

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017306.D
 Acq On : 09 Jul 2020 14:40
 Operator : JC/SP
 Sample : L3216-07 5.0PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 10 06:57:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 10 06:55:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	55257	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	281511	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	269406	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	118739	29.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.67%
60) 4-Bromofluorobenzene	11.12	95	128438	27.95	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.17%
63) Toluene-d8	8.70	98	341136	29.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	13015	5.388	ug/l 99
3) Chloromethane	1.32	50	13019	5.059	ug/l 97
4) Vinyl Chloride	1.39	62	13301	5.016	ug/l 93
5) Bromomethane	1.63	94	9332	5.280	ug/l 91
6) Chloroethane	1.72	64	8406	4.794	ug/l 98
7) Trichlorofluoromethane	1.92	101	23454	4.979	ug/l 89
8) Diethyl Ether	2.17	74	8653	5.178	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14312	5.557	ug/l 97
10) 1,1-Dichloroethene	2.36	96	13175	5.189	ug/l 97
11) Methyl Iodide	2.50	142	9686	3.239	ug/l 97
12) Methyl Acetate	2.75	43	17368	4.909	ug/l 95
13) Acrolein	2.28	56	10260	22.424	ug/l 95
14) Acrylonitrile	3.12	53	40118	25.131	ug/l 99
15) Acetone	2.42	58	10450	25.956	ug/l 90
16) Carbon Disulfide	2.55	76	29547	4.290	ug/l 99
17) Allyl chloride	2.71	41	22684	4.802	ug/l 92
18) Methylene Chloride	2.84	84	16683	5.334	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	14529	4.894	ug/l 93
20) Diisopropyl ether	3.82	45	47362	5.015	ug/l 92
21) 1,1-Dichloroethane	3.67	63	26827	5.068	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	17342	5.120	ug/l 100
23) tert-Butyl Alcohol	3.01	59	16949	25.730	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	47445	4.894	ug/l 99
25) Chloroform	5.18	83	29691	5.264	ug/l 96
26) Cyclohexane	5.54	56	19298	4.679	ug/l # 99
29) 1,1-Dichloropropene	5.78	75	18883	4.864	ug/l 98
30) 2-Butanone	4.64	43	54268	25.557	ug/l 99
31) 2,2-Dichloropropane	4.54	77	24618	5.062	ug/l # 87
32) 1,1,1-Trichloroethane	5.47	97	26909	5.324	ug/l 96
33) Carbon Tetrachloride	5.76	117	23484	5.039	ug/l 99
34) Benzene	6.12	78	57502	4.978	ug/l 100
35) Methacrylonitrile	5.01	41	12091	5.086	ug/l 94
36) 1,2-Dichloroethane	6.17	62	23782	5.228	ug/l 99
37) Trichloroethene	7.18	130	17056	4.909	ug/l 97
38) Methylcyclohexane	7.44	83	19688	4.813	ug/l 100
39) 1,2-Dichloropropane	7.49	63	15214	5.041	ug/l 98
40) Dibromomethane	7.63	93	11127	5.117	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.87	83	23824	5.250	ug/l	91
42) Vinyl Acetate	3.79	43	195054	24.037	ug/l	100
43) Ethyl Acetate	4.79	43	21717	5.200	ug/l #	84
44) Isopropyl Acetate	6.41	43	33594	4.834	ug/l	98
45) 1,4-Dioxane	7.71	88	6384	96.377	ug/l	97
46) Methyl methacrylate	7.74	41	15633	4.618	ug/l	97
47) n-amyl Acetate	10.88	43	26507	4.308	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	23579	4.707	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	25639	4.891	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	16386	5.087	ug/l	96
51) Ethyl methacrylate	9.16	69	20609	4.391	ug/l	88
52) 1,3-Dichloropropane	9.35	76	26666	5.082	ug/l	98
53) Dibromochloromethane	9.57	129	19633	4.993	ug/l	98
54) 1,2-Dibromoethane	9.65	107	17181	4.988	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	58405	26.748	ug/l	98
56) Bromoform	10.84	173	14237	4.641	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	106129	24.862	ug/l	100
59) 2-Hexanone	9.48	43	77978	23.963	ug/l	99
61) Tetrachloroethene	9.32	164	18327	5.340	ug/l	94
62) Toluene	8.76	91	65191	5.111	ug/l	99
64) Chlorobenzene	10.12	112	42734	5.022	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.20	131	17470	5.025	ug/l	98
66) Ethyl Benzene	10.24	91	68367	4.763	ug/l	100
67) m/p-Xylenes	10.34	106	53099	9.577	ug/l	99
68) o-Xylene	10.68	106	25507	4.841	ug/l	94
69) Styrene	10.70	104	40581	4.343	ug/l	99
70) Isopropylbenzene	11.00	105	67719	4.685	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	23826	5.256	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	29331	6.587	ug/l	91
73) Bromobenzene	11.24	156	21349	5.257	ug/l	93
74) n-propylbenzene	11.34	91	79098	4.724	ug/l	98
75) 2-Chlorotoluene	11.40	91	51018	4.998	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	58245	4.697	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	8069	4.753	ug/l	92
78) 4-Chlorotoluene	11.49	91	57929	4.787	ug/l	100
79) tert-butylbenzene	11.76	119	55201	4.588	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	58510	4.677	ug/l	97
81) sec-Butylbenzene	11.93	105	63941	4.610	ug/l	99
82) p-Isopropyltoluene	12.05	119	59074	4.504	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	34754	4.756	ug/l	97
84) 1,4-Dichlorobenzene	12.08	146	35439	4.793	ug/l	97
85) n-Butylbenzene	12.37	91	49703	4.485	ug/l	99
86) Hexachloroethane	12.58	117	12407	4.890	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	35003	5.009	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	5889	5.362	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	20785	4.385	ug/l	98
90) Hexachlorobutadiene	13.76	225	9621	5.060	ug/l	98
91) Naphthalene	13.82	128	62056	4.271	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	21449	4.550	ug/l	100

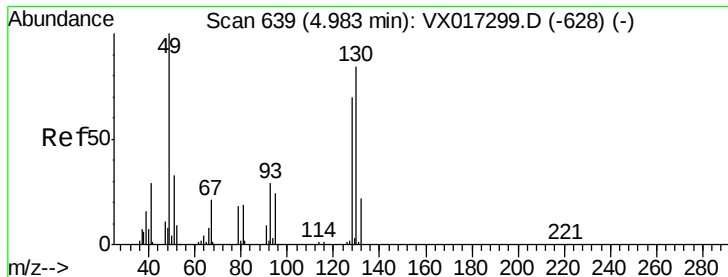
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. 0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

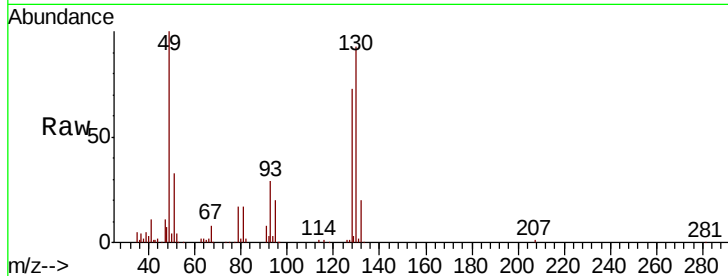
Tot Ion:128 Resp: 55257

Ion Ratio Lower Upper

128 100

49 144.3 0.0 358.8

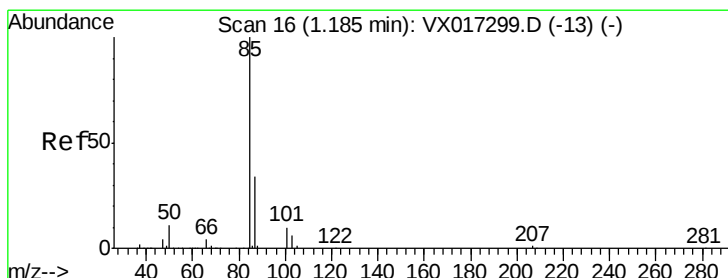
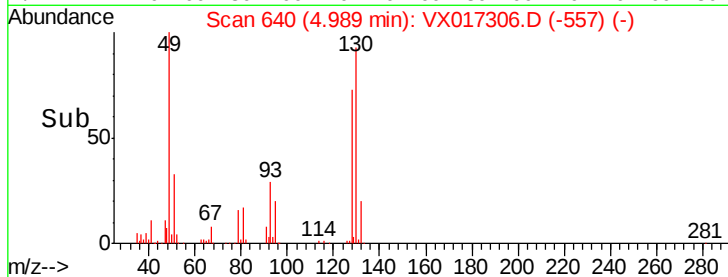
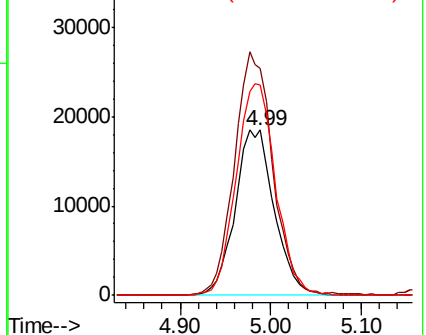
130 129.1 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 5.388 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017306.D

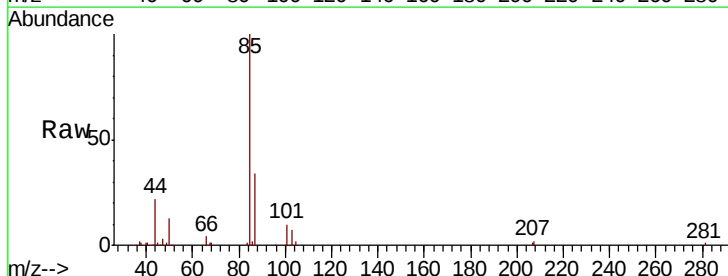
Acq: 09 Jul 2020 14:40

Tgt Ion: 85 Resp: 13015

Ion Ratio Lower Upper

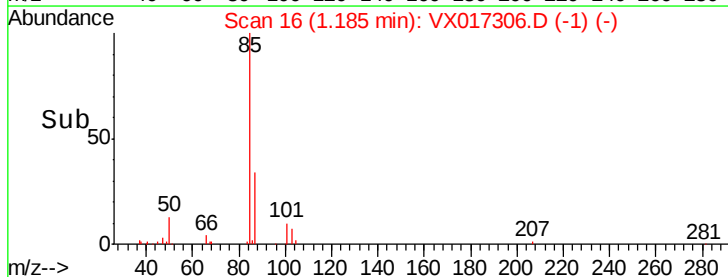
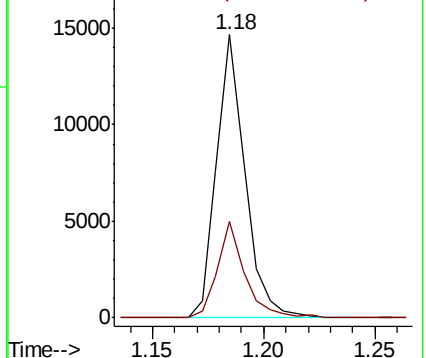
85 100

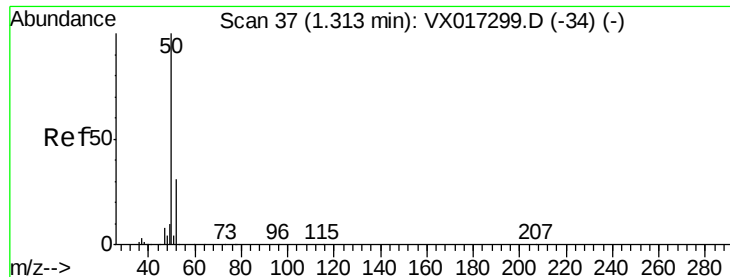
87 34.2 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 5.059 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

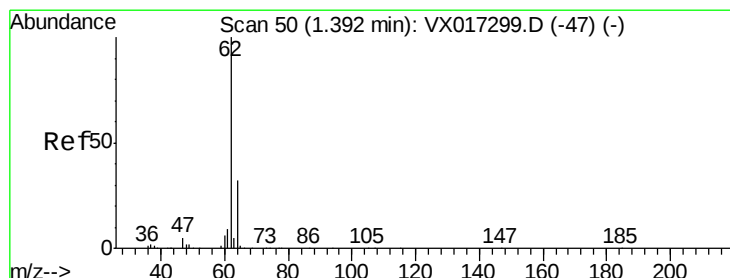
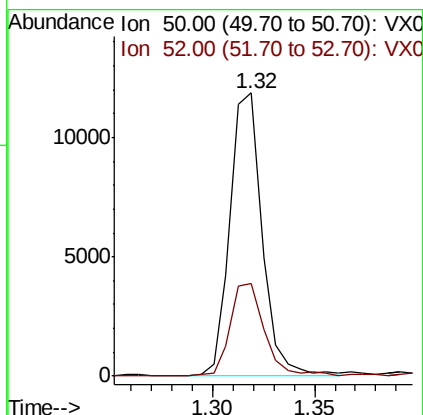
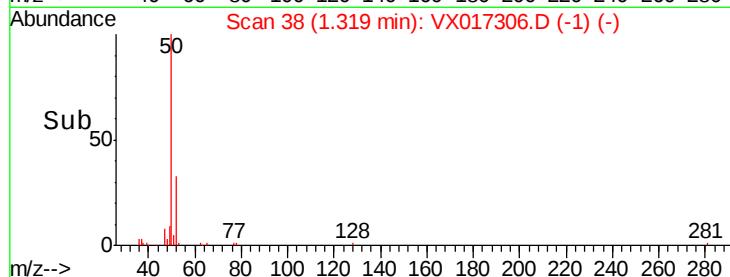
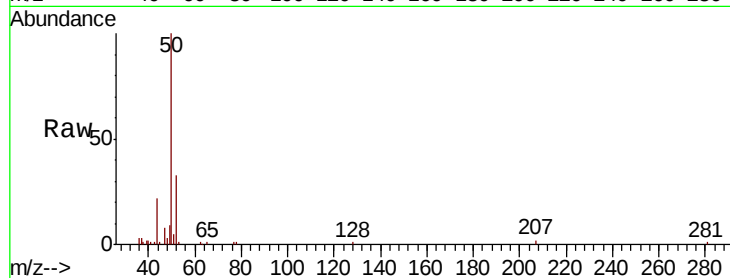
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 50 Resp: 13019

Ion Ratio Lower Upper

50 100

52 32.6 24.8 37.2



#4

Vinyl Chloride

Concen: 5.016 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017306.D

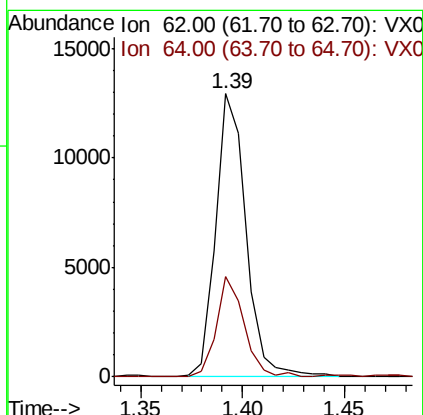
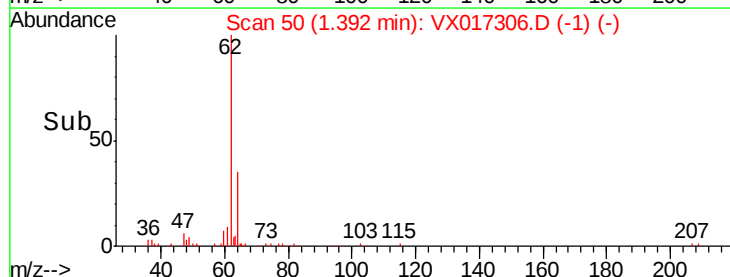
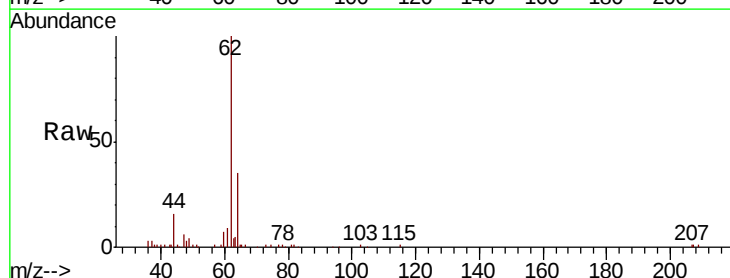
Acq: 09 Jul 2020 14:40

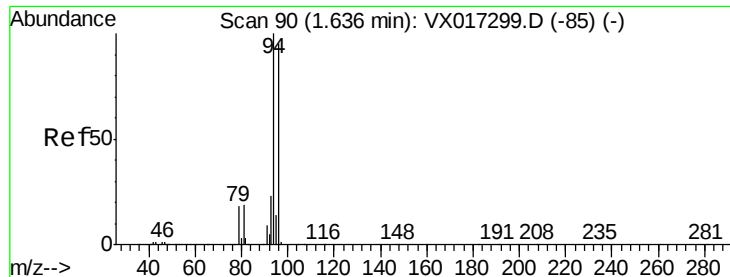
Tgt Ion: 62 Resp: 13301

Ion Ratio Lower Upper

62 100

64 35.2 25.3 37.9





#5

Bromomethane

Concen: 5.280 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

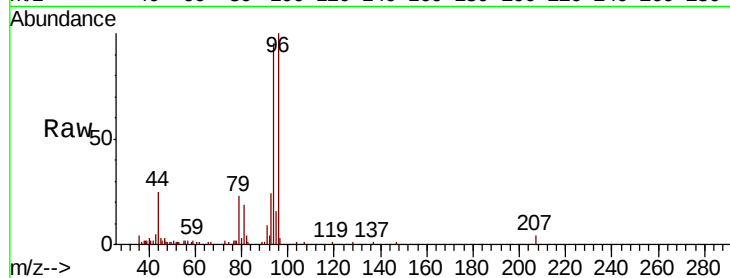
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 94 Resp: 9332

Ion Ratio Lower Upper

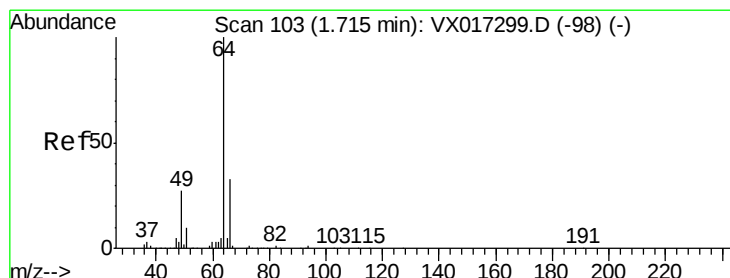
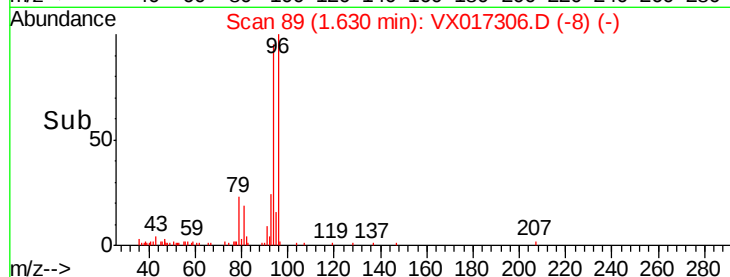
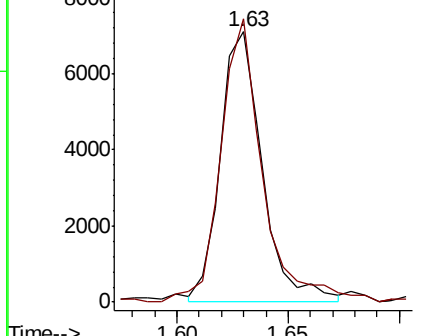
94 100

96 103.7 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 4.794 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017306.D

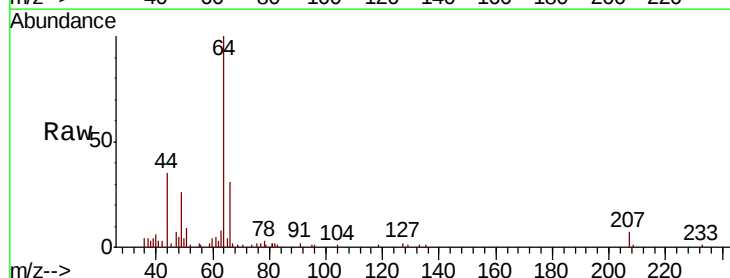
Acq: 09 Jul 2020 14:40

Tgt Ion: 64 Resp: 8406

Ion Ratio Lower Upper

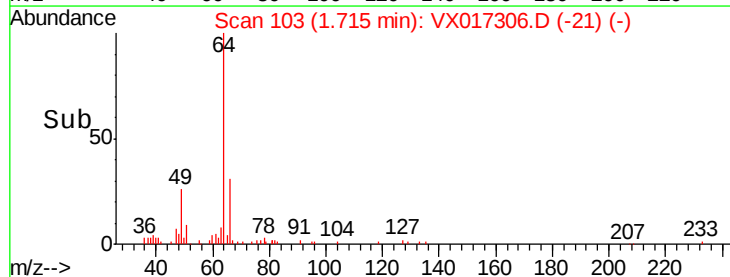
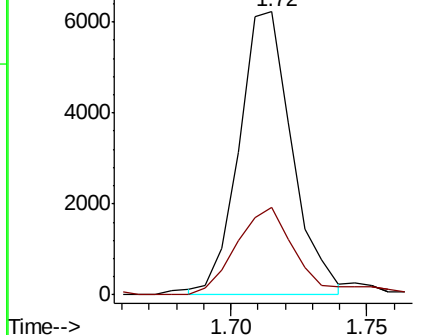
64 100

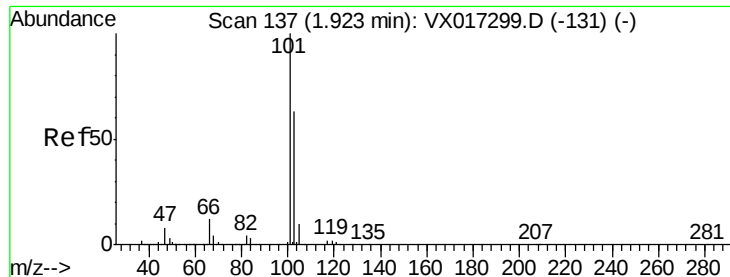
66 31.4 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

Trichlorofluoromethane

Concen: 4.979 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

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ClientSampleId :

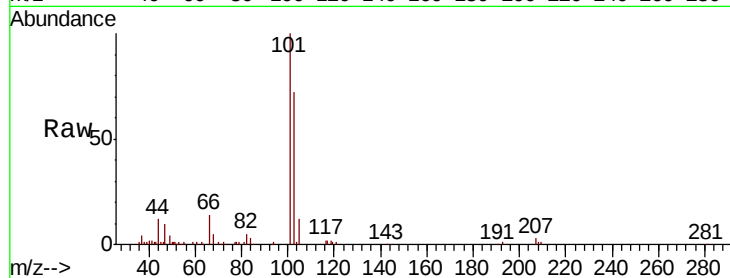
LOD-MDL-WATER-01-QT3-2020

Tot Ion:101 Resp: 23454

Ion Ratio Lower Upper

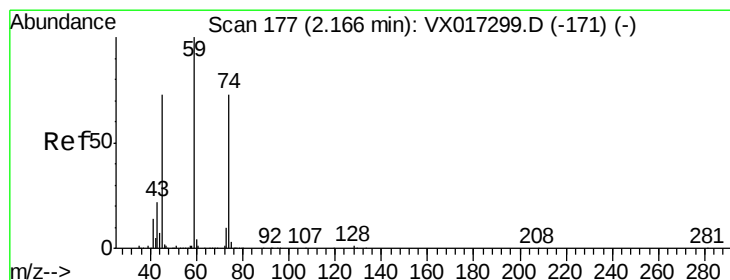
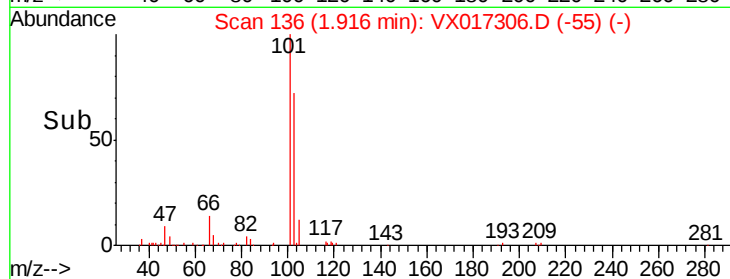
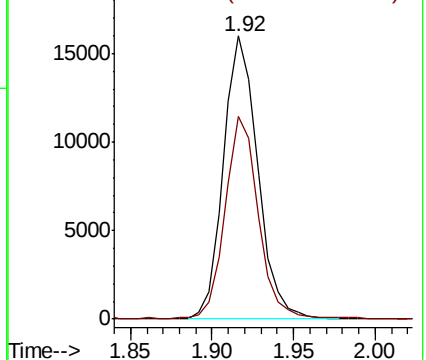
101 100

103 71.1 50.1 75.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 5.178 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX017306.D

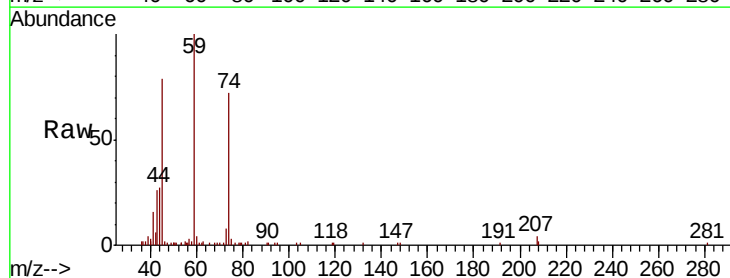
Acq: 09 Jul 2020 14:40

Tgt Ion: 74 Resp: 8653

Ion Ratio Lower Upper

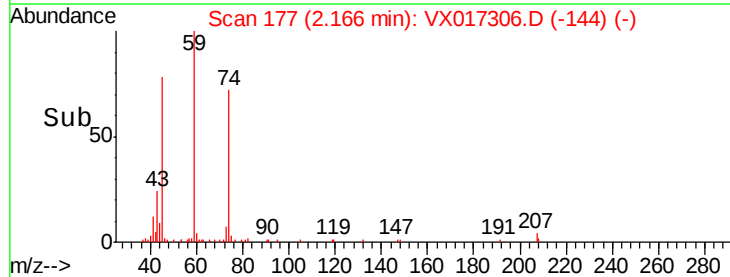
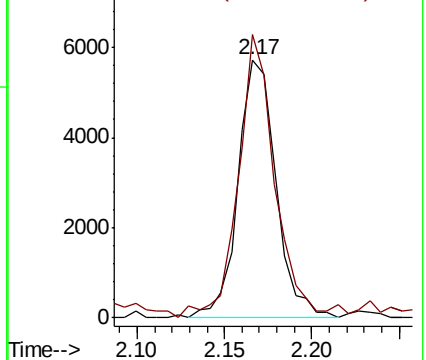
74 100

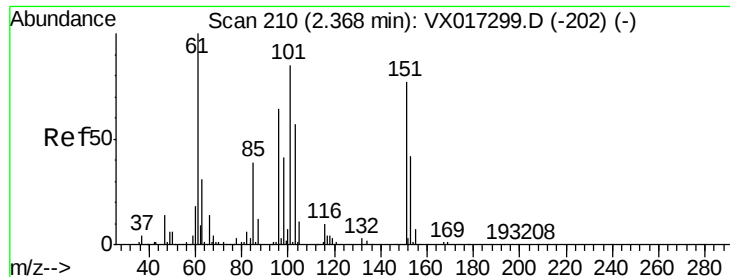
45 97.1 18.9 170.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.557 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

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ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

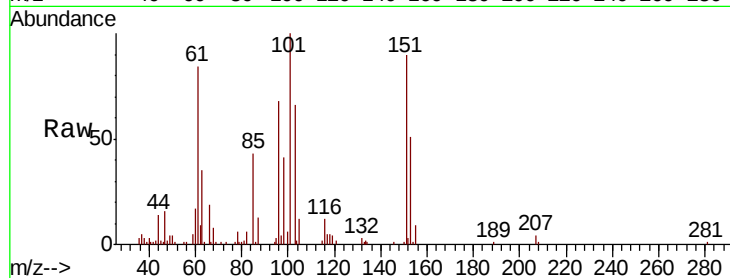
Tot Ion:101 Resp: 14312

Ion Ratio Lower Upper

101 100

85 47.2 0.0 87.8

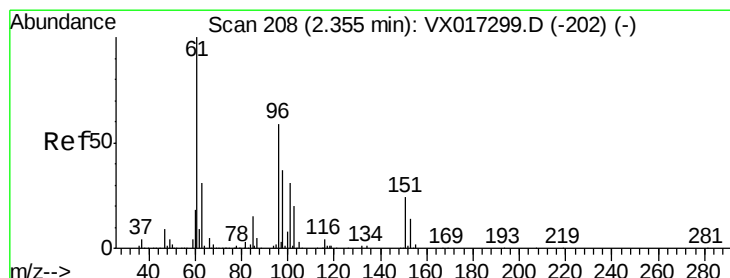
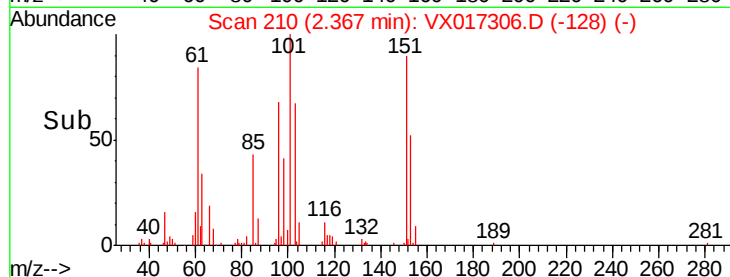
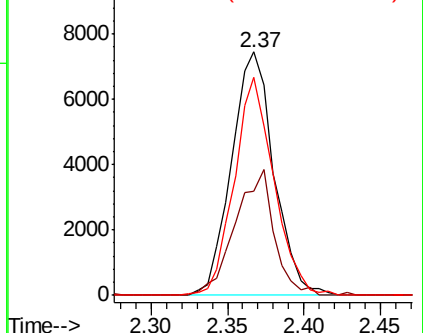
151 83.8 0.0 170.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.189 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

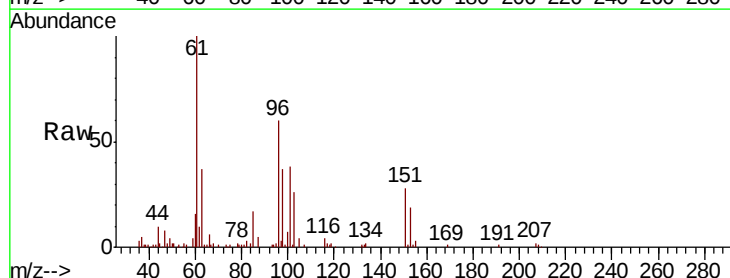
Tgt Ion: 96 Resp: 13175

Ion Ratio Lower Upper

96 100

61 166.9 137.0 205.4

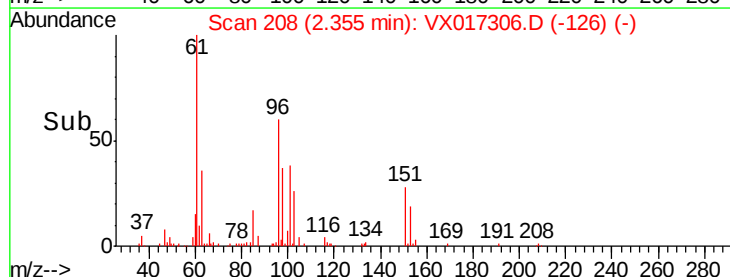
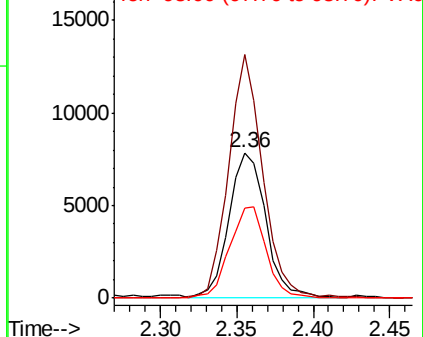
98 62.2 51.1 76.7

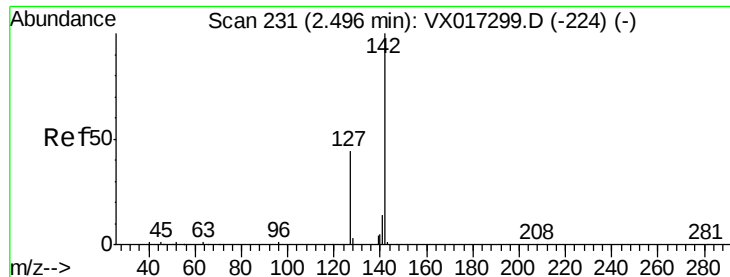


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

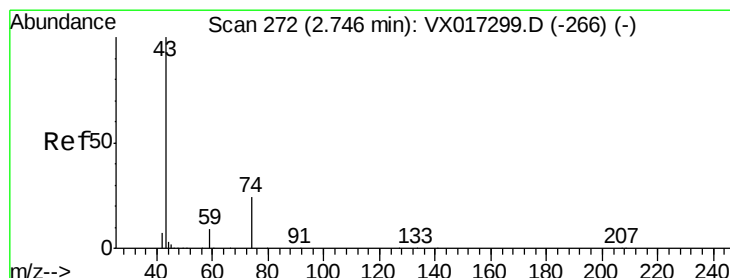
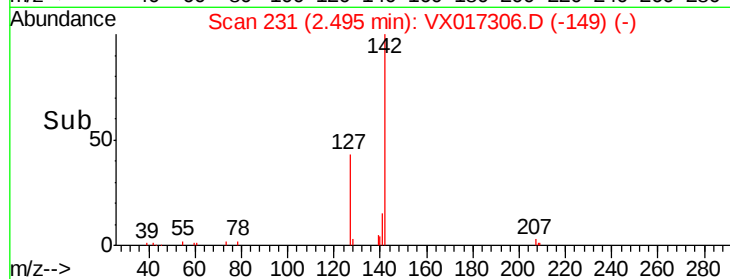
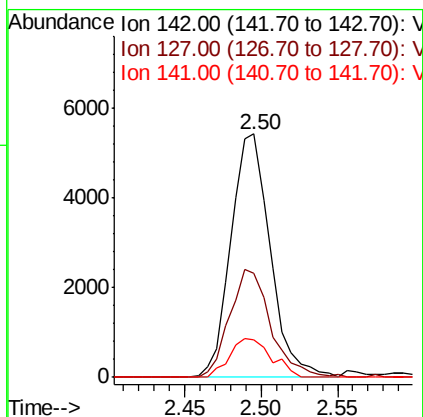
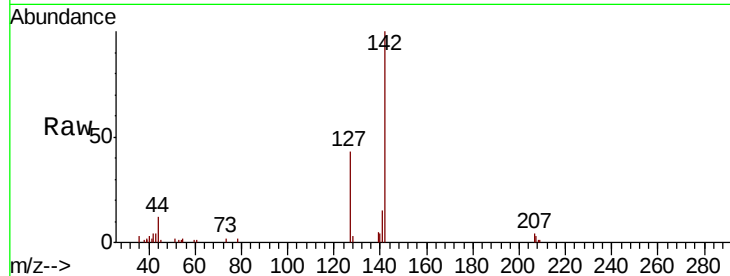




#11
Methvl Iodide
Concen: 3.239 ug/l
RT: 2.50 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

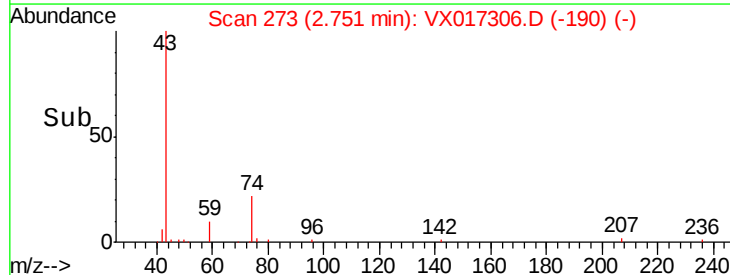
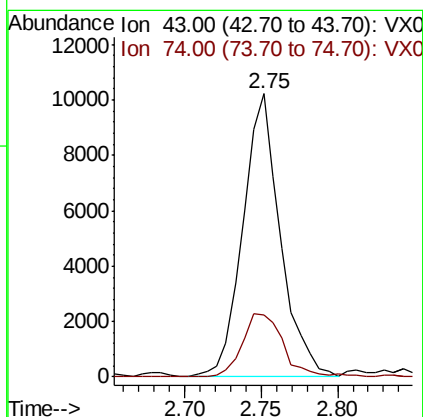
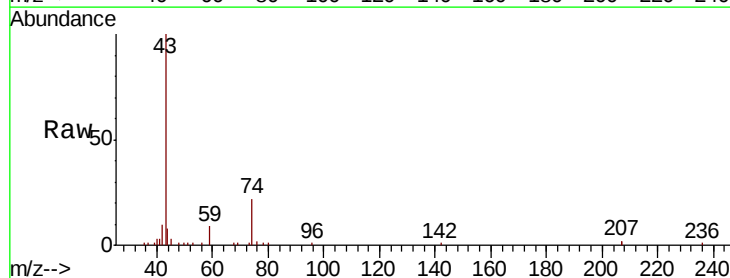
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

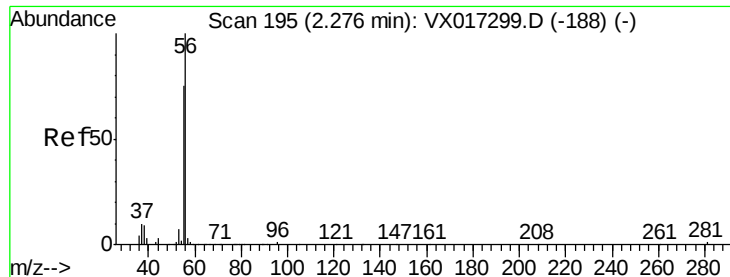
Tot Ion:142 Resp: 9686
Ion Ratio Lower Upper
142 100
127 41.6 21.9 65.7
141 15.5 7.0 21.1



#12
Methyl Acetate
Concen: 4.909 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion: 43 Resp: 17368
Ion Ratio Lower Upper
43 100
74 21.2 18.8 28.2





#13

Acrolein

Concen: 22.424 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

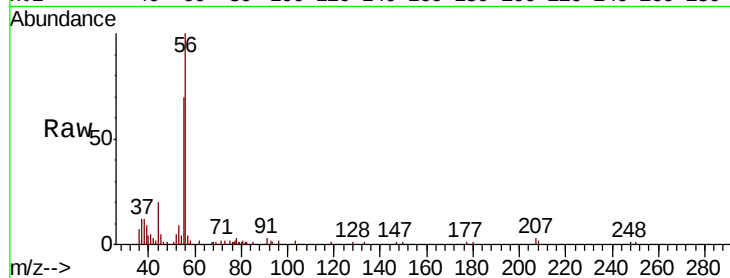
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 56 Resp: 10260

Ion Ratio Lower Upper

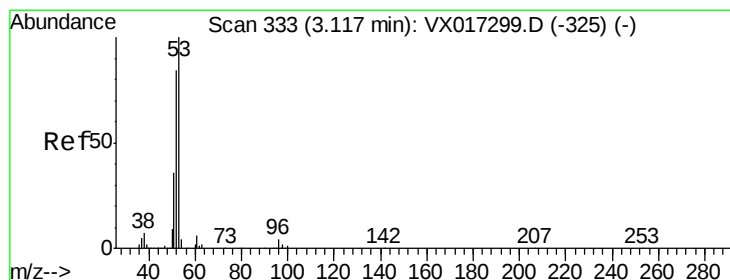
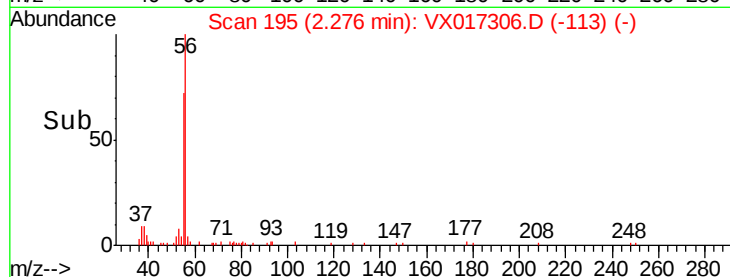
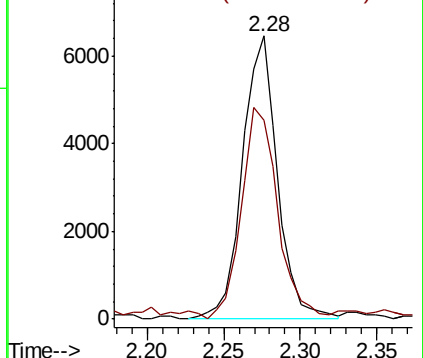
56 100

55 77.7 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 25.131 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

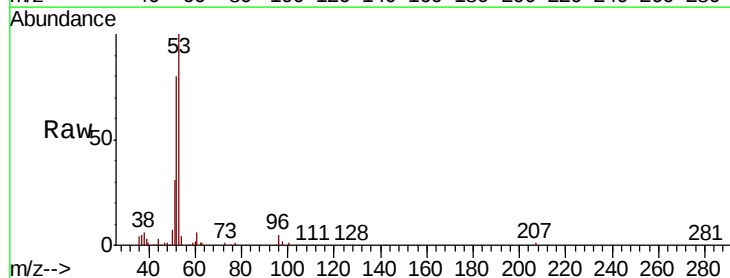
Tgt Ion: 53 Resp: 40118

Ion Ratio Lower Upper

53 100

52 83.3 41.3 123.9

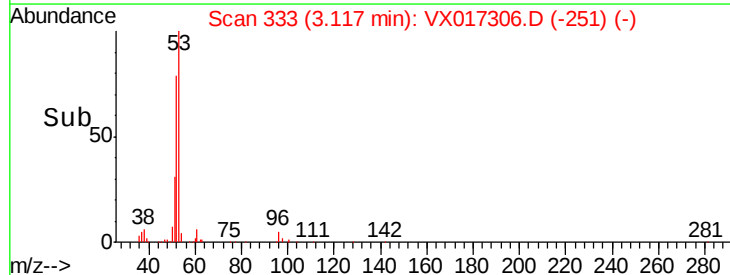
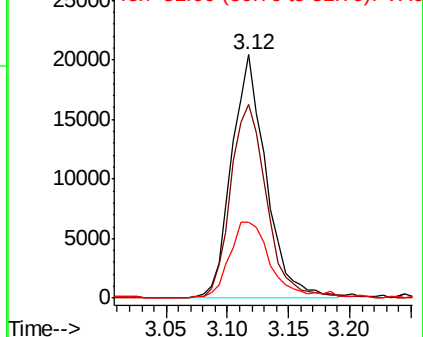
51 36.7 18.1 54.1

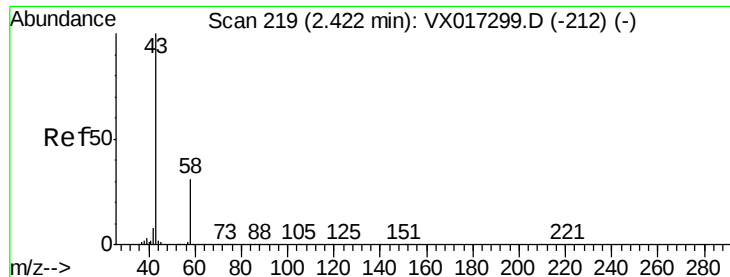


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 25.956 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

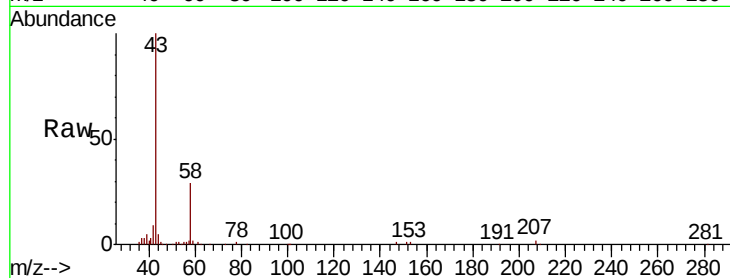
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 58 Resp: 10450

Ion Ratio Lower Upper

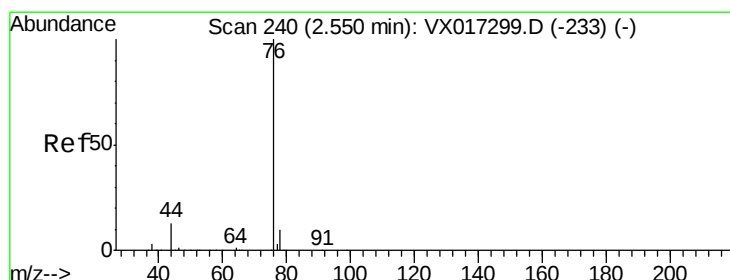
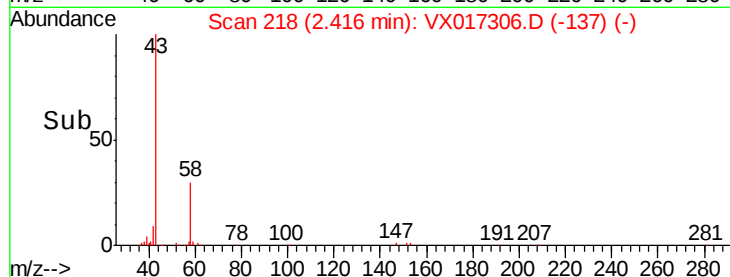
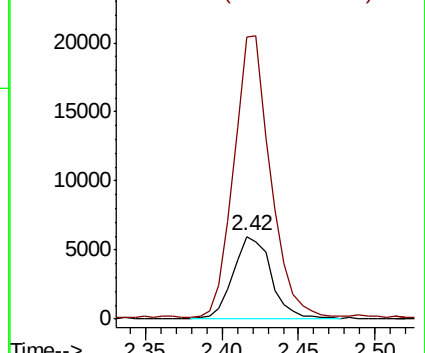
58 100

43 338.7 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 4.290 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017306.D

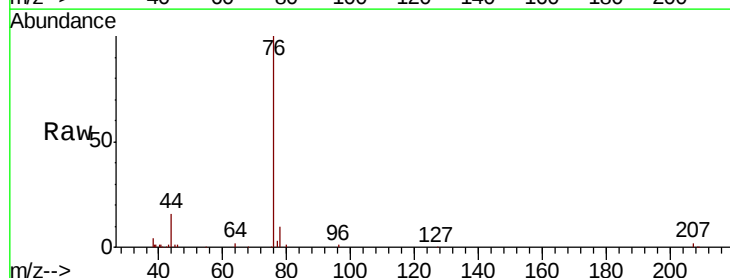
Acq: 09 Jul 2020 14:40

Tgt Ion: 76 Resp: 29547

Ion Ratio Lower Upper

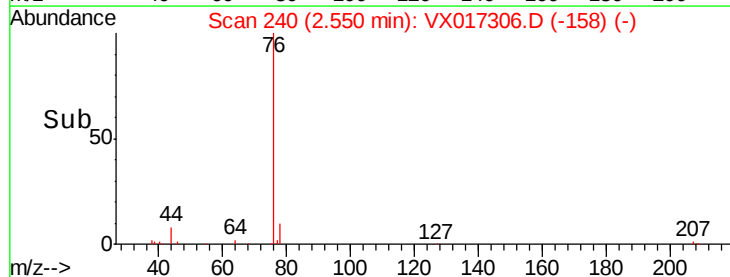
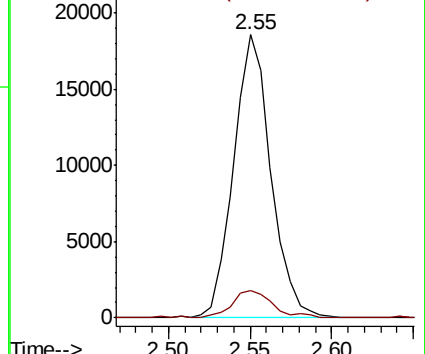
76 100

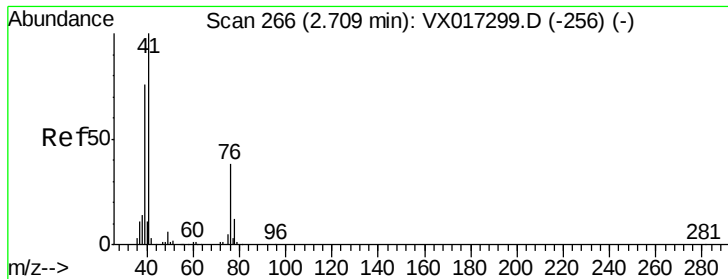
78 9.7 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

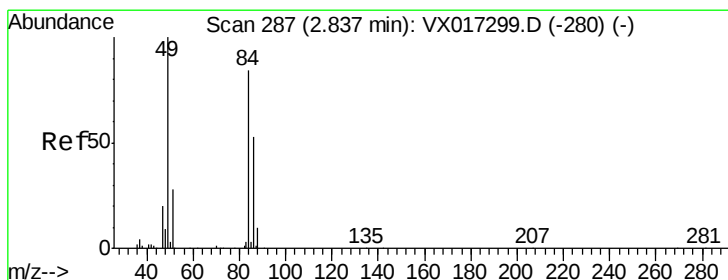
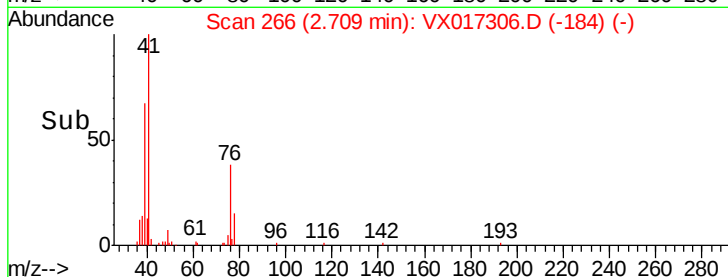
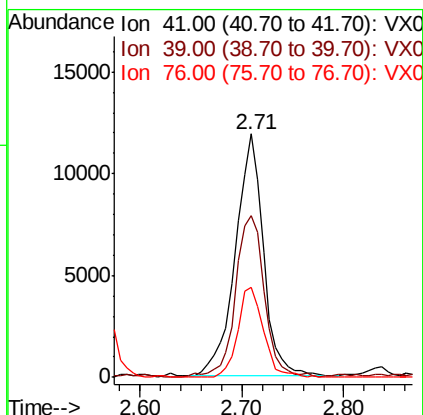
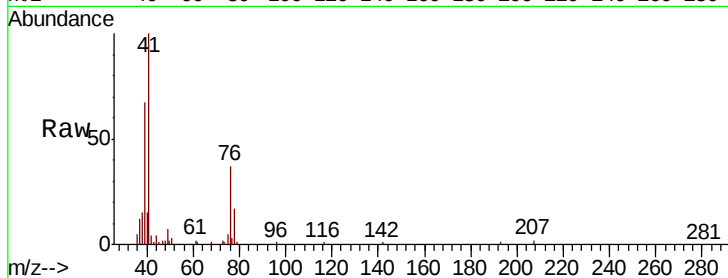




#17
Allvl chloride
Concen: 4.802 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

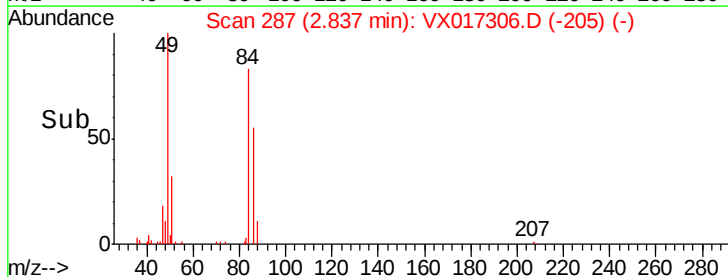
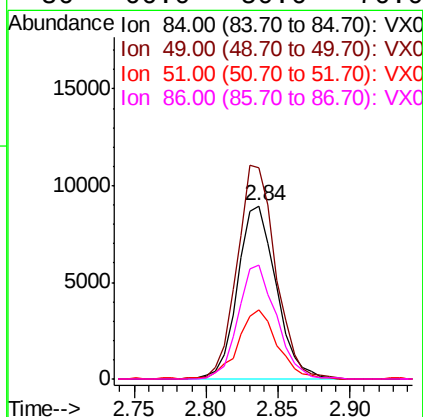
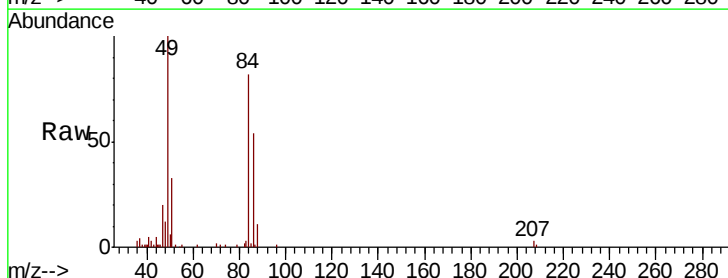
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

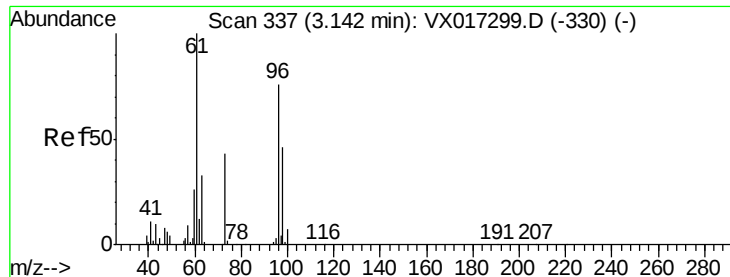
Tot Ion: 41 Resp: 22684
Ion Ratio Lower Upper
41 100
39 66.2 38.1 114.5
76 37.4 18.8 56.4



#18
Methylene Chloride
Concen: 5.334 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion: 84 Resp: 16683
Ion Ratio Lower Upper
84 100
49 120.8 95.7 143.5
51 40.0 27.2 40.8
86 66.0 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 4.894 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

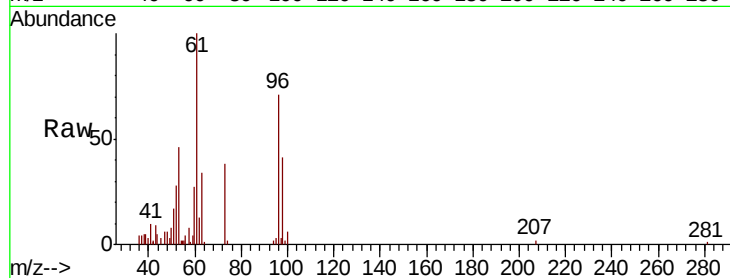
Tot Ion: 96 Resp: 14529

Ion Ratio Lower Upper

96 100

61 141.0 105.0 157.6

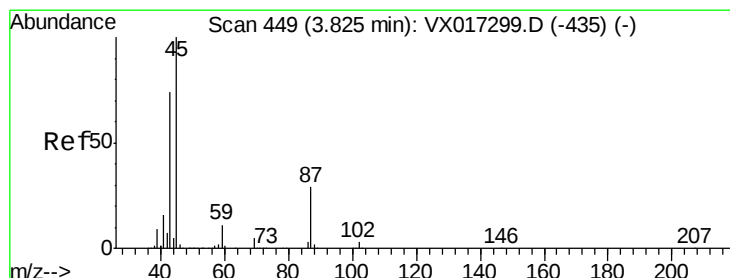
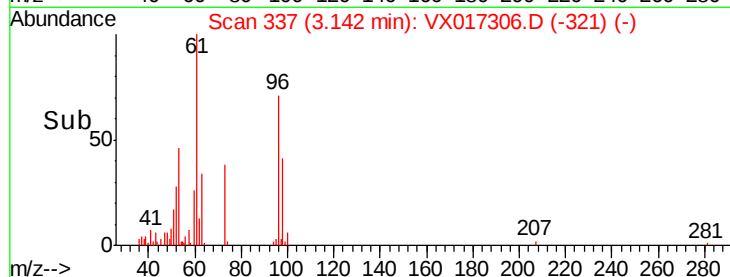
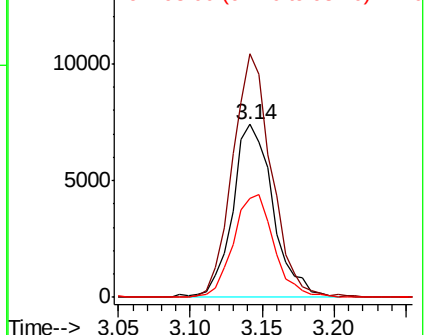
98 57.6 48.6 73.0



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 5.015 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Tgt Ion: 45 Resp: 47362

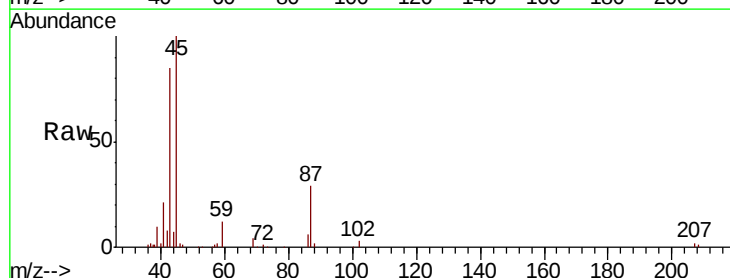
Ion Ratio Lower Upper

45 100

43 84.2 59.5 89.3

87 29.5 23.2 34.8

59 11.7 8.5 12.7

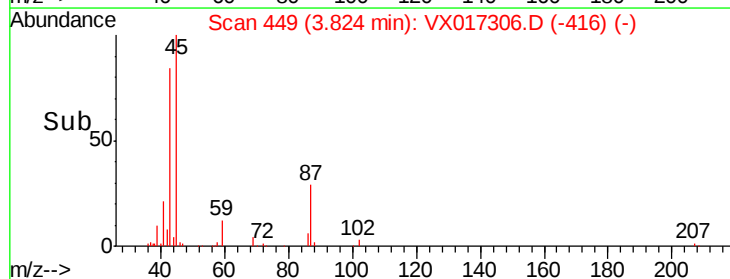
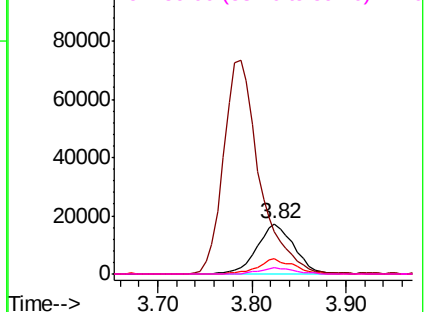


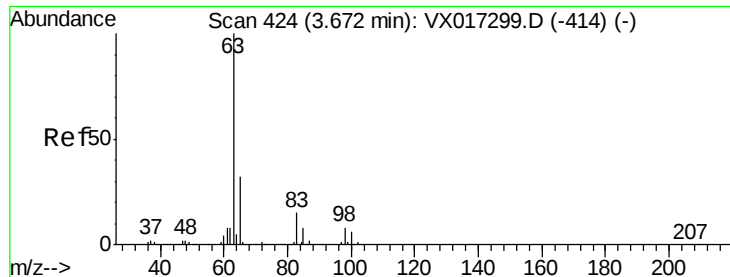
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 5.068 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

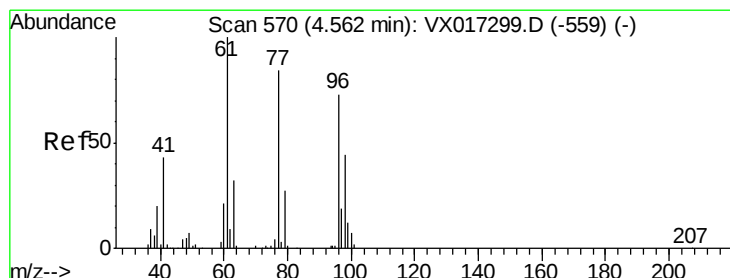
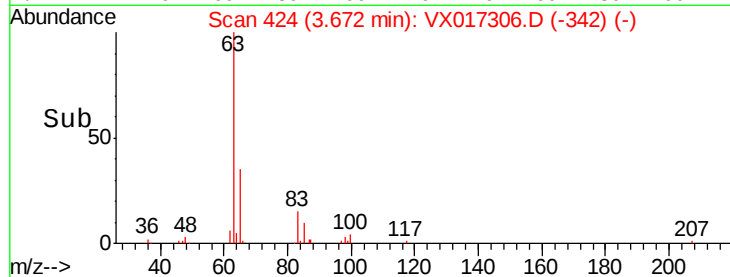
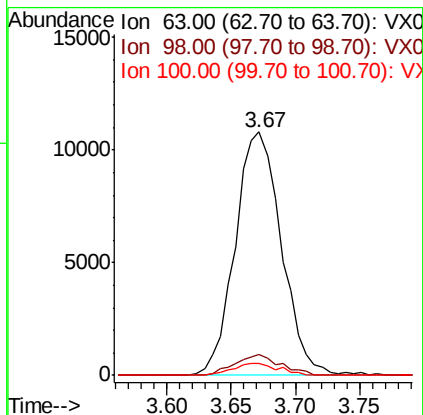
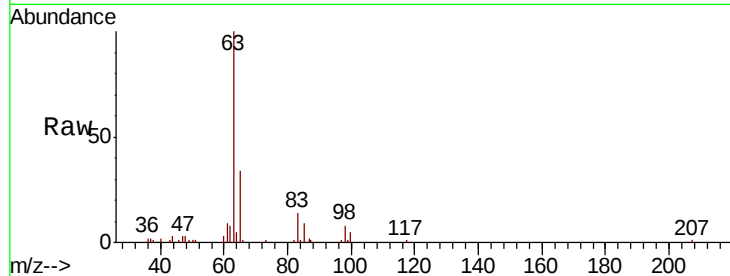
Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	63	Resp:	26827
Ion	Ratio	Lower	Upper
63	100		
98	8.4	4.2	12.4
100	4.8	2.8	8.3



#22

cis-1,2-Dichloroethene

Concen: 5.120 ug/l

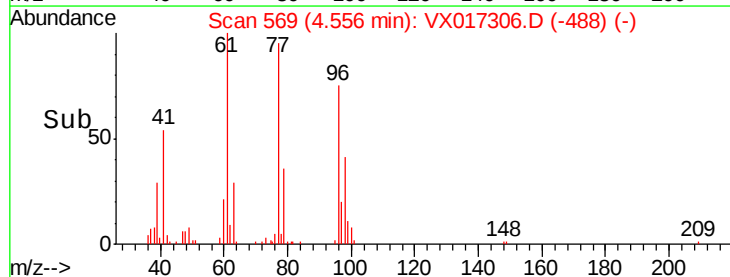
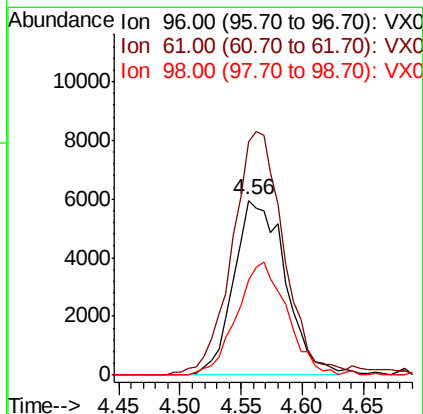
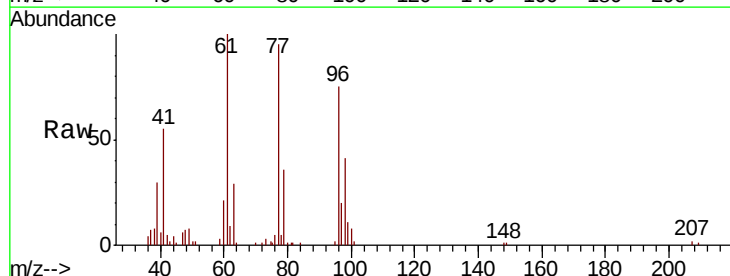
RT: 4.56 min Scan# 569

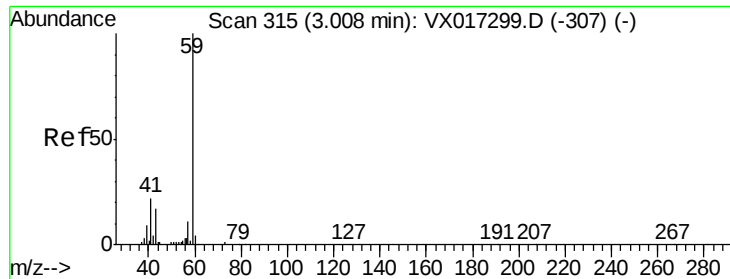
Delta R.T. -0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Tgt Ion:	96	Resp:	17342
Ion	Ratio	Lower	Upper
96	100		
61	139.5	111.7	167.5
98	62.7	50.9	76.3



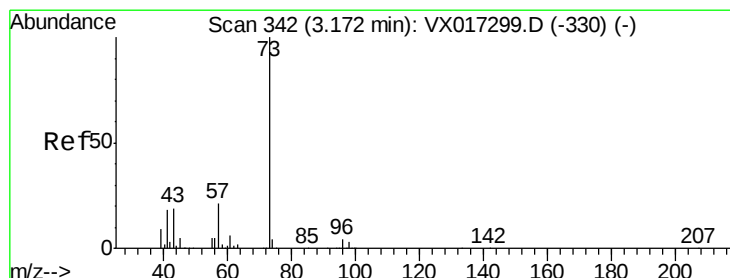
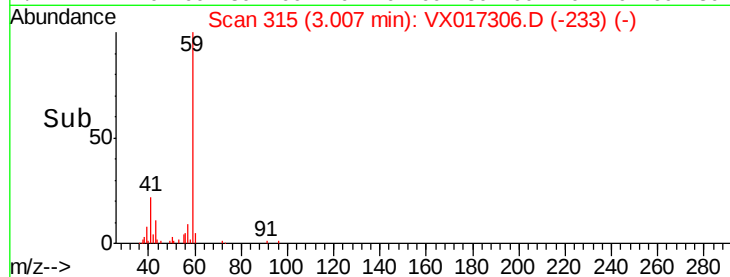
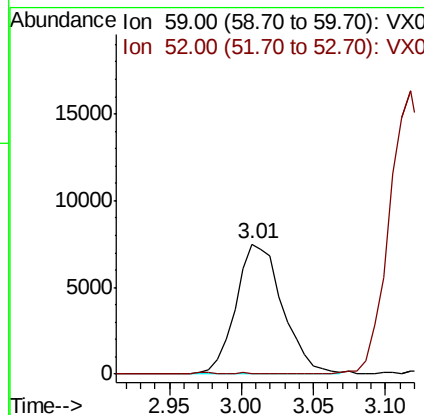
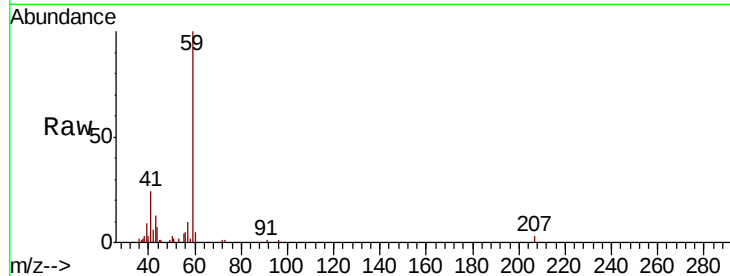


#23

tert-Butyl Alcohol
 Concen: 25.730 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

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

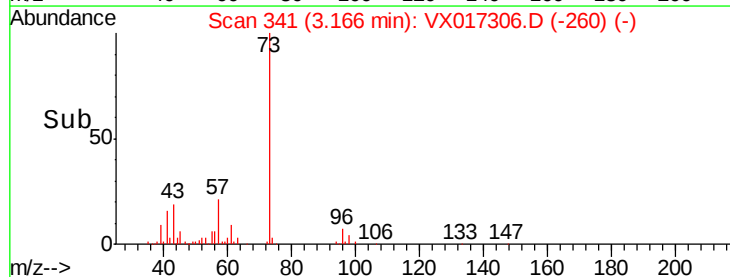
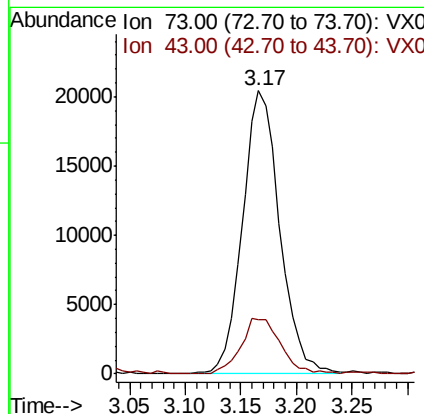
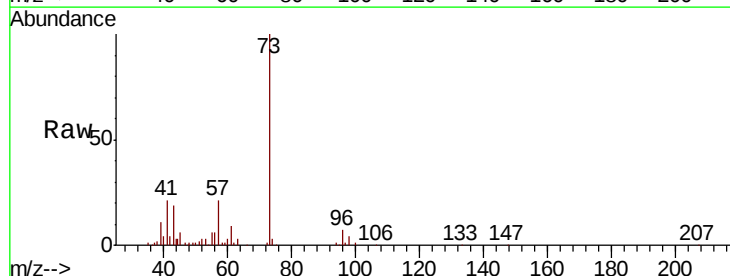
Tot Ion: 59 Resp: 16949
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.4 0.6#

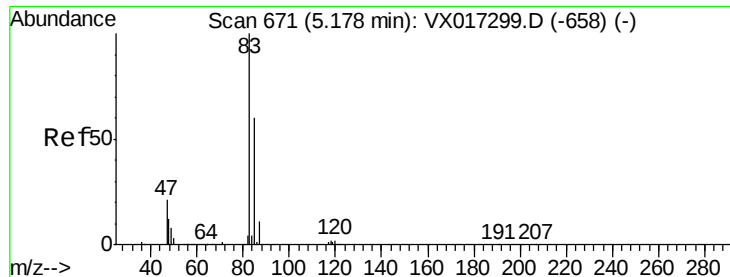


#24

Methyl tert-Butyl Ether
 Concen: 4.894 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

Tgt Ion: 73 Resp: 47445
 Ion Ratio Lower Upper
 73 100
 43 20.9 16.3 24.5





#25

Chloroform

Concen: 5.264 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

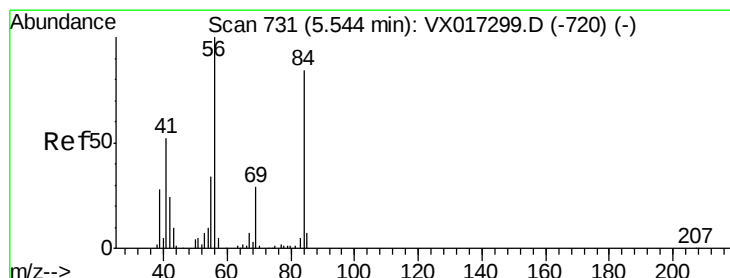
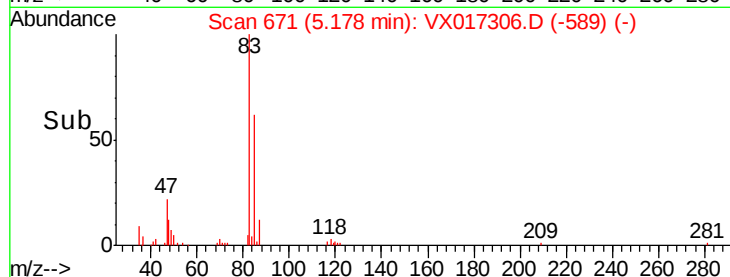
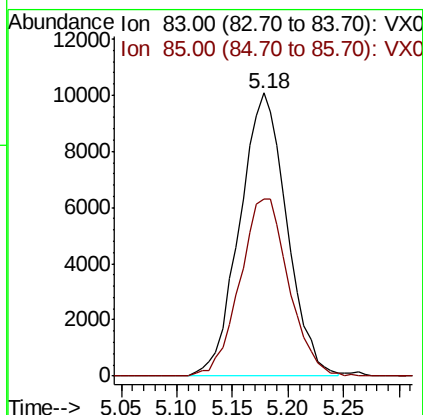
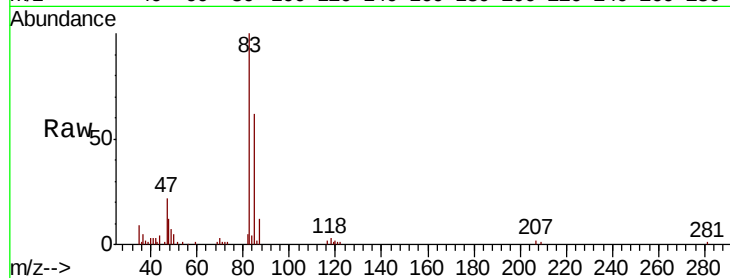
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 83 Resp: 29691

Ion Ratio Lower Upper

83 100

85 62.4 47.8 71.8



#26

Cyclohexane

Concen: 4.679 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

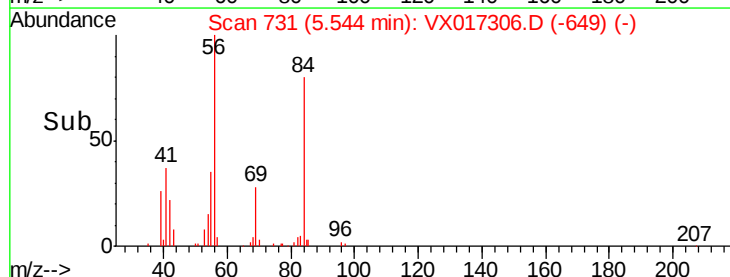
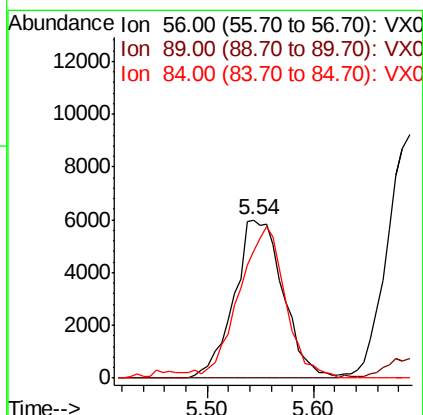
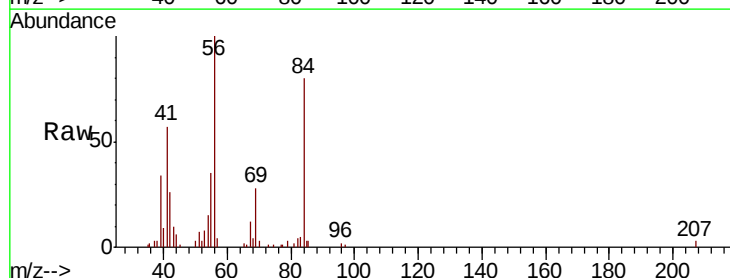
Tgt Ion: 56 Resp: 19298

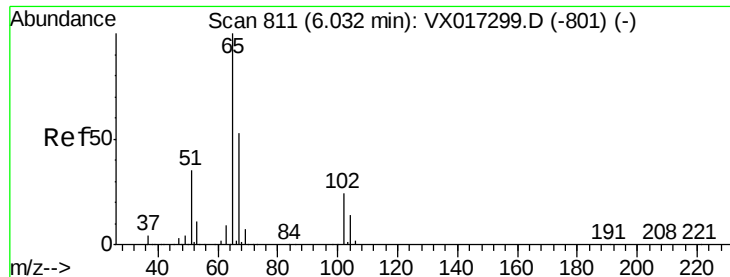
Ion Ratio Lower Upper

56 100

89 0.3 0.0 0.0#

84 89.9 71.5 107.3

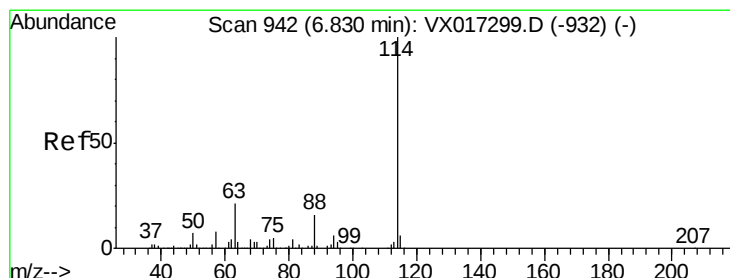
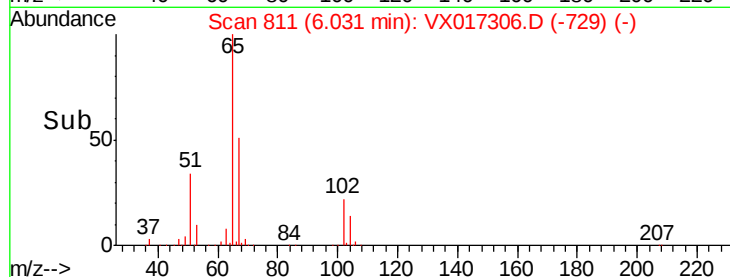
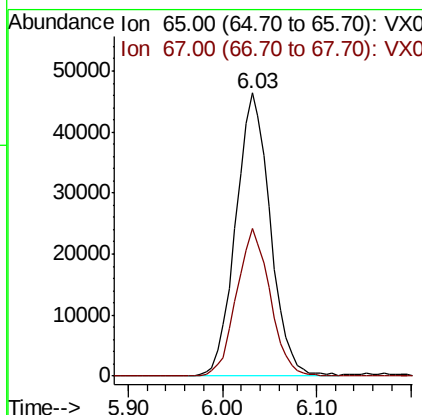
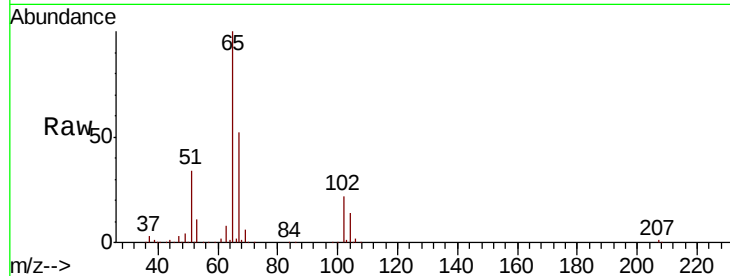




#27
 1,2-Dichloroethane-d4
 Concen: 29.898 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

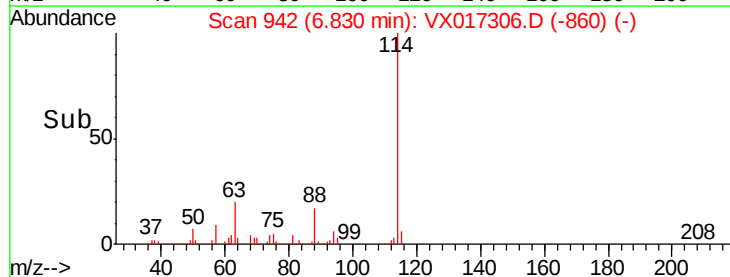
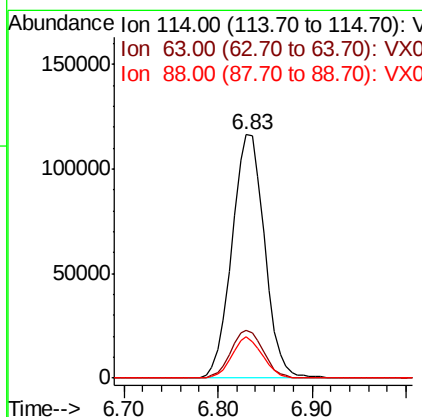
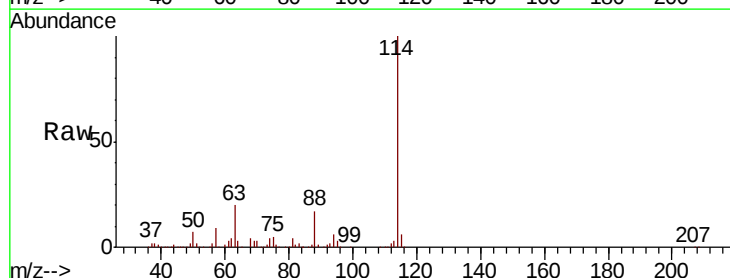
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

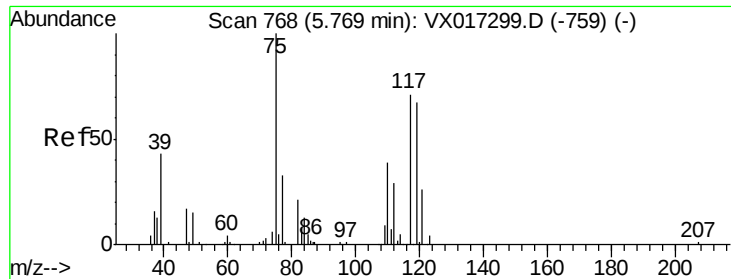
Tot Ion: 65 Resp: 118739
 Ion Ratio Lower Upper
 65 100
 67 50.9 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

Tgt Ion: 114 Resp: 281511
 Ion Ratio Lower Upper
 114 100
 63 19.7 15.9 23.9
 88 15.7 12.4 18.6

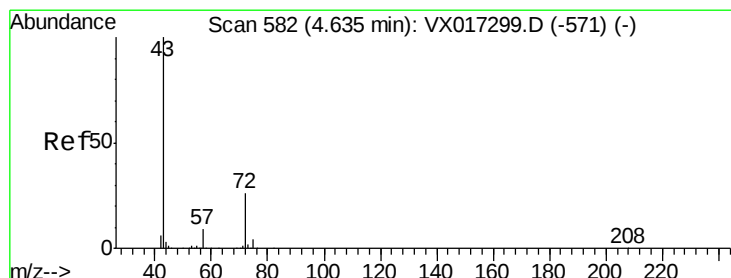
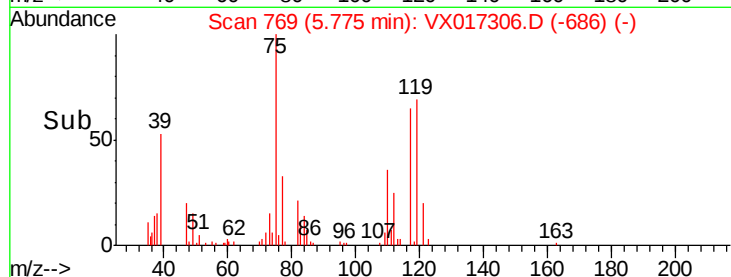
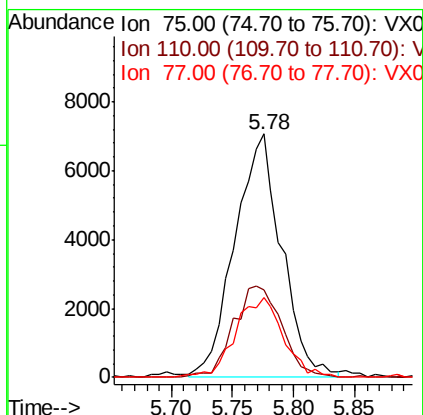
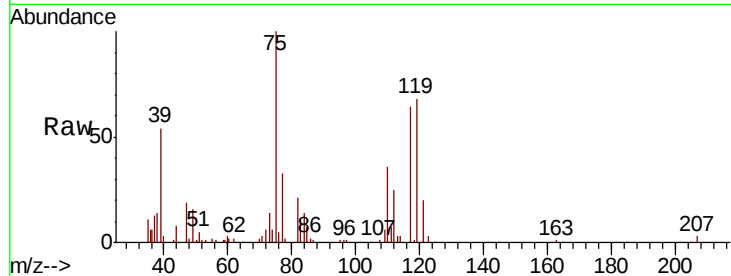




#29
 1,1-Dichloropropene
 Concen: 4.864 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

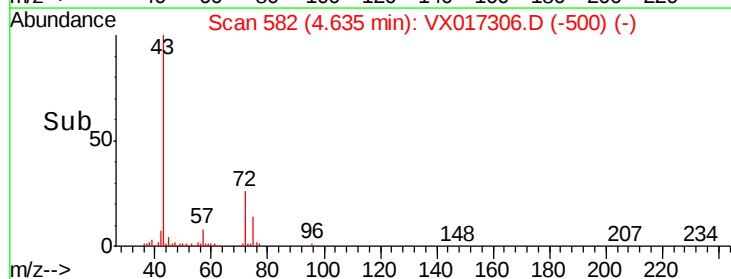
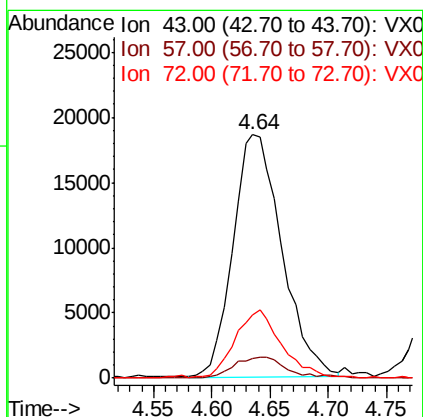
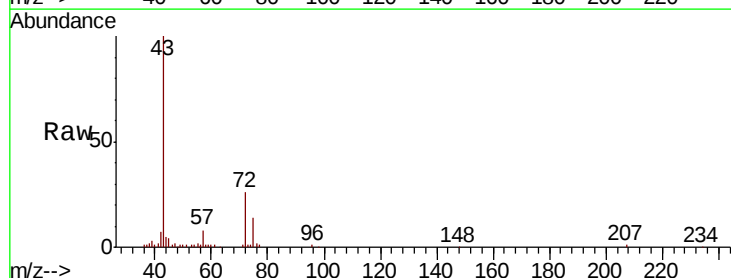
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

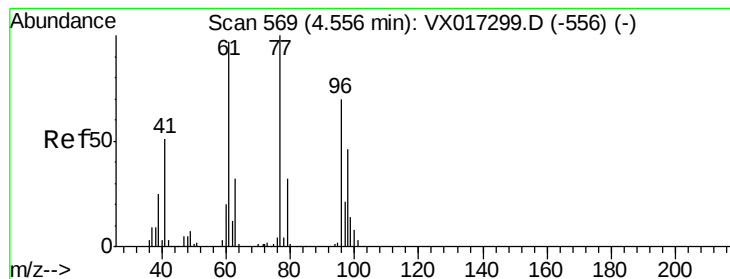
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.4	0.0	75.8
77	29.8	0.0	63.4



#30
 2-Butanone
 Concen: 25.557 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	6.8	10.2
72	26.7	21.0	31.6





#31

2,2-Dichloropropane

Concen: 5.062 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

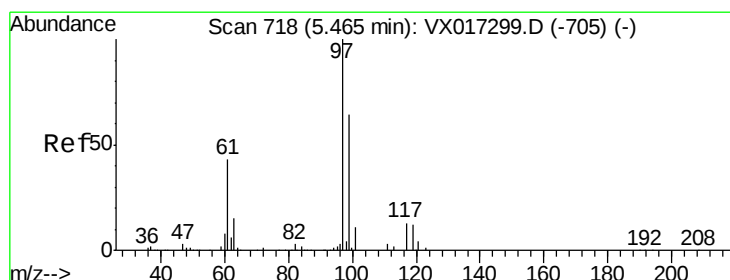
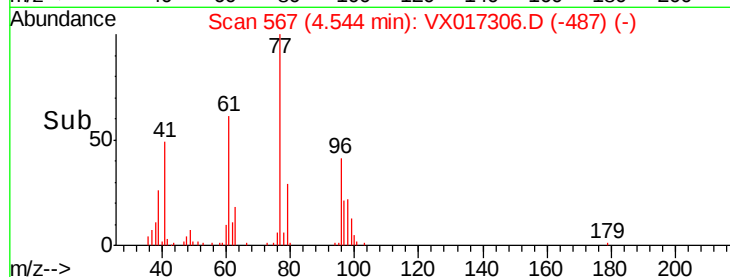
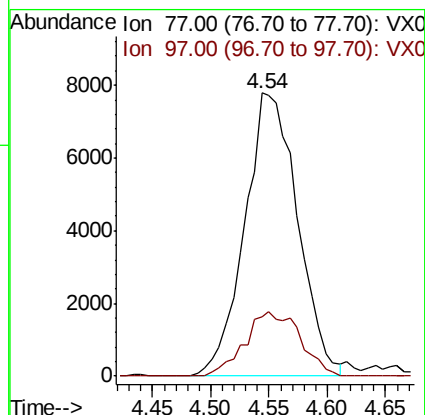
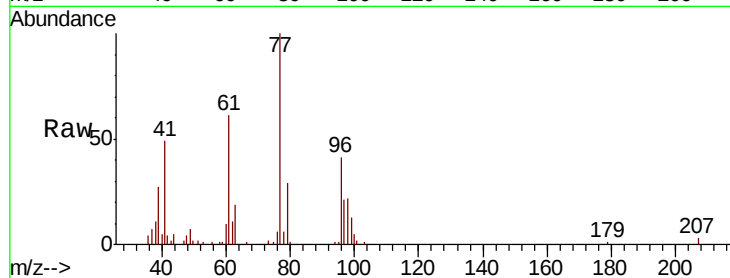
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 77 Resp: 24618

Ion Ratio Lower Upper

77 100

97 16.4 18.2 27.2#



#32

1,1,1-Trichloroethane

Concen: 5.324 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

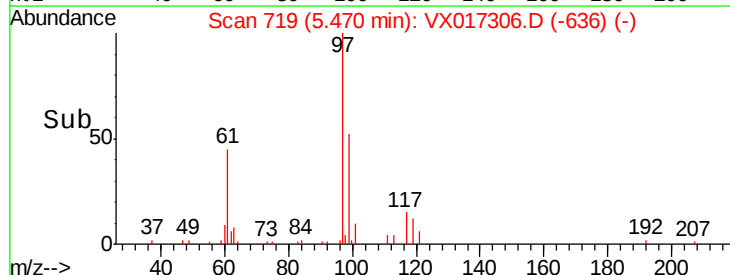
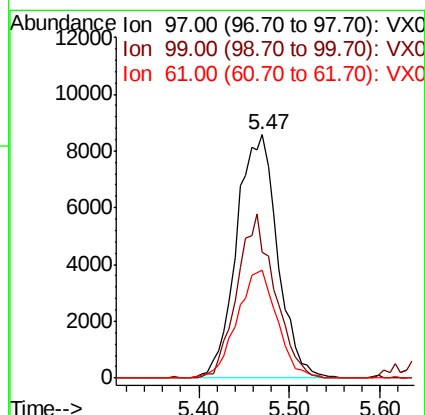
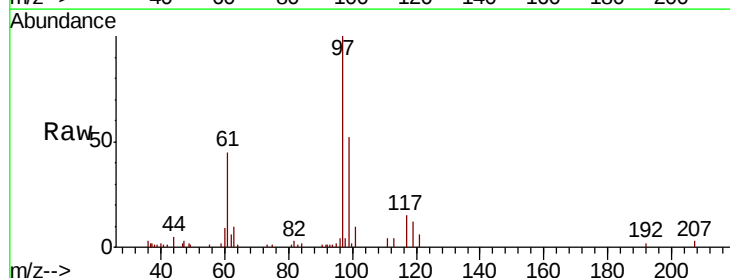
Tgt Ion: 97 Resp: 26909

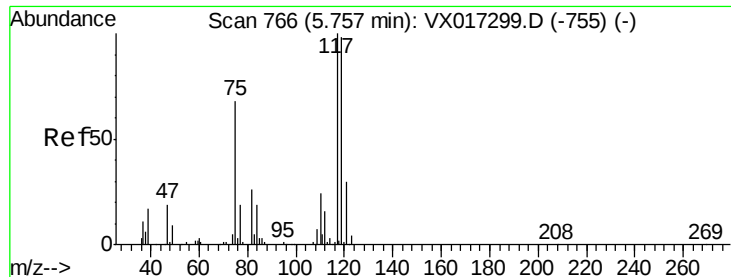
Ion Ratio Lower Upper

97 100

99 61.4 53.2 79.8

61 43.3 34.0 51.0

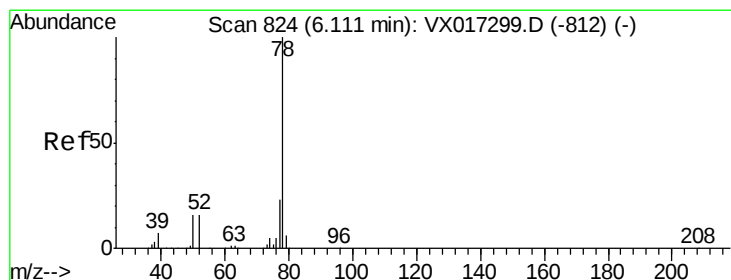
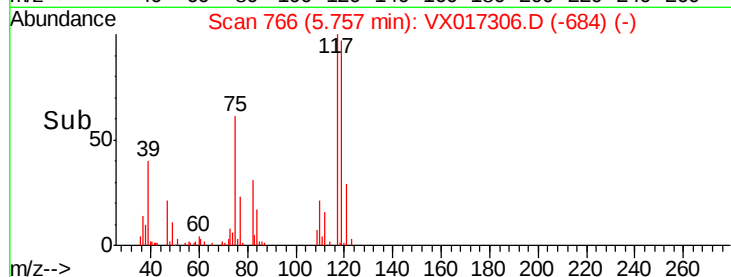
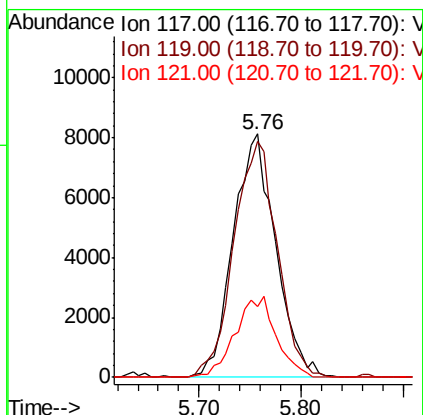
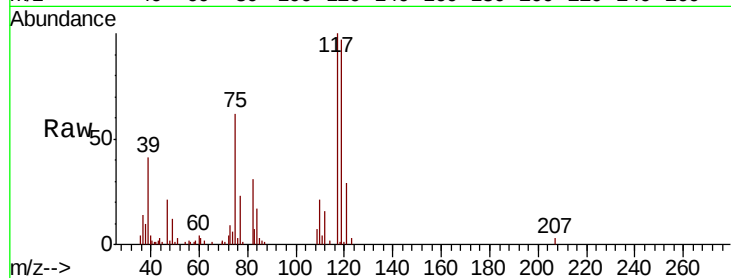




#33
Carbon Tetrachloride
Concen: 5.039 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

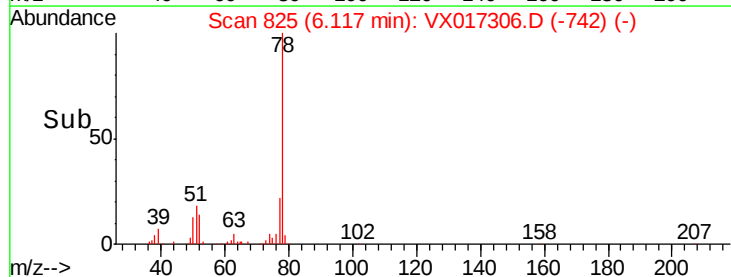
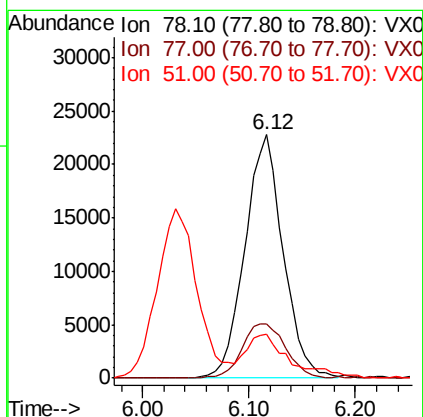
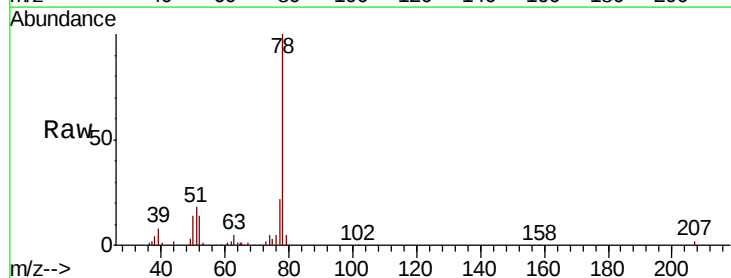
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

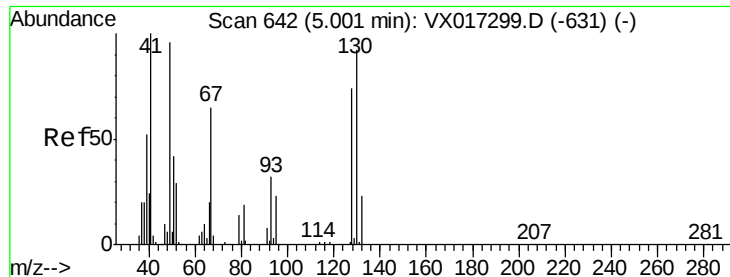
Tot Ion:117 Resp: 23484
Ion Ratio Lower Upper
117 100
119 97.0 78.8 118.2
121 29.1 23.7 35.5



#34
Benzene
Concen: 4.978 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion: 78 Resp: 57502
Ion Ratio Lower Upper
78 100
77 22.4 18.1 27.1
51 15.9 12.9 19.3

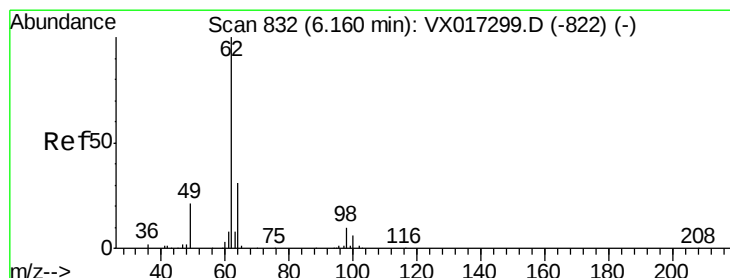
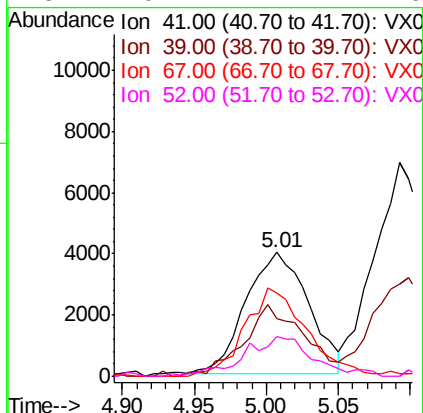
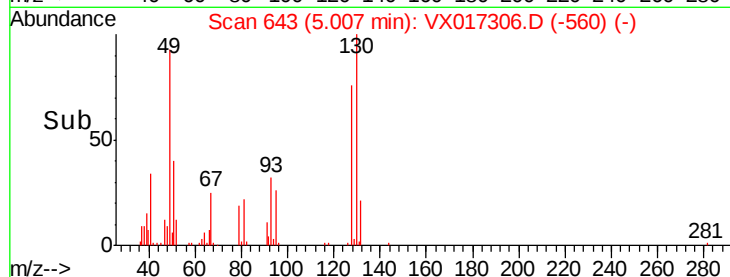
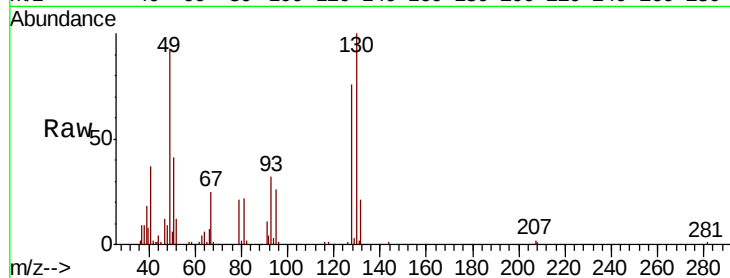




#35
Methacrylonitrile
Concen: 5.086 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

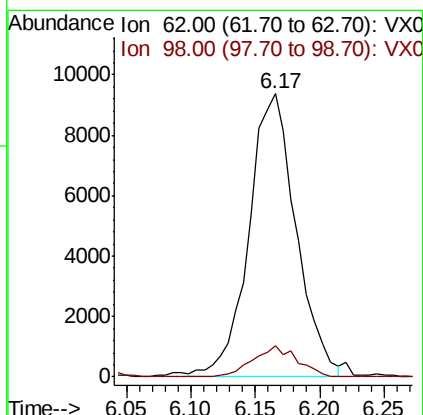
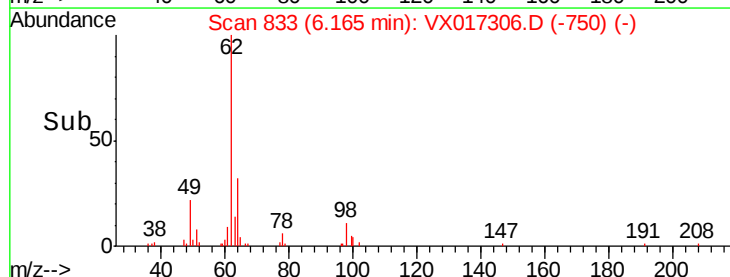
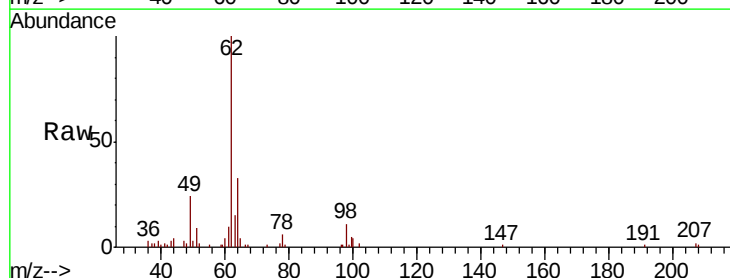
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

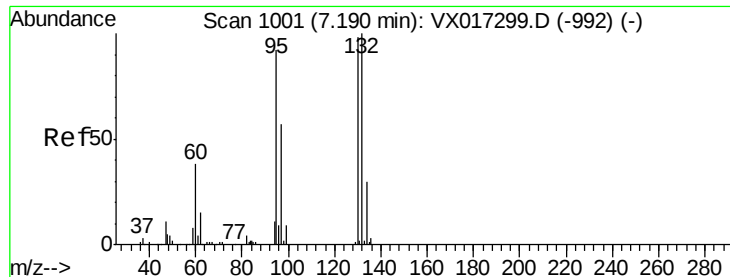
Tot Ion:	41	Resp:	12091
Ion	Ratio	Lower	Upper
41	100		
39	45.2	26.0	78.0
67	68.8	32.6	97.8
52	29.7	14.2	42.6



#36
1,2-Dichloroethane
Concen: 5.228 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion:	62	Resp:	23782
Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.8	11.8

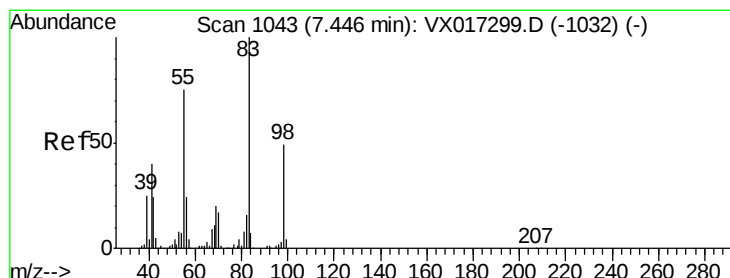
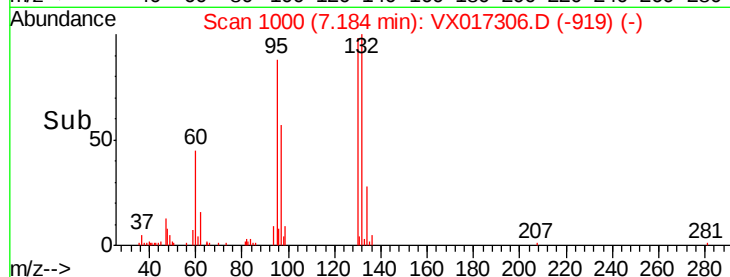
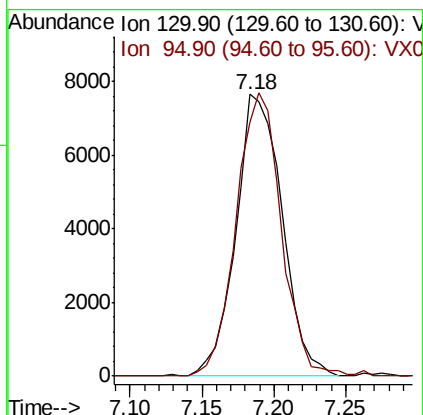
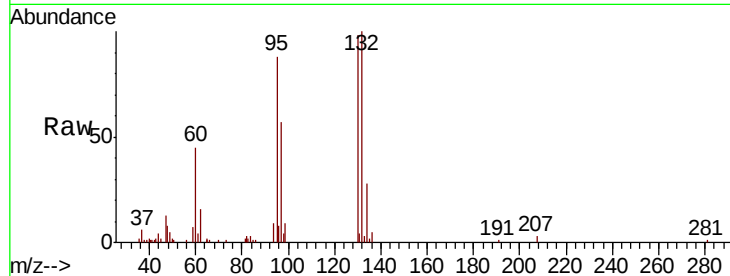




#37
 Trichloroethene
 Concen: 4.909 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

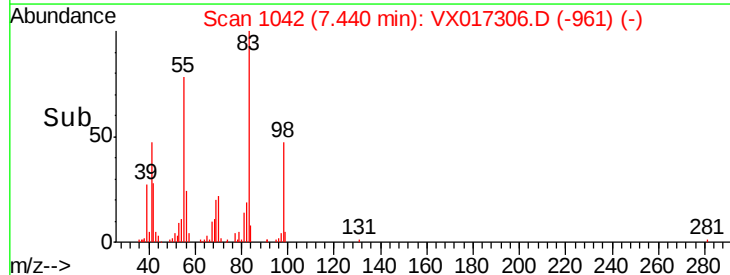
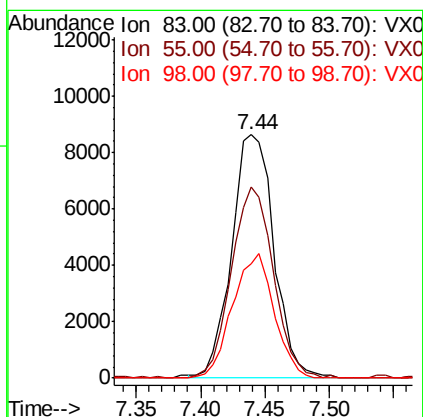
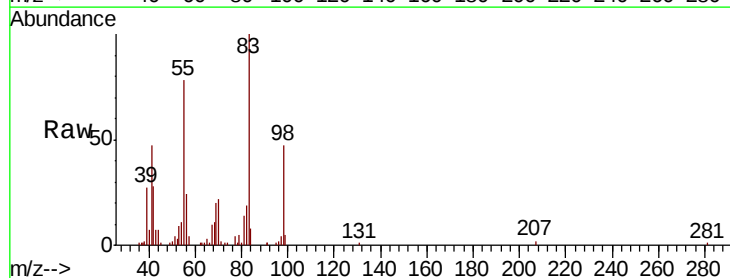
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

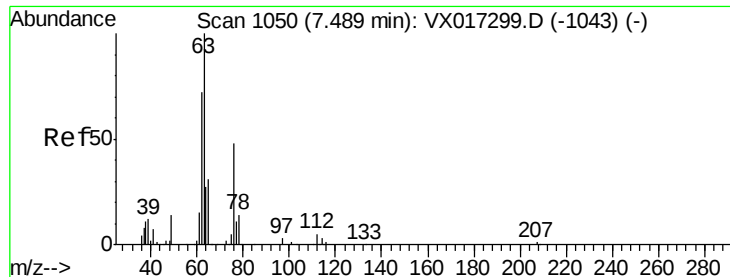
Tot Ion:130 Resp: 17056
 Ion Ratio Lower Upper
 130 100
 95 90.1 74.4 111.6



#38
 Methylcyclohexane
 Concen: 4.813 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

Tgt Ion: 83 Resp: 19688
 Ion Ratio Lower Upper
 83 100
 55 78.0 39.0 117.0
 98 50.3 25.3 75.9





#39

1,2-Dichloropropane

Concen: 5.041 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

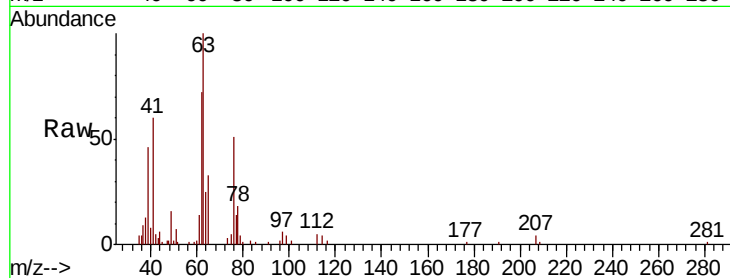
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 63 Resp: 15214

Ion Ratio Lower Upper

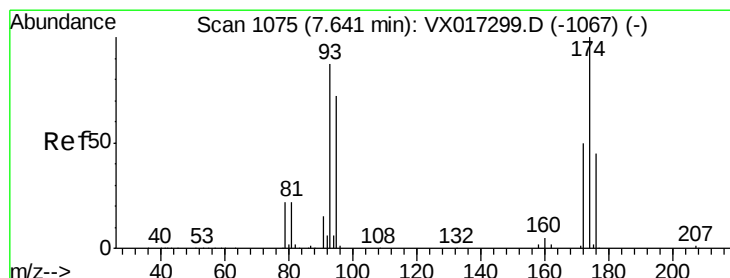
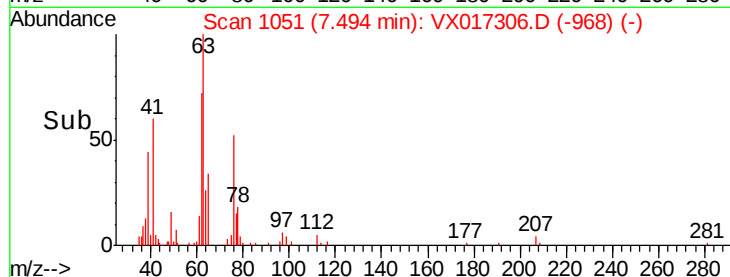
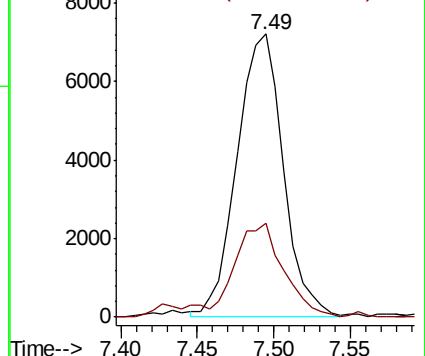
63 100

65 33.3 27.4 41.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 5.117 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

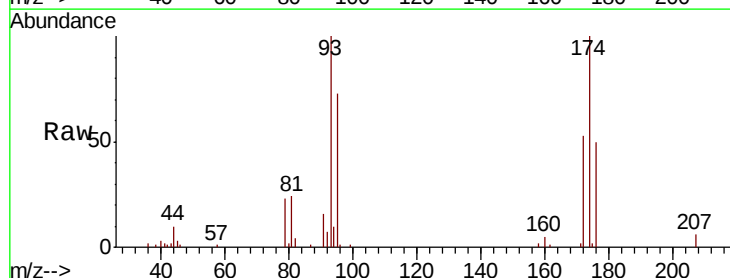
Tgt Ion: 93 Resp: 11127

Ion Ratio Lower Upper

93 100

95 85.1 0.0 164.4

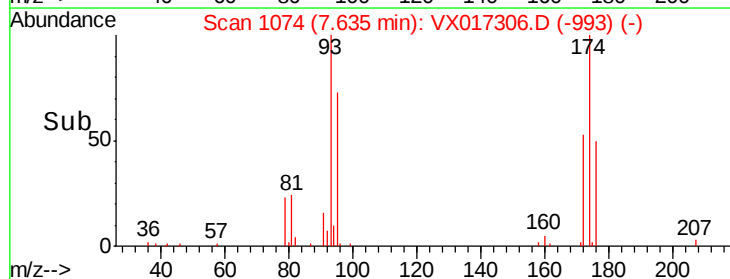
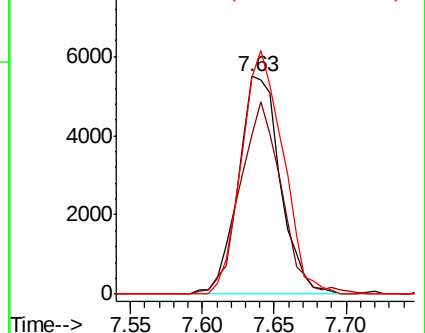
174 110.6 0.0 224.8

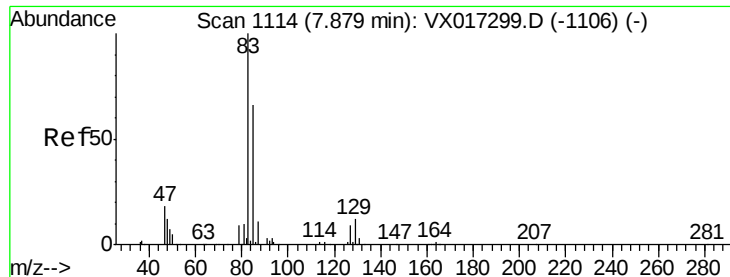


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 5.250 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

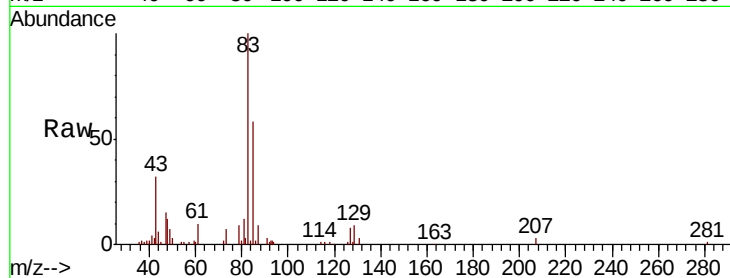
Tot Ion: 83 Resp: 23824

Ion Ratio Lower Upper

83 100

85 58.4 53.1 79.7

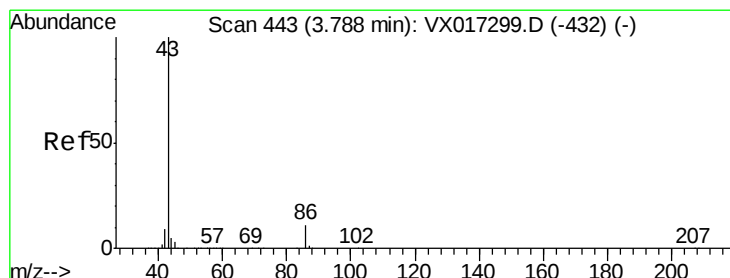
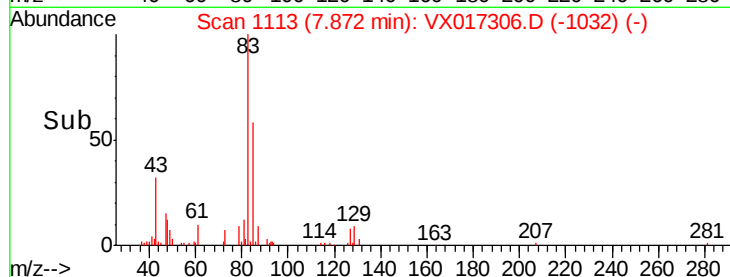
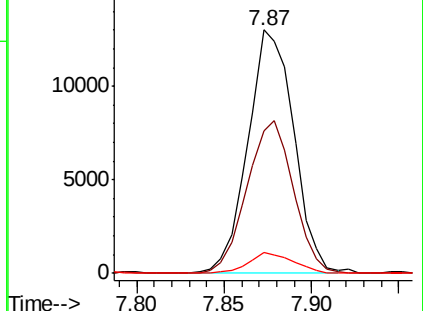
127 8.4 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 24.037 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017306.D

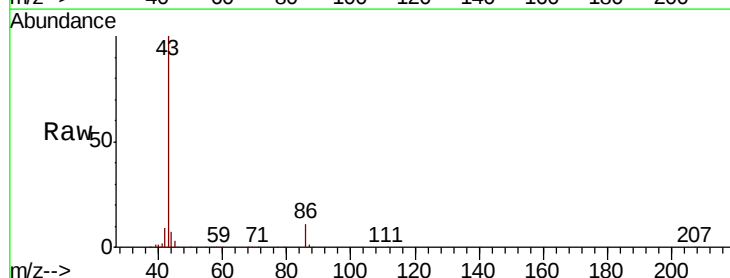
Acq: 09 Jul 2020 14:40

Tgt Ion: 43 Resp: 195054

Ion Ratio Lower Upper

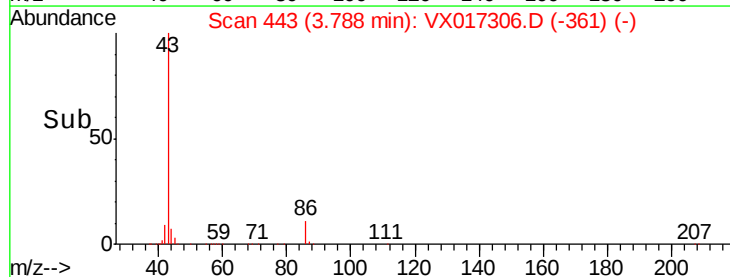
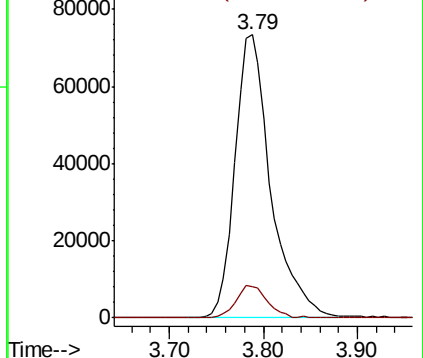
43 100

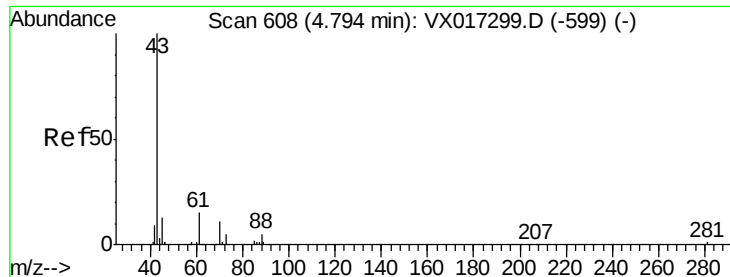
86 9.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

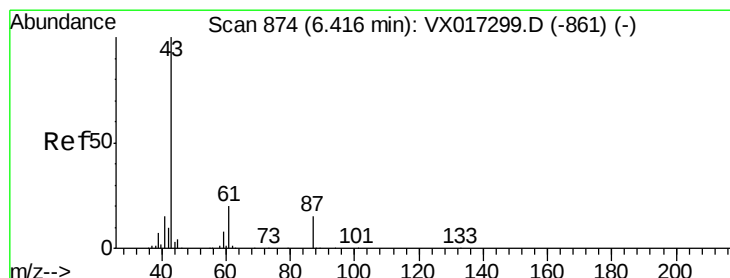
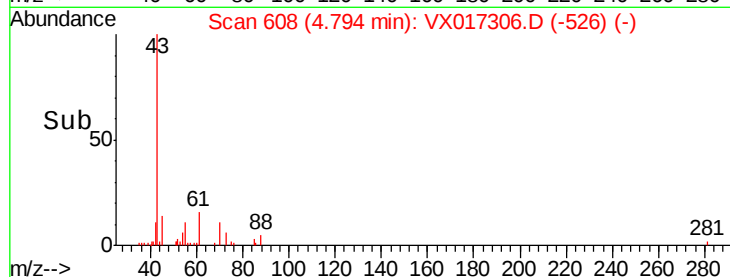
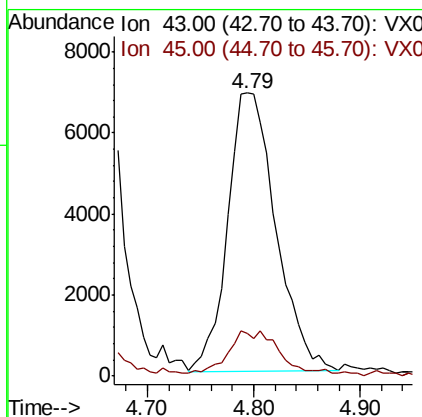
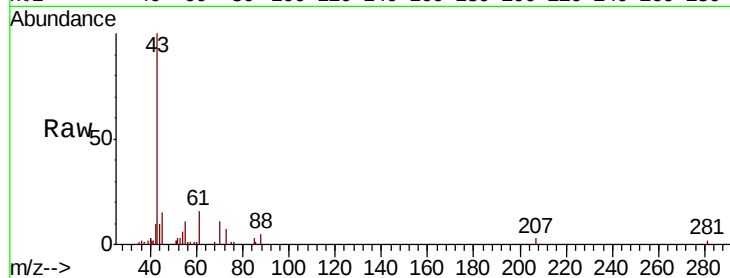




#43
Ethyl Acetate
Concen: 5.200 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

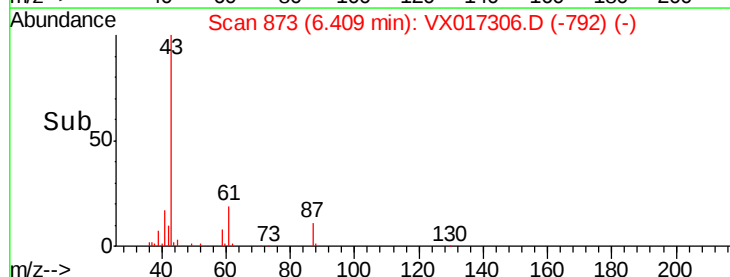
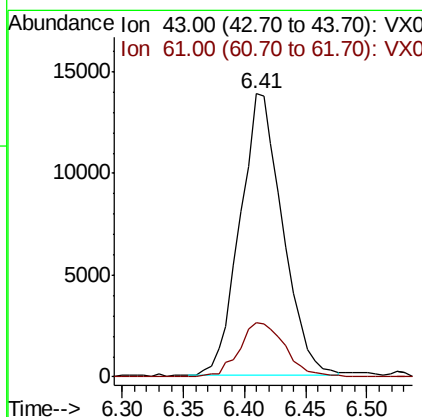
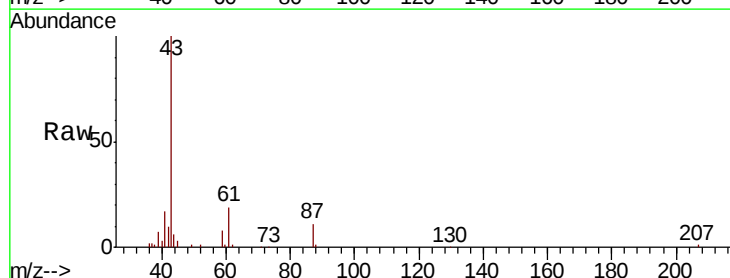
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

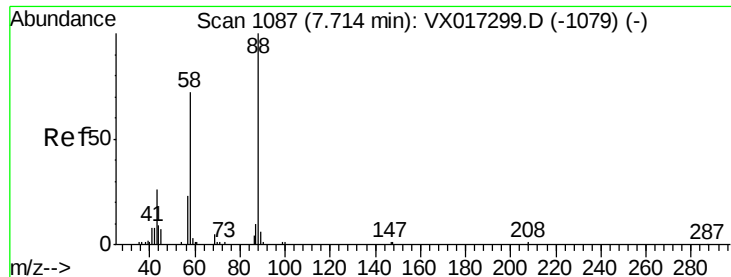
Tot Ion: 43 Resp: 21717
Ion Ratio Lower Upper
43 100
45 8.3 12.1 18.1#



#44
Isopropyl Acetate
Concen: 4.834 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion: 43 Resp: 33594
Ion Ratio Lower Upper
43 100
61 20.6 15.7 23.5



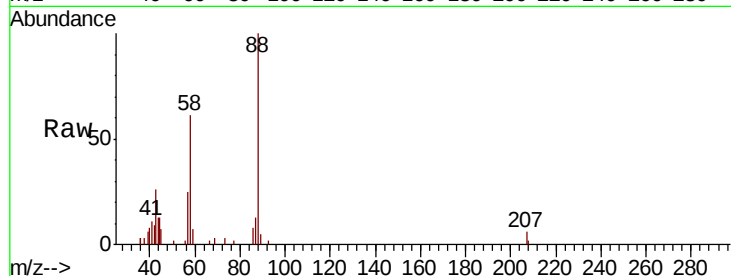


#45
 1,4-Dioxane
 Concen: 96.377 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

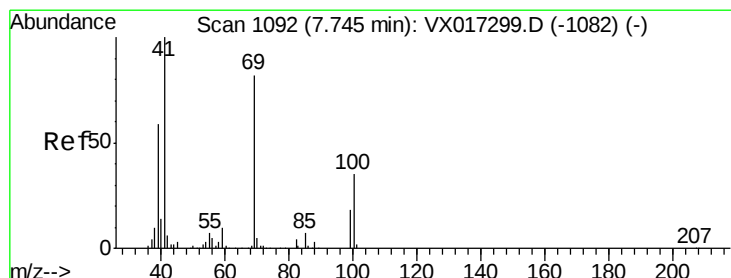
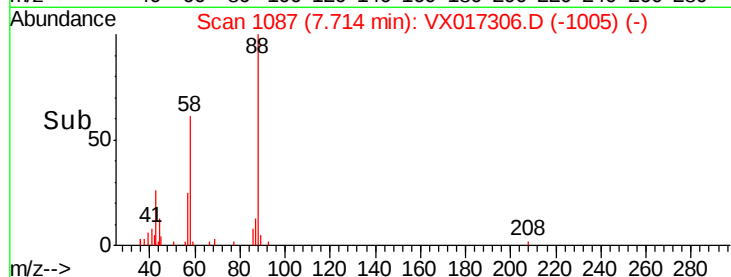
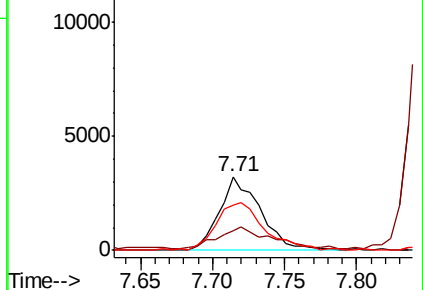
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion: 88 Resp: 6384

Ion	Ratio	Lower	Upper
88	100		
43	38.2	29.0	43.4
58	75.0	58.3	87.5



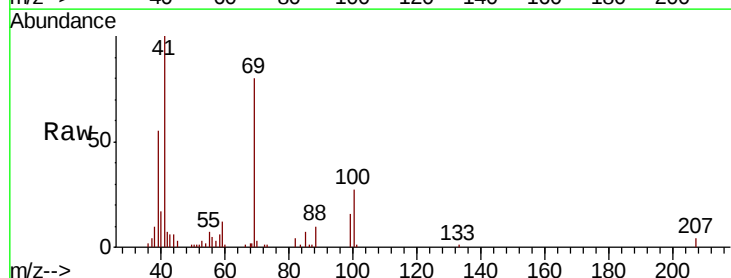
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



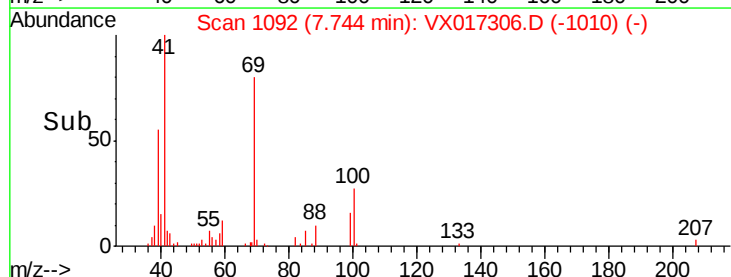
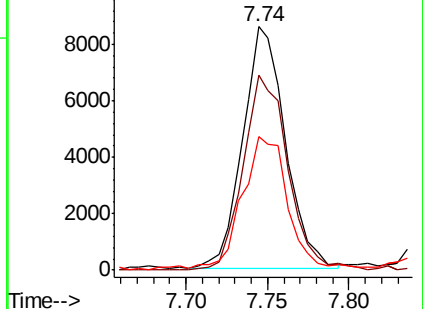
#46
 Methyl methacrylate
 Concen: 4.618 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

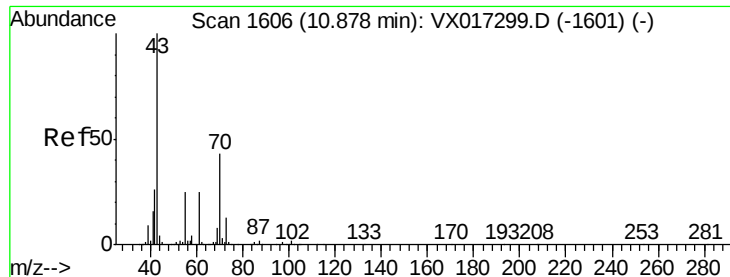
Tgt Ion: 41 Resp: 15633

Ion	Ratio	Lower	Upper
41	100		
69	80.8	41.1	123.3
39	54.7	29.2	87.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 69.00 (68.70 to 69.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

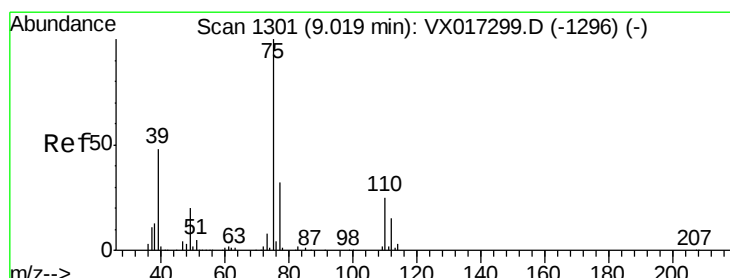
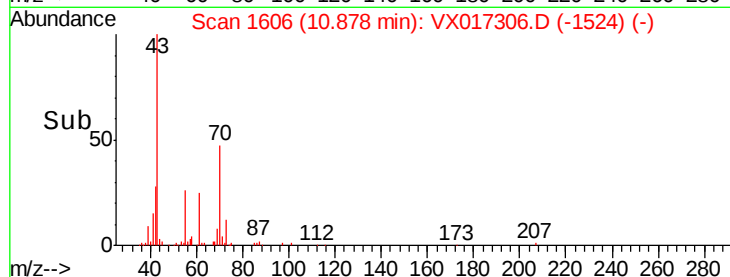
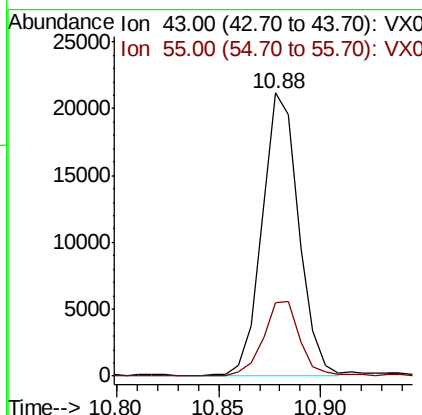
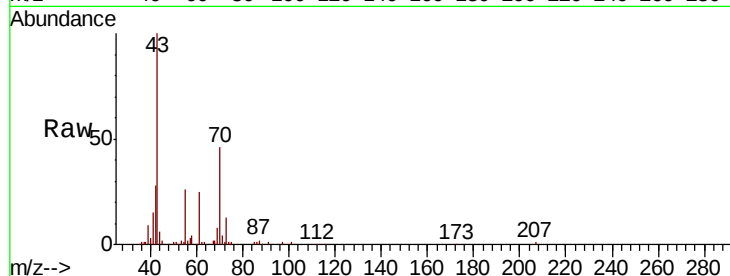




#47
n-amvl Acetate
Concen: 4.308 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

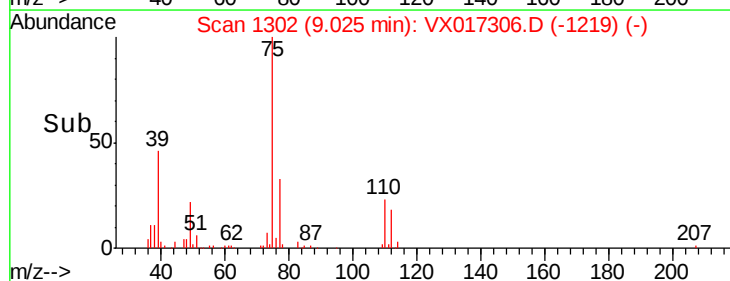
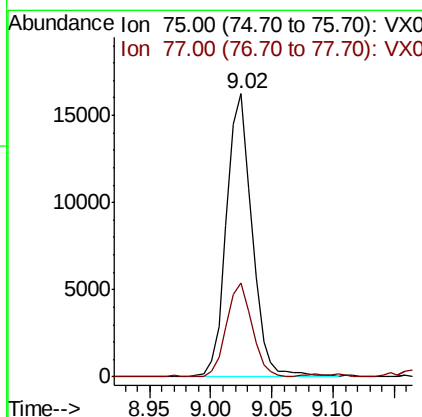
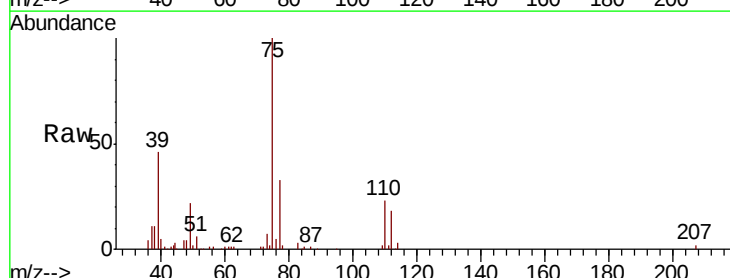
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

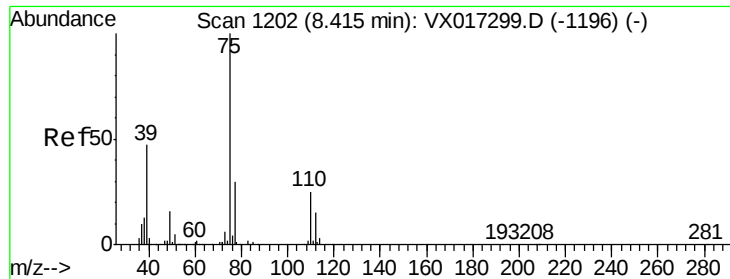
Tot Ion: 43 Resp: 26507
Ion Ratio Lower Upper
43 100
55 26.7 20.4 30.6



#48
t-1,3-Dichloropropene
Concen: 4.707 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion: 75 Resp: 23579
Ion Ratio Lower Upper
75 100
77 33.2 25.6 38.4



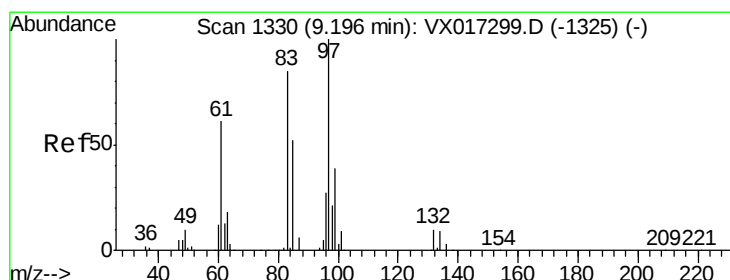
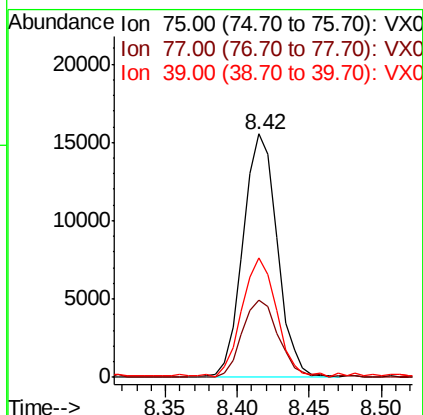
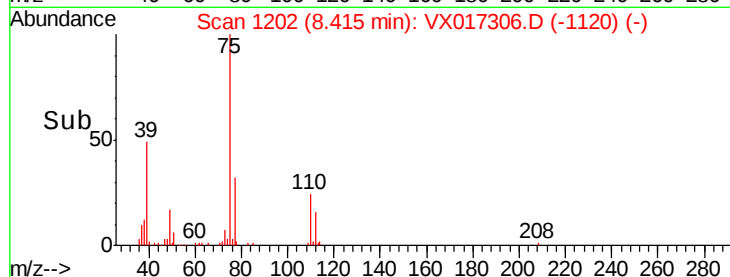
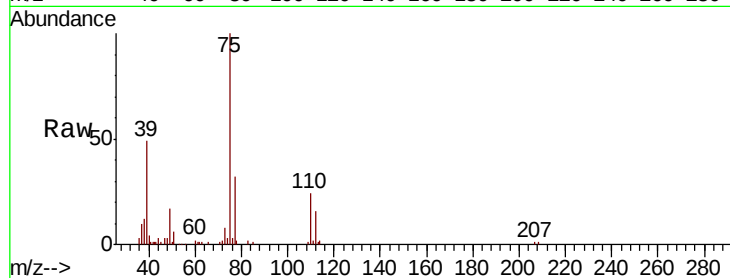


#49

cis-1,3-Dichloropropene
Concen: 4.891 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

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

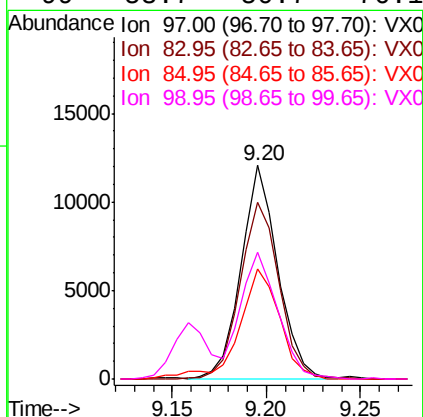
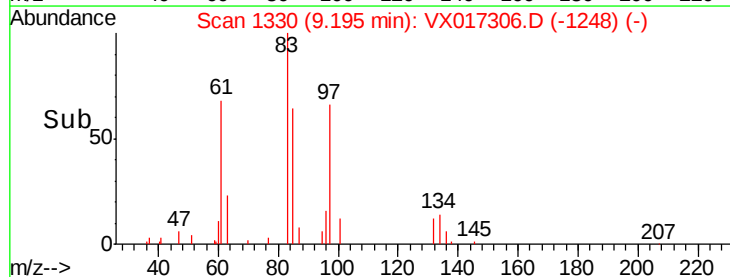
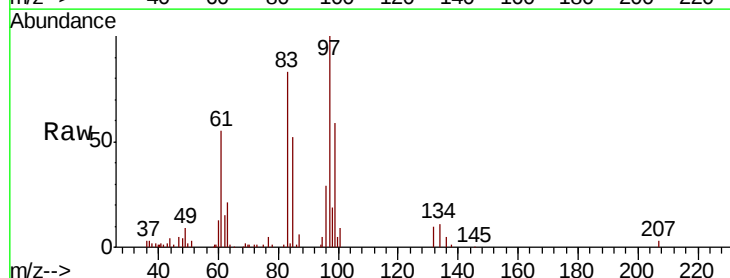
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	23.6	35.4
39	48.8	37.5	56.3

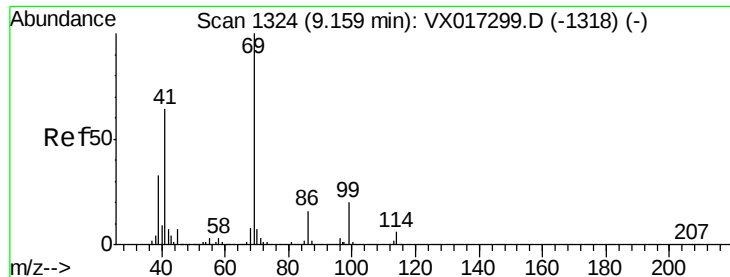


#50

1,1,2-Trichloroethane
Concen: 5.087 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.9	101.9
85	51.6	42.6	64.0
99	58.7	50.7	76.1





#51

Ethyl methacrylate

Concen: 4.391 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

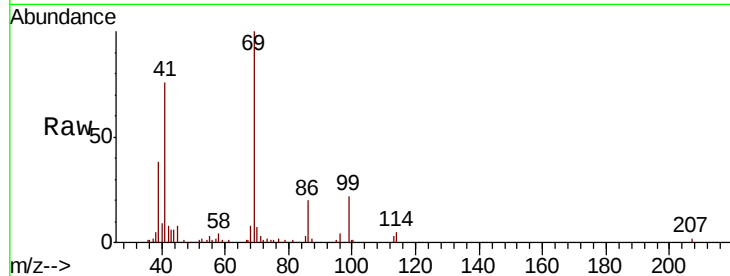
Tot Ion: 69 Resp: 20609

Ion Ratio Lower Upper

69 100

41 75.3 32.1 96.5

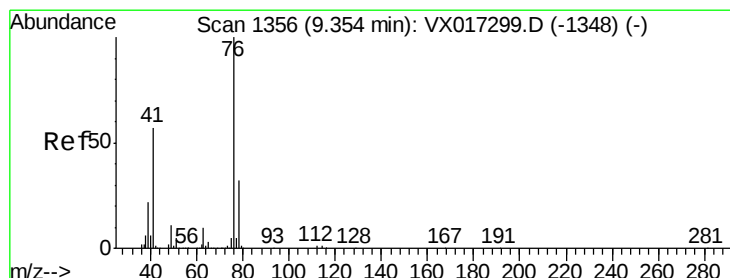
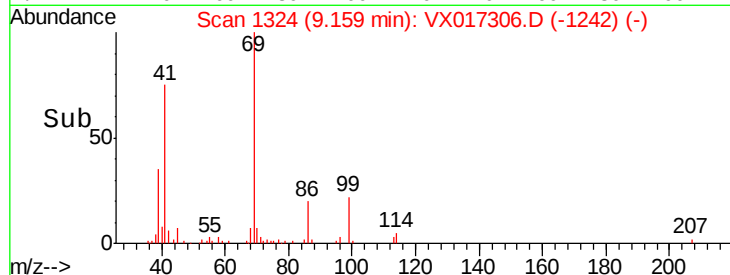
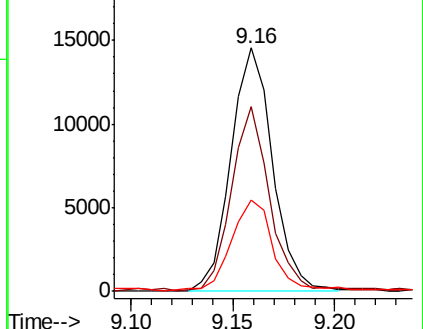
39 36.6 16.3 48.9



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



#52

1,3-Dichloropropane

Concen: 5.082 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017306.D

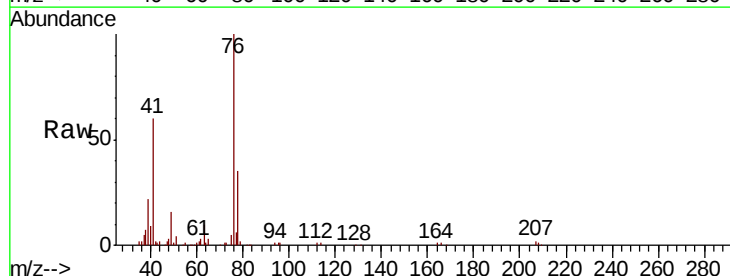
Acq: 09 Jul 2020 14:40

Tgt Ion: 76 Resp: 26666

Ion Ratio Lower Upper

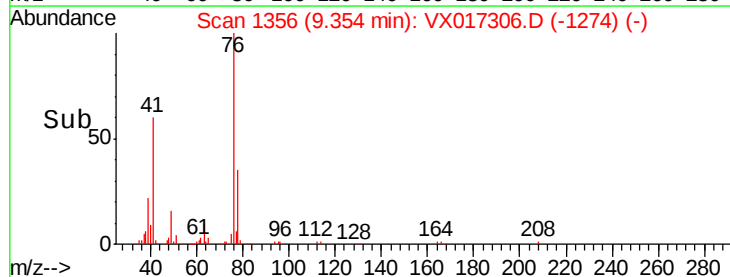
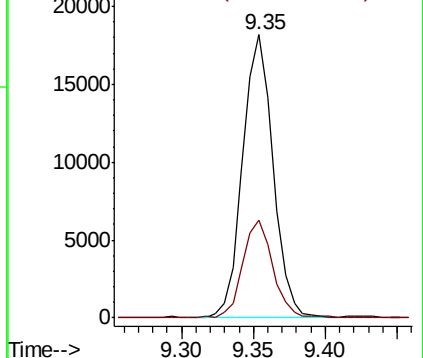
76 100

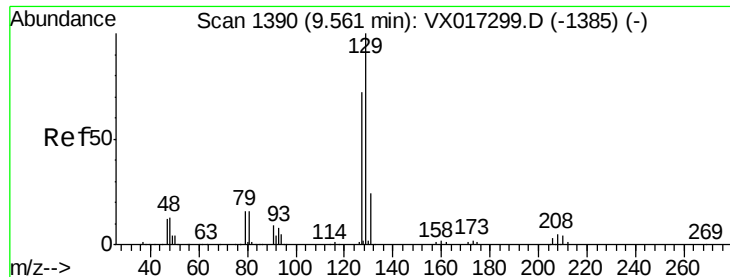
78 33.8 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 4.993 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

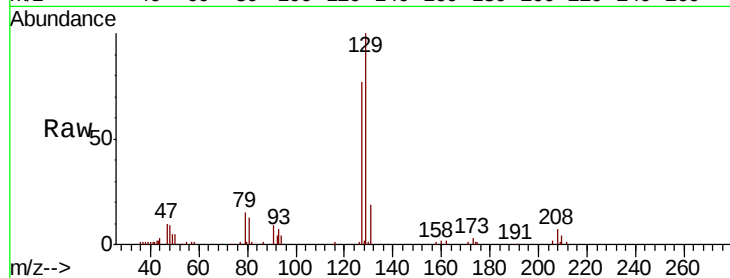
LOD-MDL-WATER-01-QT3-2020

Tot Ion:129 Resp: 19633

Ion Ratio Lower Upper

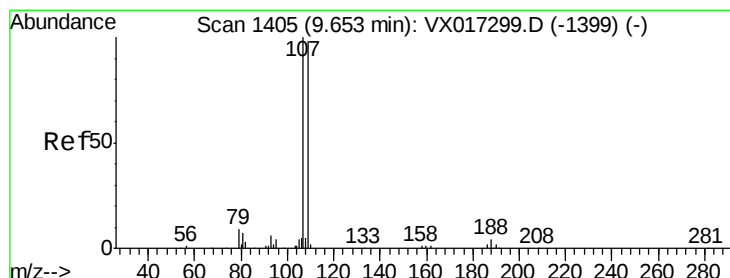
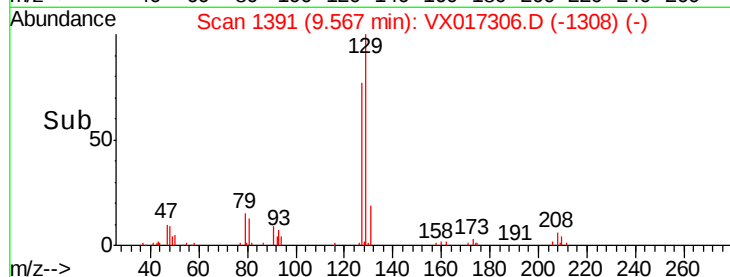
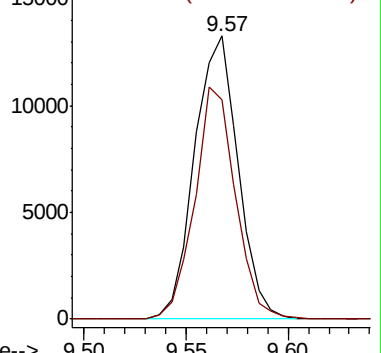
129 100

127 76.6 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.988 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017306.D

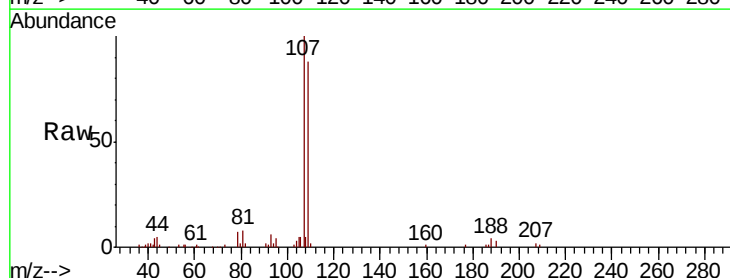
Acq: 09 Jul 2020 14:40

Tgt Ion:107 Resp: 17181

Ion Ratio Lower Upper

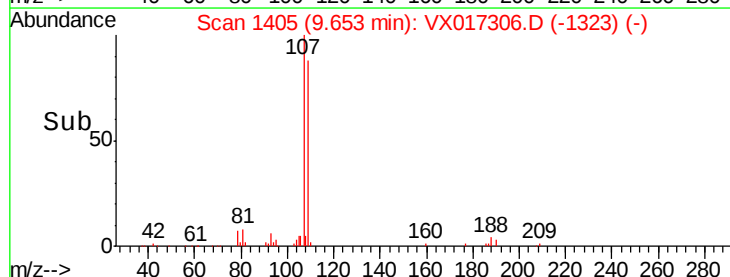
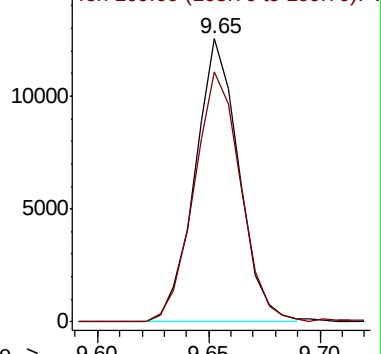
107 100

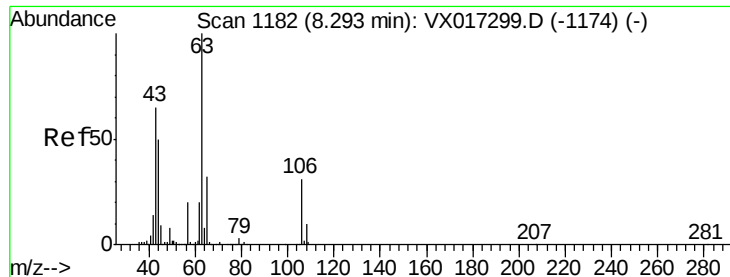
109 93.8 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

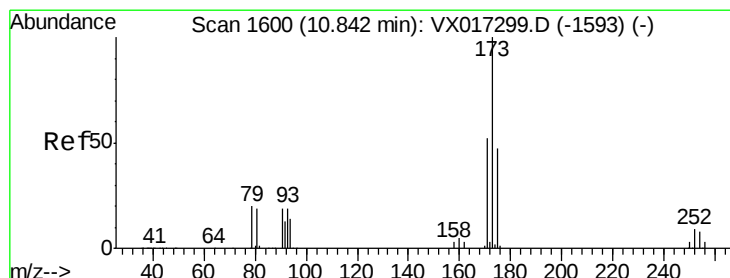
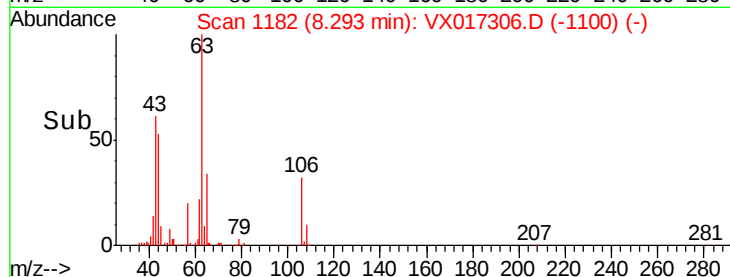
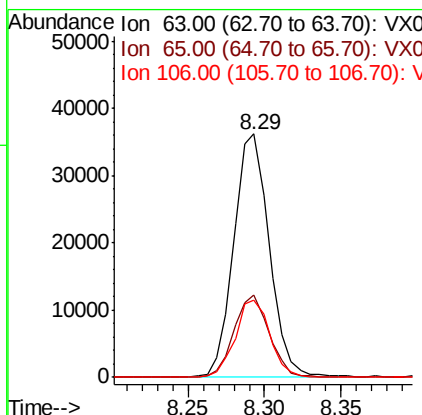
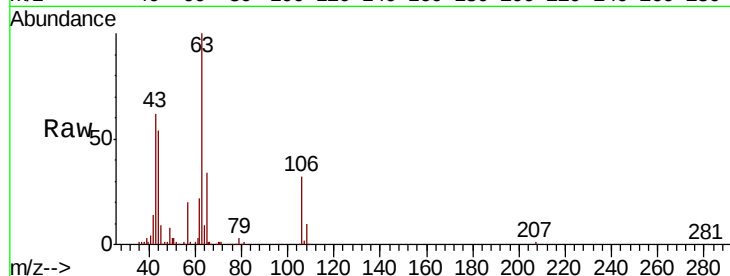




#55
 2-Chloroethyl vinyl ether
 Concen: 26.748 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

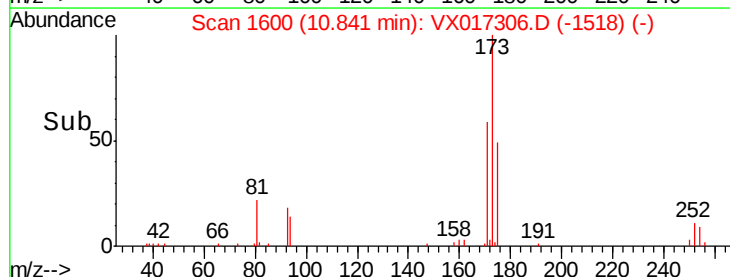
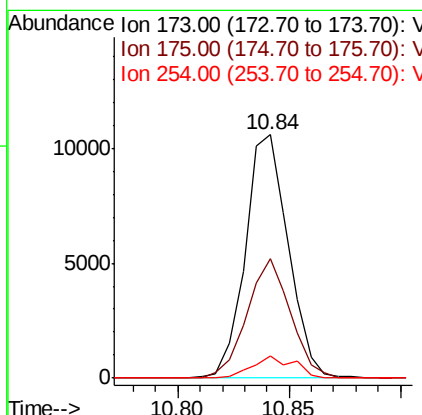
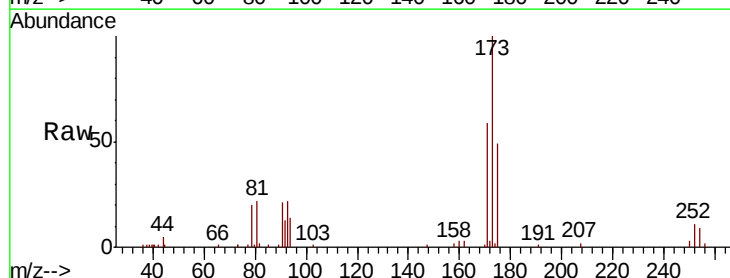
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

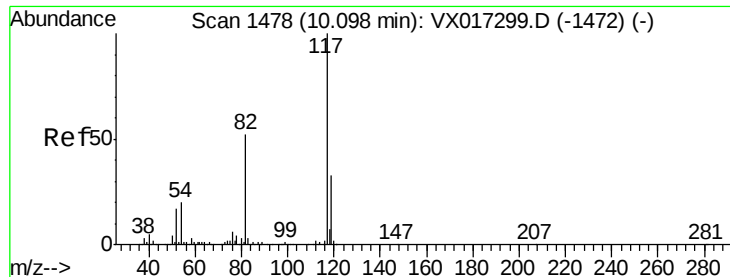
Tot Ion: 63 Resp: 58405
 Ion Ratio Lower Upper
 63 100
 65 33.4 25.4 38.0
 106 31.2 24.5 36.7



#56
 Bromoform
 Concen: 4.641 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

Tgt Ion: 173 Resp: 14237
 Ion Ratio Lower Upper
 173 100
 175 49.3 38.4 57.6
 254 8.7 7.0 10.4

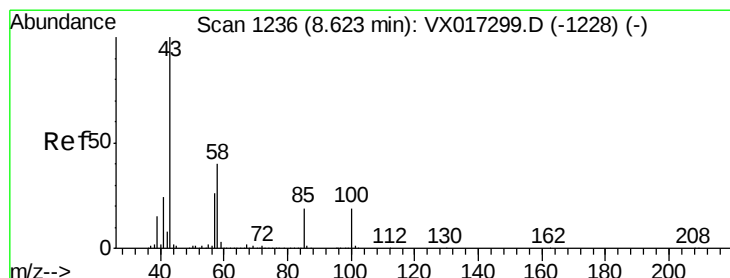
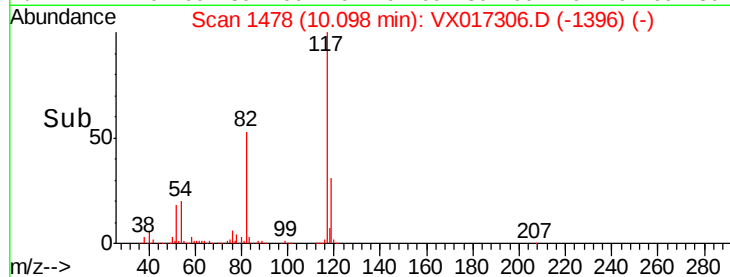
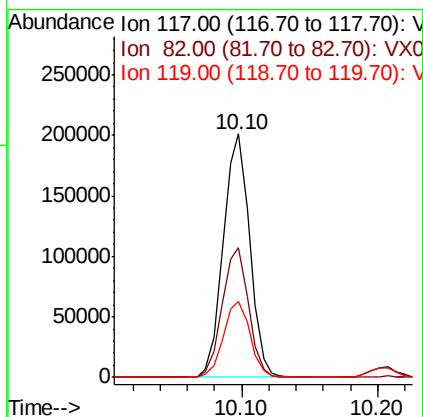
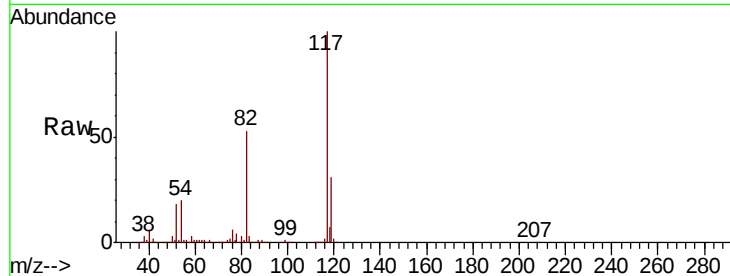




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

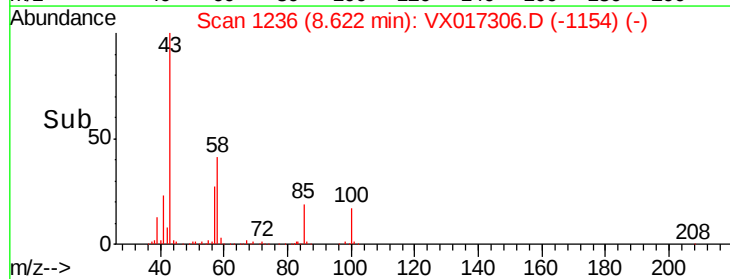
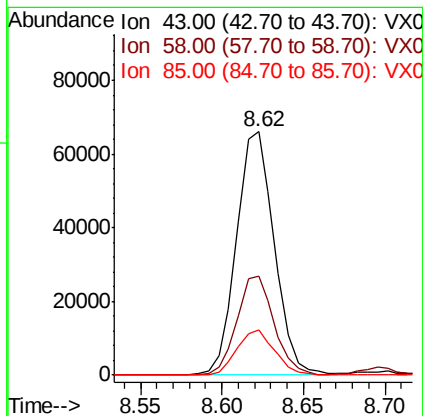
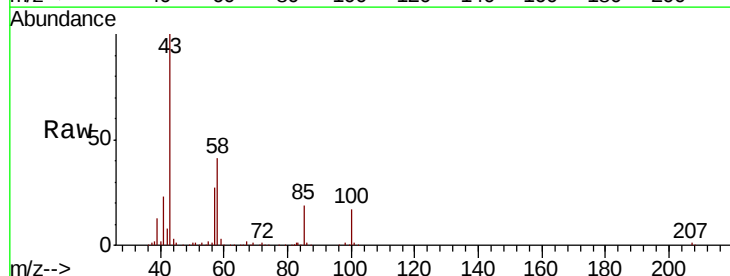
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

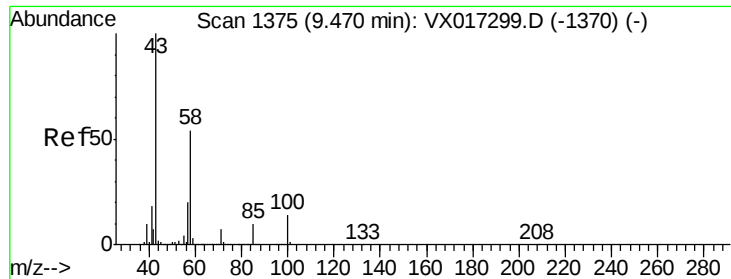
Tot Ion:117 Resp: 269406
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 31.5 26.4 39.6



#58
4-Methyl-2-Pentanone
Concen: 24.862 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion: 43 Resp: 106129
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2
85 18.7 14.8 22.2

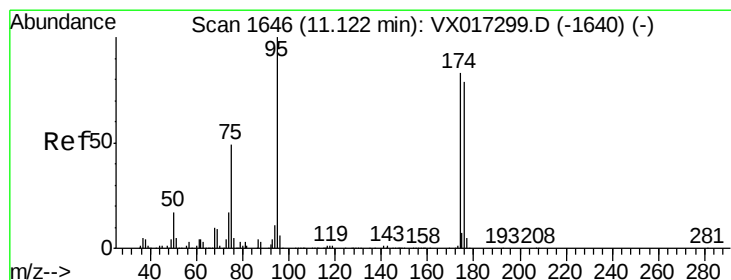
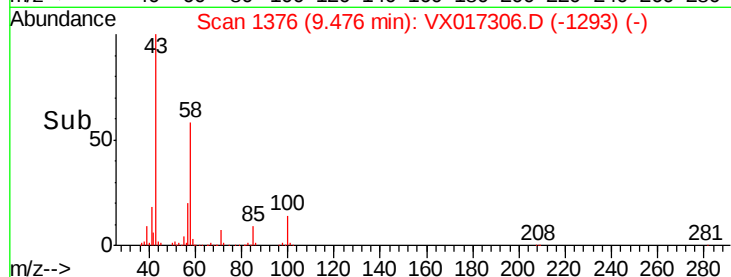
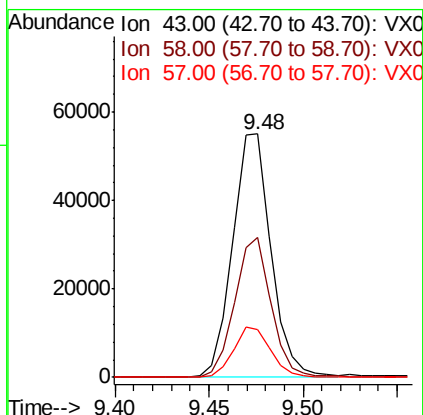
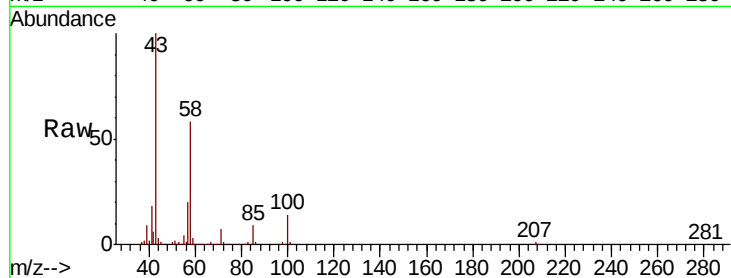




#59
2-Hexanone
Concen: 23.963 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

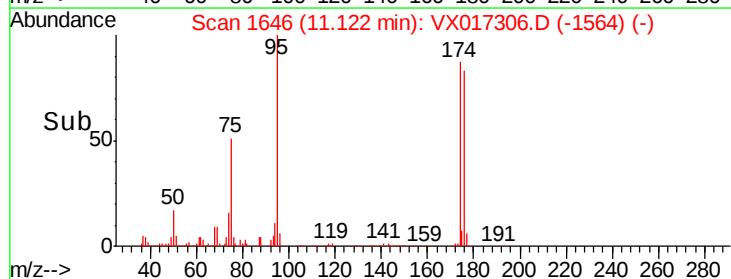
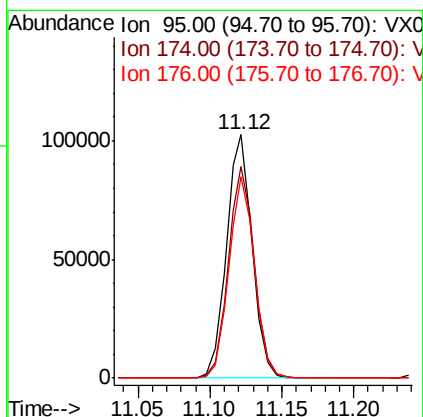
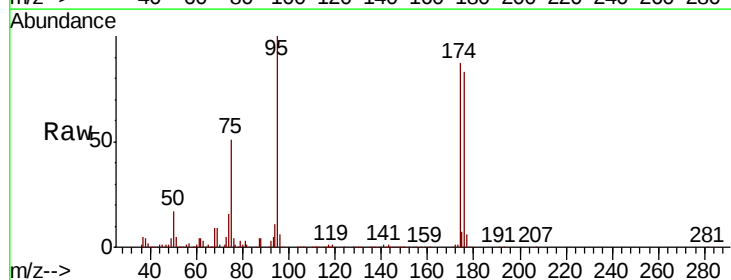
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

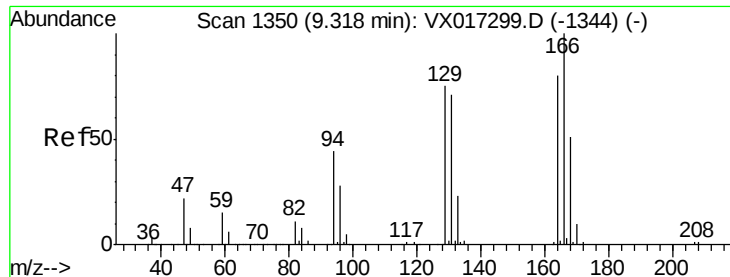
Tot Ion: 43 Resp: 77978
Ion Ratio Lower Upper
43 100
58 54.7 43.4 65.0
57 20.0 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 27.945 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion: 95 Resp: 128438
Ion Ratio Lower Upper
95 100
174 87.5 66.9 100.3
176 82.6 65.5 98.3





#61

Tetrachloroethene

Concen: 5.340 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:164 Resp: 18327

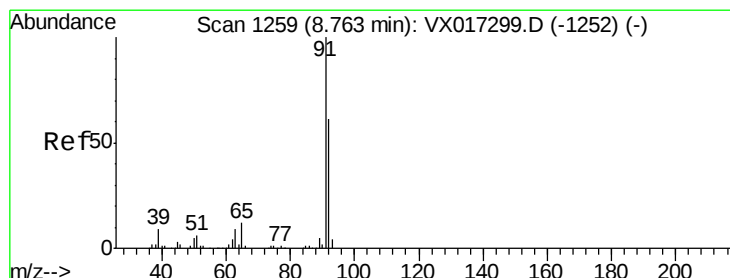
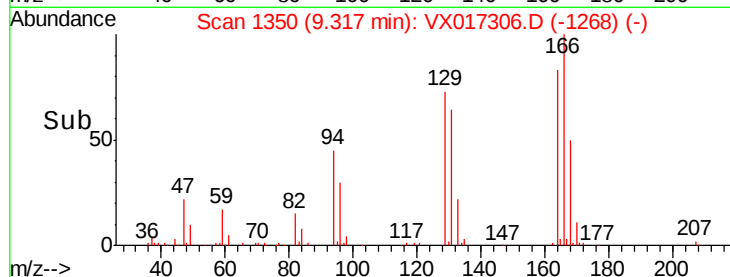
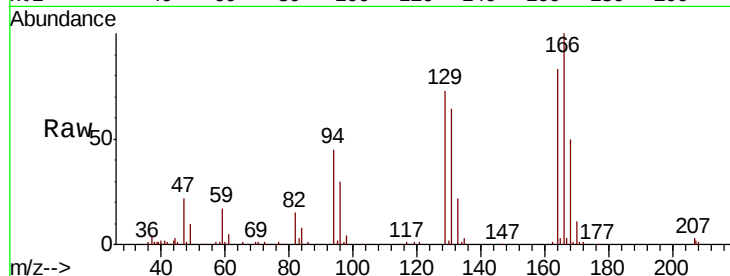
Ion Ratio Lower Upper

164 100

166 121.2 99.8 149.6

129 88.2 74.4 111.6

131 77.8 70.6 105.8



#62

Toluene

Concen: 5.111 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017306.D

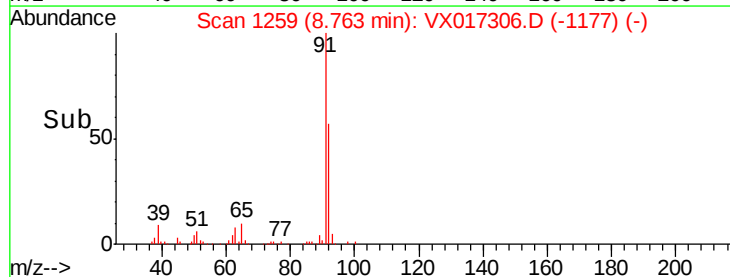
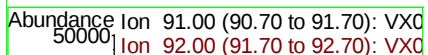
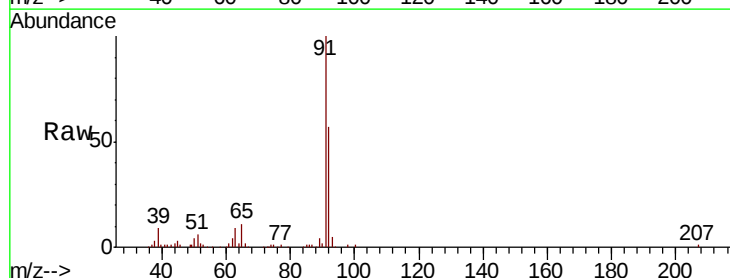
Acq: 09 Jul 2020 14:40

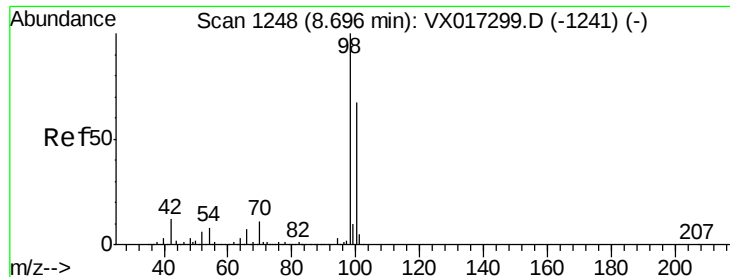
Tgt Ion: 91 Resp: 65191

Ion Ratio Lower Upper

91 100

92 58.5 47.2 70.8





#63

Toluene-d8

Concen: 29.935 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

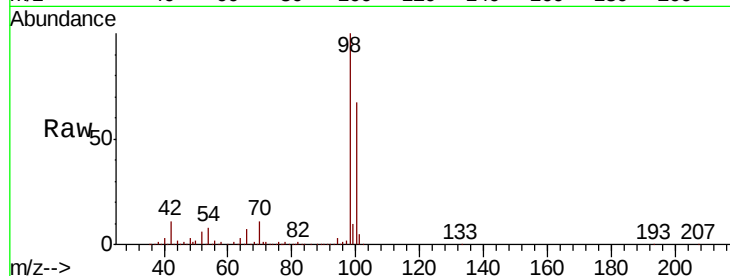
LOD-MDL-WATER-01-QT3-2020

Tot Ion: 98 Resp: 341136

Ion Ratio Lower Upper

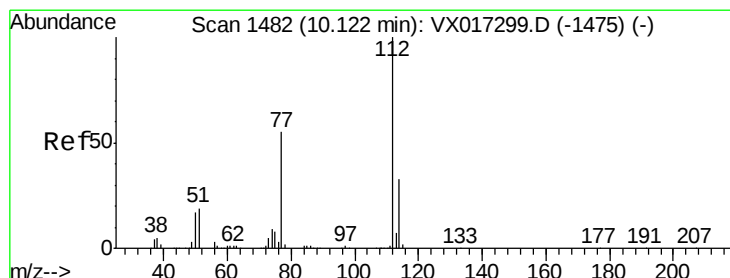
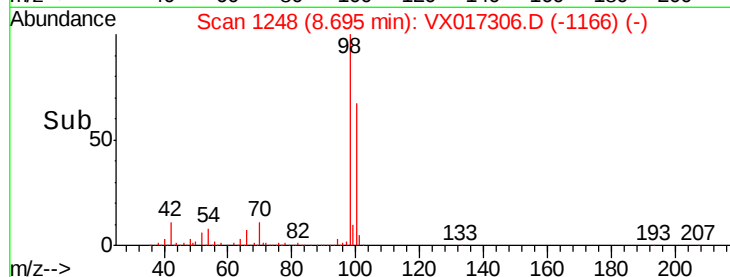
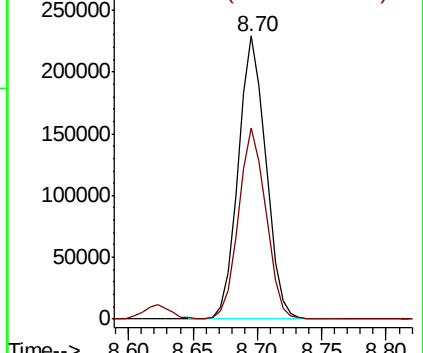
98 100

100 67.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#64

Chlorobenzene

Concen: 5.022 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017306.D

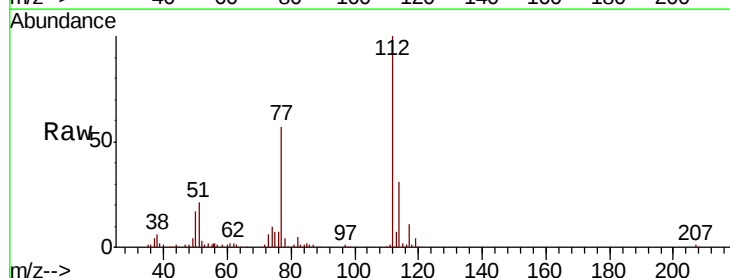
Acq: 09 Jul 2020 14:40

Tgt Ion: 112 Resp: 42734

Ion Ratio Lower Upper

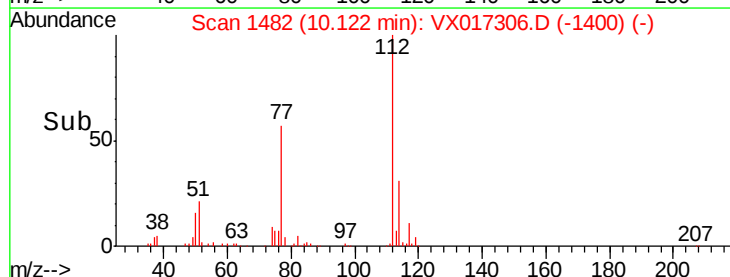
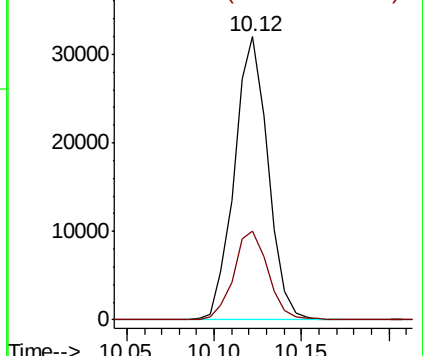
112 100

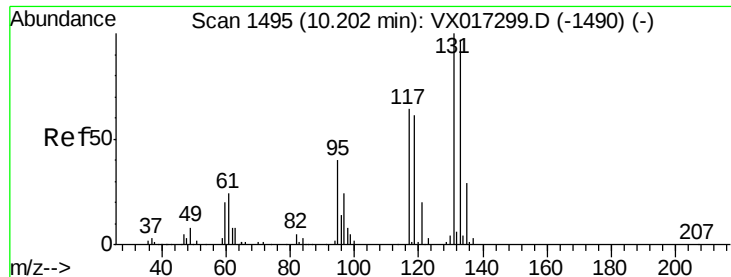
114 31.2 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 5.025 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

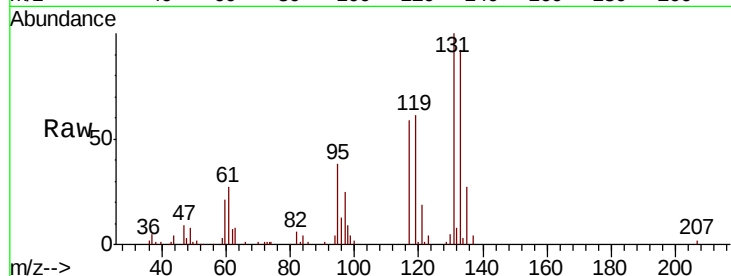
Tot Ion:131 Resp: 17470

Ion Ratio Lower Upper

131 100

133 100.5 0.0 196.8

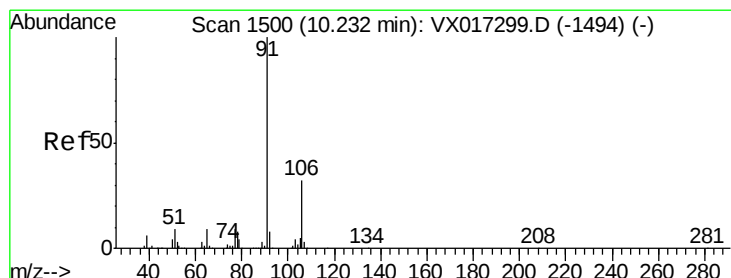
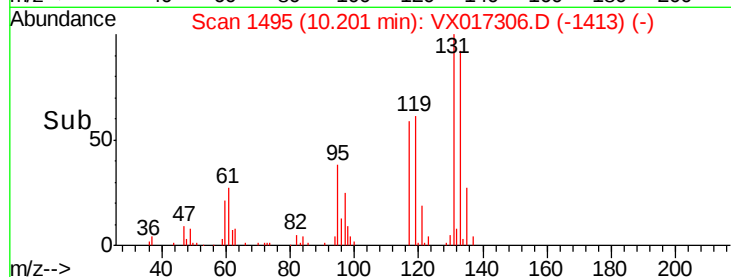
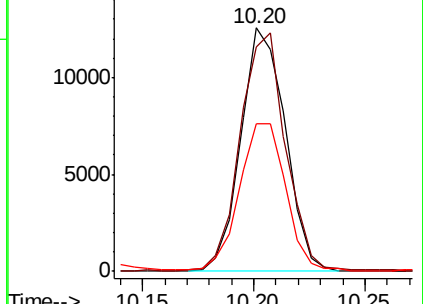
119 64.1 0.0 126.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 4.763 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017306.D

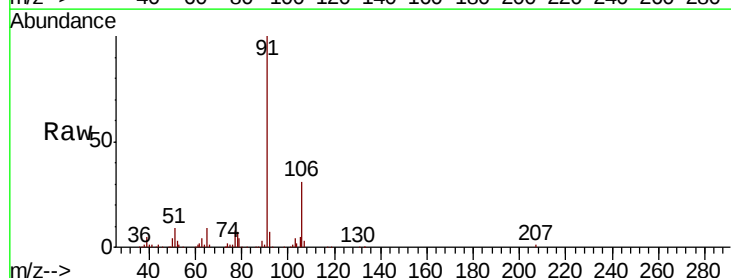
Acq: 09 Jul 2020 14:40

Tgt Ion: 91 Resp: 68367

Ion Ratio Lower Upper

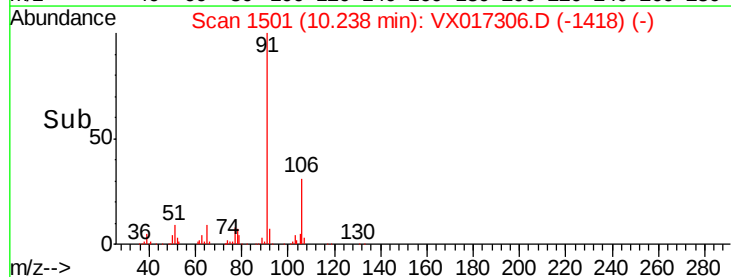
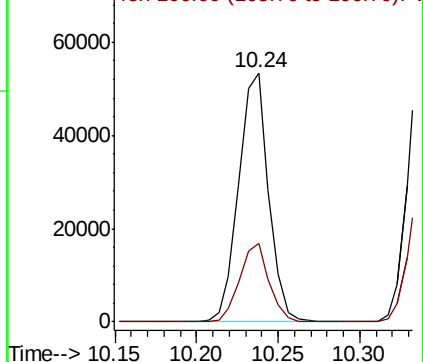
91 100

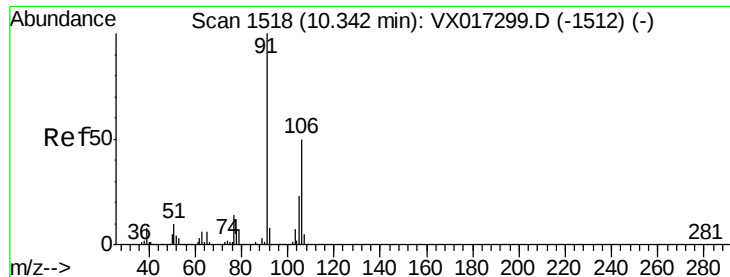
106 31.3 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 9.577 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

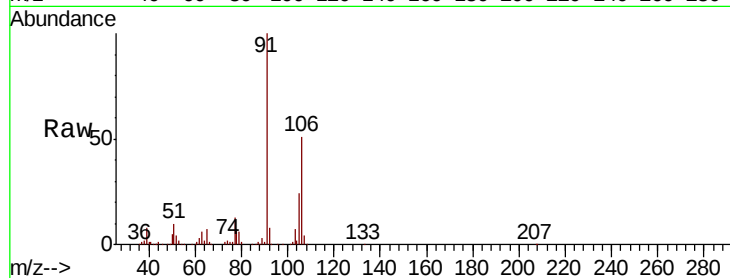
LOD-MDL-WATER-01-QT3-2020

Tot Ion:106 Resp: 53099

Ion Ratio Lower Upper

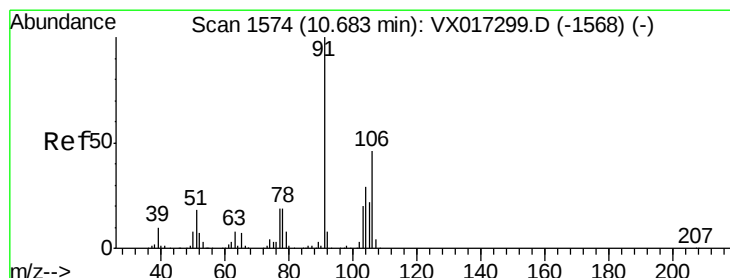
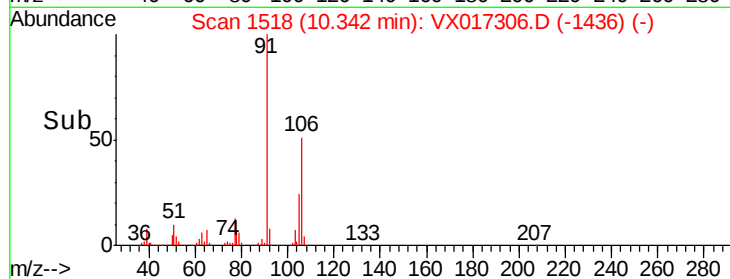
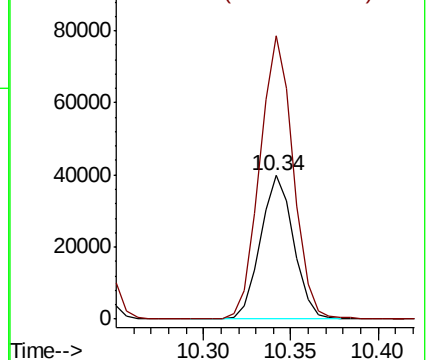
106 100

91 198.3 159.7 239.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 4.841 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017306.D

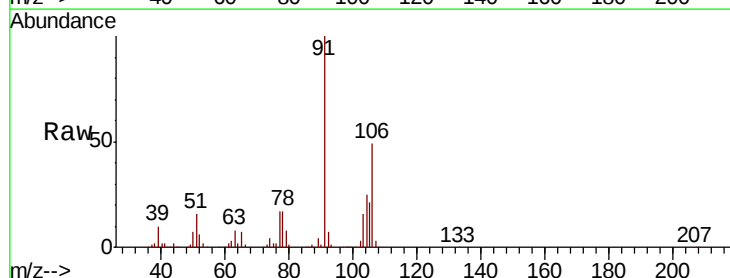
Acq: 09 Jul 2020 14:40

Tgt Ion:106 Resp: 25507

Ion Ratio Lower Upper

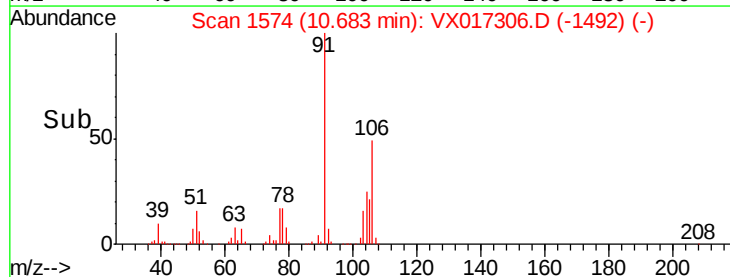
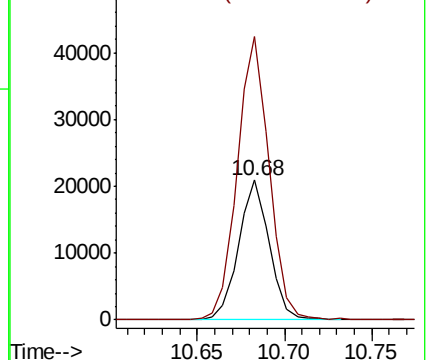
106 100

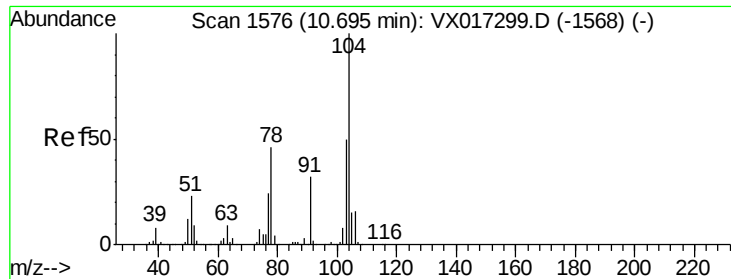
91 209.2 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

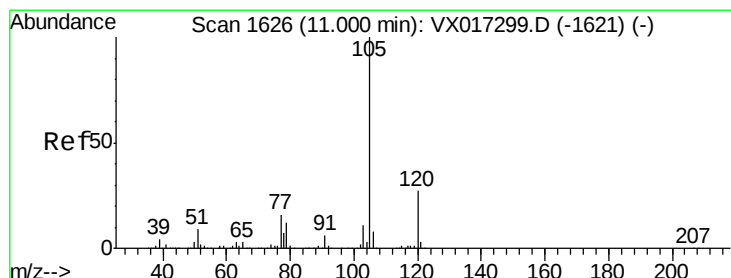
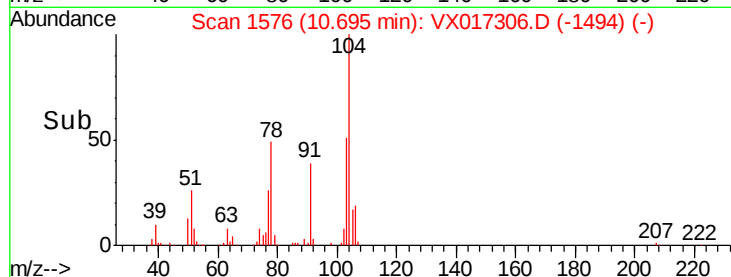
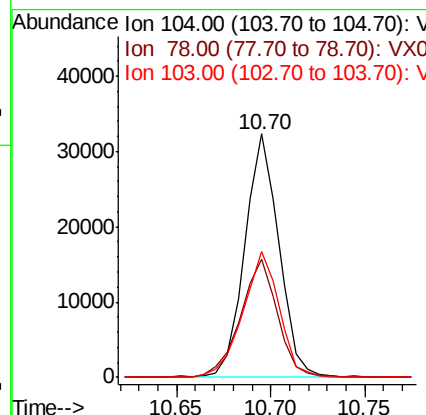
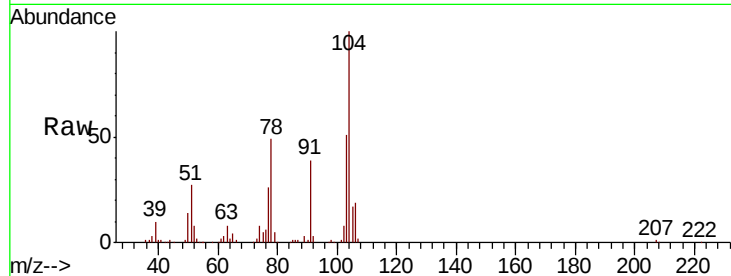




#69
Stvrene
Concen: 4.343 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

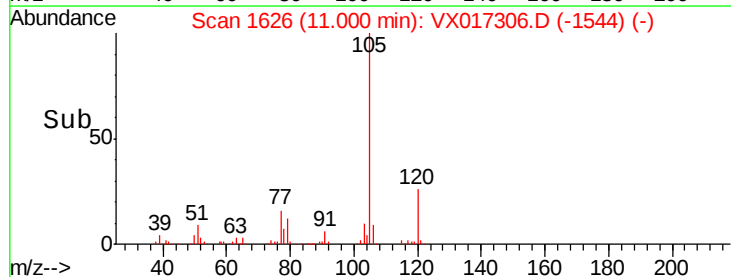
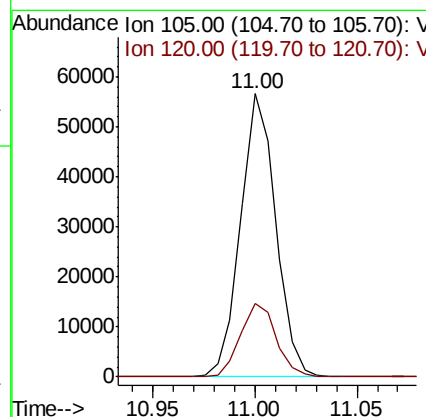
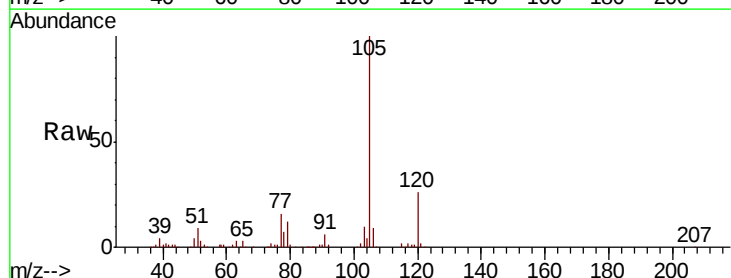
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

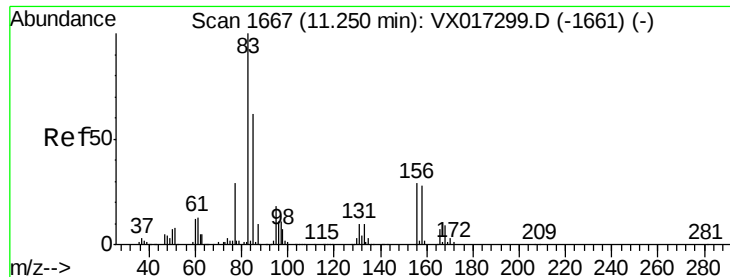
Tot Ion:104 Resp: 40581
Ion Ratio Lower Upper
104 100
78 53.1 40.8 61.2
103 55.4 44.3 66.5



#70
Isopropylbenzene
Concen: 4.685 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion:105 Resp: 67719
Ion Ratio Lower Upper
105 100
120 26.4 19.3 35.8





#71

1,1,2,2-Tetrachloroethane

Concen: 5.256 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

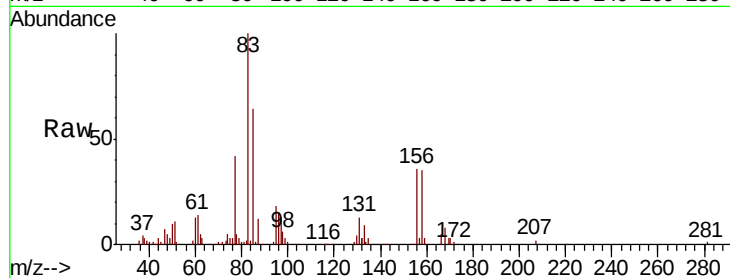
Tot Ion: 83 Resp: 23826

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.5

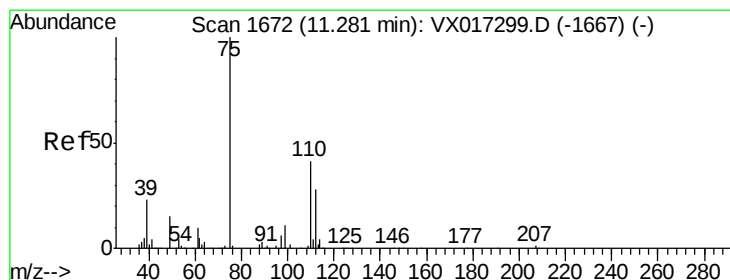
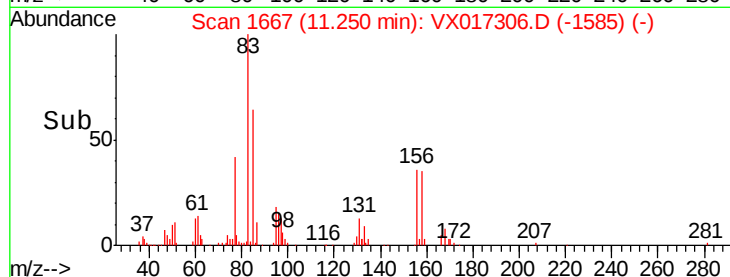
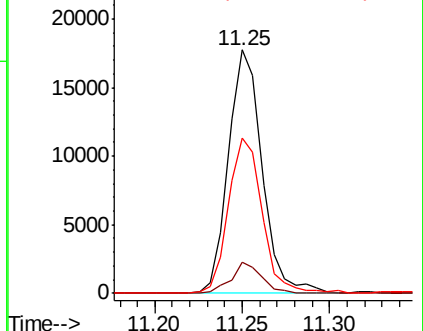
85 63.7 31.5 94.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 6.587 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017306.D

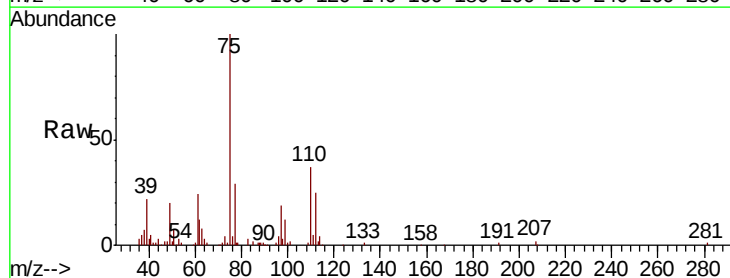
Acq: 09 Jul 2020 14:40

Tgt Ion: 75 Resp: 29331

Ion Ratio Lower Upper

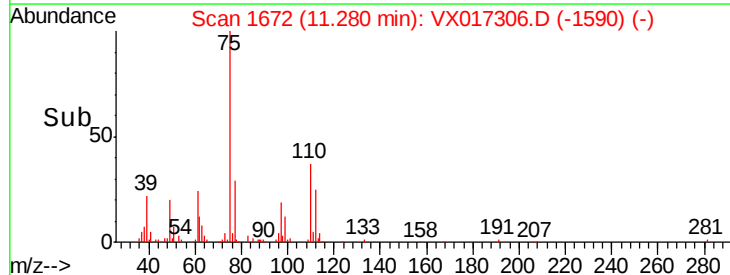
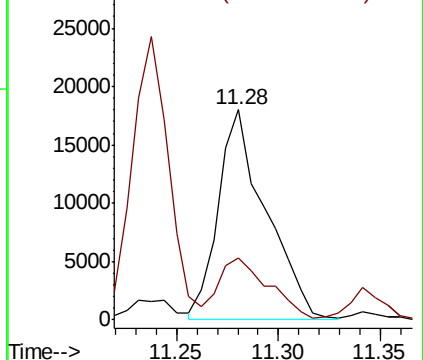
75 100

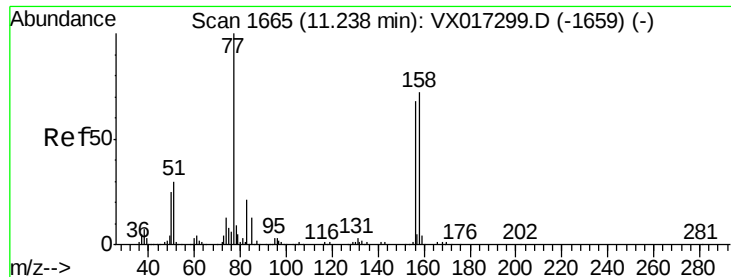
77 30.8 0.0 72.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 5.257 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

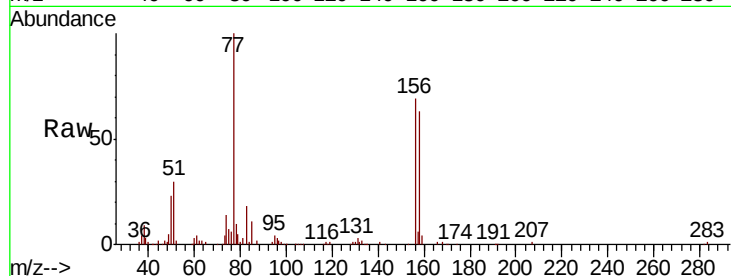
Tot Ion:156 Resp: 21349

Ion Ratio Lower Upper

156 100

77 143.1 0.0 299.2

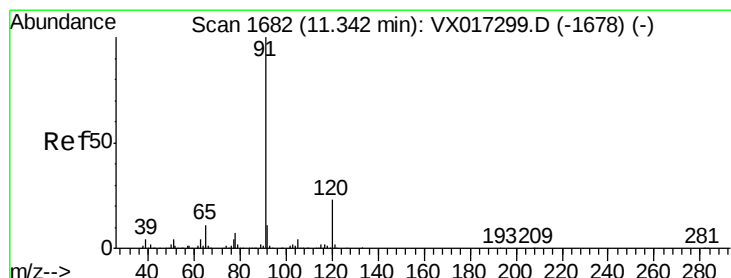
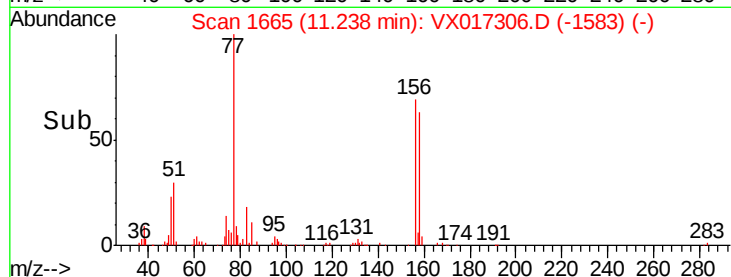
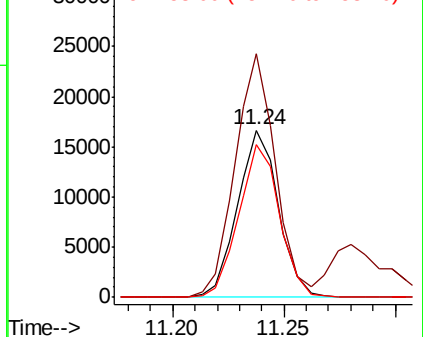
158 90.4 0.0 199.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.724 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017306.D

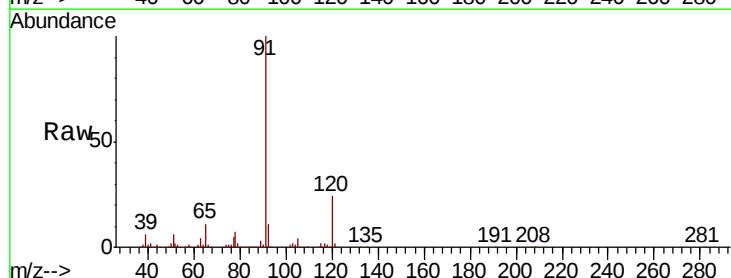
Acq: 09 Jul 2020 14:40

Tgt Ion: 91 Resp: 79098

Ion Ratio Lower Upper

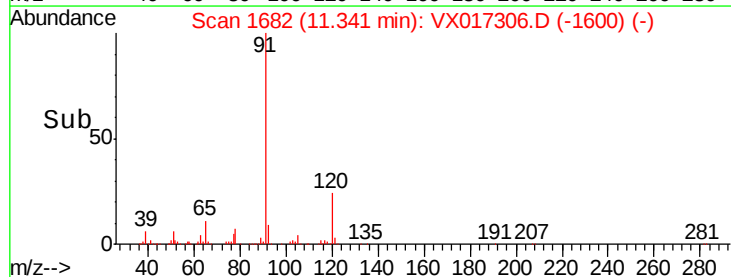
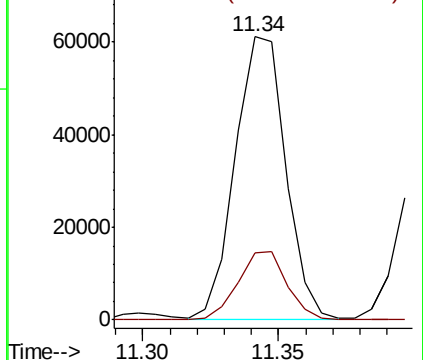
91 100

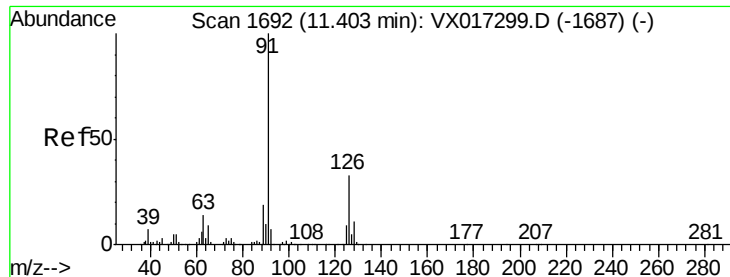
120 23.4 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

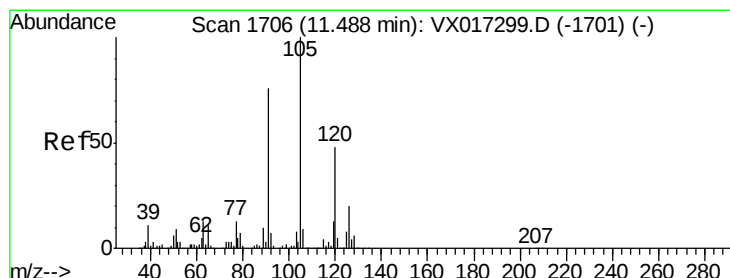
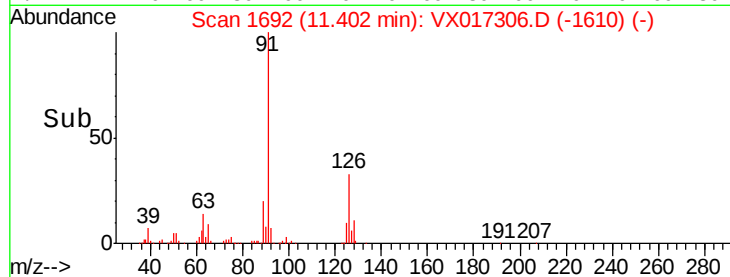
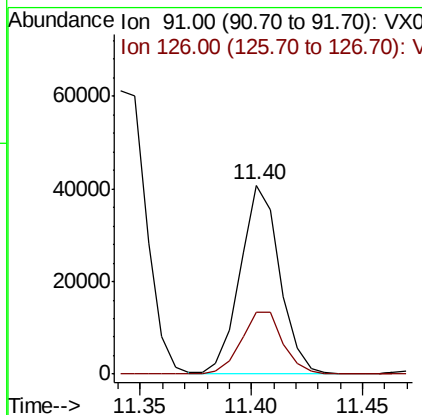
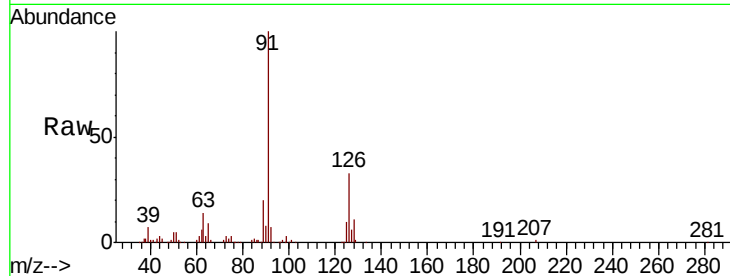




#75
 2-Chlorotoluene
 Concen: 4.998 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

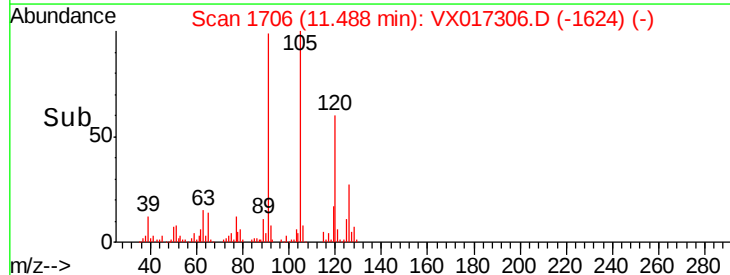
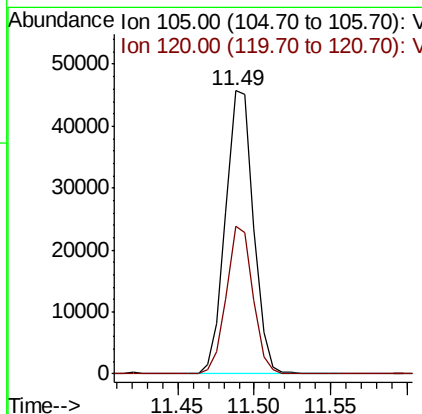
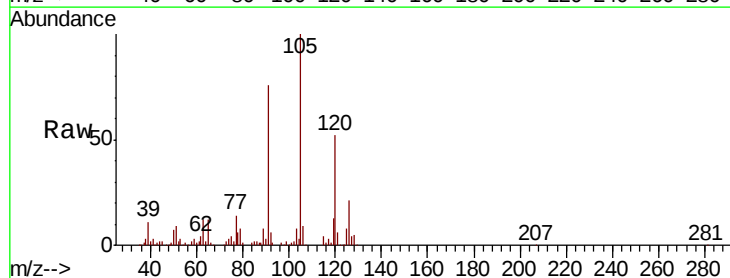
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

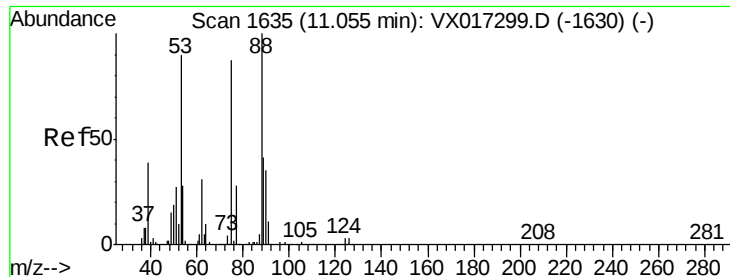
Tot Ion: 91 Resp: 51018
 Ion Ratio Lower Upper
 91 100
 126 34.6 0.0 68.4



#76
 1,3,5-Trimethylbenzene
 Concen: 4.697 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

Tgt Ion: 105 Resp: 58245
 Ion Ratio Lower Upper
 105 100
 120 49.4 0.0 98.8





#77

t-1,4-Dichloro-2-butene

Concen: 4.753 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

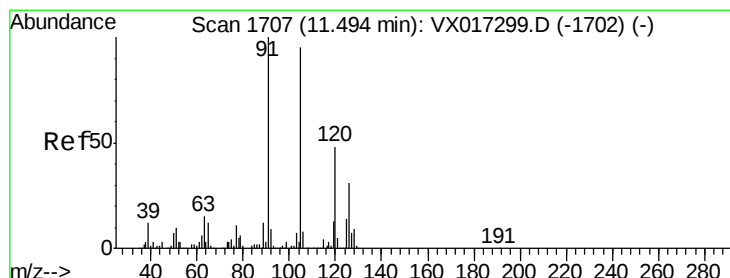
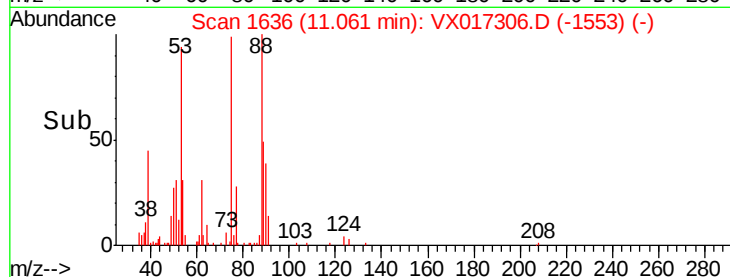
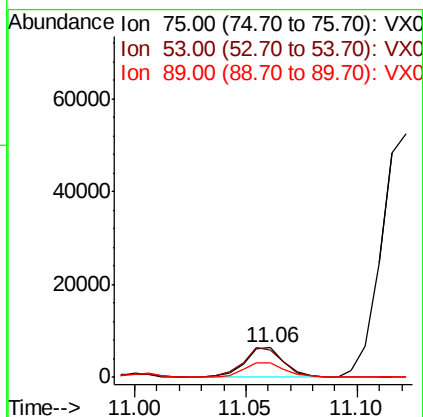
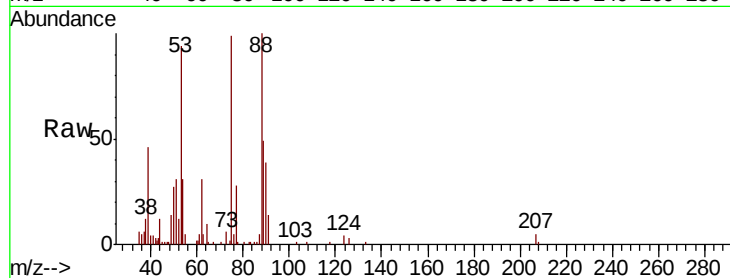
Tot Ion: 75 Resp: 8069

Ion Ratio Lower Upper

75 100

53 93.2 52.1 156.3

89 49.8 23.7 71.1



#78

4-Chlorotoluene

Concen: 4.787 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017306.D

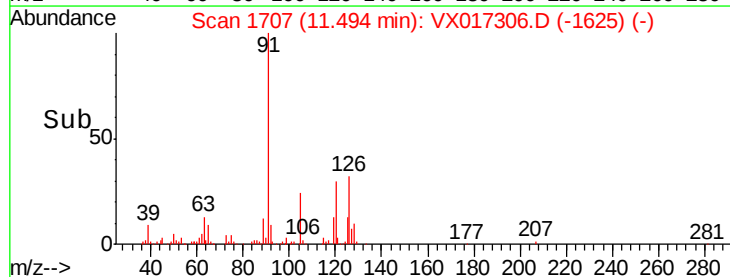
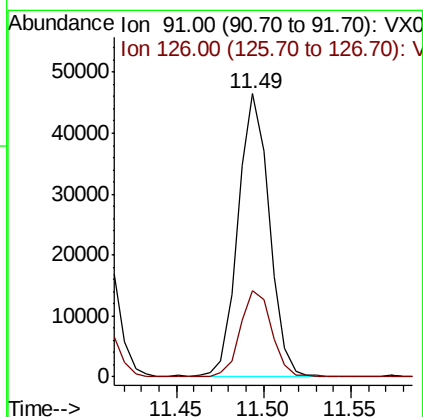
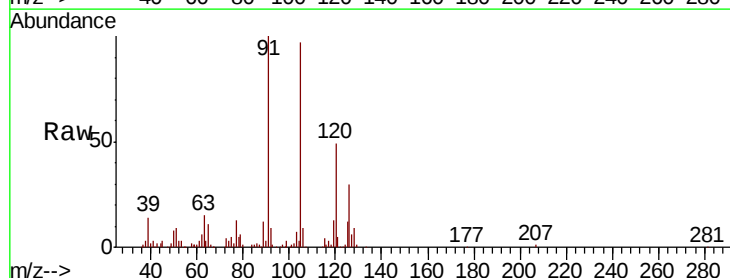
Acq: 09 Jul 2020 14:40

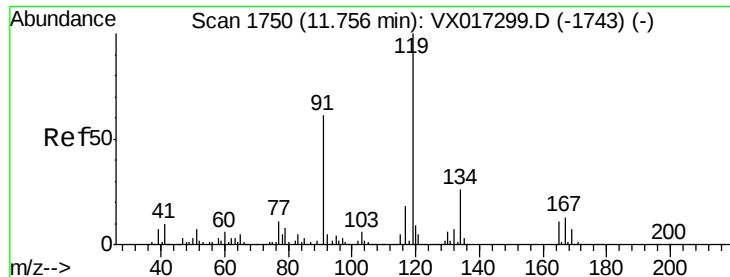
Tgt Ion: 91 Resp: 57929

Ion Ratio Lower Upper

91 100

126 30.7 0.0 61.2

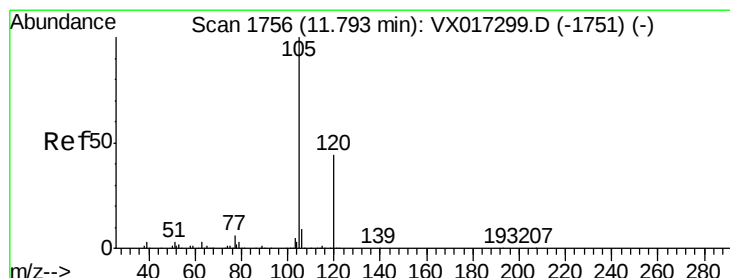
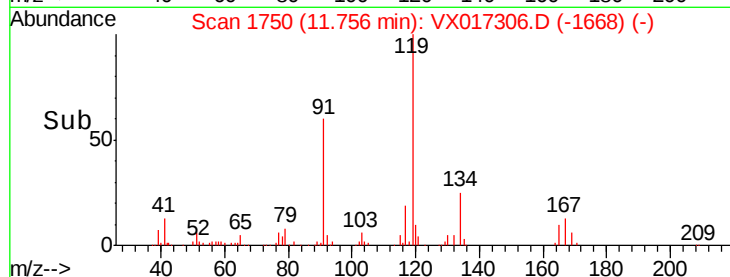
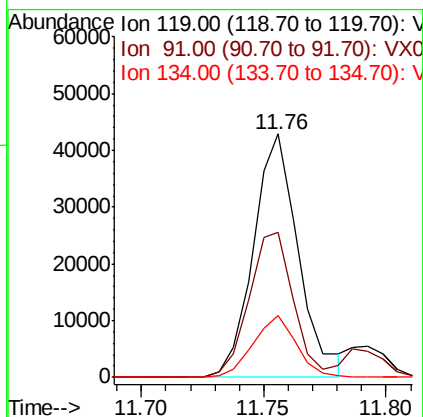
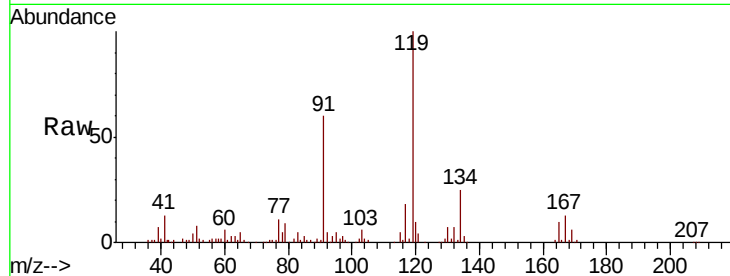




#79
tert-butylbenzene
Concen: 4.588 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

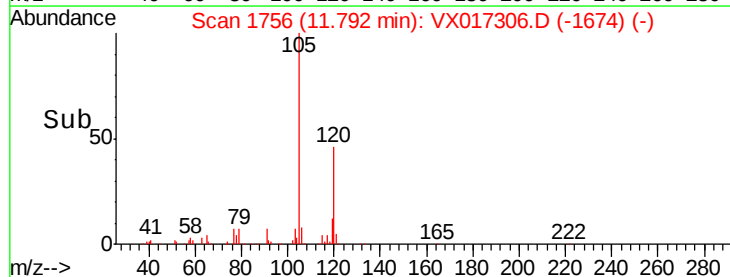
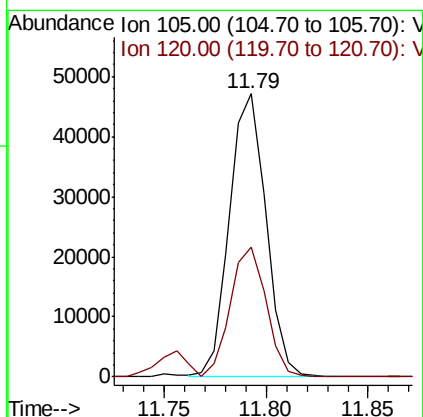
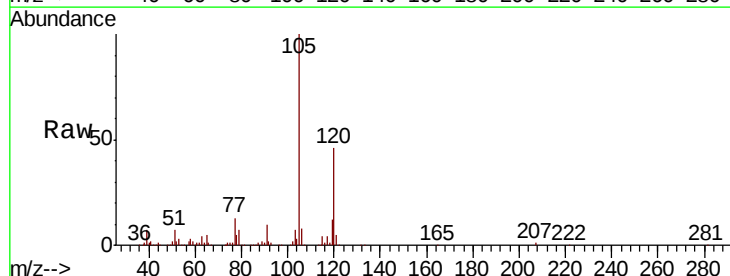
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

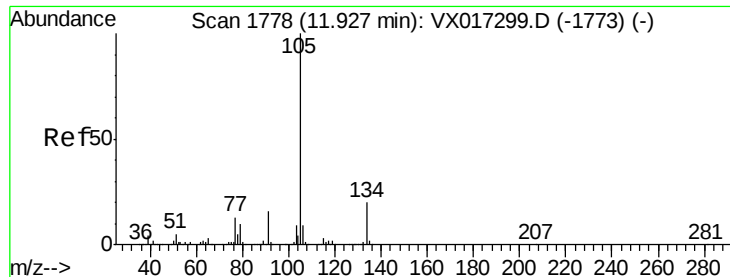
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	0.0	113.6
134	24.0	0.0	48.0



#80
1,2,4-Trimethylbenzene
Concen: 4.677 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	0.0	93.6

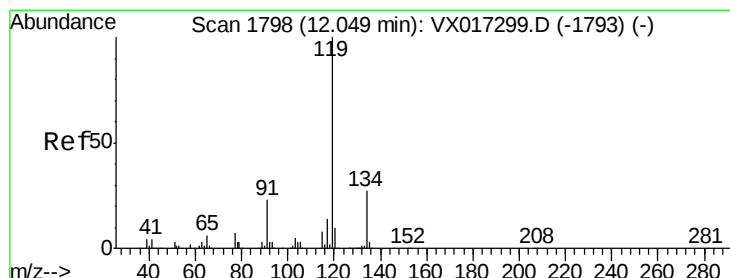
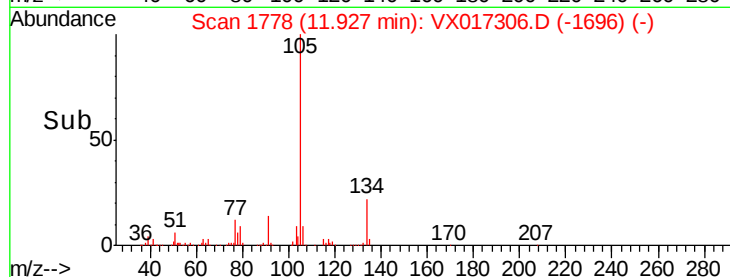
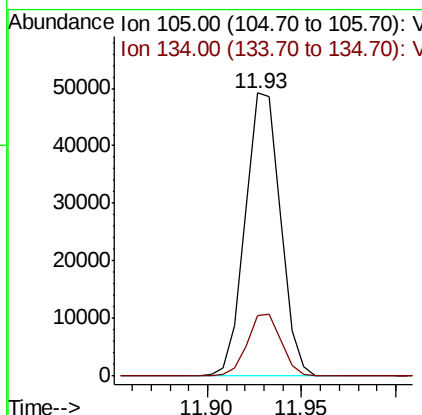
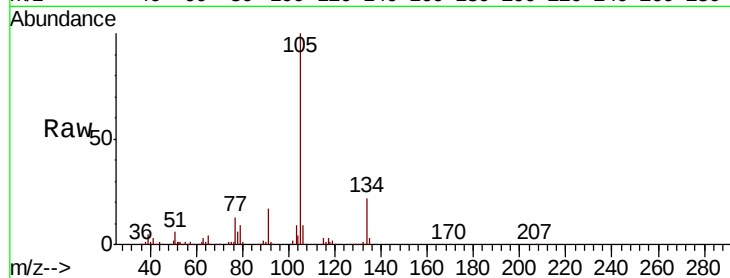




#81
 sec-Butylbenzene
 Concen: 4.610 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

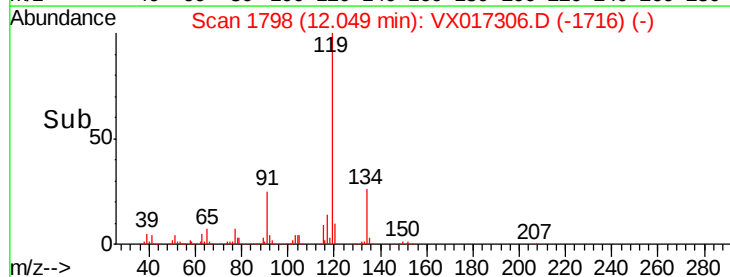
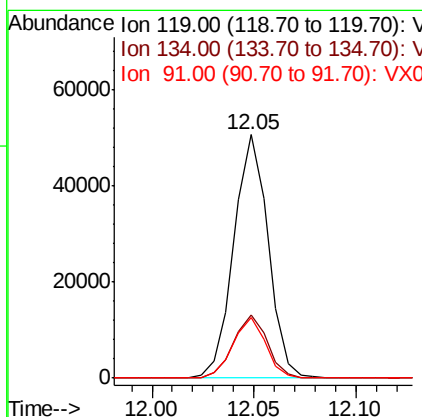
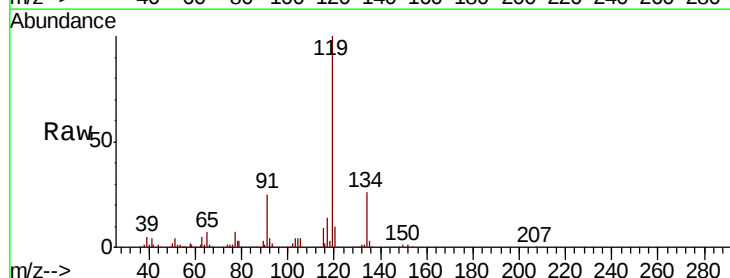
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

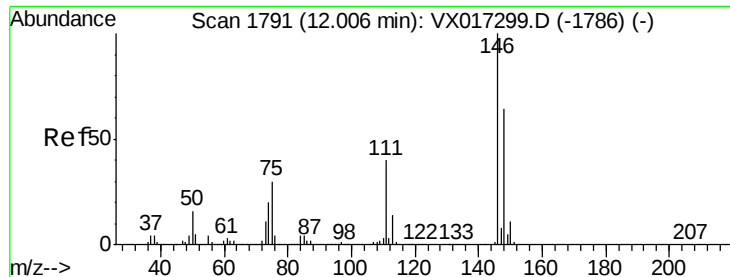
Tot Ion:105 Resp: 63941
 Ion Ratio Lower Upper
 105 100
 134 21.4 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 4.504 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

Tgt Ion:119 Resp: 59074
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 53.6
 91 24.0 0.0 48.0

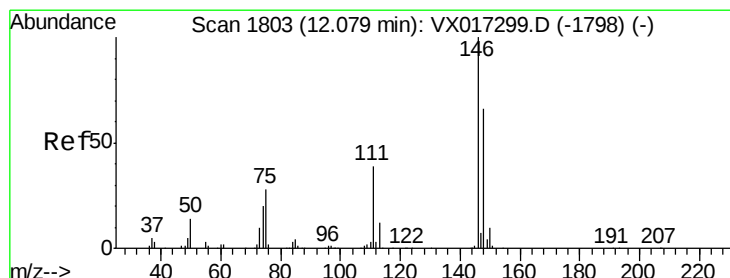
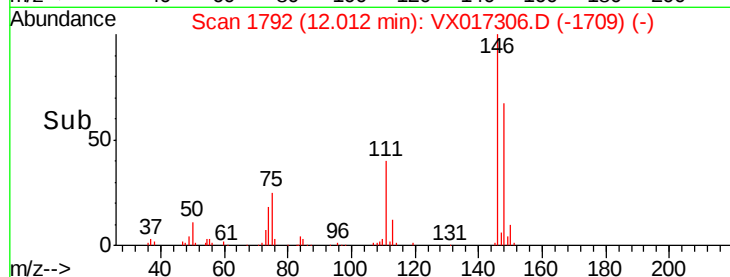
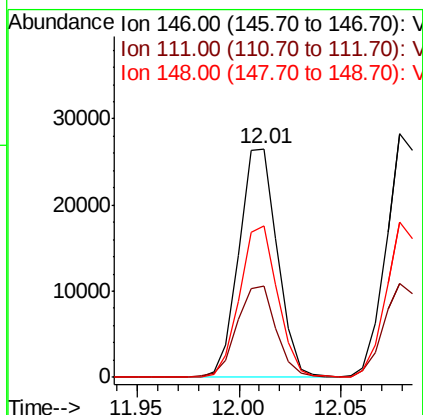
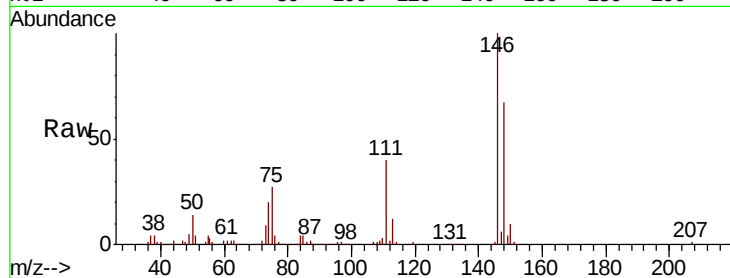




#83
 1,3-Dichlorobenzene
 Concen: 4.756 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

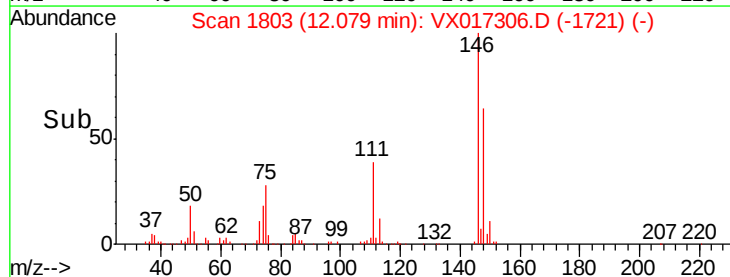
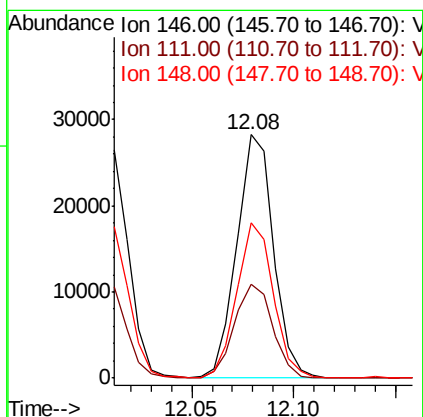
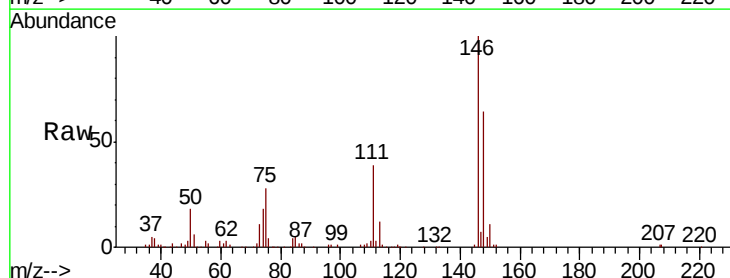
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

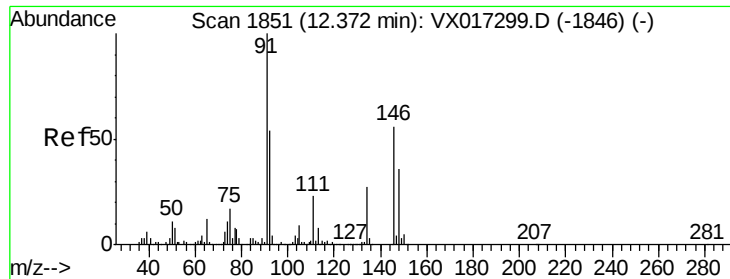
Tot Ion:146 Resp: 34754
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.5 58.5
 148 65.7 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 4.793 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

Tgt Ion:146 Resp: 35439
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.1 57.3
 148 63.5 32.6 97.8

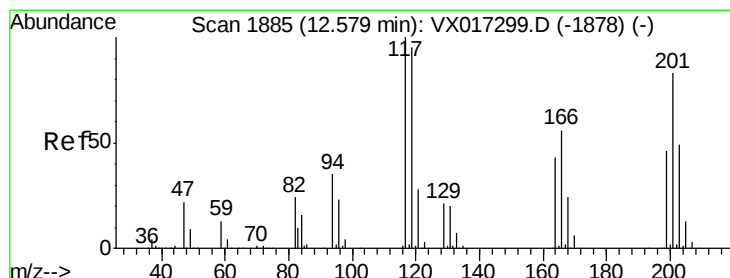
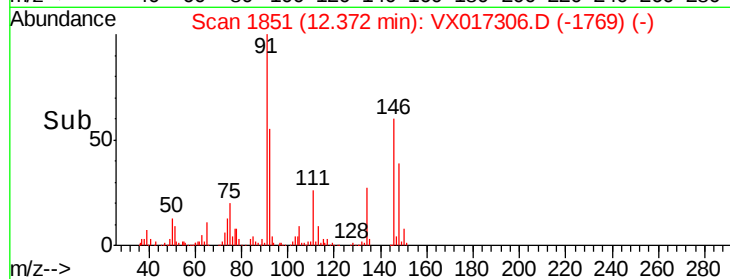
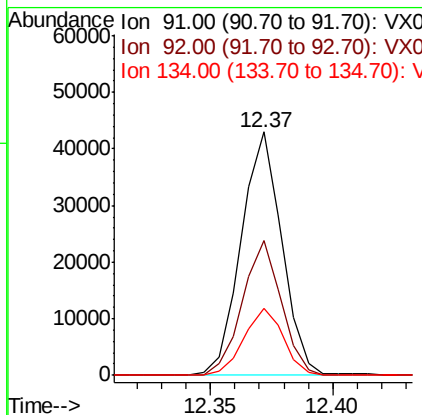
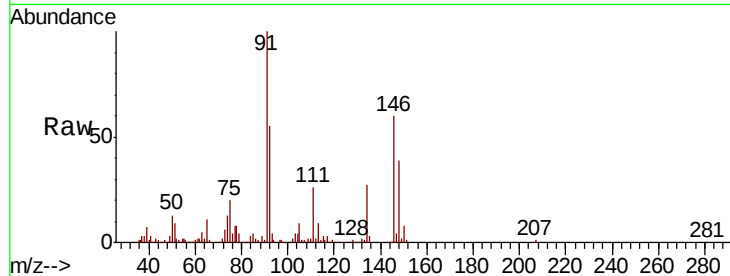




#85
n-Butylbenzene
Concen: 4.485 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

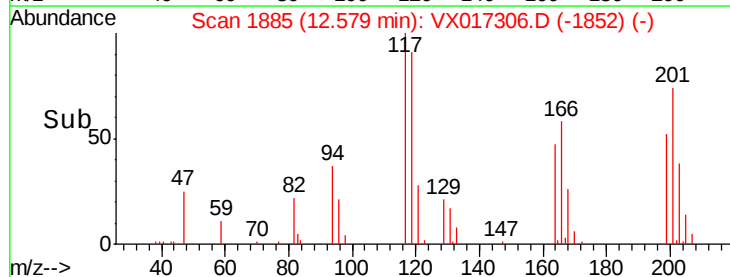
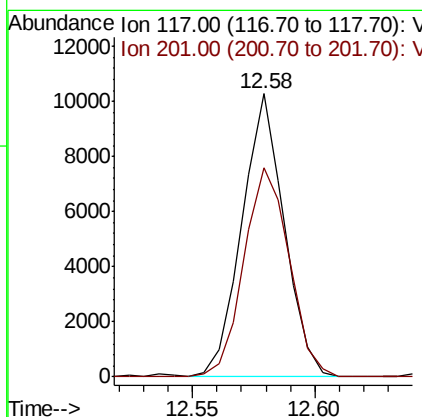
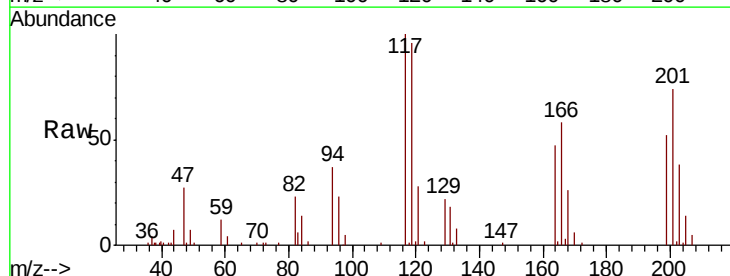
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

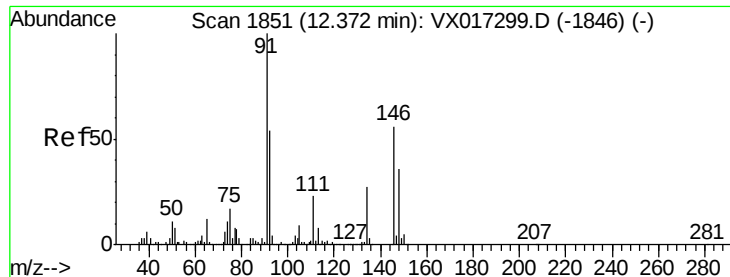
Tot Ion: 91 Resp: 49703
Ion Ratio Lower Upper
91 100
92 53.1 0.0 108.2
134 26.7 0.0 54.2



#86
Hexachloroethane
Concen: 4.890 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion: 117 Resp: 12407
Ion Ratio Lower Upper
117 100
201 79.3 41.0 123.0





#87

1,2-Dichlorobenzene

Concen: 5.009 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

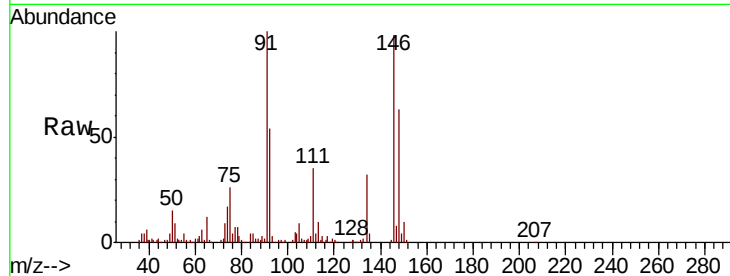
Tot Ion:146 Resp: 35003

Ion Ratio Lower Upper

146 100

111 39.5 20.6 61.9

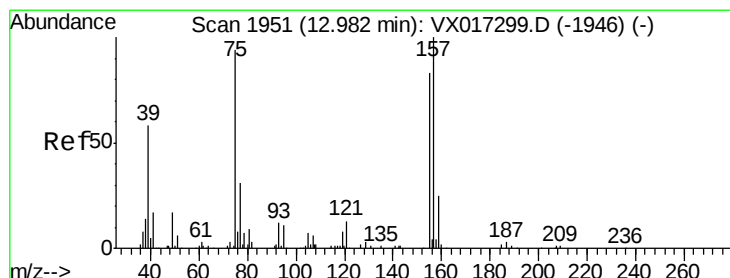
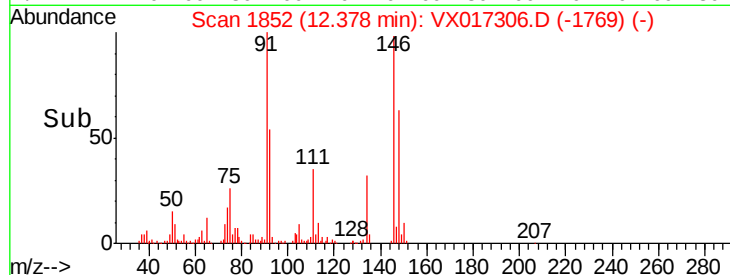
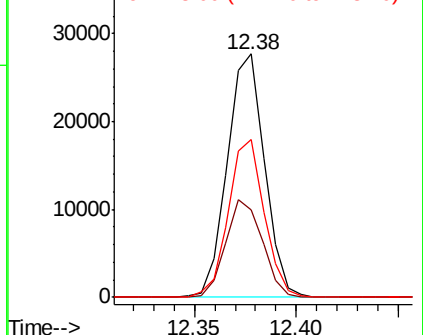
148 62.3 31.6 94.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 5.362 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017306.D

Acq: 09 Jul 2020 14:40

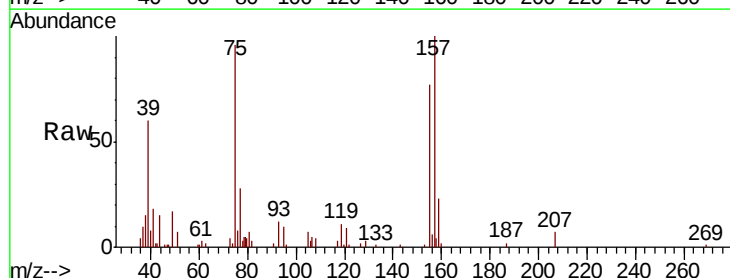
Tgt Ion: 75 Resp: 5889

Ion Ratio Lower Upper

75 100

155 85.9 73.4 110.0

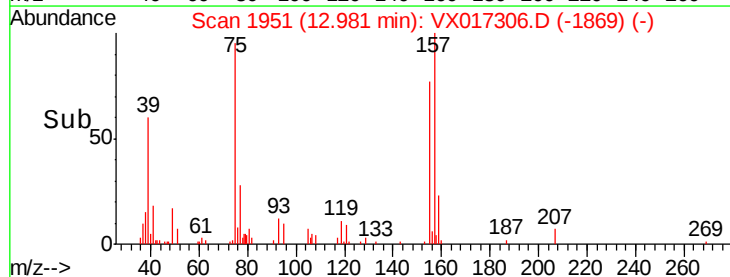
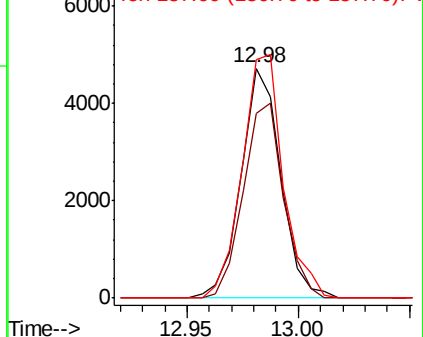
157 109.8 90.5 135.7

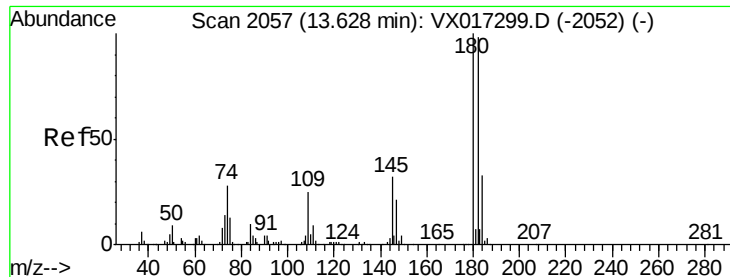


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

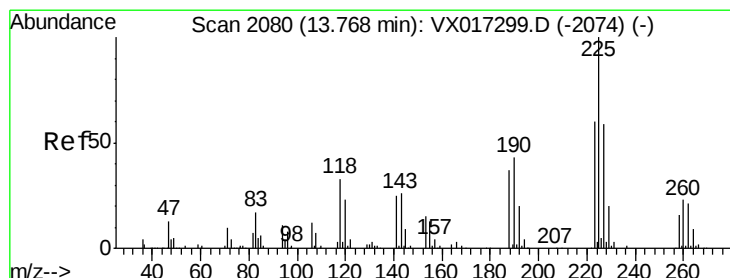
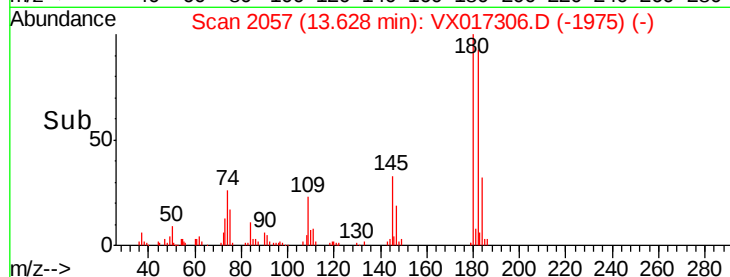
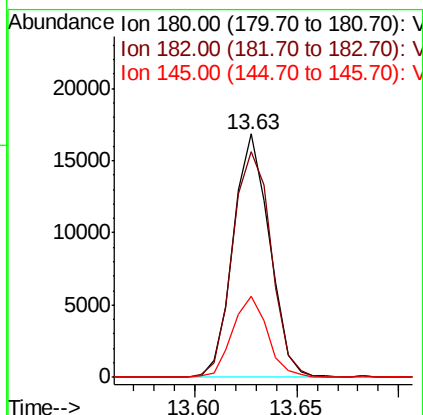
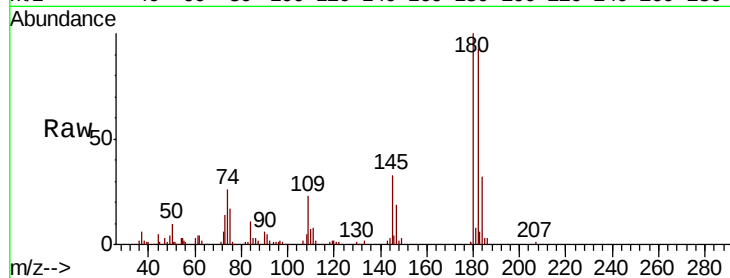




#89
 1,2,4-Trichlorobenzene
 Concen: 4.385 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

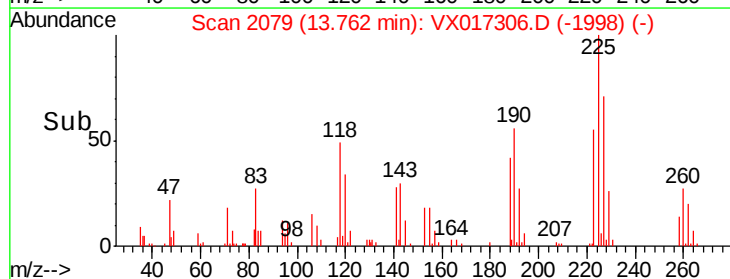
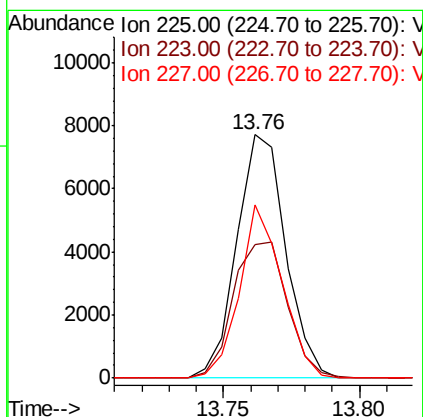
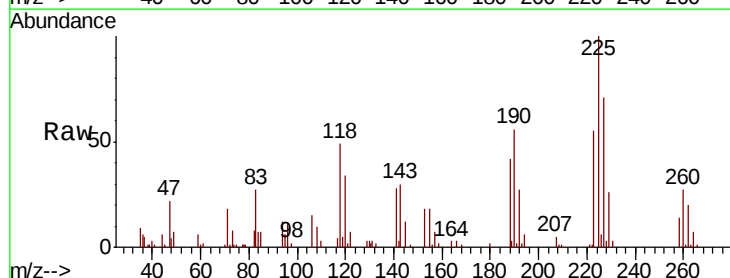
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

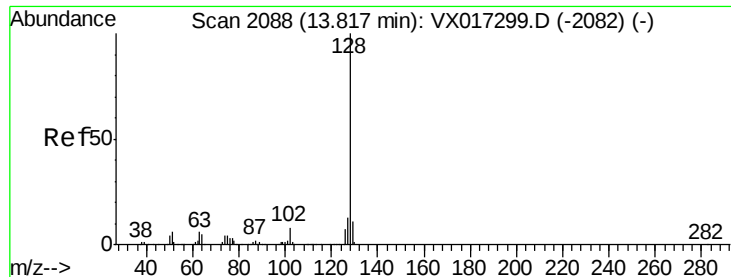
Tot Ion:180 Resp: 20785
 Ion Ratio Lower Upper
 180 100
 182 98.7 77.8 116.8
 145 32.4 25.0 37.4



#90
 Hexachlorobutadiene
 Concen: 5.060 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017306.D
 Acq: 09 Jul 2020 14:40

Tgt Ion:225 Resp: 9621
 Ion Ratio Lower Upper
 225 100
 223 62.3 0.0 129.0
 227 62.0 0.0 124.4

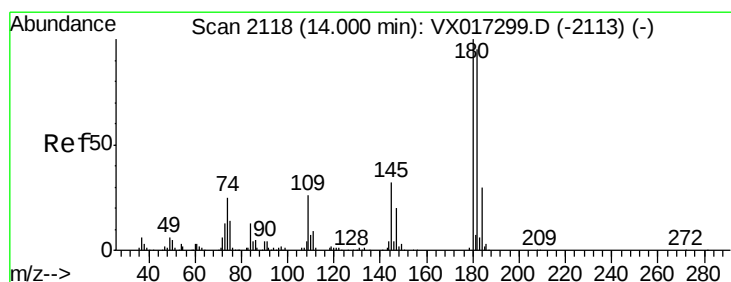
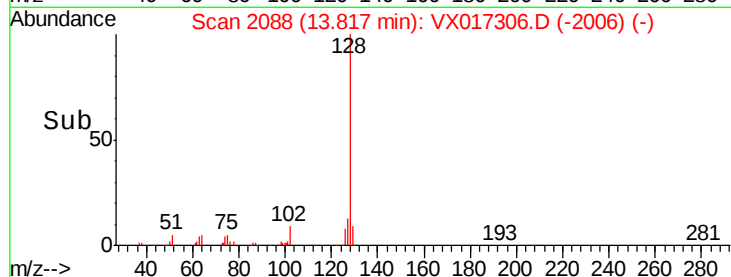
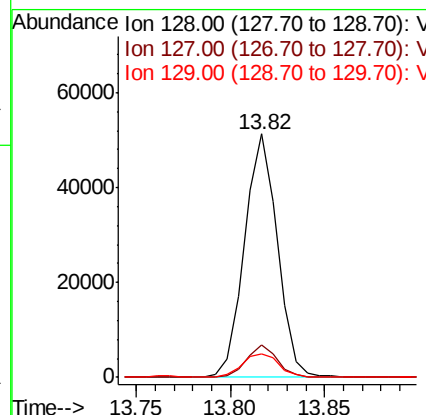
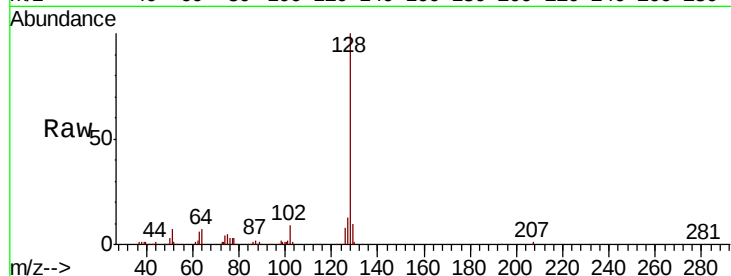




#91
Naphthalene
Concen: 4.271 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

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

Tot Ion:128 Resp: 62056
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.7 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 4.550 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017306.D
Acq: 09 Jul 2020 14:40

Tgt Ion:180 Resp: 21449
Ion Ratio Lower Upper
180 100
182 92.6 0.0 185.6
145 31.6 0.0 63.0

