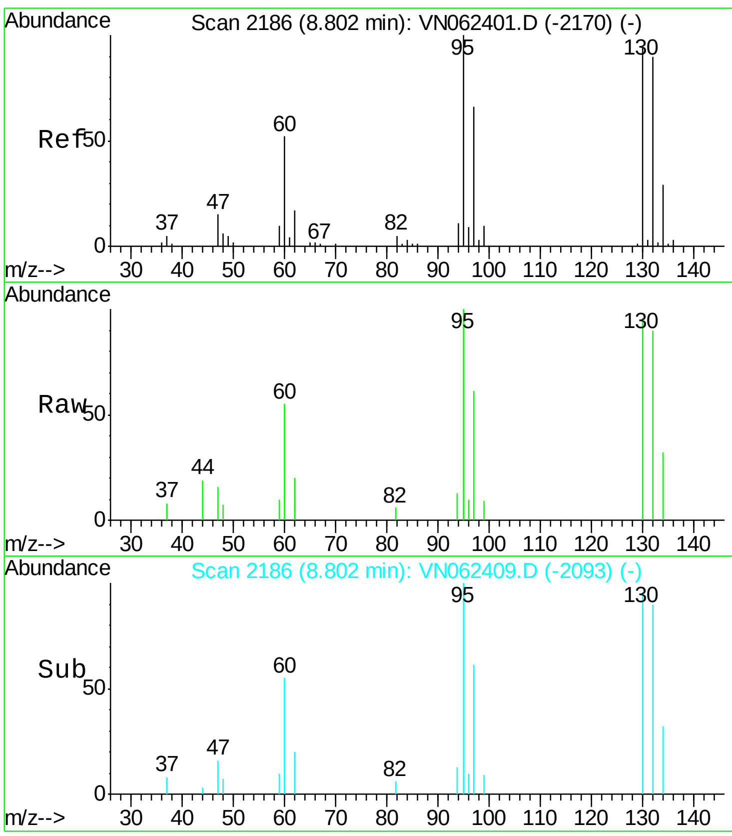
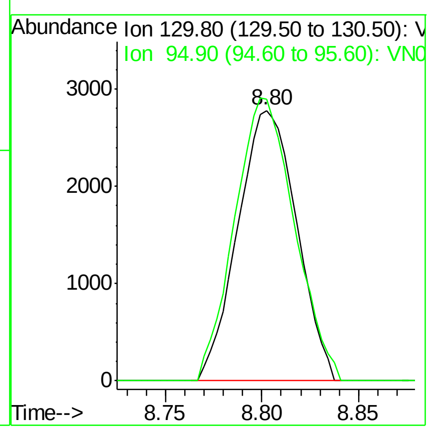


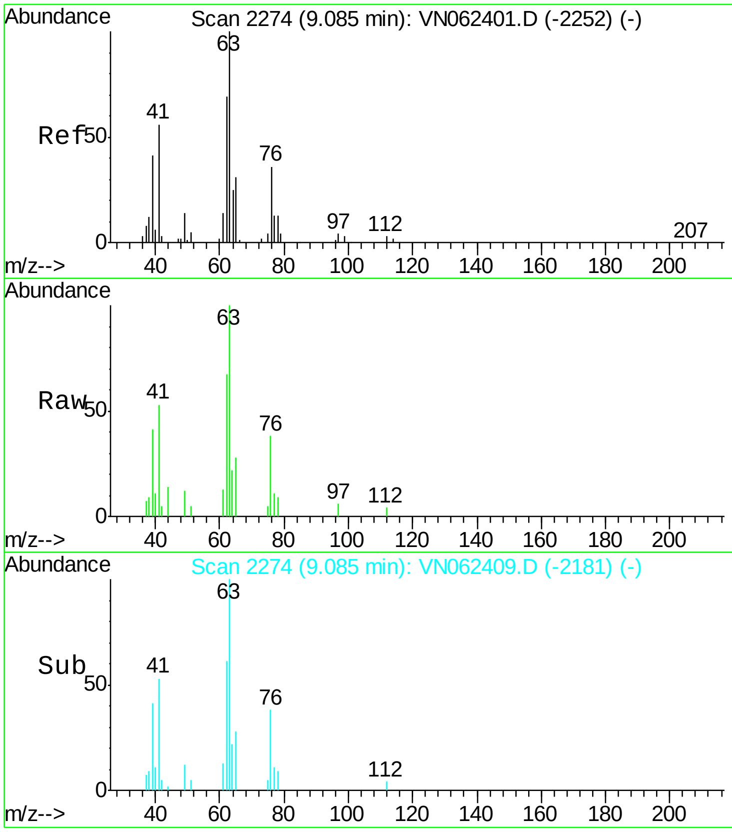


#44
Trichloroethene
Concen: 2.712 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:130 Resp: 5885

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	213.8





#45
1,2-Dichloropropane
Concen: 2.699 ug/l
RT: 9.09 min Scan# 2274
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 63 Resp: 7664

Ion	Ratio	Lower	Upper
63	100		
65	28.5	24.6	36.8

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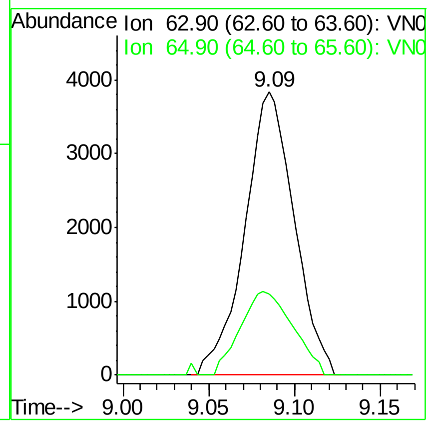
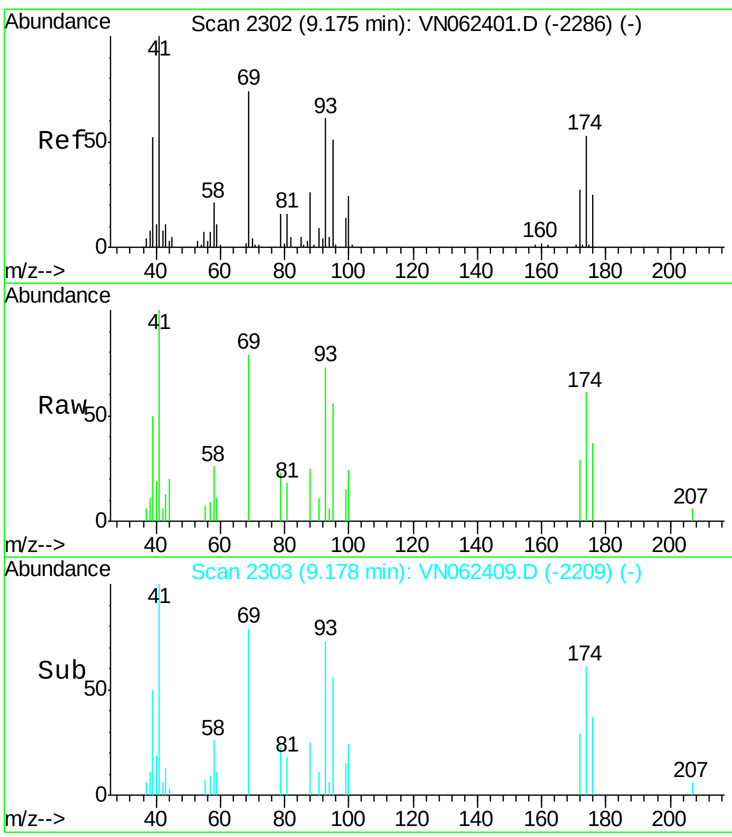
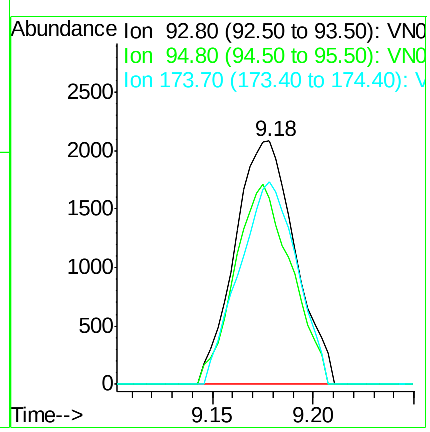


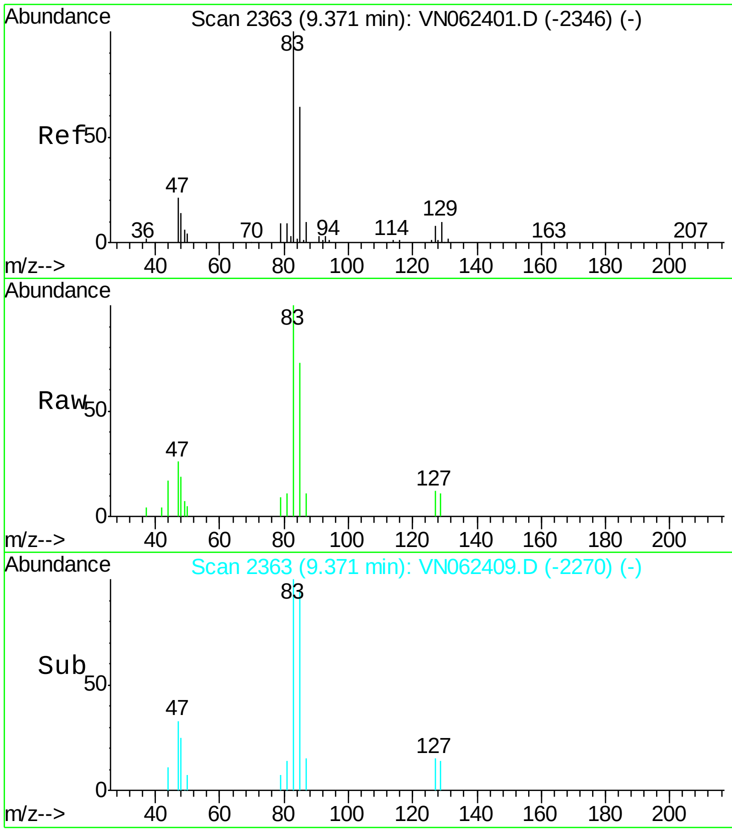


#46
Dibromomethane
Concen: 2.711 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 93 Resp: 4344

Ion	Ratio	Lower	Upper
93	100		
95	77.3	67.1	100.7
174	79.8	70.4	105.6





#47
Bromodichloromethane
Concen: 2.473 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 83 Resp: 8473

Ion	Ratio	Lower	Upper
83	100		
85	73.2	51.2	76.8
127	11.9	6.2	9.2#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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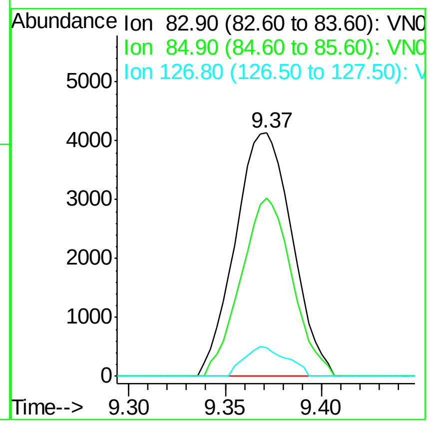
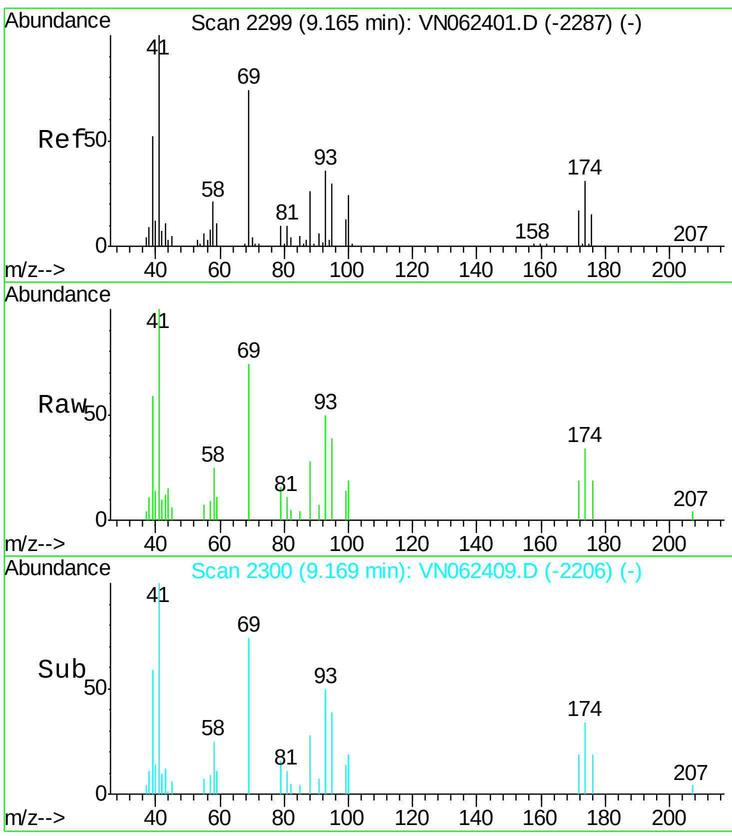
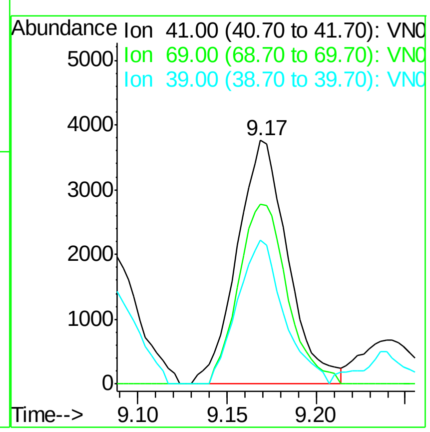


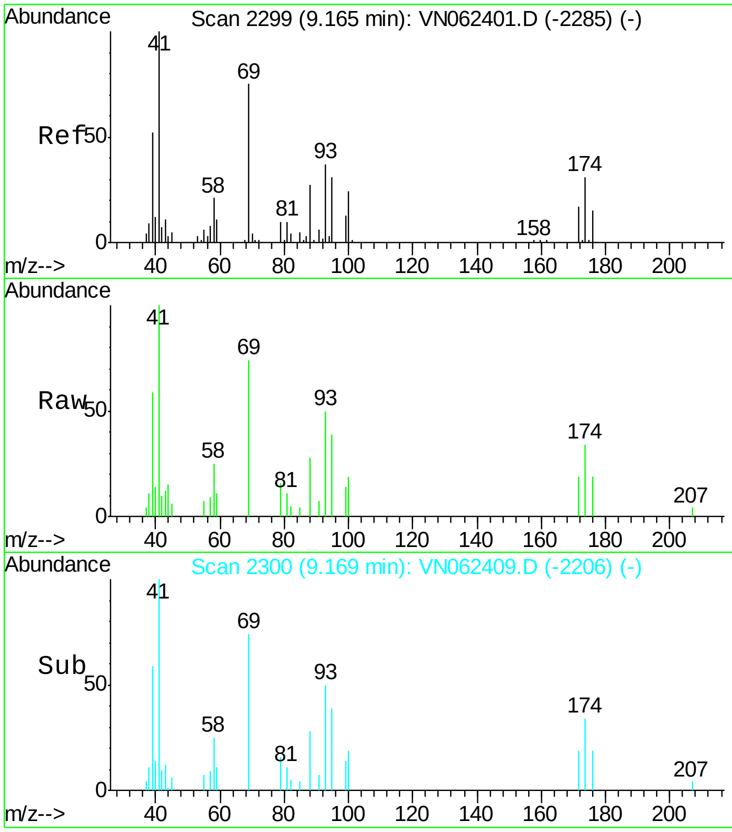


#48
Methyl methacrylate
Concen: 2.497 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 41 Resp: 7509

Ion	Ratio	Lower	Upper
41	100		
69	71.0	60.8	91.2
39	53.7	43.5	65.3





#49
1,4-Dioxane
Concen: 46.720 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 88 Resp: 2045

Ion	Ratio	Lower	Upper
88	100		
43	48.2	31.0	46.4#
58	89.2	63.3	94.9

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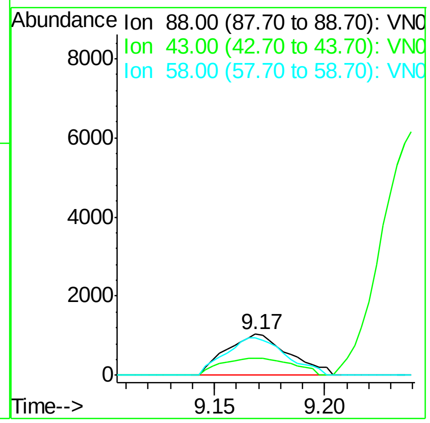
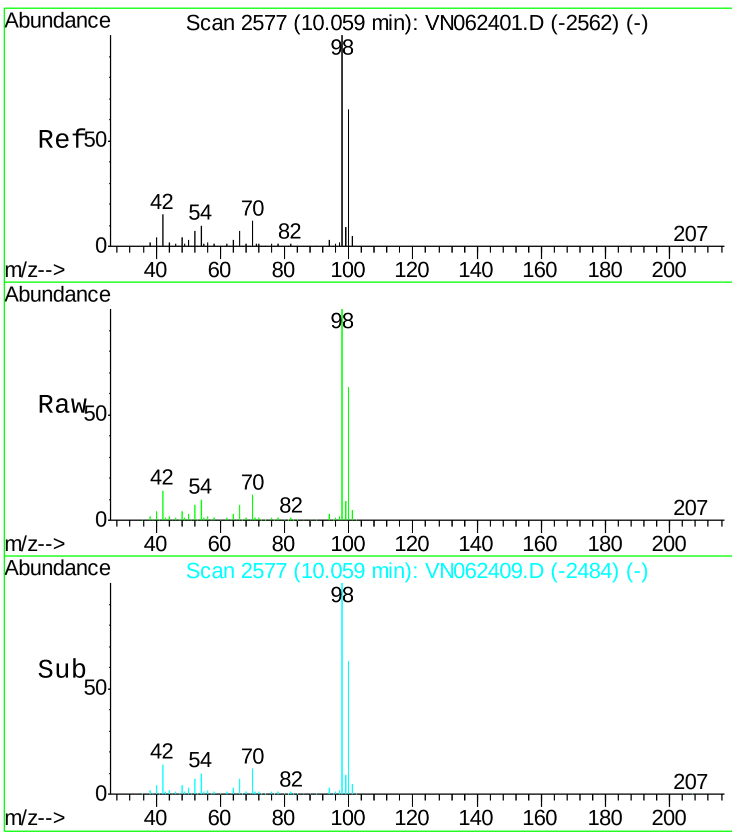
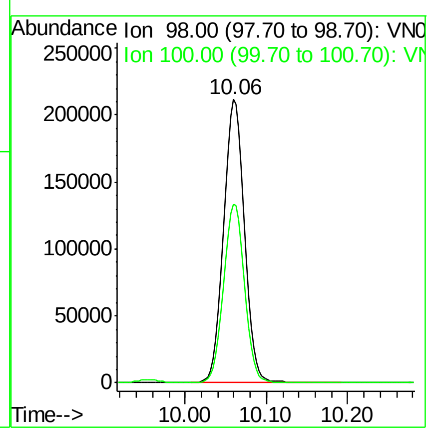


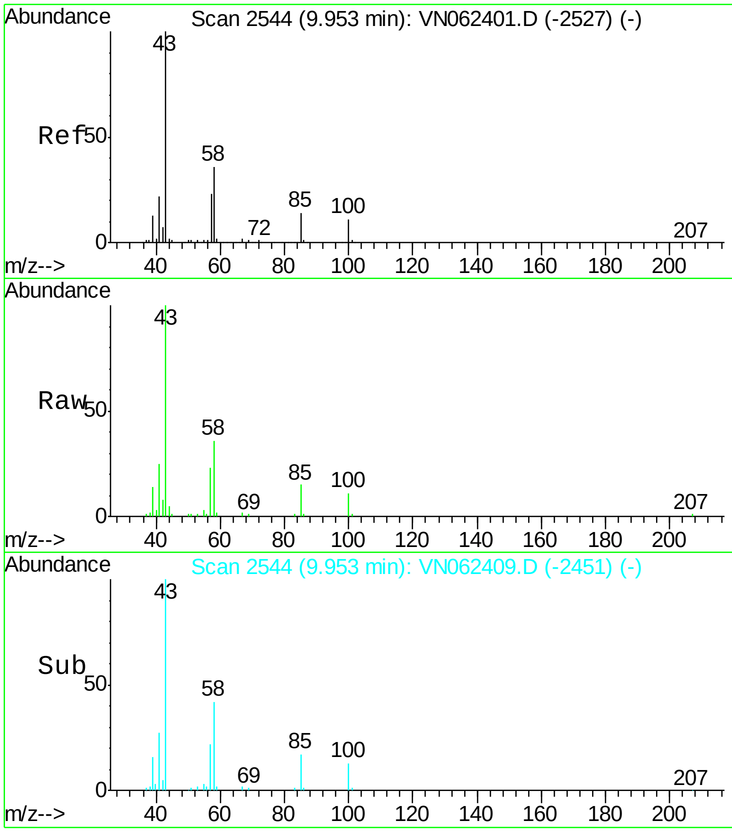


#50
Toluene-d8
Concen: 48.044 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 98 Resp: 386213

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 12.445 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 43 Resp: 45570

Ion	Ratio	Lower	Upper
43	100		
58	35.4	29.0	43.6

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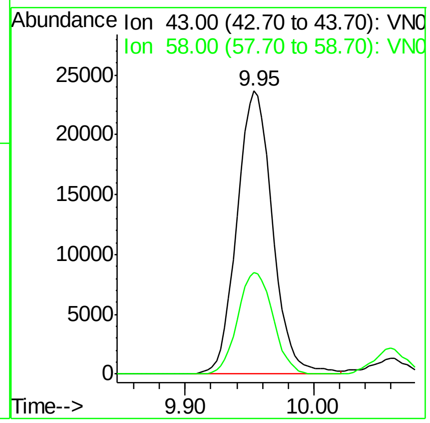
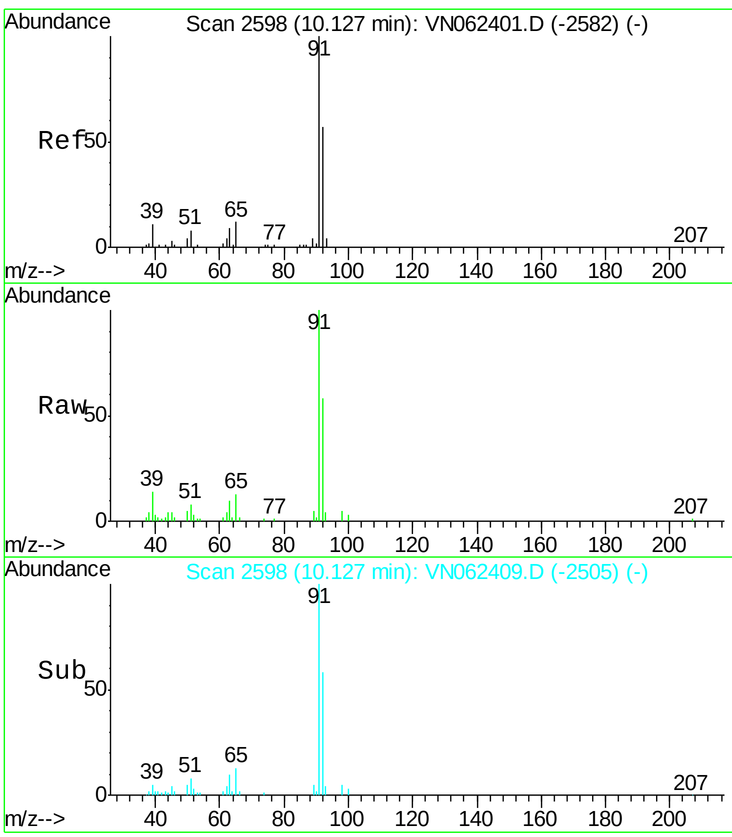
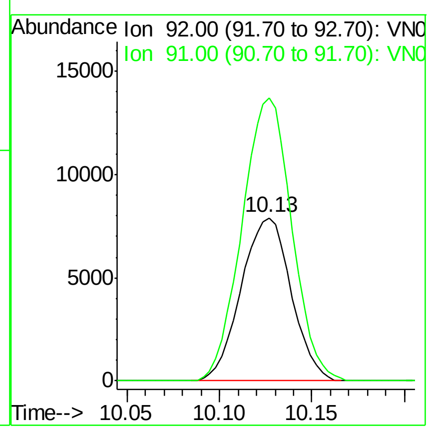




#52
Toluene
Concen: 2.636 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 92 Resp: 14896

Ion	Ratio	Lower	Upper
92	100		
91	172.3	141.0	211.6



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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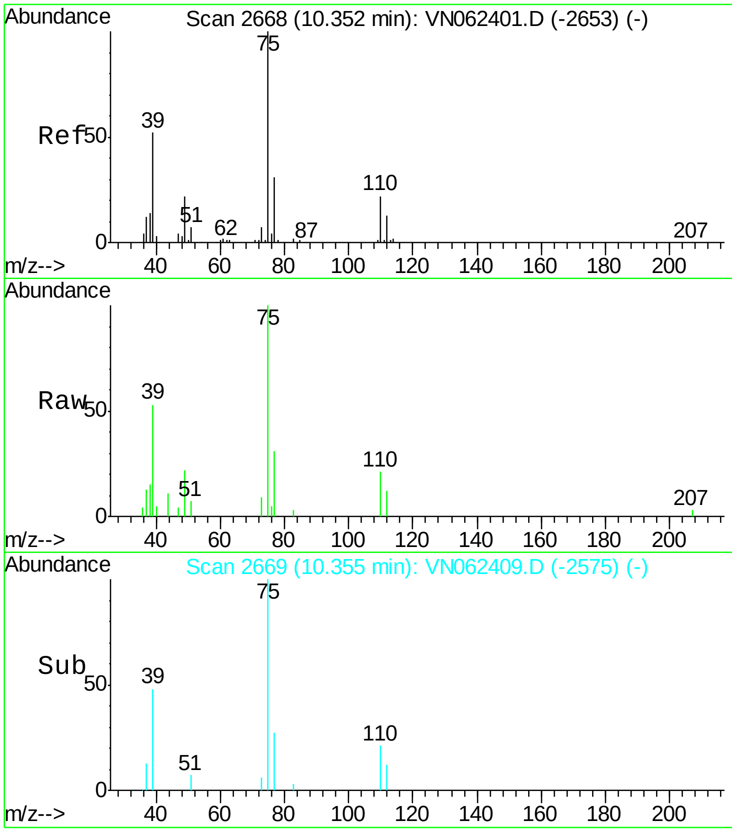
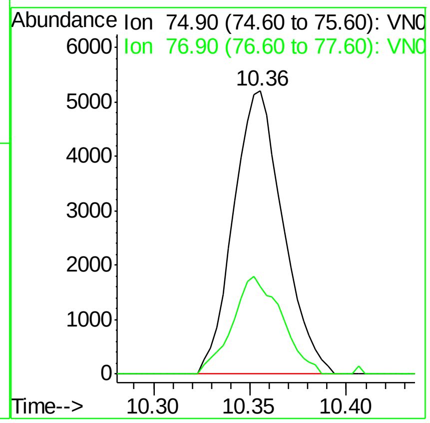
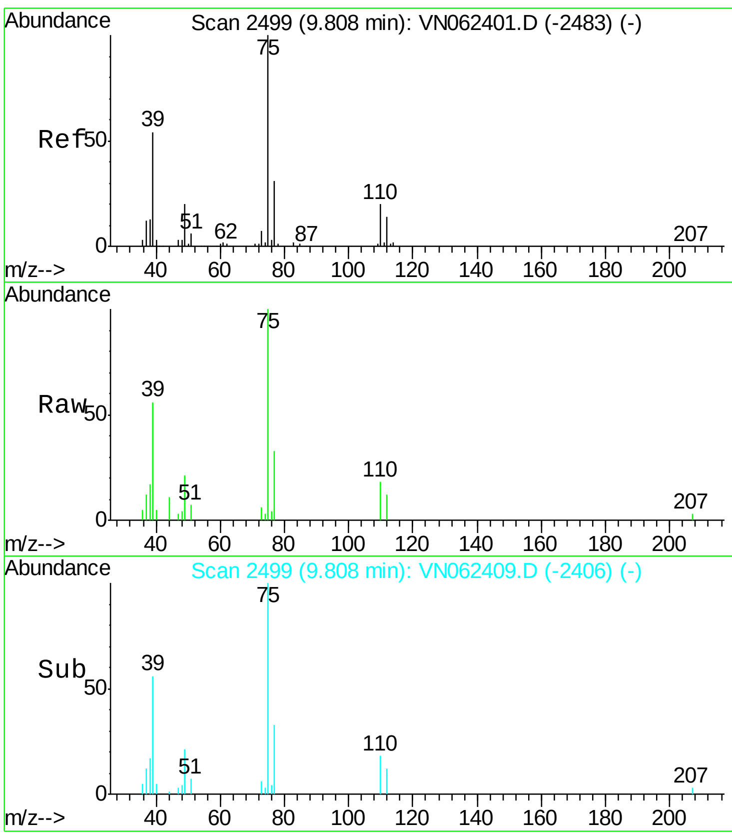


#53
t-1,3-Dichloropropene
Concen: 2.419 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 75 Resp: 9283

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.2	37.8

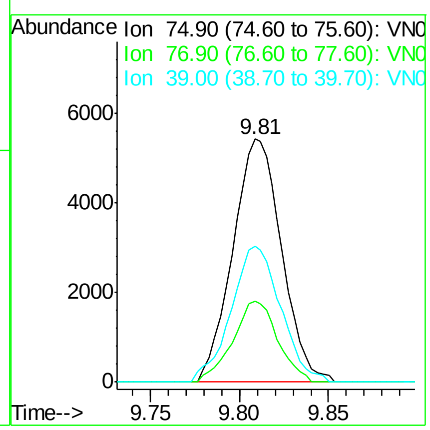


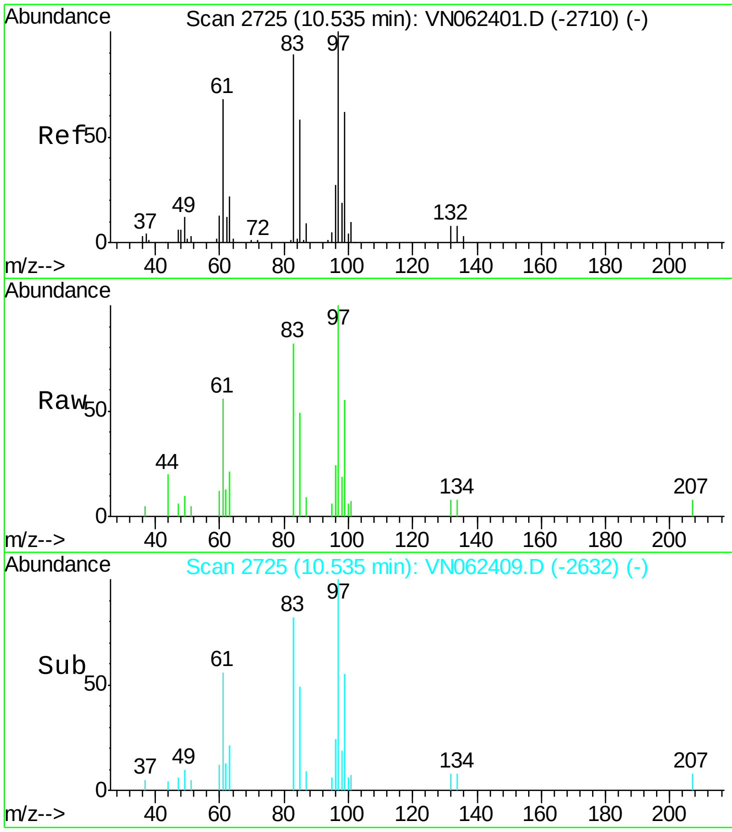


#54
cis-1,3-Dichloropropene
Concen: 2.442 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 75 Resp: 10342

Ion	Ratio	Lower	Upper
75	100		
77	33.2	24.5	36.7
39	55.8	43.4	65.0





#55
1,1,2-Trichloroethane
Concen: 2.763 ug/l
RT: 10.54 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 97 Resp: 6139

Ion	Ratio	Lower	Upper
97	100		
83	82.1	71.0	106.4
85	49.4	46.2	69.4
99	55.3	49.7	74.5

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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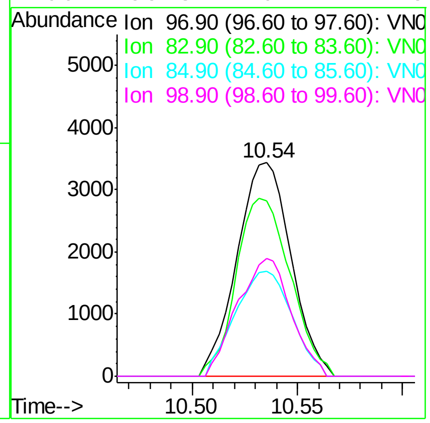
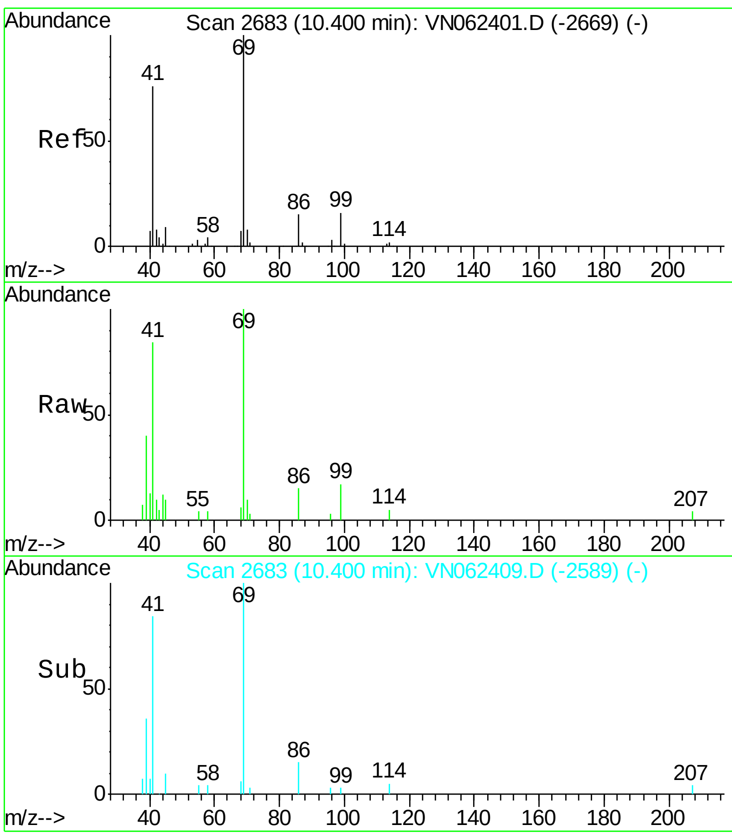
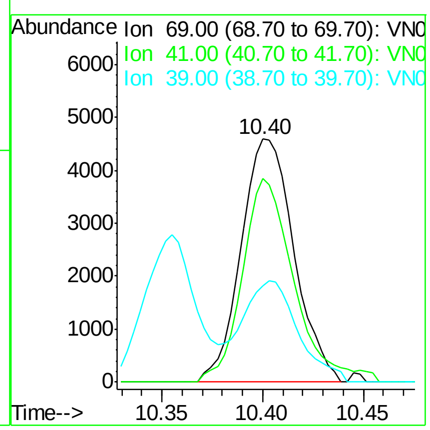




#56
Ethyl methacrylate
Concen: 2.273 ug/l
RT: 10.40 min Scan# 2683
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 69 Resp: 8442

Ion	Ratio	Lower	Upper
69	100		
41	81.8	59.7	89.5
39	43.5	30.6	45.8



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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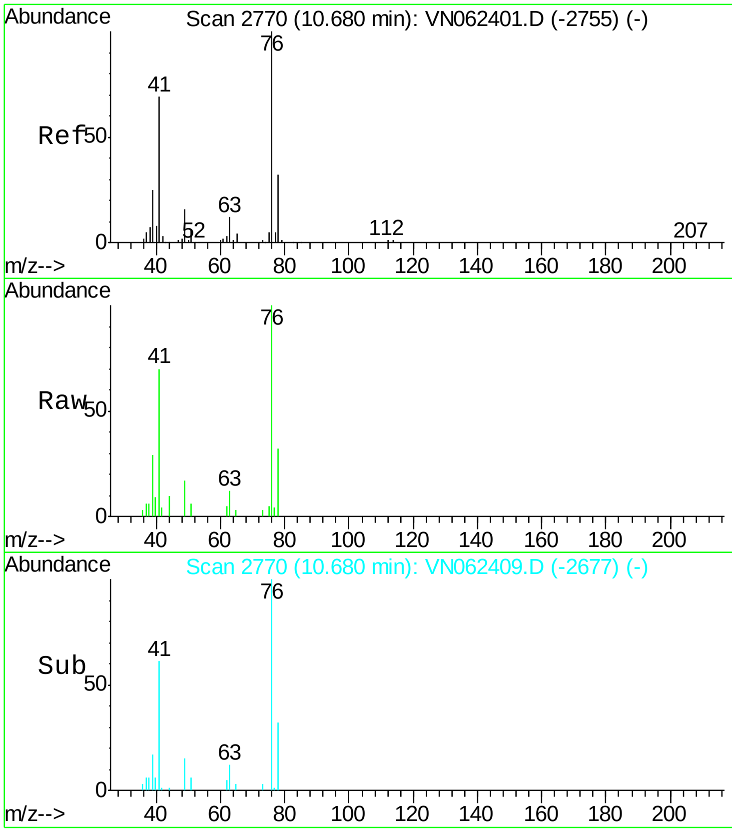
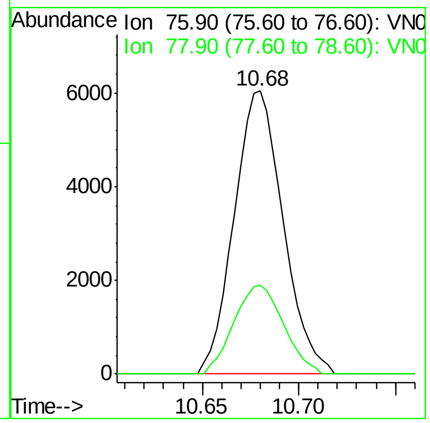
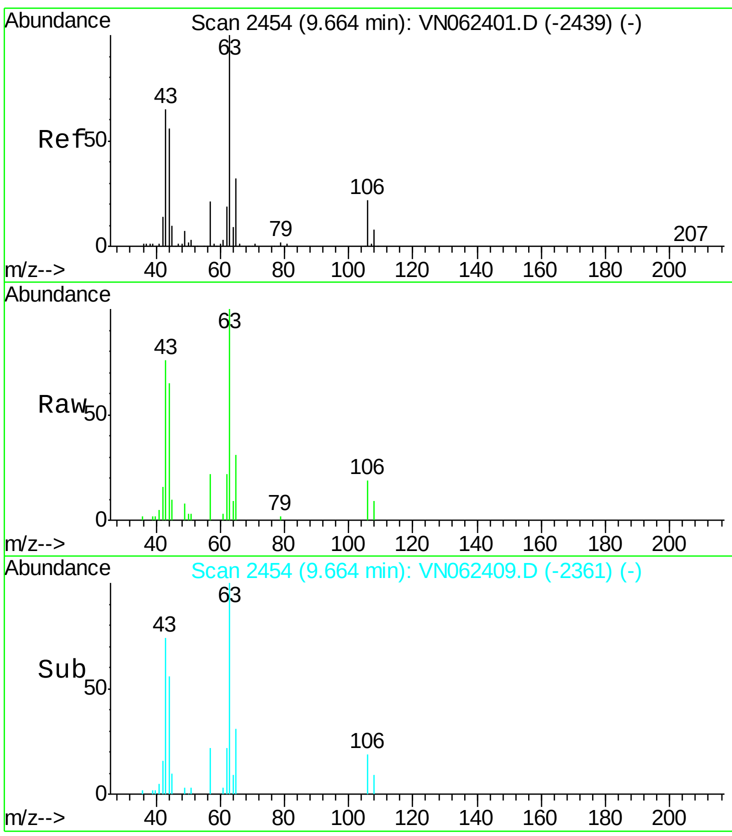


#57
1,3-Dichloropropane
Concen: 2.594 ug/l
RT: 10.68 min Scan# 2770
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 76 Resp: 10649

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.6	38.4

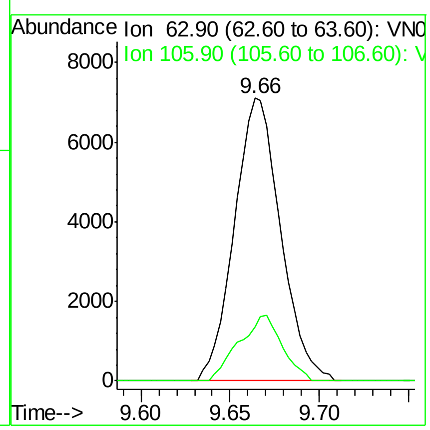


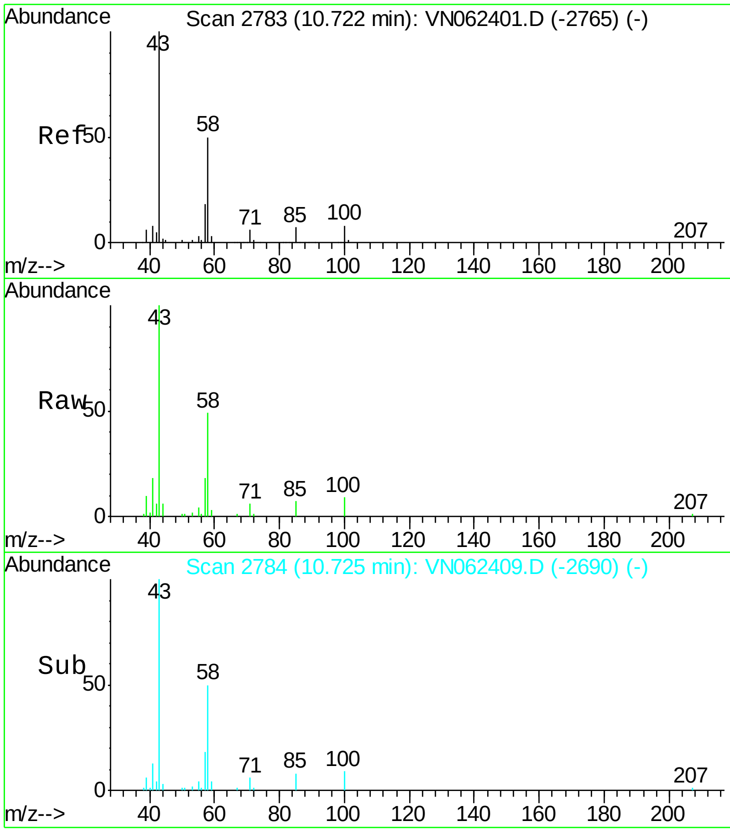


#58
2-Chloroethyl Vinyl ether
Concen: 9.734 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 63 Resp: 12832

Ion	Ratio	Lower	Upper
63	100		
106	21.8	17.6	26.4





#59
2-Hexanone
Concen: 11.927 ug/l
RT: 10.72 min   Scan# 2784
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020   15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion: 43 Resp: 31706

Ion	Ratio	Lower	Upper
43	100		
58	47.0	25.1	75.2

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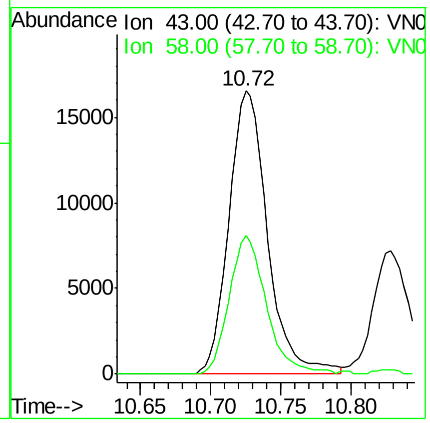
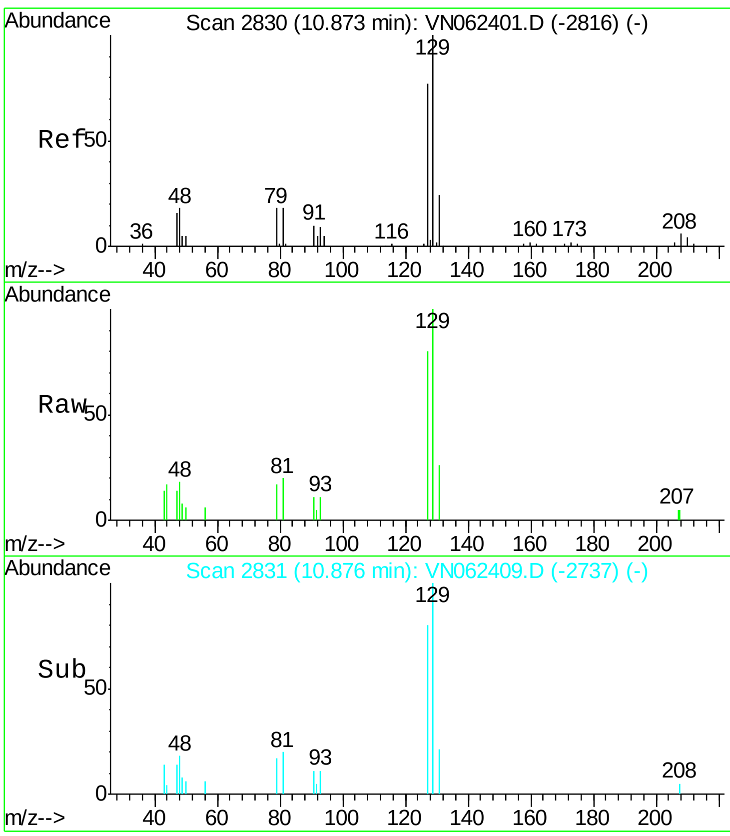
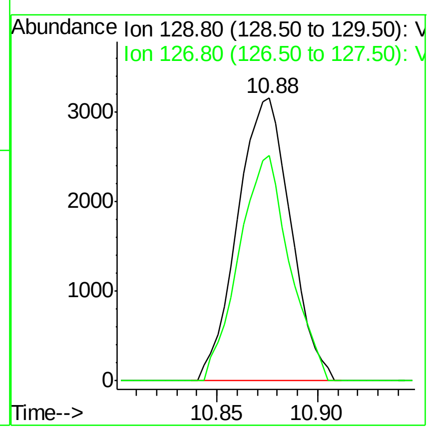




#60
Dibromochloromethane
Concen: 2.414 ug/l
RT: 10.88 min   Scan# 2831
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020   15:49

Tgt Ion:129 Resp: 5817

Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.6	115.8



#61
1,2-Dibromoethane
Concen: 2.700 ug/l
RT: 10.98 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:107 Resp: 6056

Ion	Ratio	Lower	Upper
107	100		
109	87.2	75.6	113.4

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
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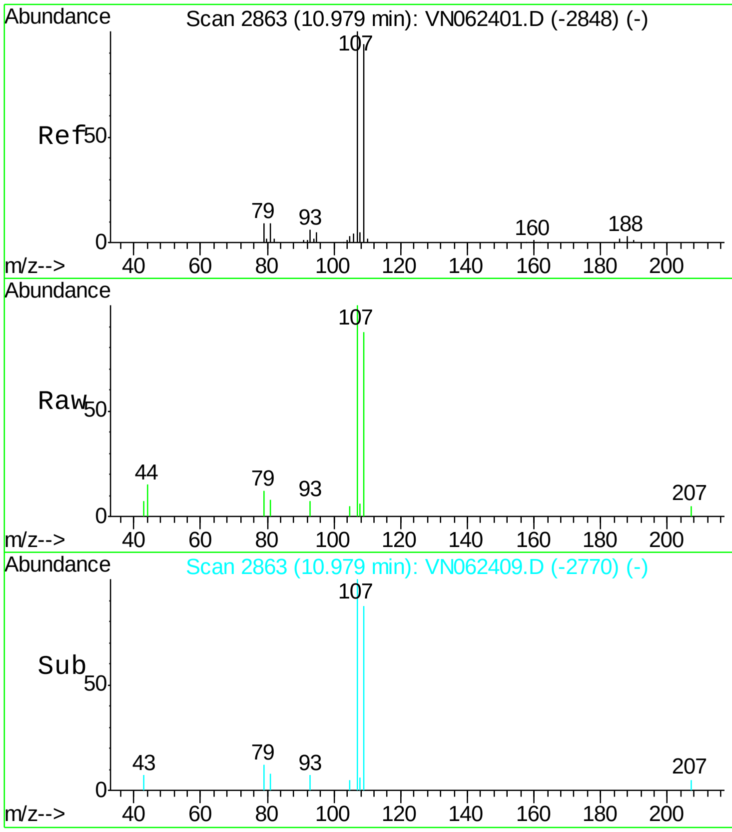
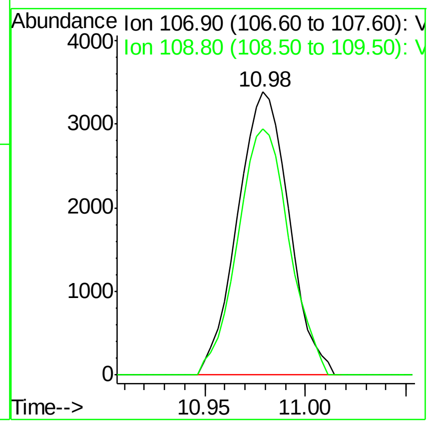
7/9/2020 10:55:06 AM

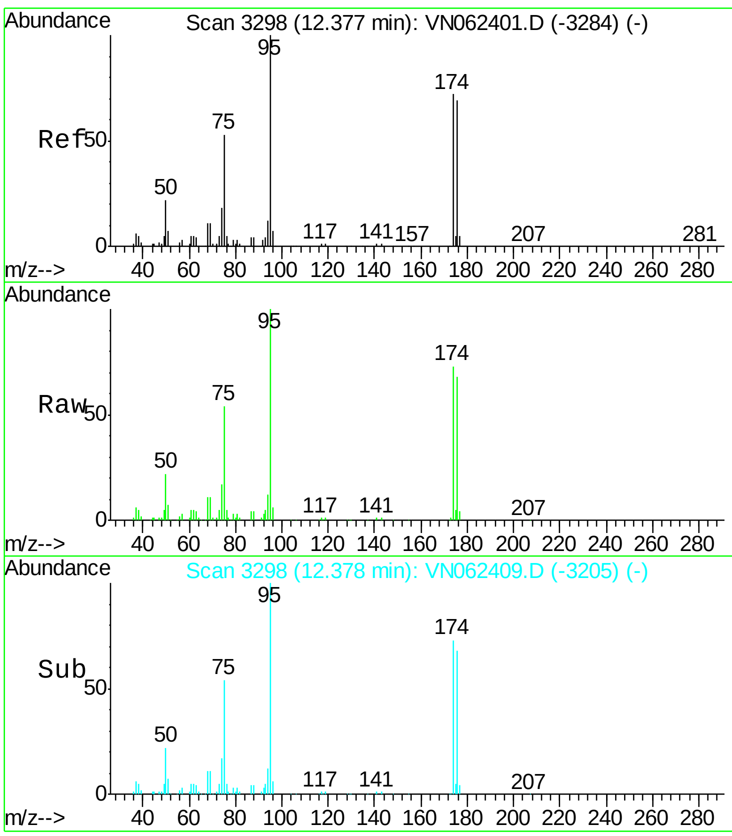


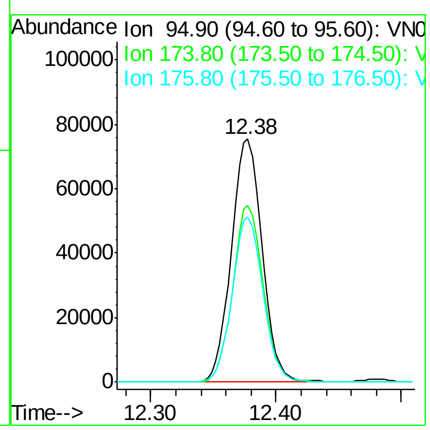


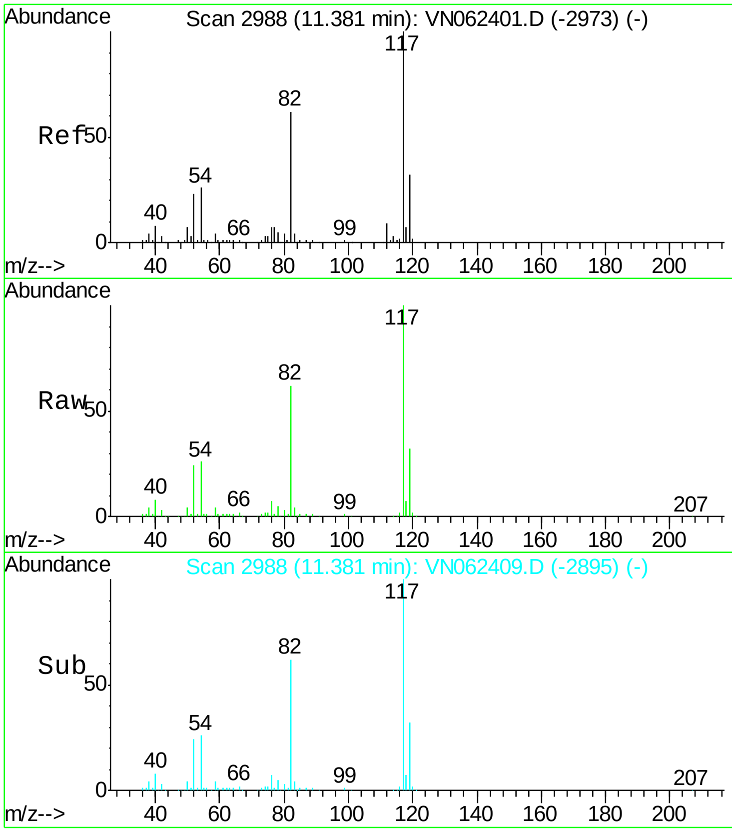
#62
4-Bromofluorobenzene
Concen: 43.923 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 95 Resp: 129027

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	141.6
176	67.8	0.0	137.2







#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:117 Resp: 296615

Ion	Ratio	Lower	Upper
117	100		
82	62.2	49.6	74.4
119	31.7	25.4	38.0

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

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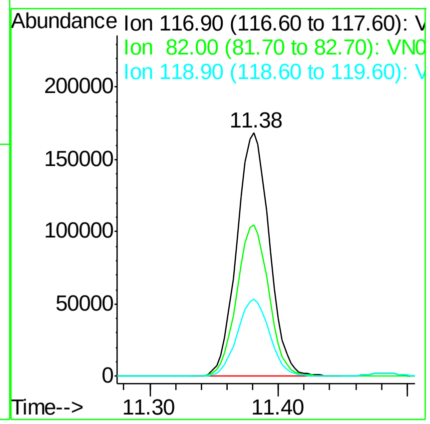
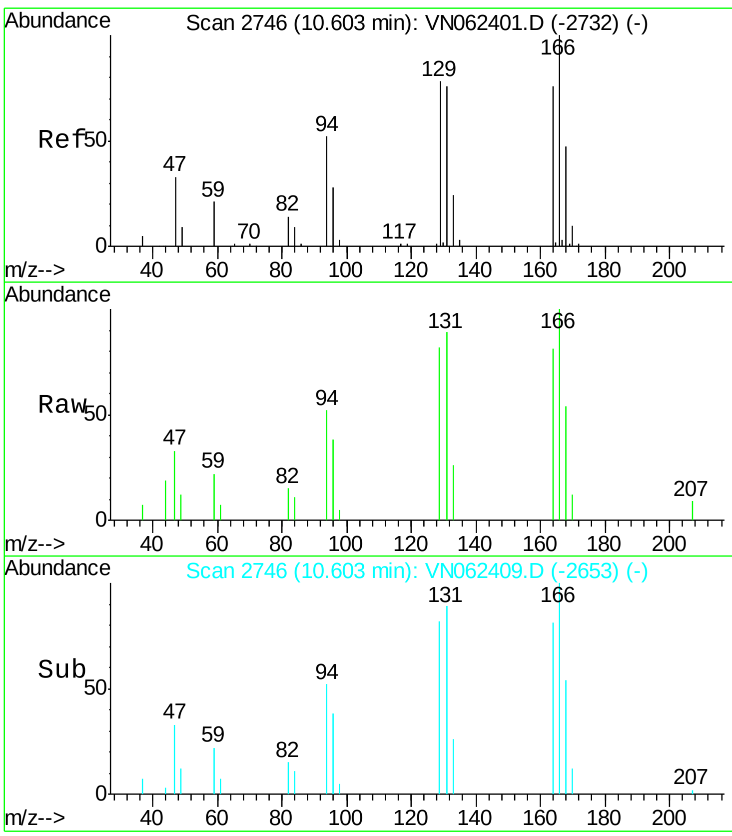
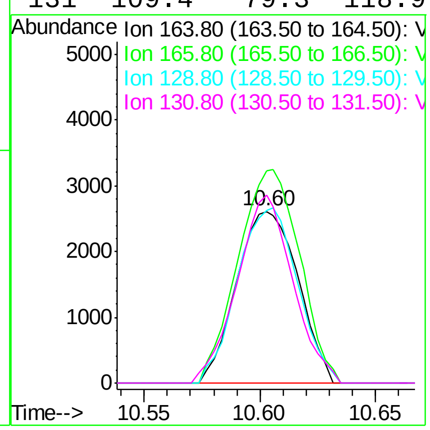


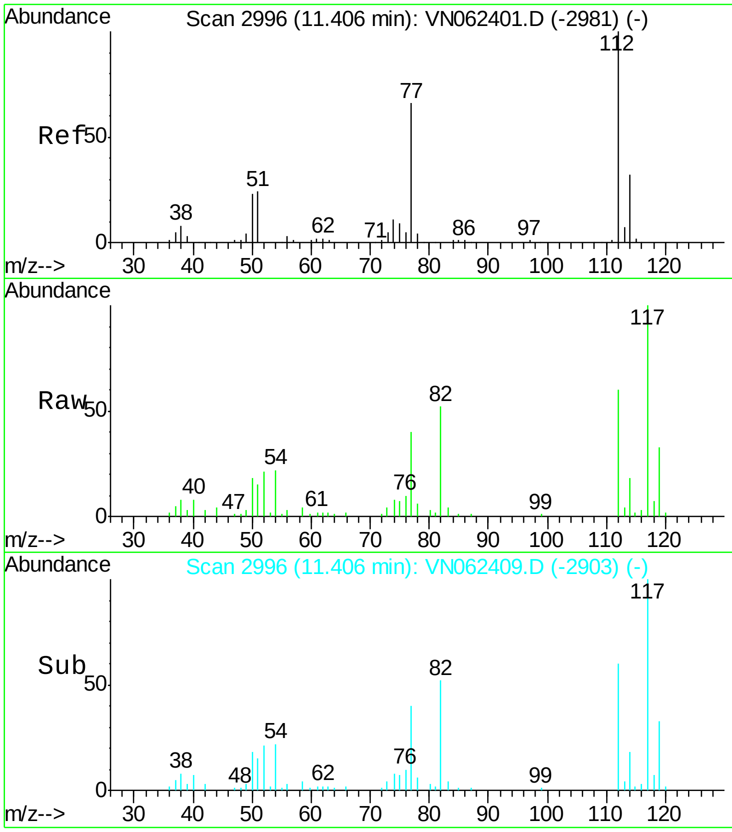


#64
Tetrachloroethene
Concen: 2.740 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:164 Resp: 4822

Ion	Ratio	Lower	Upper
164	100		
166	123.2	104.9	157.3
129	100.5	81.8	122.6
131	109.4	79.3	118.9





#65
Chlorobenzene
Concen: 2.689 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:112 Resp: 15504

Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.9	38.9

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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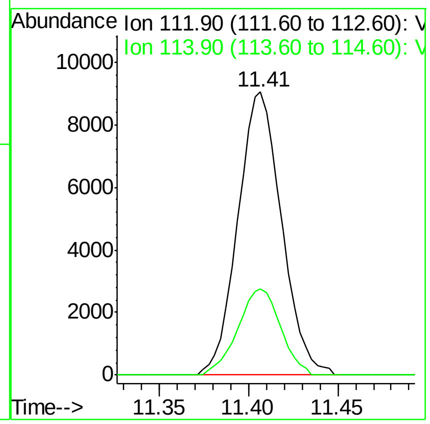
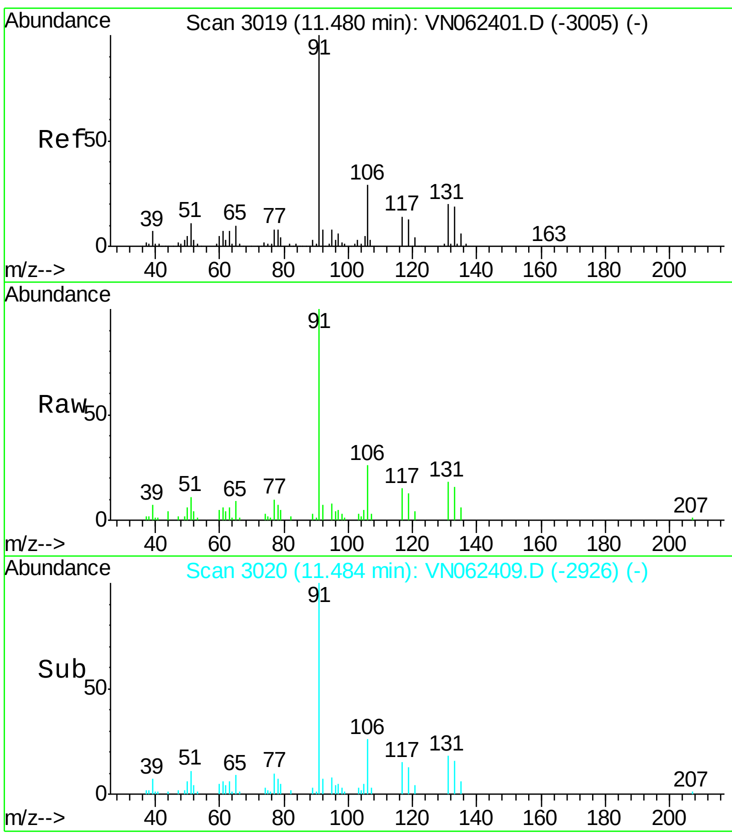
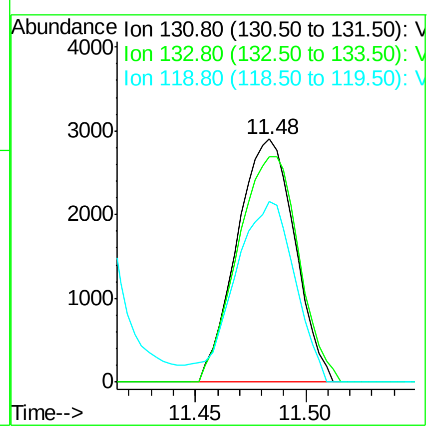


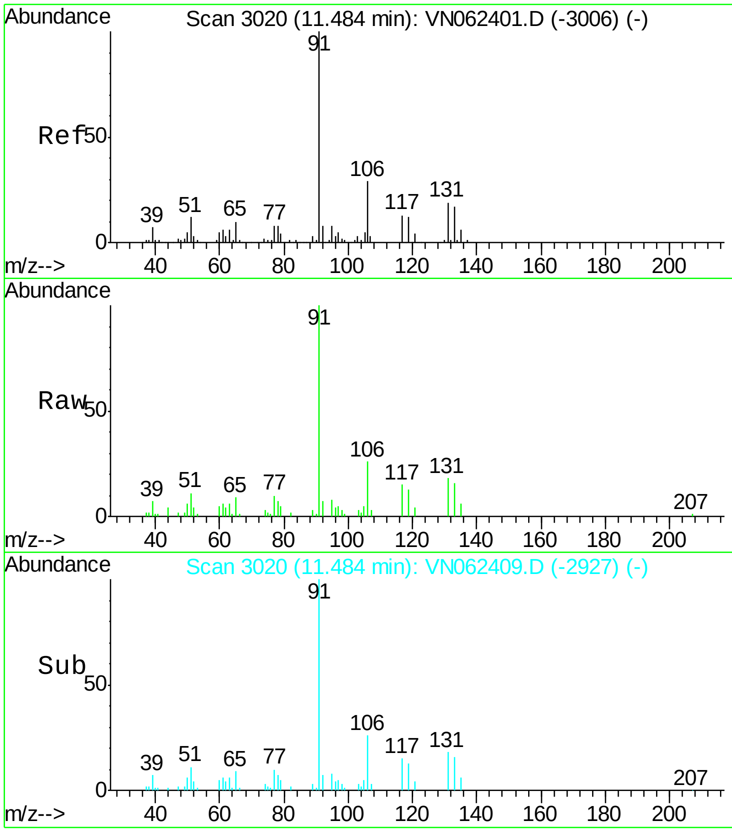


#66
1,1,1,2-Tetrachloroethane
Concen: 2.491 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:131 Resp: 5296

Ion	Ratio	Lower	Upper
131	100		
133	97.9	46.9	140.8
119	76.4	33.2	99.6





#67
Ethyl Benzene
Concen: 2.507 ug/l
RT: 11.48 min   Scan# 3020
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 91 Resp: 27127

Ion	Ratio	Lower	Upper
91	100		
106	26.5	23.4	35.2

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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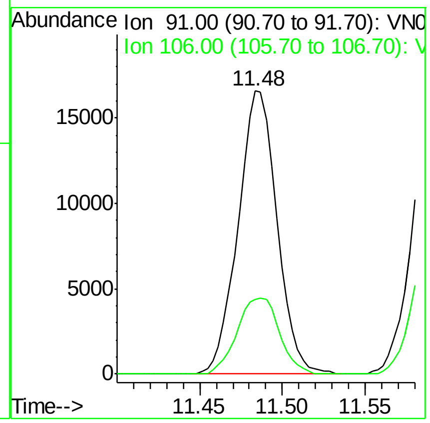
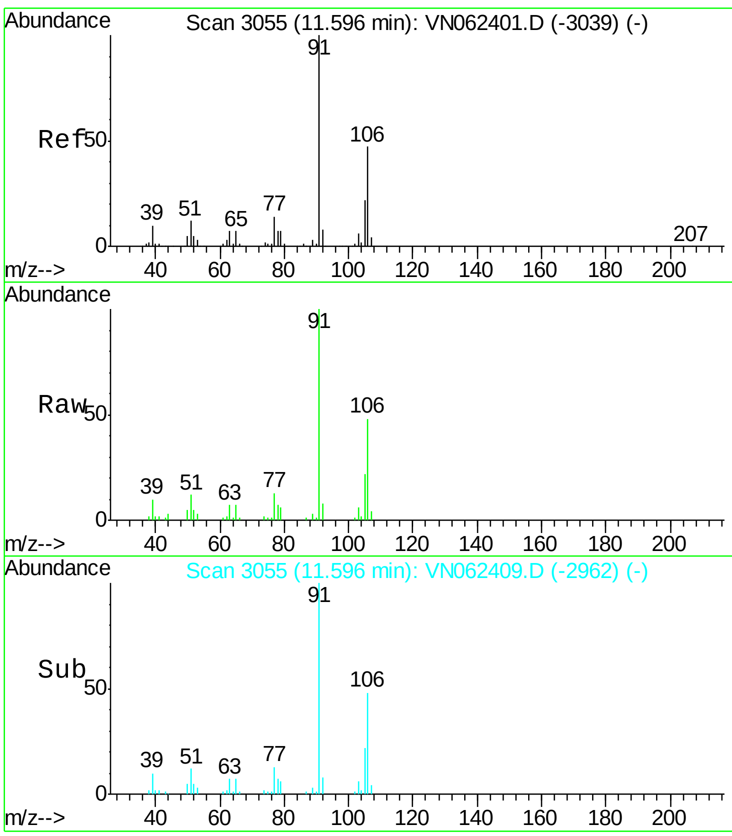
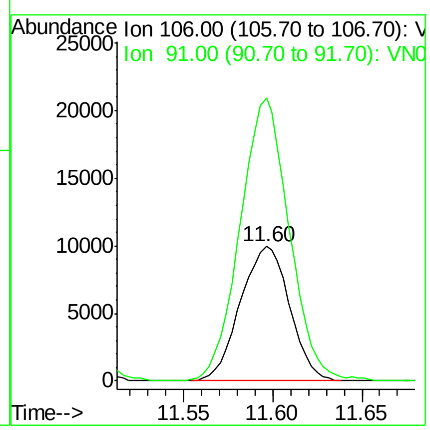


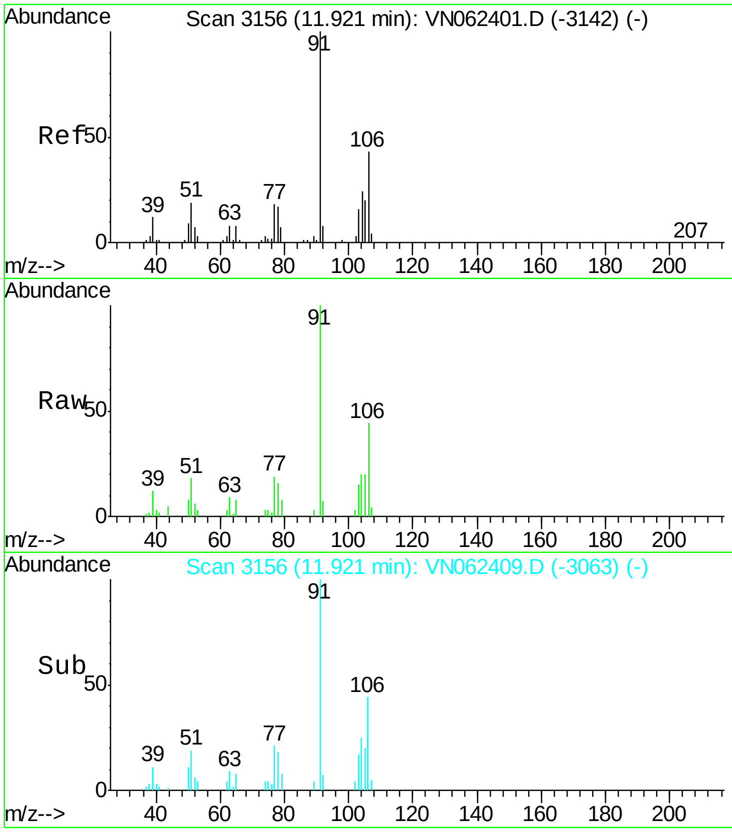


#68
m/p-Xylenes
Concen: 5.011 ug/l
RT: 11.60 min   Scan# 3055
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:106 Resp: 19194

Ion	Ratio	Lower	Upper
106	100		
91	210.3	172.4	258.6






```
#69
o-Xylene
Concen:    2.448 ug/l
RT: 11.92 min  Scan# 3156
Delta R.T.   0.00 min
Lab File:   VN062409.D
Acq:  8 Jul 2020  15:49

Tgt Ion:106 Resp:    9130
Ion  Ratio  Lower  Upper
106  100
 91  221.1  113.8  341.4
```

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
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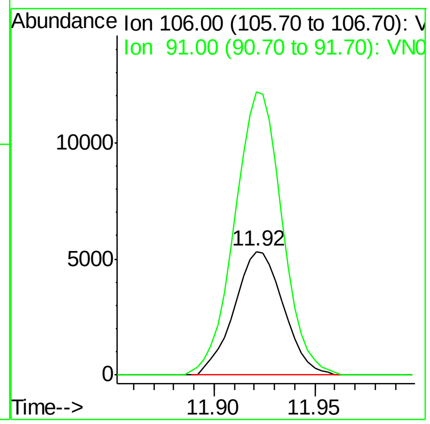
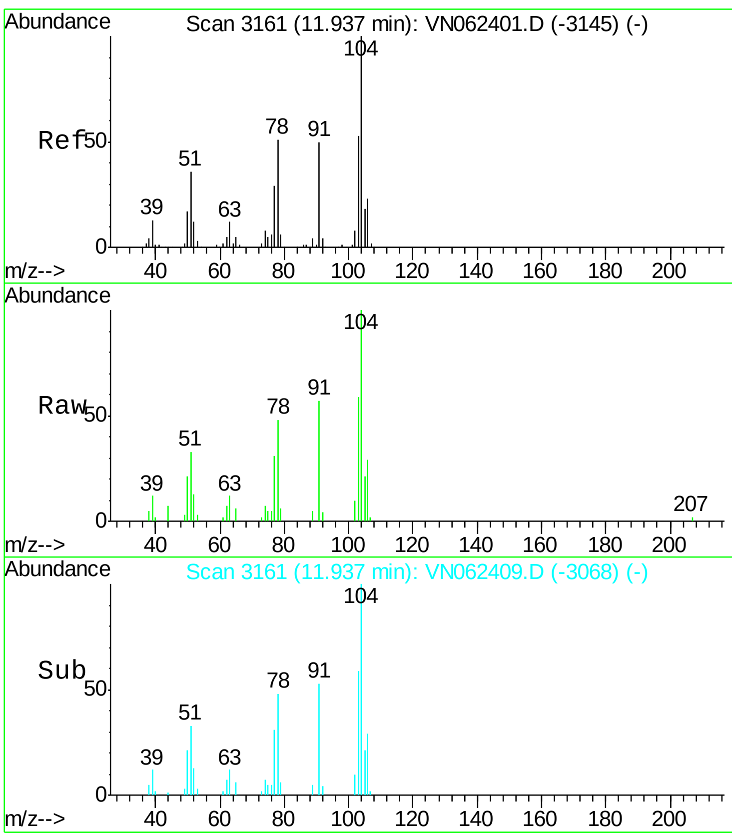
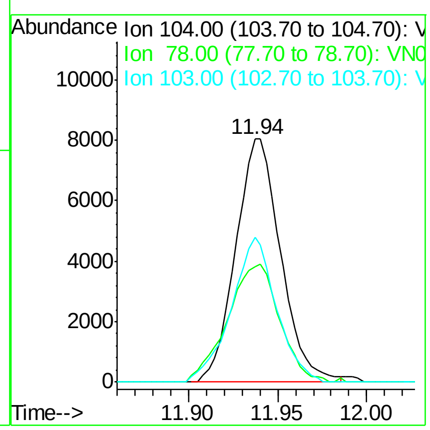
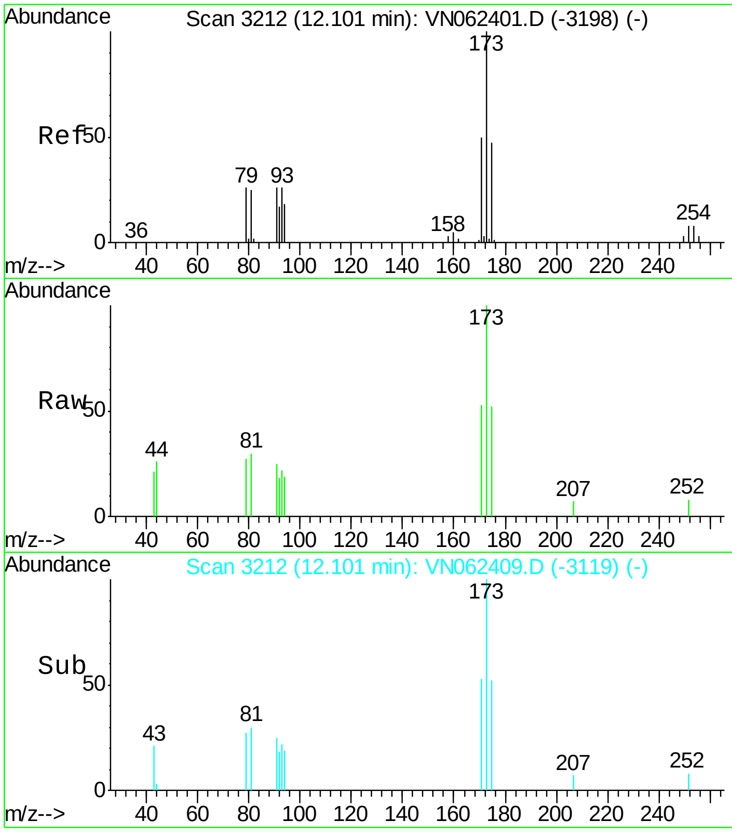





```
#70
Styrene
Concen:    2.303 ug/l
RT: 11.94 min  Scan# 3161
Delta R.T.   0.00 min
Lab File:   VN062409.D
Acq:  8 Jul 2020  15:49

Tgt Ion:104 Resp:   14196
Ion  Ratio  Lower  Upper
104  100
 78   55.9   44.2   66.4
103   59.4   44.4   66.6
```





#71
Bromoform
Concen: 2.429 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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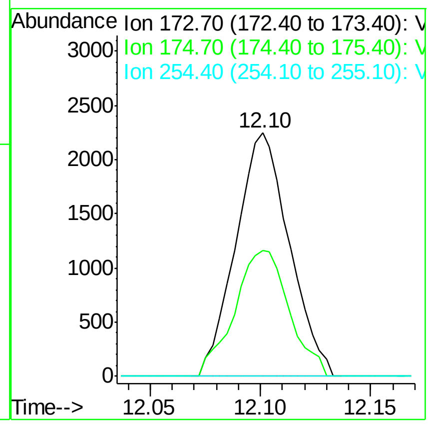
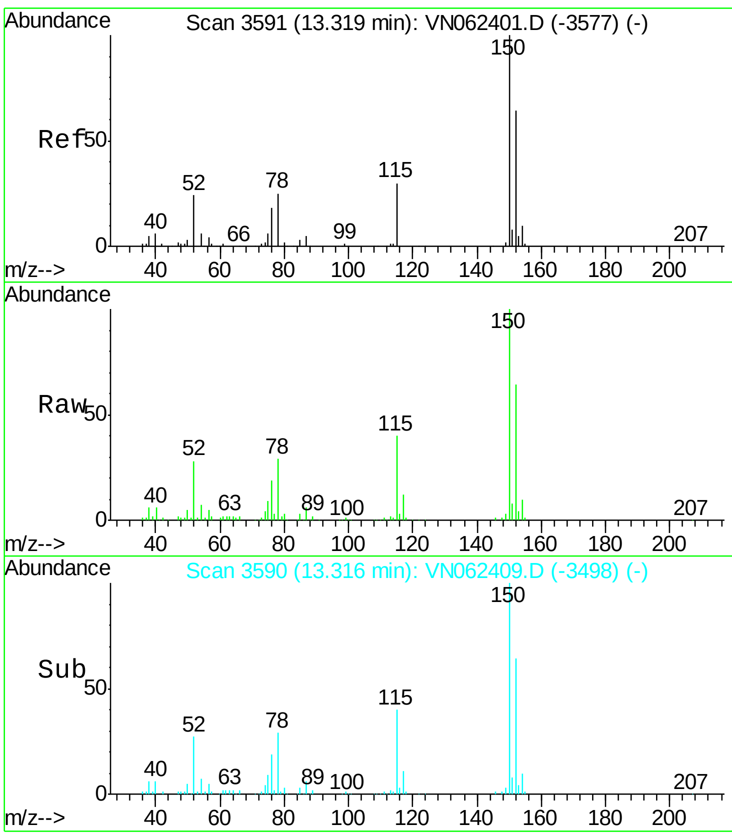
Tgt Ion:173 Resp: 3785

Ion	Ratio	Lower	Upper
173	100		
175	52.7	23.7	71.1
254	0.0	0.0	0.0

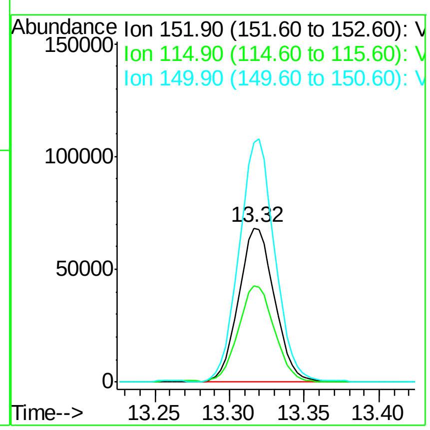


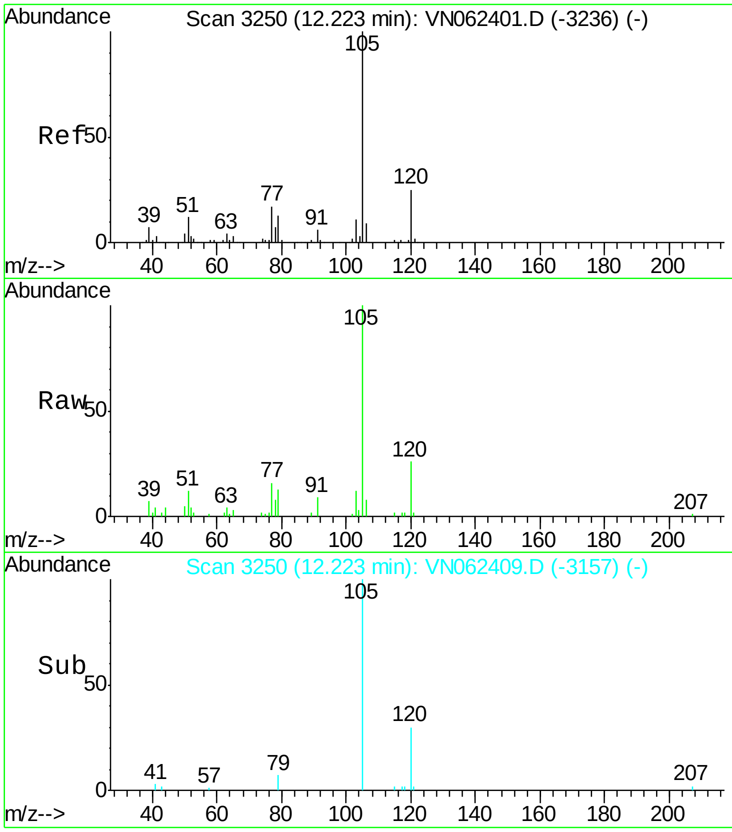


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:152 Resp: 114650

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.4	94.2
150	157.8	0.0	347.4





#73
Isopropylbenzene
Concen: 2.768 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

Tgt Ion:105 Resp: 24561

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.7	38.1

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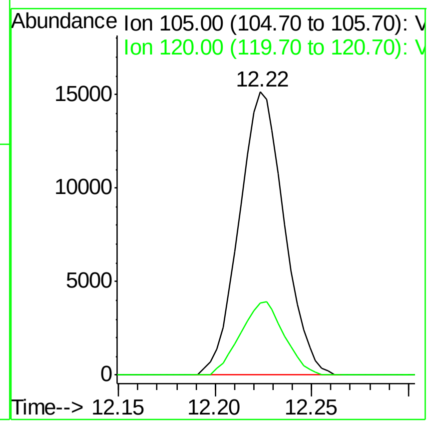
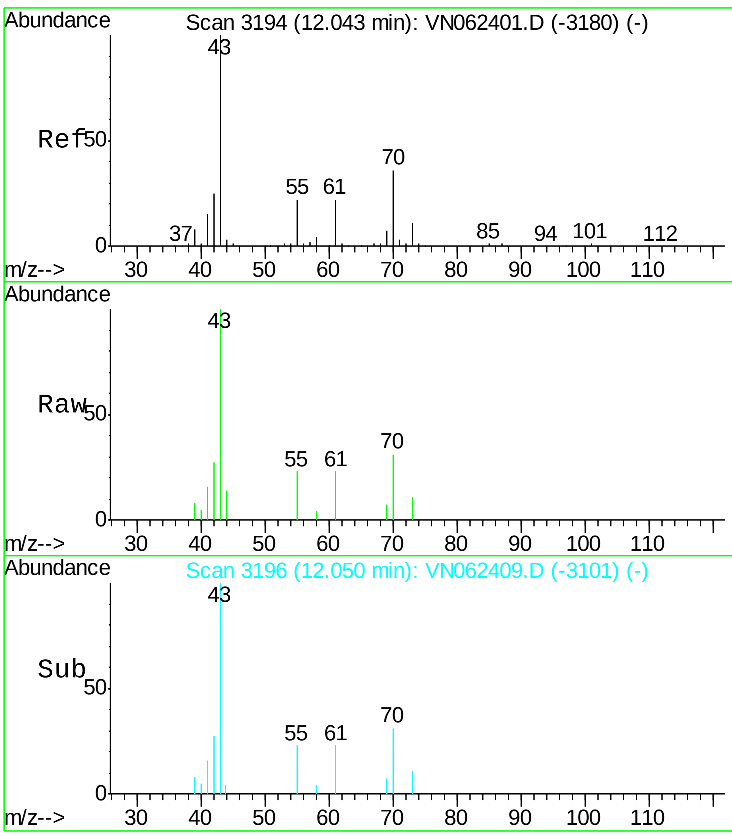
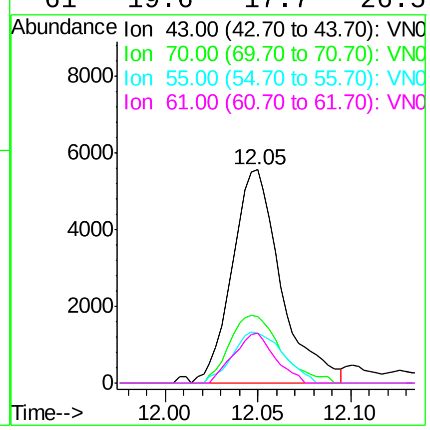


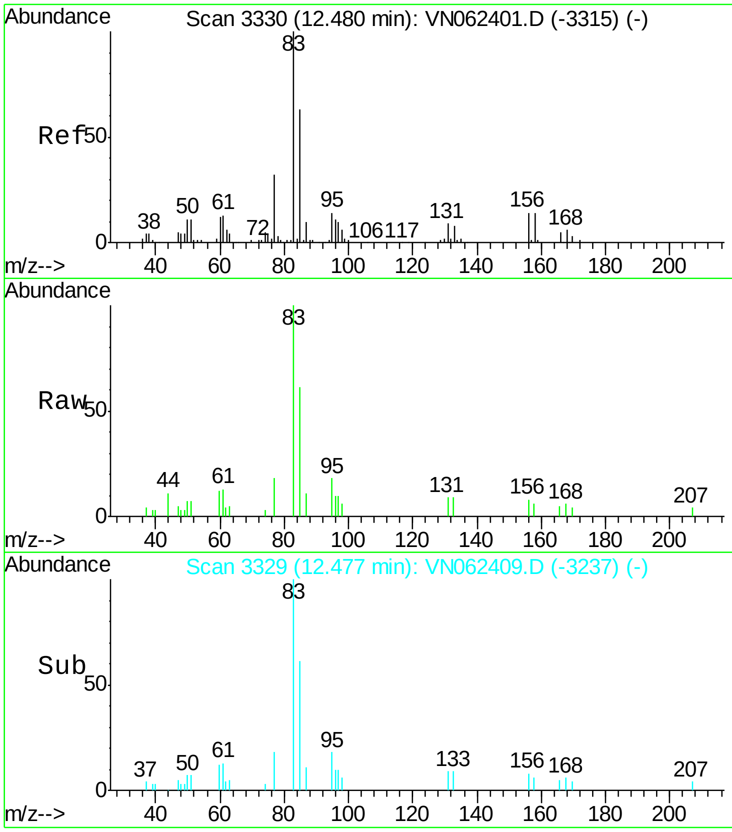


#74
N-amyl acetate
Concen: 2.359 ug/l
RT: 12.05 min Scan# 3196
Delta R.T. 0.01 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 43 Resp: 10186

Ion	Ratio	Lower	Upper
43	100		
70	33.1	30.0	45.0
55	24.6	18.2	27.4
61	19.6	17.7	26.5





#75
1,1,2,2-Tetrachloroethane
Concen: 3.071 ug/l
RT: 12.48 min Scan# 3329
Delta R.T.   -0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
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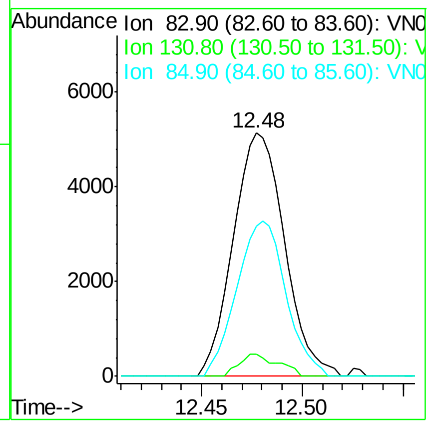
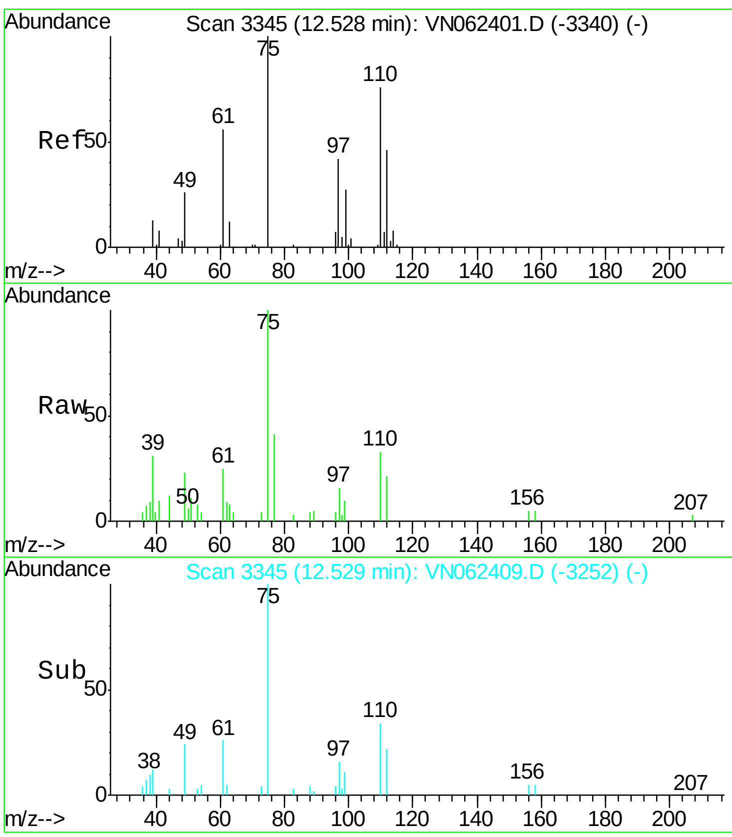
Tgt Ion: 83 Resp: 9162

Ion	Ratio	Lower	Upper
83	100		
131	6.9	4.5	13.5
85	61.1	31.9	95.9

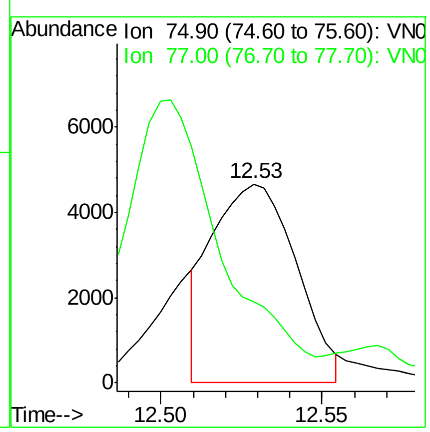


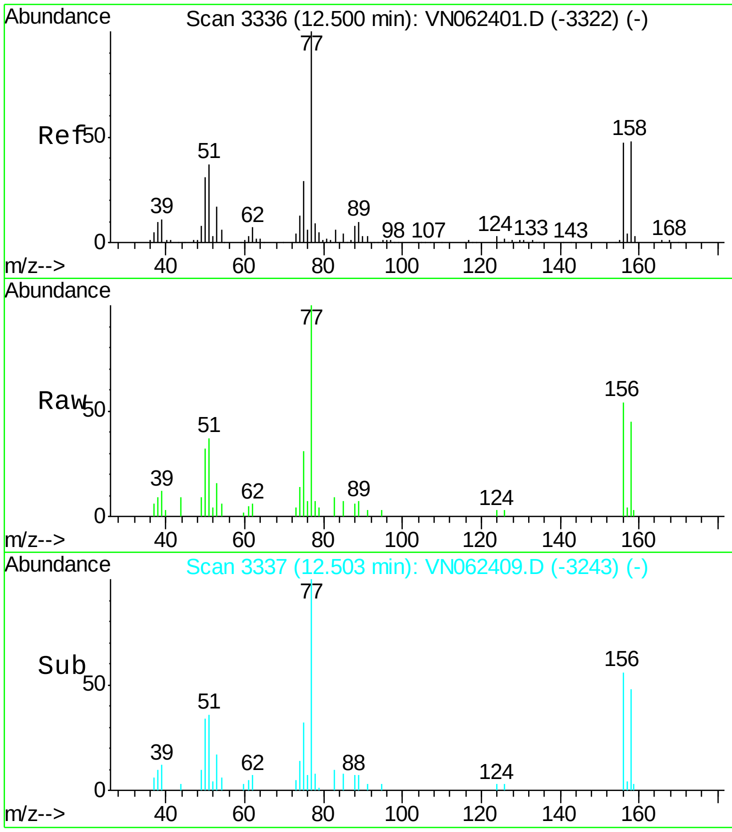


#76
1,2,3-Trichloropropane
Concen: 3.032 ug/l m
RT: 12.53 min Scan# 3345
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 75 Resp: 8529

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 2.939 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

Tgt Ion:156 Resp: 5927

Ion	Ratio	Lower	Upper
156	100		
77	237.8	126.4	379.3
158	92.1	49.8	149.4

Manual Integrations APPROVED
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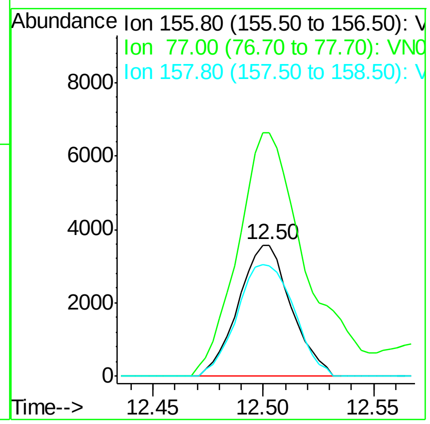
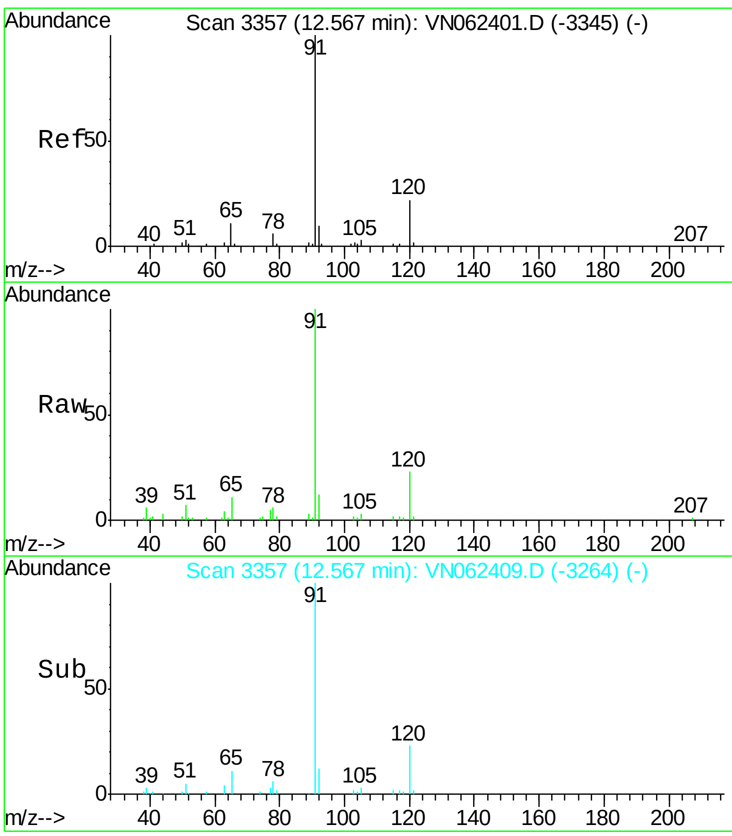
7/9/2020 10:55:06 AM

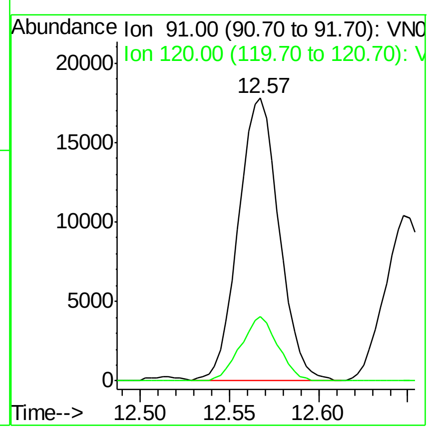


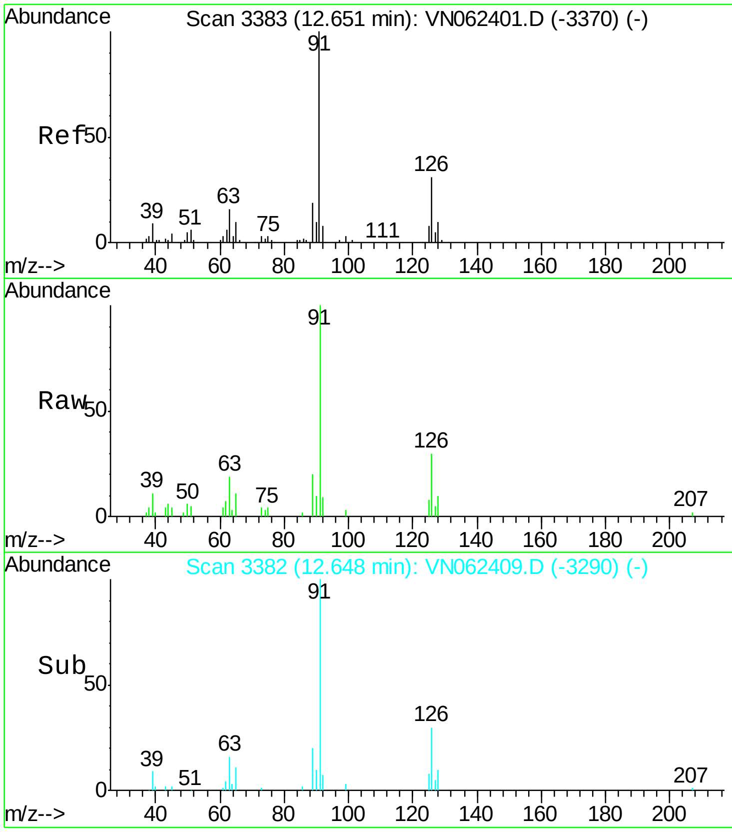


#78
n-propylbenzene
Concen: 2.750 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 91 Resp: 28501

Ion	Ratio	Lower	Upper
91	100		
120	20.9	10.7	32.1





#79
2-Chlorotoluene
Concen: 2.789 ug/l
RT: 12.65 min Scan# 3382
Delta R.T. -0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 91 Resp: 17541

Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.6	46.7

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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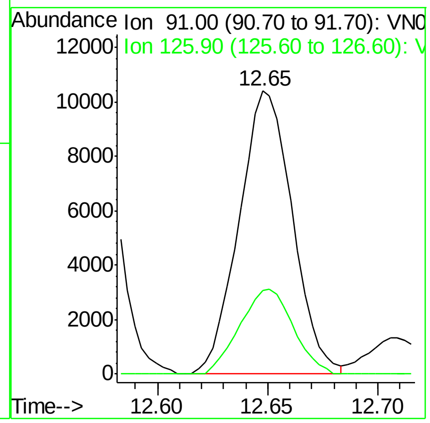
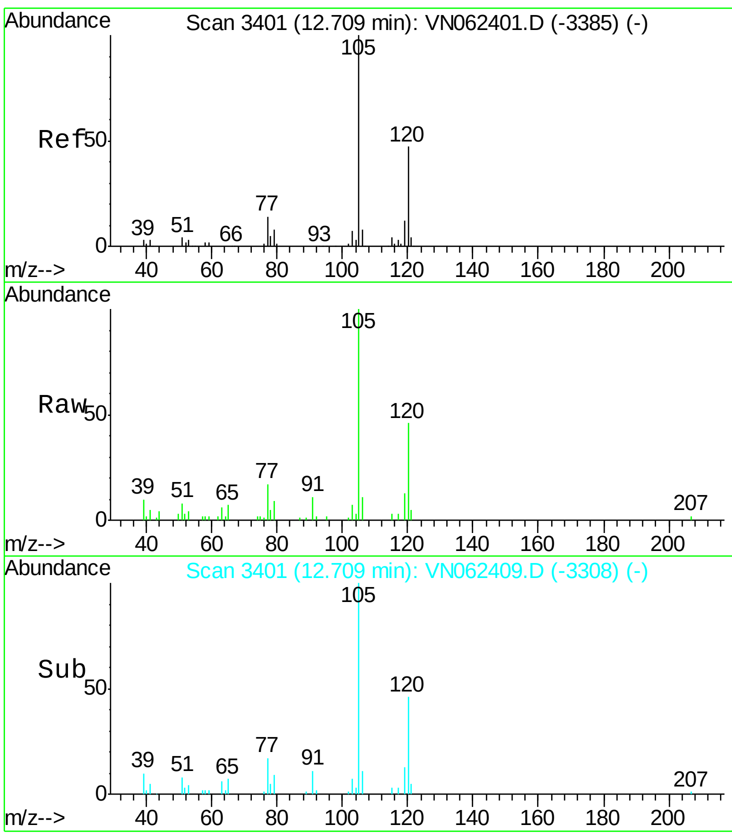
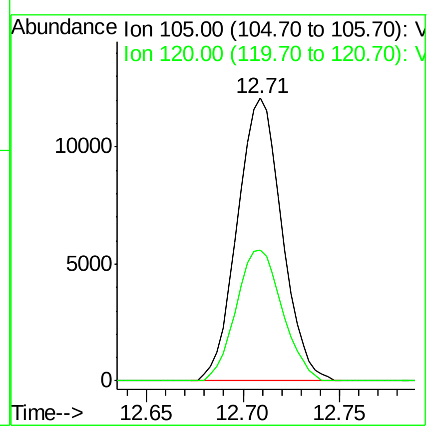


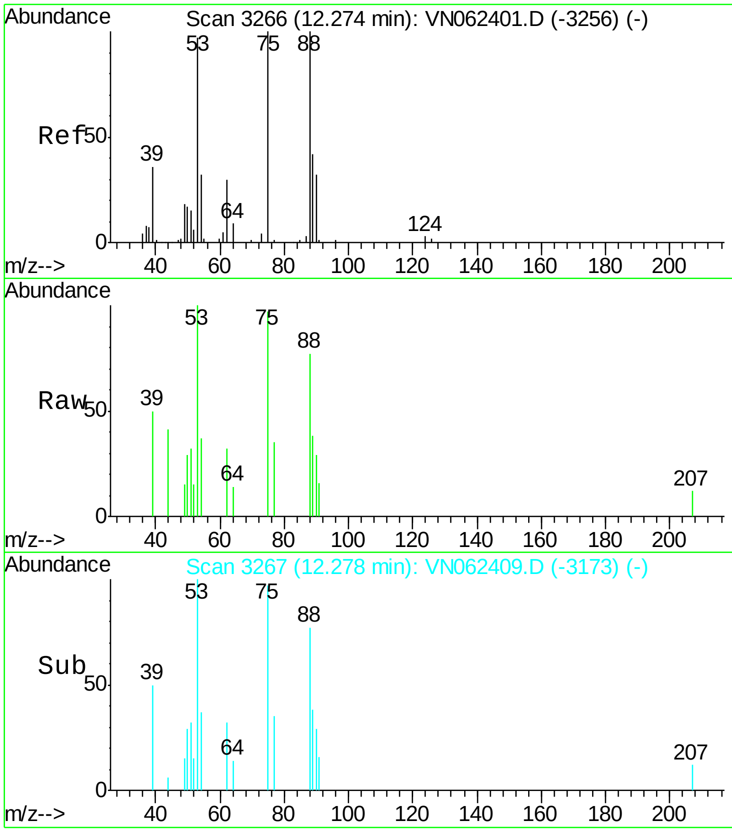


#80
1,3,5-Trimethylbenzene
Concen: 2.673 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:105 Resp: 19443

Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.4	70.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.331 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

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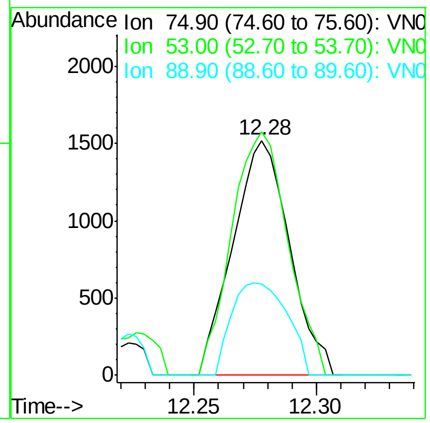
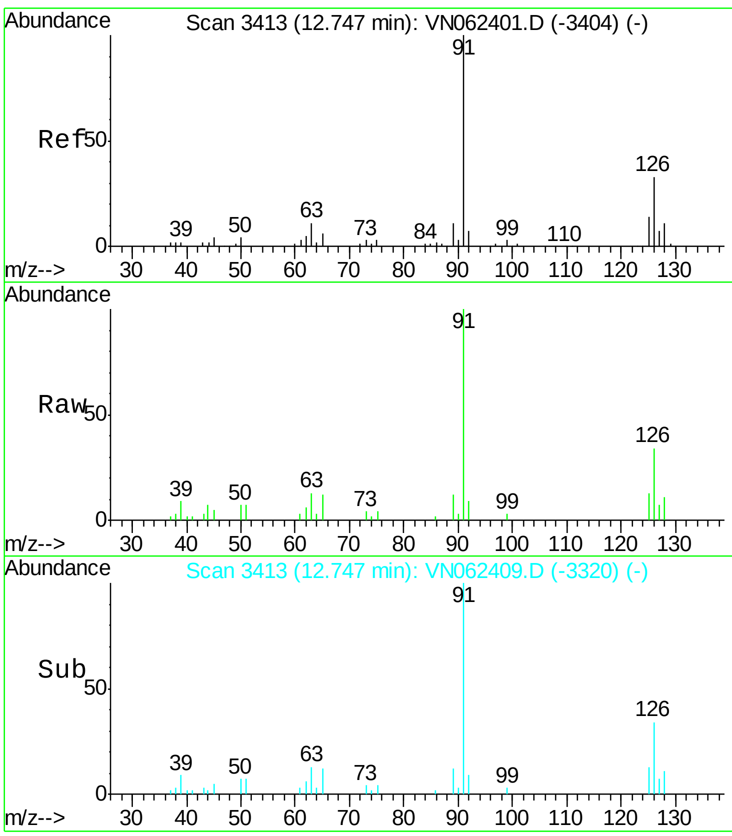
Tgt Ion: 75 Resp: 2450

Ion	Ratio	Lower	Upper
75	100		
53	103.2	79.2	118.8
89	38.7	34.6	52.0

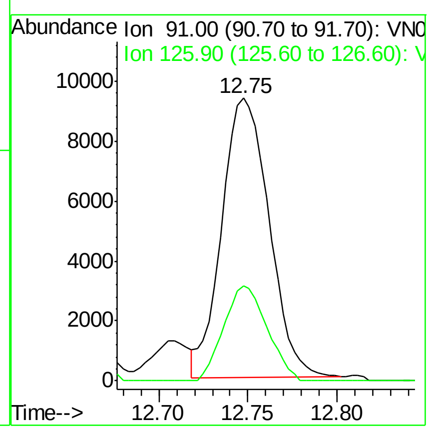


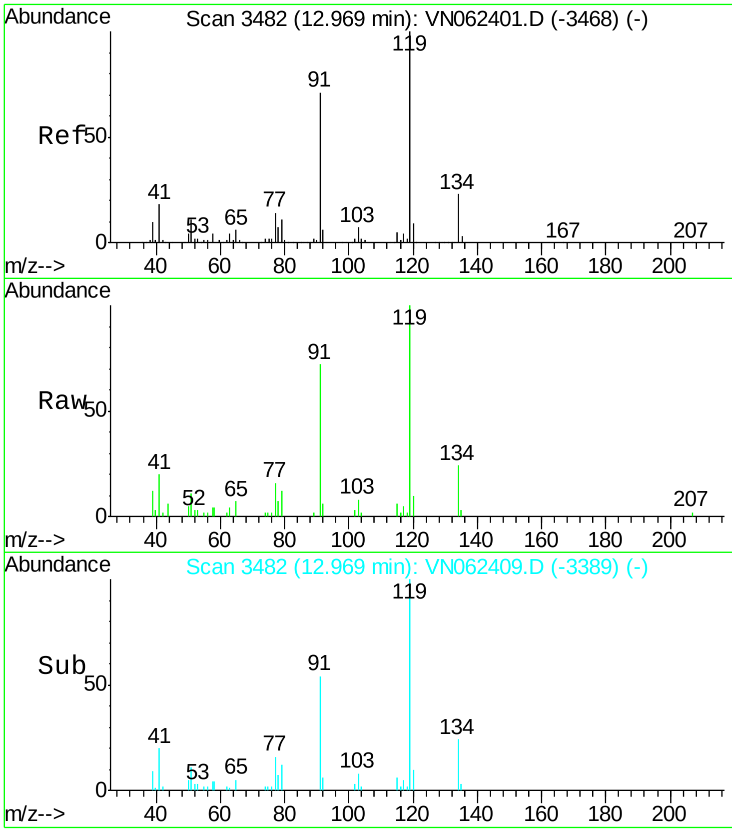


#82
4-Chlorotoluene
Concen: 2.683 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 91 Resp: 17133

Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.2	45.6





#83
tert-Butylbenzene
Concen: 2.621 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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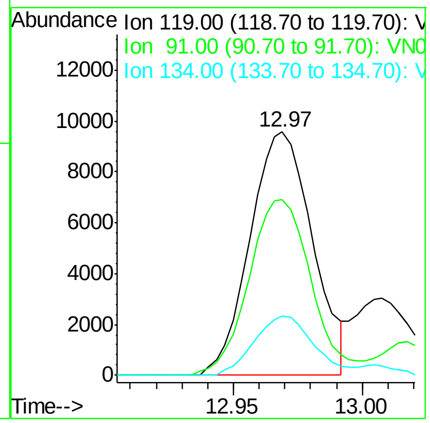
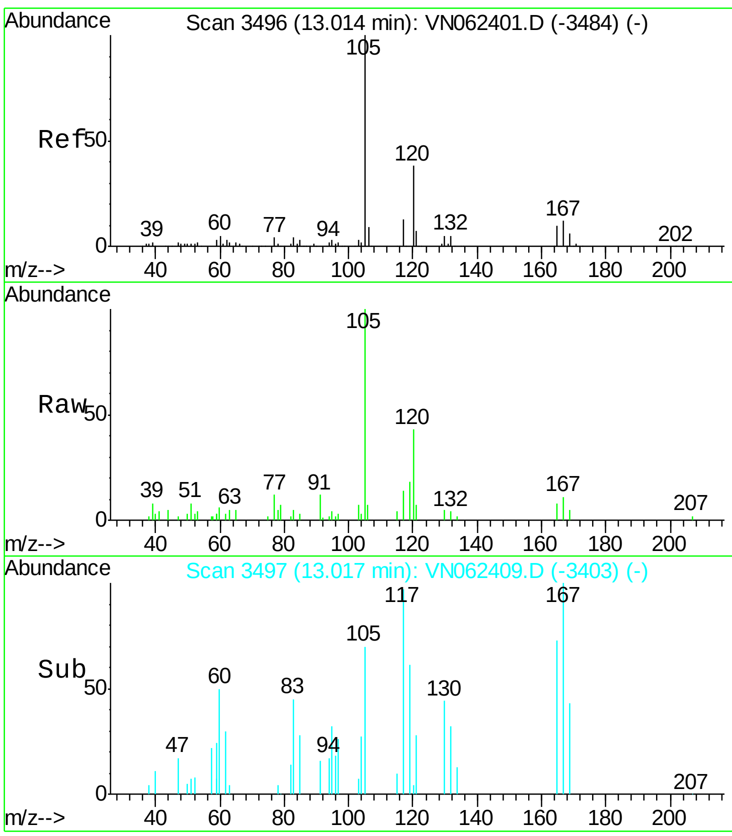
Tgt Ion:119 Resp: 16175

Ion	Ratio	Lower	Upper
119	100		
91	71.9	34.8	104.3
134	23.1	11.7	35.0

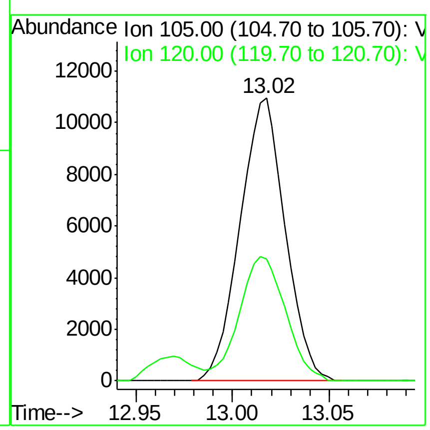


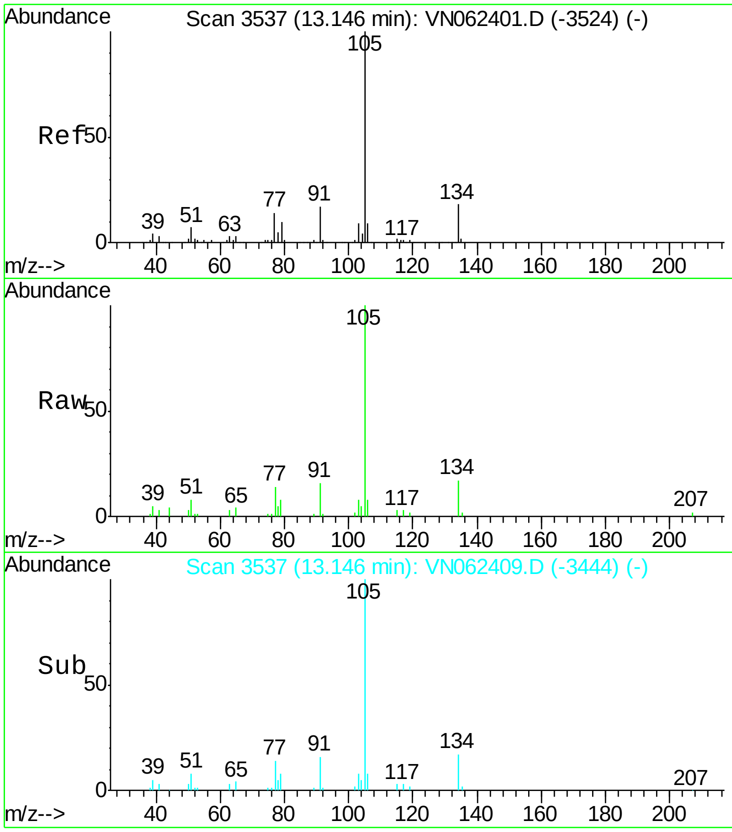


#84
1,2,4-Trimethylbenzene
Concen: 2.462 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:105 Resp: 17796

Ion	Ratio	Lower	Upper
105	100		
120	45.4	21.6	64.8





#85
sec-Butylbenzene
Concen: 2.609 ug/l
RT: 13.15 min Scan# 3537
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

Tgt Ion:105 Resp: 21342

Ion	Ratio	Lower	Upper
105	100		
134	17.5	9.3	28.0

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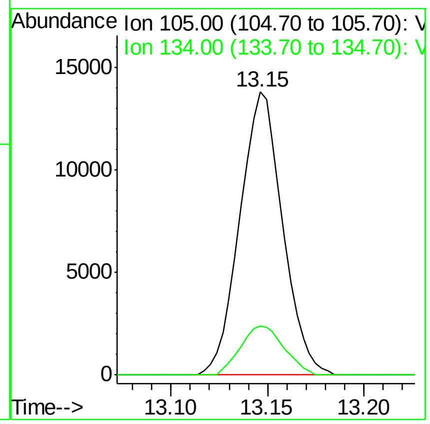
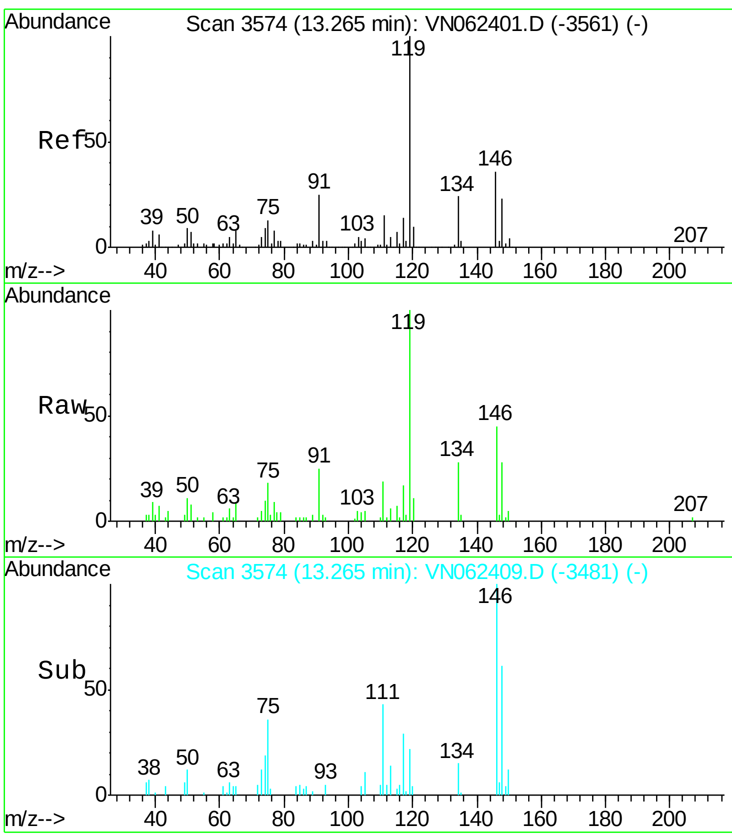
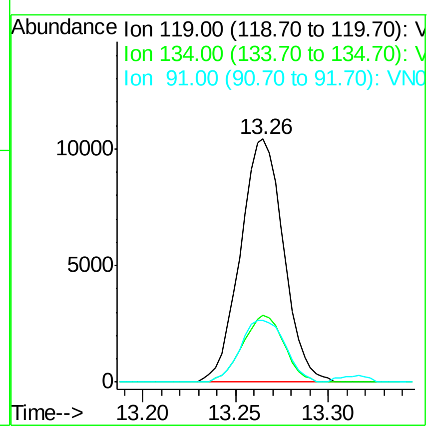


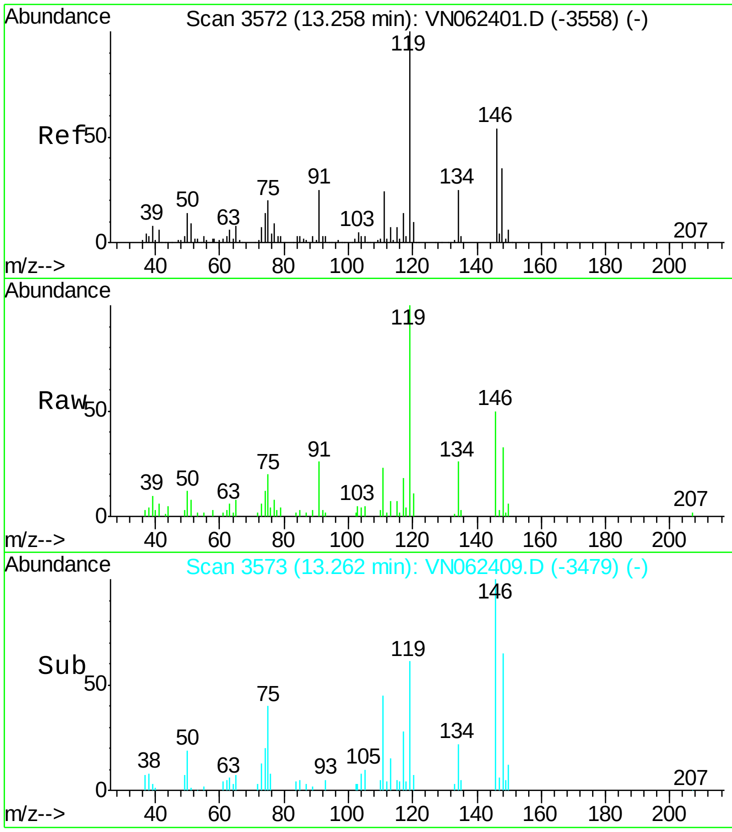


#86
p-Isopropyltoluene
Concen: 2.401 ug/l
RT: 13.26 min Scan# 3574
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:119 Resp: 16949

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.4	37.0
91	26.5	12.4	37.4





#87
1,3-Dichlorobenzene
Concen: 2.587 ug/l
RT: 13.26 min Scan# 3573
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion:146 Resp: 9002

Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.6	64.6
148	64.2	32.2	96.6

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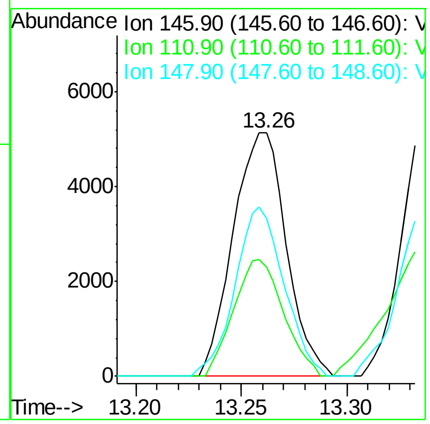
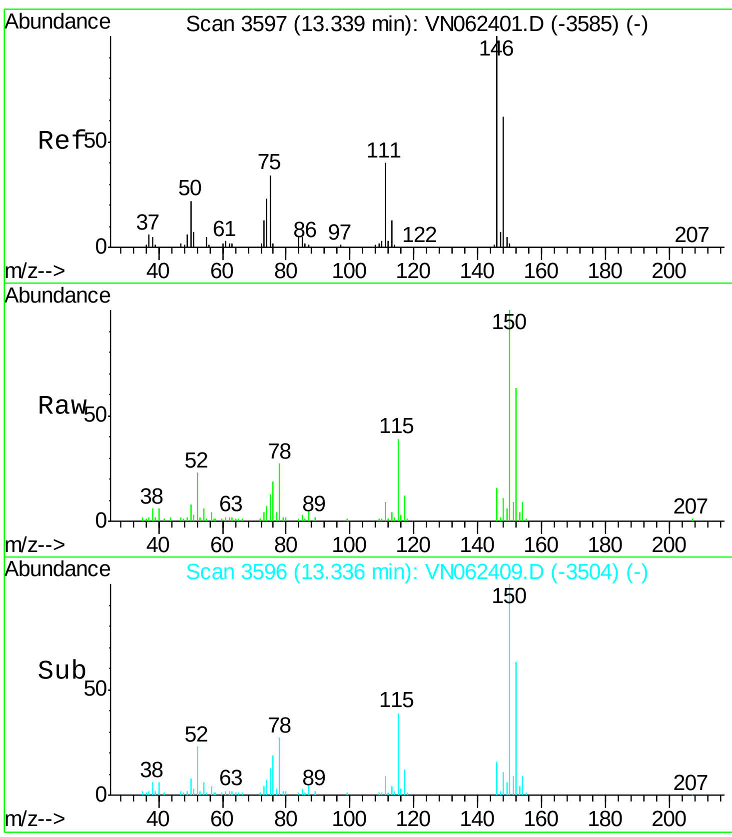
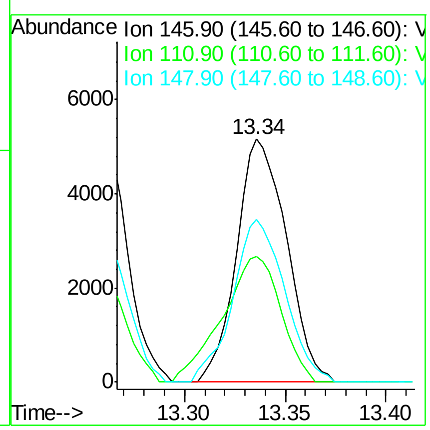


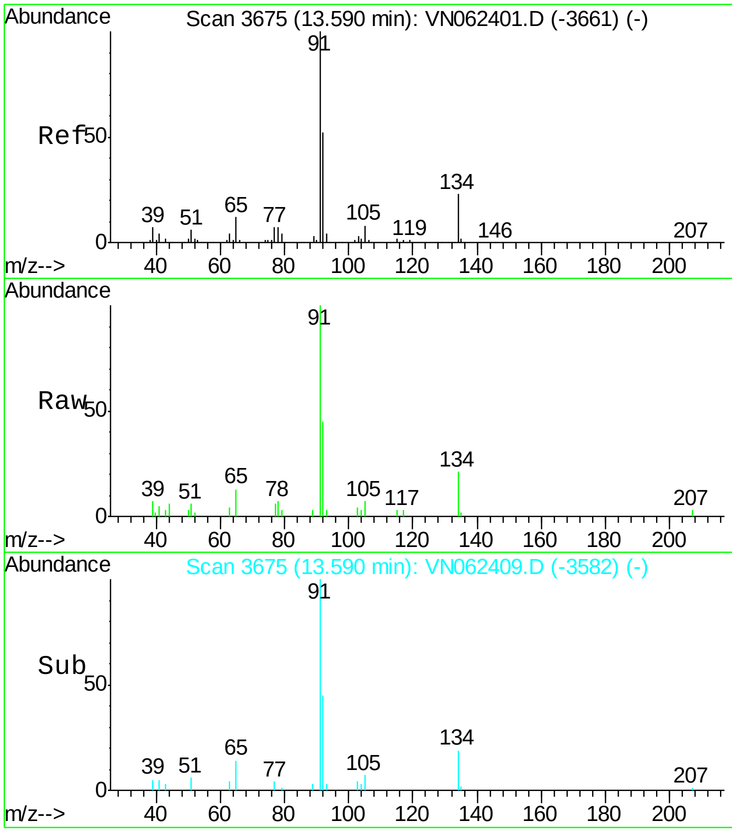


#88
1,4-Dichlorobenzene
Concen: 2.503 ug/l
RT: 13.34 min Scan# 3596
Delta R.T. -0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:146 Resp: 8961

Ion	Ratio	Lower	Upper
146	100		
111	60.5	21.1	63.1
148	69.6	31.4	94.2





#89
n-Butylbenzene
Concen: 2.357 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion: 91 Resp: 14693

Ion	Ratio	Lower	Upper
91	100		
92	47.9	25.9	77.7
134	20.7	11.6	34.8

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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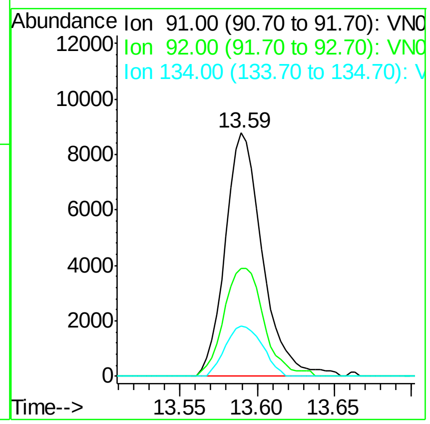
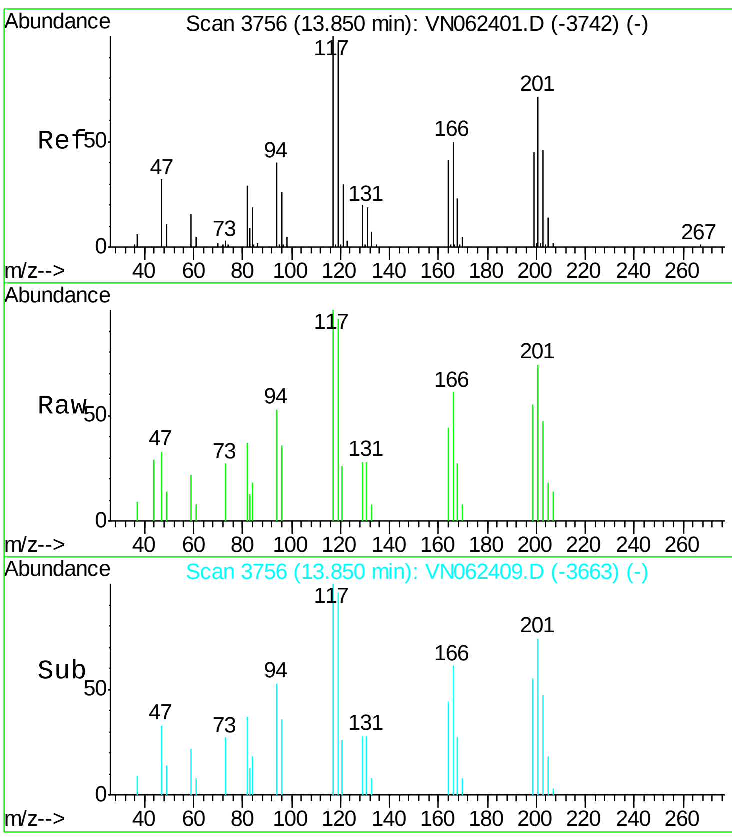
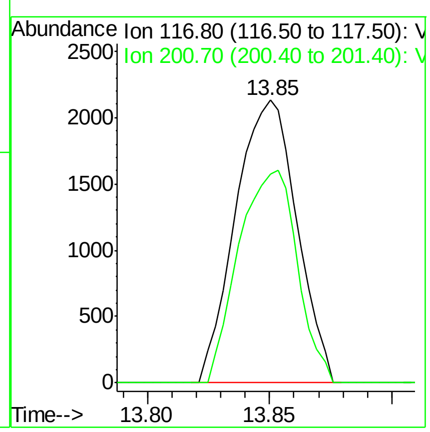


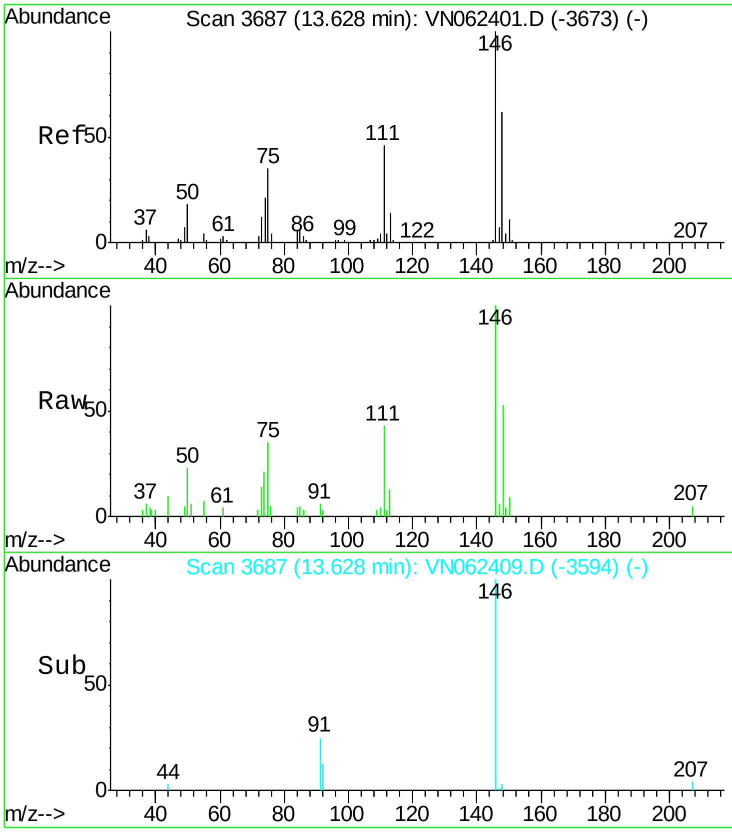


#90
Hexachloroethane
Concen: 2.680 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:117 Resp: 3722

Ion	Ratio	Lower	Upper
117	100		
201	71.9	35.4	106.2





#91
1,2-Dichlorobenzene
Concen: 2.771 ug/l
RT: 13.63 min   Scan# 3687
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020   15:49

Tgt Ion:146 Resp: 9323

Ion	Ratio	Lower	Upper
146	100		
111	42.3	22.5	67.5
148	57.7	31.4	94.2

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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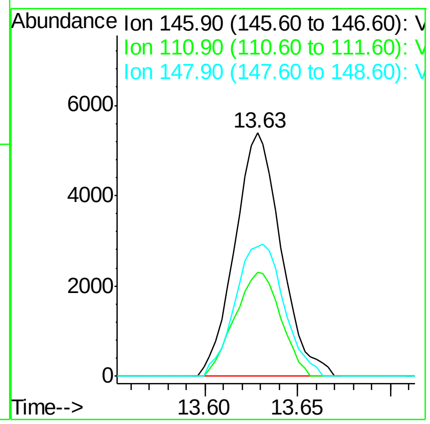
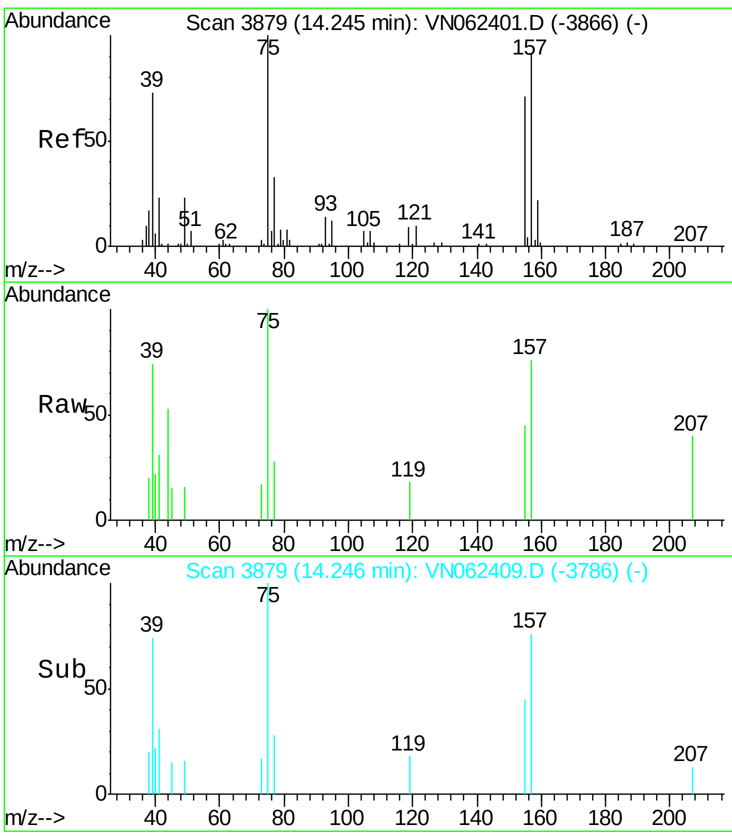
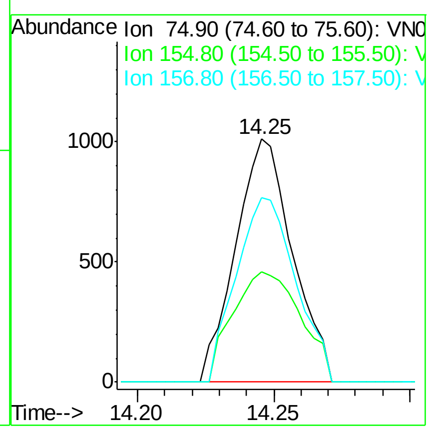


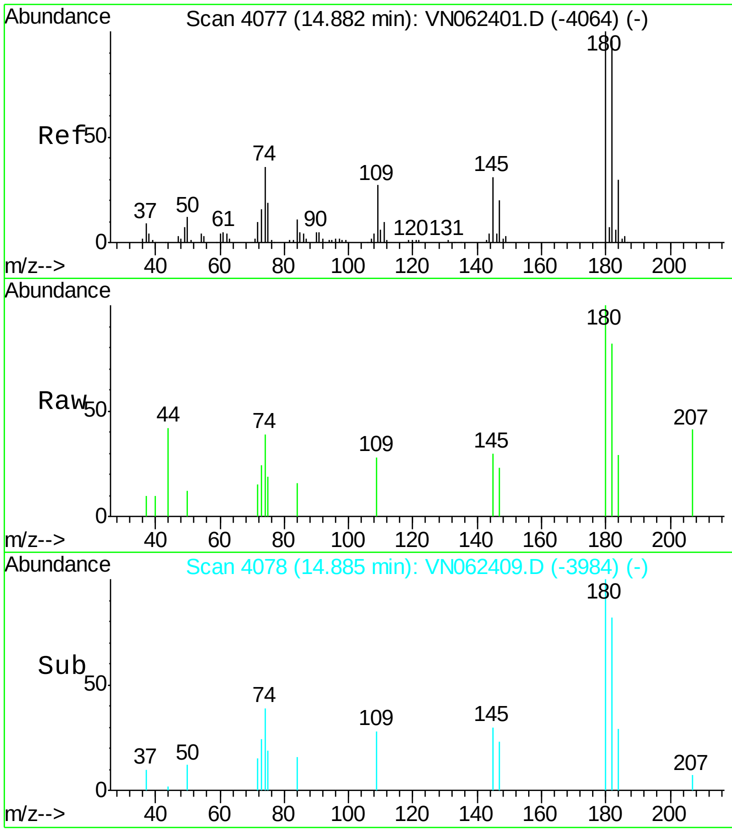


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.697 ug/l
RT: 14.25 min   Scan# 3879
Delta R.T.   0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020   15:49

Tgt Ion: 75 Resp: 1468

Ion	Ratio	Lower	Upper
75	100		
155	54.0	35.2	105.6
157	79.2	45.8	137.3





#93
1,2,4-Trichlorobenzene
Concen: 1.936 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tgt Ion:180 Resp: 2936

Ion	Ratio	Lower	Upper
180	100		
182	89.0	48.4	145.2
145	29.2	15.5	46.5

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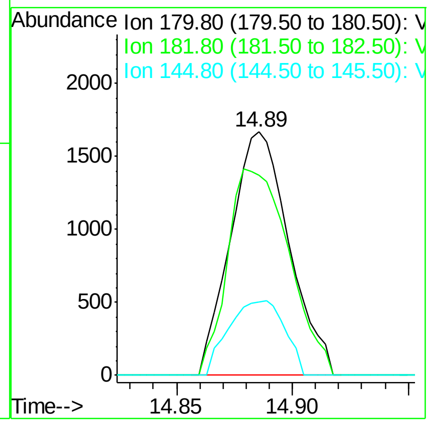
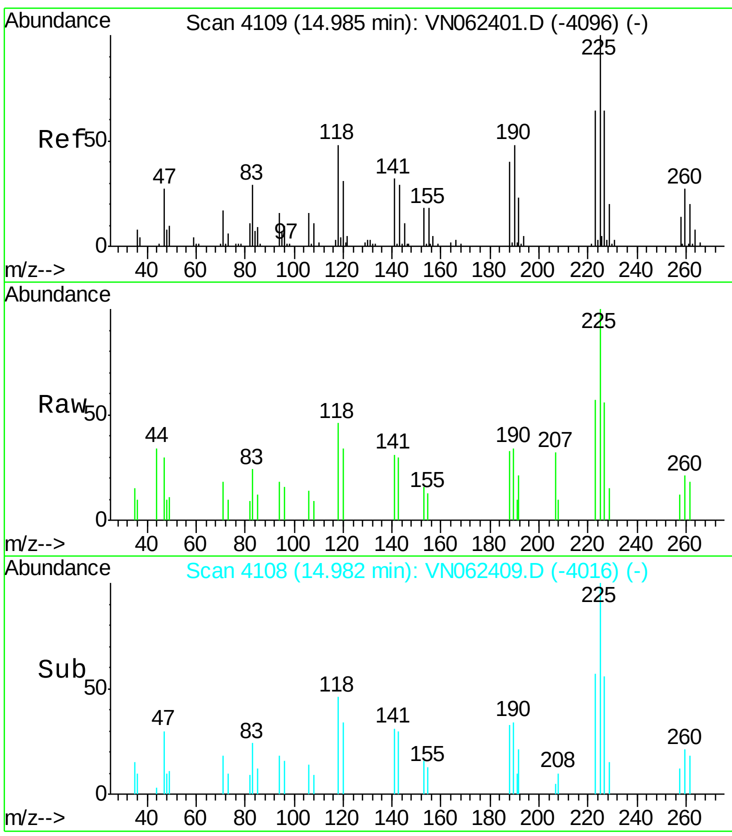
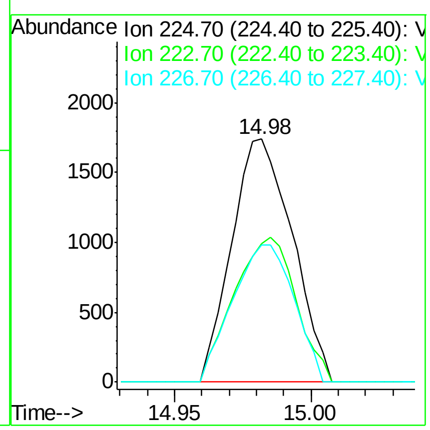


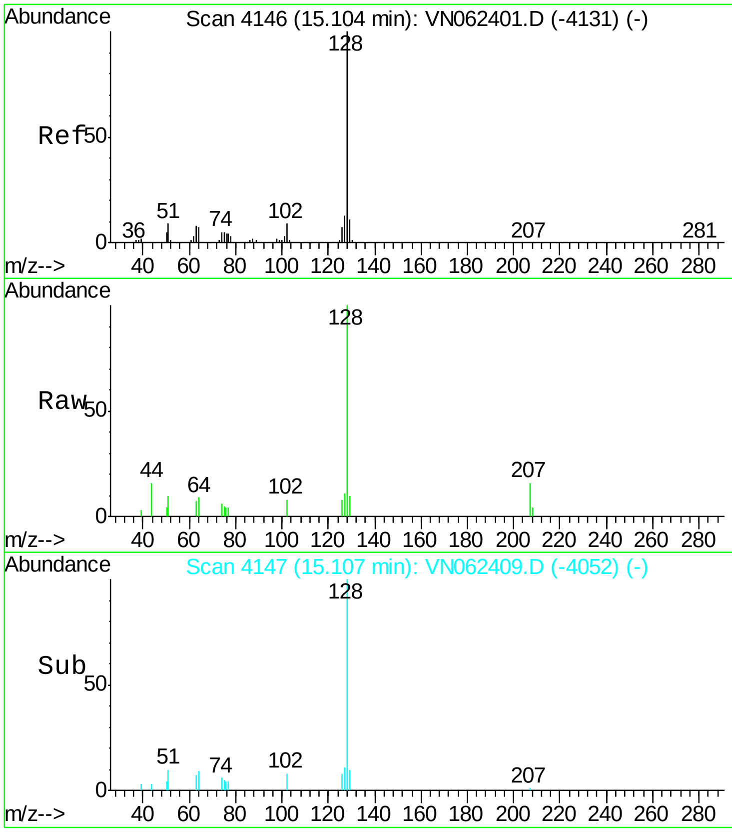


#94
Hexachlorobutadiene
Concen: 3.016 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:225 Resp: 2694

Ion	Ratio	Lower	Upper
225	100		
223	60.7	32.3	96.8
227	57.1	31.9	95.7





#95
Naphthalene
Concen: 1.857 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

Tgt Ion:128 Resp: 7941

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	9.6	8.6	12.8

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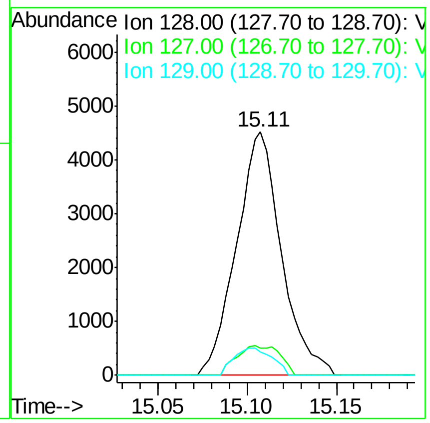

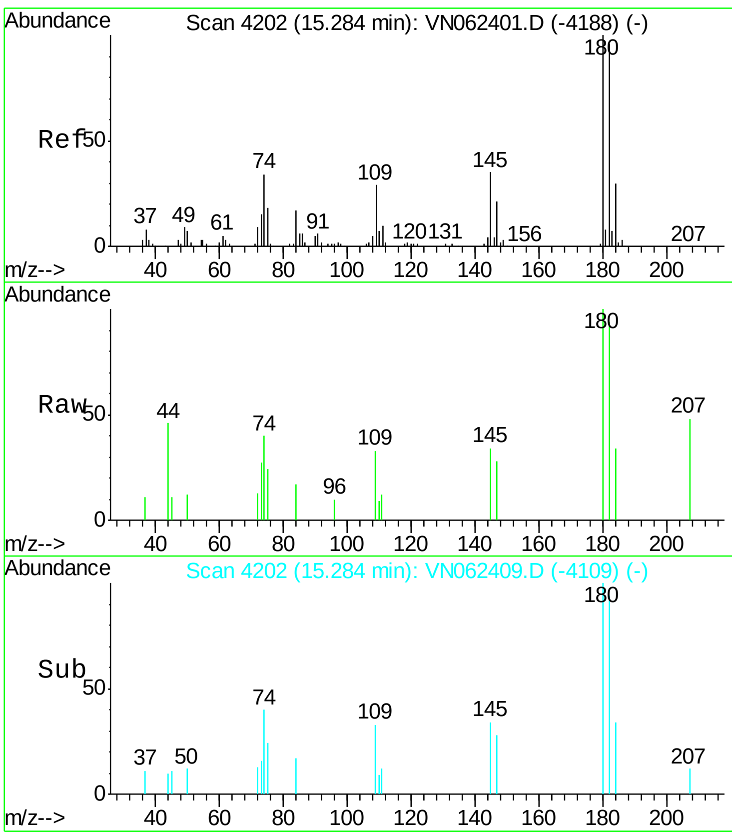

#96
1,2,3-Trichlorobenzene
Concen: 1.955 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062409.D
Acq: 8 Jul 2020 15:49

Tgt Ion:180 Resp: 3084

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.4
145	32.0	17.0	50.9