Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101519\
Data File : VN058774.D
Acq On : 15 Oct 2019 12:14
Operator : JC/SP
Sample : K5111-09 0.5PPB MDL
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MDL-MDL-WATER-03-QT4-2019DL

Quant Time: Oct 16 04:13:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	351833	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	578130	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	518173	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209831	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	257611	52.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.60%				
35) Dibromofluoromethane	7.57	113	180910	50.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.32%				
50) Toluene-d8	10.08	98	664889	46.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.12%				
62) 4-Bromofluorobenzene	12.40	95	225633	41.74	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.83	85	2170	0.495	ug/l		99
3) Chloromethane	2.04	50	2874	0.552	ug/l		95
4) Vinyl Chloride	2.17	62	2551	0.492	ug/l		96
5) Bromomethane	2.54	94	947	0.300	ug/l		91
6) Chloroethane	2.69	64	1743	0.545	ug/l	#	79
7) Trichlorofluoromethane	3.00	101	3041	0.490	ug/l		97
8) Diethyl Ether	3.39	74	934	0.407	ug/l	#	28
10) Methyl Iodide	3.93	142	1885	0.390	ug/l	#	82
11) Tert butyl alcohol	4.76	59	1018	1.276	ug/l	#	72
12) 1,1-Dichloroethene	3.72	96	1479	0.438	ug/l		98
13) Acrolein	3.59	56	1700	2.650	ug/l	#	61
14) Allyl chloride	4.29	41	3728	0.547	ug/l	#	72
15) Acrylonitrile	4.95	53	1426	0.709	ug/l	#	17
16) Acetone	3.80	43	6368	3.123	ug/l		89
17) Carbon Disulfide	4.03	76	6712	0.621	ug/l	#	89
18) Methyl Acetate	4.31	43	3499	0.676	ug/l	#	89
19) Methyl tert-butyl Ether	5.02	73	5928	0.491	ug/l		99
20) Methylene Chloride	4.52	84	2834	0.665	ug/l	#	82
21) trans-1,2-Dichloroethene	5.01	96	1570	0.415	ug/l	#	57
22) Diisopropyl ether	5.93	45	5491	0.414	ug/l	#	69
23) Vinyl Acetate	5.88	43	23843	2.229	ug/l		99
24) 1,1-Dichloroethane	5.81	63	2063	0.273	ug/l	#	85
25) 2-Butanone	6.82	43	7480	2.538	ug/l	#	89
26) 2,2-Dichloropropane	6.81	77	4335	0.629	ug/l	#	68
27) cis-1,2-Dichloroethene	6.80	96	1240	0.281	ug/l	#	2
28) Bromochloromethane	7.18	49	1569	0.597	ug/l	#	76
29) Tetrahydrofuran	7.19	42	4448	2.335	ug/l	#	71
30) Chloroform	7.36	83	4616	0.608	ug/l		98
31) Cyclohexane	7.64	56	11520	1.595	ug/l	#	19
32) 1,1,1-Trichloroethane	7.56	97	3333	0.515	ug/l	#	37
36) 1,1-Dichloropropene	7.77	75	2855	0.488	ug/l	#	85
37) Ethyl Acetate	6.92	43	2535	0.429	ug/l	#	72
38) Carbon Tetrachloride	7.64	117	35487	6.229	ug/l	#	17
39) Methylcyclohexane	9.07	83	2744	0.405	ug/l	#	82

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MDL-MDL-WATER-03-QT4-2019DL

Quant Time: Oct 16 04:13:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
40) Benzene	8.02	78	8309	0.495 ug/l		93
41) Methacrylonitrile	7.14	41	566	0.205 ug/l	#	61
42) 1,2-Dichloroethane	8.11	62	3677	0.570 ug/l	#	78
43) Isopropyl Acetate	8.15	43	4200	0.417 ug/l	#	88
44) Trichloroethene	8.82	130	2356	0.565 ug/l		79
45) 1,2-Dichloropropane	9.11	63	2212	0.492 ug/l		97
46) Dibromomethane	9.20	93	1480	0.519 ug/l		91
47) Bromodichloromethane	9.39	83	2719	0.469 ug/l	#	92
48) Methyl methacrylate	9.19	41	2249	0.493 ug/l	#	85
49) 1,4-Dioxane	9.19	88	630	8.921 ug/l	#	59
51) 4-Methyl-2-Pentanone	9.98	43	12930	2.286 ug/l		98
52) Toluene	10.15	92	5370	0.523 ug/l		98
53) t-1,3-Dichloropropene	10.38	75	4450	0.669 ug/l	#	40
54) cis-1,3-Dichloropropene	9.83	75	3517	0.498 ug/l		92
55) 1,1,2-Trichloroethane	10.55	97	2268	0.540 ug/l		89
56) Ethyl methacrylate	10.42	69	2415	0.393 ug/l	#	77
57) 1,3-Dichloropropane	10.71	76	3272	0.457 ug/l	#	86
58) 2-Chloroethyl Vinyl ether	9.69	63	6139	2.075 ug/l		94
59) 2-Hexanone	10.75	43	9881	2.261 ug/l		93
60) Dibromochloromethane	10.90	129	1777	0.410 ug/l		100
61) 1,2-Dibromoethane	11.00	107	2047	0.486 ug/l		92
64) Tetrachloroethene	10.63	164	2189	0.604 ug/l		91
65) Chlorobenzene	11.43	112	5170	0.491 ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.51	131	1996	0.513 ug/l	#	54
67) Ethyl Benzene	11.51	91	8806	0.469 ug/l		99
68) m/p-Xylenes	11.62	106	6109	0.868 ug/l		99
69) o-Xylene	11.95	106	2821	0.414 ug/l		100
70) Styrene	11.97	104	4135	0.370 ug/l		92
71) Bromoform	12.13	173	1227	0.430 ug/l	#	78
73) Isopropylbenzene	12.25	105	7579	0.499 ug/l		95
74) N-amyl acetate	12.07	43	2715	0.398 ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.51	83	2989	0.597 ug/l	#	93
76) 1,2,3-Trichloropropane	12.40	75	121631	26.423 ug/l	#	100
77) Bromobenzene	12.53	156	2154	0.583 ug/l		84
78) n-propylbenzene	12.59	91	9500	0.536 ug/l		98
79) 2-Chlorotoluene	12.68	91	5685	0.517 ug/l		95
80) 1,3,5-Trimethylbenzene	12.74	105	6187	0.477 ug/l		97
81) trans-1,4-Dichloro-2-buten	12.40	75	121631	70.779 ug/l	#	11
82) 4-Chlorotoluene	12.78	91	5707	0.506 ug/l		99
83) tert-Butylbenzene	13.00	119	5595	0.503 ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	5662	0.440 ug/l		87
85) sec-Butylbenzene	13.18	105	6609	0.451 ug/l		87
86) p-Isopropyltoluene	13.29	119	5805	0.436 ug/l		94
87) 1,3-Dichlorobenzene	13.29	146	3458	0.507 ug/l		92
88) 1,4-Dichlorobenzene	13.29	146	3458	0.499 ug/l		92
89) n-Butylbenzene	13.62	91	5197	0.422 ug/l		98
90) Hexachloroethane	13.88	117	1351	0.567 ug/l		81
91) 1,2-Dichlorobenzene	13.66	146	3292	0.496 ug/l		93
92) 1,2-Dibromo-3-Chloropropan	14.27	75	897	0.767 ug/l	#	52
93) 1,2,4-Trichlorobenzene	14.92	180	1846	0.455 ug/l		85

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Sample : K5111-09 0.5PPB MDL
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MDL-MDL-WATER-03-QT4-2019DL

Quant Time: Oct 16 04:13:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
94) Hexachlorobutadiene	15.01	225	1172	0.549	ug/l		95
95) Naphthalene	15.13	128	5590	0.480	ug/l		97
96) 1,2,3-Trichlorobenzene	15.30	180	1909	0.482	ug/l	#	86

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

Quantitation Report (Not Reviewed)

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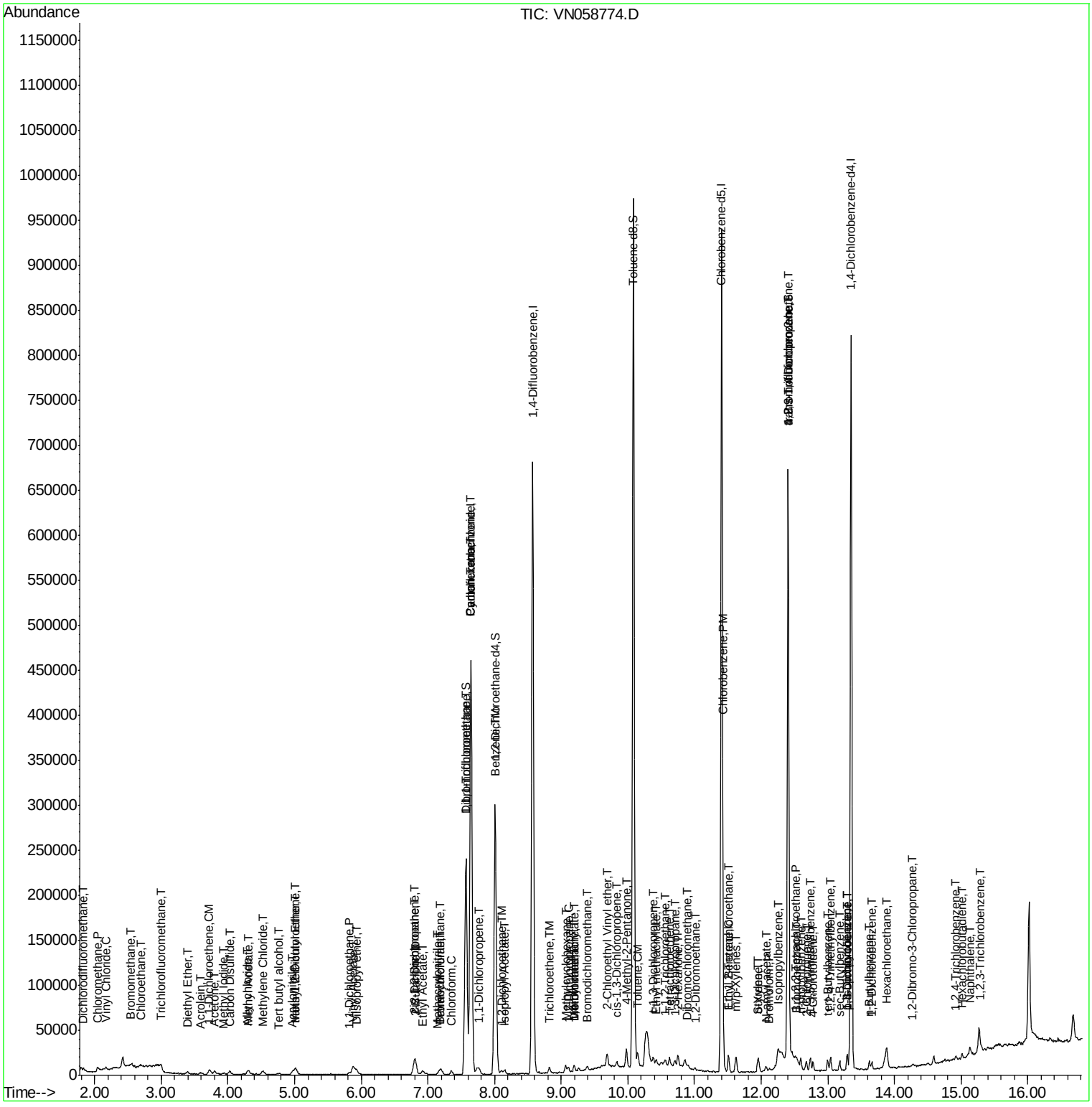
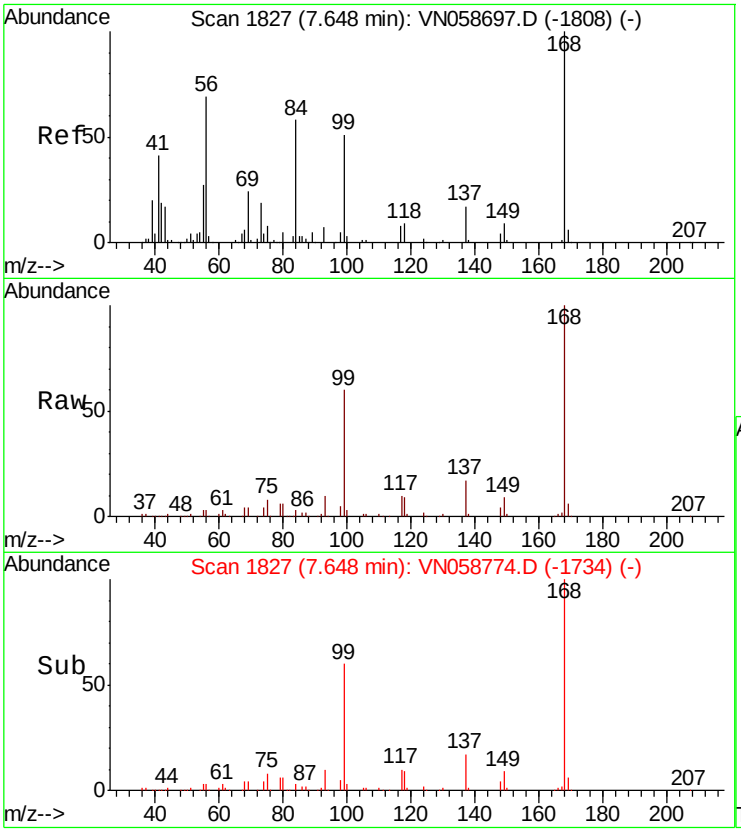
Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Quant Time: Oct 16 04:13:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration



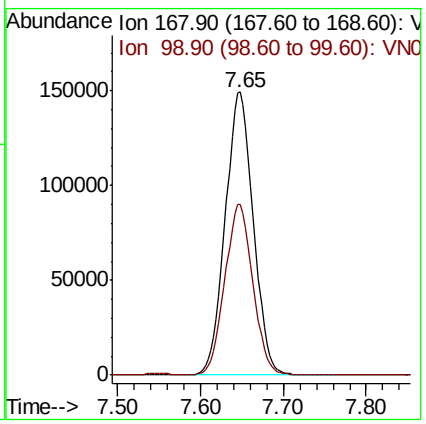


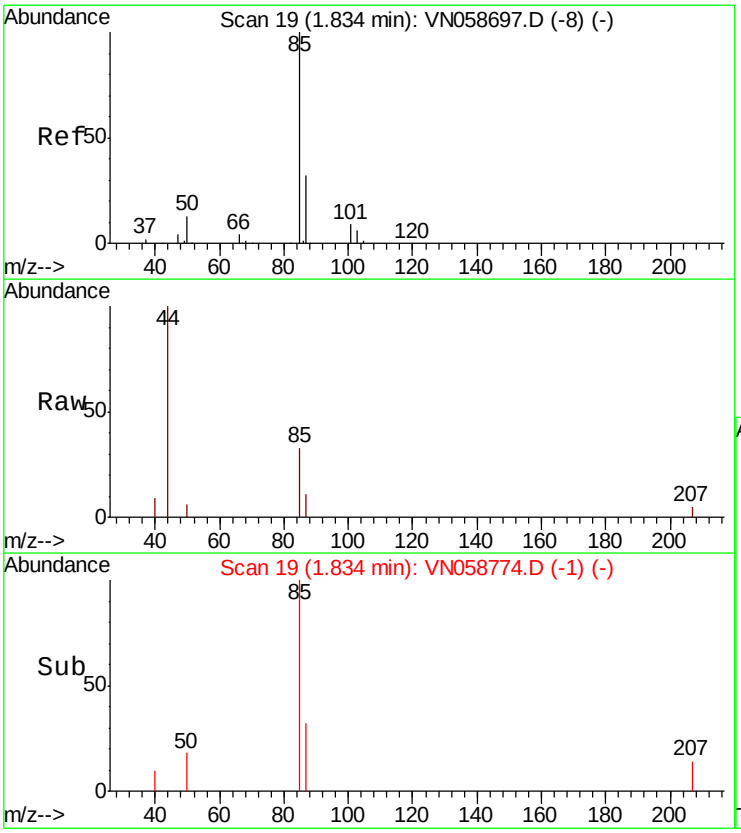
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:168 Resp: 351833

Ion	Ratio	Lower	Upper
168	100		
99	60.2	47.5	71.3

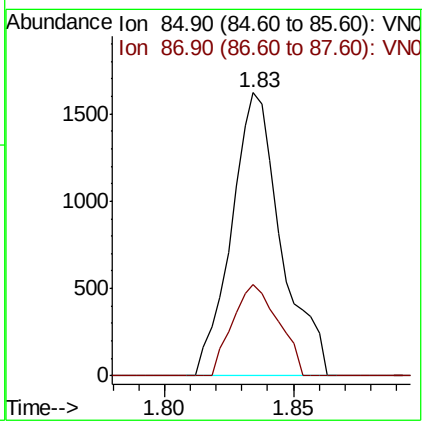


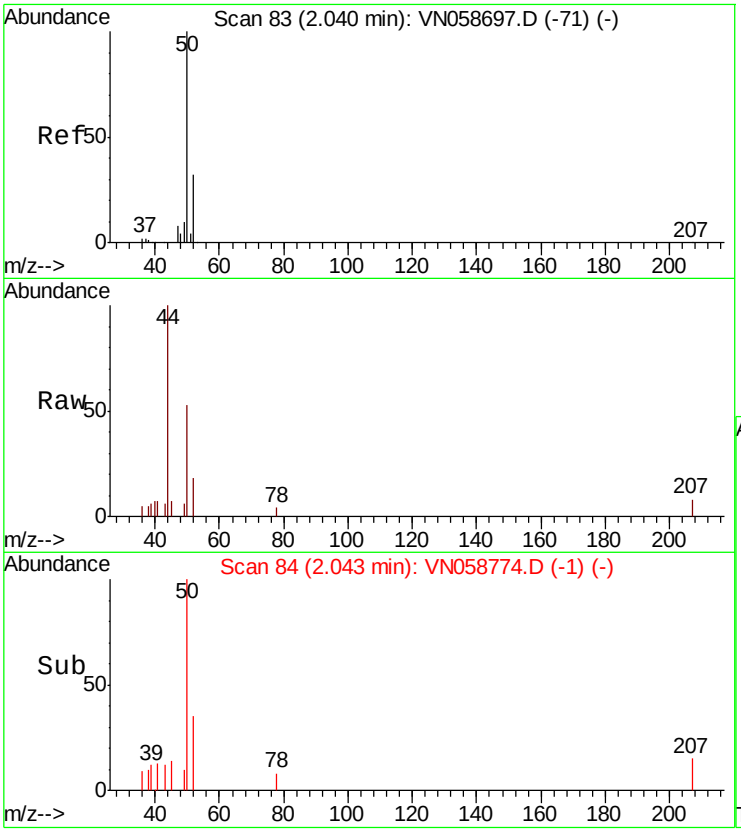


#2
Dichlorodifluoromethane
Concen: 0.495 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 85 Resp: 2170

Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.2	48.6



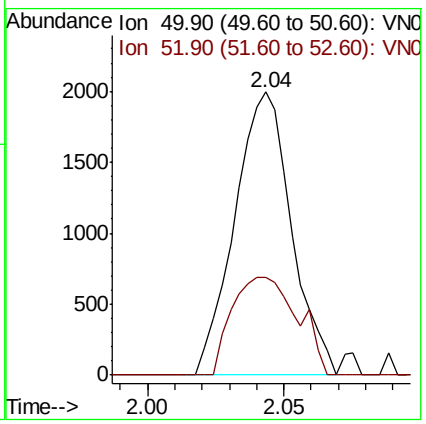


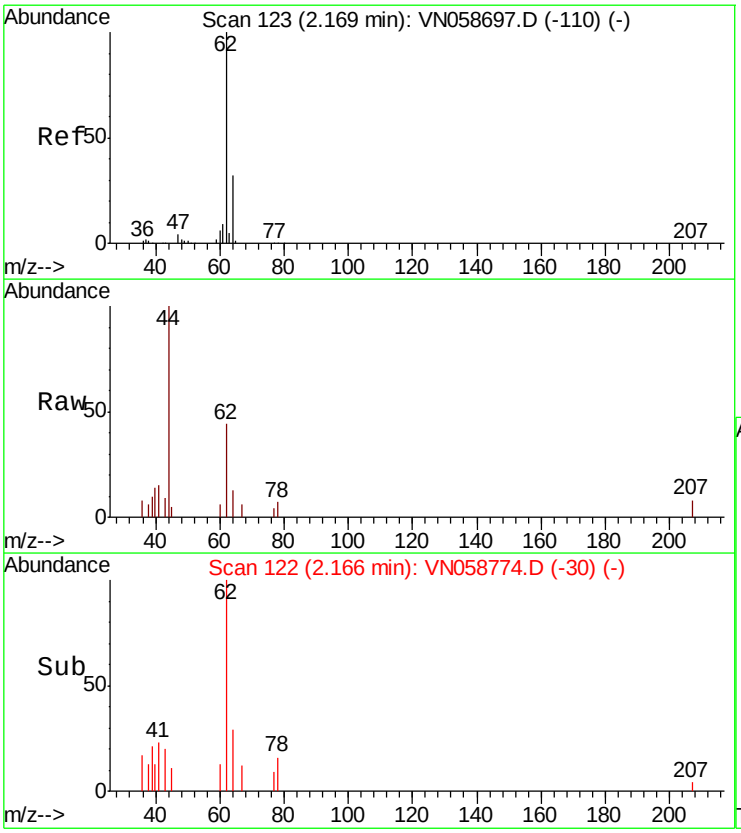
#3
Chloromethane
Concen: 0.552 ug/l
RT: 2.04 min Scan# 84
Delta R.T. 0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 50 Resp: 2874

Ion	Ratio	Lower	Upper
50	100		
52	34.7	25.8	38.6

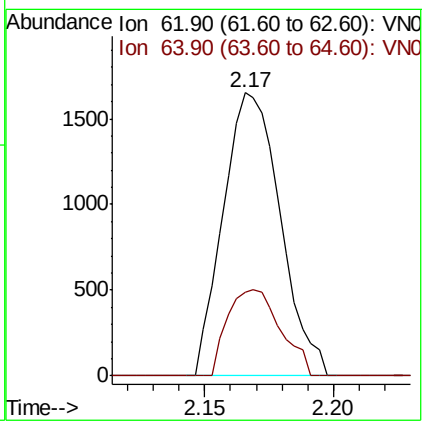


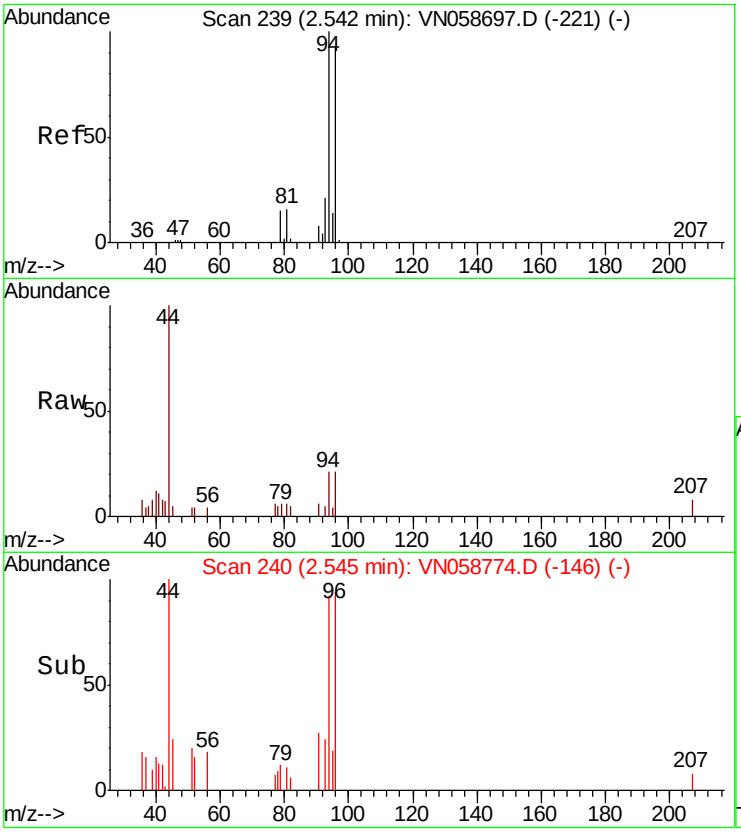


#4
Vinyl Chloride
Concen: 0.492 ug/l
RT: 2.17 min Scan# 122
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 62 Resp: 2551

Ion	Ratio	Lower	Upper
62	100		
64	29.4	25.3	37.9



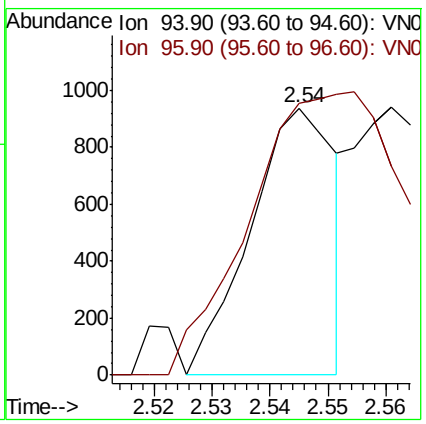


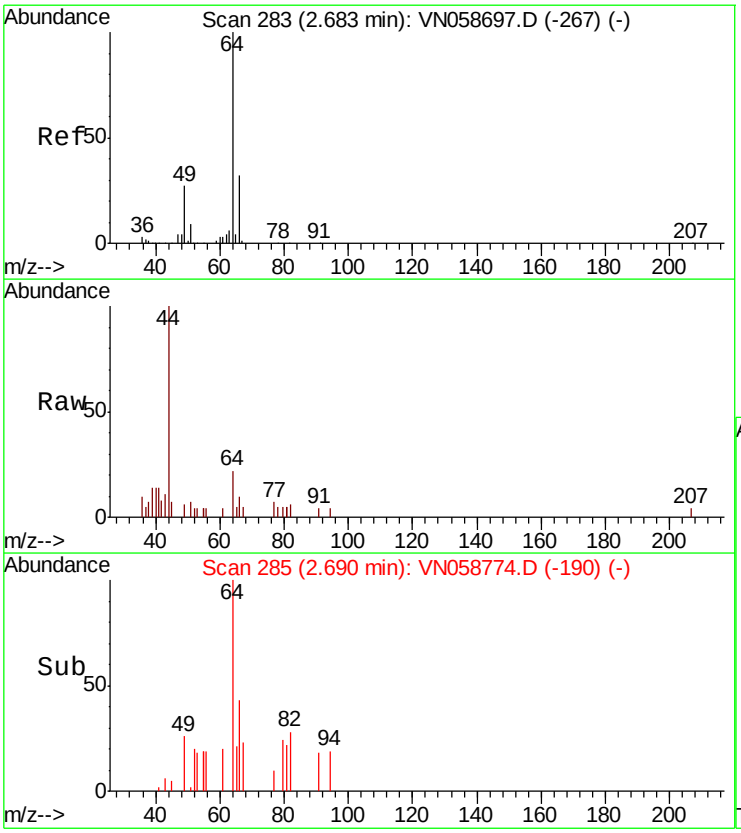
#5
Bromomethane
Concen: 0.300 ug/l
RT: 2.54 min Scan# 240
Delta R.T. 0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 94 Resp: 947

Ion	Ratio	Lower	Upper
94	100		
96	84.8	74.5	111.7

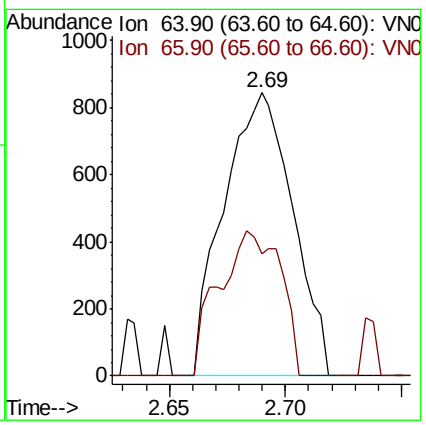


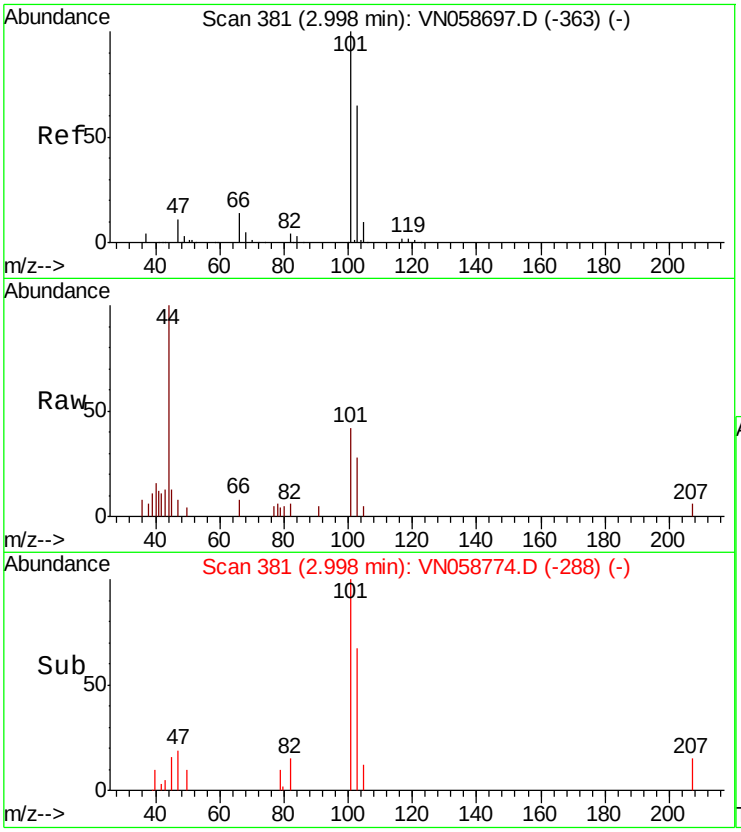


#6
Chloroethane
Concen: 0.545 ug/l
RT: 2.69 min Scan# 285
Delta R.T. 0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 64 Resp: 1743

Ion	Ratio	Lower	Upper
64	100		
66	43.4	25.4	38.2#



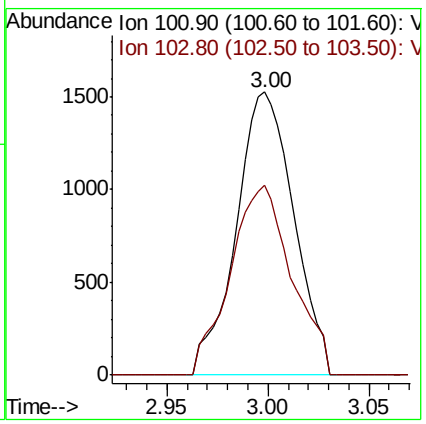


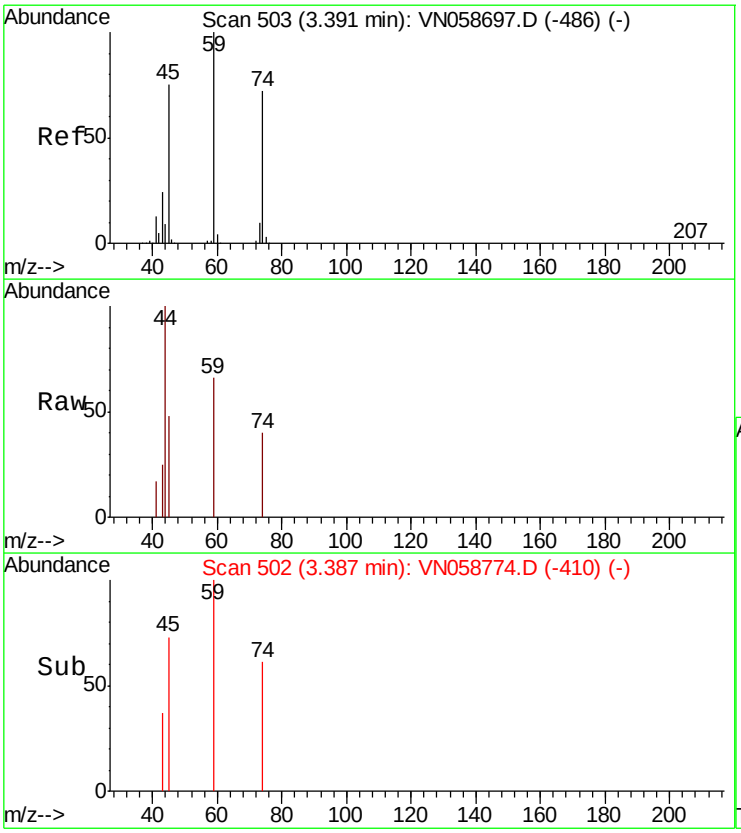
#7
Trichlorofluoromethane
Concen: 0.490 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:101 Resp: 3041

Ion	Ratio	Lower	Upper
101	100		
103	67.3	51.8	77.6

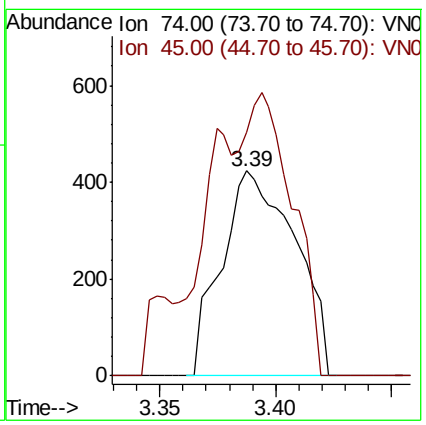


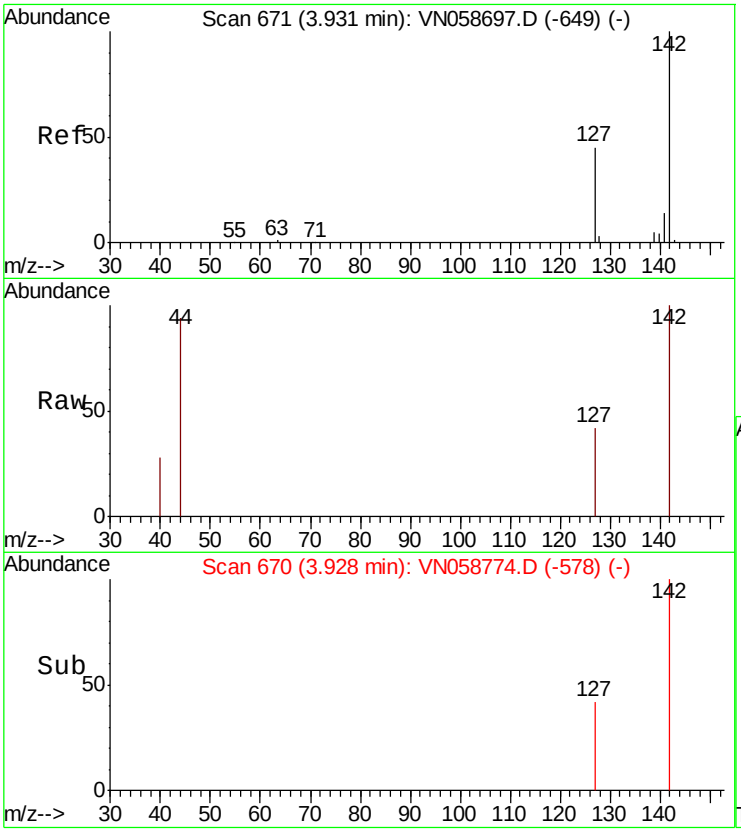


#8
Diethyl Ether
Concen: 0.407 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 74 Resp: 934

Ion	Ratio	Lower	Upper
74	100		
45	29.4	51.3	154.0#



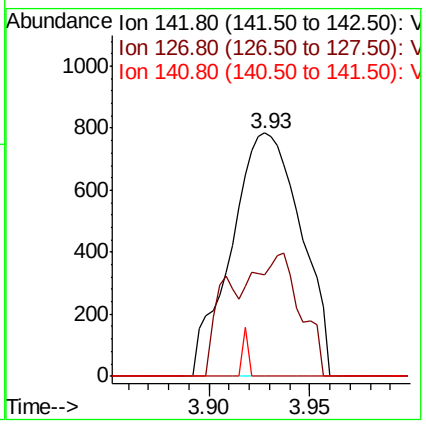


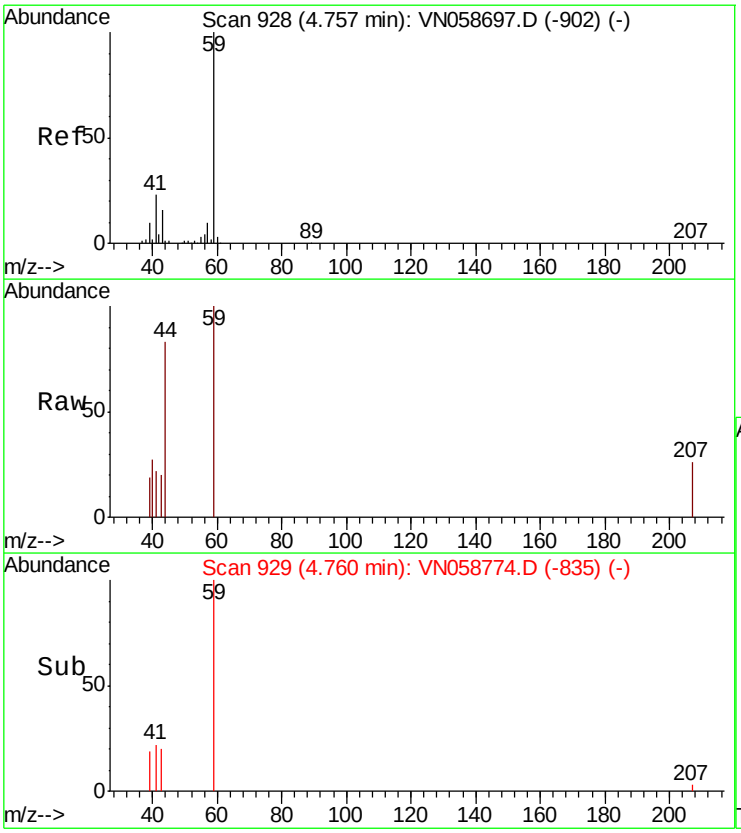
#10
Methyl Iodide
Concen: 0.390 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:142 Resp: 1885

Ion	Ratio	Lower	Upper
142	100		
127	35.8	36.4	54.6#
141	1.6	11.1	16.7#

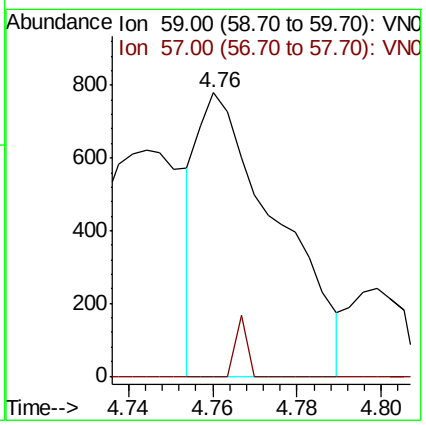


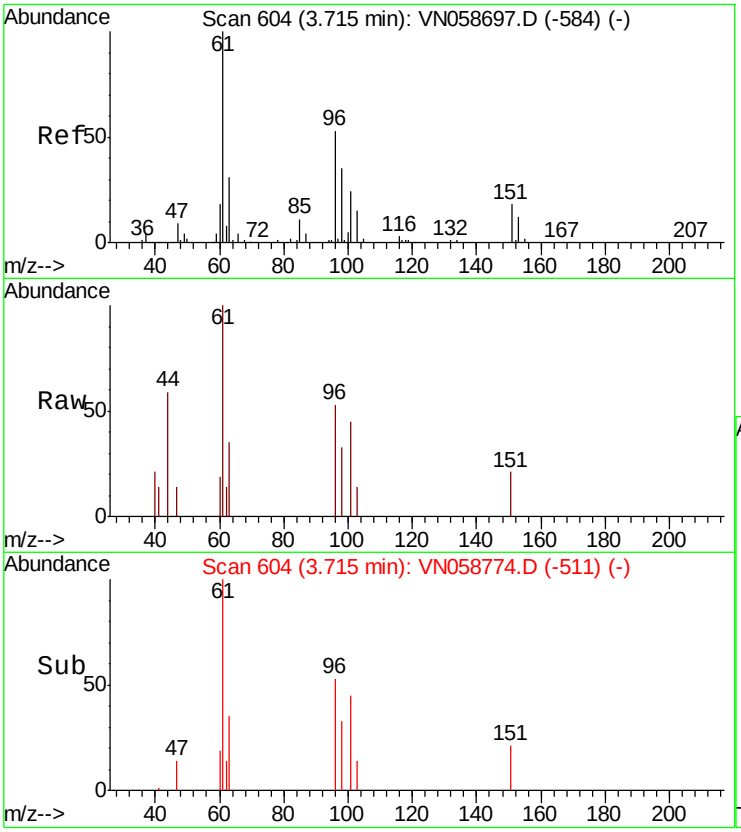


#11
Tert butyl alcohol
Concen: 1.276 ug/l
RT: 4.76 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 59 Resp: 1018

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



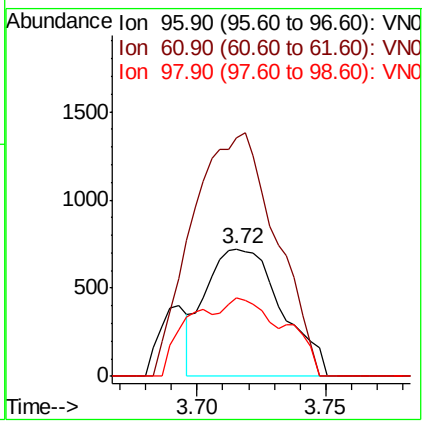


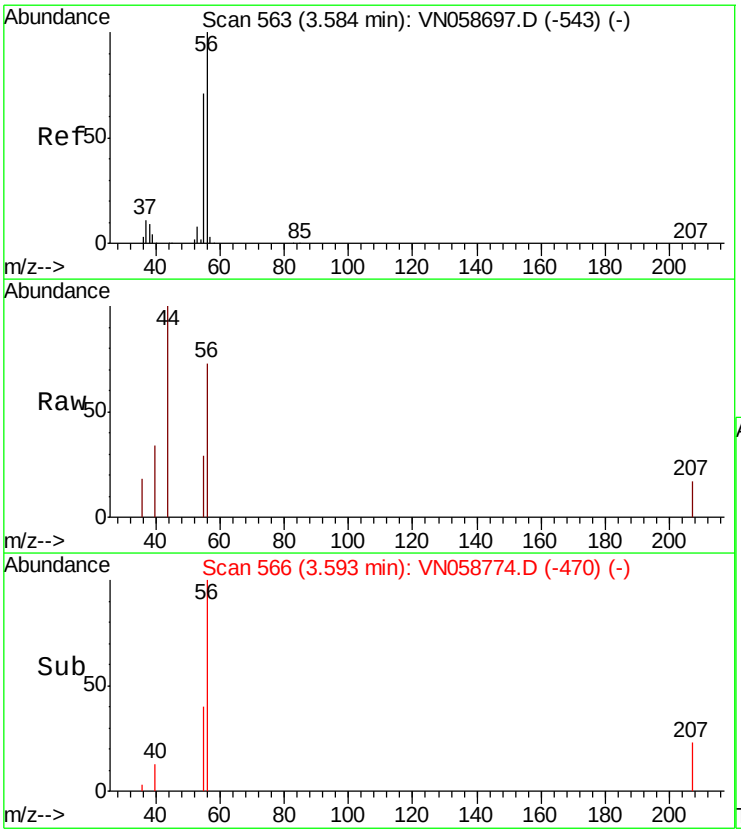
#12
1,1-Dichloroethene
Concen: 0.438 ug/l
RT: 3.72 min Scan# 604
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 96 Resp: 1479

Ion	Ratio	Lower	Upper
96	100		
61	187.4	151.3	226.9
98	61.3	52.6	78.8

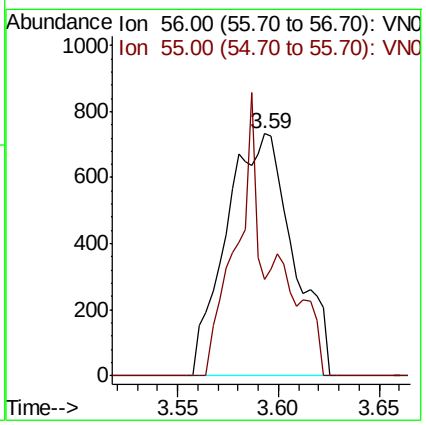


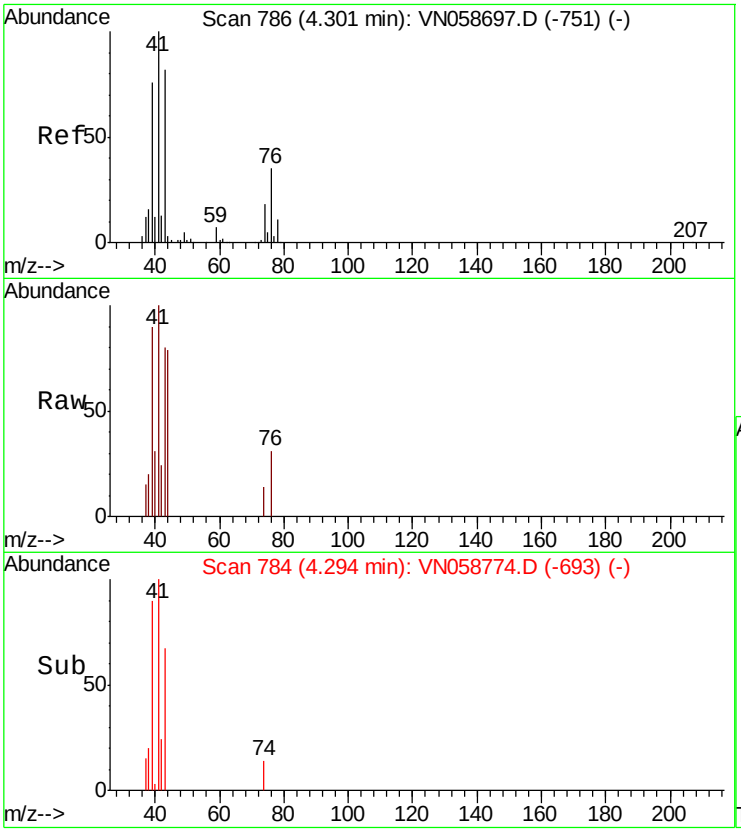


#13
Acrolein
Concen: 2.650 ug/l
RT: 3.59 min Scan# 566
Delta R.T. 0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 56 Resp: 1700

Ion	Ratio	Lower	Upper
56	100		
55	38.9	56.7	85.1#



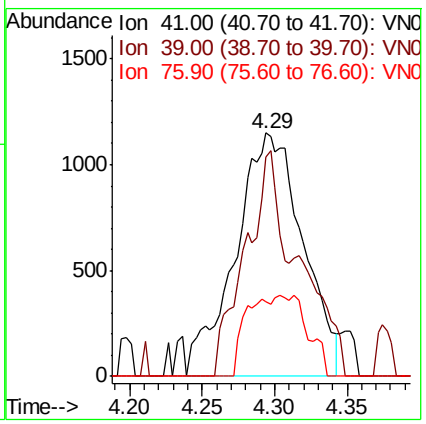


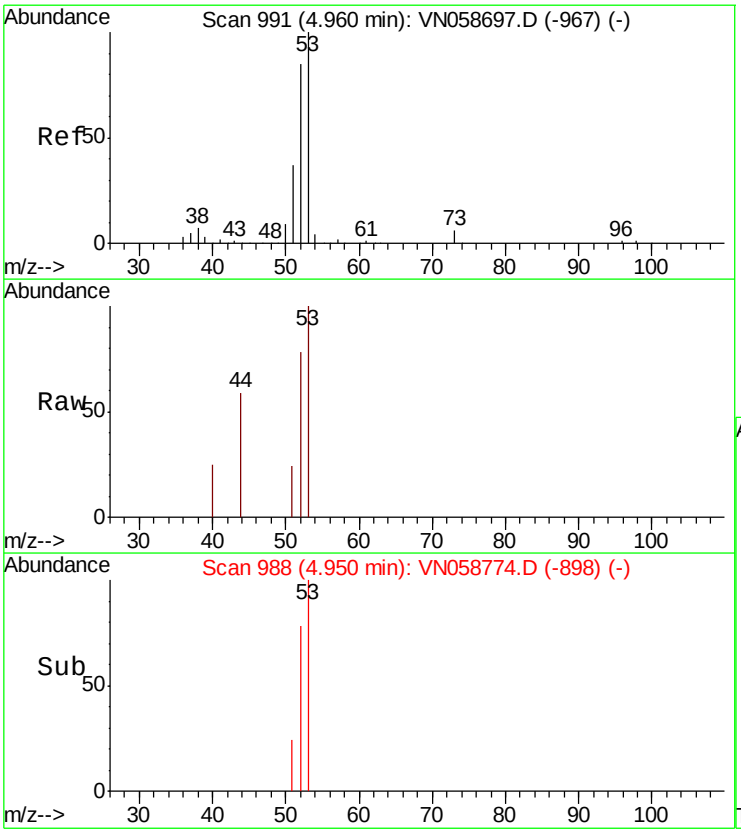
#14
Allyl chloride
Concen: 0.547 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 41 Resp: 3728

Ion	Ratio	Lower	Upper
41	100		
39	50.5	57.2	85.8#
76	13.0	25.0	37.6#

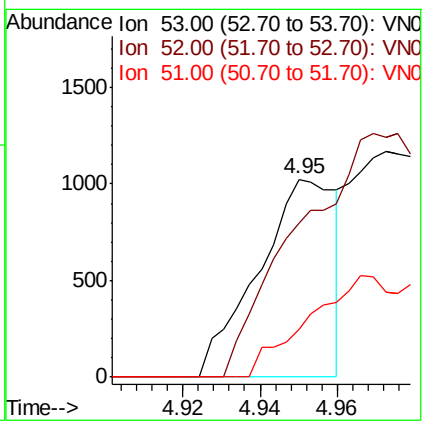


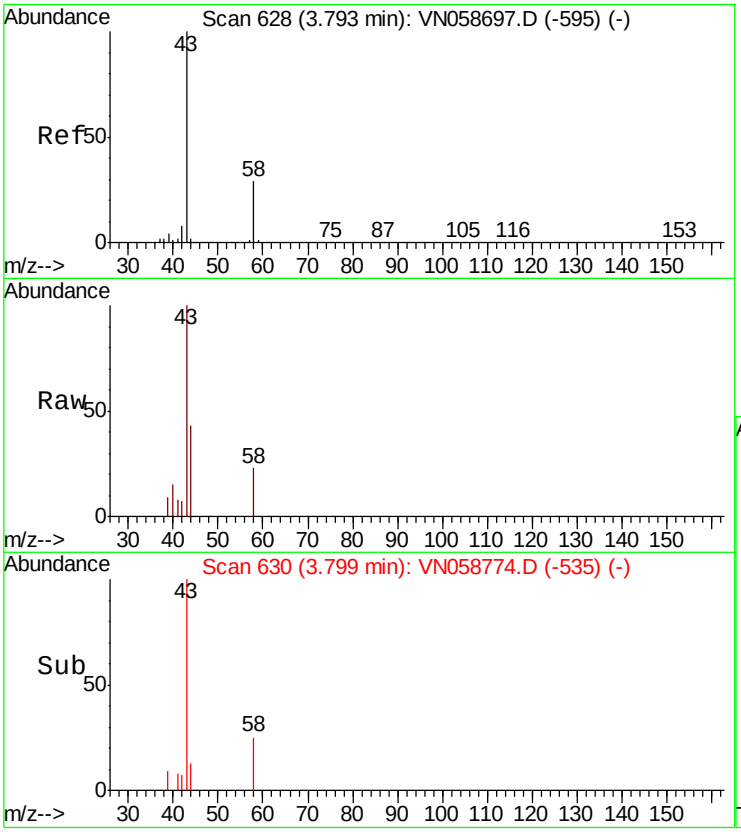


#15
Acrylonitrile
Concen: 0.709 ug/l
RT: 4.95 min Scan# 988
Delta R.T. -0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 53 Resp: 1426

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.2#
51	0.0	29.4	44.2#



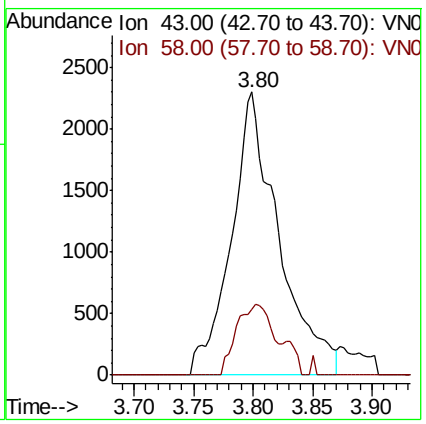


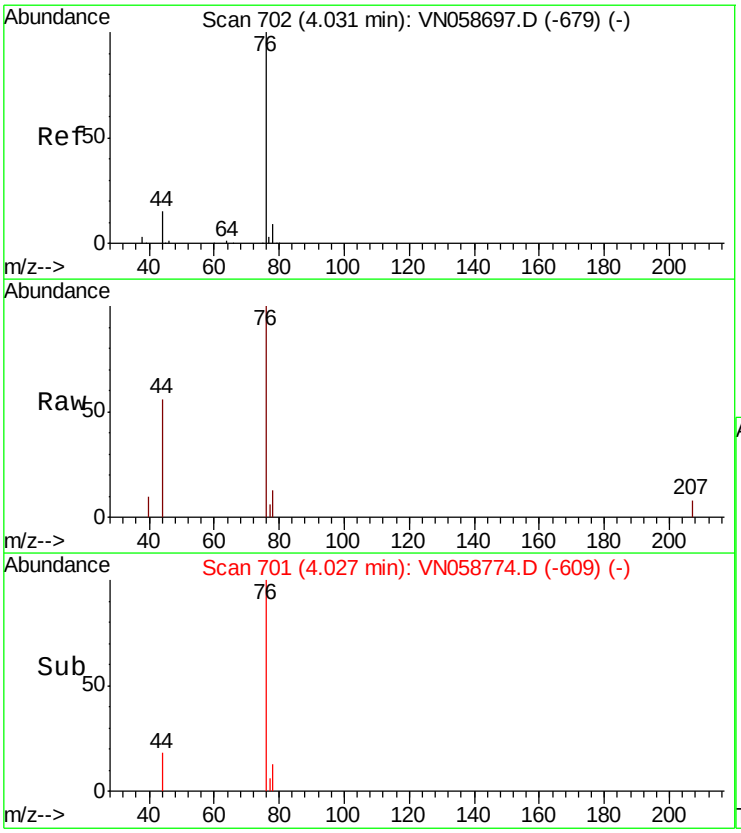
#16
Acetone
Concen: 3.123 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 43 Resp: 6368

Ion	Ratio	Lower	Upper
43	100		
58	23.4	23.3	34.9

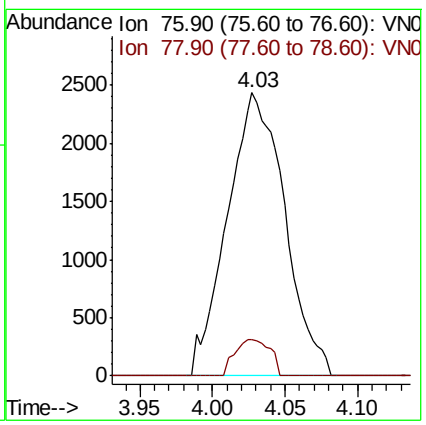


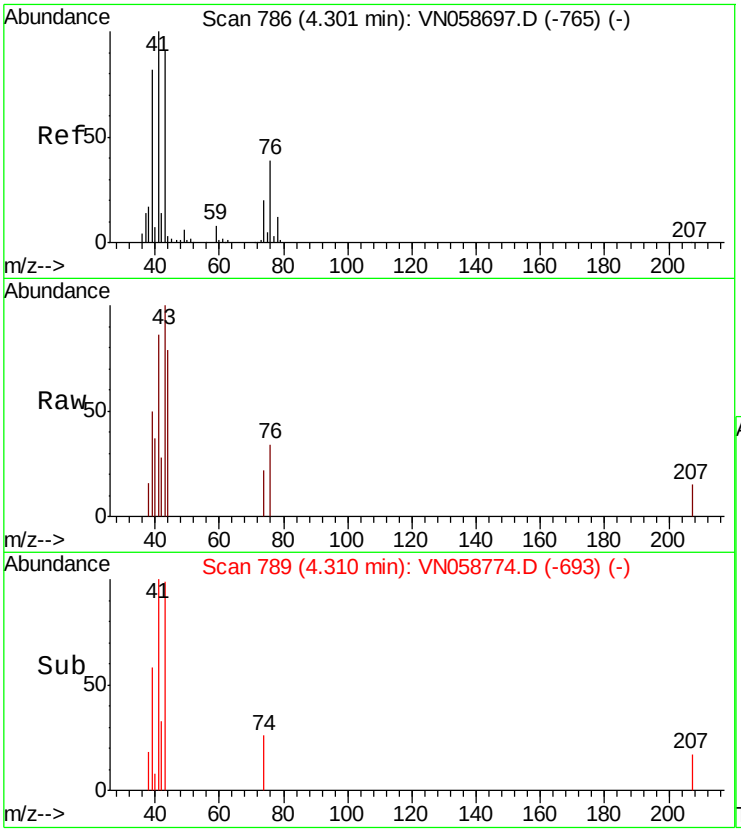


#17
Carbon Disulfide
Concen: 0.621 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 76 Resp: 6712

Ion	Ratio	Lower	Upper
76	100		
78	12.9	7.1	10.7#



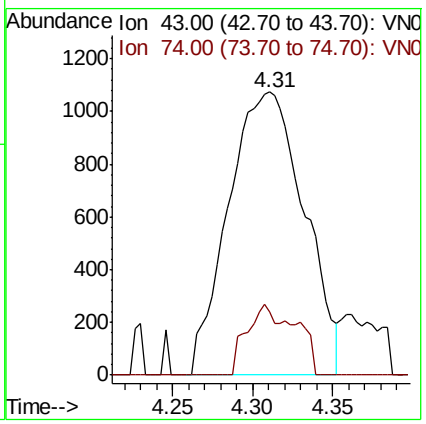


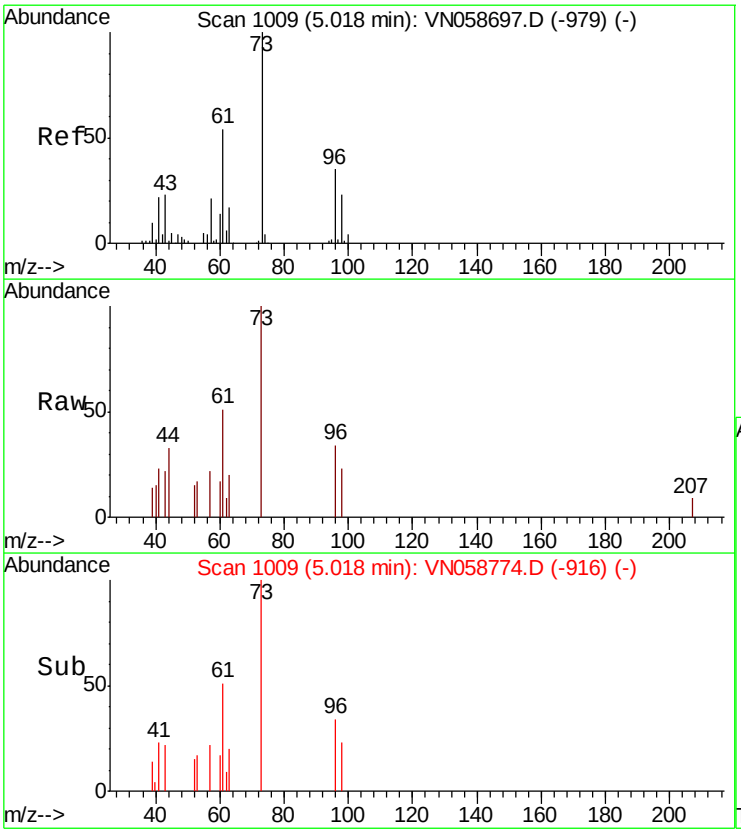
#18
Methyl Acetate
Concen: 0.676 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 43 Resp: 3499

Ion	Ratio	Lower	Upper
43	100		
74	16.1	17.2	25.8#

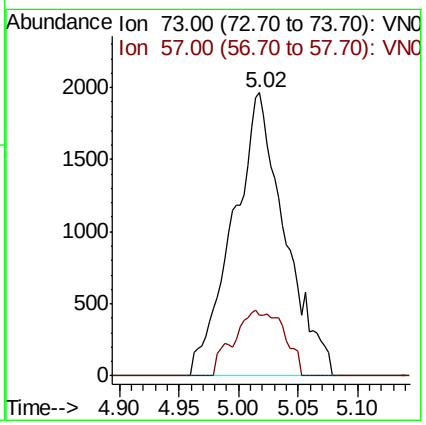


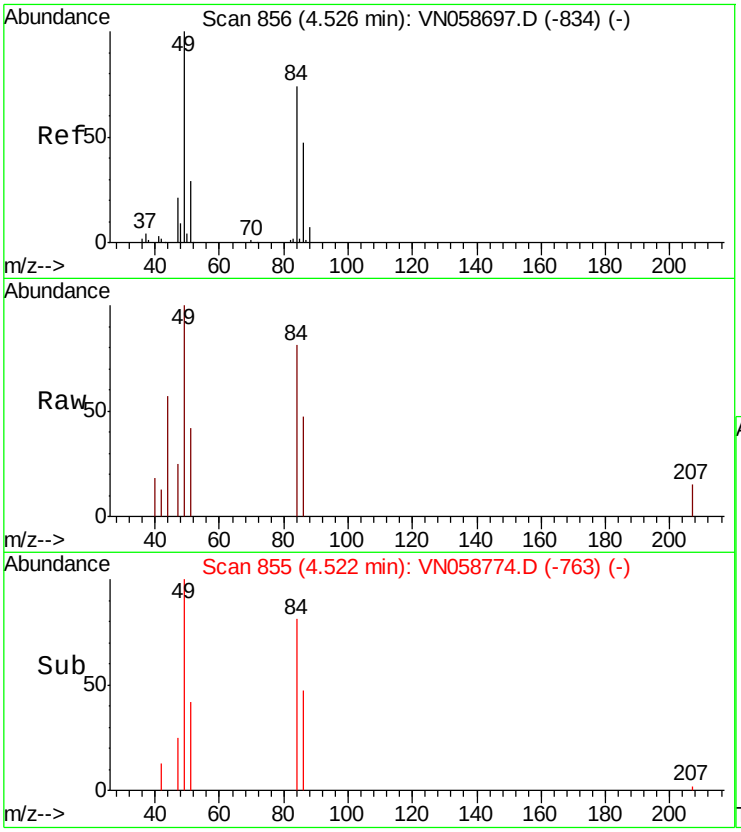


#19
Methyl tert-butyl Ether
Concen: 0.491 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 73 Resp: 5928

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.0	25.6



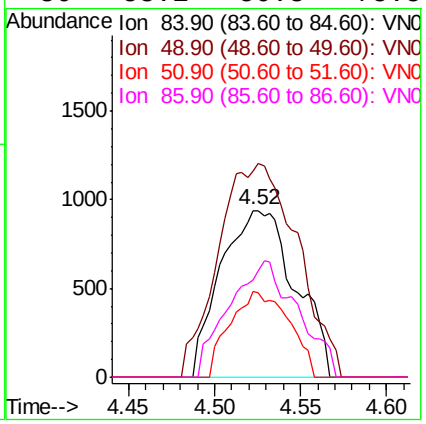


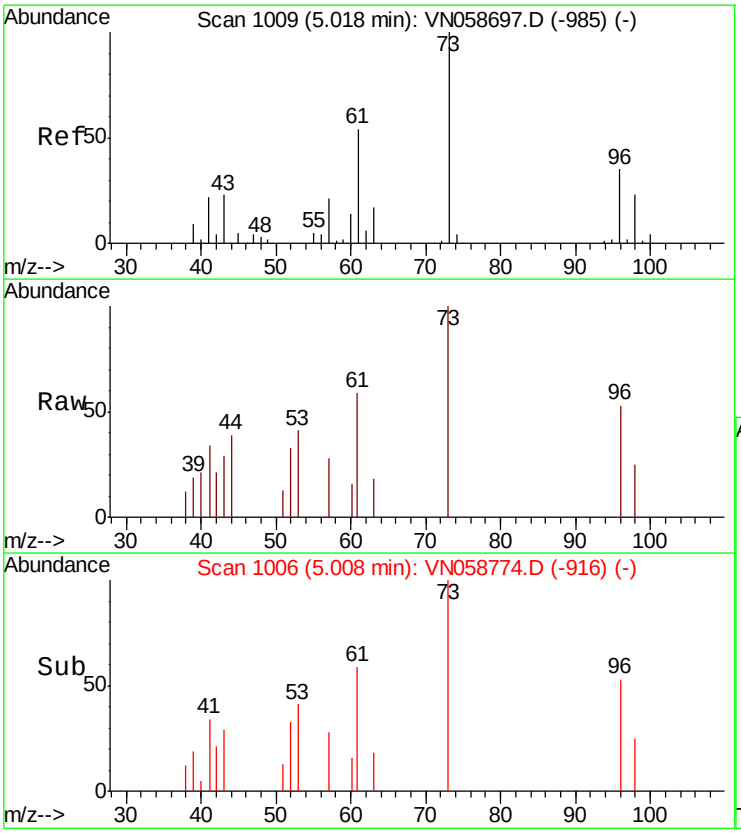
#20
Methylene Chloride
Concen: 0.665 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 84 Resp: 2834

Ion	Ratio	Lower	Upper
84	100		
49	107.6	107.6	161.4#
51	51.5	31.4	47.0#
86	58.1	50.3	75.5

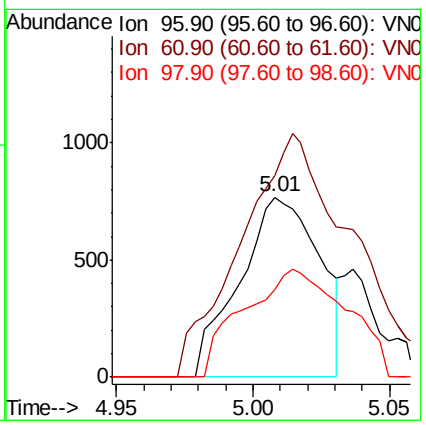


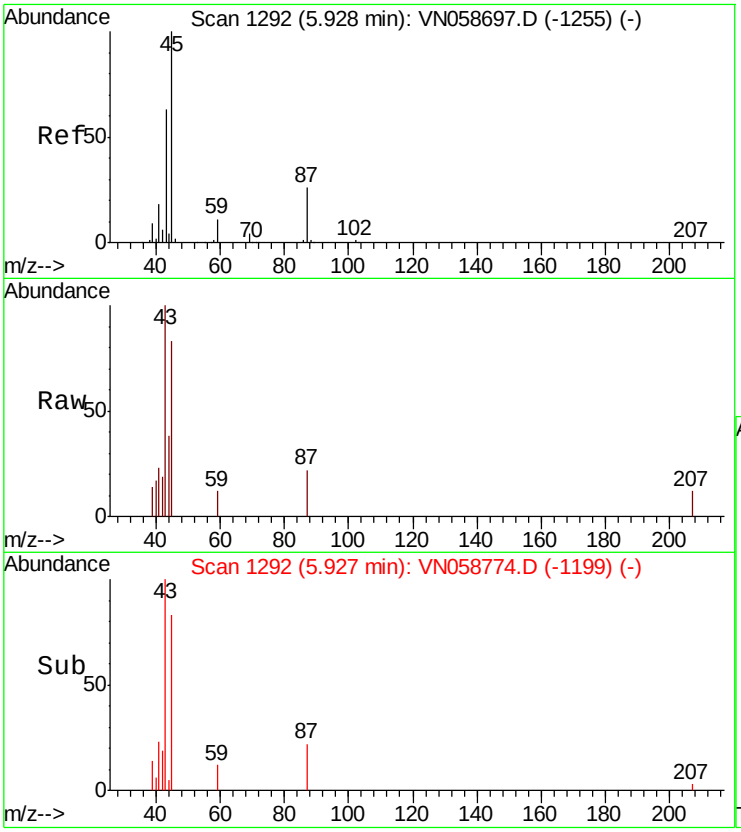


#21
trans-1,2-Dichloroethene
Concen: 0.415 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 96 Resp: 1570

Ion	Ratio	Lower	Upper
96	100		
61	87.9	123.6	185.4#
98	48.4	52.1	78.1#



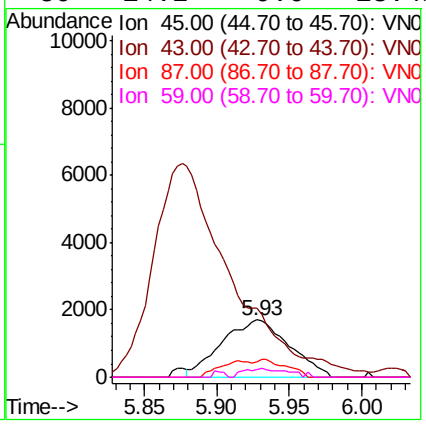


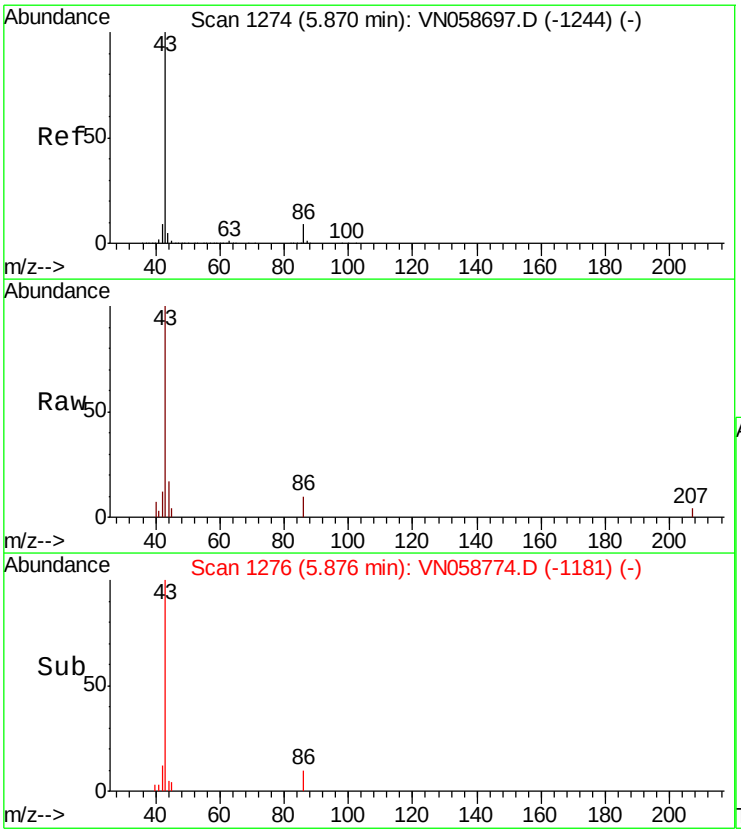
#22
Diisopropyl ether
Concen: 0.414 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 45 Resp: 5491

Ion	Ratio	Lower	Upper
45	100		
43	101.0	50.6	75.8#
87	26.5	21.1	31.7
59	14.2	9.0	13.4#

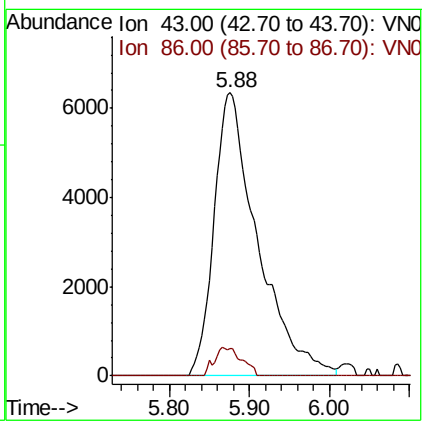


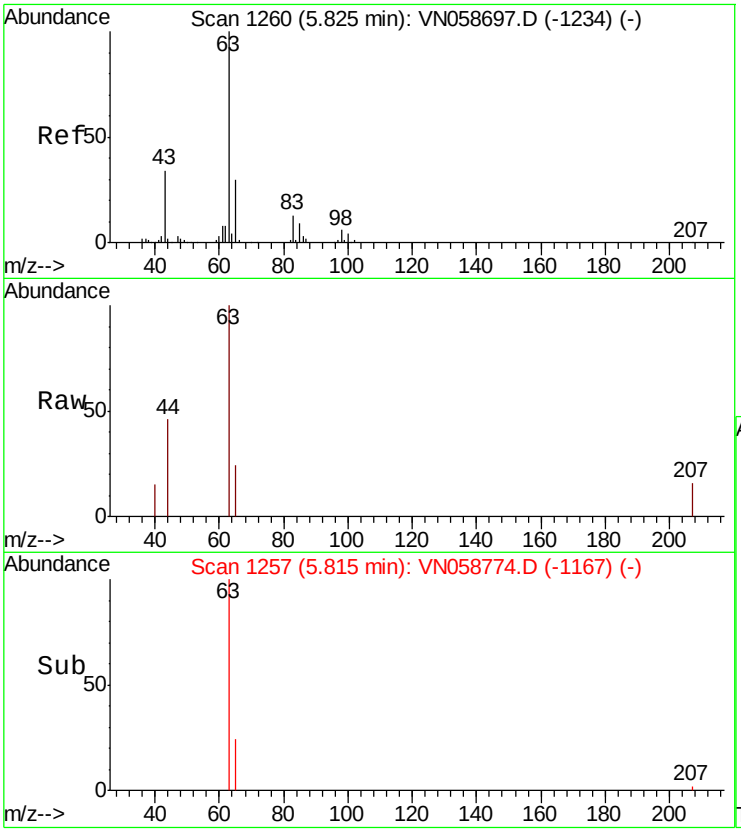


#23
Vinyl Acetate
Concen: 2.229 ug/l
RT: 5.88 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 43 Resp: 23843

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.4	11.0



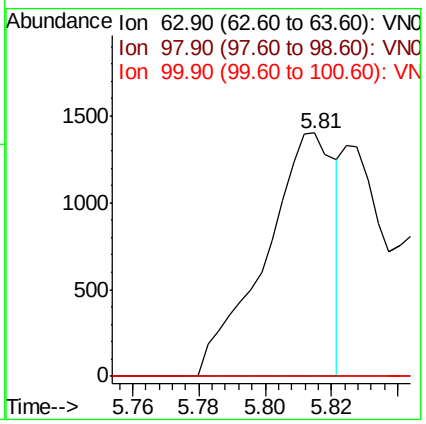


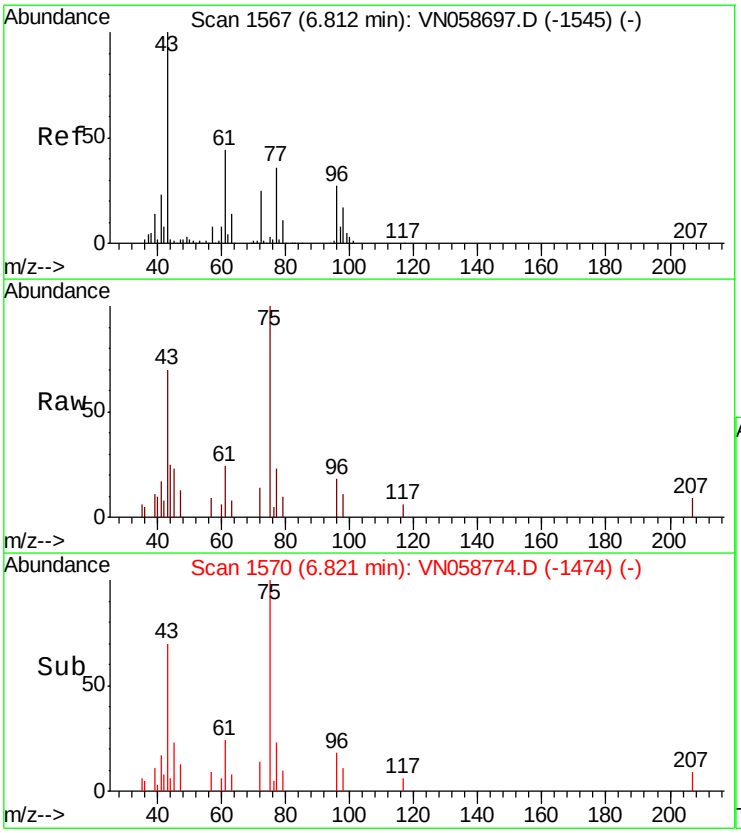
#24
1,1-Dichloroethane
Concen: 0.273 ug/l
RT: 5.81 min Scan# 1257
Delta R.T. -0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 63 Resp: 2063

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.6#
100	0.0	1.8	5.5#

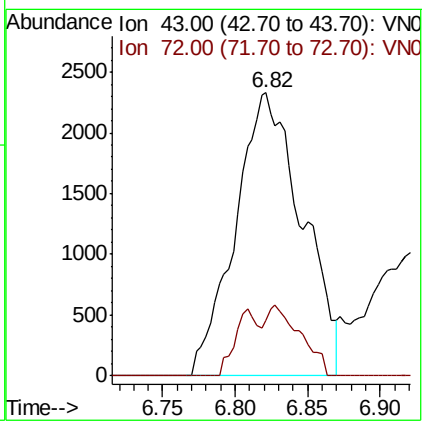


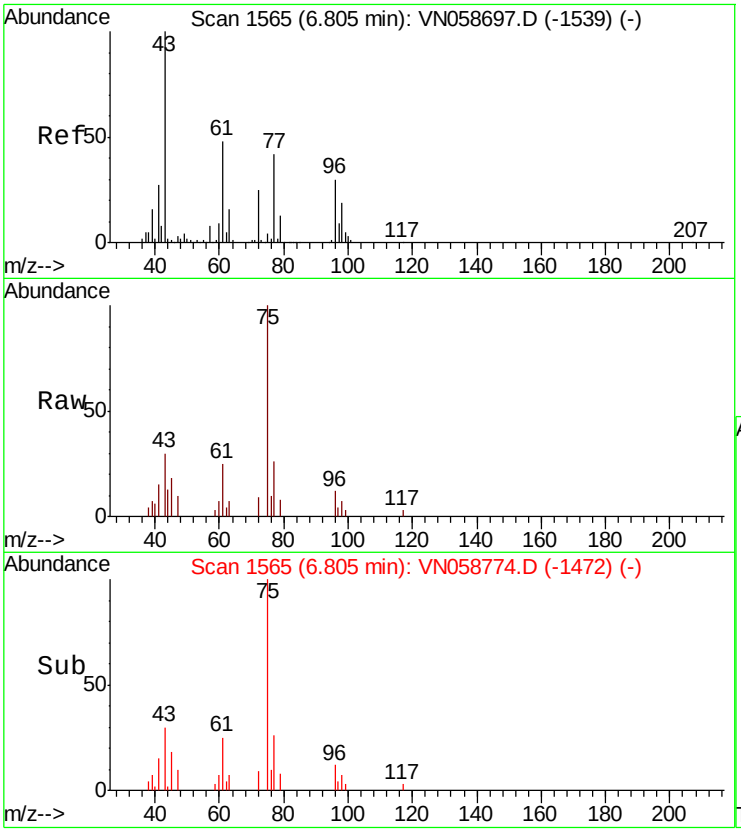


#25
2-Butanone
Concen: 2.538 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 43 Resp: 7480

Ion	Ratio	Lower	Upper
43	100		
72	19.7	20.2	30.2#



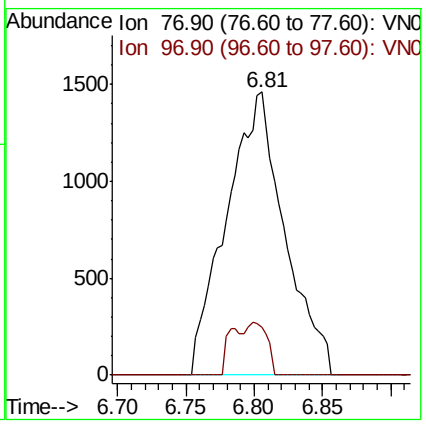


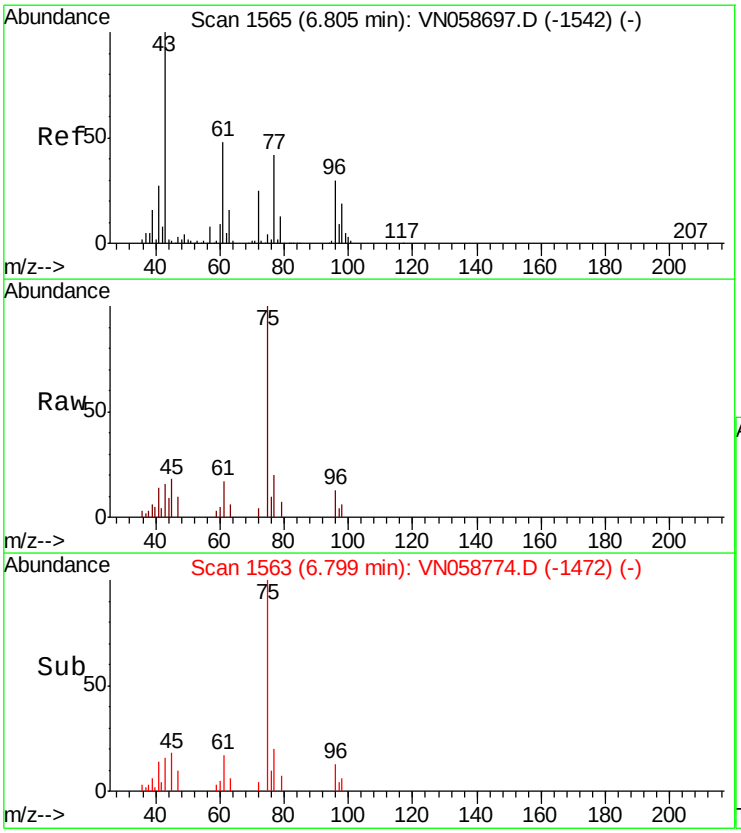
#26
2,2-Dichloropropane
Concen: 0.629 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 77 Resp: 4335

Ion	Ratio	Lower	Upper
77	100		
97	6.3	10.7	31.9#

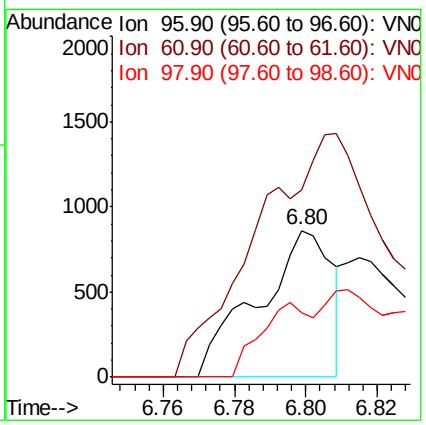


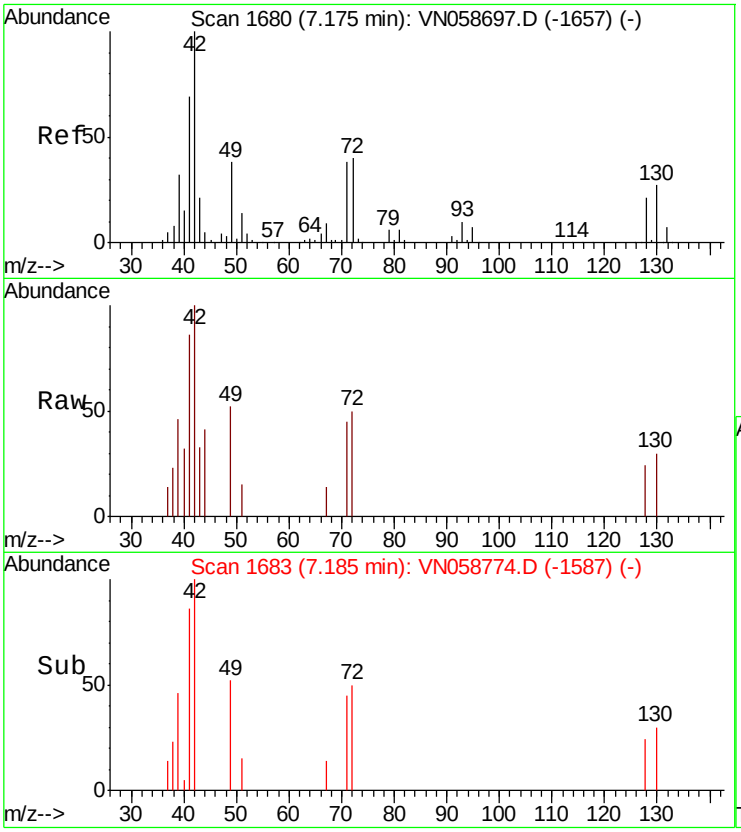


#27
cis-1,2-Dichloroethene
Concen: 0.281 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 96 Resp: 1240

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	324.8
98	35.0	0.0	129.2



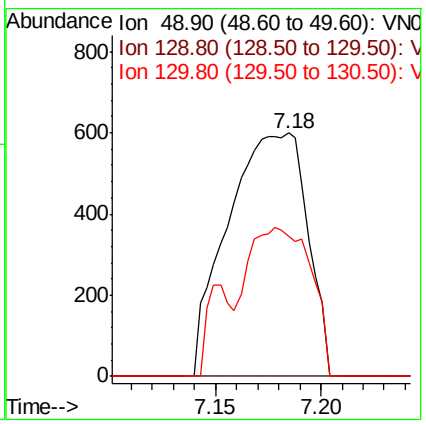


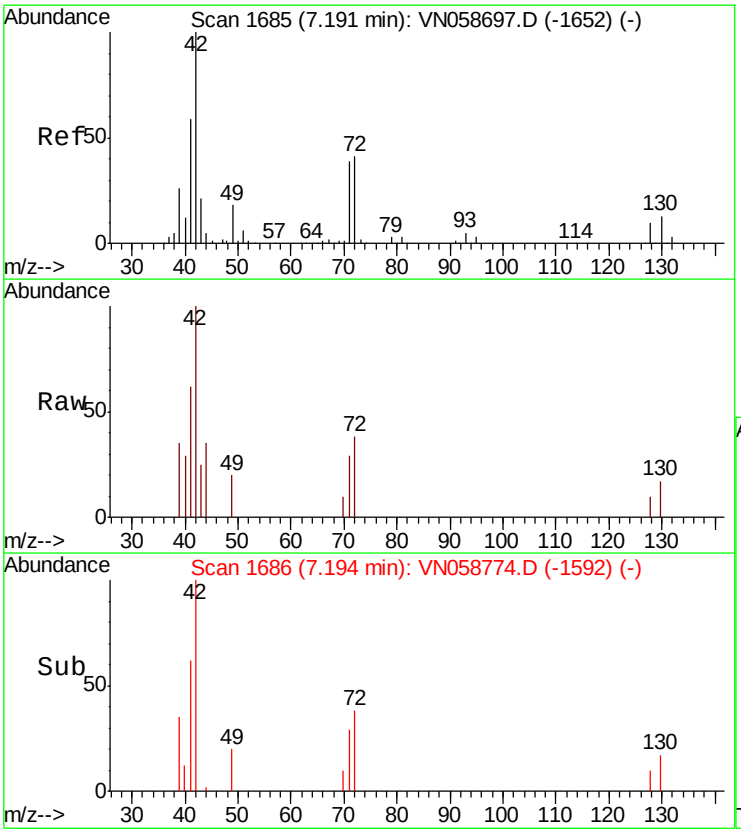
#28
Bromochloromethane
Concen: 0.597 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 49 Resp: 1569

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	48.7	55.0	82.4#

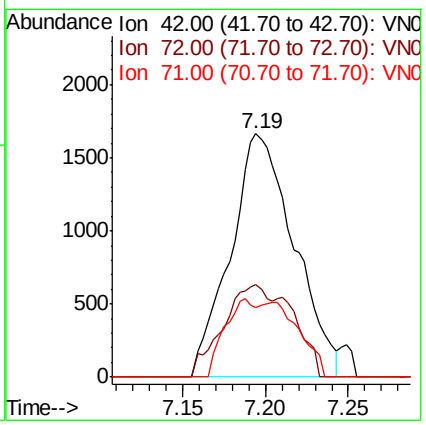


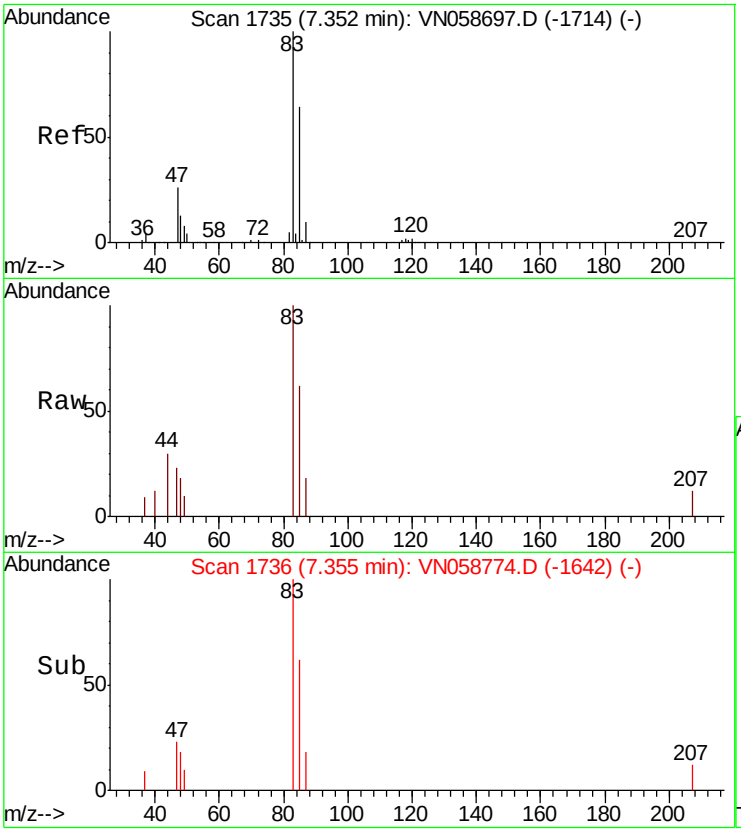


#29
Tetrahydrofuran
Concen: 2.335 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 42 Resp: 4448

Ion	Ratio	Lower	Upper
42	100		
72	27.8	32.8	49.2#
71	15.6	31.1	46.7#



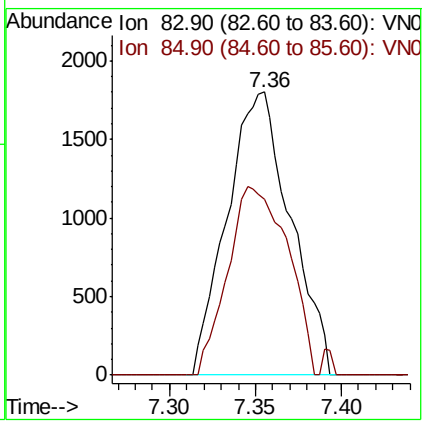


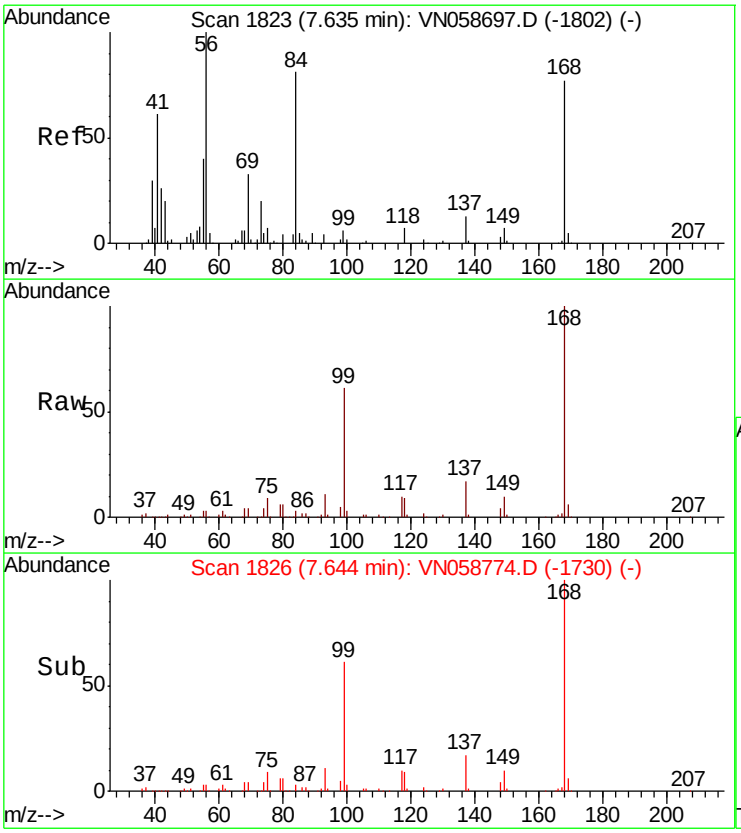
#30
Chloroform
Concen: 0.608 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 83 Resp: 4616

Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.0	76.6

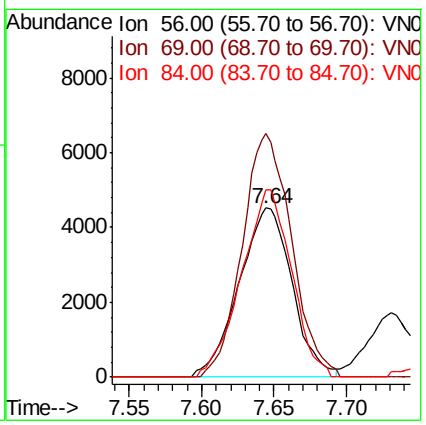


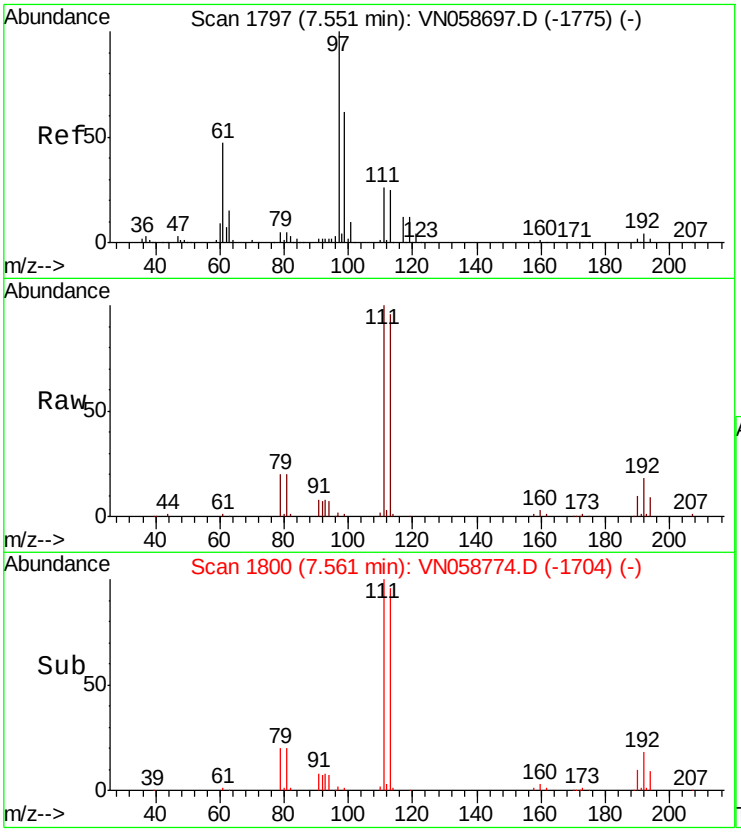


#31
Cyclohexane
Concen: 1.595 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 56 Resp: 11520

Ion	Ratio	Lower	Upper
56	100		
69	143.8	26.2	39.4#
84	111.0	64.9	97.3#



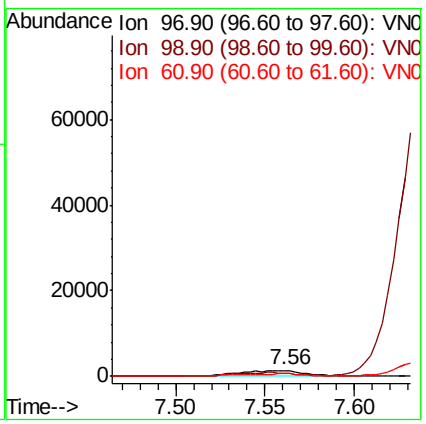


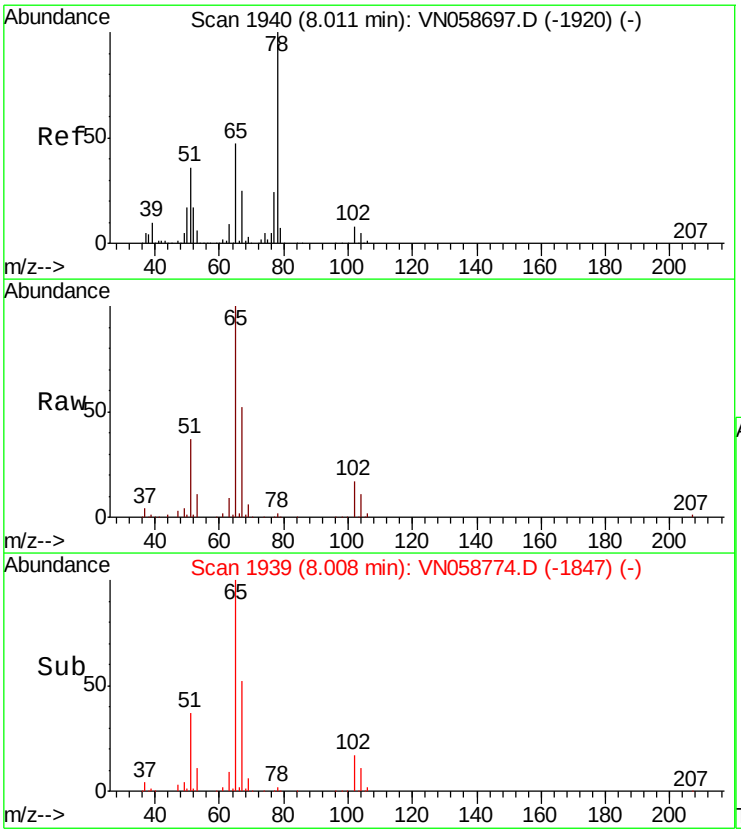
#32
1,1,1-Trichloroethane
Concen: 0.515 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. 0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 97 Resp: 3333

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	21.2	38.1	57.1#

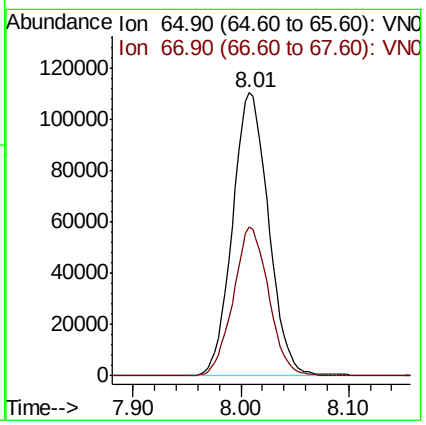


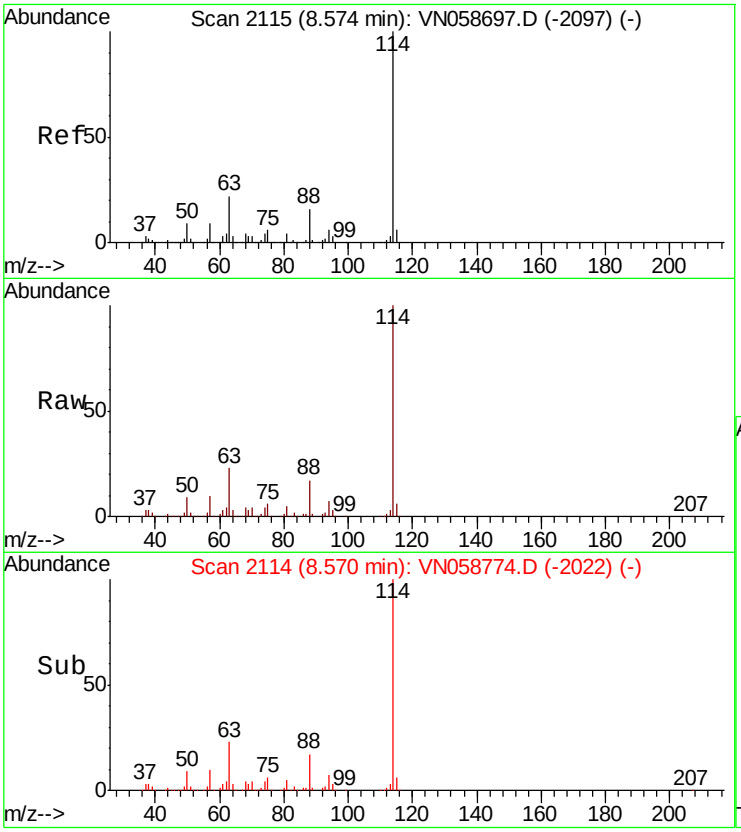


#33
1,2-Dichloroethane-d4
Concen: 52.300 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 65 Resp: 257611

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.8



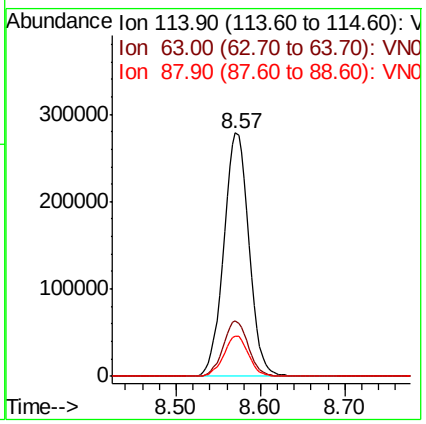


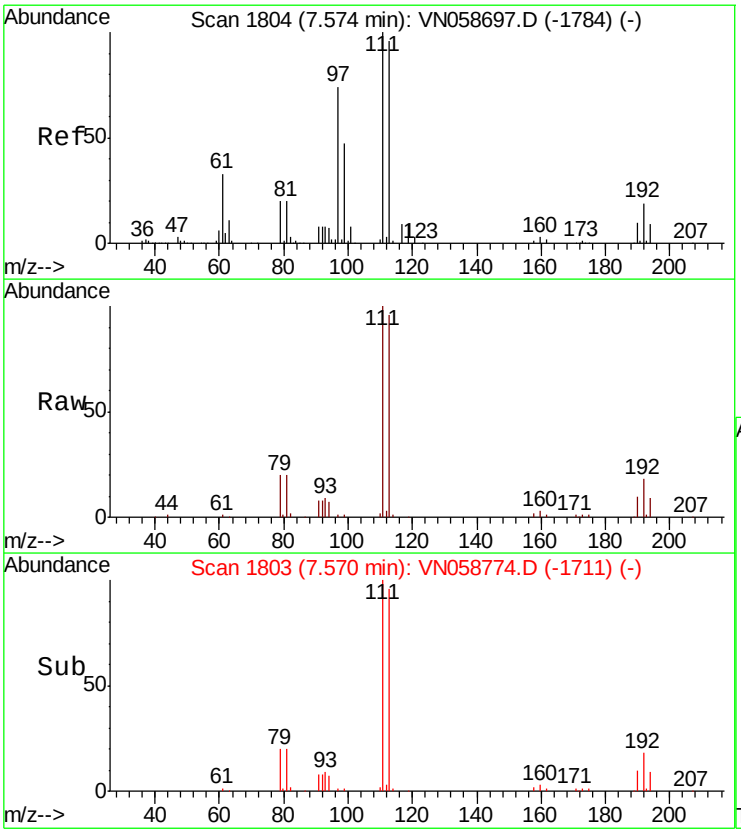
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:114 Resp: 578130

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.8
88	16.6	0.0	32.0

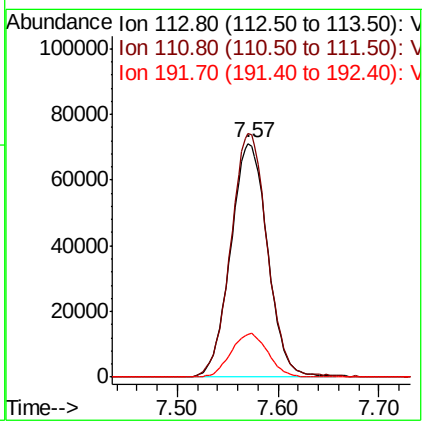


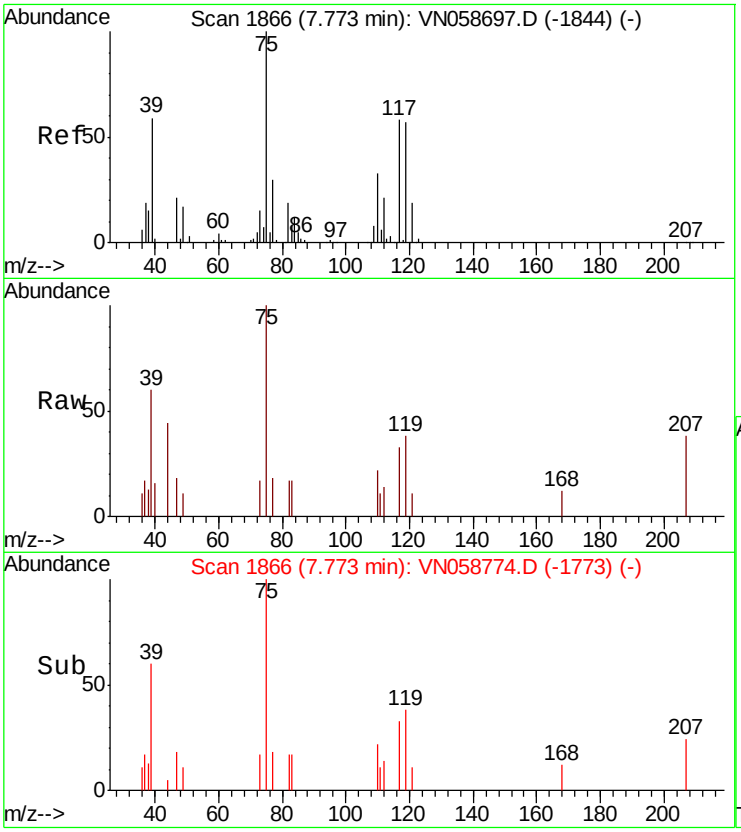


#35
Dibromofluoromethane
Concen: 50.661 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:113 Resp: 180910

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.3	123.5
192	18.6	15.0	22.6



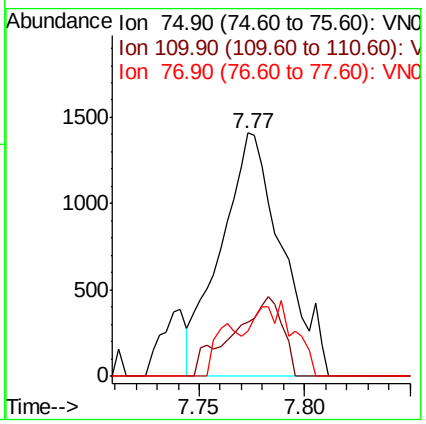


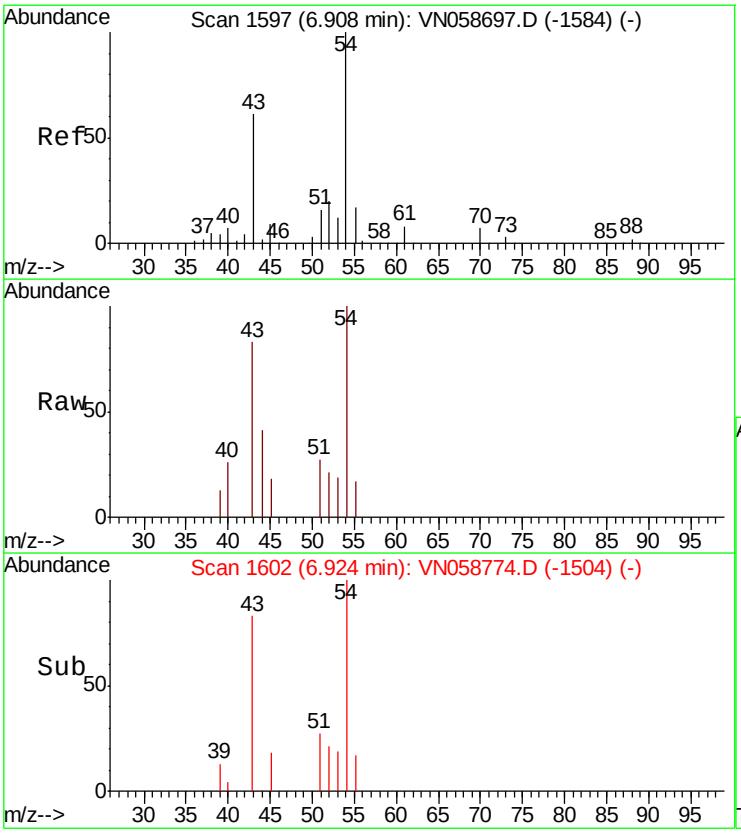
#36
1,1-Dichloropropene
Concen: 0.488 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 75 Resp: 2855

Ion	Ratio	Lower	Upper
75	100		
110	26.2	16.6	49.8
77	20.5	24.6	37.0#

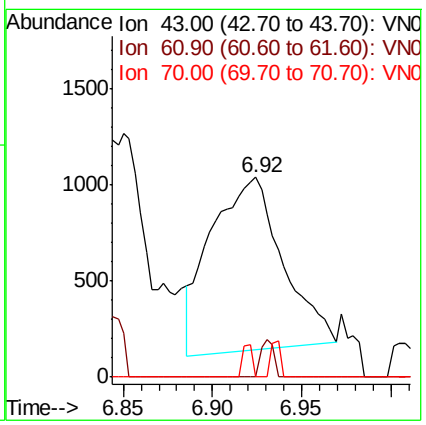


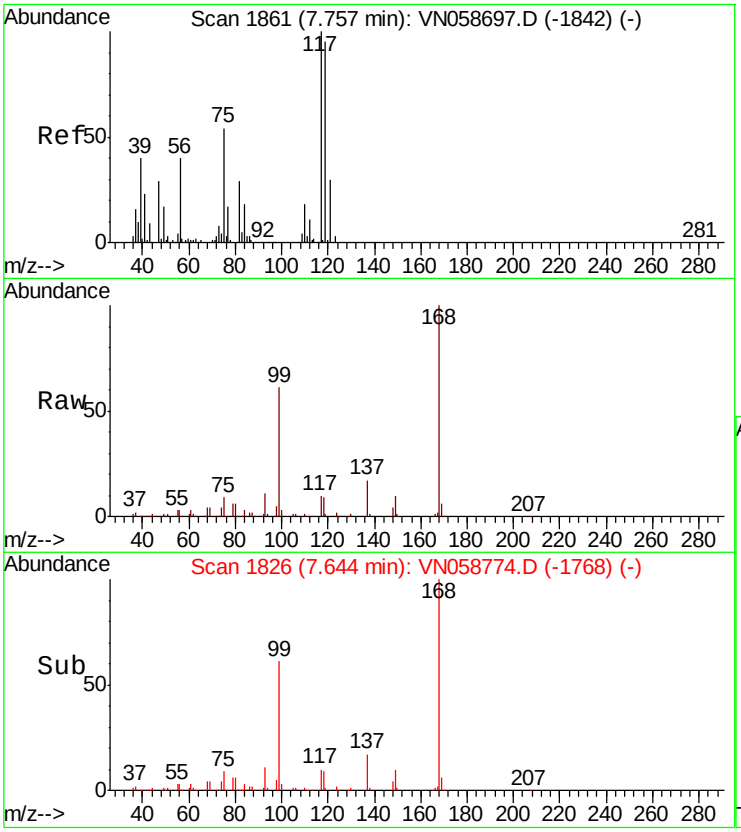


#37
Ethyl Acetate
Concen: 0.429 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 43 Resp: 2535

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	2.5	7.2	10.8#



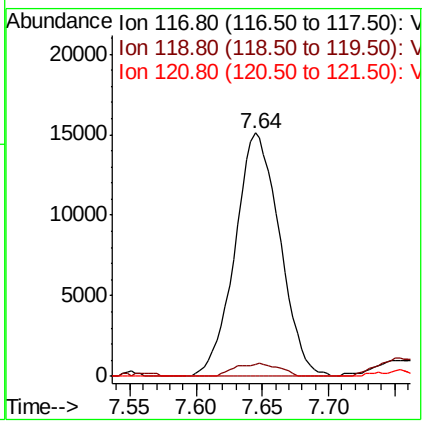


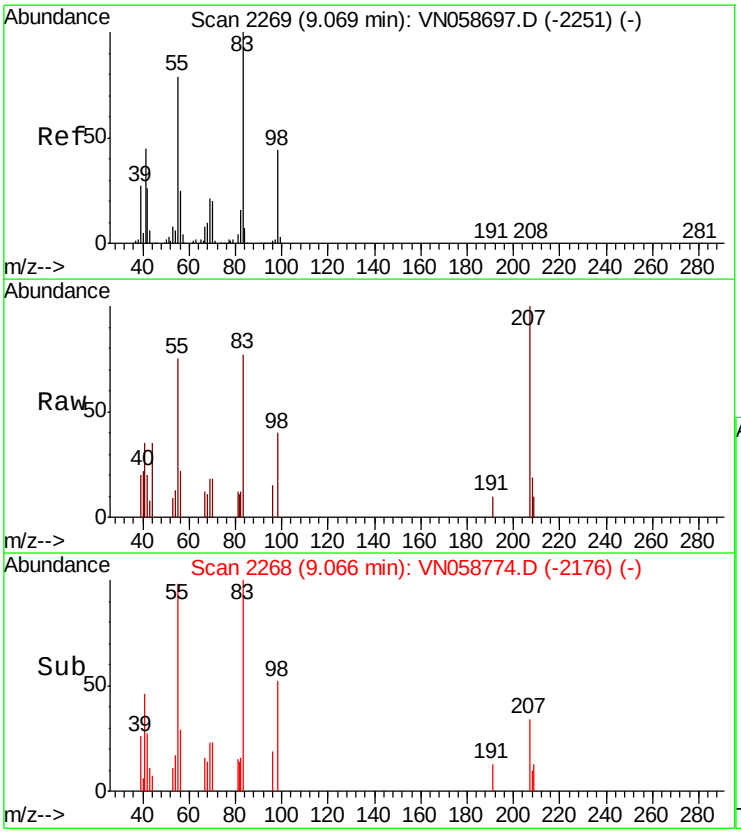
#38
Carbon Tetrachloride
Concen: 6.229 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.11 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:117 Resp: 35487

Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.7	113.5#
121	0.0	23.9	35.9#

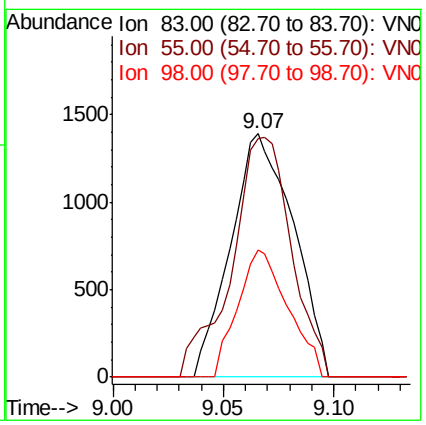


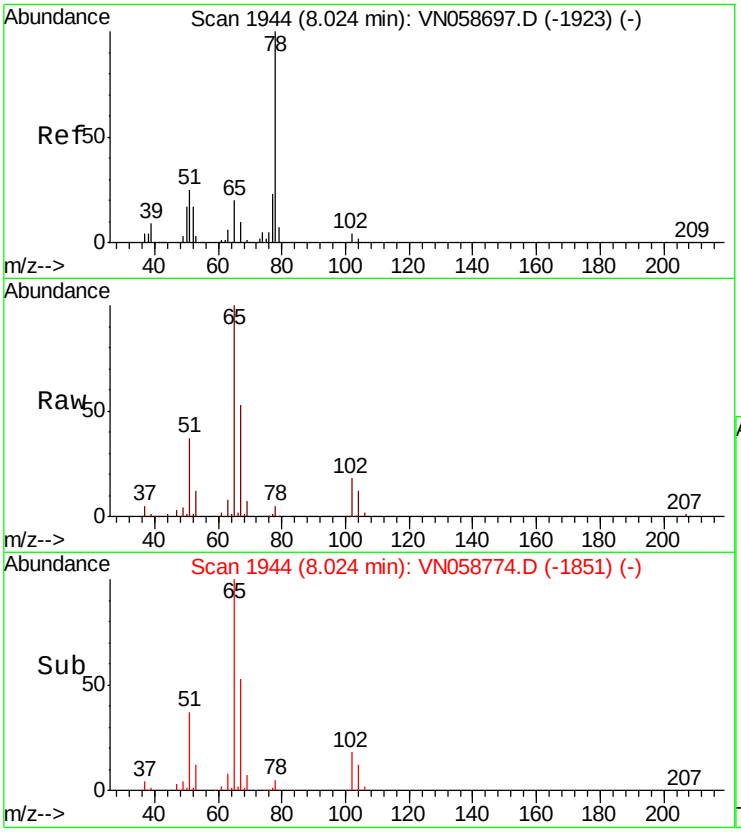


#39
Methylcyclohexane
Concen: 0.405 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 83 Resp: 2744

Ion	Ratio	Lower	Upper
83	100		
55	97.7	63.4	95.0#
98	52.2	35.1	52.7



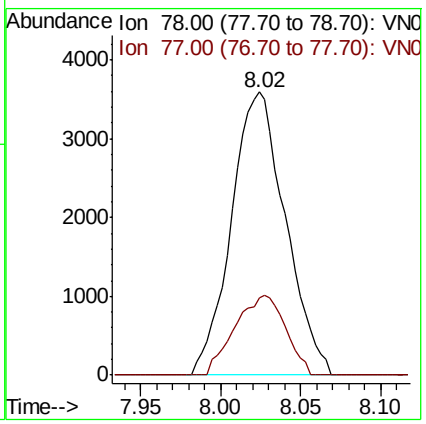


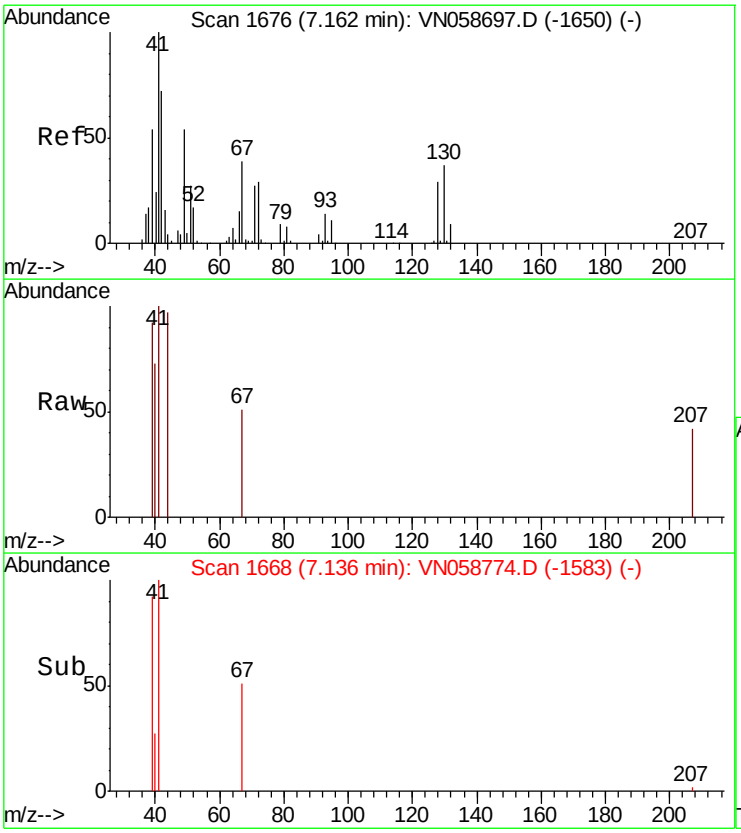
#40
Benzene
Concen: 0.495 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 78 Resp: 8309

Ion	Ratio	Lower	Upper
78	100		
77	27.1	18.8	28.2

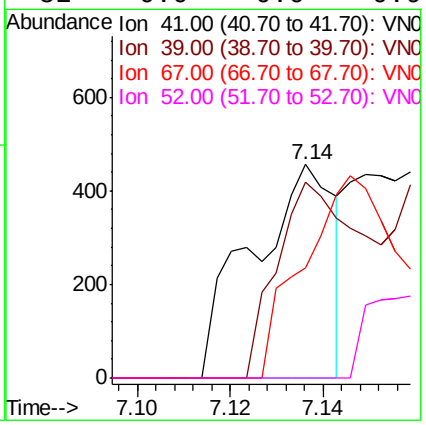


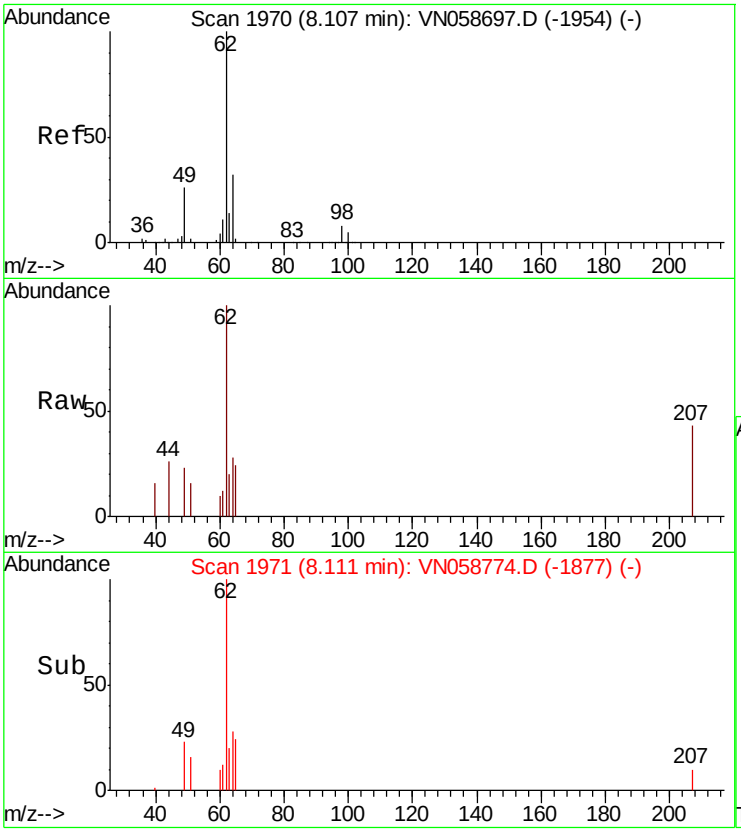


#41
Methacrylonitrile
Concen: 0.205 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. -0.03 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 41 Resp: 566

Ion	Ratio	Lower	Upper
41	100		
39	96.1	115.4	173.2#
67	110.4	0.0	0.0#
52	0.0	0.0	0.0



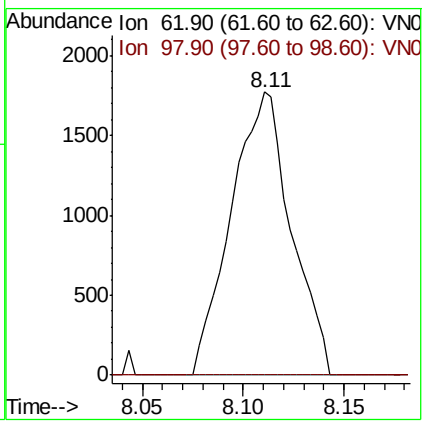


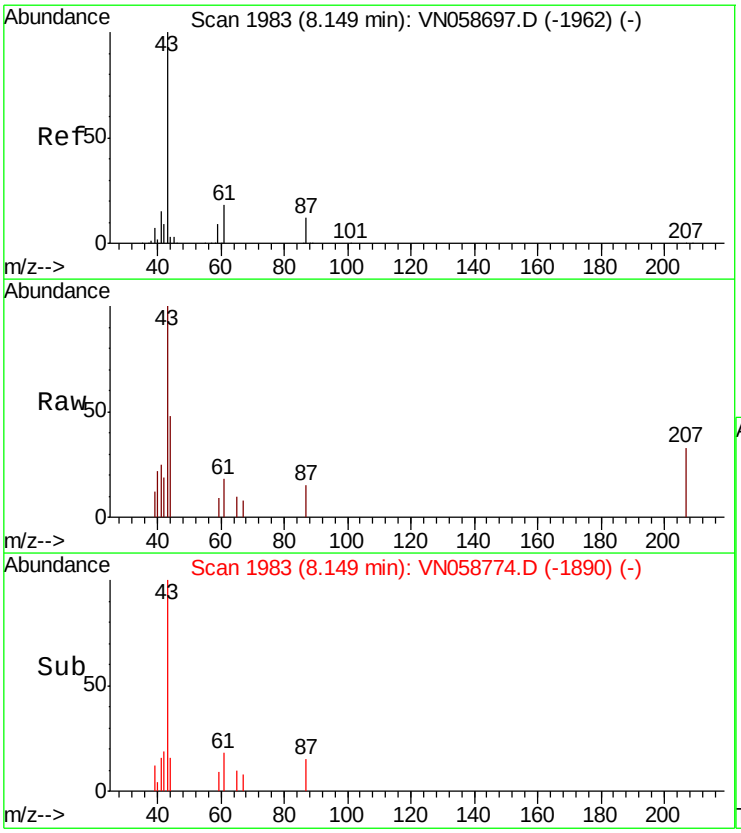
#42
1,2-Dichloroethane
Concen: 0.570 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 62 Resp: 3677

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8

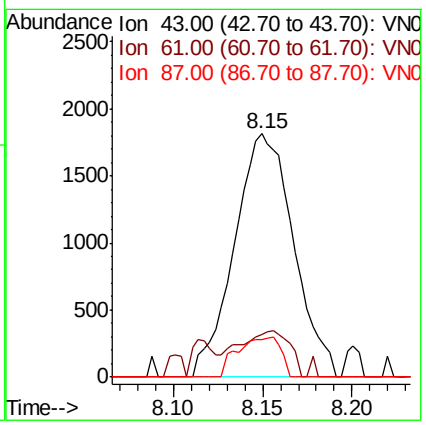


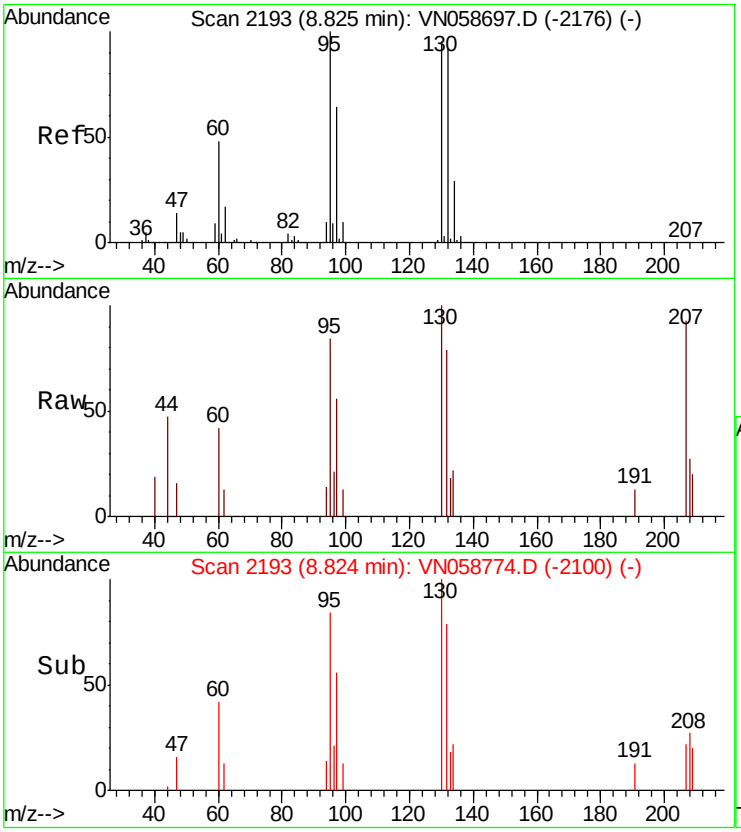


#43
Isopropyl Acetate
Concen: 0.417 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 43 Resp: 4200

Ion	Ratio	Lower	Upper
43	100		
61	16.3	20.3	30.5#
87	12.0	9.8	14.6



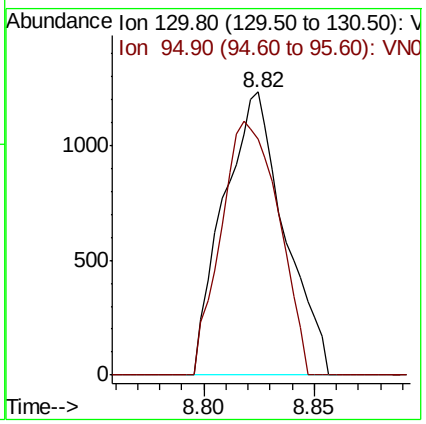


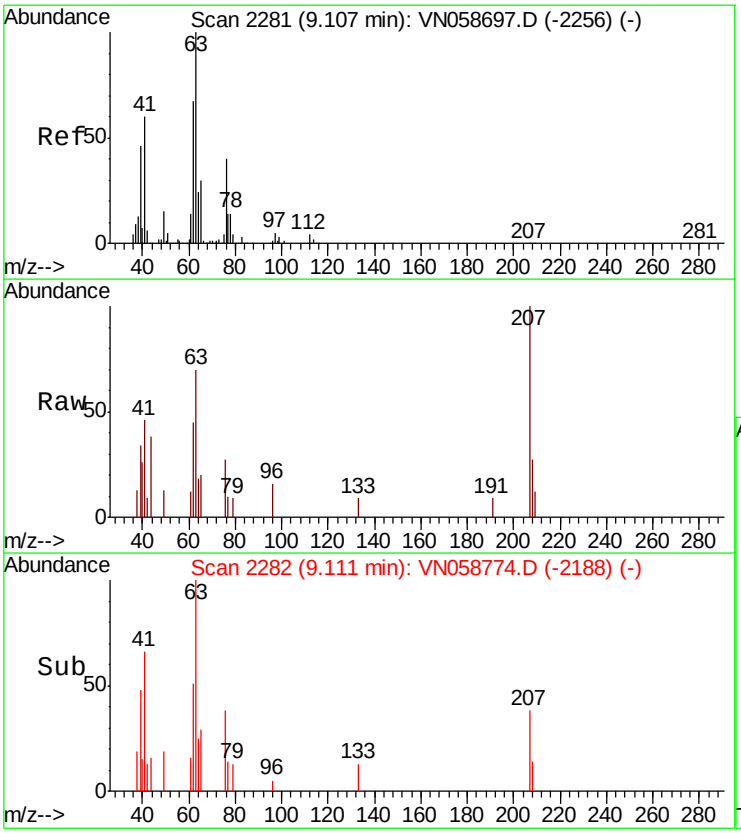
#44
Trichloroethene
Concen: 0.565 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:130 Resp: 2356

Ion	Ratio	Lower	Upper
130	100		
95	83.5	0.0	211.2

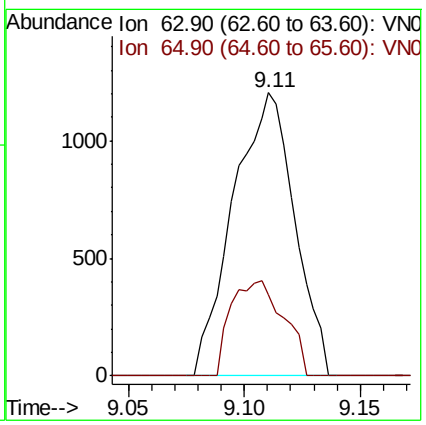


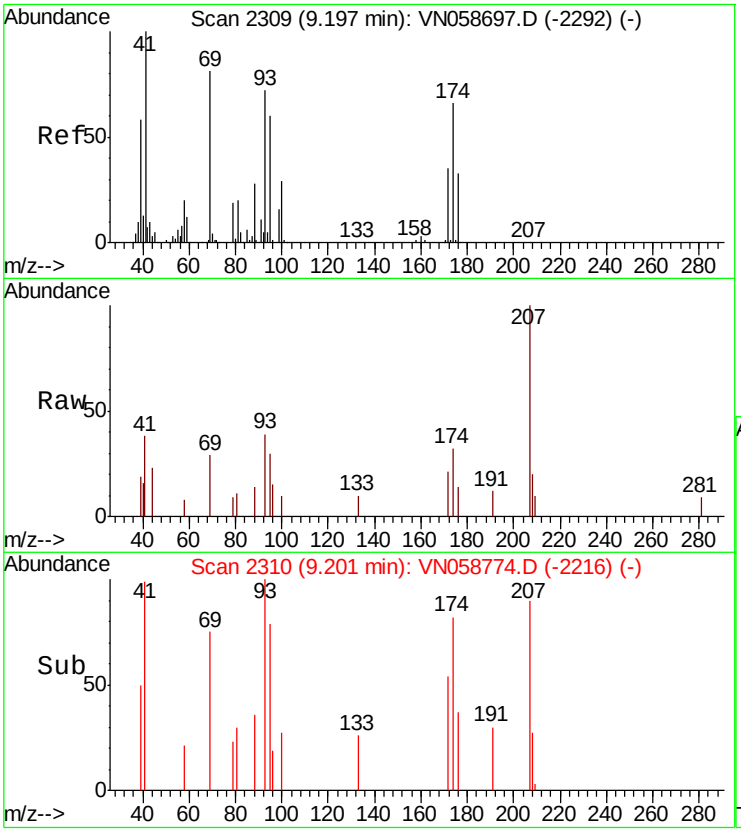


#45
1,2-Dichloropropane
Concen: 0.492 ug/l
RT: 9.11 min Scan# 2282
Delta R.T. 0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 63 Resp: 2212

Ion	Ratio	Lower	Upper
63	100		
65	28.7	24.1	36.1



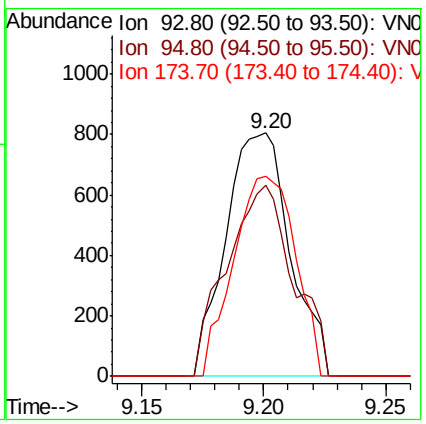


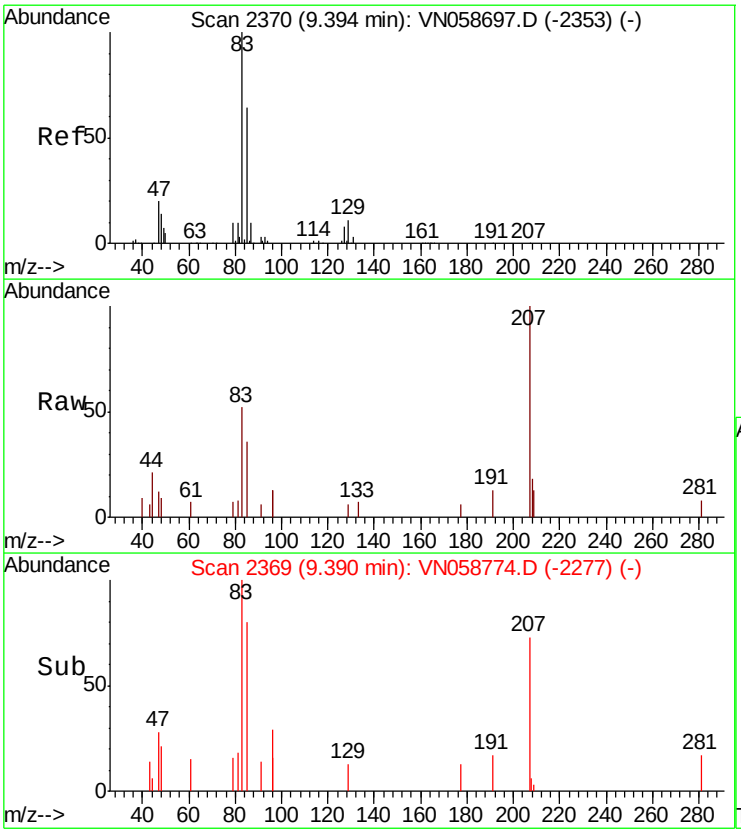
#46
Dibromomethane
Concen: 0.519 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 93 Resp: 1480

Ion	Ratio	Lower	Upper
93	100		
95	81.0	66.6	100.0
174	79.2	75.2	112.8

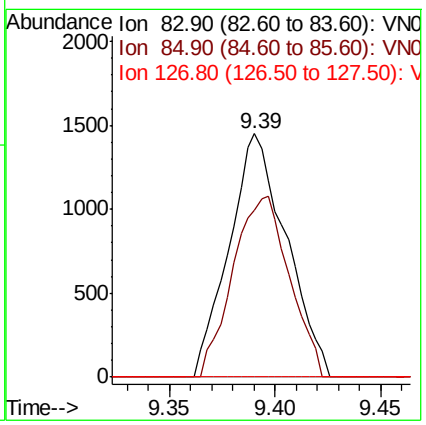


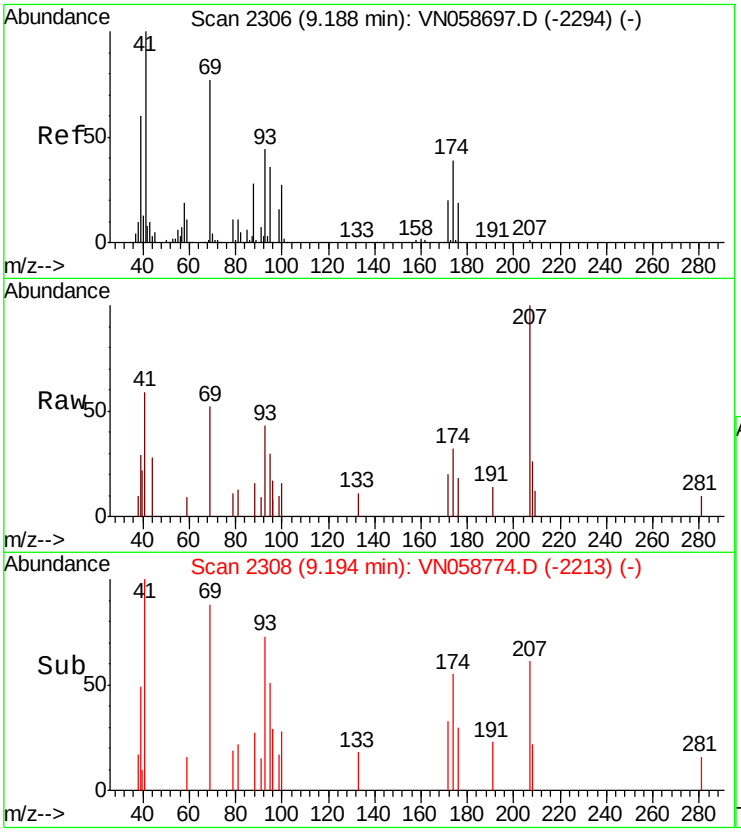


#47
Bromodichloromethane
Concen: 0.469 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 83 Resp: 2719

Ion	Ratio	Lower	Upper
83	100		
85	68.5	50.9	76.3
127	0.0	6.3	9.5#



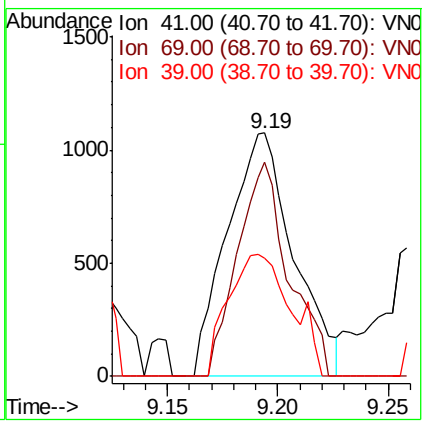


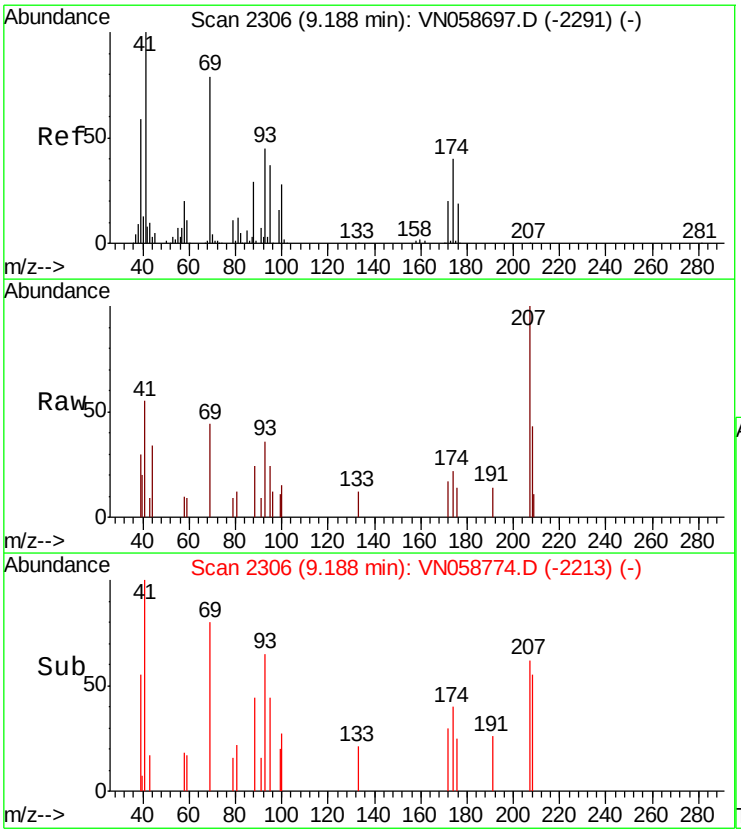
#48
Methyl methacrylate
Concen: 0.493 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument : MSVOA_N
ClientSampleId : MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 41 Resp: 2249

Ion	Ratio	Lower	Upper
41	100		
69	68.2	63.4	95.2
39	47.4	48.9	73.3#

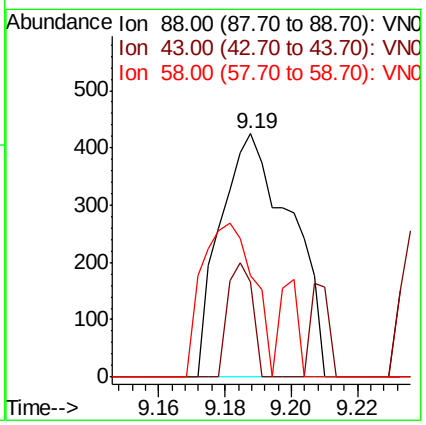


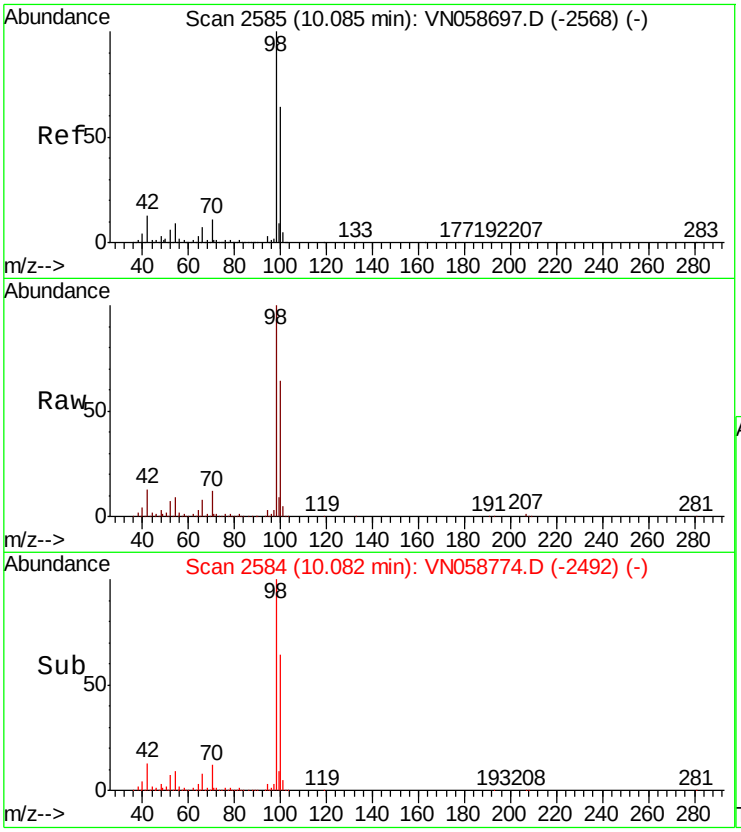


#49
1,4-Dioxane
Concen: 8.921 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 88 Resp: 630

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	43.0#
58	45.7	57.2	85.8#



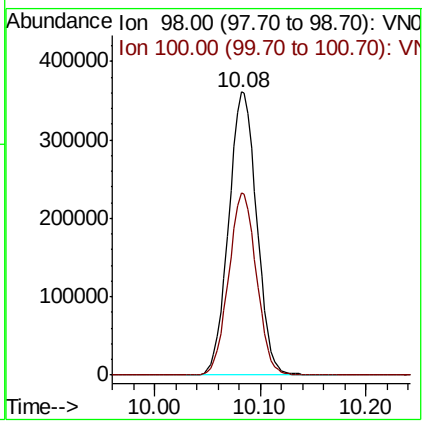


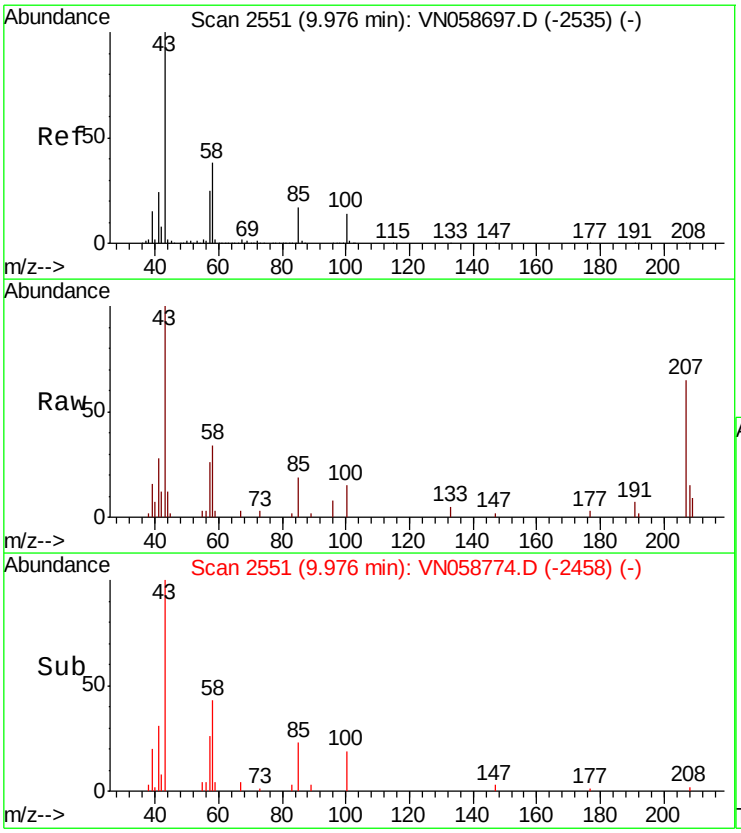
#50
Toluene-d8
Concen: 46.561 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 98 Resp: 664889

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7

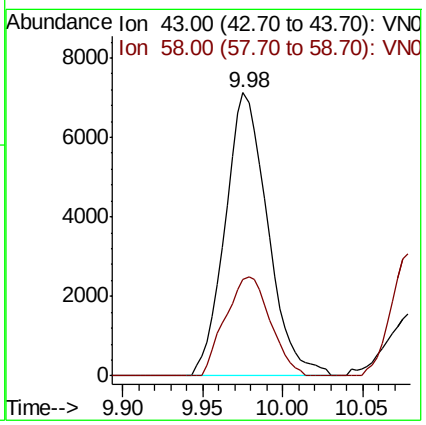


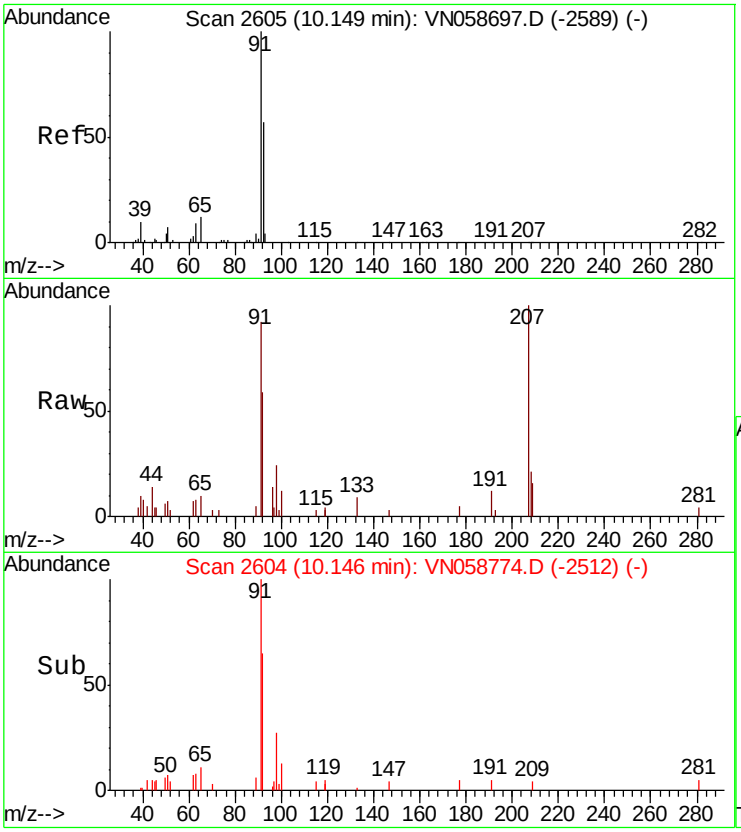


#51
4-Methyl-2-Pentanone
Concen: 2.286 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 43 Resp: 12930

Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.3	45.5



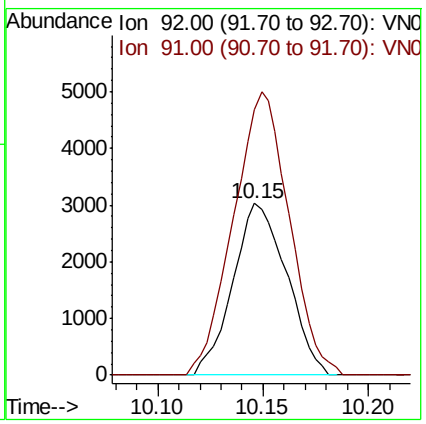


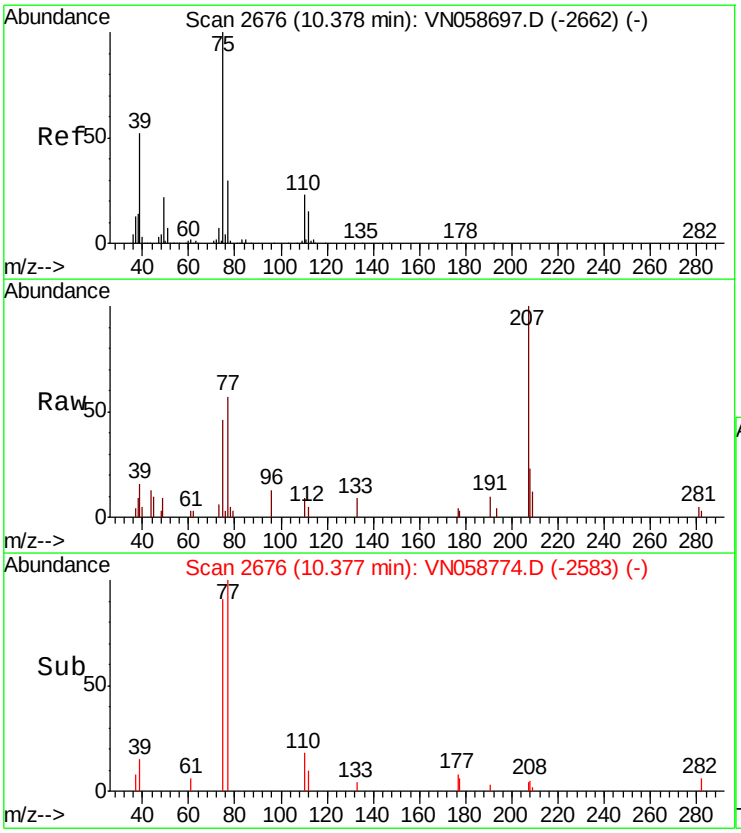
#52
Toluene
Concen: 0.523 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 92 Resp: 5370

Ion	Ratio	Lower	Upper
92	100		
91	170.9	139.1	208.7

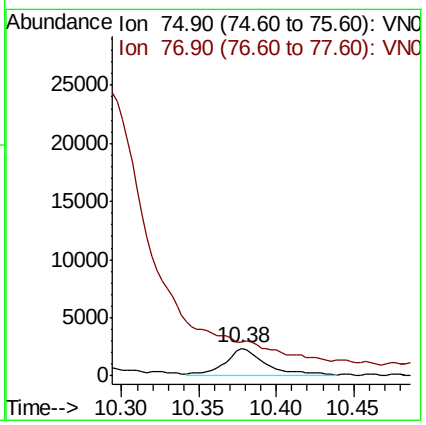


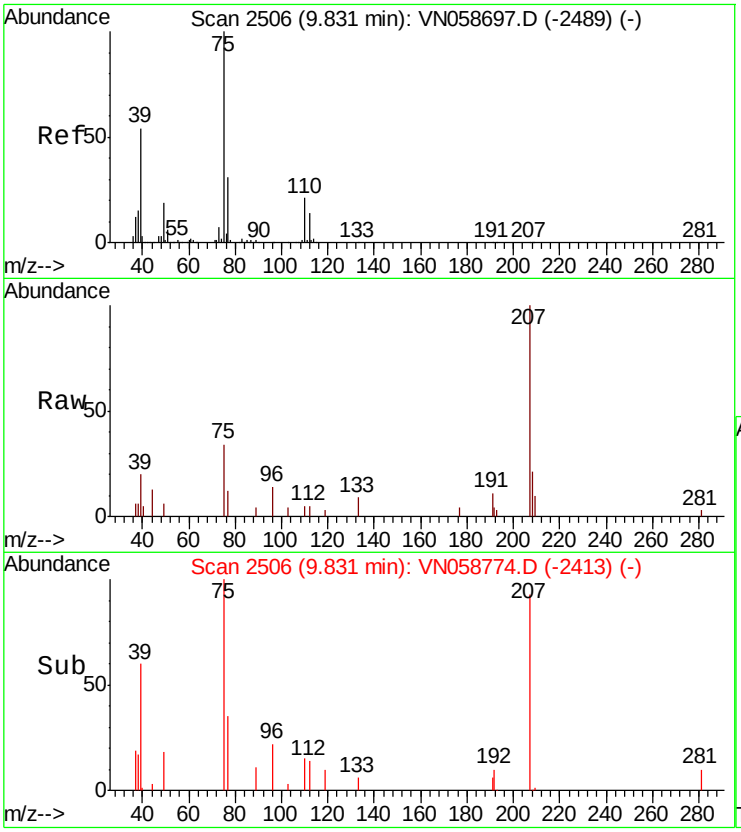


#53
t-1,3-Dichloropropene
Concen: 0.669 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 75 Resp: 4450

Ion	Ratio	Lower	Upper
75	100		
77	66.8	26.2	39.4#



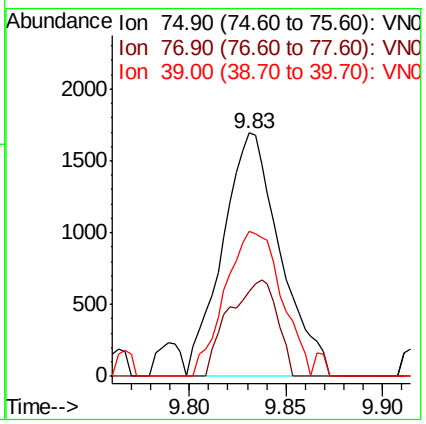


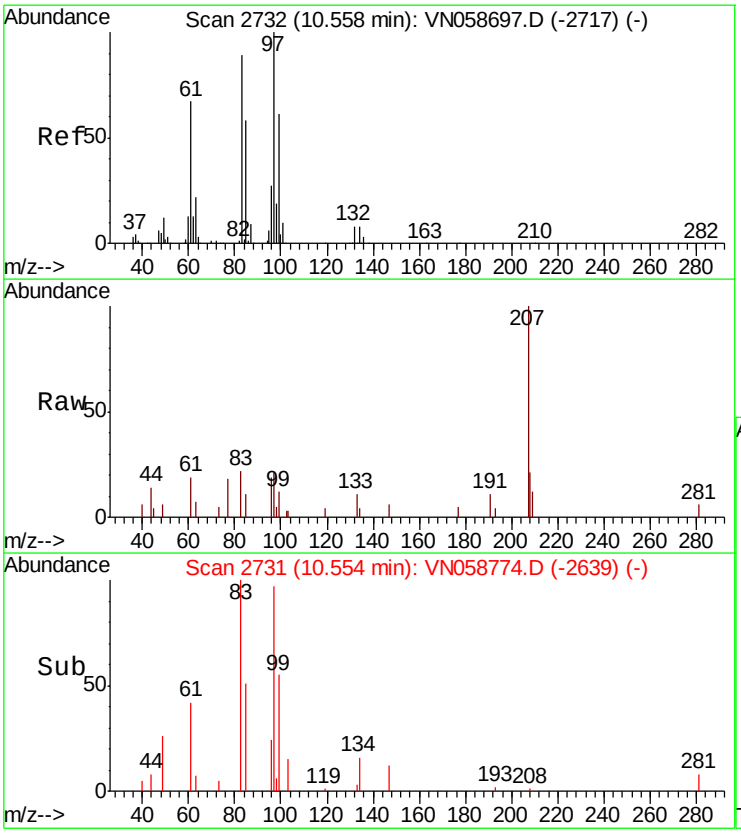
#54
cis-1,3-Dichloropropene
Concen: 0.498 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 75 Resp: 3517

Ion	Ratio	Lower	Upper
75	100		
77	34.7	24.4	36.6
39	59.8	43.1	64.7

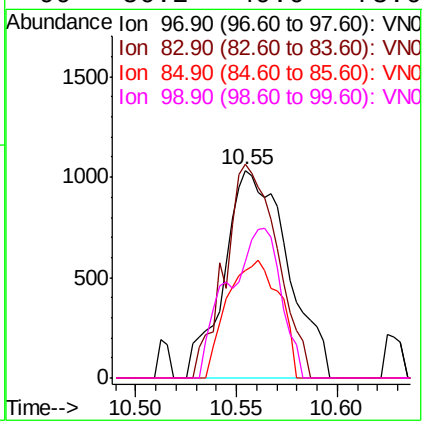


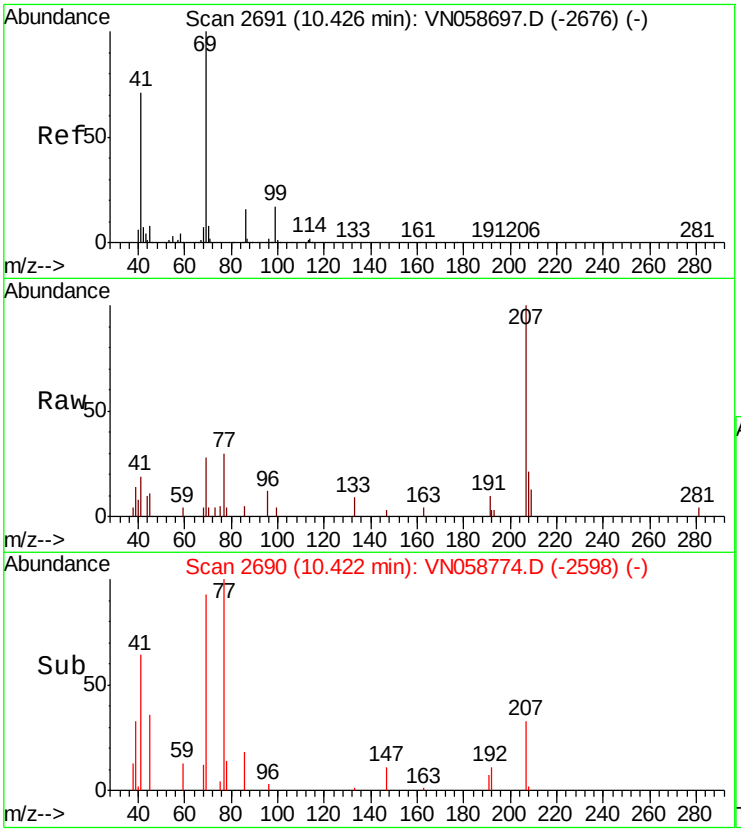


#55
1,1,2-Trichloroethane
Concen: 0.540 ug/l
RT: 10.55 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 97 Resp: 2268

Ion	Ratio	Lower	Upper
97	100		
83	103.0	71.2	106.8
85	52.1	46.7	70.1
99	56.2	49.0	73.6



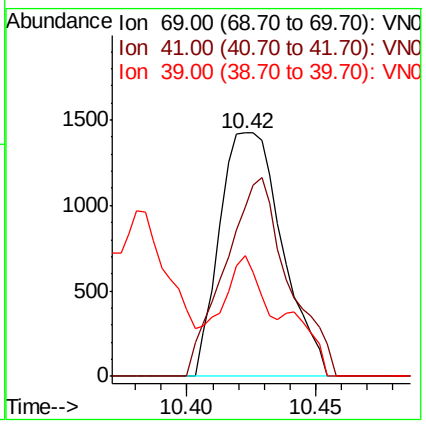


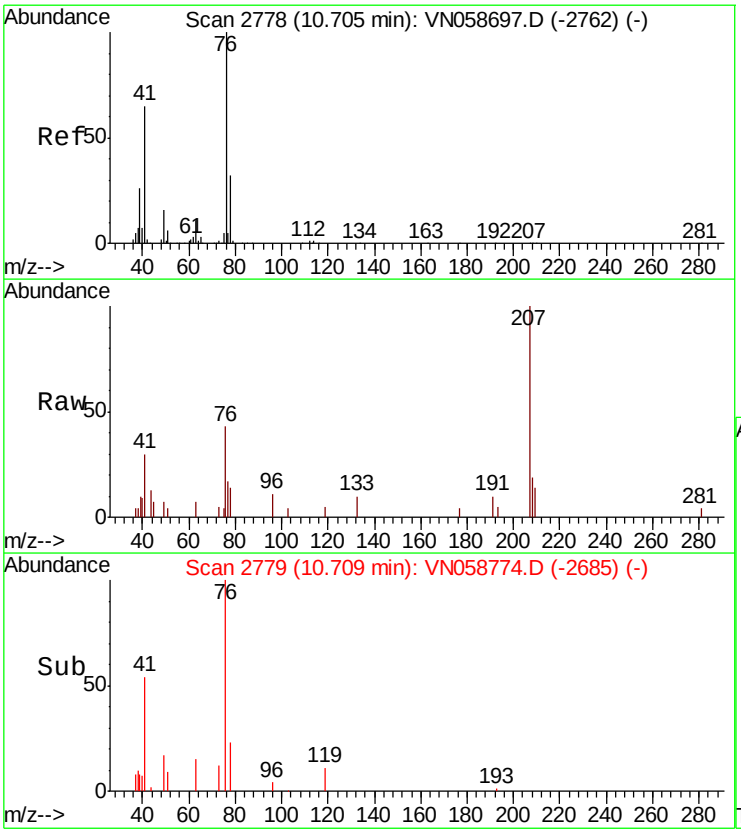
#56
Ethyl methacrylate
Concen: 0.393 ug/l
RT: 10.42 min Scan# 2690
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 69 Resp: 2415

Ion	Ratio	Lower	Upper
69	100		
41	82.6	56.8	85.2
39	15.9	32.5	48.7#

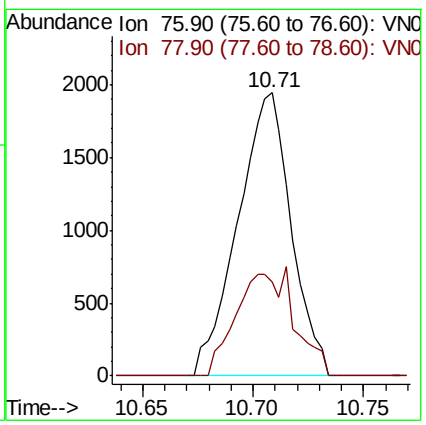


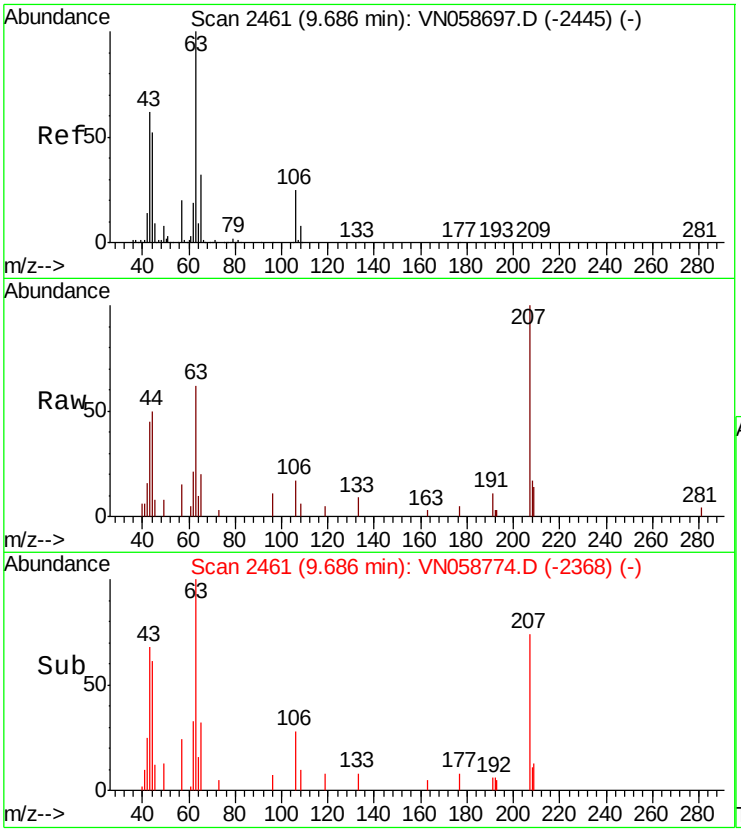


#57
1,3-Dichloropropane
Concen: 0.457 ug/l
RT: 10.71 min Scan# 2779
Delta R.T. 0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 76 Resp: 3272

Ion	Ratio	Lower	Upper
76	100		
78	40.3	25.9	38.9#



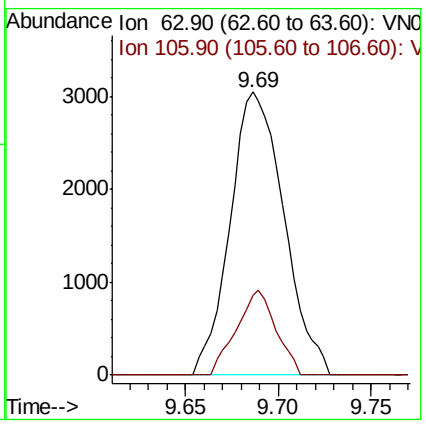


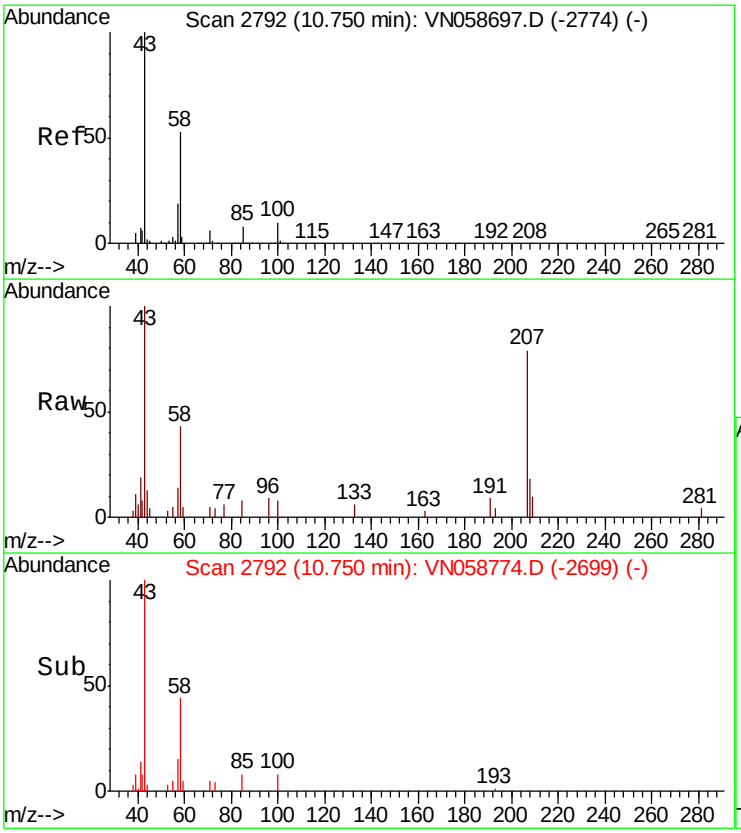
#58
2-Chloroethyl Vinyl ether
Concen: 2.075 ug/l
RT: 9.69 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 63 Resp: 6139

Ion	Ratio	Lower	Upper
63	100		
106	22.0	20.0	30.0

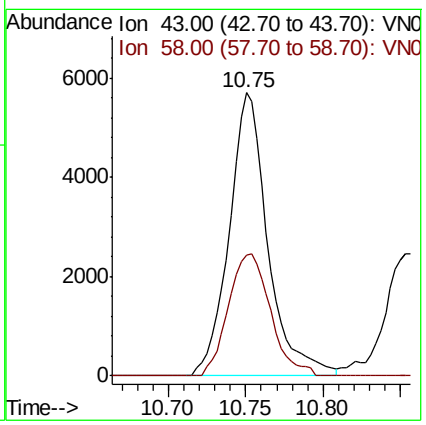


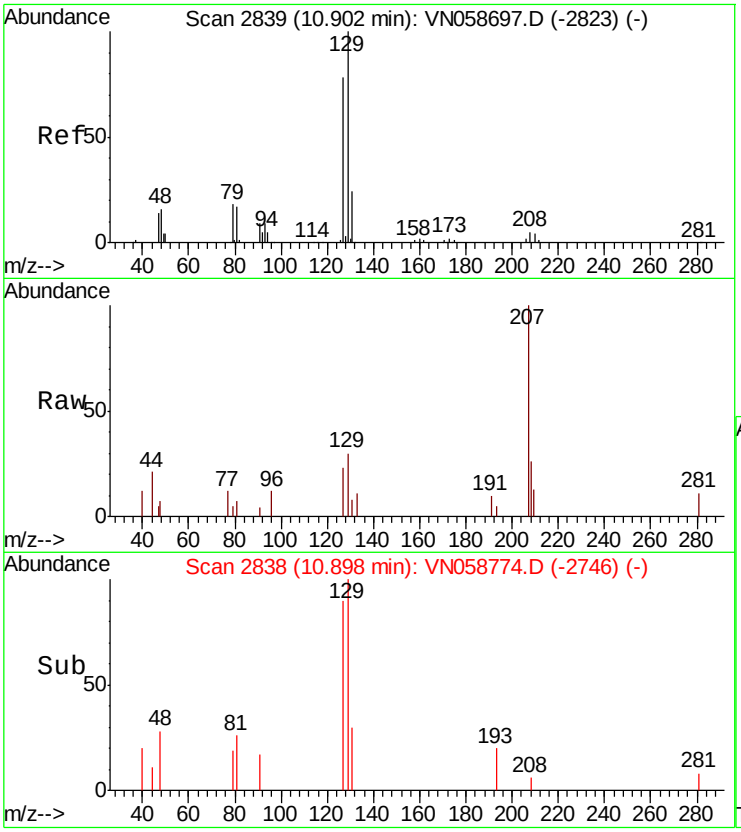


#59
2-Hexanone
Concen: 2.261 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 43 Resp: 9881

Ion	Ratio	Lower	Upper
43	100		
58	46.9	26.1	78.3



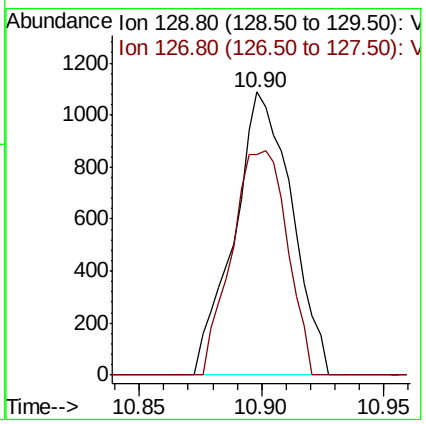


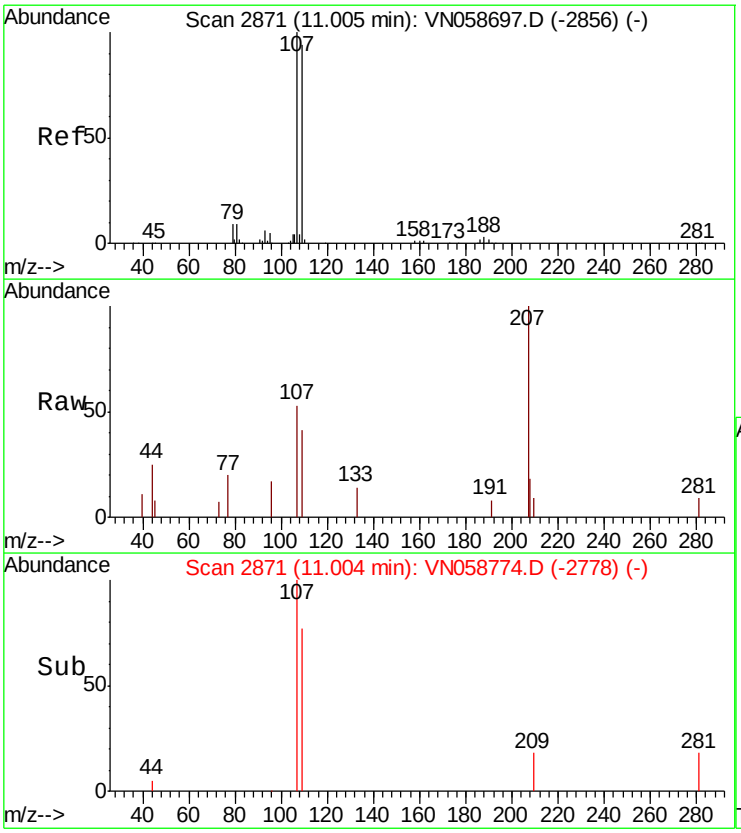
#60
Dibromochloromethane
Concen: 0.410 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:129 Resp: 1777

Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.3

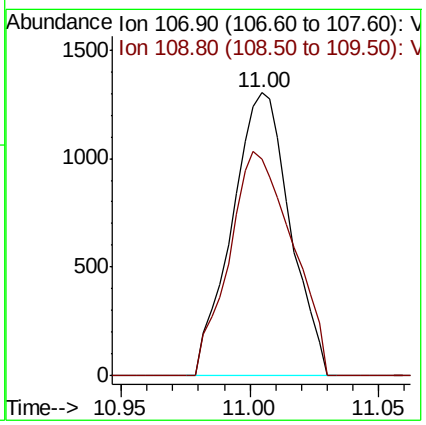


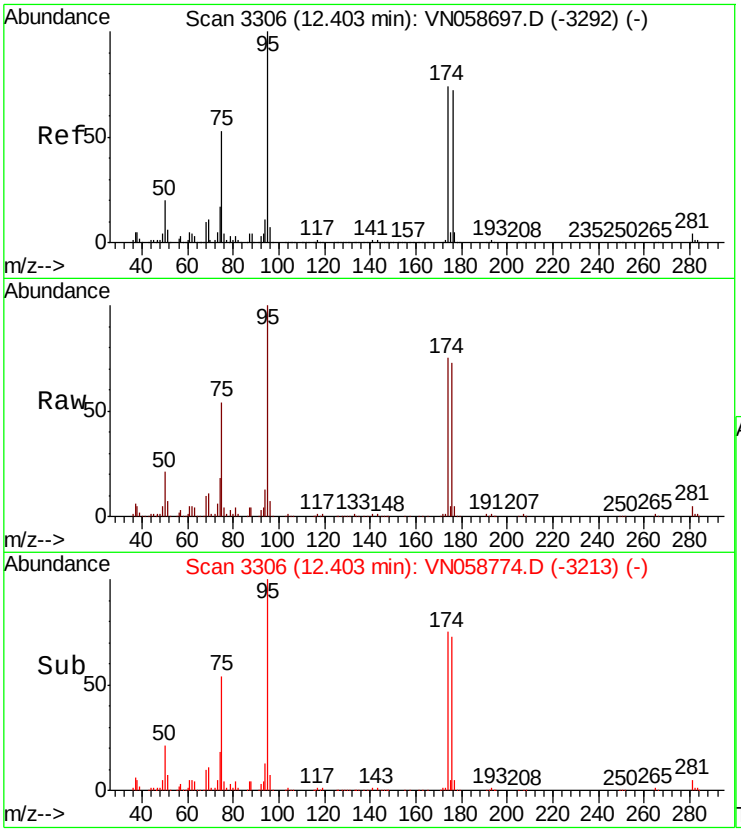


#61
1,2-Dibromoethane
Concen: 0.486 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:107 Resp: 2047

Ion	Ratio	Lower	Upper
107	100		
109	86.5	75.4	113.0



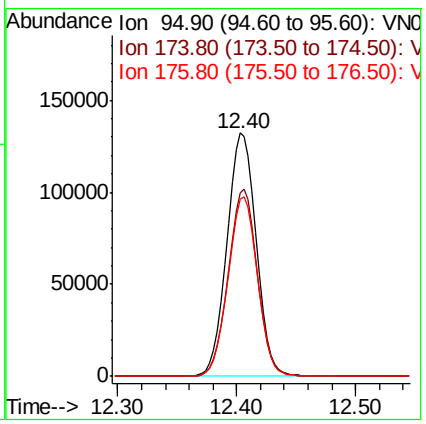


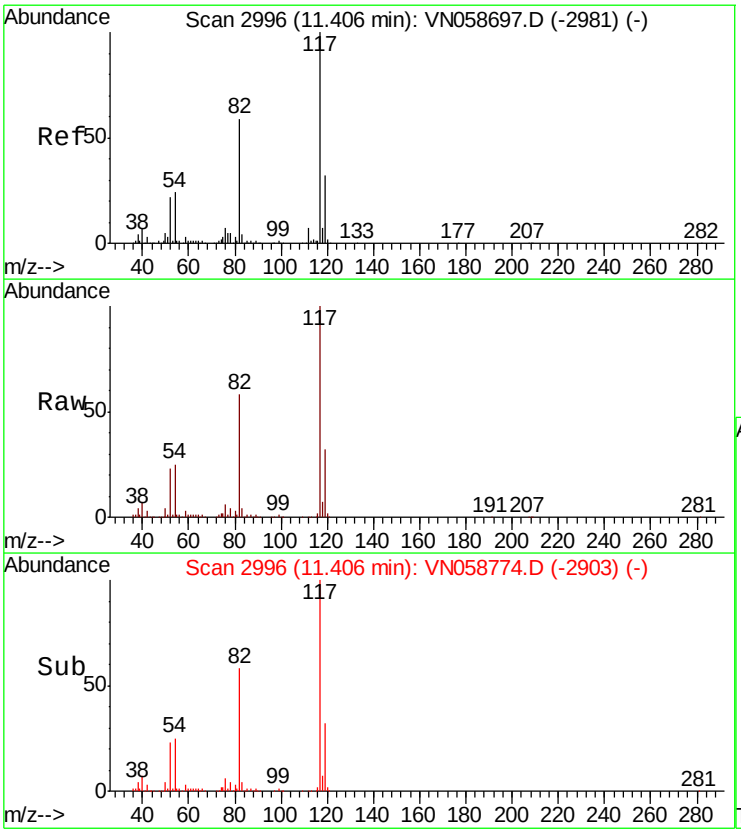
#62
4-Bromofluorobenzene
Concen: 41.743 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 95 Resp: 225633

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	150.4
176	74.0	0.0	146.8

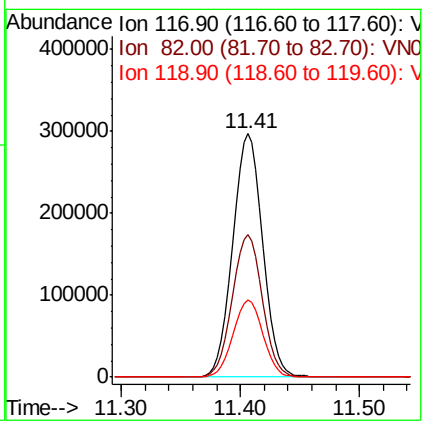


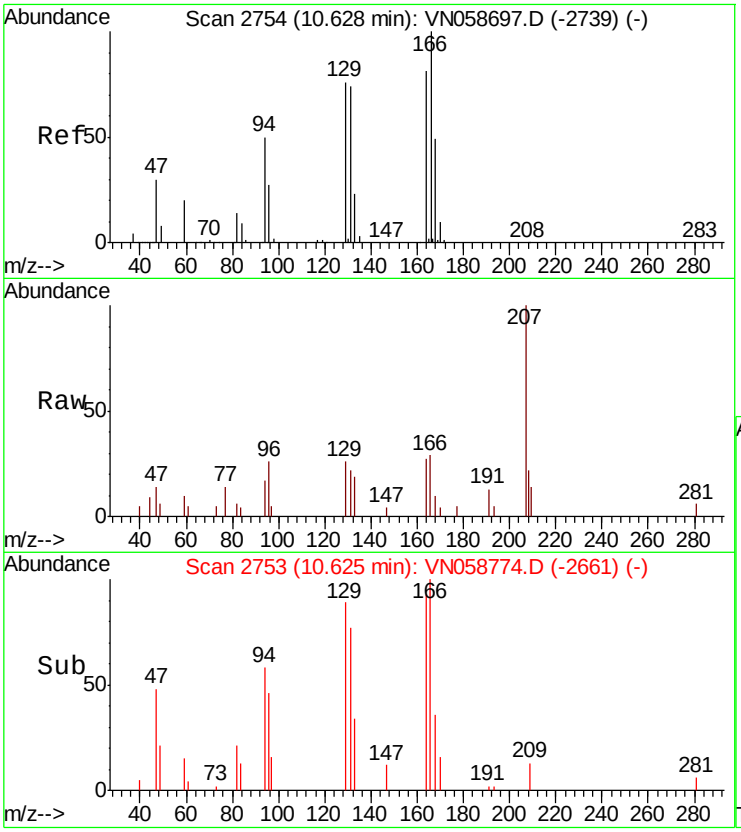


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:117 Resp: 518173

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.0	70.4
119	31.7	25.4	38.2



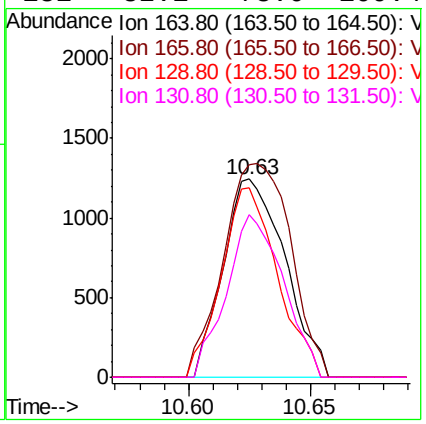


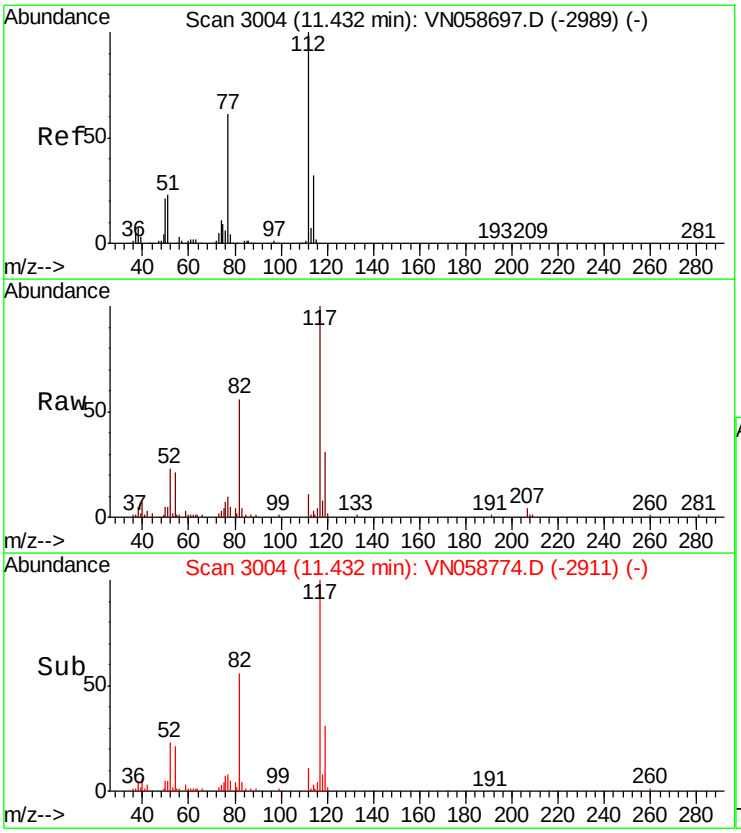
#64
Tetrachloroethene
Concen: 0.604 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:164 Resp: 2189

Ion	Ratio	Lower	Upper
164	100		
166	107.2	99.3	148.9
129	95.8	75.2	112.8
131	82.1	73.0	109.4

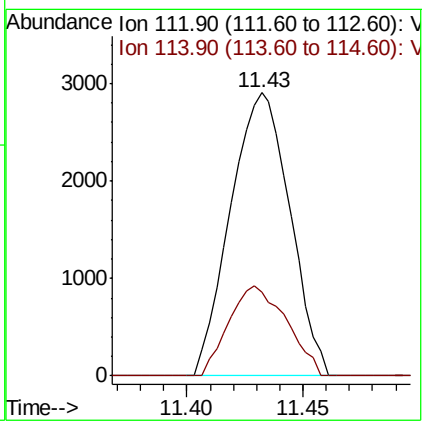


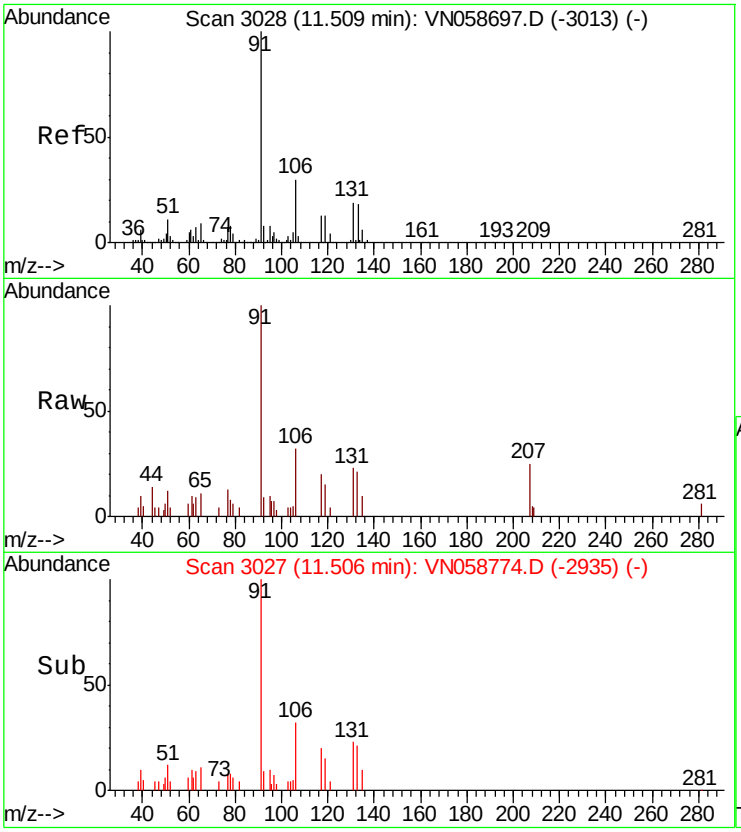


#65
Chlorobenzene
Concen: 0.491 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:112 Resp: 5170

Ion	Ratio	Lower	Upper
112	100		
114	29.5	25.2	37.8



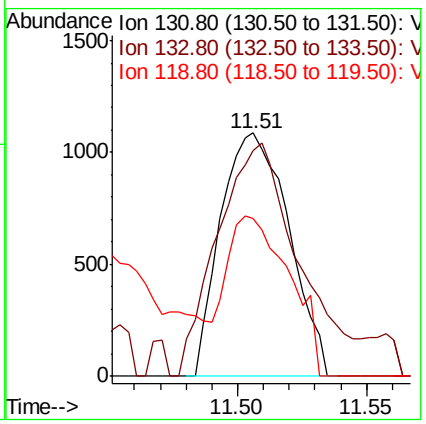


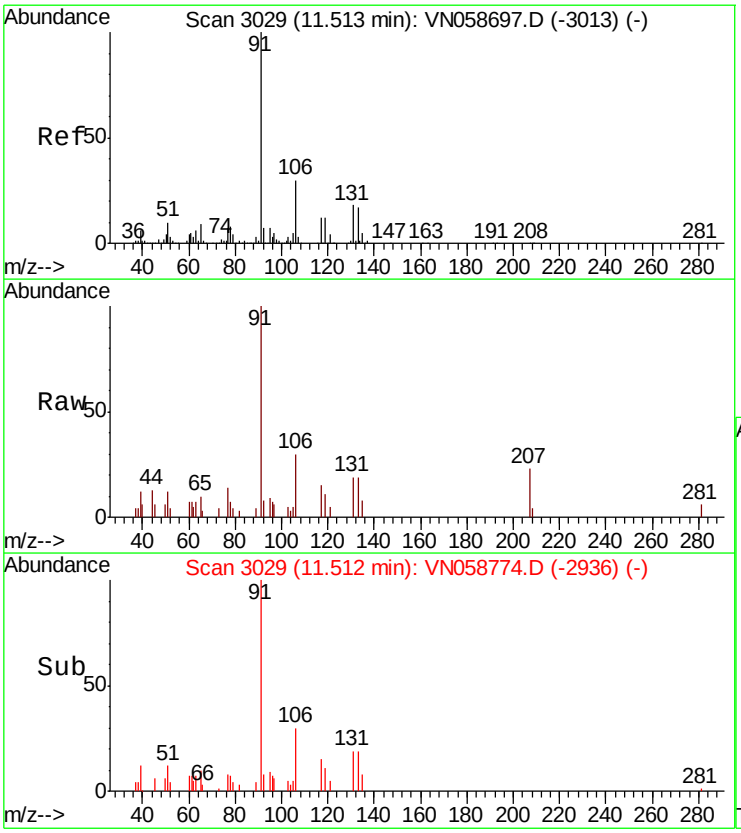
#66
1,1,1,2-Tetrachloroethane
Concen: 0.513 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:131 Resp: 1996

Ion	Ratio	Lower	Upper
131	100		
133	115.1	47.6	142.9
119	0.0	33.0	98.9#

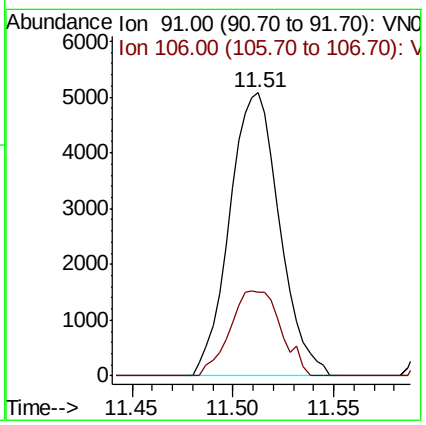


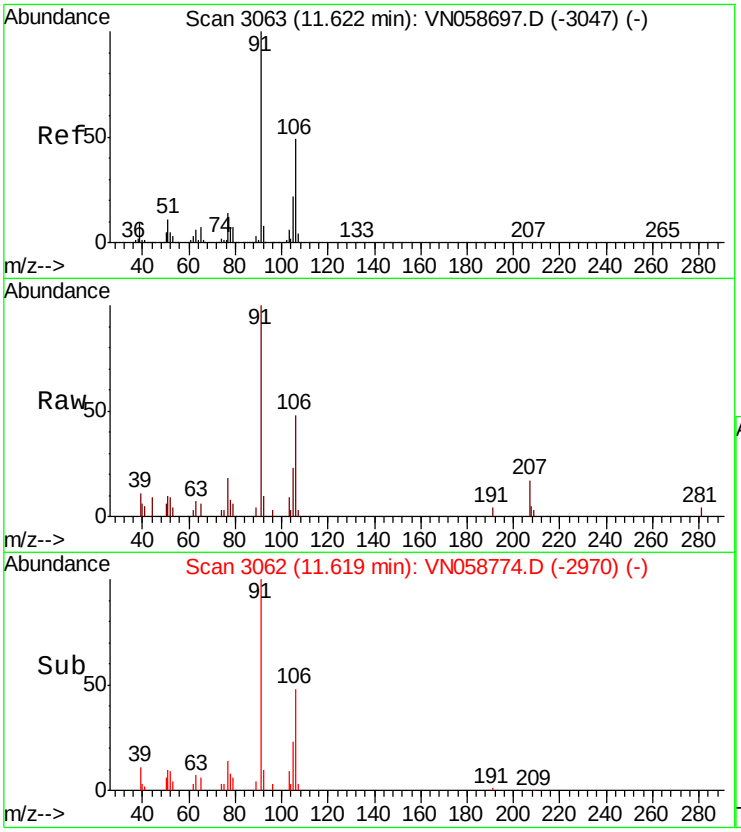


#67
Ethyl Benzene
Concen: 0.469 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 91 Resp: 8806

Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.1	36.1



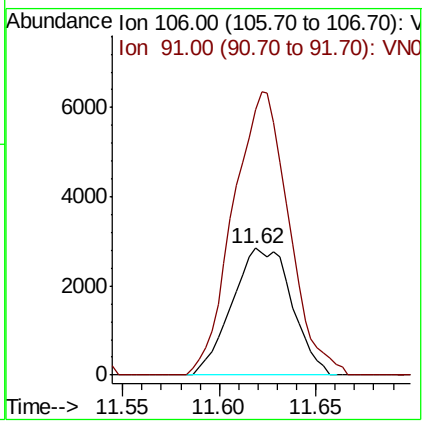


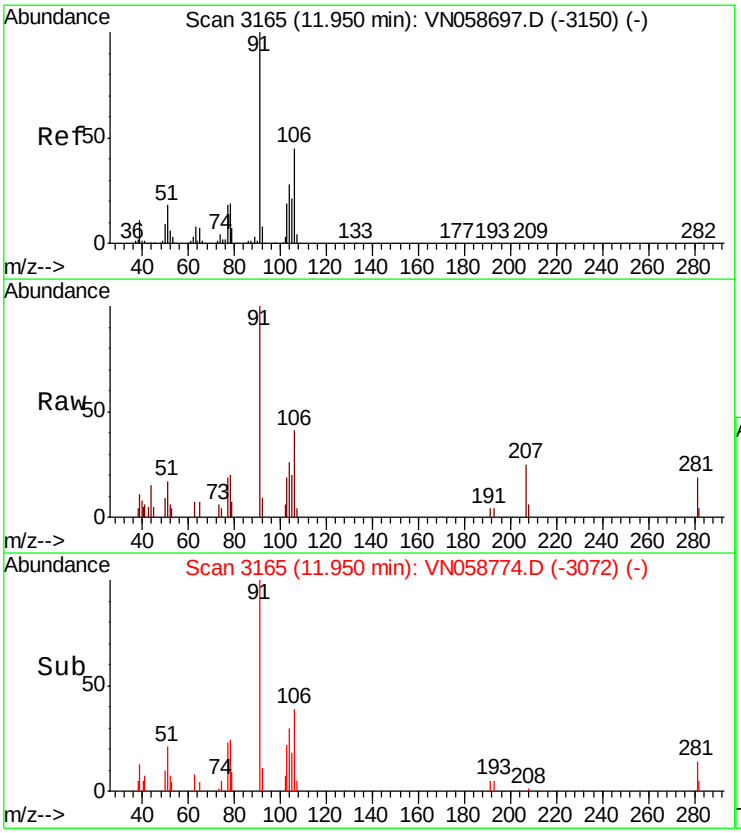
#68
m/p-Xylenes
Concen: 0.868 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:106 Resp: 6109

Ion	Ratio	Lower	Upper
106	100		
91	208.2	165.7	248.5

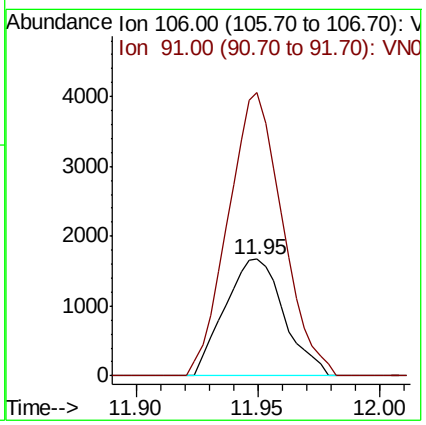


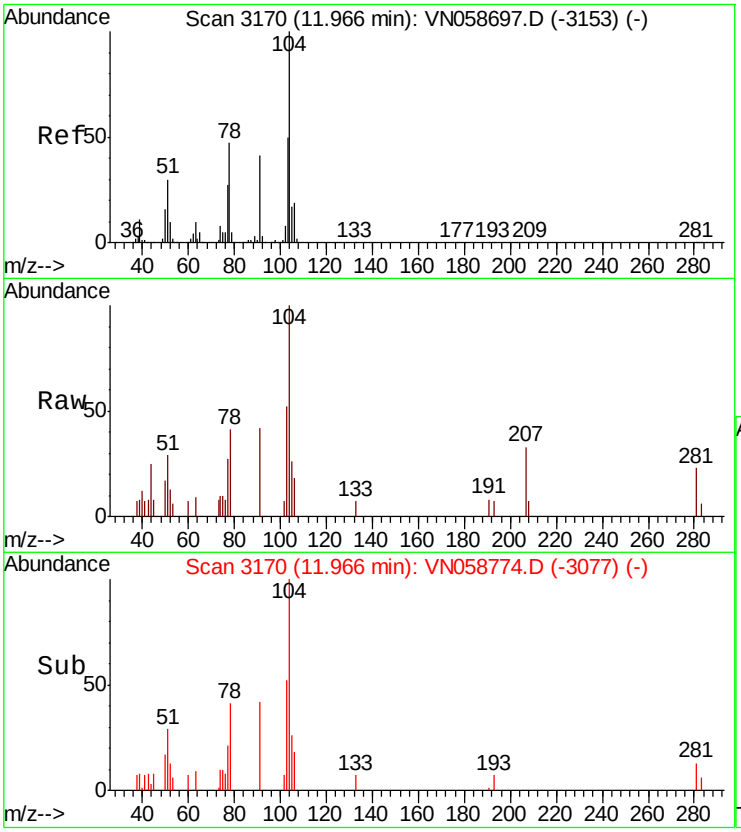


#69
o-Xylene
Concen: 0.414 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:106 Resp: 2821

Ion	Ratio	Lower	Upper
106	100		
91	222.5	110.9	332.9



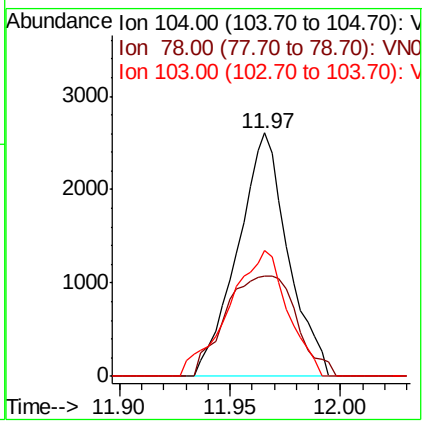


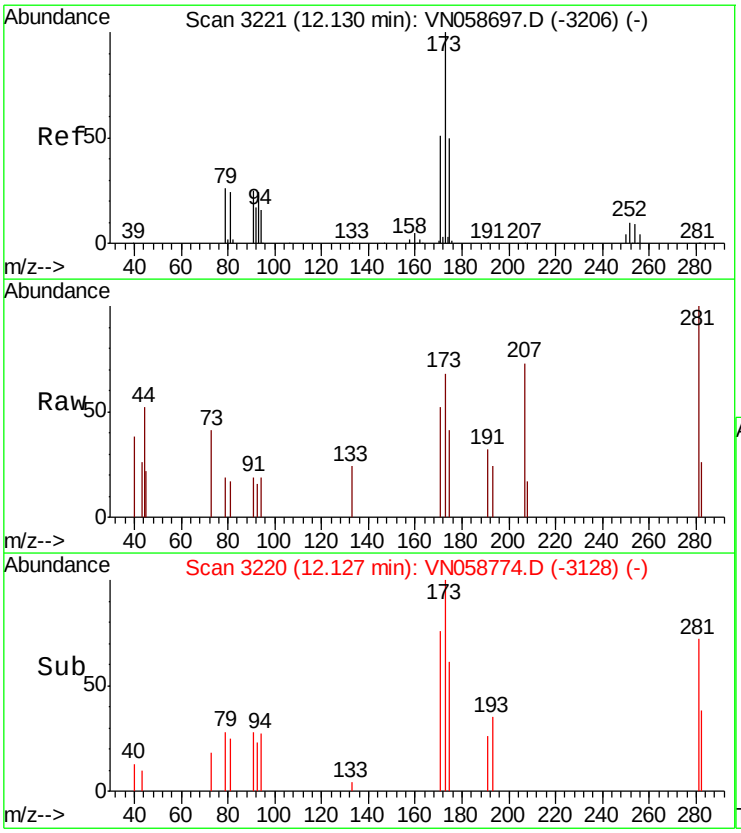
#70
Stvrene
Concen: 0.370 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:104 Resp: 4135

Ion	Ratio	Lower	Upper
104	100		
78	58.4	42.2	63.2
103	60.2	43.7	65.5

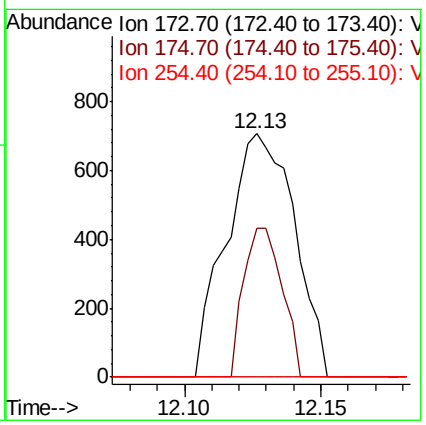


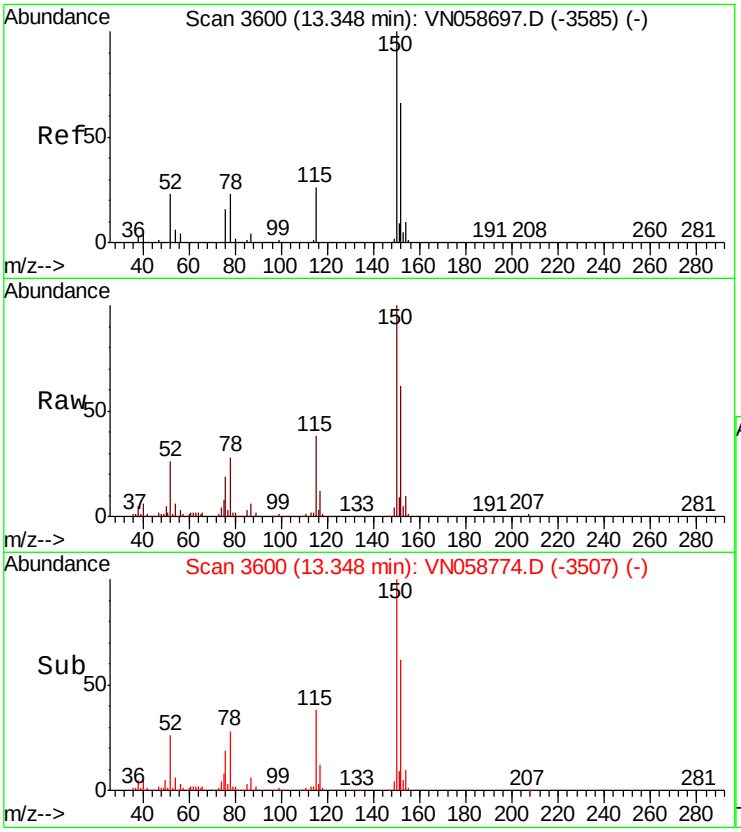


#71
Bromoform
Concen: 0.430 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:173 Resp: 1227

Ion	Ratio	Lower	Upper
173	100		
175	34.1	24.6	73.8
254	0.0	0.1	0.1#



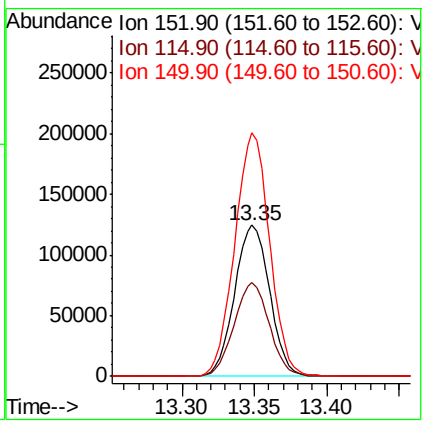


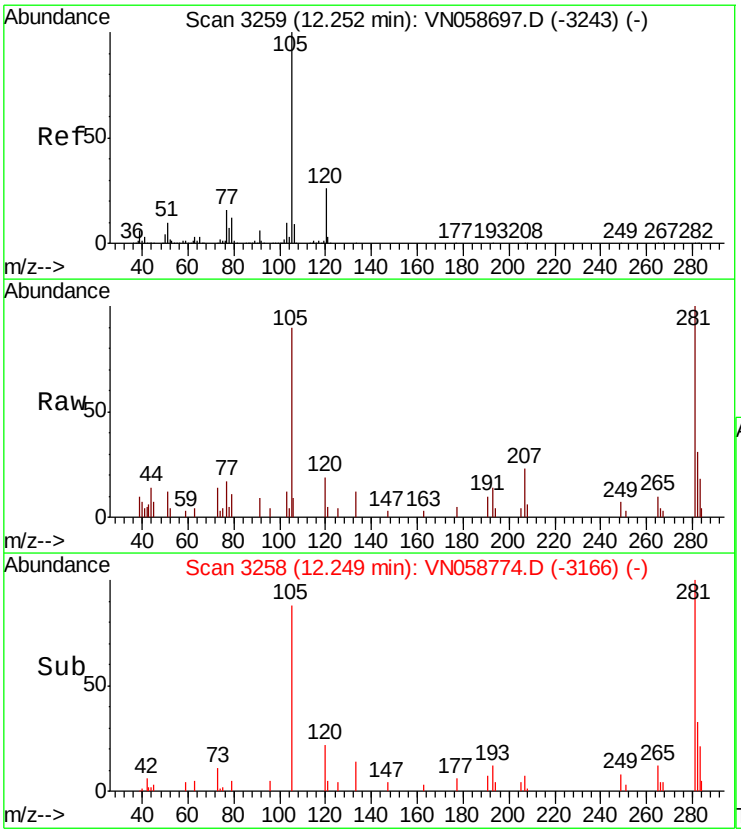
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:152 Resp: 209831

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.4	91.2
150	159.4	0.0	345.4

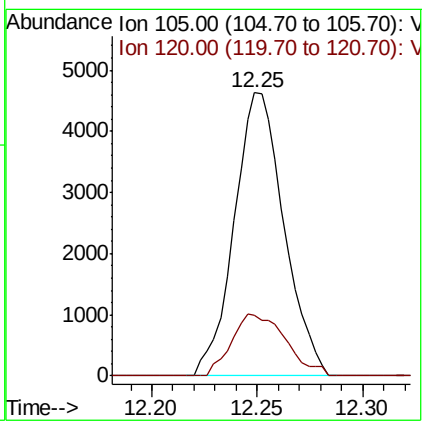


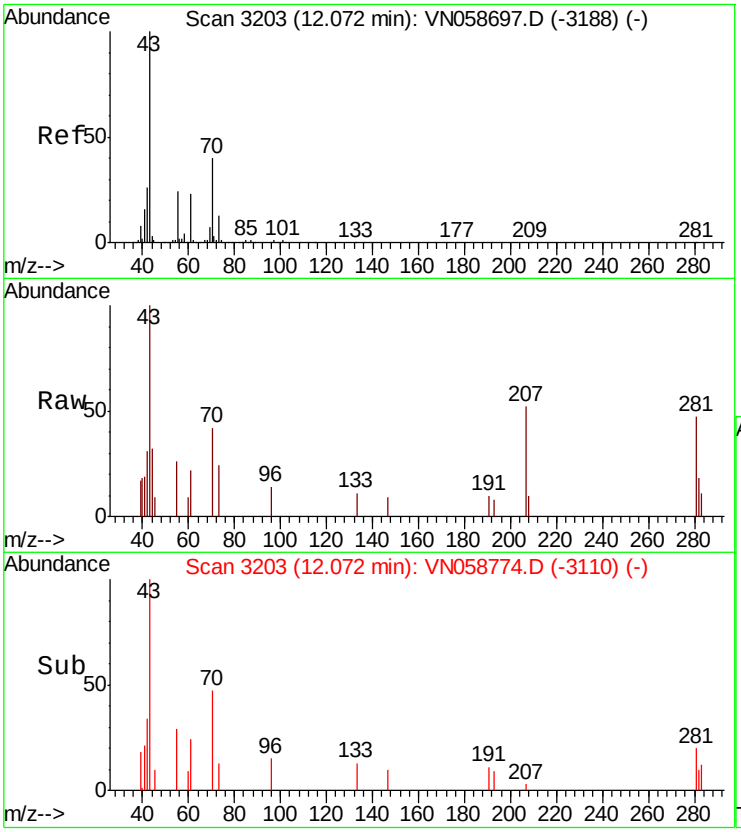


#73
Isopropylbenzene
Concen: 0.499 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:105 Resp: 7579

Ion	Ratio	Lower	Upper
105	100		
120	23.7	13.1	39.1



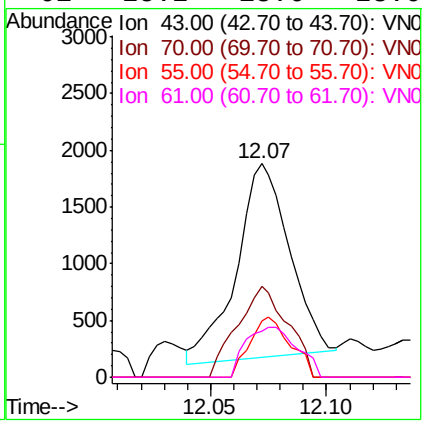


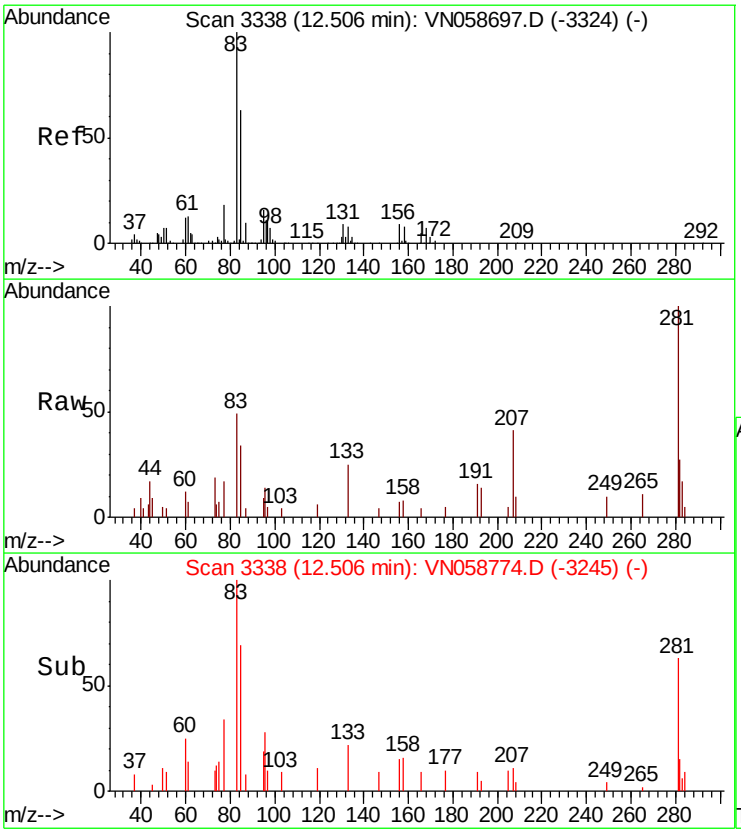
#74
N-amyl acetate
Concen: 0.398 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 43 Resp: 2715

Ion	Ratio	Lower	Upper
43	100		
70	44.7	32.2	48.4
55	23.7	19.6	29.4
61	25.2	18.6	28.0

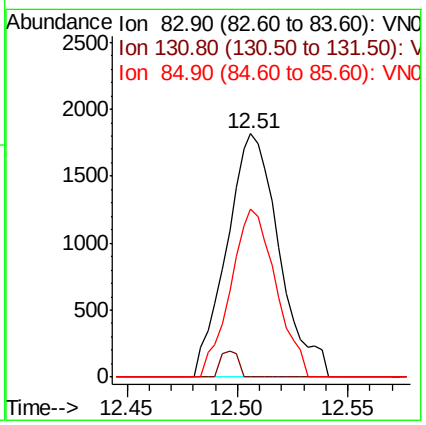


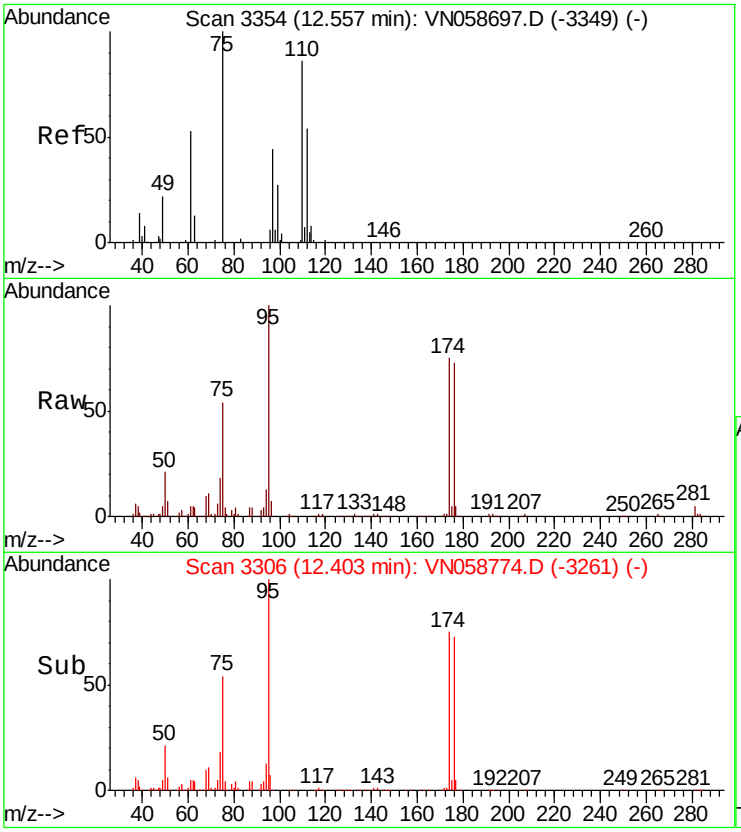


#75
1,1,2,2-Tetrachloroethane
Concen: 0.597 ug/l
RT: 12.51 min Scan# 3338
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 83 Resp: 2989

Ion	Ratio	Lower	Upper
83	100		
131	3.5	4.8	14.4#
85	59.7	31.9	95.5



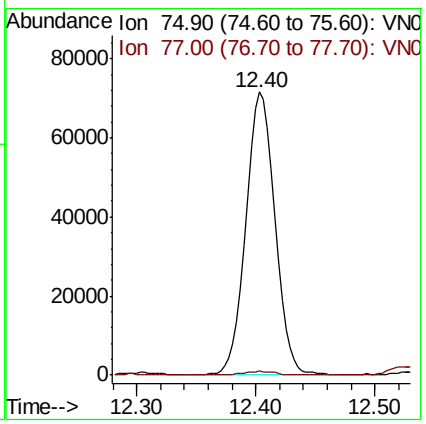


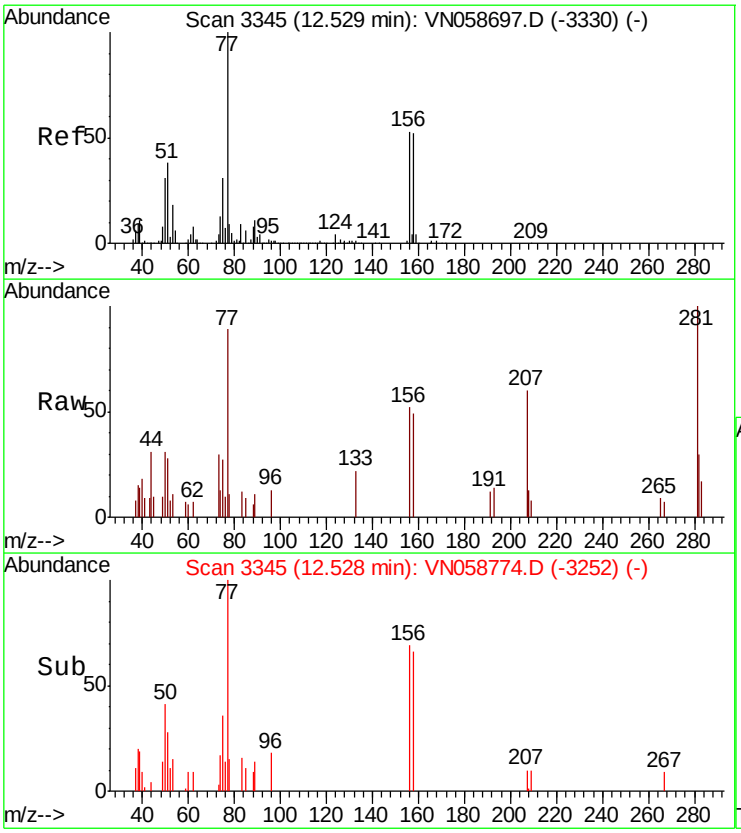
#76
1,2,3-Trichloropropane
Concen: 26.423 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 75 Resp: 121631

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

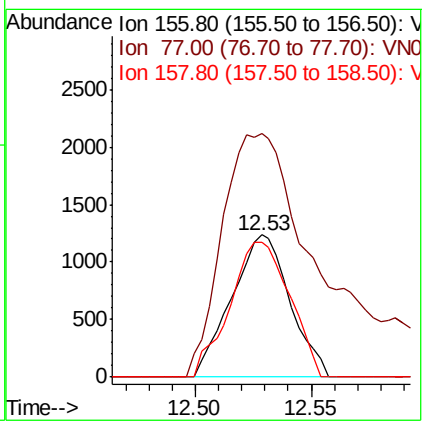


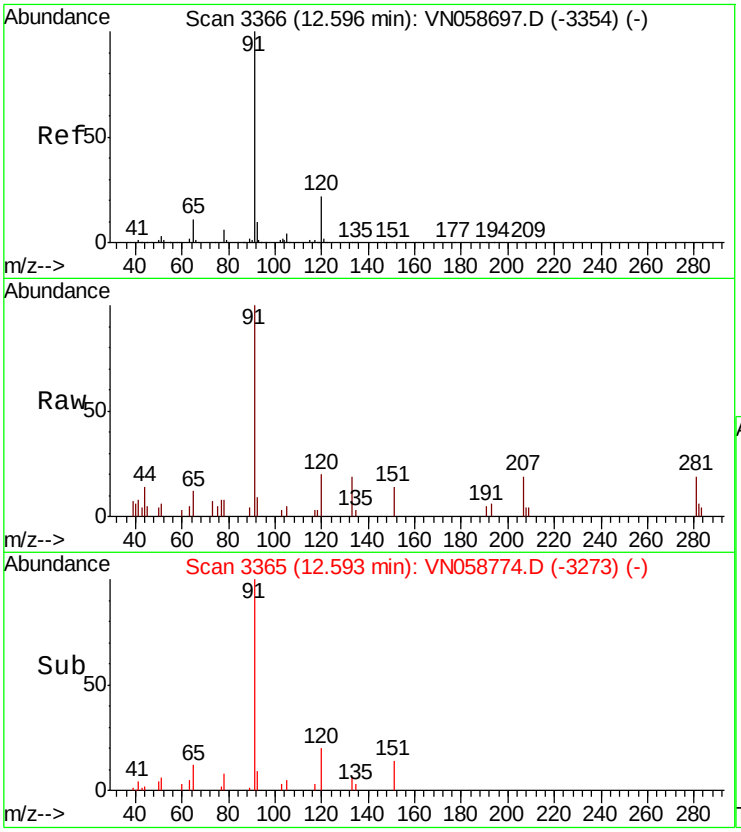


#77
Bromobenzene
Concen: 0.583 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:156 Resp: 2154

Ion	Ratio	Lower	Upper
156	100		
77	270.0	115.8	347.3
158	97.4	48.9	146.6



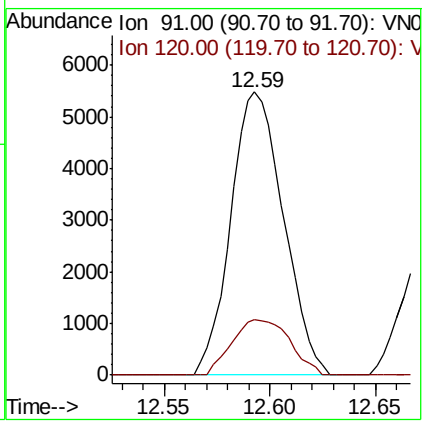


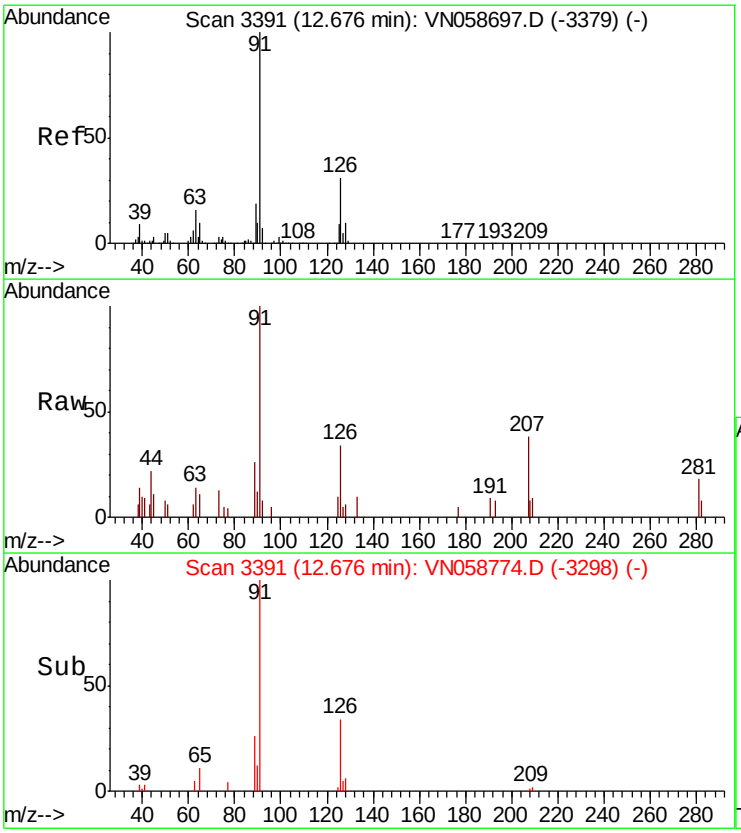
#78
n-propylbenzene
Concen: 0.536 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 91 Resp: 9500

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.1	33.3

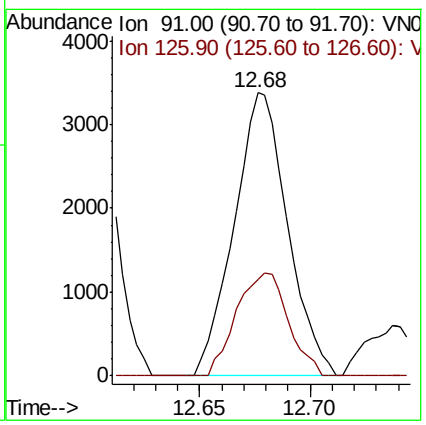


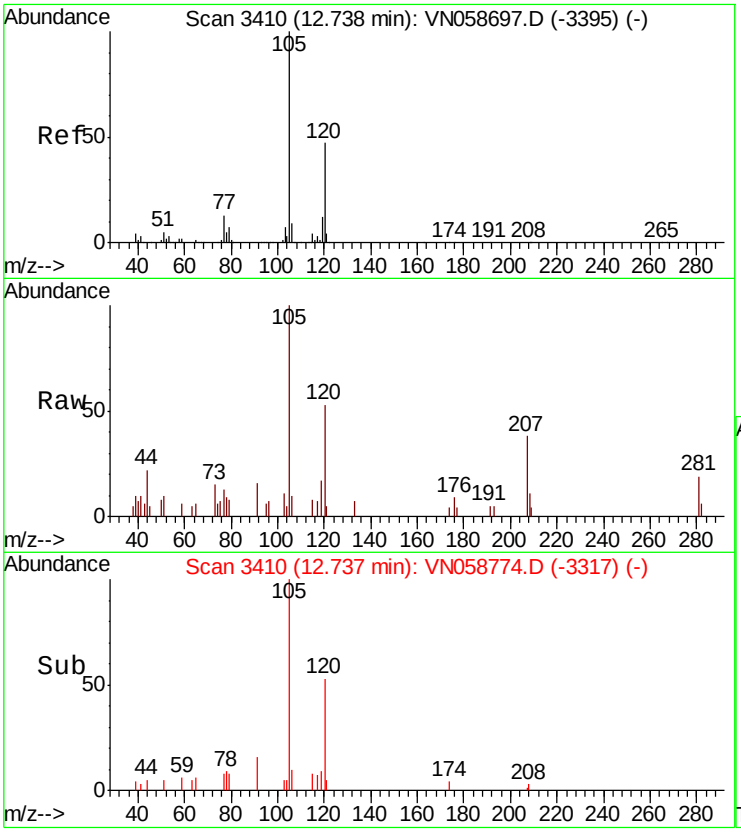


#79
2-Chlorotoluene
Concen: 0.517 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 91 Resp: 5685

Ion	Ratio	Lower	Upper
91	100		
126	35.2	16.2	48.5



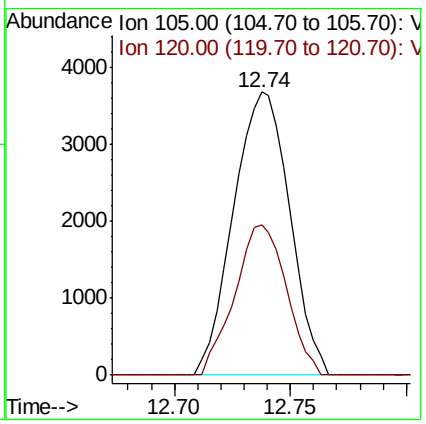


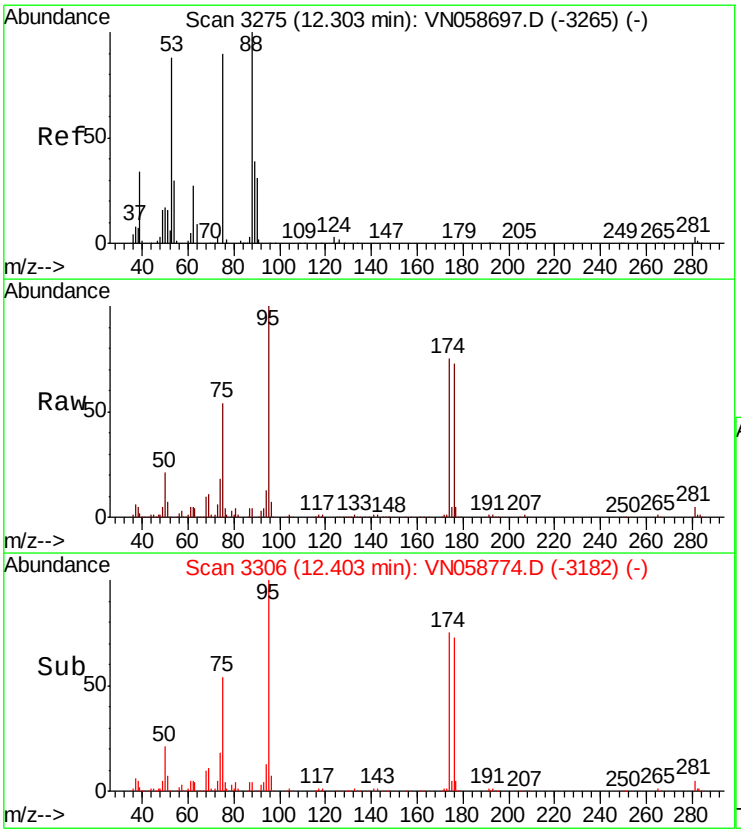
#80
1,3,5-Trimethylbenzene
Concen: 0.477 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:105 Resp: 6187

Ion	Ratio	Lower	Upper
105	100		
120	48.9	23.4	70.2

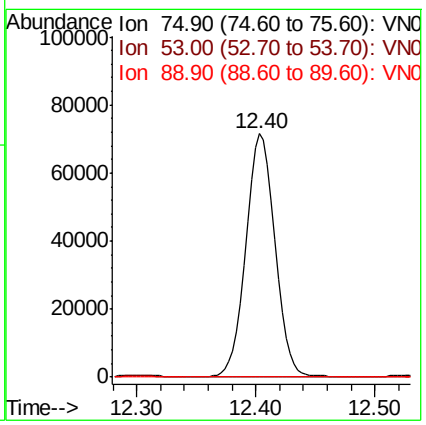


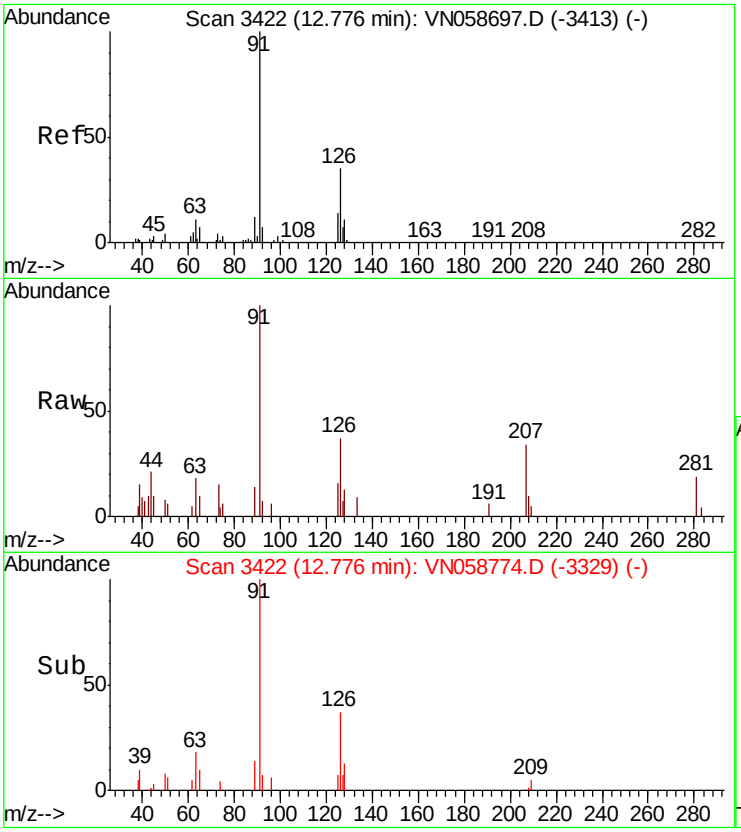


#81
trans-1,4-Dichloro-2-butene
Concen: 70.779 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 75 Resp: 121631

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.4	117.6#
89	0.0	34.9	52.3#



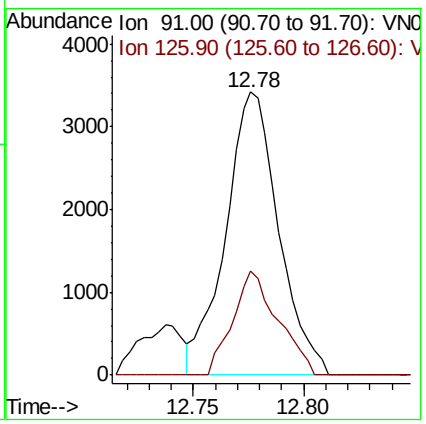


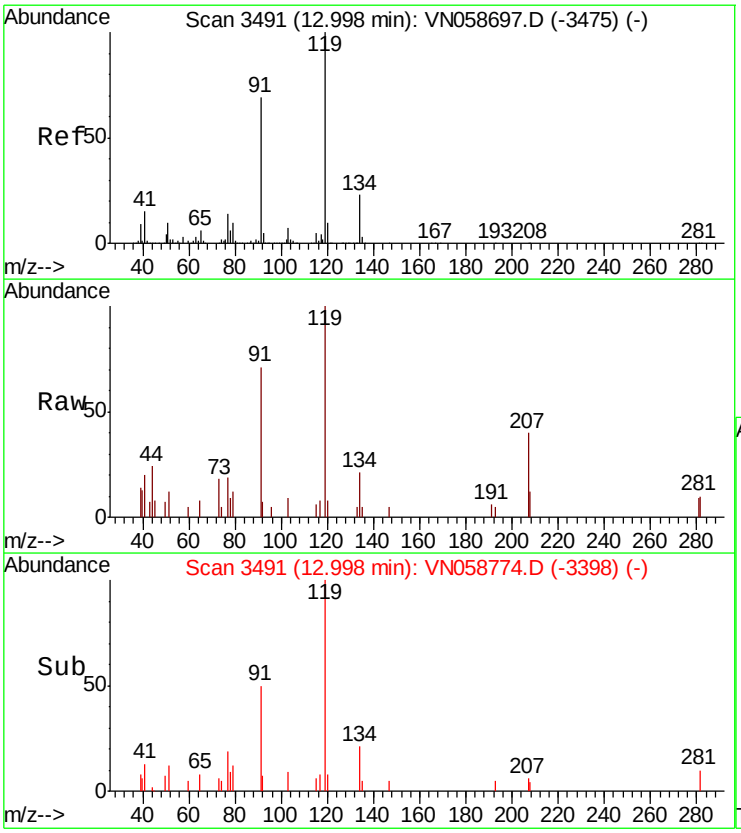
#82
4-Chlorotoluene
Concen: 0.506 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 91 Resp: 5707

Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.9	47.6

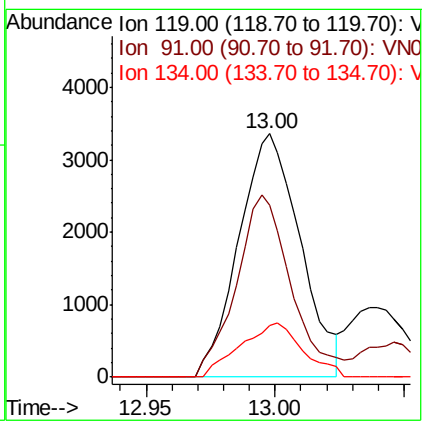


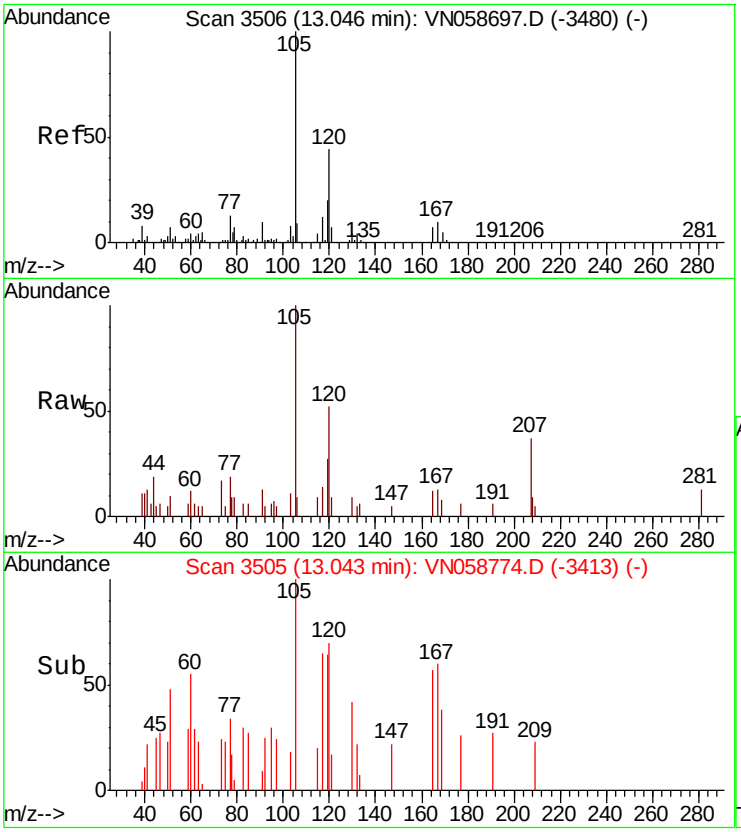


#83
tert-Butylbenzene
Concen: 0.503 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:119 Resp: 5595

Ion	Ratio	Lower	Upper
119	100		
91	67.1	33.8	101.3
134	22.5	12.6	37.6



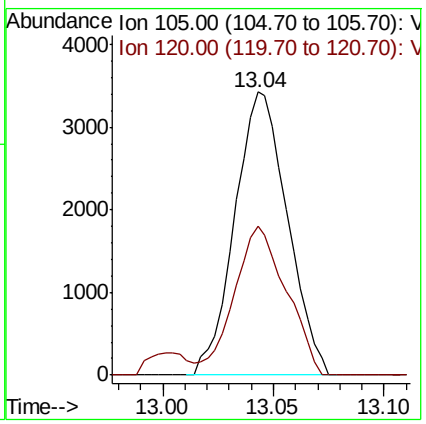


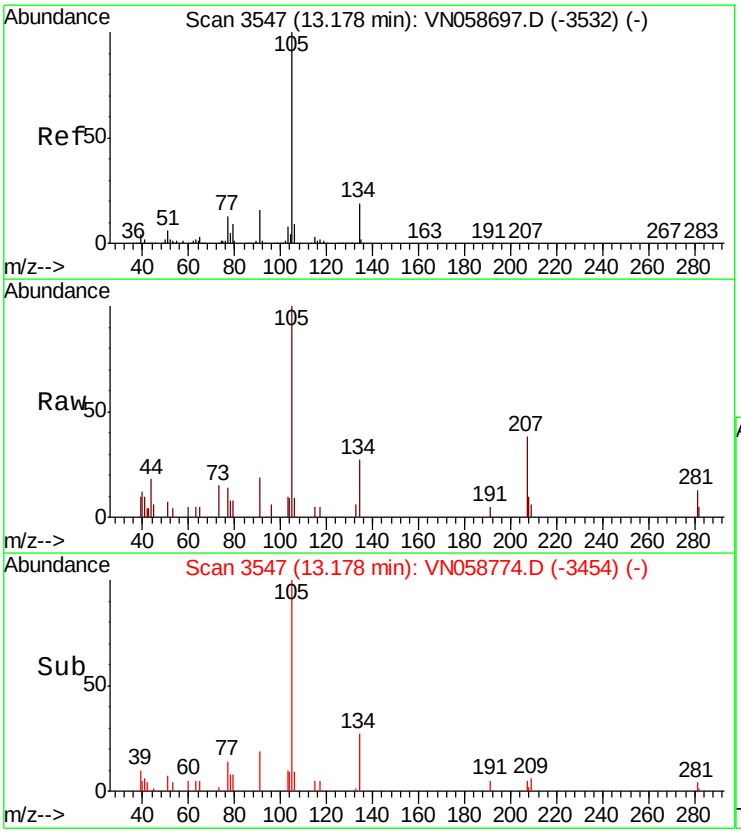
#84
1,2,4-Trimethylbenzene
Concen: 0.440 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:105 Resp: 5662

Ion	Ratio	Lower	Upper
105	100		
120	52.2	21.9	65.7

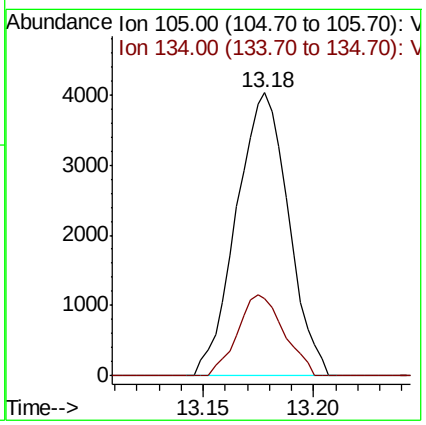


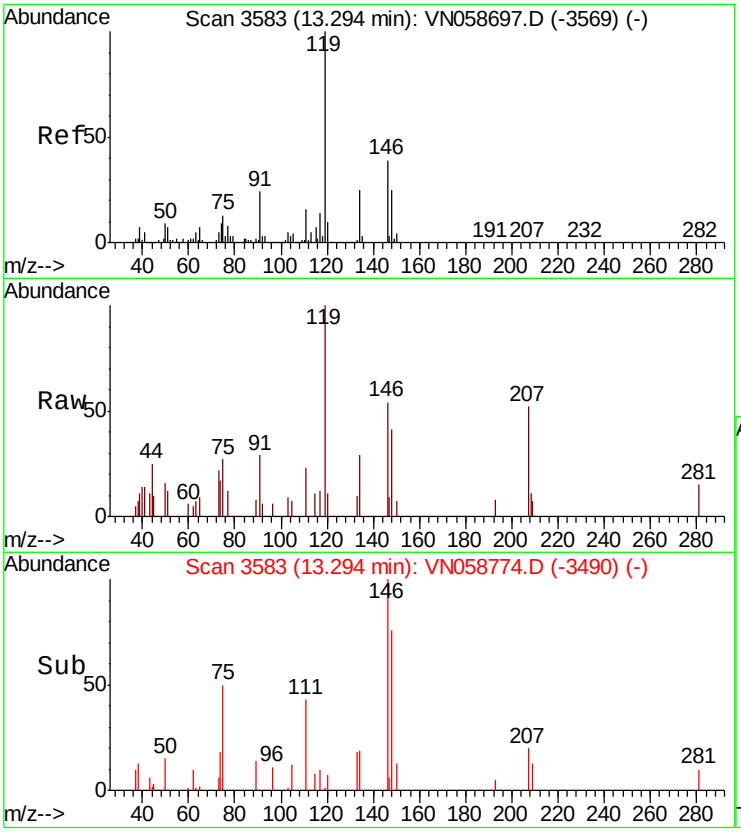


#85
sec-Butylbenzene
Concen: 0.451 ug/l
RT: 13.18 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:105 Resp: 6609

Ion	Ratio	Lower	Upper
105	100		
134	25.4	9.7	29.1



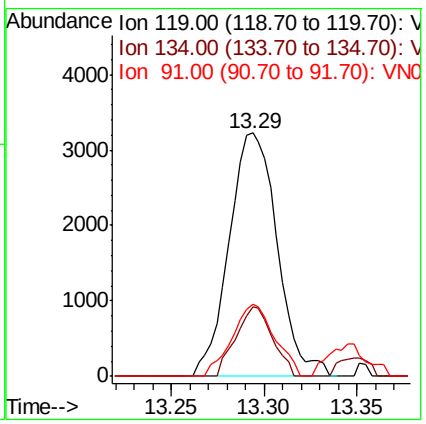


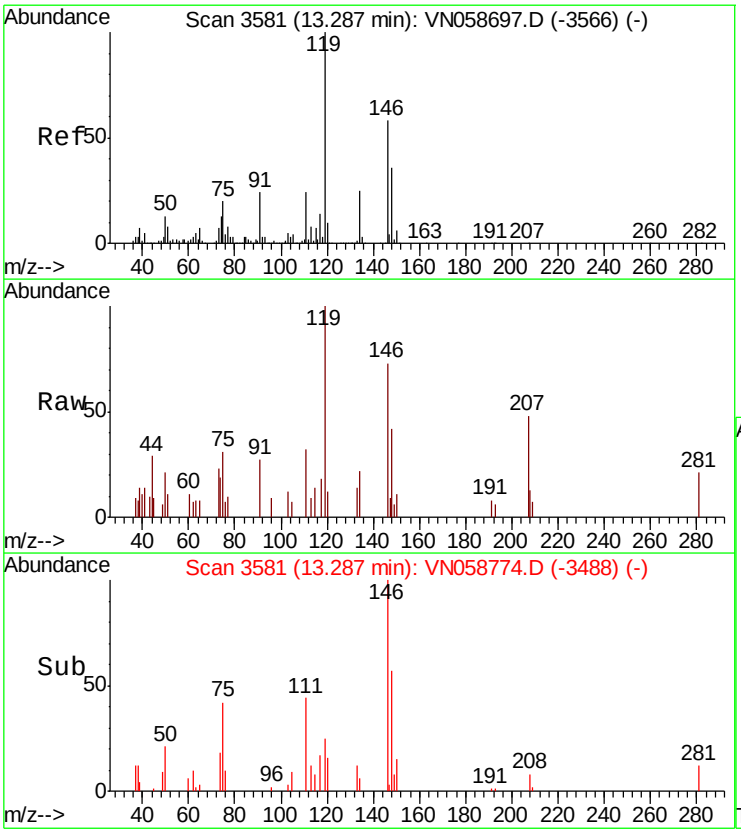
#86
p-Isopropyltoluene
Concen: 0.436 ug/l
RT: 13.29 min Scan# 3583
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:119 Resp: 5805

Ion	Ratio	Lower	Upper
119	100		
134	21.7	12.7	38.1
91	26.1	11.9	35.5

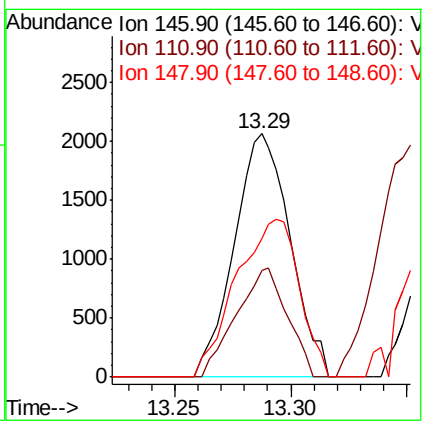


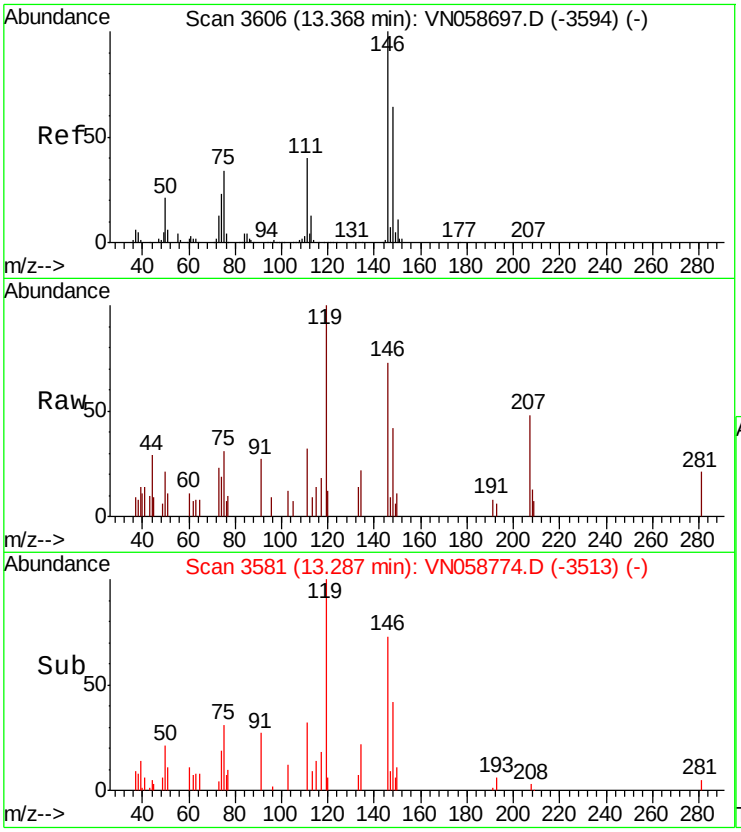


#87
1,3-Dichlorobenzene
Concen: 0.507 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:146 Resp: 3458

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.6
148	72.9	31.3	93.9



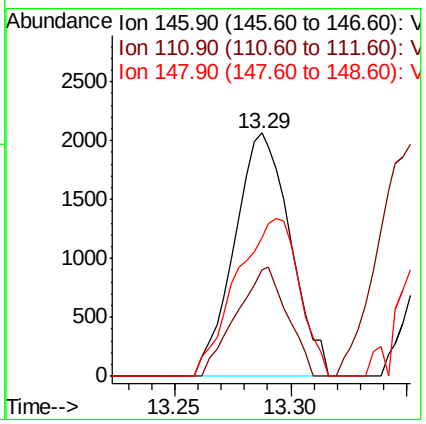


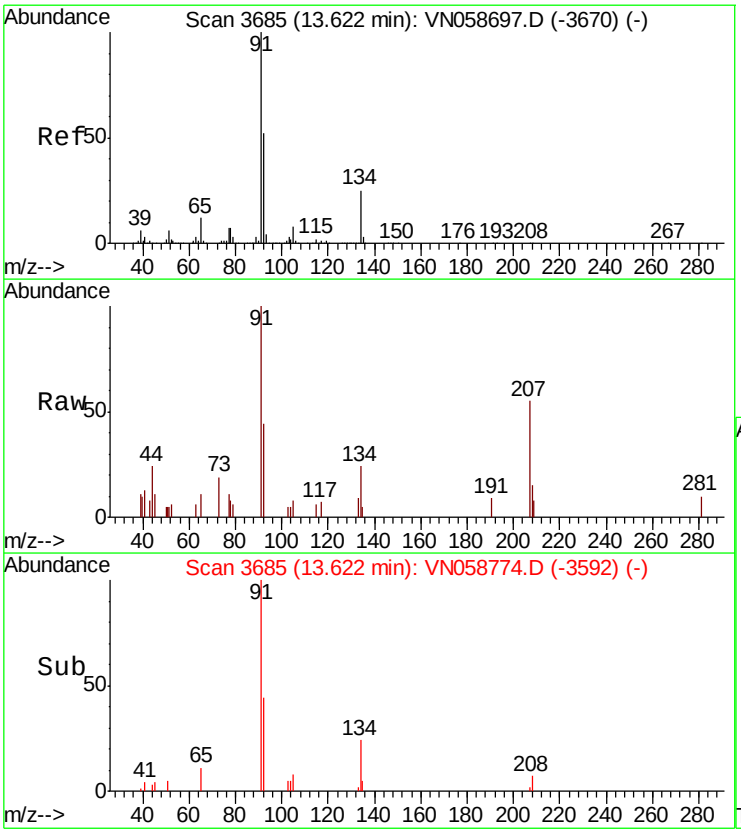
#88
1,4-Dichlorobenzene
Concen: 0.499 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.08 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:146 Resp: 3458

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.1	60.2
148	72.9	31.9	95.7

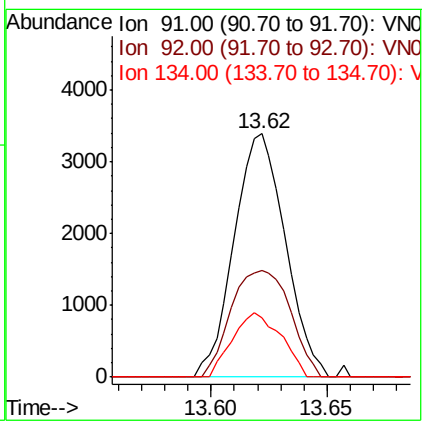


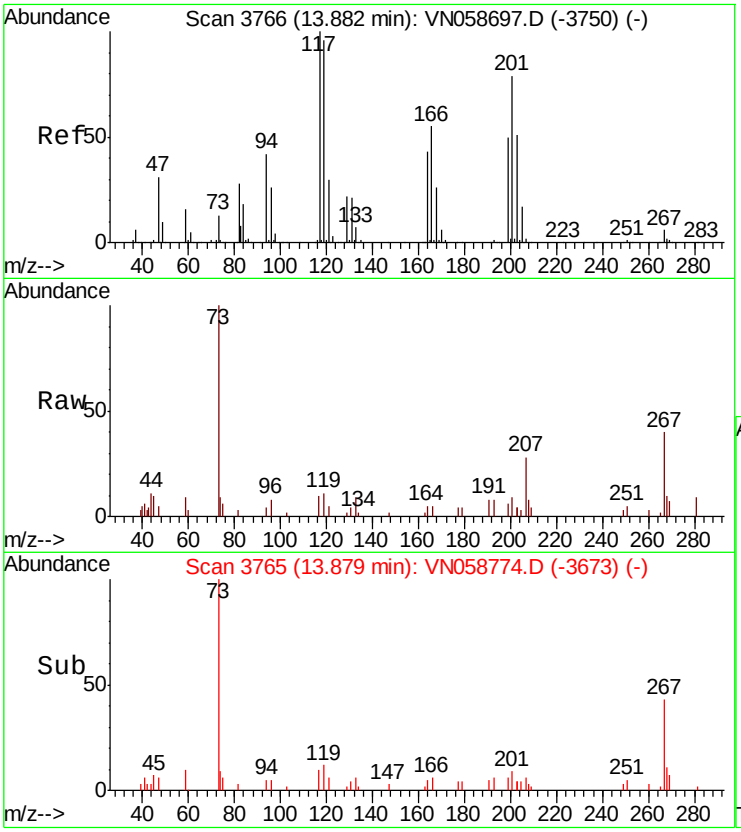


#89
n-Butylbenzene
Concen: 0.422 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion: 91 Resp: 5197

Ion	Ratio	Lower	Upper
91	100		
92	50.6	26.0	78.0
134	25.0	12.2	36.6



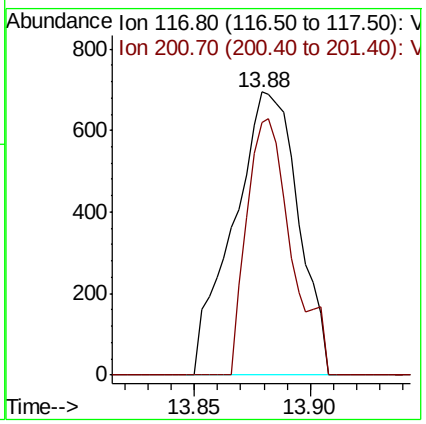


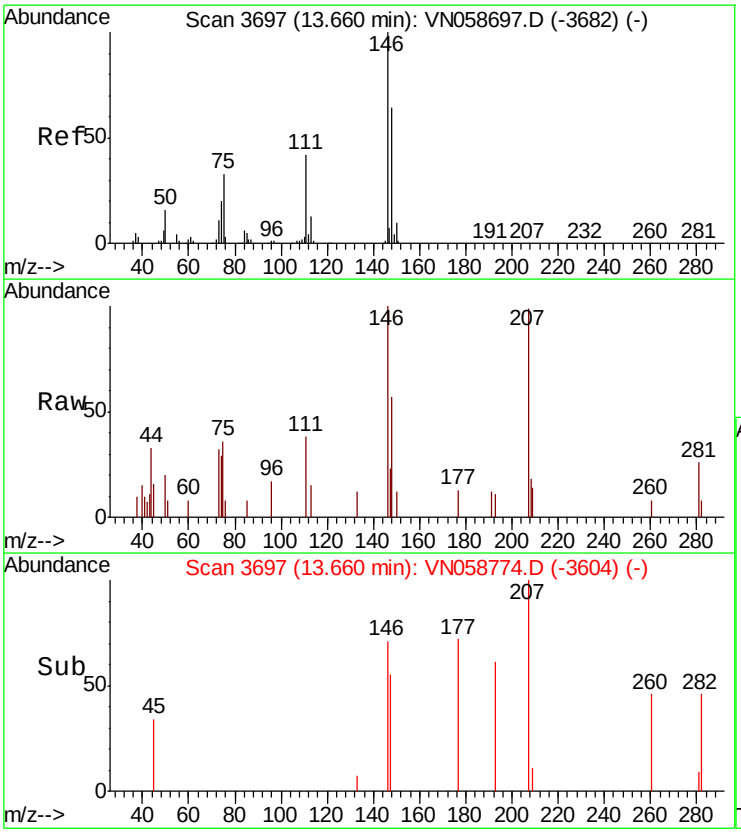
#90
Hexachloroethane
Concen: 0.567 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:117 Resp: 1351

Ion	Ratio	Lower	Upper
117	100		
201	62.5	39.6	118.7

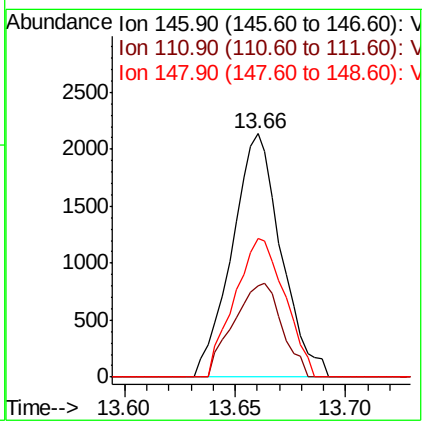


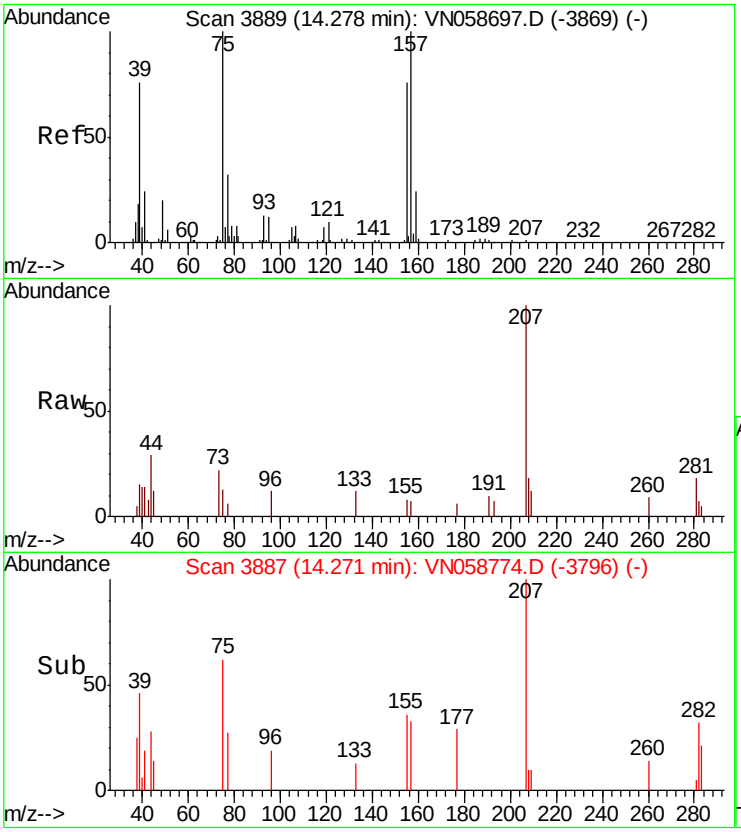


#91
1,2-Dichlorobenzene
Concen: 0.496 ug/l
RT: 13.66 min Scan# 3697
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:146 Resp: 3292

Ion	Ratio	Lower	Upper
146	100		
111	38.1	21.1	63.4
148	58.1	31.8	95.3



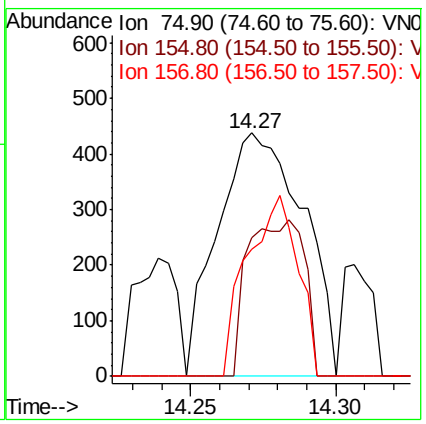


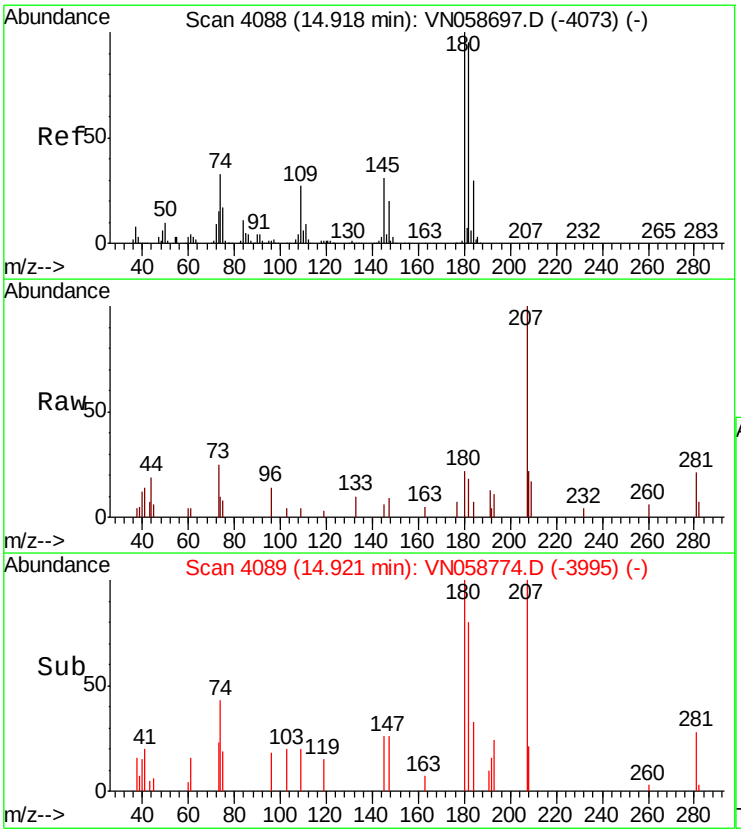
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.767 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. -0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion: 75 Resp: 897

Ion	Ratio	Lower	Upper
75	100		
155	42.5	37.9	113.6
157	44.4	49.4	148.2#

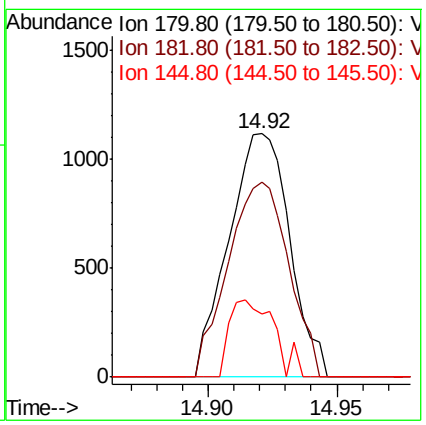


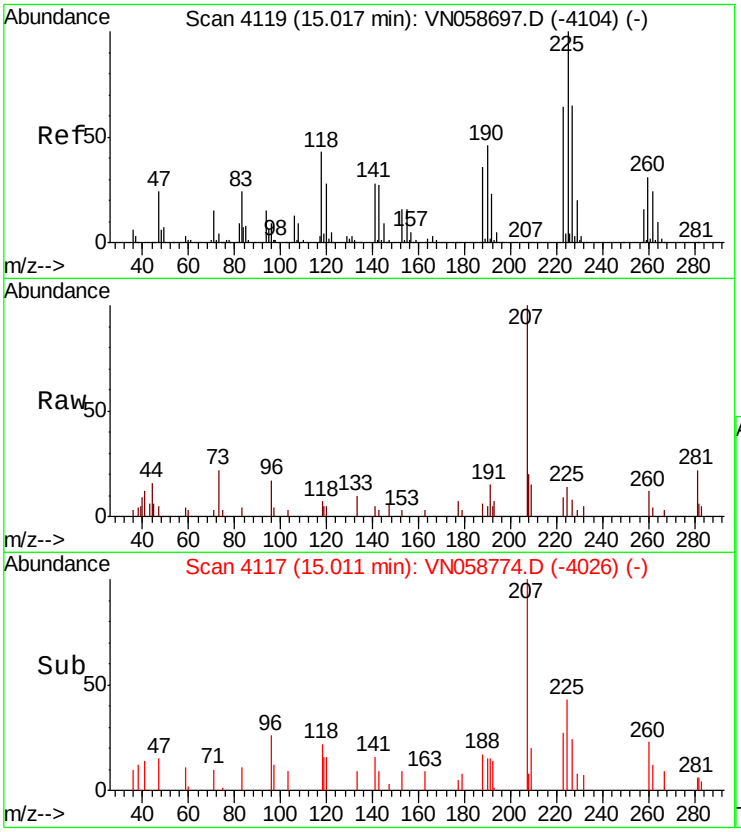


#93
1,2,4-Trichlorobenzene
Concen: 0.455 ug/l
RT: 14.92 min Scan# 4089
Delta R.T. 0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:180 Resp: 1846

Ion	Ratio	Lower	Upper
180	100		
182	79.7	47.4	142.2
145	23.2	15.4	46.2



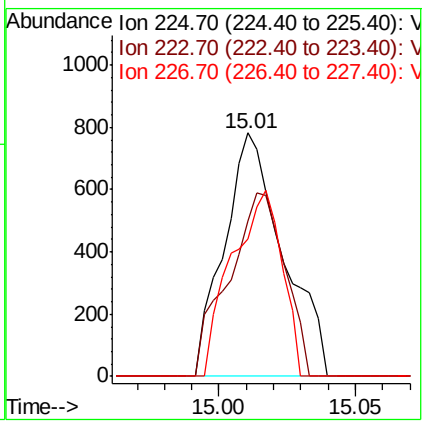


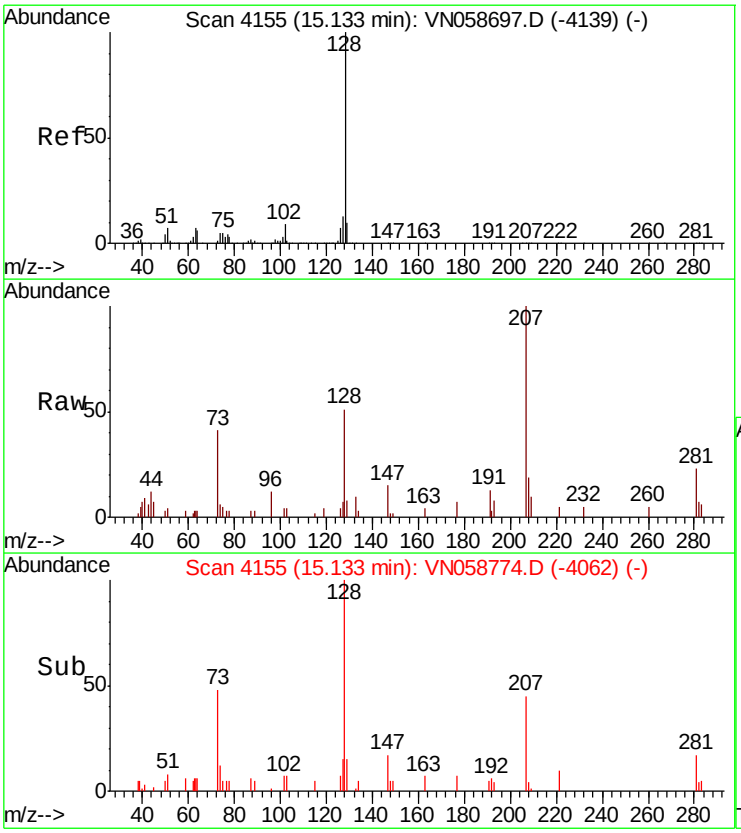
#94
Hexachlorobutadiene
Concen: 0.549 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.01 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:225 Resp: 1172

Ion	Ratio	Lower	Upper
225	100		
223	71.9	32.3	96.8
227	65.0	32.4	97.0

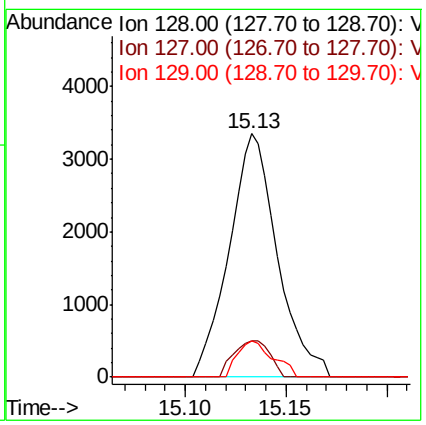


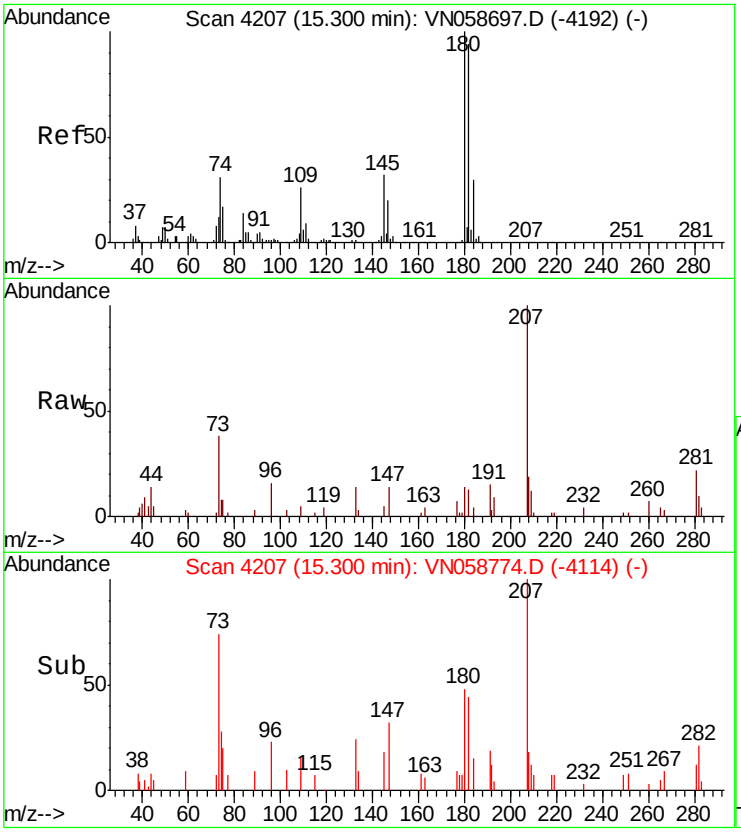


#95
Naphthalene
Concen: 0.480 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Tgt Ion:128 Resp: 5590

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.2	15.4
129	11.0	8.5	12.7





#96
1,2,3-Trichlorobenzene
Concen: 0.482 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. -0.00 min
Lab File: VN058774.D
Acq: 15 Oct 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019DL

Tgt Ion:180 Resp: 1909

Ion	Ratio	Lower	Upper
180	100		
182	99.3	47.3	142.0
145	9.7	16.2	48.6#