

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017360.D
 Acq On : 13 Jul 2020 17:59
 Operator : JC/SP
 Sample : L3216-09 5.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Quant Time: Jul 14 03:22:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 03:17:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	311568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	492621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	468808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	249128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	210840	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
35) Dibromofluoromethane	5.46	113	172688	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
50) Toluene-d8	8.70	98	630021	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
62) 4-Bromofluorobenzene	11.12	95	242636	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	13470	5.109	ug/l	98
3) Chloromethane	1.31	50	16268	5.481	ug/l	99
4) Vinyl Chloride	1.39	62	14016	4.773	ug/l	99
5) Bromomethane	1.62	94	10339	5.409	ug/l	92
6) Chloroethane	1.71	64	9457	5.103	ug/l	94
7) Trichlorofluoromethane	1.92	101	24816	5.007	ug/l	96
8) Diethyl Ether	2.17	74	8452	4.825	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14295	5.064	ug/l	96
10) Methyl Iodide	2.49	142	12183	3.557	ug/l #	97
11) Tert butyl alcohol	3.02	59	18413	27.948	ug/l	98
12) 1,1-Dichloroethene	2.36	96	15220	5.368	ug/l	89
13) Acrolein	2.28	56	7693	21.301	ug/l	94
14) Allyl chloride	2.71	41	25966	5.285	ug/l	97
15) Acrylonitrile	3.12	53	43553	27.270	ug/l	98
16) Acetone	2.42	43	36203	25.951	ug/l	98
17) Carbon Disulfide	2.55	76	42186	5.100	ug/l	100
18) Methyl Acetate	2.75	43	18548	5.383	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	50409	5.236	ug/l	100
20) Methylene Chloride	2.84	84	17947	5.273	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	16695	5.146	ug/l	94
22) Diisopropyl ether	3.82	45	51768	5.532	ug/l	97
23) Vinyl Acetate	3.78	43	215314	26.160	ug/l	97
24) 1,1-Dichloroethane	3.67	63	29581	5.378	ug/l	98
25) 2-Butanone	4.64	43	59726	26.955	ug/l	96
26) 2,2-Dichloropropane	4.56	77	25730	5.027	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	19582	5.505	ug/l	97
28) Bromochloromethane	4.98	49	14196	5.587	ug/l	99
29) Tetrahydrofuran	5.10	42	37518	26.157	ug/l	100
30) Chloroform	5.17	83	31352	5.298	ug/l	94
31) Cyclohexane	5.56	56	24527	5.447	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	29268	5.350	ug/l	98
36) 1,1-Dichloropropene	5.78	75	22903	5.055	ug/l	99
37) Ethyl Acetate	4.79	43	24229	5.170	ug/l	98
38) Carbon Tetrachloride	5.75	117	26286	4.955	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071320\
 Data File : VX017360.D
 Acq On : 13 Jul 2020 17:59
 Operator : JC/SP
 Sample : L3216-09 5.0PPB LOO
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Quant Time: Jul 14 03:22:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 03:17:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	24392	4.957	ug/l	96
40) Benzene	6.12	78	69162	5.311	ug/l	96
41) Methacrylonitrile	5.01	41	13259	5.271	ug/l	97
42) 1,2-Dichloroethane	6.17	62	26705	5.278	ug/l	97
43) Isopropyl Acetate	6.42	43	36759	4.909	ug/l	96
44) Trichloroethene	7.19	130	21061	5.295	ug/l	98
45) 1,2-Dichloropropane	7.49	63	17714	5.316	ug/l	98
46) Dibromomethane	7.64	93	12476	5.192	ug/l	95
47) Bromodichloromethane	7.88	83	24975	4.971	ug/l	99
48) Methyl methacrylate	7.75	41	18889	5.257	ug/l	96
49) 1,4-Dioxane	7.72	88	7725	105.055	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	115570	25.313	ug/l	99
52) Toluene	8.76	92	43462	5.201	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	26530	4.902	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	28504	4.938	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	18098	5.194	ug/l	96
56) Ethyl methacrylate	9.16	69	23118	4.673	ug/l	96
57) 1,3-Dichloropropane	9.35	76	30156	5.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	61704	24.564	ug/l	98
59) 2-Hexanone	9.47	43	85399	24.782	ug/l	97
60) Dibromochloromethane	9.56	129	20326	4.775	ug/l	99
61) 1,2-Dibromoethane	9.65	107	19363	5.108	ug/l	99
64) Tetrachloroethene	9.32	164	21347	5.261	ug/l	94
65) Chlorobenzene	10.12	112	50190	5.268	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	18959	4.998	ug/l	97
67) Ethyl Benzene	10.24	91	79963	5.042	ug/l	97
68) m/p-Xylenes	10.34	106	59555	9.869	ug/l	98
69) o-Xylene	10.68	106	28317	4.911	ug/l	99
70) Styrene	10.70	104	47364	4.785	ug/l	99
71) Bromoform	10.84	173	15814	4.941	ug/l #	100
73) Isopropylbenzene	11.00	105	77576	4.967	ug/l	98
74) N-amyl acetate	10.88	43	30366	4.859	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	26592	5.608	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	31757	6.899	ug/l	87
77) Bromobenzene	11.24	156	22359	5.027	ug/l	94
78) n-propylbenzene	11.34	91	89308	5.092	ug/l	98
79) 2-Chlorotoluene	11.40	91	55122	5.100	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	65998	4.978	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	8252	4.547	ug/l	96
82) 4-Chlorotoluene	11.49	91	64382	5.026	ug/l	97
83) tert-Butylbenzene	11.76	119	62081	4.844	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	64784	4.837	ug/l	100
85) sec-Butylbenzene	11.93	105	72637	4.841	ug/l	98
86) p-Isopropyltoluene	12.05	119	68927	4.855	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	41134	5.170	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	41080	5.110	ug/l	93
89) n-Butylbenzene	12.37	91	56182	4.640	ug/l	99
90) Hexachloroethane	12.58	117	13594	5.044	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	38731	5.180	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5963	4.766	ug/l	95

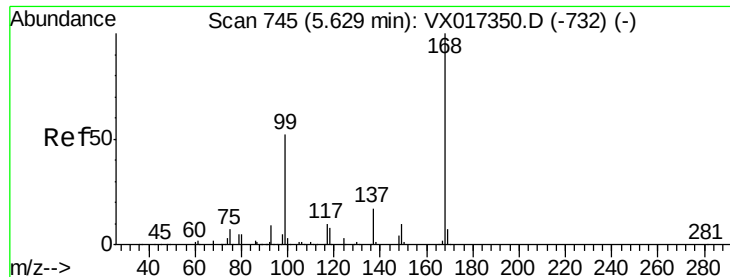
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071320\
Data File : VX017360.D
Acq On : 13 Jul 2020 17:59
Operator : JC/SP
Sample : L3216-09 5.0PPB L00
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Quant Time: Jul 14 03:22:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 03:17:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	23895	4.604	ug/l	97
94) Hexachlorobutadiene	13.76	225	10956	5.176	ug/l	96
95) Naphthalene	13.82	128	66600	4.364	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	24014	4.789	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

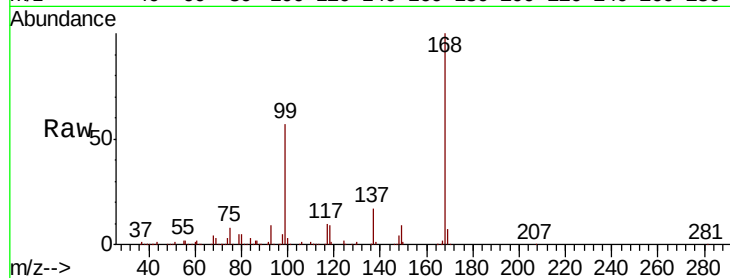
LOQ-WATER-02-QT3-2020

Tot Ion:168 Resp: 311568

Ion Ratio Lower Upper

168 100

99 56.7 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

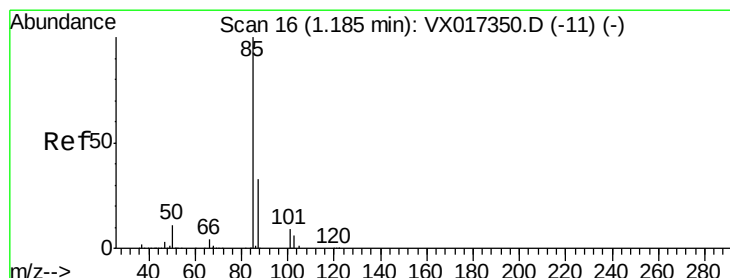
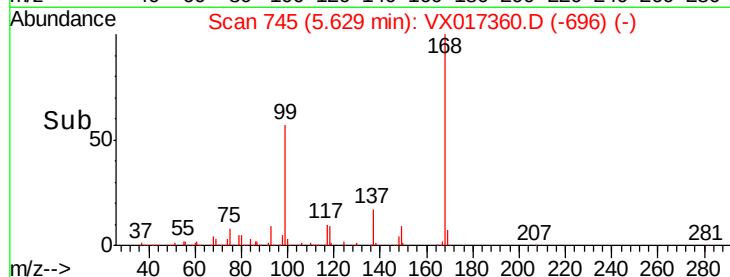
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 5.109 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017360.D

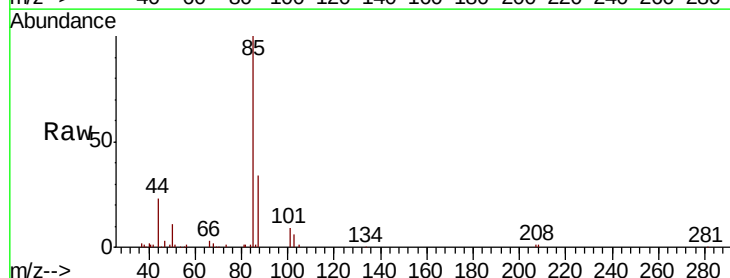
Acq: 13 Jul 2020 17:59

Tgt Ion: 85 Resp: 13470

Ion Ratio Lower Upper

85 100

87 33.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

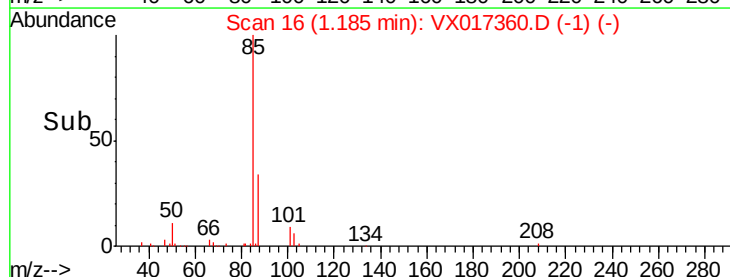
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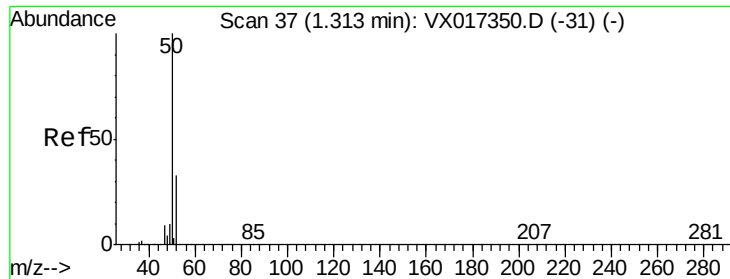
10000

5000

0

Time-->





#3

Chloromethane

Concen: 5.481 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

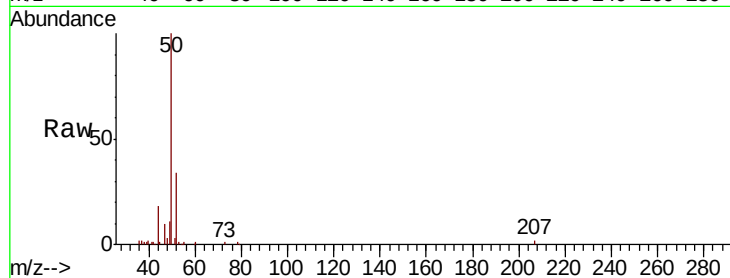
LOQ-WATER-02-QT3-2020

Tot Ion: 50 Resp: 16268

Ion Ratio Lower Upper

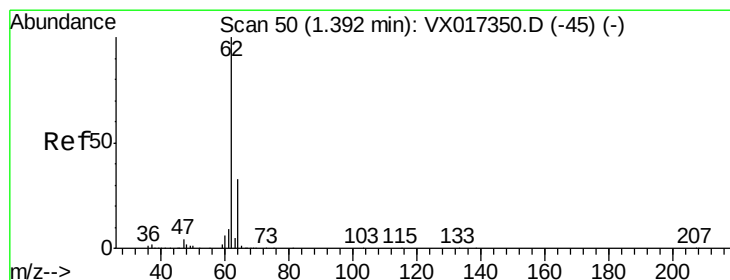
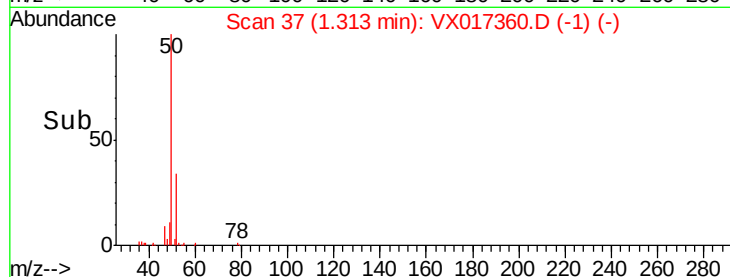
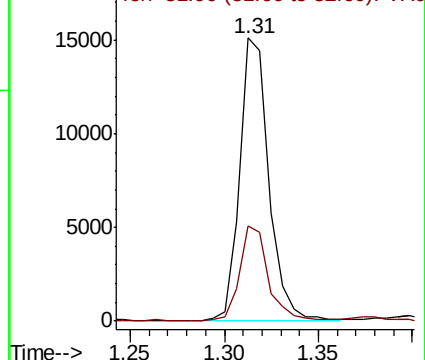
50 100

52 33.8 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.773 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017360.D

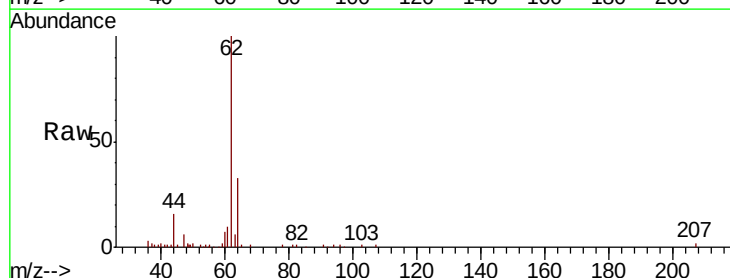
Acq: 13 Jul 2020 17:59

Tgt Ion: 62 Resp: 14016

Ion Ratio Lower Upper

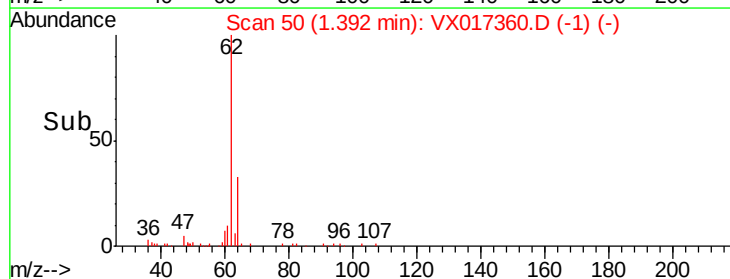
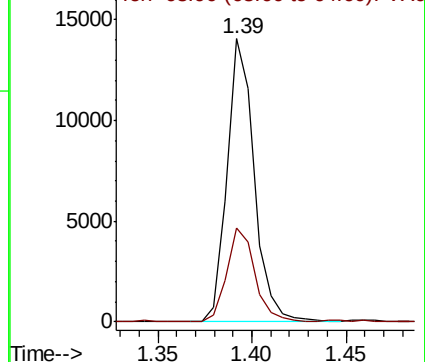
62 100

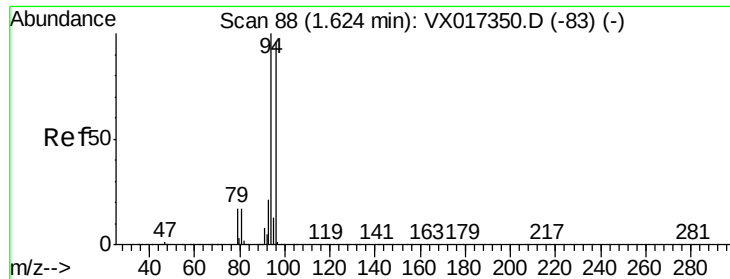
64 33.2 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.409 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

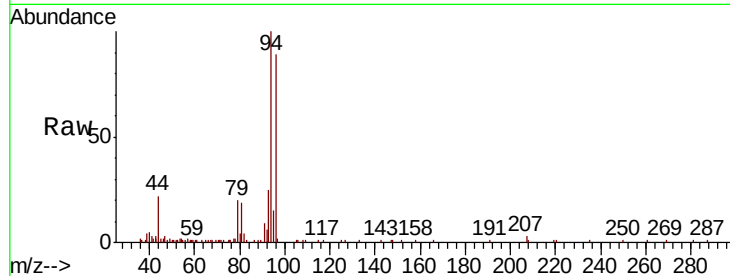
LOQ-WATER-02-QT3-2020

Tot Ion: 94 Resp: 10339

Ion Ratio Lower Upper

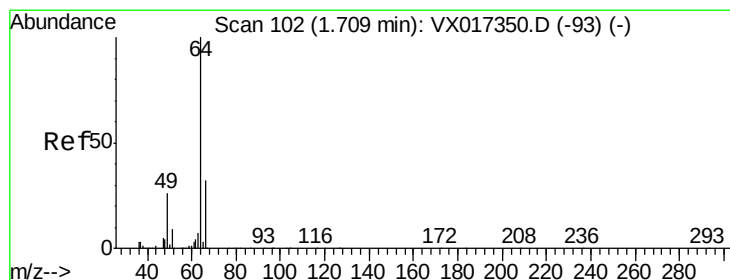
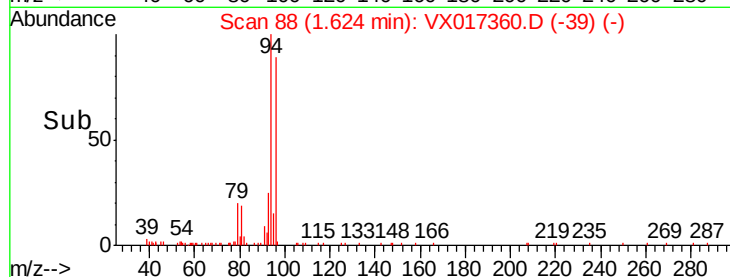
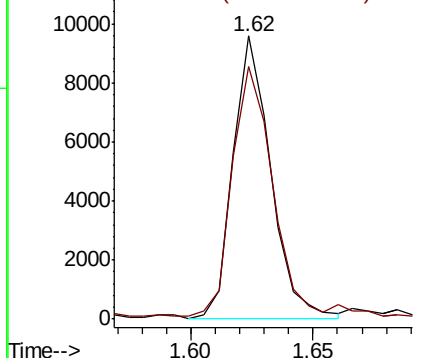
94 100

96 88.1 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.103 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017360.D

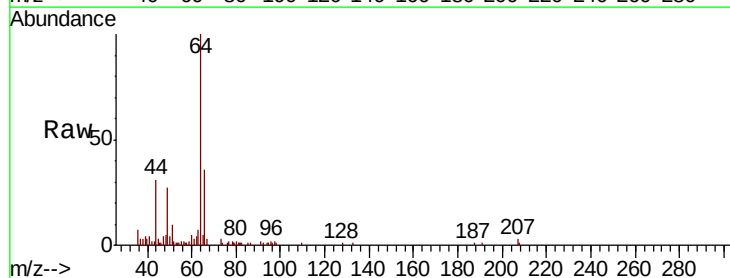
Acq: 13 Jul 2020 17:59

Tgt Ion: 64 Resp: 9457

Ion Ratio Lower Upper

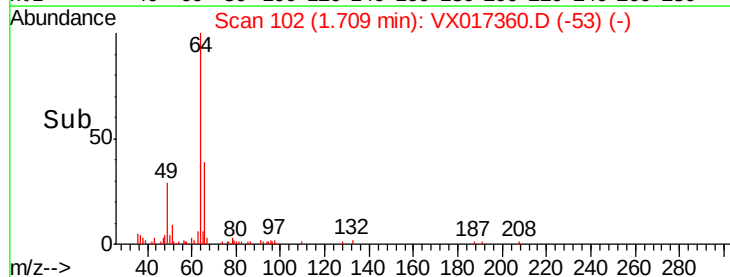
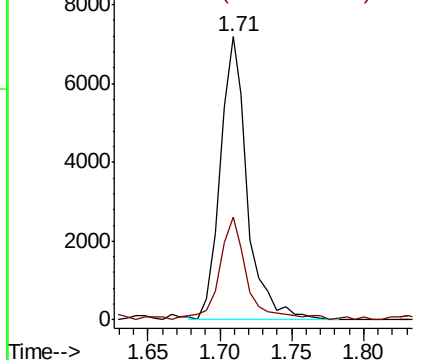
64 100

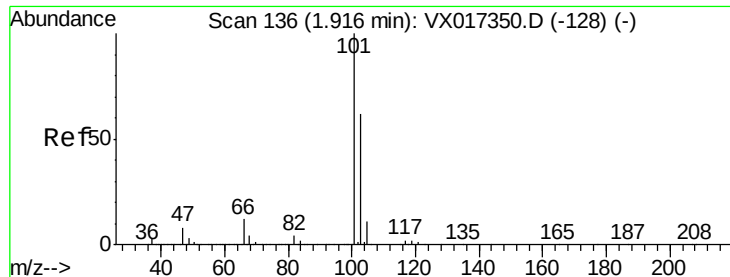
66 35.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



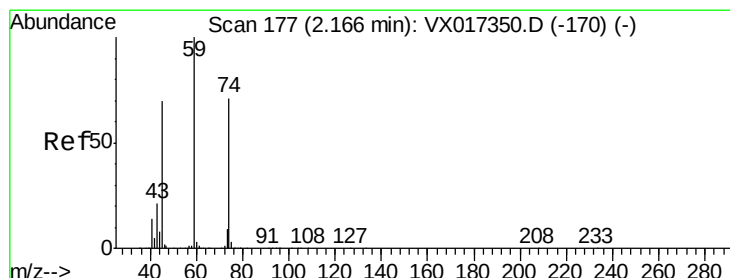
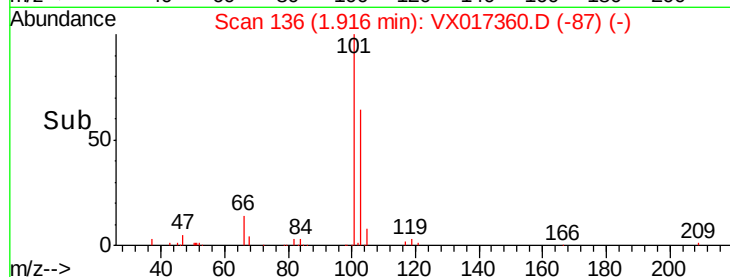
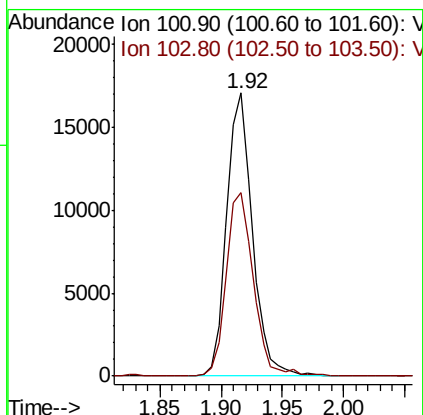
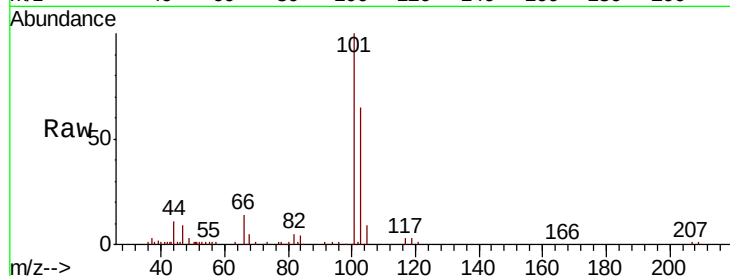


#7

Trichlorofluoromethane
Concen: 5.007 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

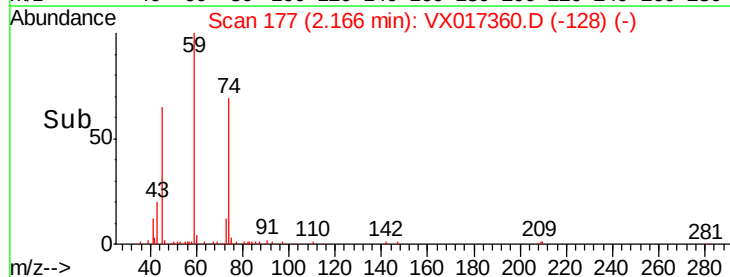
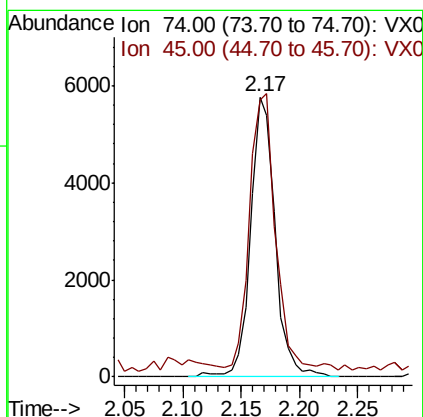
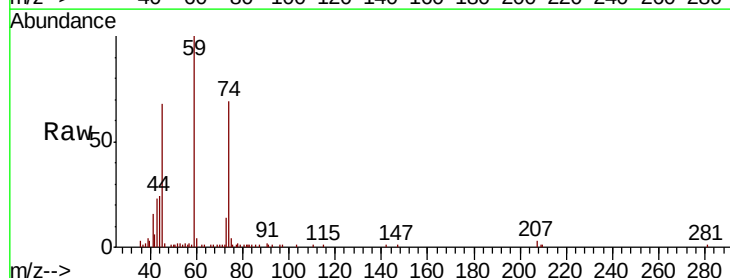
Tot Ion:101 Resp: 24816
Ion Ratio Lower Upper
101 100
103 64.8 49.6 74.4

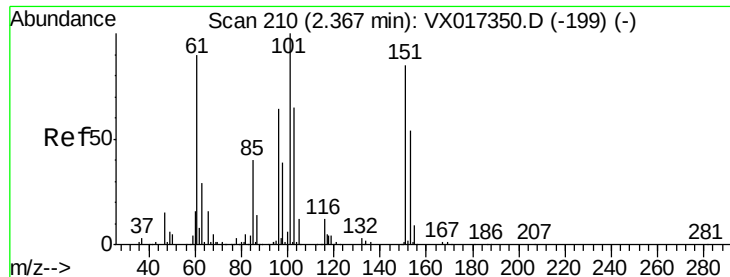


#8

Diethyl Ether
Concen: 4.825 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion: 74 Resp: 8452
Ion Ratio Lower Upper
74 100
45 101.7 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.064 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

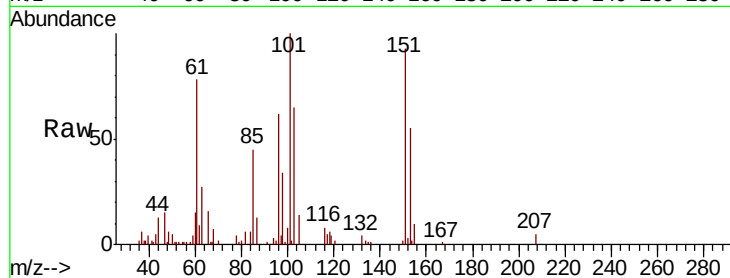
Tot Ion:101 Resp: 14295

Ion Ratio Lower Upper

101 100

85 46.9 33.7 50.5

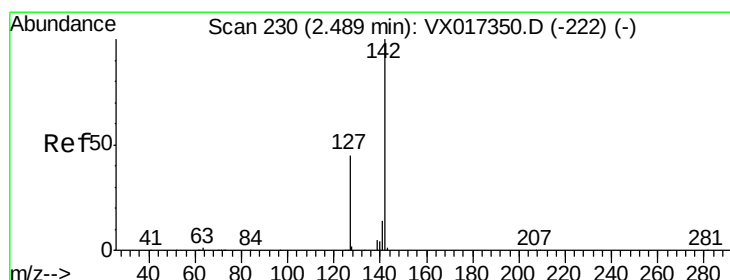
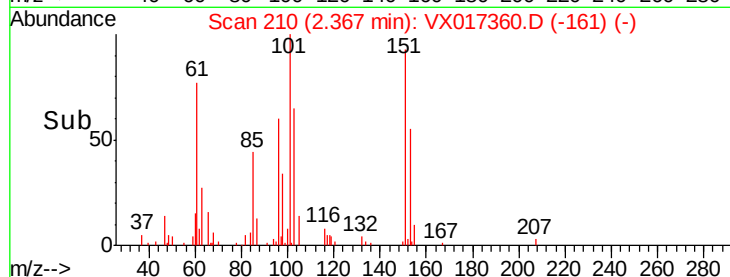
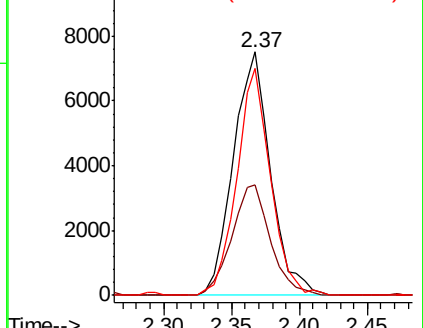
151 84.6 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.557 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

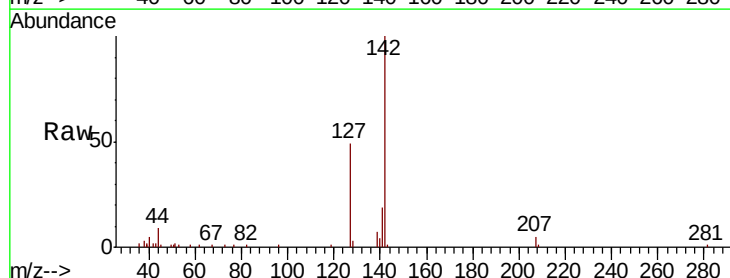
Tgt Ion:142 Resp: 12183

Ion Ratio Lower Upper

142 100

127 47.0 36.8 55.2

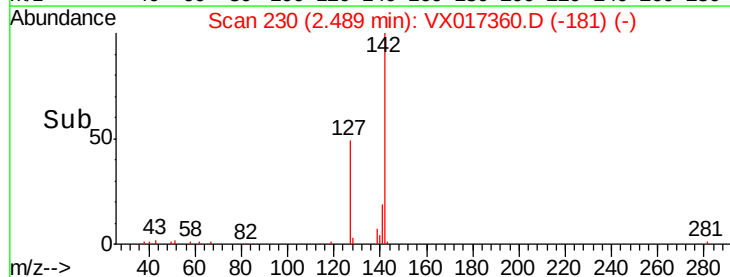
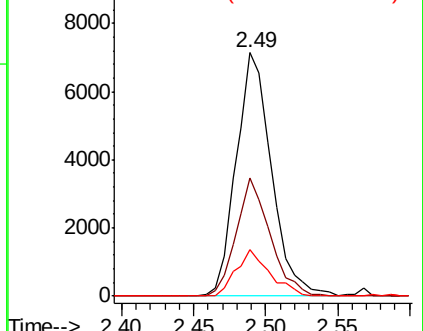
141 18.0 11.4 17.0#

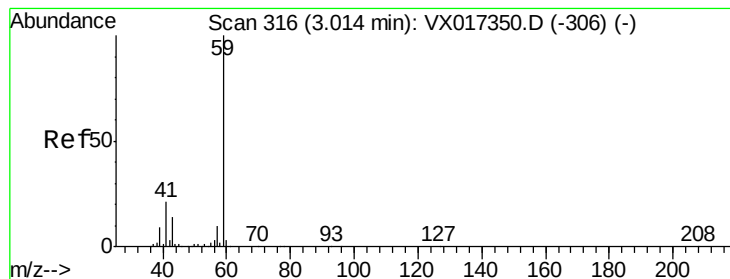


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



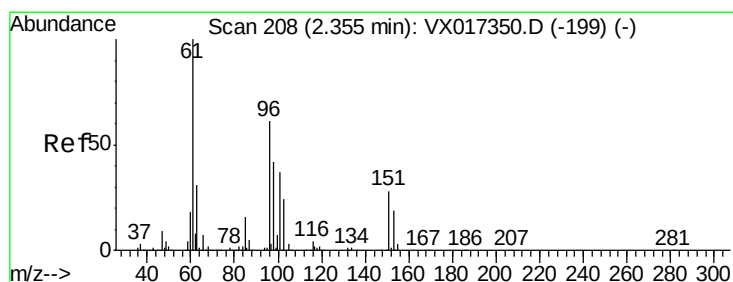
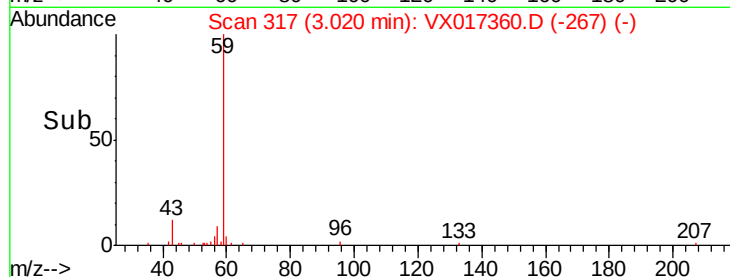
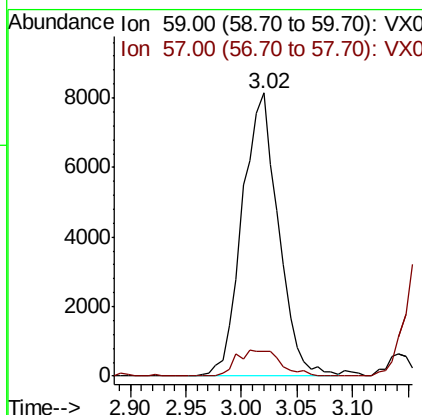
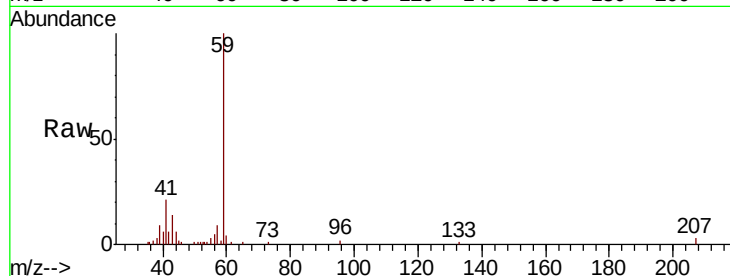


#11

Tert butyl alcohol
Concen: 27.948 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

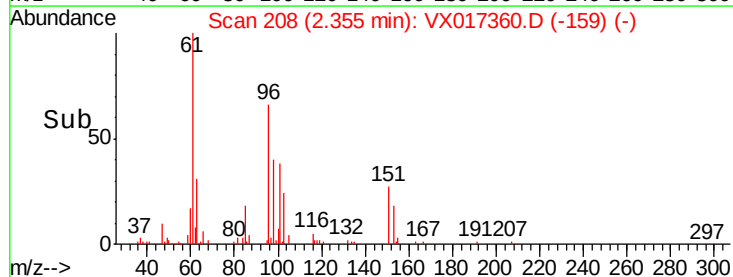
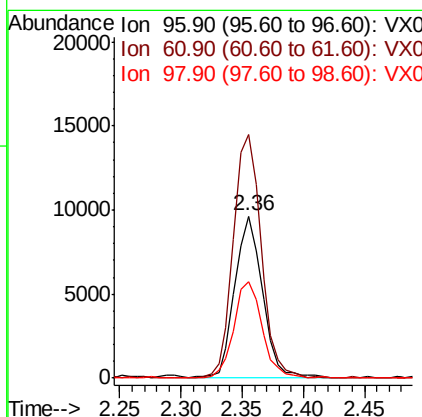
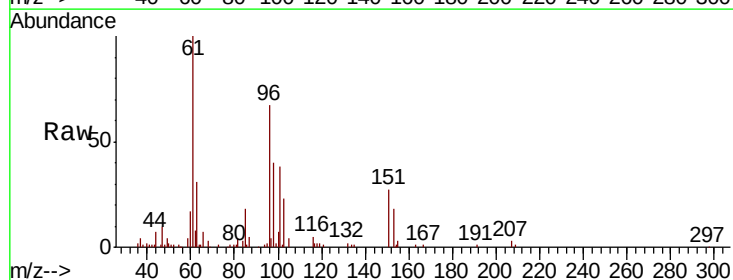
Tot Ion: 59 Resp: 18413
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5

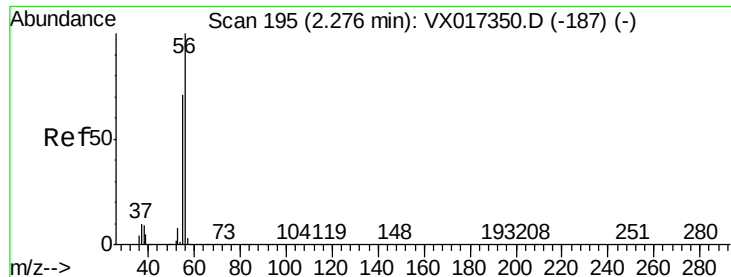


#12

1,1-Dichloroethene
Concen: 5.368 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion: 96 Resp: 15220
Ion Ratio Lower Upper
96 100
61 150.3 131.5 197.3
98 59.8 55.1 82.7





#13

Acrolein

Concen: 21.301 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

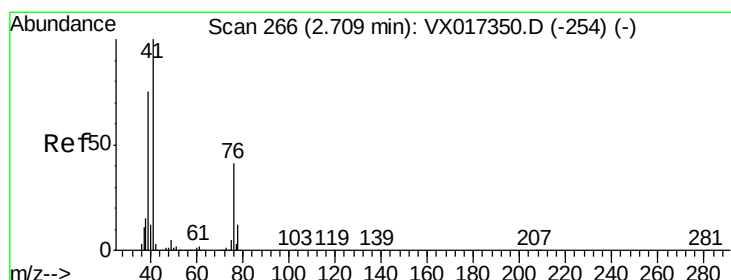
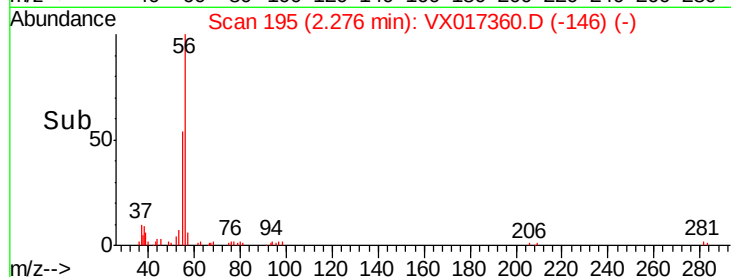
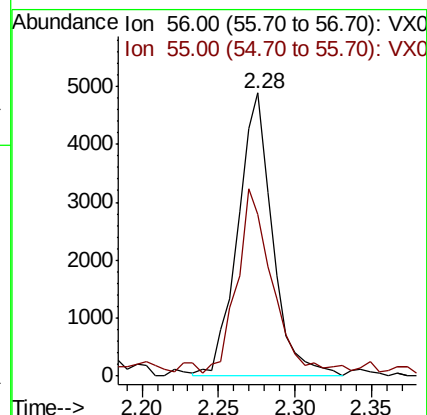
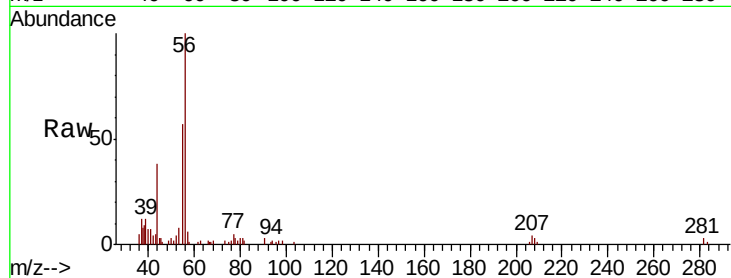
LOQ-WATER-02-QT3-2020

Tot Ion: 56 Resp: 7693

Ion Ratio Lower Upper

56 100

55 66.1 57.1 85.7



#14

Allyl chloride

Concen: 5.285 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

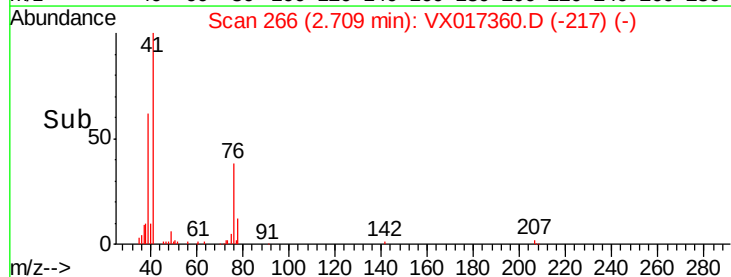
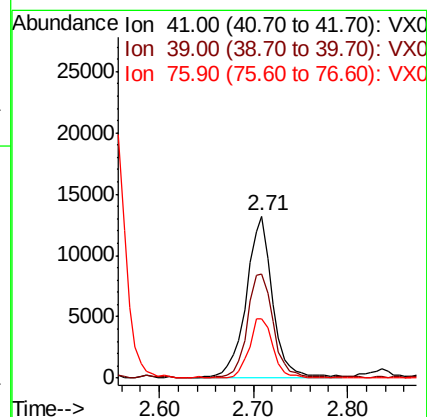
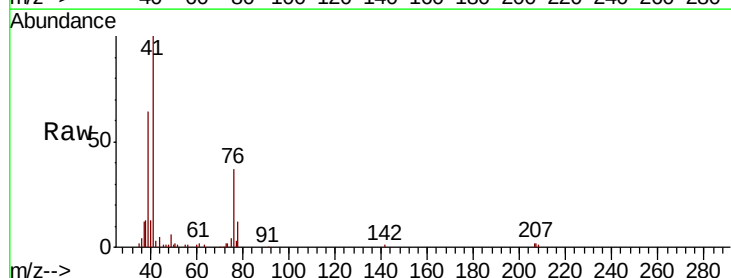
Tgt Ion: 41 Resp: 25966

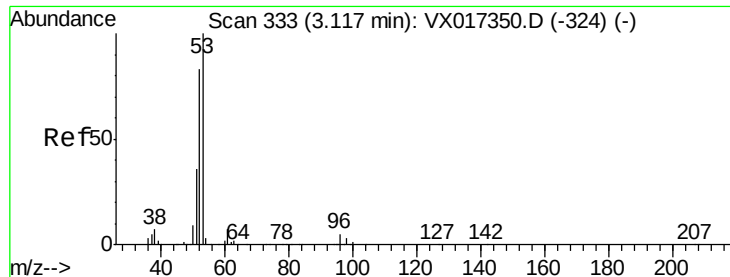
Ion Ratio Lower Upper

41 100

39 64.2 53.0 79.4

76 33.4 28.2 42.2





#15

Acrylonitrile

Concen: 27.270 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

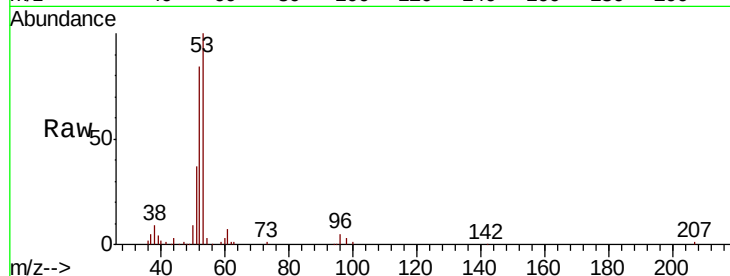
Tot Ion: 53 Resp: 43553

Ion Ratio Lower Upper

53 100

52 80.6 65.8 98.6

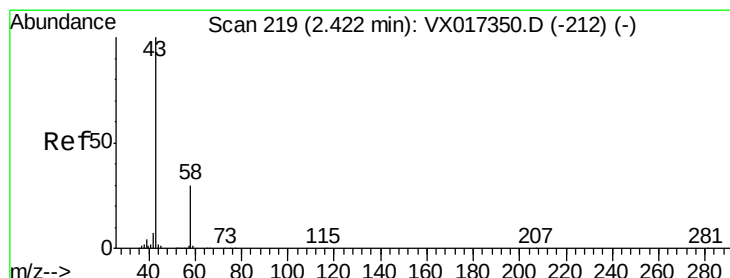
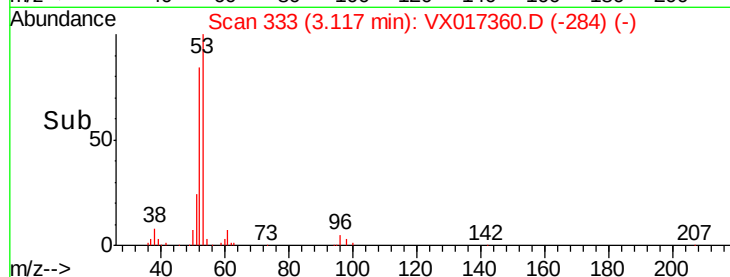
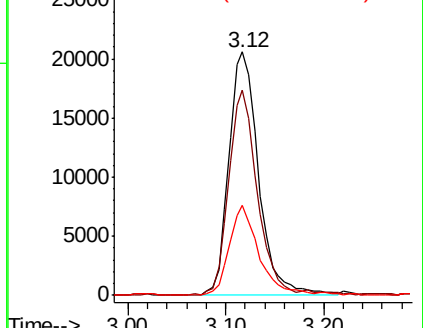
51 37.2 29.2 43.8



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



#16

Acetone

Concen: 25.951 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017360.D

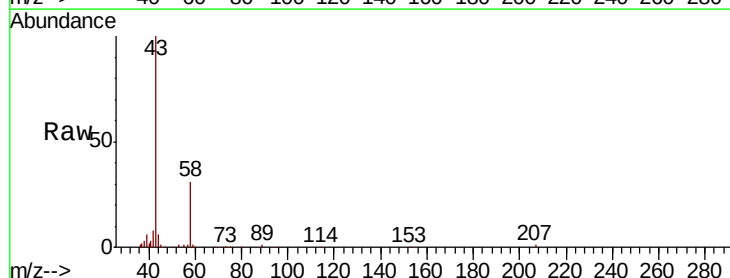
Acq: 13 Jul 2020 17:59

Tgt Ion: 43 Resp: 36203

Ion Ratio Lower Upper

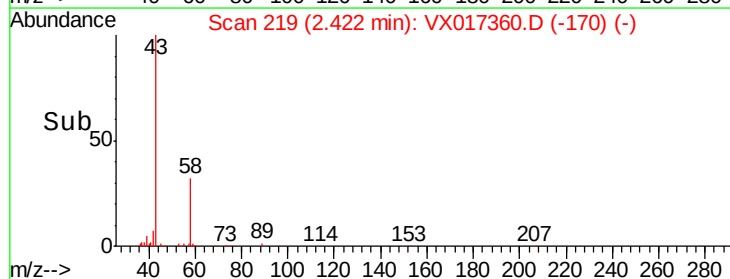
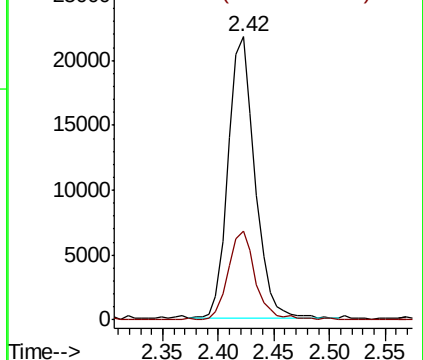
43 100

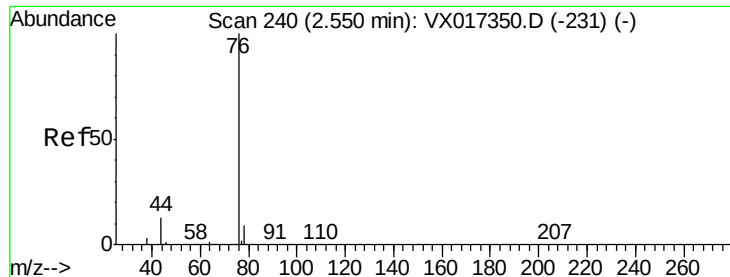
58 31.2 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 5.100 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

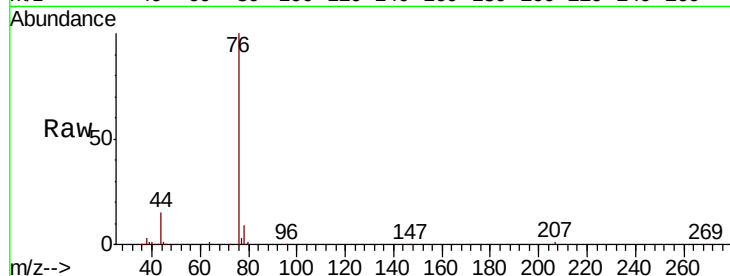
LOQ-WATER-02-QT3-2020

Tot Ion: 76 Resp: 42186

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

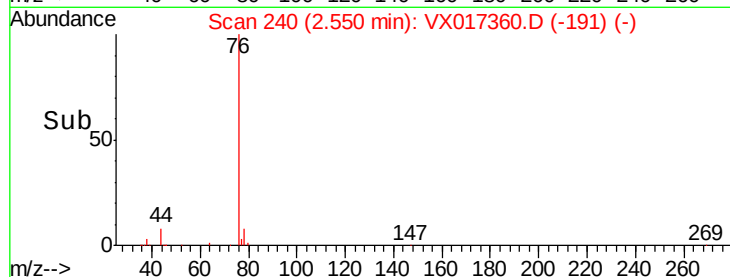


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

Time-->



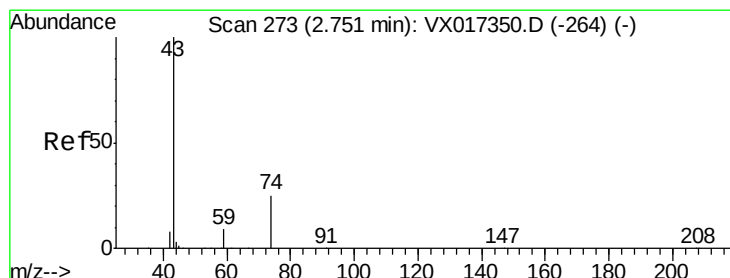
Abundance

Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

Time-->



#18

Methyl Acetate

Concen: 5.383 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017360.D

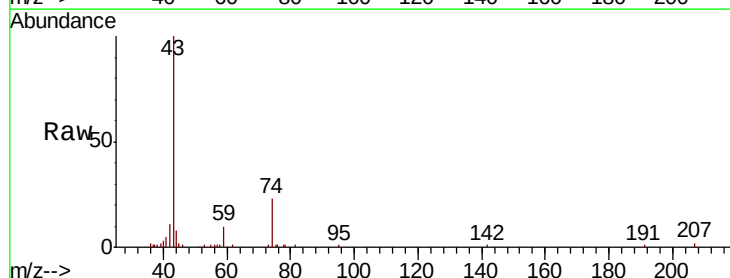
Acq: 13 Jul 2020 17:59

Tgt Ion: 43 Resp: 18548

Ion Ratio Lower Upper

43 100

74 23.3 19.4 29.2

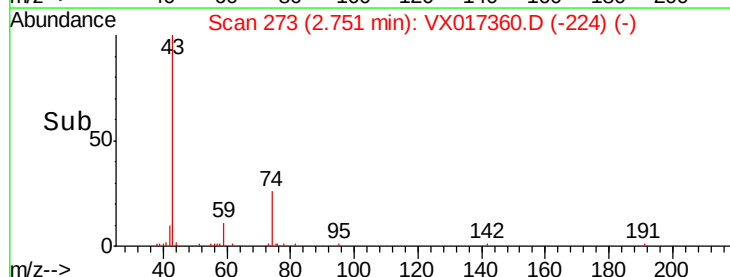


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

Time-->



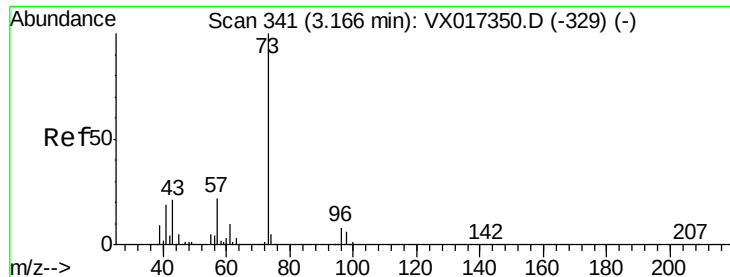
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

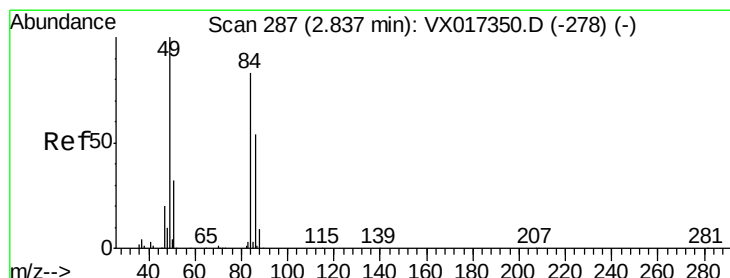
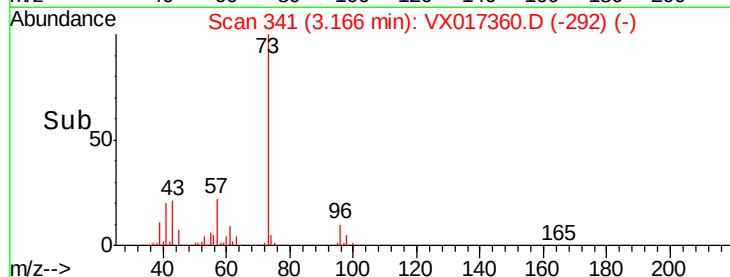
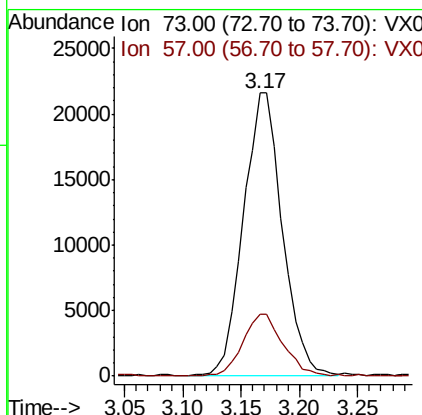
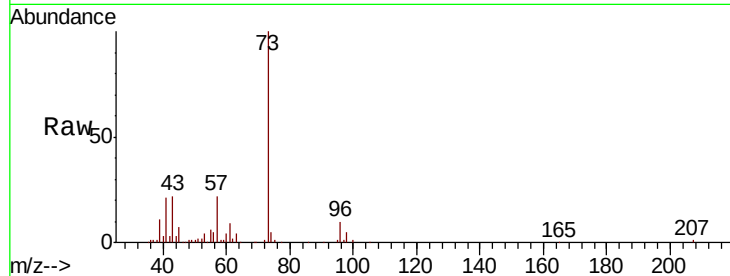
Time-->



#19
Methyl tert-butyl Ether
Concen: 5.236 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

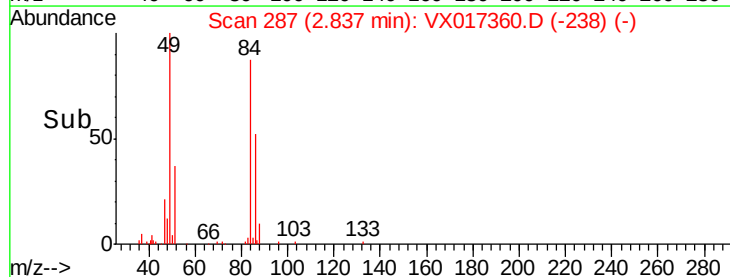
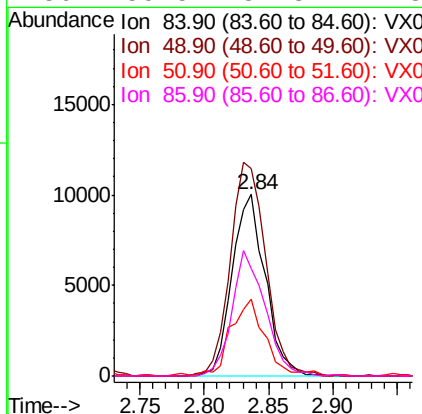
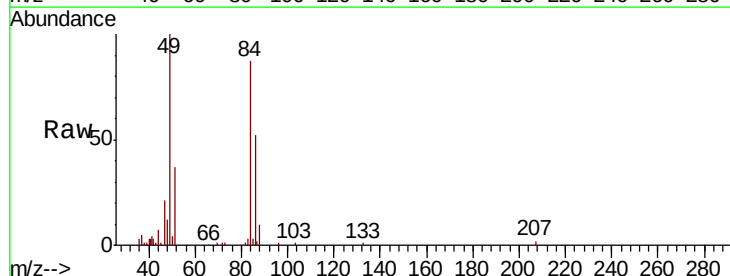
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

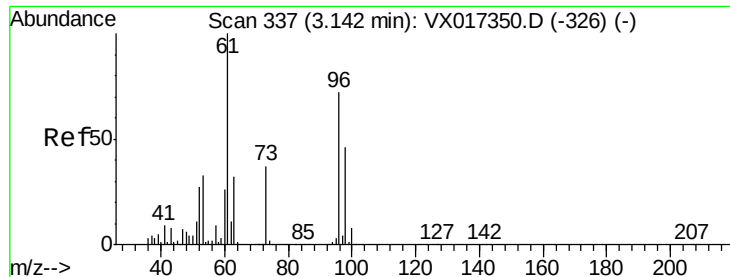
Tot Ion: 73 Resp: 50409
Ion Ratio Lower Upper
73 100
57 22.1 17.5 26.3



#20
Methylene Chloride
Concen: 5.273 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion: 84 Resp: 17947
Ion Ratio Lower Upper
84 100
49 114.4 95.8 143.8
51 41.9 31.0 46.4
86 59.5 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 5.146 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

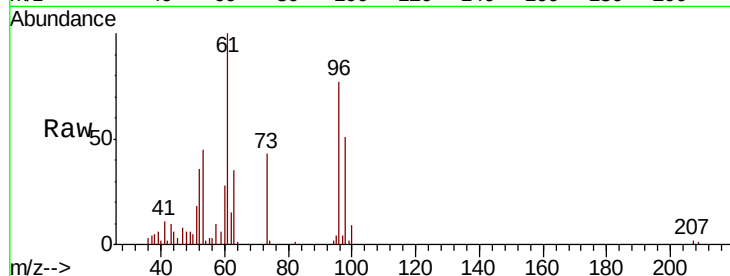
Tot Ion: 96 Resp: 16695

Ion Ratio Lower Upper

96 100

61 130.0 111.1 166.7

98 66.6 51.4 77.0

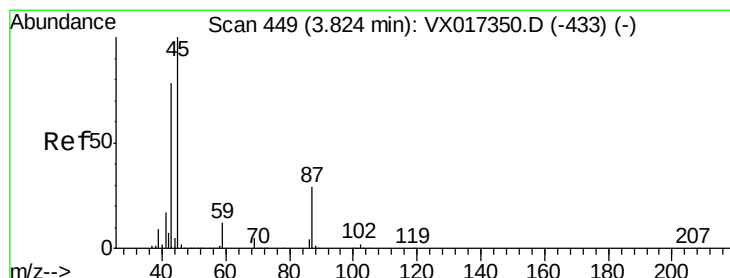
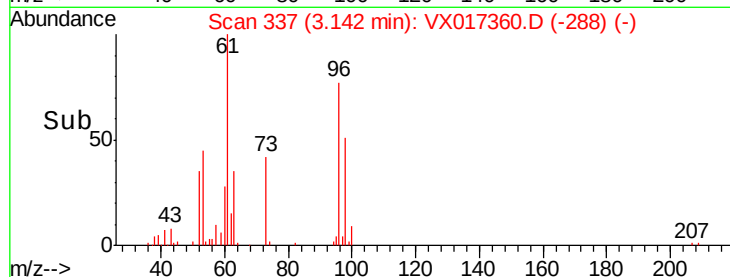
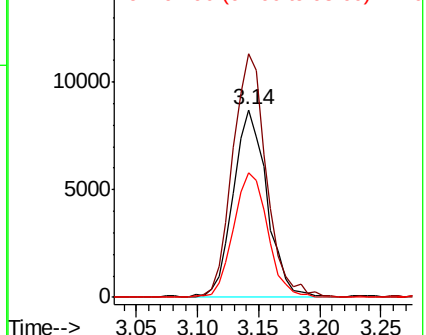


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.532 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Tgt Ion: 45 Resp: 51768

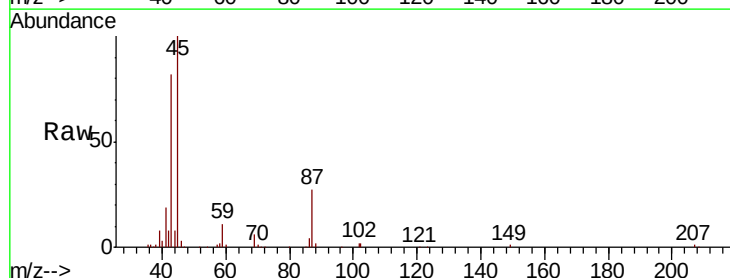
Ion Ratio Lower Upper

45 100

43 80.7 62.2 93.2

87 27.2 23.0 34.6

59 11.3 9.6 14.4



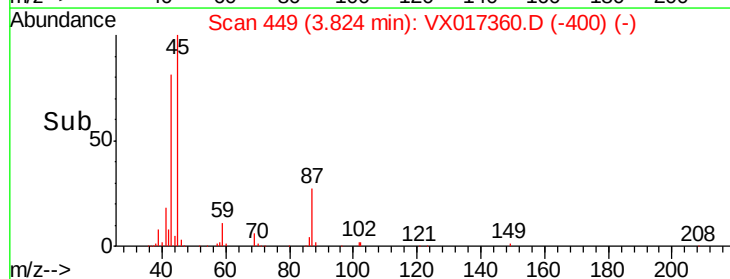
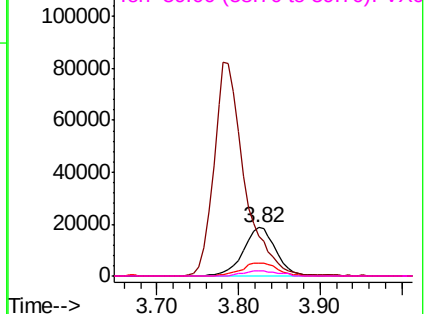
Abundance

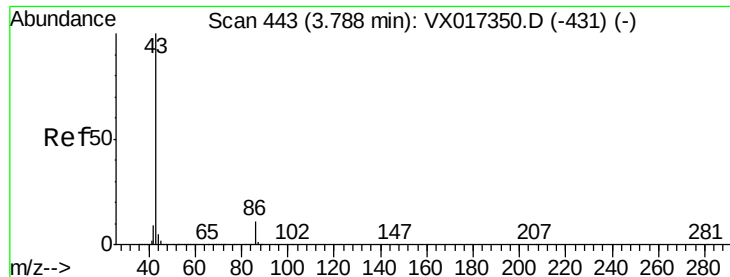
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 26.160 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

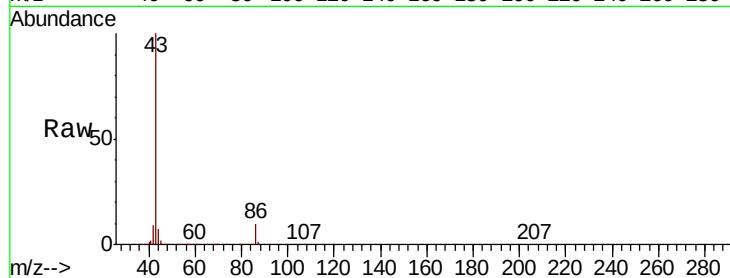
LOQ-WATER-02-QT3-2020

Tot Ion: 43 Resp: 215314

Ion Ratio Lower Upper

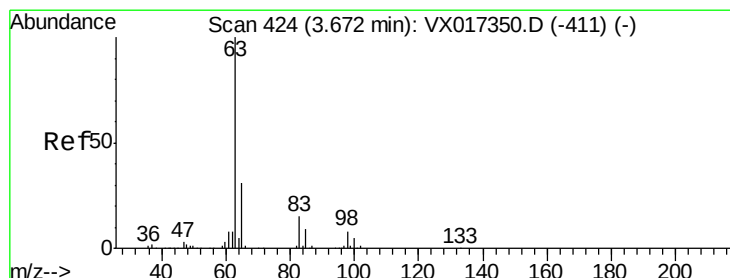
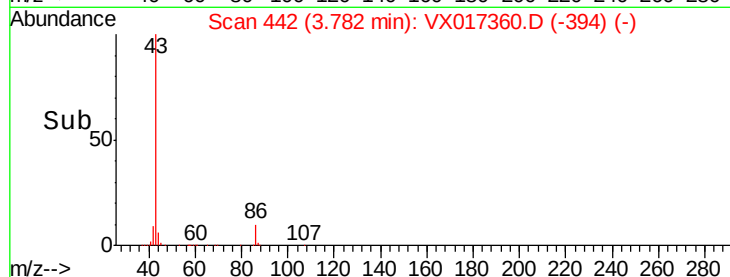
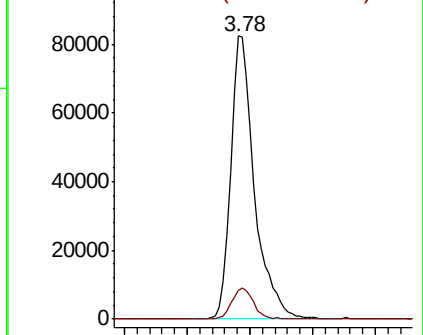
43 100

86 10.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.378 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

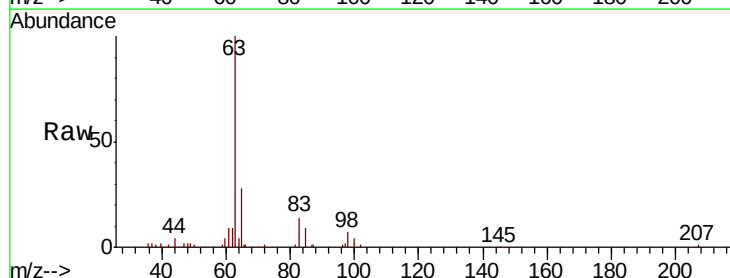
Tgt Ion: 63 Resp: 29581

Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

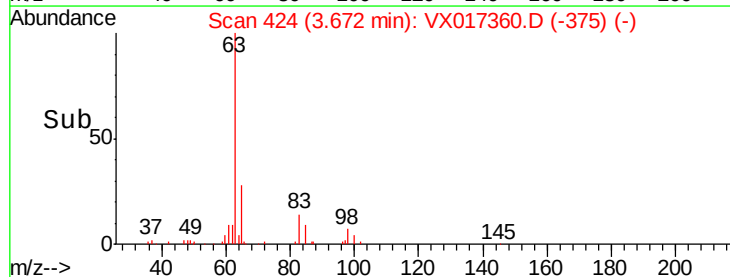
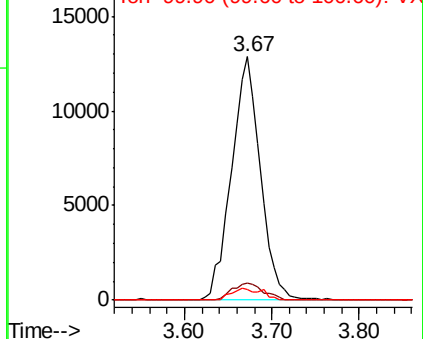
100 4.4 2.5 7.5

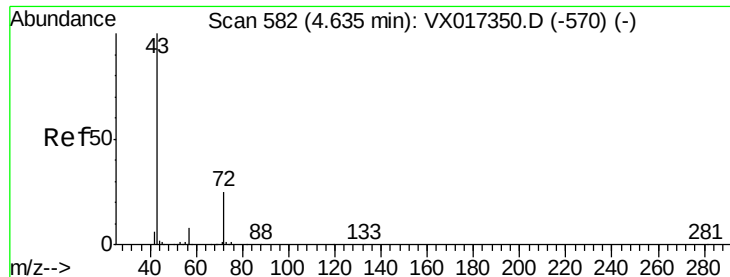


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.955 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

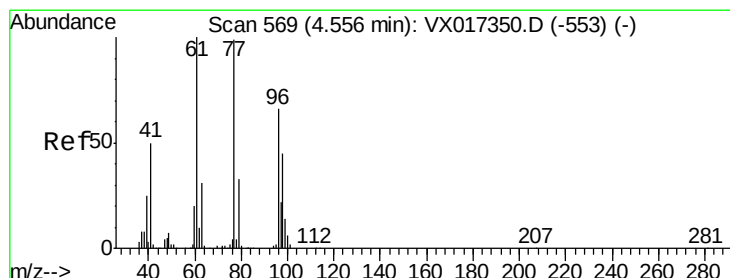
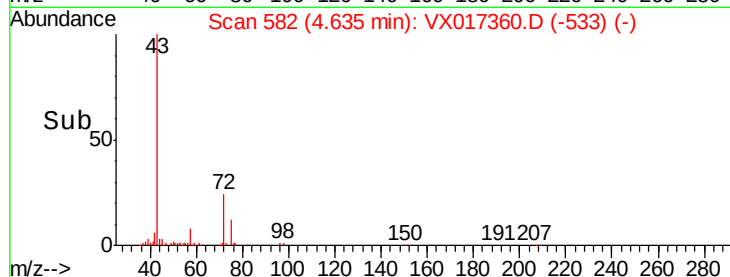
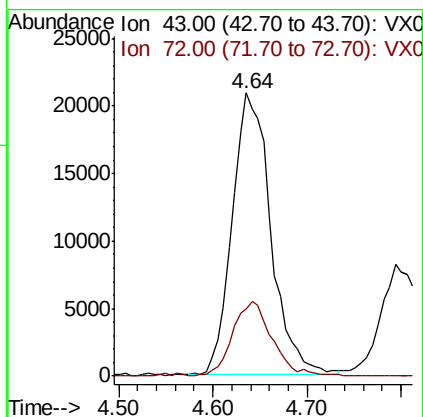
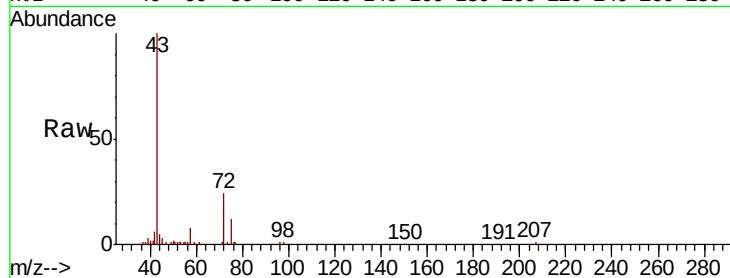
LOQ-WATER-02-QT3-2020

Tot Ion: 43 Resp: 59726

Ion Ratio Lower Upper

43 100

72 23.7 20.4 30.6



#26

2,2-Dichloropropane

Concen: 5.027 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX017360.D

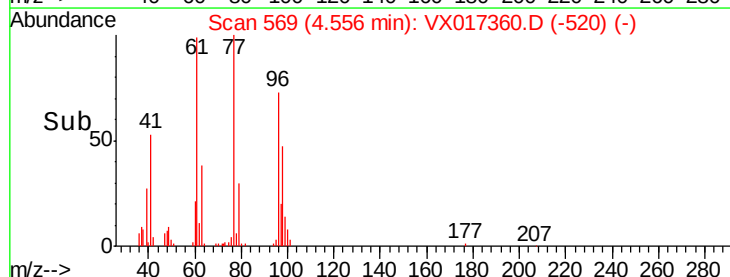
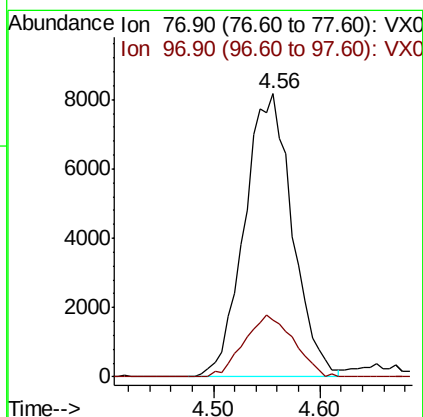
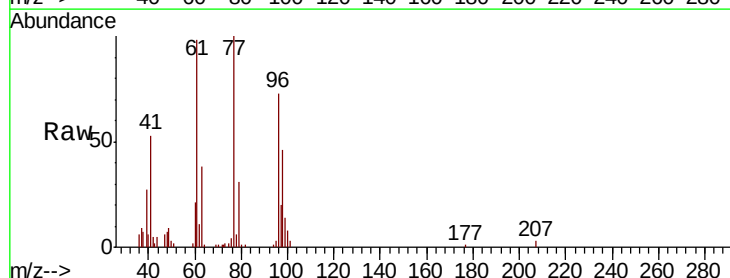
Acq: 13 Jul 2020 17:59

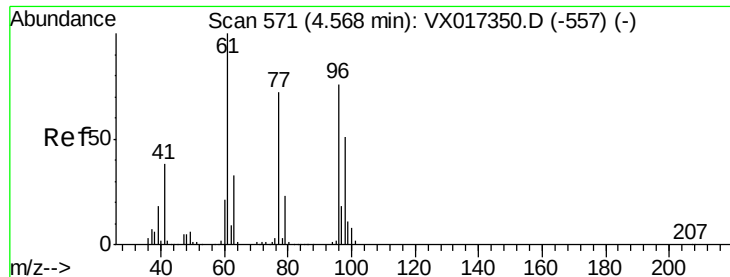
Tgt Ion: 77 Resp: 25730

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.3



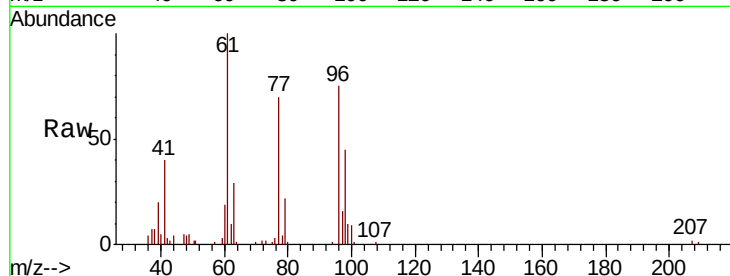


#27

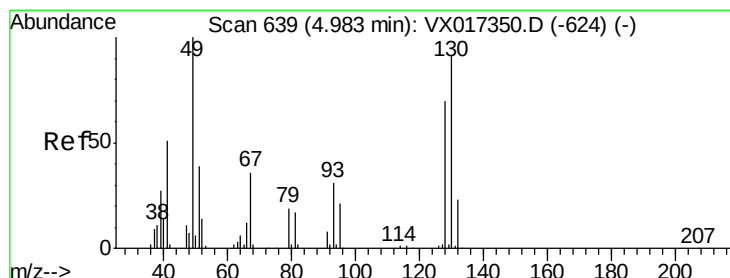
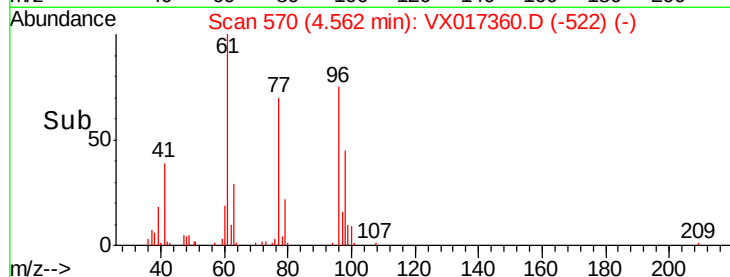
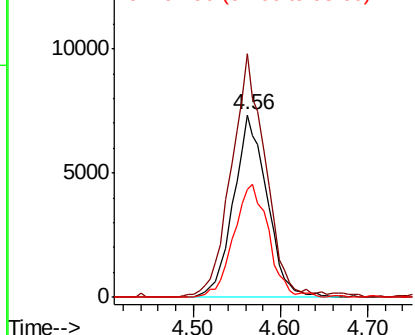
cis-1,2-Dichloroethene
Concen: 5.505 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	281.2
98	64.7	0.0	131.4



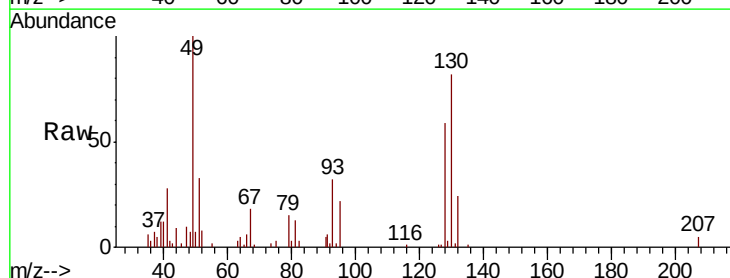
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



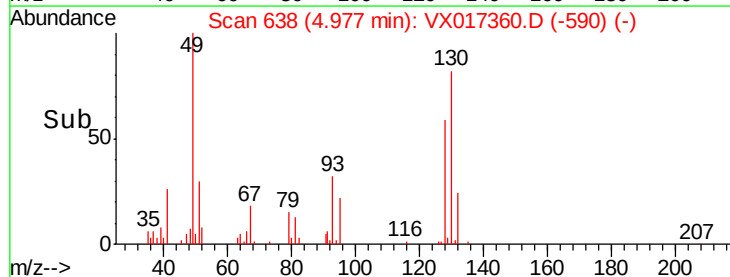
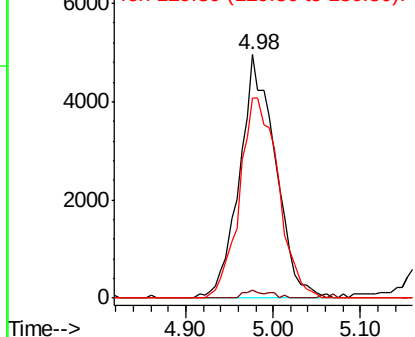
#28

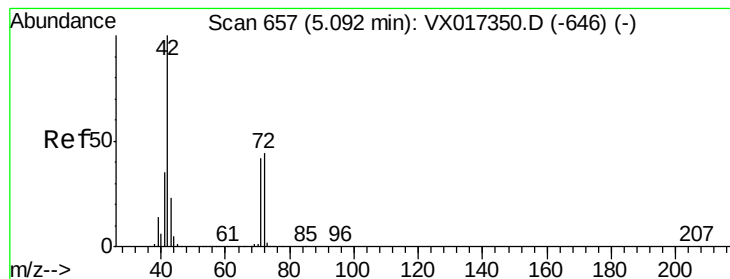
Bromochloromethane
Concen: 5.587 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	88.4	71.1	106.7



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





#29

Tetrahydrofuran

Concen: 26.157 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

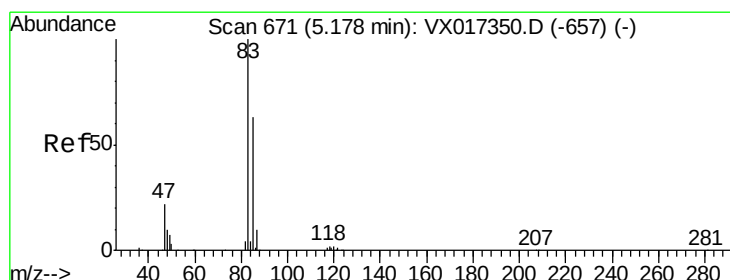
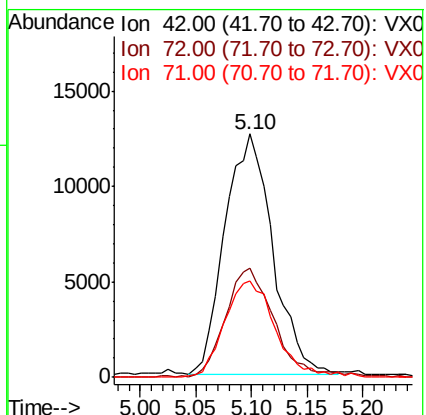
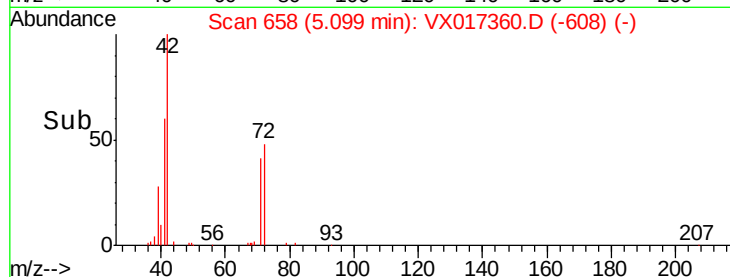
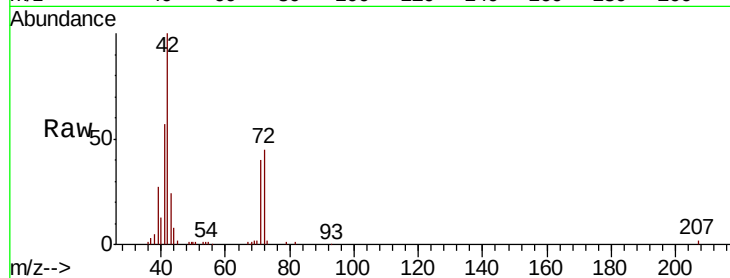
Tot Ion: 42 Resp: 37518

Ion Ratio Lower Upper

42 100

72 46.8 37.2 55.8

71 42.8 34.4 51.6



#30

Chloroform

Concen: 5.298 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX017360.D

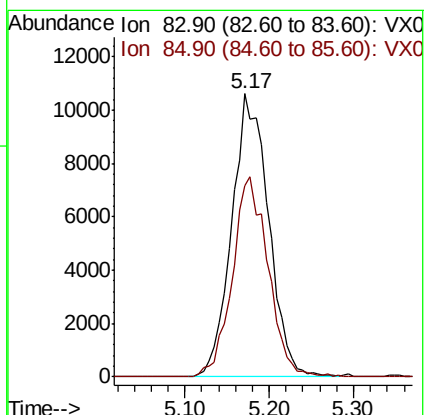
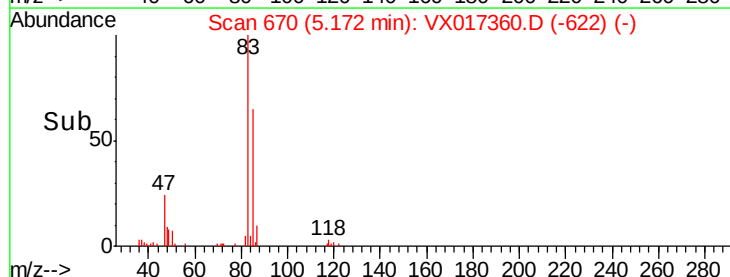
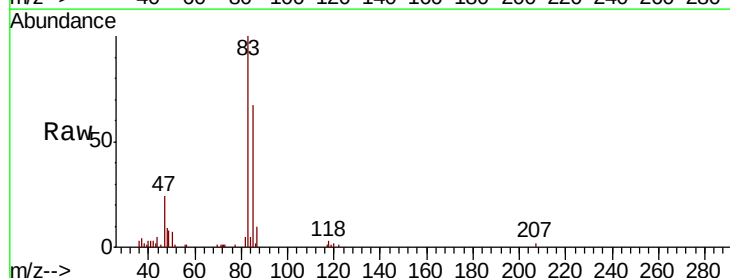
Acq: 13 Jul 2020 17:59

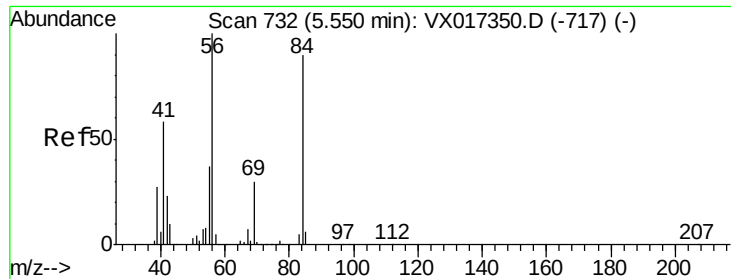
Tgt Ion: 83 Resp: 31352

Ion Ratio Lower Upper

83 100

85 67.5 50.2 75.4

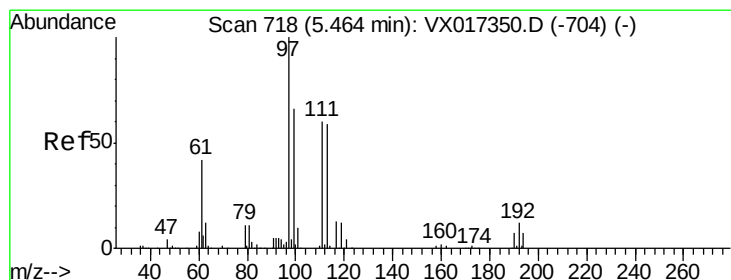
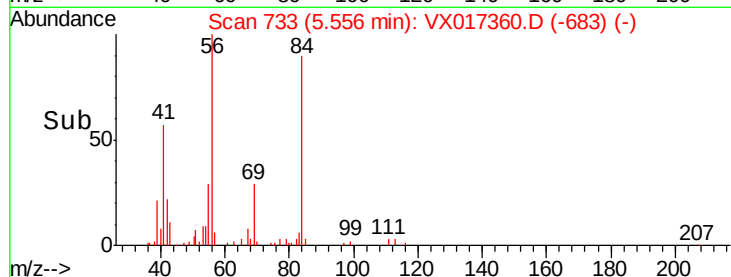
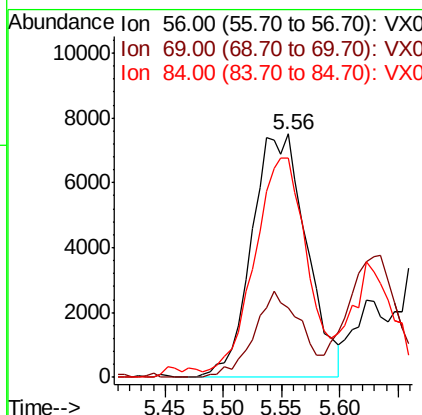
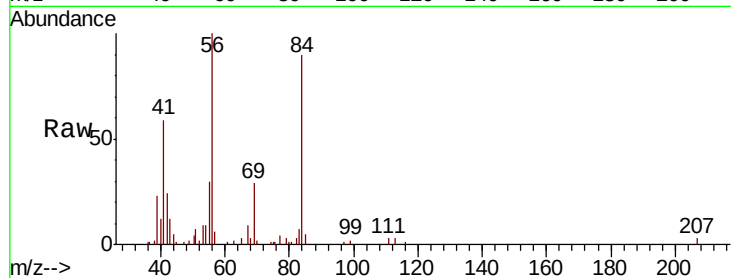




#31
Cyclohexane
Concen: 5.447 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

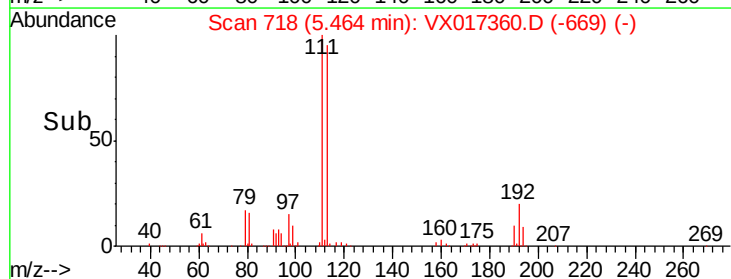
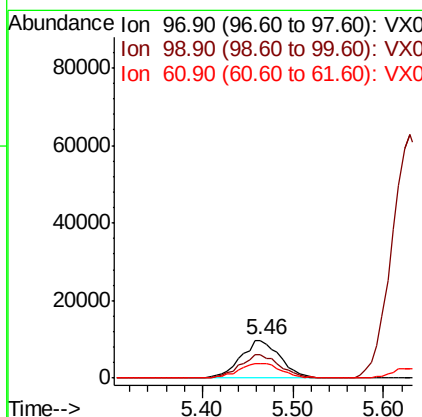
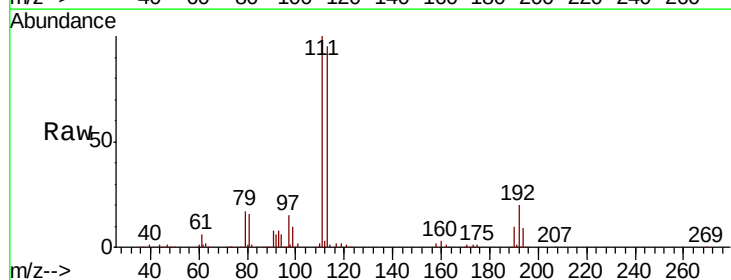
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

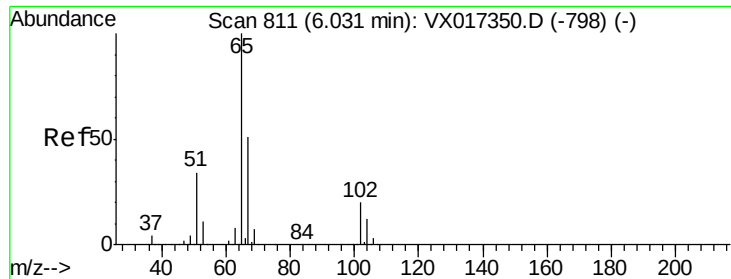
Tot Ion: 56 Resp: 24527
Ion Ratio Lower Upper
56 100
69 27.5 23.7 35.5
84 86.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 5.350 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion: 97 Resp: 29268
Ion Ratio Lower Upper
97 100
99 62.6 51.2 76.8
61 42.1 32.7 49.1

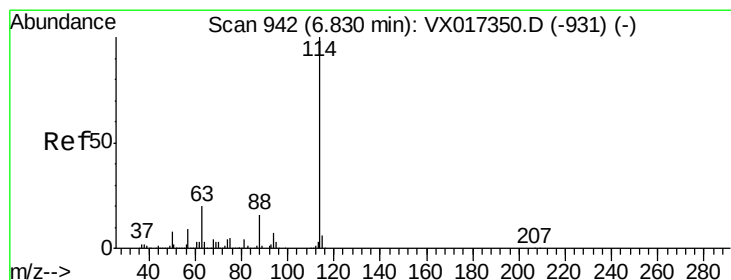
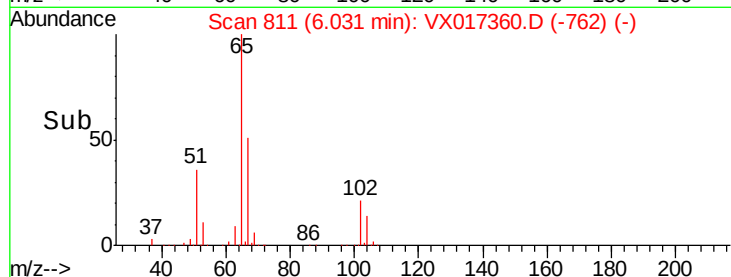
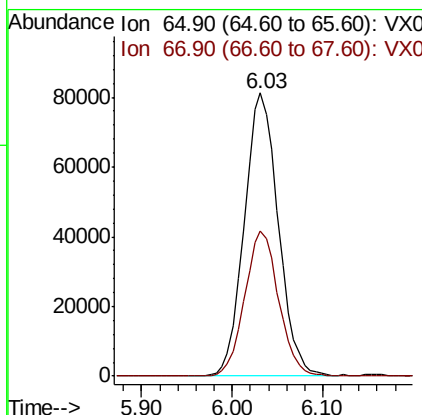
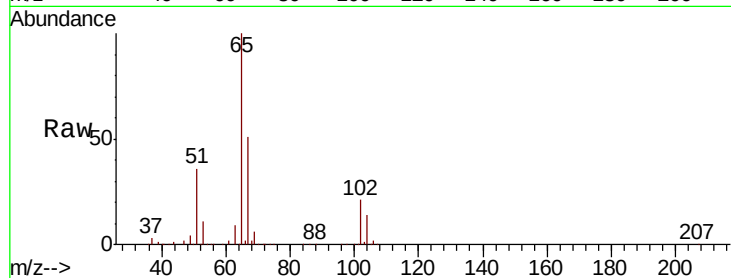




#33
 1,2-Dichloroethane-d4
 Concen: 53.917 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017360.D
 Acq: 13 Jul 2020 17:59

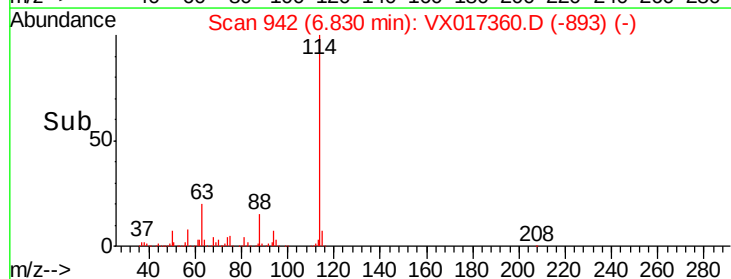
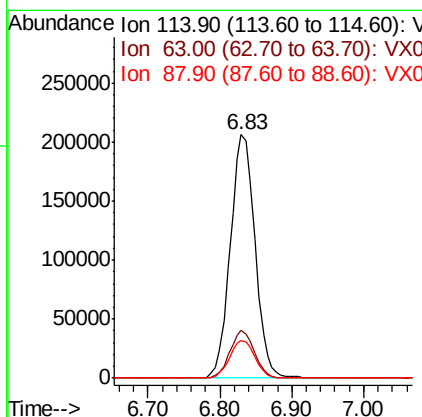
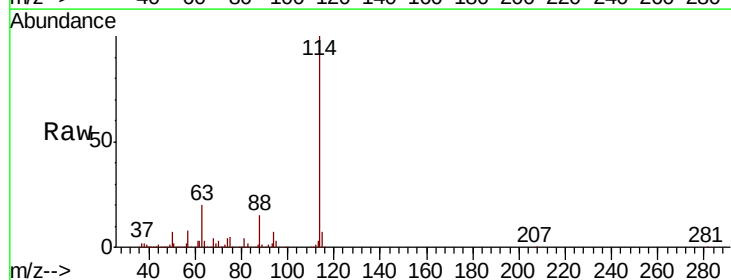
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

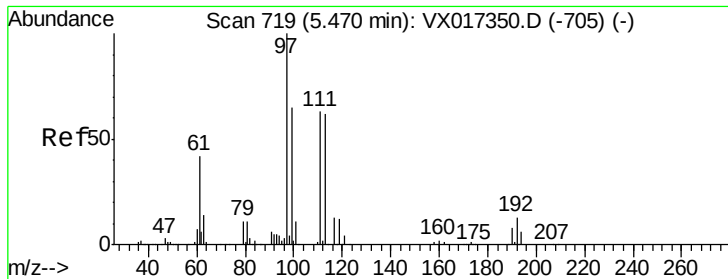
Tot Ion: 65 Resp: 210840
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017360.D
 Acq: 13 Jul 2020 17:59

Tgt Ion: 114 Resp: 492621
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.040 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

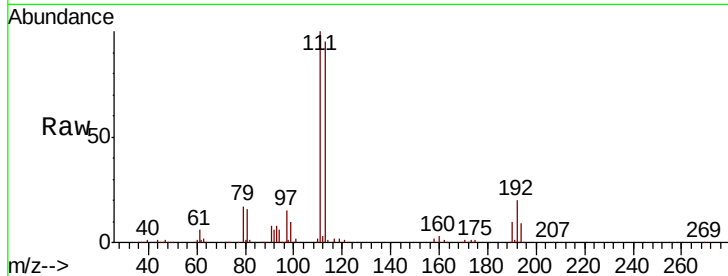
Tot Ion:113 Resp: 172688

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

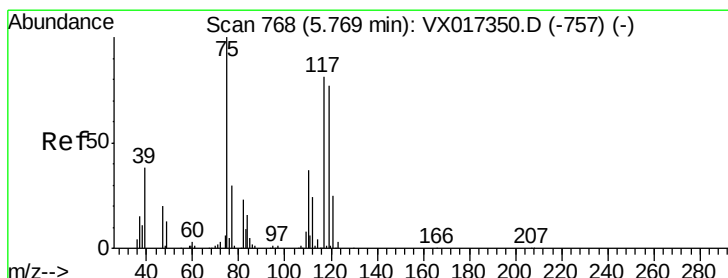
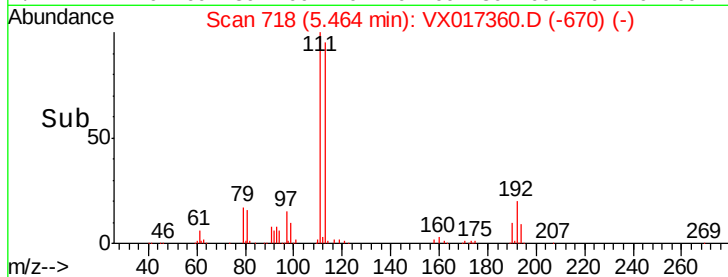
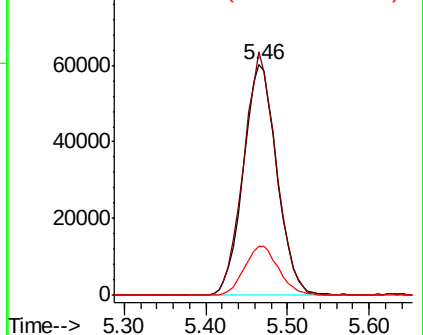
192 21.8 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.055 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

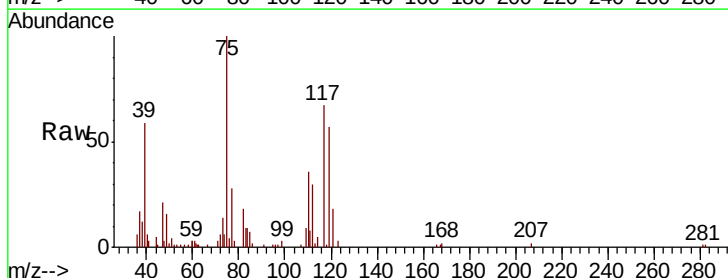
Tgt Ion: 75 Resp: 22903

Ion Ratio Lower Upper

75 100

110 36.1 18.6 55.8

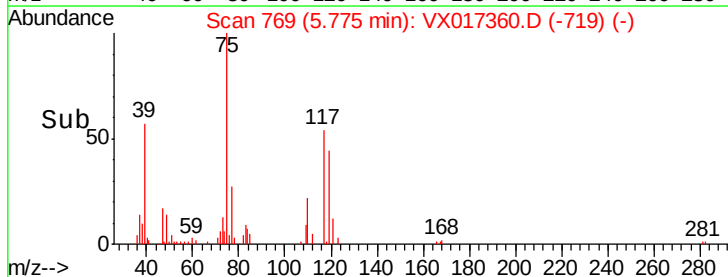
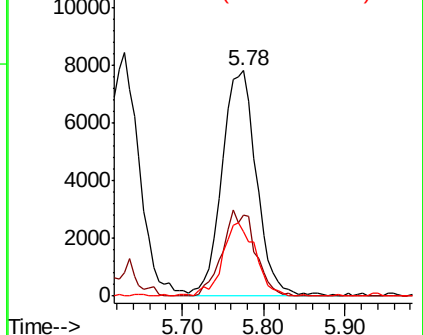
77 31.2 24.9 37.3

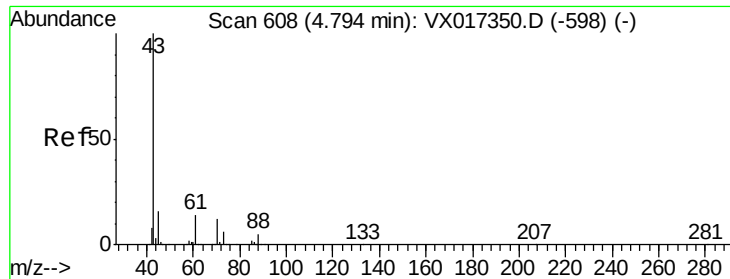


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

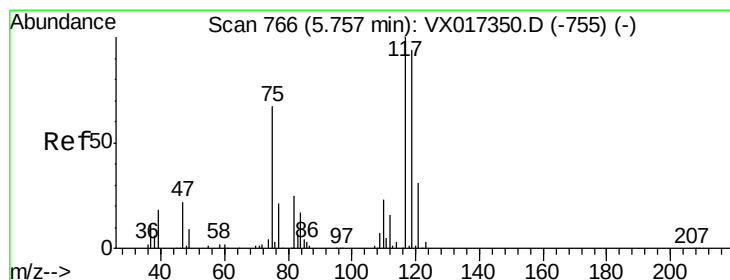
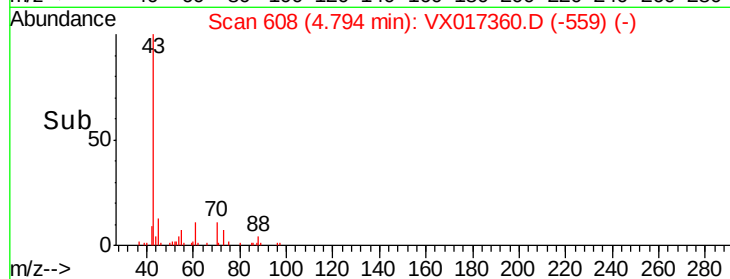
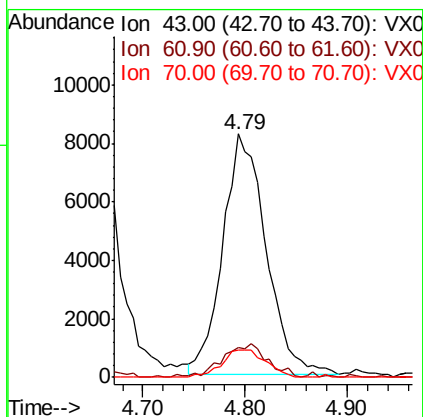
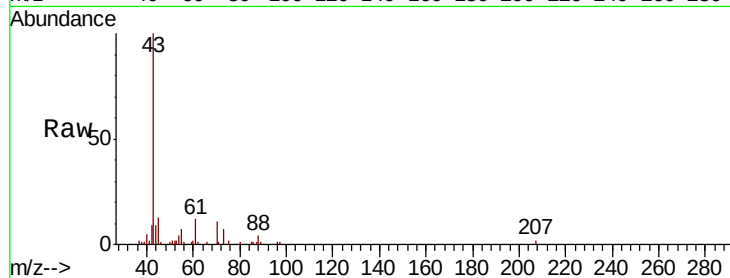




#37
Ethyl Acetate
Concen: 5.170 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

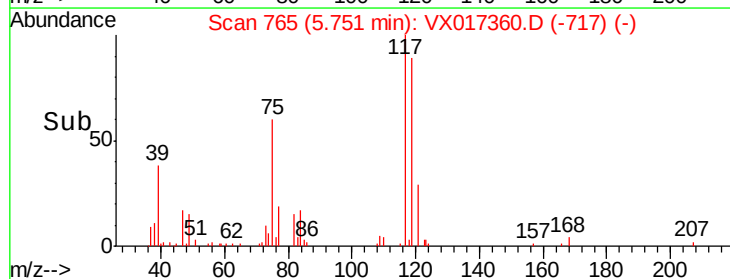
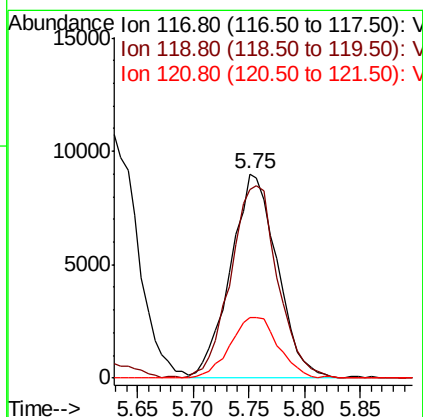
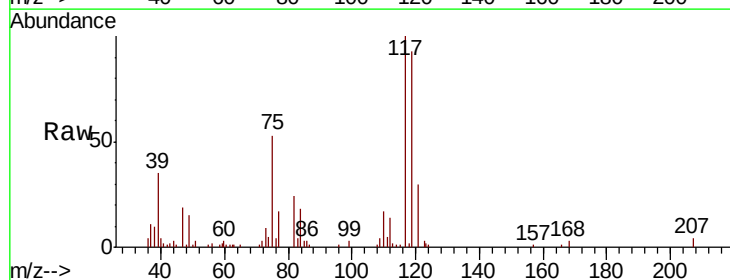
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

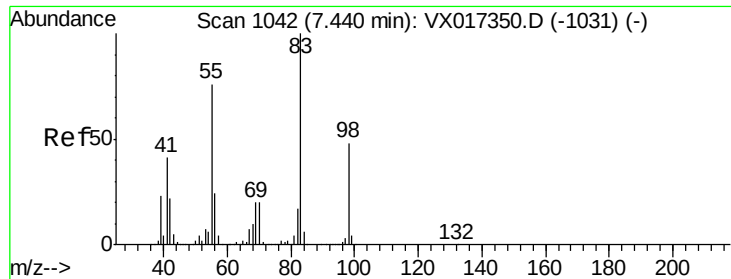
Tot Ion: 43 Resp: 24229
Ion Ratio Lower Upper
43 100
61 14.6 10.7 16.1
70 11.6 9.0 13.6



#38
Carbon Tetrachloride
Concen: 4.955 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion: 117 Resp: 26286
Ion Ratio Lower Upper
117 100
119 92.7 74.7 112.1
121 29.8 24.5 36.7

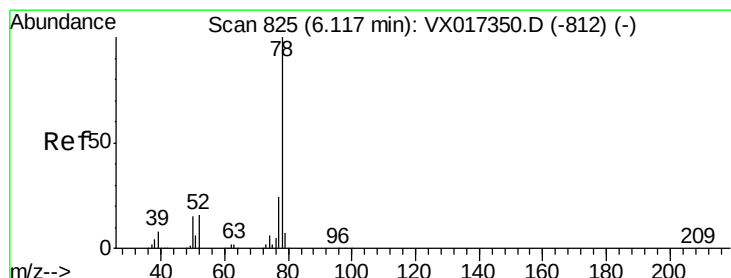
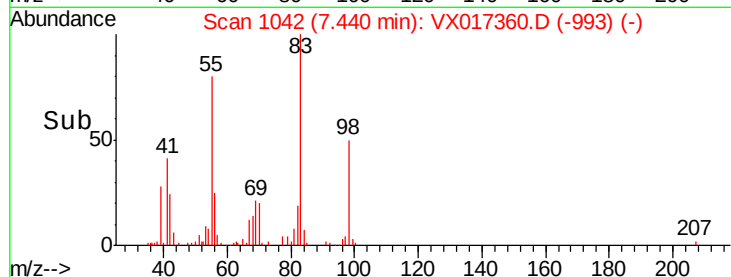
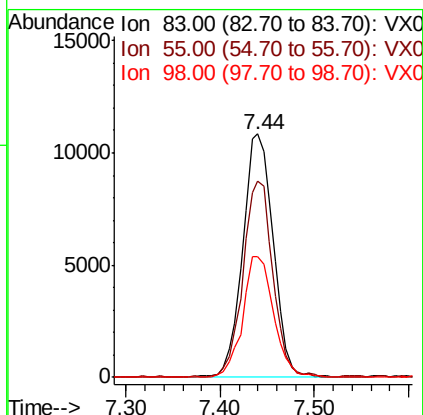
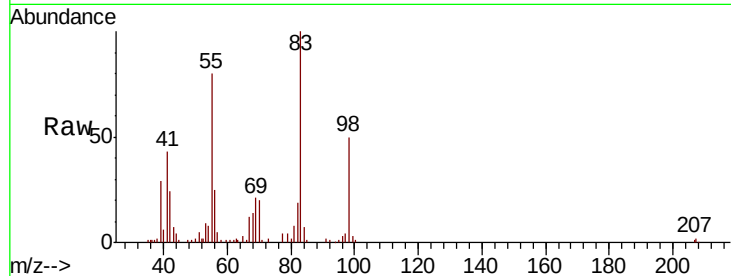




#39
Methylvlcyclohexane
Concen: 4.957 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

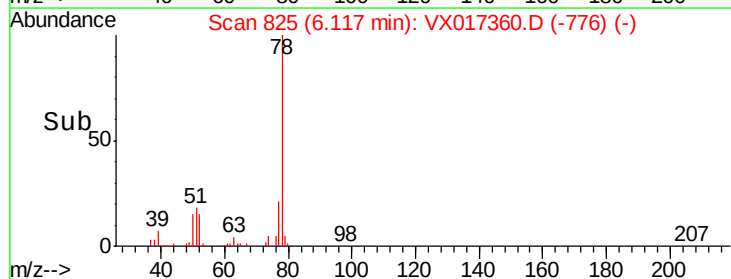
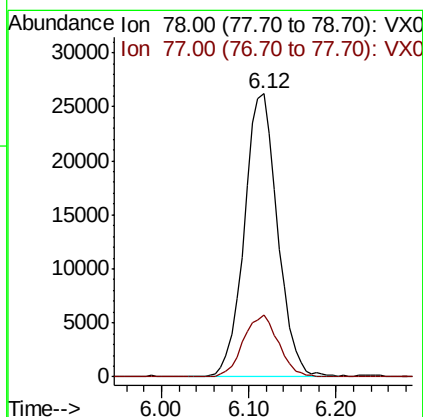
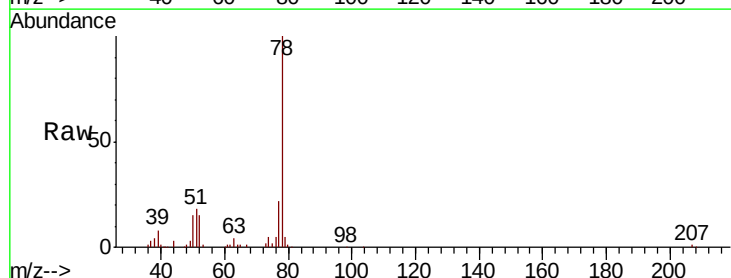
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

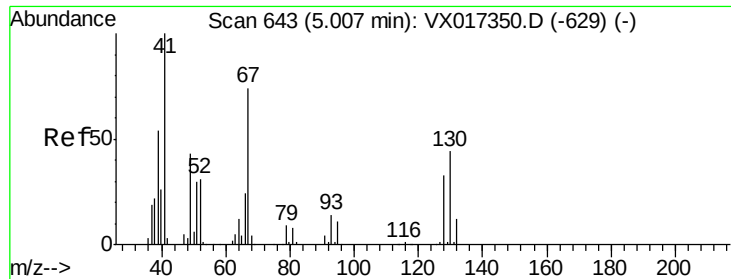
Tot Ion: 83 Resp: 24392
Ion Ratio Lower Upper
83 100
55 80.4 61.2 91.8
98 49.7 38.1 57.1



#40
Benzene
Concen: 5.311 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion: 78 Resp: 69162
Ion Ratio Lower Upper
78 100
77 21.8 18.9 28.3

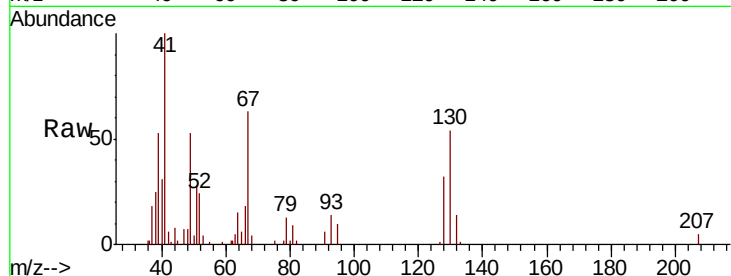




#41
Methacrylonitrile
Concen: 5.271 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:	41	Resp:	13259
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.8	65.8
67	70.5	58.7	88.1
52	33.0	24.9	37.3



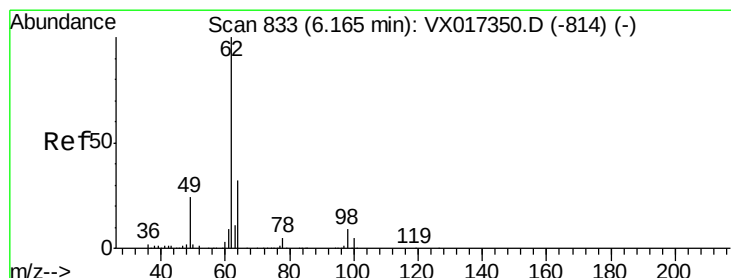
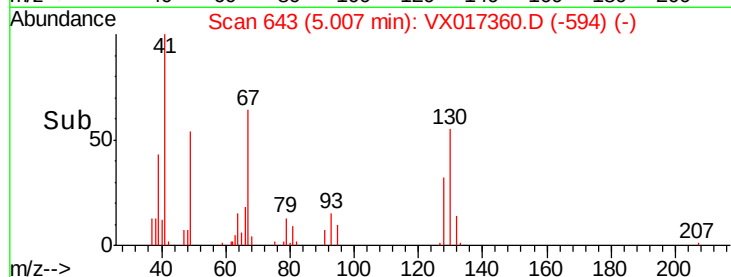
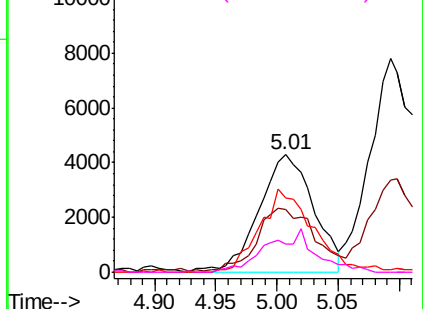
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

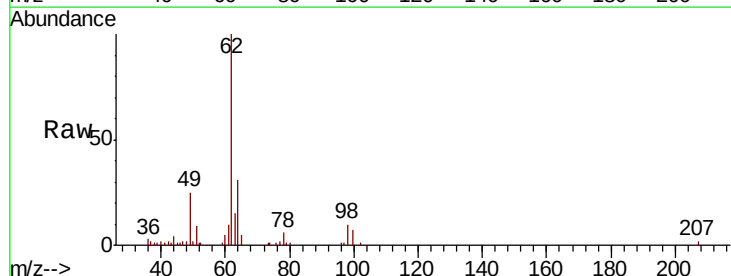
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 5.278 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

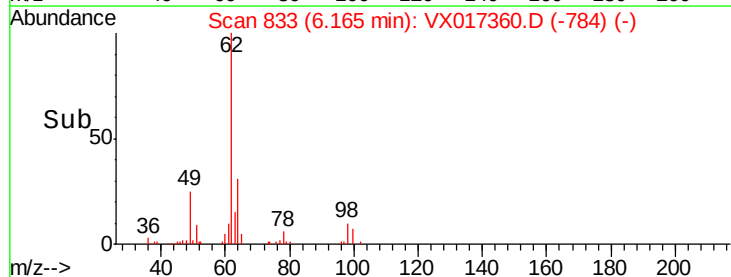
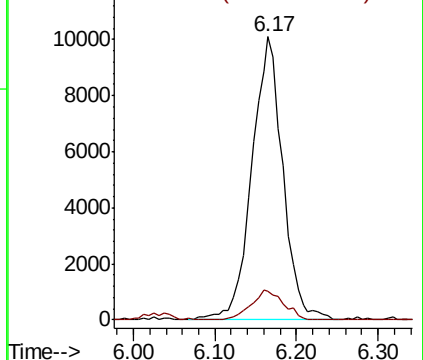
Tgt Ion:	62	Resp:	26705
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	19.4

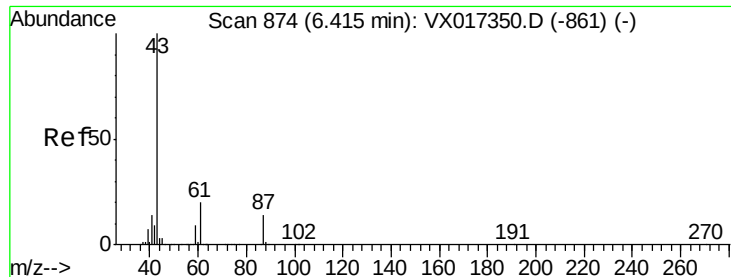


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.909 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

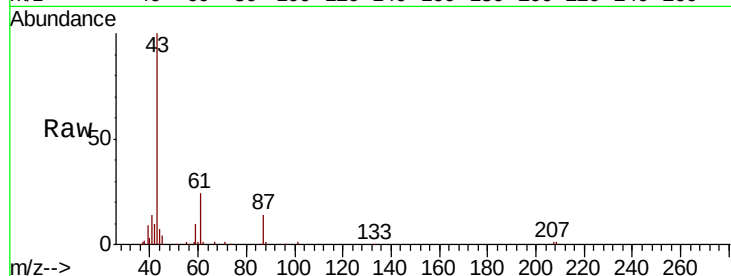
Tot Ion: 43 Resp: 36759

Ion Ratio Lower Upper

43 100

61 22.0 16.4 24.6

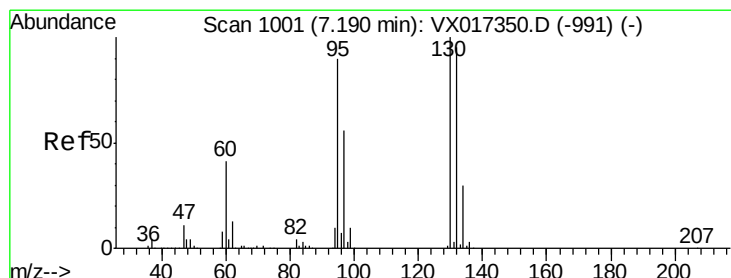
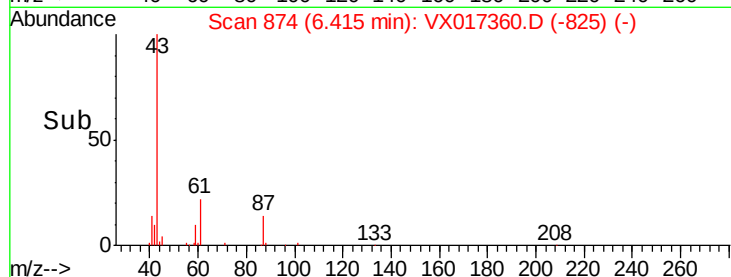
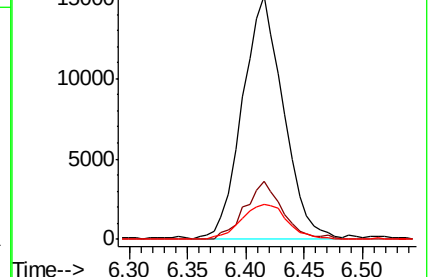
87 16.1 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX017350.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX017350.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX017350.D (-861) (-)



#44

Trichloroethene

Concen: 5.295 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017360.D

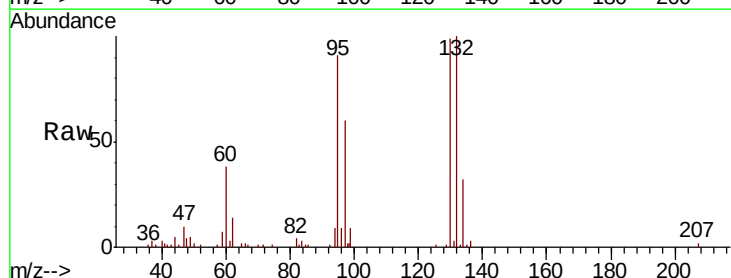
Acq: 13 Jul 2020 17:59

Tgt Ion:130 Resp: 21061

Ion Ratio Lower Upper

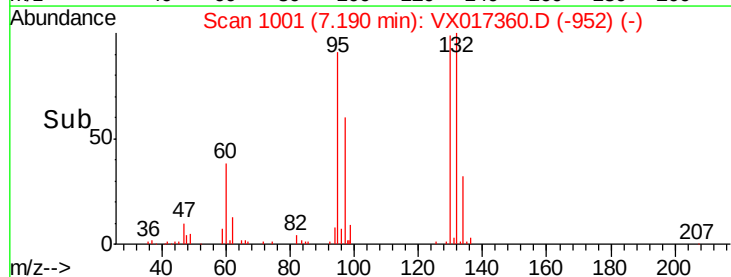
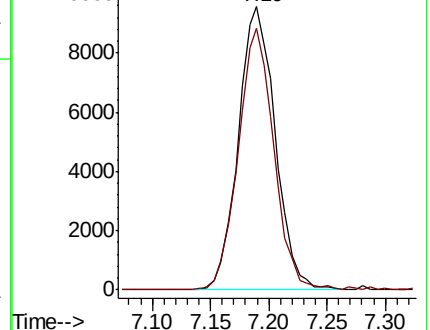
130 100

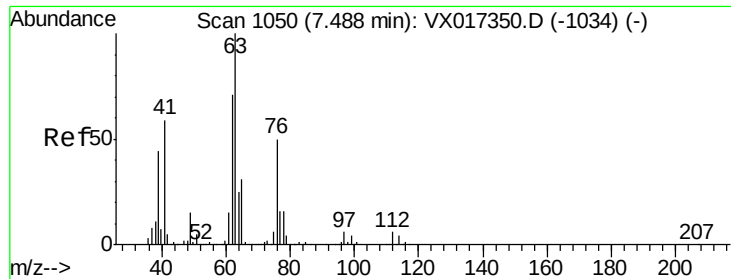
95 92.2 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): VX017350.D (-991) (-)

Ion 94.90 (94.60 to 95.60): VX017350.D (-991) (-)





#45

1,2-Dichloropropane

Concen: 5.316 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

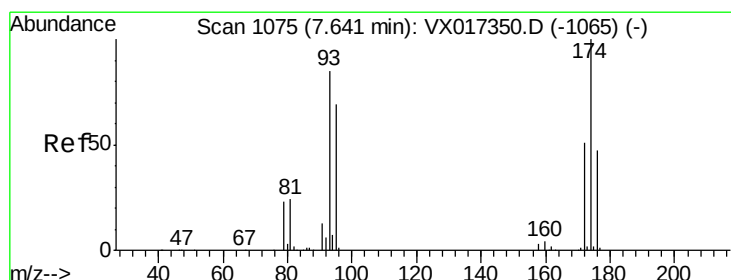
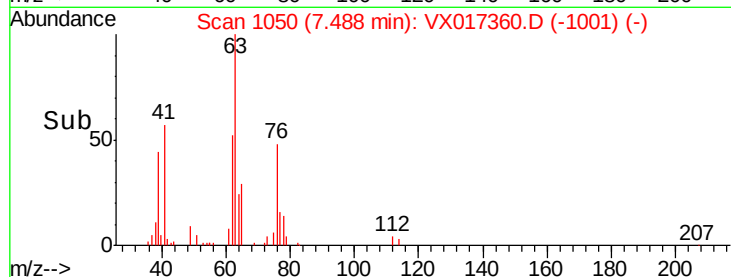
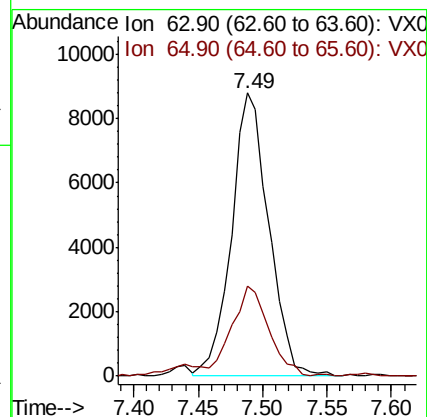
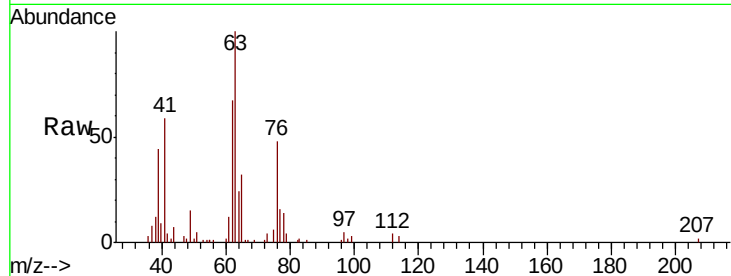
LOQ-WATER-02-QT3-2020

Tot Ion: 63 Resp: 17714

Ion Ratio Lower Upper

63 100

65 31.9 24.5 36.7



#46

Dibromomethane

Concen: 5.192 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

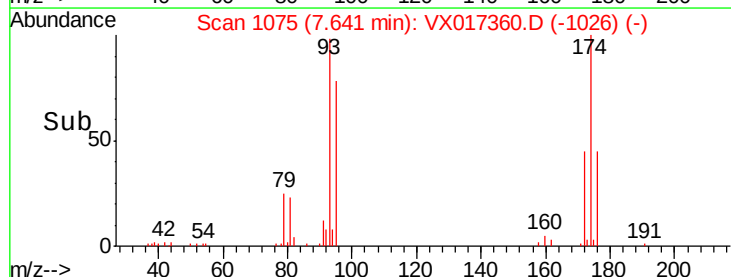
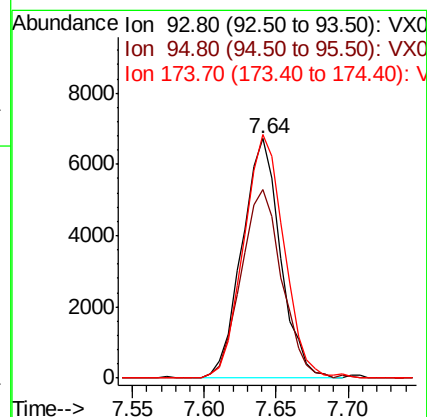
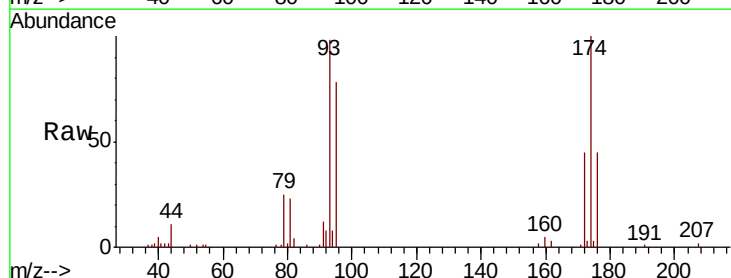
Tgt Ion: 93 Resp: 12476

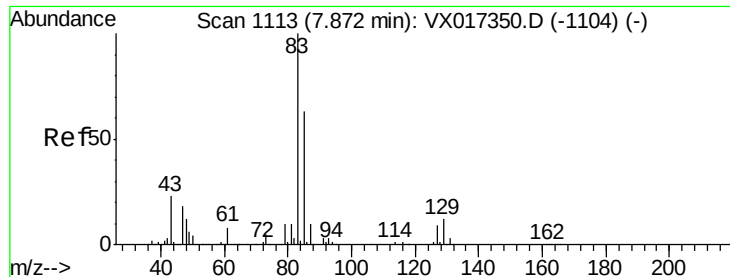
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.2

174 106.6 91.2 136.8





#47

Bromodichloromethane

Concen: 4.971 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

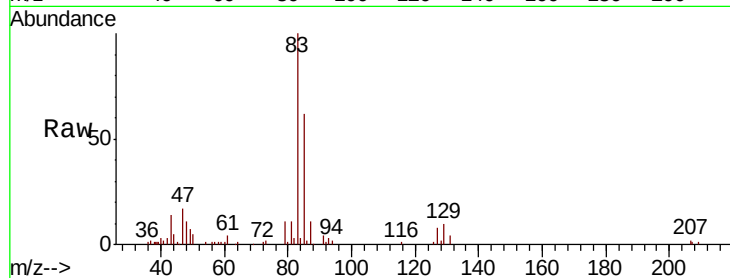
Tot Ion: 83 Resp: 24975

Ion Ratio Lower Upper

83 100

85 61.8 50.2 75.4

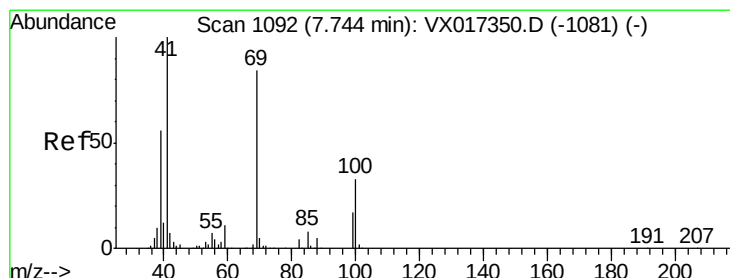
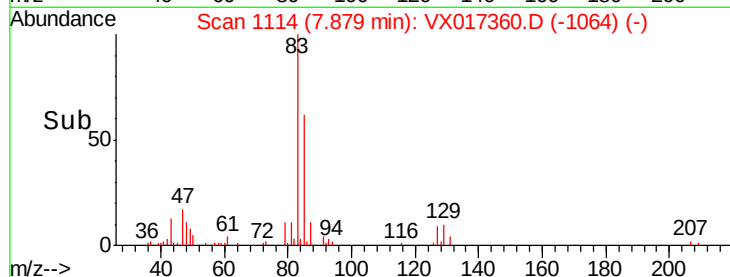
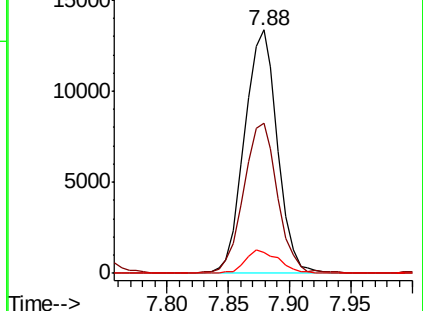
127 8.5 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.257 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

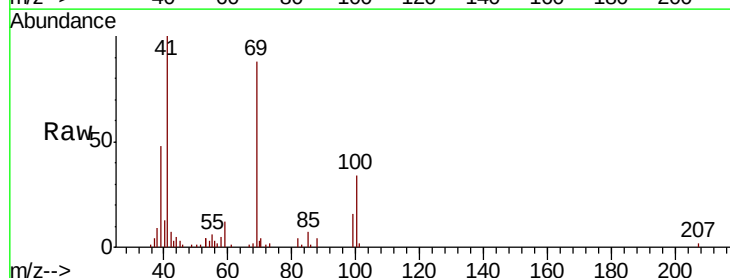
Tgt Ion: 41 Resp: 18889

Ion Ratio Lower Upper

41 100

69 80.7 67.8 101.6

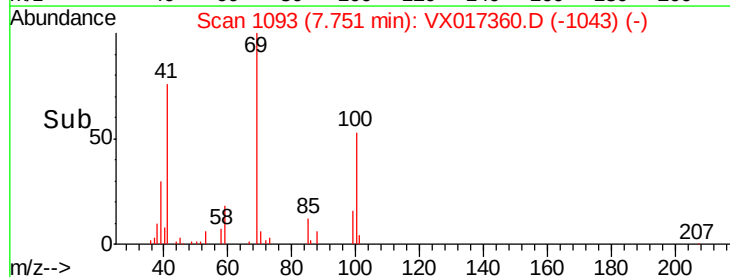
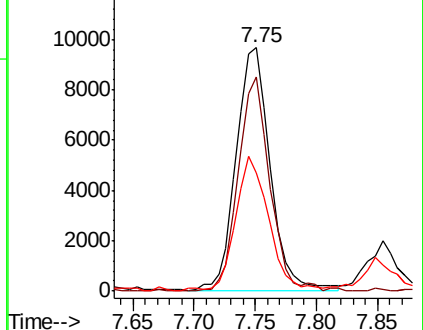
39 53.9 45.1 67.7

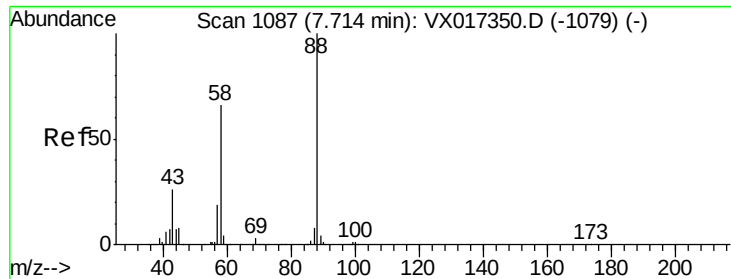


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

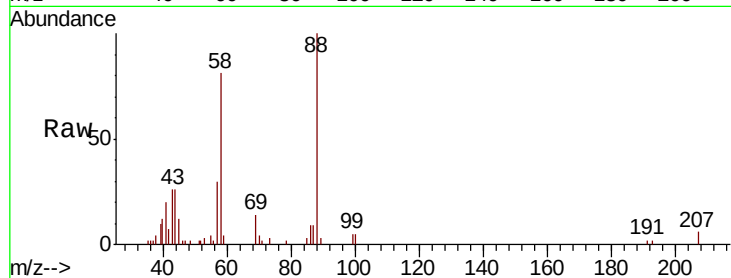




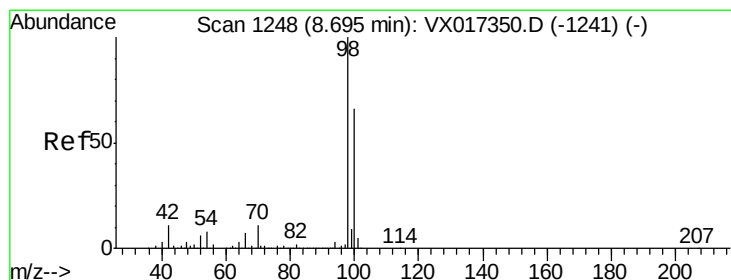
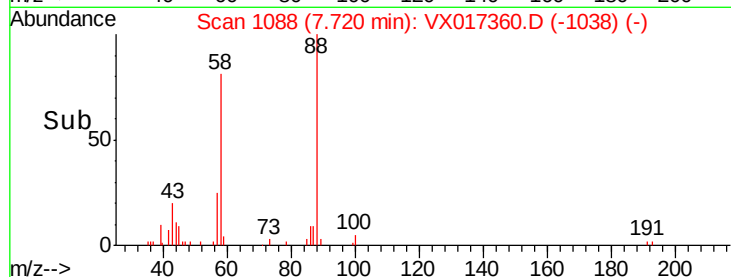
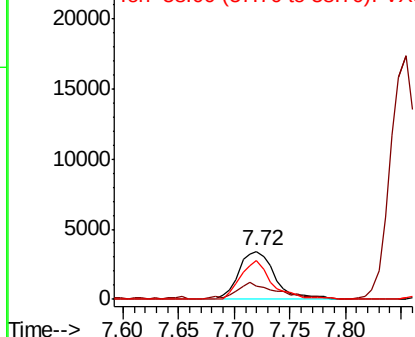
#49
1,4-Dioxane
Concen: 105.055 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion: 88 Resp: 7725
Ion Ratio Lower Upper
88 100
43 40.7 25.6 38.4#
58 70.4 53.9 80.9

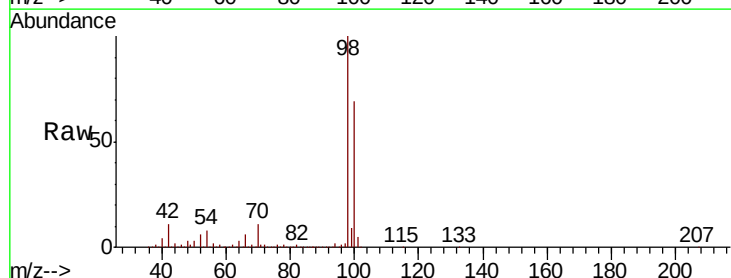


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

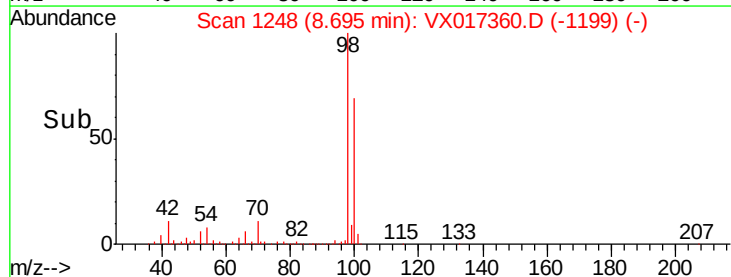
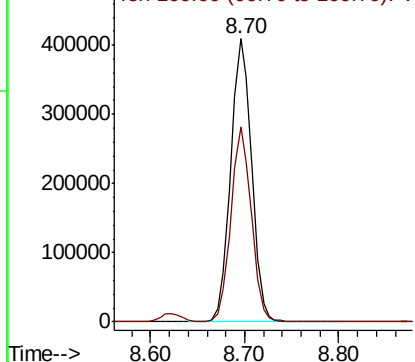


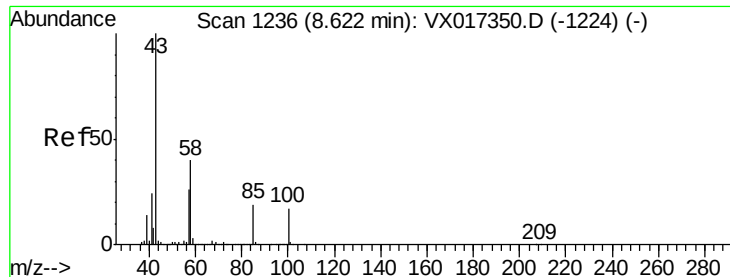
#50
Toluene-d8
Concen: 52.634 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion: 98 Resp: 630021
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 25.313 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

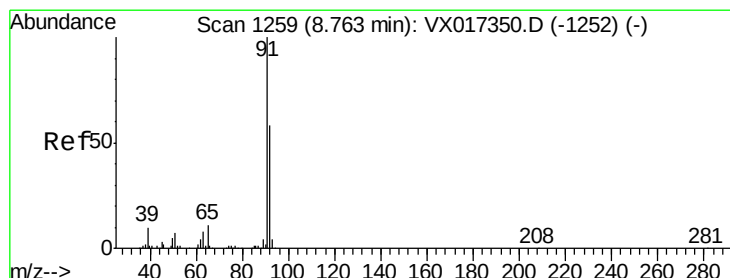
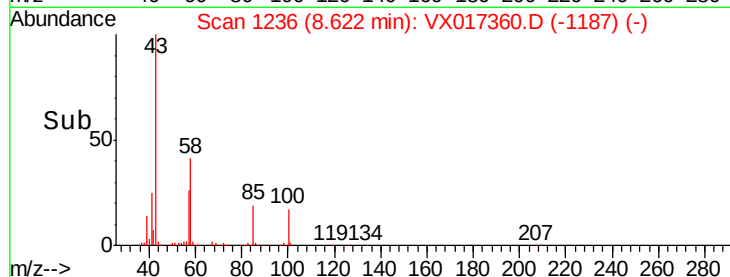
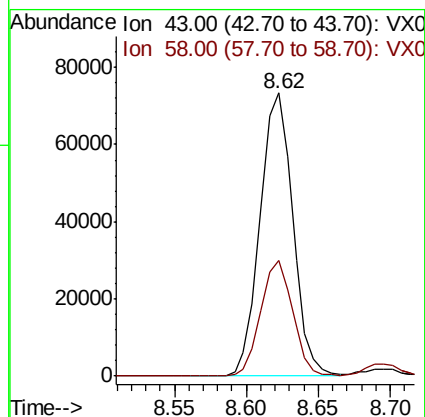
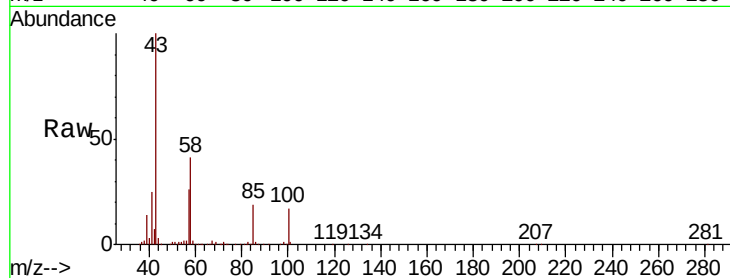
LOQ-WATER-02-QT3-2020

Tot Ion: 43 Resp: 115570

Ion Ratio Lower Upper

43 100

58 39.9 32.2 48.2



#52

Toluene

Concen: 5.201 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017360.D

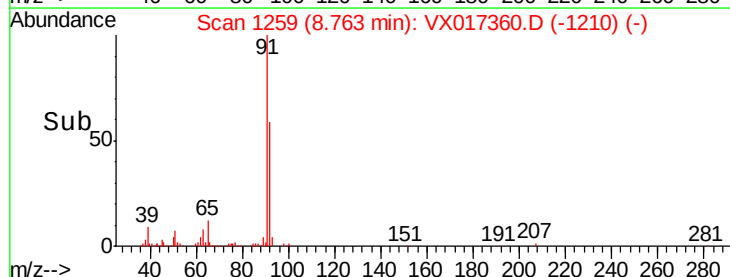
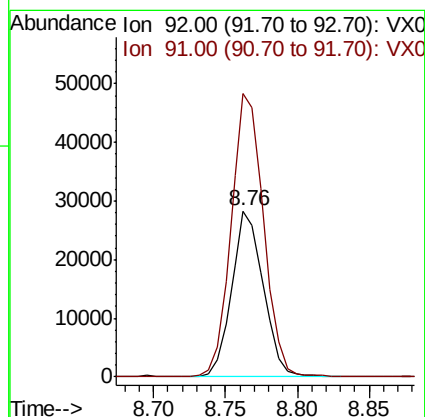
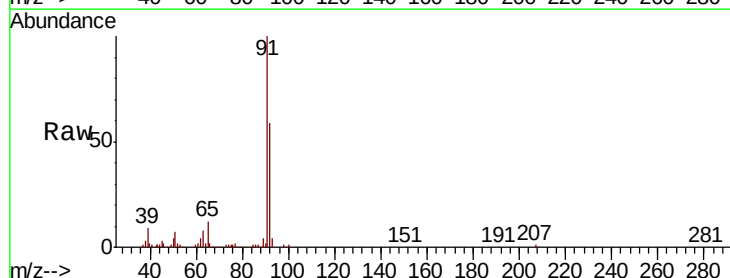
Acq: 13 Jul 2020 17:59

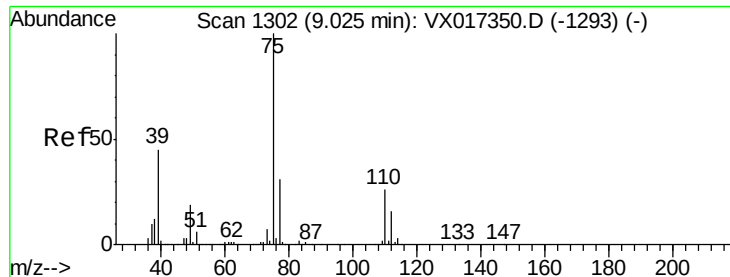
Tgt Ion: 92 Resp: 43462

Ion Ratio Lower Upper

92 100

91 174.7 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 4.902 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

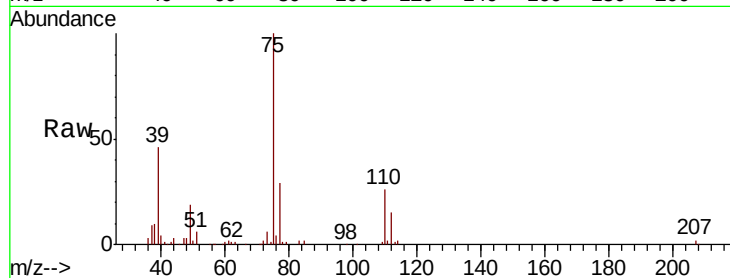
LOQ-WATER-02-QT3-2020

Tot Ion: 75 Resp: 26530

Ion Ratio Lower Upper

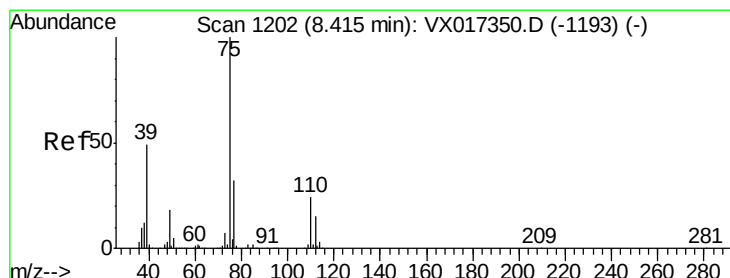
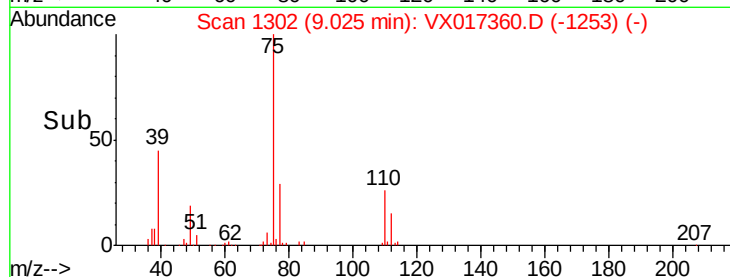
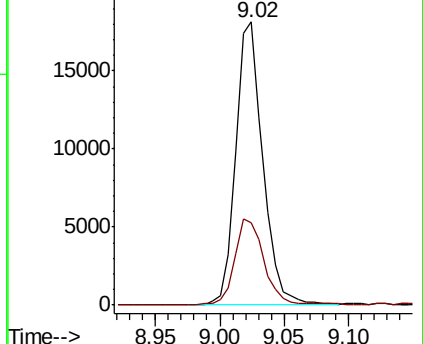
75 100

77 28.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.938 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

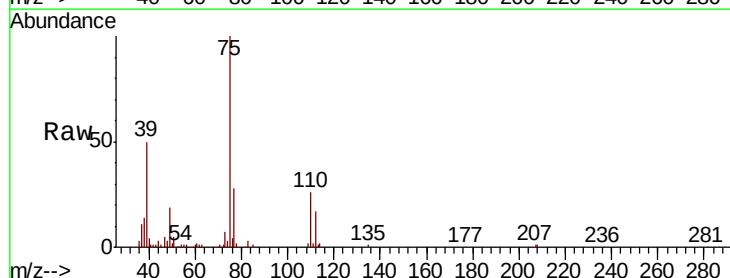
Tgt Ion: 75 Resp: 28504

Ion Ratio Lower Upper

75 100

77 28.2 25.3 37.9

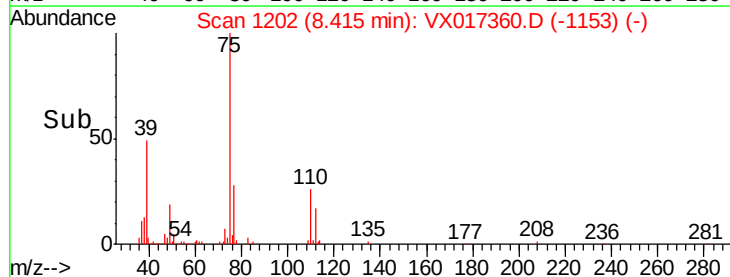
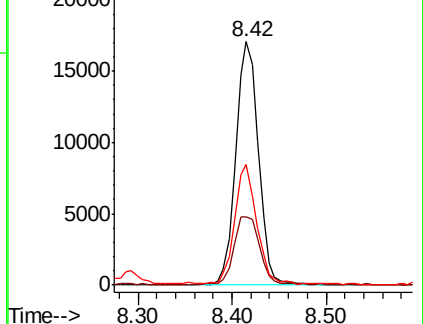
39 49.2 38.9 58.3

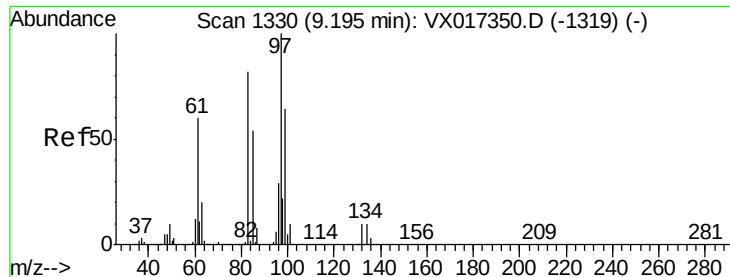


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

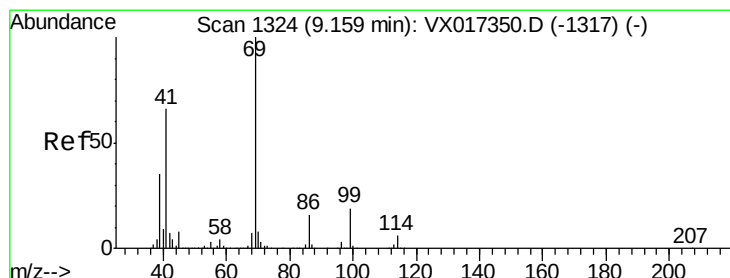
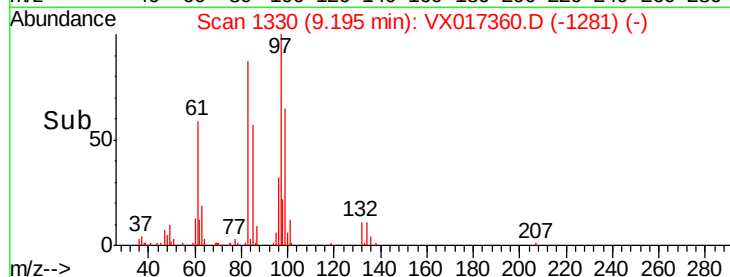
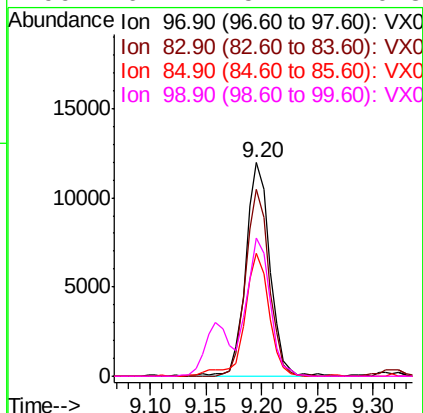
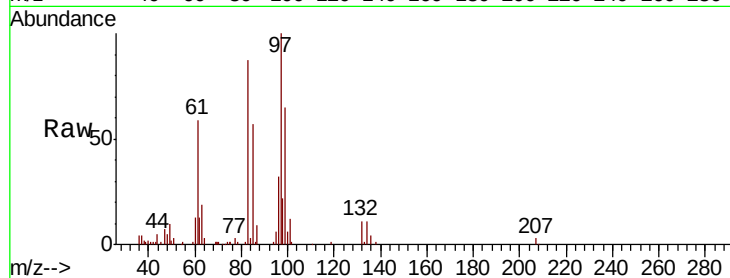




#55
 1,1,2-Trichloroethane
 Concen: 5.194 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017360.D
 Acq: 13 Jul 2020 17:59

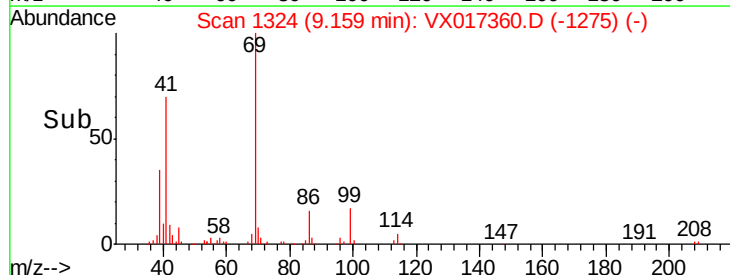
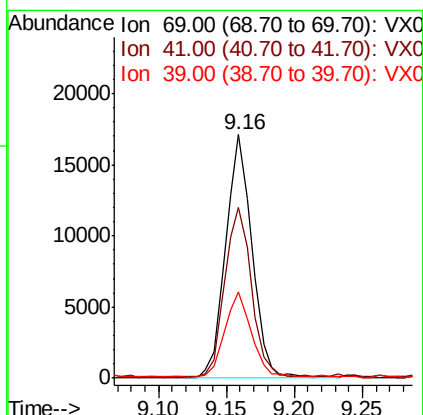
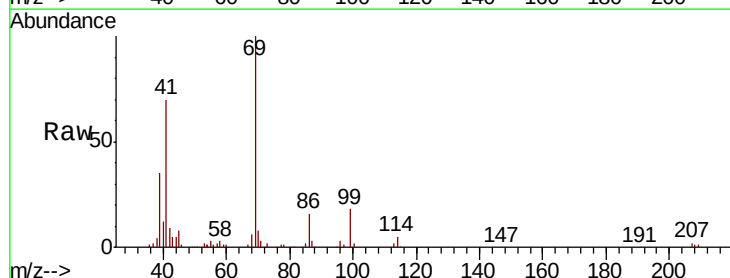
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

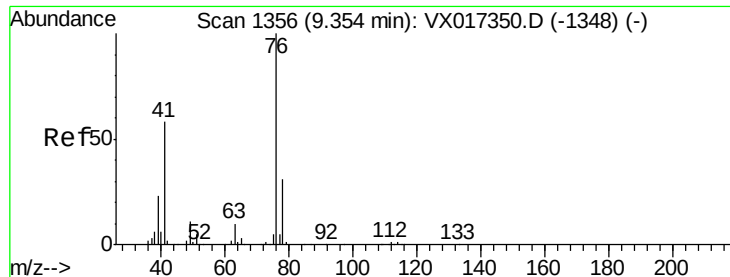
Tot Ion:	97	Resp:	18098
Ion	Ratio	Lower	Upper
97	100		
83	87.2	65.8	98.6
85	56.8	42.8	64.2
99	64.7	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 4.673 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017360.D
 Acq: 13 Jul 2020 17:59

Tgt Ion:	69	Resp:	23118
Ion	Ratio	Lower	Upper
69	100		
41	70.1	52.6	78.8
39	35.5	28.8	43.2

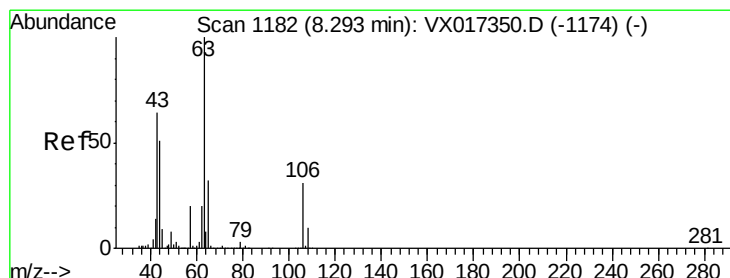
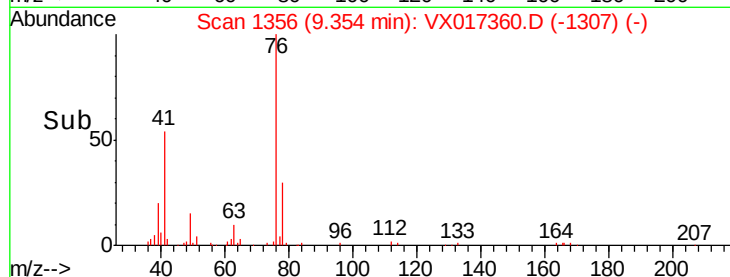
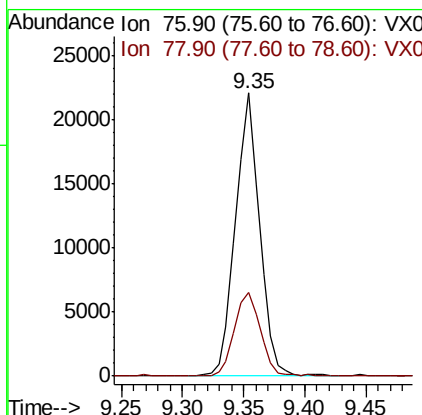
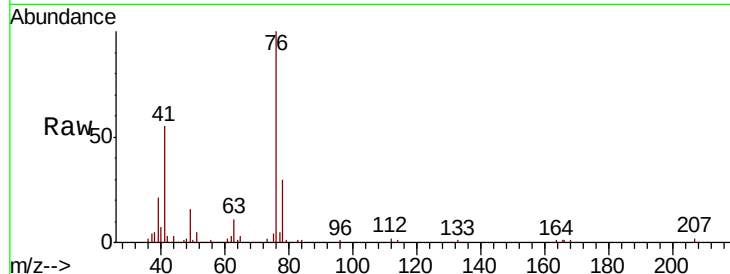




#57
 1,3-Dichloropropane
 Concen: 5.203 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017360.D
 Acq: 13 Jul 2020 17:59

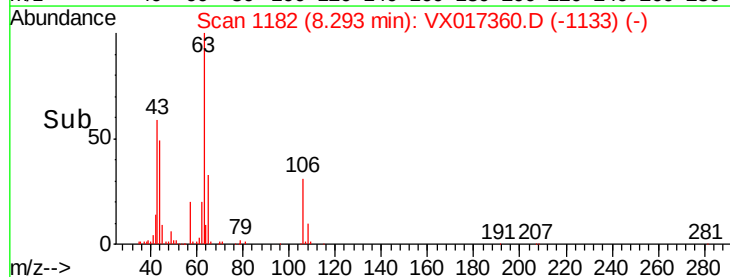
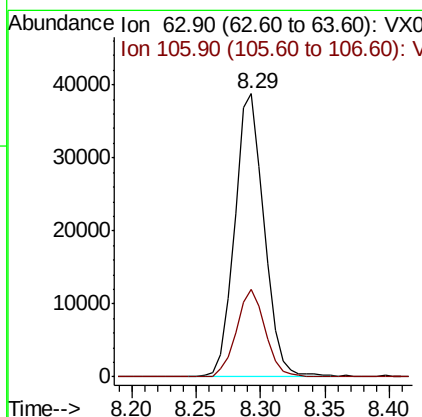
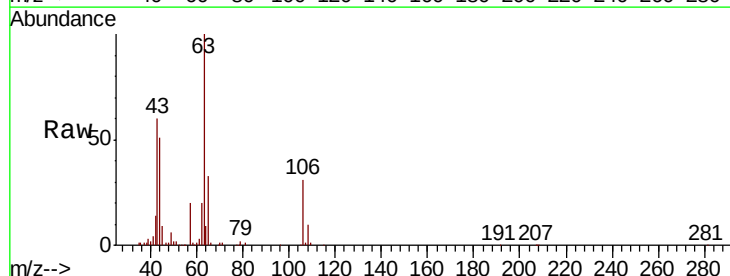
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

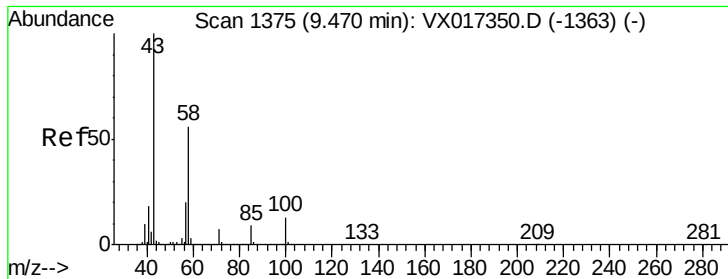
Tot Ion: 76 Resp: 30156
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.564 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017360.D
 Acq: 13 Jul 2020 17:59

Tgt Ion: 63 Resp: 61704
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.8 37.2

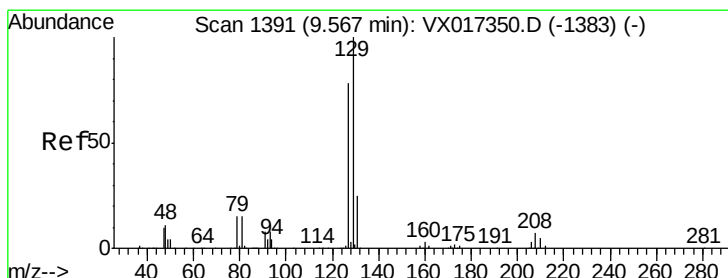
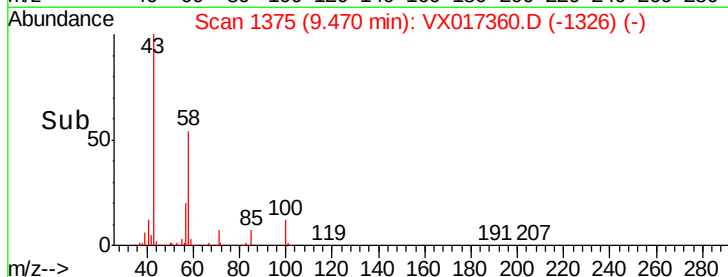
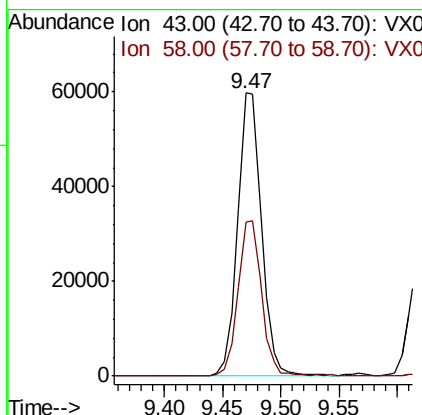
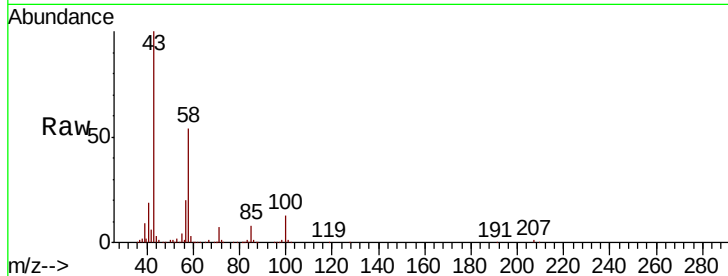




#59
2-Hexanone
Concen: 24.782 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

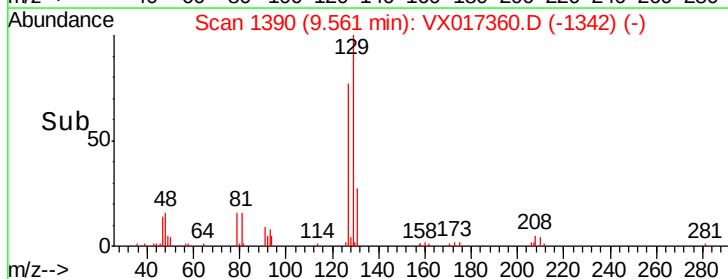
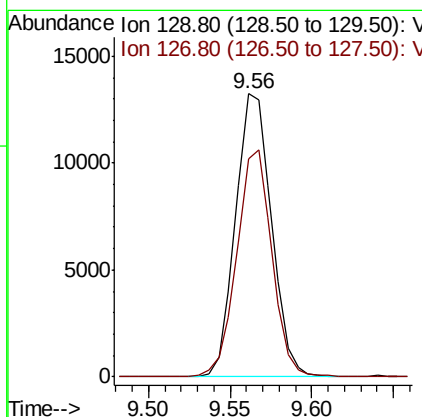
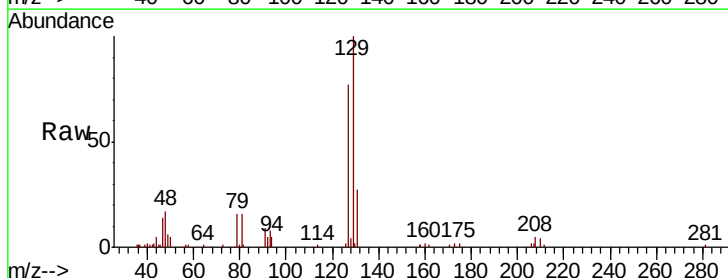
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

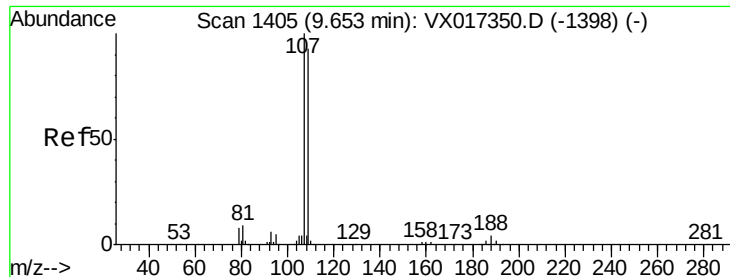
Tot Ion: 43 Resp: 85399
Ion Ratio Lower Upper
43 100
58 54.3 28.1 84.3



#60
Dibromochloromethane
Concen: 4.775 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion: 129 Resp: 20326
Ion Ratio Lower Upper
129 100
127 78.8 38.9 116.6





#61

1,2-Dibromoethane

Concen: 5.108 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

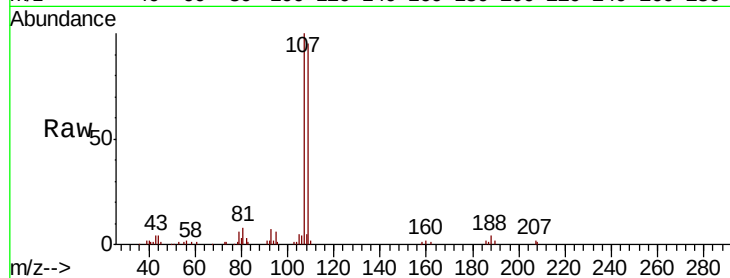
LOQ-WATER-02-QT3-2020

Tot Ion:107 Resp: 19363

Ion Ratio Lower Upper

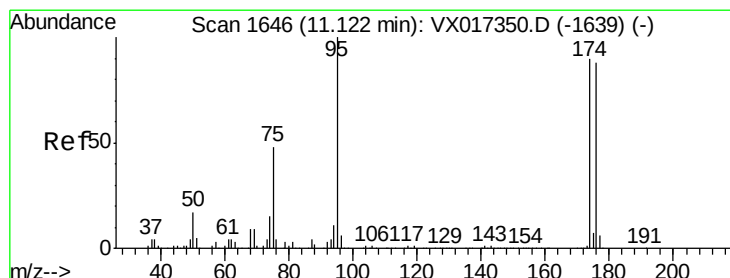
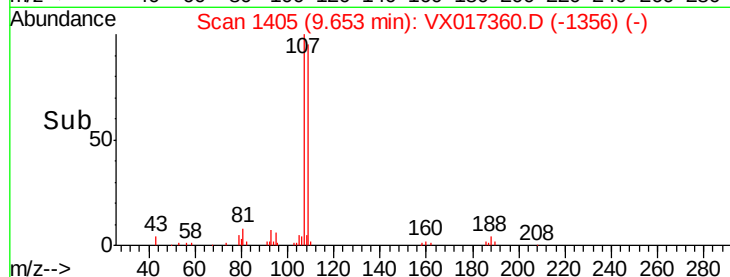
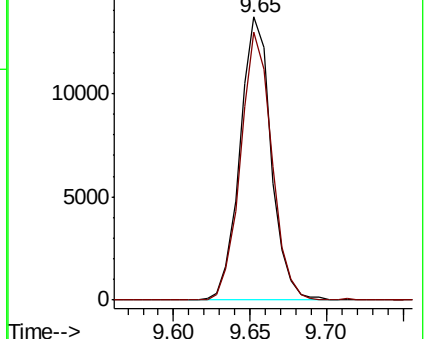
107 100

109 94.4 75.0 112.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.031 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

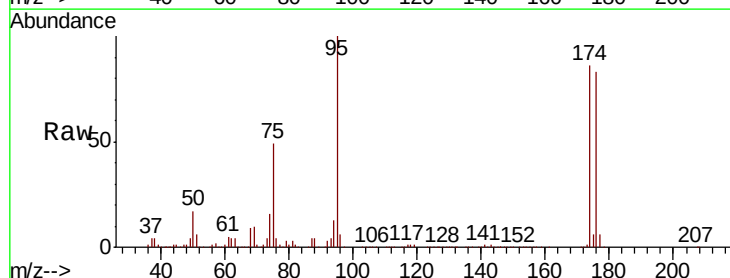
Tgt Ion: 95 Resp: 242636

Ion Ratio Lower Upper

95 100

174 85.9 0.0 175.8

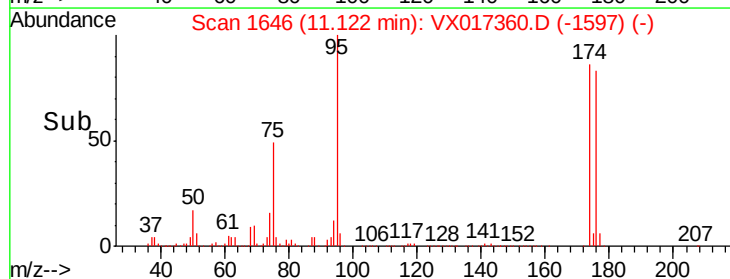
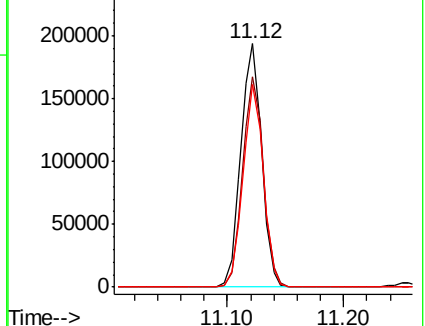
176 81.6 0.0 164.6

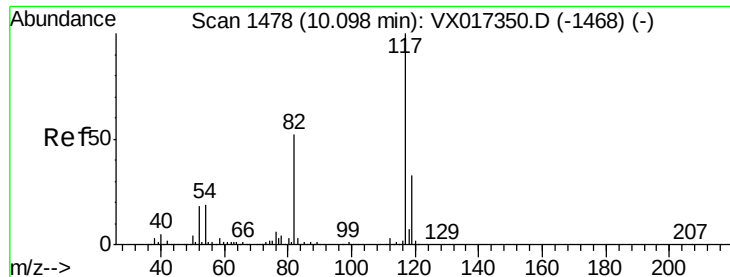


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

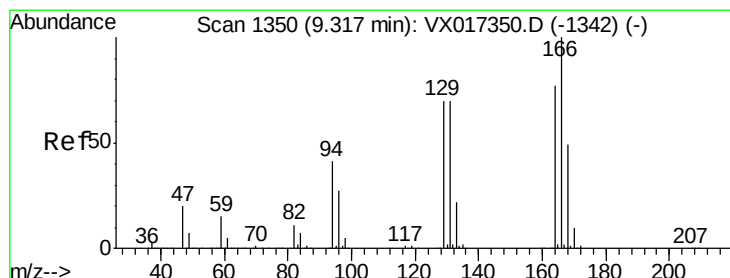
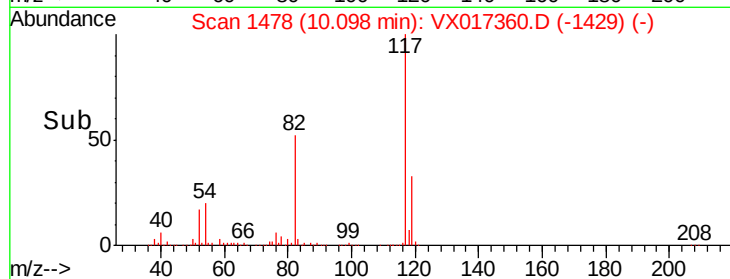
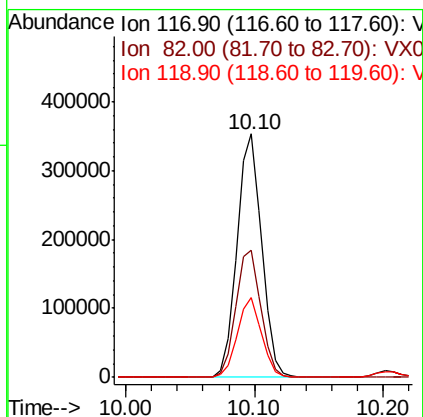
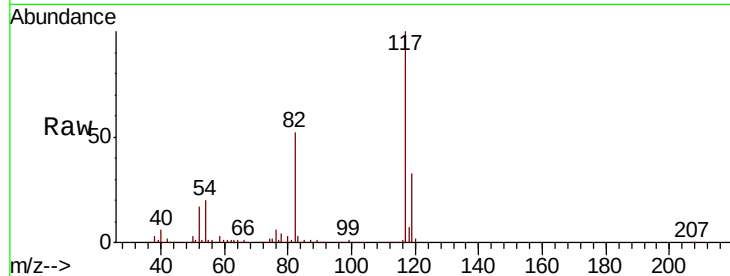




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

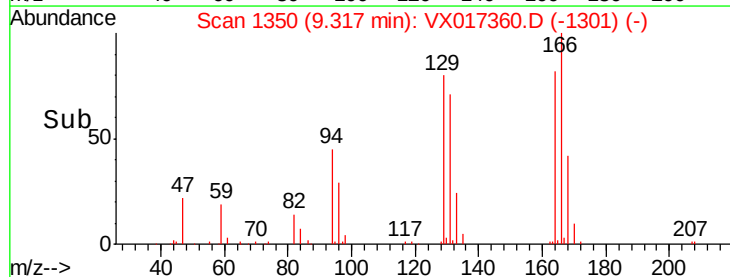
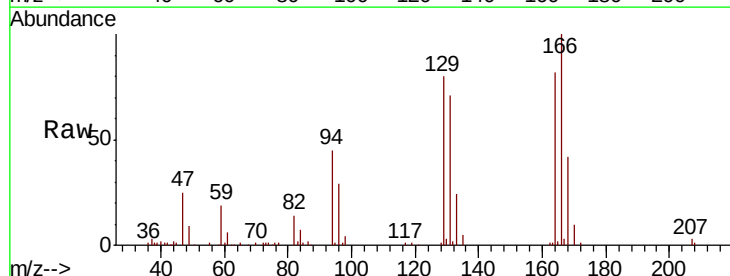
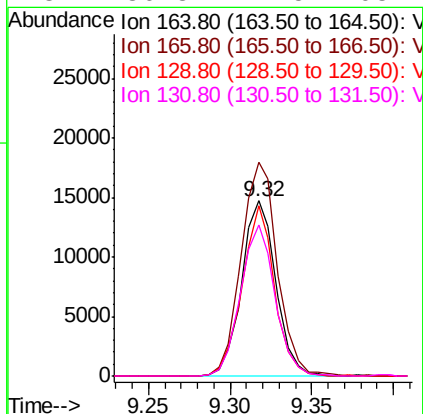
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

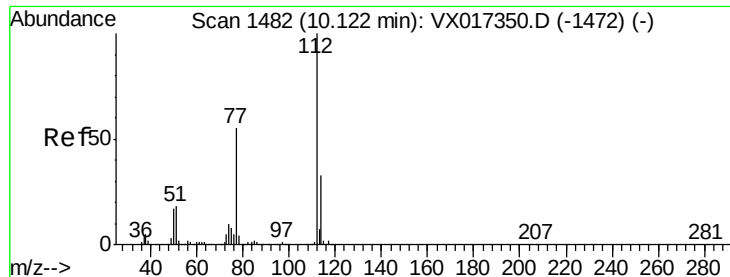
Tot Ion:117 Resp: 468808
Ion Ratio Lower Upper
117 100
82 52.2 42.0 63.0
119 32.6 26.3 39.5



#64
Tetrachloroethene
Concen: 5.261 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion:164 Resp: 21347
Ion Ratio Lower Upper
164 100
166 122.2 103.9 155.9
129 97.1 72.9 109.3
131 86.3 72.5 108.7

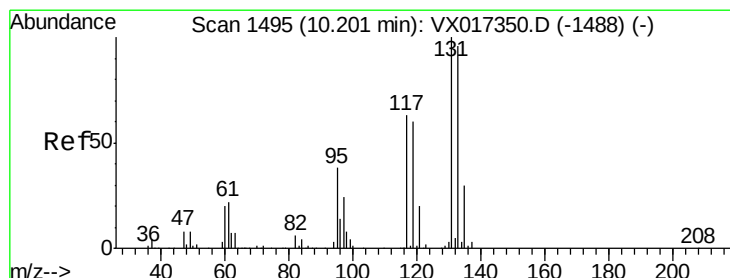
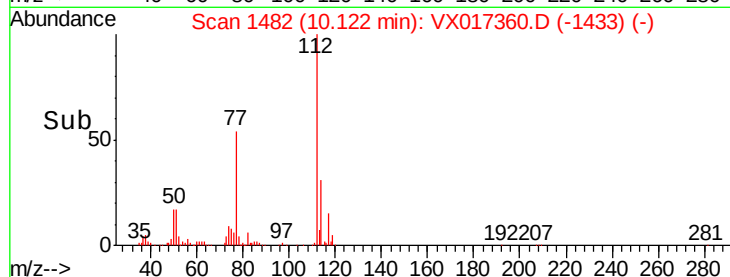
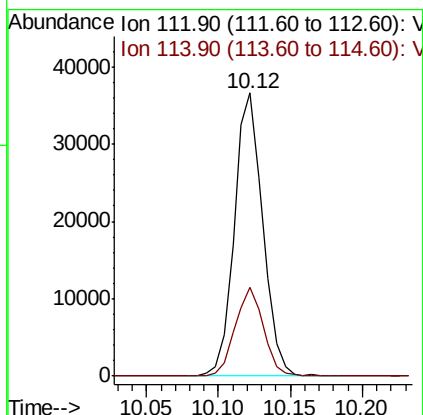
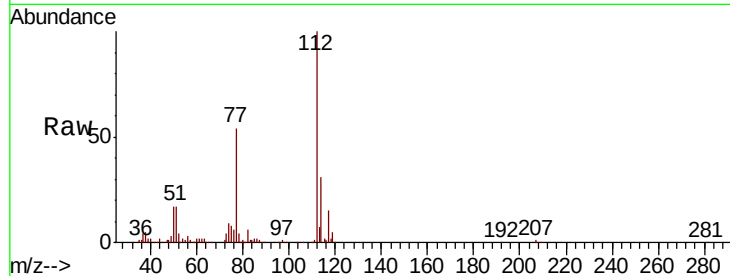




#65
Chlorobenzene
Concen: 5.268 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

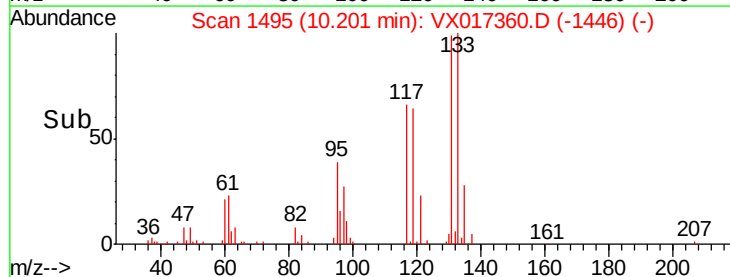
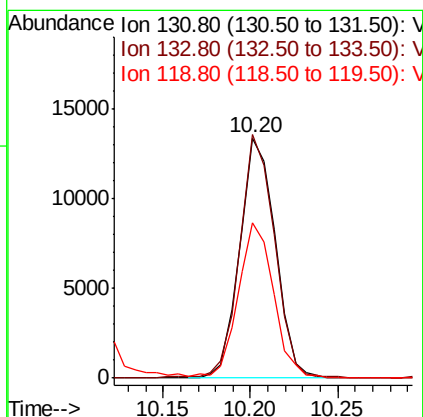
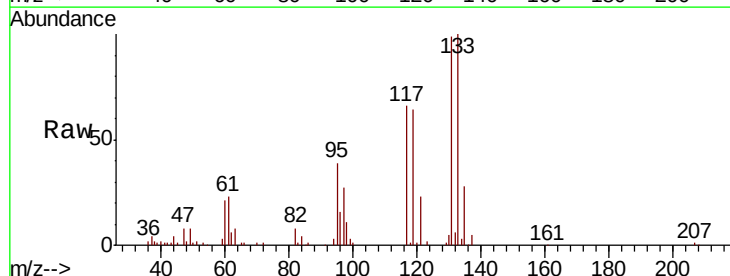
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

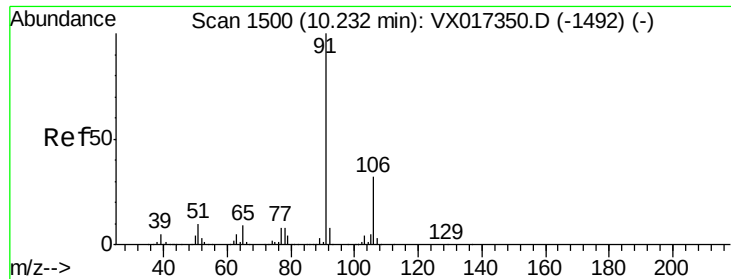
Tot Ion:112 Resp: 50190
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.998 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion:131 Resp: 18959
Ion Ratio Lower Upper
131 100
133 100.2 48.4 145.2
119 64.1 31.2 93.6





#67

Ethyl Benzene

Concen: 5.042 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

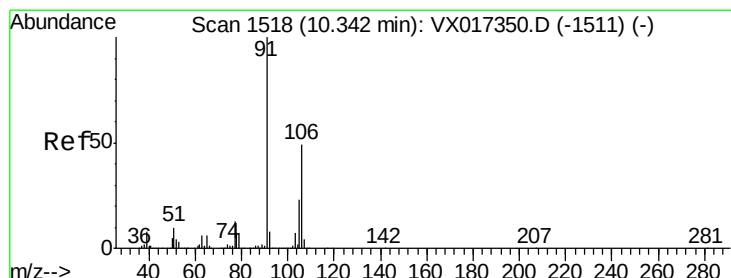
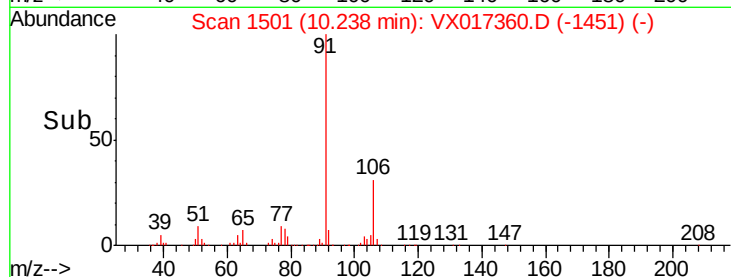
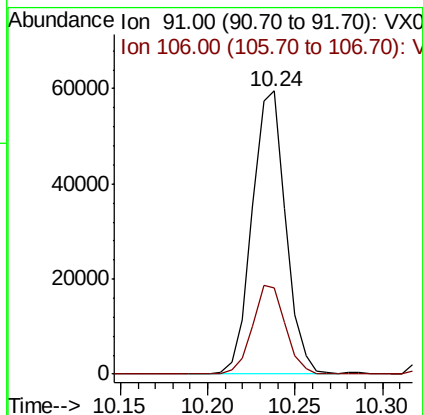
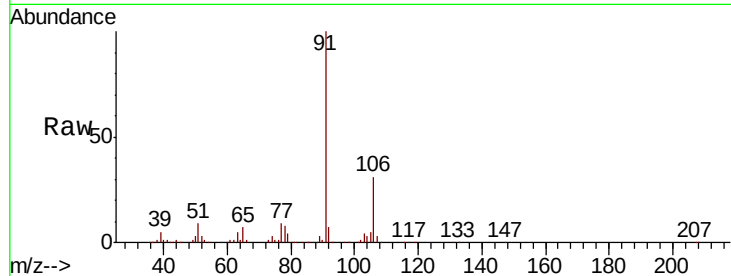
LOQ-WATER-02-QT3-2020

Tot Ion: 91 Resp: 79963

Ion Ratio Lower Upper

91 100

106 30.6 25.7 38.5



#68

m/p-Xylenes

Concen: 9.869 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017360.D

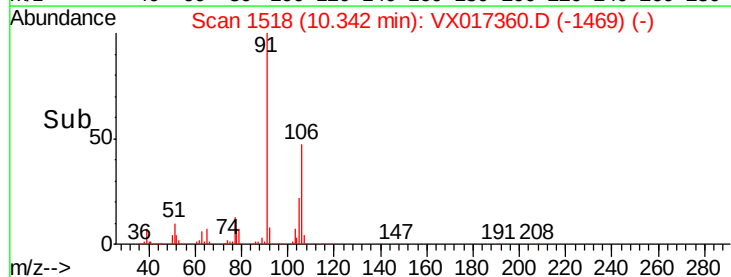
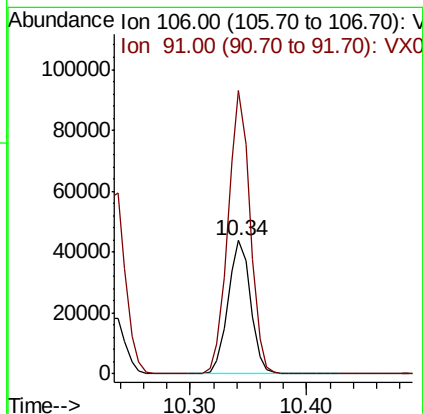
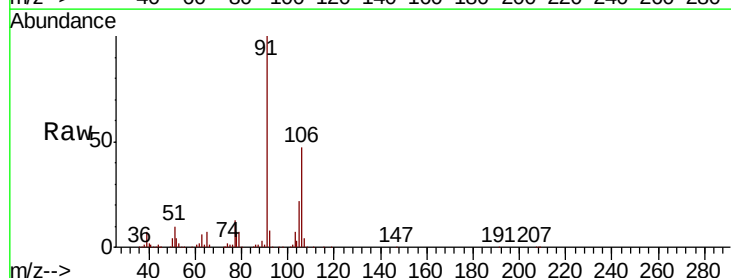
Acq: 13 Jul 2020 17:59

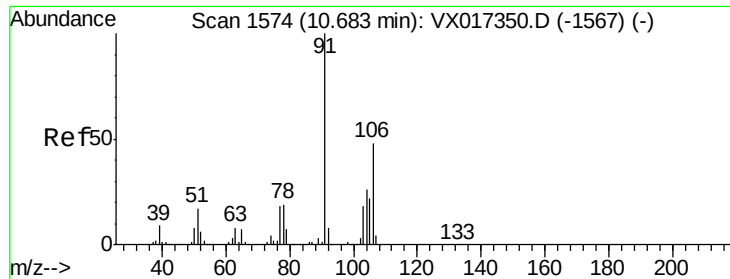
Tgt Ion: 106 Resp: 59555

Ion Ratio Lower Upper

106 100

91 206.1 162.5 243.7

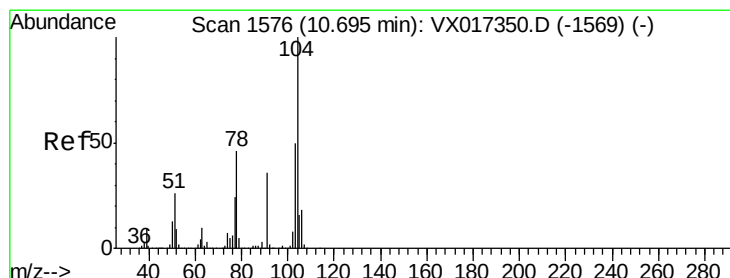
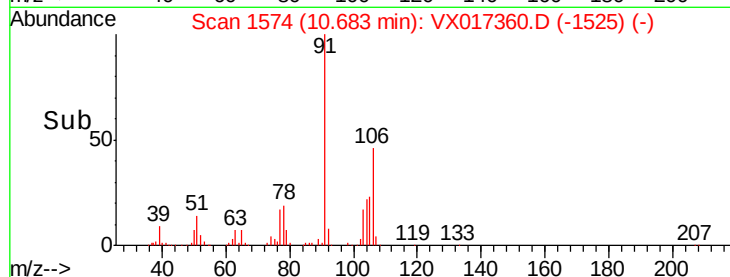
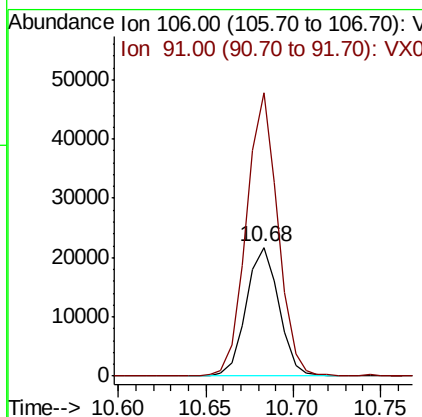
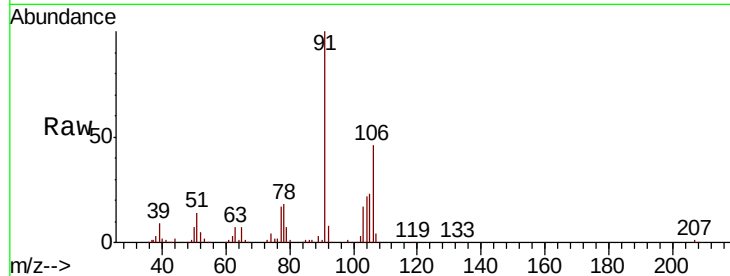




#69
o-Xylene
Concen: 4.911 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

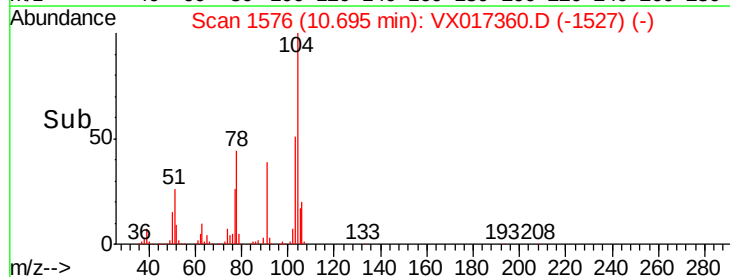
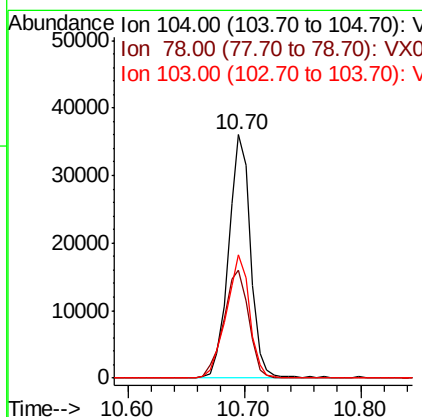
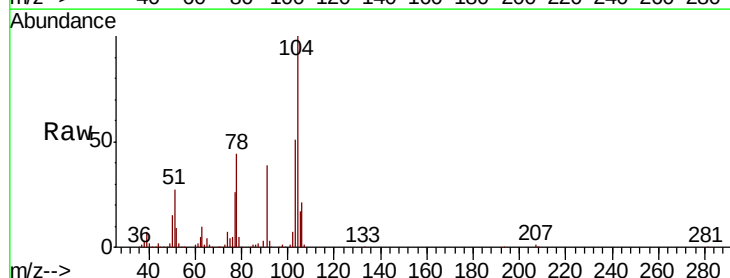
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

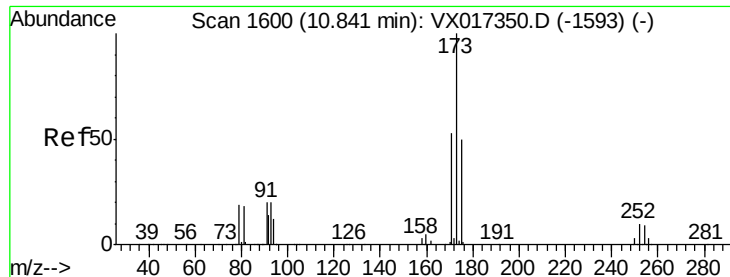
Tot Ion:106 Resp: 28317
Ion Ratio Lower Upper
106 100
91 210.9 106.1 318.1



#70
Styrene
Concen: 4.785 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion:104 Resp: 47364
Ion Ratio Lower Upper
104 100
78 50.5 40.8 61.2
103 53.8 43.3 64.9





#71

Bromoform

Concen: 4.941 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

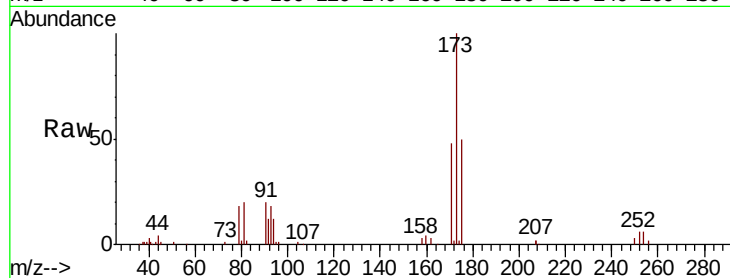
Tot Ion:173 Resp: 15814

Ion Ratio Lower Upper

173 100

175 49.3 24.7 74.1

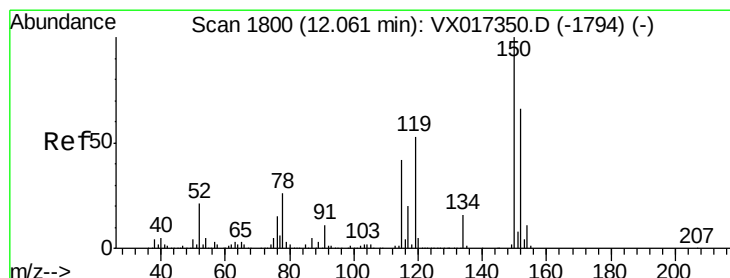
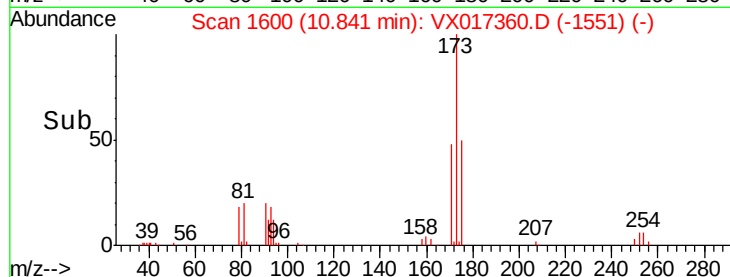
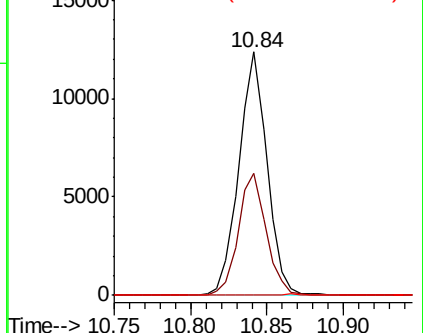
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

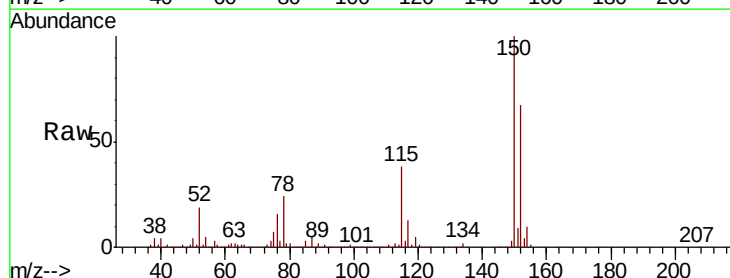
Tgt Ion:152 Resp: 249128

Ion Ratio Lower Upper

152 100

115 58.6 39.9 119.7

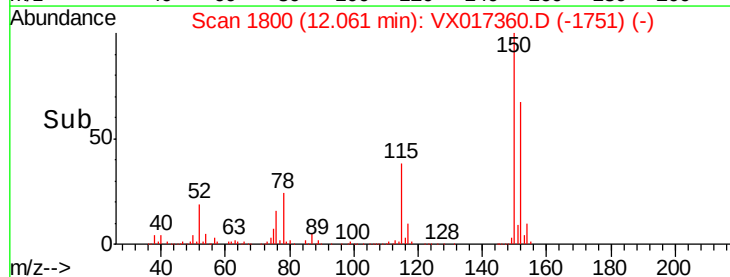
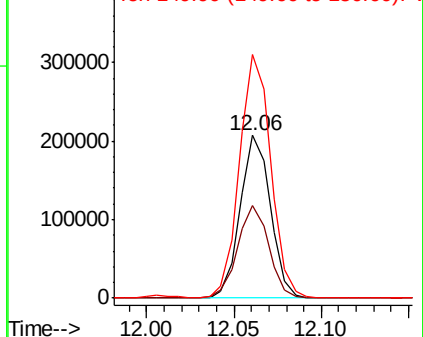
150 154.9 0.0 343.4

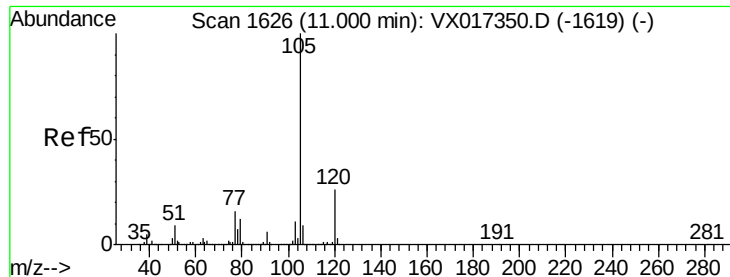


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.967 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

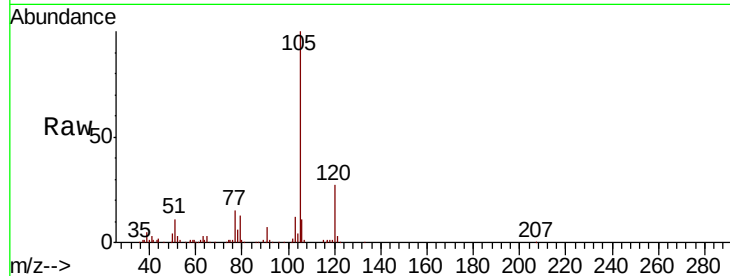
LOQ-WATER-02-QT3-2020

Tot Ion: 105 Resp: 77576

Ion Ratio Lower Upper

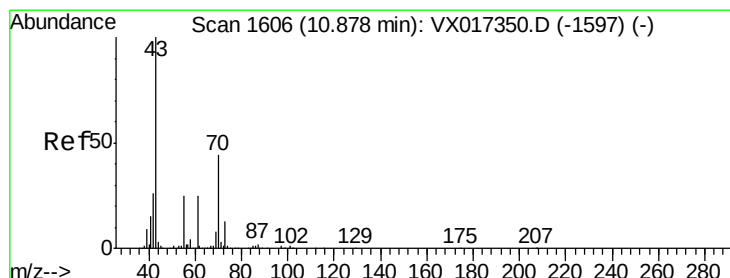
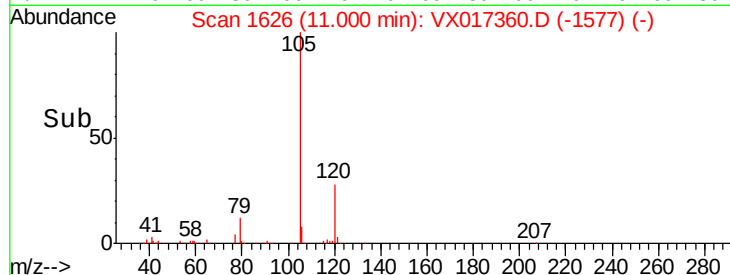
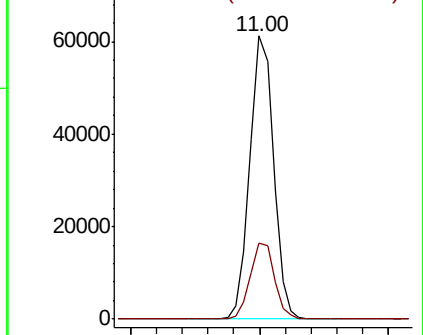
105 100

120 27.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.859 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Tgt Ion: 43 Resp: 30366

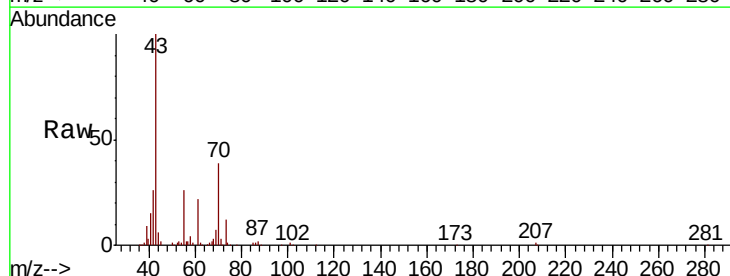
Ion Ratio Lower Upper

43 100

70 42.6 35.7 53.5

55 27.0 20.3 30.5

61 25.3 20.0 30.0

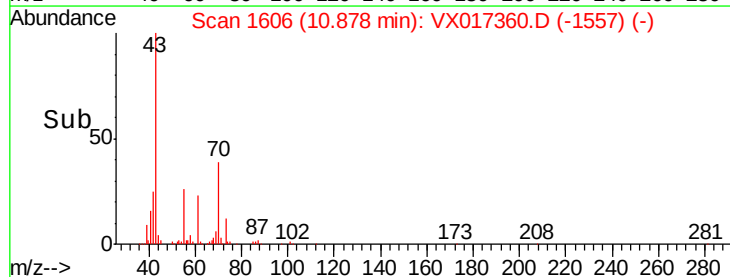
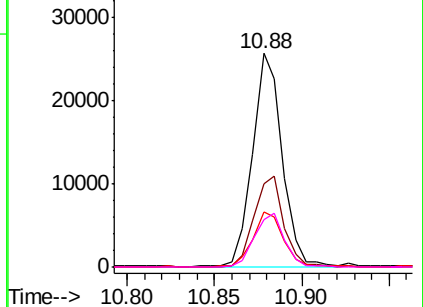


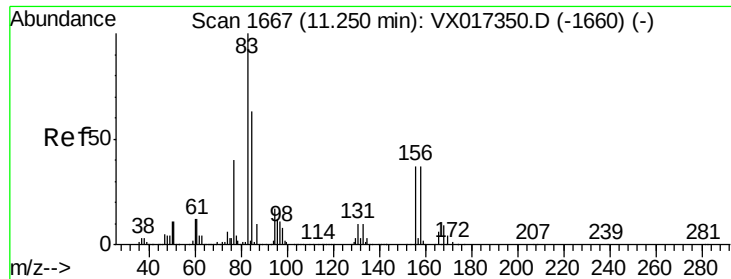
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.608 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

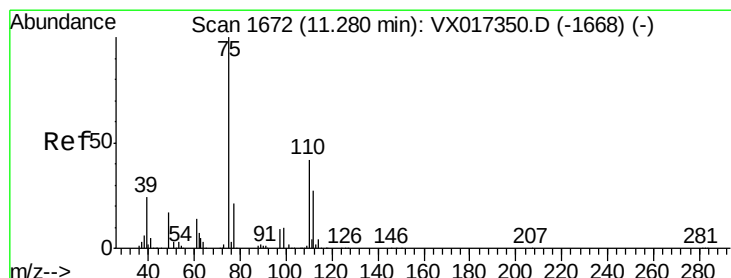
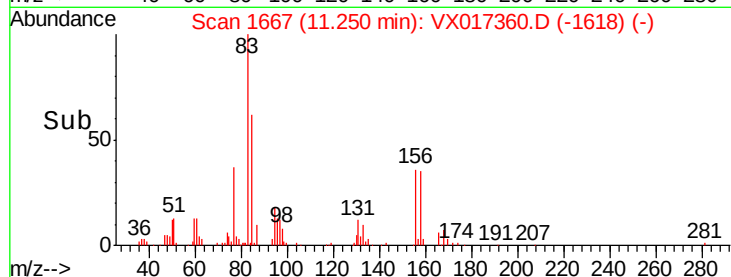
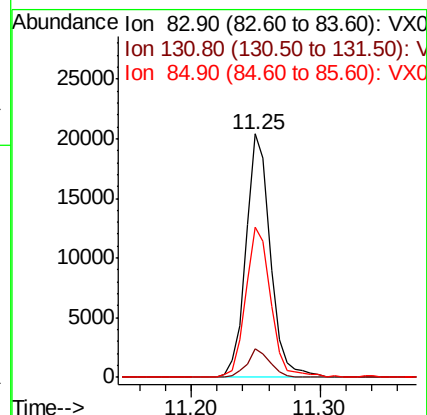
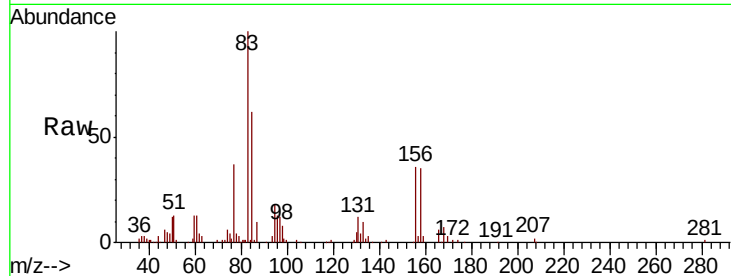
Tot Ion: 83 Resp: 26592

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

85 63.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 6.899 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017360.D

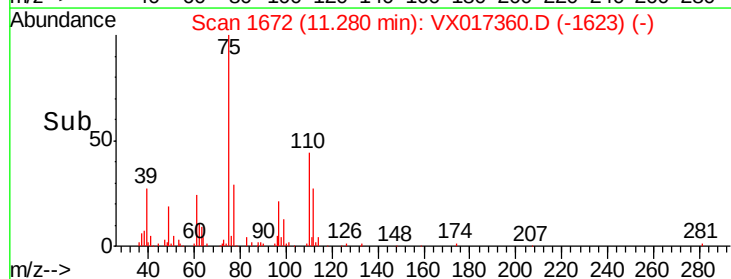
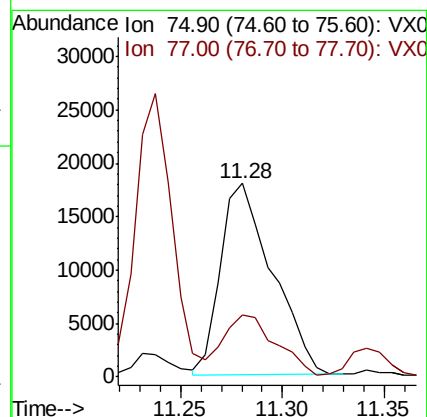
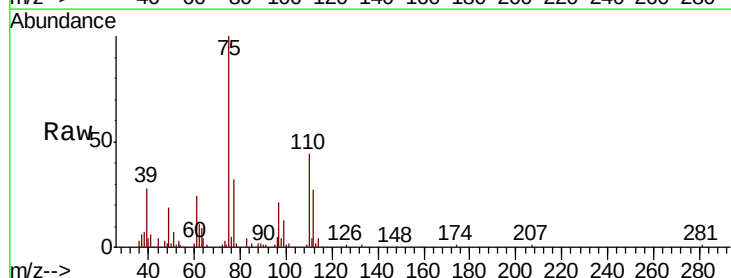
Acq: 13 Jul 2020 17:59

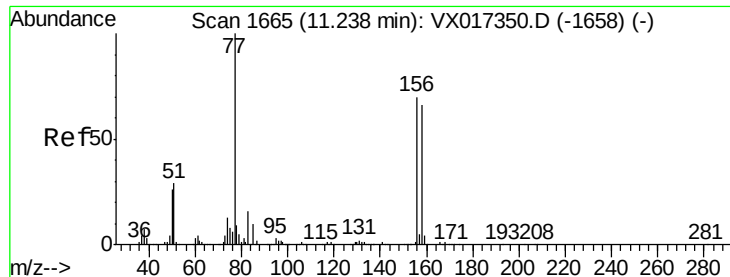
Tgt Ion: 75 Resp: 31757

Ion Ratio Lower Upper

75 100

77 32.7 20.3 60.9





#77

Bromobenzene

Concen: 5.027 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

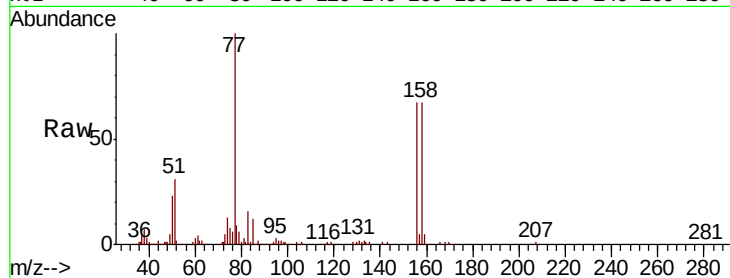
Tot Ion:156 Resp: 22359

Ion Ratio Lower Upper

156 100

77 151.1 72.1 216.3

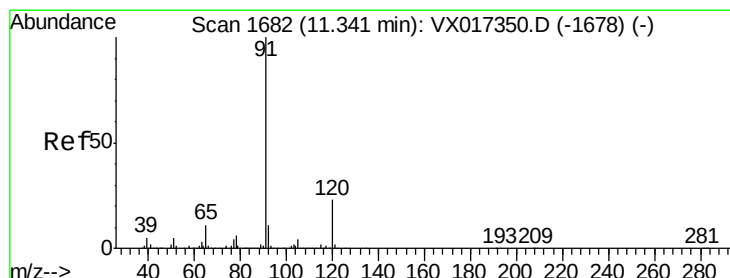
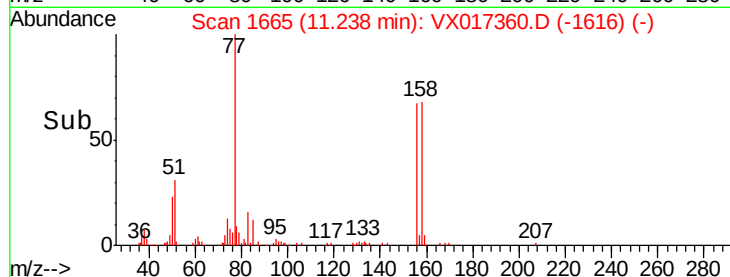
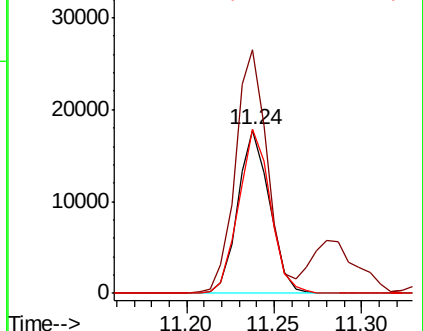
158 100.8 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.092 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017360.D

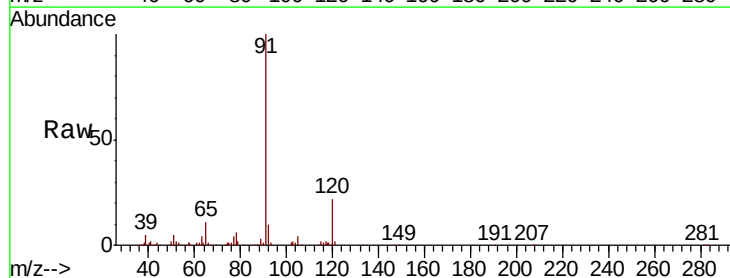
Acq: 13 Jul 2020 17:59

Tgt Ion: 91 Resp: 89308

Ion Ratio Lower Upper

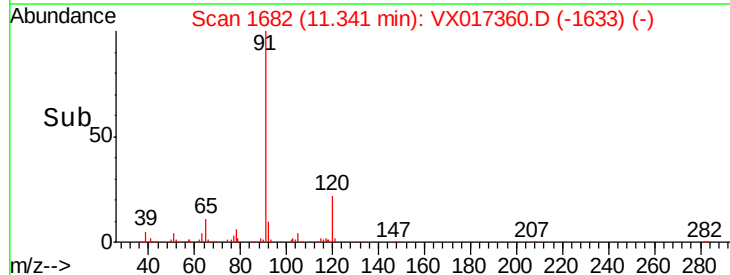
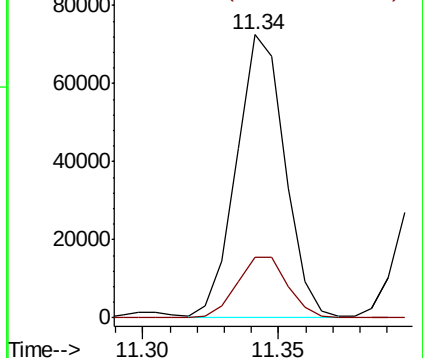
91 100

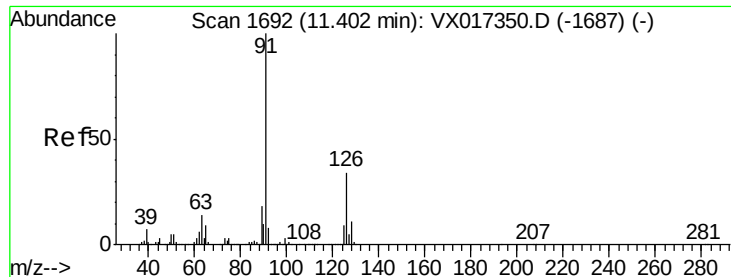
120 22.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

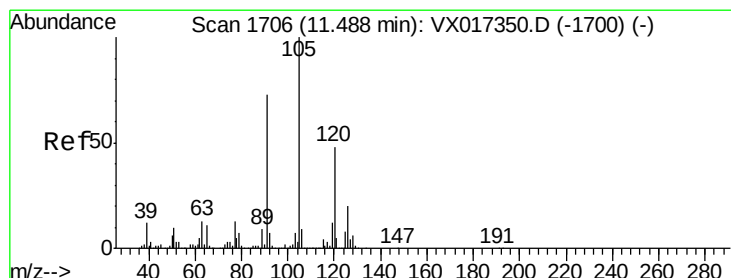
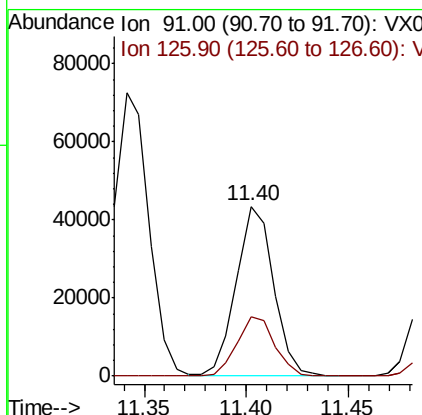
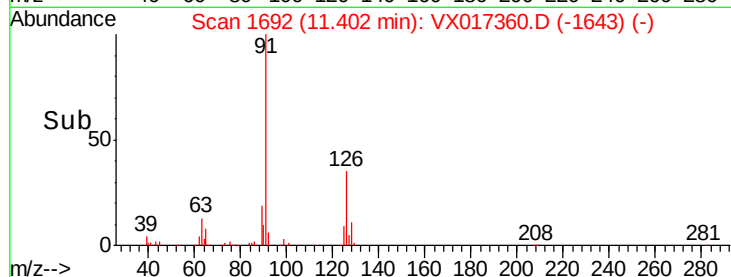
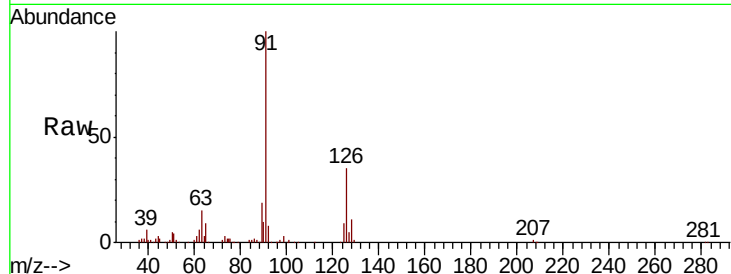




#79
2-Chlorotoluene
Concen: 5.100 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

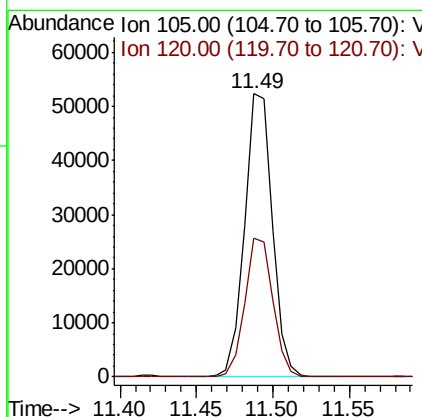
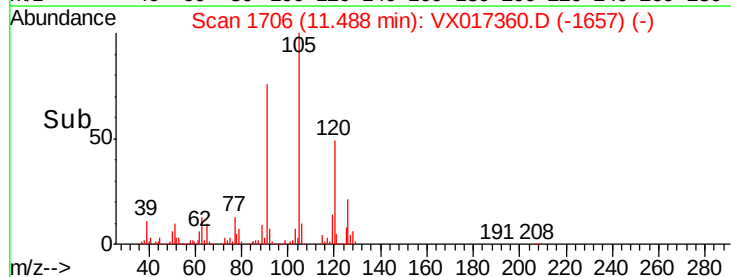
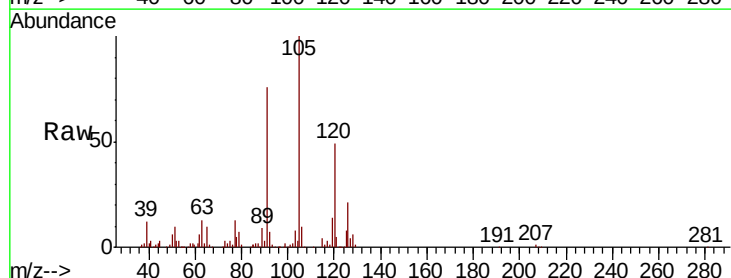
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2020

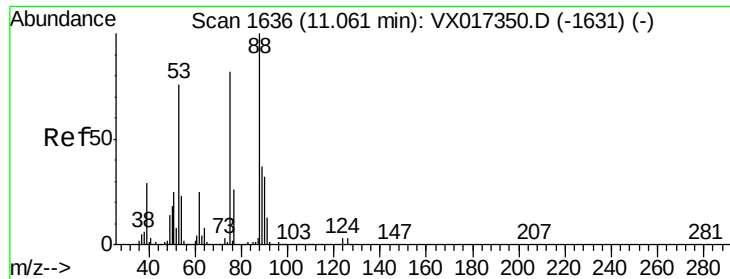
Tot Ion: 91 Resp: 55122
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 4.978 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX017360.D
Acq: 13 Jul 2020 17:59

Tgt Ion: 105 Resp: 65998
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.547 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

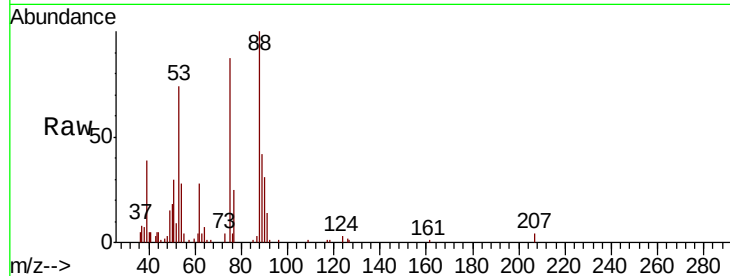
MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 75 Resp: 8252

Ion	Ratio	Lower	Upper
75	100		
53	100.1	76.5	114.7
89	50.3	38.1	57.1

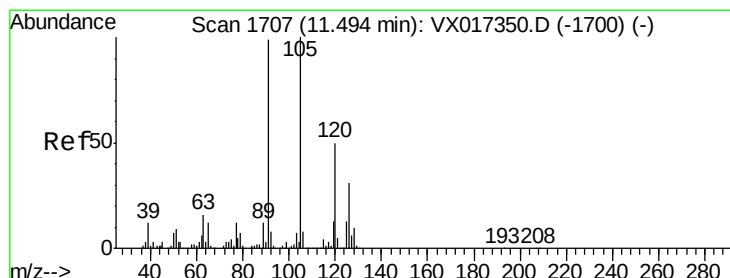
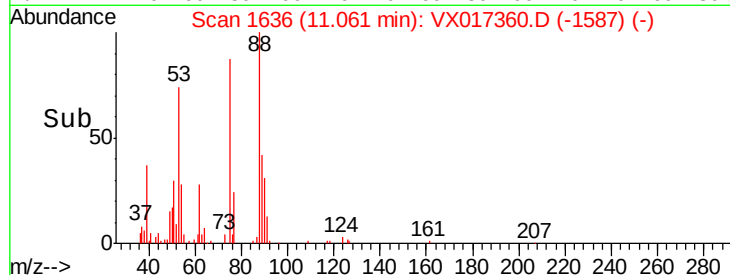
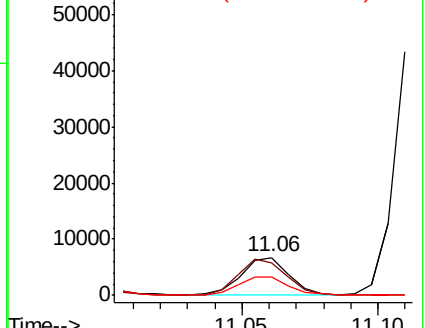


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.026 ug/l

RT: 11.49 min Scan# 1707

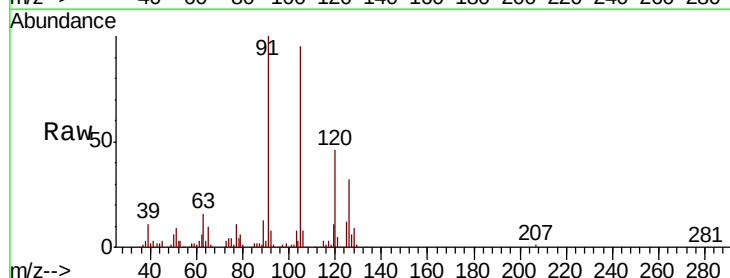
Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Tgt Ion: 91 Resp: 64382

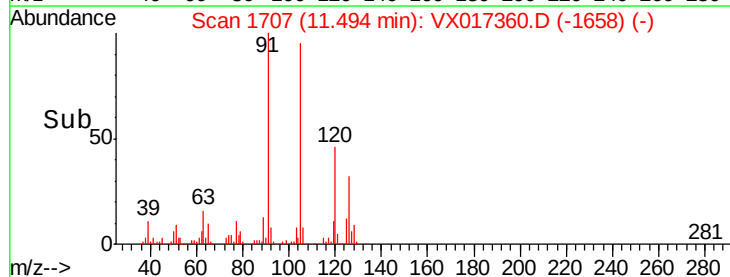
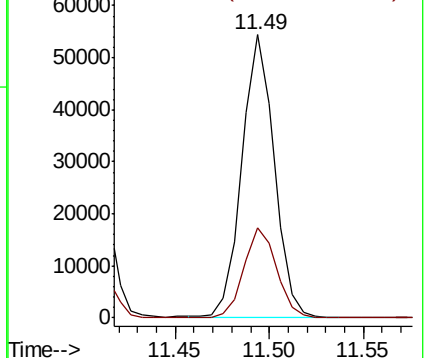
Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.4	46.2

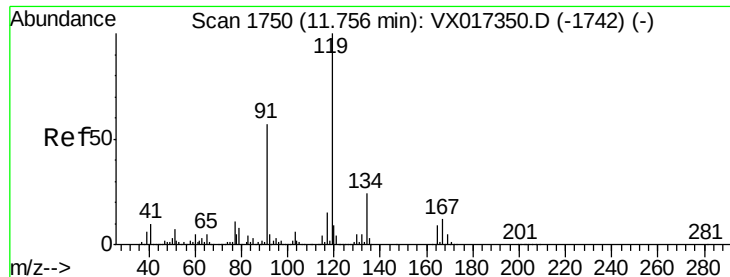


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

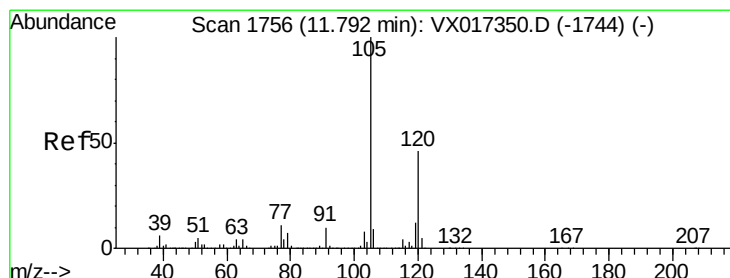
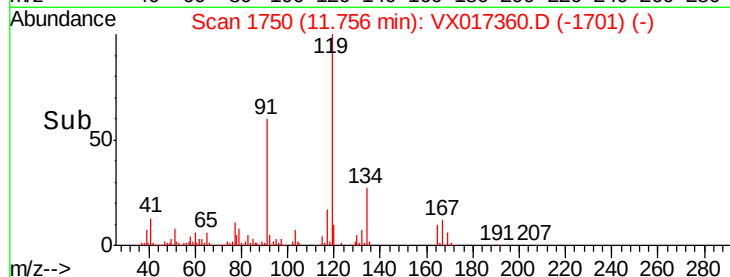
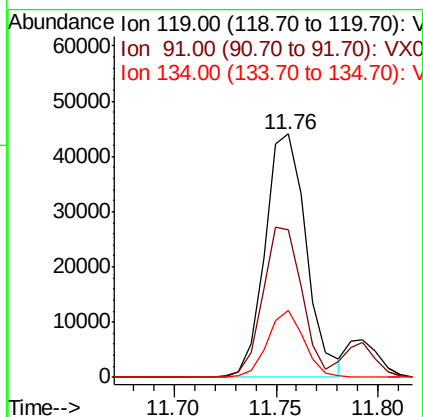
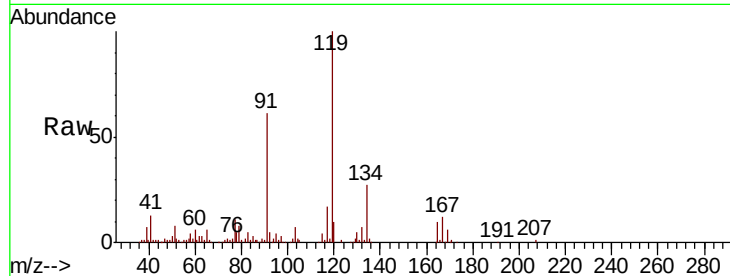




#83
 tert-Butylbenzene
 Concen: 4.844 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017360.D
 Acq: 13 Jul 2020 17:59

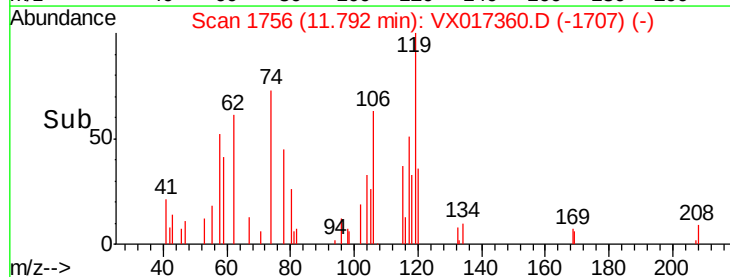
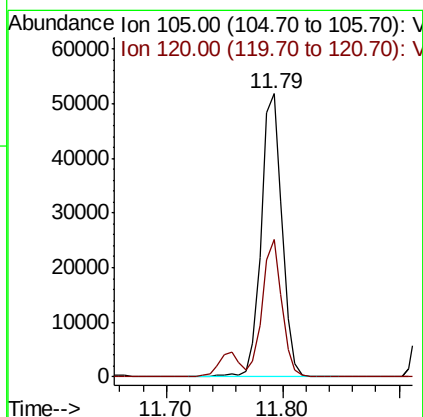
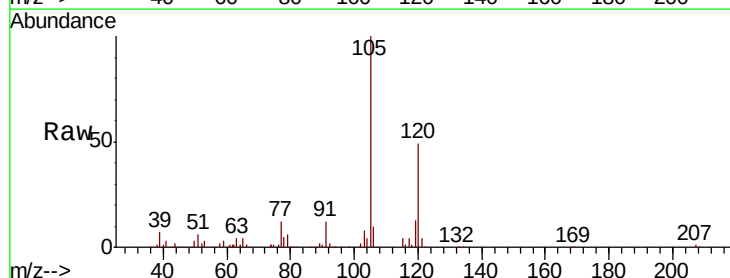
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

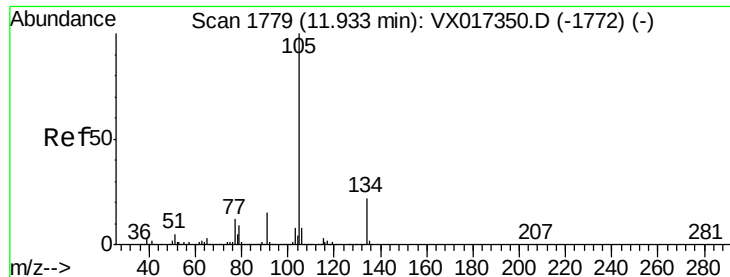
Tot Ion:119 Resp: 62081
 Ion Ratio Lower Upper
 119 100
 91 58.7 28.5 85.6
 134 24.4 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 4.837 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017360.D
 Acq: 13 Jul 2020 17:59

Tgt Ion:105 Resp: 64784
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 4.841 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

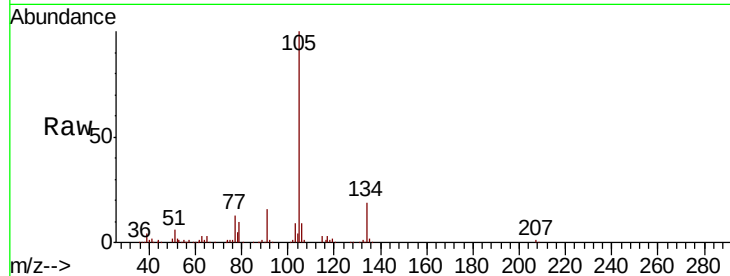
LOQ-WATER-02-QT3-2020

Tot Ion:105 Resp: 72637

Ion Ratio Lower Upper

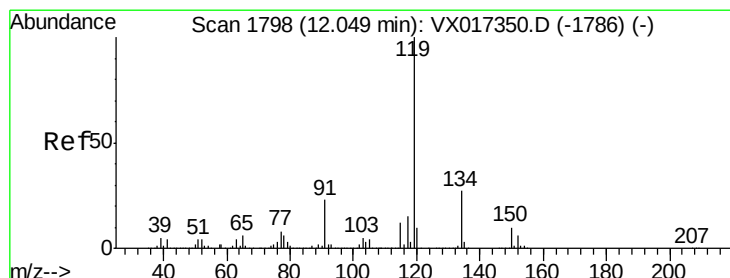
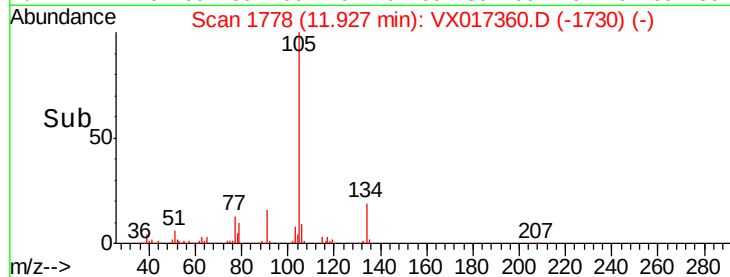
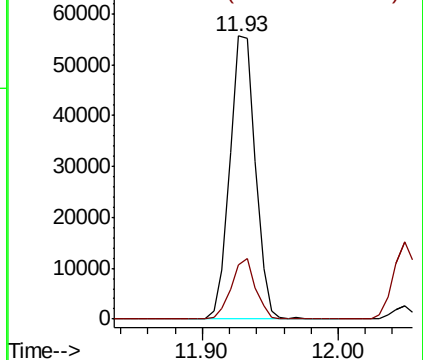
105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.855 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

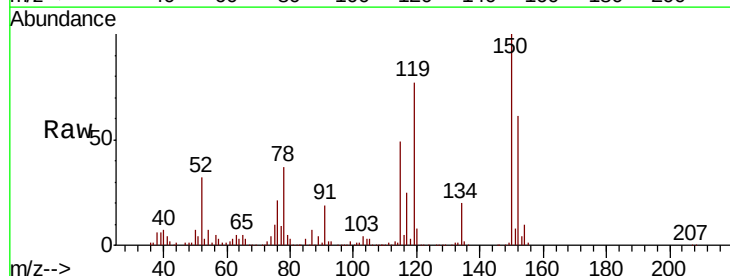
Tgt Ion:119 Resp: 68927

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

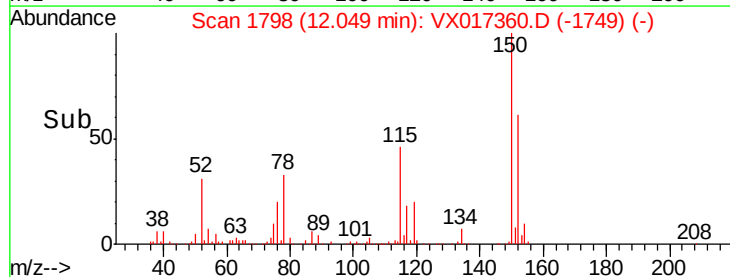
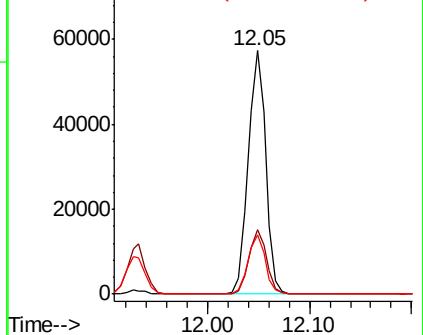
91 24.4 11.8 35.3

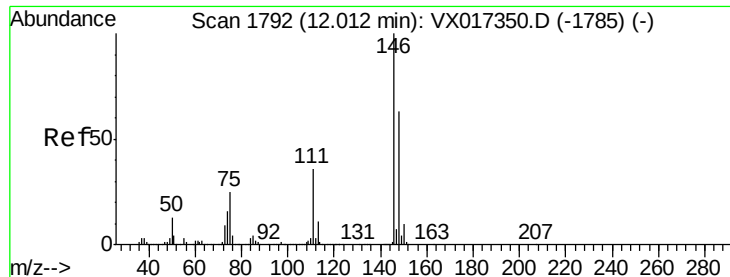


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 5.170 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

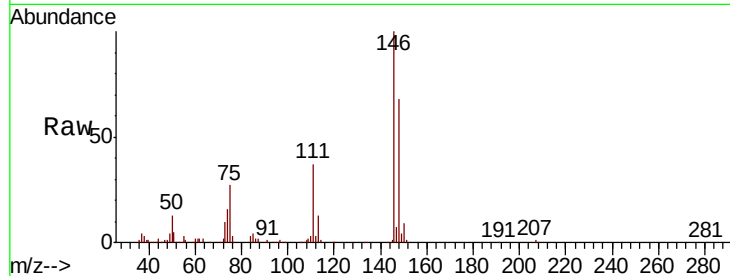
Tot Ion:146 Resp: 41134

Ion Ratio Lower Upper

146 100

111 37.8 19.2 57.6

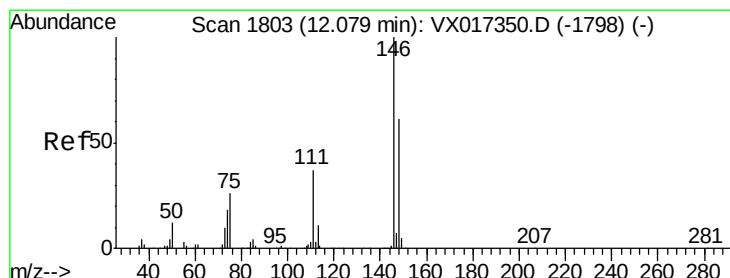
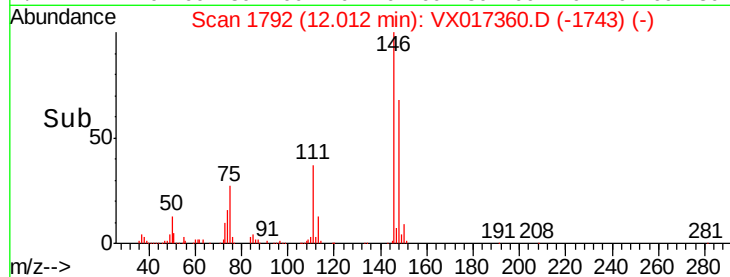
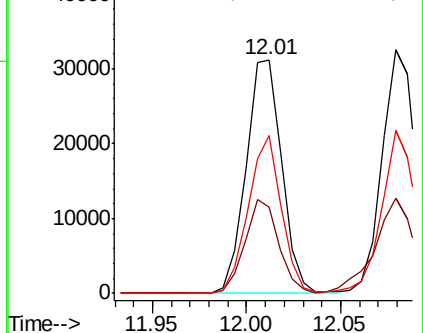
148 62.5 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.110 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

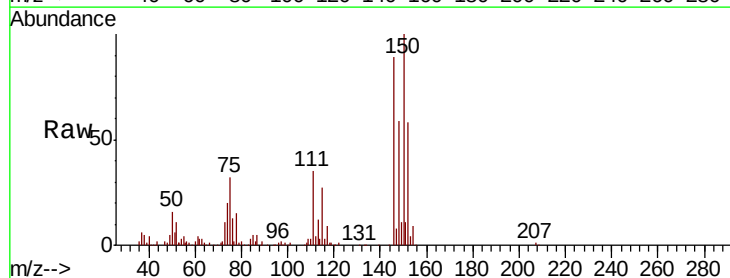
Tgt Ion:146 Resp: 41080

Ion Ratio Lower Upper

146 100

111 44.9 18.9 56.9

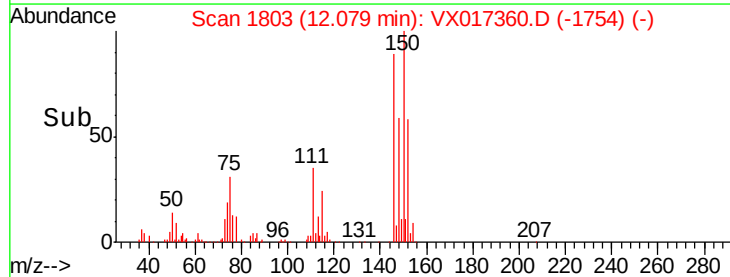
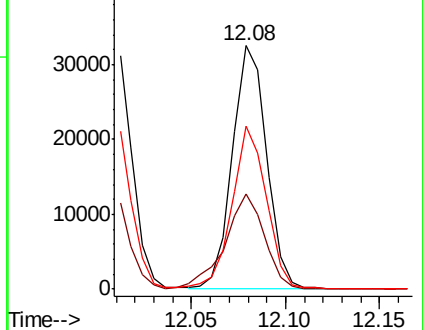
148 67.0 31.9 95.9

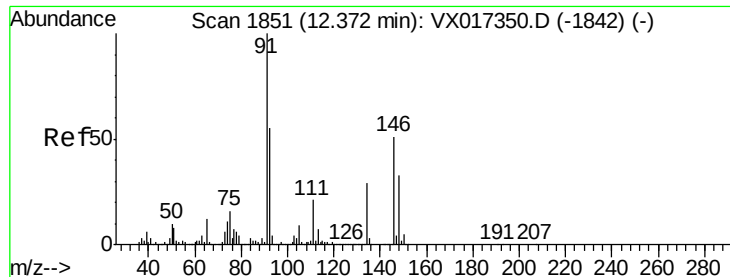


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.640 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

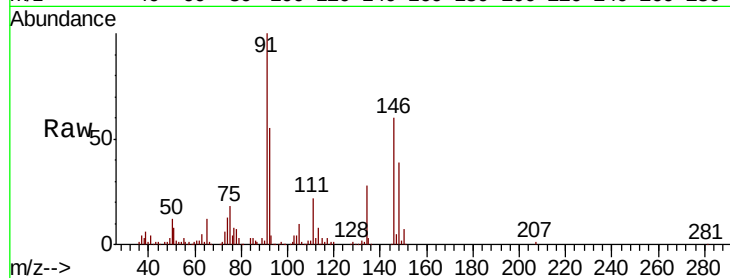
Tot Ion: 91 Resp: 56182

Ion Ratio Lower Upper

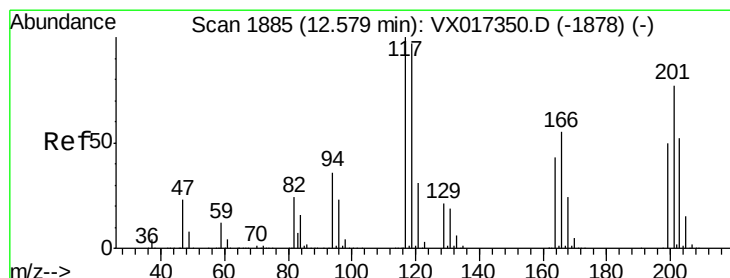
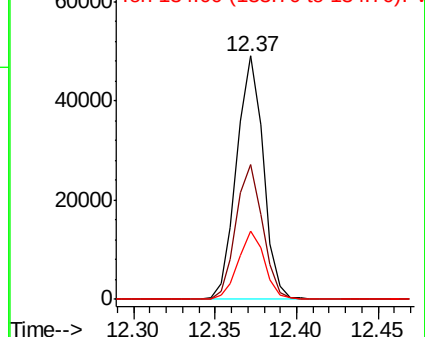
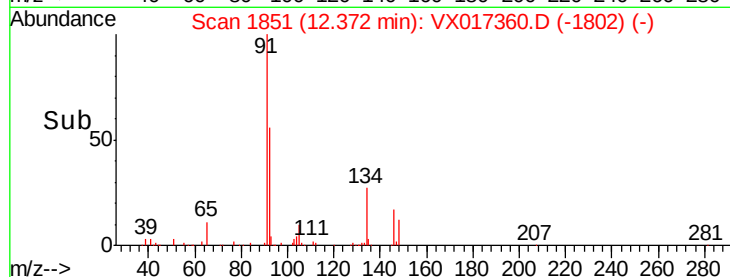
91 100

92 55.0 27.0 81.0

134 27.8 14.1 42.2



Abundance Ion 91.00 (90.70 to 91.70): VX017360.D (-1802) (-)



#90

Hexachloroethane

Concen: 5.044 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017360.D

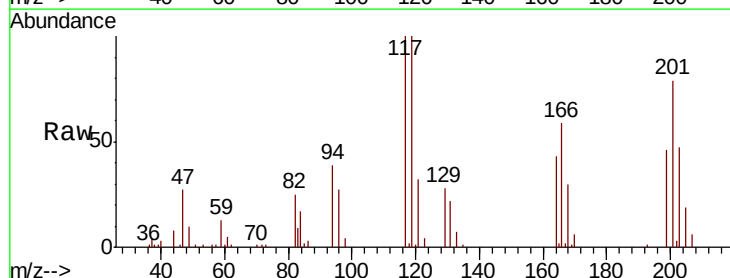
Acq: 13 Jul 2020 17:59

Tgt Ion: 117 Resp: 13594

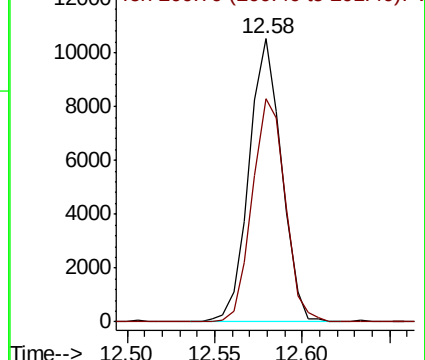
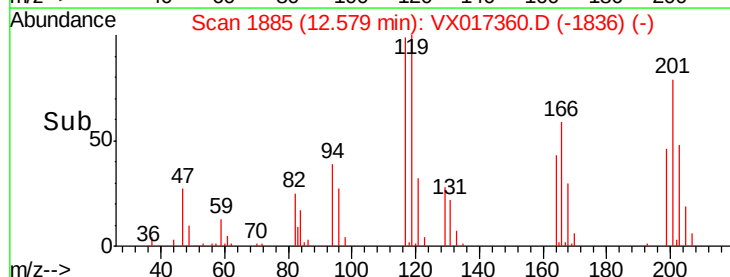
Ion Ratio Lower Upper

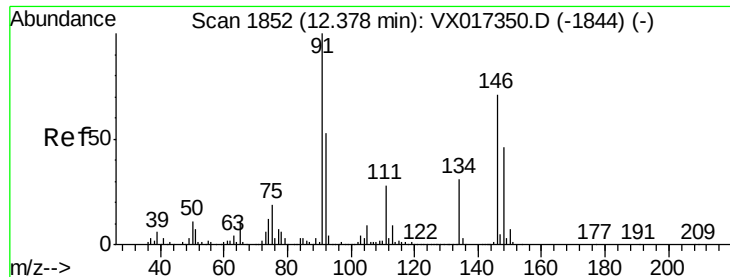
117 100

201 79.8 41.0 123.0



Abundance Ion 116.80 (116.50 to 117.50): VX017360.D (-1836) (-)

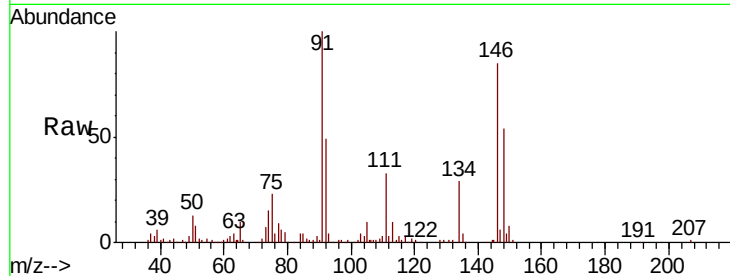




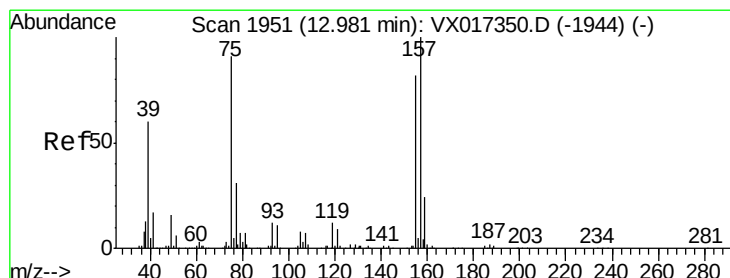
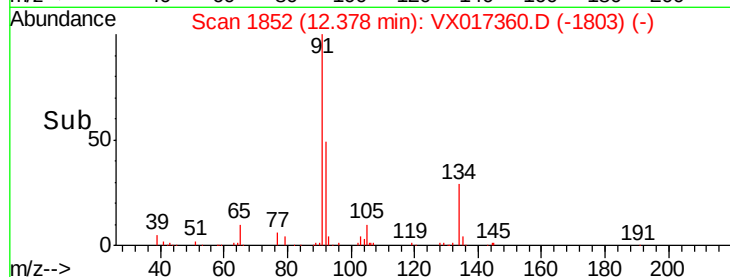
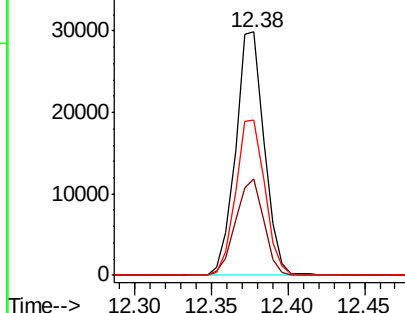
#91
 1,2-Dichlorobenzene
 Concen: 5.180 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017360.D
 Acq: 13 Jul 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion:146 Resp: 38731
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.3 61.0
 148 64.8 32.0 96.0

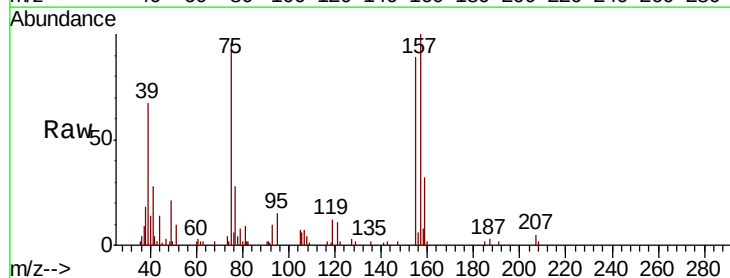


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

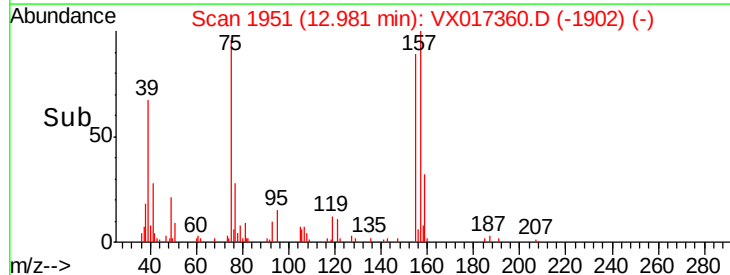
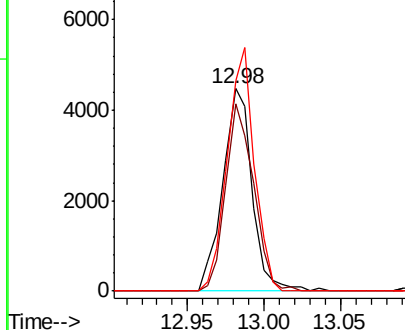


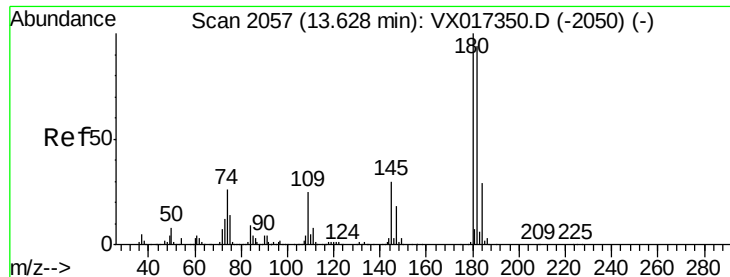
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.766 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017360.D
 Acq: 13 Jul 2020 17:59

Tgt Ion: 75 Resp: 5963
 Ion Ratio Lower Upper
 75 100
 155 88.1 46.5 139.3
 157 110.6 58.0 173.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 4.604 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

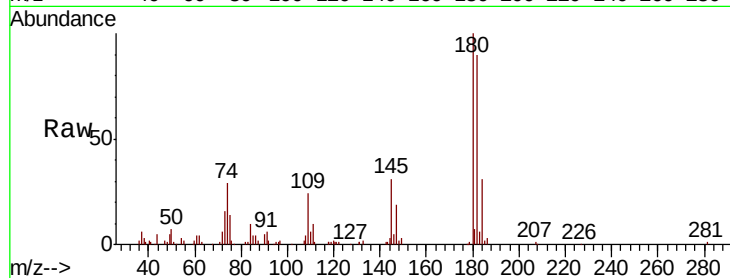
Tot Ion:180 Resp: 23895

Ion Ratio Lower Upper

180 100

182 93.8 48.4 145.0

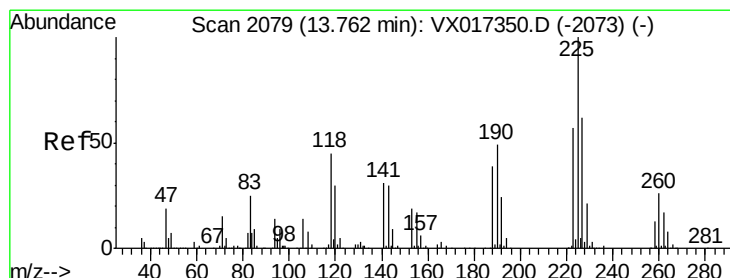
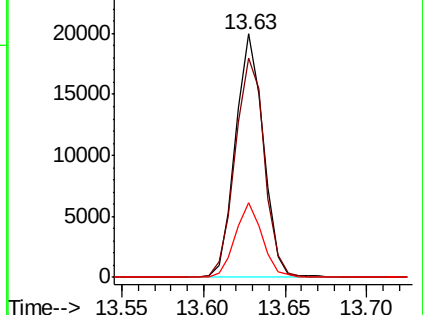
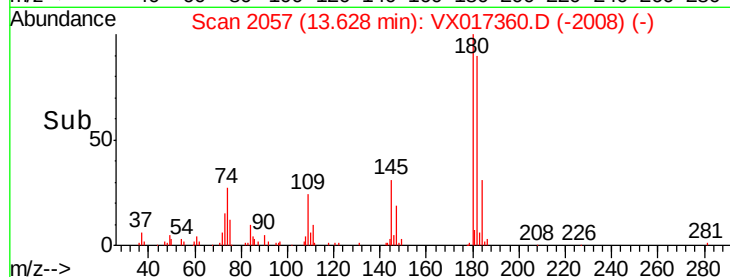
145 29.3 15.3 45.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 5.176 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

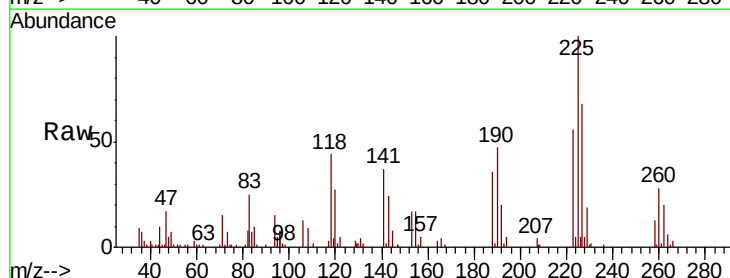
Tgt Ion:225 Resp: 10956

Ion Ratio Lower Upper

225 100

223 58.9 31.3 93.8

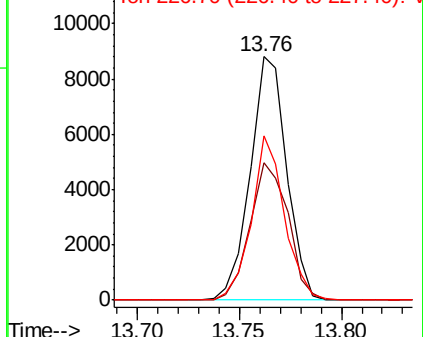
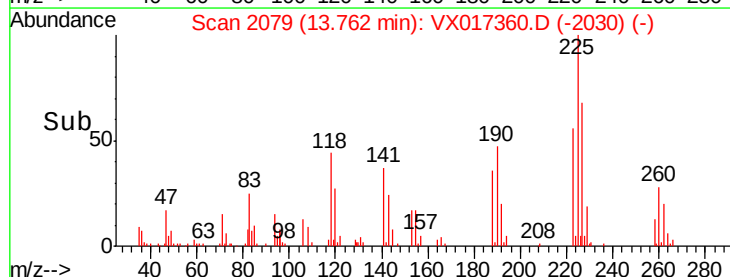
227 61.1 31.6 95.0

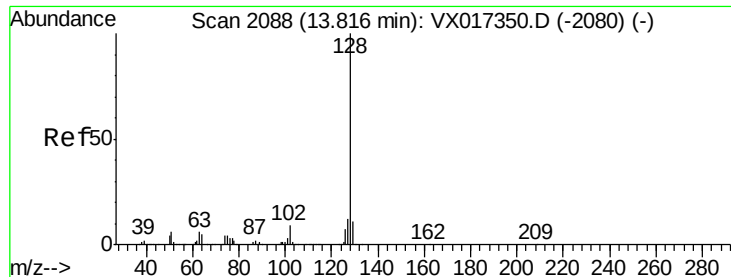


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.364 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2020

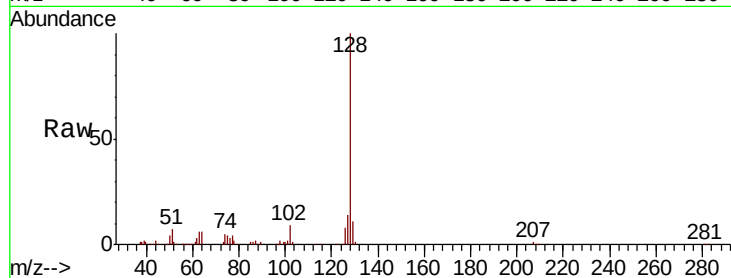
Tot Ion:128 Resp: 66600

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

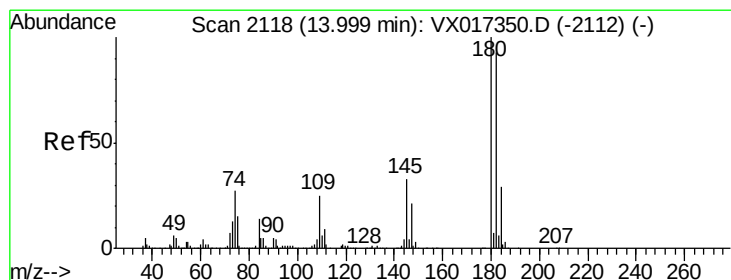
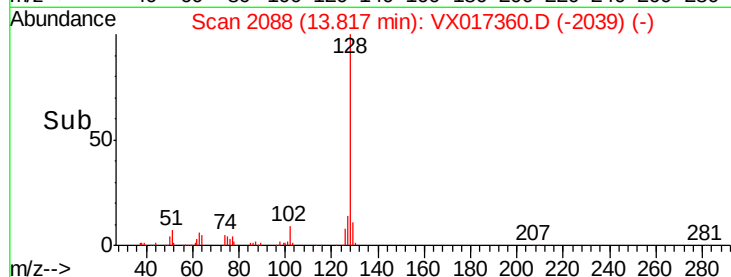
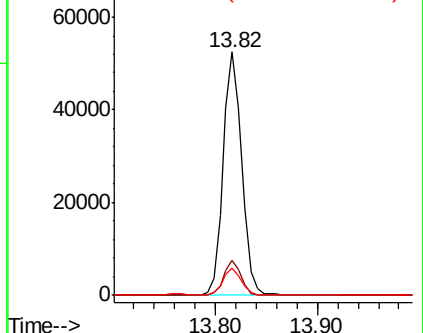
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.789 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017360.D

Acq: 13 Jul 2020 17:59

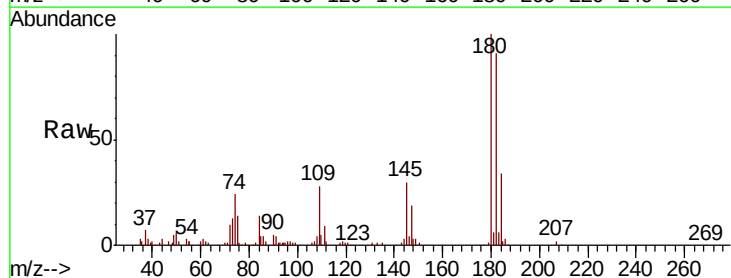
Tgt Ion:180 Resp: 24014

Ion Ratio Lower Upper

180 100

182 91.1 48.8 146.3

145 31.3 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

