

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018966.D
 Acq On : 20 Oct 2020 11:37
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

Quant Time: Oct 20 12:00:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 11:43:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	210628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	365174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194399	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	267486	98.53	ug/l	0.00
Spiked Amount			Recovery	=	197.06%	
35) Dibromofluoromethane	5.46	113	240026	105.45	ug/l	0.00
Spiked Amount			Recovery	=	210.90%	
50) Toluene-d8	8.70	98	952430	108.00	ug/l	0.00
Spiked Amount			Recovery	=	216.00%	
62) 4-Bromofluorobenzene	11.12	95	351092	111.72	ug/l	0.00
Spiked Amount			Recovery	=	223.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	186569	99.370	ug/l	99
3) Chloromethane	1.31	50	189381	92.612	ug/l	100
4) Vinyl Chloride	1.39	62	264838	95.890	ug/l	100
5) Bromomethane	1.62	94	168801	72.281	ug/l	98
6) Chloroethane	1.70	64	198557	99.795	ug/l	99
7) Trichlorofluoromethane	1.91	101	468652	100.447	ug/l	97
8) Diethyl Ether	2.17	74	181143	98.458	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	260595	101.342	ug/l	98
10) Methyl Iodide	2.49	142	256161	106.384	ug/l	99
11) Tert butyl alcohol	3.03	59	284676	461.218	ug/l	99
12) 1,1-Dichloroethene	2.36	96	272961	99.682	ug/l	95
13) Acrolein	2.28	56	183485	452.515	ug/l	100
14) Allyl chloride	2.70	41	279124	85.651	ug/l	98
15) Acrylonitrile	3.12	53	536666	470.356	ug/l	100
16) Acetone	2.42	43	457042	385.953	ug/l	97
17) Carbon Disulfide	2.54	76	563545	91.038	ug/l	99
18) Methyl Acetate	2.75	43	230990	89.437	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	684636	97.429	ug/l	100
20) Methylene Chloride	2.83	84	230609	92.483	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	249461	99.434	ug/l	98
22) Diisopropyl ether	3.83	45	570450	94.207	ug/l	89
23) Vinyl Acetate	3.79	43	2762252	472.532	ug/l	97
24) 1,1-Dichloroethane	3.67	63	404004	96.961	ug/l	99
25) 2-Butanone	4.64	43	763675	453.760	ug/l	99
26) 2,2-Dichloropropane	4.55	77	388740	99.130	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	291212	100.348	ug/l	97
28) Bromochloromethane	4.98	49	168398	96.093	ug/l	89
29) Tetrahydrofuran	5.09	42	445302	452.752	ug/l	97
30) Chloroform	5.18	83	465118	102.733	ug/l	98
31) Cyclohexane	5.55	56	322569	97.971	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	424205	103.912	ug/l	98
36) 1,1-Dichloropropene	5.77	75	342741	99.086	ug/l	98
37) Ethyl Acetate	4.80	43	304005	89.728	ug/l	99
38) Carbon Tetrachloride	5.76	117	369894	104.035	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	386291	103.634	ug/l	98
40) Benzene	6.11	78	1020088	102.349	ug/l	100
41) Methacrylonitrile	5.01	41	155487	88.779	ug/l	97
42) 1,2-Dichloroethane	6.16	62	340580	99.668	ug/l	98
43) Isopropyl Acetate	6.42	43	499703	91.434	ug/l	98
44) Trichloroethene	7.19	130	287076	103.937	ug/l	97
45) 1,2-Dichloropropane	7.49	63	241321	97.942	ug/l	98
46) Dibromomethane	7.64	93	183995	104.153	ug/l	97
47) Bromodichloromethane	7.88	83	370620	103.942	ug/l	99
48) Methyl methacrylate	7.74	41	233177	91.936	ug/l	97
49) 1,4-Dioxane	7.71	88	120227	2070.687	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1506743	473.983	ug/l	98
52) Toluene	8.76	92	693098	107.345	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	421239	104.002	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	442115	103.466	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	274828	108.599	ug/l	98
56) Ethyl methacrylate	9.16	69	408575	105.461	ug/l	97
57) 1,3-Dichloropropane	9.35	76	437368	102.799	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1039061	484.537	ug/l	96
59) 2-Hexanone	9.48	43	1157299	479.719	ug/l	97
60) Dibromochloromethane	9.57	129	328055	117.654	ug/l	98
61) 1,2-Dibromoethane	9.65	107	301936	110.116	ug/l	100
64) Tetrachloroethene	9.32	164	261806	105.132	ug/l	95
65) Chlorobenzene	10.12	112	763574	104.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	283948	105.877	ug/l	99
67) Ethyl Benzene	10.24	91	1312759	102.994	ug/l	96
68) m/p-Xylenes	10.34	106	1058522	213.680	ug/l	96
69) o-Xylene	10.68	106	500096	105.094	ug/l	97
70) Styrene	10.70	104	876367	109.131	ug/l	99
71) Bromoform	10.84	173	265030	124.013	ug/l #	97
73) Isopropylbenzene	11.00	105	1334914	94.886	ug/l	98
74) N-amyl acetate	10.88	43	424133	81.185	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	419283	91.922	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	488968	116.350	ug/l	85
77) Bromobenzene	11.24	156	351733	103.291	ug/l	94
78) n-propylbenzene	11.34	91	1493461	93.204	ug/l	99
79) 2-Chlorotoluene	11.40	91	863072	92.238	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	1149733	98.132	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	154655	93.409	ug/l	99
82) 4-Chlorotoluene	11.49	91	1049851	93.241	ug/l	98
83) tert-Butylbenzene	11.76	119	1139345	97.719	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1142242	97.641	ug/l	97
85) sec-Butylbenzene	11.93	105	1310599	95.313	ug/l	99
86) p-Isopropyltoluene	12.05	119	1270145	100.785	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	650451	101.355	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	658730	99.294	ug/l	98
89) n-Butylbenzene	12.37	91	1112676	97.024	ug/l	100
90) Hexachloroethane	12.58	117	208115	101.542	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	623580	101.909	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	98078	94.857	ug/l	94

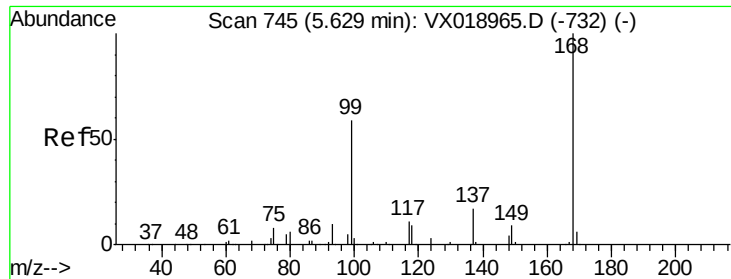
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	423218	100.197	ug/l	97
94) Hexachlorobutadiene	13.77	225	184573	104.343	ug/l	96
95) Naphthalene	13.82	128	1432421	99.467	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	429210	104.838	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

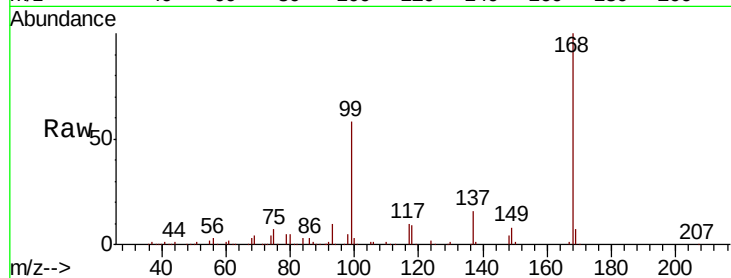
LOD-MDL-WATER-01-QT4-2020

Tot Ion:168 Resp: 210628

Ion Ratio Lower Upper

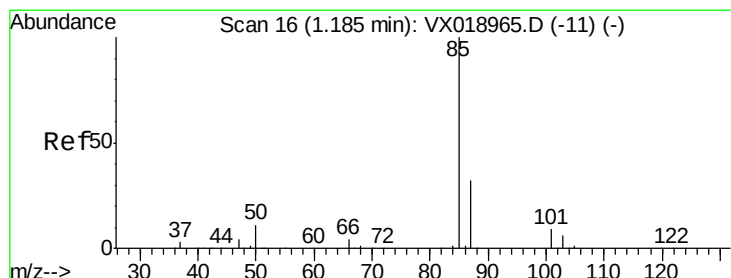
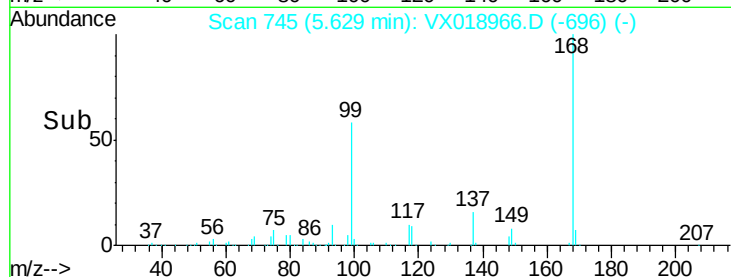
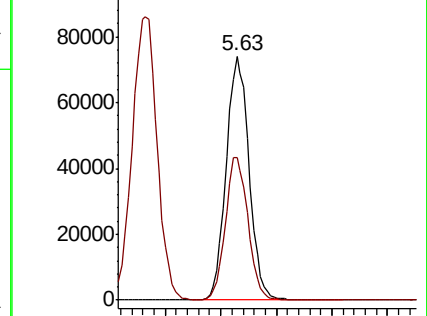
168 100

99 58.2 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 99.370 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018966.D

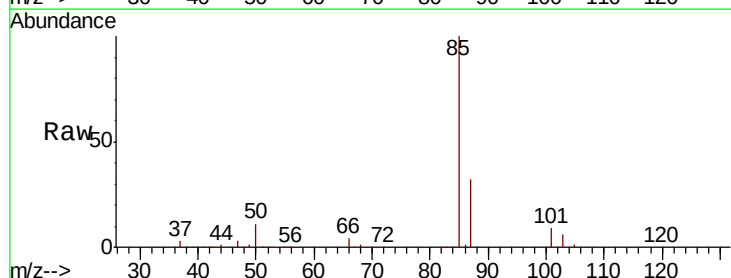
Acq: 20 Oct 2020 11:37

Tgt Ion: 85 Resp: 186569

Ion Ratio Lower Upper

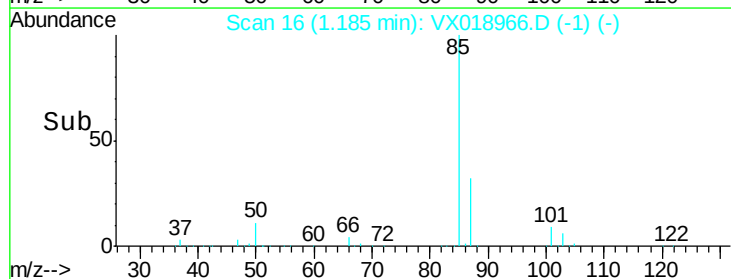
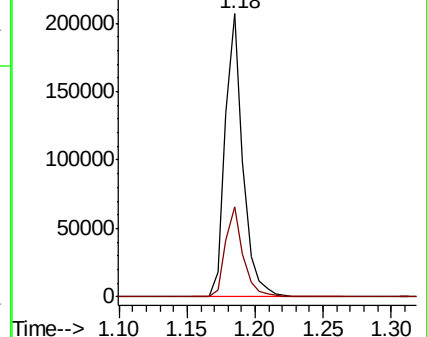
85 100

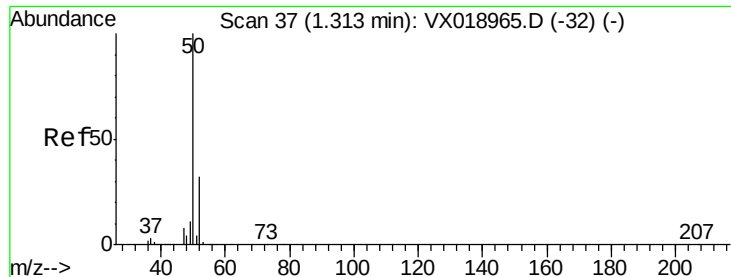
87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 92.612 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

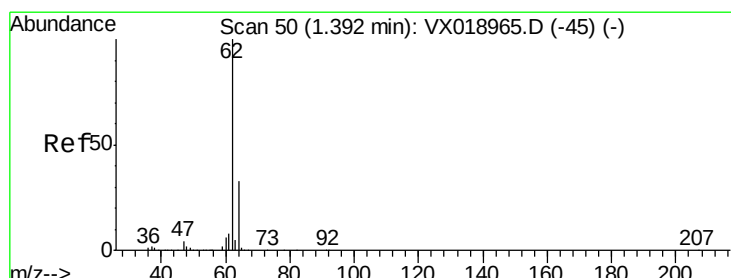
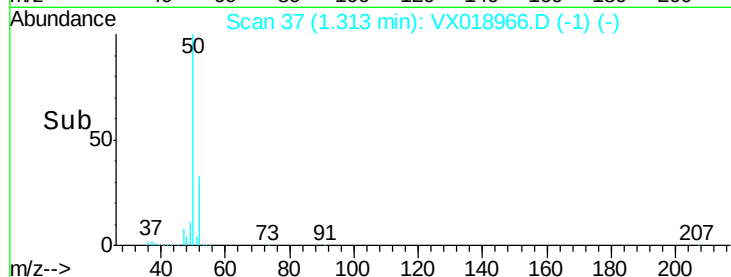
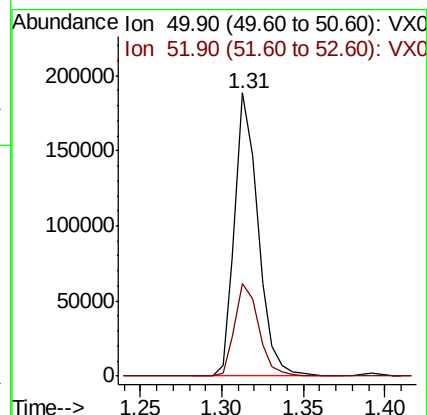
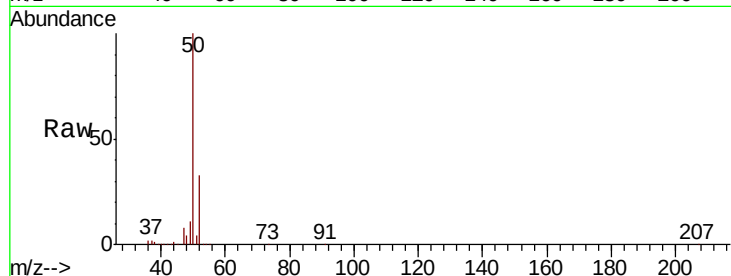
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 50 Resp: 189381

Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



#4

Vinyl Chloride

Concen: 95.890 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018966.D

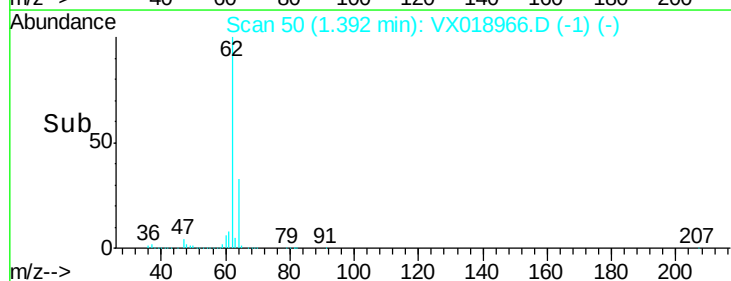
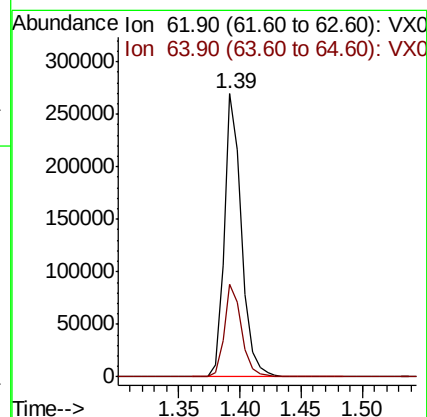
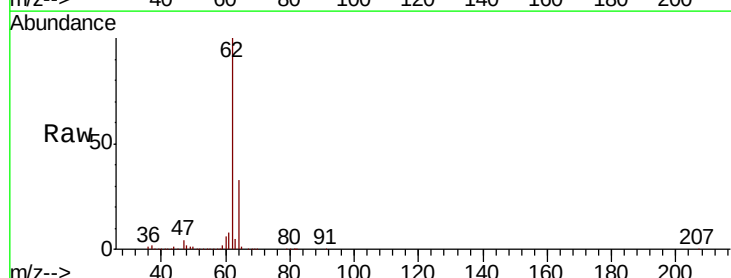
Acq: 20 Oct 2020 11:37

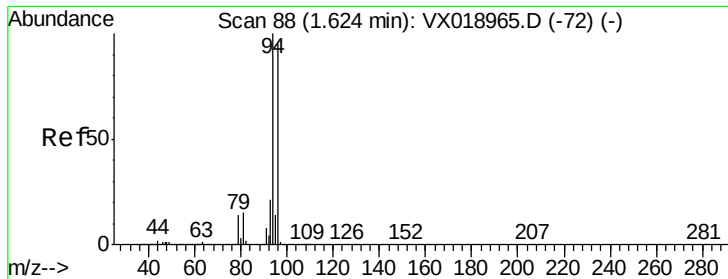
Tgt Ion: 62 Resp: 264838

Ion Ratio Lower Upper

62 100

64 32.7 26.1 39.1





#5

Bromomethane

Concen: 72.281 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

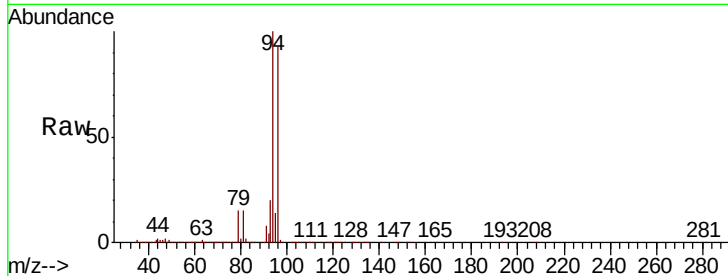
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 94 Resp: 168801

Ion Ratio Lower Upper

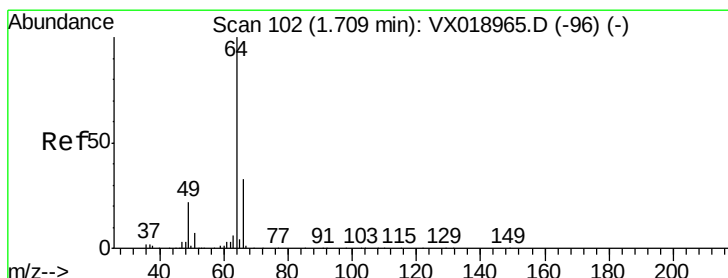
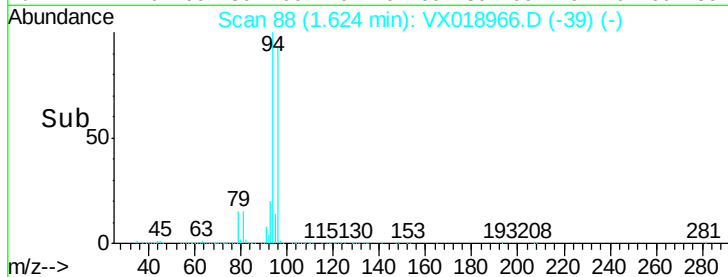
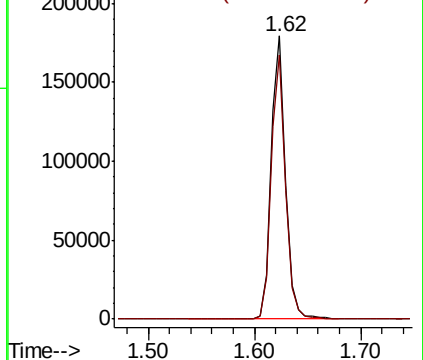
94 100

96 93.1 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 99.795 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX018966.D

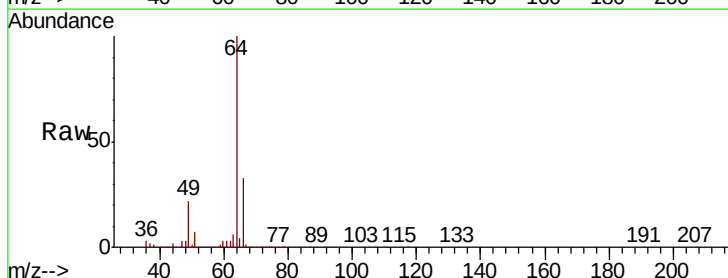
Acq: 20 Oct 2020 11:37

Tgt Ion: 64 Resp: 198557

Ion Ratio Lower Upper

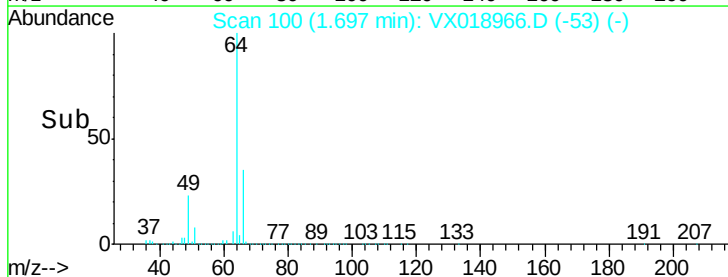
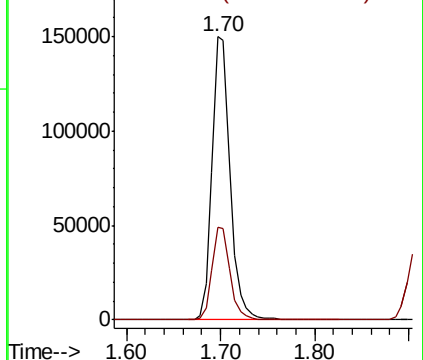
64 100

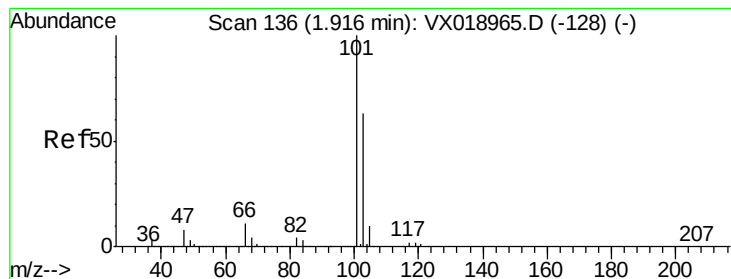
66 32.8 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



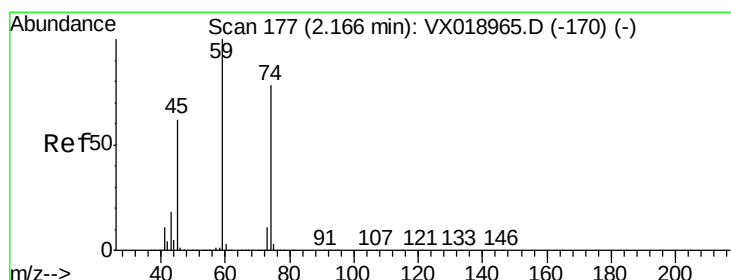
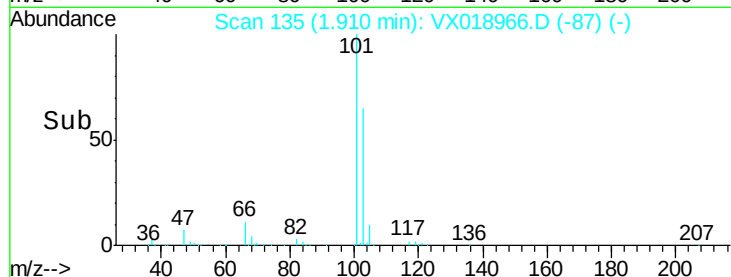
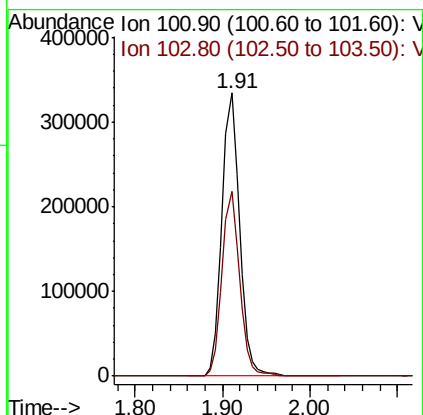
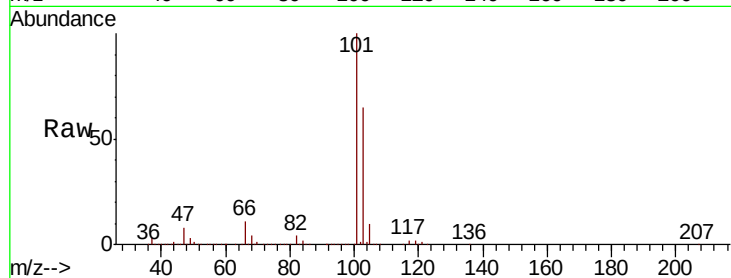


#7

Trichlorofluoromethane
Concen: 100.447 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Instrument :
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LOD-MDL-WATER-01-QT4-2020

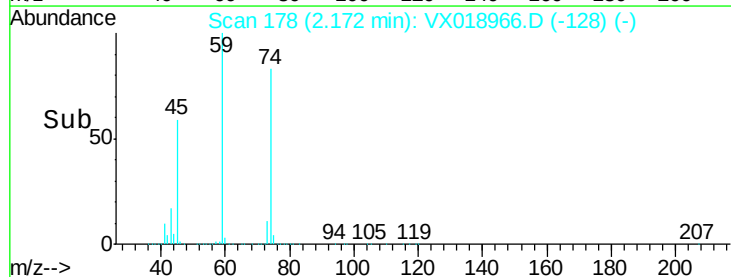
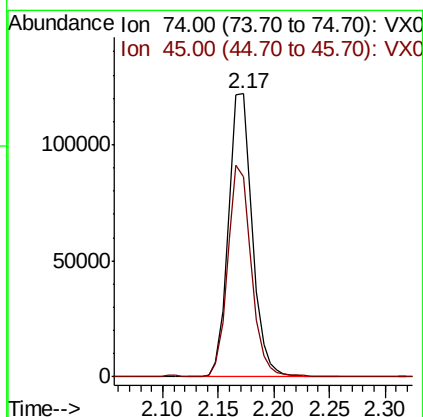
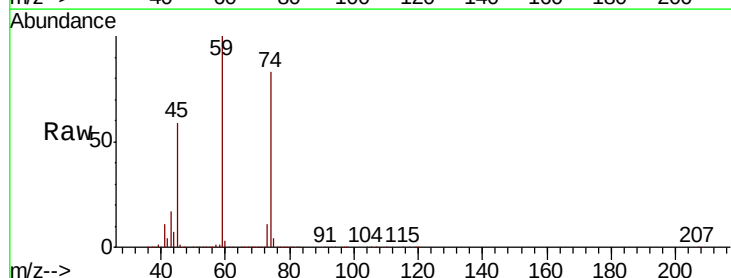
Tot Ion:101 Resp: 468652
Ion Ratio Lower Upper
101 100
103 65.2 50.1 75.1

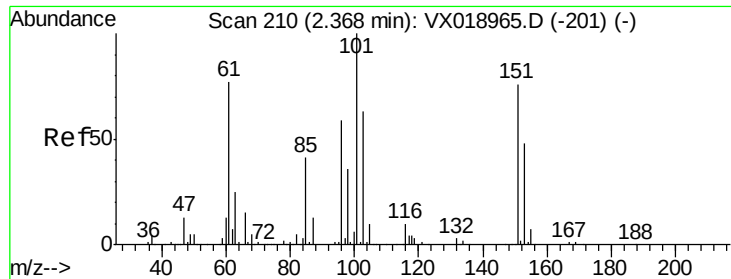


#8

Diethyl Ether
Concen: 98.458 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion: 74 Resp: 181143
Ion Ratio Lower Upper
74 100
45 73.5 38.4 115.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.342 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

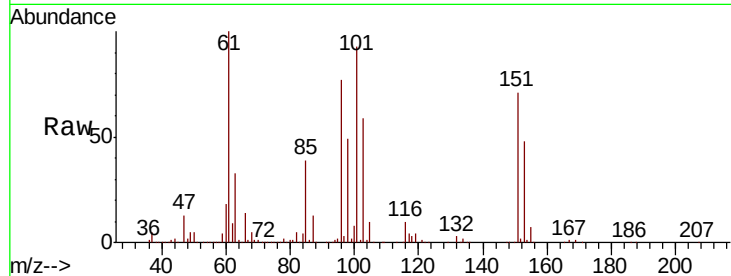
Tot Ion:101 Resp: 260595

Ion Ratio Lower Upper

101 100

85 42.1 35.0 52.4

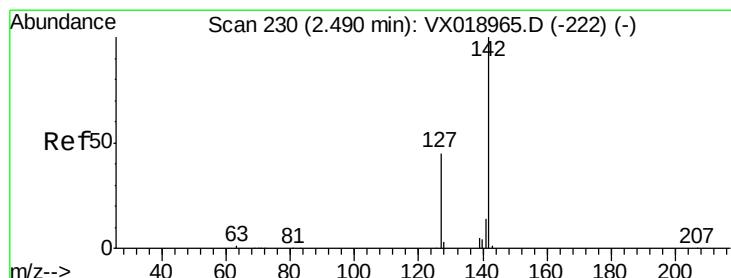
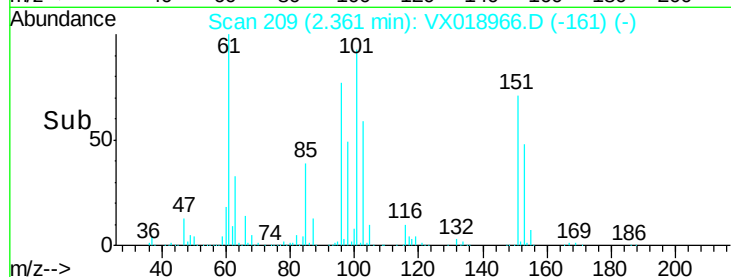
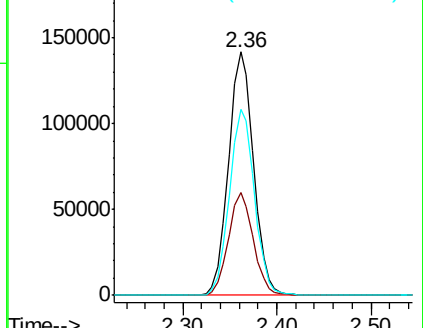
151 76.8 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 106.384 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

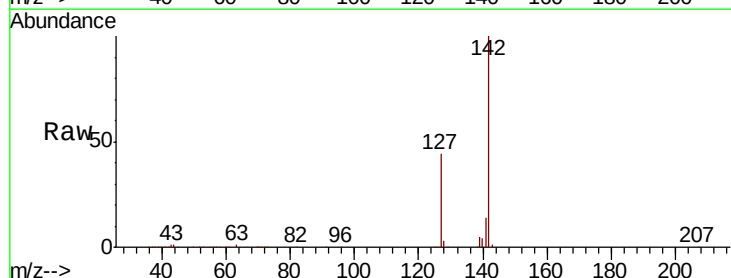
Tgt Ion:142 Resp: 256161

Ion Ratio Lower Upper

142 100

127 42.7 34.7 52.1

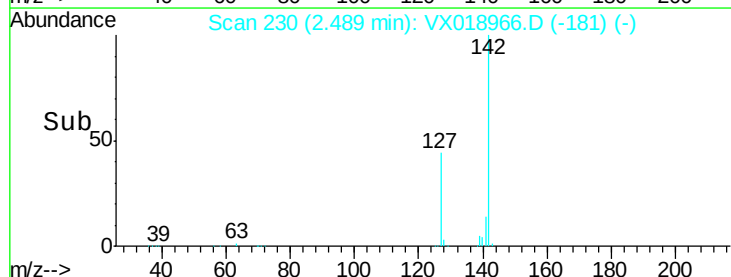
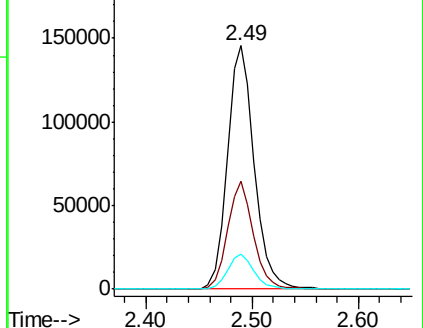
141 14.2 11.2 16.8

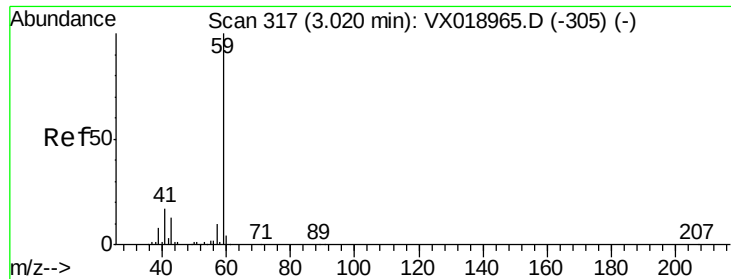


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



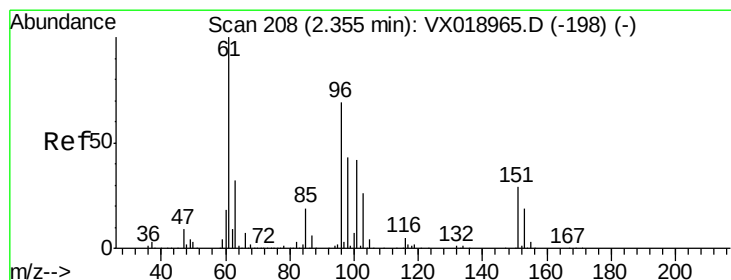
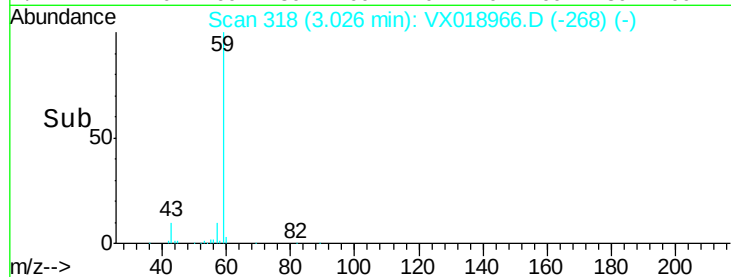
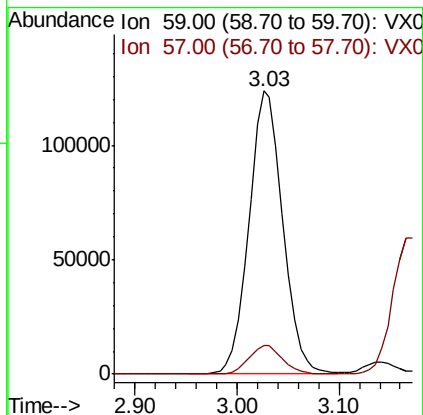
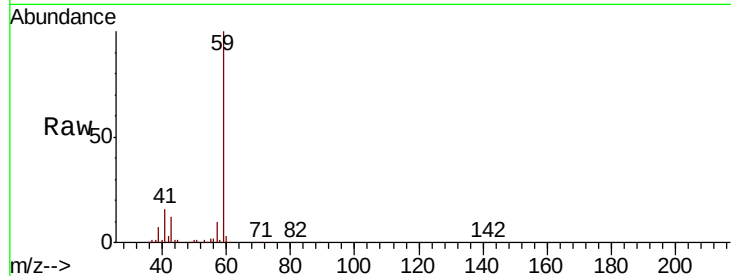


#11

Tert butyl alcohol
Concen: 461.218 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

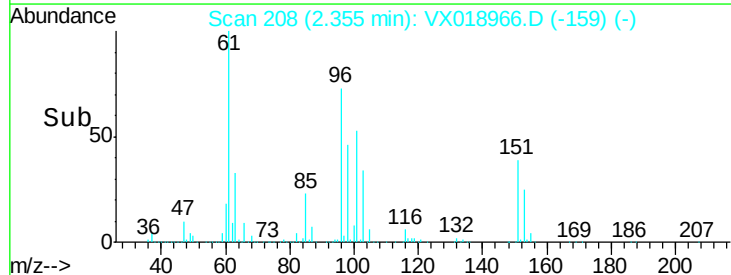
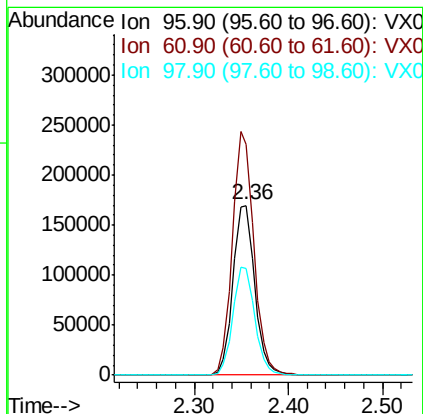
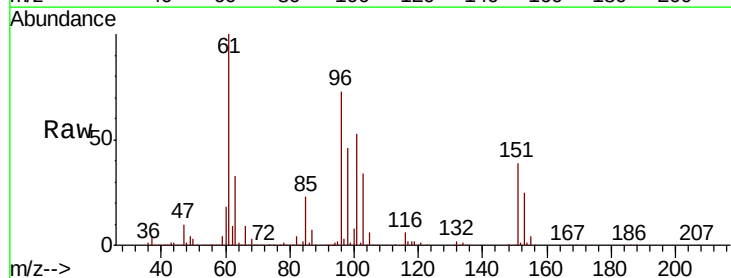
Tot Ion: 59 Resp: 284676
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6

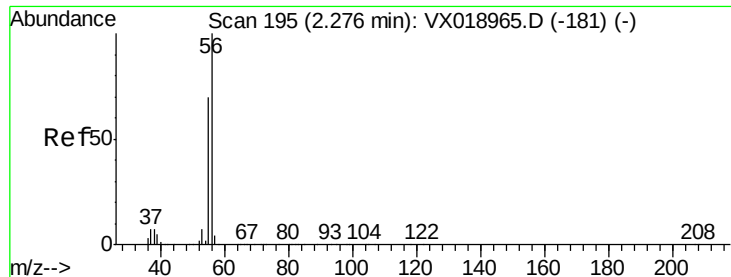


#12

1,1-Dichloroethene
Concen: 99.682 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion: 96 Resp: 272961
Ion Ratio Lower Upper
96 100
61 136.6 116.5 174.7
98 62.7 50.4 75.6





#13

Acrolein

Concen: 452.515 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

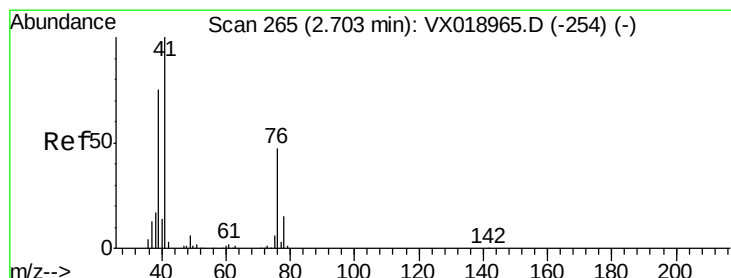
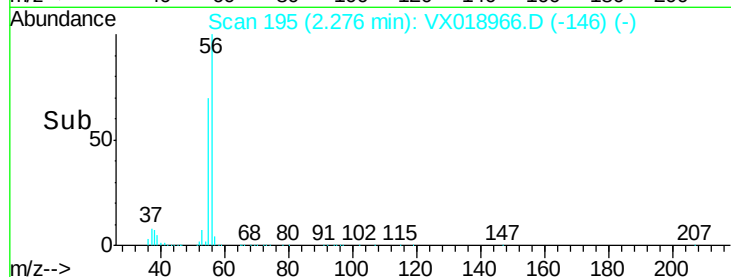
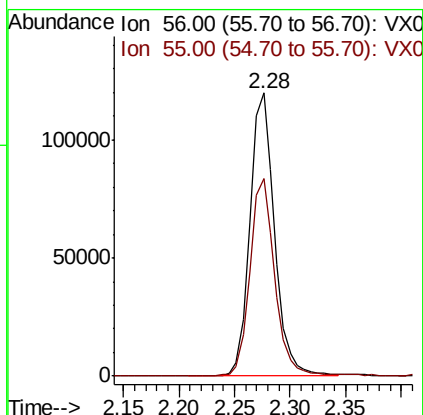
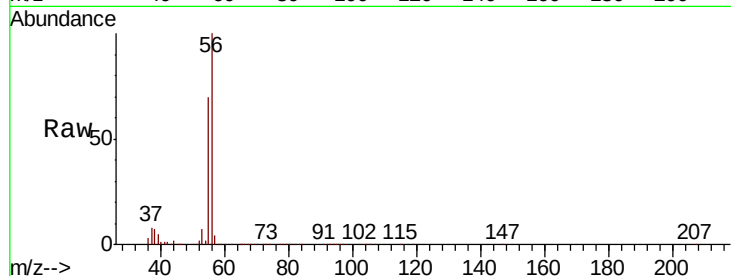
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 56 Resp: 183485

Ion Ratio Lower Upper

56 100

55 70.2 55.9 83.9



#14

Allyl chloride

Concen: 85.651 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

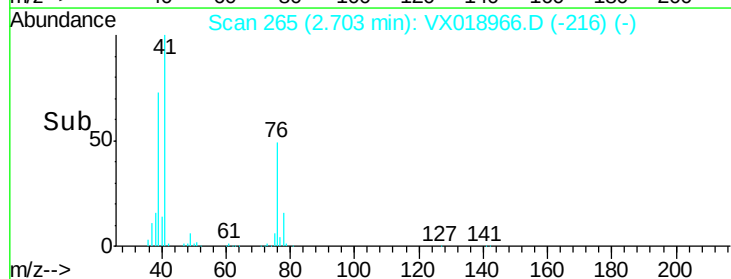
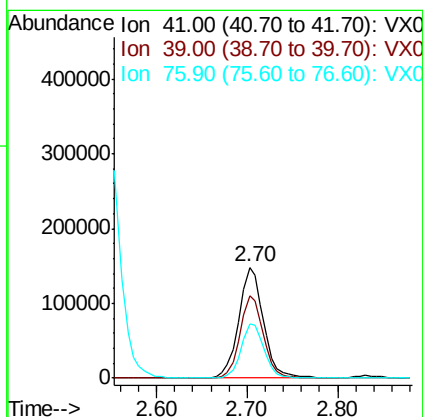
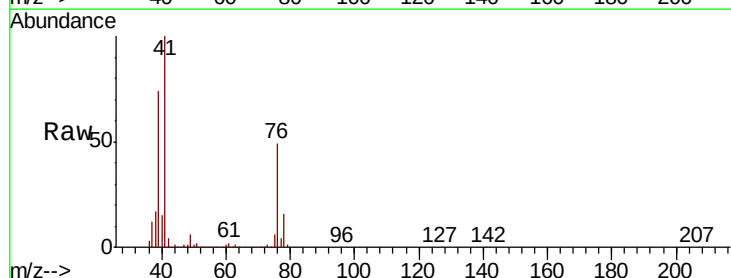
Tgt Ion: 41 Resp: 279124

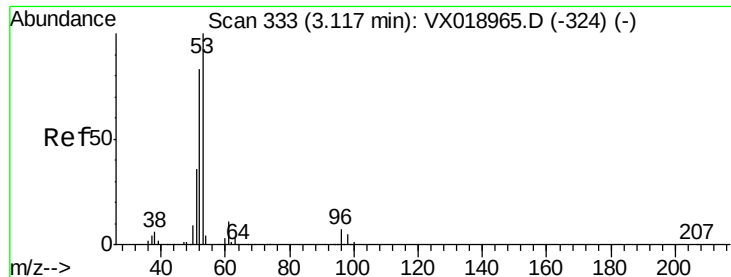
Ion Ratio Lower Upper

41 100

39 69.9 57.0 85.4

76 46.0 35.3 52.9





#15

Acrylonitrile

Concen: 470.356 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

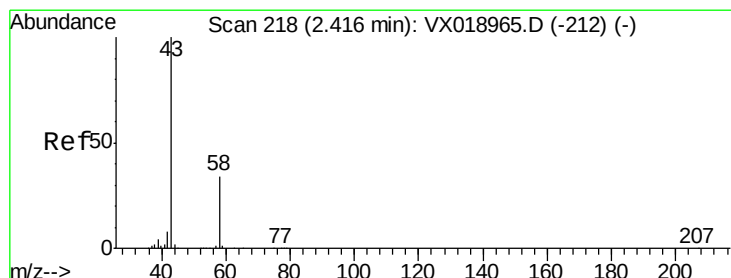
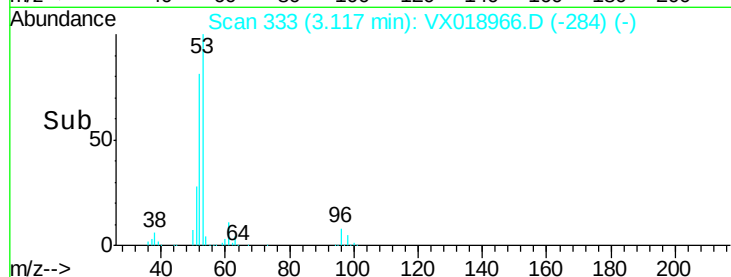
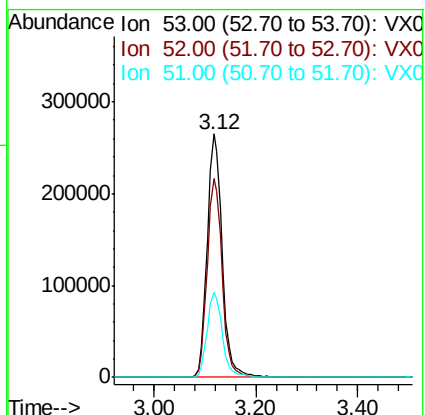
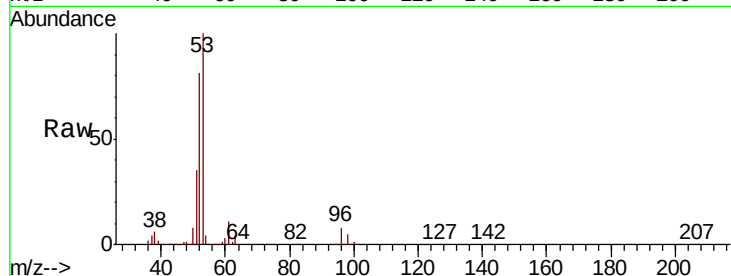
Tot Ion: 53 Resp: 536666

Ion Ratio Lower Upper

53 100

52 81.9 65.8 98.8

51 35.8 28.7 43.1



#16

Acetone

Concen: 385.953 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018966.D

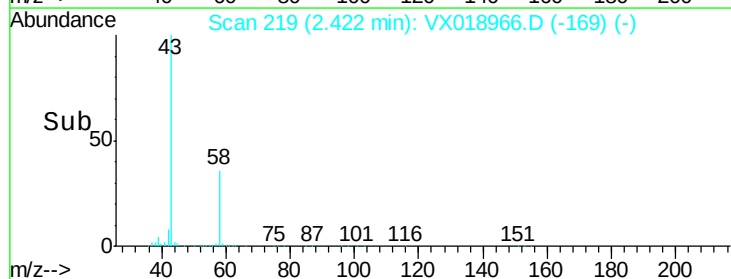
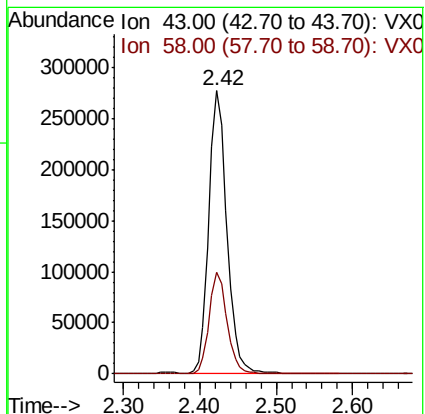
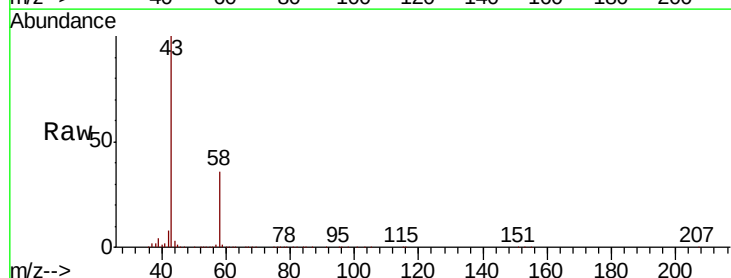
Acq: 20 Oct 2020 11:37

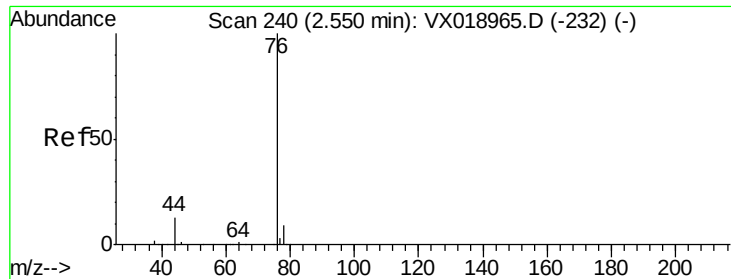
Tgt Ion: 43 Resp: 457042

Ion Ratio Lower Upper

43 100

58 35.7 27.4 41.0





#17

Carbon Disulfide

Concen: 91.038 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

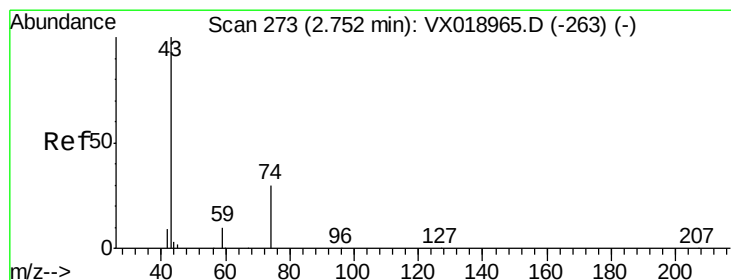
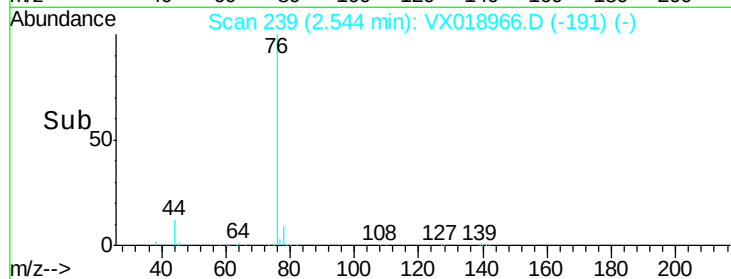
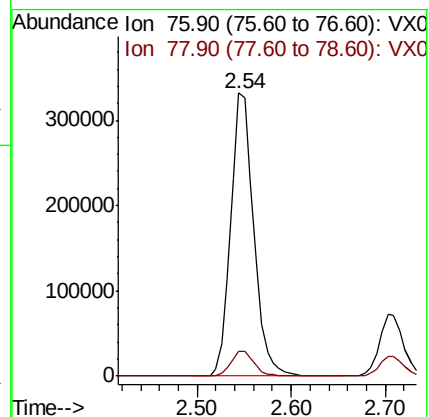
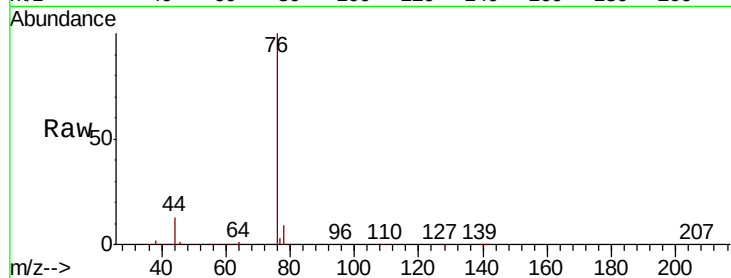
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 76 Resp: 563545

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



#18

Methyl Acetate

Concen: 89.437 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018966.D

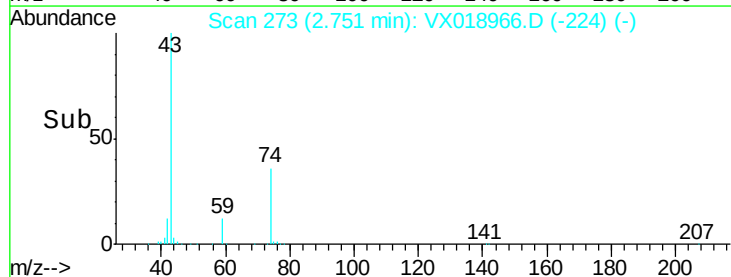
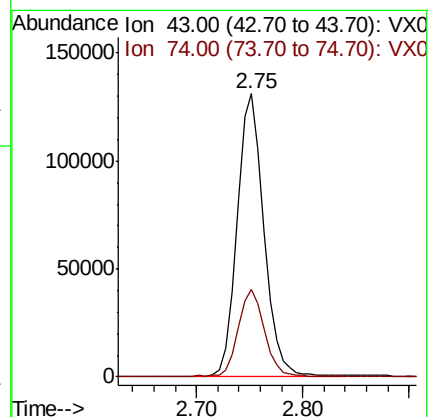
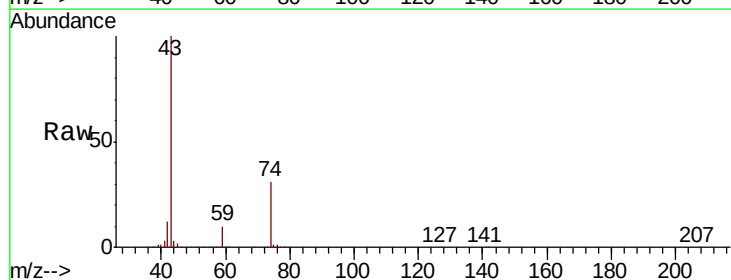
Acq: 20 Oct 2020 11:37

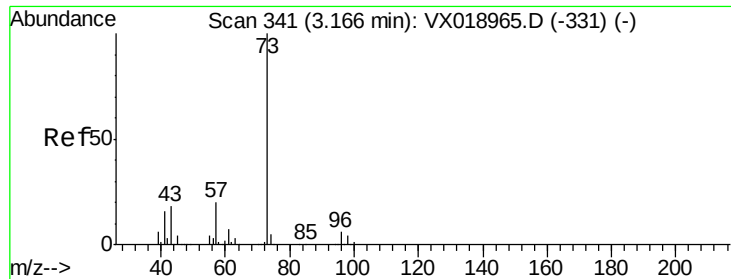
Tgt Ion: 43 Resp: 230990

Ion Ratio Lower Upper

43 100

74 30.9 23.9 35.9

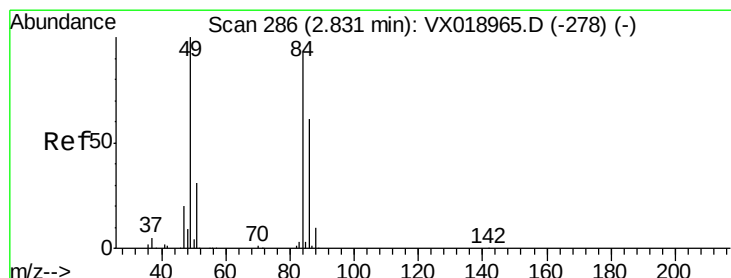
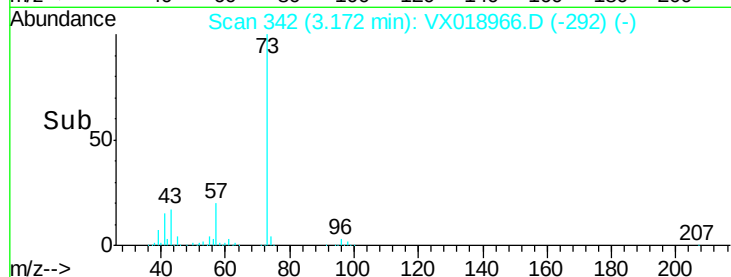
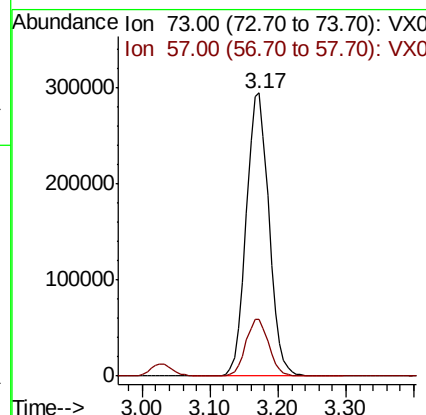
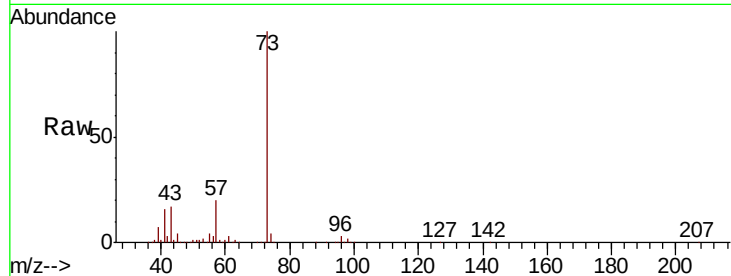




#19
Methyl tert-butyl Ether
Concen: 97.429 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

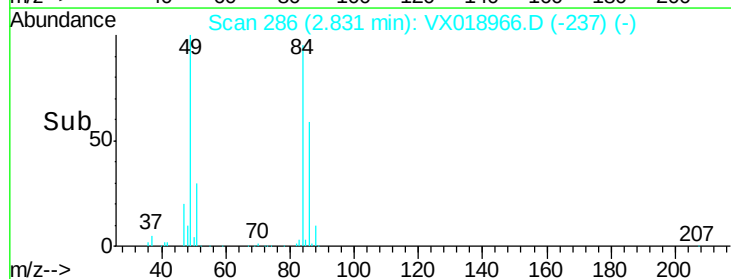
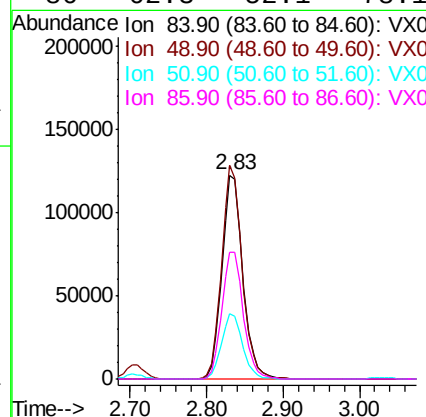
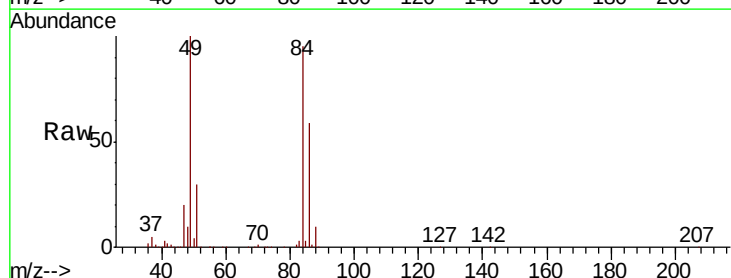
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

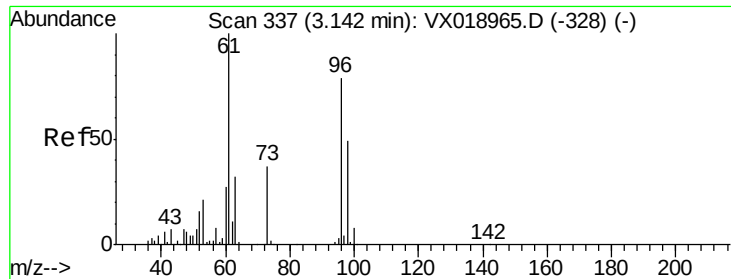
Tot Ion: 73 Resp: 684636
Ion Ratio Lower Upper
73 100
57 20.2 16.2 24.4



#20
Methylene Chloride
Concen: 92.483 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion: 84 Resp: 230609
Ion Ratio Lower Upper
84 100
49 104.7 86.0 129.0
51 31.9 27.0 40.4
86 62.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 99.434 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

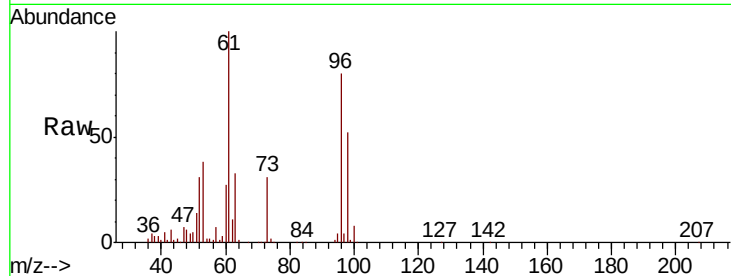
Tot Ion: 96 Resp: 249461

Ion Ratio Lower Upper

96 100

61 125.2 101.1 151.7

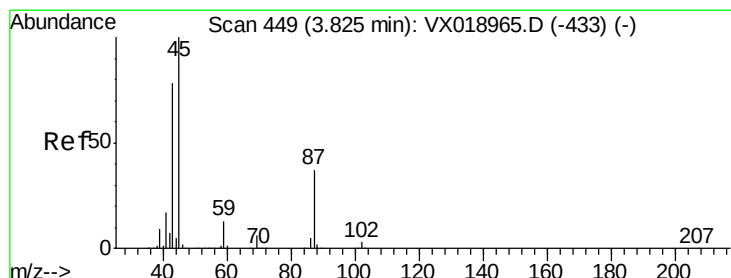
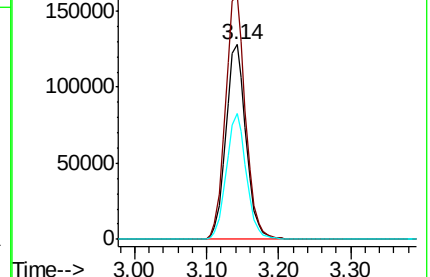
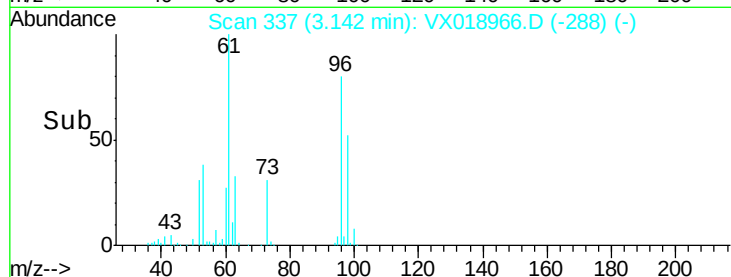
98 65.0 49.4 74.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 94.207 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Tgt Ion: 45 Resp: 570450

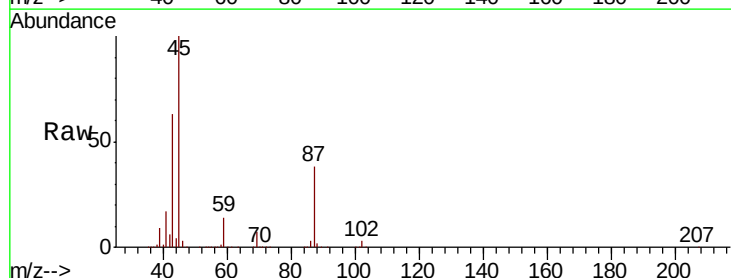
Ion Ratio Lower Upper

45 100

43 63.3 62.2 93.4

87 38.1 29.8 44.6

59 13.9 10.5 15.7

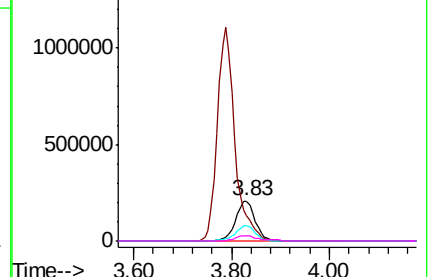
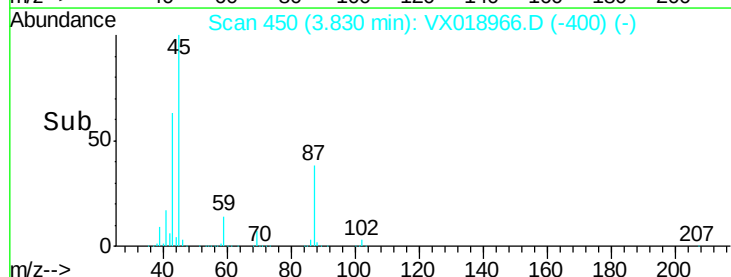


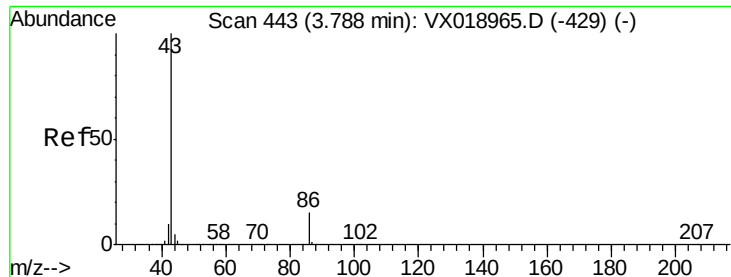
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 472.532 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

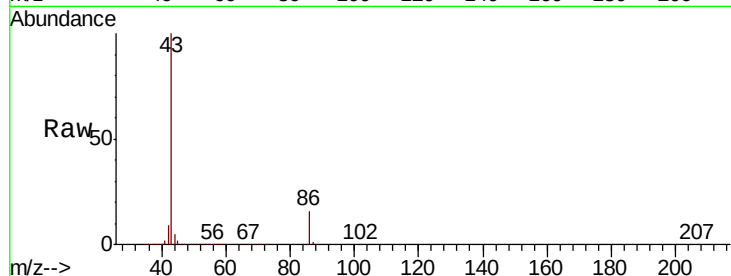
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 2762252

Ion Ratio Lower Upper

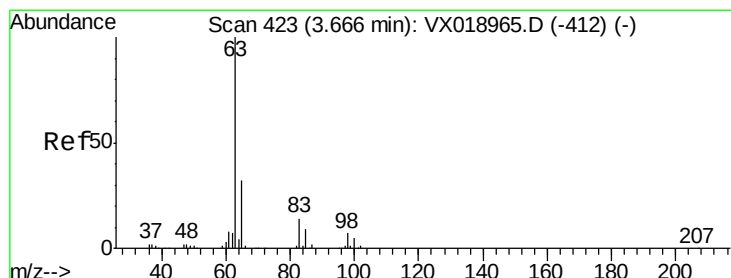
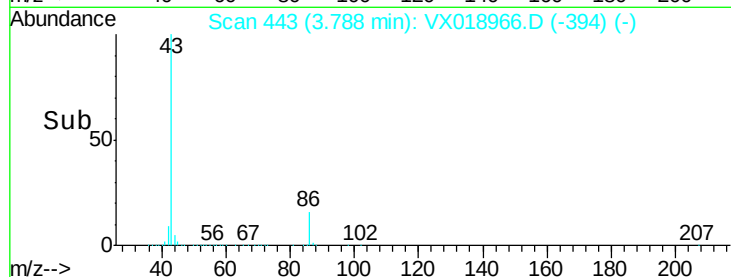
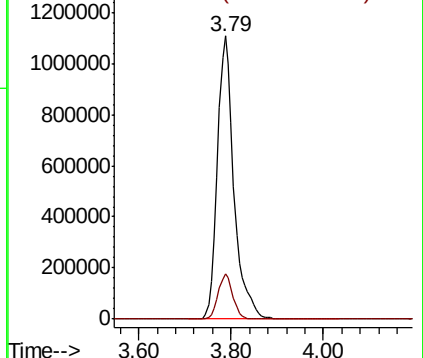
43 100

86 15.9 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 96.961 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

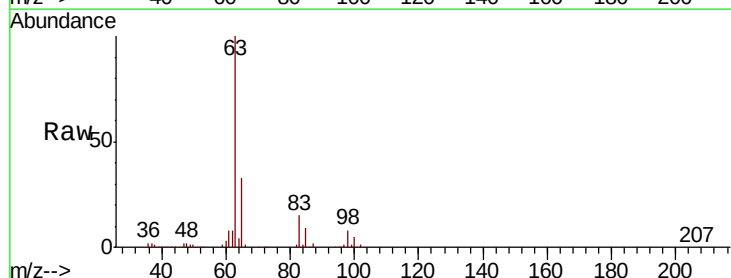
Tgt Ion: 63 Resp: 404004

Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

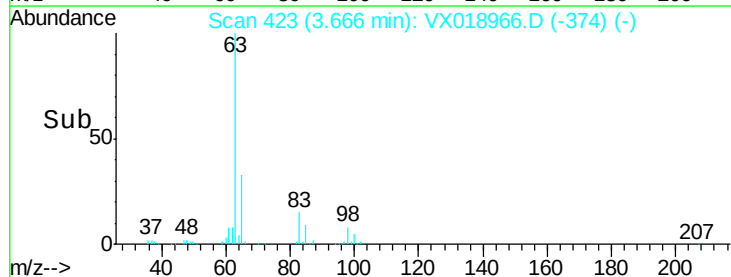
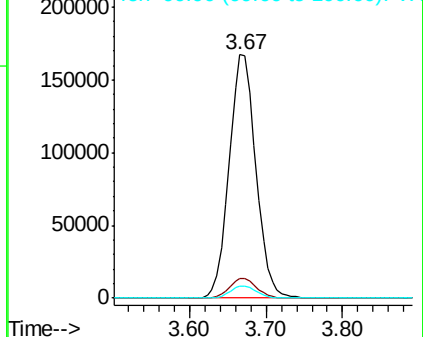
100 4.8 2.4 7.1

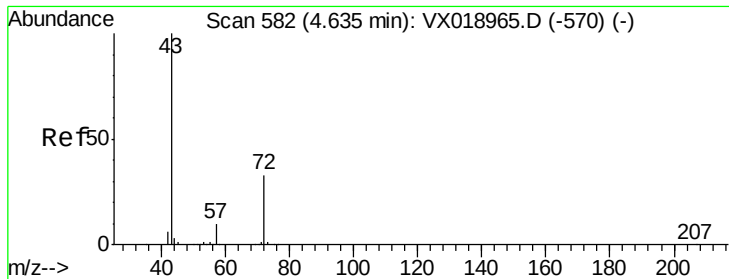


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 453.760 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

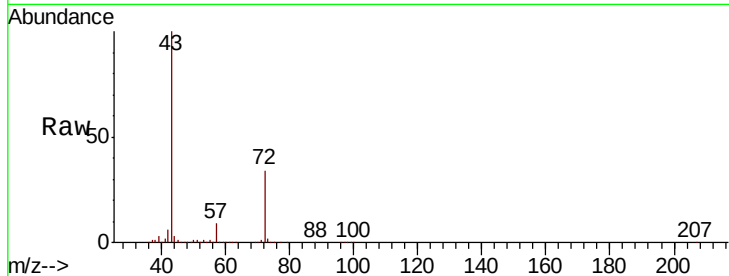
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 763675

Ion Ratio Lower Upper

43 100

72 34.2 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

100000

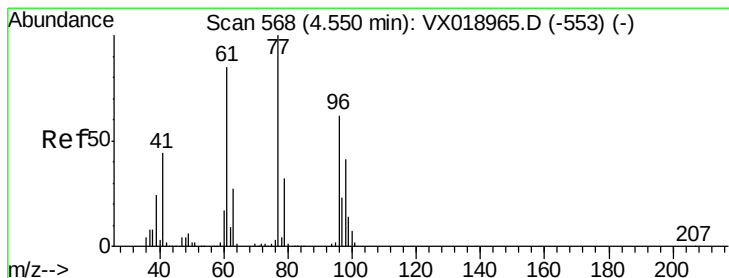
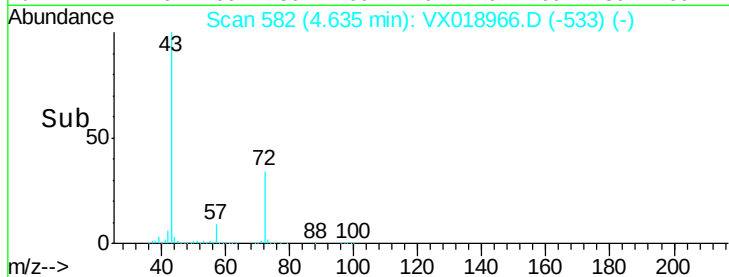
50000

0

4.64

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 99.130 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018966.D

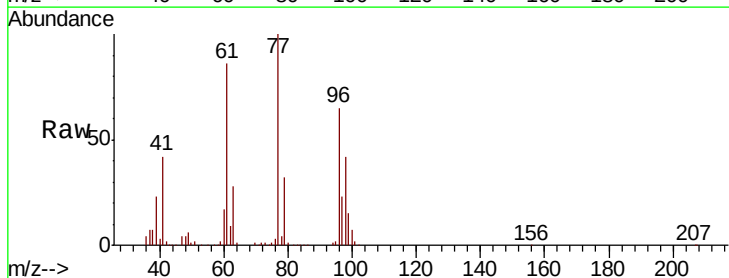
Acq: 20 Oct 2020 11:37

Tgt Ion: 77 Resp: 388740

Ion Ratio Lower Upper

77 100

97 23.4 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

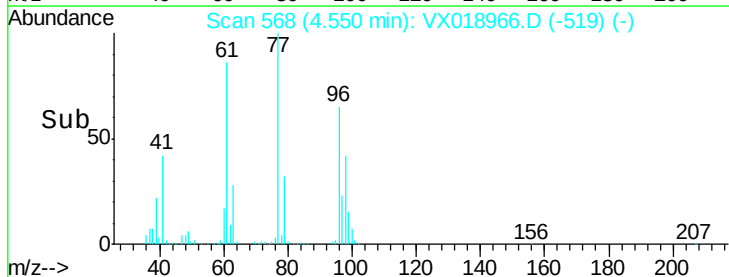
50000

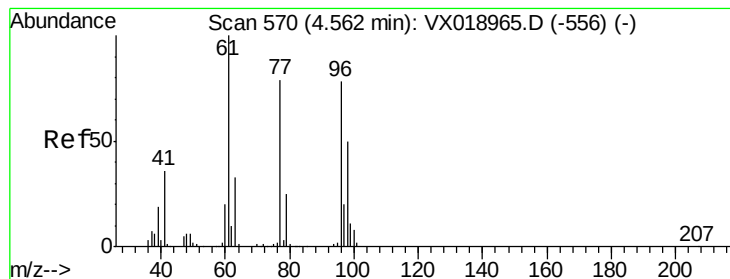
0

4.55

4.40 4.50 4.60 4.70

Time-->



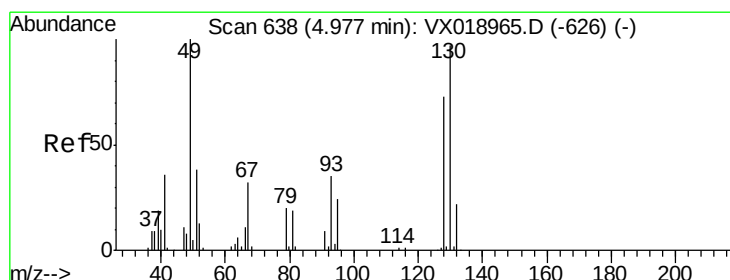
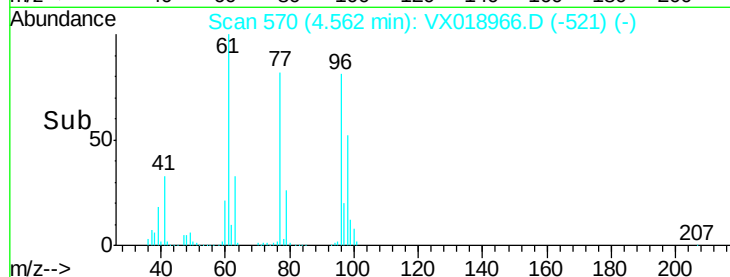
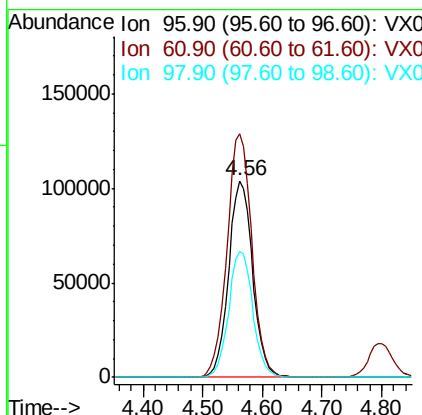
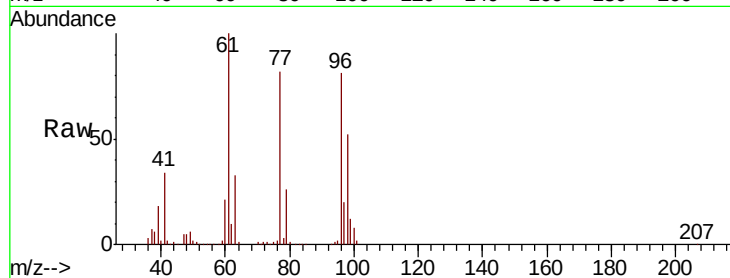


#27

cis-1,2-Dichloroethene
 Concen: 100.348 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

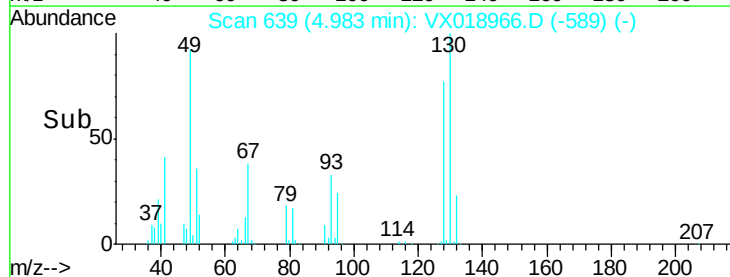
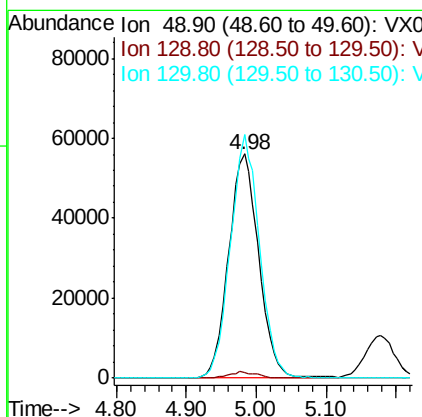
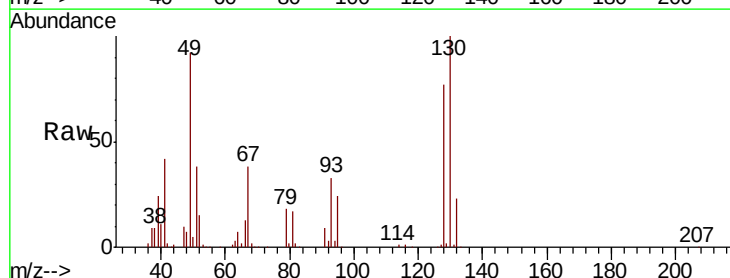
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	266.4
98	64.3	0.0	130.8

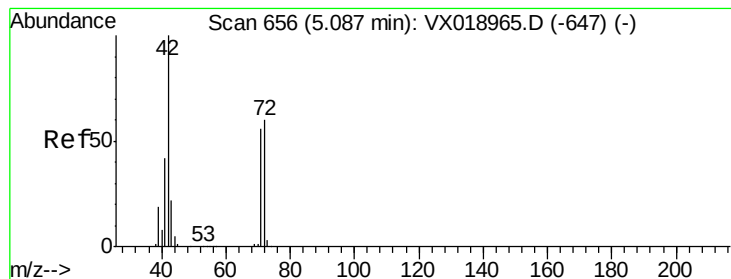


#28

Bromochloromethane
 Concen: 96.093 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	104.1	74.6	111.8





#29

Tetrahydrofuran

Concen: 452.752 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

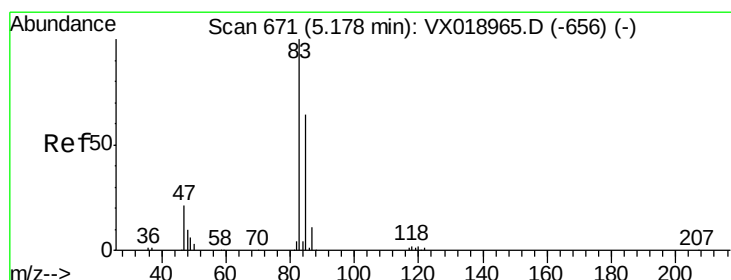
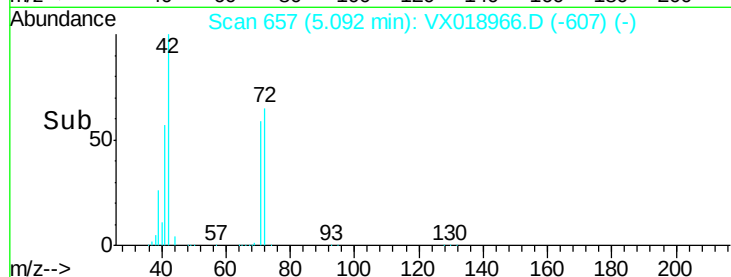
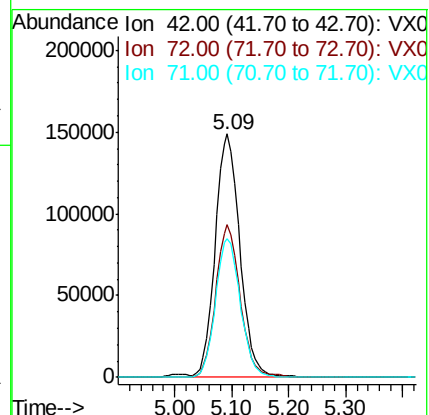
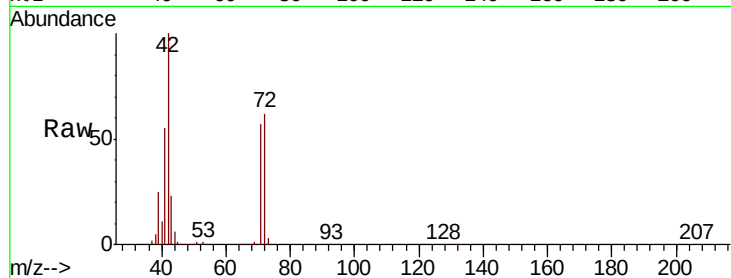
Tot Ion: 42 Resp: 445302

Ion Ratio Lower Upper

42 100

72 62.9 48.2 72.4

71 57.7 44.2 66.2



#30

Chloroform

Concen: 102.733 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018966.D

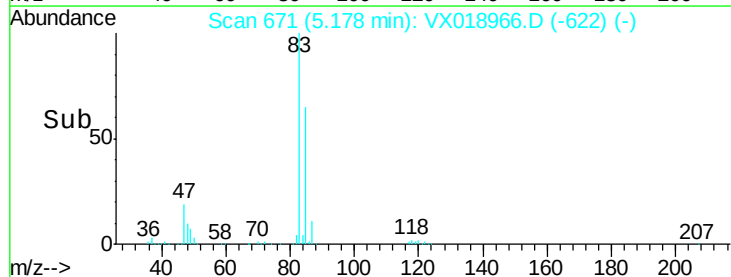
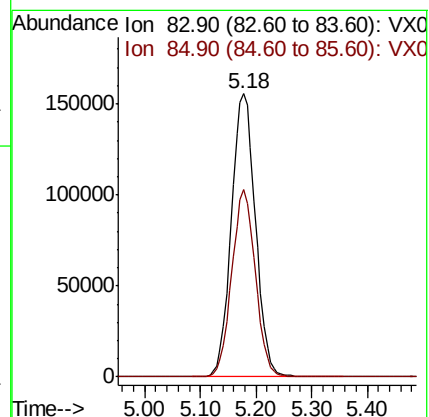
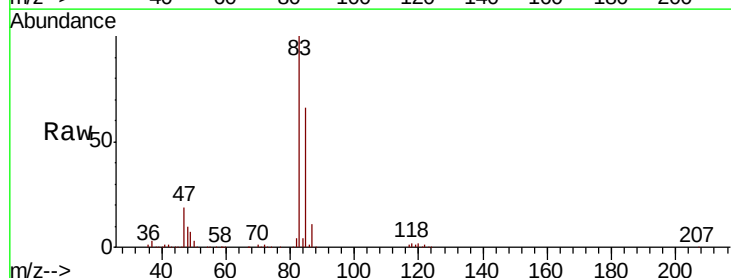
Acq: 20 Oct 2020 11:37

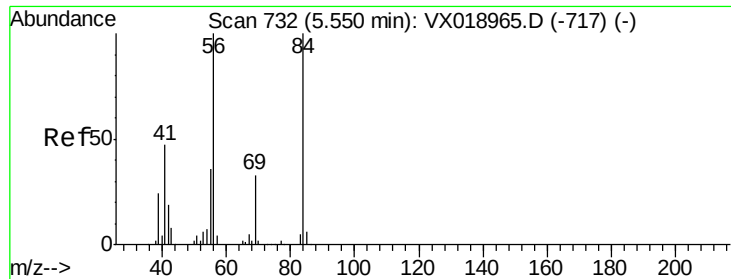
Tgt Ion: 83 Resp: 465118

Ion Ratio Lower Upper

83 100

85 66.0 51.4 77.0

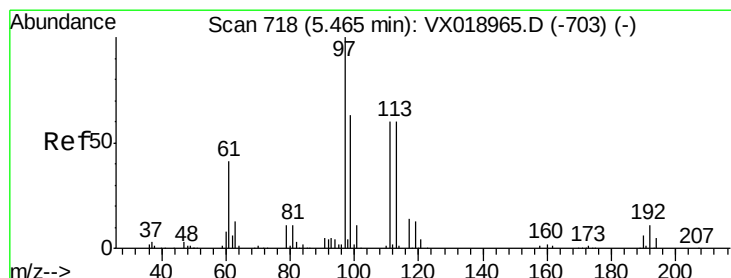
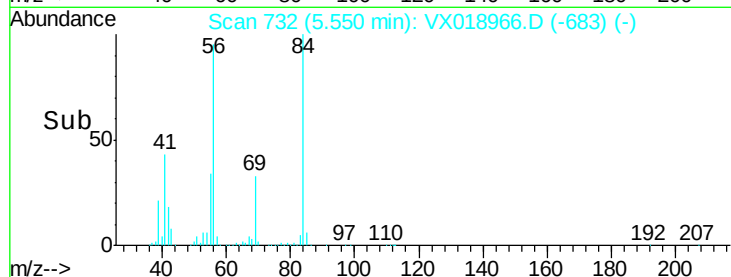
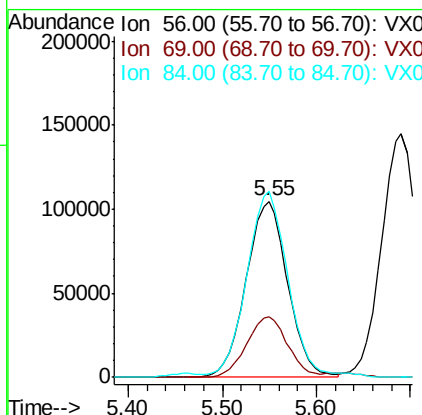
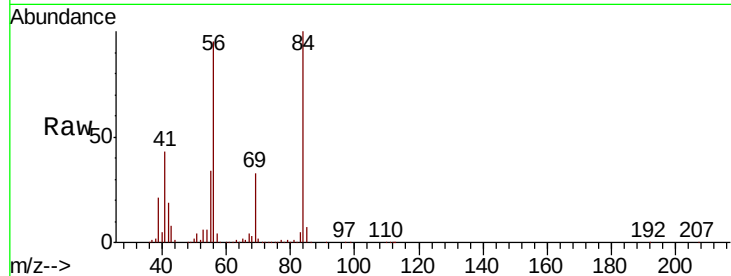




#31
Cyclohexane
Concen: 97.971 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

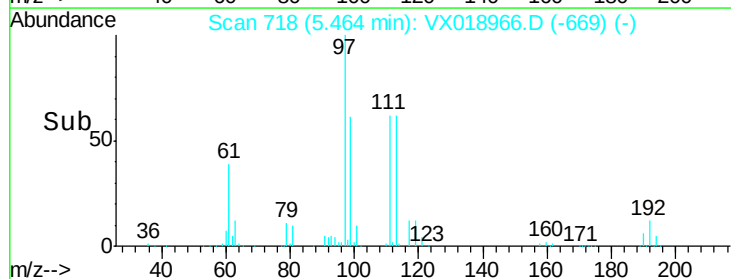
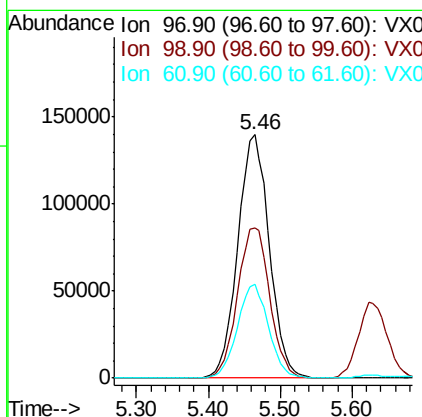
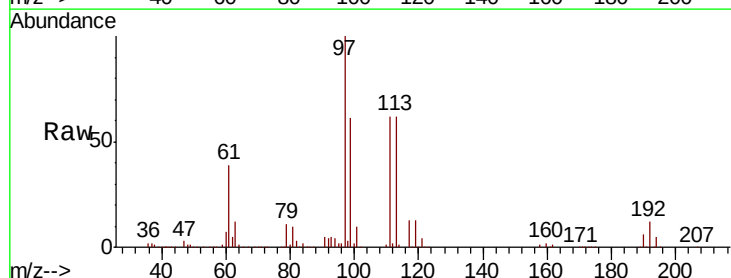
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

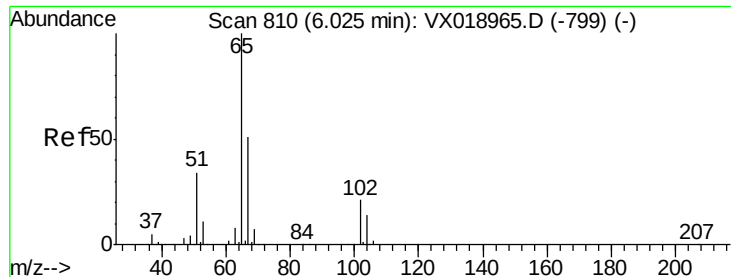
Tot Ion: 56 Resp: 322569
Ion Ratio Lower Upper
56 100
69 34.5 26.2 39.2
84 103.5 80.2 120.2



#32
1,1,1-Trichloroethane
Concen: 103.912 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion: 97 Resp: 424205
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 38.3 32.9 49.3

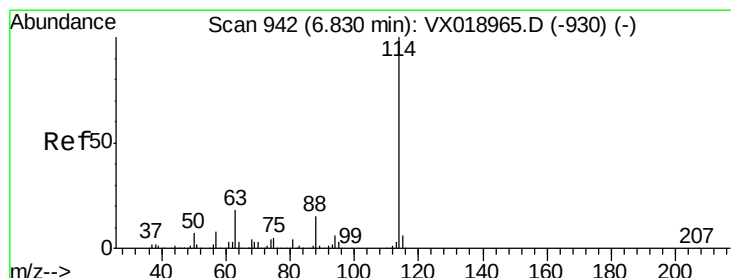
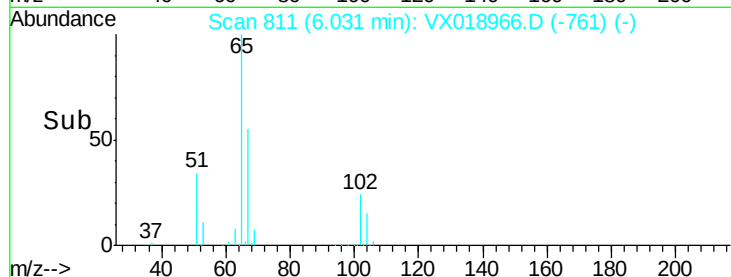
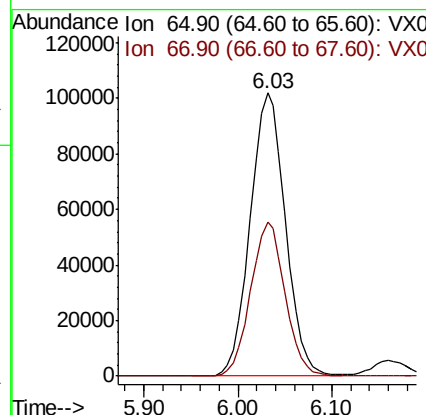
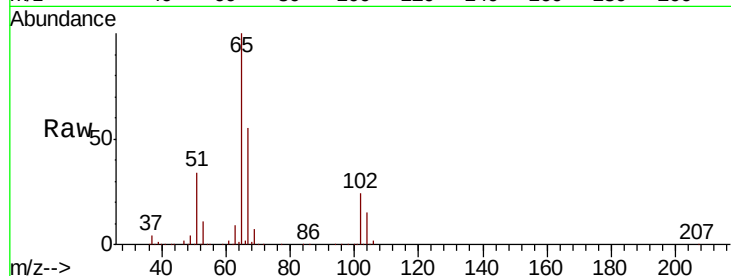




#33
 1,2-Dichloroethane-d4
 Concen: 98.534 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

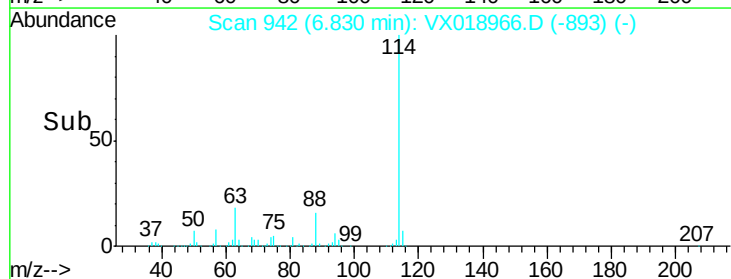
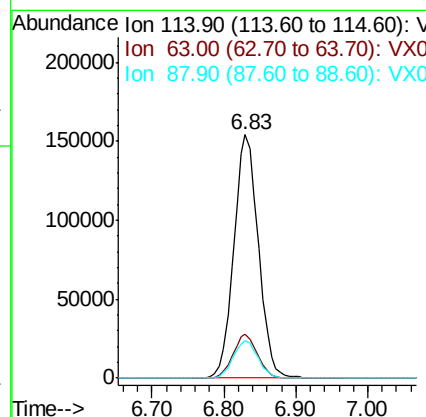
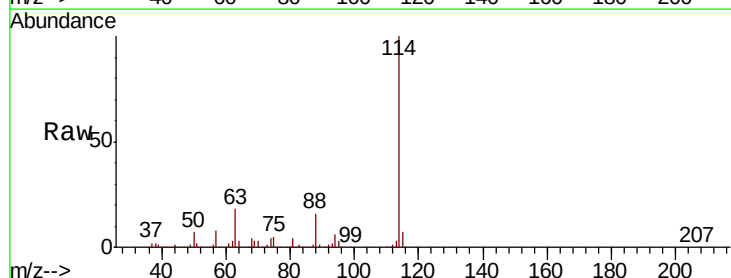
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

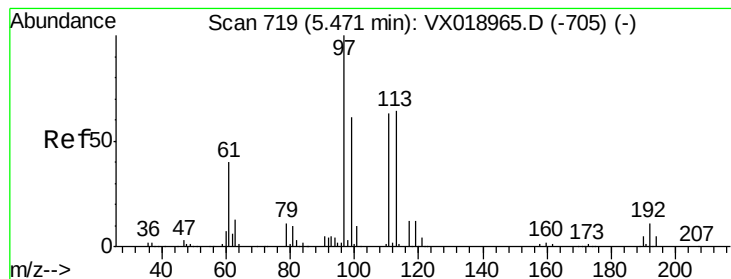
Tot Ion: 65 Resp: 267486
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

Tgt Ion: 114 Resp: 365174
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.6
 88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 105.449 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

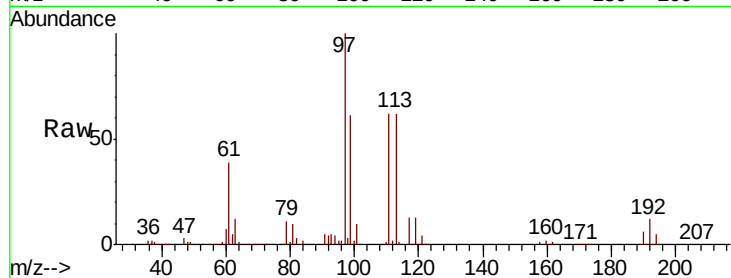
Tot Ion:113 Resp: 240026

Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

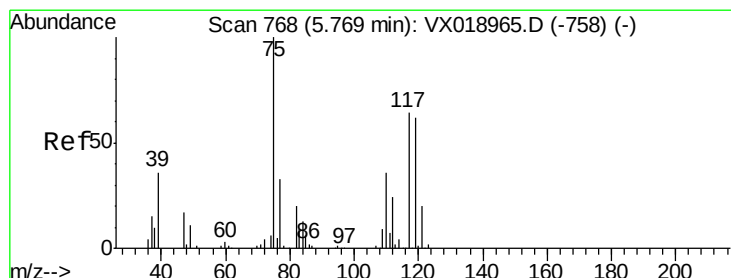
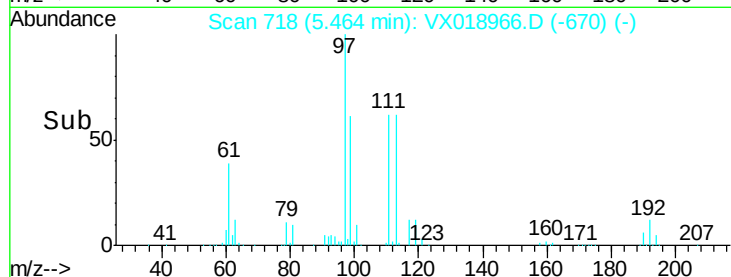
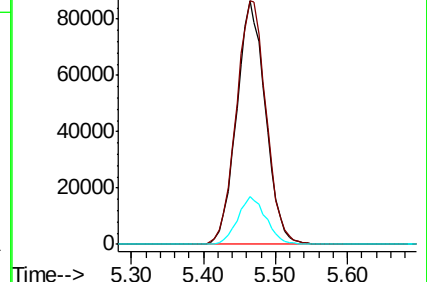
192 19.3 14.6 22.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 99.086 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

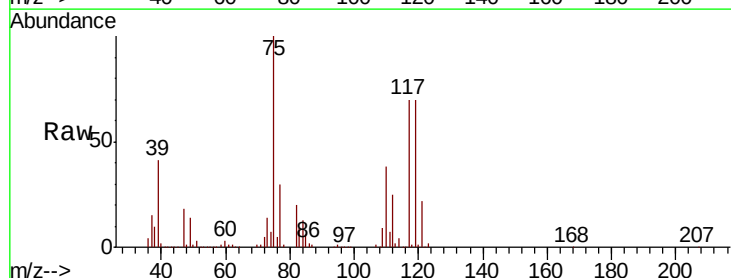
Tgt Ion: 75 Resp: 342741

Ion Ratio Lower Upper

75 100

110 38.8 18.3 54.9

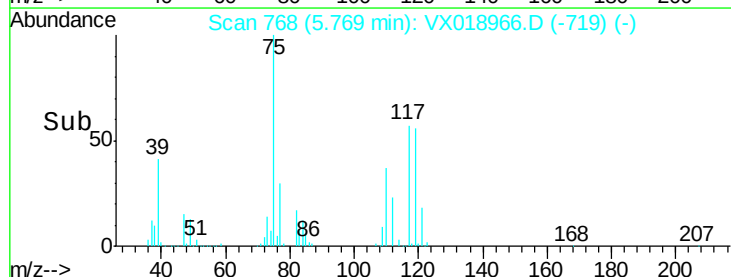
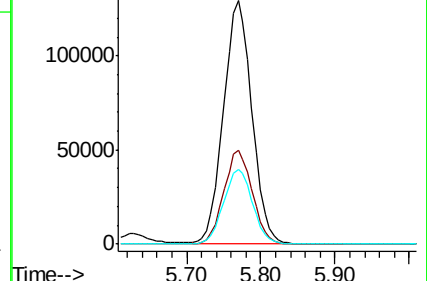
77 31.1 25.3 37.9

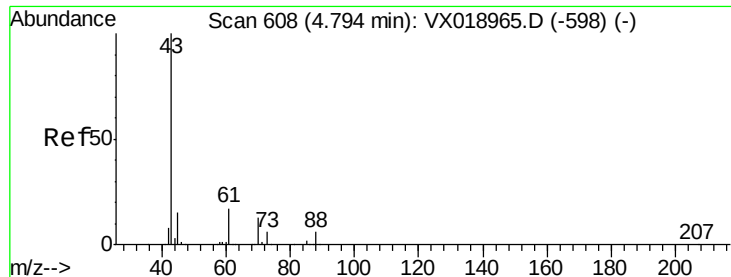


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

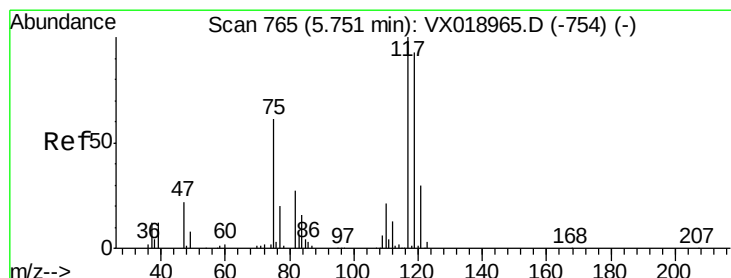
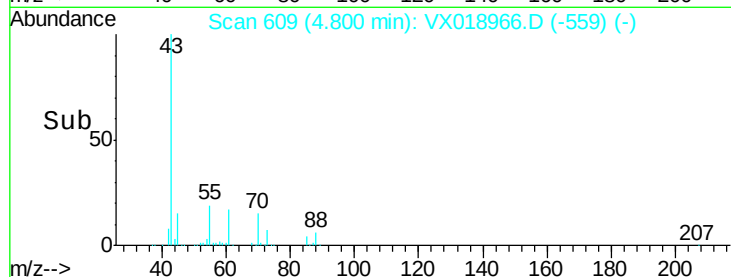
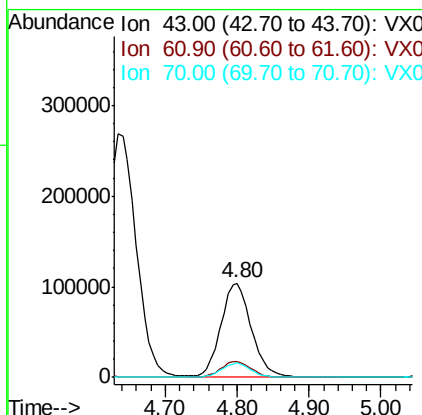
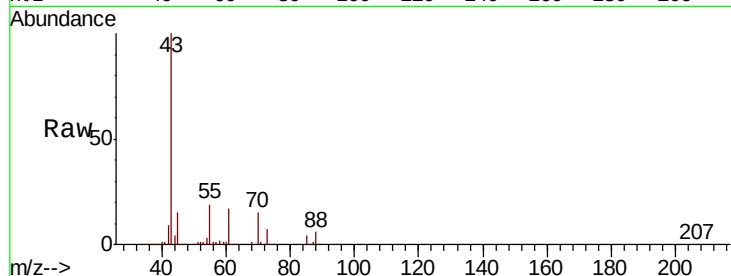




#37
Ethyl Acetate
Concen: 89.728 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

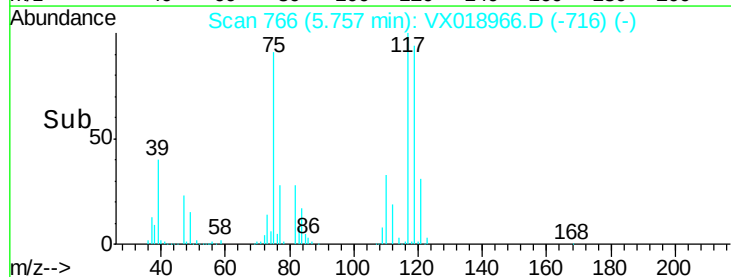
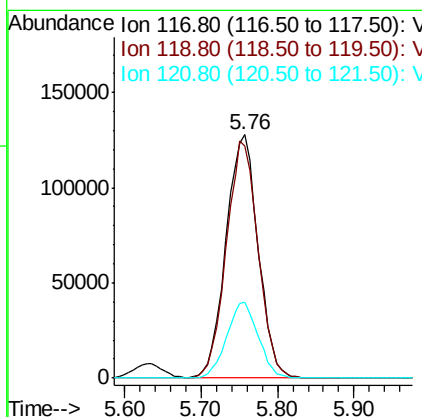
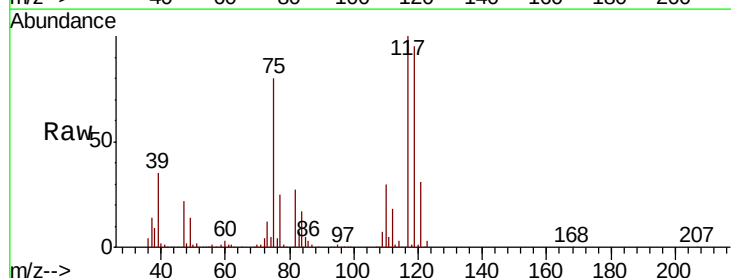
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

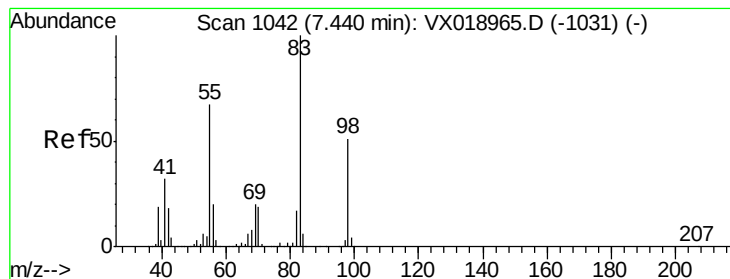
Tot Ion: 43 Resp: 304005
Ion Ratio Lower Upper
43 100
61 16.8 13.8 20.8
70 14.4 11.2 16.8



#38
Carbon Tetrachloride
Concen: 104.035 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion: 117 Resp: 369894
Ion Ratio Lower Upper
117 100
119 95.1 74.2 111.4
121 31.1 24.2 36.2





#39

Methylvlcyclohexane

Concen: 103.634 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

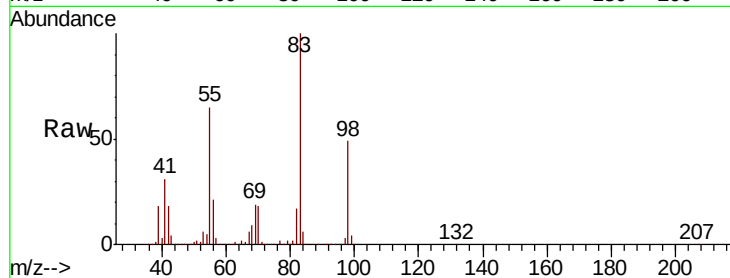
Tot Ion: 83 Resp: 386291

Ion Ratio Lower Upper

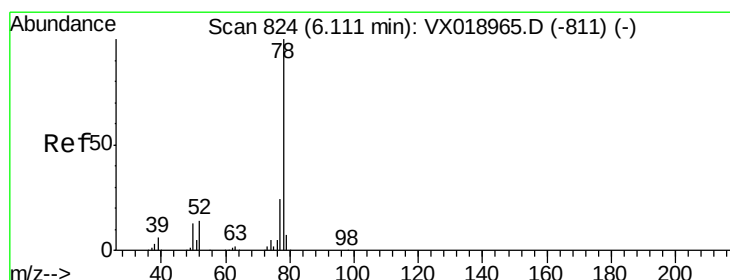
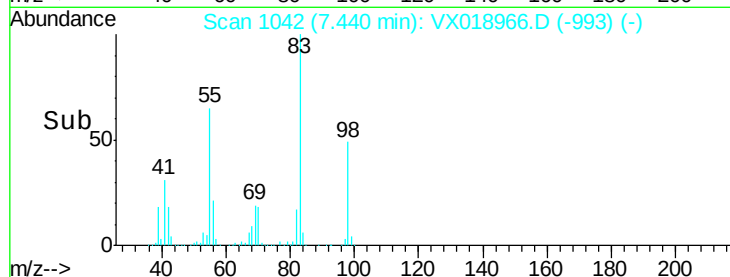
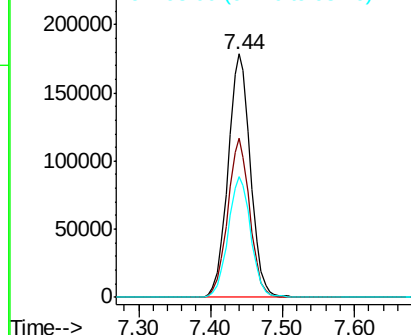
83 100

55 65.1 53.6 80.4

98 49.5 41.0 61.6



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 102.349 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018966.D

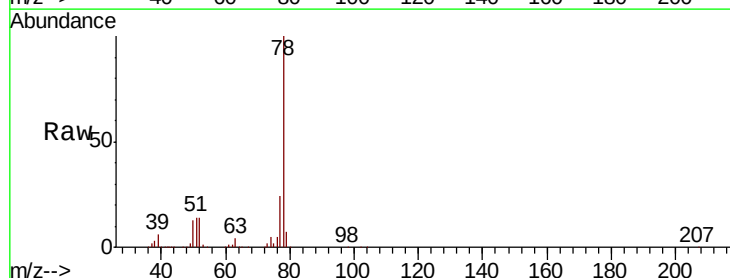
Acq: 20 Oct 2020 11:37

Tgt Ion: 78 Resp: 1020088

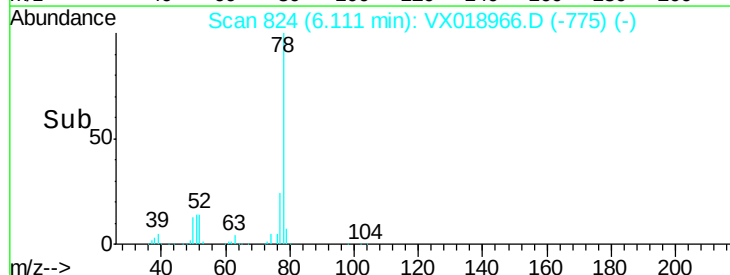
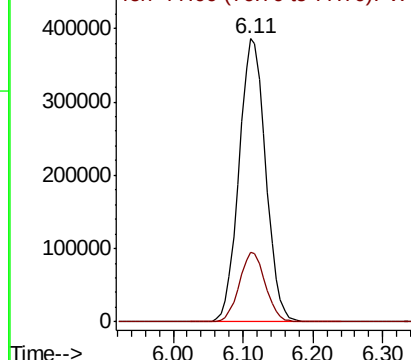
Ion Ratio Lower Upper

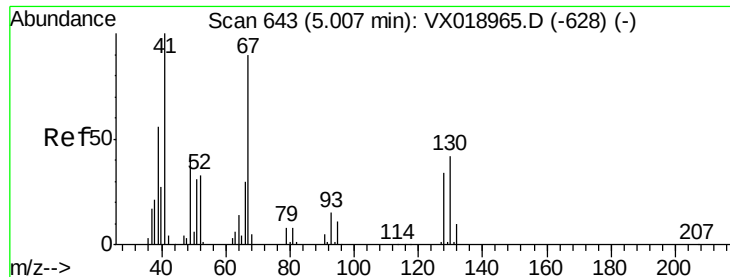
78 100

77 24.4 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

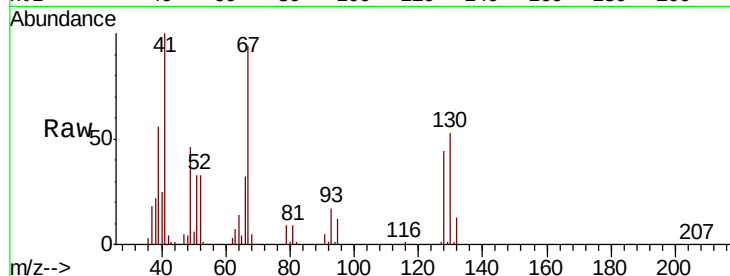




#41
Methacrylonitrile
Concen: 88.779 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion:	41	Resp:	155487
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.4	66.6
67	98.4	75.0	112.4
52	35.1	28.0	42.0



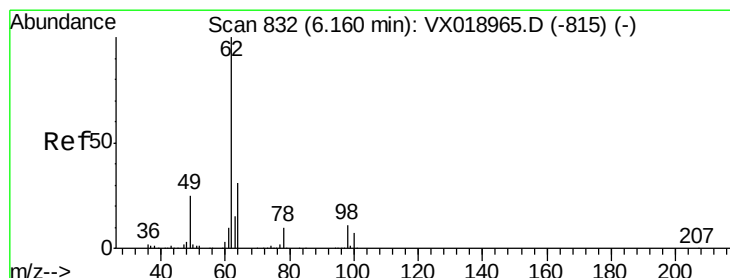
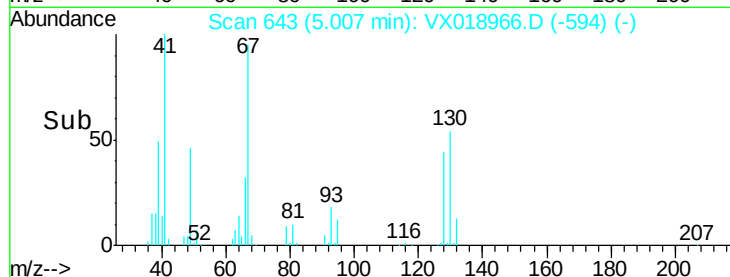
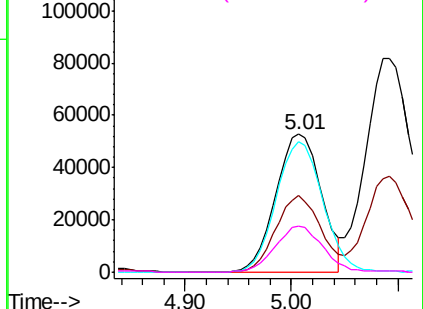
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

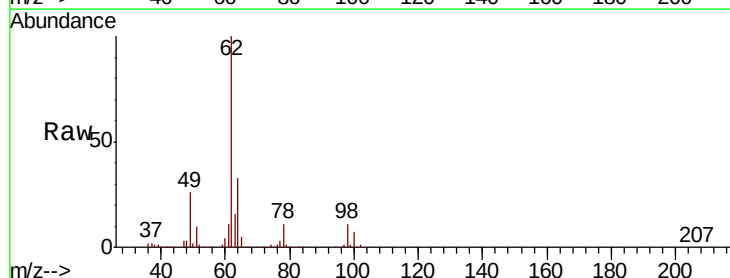
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 99.668 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

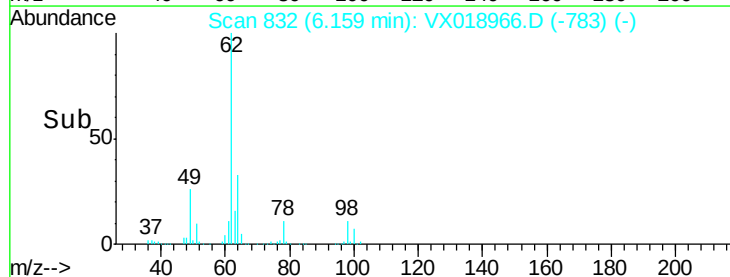
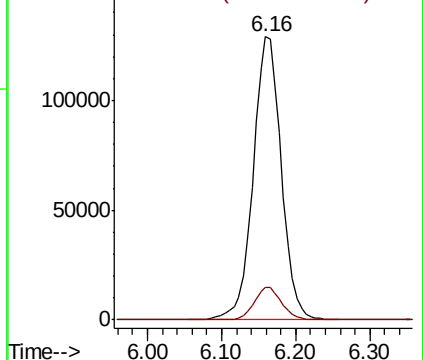
Tgt Ion:	62	Resp:	340580
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.4

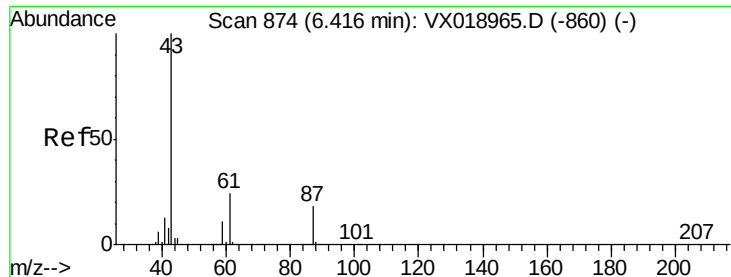


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 91.434 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

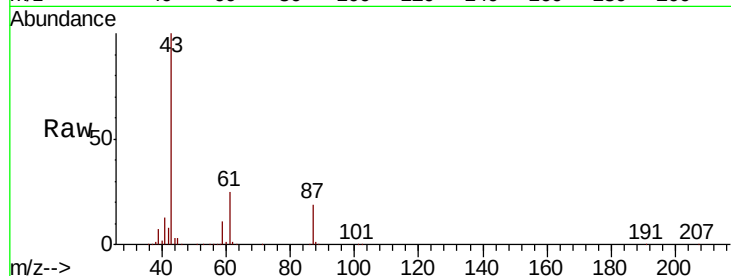
Tot Ion: 43 Resp: 499703

Ion Ratio Lower Upper

43 100

61 24.7 19.2 28.8

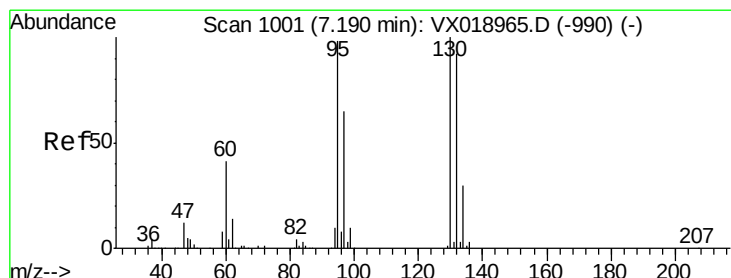
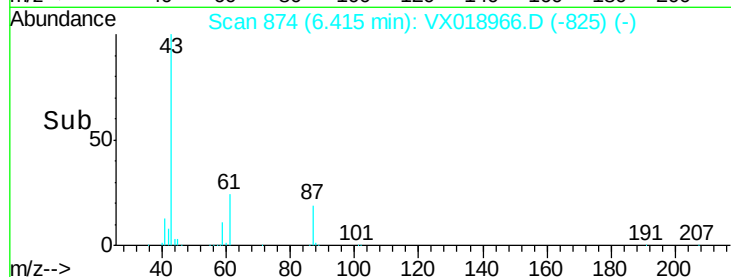
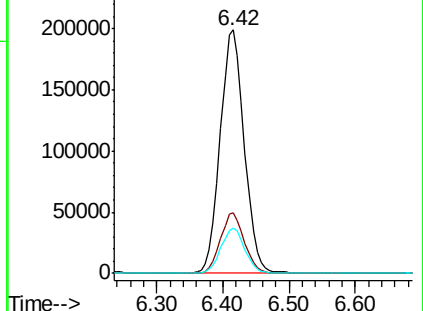
87 18.6 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 103.937 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018966.D

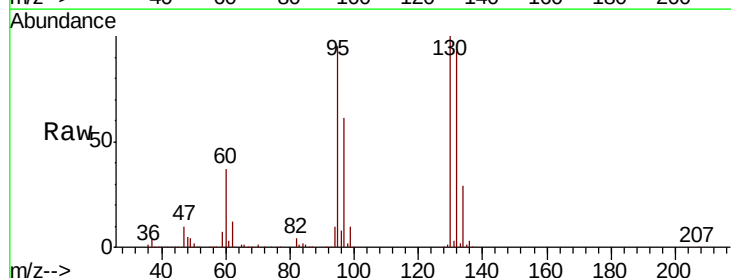
Acq: 20 Oct 2020 11:37

Tgt Ion:130 Resp: 287076

Ion Ratio Lower Upper

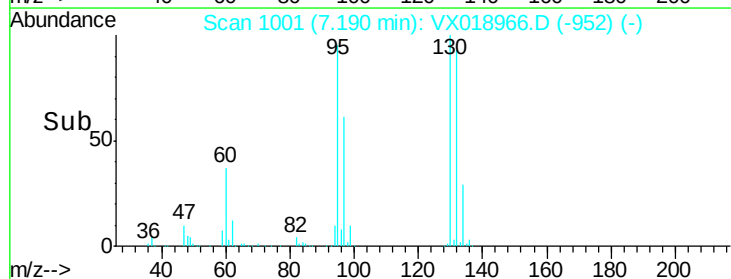
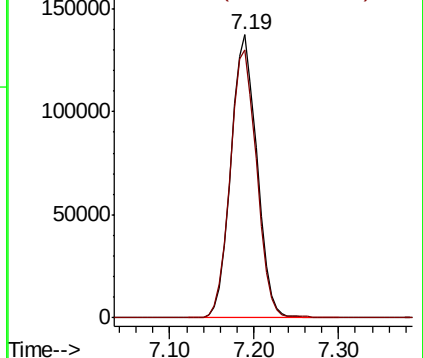
130 100

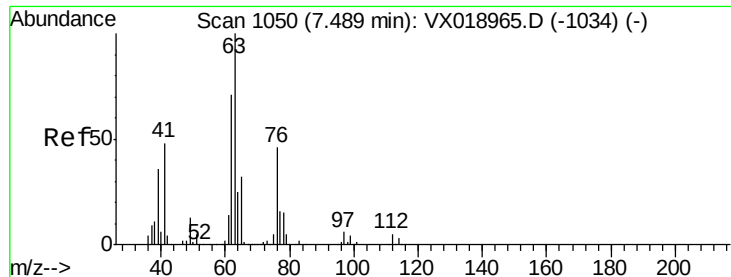
95 94.8 0.0 195.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 97.942 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

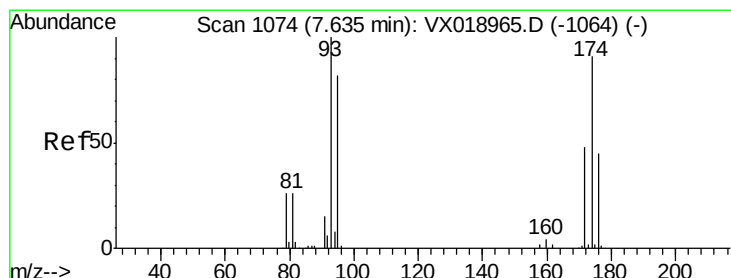
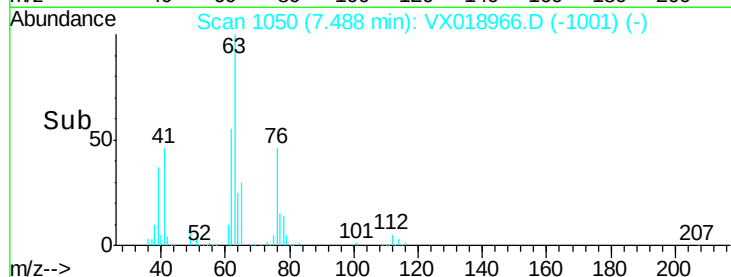
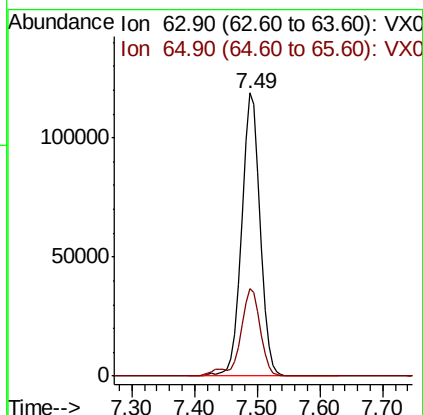
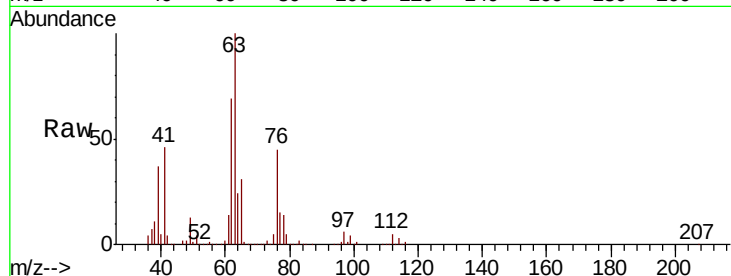
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 63 Resp: 241321

Ion Ratio Lower Upper

63 100

65 31.1 25.8 38.6



#46

Dibromomethane

Concen: 104.153 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

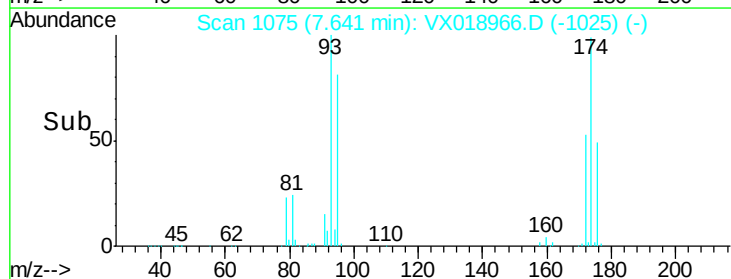
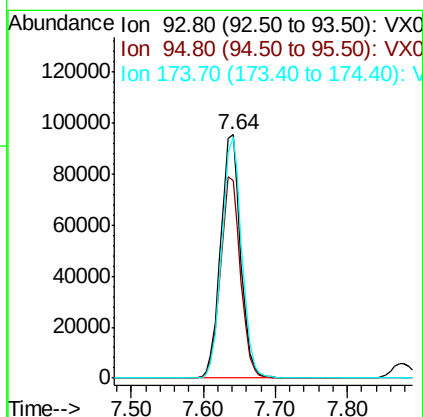
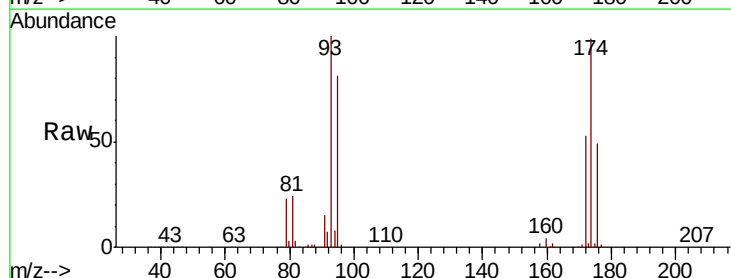
Tgt Ion: 93 Resp: 183995

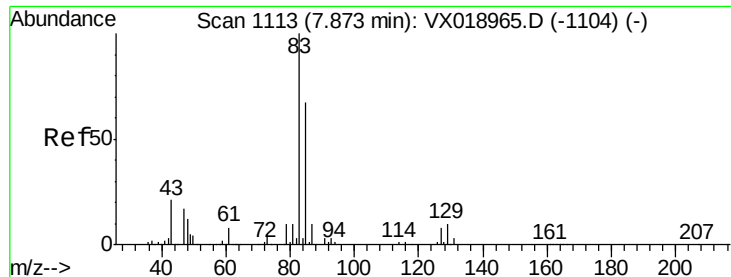
Ion Ratio Lower Upper

93 100

95 82.9 65.7 98.5

174 99.3 75.4 113.2

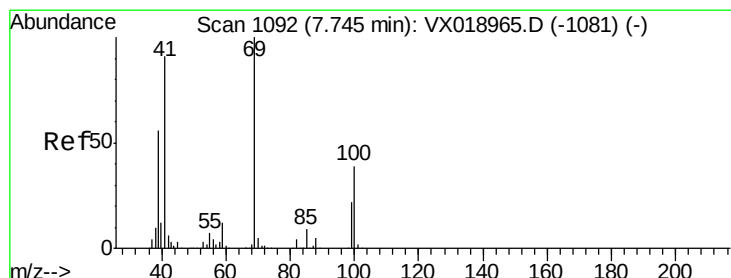
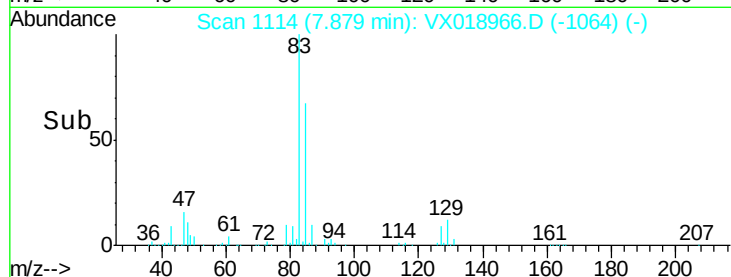
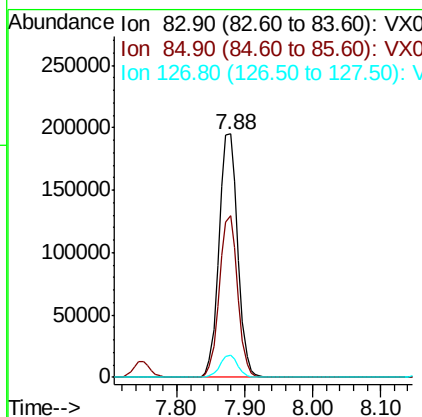
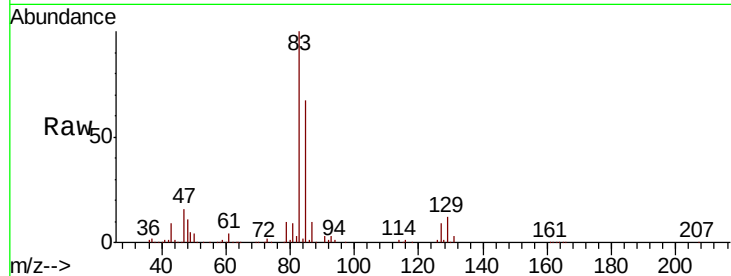




#47
 Bromodichloromethane
 Concen: 103.942 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

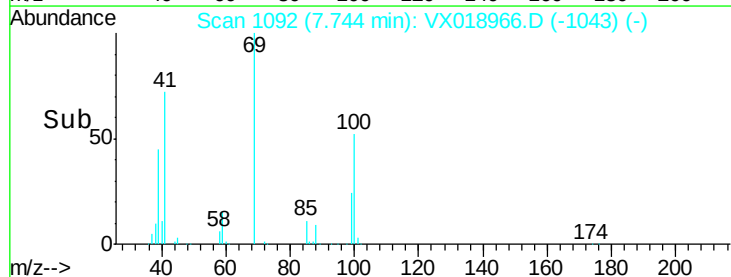
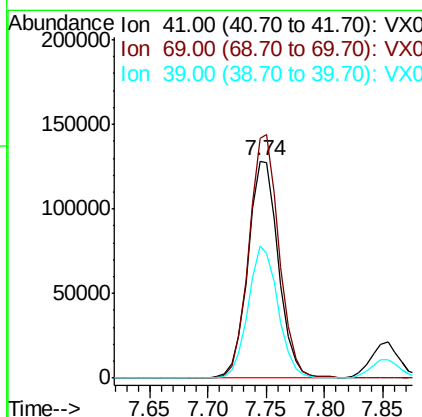
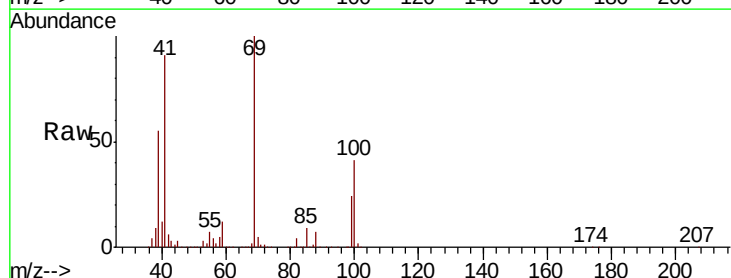
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

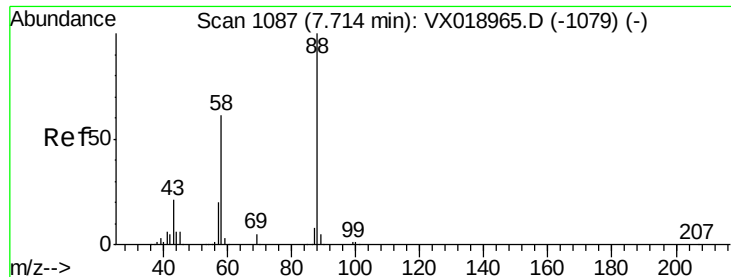
Tot Ion: 83 Resp: 370620
 Ion Ratio Lower Upper
 83 100
 85 66.6 53.8 80.6
 127 8.9 6.5 9.7



#48
 Methyl methacrylate
 Concen: 91.936 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

Tgt Ion: 41 Resp: 233177
 Ion Ratio Lower Upper
 41 100
 69 111.3 85.8 128.6
 39 59.8 49.0 73.4

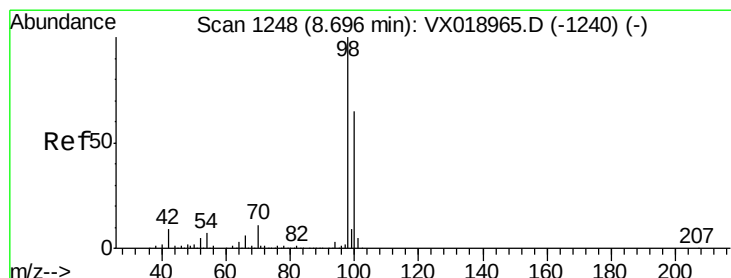
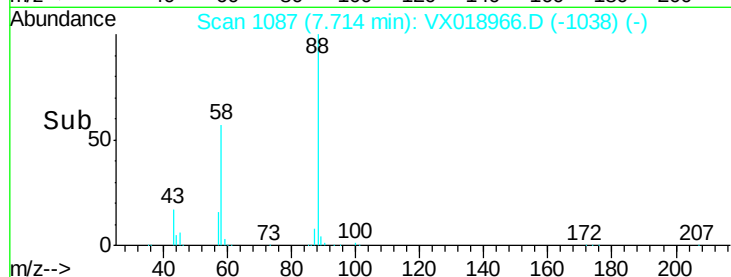
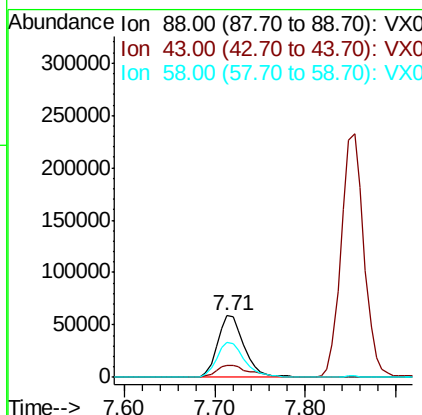
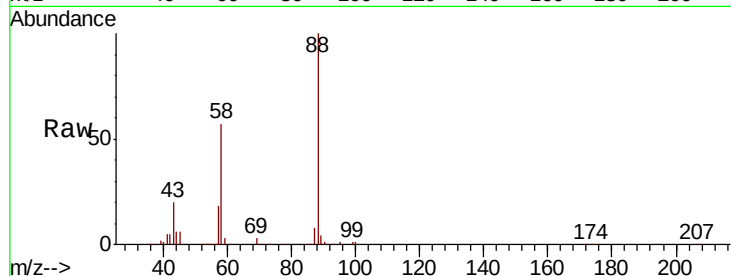




#49
 1,4-Dioxane
 Concen: 2070.687 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

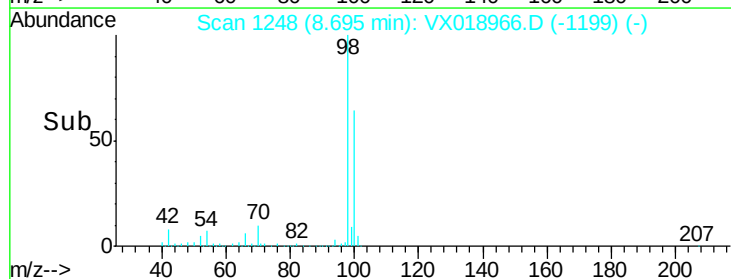
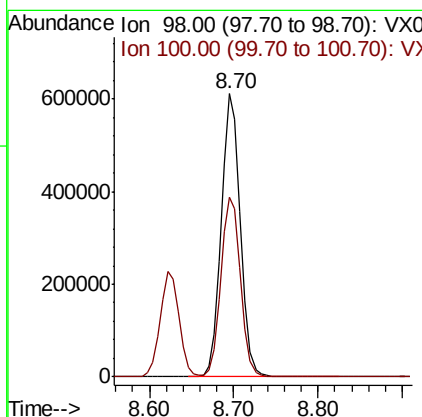
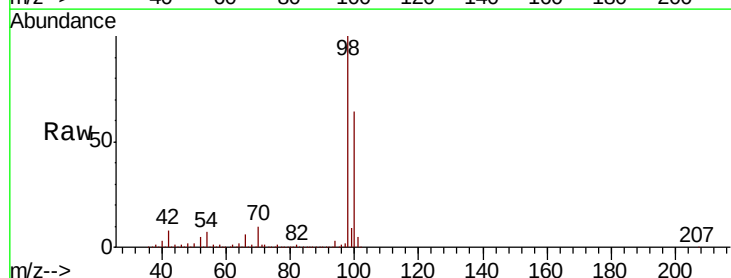
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

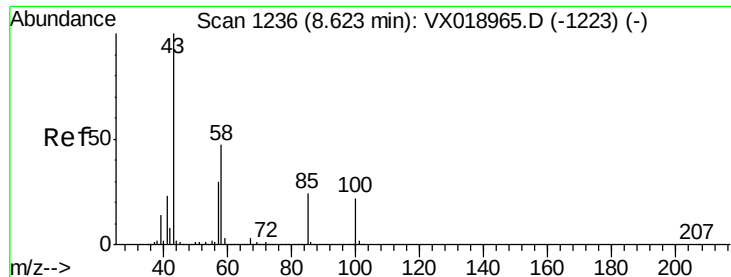
Tot Ion: 88 Resp: 120227
 Ion Ratio Lower Upper
 88 100
 43 24.7 21.0 31.6
 58 60.0 50.1 75.1



#50
 Toluene-d8
 Concen: 108.003 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

Tgt Ion: 98 Resp: 952430
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.6 78.8

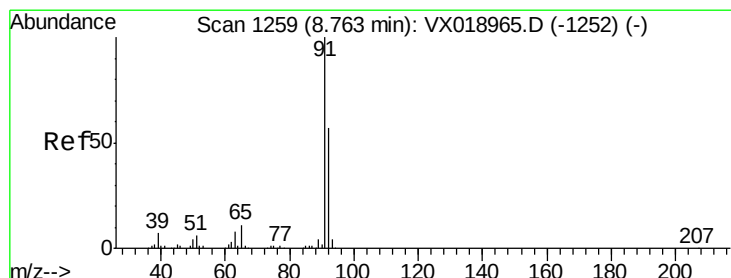
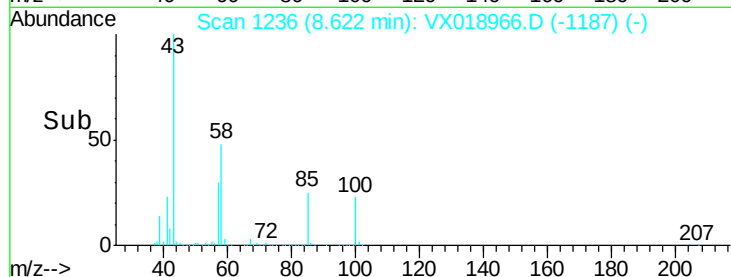
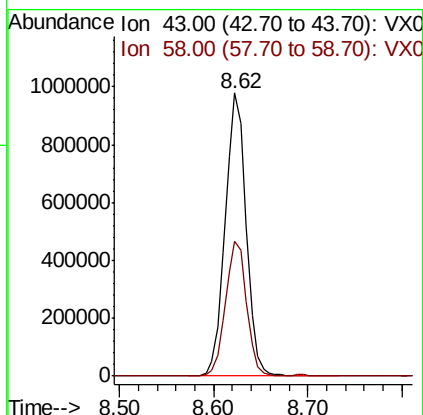
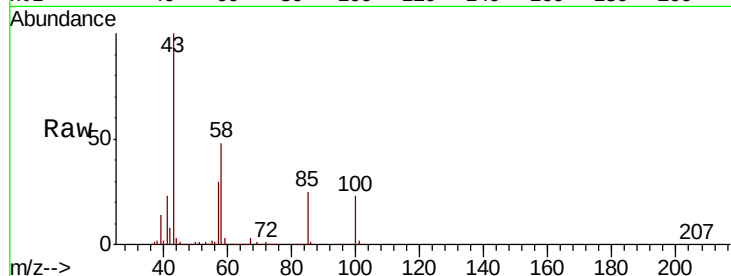




#51
 4-Methyl-2-Pentanone
 Concen: 473.983 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

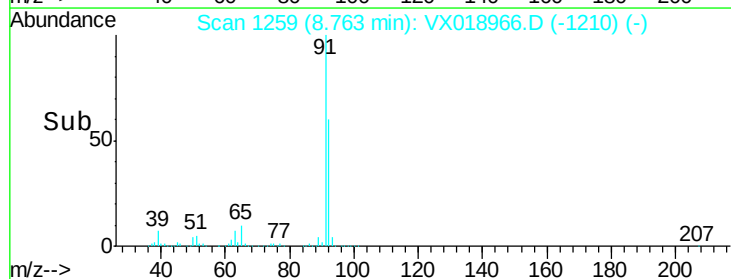
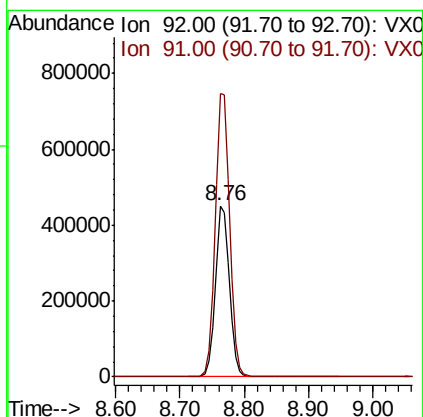
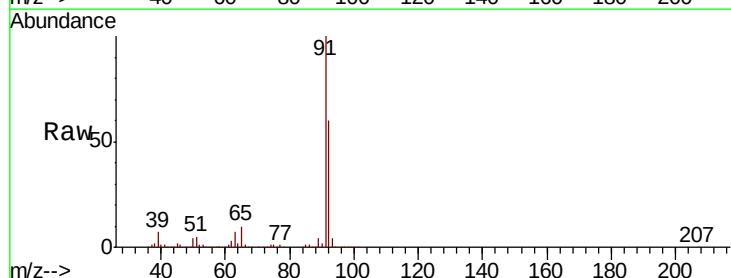
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

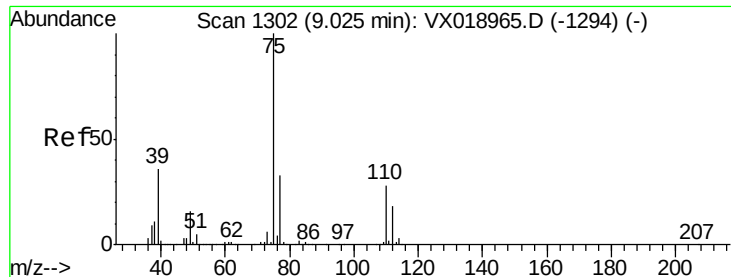
Tot Ion: 43 Resp: 1506743
 Ion Ratio Lower Upper
 43 100
 58 48.0 37.2 55.8



#52
 Toluene
 Concen: 107.345 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

Tgt Ion: 92 Resp: 693098
 Ion Ratio Lower Upper
 92 100
 91 170.0 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 104.002 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

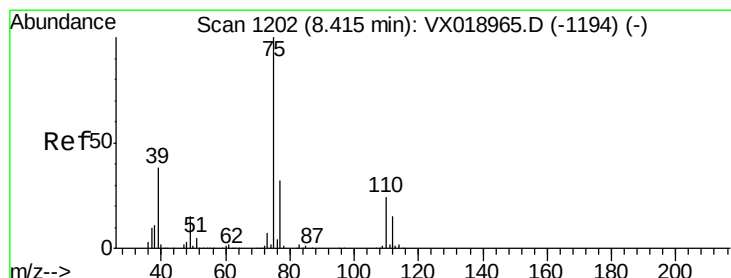
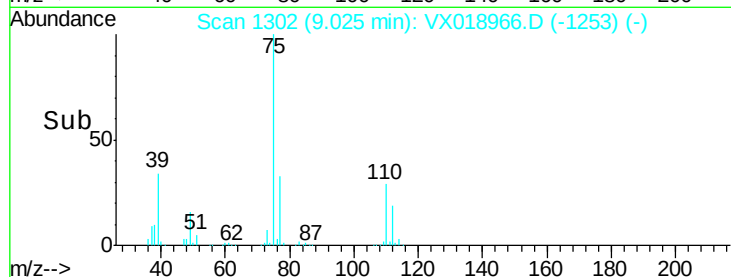
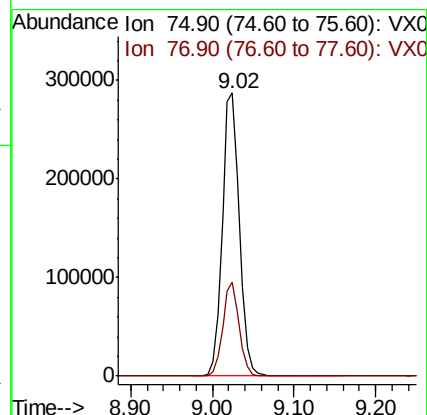
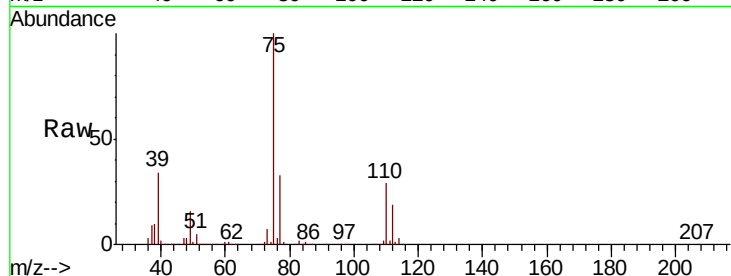
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 75 Resp: 421239

Ion Ratio Lower Upper

75 100

77 33.1 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 103.466 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

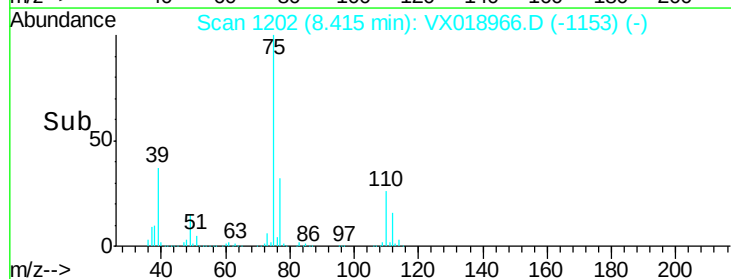
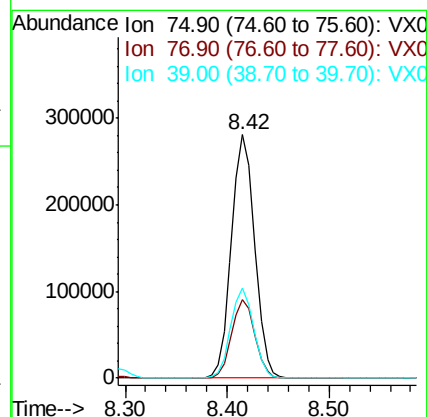
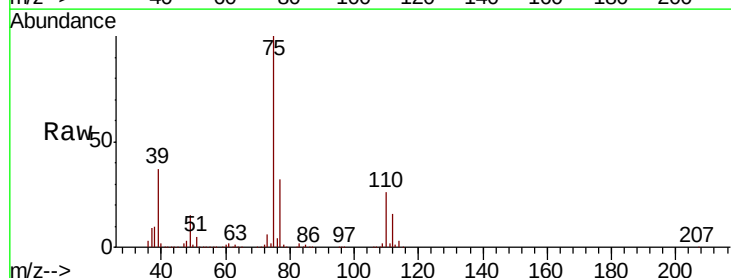
Tgt Ion: 75 Resp: 442115

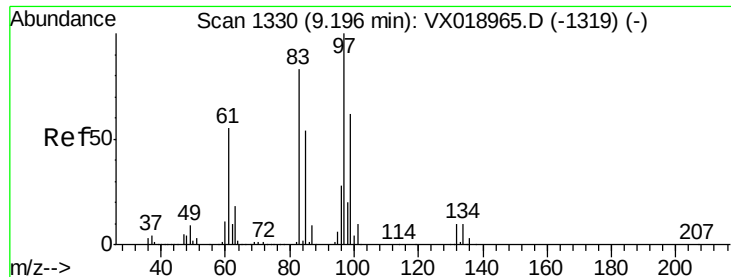
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 36.9 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 108.599 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

Tot Ion: 97 Resp: 274828

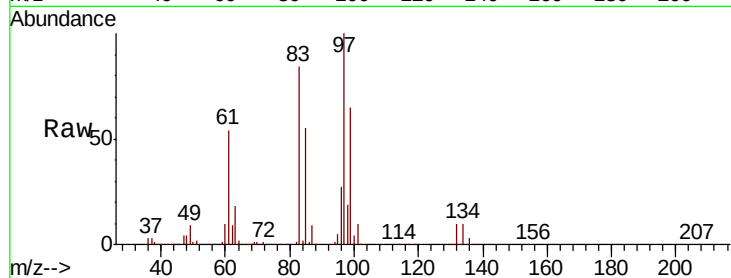
Ion Ratio Lower Upper

97 100

83 84.2 66.6 99.8

85 55.1 43.1 64.7

99 64.7 50.1 75.1

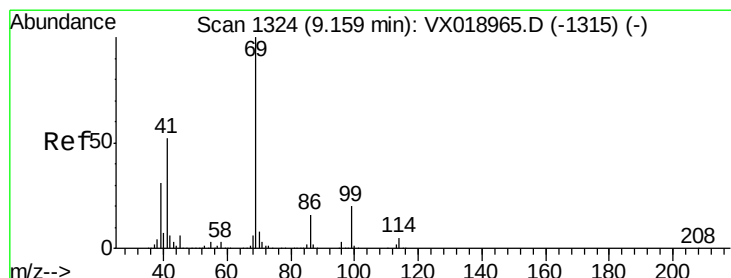
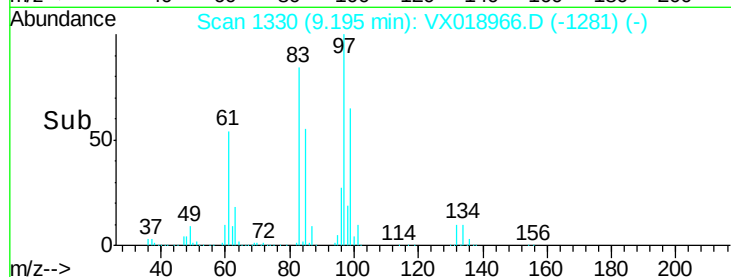
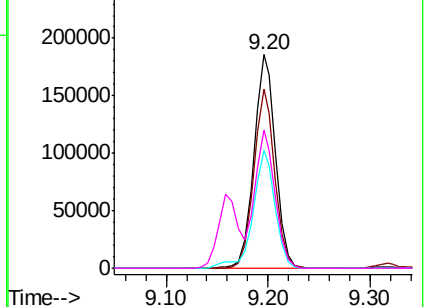


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 105.461 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

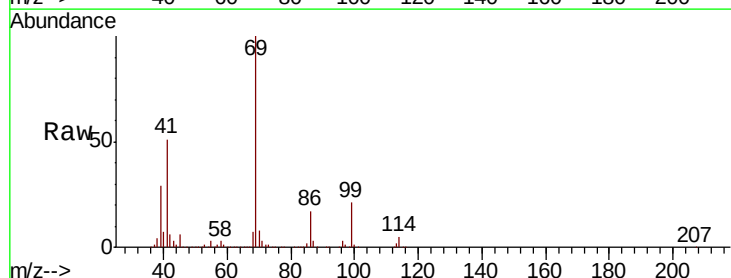
Tgt Ion: 69 Resp: 408575

Ion Ratio Lower Upper

69 100

41 49.6 41.0 61.4

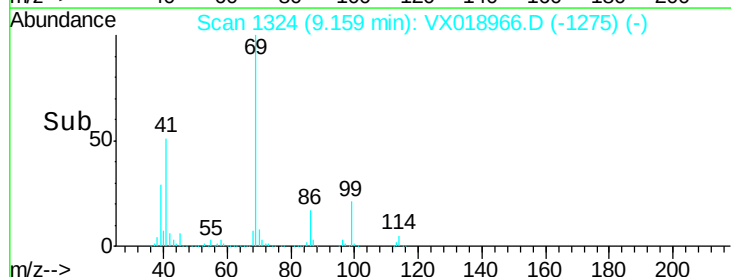
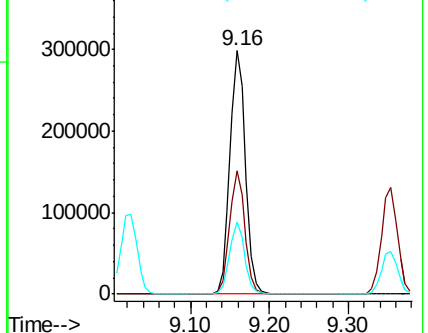
39 28.6 24.4 36.6

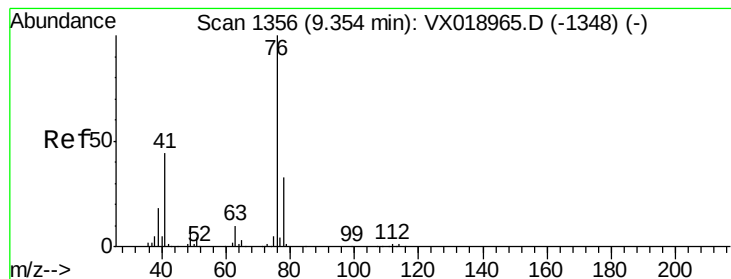


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 102.799 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

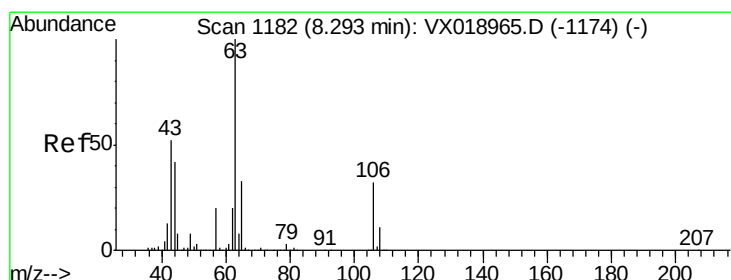
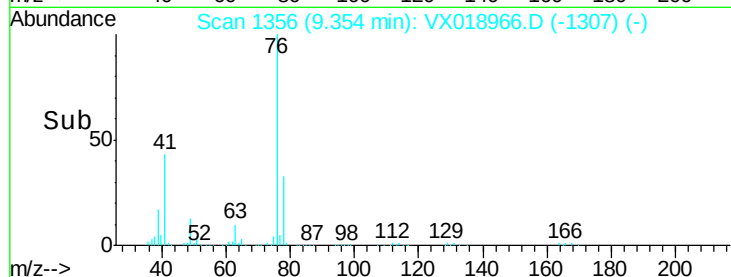
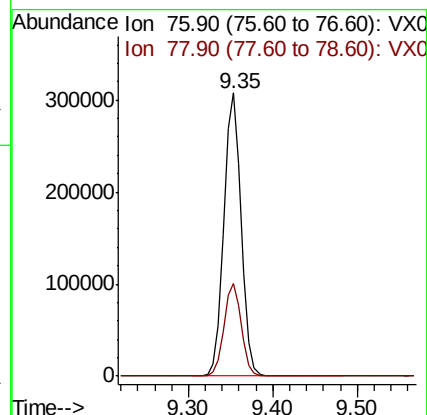
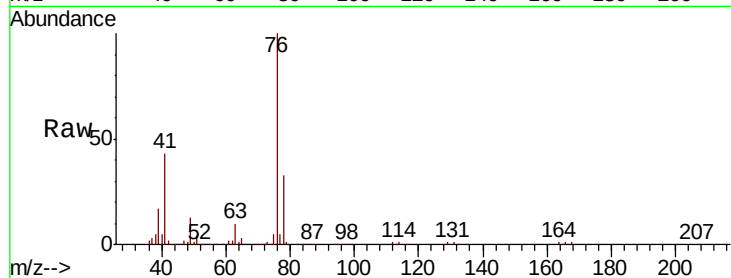
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 76 Resp: 437368

Ion Ratio Lower Upper

76 100

78 32.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 484.537 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018966.D

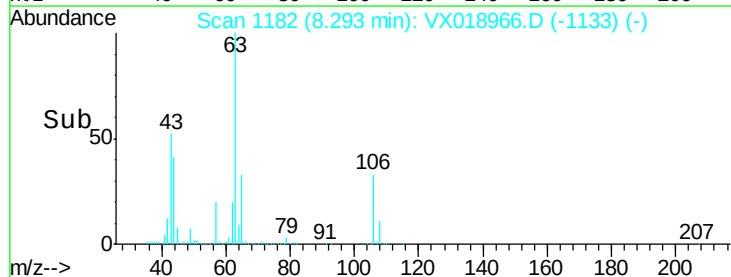
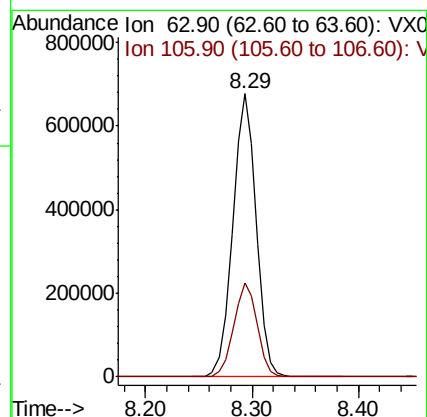
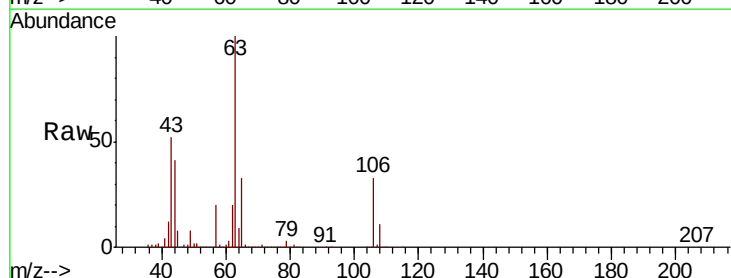
Acq: 20 Oct 2020 11:37

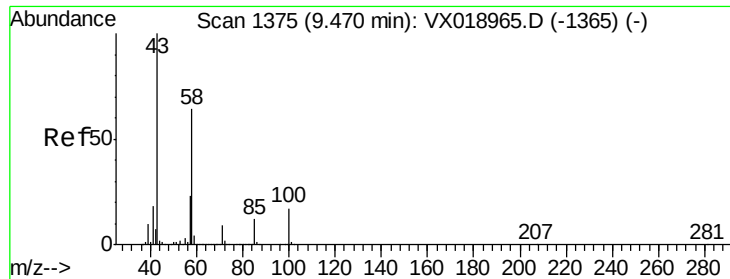
Tgt Ion: 63 Resp: 1039061

Ion Ratio Lower Upper

63 100

106 33.5 25.0 37.6

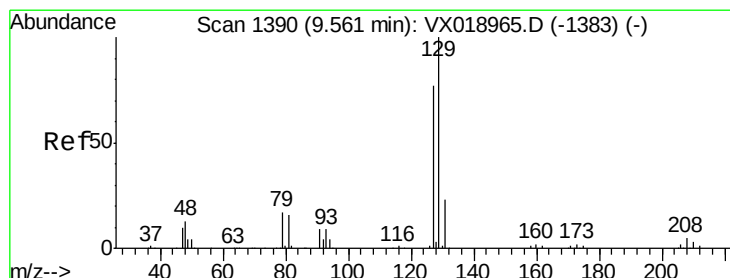
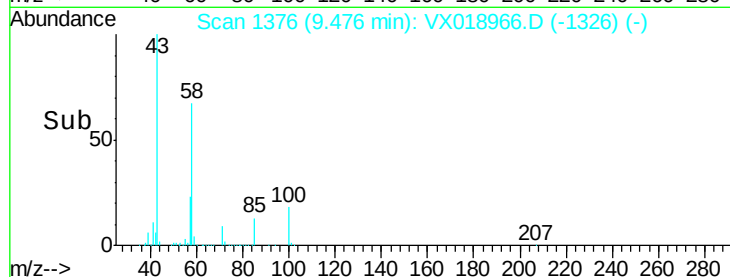
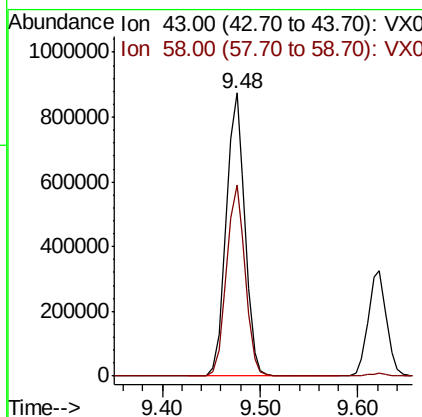
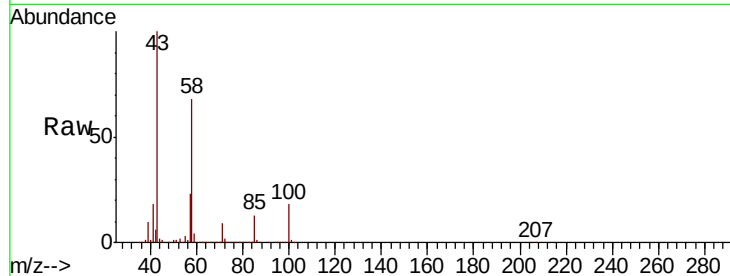




#59
2-Hexanone
Concen: 479.719 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

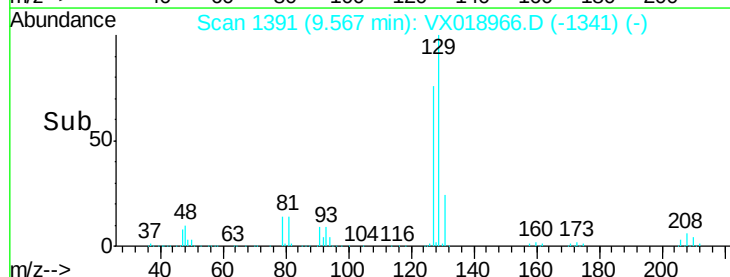
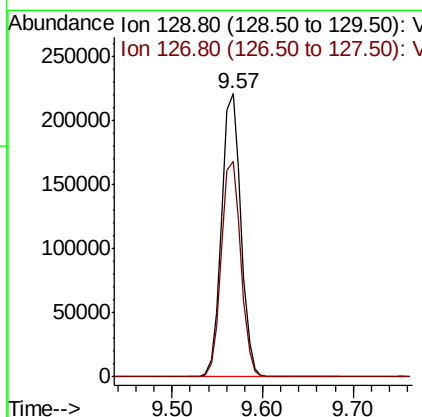
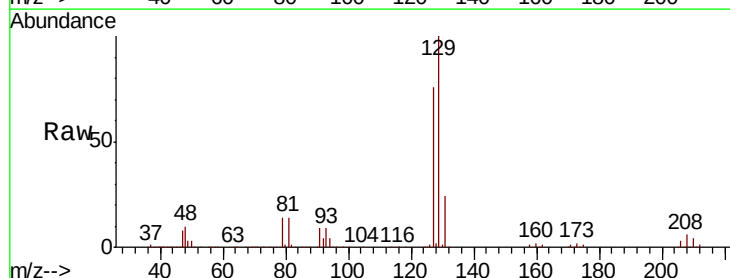
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

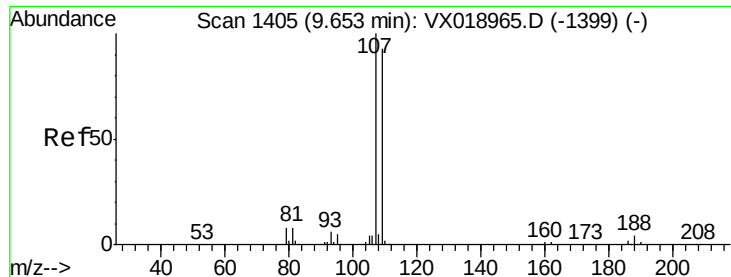
Tot Ion: 43 Resp: 1157299
Ion Ratio Lower Upper
43 100
58 67.6 32.6 98.0



#60
Dibromochloromethane
Concen: 117.654 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion: 129 Resp: 328055
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8





#61

1,2-Dibromoethane

Concen: 110.116 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

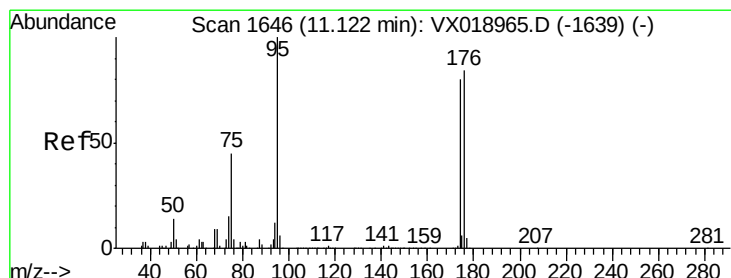
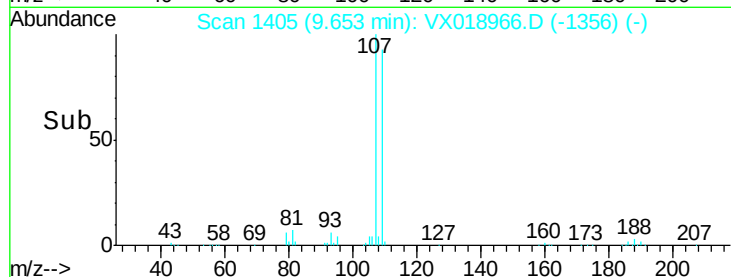
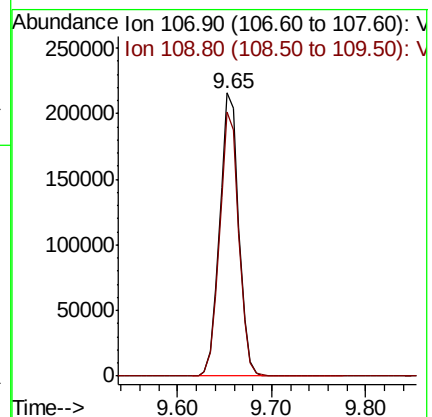
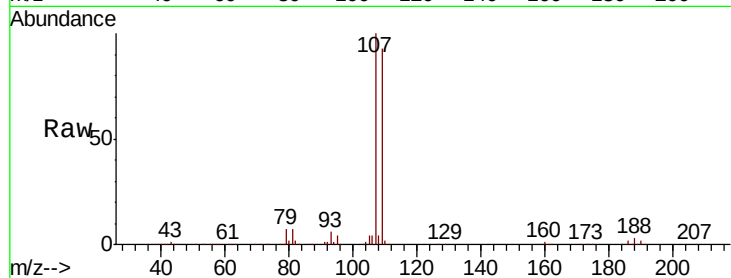
LOD-MDL-WATER-01-QT4-2020

Tot Ion:107 Resp: 301936

Ion Ratio Lower Upper

107 100

109 93.8 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 111.718 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

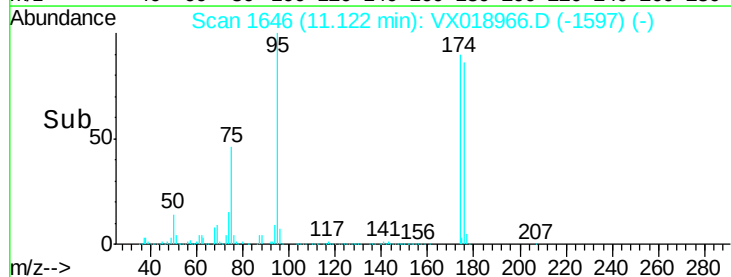
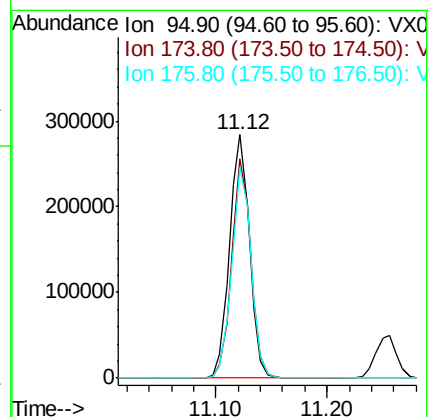
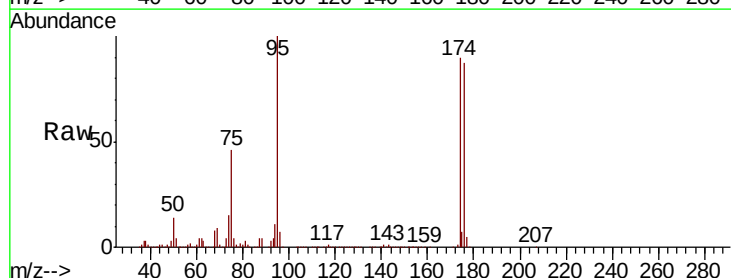
Tgt Ion: 95 Resp: 351092

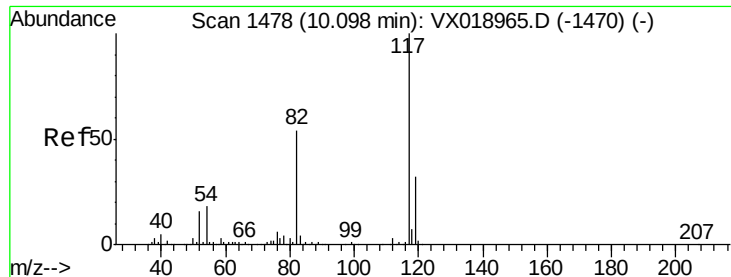
Ion Ratio Lower Upper

95 100

174 86.6 0.0 157.0

176 84.0 0.0 158.2

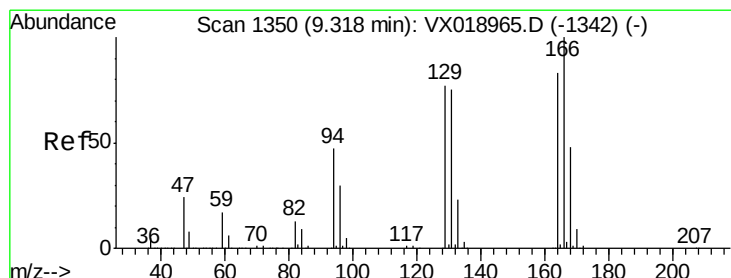
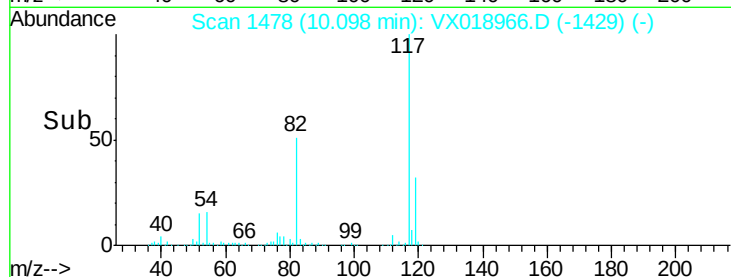
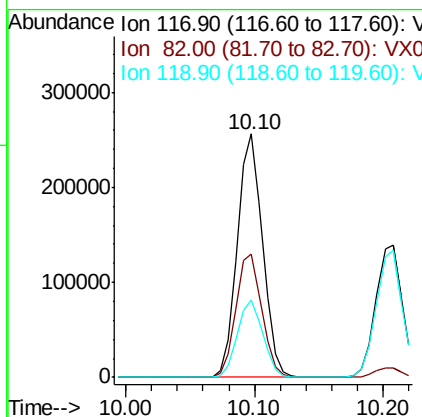
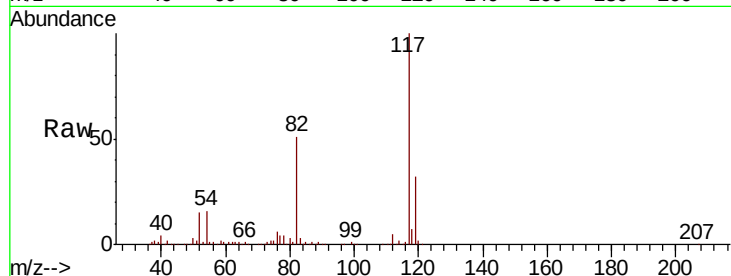




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

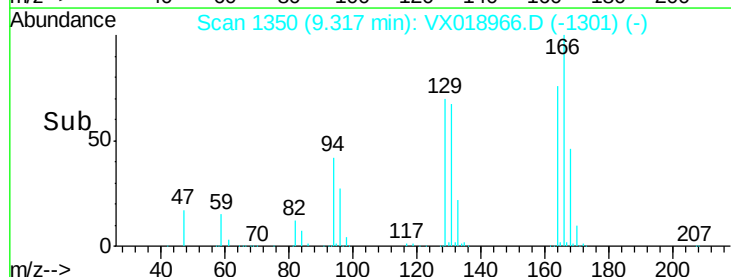
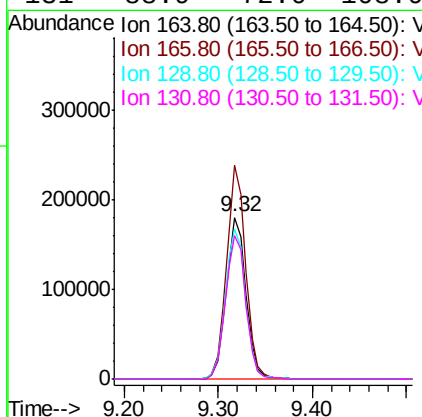
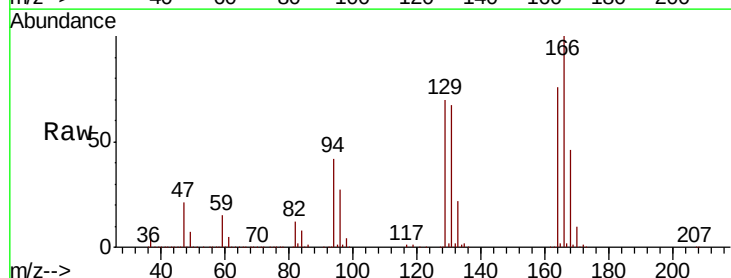
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

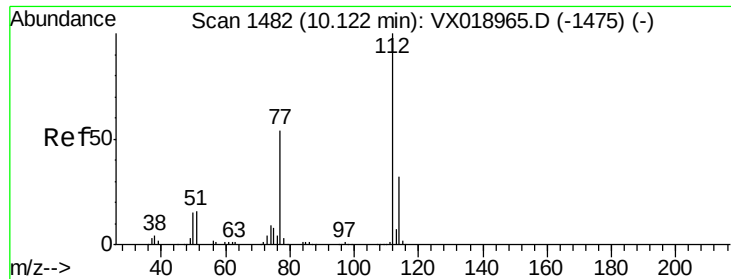
Tot Ion:117 Resp: 349355
Ion Ratio Lower Upper
117 100
82 50.7 42.8 64.2
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 105.132 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion:164 Resp: 261806
Ion Ratio Lower Upper
164 100
166 132.1 96.6 144.8
129 92.4 74.4 111.6
131 88.9 72.0 108.0





#65

Chlorobenzene

Concen: 104.268 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

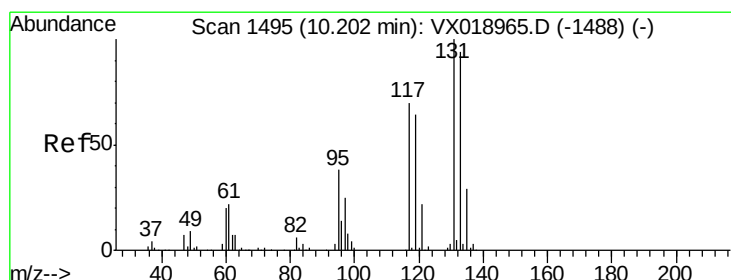
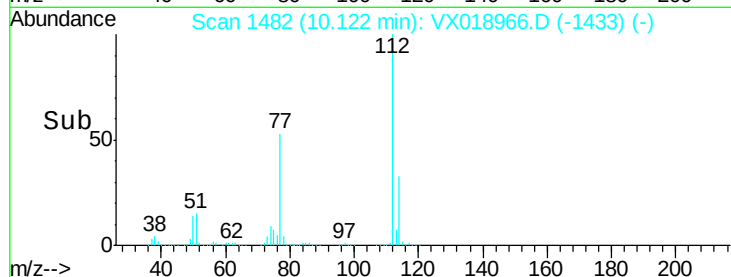
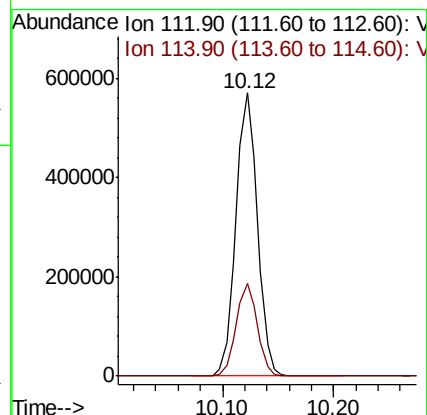
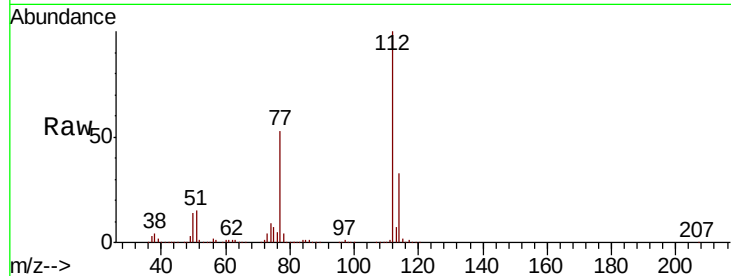
LOD-MDL-WATER-01-QT4-2020

Tot Ion:112 Resp: 763574

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 105.877 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

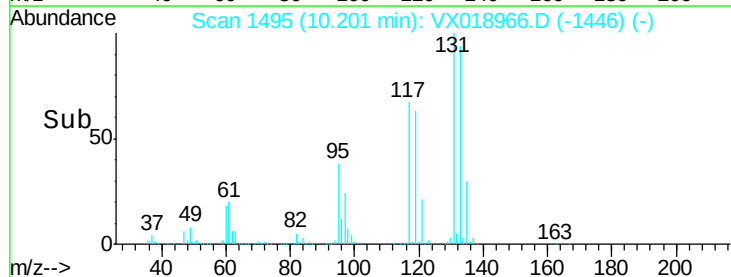
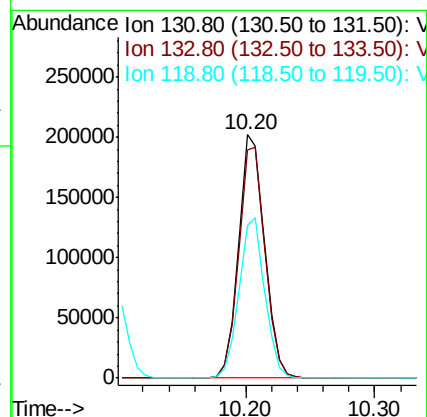
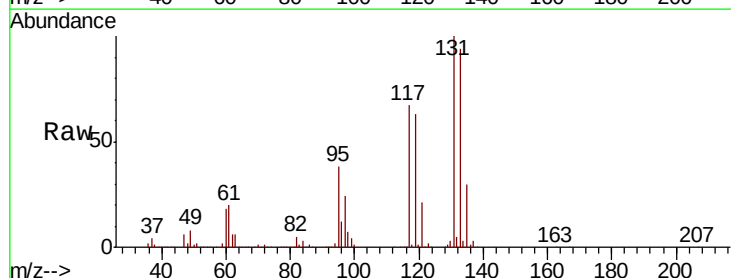
Tgt Ion:131 Resp: 283948

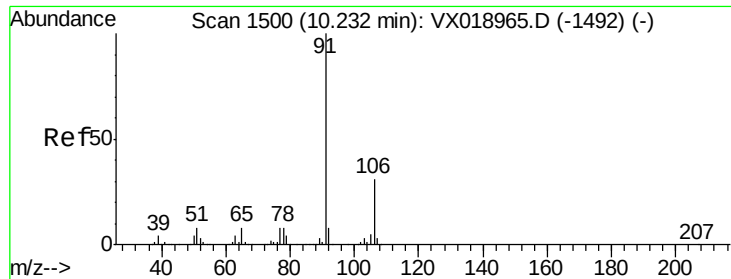
Ion Ratio Lower Upper

131 100

133 96.0 48.1 144.4

119 65.6 33.3 99.8





#67

Ethyl Benzene

Concen: 102.994 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

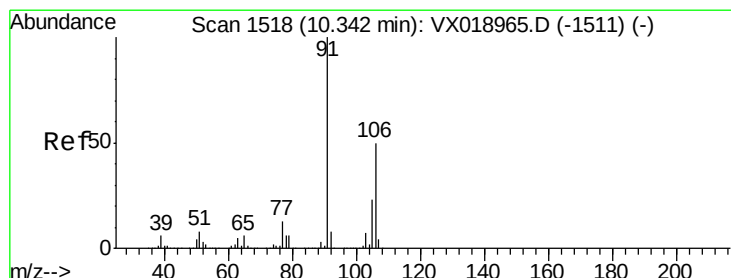
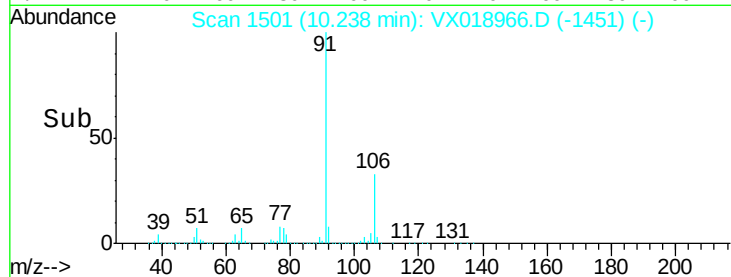
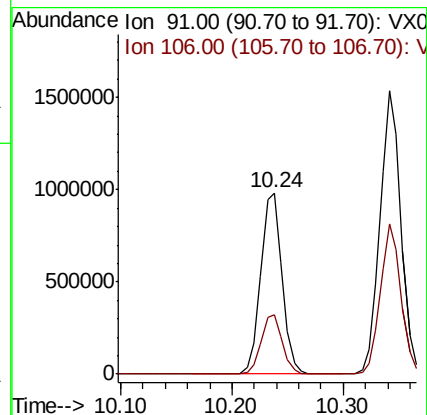
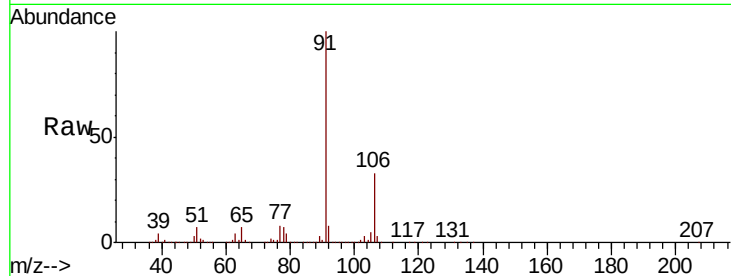
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 91 Resp: 1312759

Ion Ratio Lower Upper

91 100

106 33.0 24.5 36.7



#68

m/p-Xylenes

Concen: 213.680 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018966.D

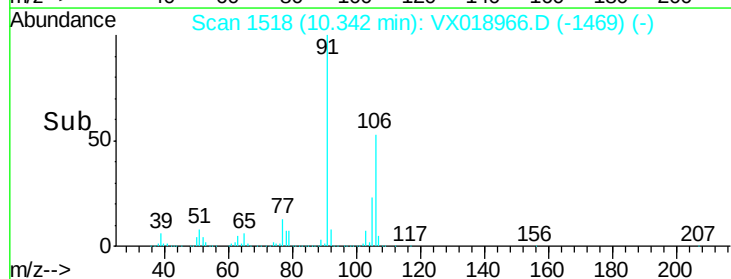
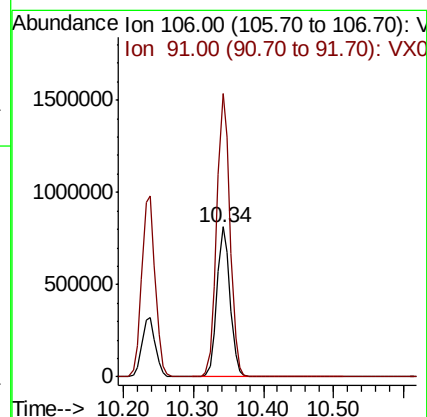
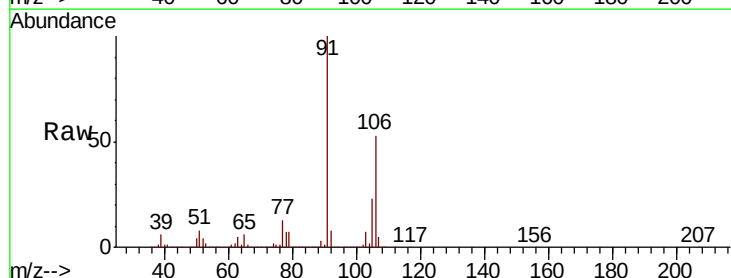
Acq: 20 Oct 2020 11:37

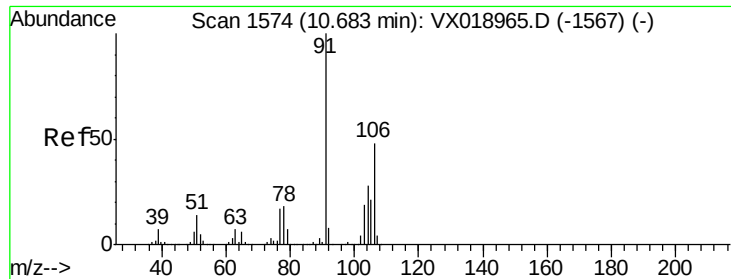
Tgt Ion: 106 Resp: 1058522

Ion Ratio Lower Upper

106 100

91 191.2 158.3 237.5

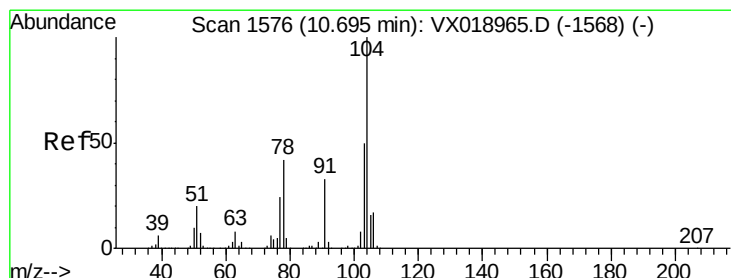
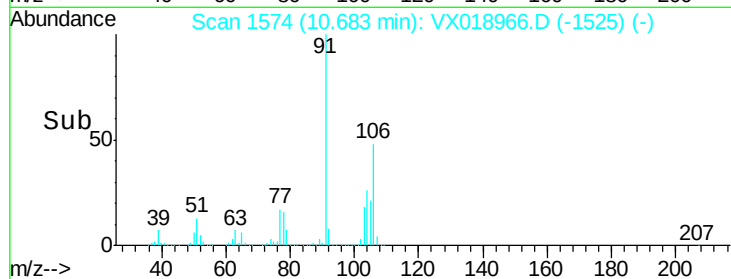
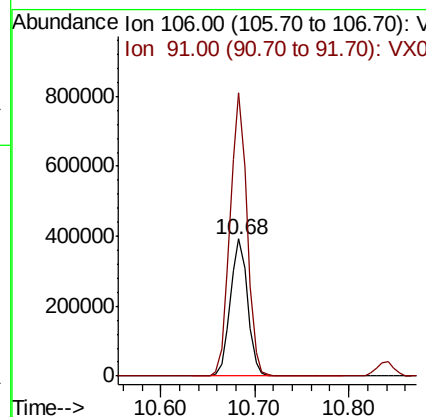
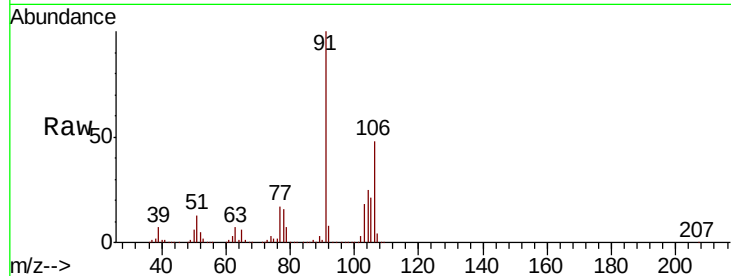




#69
o-Xylene
Concen: 105.094 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

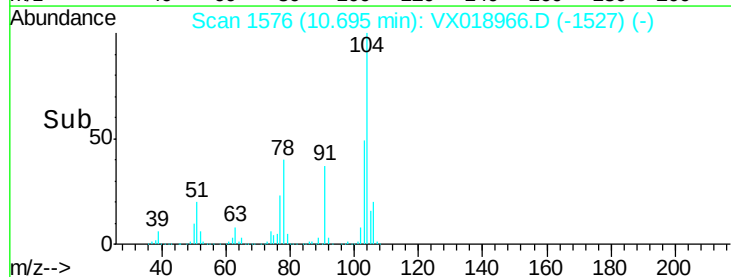
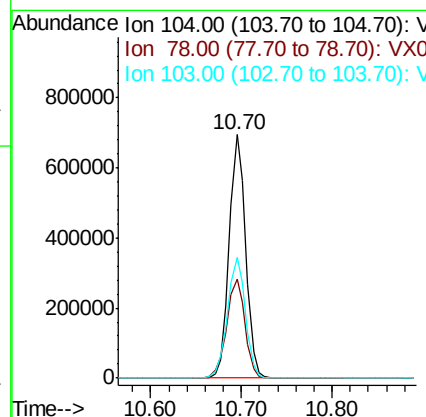
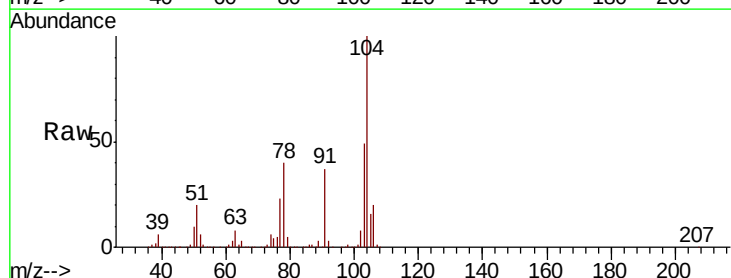
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

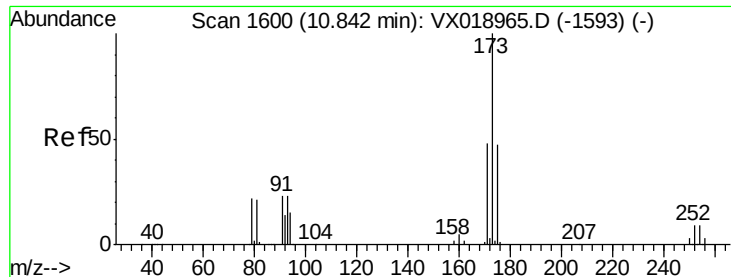
Tot Ion:106 Resp: 500096
Ion Ratio Lower Upper
106 100
91 202.5 103.8 311.6



#70
Styrene
Concen: 109.131 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion:104 Resp: 876367
Ion Ratio Lower Upper
104 100
78 45.4 37.4 56.2
103 54.1 43.5 65.3





#71

Bromoform

Concen: 124.013 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

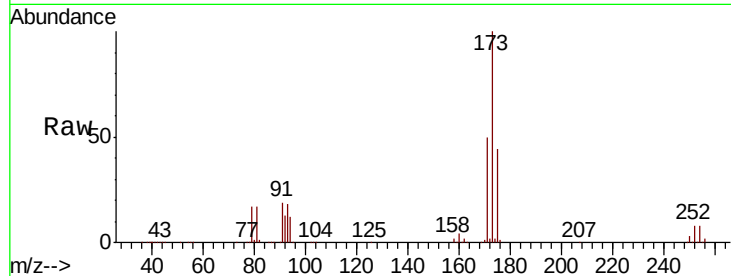
Tot Ion:173 Resp: 265030

Ion Ratio Lower Upper

173 100

175 47.2 24.5 73.5

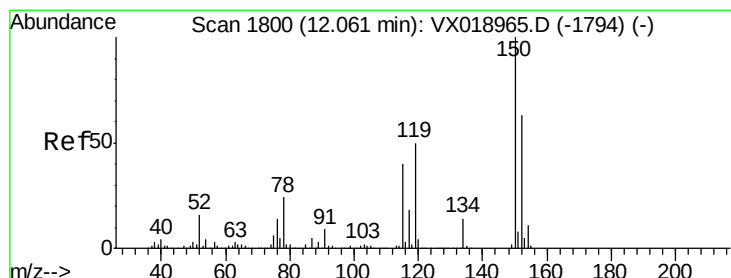
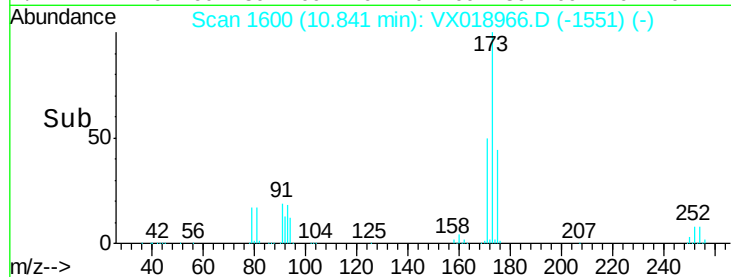
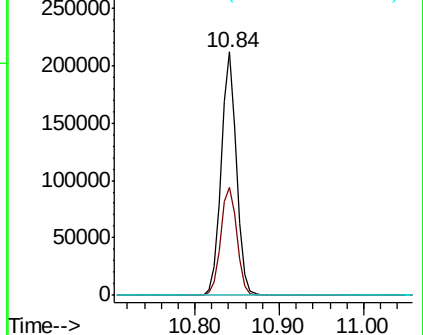
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

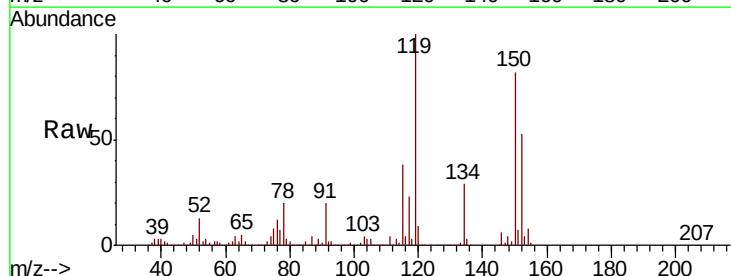
Tgt Ion:152 Resp: 194399

Ion Ratio Lower Upper

152 100

115 103.3 40.7 122.1

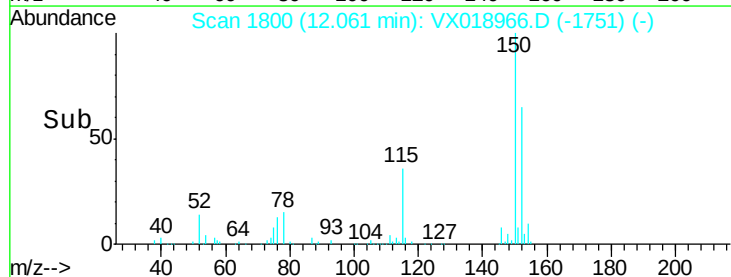
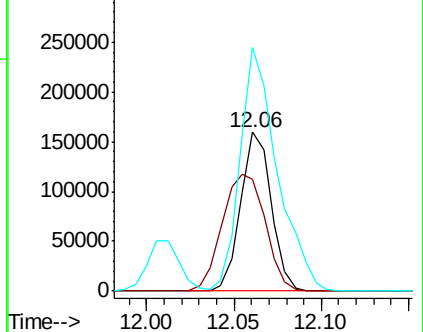
150 185.9 0.0 350.4

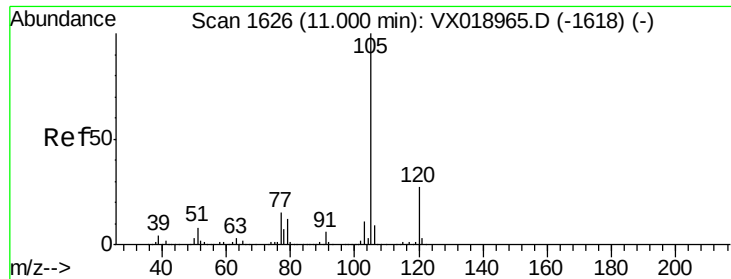


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 94.886 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

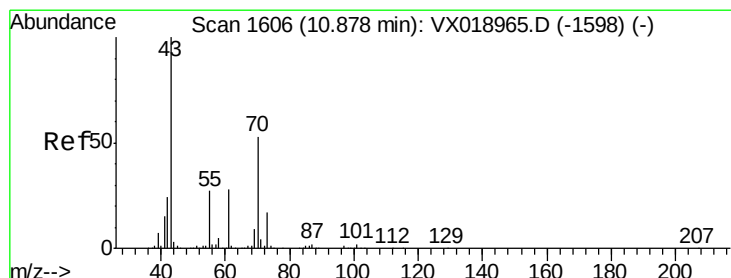
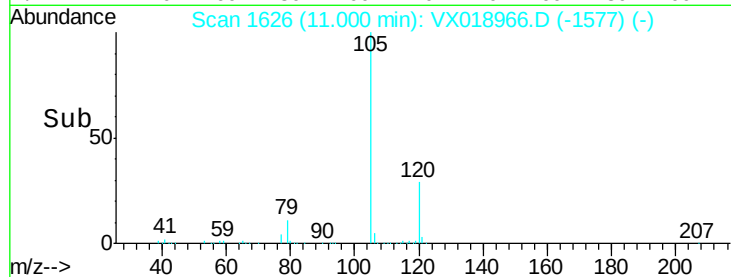
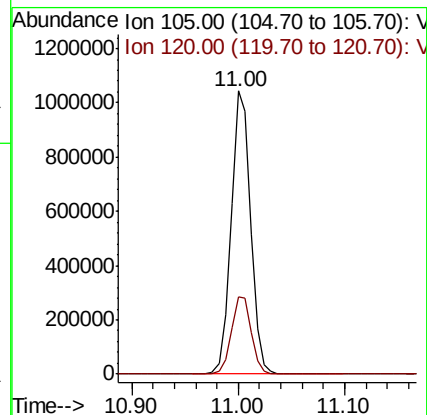
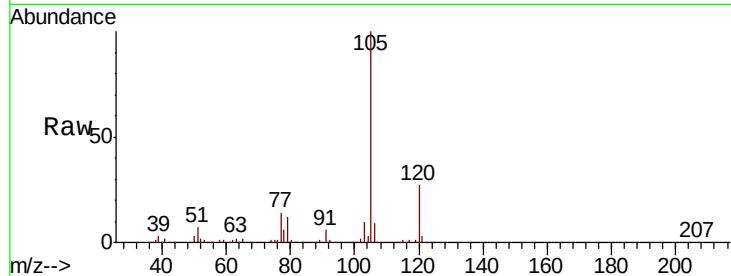
LOD-MDL-WATER-01-QT4-2020

Tot Ion:105 Resp: 1334914

Ion Ratio Lower Upper

105 100

120 28.0 13.5 40.5



#74

N-ethyl acetate

Concen: 81.185 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Tgt Ion: 43 Resp: 424133

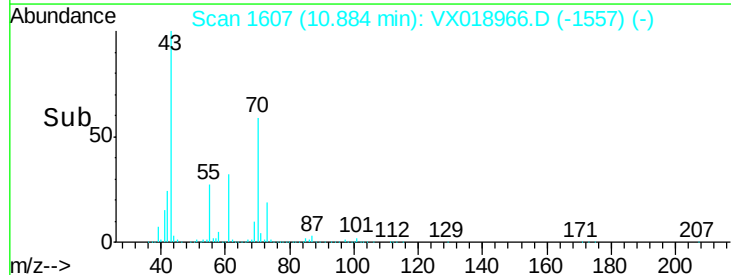
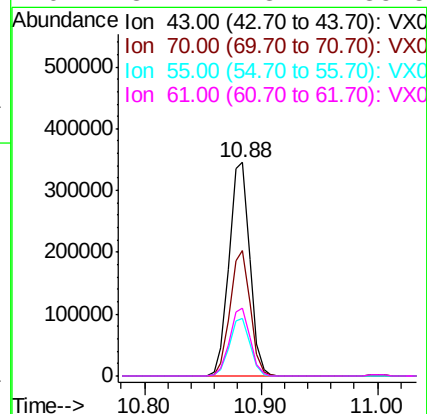
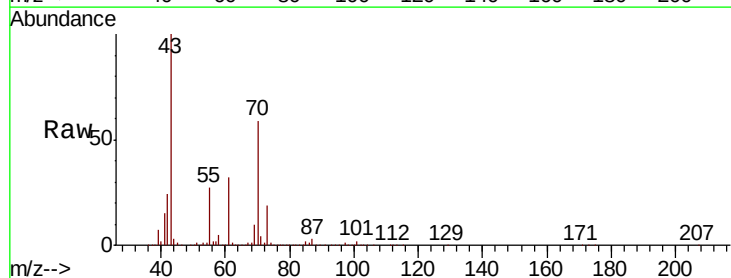
Ion Ratio Lower Upper

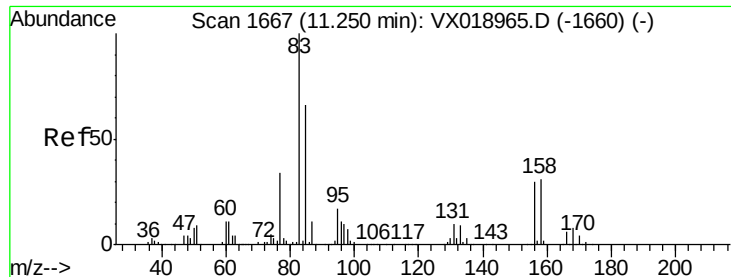
43 100

70 57.4 44.2 66.4

55 27.0 21.9 32.9

61 31.1 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 91.922 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

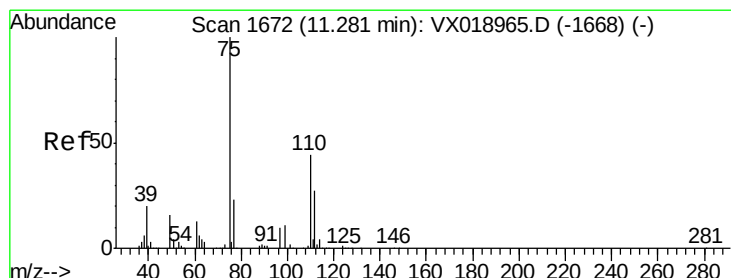
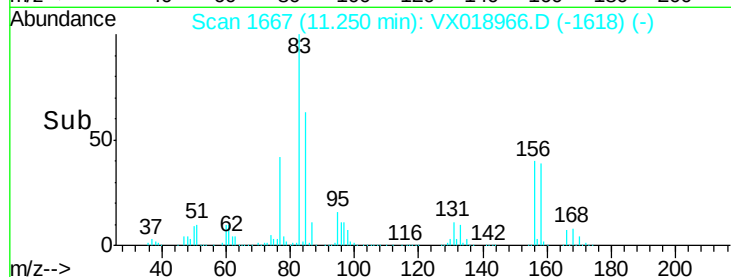
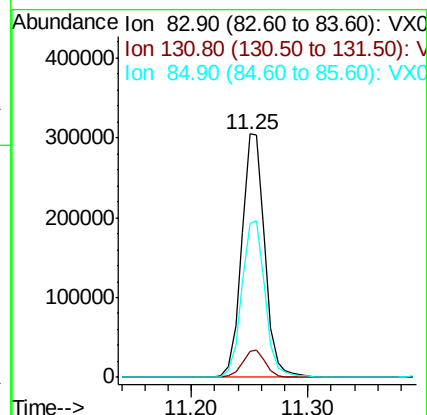
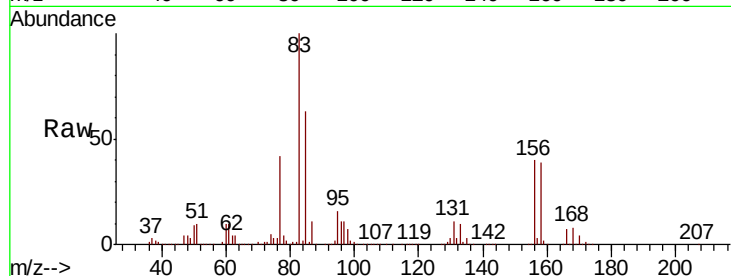
Tot Ion: 83 Resp: 419283

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.4

85 64.9 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 116.350 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018966.D

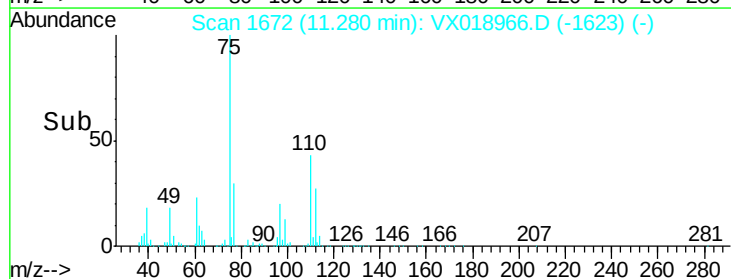
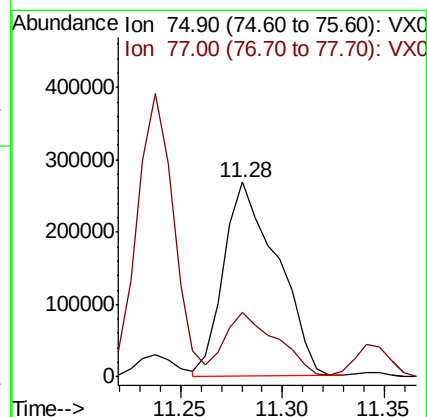
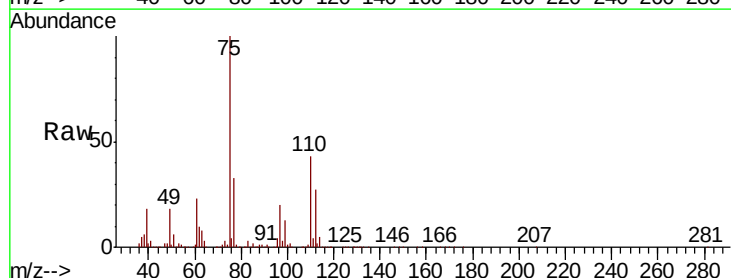
Acq: 20 Oct 2020 11:37

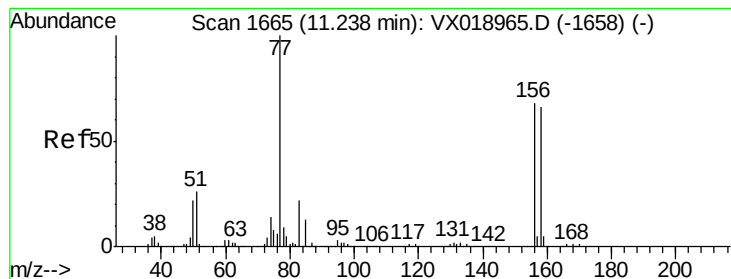
Tgt Ion: 75 Resp: 488968

Ion Ratio Lower Upper

75 100

77 32.3 20.9 62.7





#77

Bromobenzene

Concen: 103.291 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

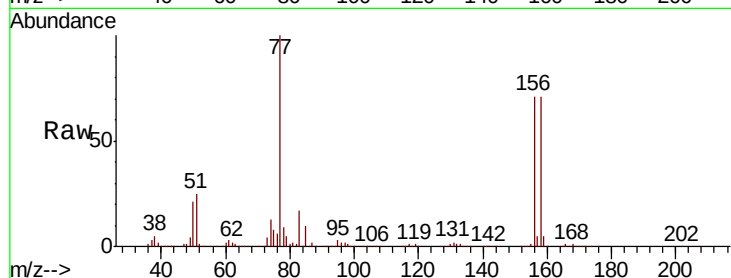
Tot Ion:156 Resp: 351733

Ion Ratio Lower Upper

156 100

77 139.2 75.3 225.9

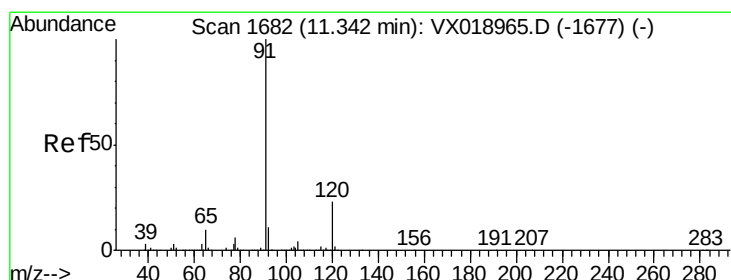
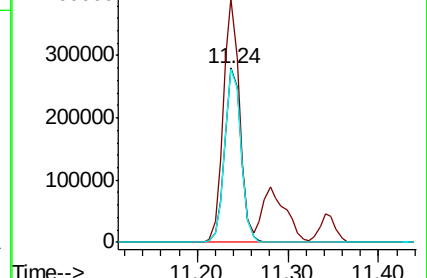
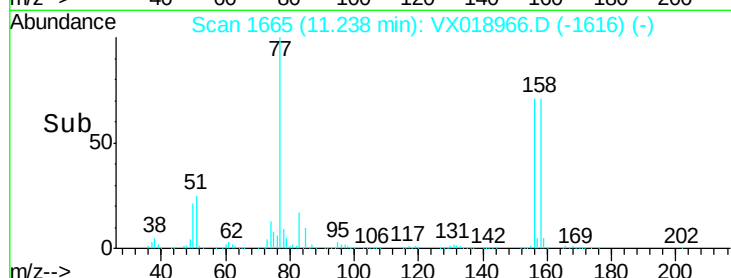
158 98.9 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 93.204 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018966.D

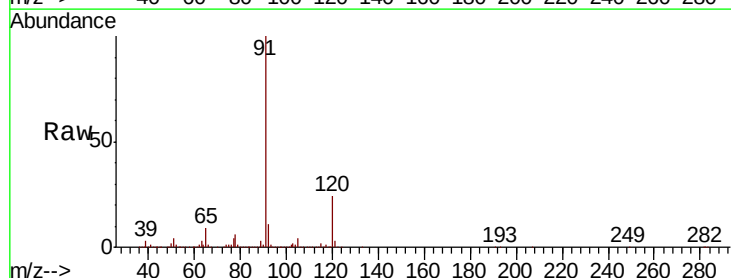
Acq: 20 Oct 2020 11:37

Tgt Ion: 91 Resp: 1493461

Ion Ratio Lower Upper

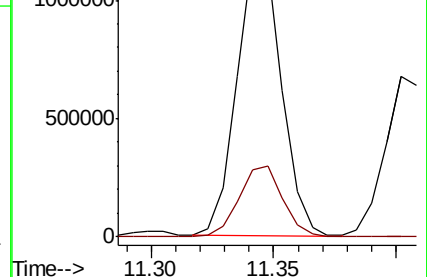
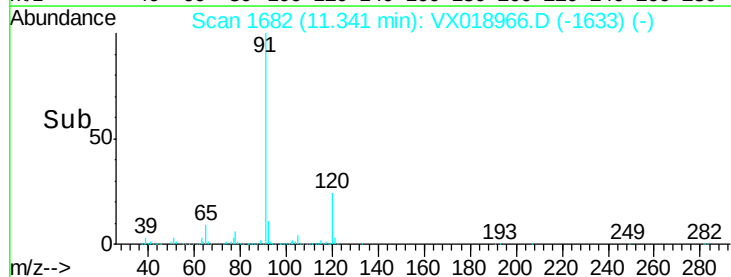
91 100

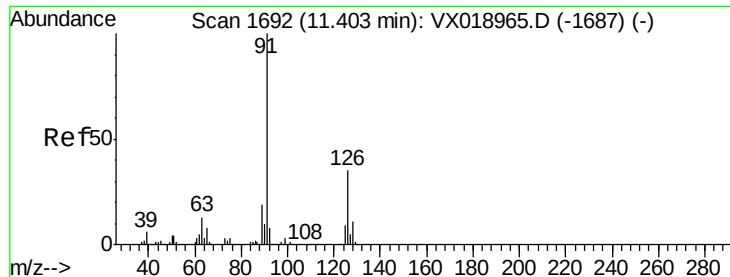
120 25.0 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 92.238 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

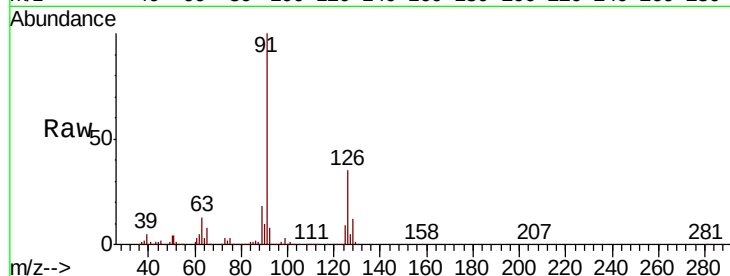
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 91 Resp: 863072

Ion Ratio Lower Upper

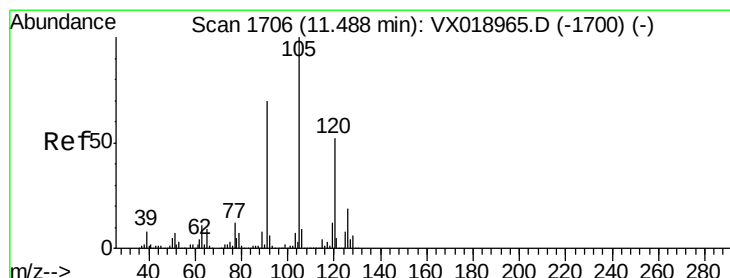
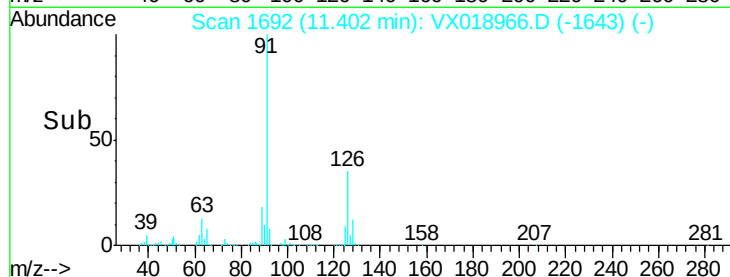
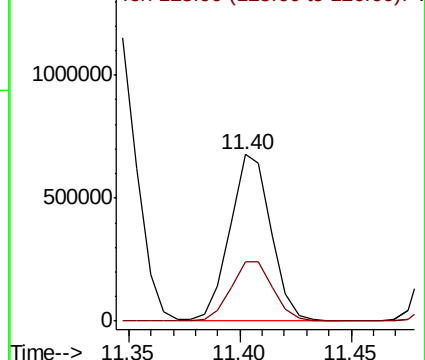
91 100

126 37.1 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 98.132 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018966.D

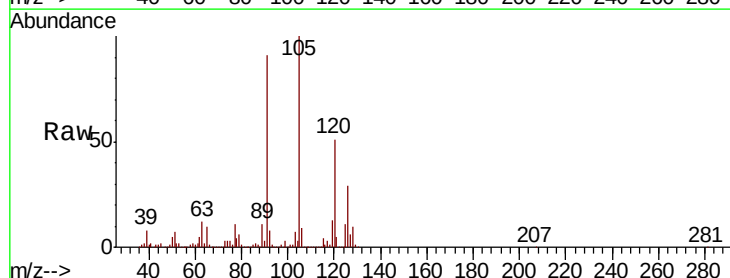
Acq: 20 Oct 2020 11:37

Tgt Ion:105 Resp: 1149733

Ion Ratio Lower Upper

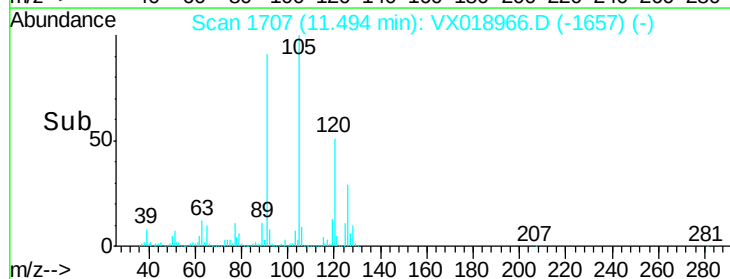
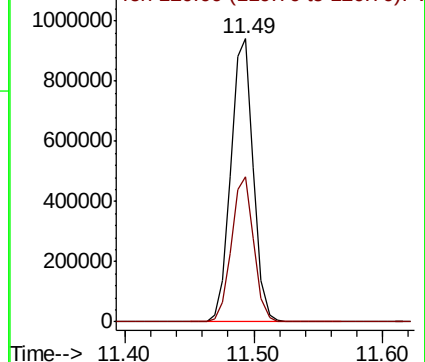
105 100

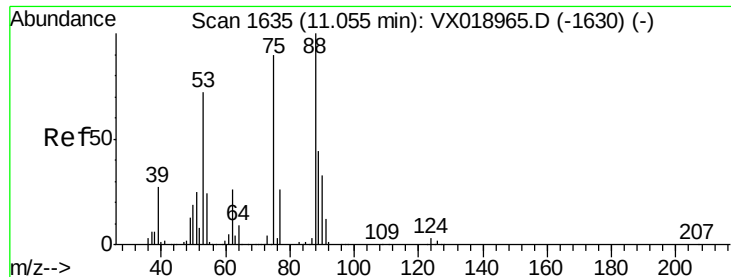
120 51.0 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

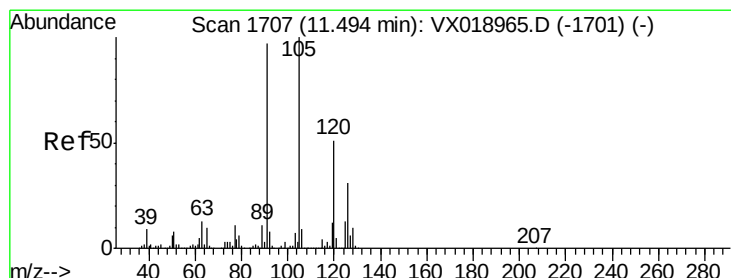
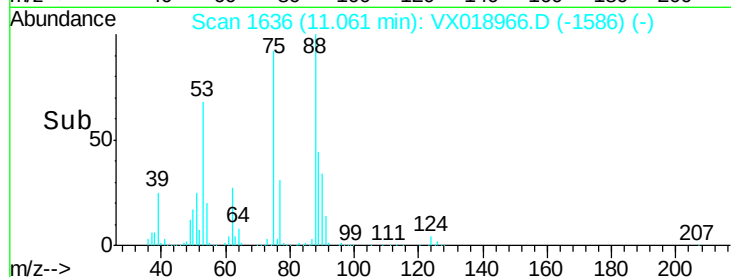
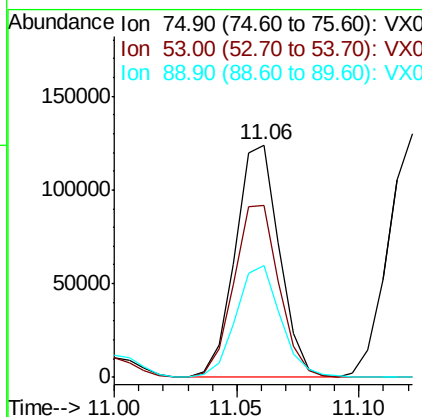
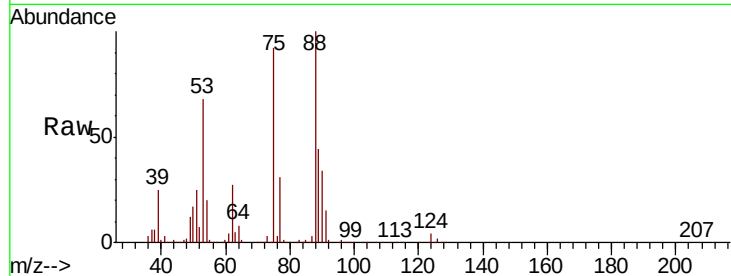




#81
trans-1,4-Dichloro-2-butene
Concen: 93.409 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

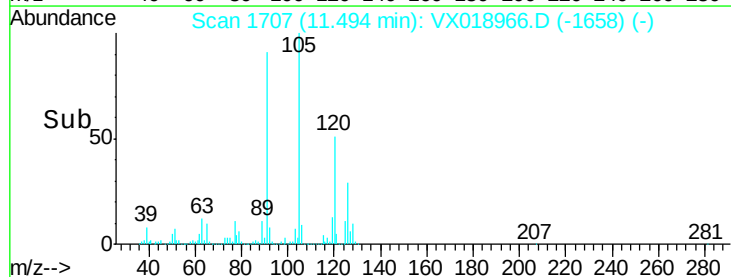
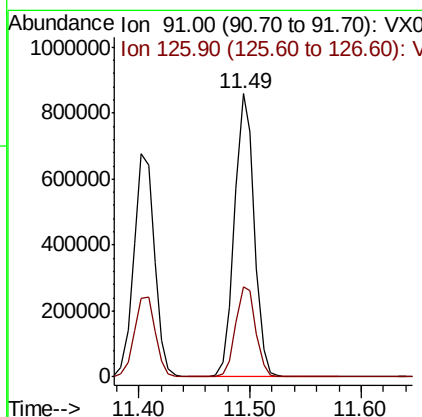
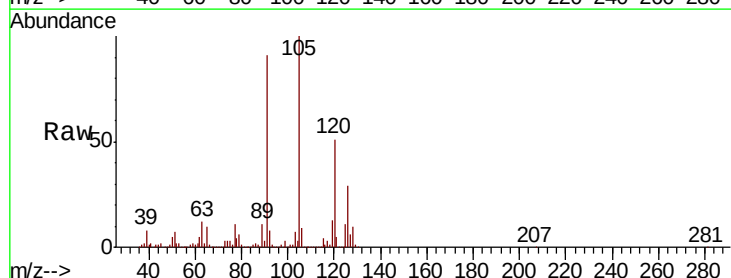
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

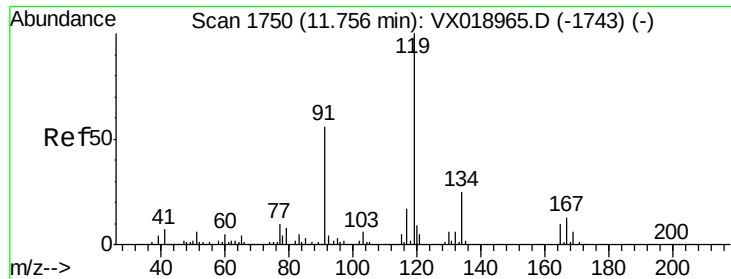
Tot Ion: 75 Resp: 154655
Ion Ratio Lower Upper
75 100
53 76.4 62.3 93.5
89 49.0 39.7 59.5



#82
4-Chlorotoluene
Concen: 93.241 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion: 91 Resp: 1049851
Ion Ratio Lower Upper
91 100
126 32.5 15.8 47.4

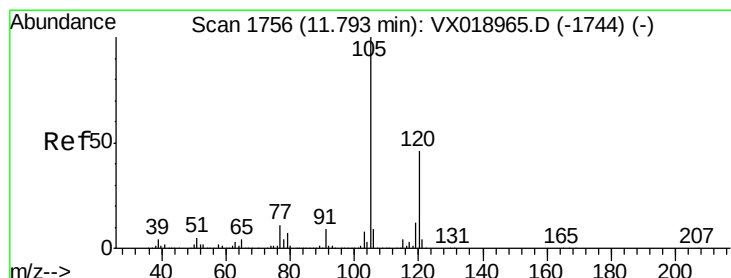
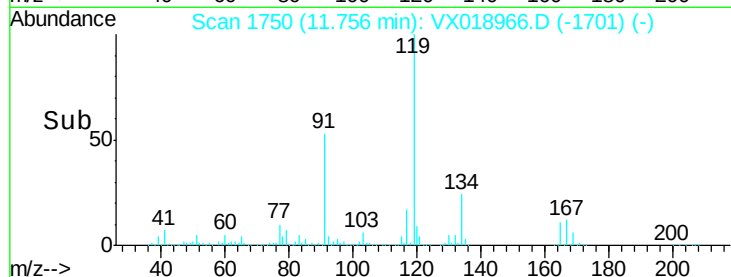
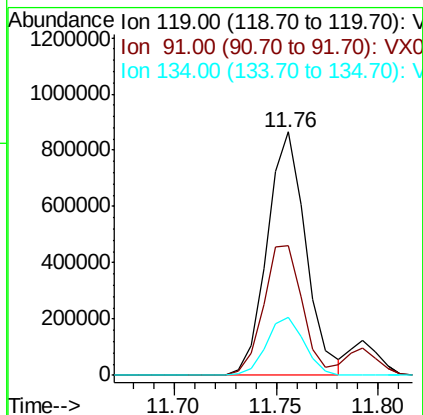
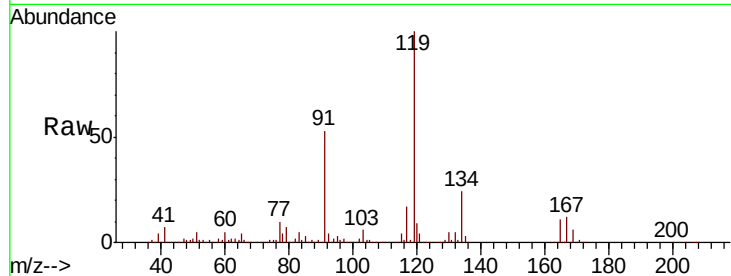




#83
 tert-Butylbenzene
 Concen: 97.719 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

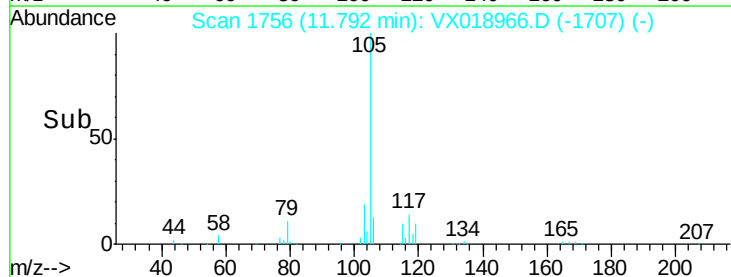
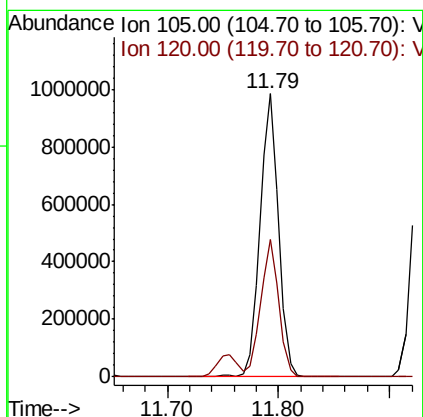
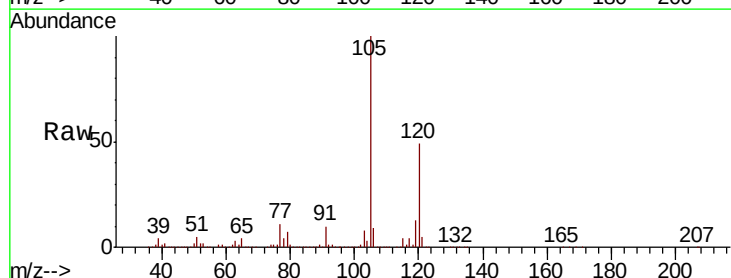
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

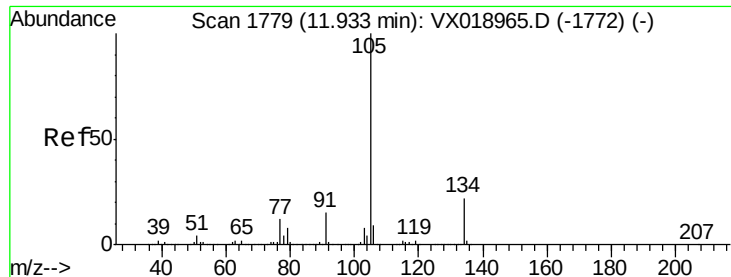
Tot Ion:119 Resp: 1139345
 Ion Ratio Lower Upper
 119 100
 91 53.2 27.5 82.5
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 97.641 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

Tgt Ion:105 Resp: 1142242
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 95.313 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

Instrument :

BNA_N

ClientSampleId :

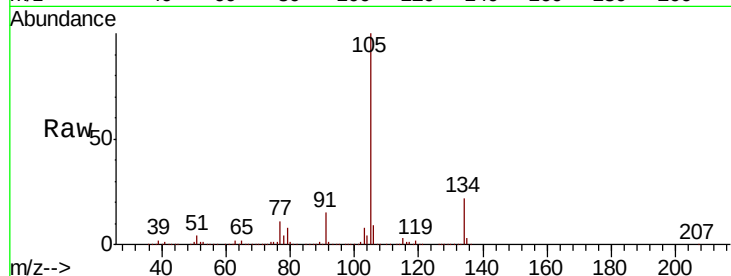
LOD-MDL-WATER-01-QT4-2020

Tot Ion:105 Resp: 1310599

Ion Ratio Lower Upper

105 100

134 21.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1200000

1000000

800000

600000

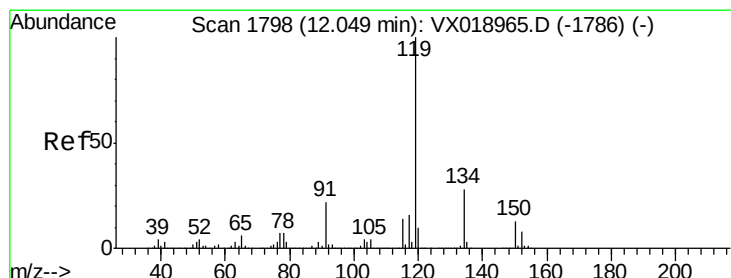
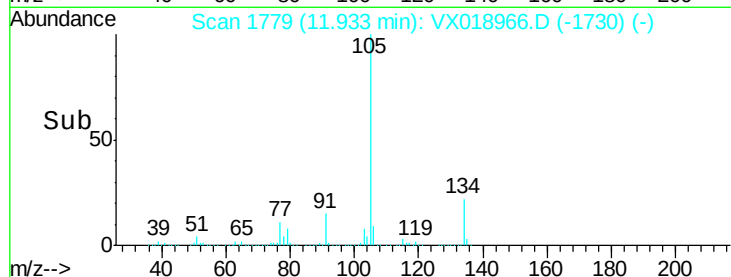
400000

200000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 100.785 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018966.D

Acq: 20 Oct 2020 11:37

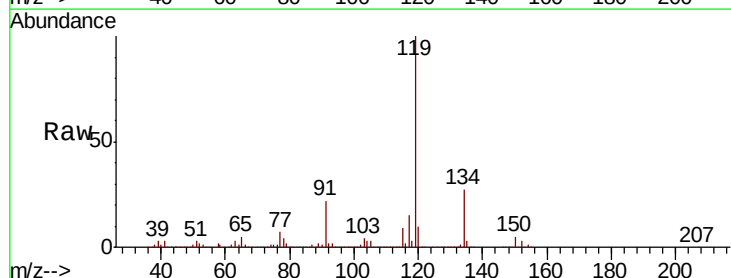
Tgt Ion:119 Resp: 1270145

Ion Ratio Lower Upper

119 100

134 27.2 13.8 41.4

91 22.0 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1500000

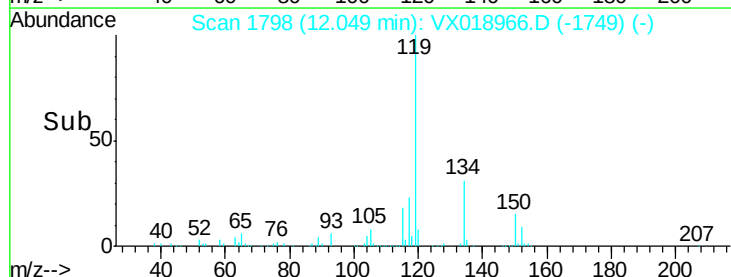
1000000

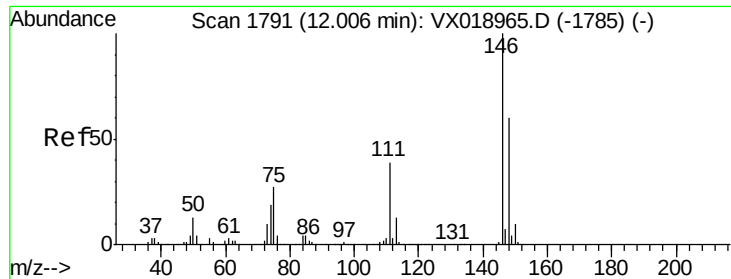
500000

0

11.90 12.00 12.10

Time-->

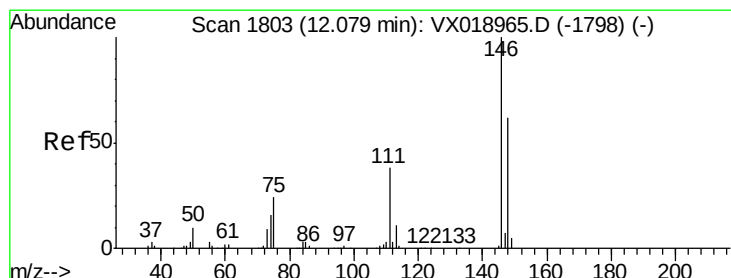
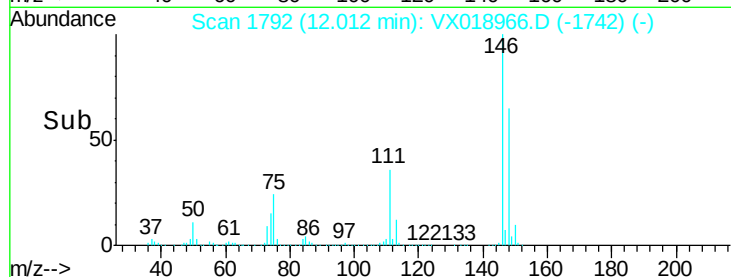
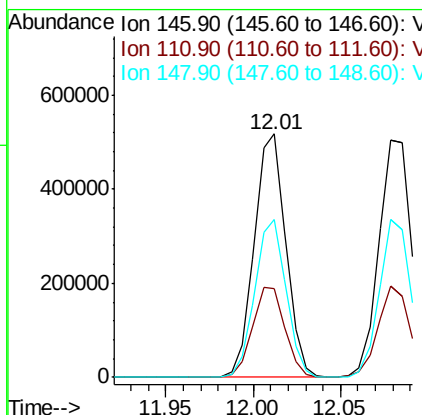
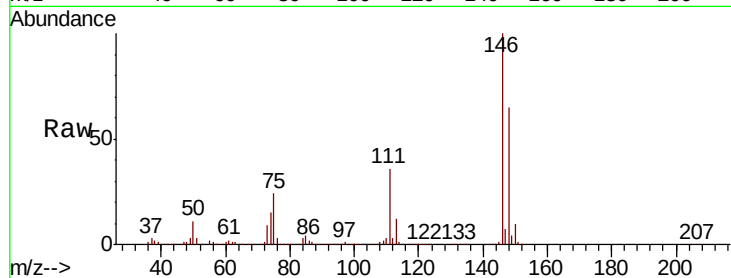




#87
 1,3-Dichlorobenzene
 Concen: 101.355 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

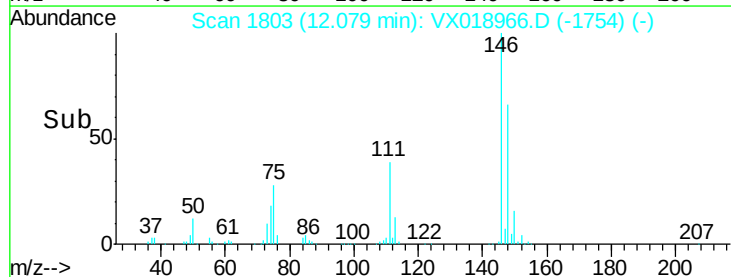
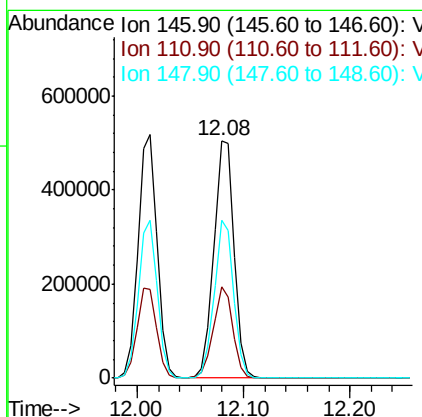
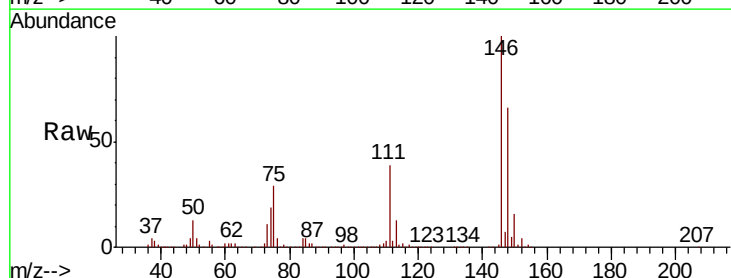
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

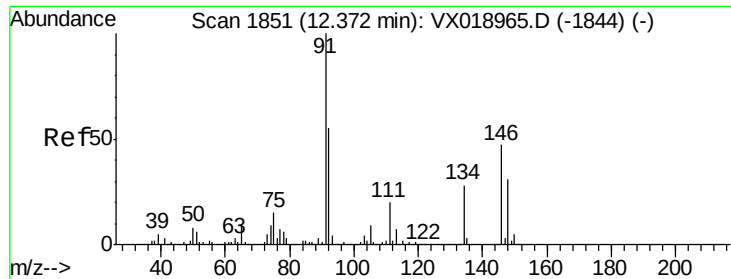
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.2
148	64.2	30.6	92.0



#88
 1,4-Dichlorobenzene
 Concen: 99.294 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	19.3	57.9
148	63.6	32.3	96.9

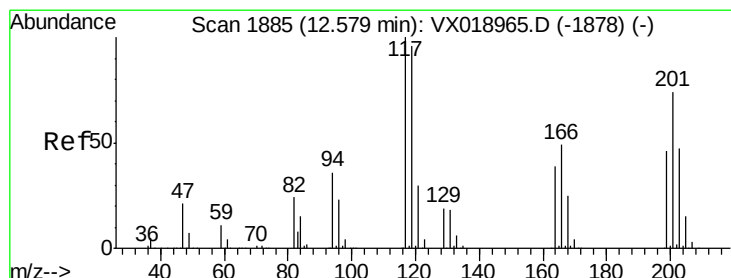
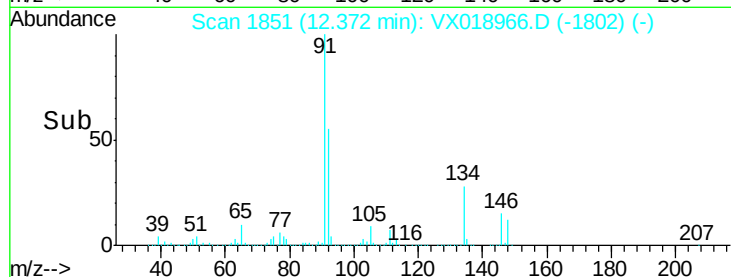
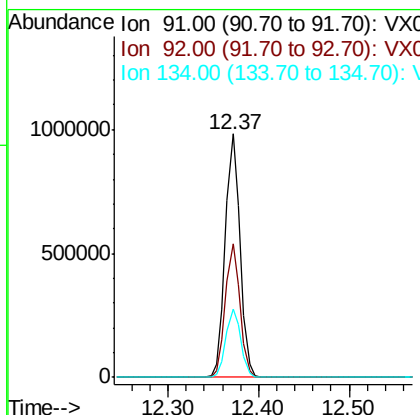
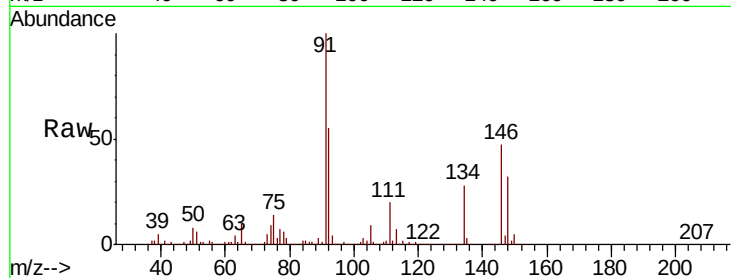




#89
n-Butylbenzene
Concen: 97.024 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

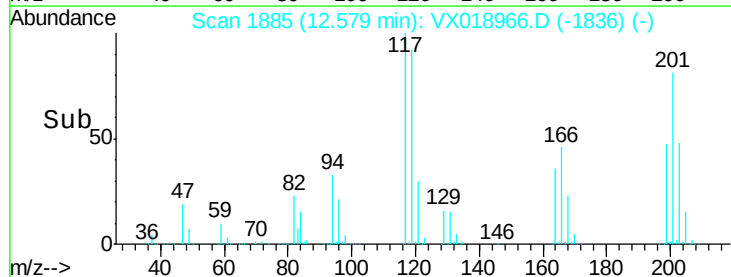
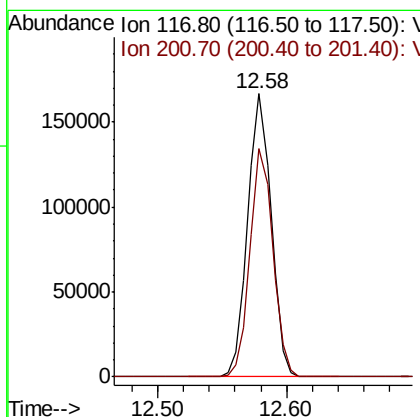
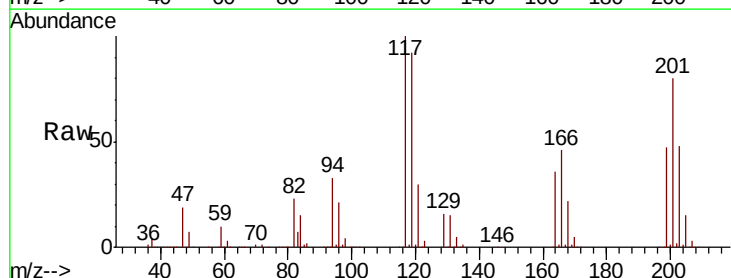
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

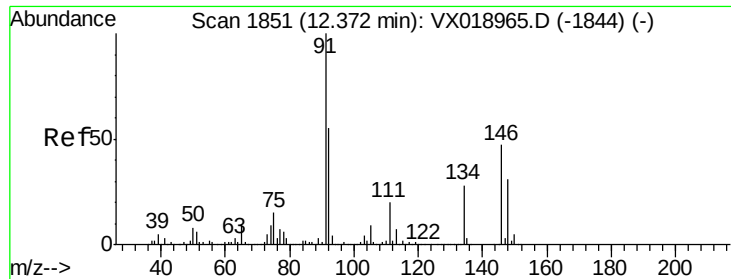
Tot Ion: 91 Resp: 1112676
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 28.6 14.0 42.0



#90
Hexachloroethane
Concen: 101.542 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion: 117 Resp: 208115
Ion Ratio Lower Upper
117 100
201 79.0 37.7 113.1

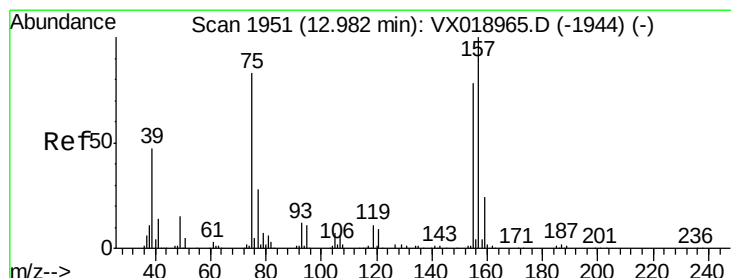
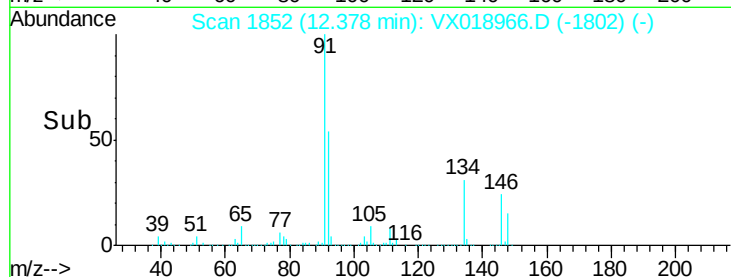
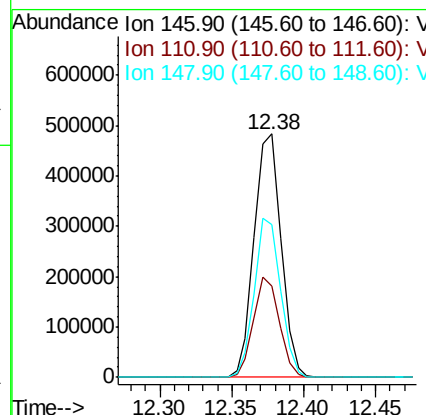
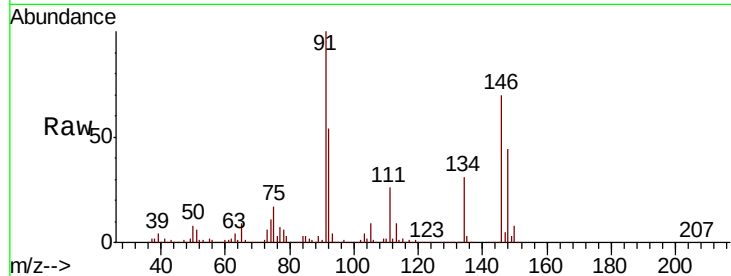




#91
 1,2-Dichlorobenzene
 Concen: 101.909 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

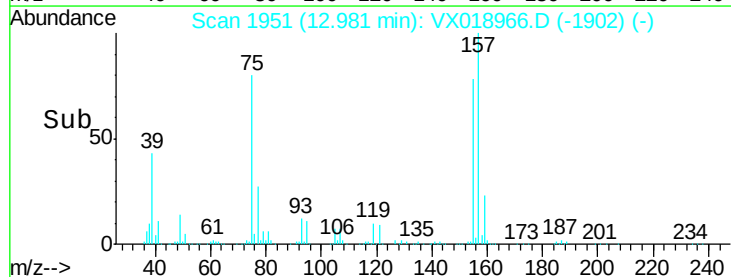
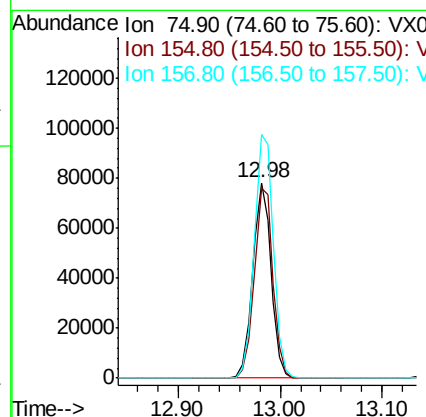
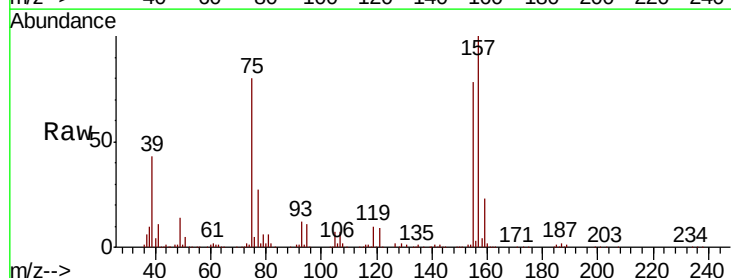
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

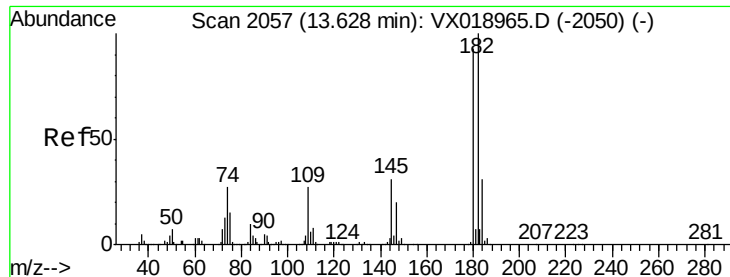
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.4	61.2
148	63.5	32.9	98.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 94.857 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.6	48.0	144.2
157	130.5	61.0	182.8

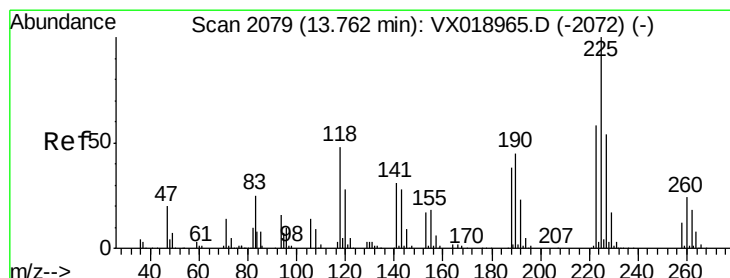
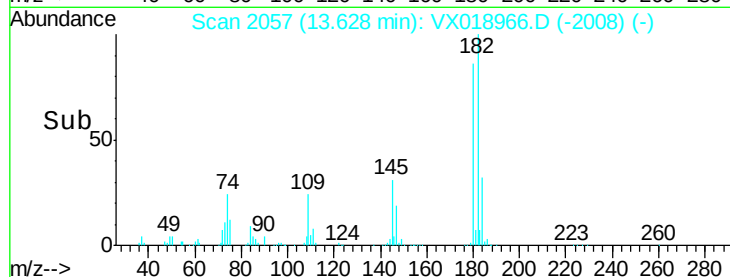
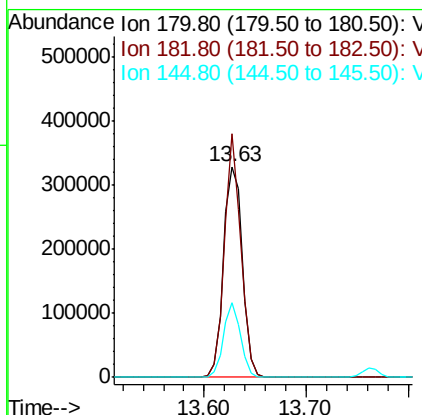
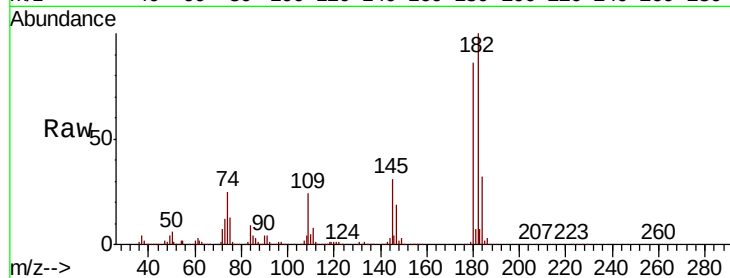




#93
 1,2,4-Trichlorobenzene
 Concen: 100.197 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

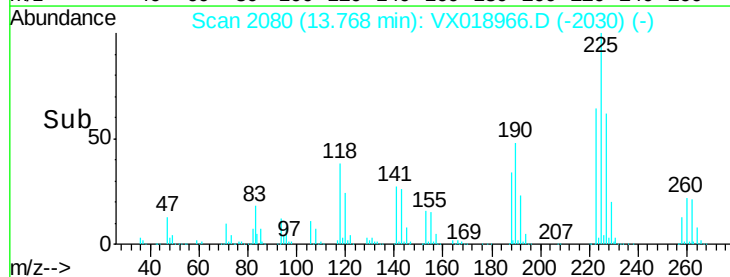
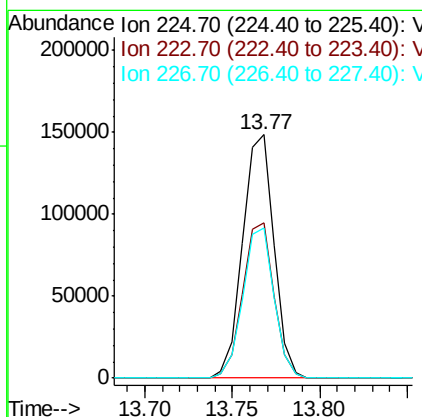
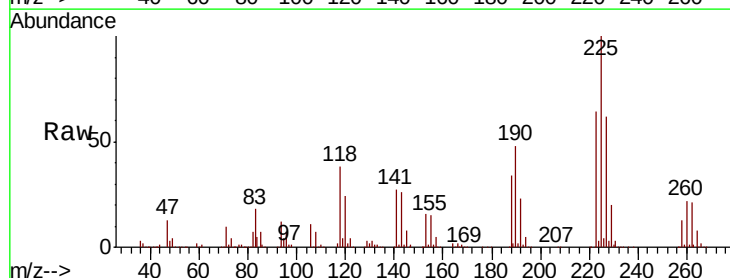
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

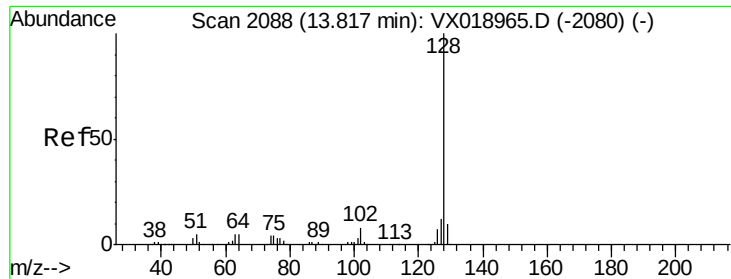
Tot Ion:180 Resp: 423218
 Ion Ratio Lower Upper
 180 100
 182 100.3 48.7 146.1
 145 32.1 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 104.343 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018966.D
 Acq: 20 Oct 2020 11:37

Tgt Ion:225 Resp: 184573
 Ion Ratio Lower Upper
 225 100
 223 63.7 30.6 91.6
 227 61.6 29.1 87.3

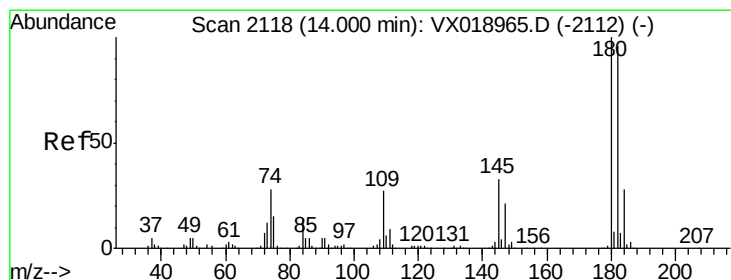
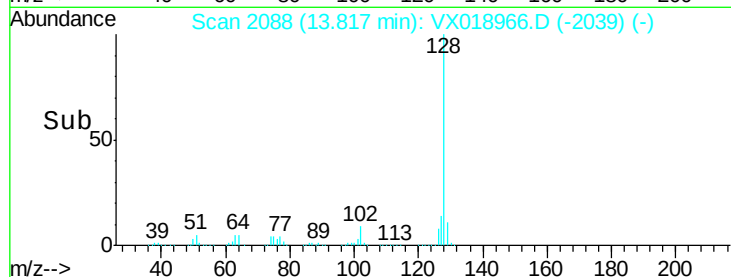
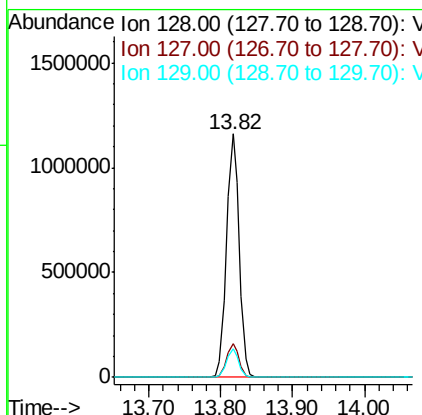
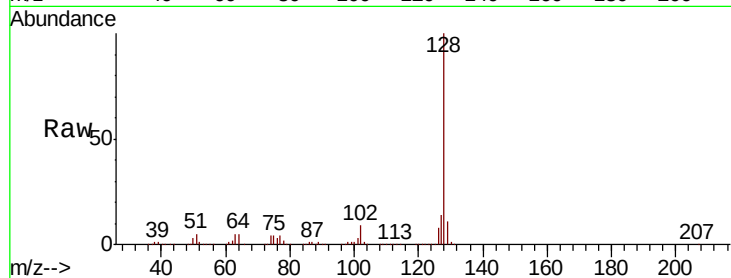




#95
Naphthalene
Concen: 99.467 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

Tot Ion:128 Resp: 1432421
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 104.838 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018966.D
Acq: 20 Oct 2020 11:37

Tgt Ion:180 Resp: 429210
Ion Ratio Lower Upper
180 100
182 95.3 48.5 145.6
145 33.1 16.4 49.2

