

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018965.D
 Acq On : 20 Oct 2020 11:14
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Oct 20 11:51:49 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	199452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	359389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	331248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181894	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	128568	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
35) Dibromofluoromethane	5.47	113	108608	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	8.70	98	428030	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.12	95	156940	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	88650	49.862	ug/l	100
3) Chloromethane	1.31	50	92834	47.942	ug/l	100
4) Vinyl Chloride	1.39	62	133224	50.939	ug/l	100
5) Bromomethane	1.62	94	120923	54.681	ug/l	100
6) Chloroethane	1.71	64	96525	51.232	ug/l	100
7) Trichlorofluoromethane	1.92	101	226355	51.233	ug/l	100
8) Diethyl Ether	2.17	74	87011	49.944	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125283	51.451	ug/l	100
10) Methyl Iodide	2.49	142	116822	51.235	ug/l	100
11) Tert butyl alcohol	3.02	59	138113	236.302	ug/l	100
12) 1,1-Dichloroethene	2.36	96	130605	50.368	ug/l	100
13) Acrolein	2.28	56	88407	230.249	ug/l	100
14) Allyl chloride	2.70	41	134363	43.540	ug/l	100
15) Acrylonitrile	3.12	53	261755	242.267	ug/l	100
16) Acetone	2.42	43	248093	221.244	ug/l	100
17) Carbon Disulfide	2.55	76	270425	46.134	ug/l	100
18) Methyl Acetate	2.75	43	111843	45.731	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	325562	48.926	ug/l	100
20) Methylene Chloride	2.83	84	110492	46.794	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	114994	48.404	ug/l	100
22) Diisopropyl ether	3.82	45	277372	48.373	ug/l	100
23) Vinyl Acetate	3.79	43	1359802	245.653	ug/l	100
24) 1,1-Dichloroethane	3.67	63	192866	48.882	ug/l	100
25) 2-Butanone	4.64	43	383282	240.499	ug/l	100
26) 2,2-Dichloropropane	4.55	77	185330	49.908	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	135138	49.176	ug/l	100
28) Bromochloromethane	4.98	49	81736	49.255	ug/l	100
29) Tetrahydrofuran	5.09	42	220689	236.954	ug/l	100
30) Chloroform	5.18	83	215513	50.269	ug/l	100
31) Cyclohexane	5.55	56	155358	49.829	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	195172	50.488	ug/l	100
36) 1,1-Dichloropropene	5.77	75	163197	47.939	ug/l	100
37) Ethyl Acetate	4.79	43	149128	44.724	ug/l	100
38) Carbon Tetrachloride	5.75	117	169593	48.467	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	182066	49.631	ug/l	100
40) Benzene	6.11	78	488068	49.758	ug/l	100
41) Methacrylonitrile	5.01	41	78187	45.361	ug/l	100
42) 1,2-Dichloroethane	6.16	62	168715	50.168	ug/l	100
43) Isopropyl Acetate	6.42	43	249730	46.430	ug/l	100
44) Trichloroethene	7.19	130	132136	48.611	ug/l	100
45) 1,2-Dichloropropane	7.49	63	117639	48.513	ug/l	100
46) Dibromomethane	7.63	93	87057	50.073	ug/l	100
47) Bromodichloromethane	7.87	83	175482	50.007	ug/l	100
48) Methyl methacrylate	7.74	41	116333	46.605	ug/l	100
49) 1,4-Dioxane	7.71	88	54634	956.116	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	762606	243.758	ug/l	100
52) Toluene	8.76	92	328037	51.623	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	203974	51.171	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	210168	49.976	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	128512	51.599	ug/l	100
56) Ethyl methacrylate	9.16	69	195716	51.331	ug/l	100
57) 1,3-Dichloropropane	9.35	76	211604	50.536	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	511543	242.383	ug/l	100
59) 2-Hexanone	9.47	43	575984	242.598	ug/l	100
60) Dibromochloromethane	9.56	129	142862	52.061	ug/l	100
61) 1,2-Dibromoethane	9.65	107	140071	51.906	ug/l	100
64) Tetrachloroethene	9.32	164	121177	51.320	ug/l	100
65) Chlorobenzene	10.12	112	347204	50.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	128074	50.366	ug/l	100
67) Ethyl Benzene	10.23	91	619443	51.256	ug/l	100
68) m/p-Xylenes	10.34	106	492058	104.759	ug/l	100
69) o-Xylene	10.68	106	232234	51.471	ug/l	100
70) Styrene	10.70	104	401632	52.748	ug/l	100
71) Bromoform	10.84	173	104729	51.684	ug/l	100
73) Isopropylbenzene	11.00	105	624284	47.425	ug/l	100
74) N-amyl acetate	10.88	43	204143	41.762	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	194842	45.653	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	229933	58.474	ug/l	85
77) Bromobenzene	11.24	156	152472	47.854	ug/l	100
78) n-propylbenzene	11.34	91	693479	46.254	ug/l	100
79) 2-Chlorotoluene	11.40	91	407054	46.493	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	530115	48.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	71277	46.010	ug/l	100
82) 4-Chlorotoluene	11.49	91	488294	46.349	ug/l	100
83) tert-Butylbenzene	11.76	119	517342	47.422	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	533666	48.755	ug/l	100
85) sec-Butylbenzene	11.93	105	617736	48.013	ug/l	100
86) p-Isopropyltoluene	12.05	119	570221	48.357	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	291553	48.554	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	293246	47.241	ug/l	100
89) n-Butylbenzene	12.37	91	507886	47.332	ug/l	100
90) Hexachloroethane	12.58	117	91407	47.665	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	276559	48.304	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44499	45.996	ug/l	100

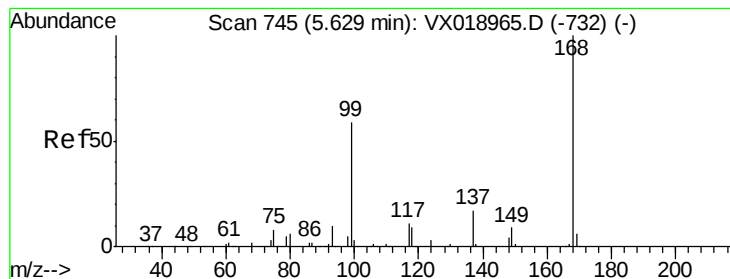
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	178095	45.063	ug/l	100
94) Hexachlorobutadiene	13.76	225	77492	46.819	ug/l	100
95) Naphthalene	13.82	128	636377	47.228	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	176698	46.127	ug/l	100

(#) = 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: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

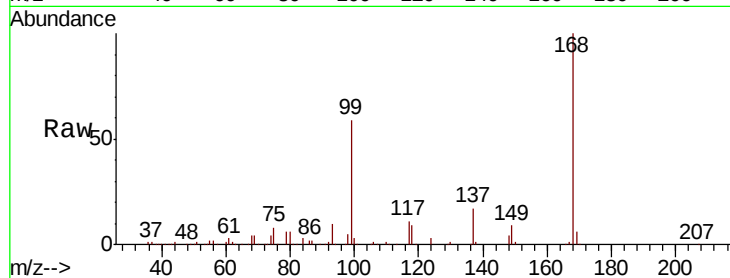
LOD-MDL-WATER-01-QT4-2020

Tot Ion:168 Resp: 199452

Ion Ratio Lower Upper

168 100

99 58.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

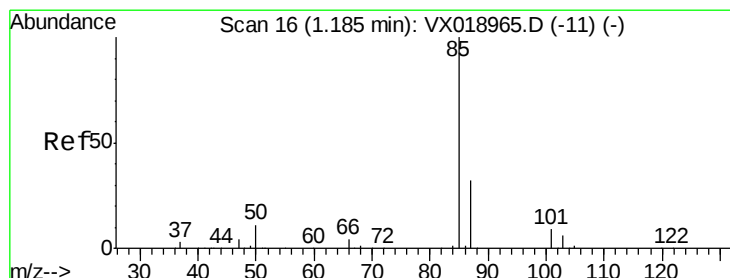
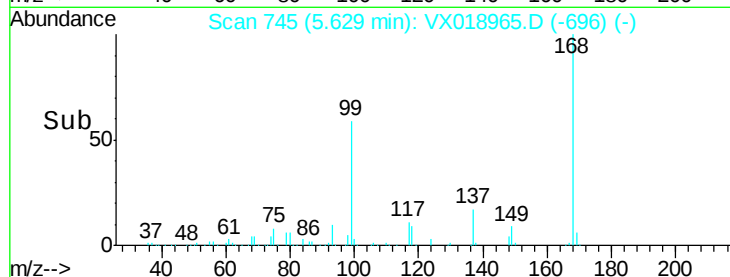
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.862 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018965.D

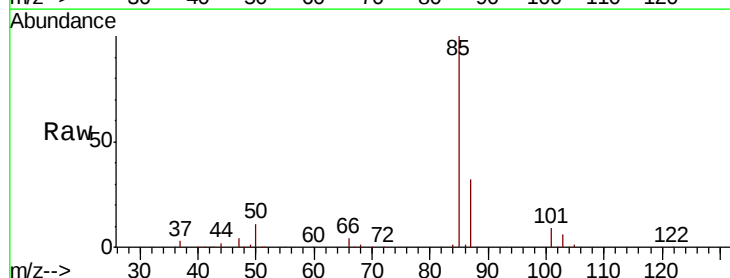
Acq: 20 Oct 2020 11:14

Tgt Ion: 85 Resp: 88650

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

60000

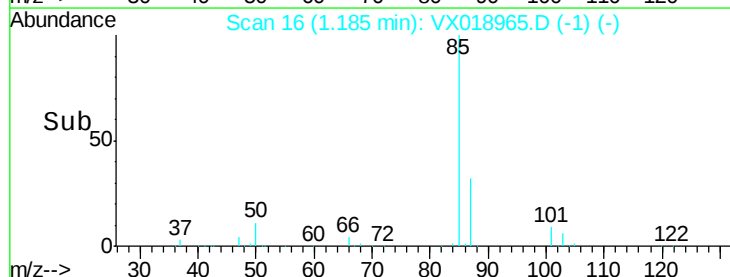
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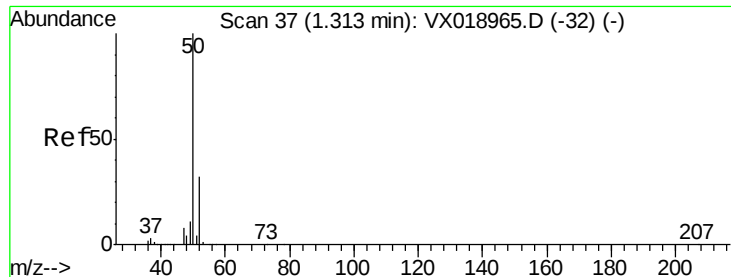
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 47.942 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

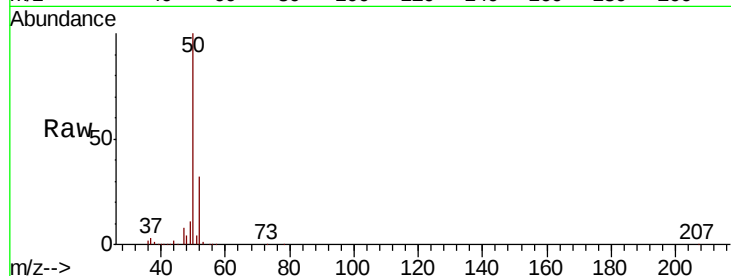
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 50 Resp: 92834

Ion Ratio Lower Upper

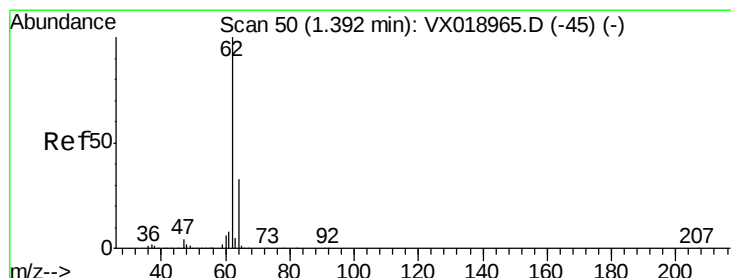
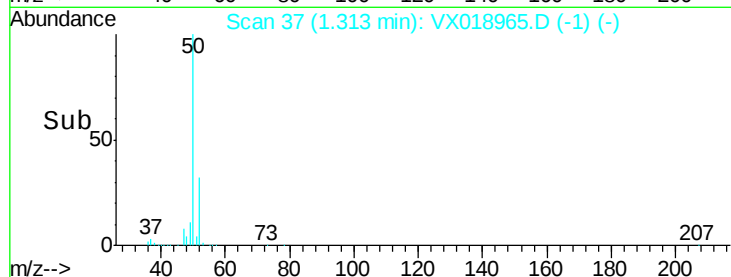
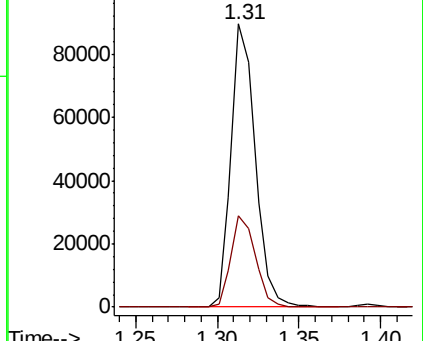
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.939 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018965.D

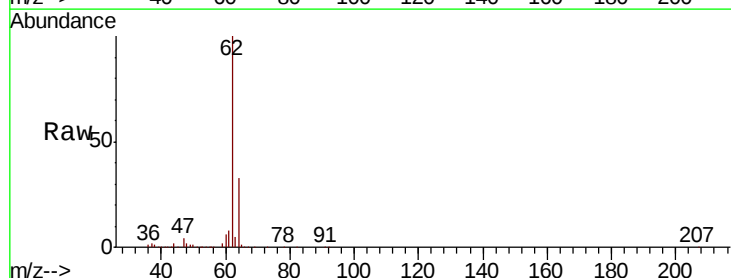
Acq: 20 Oct 2020 11:14

Tgt Ion: 62 Resp: 133224

Ion Ratio Lower Upper

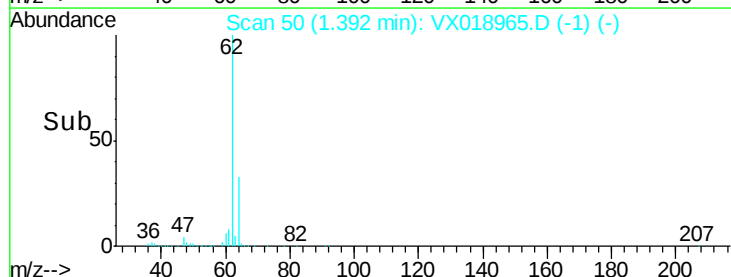
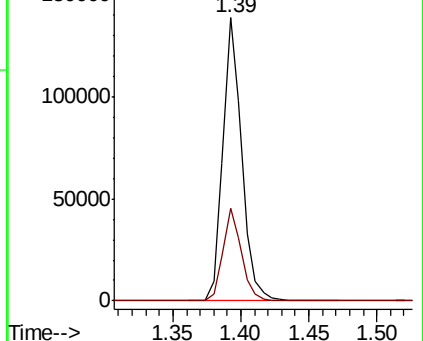
62 100

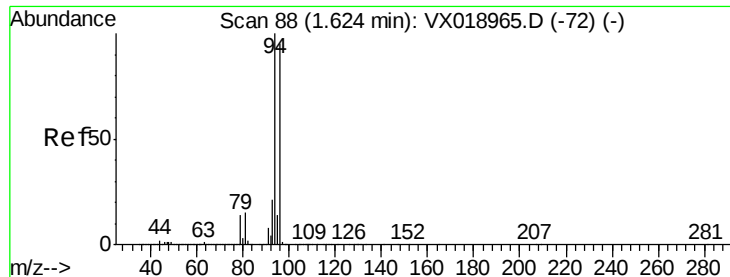
64 32.6 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.681 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

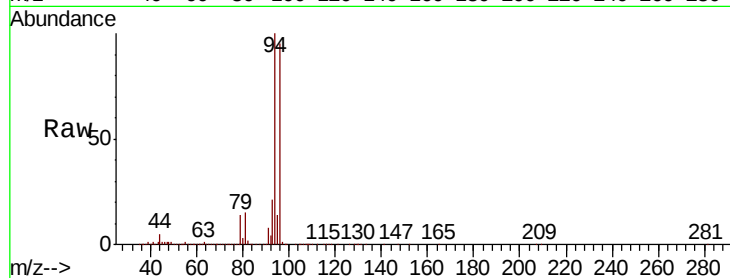
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 94 Resp: 120923

Ion Ratio Lower Upper

94 100

96 94.6 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

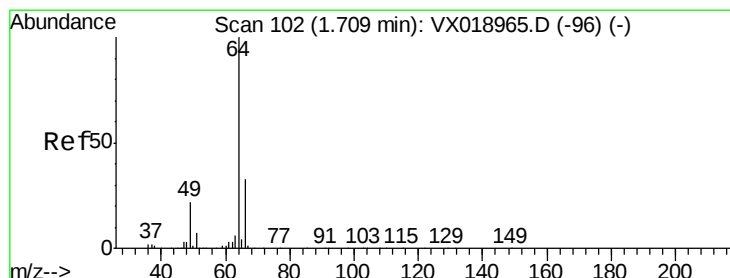
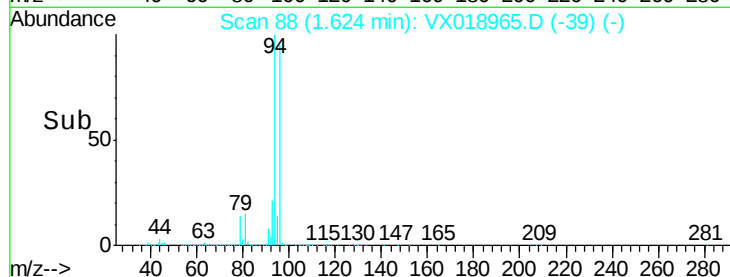
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 51.232 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018965.D

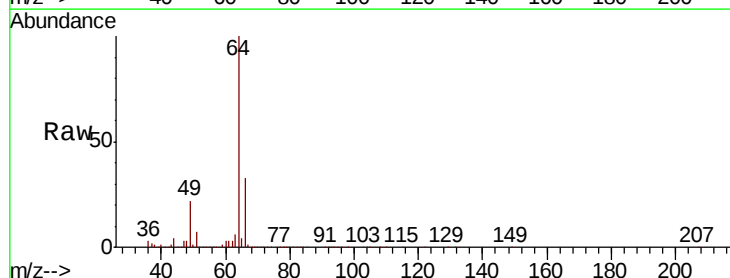
Acq: 20 Oct 2020 11:14

Tgt Ion: 64 Resp: 96525

Ion Ratio Lower Upper

64 100

66 33.5 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

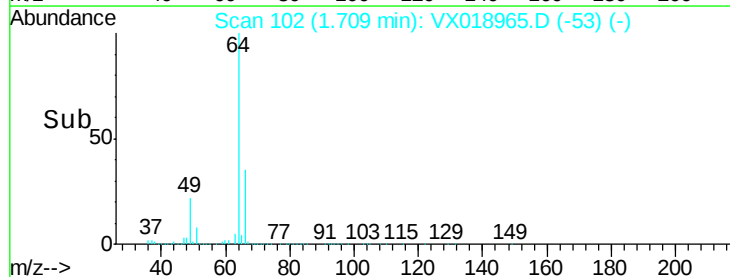
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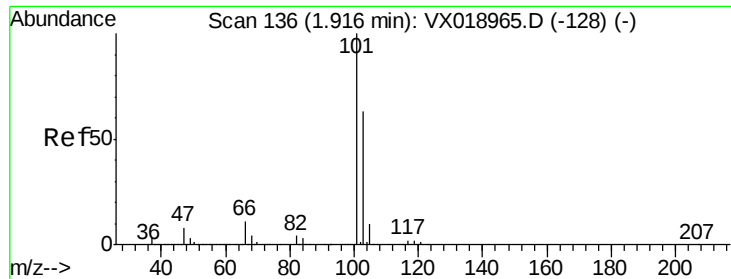
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20000

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Time-->



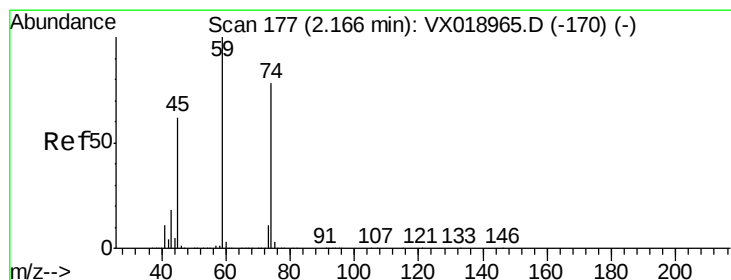
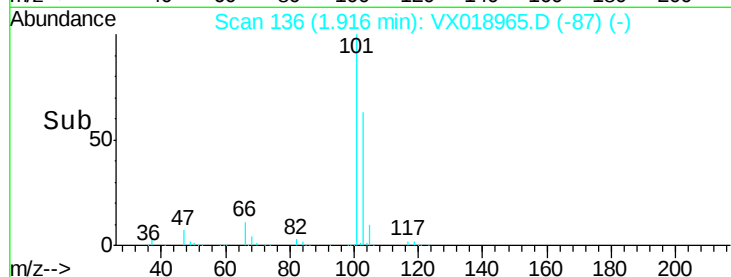
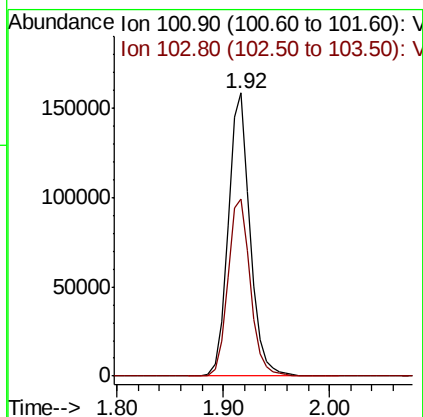
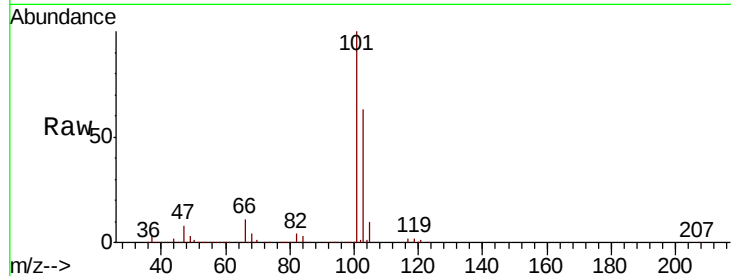


#7

Trichlorofluoromethane
Concen: 51.233 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

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

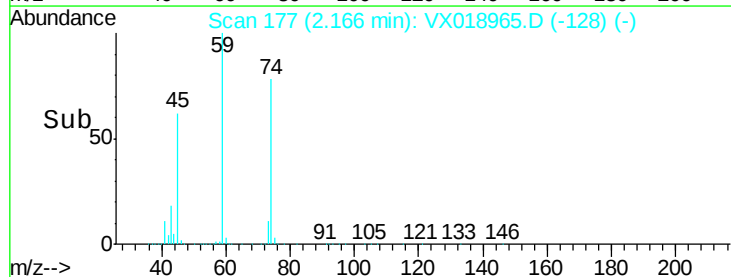
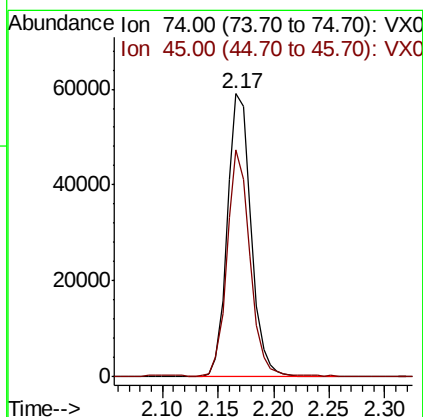
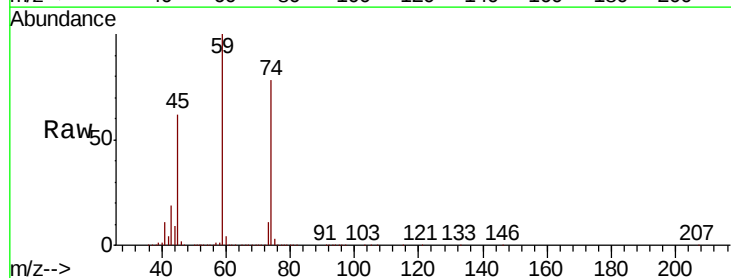
Tot Ion:101 Resp: 226355
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1

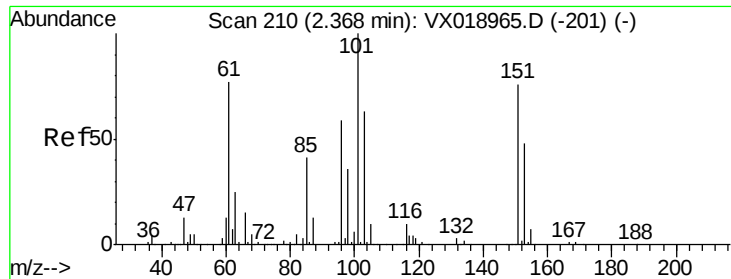


#8

Diethyl Ether
Concen: 49.944 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion: 74 Resp: 87011
Ion Ratio Lower Upper
74 100
45 76.7 38.4 115.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.451 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

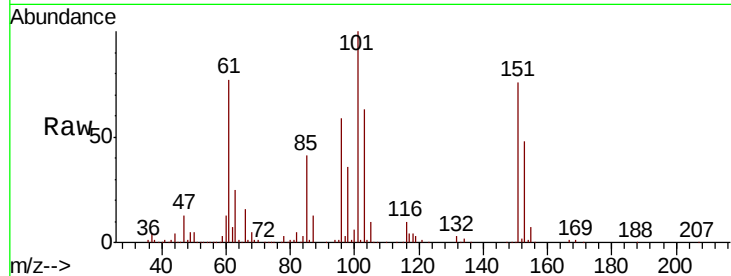
Tot Ion:101 Resp: 125283

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.4

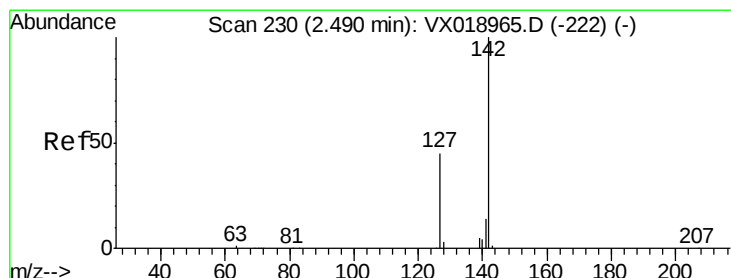
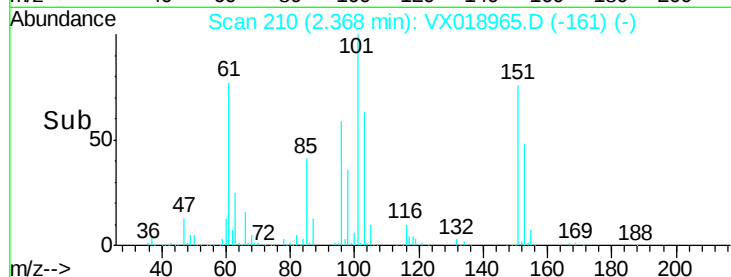
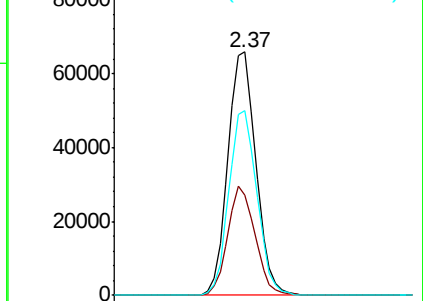
151 75.9 60.7 91.1



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: 51.235 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

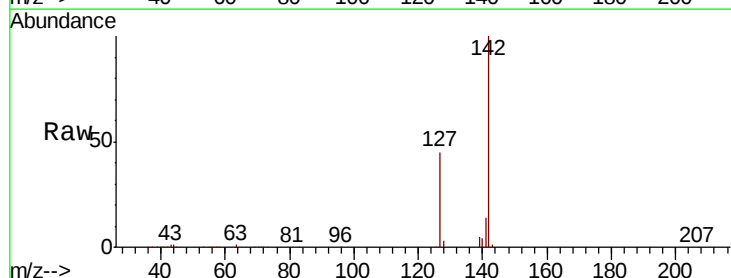
Tgt Ion:142 Resp: 116822

Ion Ratio Lower Upper

142 100

127 43.4 34.7 52.1

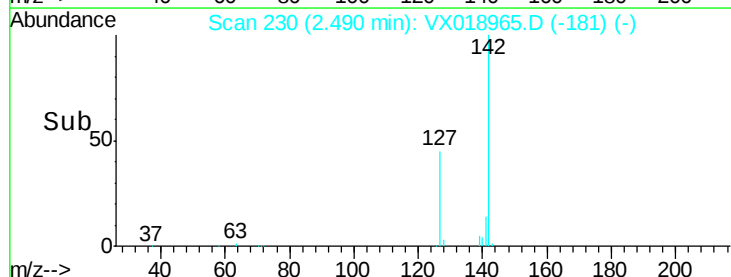
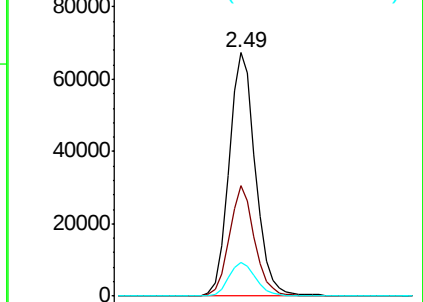
141 14.0 11.2 16.8

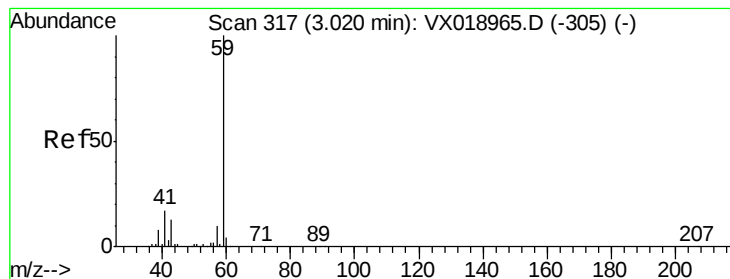


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



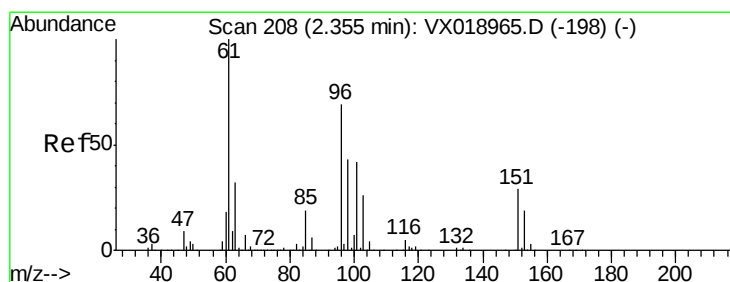
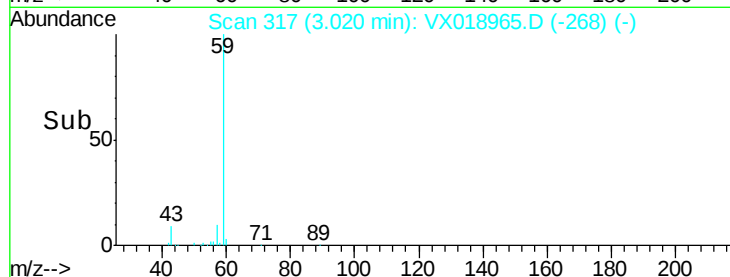
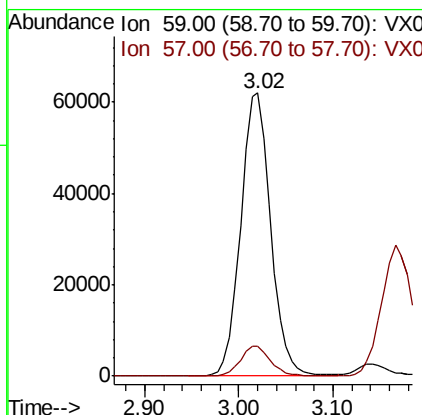
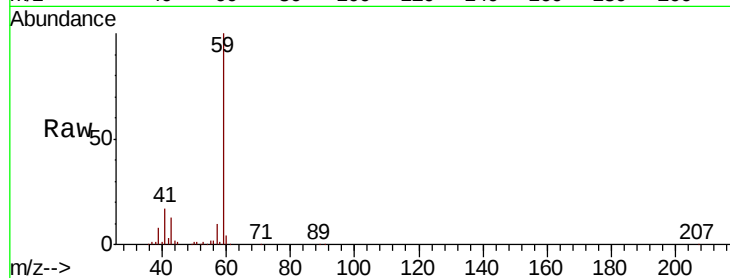


#11

Tert butyl alcohol
 Concen: 236.302 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

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

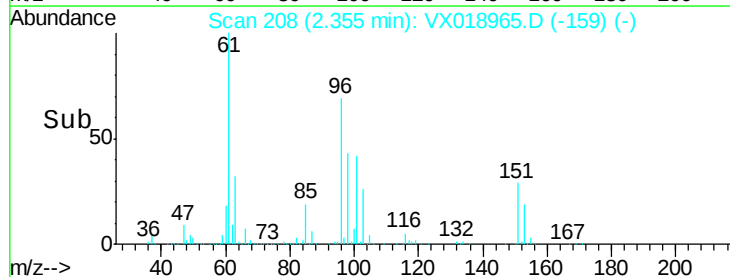
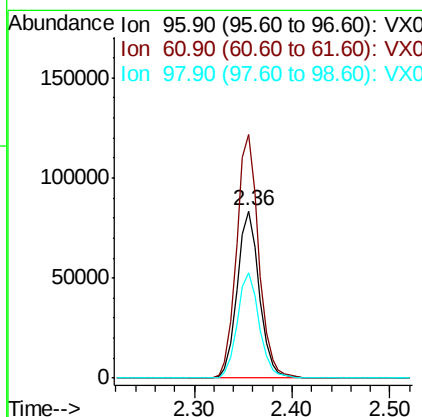
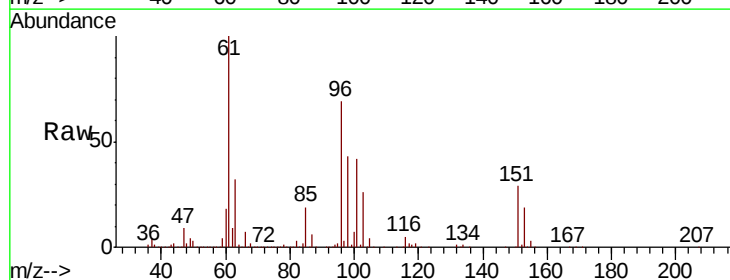
Tot Ion: 59 Resp: 138113
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.4 12.6

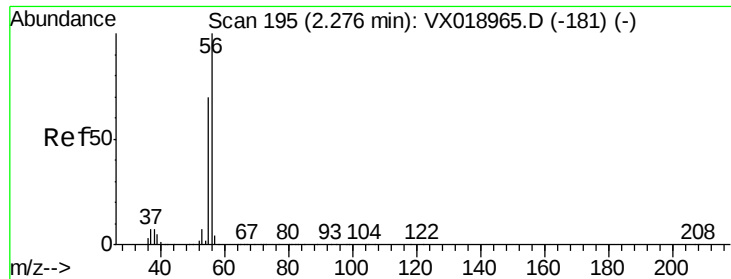


#12

1,1-Dichloroethene
 Concen: 50.368 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

Tgt Ion: 96 Resp: 130605
 Ion Ratio Lower Upper
 96 100
 61 145.6 116.5 174.7
 98 63.0 50.4 75.6





#13

Acrolein

Concen: 230.249 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

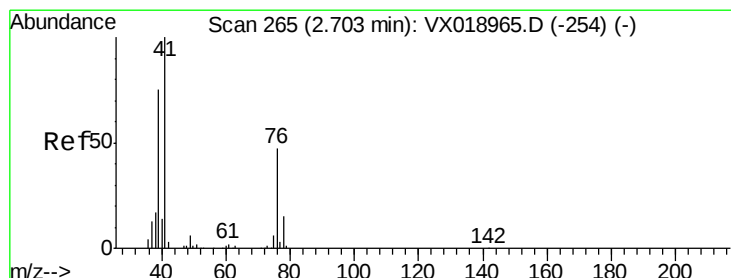
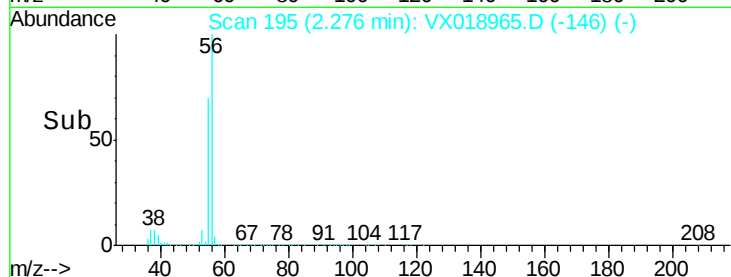
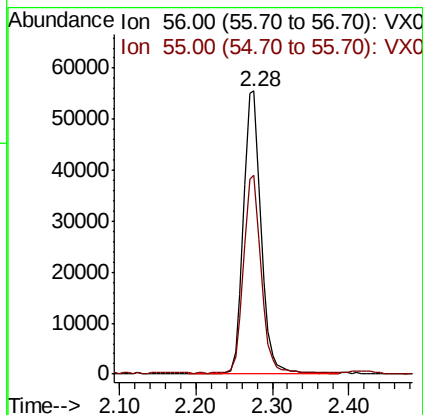
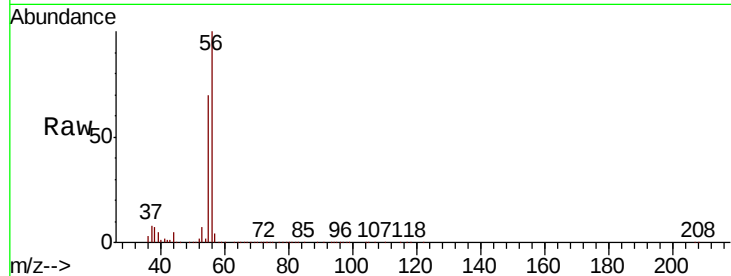
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 56 Resp: 88407

Ion Ratio Lower Upper

56 100

55 69.9 55.9 83.9



#14

Allyl chloride

Concen: 43.540 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

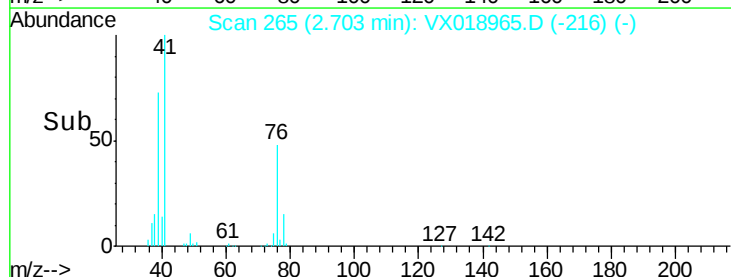
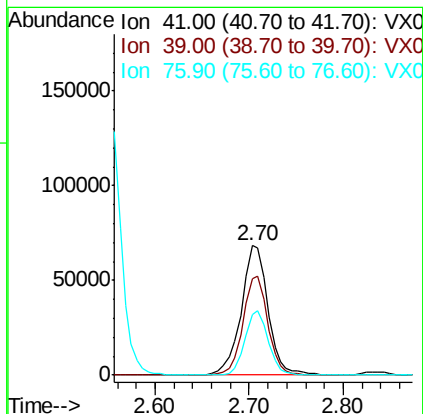
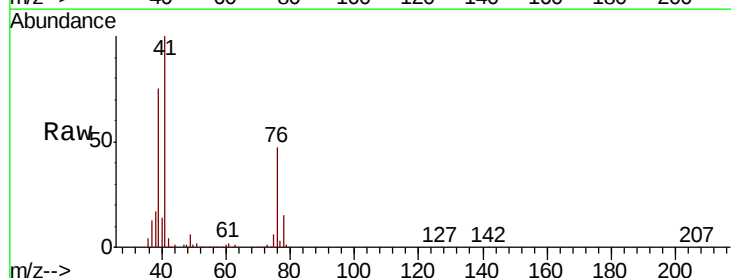
Tgt Ion: 41 Resp: 134363

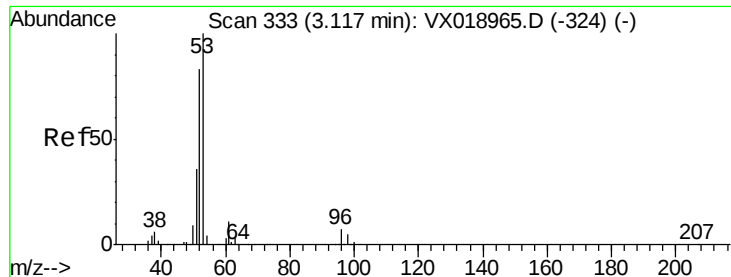
Ion Ratio Lower Upper

41 100

39 71.2 57.0 85.4

76 44.1 35.3 52.9





#15

Acrylonitrile

Concen: 242.267 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

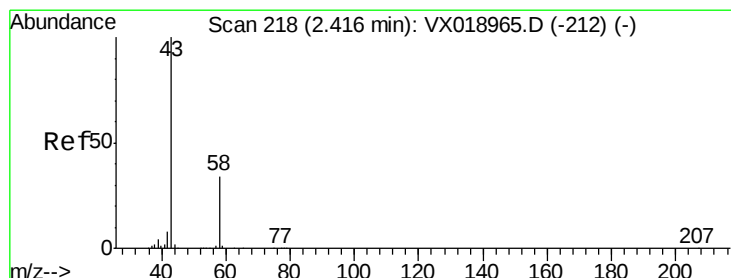
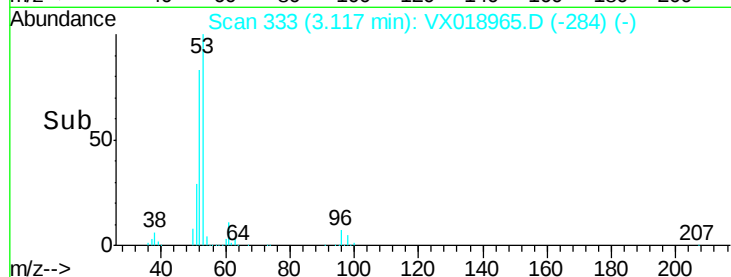
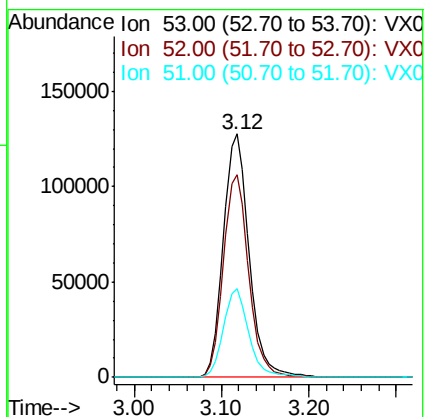
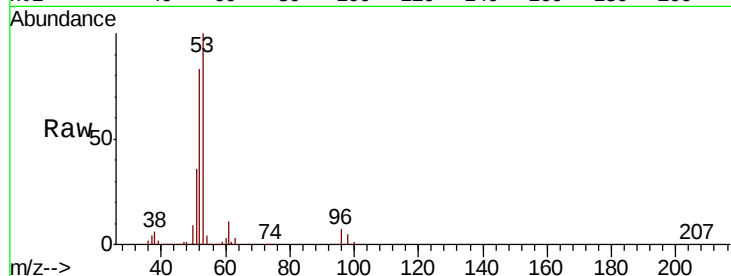
Tot Ion: 53 Resp: 261755

Ion Ratio Lower Upper

53 100

52 82.3 65.8 98.8

51 35.9 28.7 43.1



#16

Acetone

Concen: 221.244 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018965.D

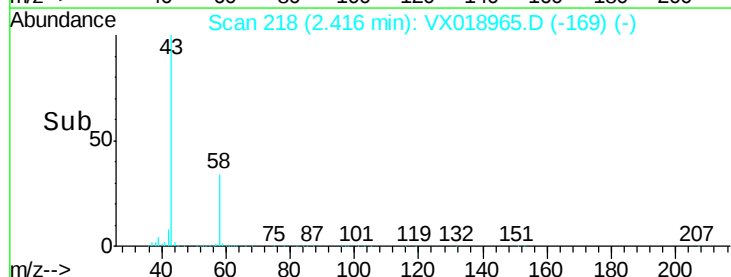
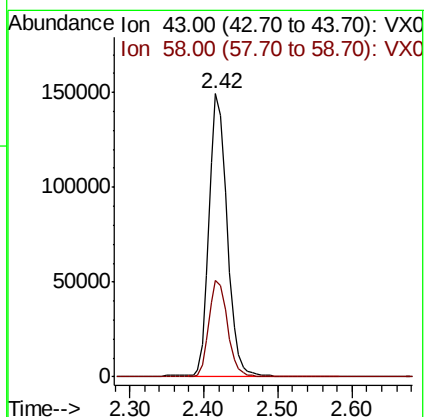
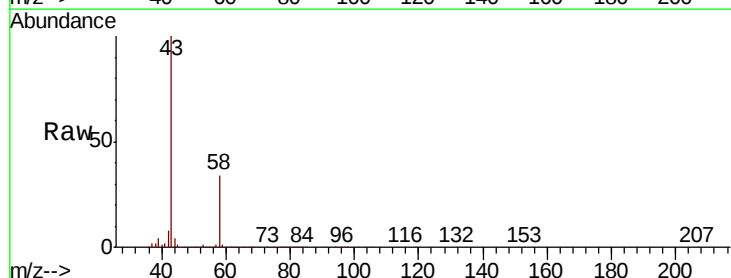
Acq: 20 Oct 2020 11:14

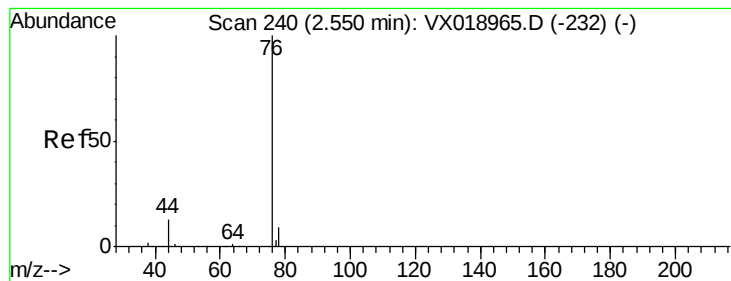
Tgt Ion: 43 Resp: 248093

Ion Ratio Lower Upper

43 100

58 34.2 27.4 41.0





#17

Carbon Disulfide

Concen: 46.134 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

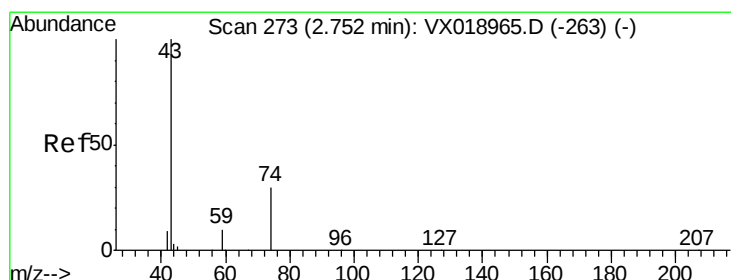
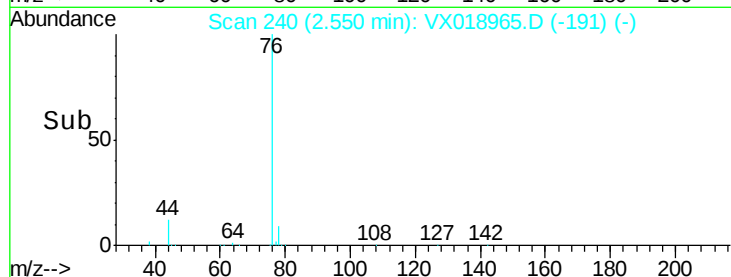
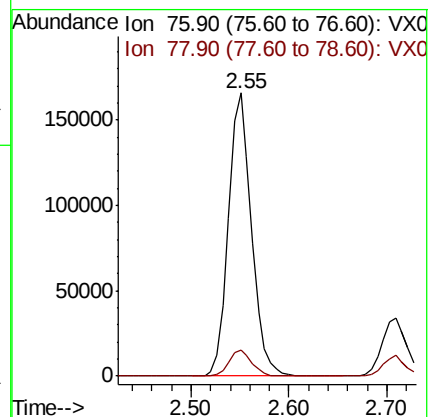
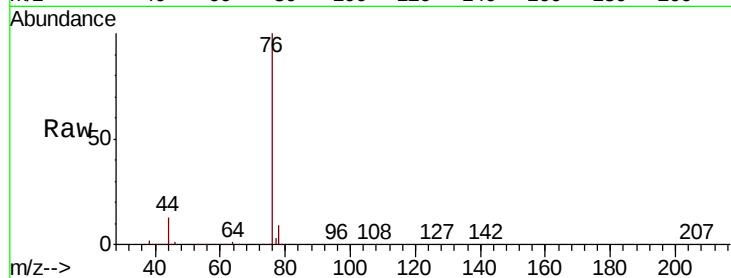
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 76 Resp: 270425

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 45.731 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018965.D

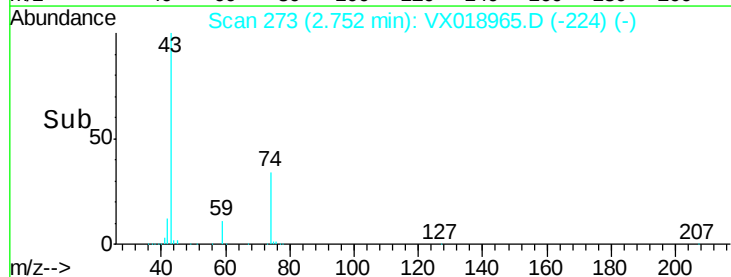
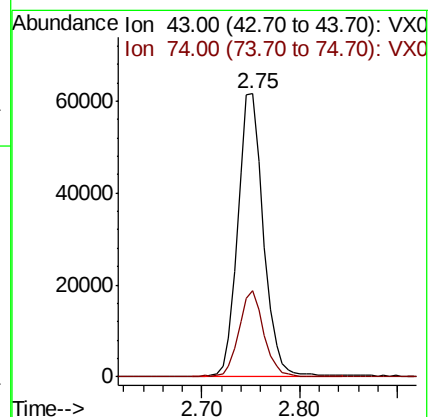
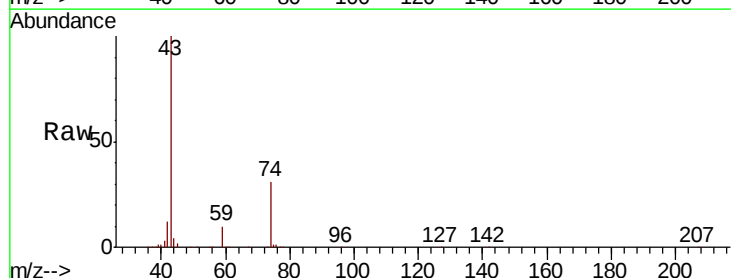
Acq: 20 Oct 2020 11:14

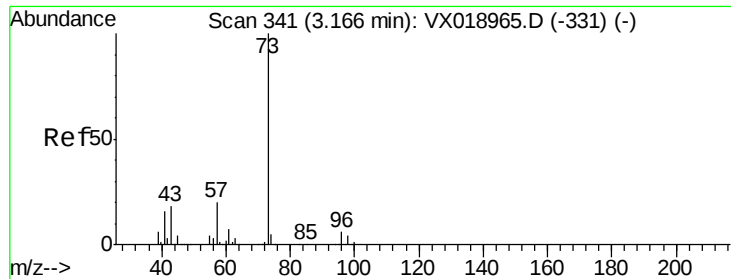
Tgt Ion: 43 Resp: 111843

Ion Ratio Lower Upper

43 100

74 29.9 23.9 35.9

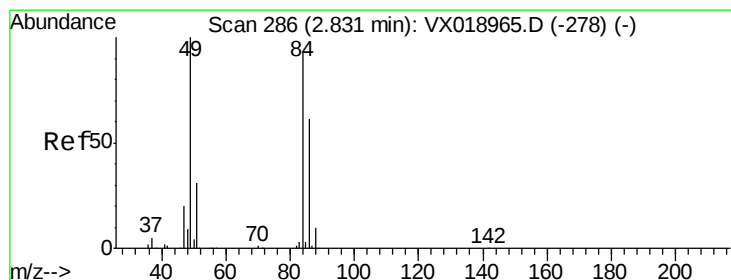
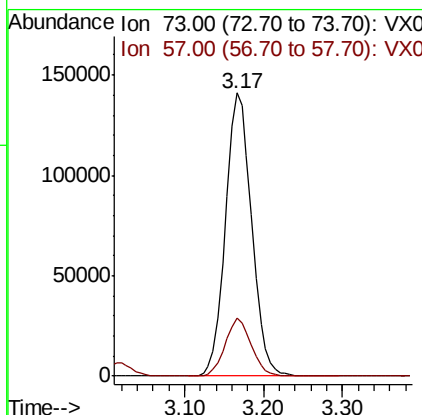
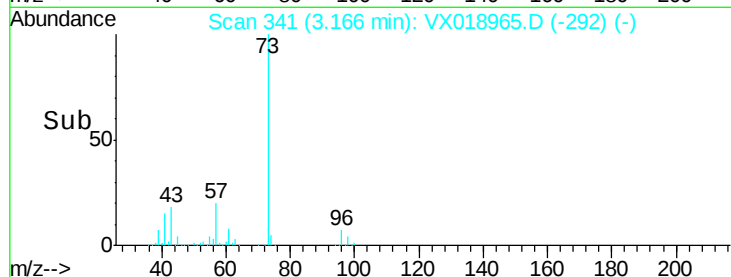
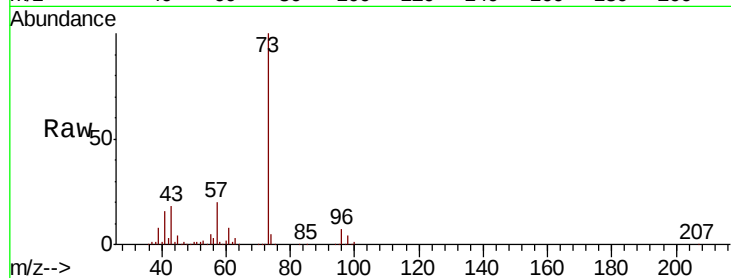




#19
Methyl tert-butyl Ether
Concen: 48.926 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

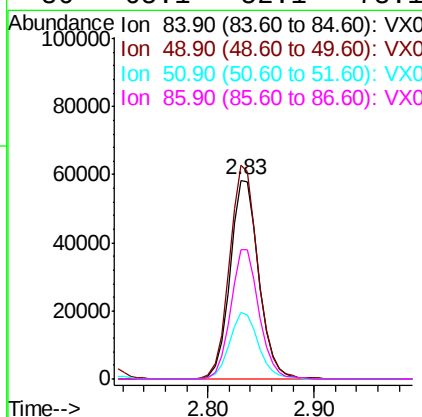
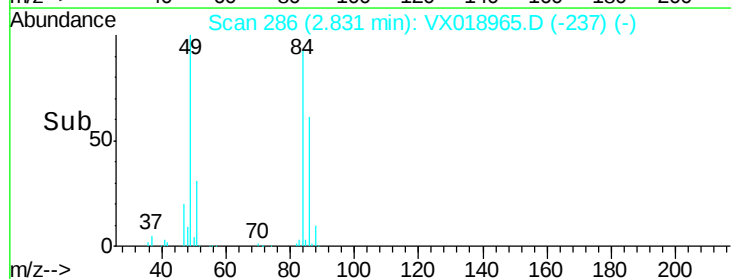
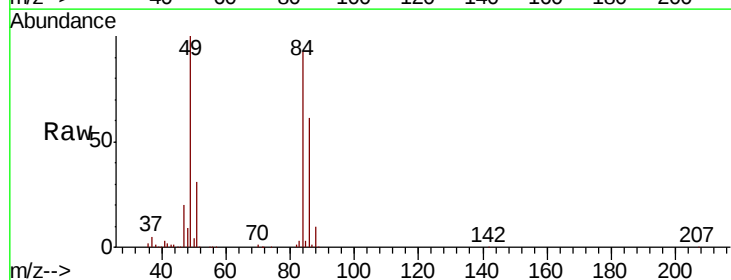
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

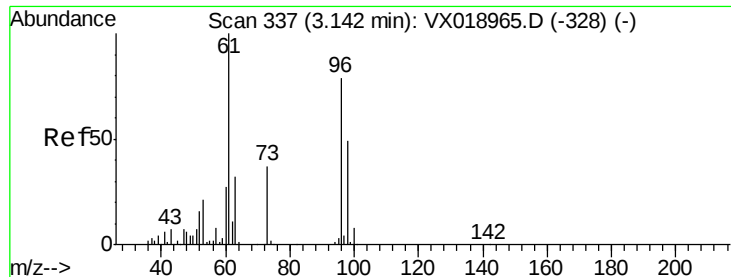
Tot Ion: 73 Resp: 325562
Ion Ratio Lower Upper
73 100
57 20.3 16.2 24.4



#20
Methylene Chloride
Concen: 46.794 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion: 84 Resp: 110492
Ion Ratio Lower Upper
84 100
49 107.5 86.0 129.0
51 33.7 27.0 40.4
86 65.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 48.404 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

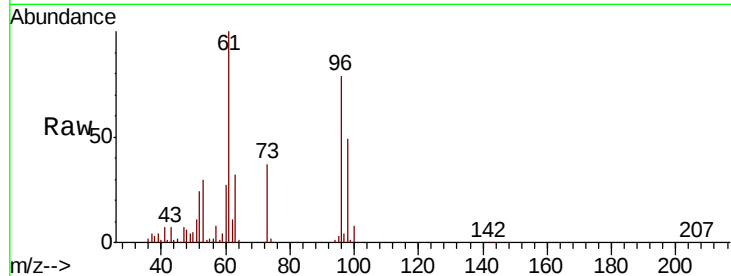
Tot Ion: 96 Resp: 114994

Ion Ratio Lower Upper

96 100

61 126.4 101.1 151.7

98 61.8 49.4 74.2

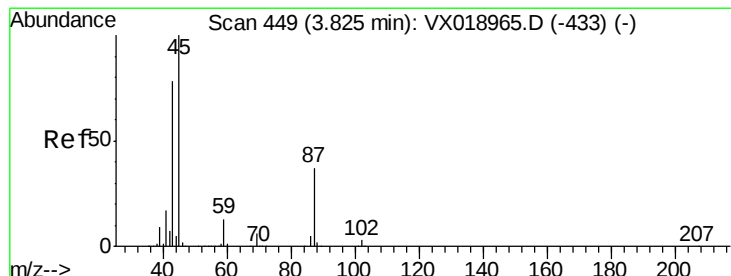
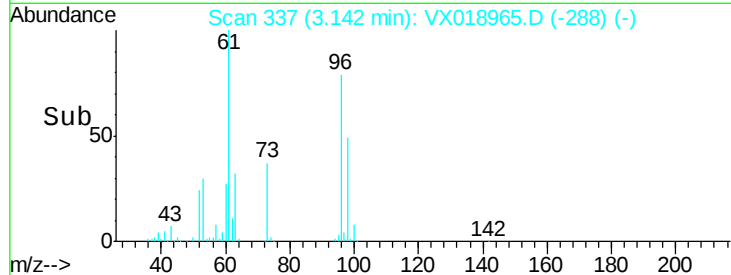
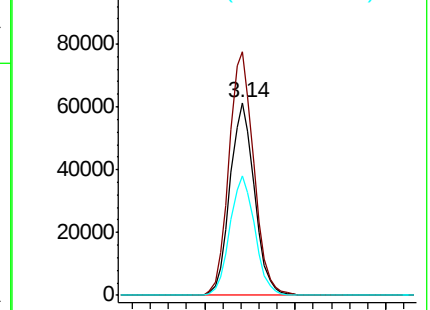


Abundance

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: 48.373 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Tgt Ion: 45 Resp: 277372

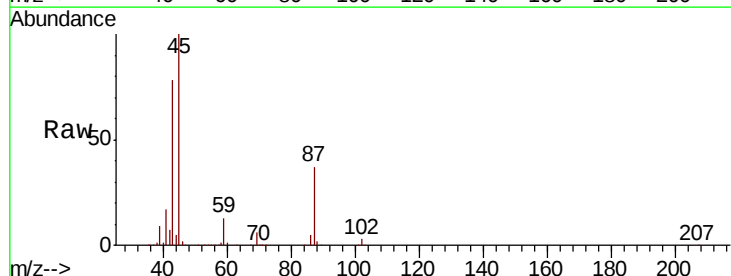
Ion Ratio Lower Upper

45 100

43 77.8 62.2 93.4

87 37.2 29.8 44.6

59 13.1 10.5 15.7



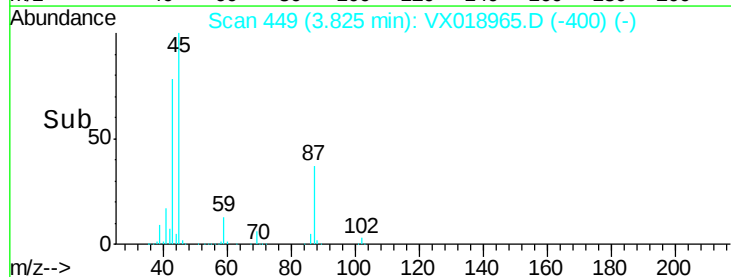
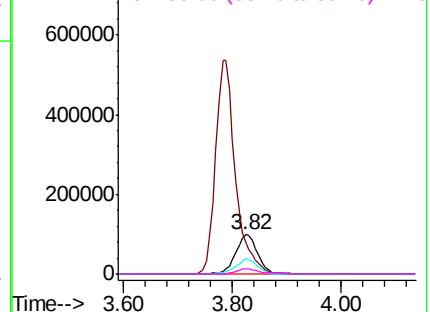
Abundance

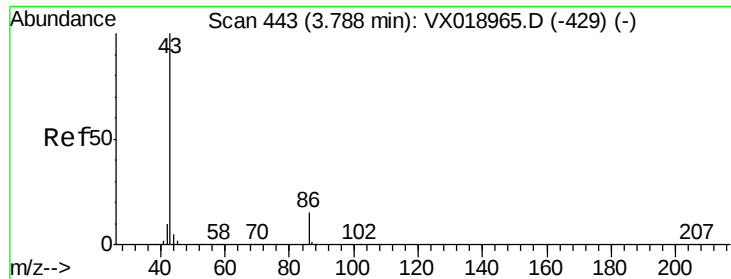
Ion 45.00 (44.70 to 45.70): VX0

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: 245.653 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

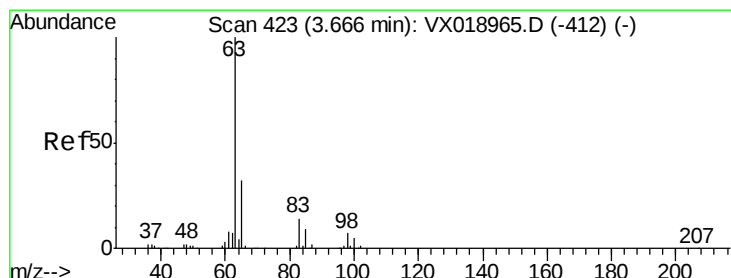
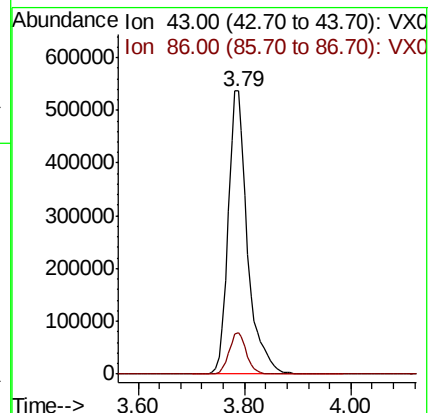
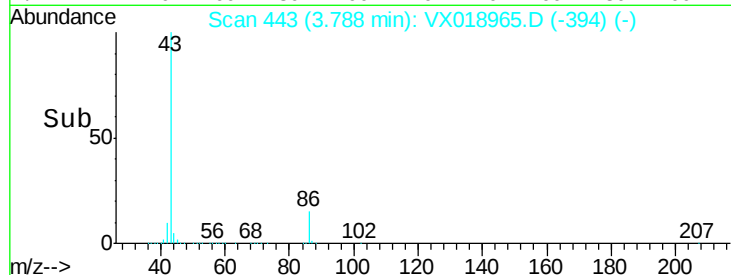
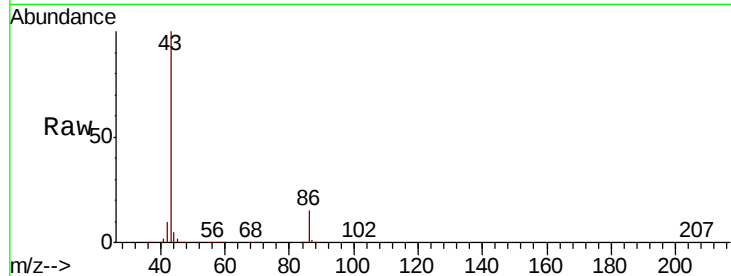
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 1359802

Ion Ratio Lower Upper

43 100

86 14.6 11.7 17.5



#24

1,1-Dichloroethane

Concen: 48.882 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

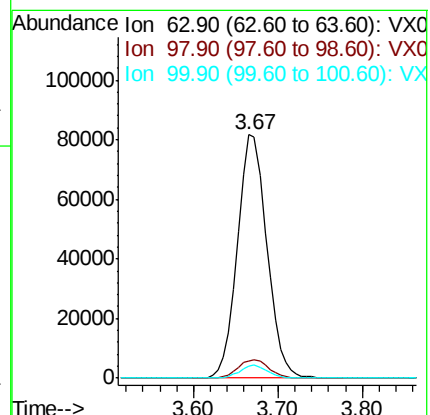
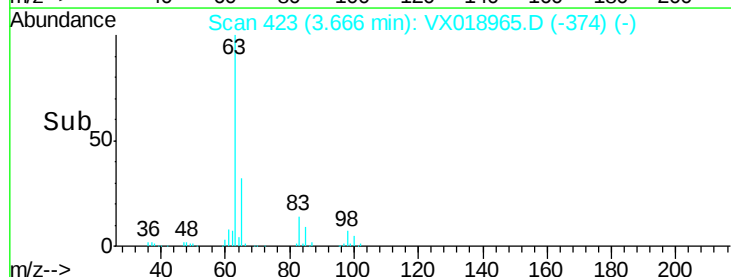
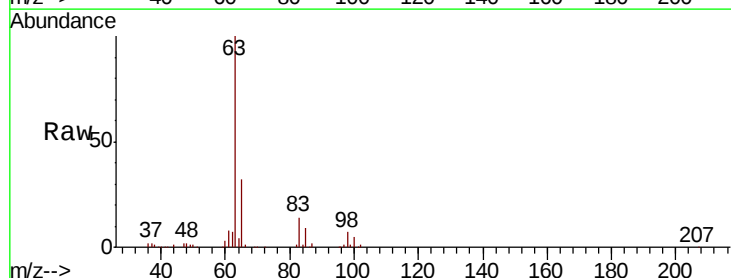
Tgt Ion: 63 Resp: 192866

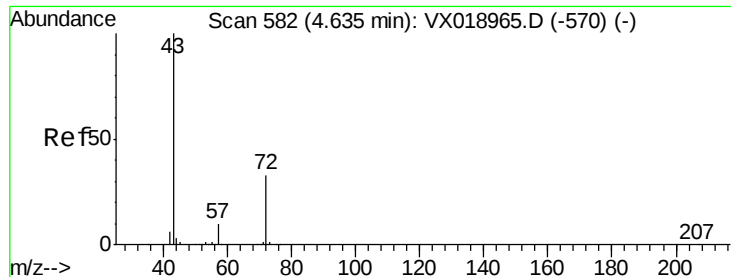
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 240.499 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

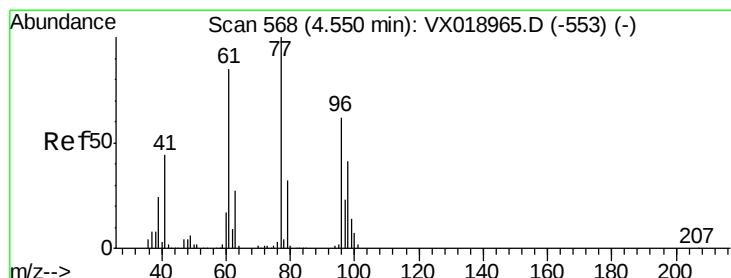
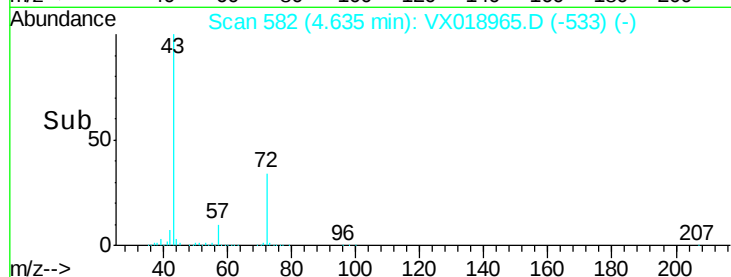
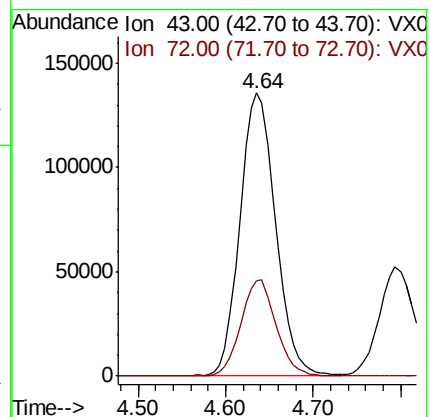
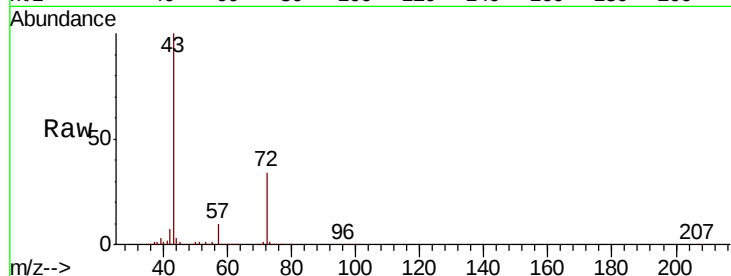
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 383282

Ion Ratio Lower Upper

43 100

72 33.5 26.8 40.2



#26

2,2-Dichloropropane

Concen: 49.908 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018965.D

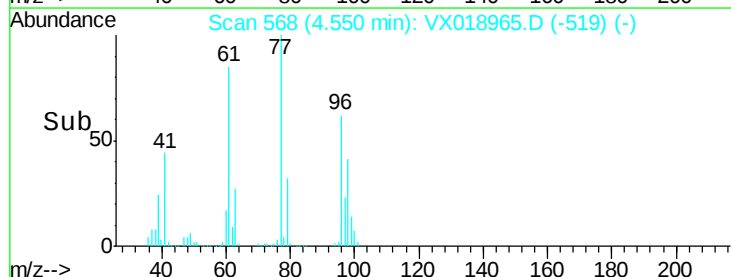
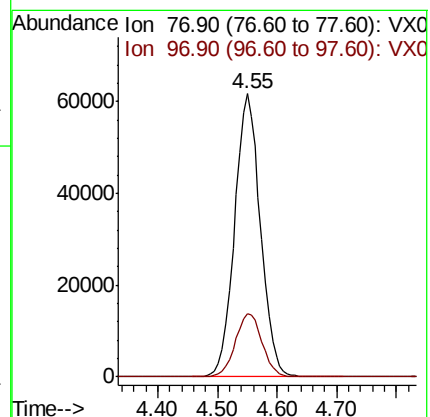
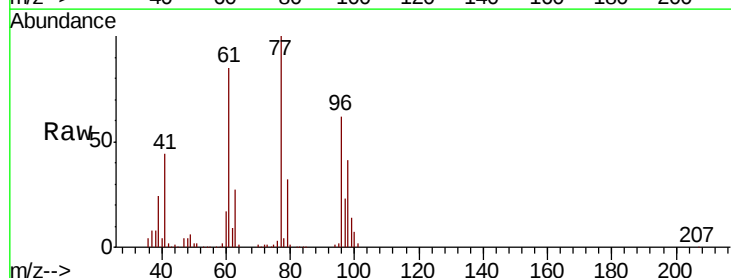
Acq: 20 Oct 2020 11:14

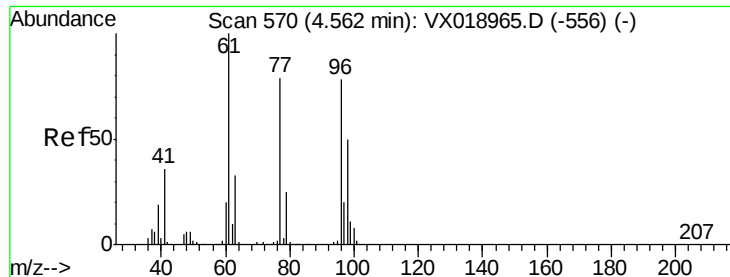
Tgt Ion: 77 Resp: 185330

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8



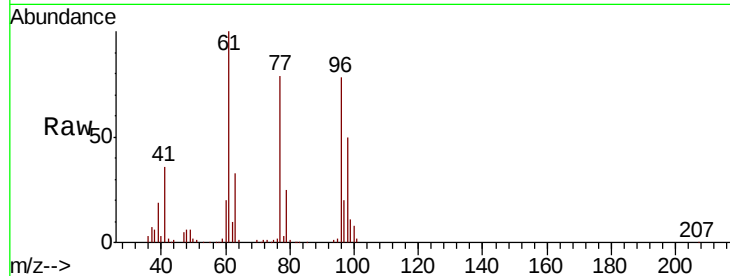


#27

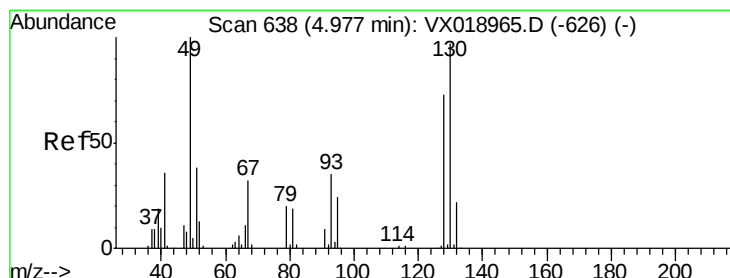
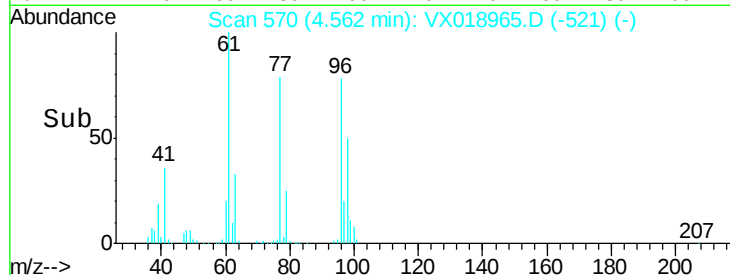
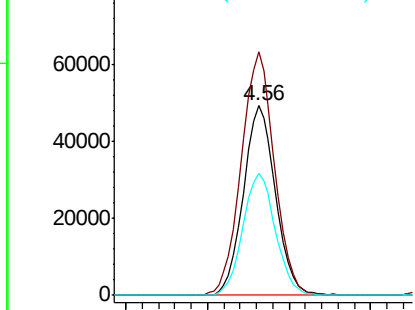
cis-1,2-Dichloroethene
 Concen: 49.176 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	266.4
98	65.4	0.0	130.8



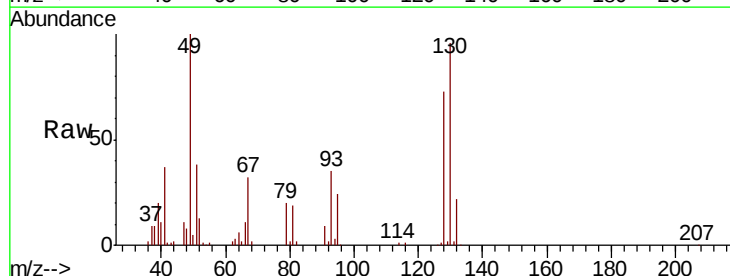
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



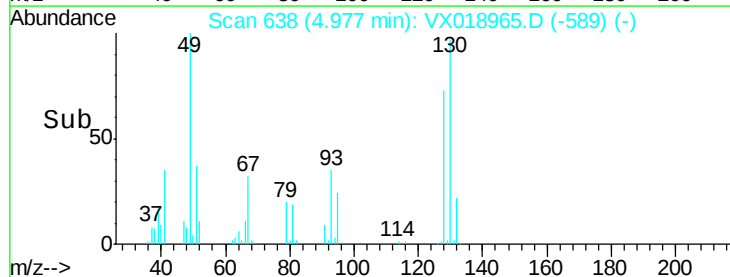
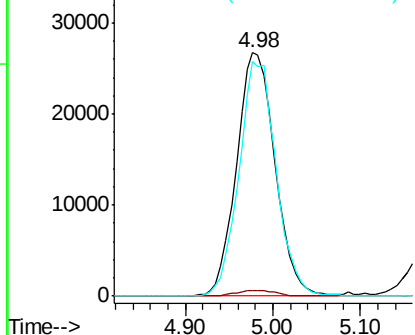
#28

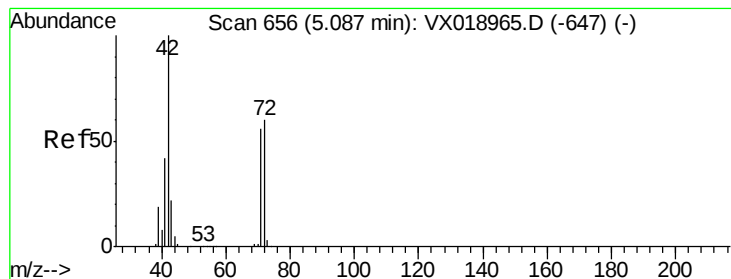
Bromochloromethane
 Concen: 49.255 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	93.2	74.6	111.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 236.954 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

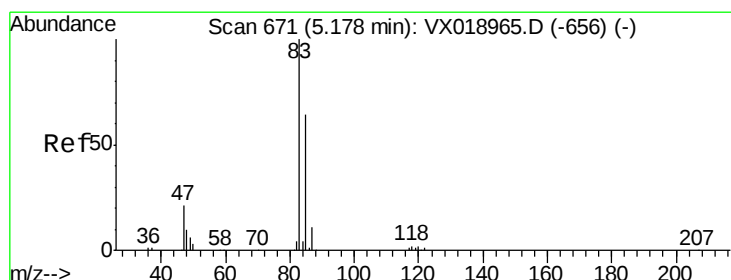
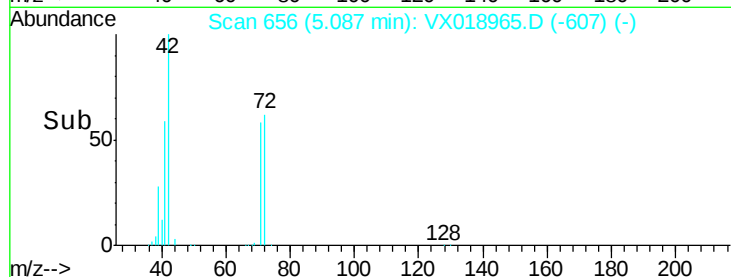
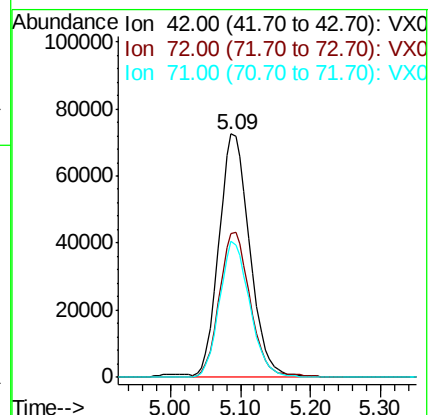
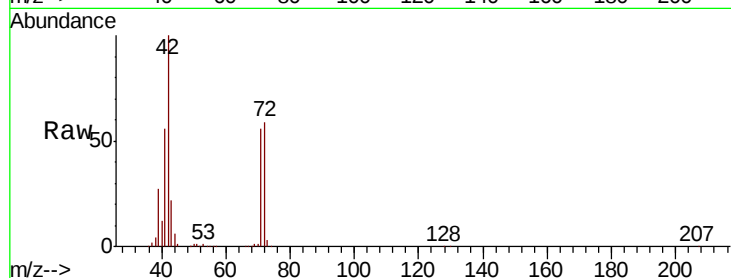
Tot Ion: 42 Resp: 220689

Ion Ratio Lower Upper

42 100

72 60.3 48.2 72.4

71 55.2 44.2 66.2



#30

Chloroform

Concen: 50.269 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018965.D

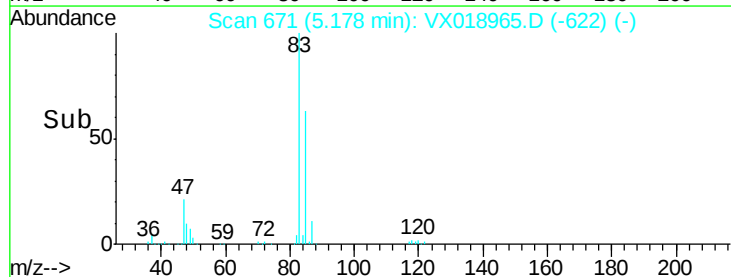
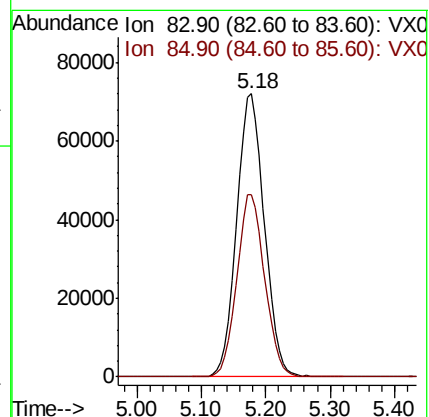
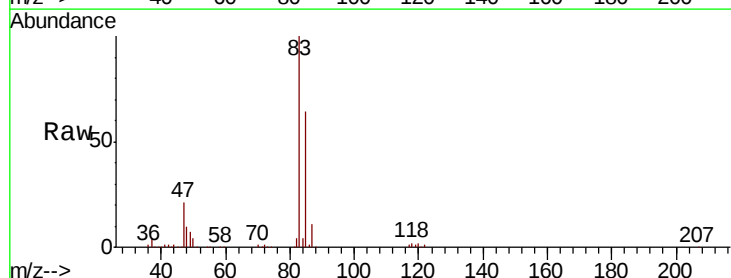
Acq: 20 Oct 2020 11:14

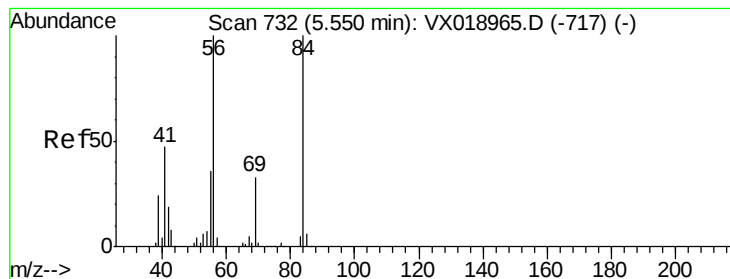
Tgt Ion: 83 Resp: 215513

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0





#31

Cvclohexane

Concen: 49.829 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

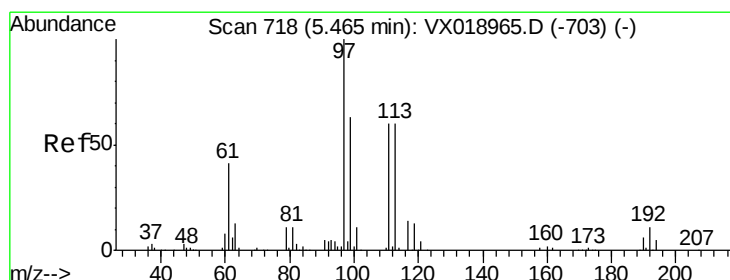
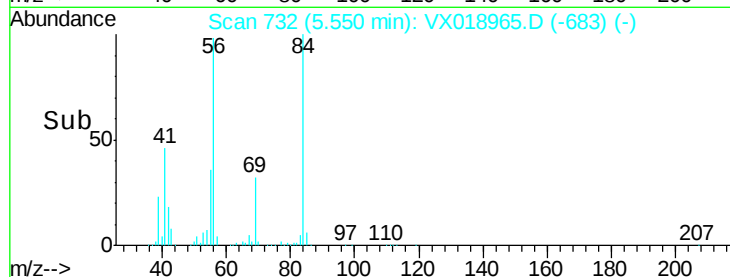
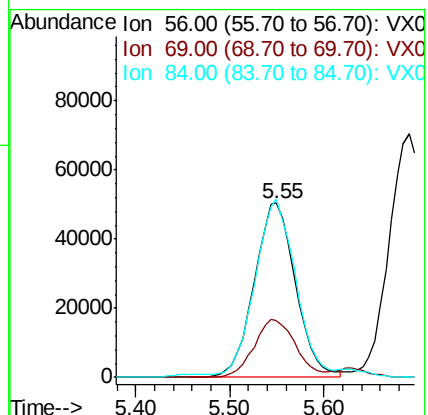
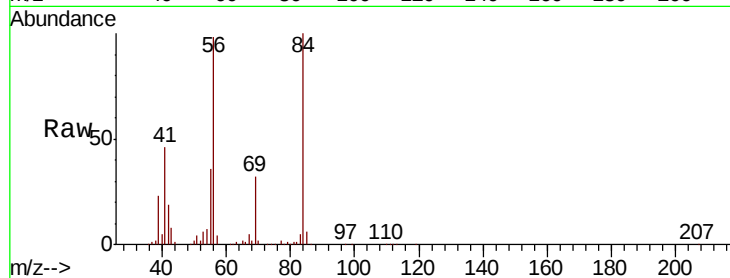
Tot Ion: 56 Resp: 155358

Ion Ratio Lower Upper

56 100

69 32.7 26.2 39.2

84 100.2 80.2 120.2



#32

1,1,1-Trichloroethane

Concen: 50.488 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

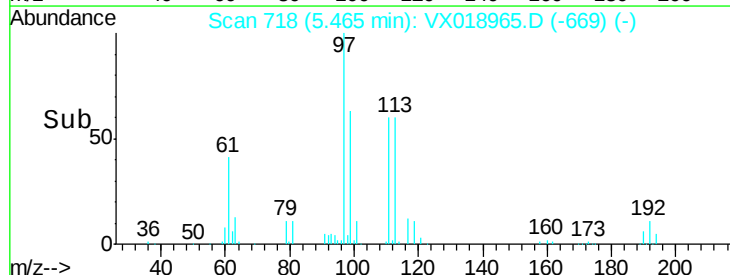
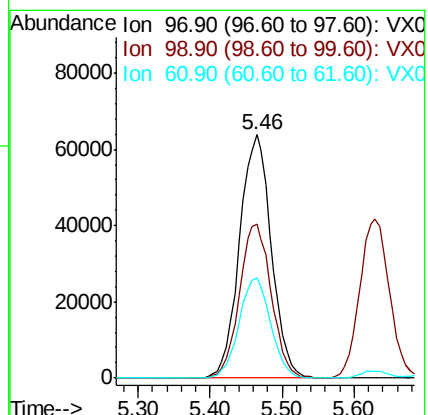
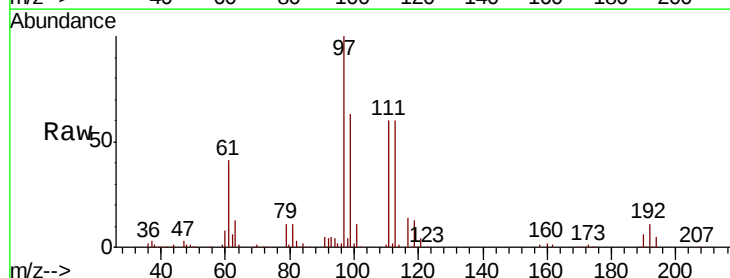
Tgt Ion: 97 Resp: 195172

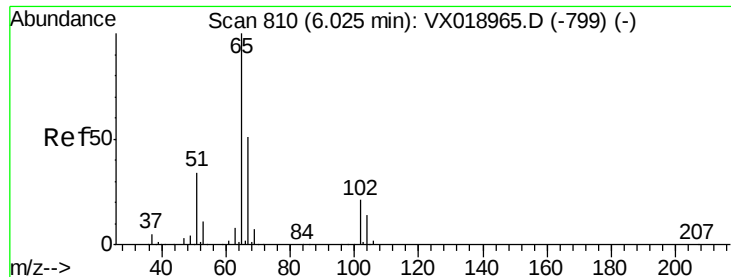
Ion Ratio Lower Upper

97 100

99 63.5 50.8 76.2

61 41.1 32.9 49.3

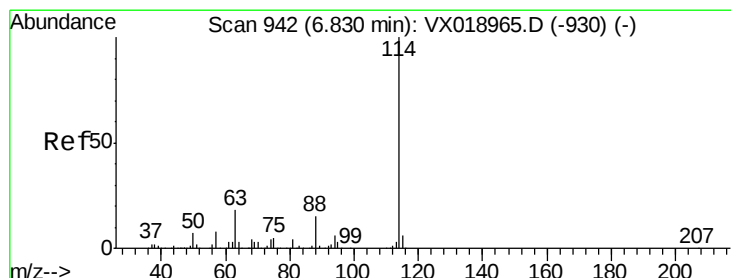
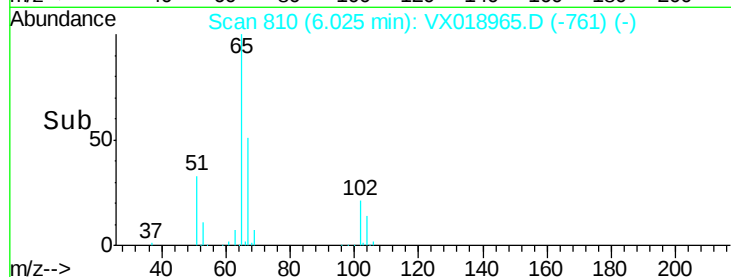
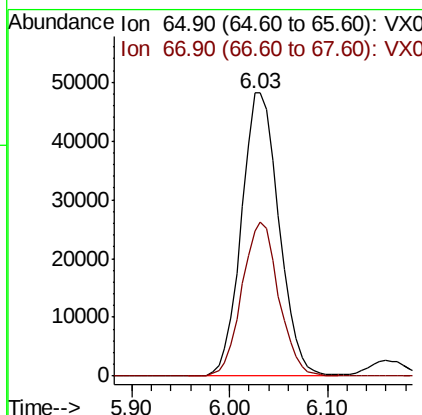
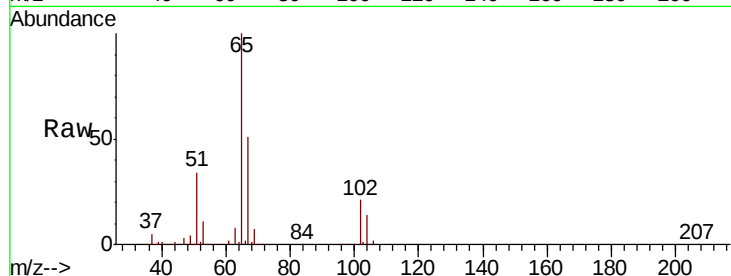




#33
 1,2-Dichloroethane-d4
 Concen: 50.014 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

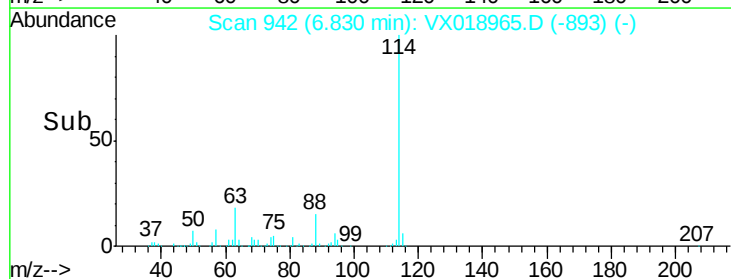
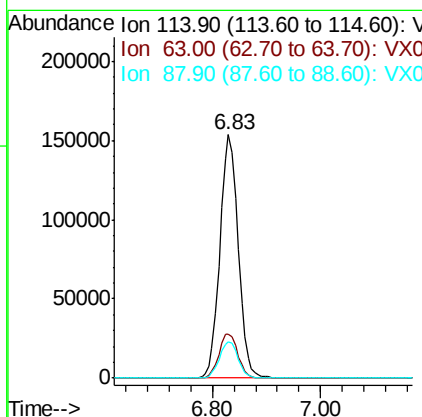
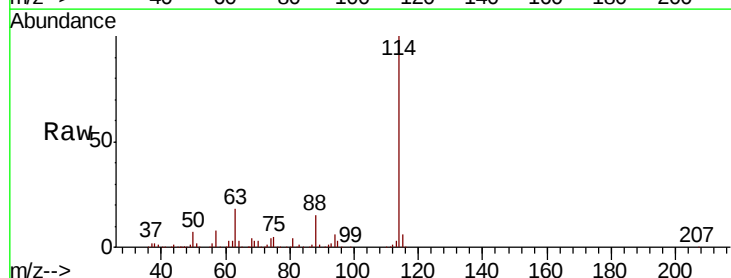
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

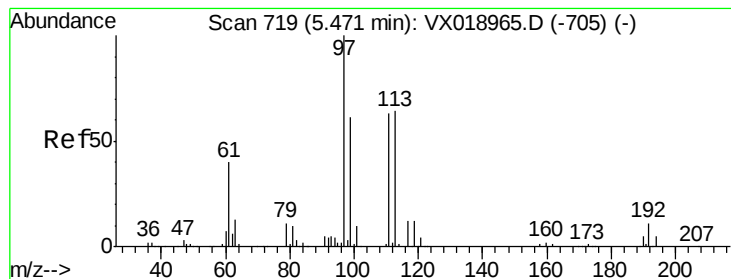
Tot Ion: 65 Resp: 128568
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

Tgt Ion: 114 Resp: 359389
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.6
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.482 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

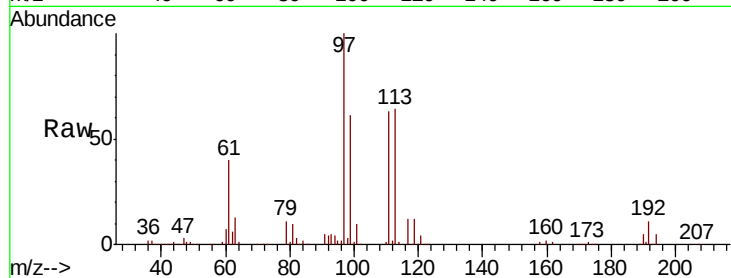
Tot Ion:113 Resp: 108608

Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

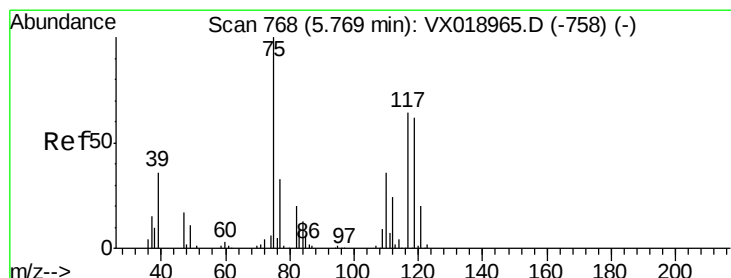
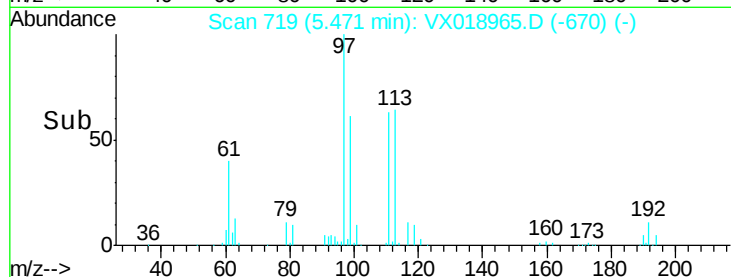
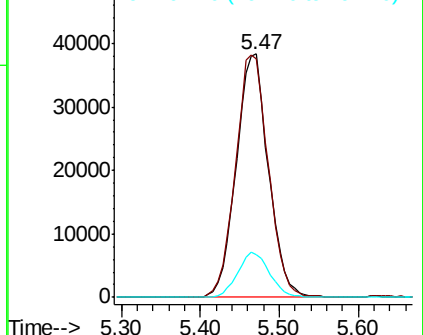
192 18.3 14.6 22.0



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: 47.939 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

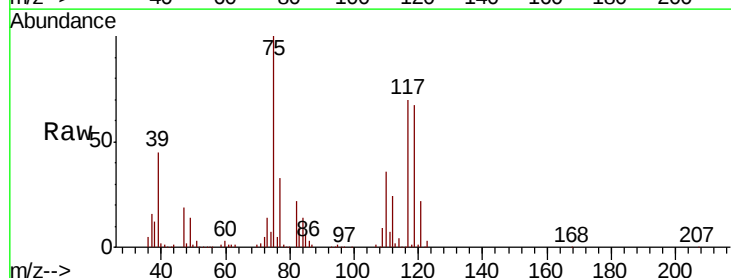
Tgt Ion: 75 Resp: 163197

Ion Ratio Lower Upper

75 100

110 36.6 18.3 54.9

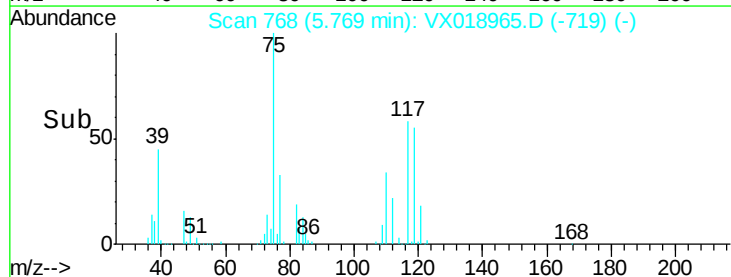
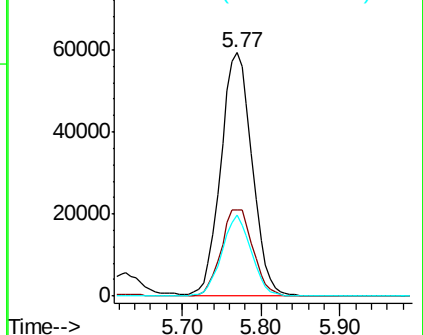
77 31.6 25.3 37.9

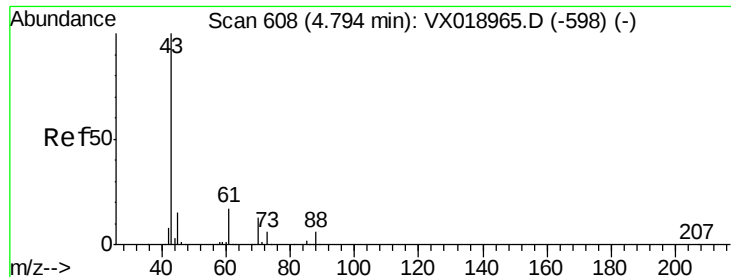


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

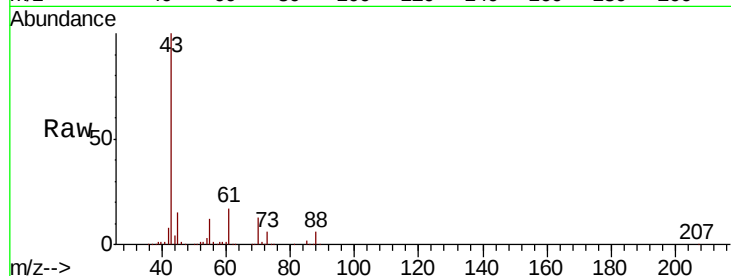




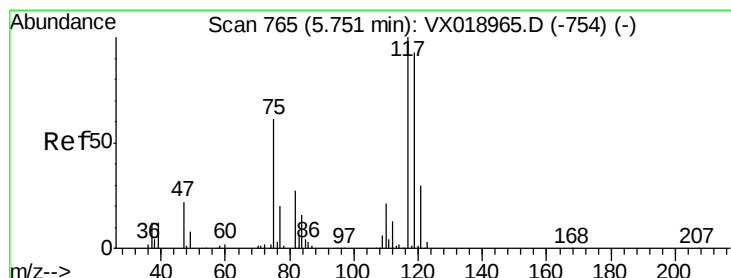
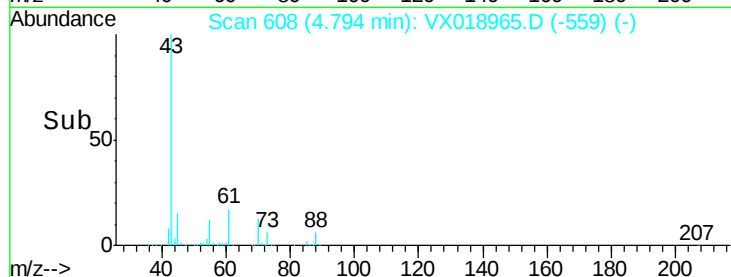
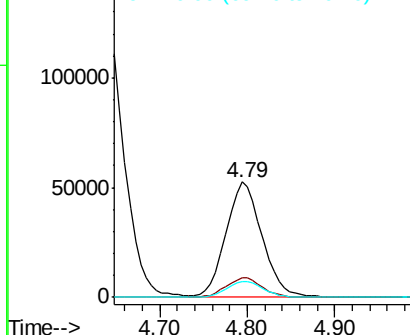
#37
Ethyl Acetate
Concen: 44.724 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

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

Tot Ion: 43 Resp: 149128
Ion Ratio Lower Upper
43 100
61 17.3 13.8 20.8
70 14.0 11.2 16.8

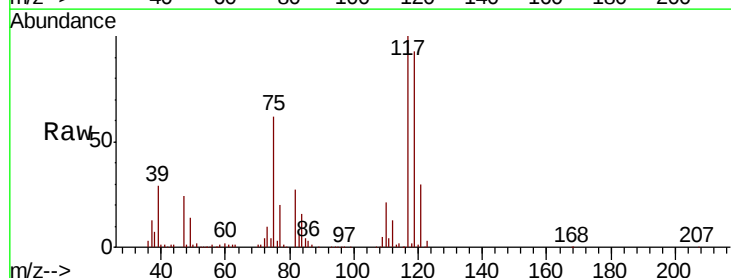


Abundance Ion 43.00 (42.70 to 43.70): VX0
150000 Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

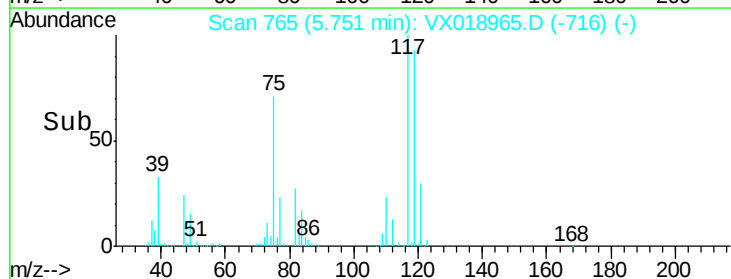
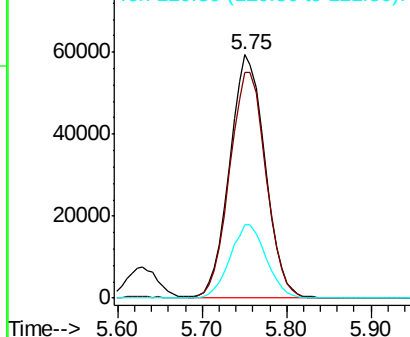


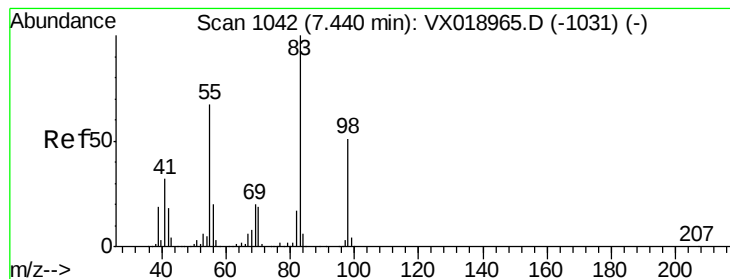
#38
Carbon Tetrachloride
Concen: 48.467 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion: 117 Resp: 169593
Ion Ratio Lower Upper
117 100
119 92.8 74.2 111.4
121 30.2 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
80000 Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

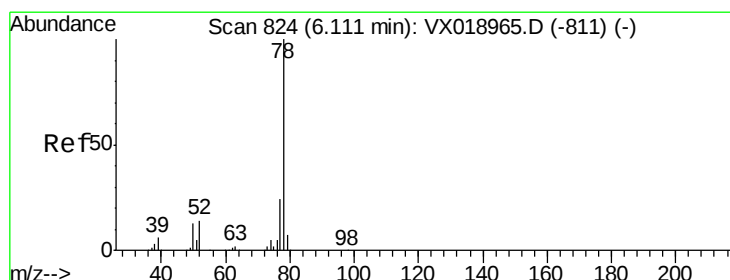
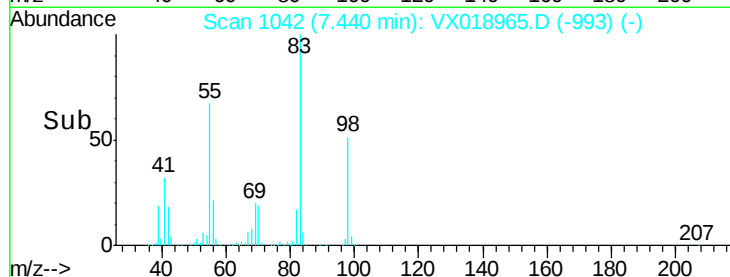
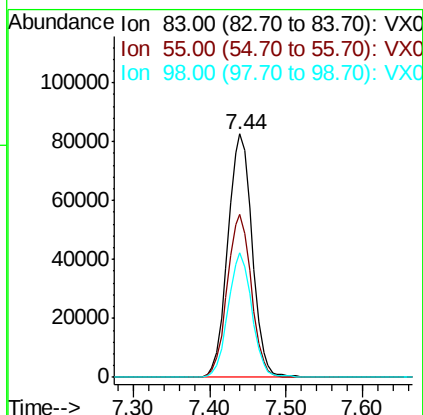
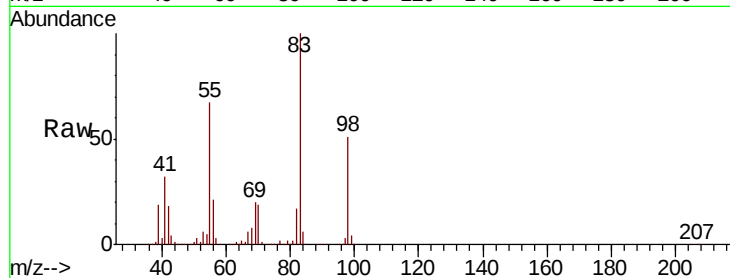




#39
Methvlcvclohexane
Concen: 49.631 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

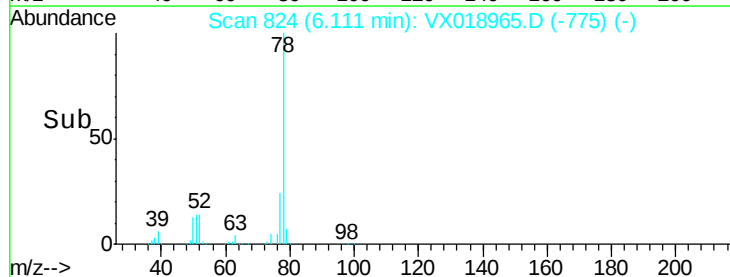
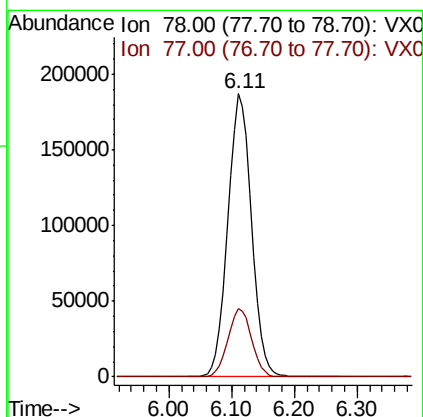
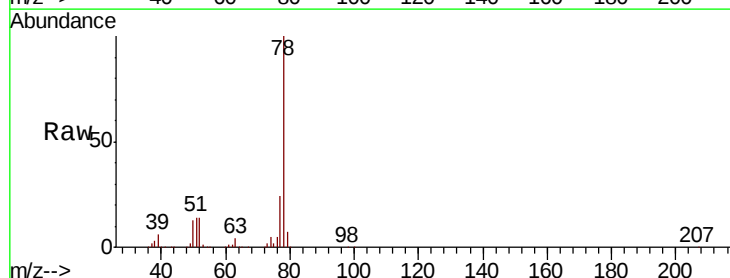
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

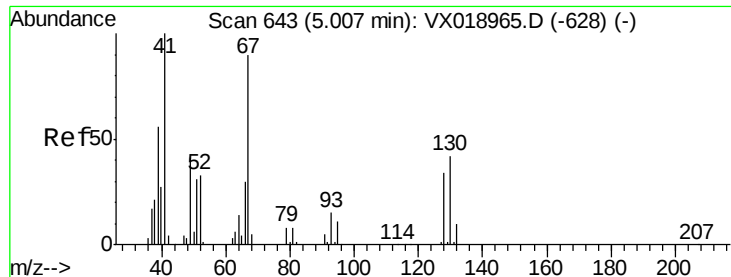
Tot Ion: 83 Resp: 182066
Ion Ratio Lower Upper
83 100
55 67.0 53.6 80.4
98 51.3 41.0 61.6



#40
Benzene
Concen: 49.758 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion: 78 Resp: 488068
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2

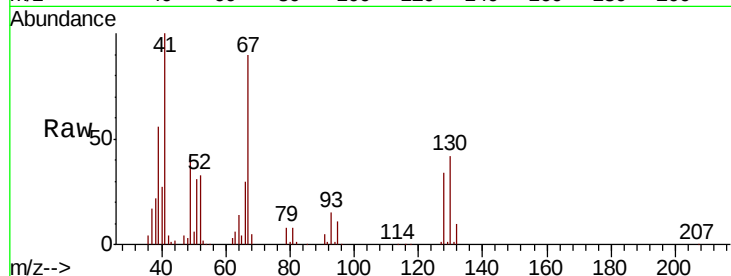




#41
Methacrylonitrile
Concen: 45.361 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

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

Tot Ion:	41	Resp:	78187
Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.4	66.6
67	93.7	75.0	112.4
52	35.0	28.0	42.0



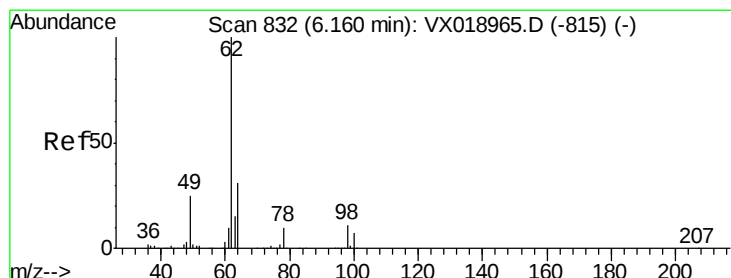
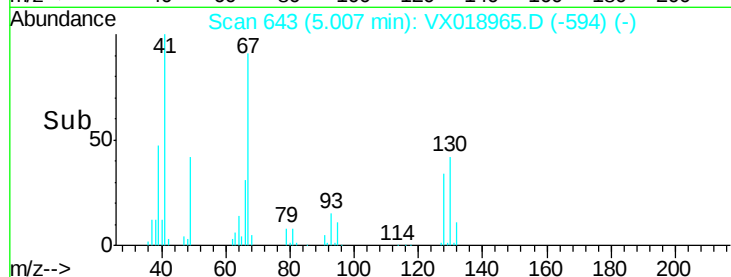
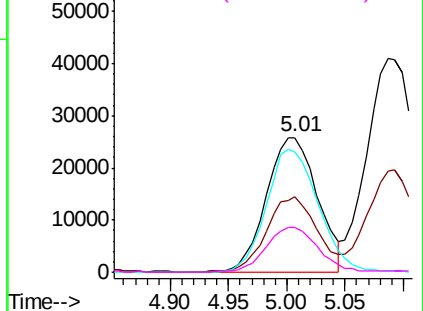
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

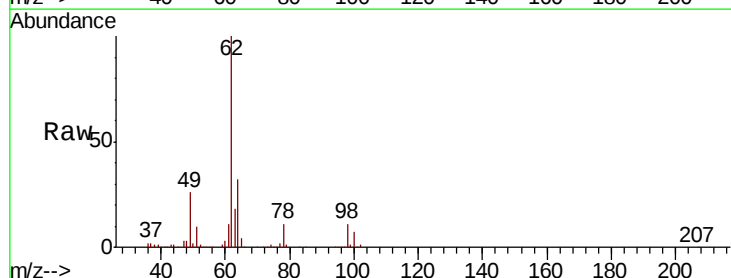
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 50.168 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

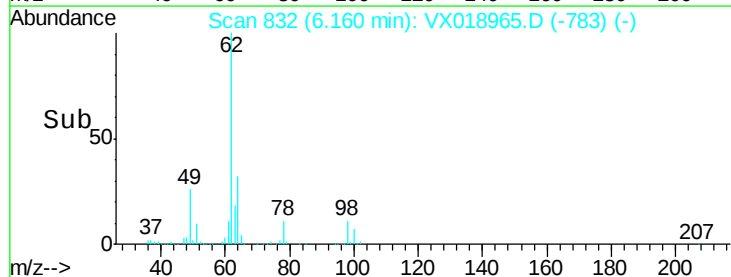
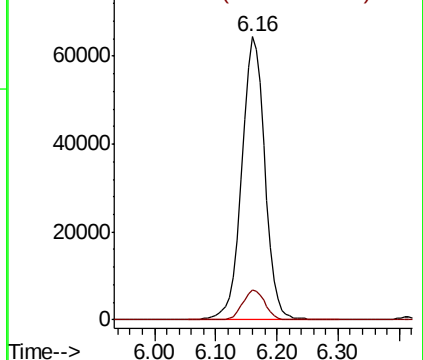
Tgt Ion:	62	Resp:	168715
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

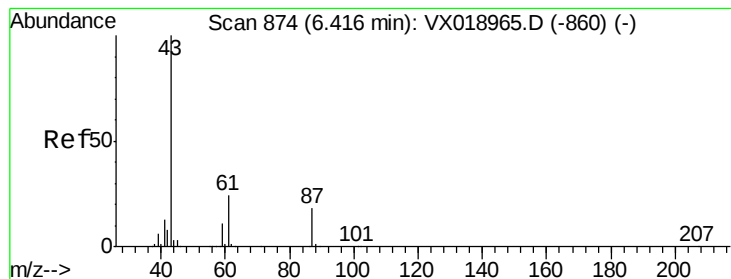


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.430 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

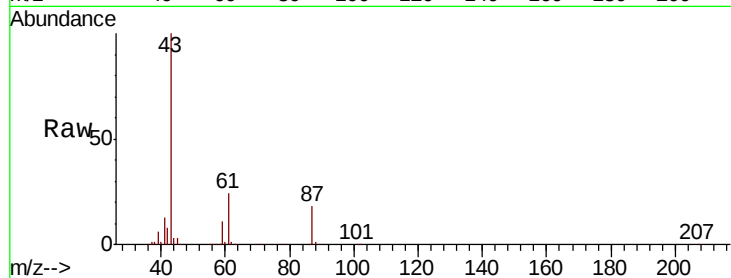
Tot Ion: 43 Resp: 249730

Ion Ratio Lower Upper

43 100

61 24.0 19.2 28.8

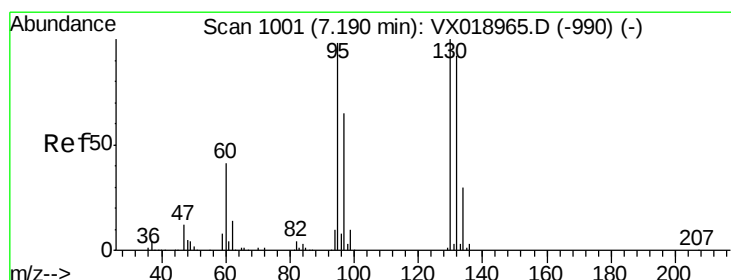
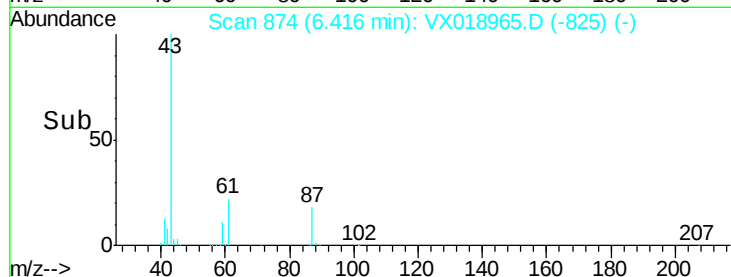
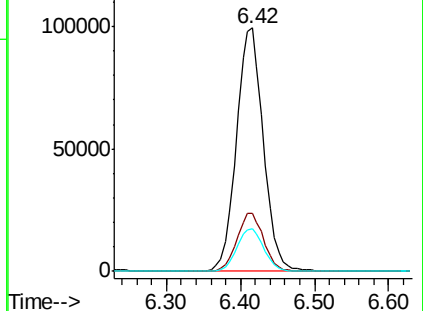
87 17.8 14.2 21.4



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: 48.611 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018965.D

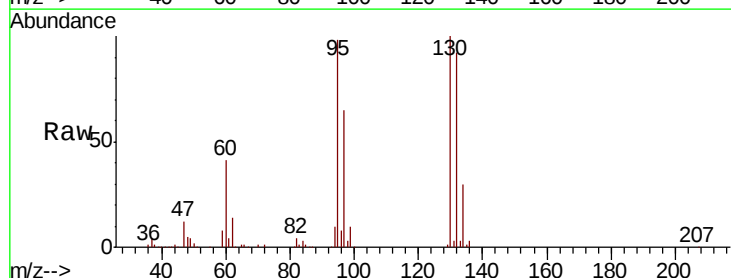
Acq: 20 Oct 2020 11:14

Tgt Ion:130 Resp: 132136

Ion Ratio Lower Upper

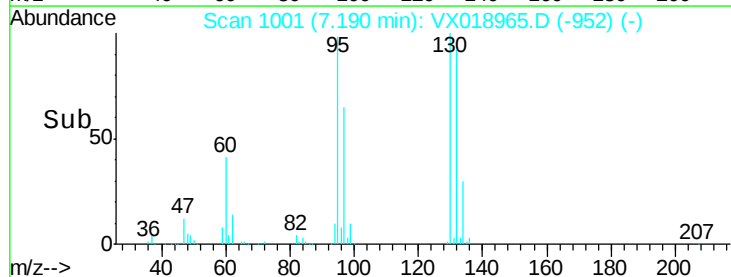
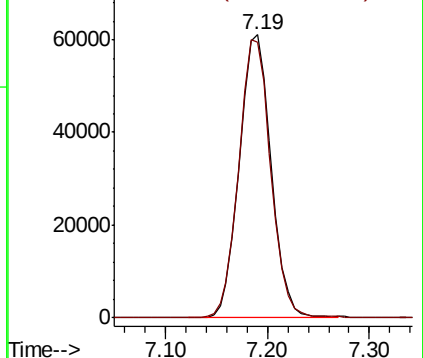
130 100

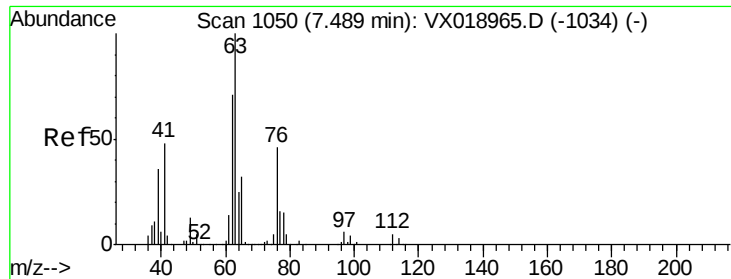
95 97.5 0.0 195.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

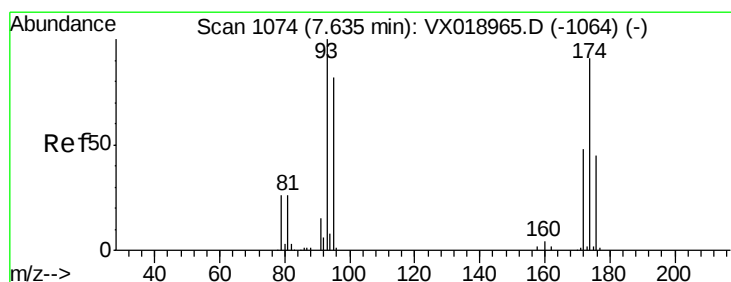
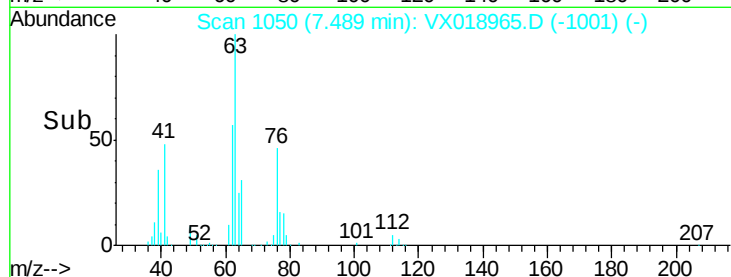
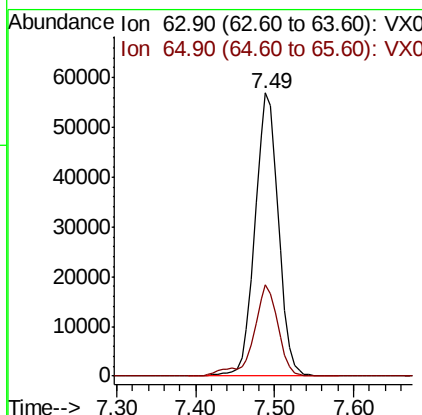
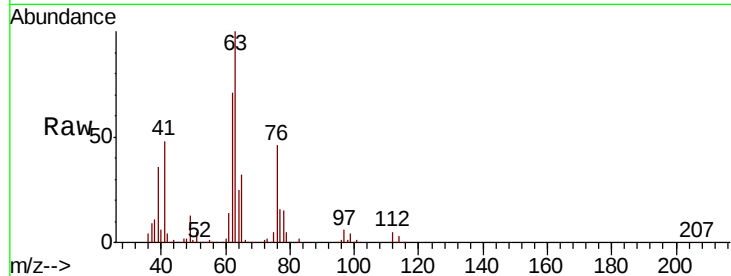




#45
 1,2-Dichloropropane
 Concen: 48.513 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

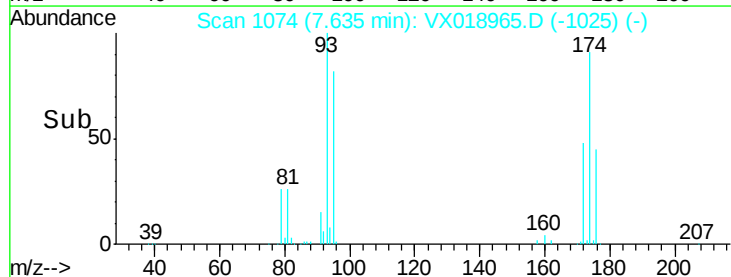
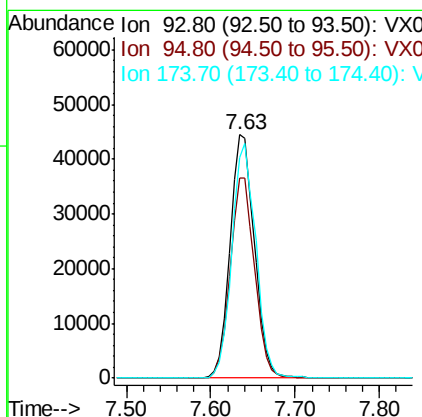
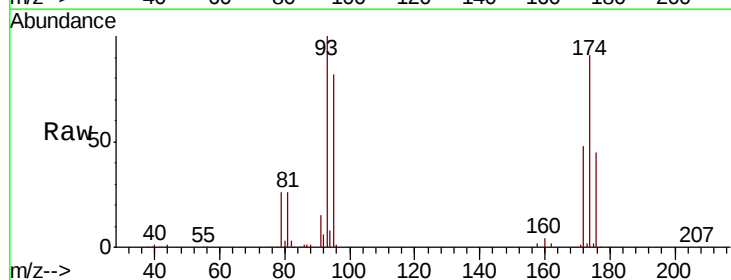
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

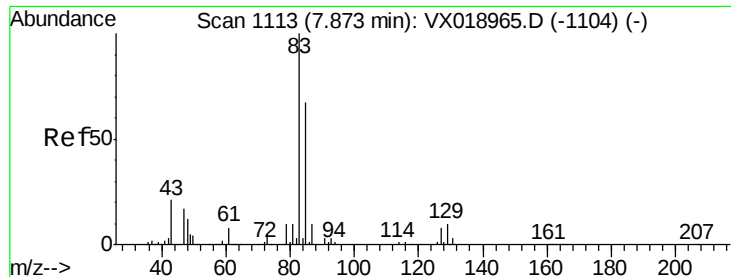
Tot Ion: 63 Resp: 117639
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.8 38.6



#46
 Dibromomethane
 Concen: 50.073 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

Tgt Ion: 93 Resp: 87057
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.7 98.5
 174 94.3 75.4 113.2

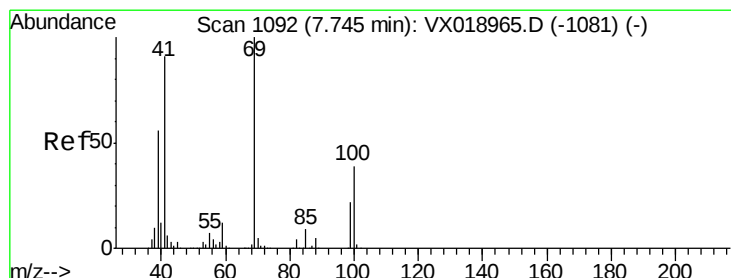
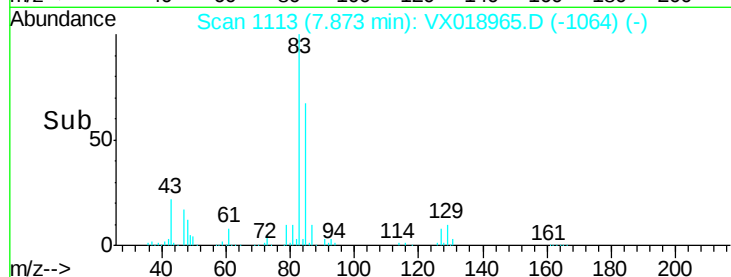
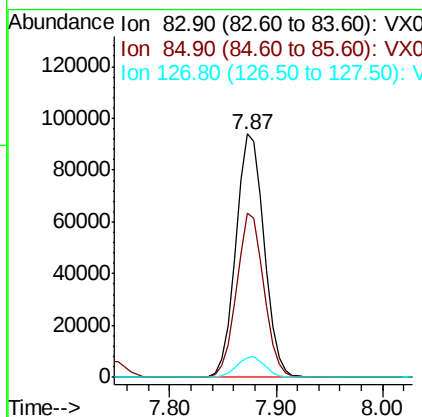
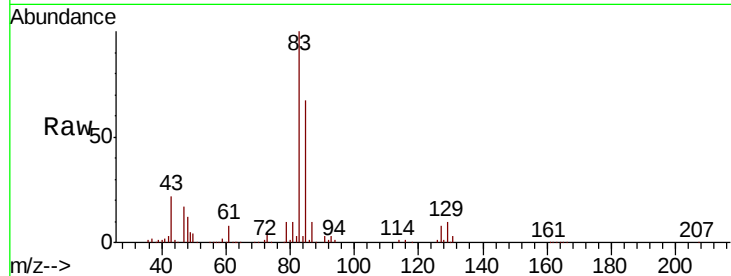




#47
Bromodichloromethane
Concen: 50.007 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

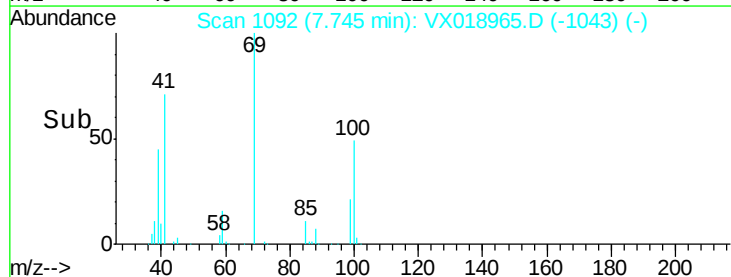
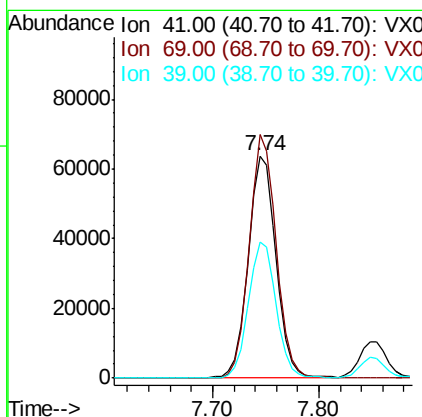
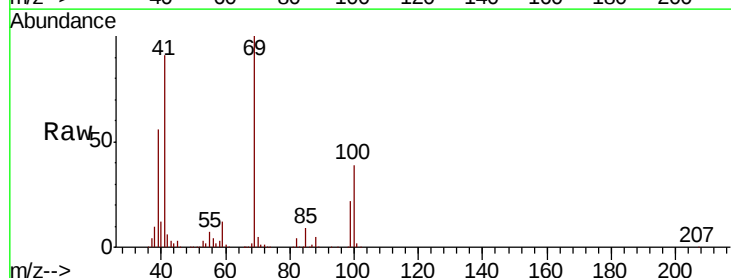
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

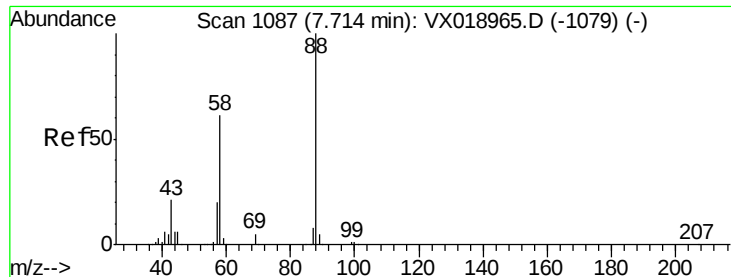
Tot Ion: 83 Resp: 175482
Ion Ratio Lower Upper
83 100
85 67.2 53.8 80.6
127 8.1 6.5 9.7



#48
Methyl methacrylate
Concen: 46.605 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion: 41 Resp: 116333
Ion Ratio Lower Upper
41 100
69 107.2 85.8 128.6
39 61.2 49.0 73.4





#49

1,4-Dioxane

Concen: 956.116 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

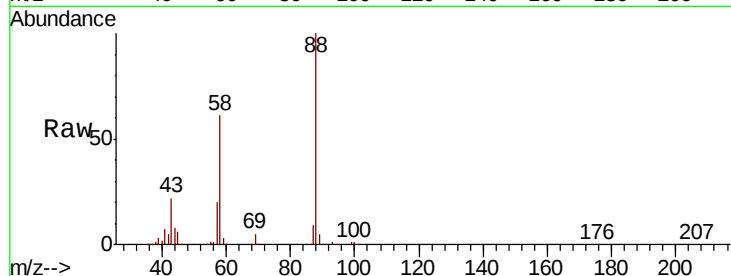
Tot Ion: 88 Resp: 54634

Ion Ratio Lower Upper

88 100

43 26.3 21.0 31.6

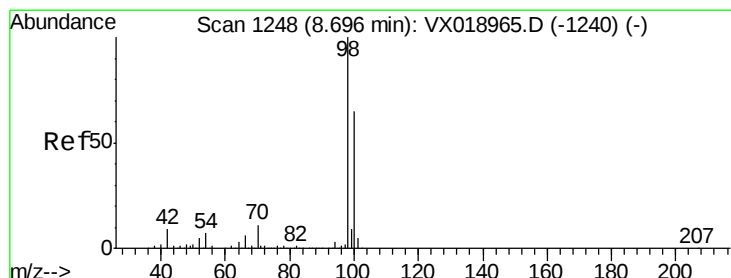
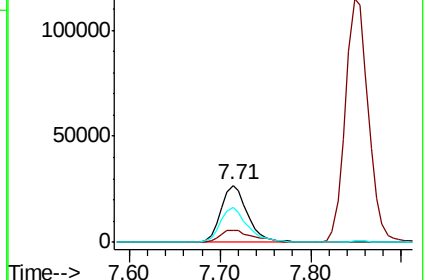
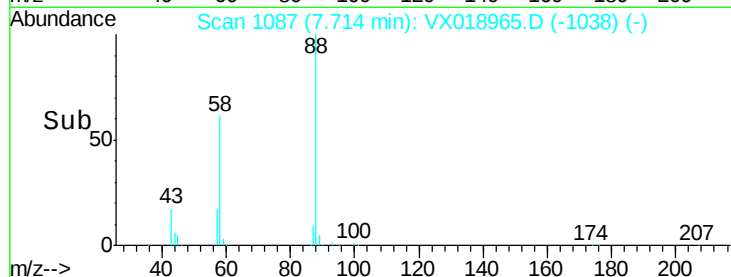
58 62.6 50.1 75.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.319 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018965.D

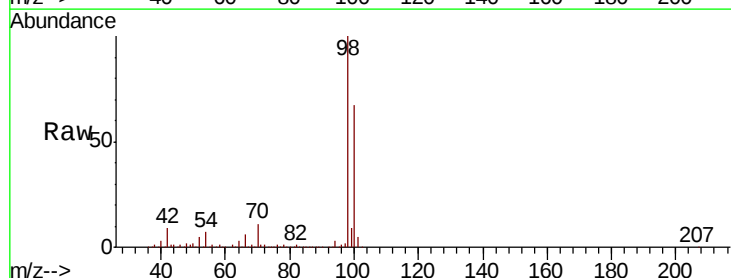
Acq: 20 Oct 2020 11:14

Tgt Ion: 98 Resp: 428030

Ion Ratio Lower Upper

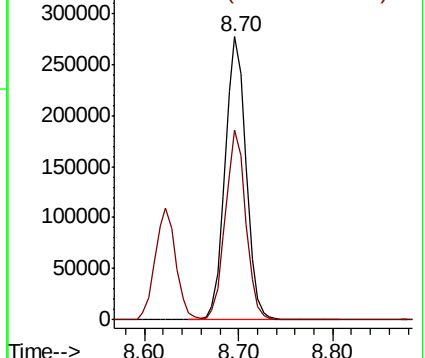
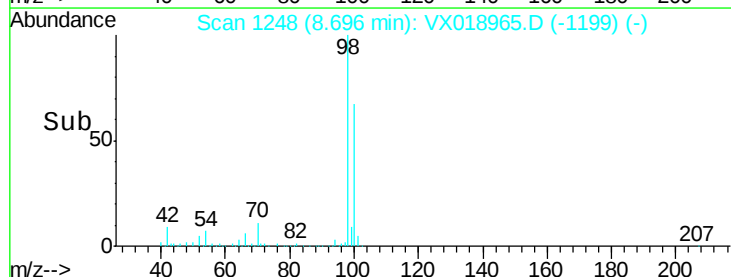
98 100

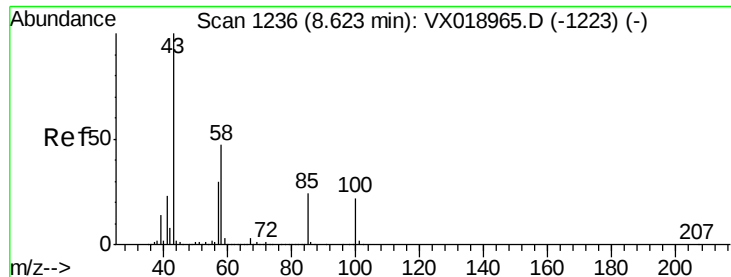
100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 243.758 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

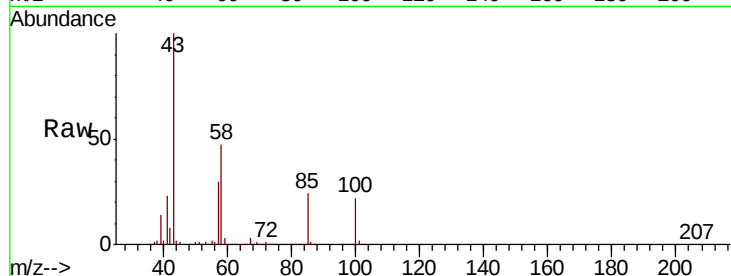
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 43 Resp: 762606

Ion Ratio Lower Upper

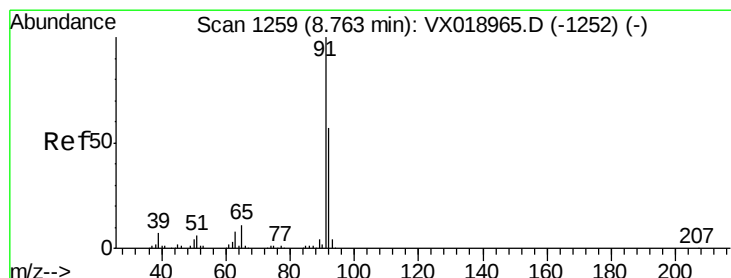
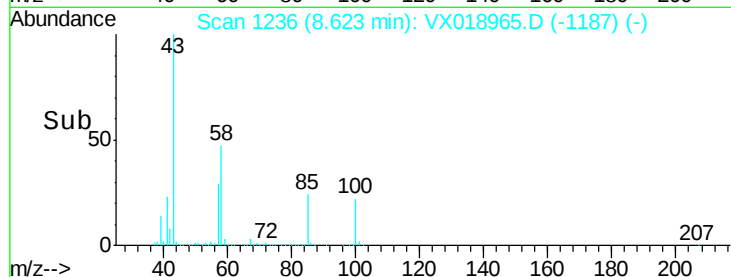
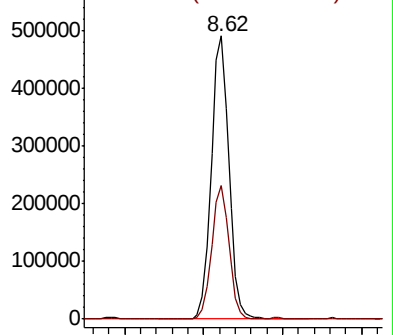
43 100

58 46.5 37.2 55.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.623 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018965.D

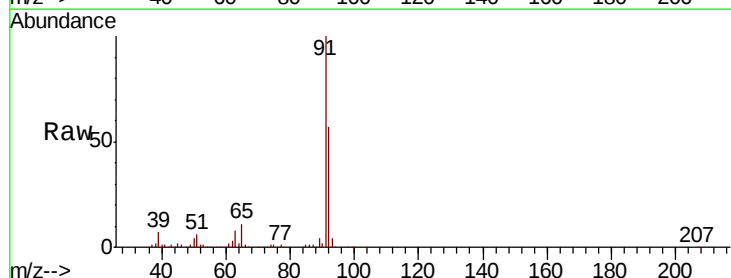
Acq: 20 Oct 2020 11:14

Tgt Ion: 92 Resp: 328037

Ion Ratio Lower Upper

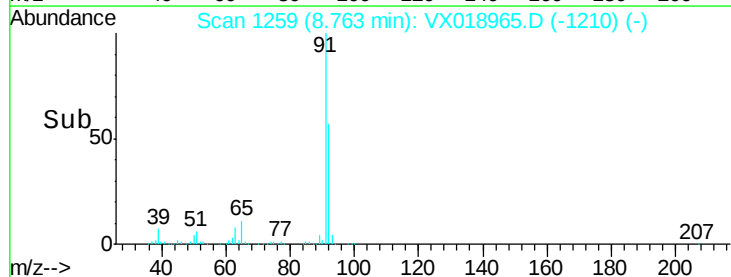
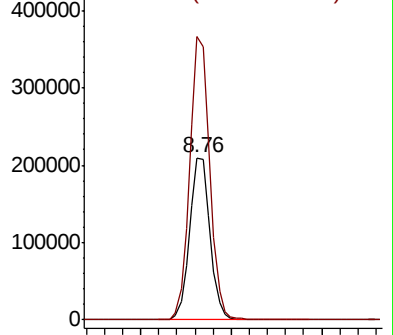
92 100

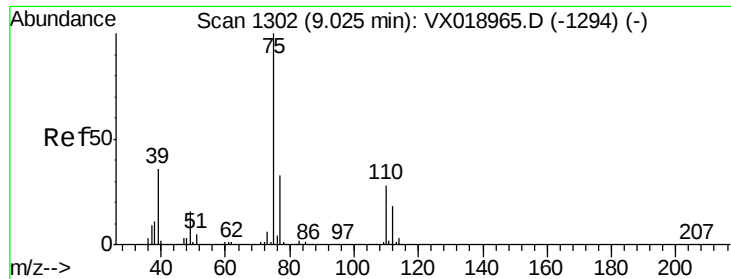
91 171.9 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.171 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

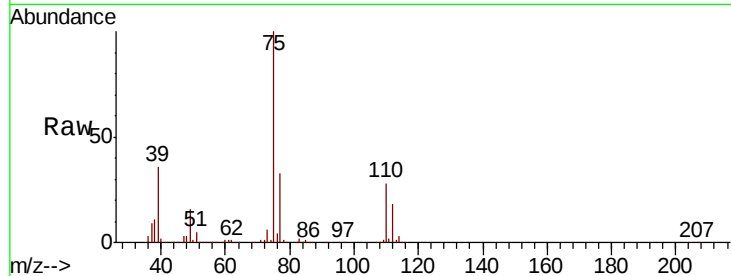
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 75 Resp: 203974

Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

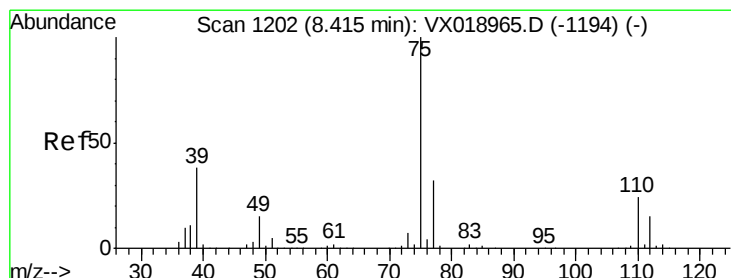
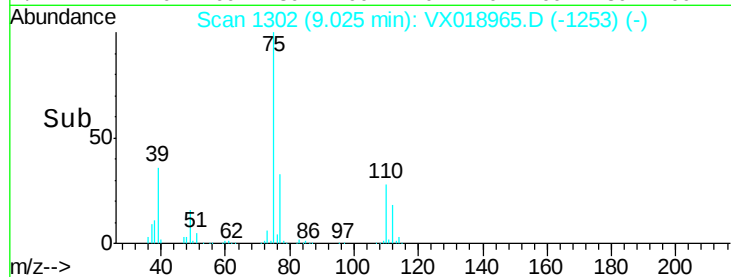
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 49.976 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

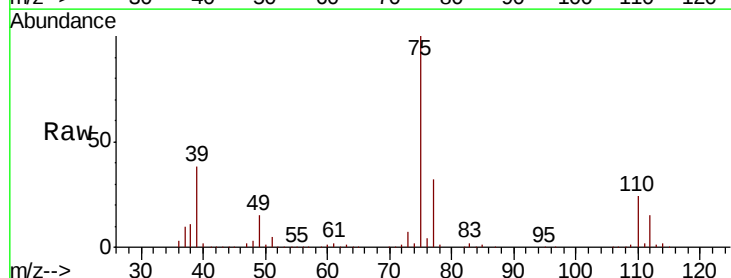
Tgt Ion: 75 Resp: 210168

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 38.4 30.7 46.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

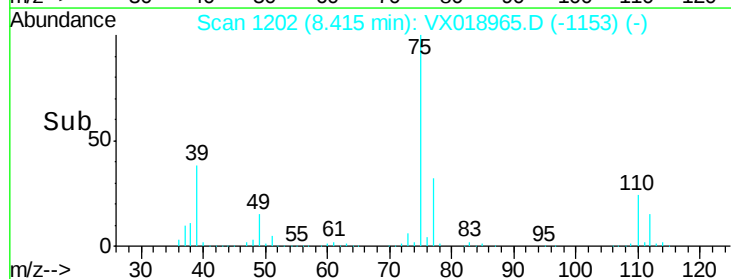
150000

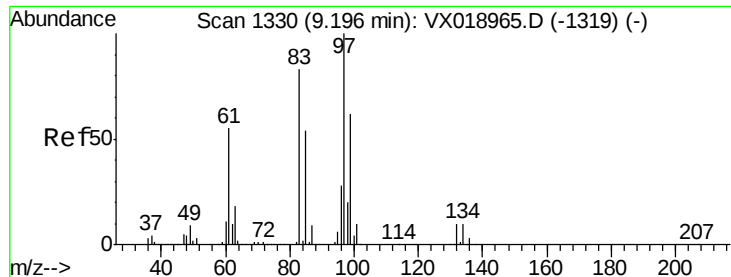
100000

50000

0

Time--> 8.35 8.40 8.45 8.50

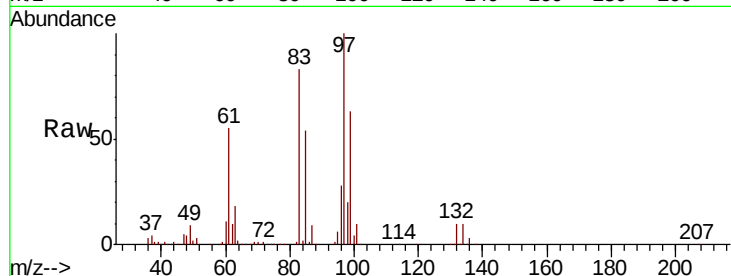




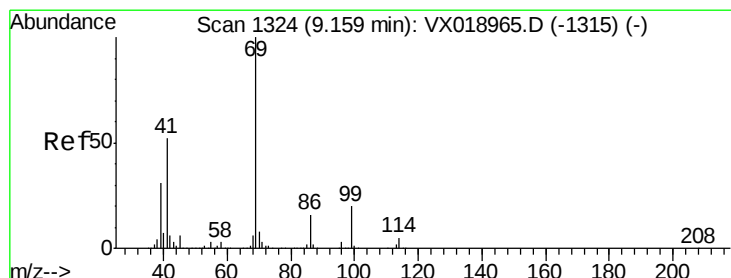
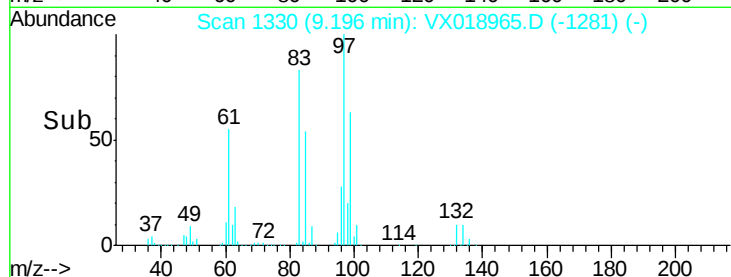
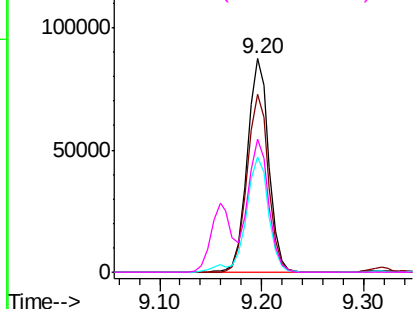
#55
 1,1,2-Trichloroethane
 Concen: 51.599 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

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

Tot Ion:	97	Resp:	128512
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.6	99.8
85	53.9	43.1	64.7
99	62.6	50.1	75.1

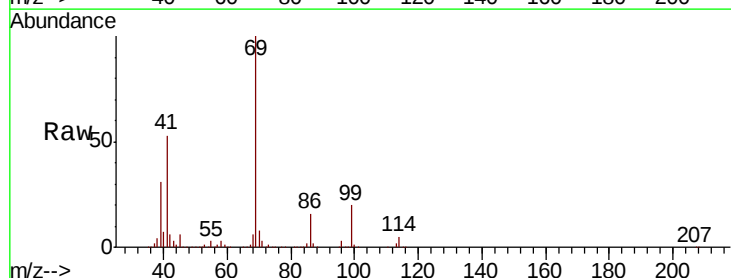


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

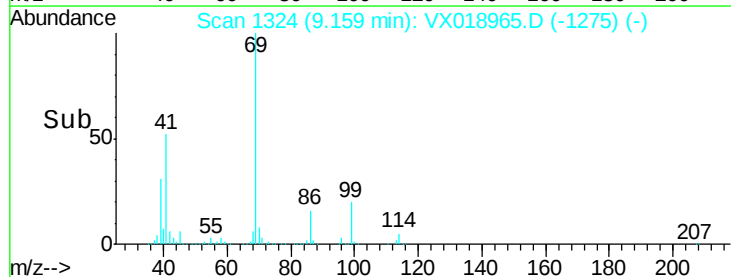
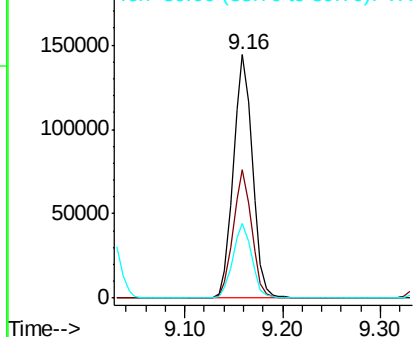


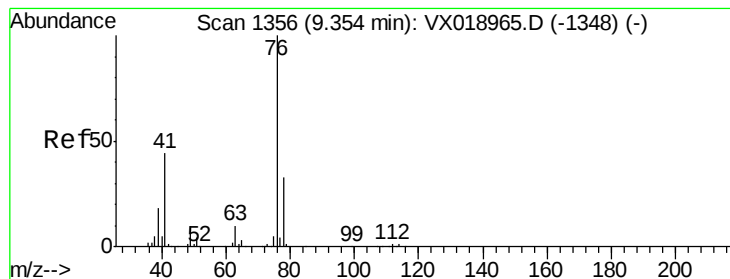
#56
 Ethyl methacrylate
 Concen: 51.331 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

Tgt Ion:	69	Resp:	195716
Ion	Ratio	Lower	Upper
69	100		
41	51.2	41.0	61.4
39	30.5	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: 50.536 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

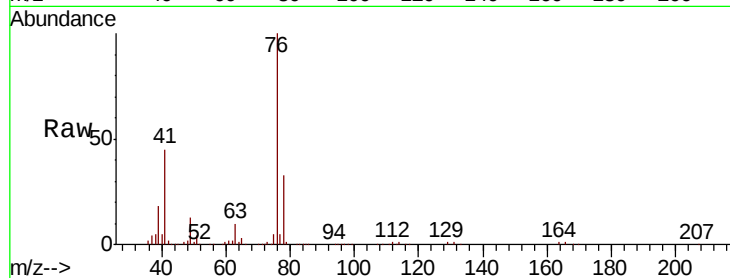
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 76 Resp: 211604

Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

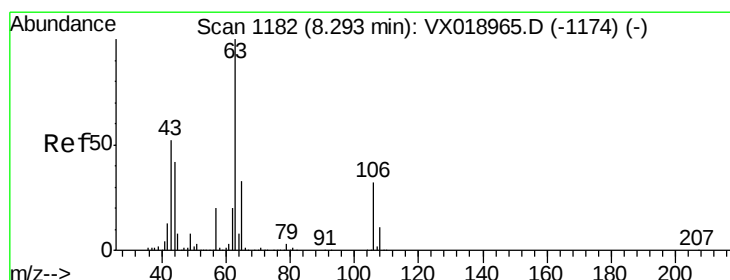
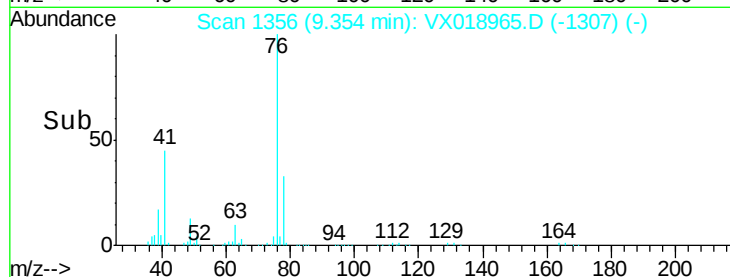
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 242.383 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018965.D

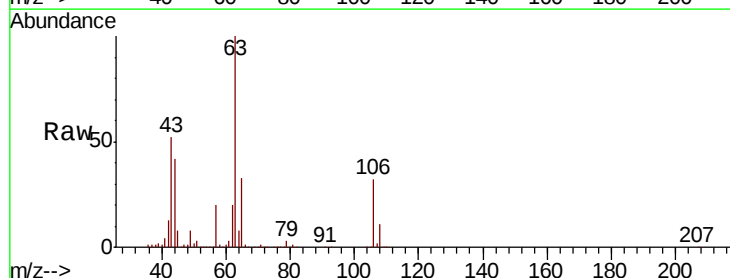
Acq: 20 Oct 2020 11:14

Tgt Ion: 63 Resp: 511543

Ion Ratio Lower Upper

63 100

106 31.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

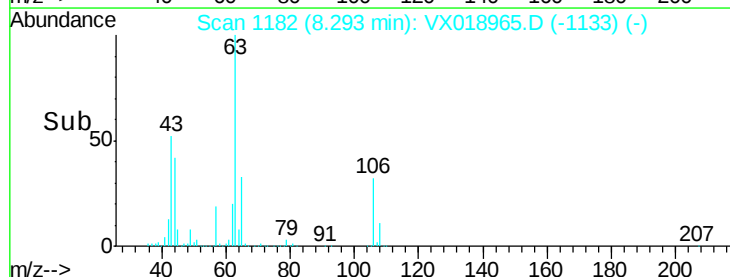
300000

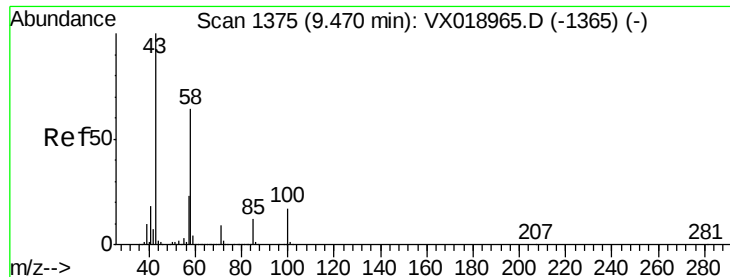
200000

100000

0

Time-->

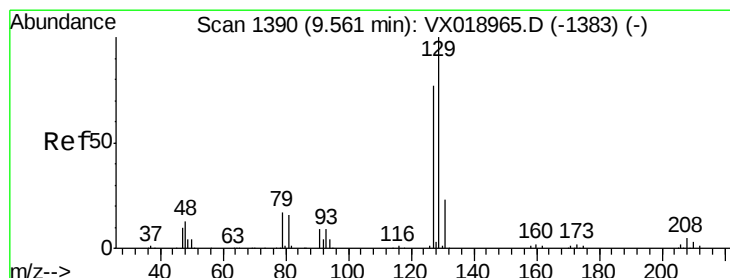
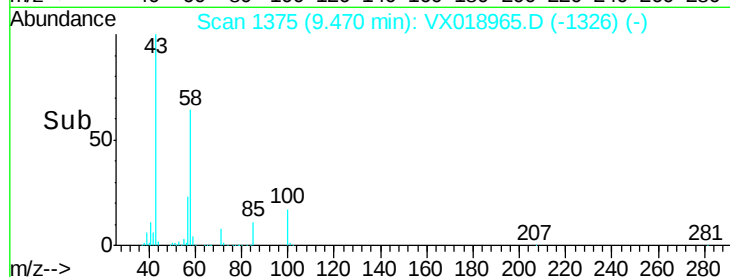
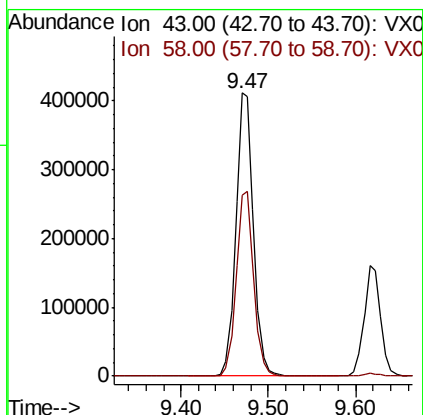
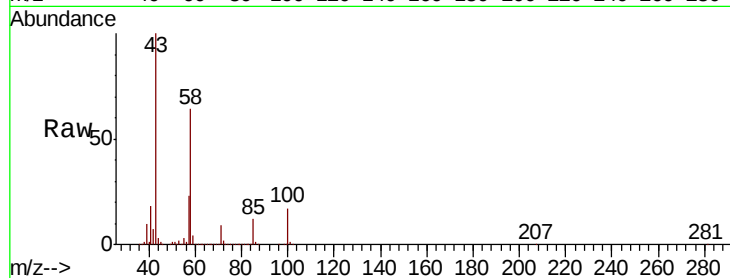




#59
2-Hexanone
Concen: 242.598 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

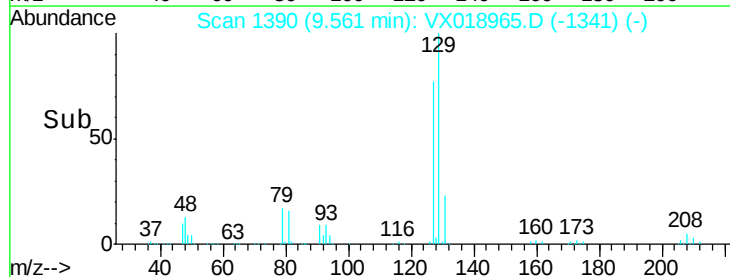
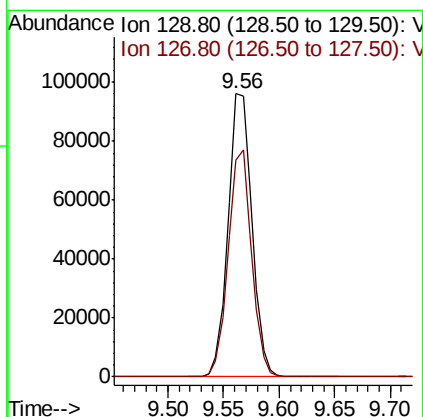
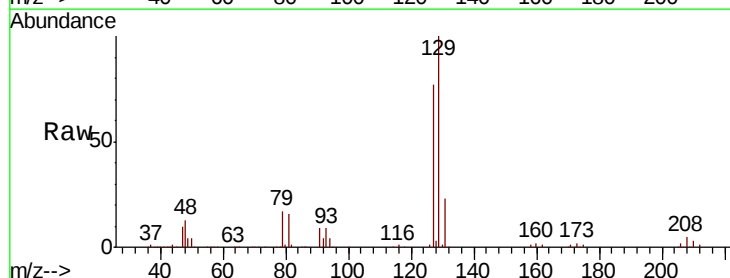
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

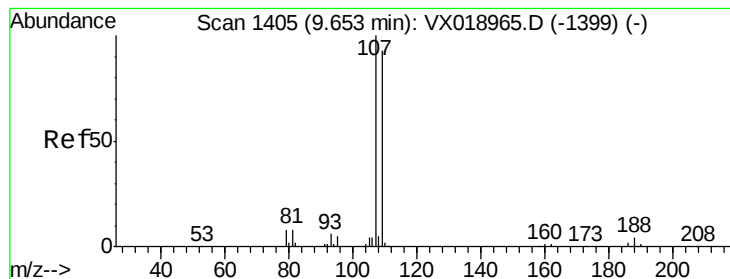
Tot Ion: 43 Resp: 575984
Ion Ratio Lower Upper
43 100
58 65.3 32.6 98.0



#60
Dibromochloromethane
Concen: 52.061 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion: 129 Resp: 142862
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.906 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

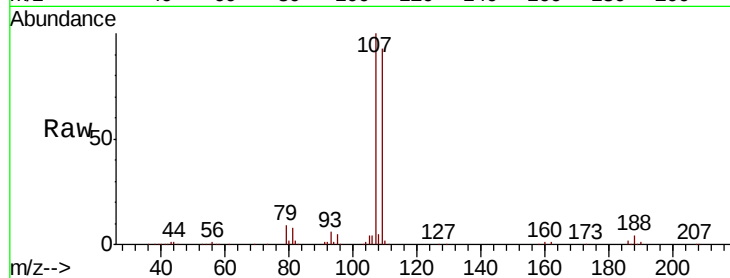
LOD-MDL-WATER-01-QT4-2020

Tot Ion:107 Resp: 140071

Ion Ratio Lower Upper

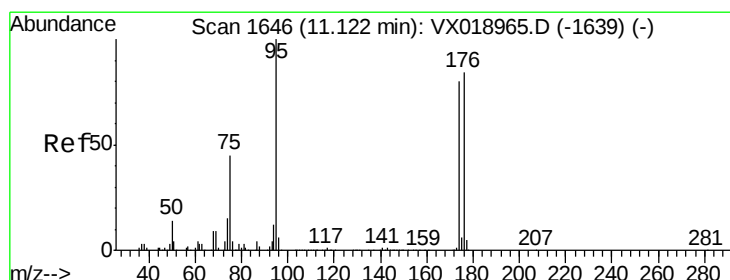
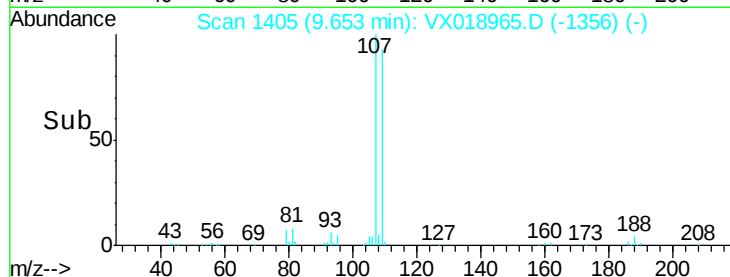
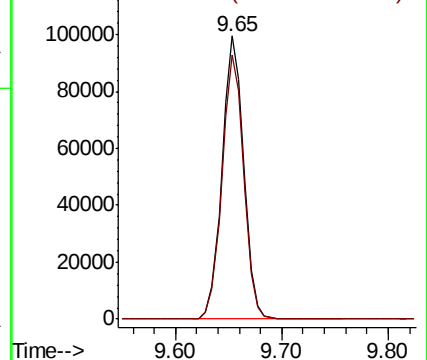
107 100

109 93.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.742 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

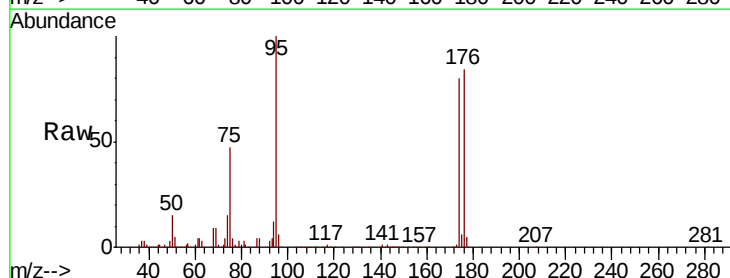
Tgt Ion: 95 Resp: 156940

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.0

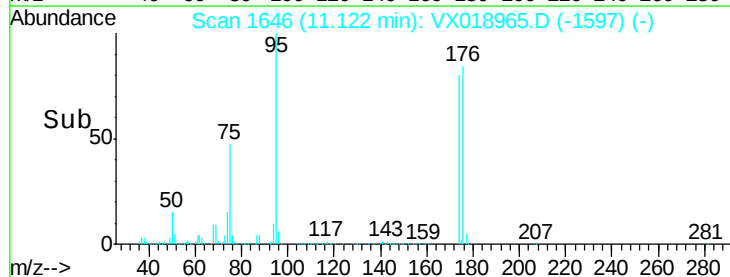
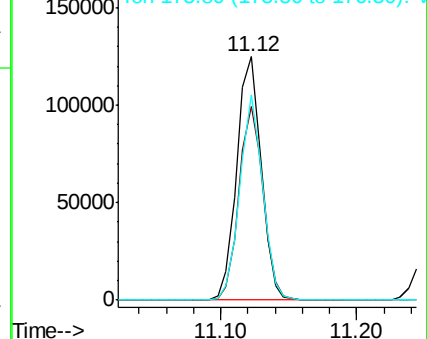
176 79.1 0.0 158.2

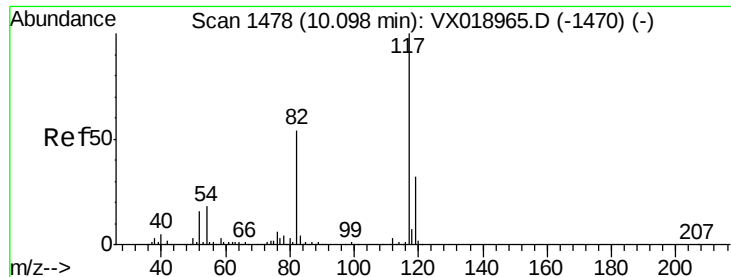


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

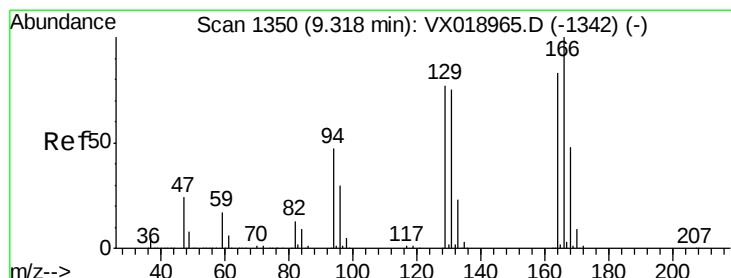
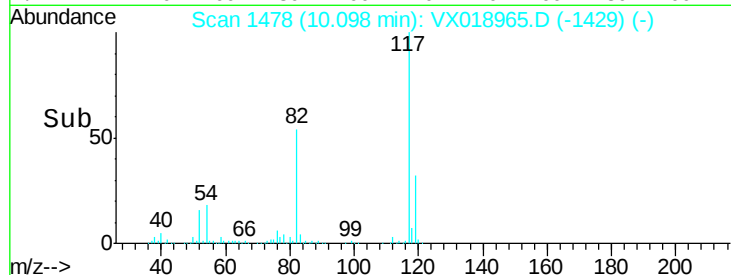
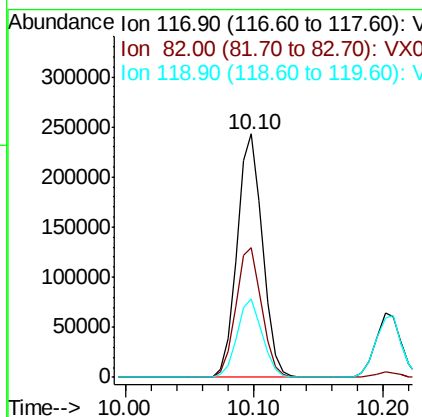
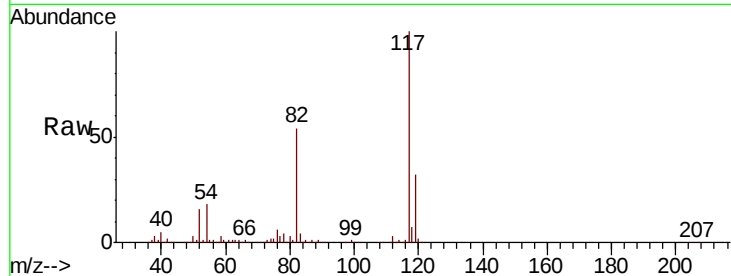




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

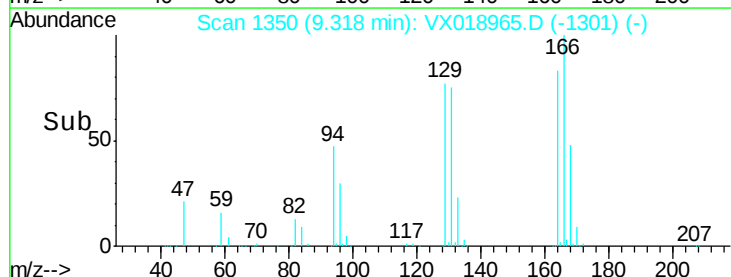
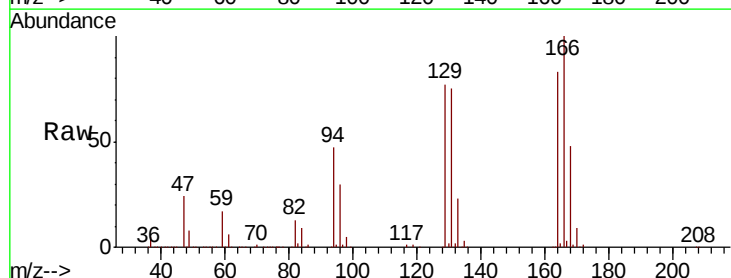
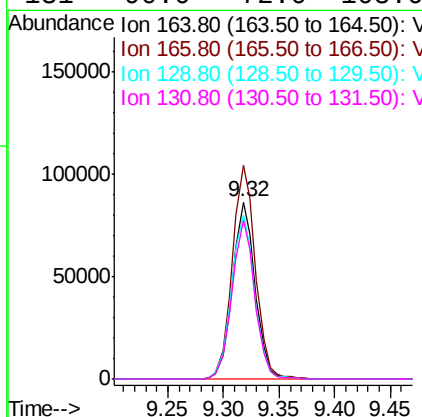
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

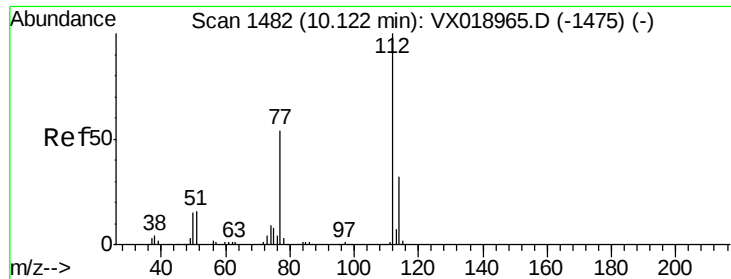
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.8	64.2
119	32.3	25.8	38.8



#64
Tetrachloroethene
Concen: 51.320 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.7	96.6	144.8
129	93.0	74.4	111.6
131	90.0	72.0	108.0

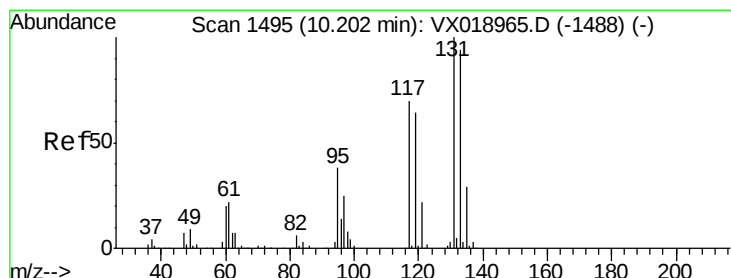
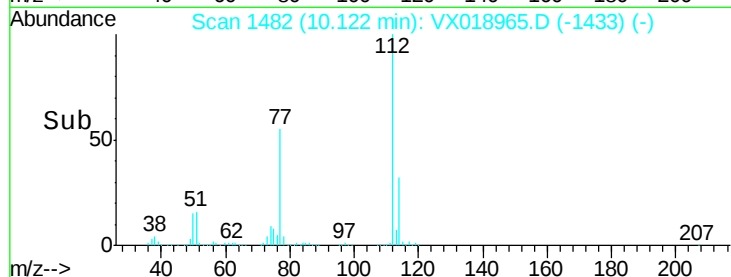
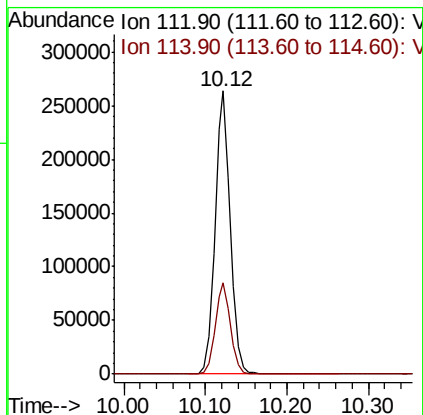
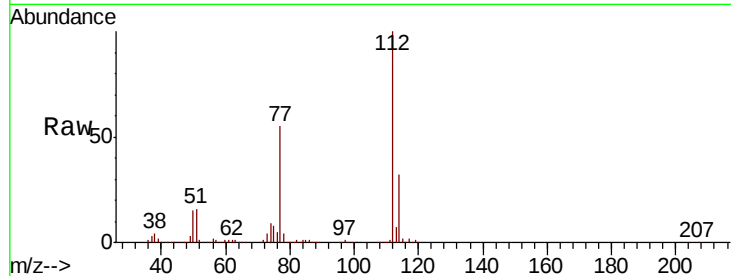




#65
Chlorobenzene
Concen: 50.003 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

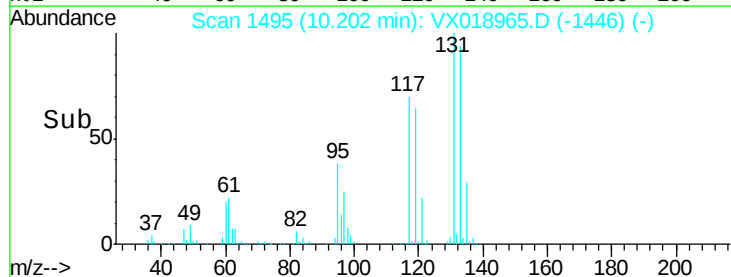
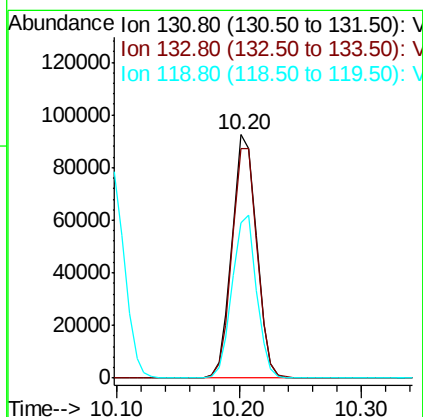
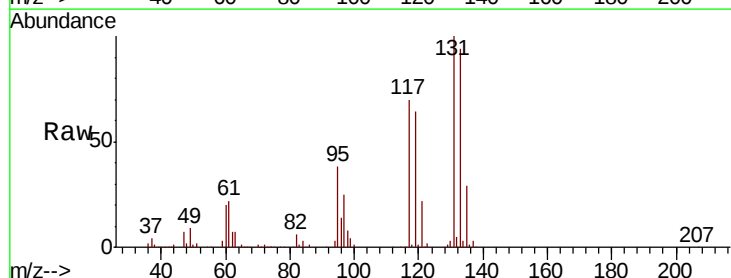
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

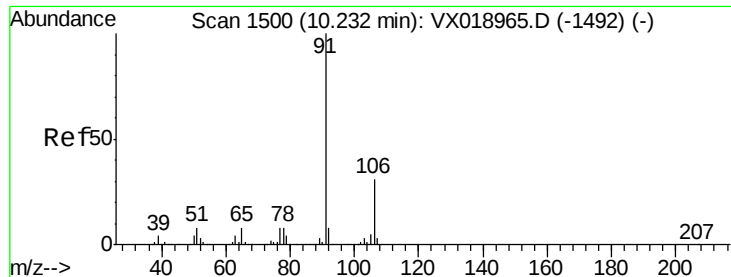
Tot Ion:112 Resp: 347204
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.366 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion:131 Resp: 128074
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.4
119 66.5 33.3 99.8





#67

Ethyl Benzene

Concen: 51.256 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

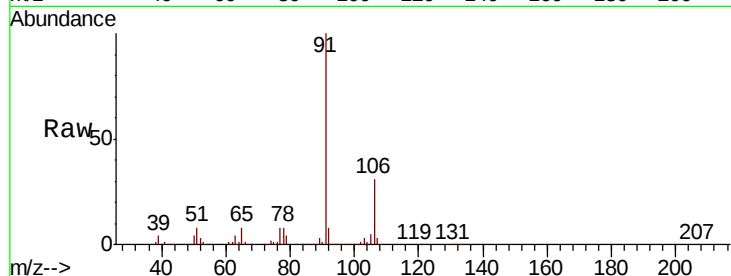
LOD-MDL-WATER-01-QT4-2020

Tot Ion: 91 Resp: 619443

Ion Ratio Lower Upper

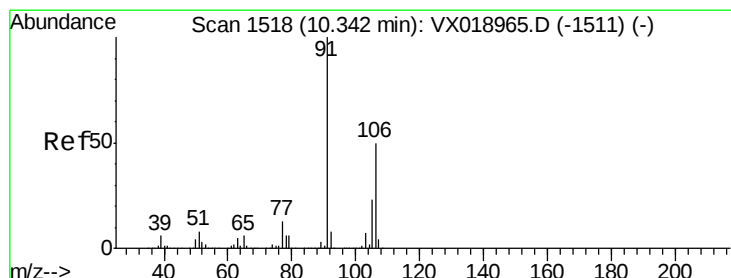
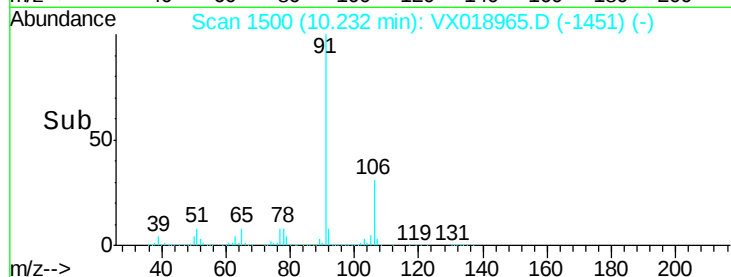
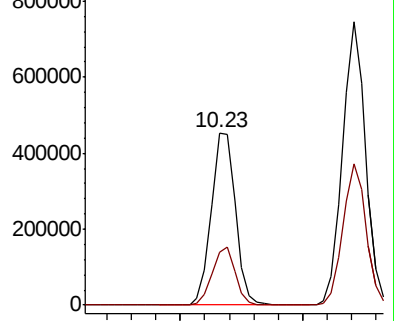
91 100

106 30.6 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 104.759 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018965.D

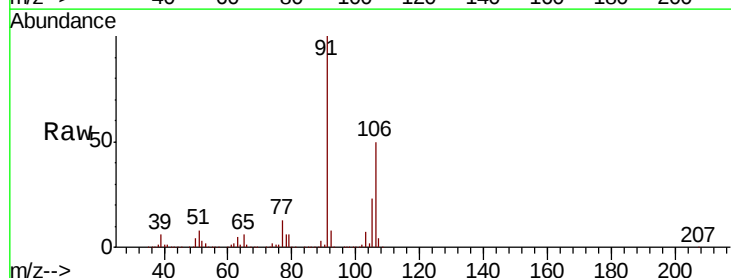
Acq: 20 Oct 2020 11:14

Tgt Ion: 106 Resp: 492058

Ion Ratio Lower Upper

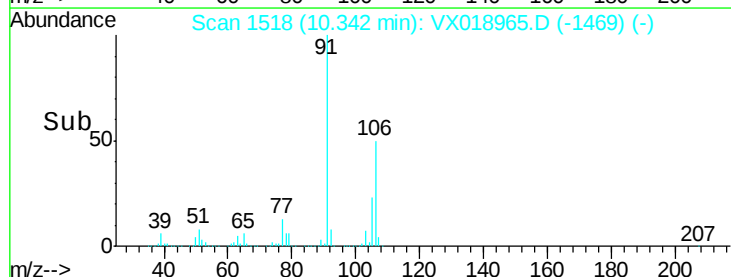
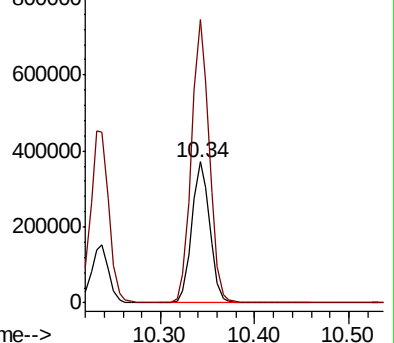
106 100

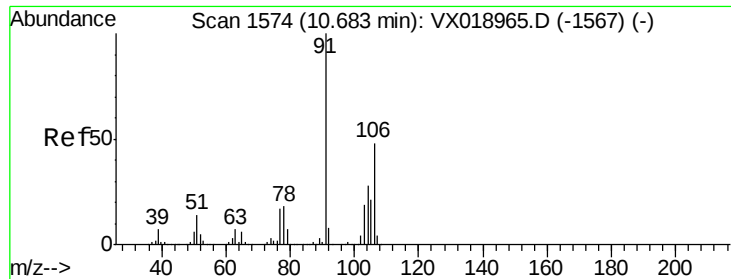
91 197.9 158.3 237.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

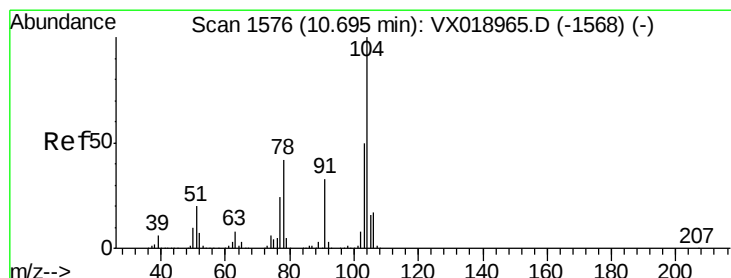
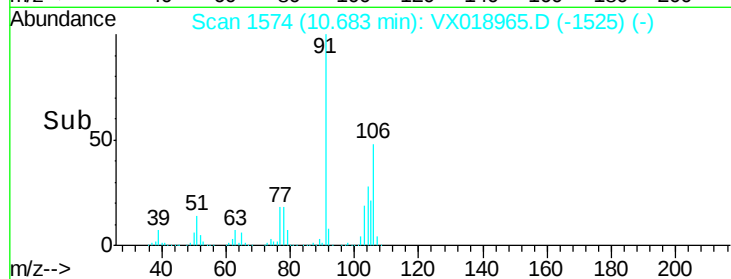
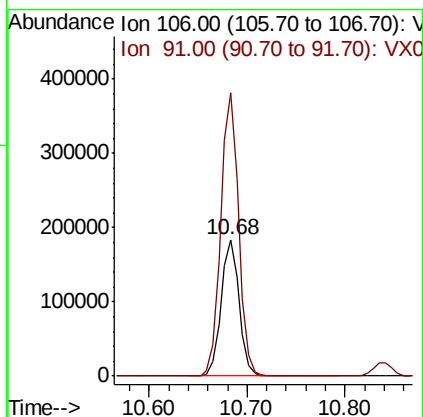
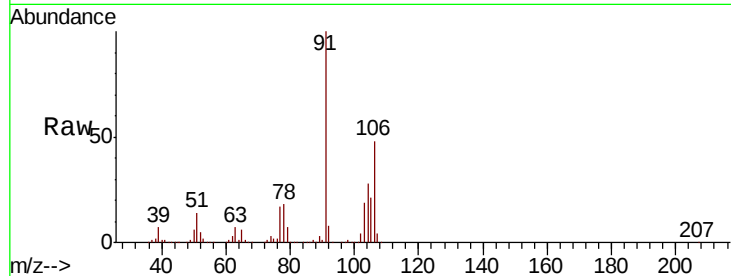




#69
o-Xylene
Concen: 51.471 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

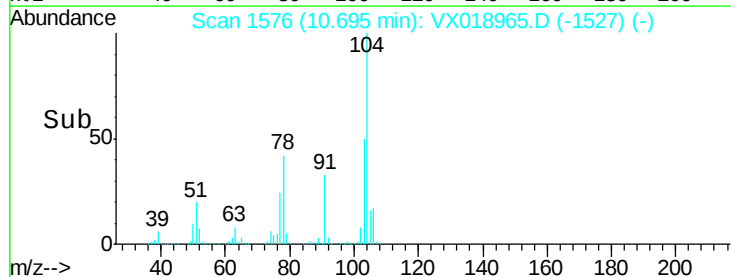
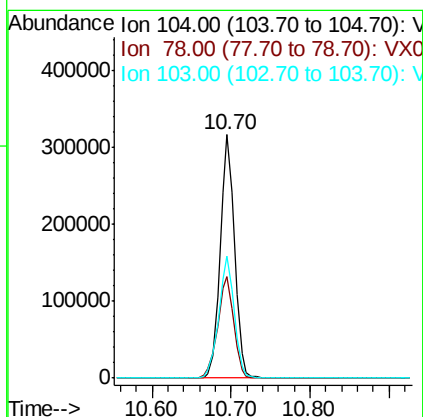
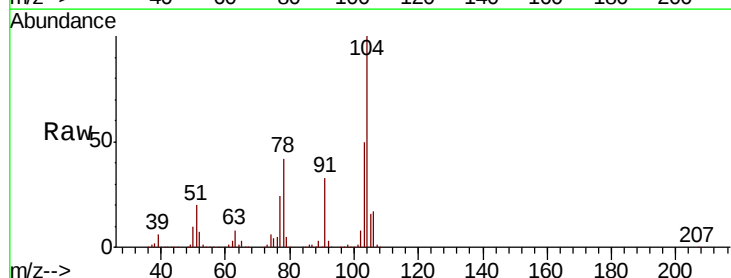
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

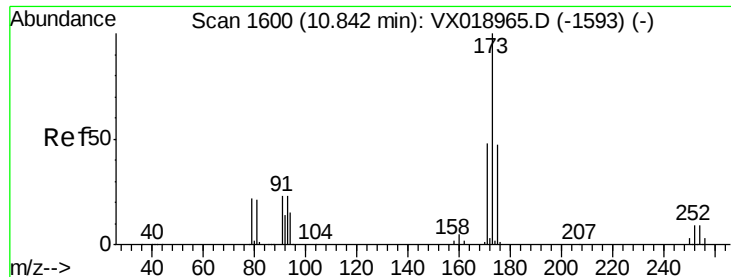
Tot Ion:106 Resp: 232234
Ion Ratio Lower Upper
106 100
91 207.7 103.8 311.6



#70
Styrene
Concen: 52.748 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion:104 Resp: 401632
Ion Ratio Lower Upper
104 100
78 46.8 37.4 56.2
103 54.4 43.5 65.3





#71

Bromoform

Concen: 51.684 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

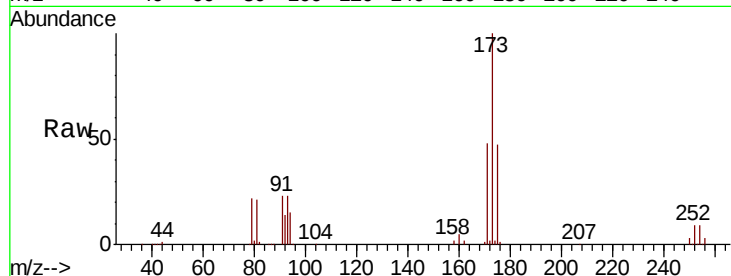
Tot Ion:173 Resp: 104729

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

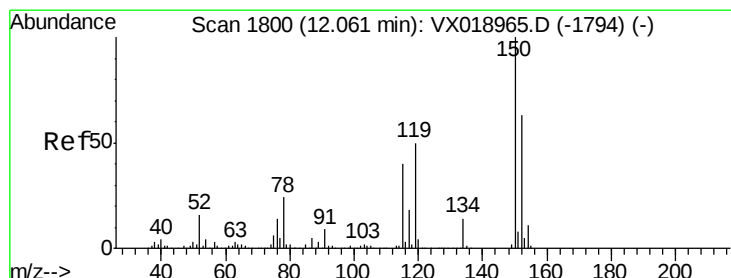
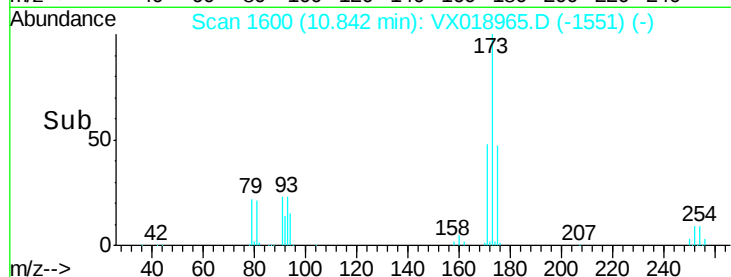
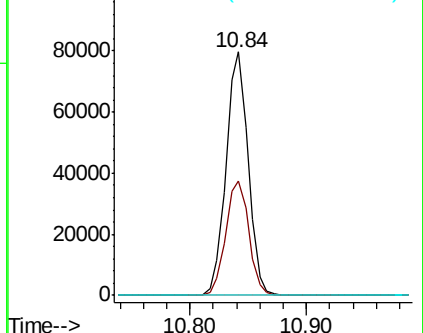
254 0.1 0.1 0.1



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: VX018965.D

Acq: 20 Oct 2020 11:14

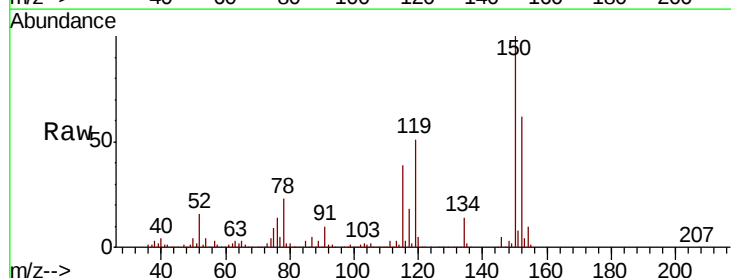
Tgt Ion:152 Resp: 181894

Ion Ratio Lower Upper

152 100

115 81.4 40.7 122.1

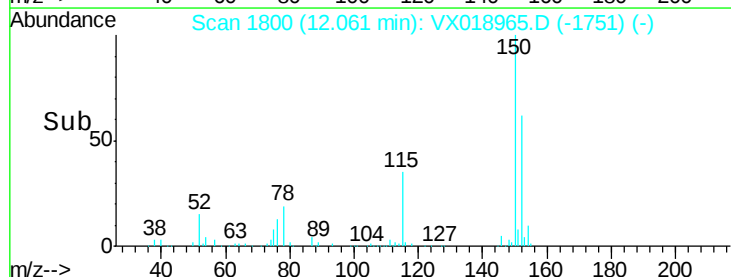
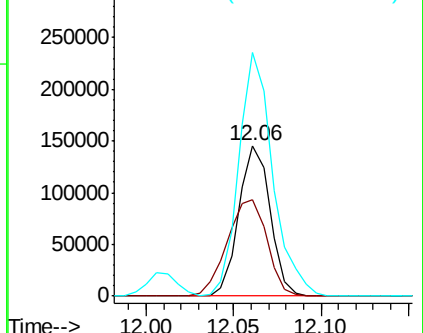
150 175.2 0.0 350.4

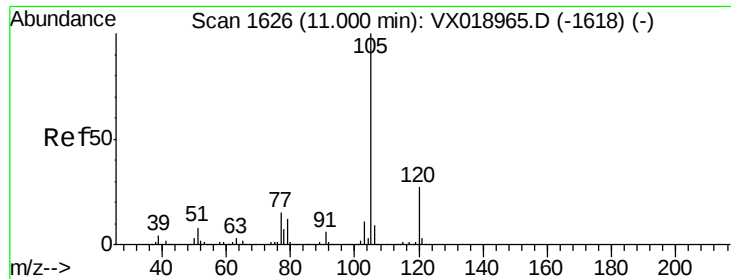


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.425 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

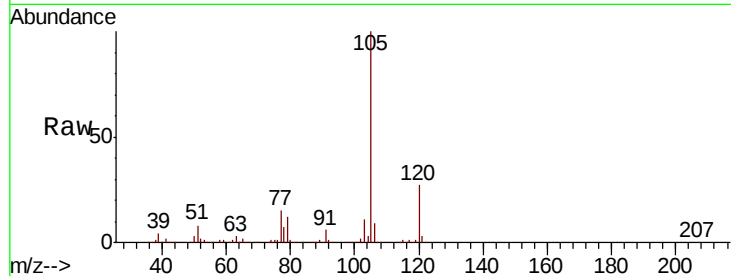
LOD-MDL-WATER-01-QT4-2020

Tot Ion:105 Resp: 624284

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

500000

400000

300000

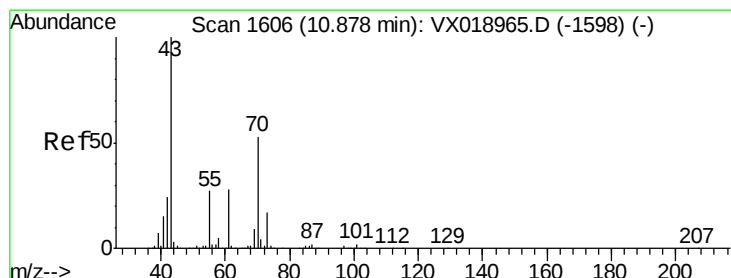
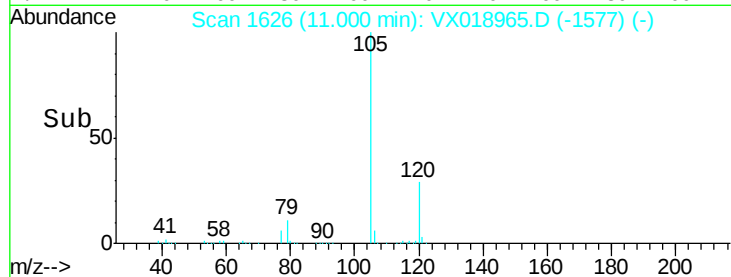
200000

100000

0

Time-->

10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 41.762 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Tgt Ion: 43 Resp: 204143

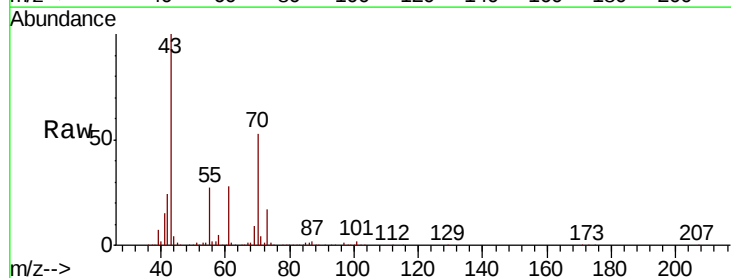
Ion Ratio Lower Upper

43 100

70 55.3 44.2 66.4

55 27.4 21.9 32.9

61 29.6 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

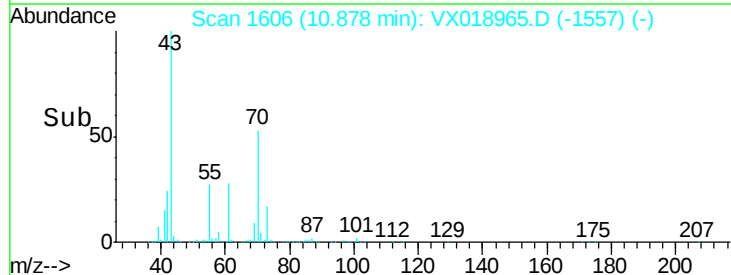
100000

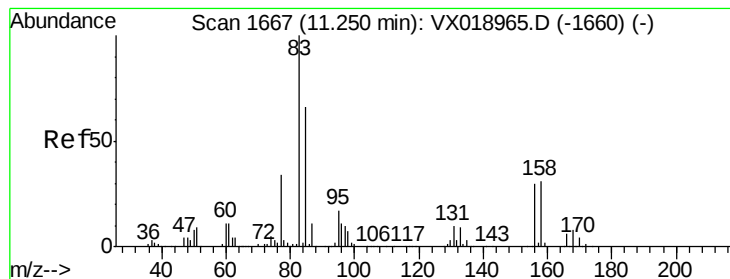
50000

0

Time-->

10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 45.653 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

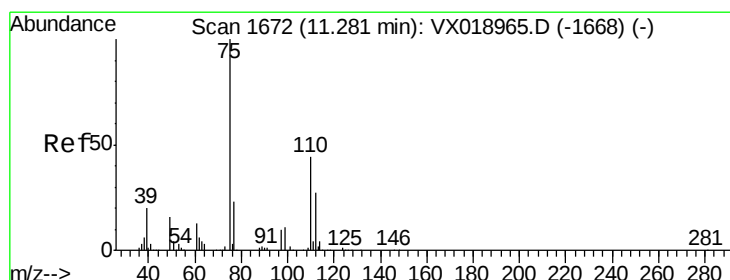
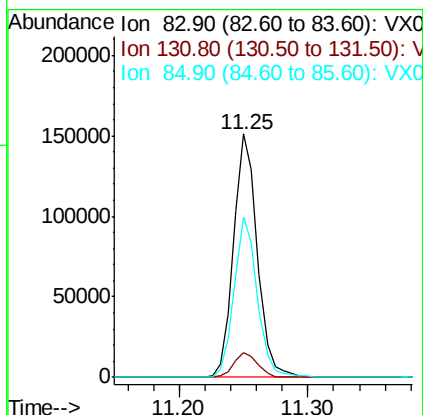
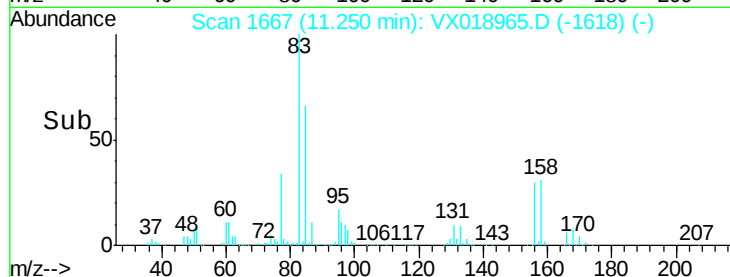
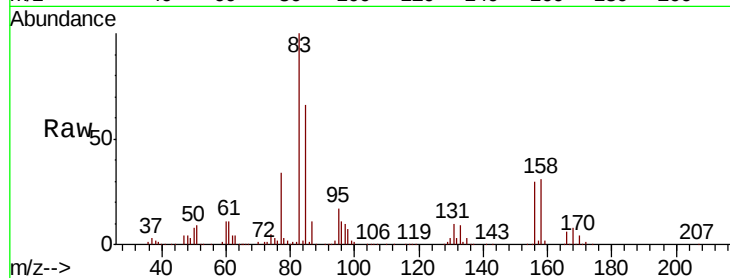
Tot Ion: 83 Resp: 194842

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 64.6 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 58.474 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018965.D

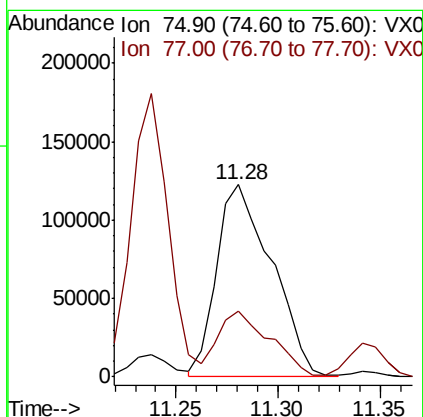
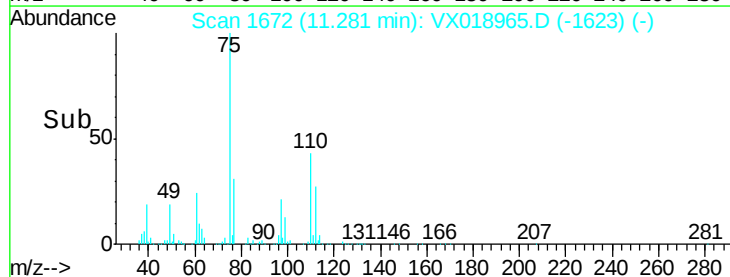
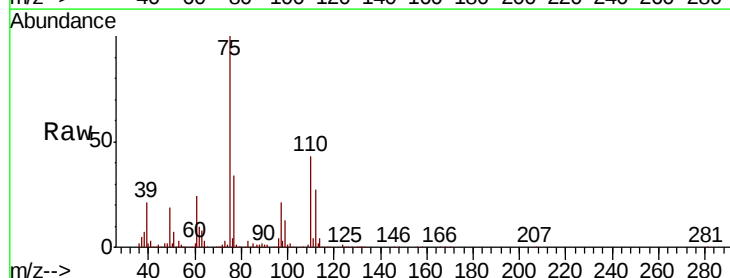
Acq: 20 Oct 2020 11:14

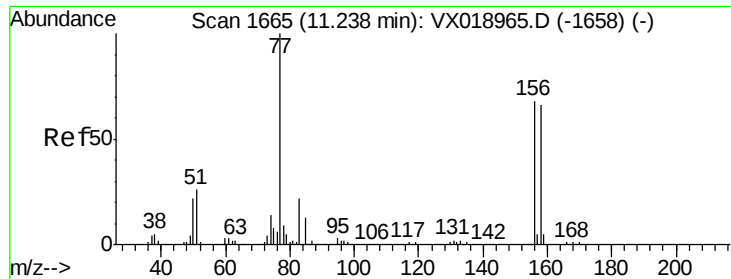
Tgt Ion: 75 Resp: 229933

Ion Ratio Lower Upper

75 100

77 32.5 20.9 62.7





#77

Bromobenzene

Concen: 47.854 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

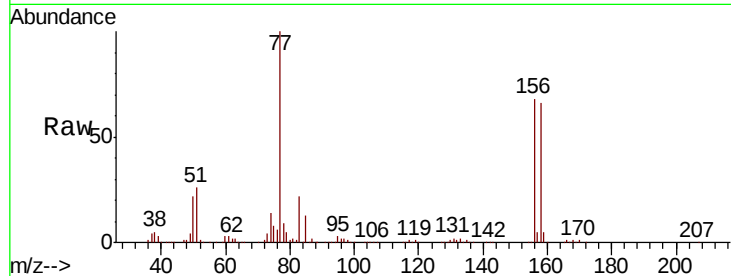
Tot Ion:156 Resp: 152472

Ion Ratio Lower Upper

156 100

77 150.6 75.3 225.9

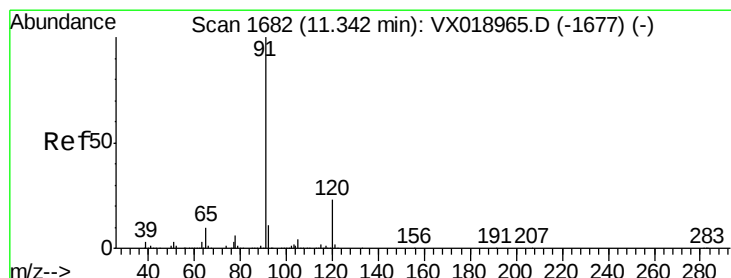
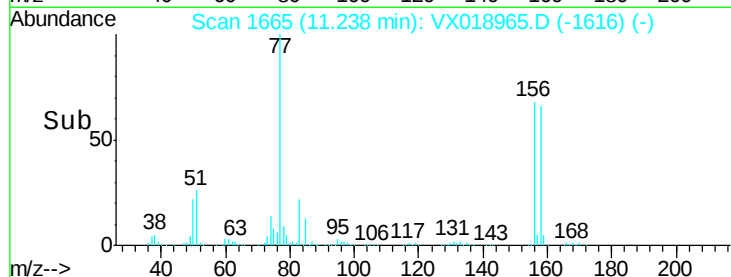
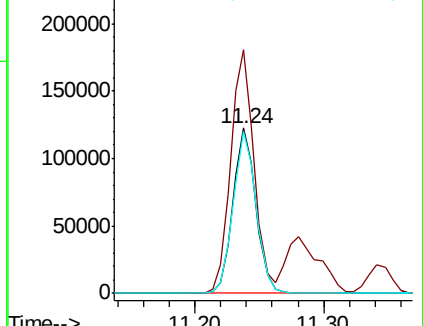
158 98.2 49.1 147.3



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: 46.254 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018965.D

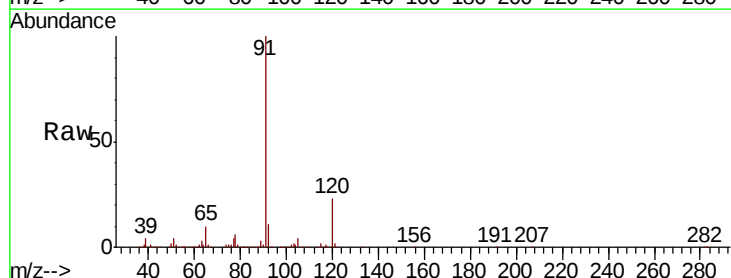
Acq: 20 Oct 2020 11:14

Tgt Ion: 91 Resp: 693479

Ion Ratio Lower Upper

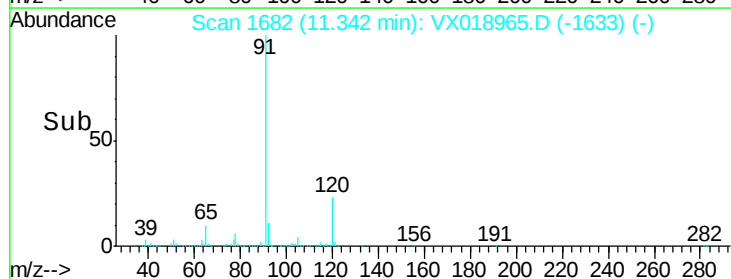
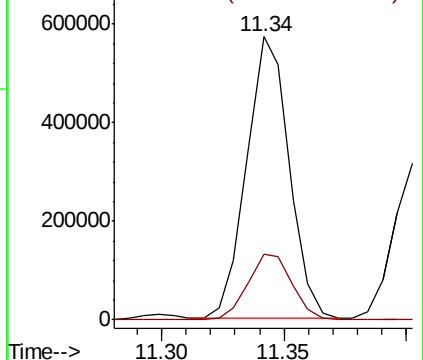
91 100

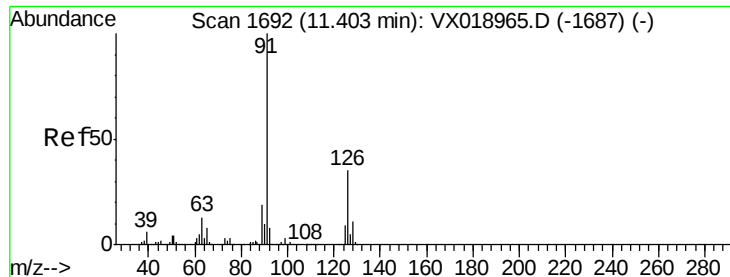
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

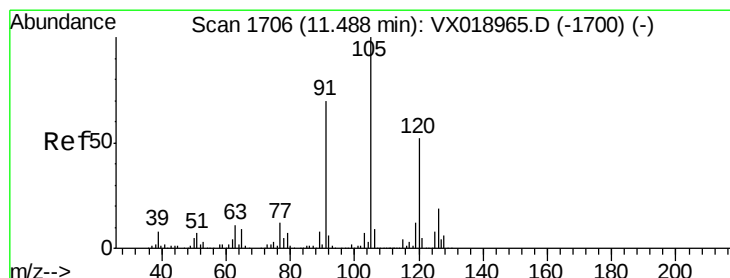
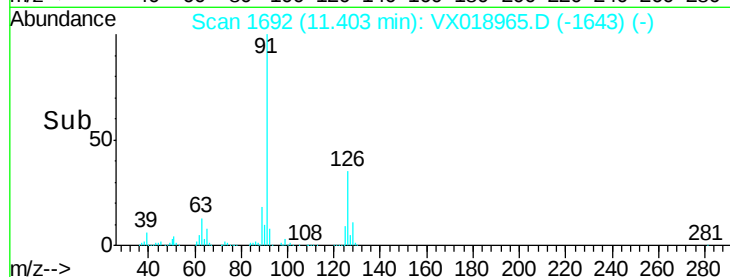
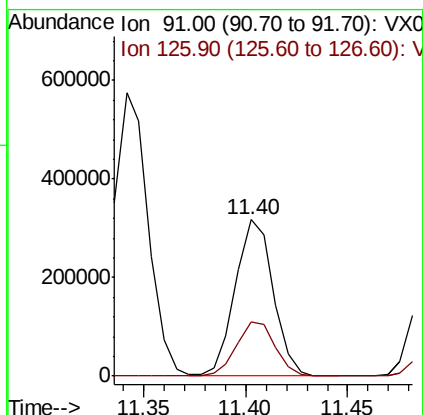
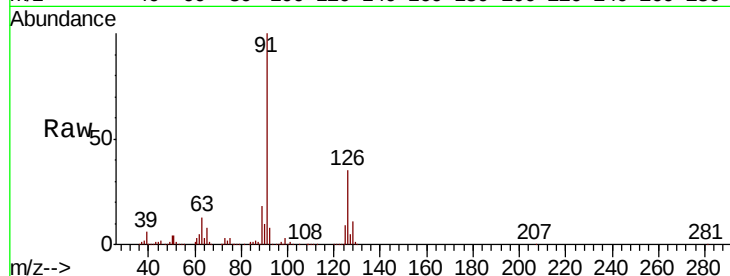




#79
 2-Chlorotoluene
 Concen: 46.493 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

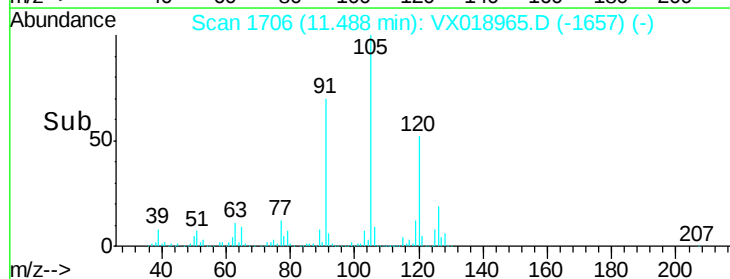
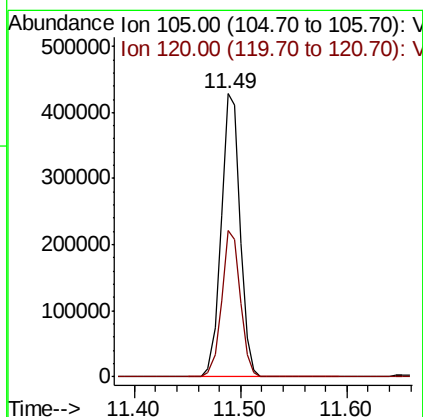
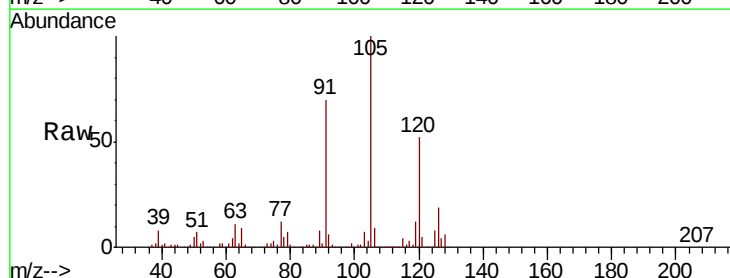
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

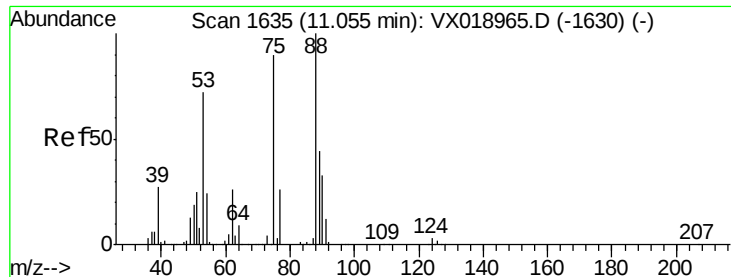
Tot Ion: 91 Resp: 407054
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 48.357 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

Tgt Ion: 105 Resp: 530115
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.4 76.4

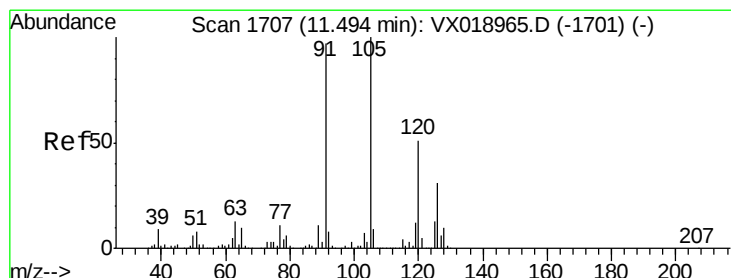
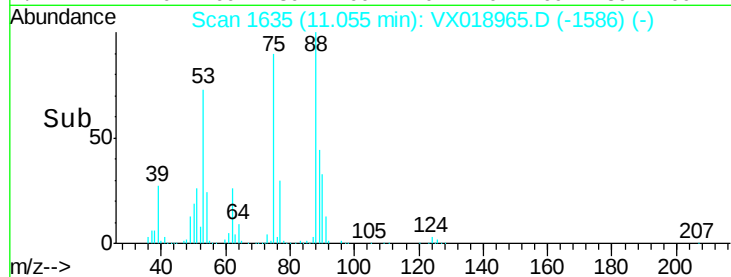
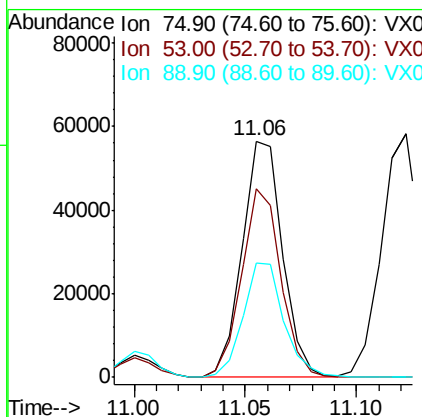
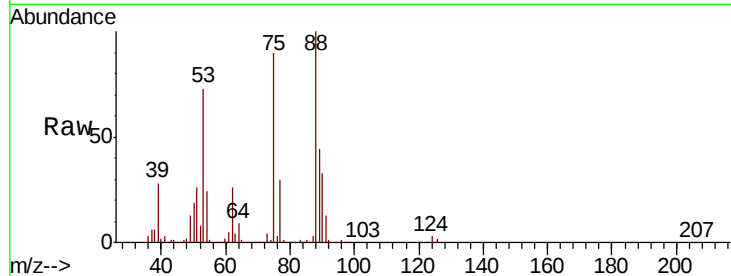




#81
trans-1,4-Dichloro-2-butene
Concen: 46.010 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

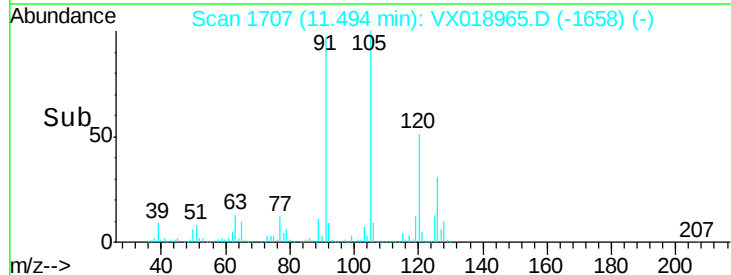
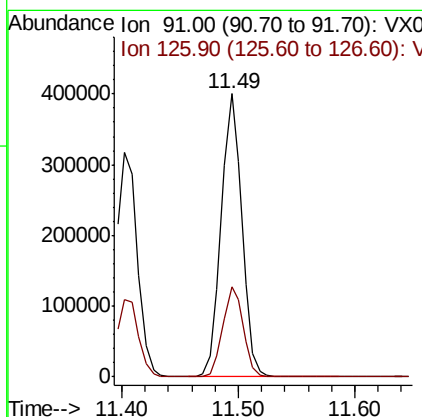
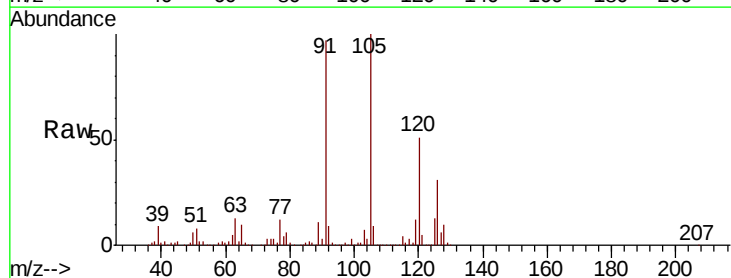
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

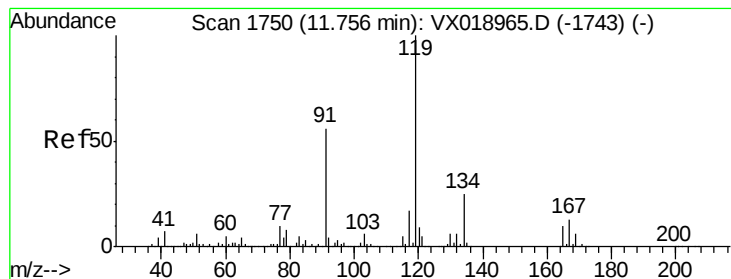
Tot Ion: 75 Resp: 71277
Ion Ratio Lower Upper
75 100
53 77.9 62.3 93.5
89 49.6 39.7 59.5



#82
4-Chlorotoluene
Concen: 46.349 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion: 91 Resp: 488294
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.4





#83

tert-Butylbenzene

Concen: 47.422 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2020

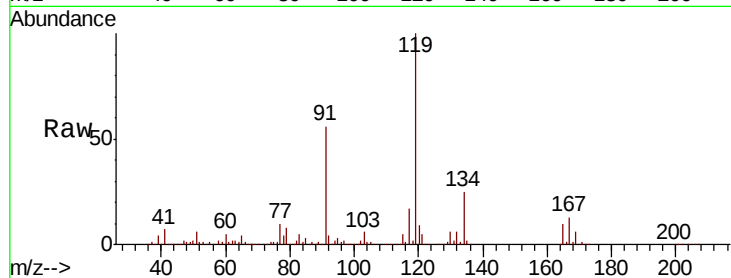
Tot Ion:119 Resp: 517342

Ion Ratio Lower Upper

119 100

91 55.0 27.5 82.5

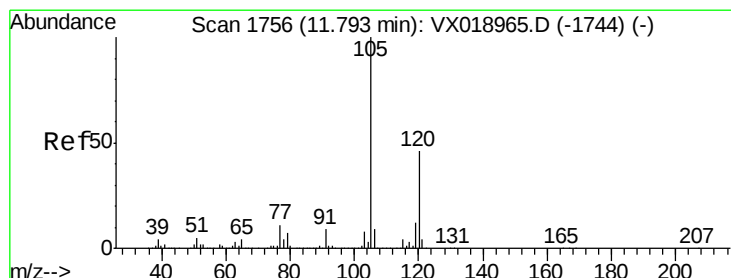
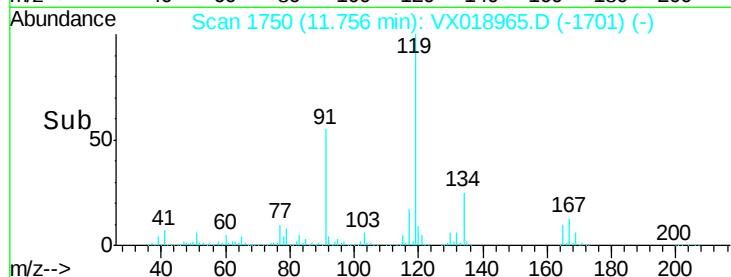
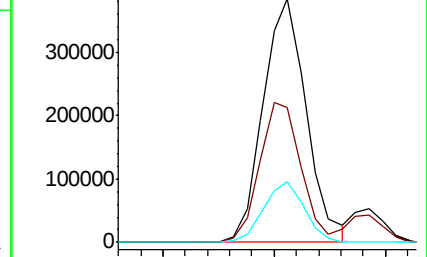
134 23.4 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.755 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018965.D

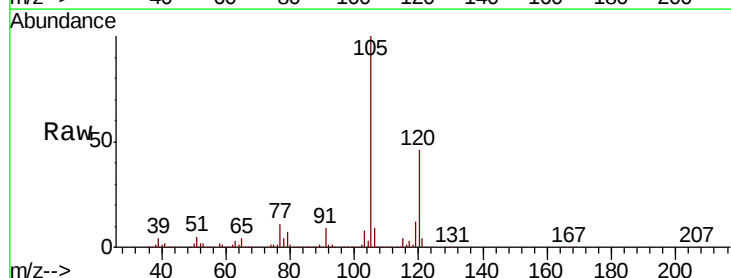
Acq: 20 Oct 2020 11:14

Tgt Ion:105 Resp: 533666

Ion Ratio Lower Upper

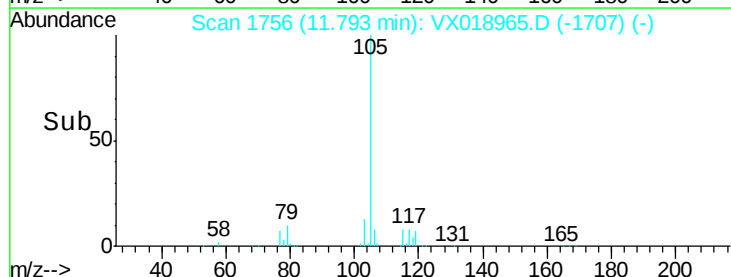
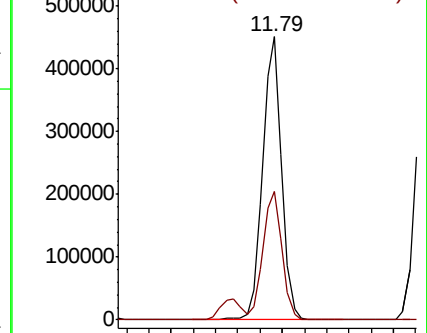
105 100

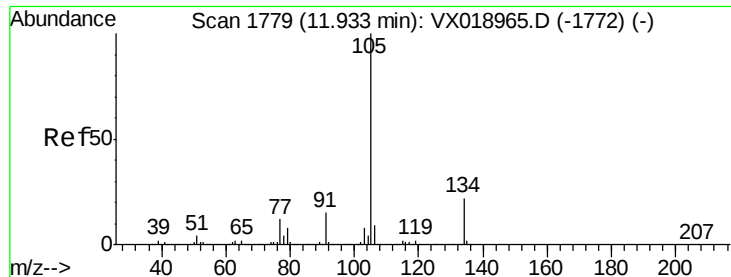
120 46.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.013 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

Instrument :

BNA_N

ClientSampleId :

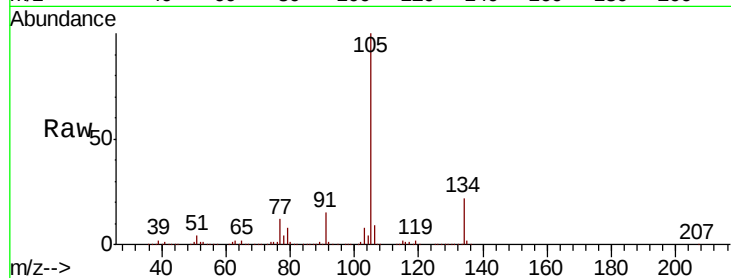
LOD-MDL-WATER-01-QT4-2020

Tot Ion:105 Resp: 617736

Ion Ratio Lower Upper

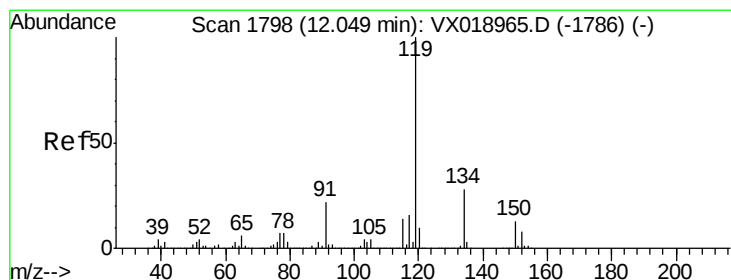
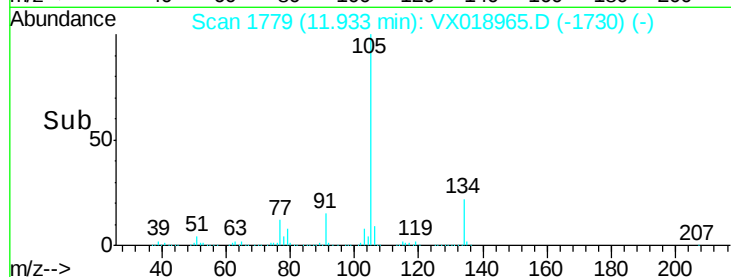
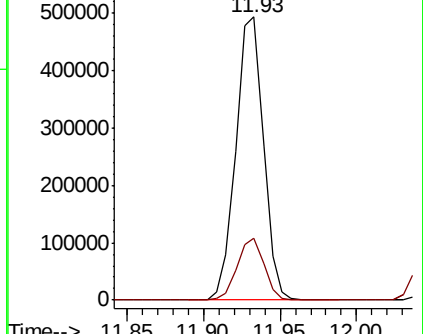
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.357 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018965.D

Acq: 20 Oct 2020 11:14

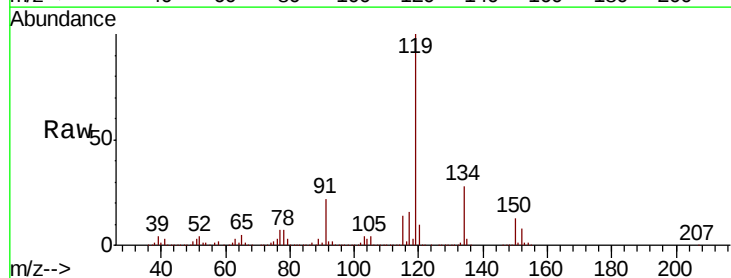
Tgt Ion:119 Resp: 570221

Ion Ratio Lower Upper

119 100

134 27.6 13.8 41.4

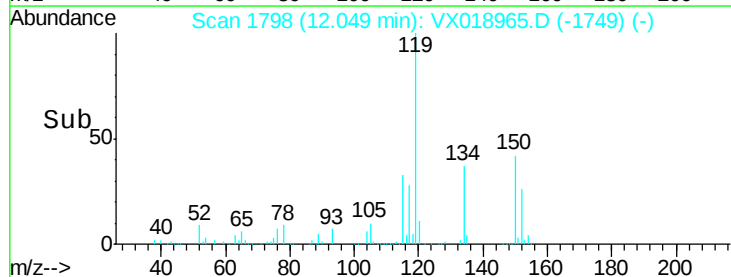
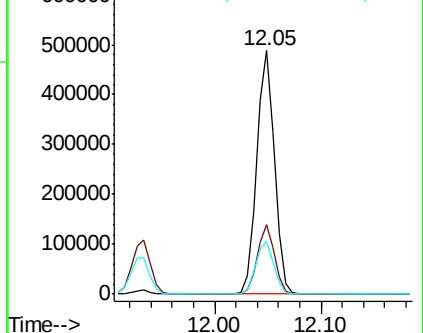
91 22.2 11.1 33.3

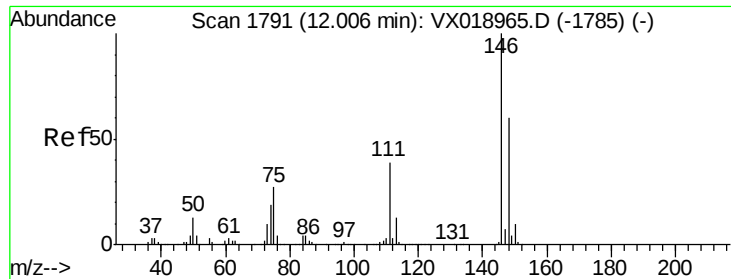


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

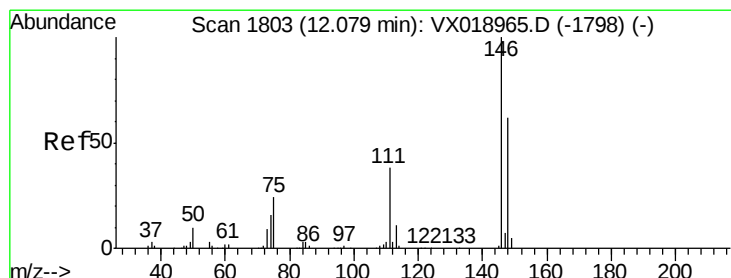
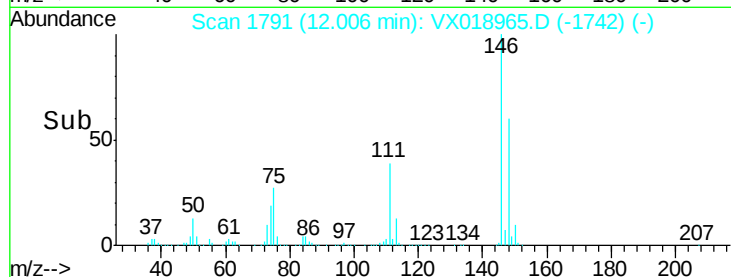
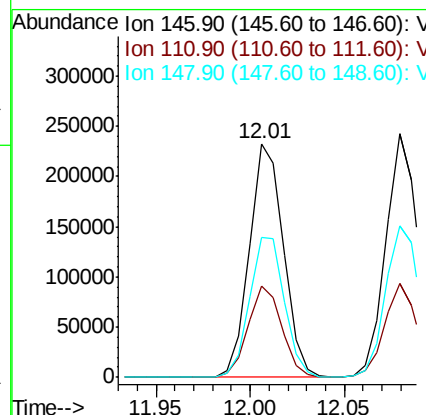
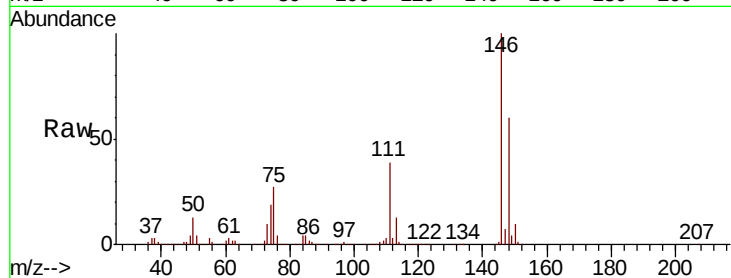




#87
 1,3-Dichlorobenzene
 Concen: 48.554 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

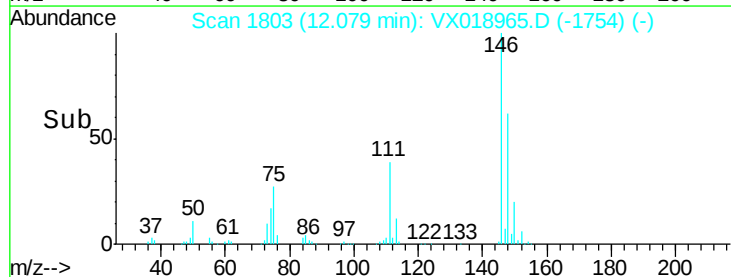
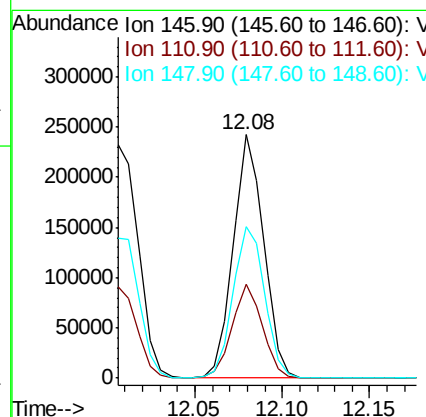
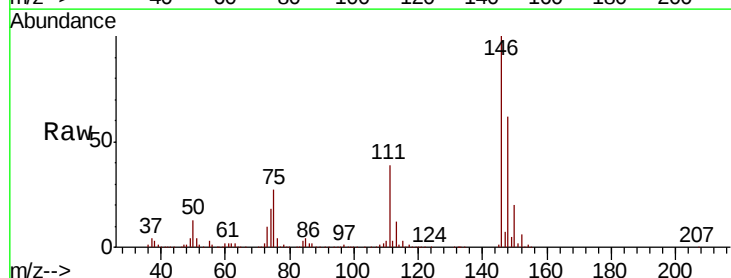
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

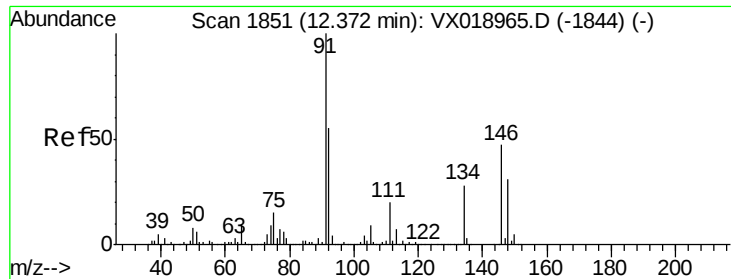
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	61.3	30.6	92.0



#88
 1,4-Dichlorobenzene
 Concen: 47.241 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	64.6	32.3	96.9

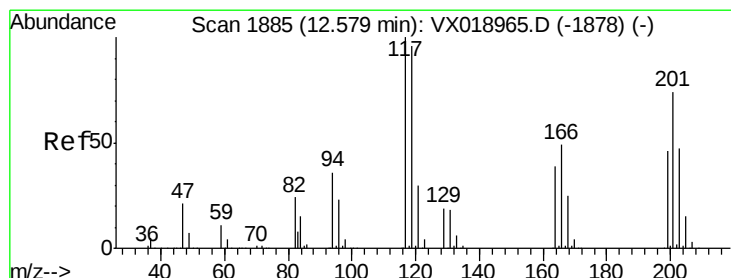
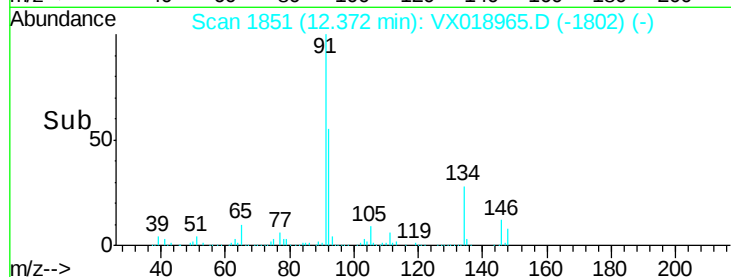
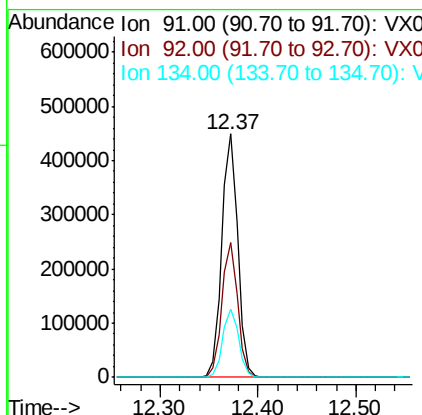
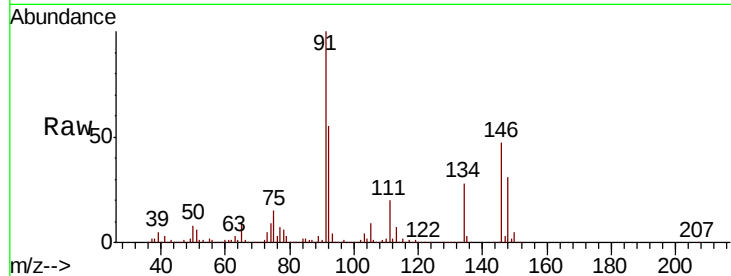




#89
n-Butylbenzene
Concen: 47.332 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

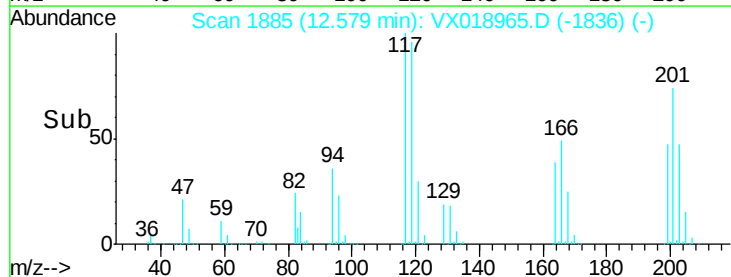
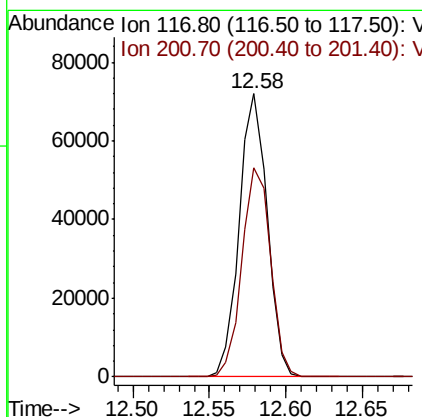
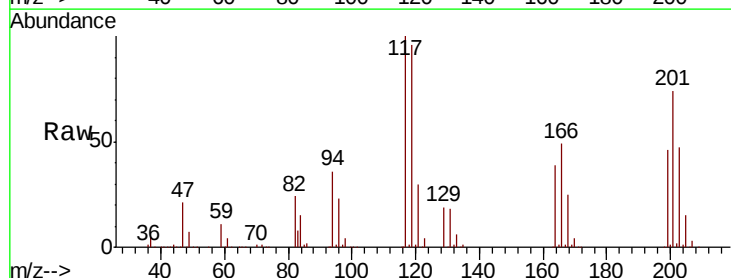
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2020

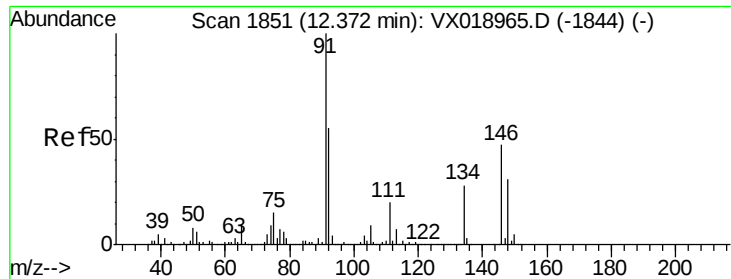
Tot Ion: 91 Resp: 507886
Ion Ratio Lower Upper
91 100
92 54.6 27.3 81.9
134 28.0 14.0 42.0



#90
Hexachloroethane
Concen: 47.665 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion: 117 Resp: 91407
Ion Ratio Lower Upper
117 100
201 75.4 37.7 113.1

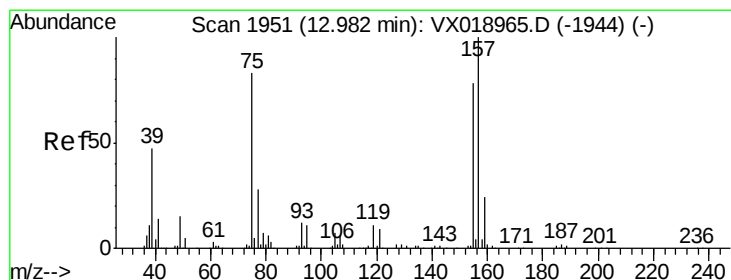
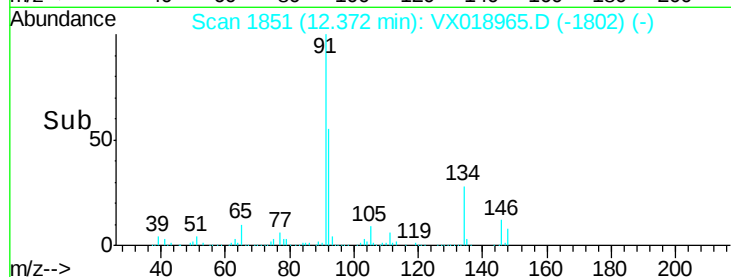
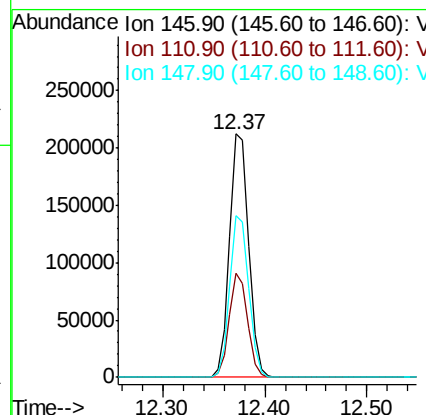
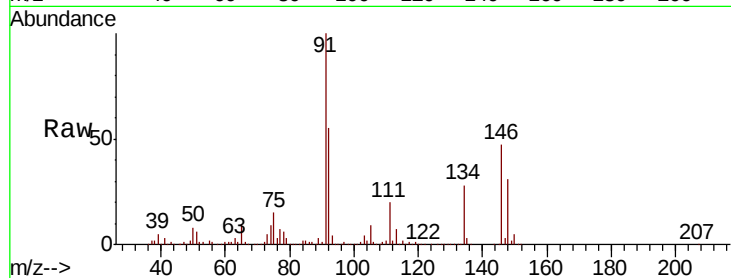




#91
 1,2-Dichlorobenzene
 Concen: 48.304 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

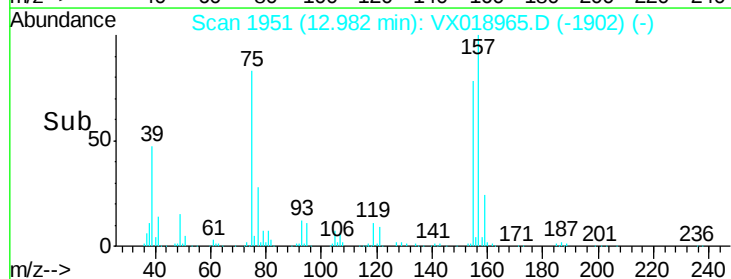
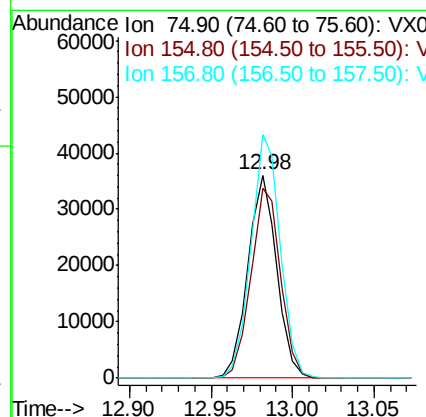
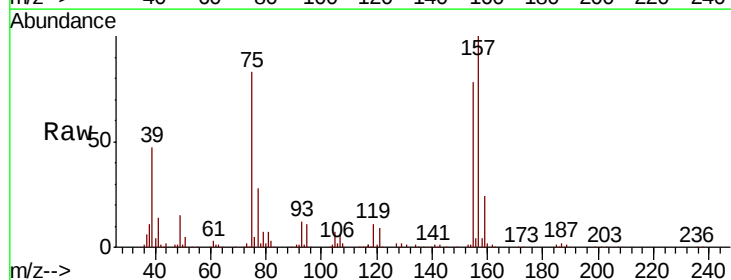
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

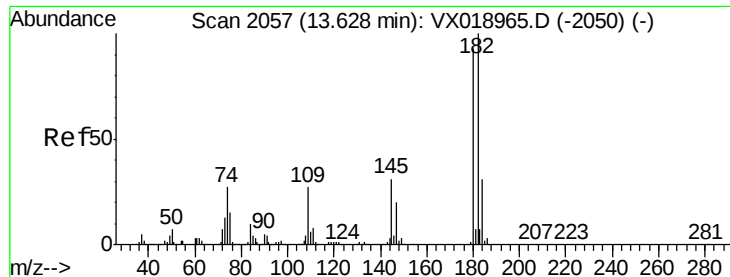
Tot Ion:146 Resp: 276559
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.2
 148 65.7 32.9 98.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.996 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

Tgt Ion: 75 Resp: 44499
 Ion Ratio Lower Upper
 75 100
 155 96.1 48.0 144.2
 157 121.9 61.0 182.8

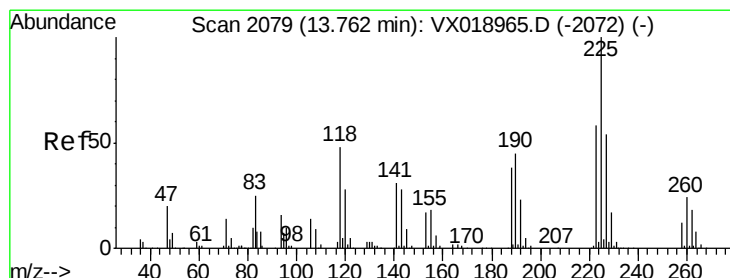
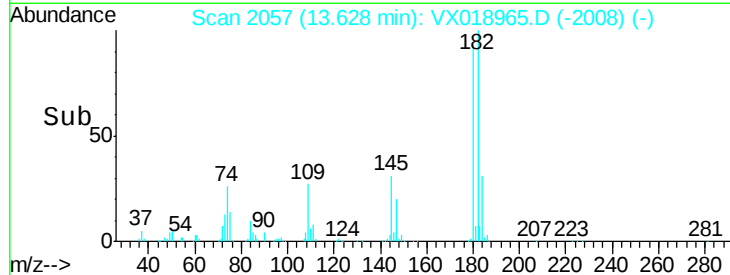
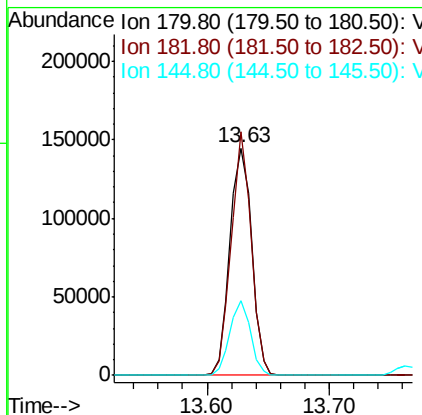
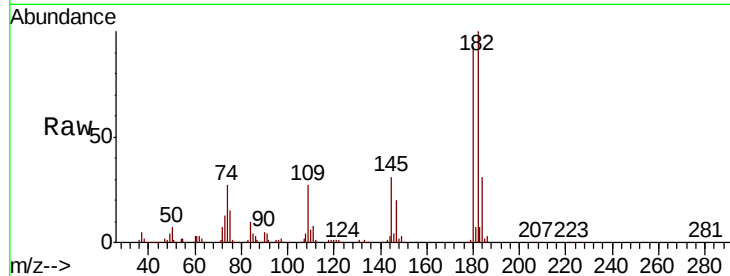




#93
 1,2,4-Trichlorobenzene
 Concen: 45.063 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

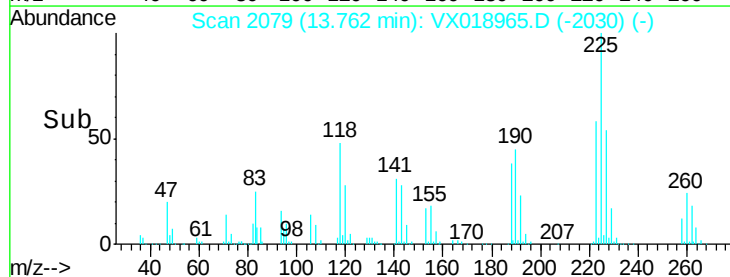
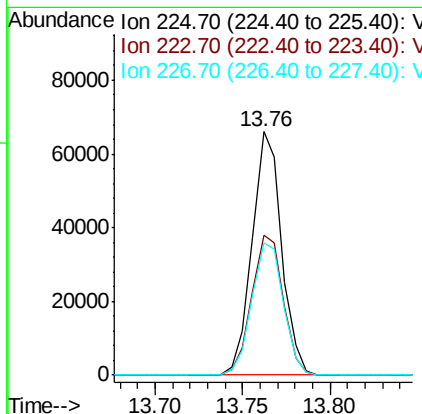
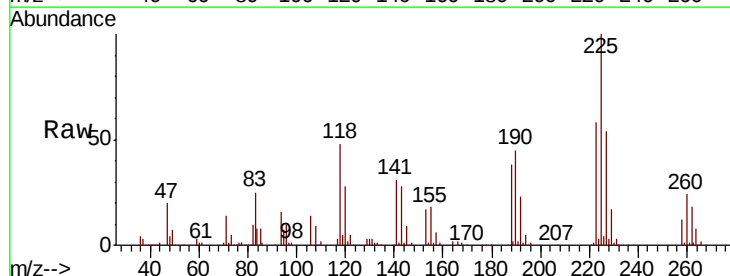
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2020

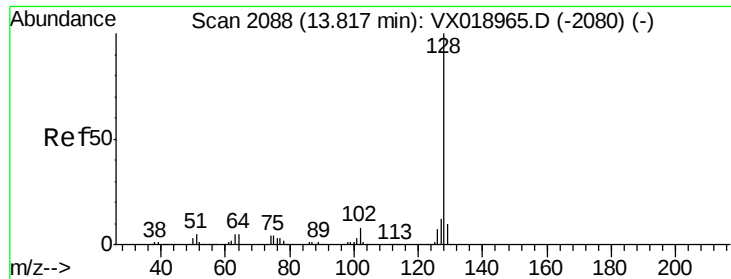
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.7	146.1
145	31.2	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 46.819 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018965.D
 Acq: 20 Oct 2020 11:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	30.6	91.6
227	58.2	29.1	87.3

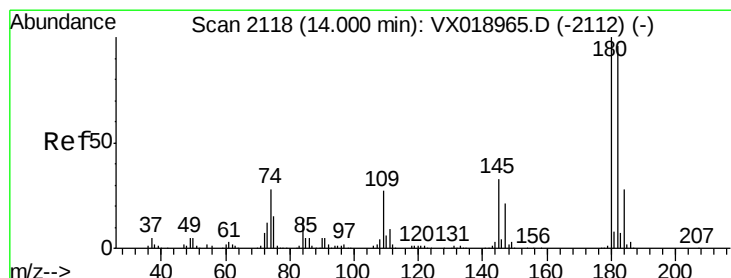
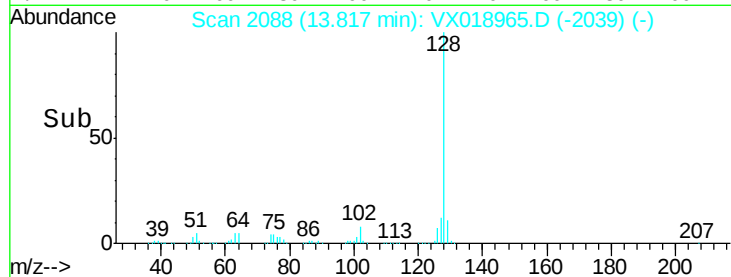
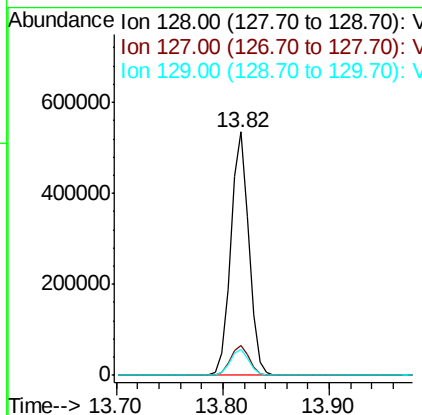
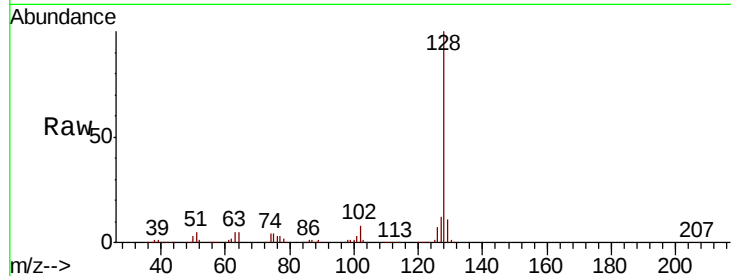




#95
Naphthalene
Concen: 47.228 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

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

Tot Ion:128 Resp: 636377
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.127 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018965.D
Acq: 20 Oct 2020 11:14

Tgt Ion:180 Resp: 176698
Ion Ratio Lower Upper
180 100
182 97.1 48.5 145.6
145 32.8 16.4 49.2

