

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016059.D
 Acq On : 05 May 2020 13:26
 Operator : JC/SP
 Sample : L2182-08 5.0PPB LOQ
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Quant Time: May 06 05:00:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	286439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	459535	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	422594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211375	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	185308	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	5.47	113	140089	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.70	98	551792	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.12	95	207348	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	14629	4.825	ug/l 94
3) Chloromethane	1.31	50	18055	5.128	ug/l 96
4) Vinyl Chloride	1.39	62	18950	5.045	ug/l 98
5) Bromomethane	1.62	94	11348	5.992	ug/l 92
6) Chloroethane	1.70	64	12254	5.361	ug/l 98
7) Trichlorofluoromethane	1.91	101	25491	5.169	ug/l 97
8) Diethyl Ether	2.17	74	10748	5.172	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	14998	5.271	ug/l 99
10) Methyl Iodide	2.49	142	15577	4.076	ug/l 98
11) Tert butyl alcohol	3.02	59	24577	25.785	ug/l 98
12) 1,1-Dichloroethene	2.36	96	15186	5.100	ug/l 99
13) Acrolein	2.27	56	15135	25.375	ug/l 94
14) Allyl chloride	2.70	41	27434	5.025	ug/l 96
15) Acrylonitrile	3.12	53	49501	25.035	ug/l 99
16) Acetone	2.42	43	43314	25.755	ug/l 99
17) Carbon Disulfide	2.55	76	47286	5.102	ug/l 97
18) Methyl Acetate	2.75	43	20934	5.062	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	53380	5.200	ug/l 100
20) Methylene Chloride	2.84	84	17493	5.046	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	16583	4.998	ug/l 98
22) Diisopropyl ether	3.83	45	52649	5.112	ug/l 91
23) Vinyl Acetate	3.79	43	226803	25.029	ug/l 99
24) 1,1-Dichloroethane	3.67	63	29806	5.173	ug/l 96
25) 2-Butanone	4.64	43	67526	24.917	ug/l 97
26) 2,2-Dichloropropane	4.55	77	25988	4.939	ug/l 100
27) cis-1,2-Dichloroethene	4.57	96	19083	5.261	ug/l 97
28) Bromochloromethane	4.98	49	14802	5.634	ug/l 95
29) Tetrahydrofuran	5.10	42	43695	24.333	ug/l 97
30) Chloroform	5.17	83	30326	5.286	ug/l 95
31) Cyclohexane	5.55	56	26867	5.131	ug/l 96
32) 1,1,1-Trichloroethane	5.47	97	27327	5.241	ug/l 98
36) 1,1-Dichloropropene	5.77	75	23083	5.103	ug/l 98
37) Ethyl Acetate	4.79	43	26784	5.109	ug/l 100
38) Carbon Tetrachloride	5.76	117	23572	5.127	ug/l 96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Quant Time: May 06 05:00:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 04:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	26668	4.895	ug/l	98
40) Benzene	6.12	78	67198	5.077	ug/l	100
41) Methacrylonitrile	5.01	41	14110	4.983	ug/l	99
42) 1,2-Dichloroethane	6.17	62	24570	5.153	ug/l	98
43) Isopropyl Acetate	6.42	43	42105	5.033	ug/l	99
44) Trichloroethene	7.19	130	24778	5.270	ug/l	100
45) 1,2-Dichloropropane	7.49	63	17670	5.276	ug/l	96
46) Dibromomethane	7.64	93	12004	5.274	ug/l	97
47) Bromodichloromethane	7.88	83	22974	4.956	ug/l	98
48) Methyl methacrylate	7.74	41	19015	4.797	ug/l	97
49) 1,4-Dioxane	7.72	88	9568	100.647	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	128706	25.143	ug/l	98
52) Toluene	8.77	92	42680	5.173	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	27056	4.896	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	28446	4.928	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	16688	5.141	ug/l	97
56) Ethyl methacrylate	9.16	69	25472	4.808	ug/l	97
57) 1,3-Dichloropropane	9.35	76	29171	5.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	68999	24.462	ug/l	100
59) 2-Hexanone	9.48	43	97882	24.348	ug/l	99
60) Dibromochloromethane	9.57	129	17659	4.940	ug/l	99
61) 1,2-Dibromoethane	9.65	107	17678	5.028	ug/l	99
64) Tetrachloroethene	9.32	164	27380	5.278	ug/l	98
65) Chlorobenzene	10.12	112	44979	5.083	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	16520	5.051	ug/l	100
67) Ethyl Benzene	10.24	91	79795	5.054	ug/l	98
68) m/p-Xylenes	10.34	106	59258	10.018	ug/l	98
69) o-Xylene	10.68	106	28653	5.039	ug/l	99
70) Styrene	10.70	104	46999	4.872	ug/l	98
71) Bromoform	10.84	173	12635	4.742	ug/l #	99
73) Isopropylbenzene	11.00	105	76867	5.000	ug/l	99
74) N-amyl acetate	10.88	43	34043	4.747	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	11827	8.006	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	31344	6.535	ug/l	86
77) Bromobenzene	11.24	156	19640	4.949	ug/l	99
78) n-propylbenzene	11.34	91	88019	4.921	ug/l	99
79) 2-Chlorotoluene	11.40	91	53196	5.039	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	64150	4.942	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	9101	4.522	ug/l	95
82) 4-Chlorotoluene	11.49	91	62028	4.975	ug/l	100
83) tert-Butylbenzene	11.76	119	55316	4.945	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	64258	4.896	ug/l	99
85) sec-Butylbenzene	11.93	105	73793	4.886	ug/l	100
86) p-Isopropyltoluene	12.05	119	68081	4.855	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	34752	4.877	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	35016	4.842	ug/l	93
89) n-Butylbenzene	12.37	91	59995	4.683	ug/l	97
90) Hexachloroethane	12.58	117	10796	4.483	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	33708	4.913	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5624	4.449	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Quant Time: May 06 05:00:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 04:29:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	22920	4.512	ug/l	99
94) Hexachlorobutadiene	13.77	225	10968	5.485	ug/l	98
95) Naphthalene	13.82	128	75613	4.597	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	22912	4.615	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

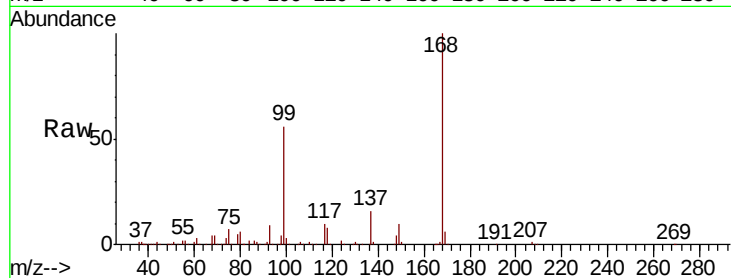
LOQ-WATER-02-QT2-2020

Tot Ion:168 Resp: 286439

Ion Ratio Lower Upper

168 100

99 56.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

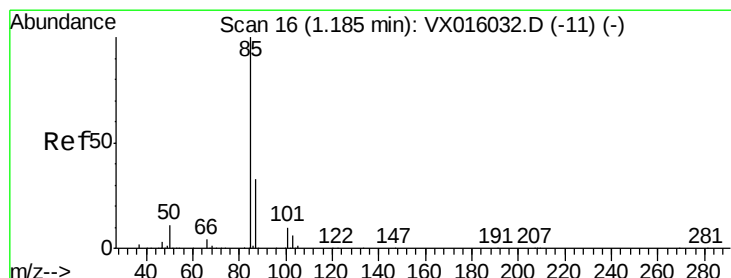
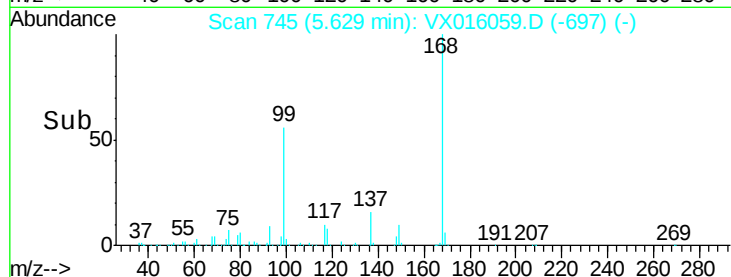
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.825 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016059.D

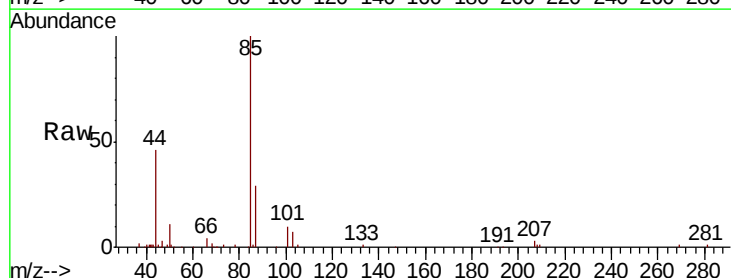
Acq: 05 May 2020 13:26

Tgt Ion: 85 Resp: 14629

Ion Ratio Lower Upper

85 100

87 29.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

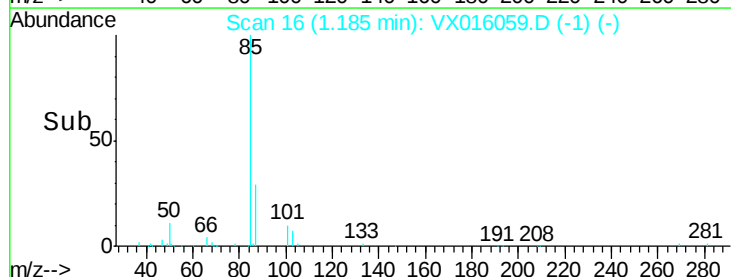
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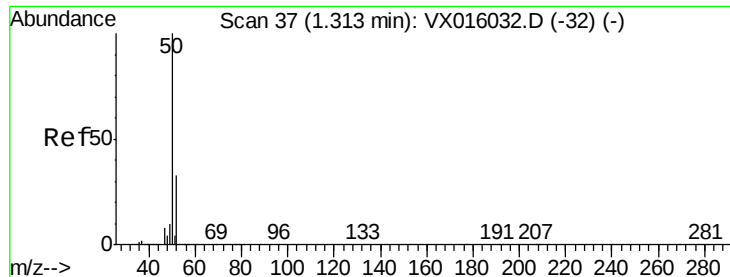
10000

5000

0

Time-->





#3

Chloromethane

Concen: 5.128 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

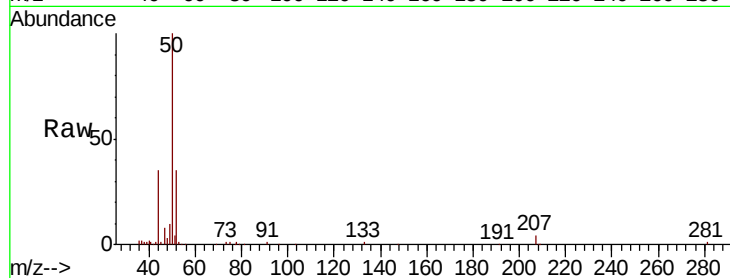
LOQ-WATER-02-QT2-2020

Tot Ion: 50 Resp: 18055

Ion Ratio Lower Upper

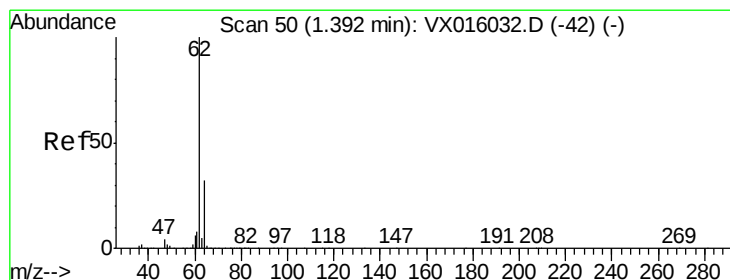
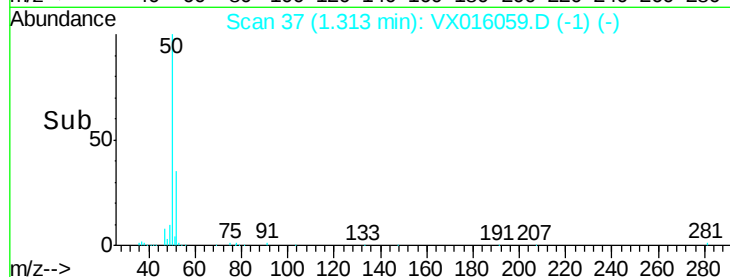
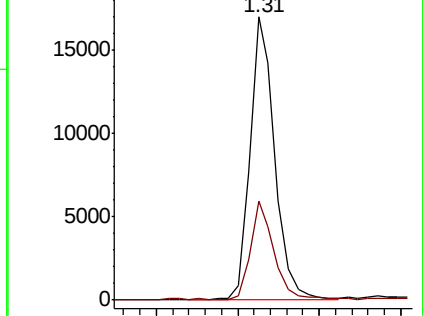
50 100

52 34.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.045 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016059.D

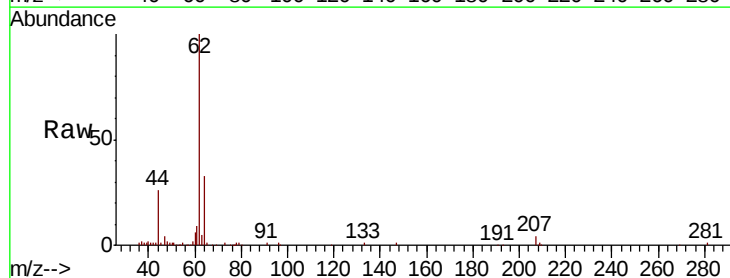
Acq: 05 May 2020 13:26

Tgt Ion: 62 Resp: 18950

Ion Ratio Lower Upper

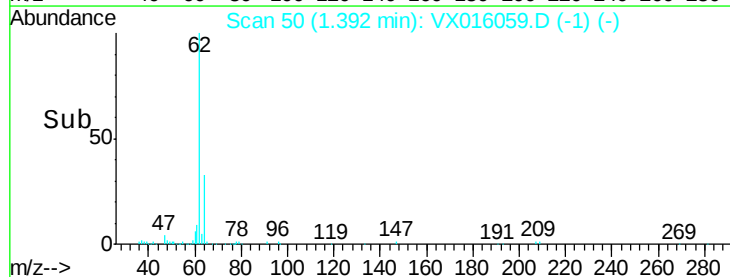
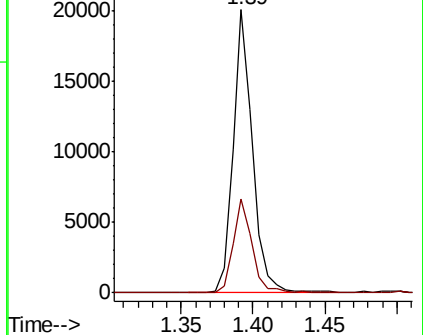
62 100

64 33.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.992 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

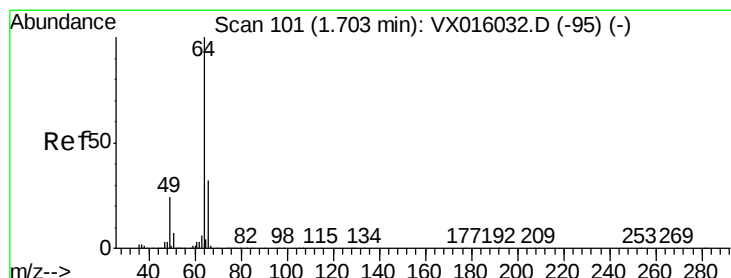
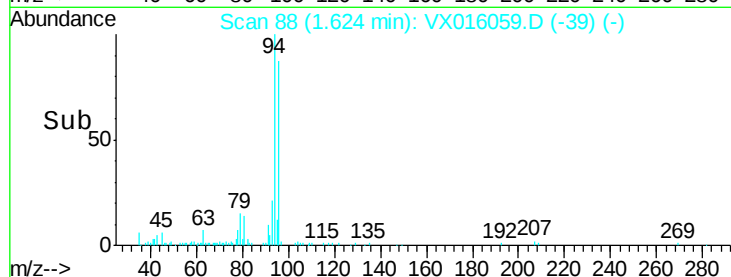
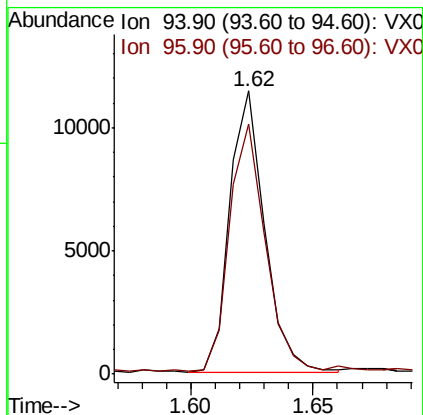
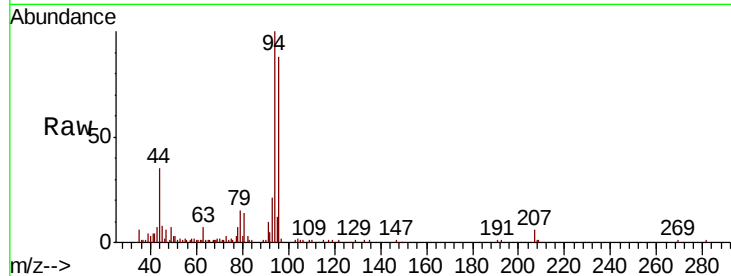
LOQ-WATER-02-QT2-2020

Tot Ion: 94 Resp: 11348

Ion Ratio Lower Upper

94 100

96 87.8 76.9 115.3



#6

Chloroethane

Concen: 5.361 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016059.D

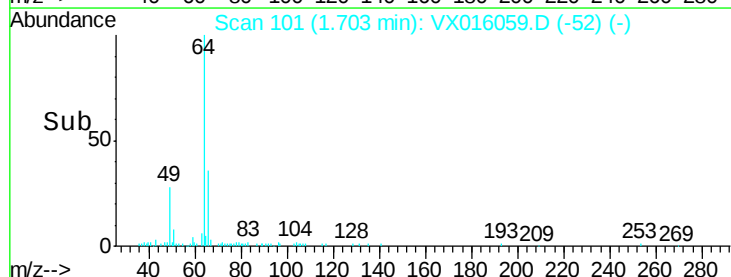
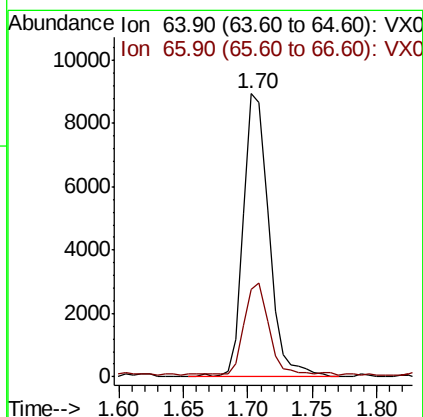
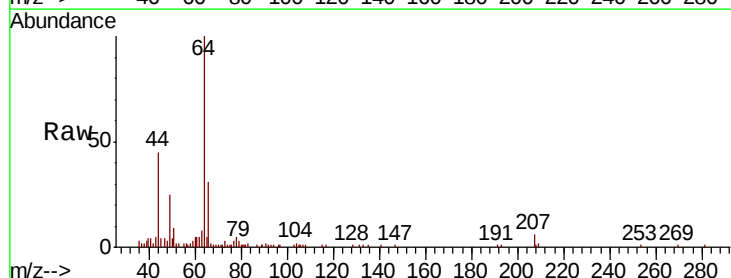
Acq: 05 May 2020 13:26

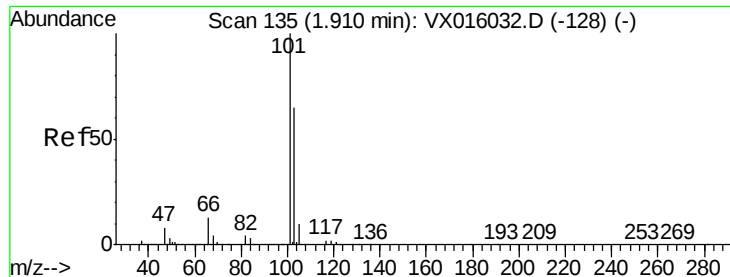
Tgt Ion: 64 Resp: 12254

Ion Ratio Lower Upper

64 100

66 30.3 25.2 37.8





#7

Trichlorofluoromethane

Concen: 5.169 ug/l

RT: 1.91 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

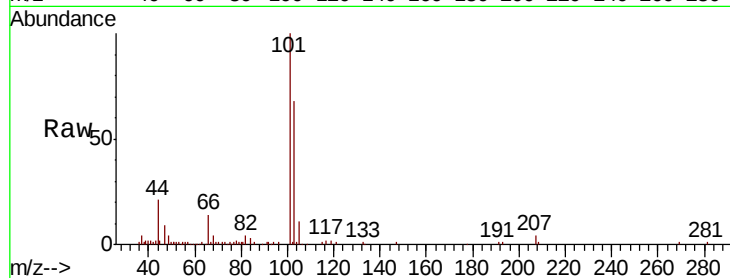
LOQ-WATER-02-QT2-2020

Tot Ion:101 Resp: 25491

Ion Ratio Lower Upper

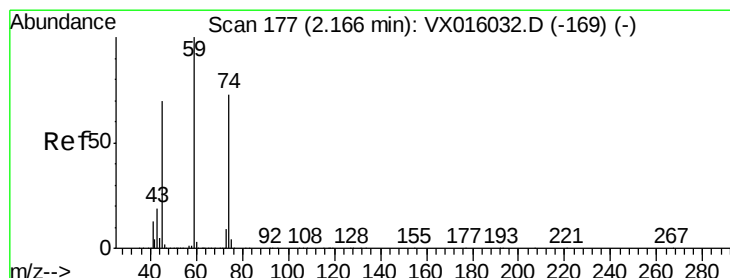
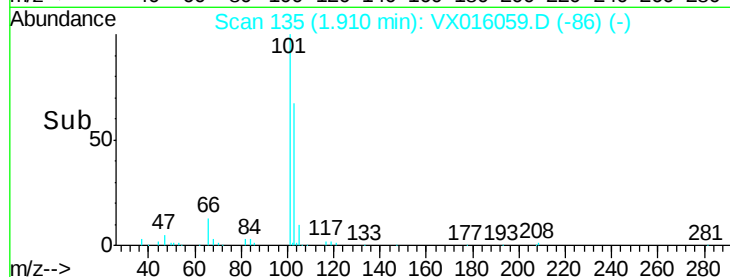
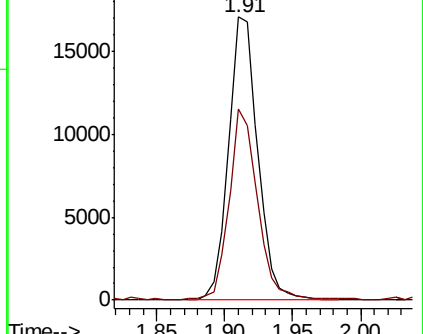
101 100

103 66.9 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.172 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016059.D

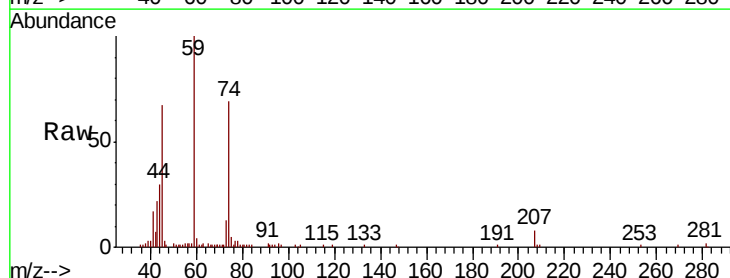
Acq: 05 May 2020 13:26

Tgt Ion: 74 Resp: 10748

Ion Ratio Lower Upper

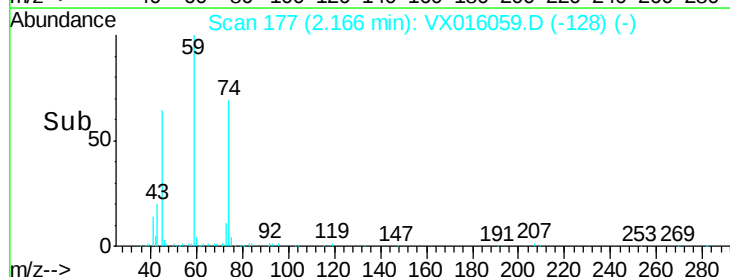
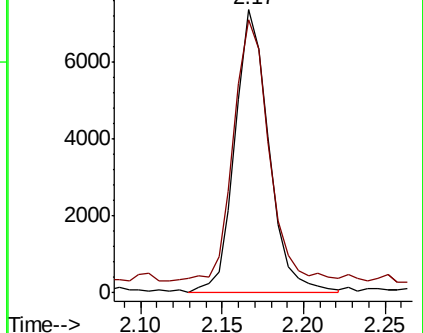
74 100

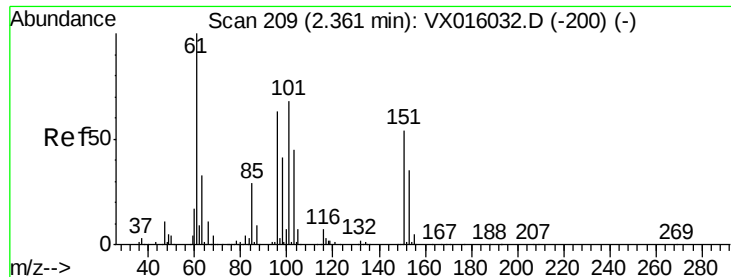
45 94.7 47.3 142.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.271 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016059.D

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Instrument :

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ClientSampleId :

LOQ-WATER-02-QT2-2020

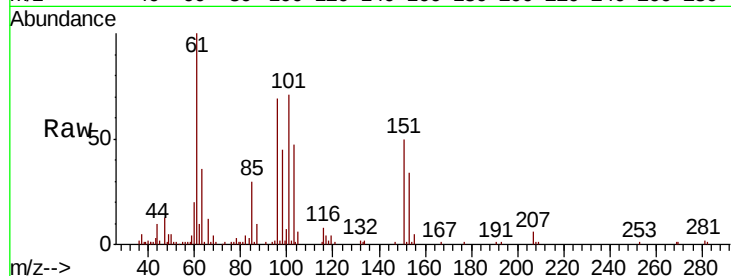
Tot Ion:101 Resp: 14998

Ion Ratio Lower Upper

101 100

85 44.0 34.2 51.4

151 77.4 62.1 93.1

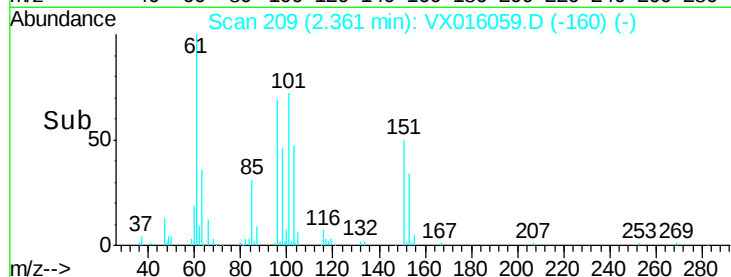


Abundance Ion 100.90 (100.60 to 101.60): V

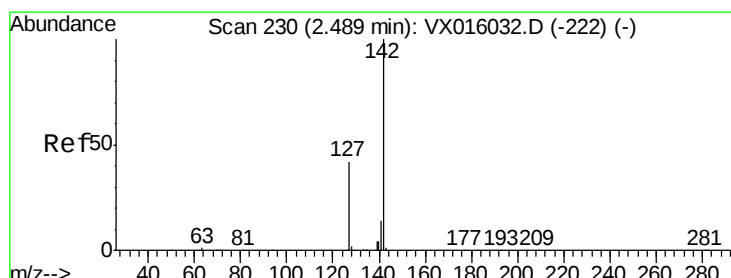
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

Time-->



Time-->



#10

Methyl Iodide

Concen: 4.076 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

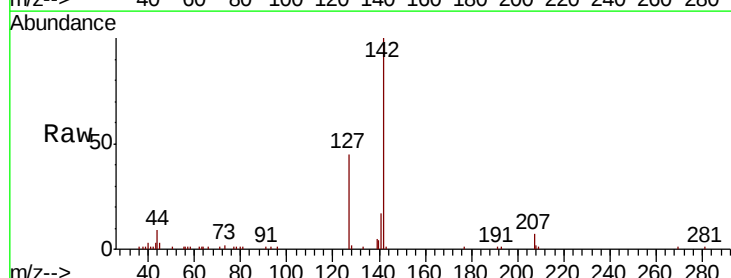
Tgt Ion:142 Resp: 15577

Ion Ratio Lower Upper

142 100

127 44.8 34.6 52.0

141 15.1 11.3 16.9

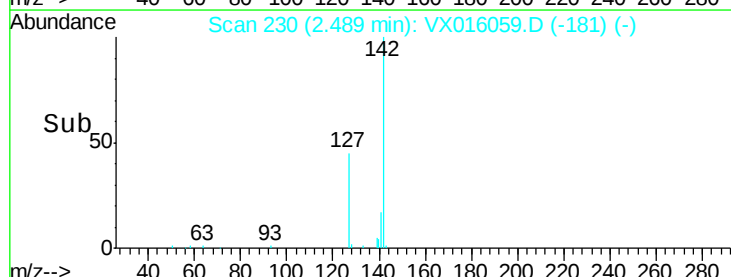


Abundance Ion 141.80 (141.50 to 142.50): V

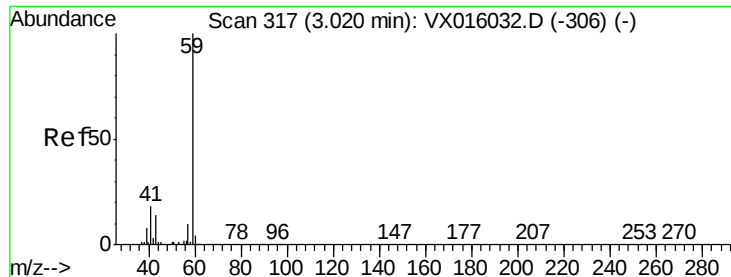
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->



Time-->

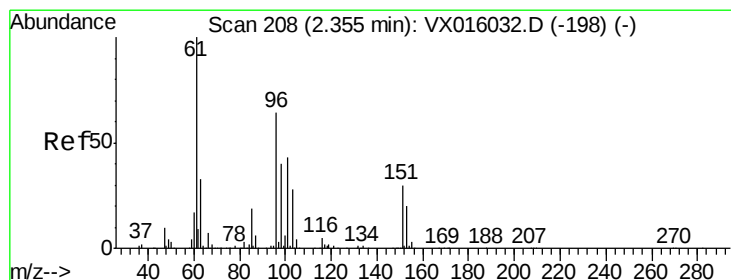
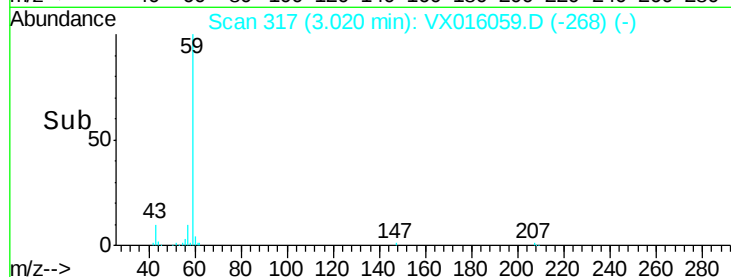
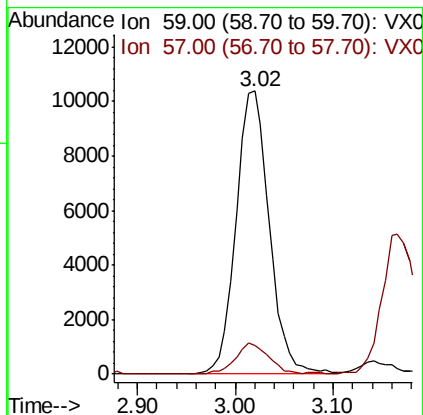
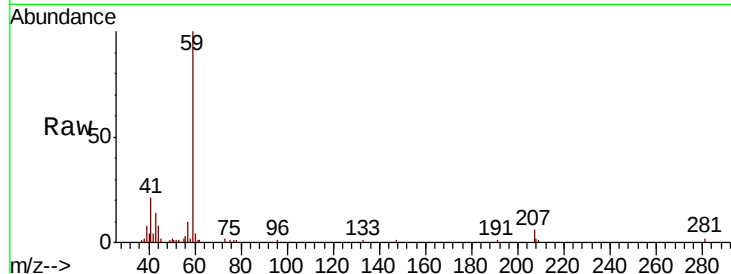


#11

Tert butyl alcohol
Concen: 25.785 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

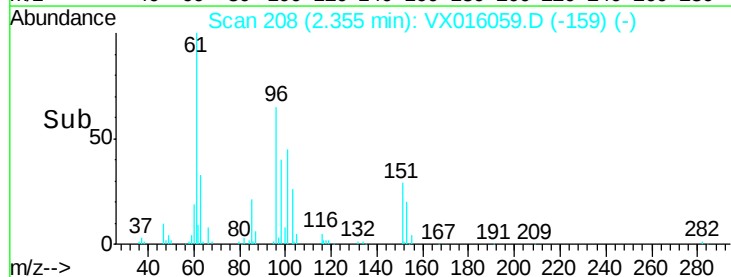
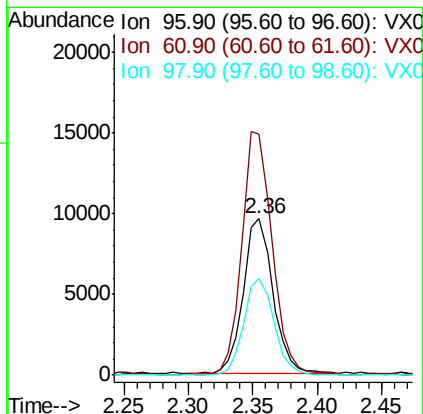
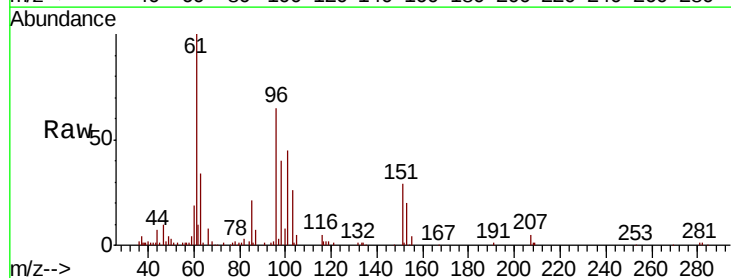
Tot Ion: 59 Resp: 24577
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12

1,1-Dichloroethene
Concen: 5.100 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion: 96 Resp: 15186
Ion Ratio Lower Upper
96 100
61 155.2 124.8 187.2
98 62.4 49.7 74.5

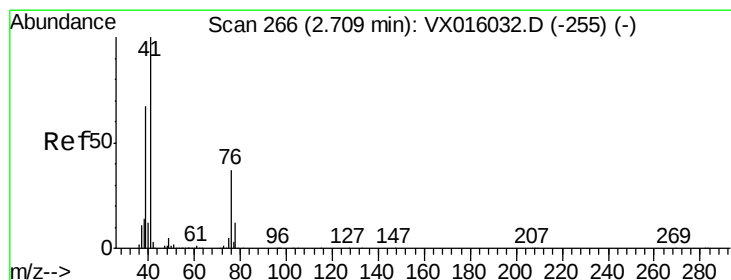
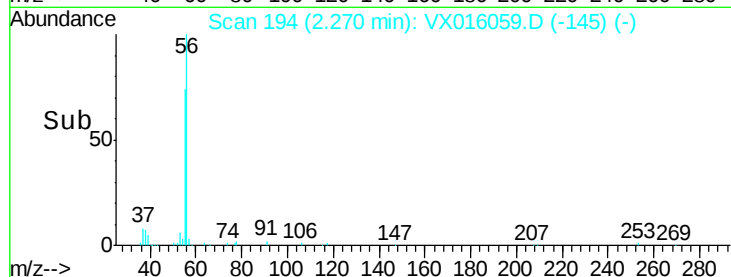
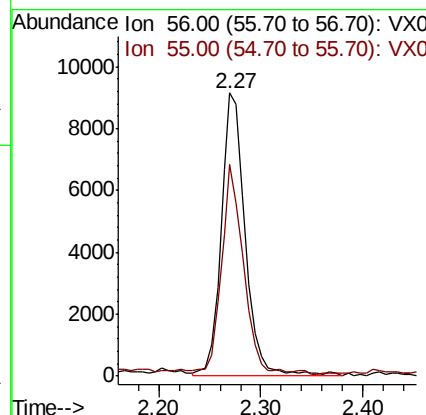
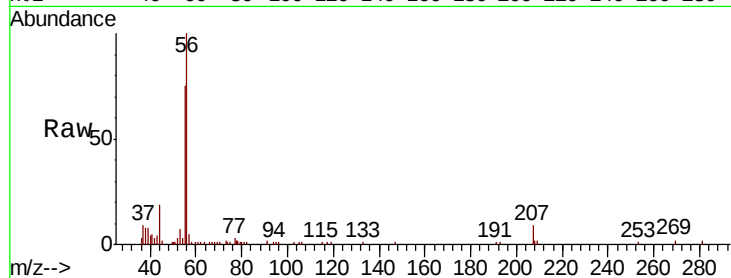




#13
Acrolein
Concen: 25.375 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

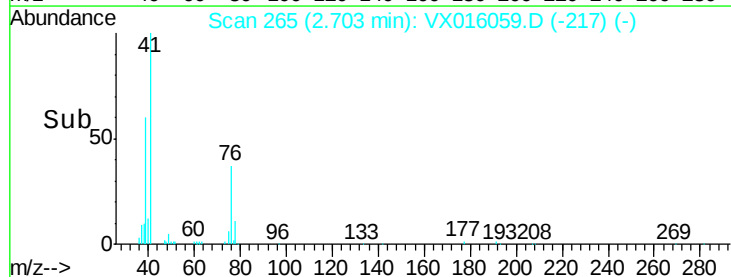
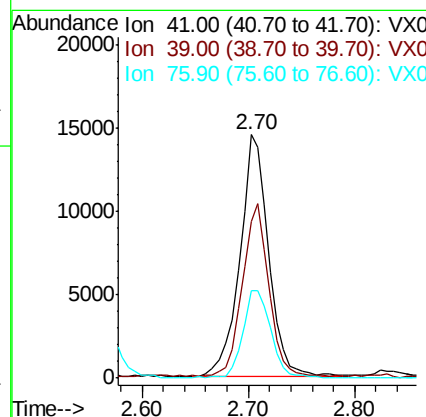
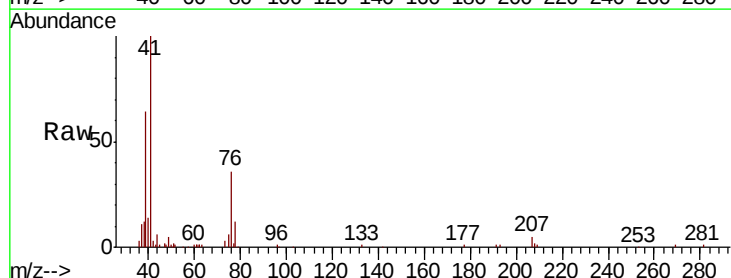
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion: 56 Resp: 15135
Ion Ratio Lower Upper
56 100
55 65.3 56.5 84.7



#14
Allyl chloride
Concen: 5.025 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion: 41 Resp: 27434
Ion Ratio Lower Upper
41 100
39 66.5 50.5 75.7
76 35.1 26.6 40.0

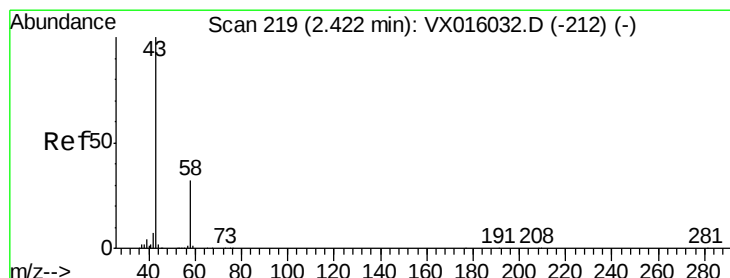
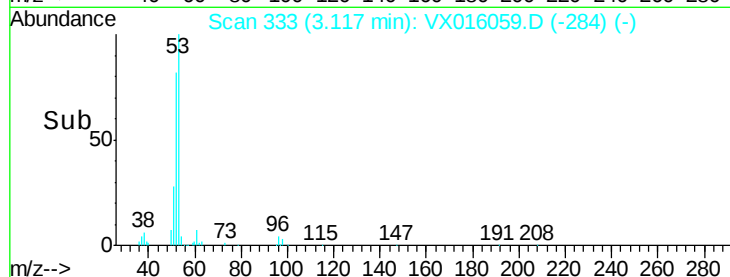
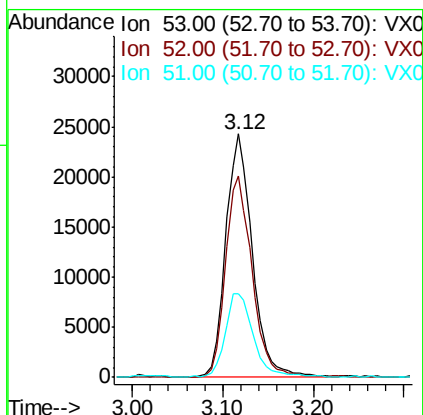
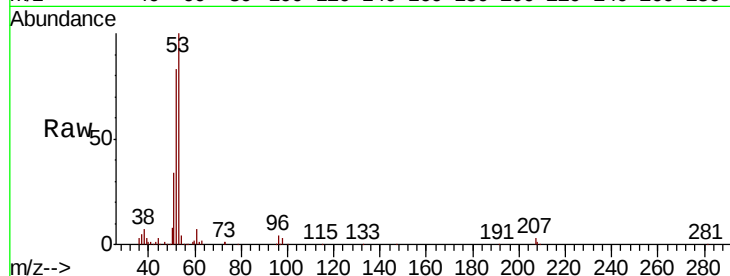




#15
 Acrylonitrile
 Concen: 25.035 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016059.D
 Acq: 05 May 2020 13:26

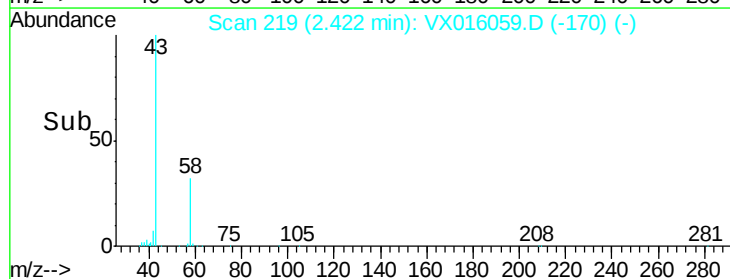
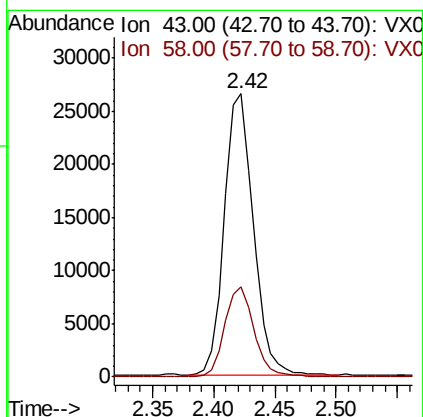
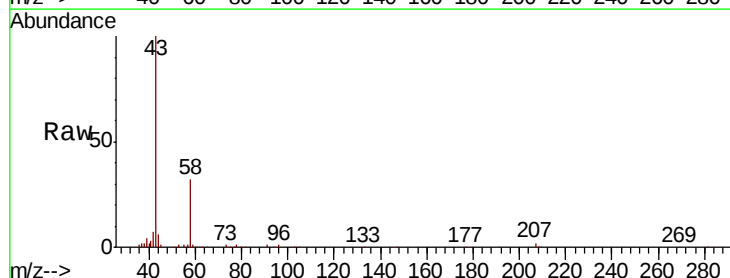
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

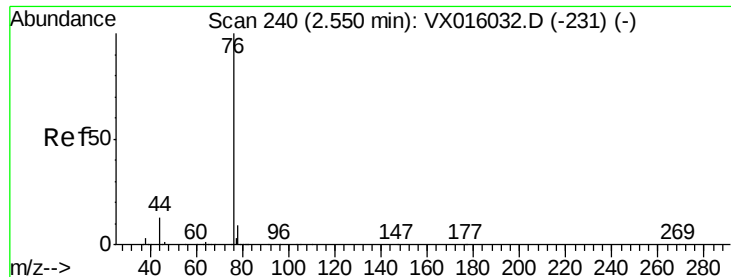
Tot Ion: 53 Resp: 49501
 Ion Ratio Lower Upper
 53 100
 52 82.9 66.1 99.1
 51 37.0 28.8 43.2



#16
 Acetone
 Concen: 25.755 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX016059.D
 Acq: 05 May 2020 13:26

Tgt Ion: 43 Resp: 43314
 Ion Ratio Lower Upper
 43 100
 58 32.1 25.4 38.0





#17

Carbon Disulfide

Concen: 5.102 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

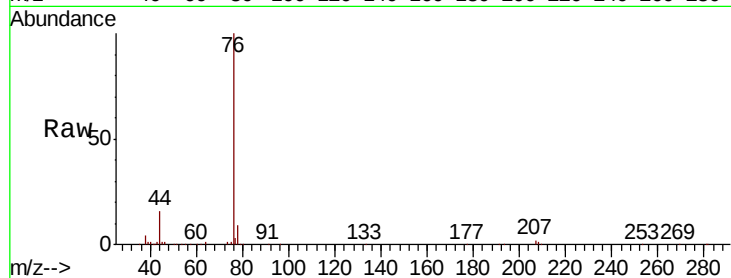
LOQ-WATER-02-QT2-2020

Tot Ion: 76 Resp: 47286

Ion Ratio Lower Upper

76 100

78 8.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

30000

25000

20000

15000

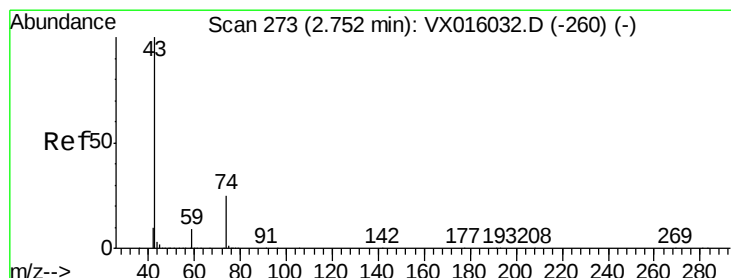
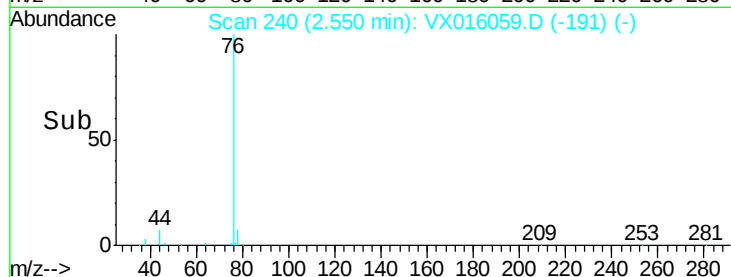
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 5.062 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016059.D

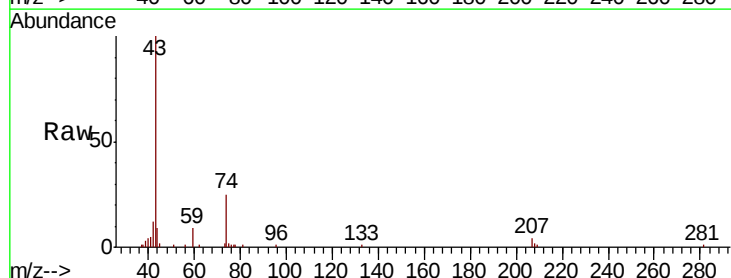
Acq: 05 May 2020 13:26

Tgt Ion: 43 Resp: 20934

Ion Ratio Lower Upper

43 100

74 25.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

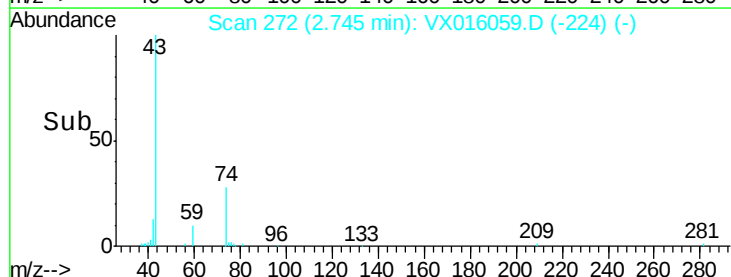
10000

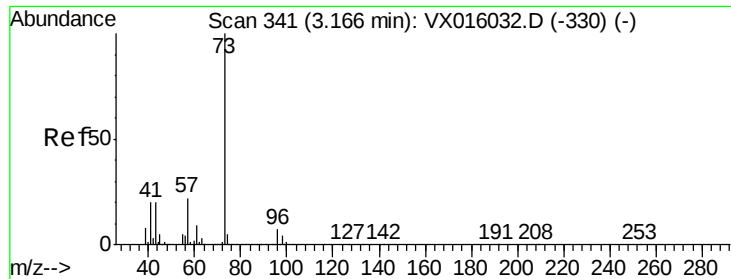
5000

0

Time-->

2.65 2.70 2.75 2.80 2.85

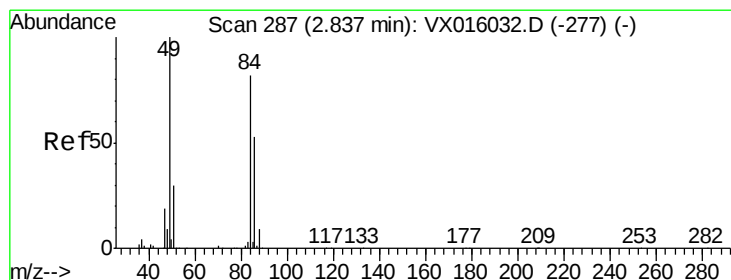
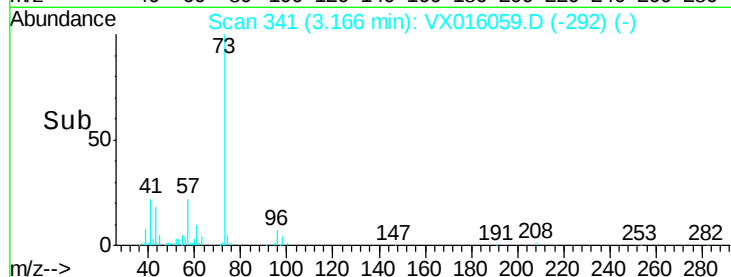
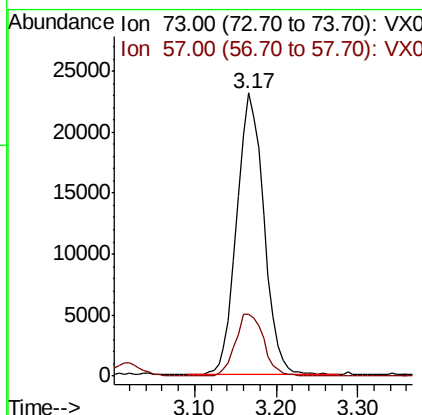
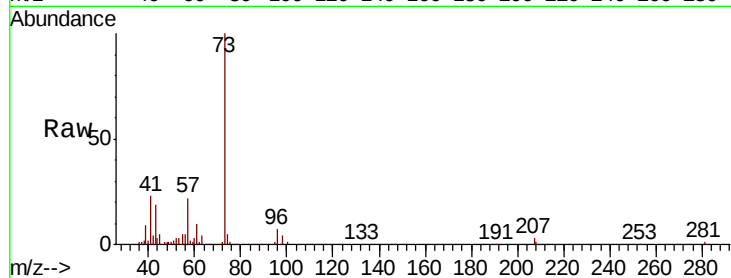




#19
Methyl tert-butyl Ether
Concen: 5.200 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

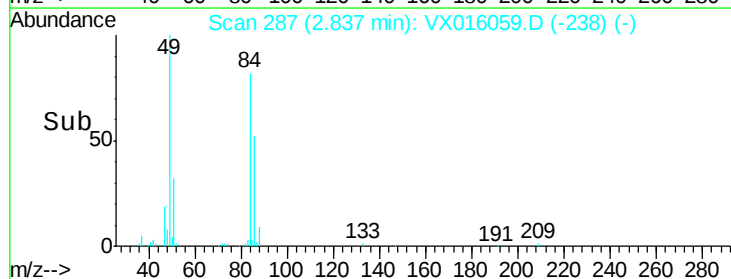
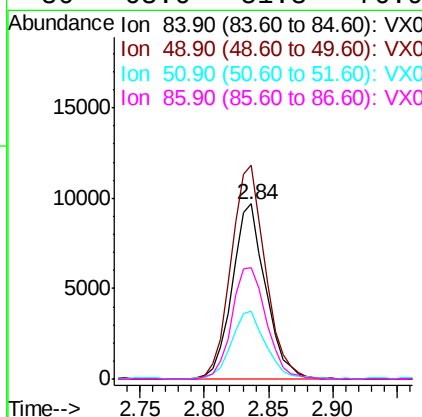
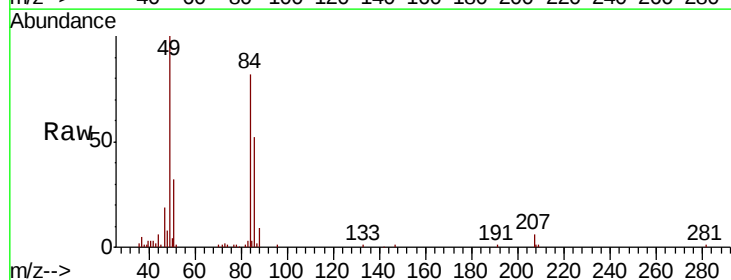
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

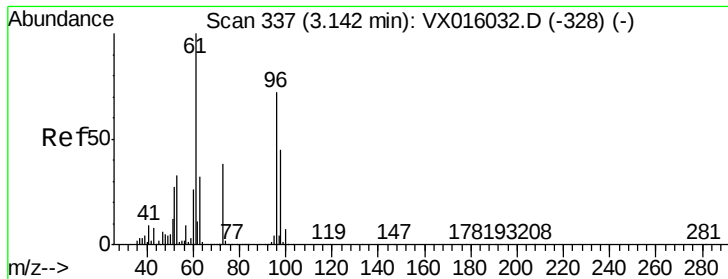
Tot Ion: 73 Resp: 53380
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 5.046 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion: 84 Resp: 17493
Ion Ratio Lower Upper
84 100
49 122.1 97.3 145.9
51 38.7 29.3 43.9
86 63.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 4.998 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

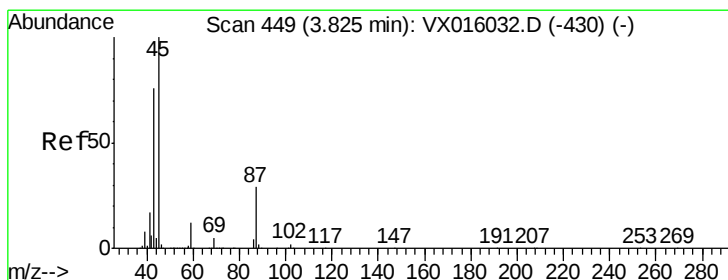
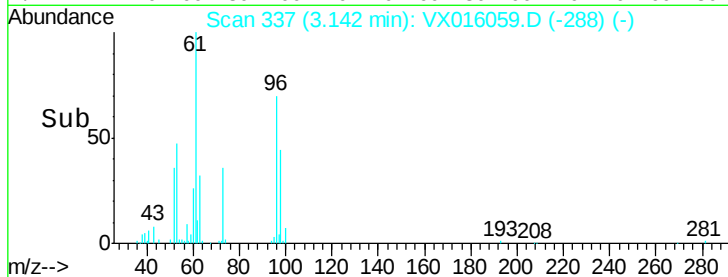
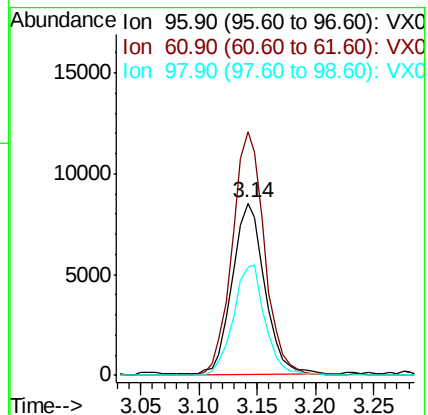
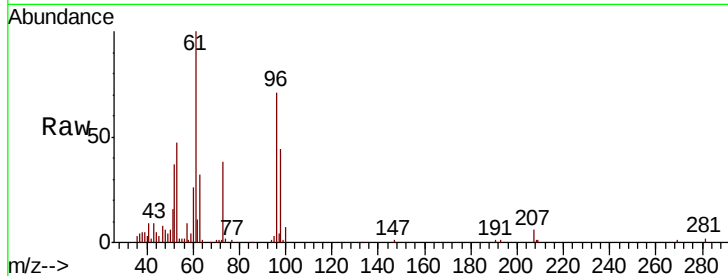
Tot Ion: 96 Resp: 16583

Ion Ratio Lower Upper

96 100

61 142.1 111.2 166.8

98 62.7 50.2 75.4



#22

Diisopropyl ether

Concen: 5.112 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Tgt Ion: 45 Resp: 52649

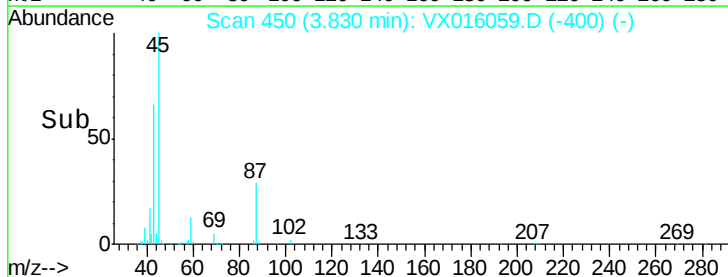
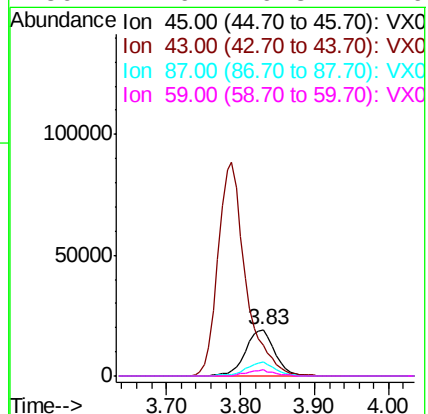
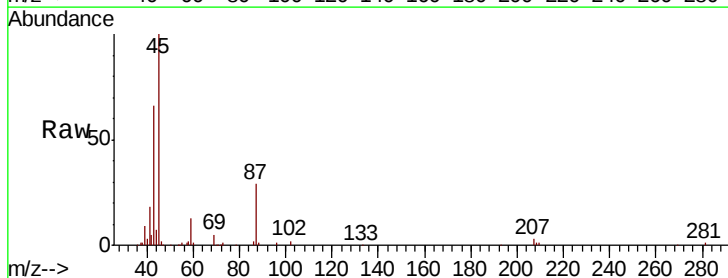
Ion Ratio Lower Upper

45 100

43 65.2 61.1 91.7

87 29.3 23.0 34.6

59 12.6 9.8 14.6





#23

Vinyl Acetate

Concen: 25.029 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

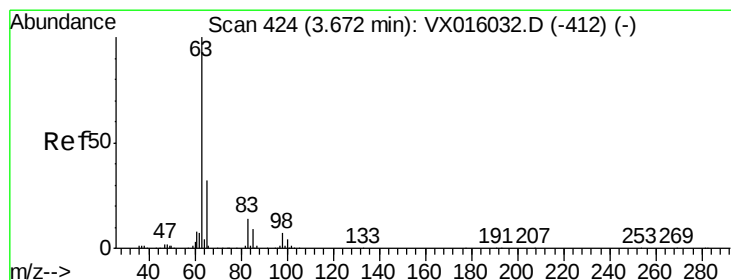
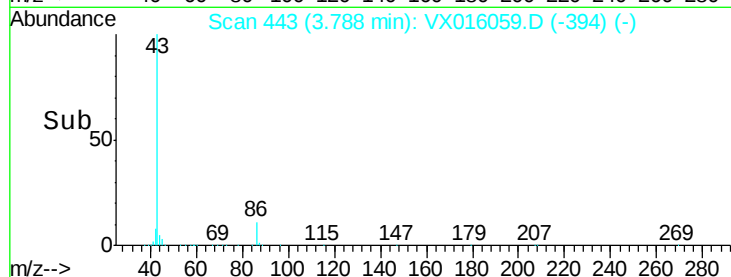
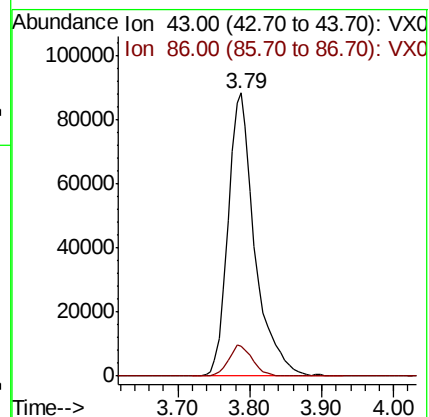
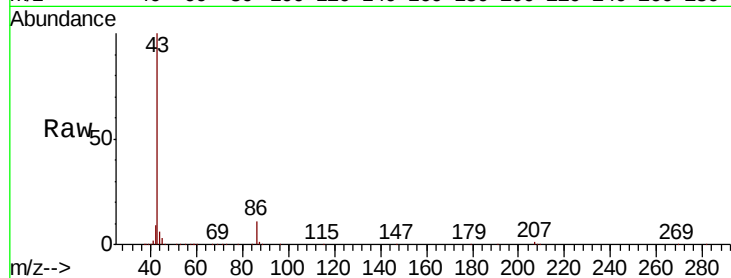
LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 226803

Ion Ratio Lower Upper

43 100

86 10.7 9.0 13.4



#24

1,1-Dichloroethane

Concen: 5.173 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

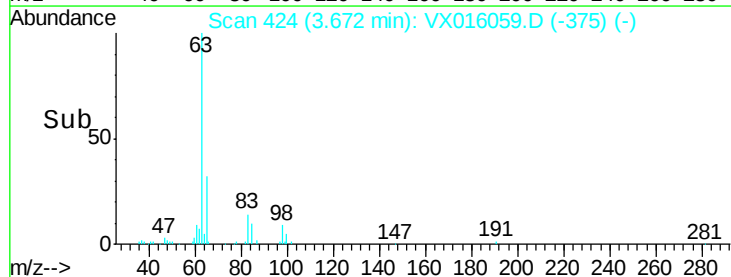
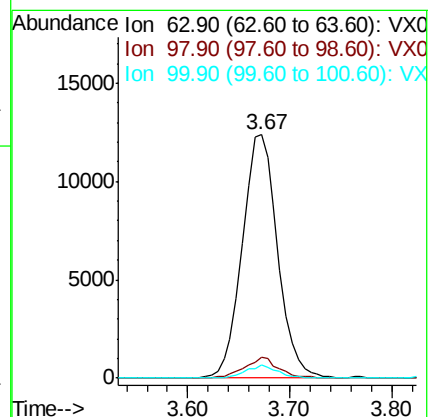
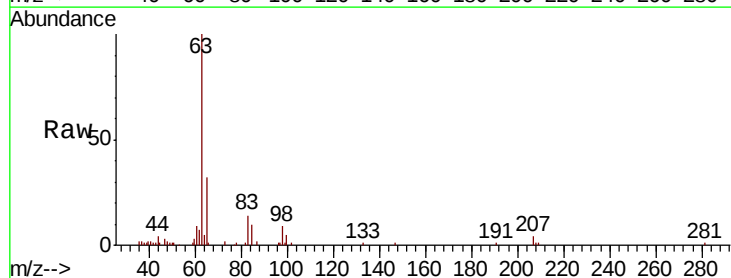
Tgt Ion: 63 Resp: 29806

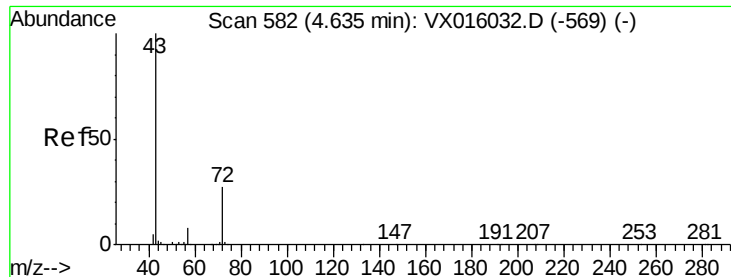
Ion Ratio Lower Upper

63 100

98 8.8 3.5 10.5

100 5.4 2.1 6.5





#25

2-Butanone

Concen: 24.917 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

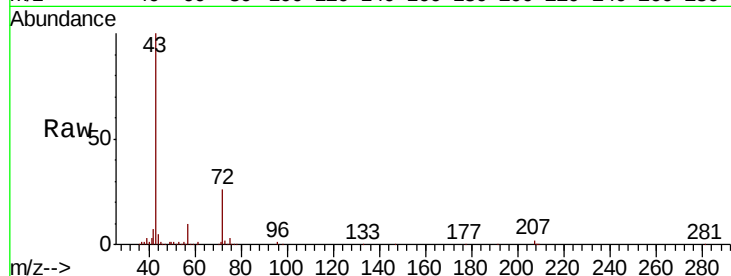
LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 67526

Ion Ratio Lower Upper

43 100

72 25.8 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

25000

20000

15000

10000

5000

0

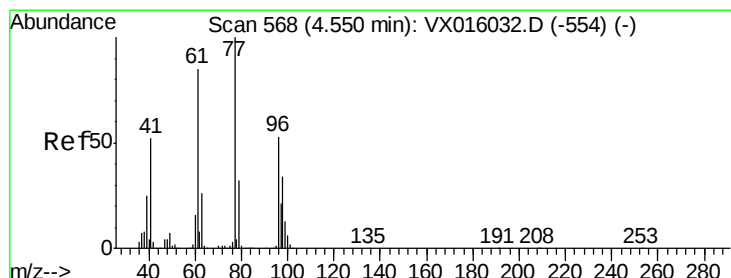
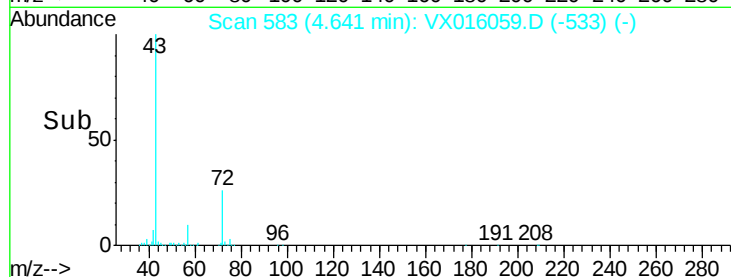
4.64

4.50

4.60

4.70

Time-->



#26

2,2-Dichloropropane

Concen: 4.939 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016059.D

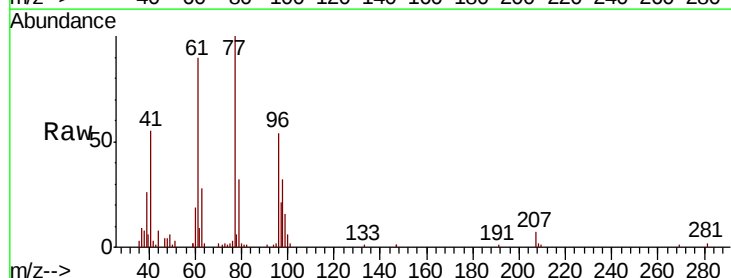
Acq: 05 May 2020 13:26

Tgt Ion: 77 Resp: 25988

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

8000

6000

4000

2000

0

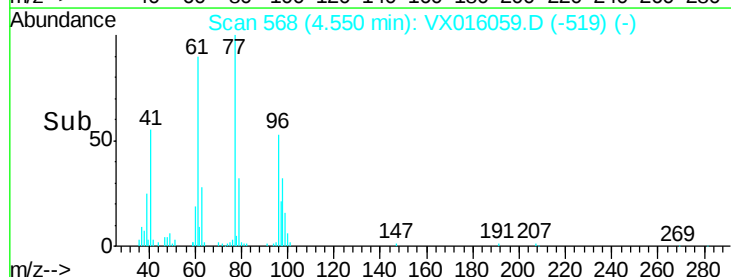
4.55

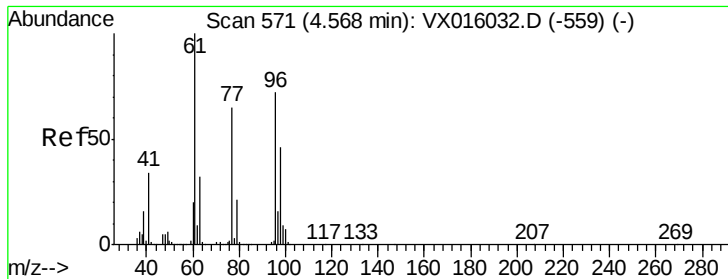
4.40

4.50

4.60

Time-->

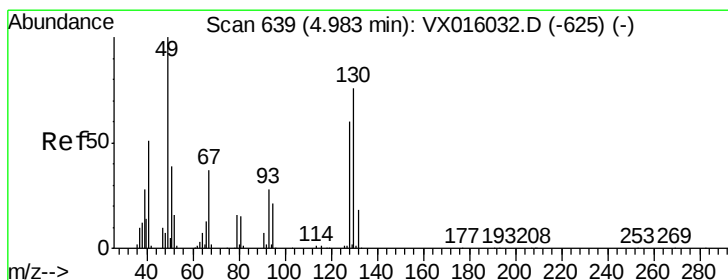
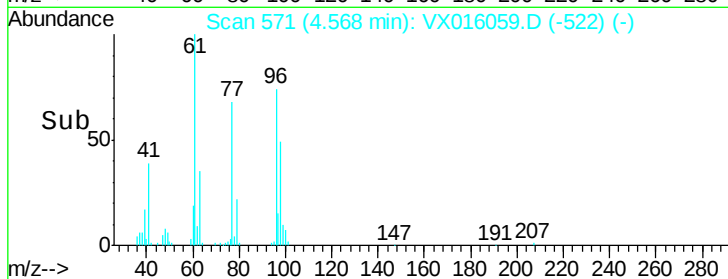
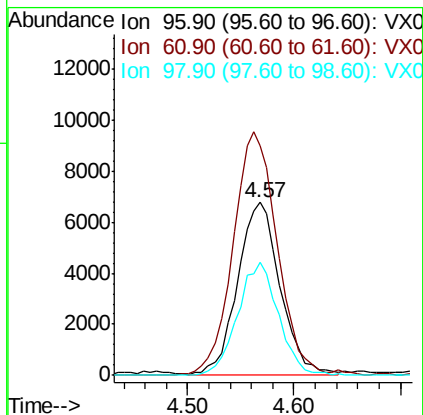
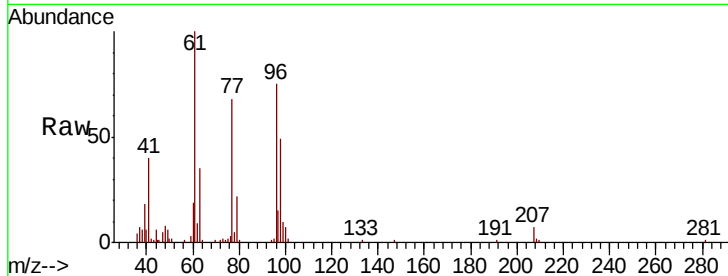




#27
 cis-1,2-Dichloroethene
 Concen: 5.261 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016059.D
 Acq: 05 May 2020 13:26

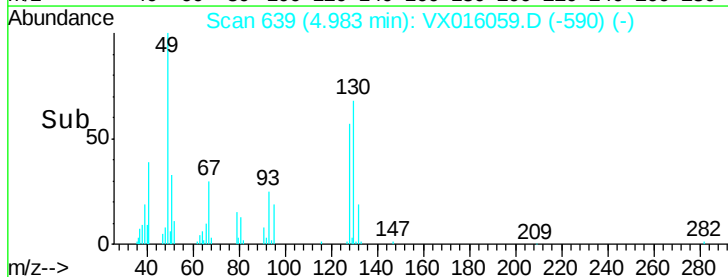
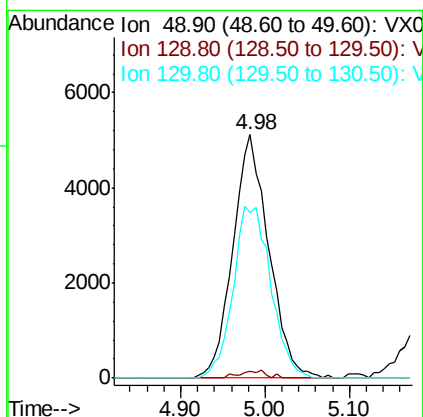
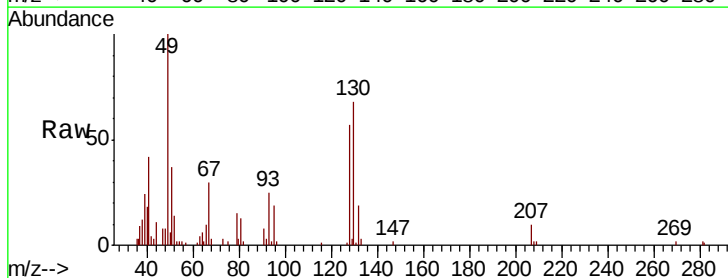
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

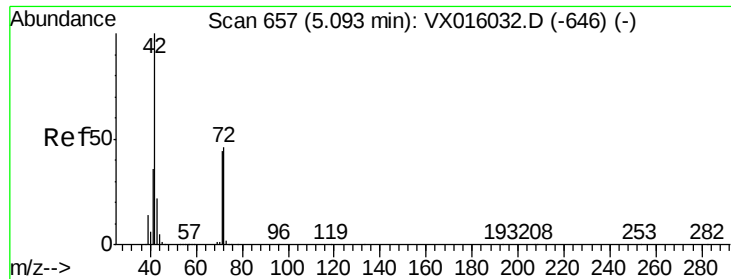
Tot Ion: 96 Resp: 19083
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 296.2
 98 62.3 0.0 129.4



#28
 Bromochloromethane
 Concen: 5.634 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016059.D
 Acq: 05 May 2020 13:26

Tgt Ion: 49 Resp: 14802
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 73.6 62.4 93.6





#29

Tetrahydrofuran

Concen: 24.333 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

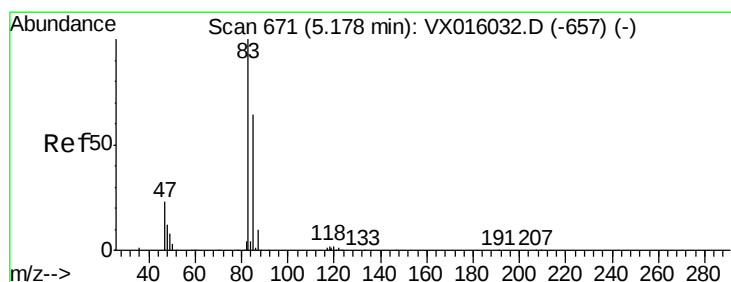
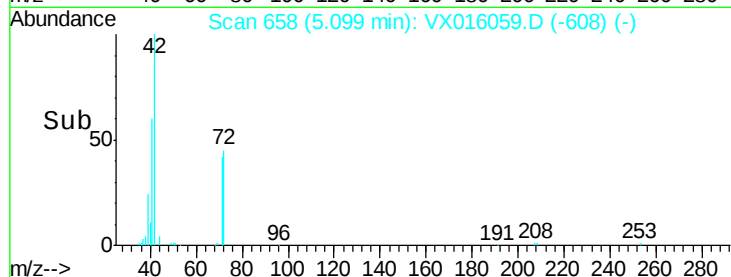
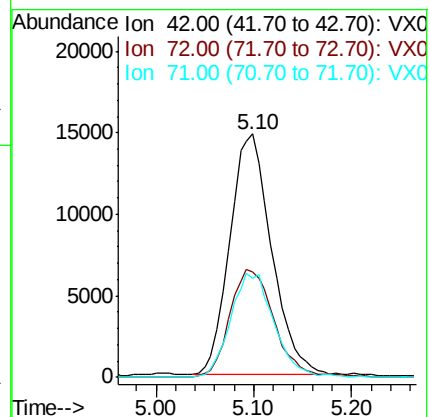
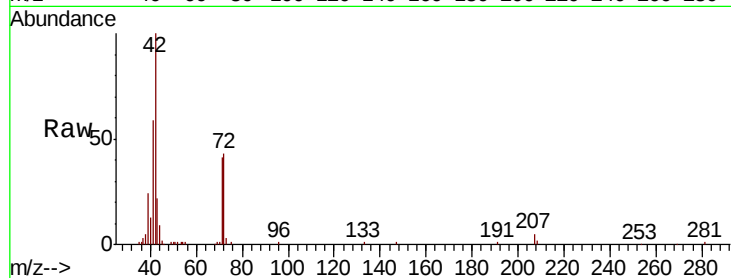
Tot Ion: 42 Resp: 43695

Ion Ratio Lower Upper

42 100

72 48.0 37.1 55.7

71 45.0 34.5 51.7



#30

Chloroform

Concen: 5.286 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016059.D

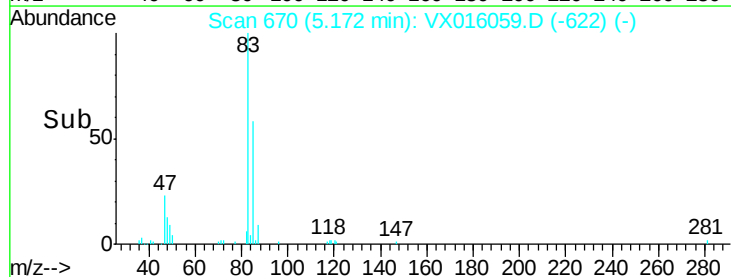
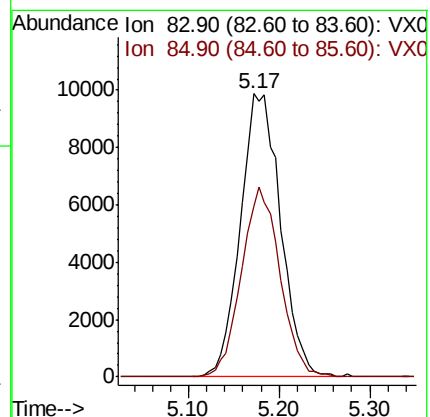
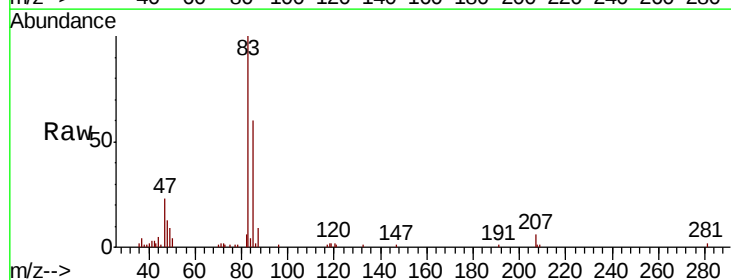
Acq: 05 May 2020 13:26

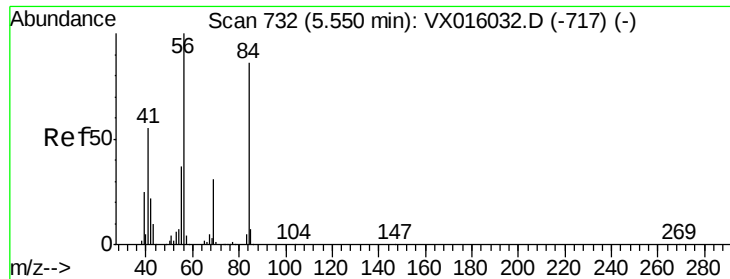
Tgt Ion: 83 Resp: 30326

Ion Ratio Lower Upper

83 100

85 60.3 51.6 77.4

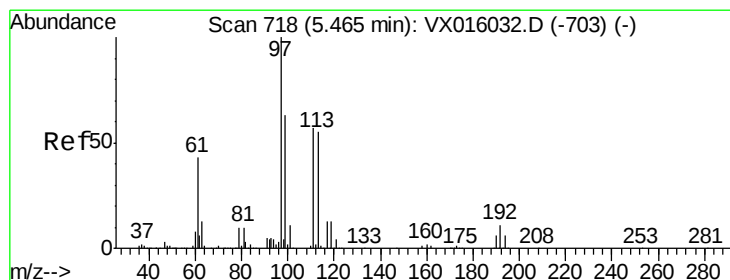
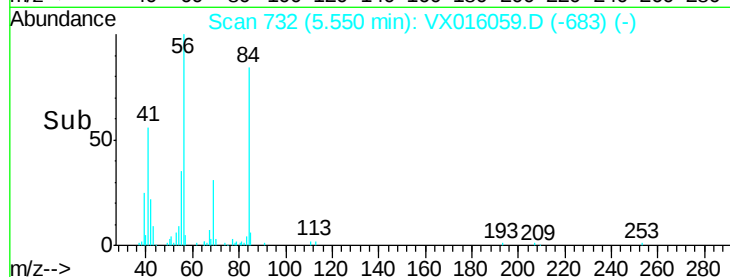
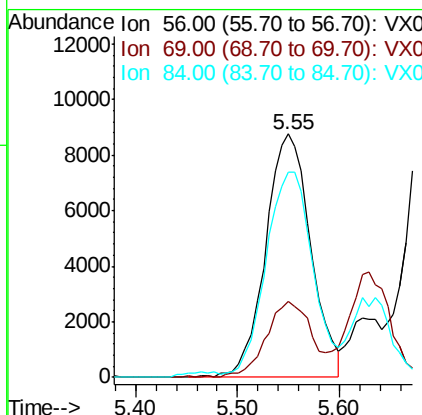
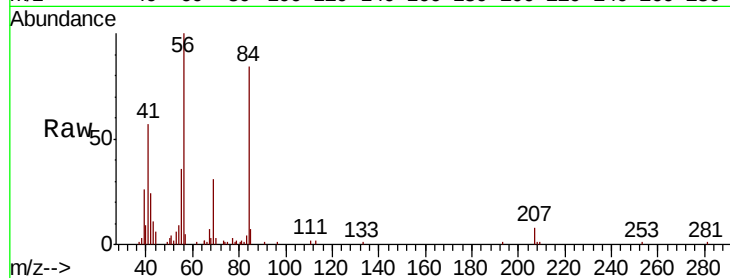




#31
Cyclohexane
Concen: 5.131 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

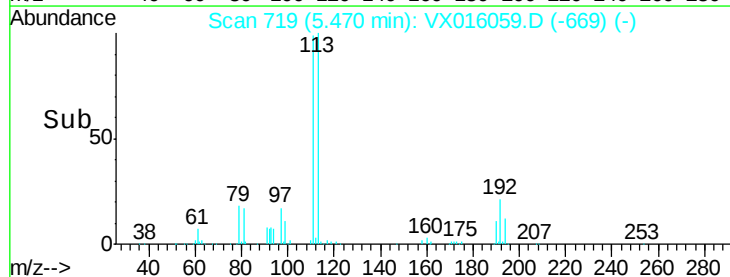
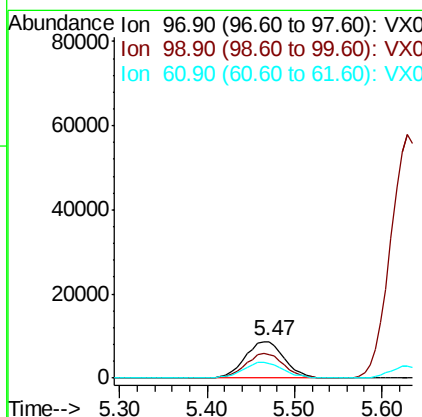
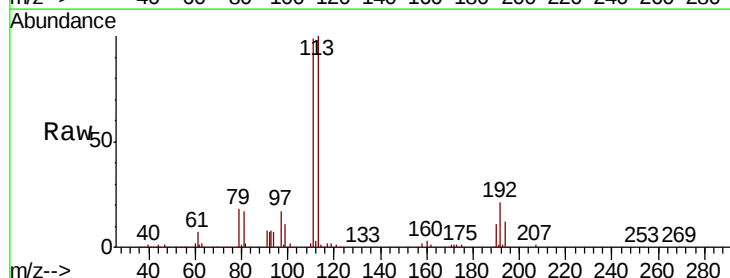
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

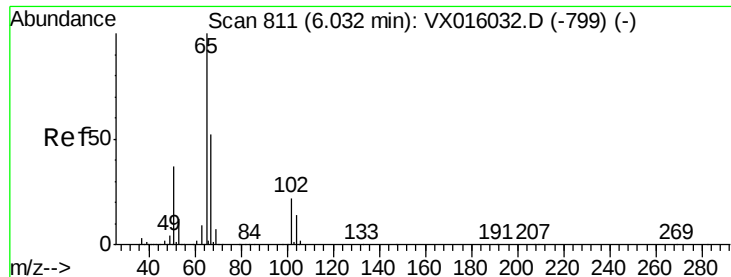
Tot Ion: 56 Resp: 26867
Ion Ratio Lower Upper
56 100
69 30.2 25.0 37.6
84 82.6 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 5.241 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion: 97 Resp: 27327
Ion Ratio Lower Upper
97 100
99 65.9 51.0 76.4
61 44.1 34.5 51.7

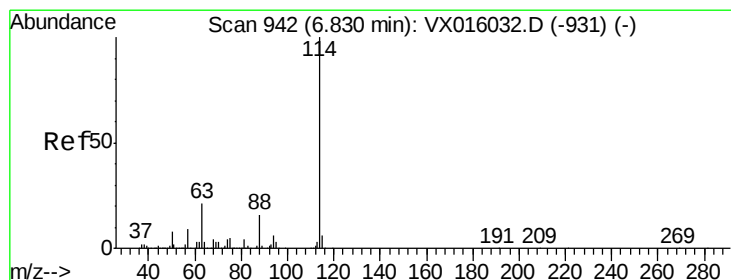
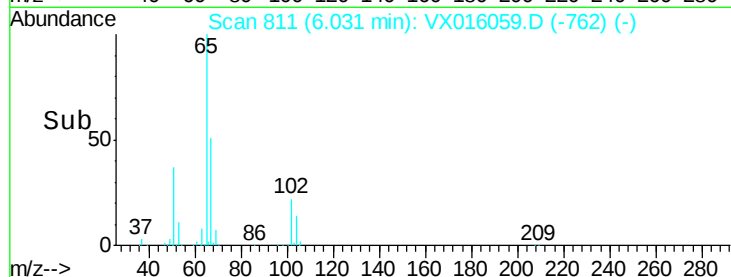
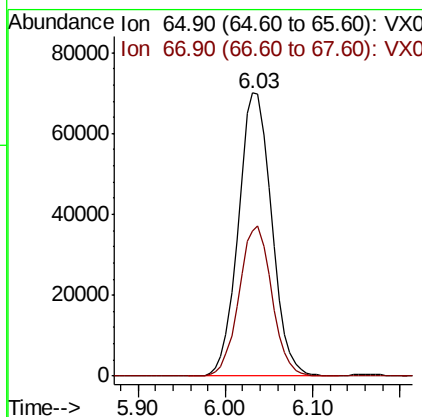
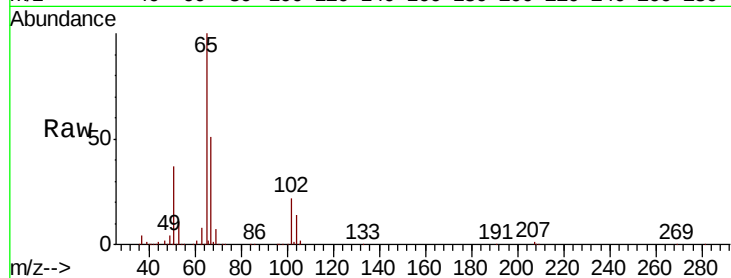




#33
 1,2-Dichloroethane-d4
 Concen: 49.163 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016059.D
 Acq: 05 May 2020 13:26

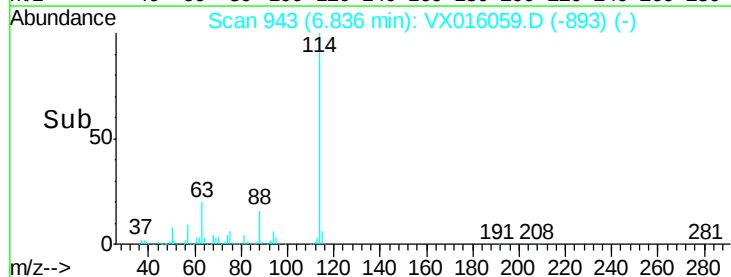
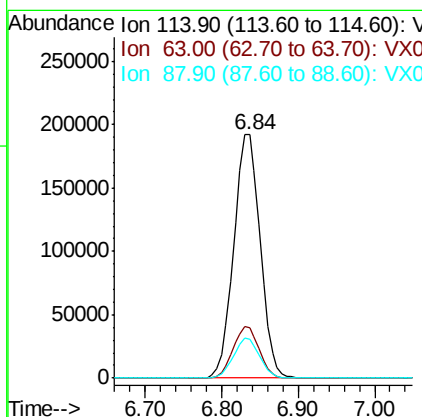
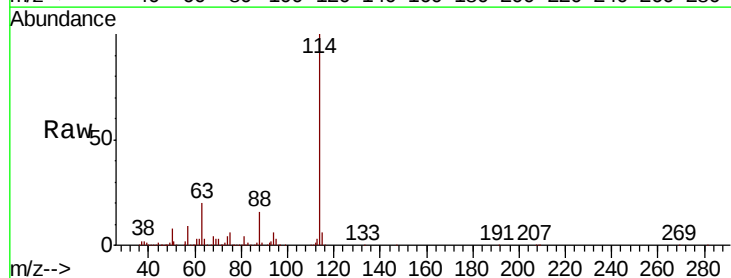
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

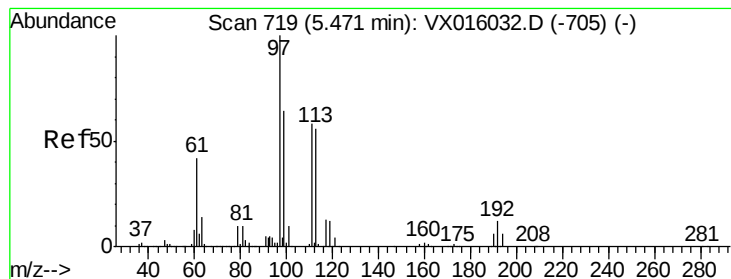
Tot Ion: 65 Resp: 185308
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016059.D
 Acq: 05 May 2020 13:26

Tgt Ion: 114 Resp: 459535
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.8
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.118 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

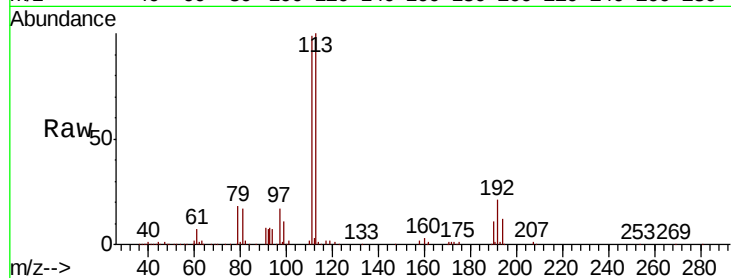
Tot Ion:113 Resp: 140089

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

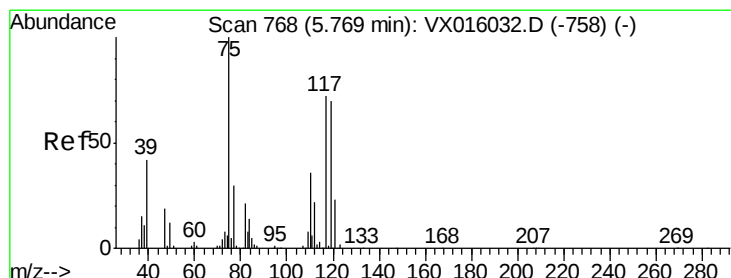
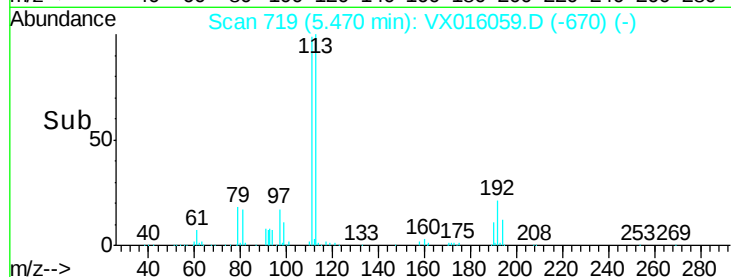
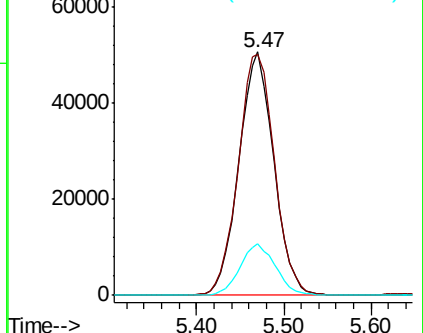
192 21.5 17.0 25.4



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: 5.103 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

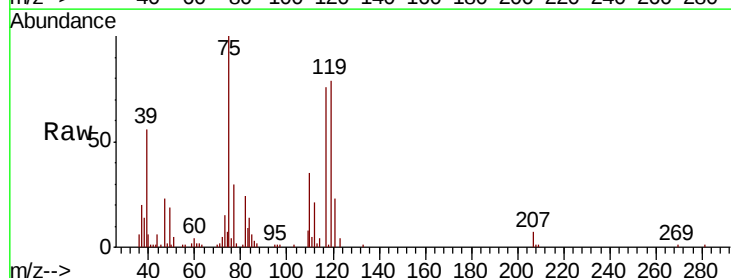
Tgt Ion: 75 Resp: 23083

Ion Ratio Lower Upper

75 100

110 35.6 18.1 54.1

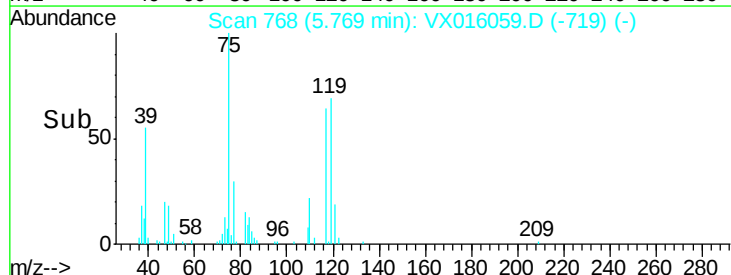
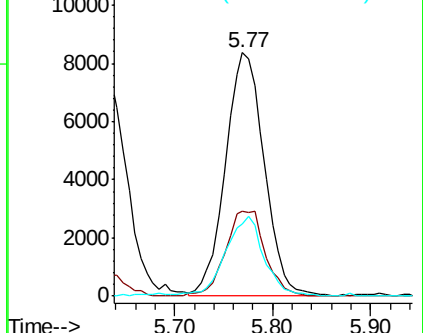
77 32.6 25.0 37.6

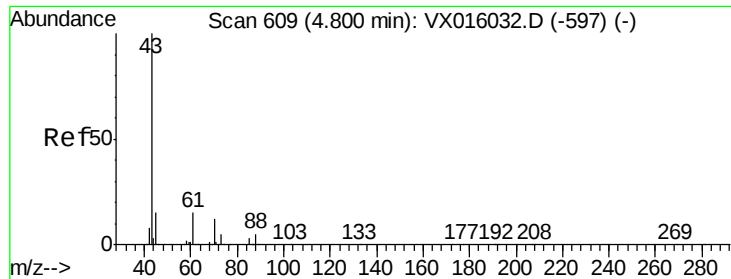


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

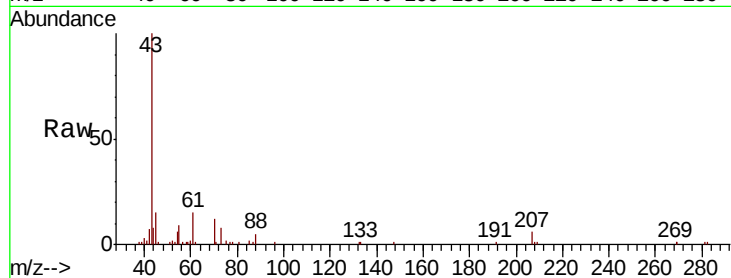




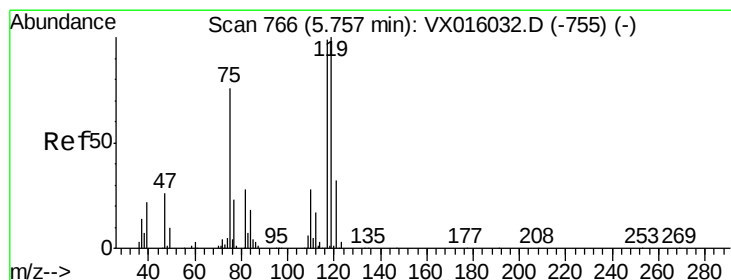
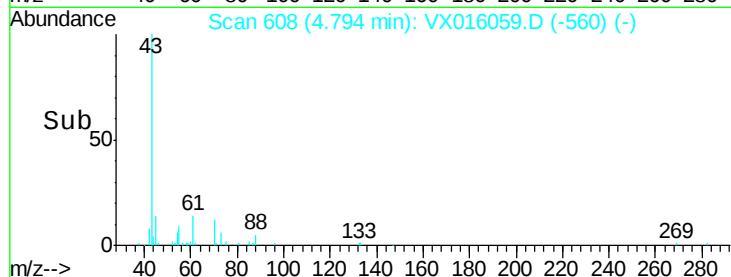
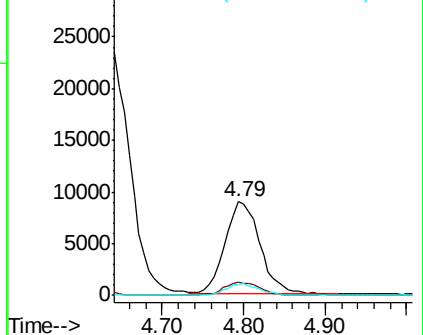
#37
Ethyl Acetate
Concen: 5.109 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 26784
Ion Ratio Lower Upper
43 100
61 14.7 11.7 17.5
70 11.8 9.3 13.9

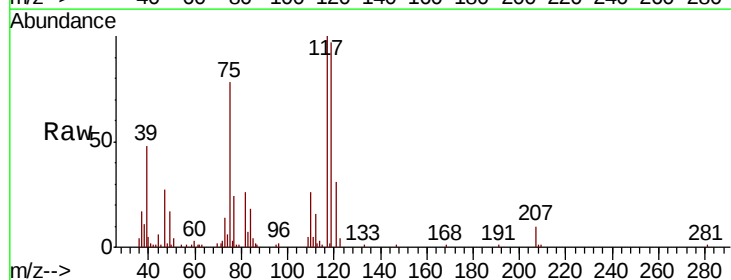


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

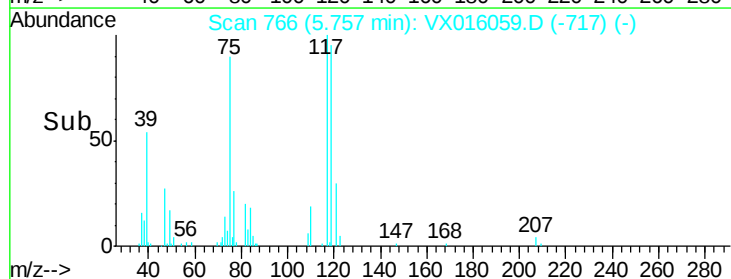
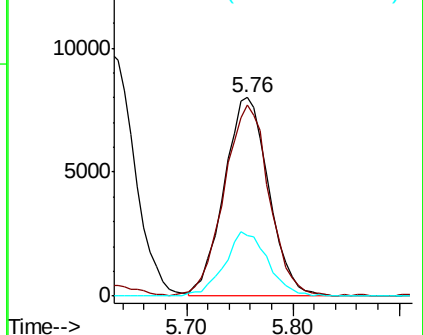


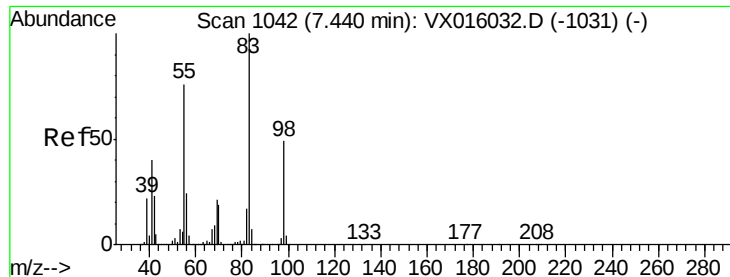
#38
Carbon Tetrachloride
Concen: 5.127 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion: 117 Resp: 23572
Ion Ratio Lower Upper
117 100
119 96.5 80.3 120.5
121 30.8 25.7 38.5



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

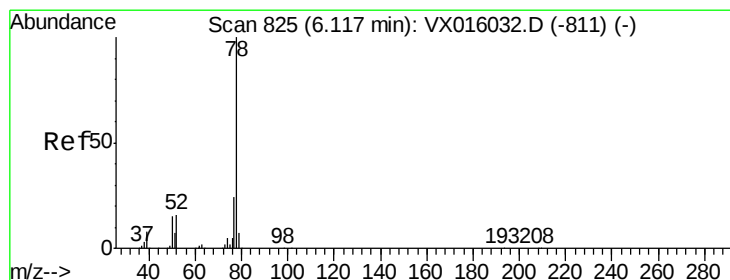
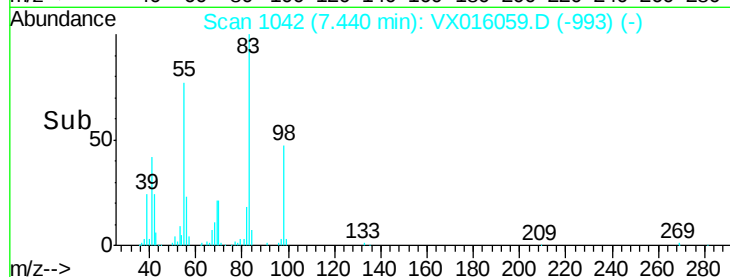
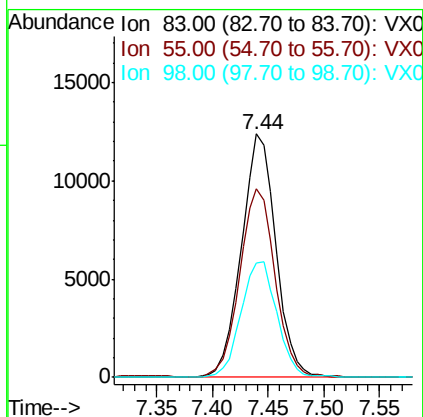
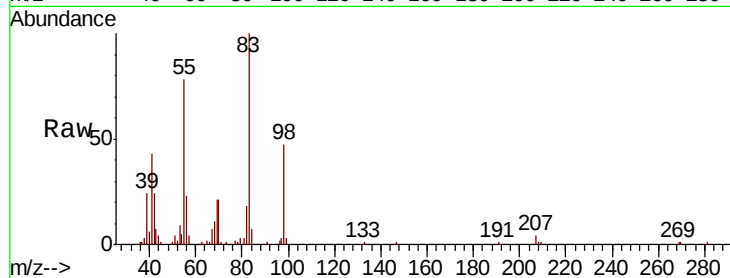




#39
Methvlcvclohexane
Concen: 4.895 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

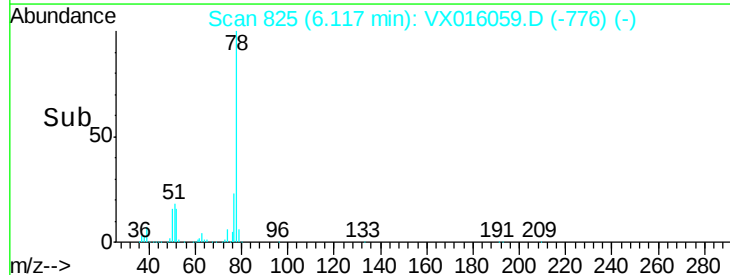
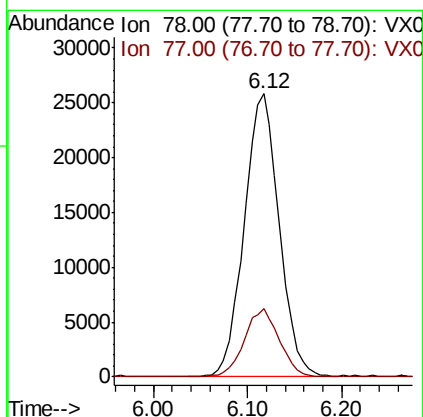
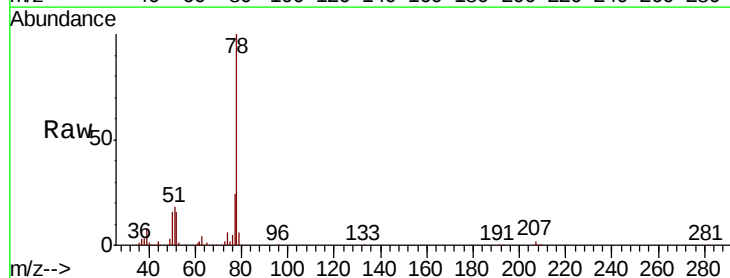
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

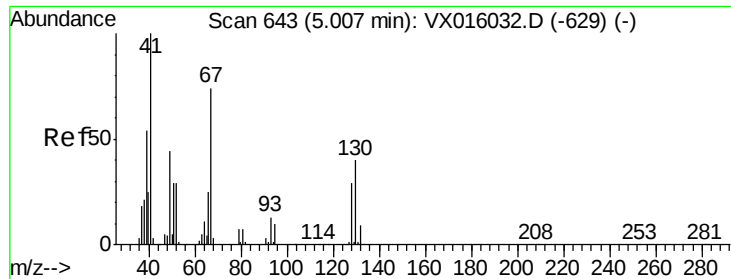
Tot Ion: 83 Resp: 26668
Ion Ratio Lower Upper
83 100
55 77.6 61.1 91.7
98 47.2 39.0 58.4



#40
Benzene
Concen: 5.077 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion: 78 Resp: 67198
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

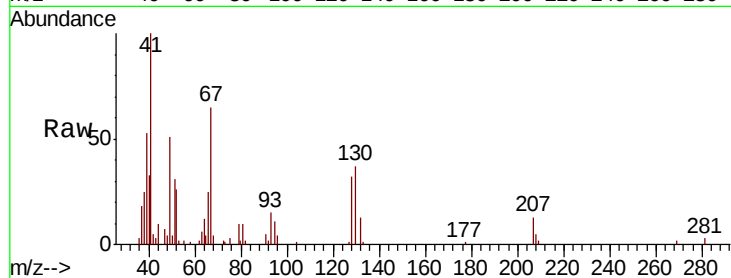




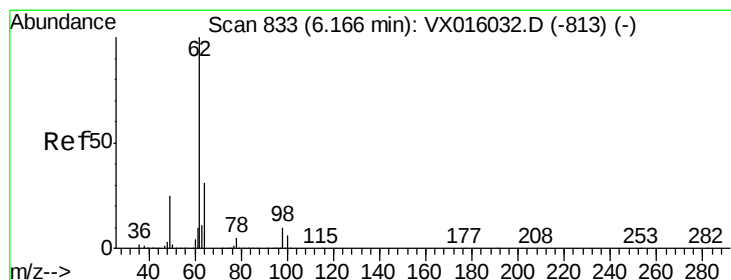
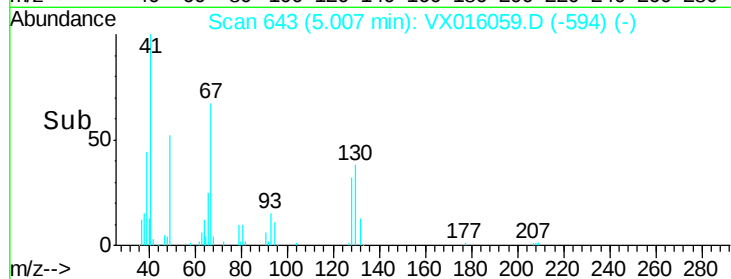
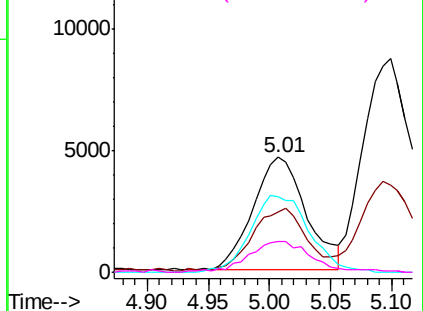
#41
Methacrylonitrile
Concen: 4.983 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:	41	Resp:	14110
Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.2	64.8
67	74.6	59.3	88.9
52	32.6	23.5	35.3

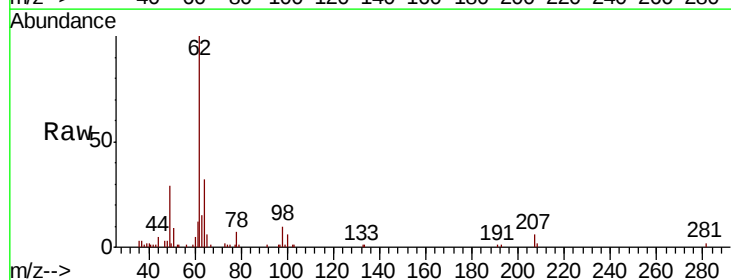


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

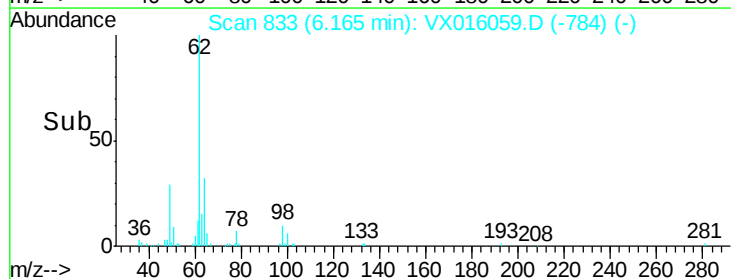
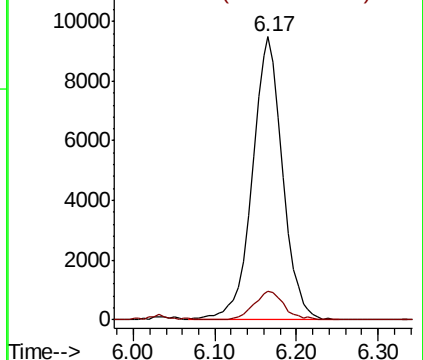


#42
1,2-Dichloroethane
Concen: 5.153 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion:	62	Resp:	24570
Ion	Ratio	Lower	Upper
62	100		
98	10.3	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: 5.033 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

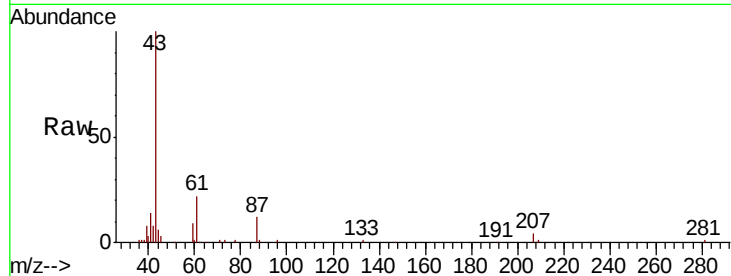
Tot Ion: 43 Resp: 42105

Ion Ratio Lower Upper

43 100

61 21.4 17.0 25.4

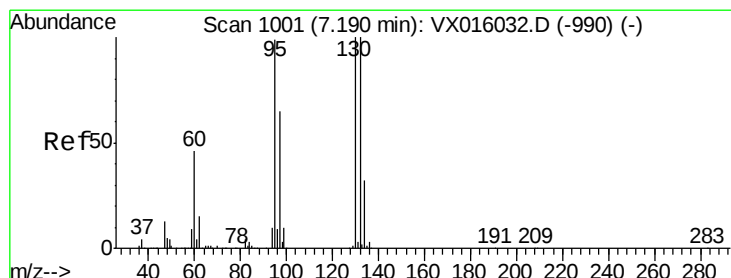
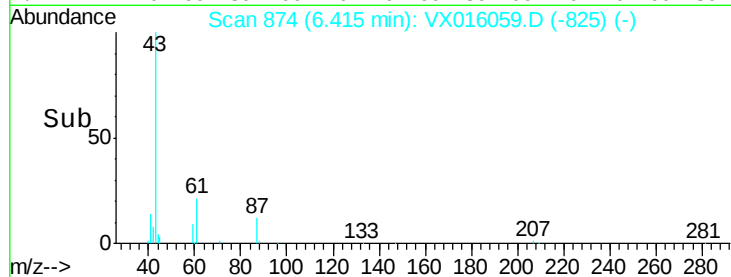
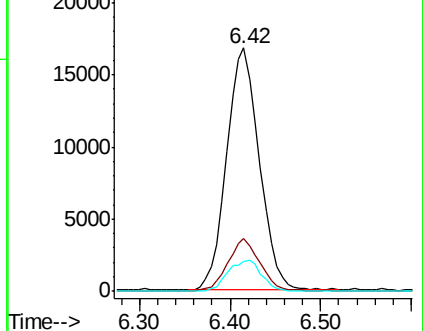
87 13.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.270 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016059.D

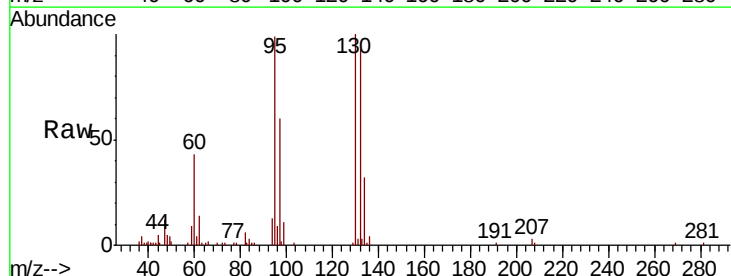
Acq: 05 May 2020 13:26

Tgt Ion: 130 Resp: 24778

Ion Ratio Lower Upper

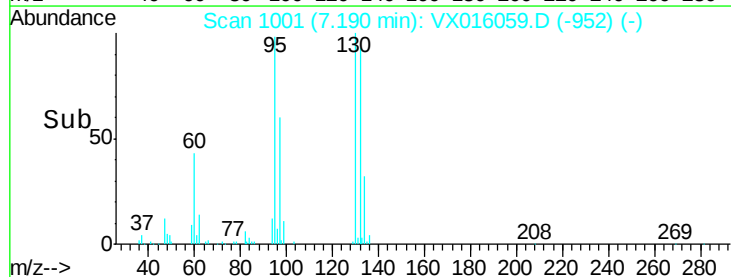
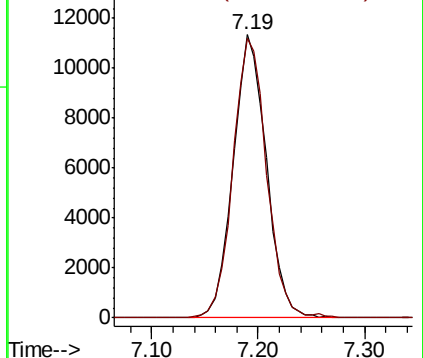
130 100

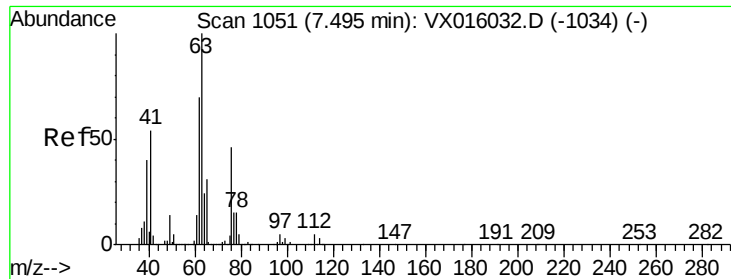
95 98.8 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.276 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

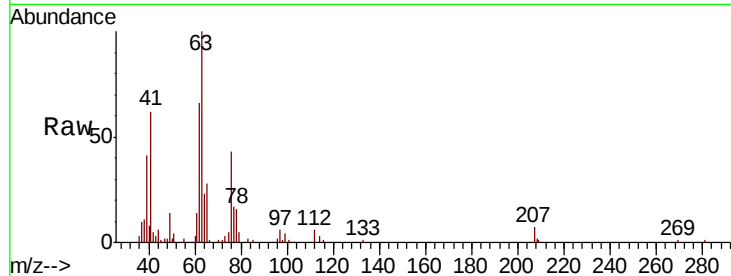
LOQ-WATER-02-QT2-2020

Tot Ion: 63 Resp: 17670

Ion Ratio Lower Upper

63 100

65 28.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

8000

6000

4000

2000

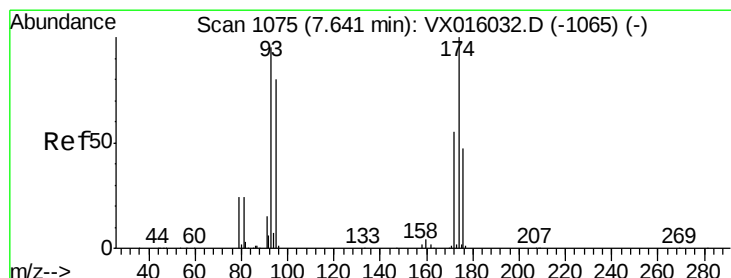
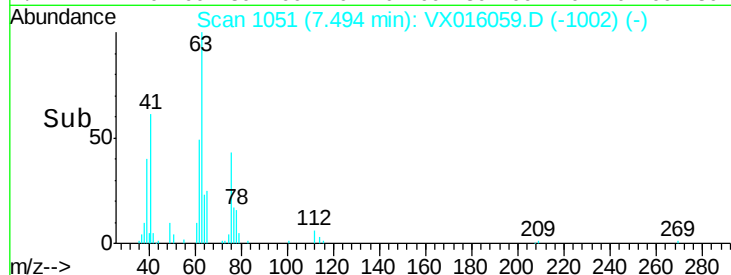
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 5.274 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

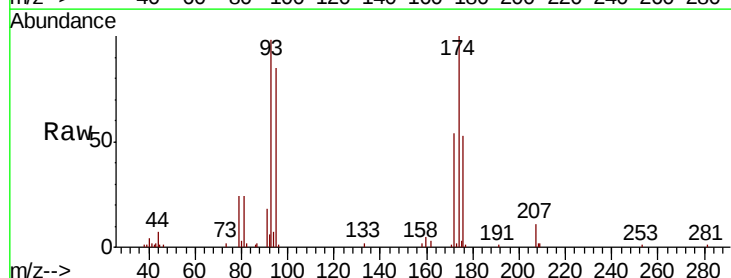
Tgt Ion: 93 Resp: 12004

Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

174 101.7 84.2 126.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

8000

6000

4000

2000

0

Time-->

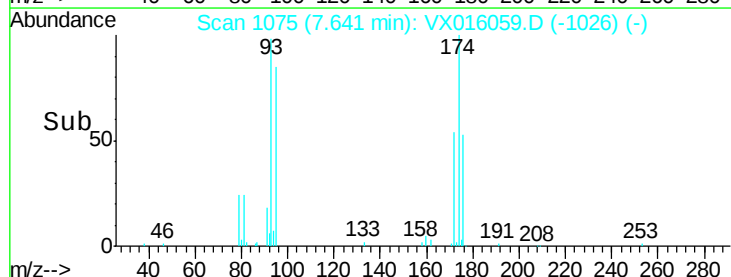
7.55

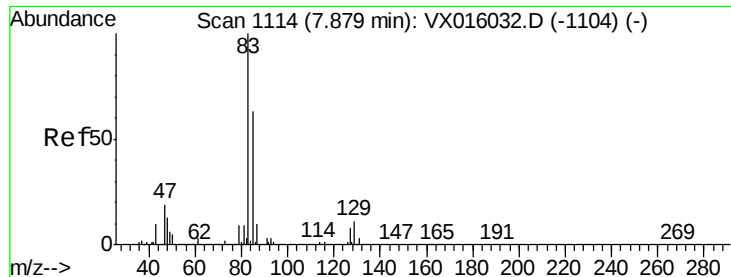
7.60

7.65

7.70

7.75





#47

Bromodichloromethane

Concen: 4.956 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

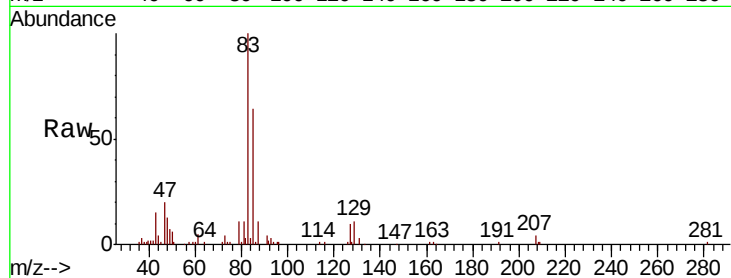
Tot Ion: 83 Resp: 22974

Ion Ratio Lower Upper

83 100

85 64.0 50.5 75.7

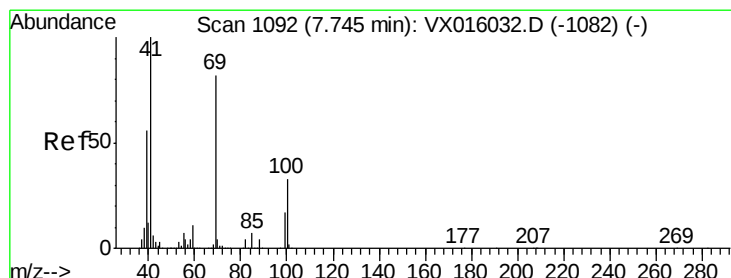
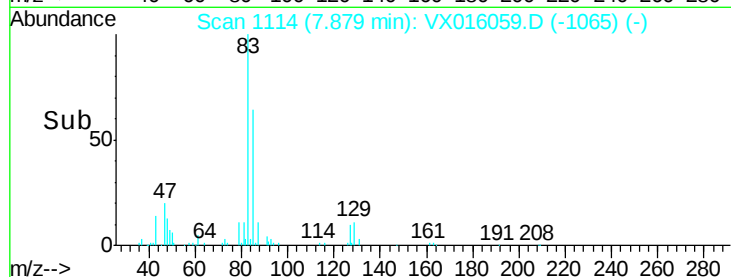
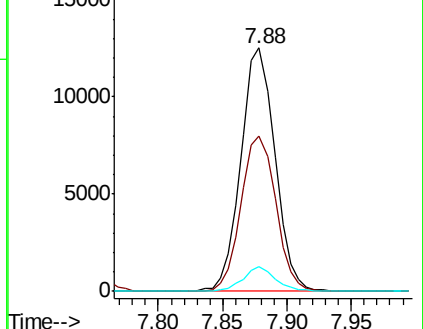
127 10.0 6.7 10.1



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: 4.797 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

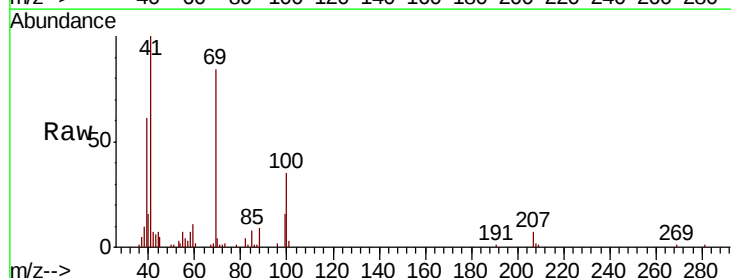
Tgt Ion: 41 Resp: 19015

Ion Ratio Lower Upper

41 100

69 86.1 67.8 101.6

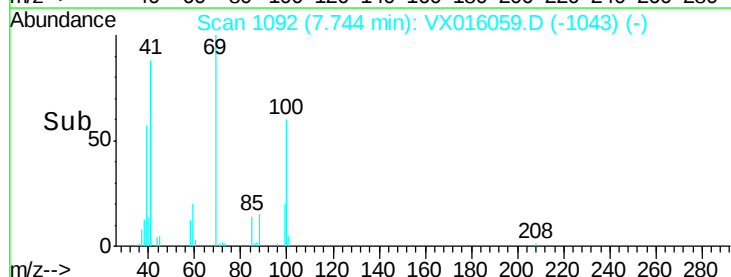
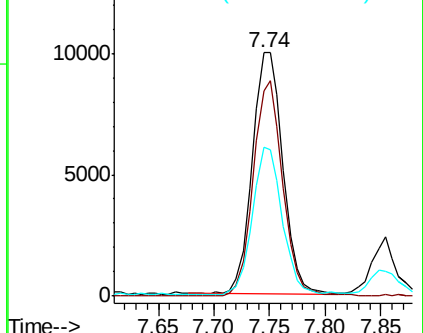
39 59.4 44.6 67.0

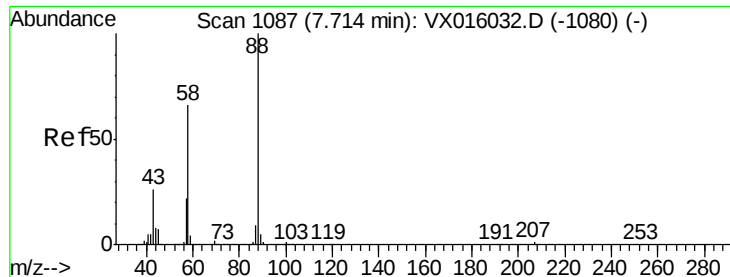


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 100.647 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

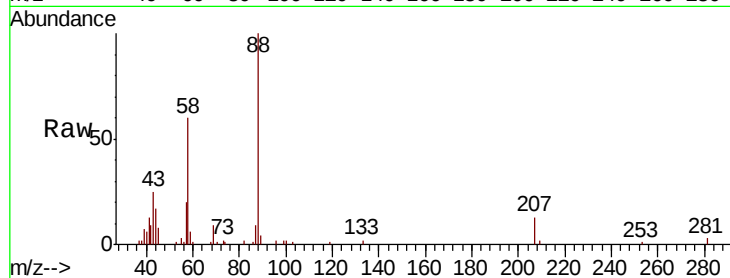
Tot Ion: 88 Resp: 9568

Ion Ratio Lower Upper

88 100

43 33.0 25.3 37.9

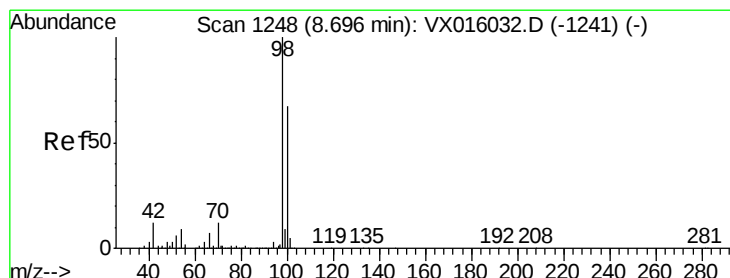
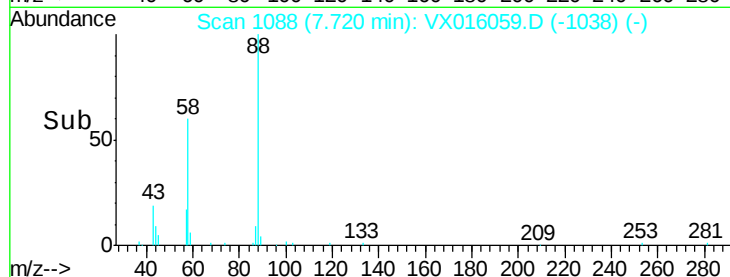
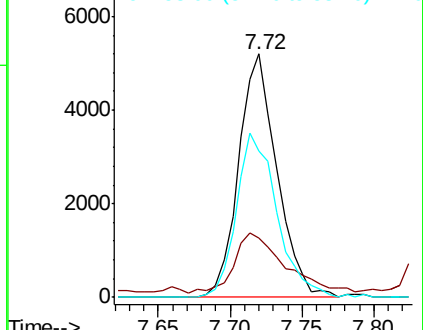
58 71.6 55.9 83.9



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: 49.190 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016059.D

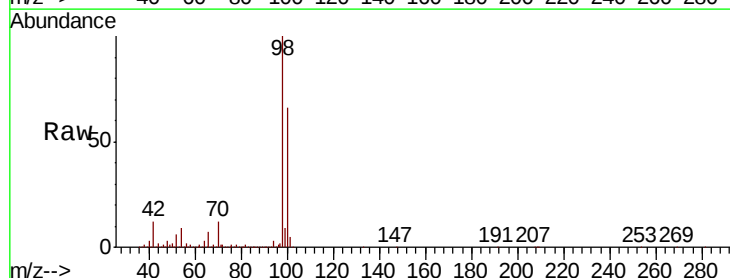
Acq: 05 May 2020 13:26

Tgt Ion: 98 Resp: 551792

Ion Ratio Lower Upper

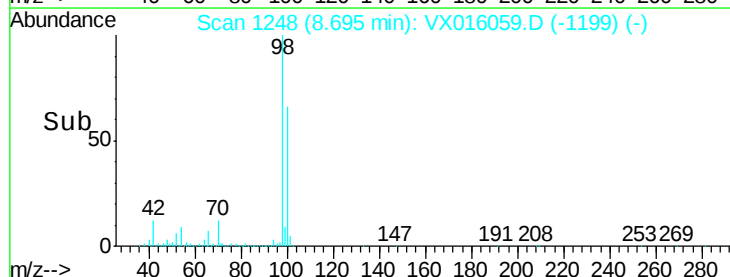
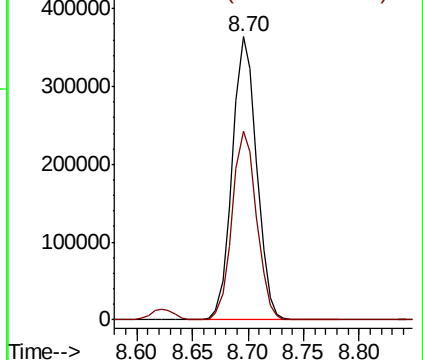
98 100

100 66.7 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

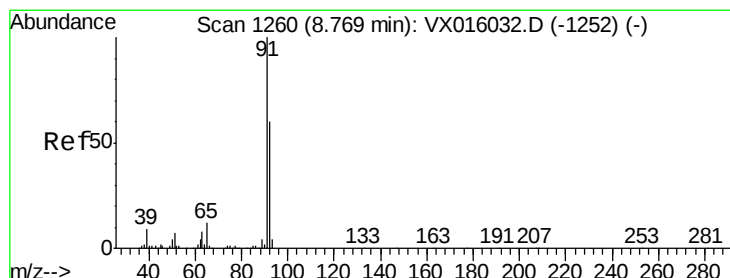
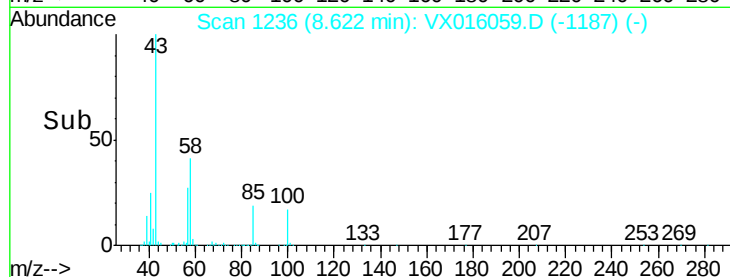
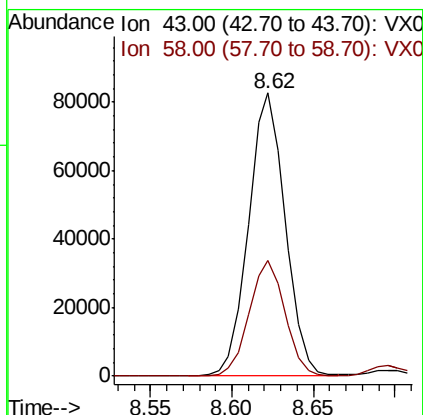
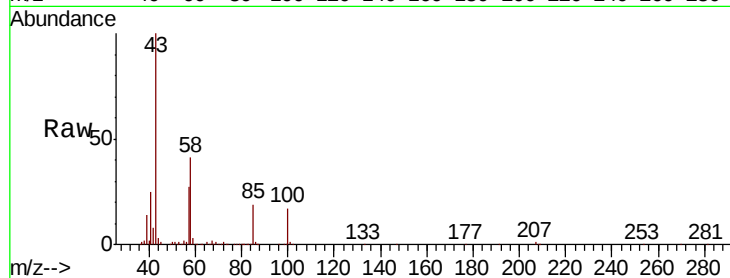




#51
4-Methyl-2-Pentanone
Concen: 25.143 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

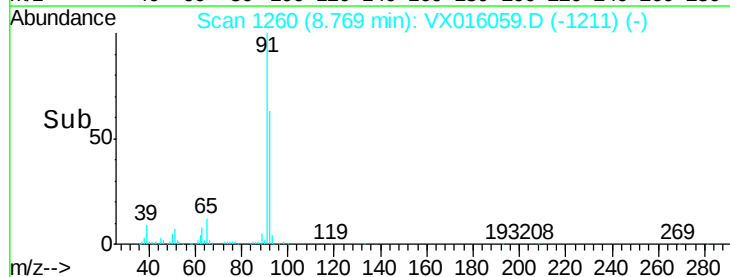
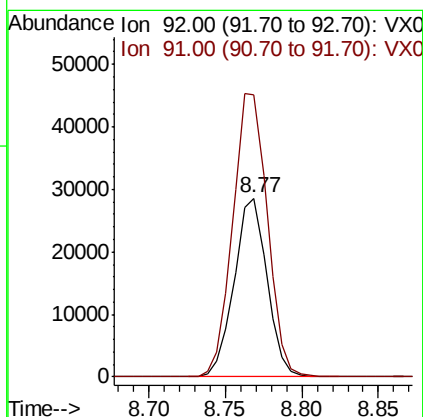
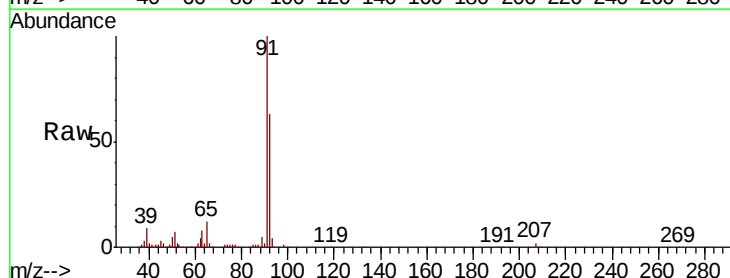
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

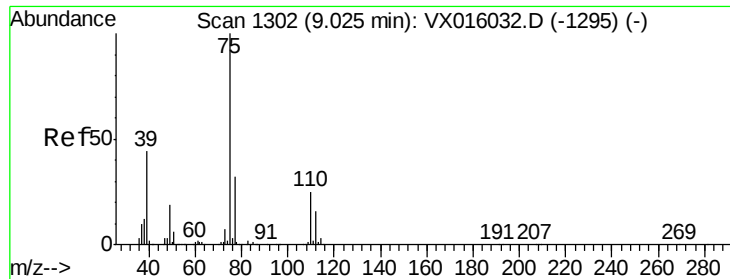
Tot Ion: 43 Resp: 128706
Ion Ratio Lower Upper
43 100
58 40.1 33.0 49.4



#52
Toluene
Concen: 5.173 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion: 92 Resp: 42680
Ion Ratio Lower Upper
92 100
91 166.8 134.5 201.7

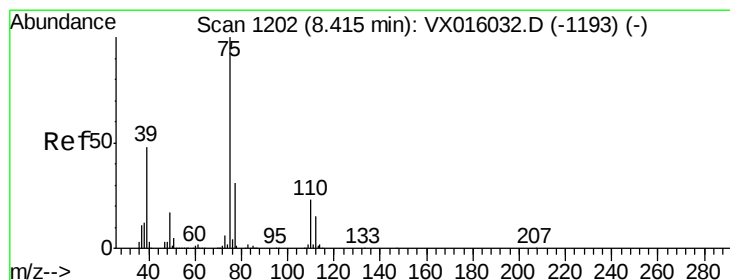
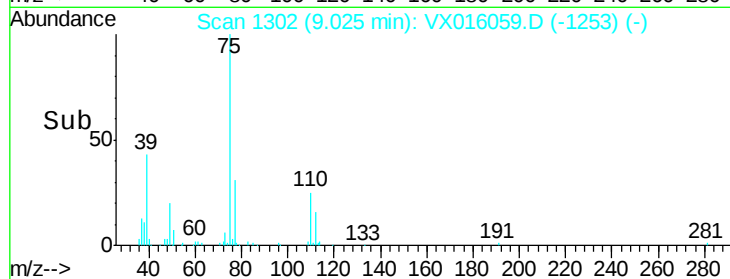
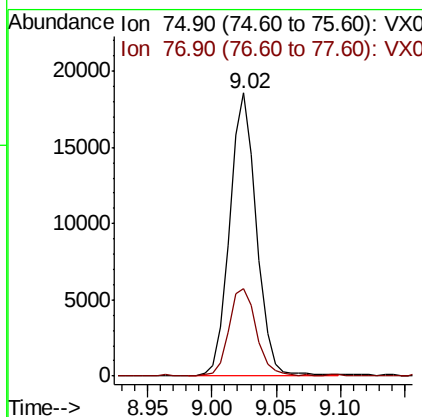
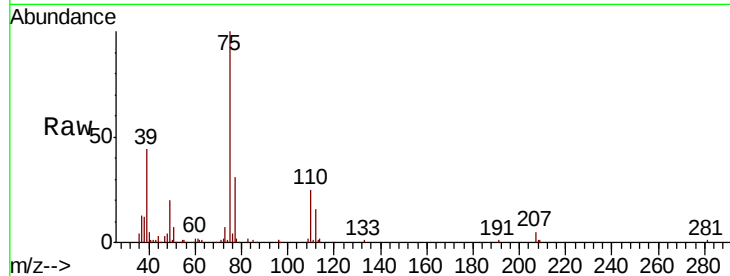




#53
 t-1,3-Dichloropropene
 Concen: 4.896 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016059.D
 Acq: 05 May 2020 13:26

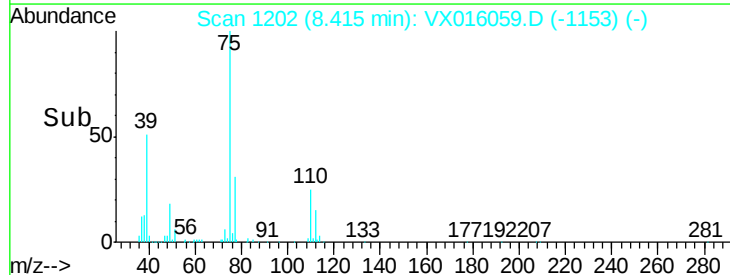
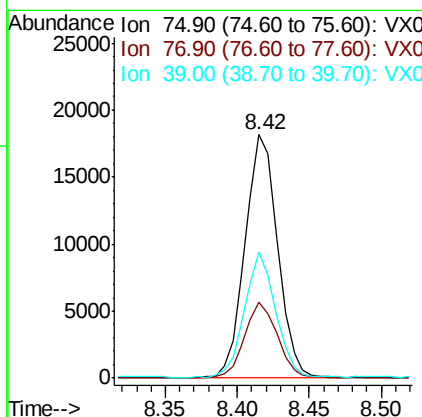
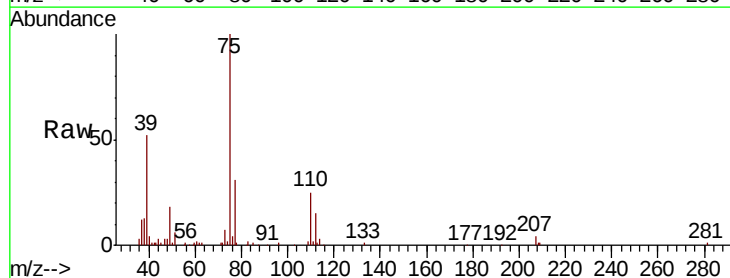
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

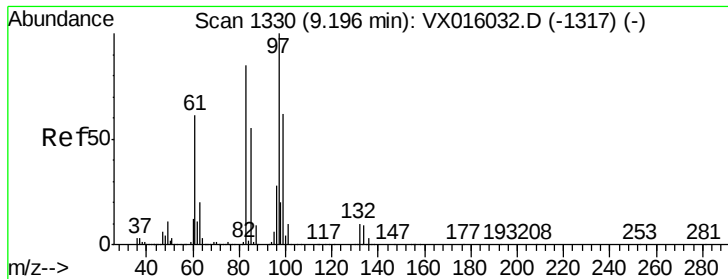
Tot Ion: 75 Resp: 27056
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.928 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016059.D
 Acq: 05 May 2020 13:26

Tgt Ion: 75 Resp: 28446
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.7 37.1
 39 51.2 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 5.141 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 97 Resp: 16688

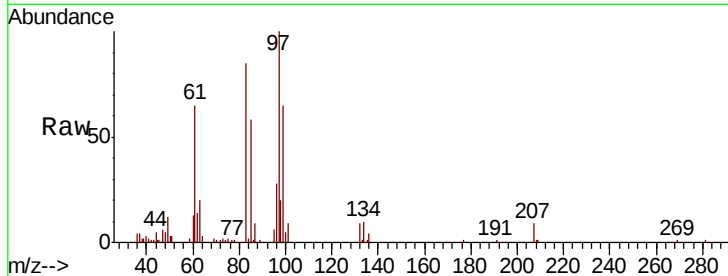
Ion Ratio Lower Upper

97 100

83 85.3 67.8 101.8

85 58.4 43.8 65.8

99 64.8 49.4 74.0

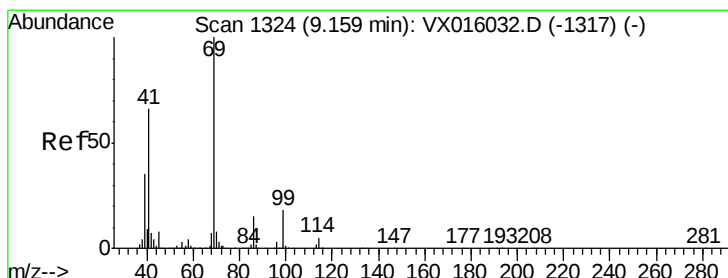
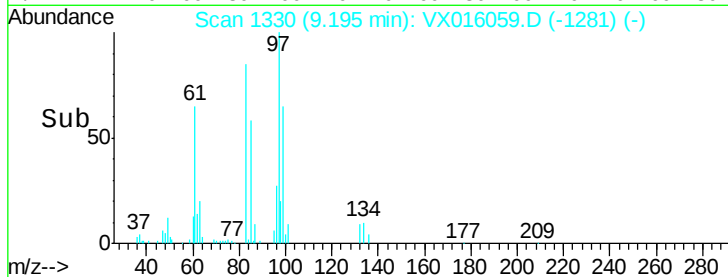
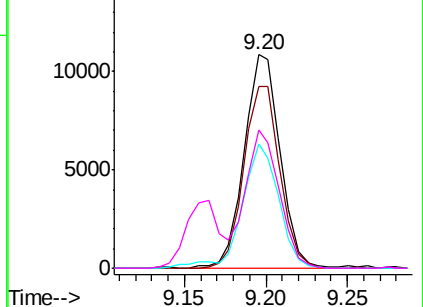


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 4.808 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

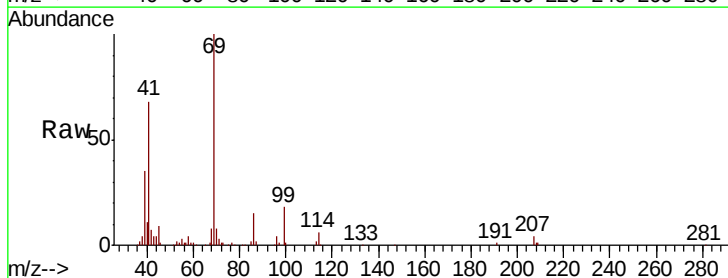
Tgt Ion: 69 Resp: 25472

Ion Ratio Lower Upper

69 100

41 66.8 52.2 78.4

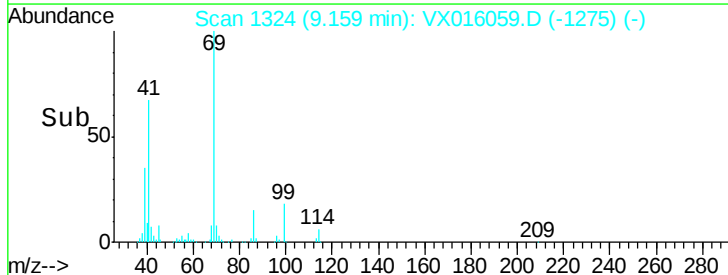
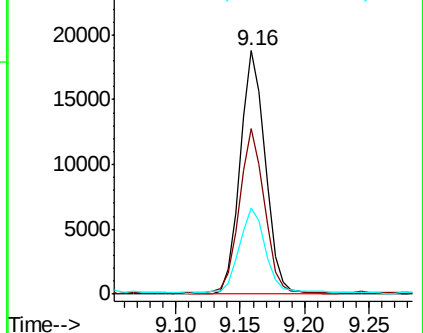
39 37.5 28.2 42.4

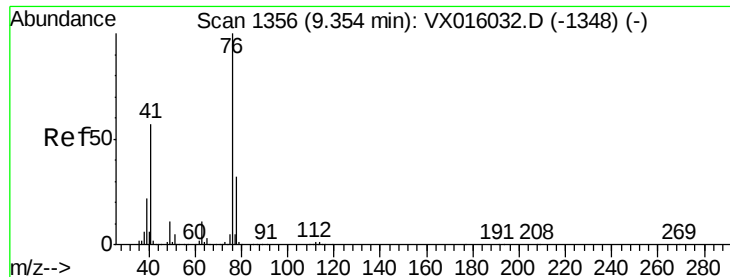


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.151 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

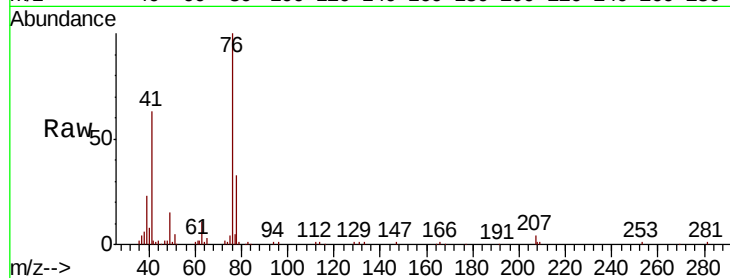
LOQ-WATER-02-QT2-2020

Tot Ion: 76 Resp: 29171

Ion Ratio Lower Upper

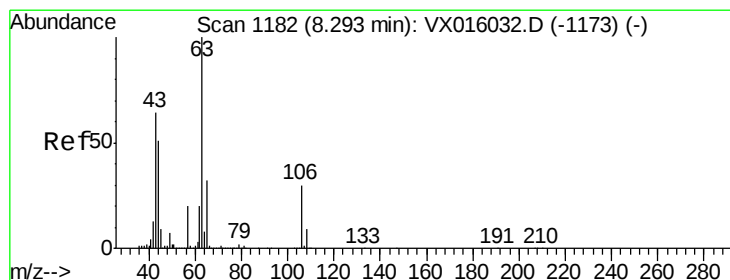
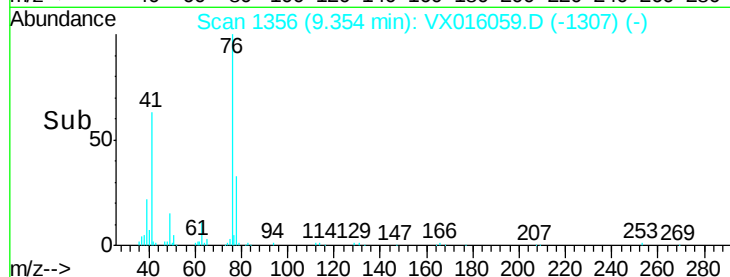
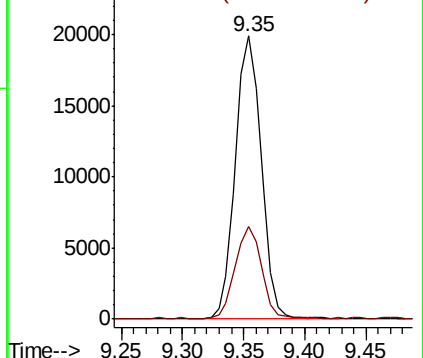
76 100

78 32.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 24.462 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016059.D

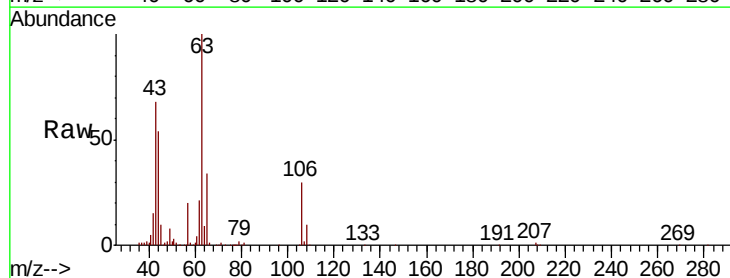
Acq: 05 May 2020 13:26

Tgt Ion: 63 Resp: 68999

Ion Ratio Lower Upper

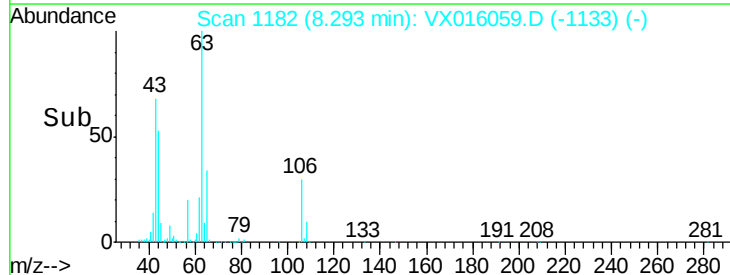
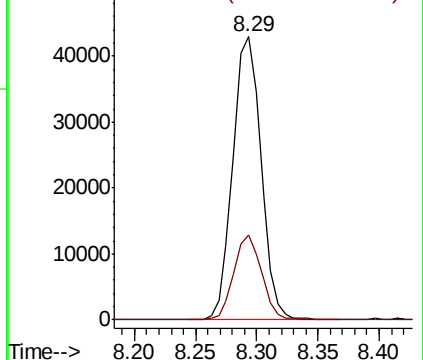
63 100

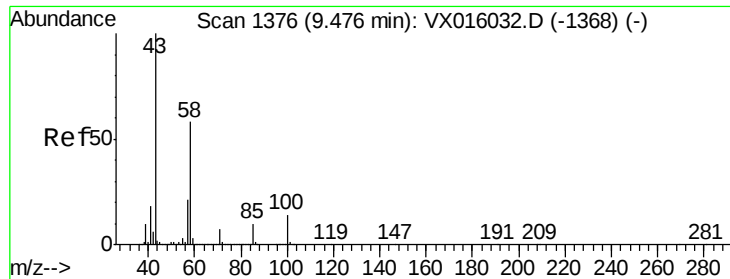
106 29.2 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

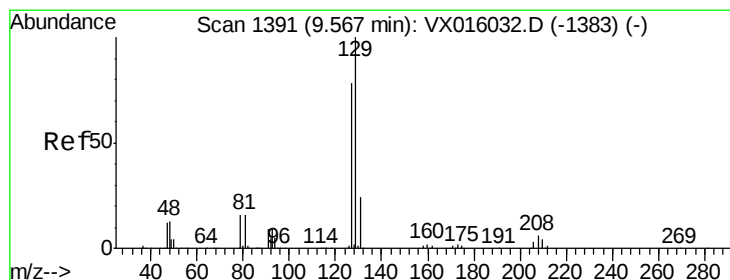
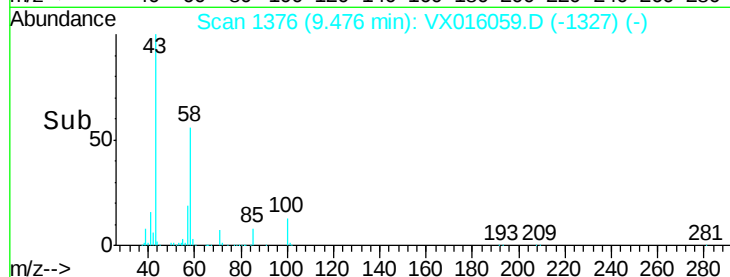
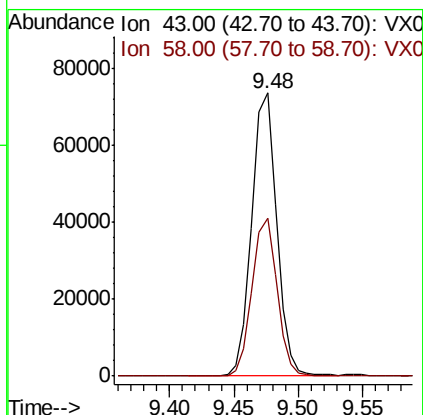
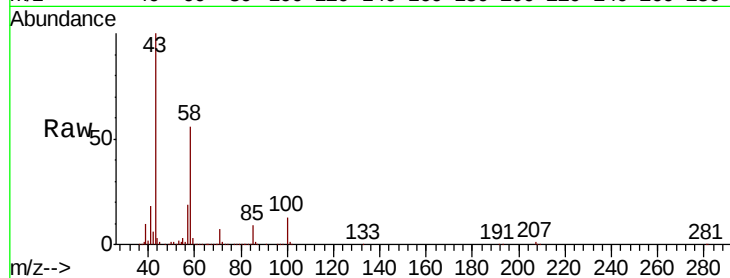




#59
2-Hexanone
Concen: 24.348 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

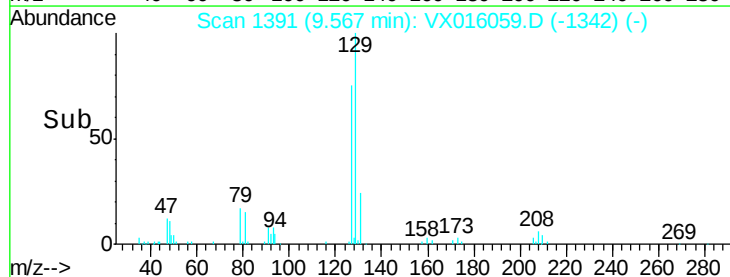
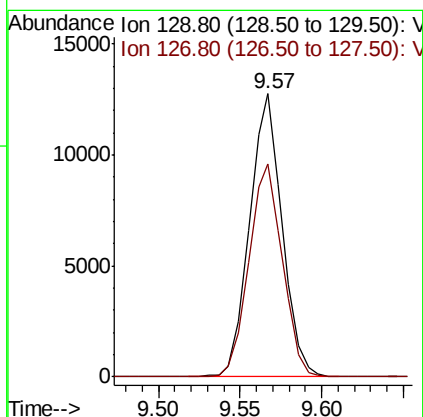
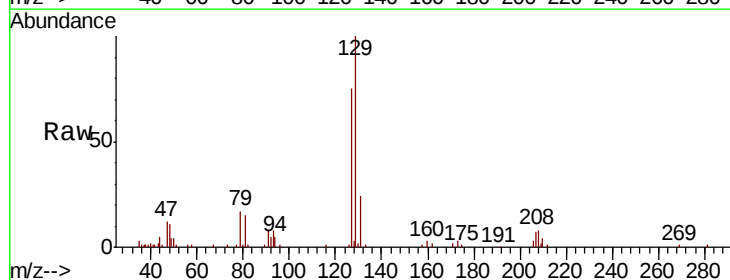
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

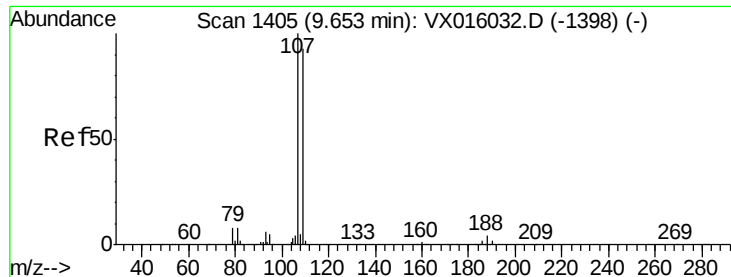
Tot Ion: 43 Resp: 97882
Ion Ratio Lower Upper
43 100
58 56.6 28.6 85.9



#60
Dibromochloromethane
Concen: 4.940 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion: 129 Resp: 17659
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 5.028 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

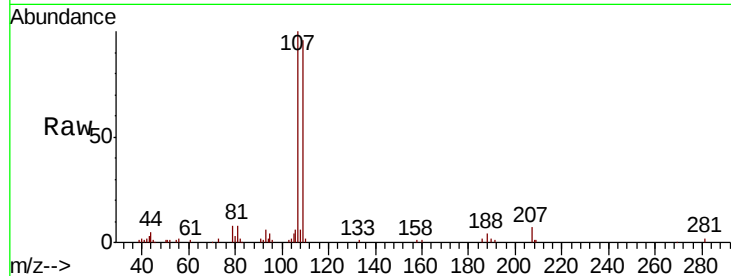
LOQ-WATER-02-QT2-2020

Tot Ion:107 Resp: 17678

Ion Ratio Lower Upper

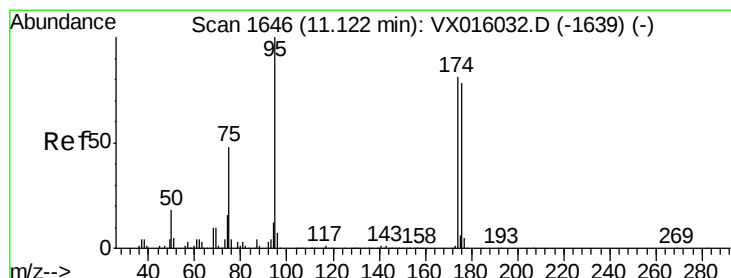
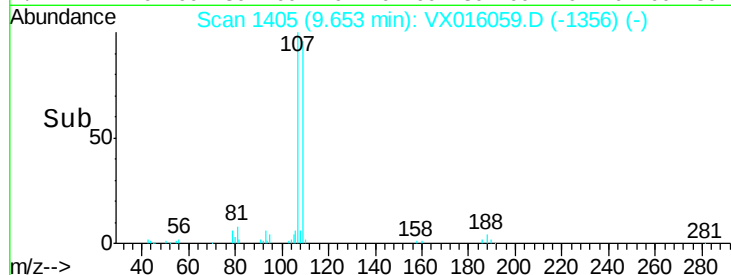
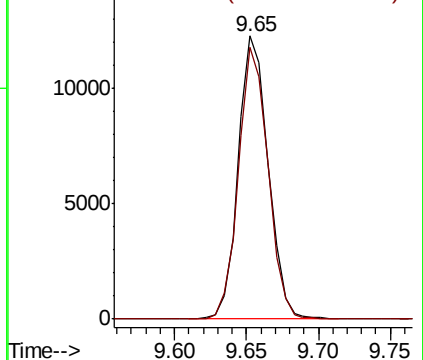
107 100

109 94.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.597 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

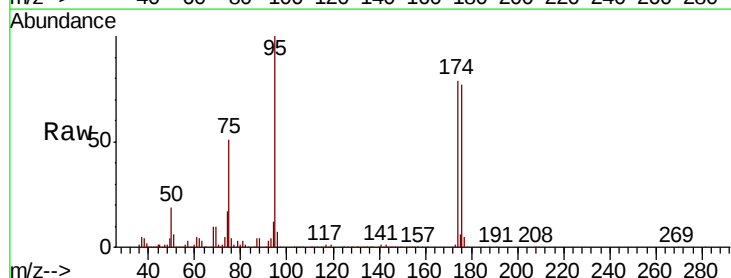
Tgt Ion: 95 Resp: 207348

Ion Ratio Lower Upper

95 100

174 80.2 0.0 159.4

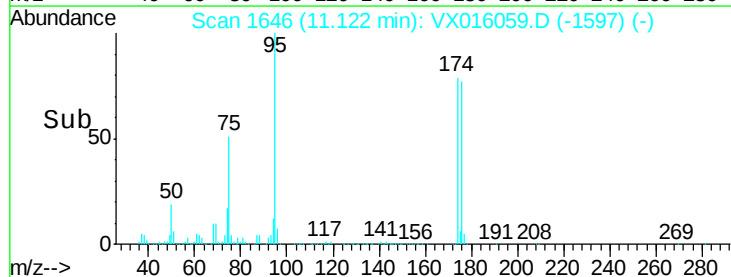
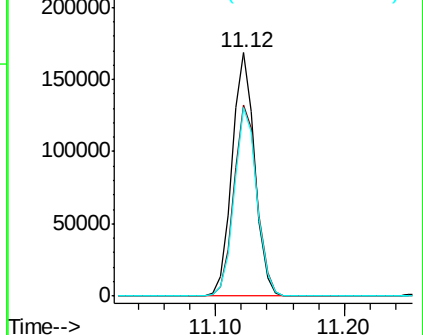
176 77.0 0.0 157.6



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

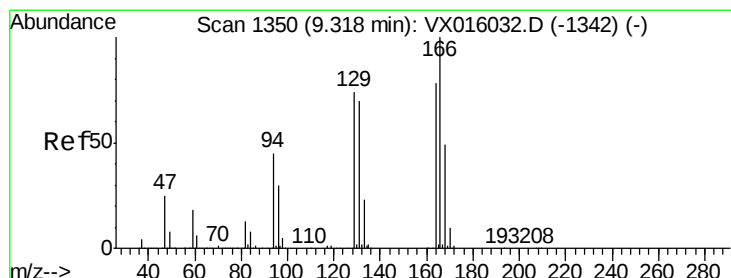
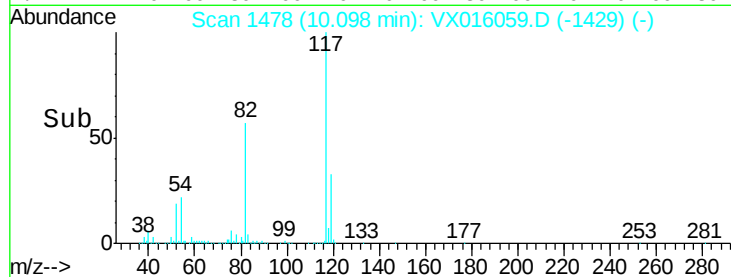
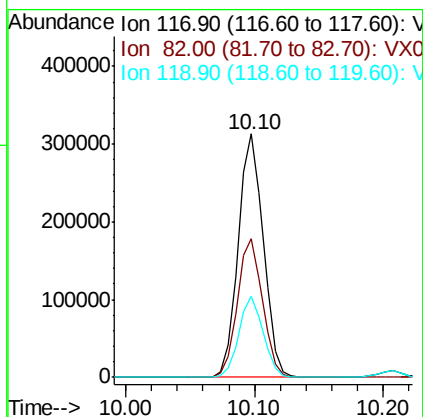
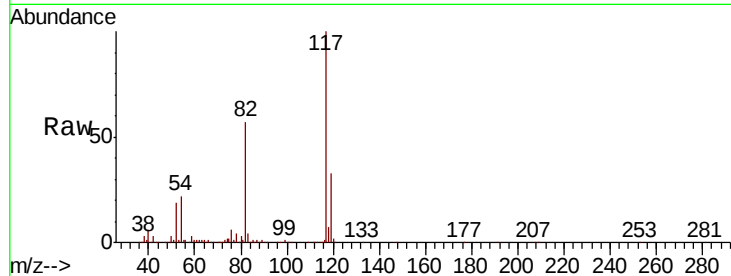




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

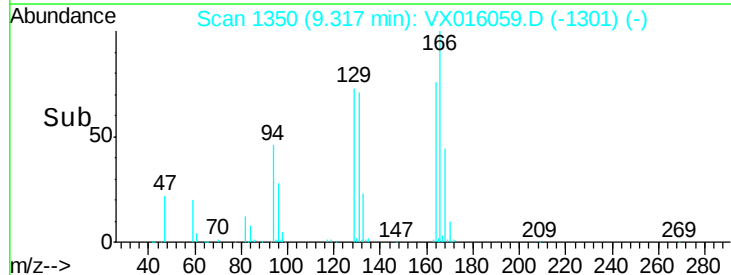
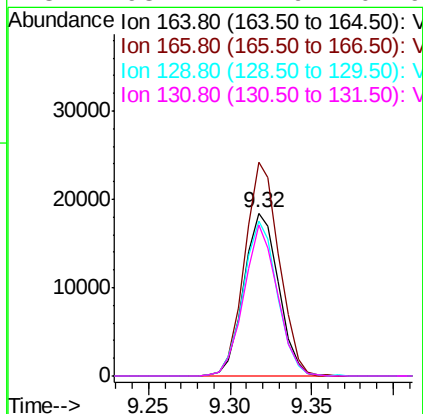
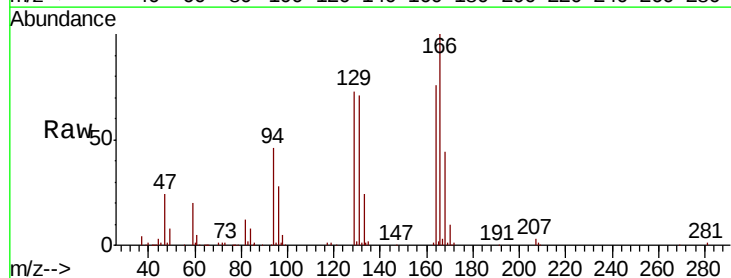
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

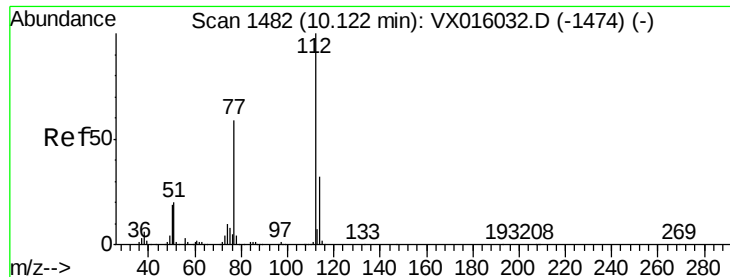
Tot Ion:117 Resp: 422594
Ion Ratio Lower Upper
117 100
82 57.0 44.4 66.6
119 33.1 25.5 38.3



#64
Tetrachloroethene
Concen: 5.278 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion:164 Resp: 27380
Ion Ratio Lower Upper
164 100
166 131.2 102.9 154.3
129 95.1 76.1 114.1
131 93.1 71.9 107.9

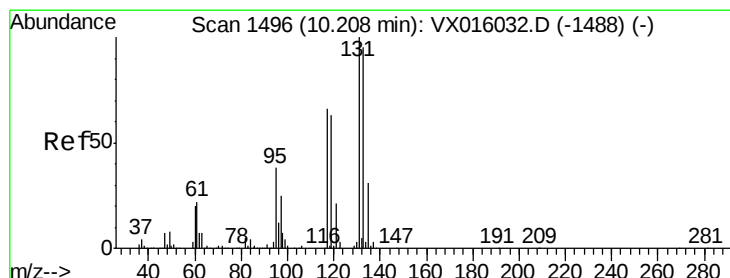
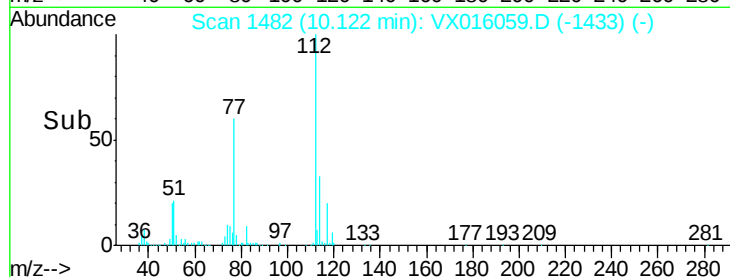
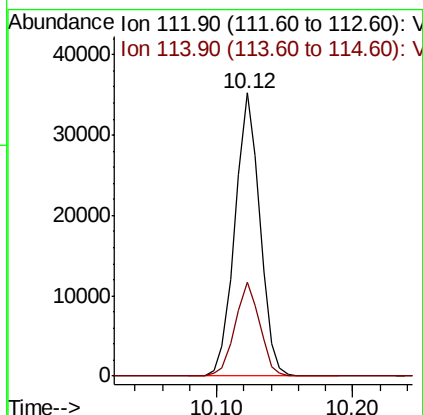
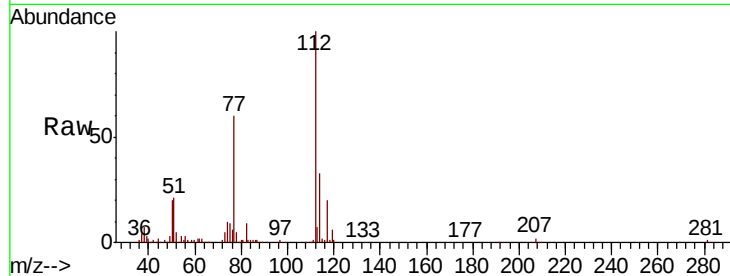




#65
Chlorobenzene
Concen: 5.083 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

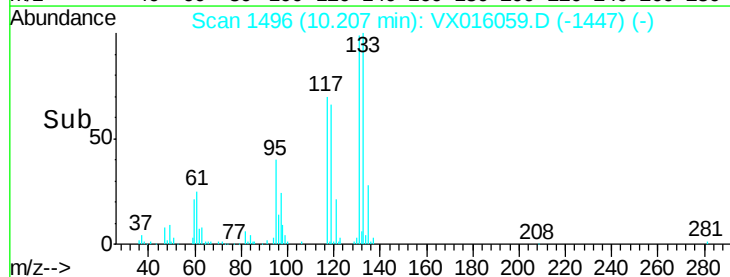
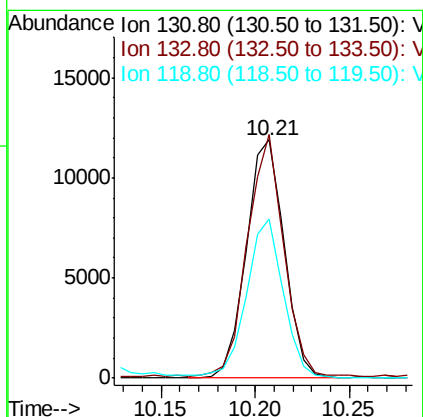
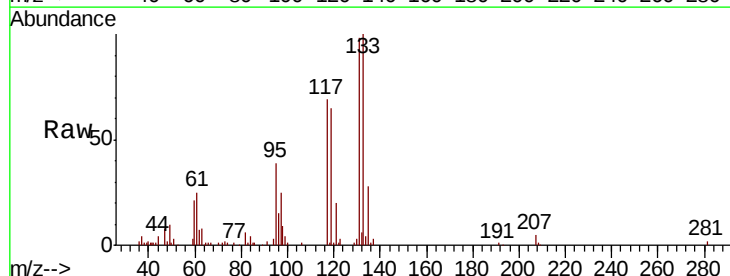
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

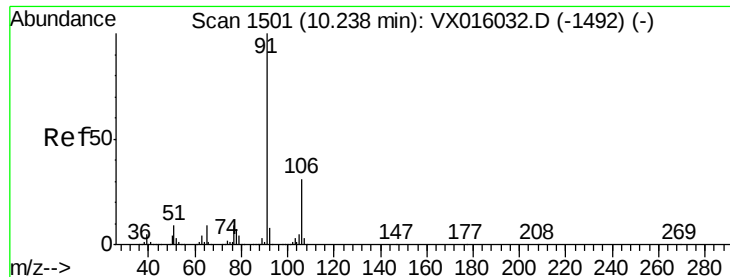
Tot Ion:112 Resp: 44979
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 5.051 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion:131 Resp: 16520
Ion Ratio Lower Upper
131 100
133 96.7 48.3 144.8
119 65.1 32.3 96.9





#67

Ethyl Benzene

Concen: 5.054 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

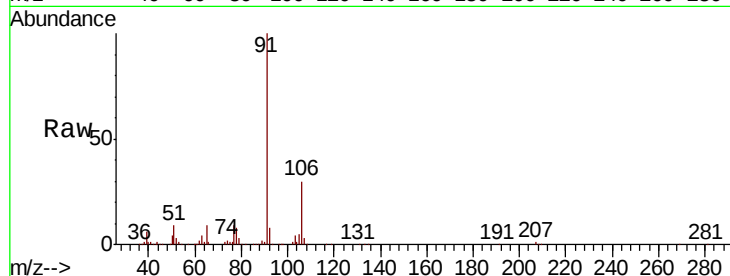
LOQ-WATER-02-QT2-2020

Tot Ion: 91 Resp: 79795

Ion Ratio Lower Upper

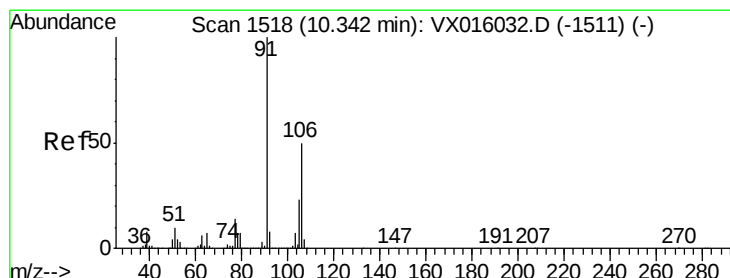
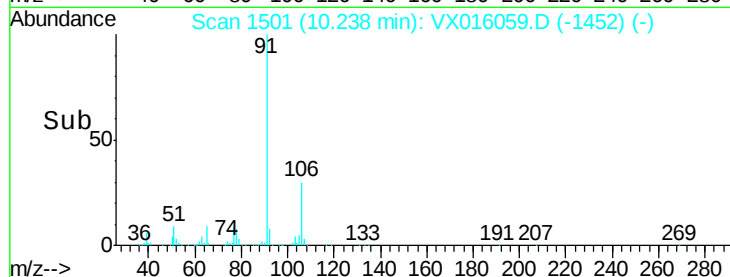
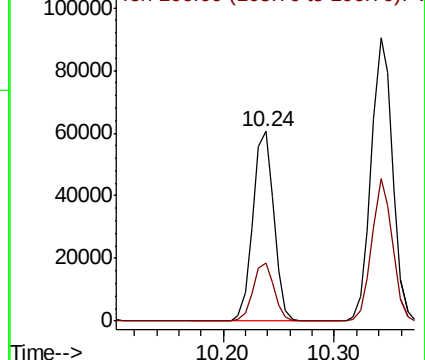
91 100

106 30.4 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 10.018 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016059.D

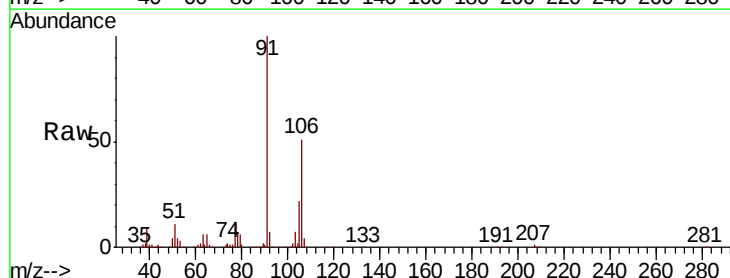
Acq: 05 May 2020 13:26

Tgt Ion: 106 Resp: 59258

Ion Ratio Lower Upper

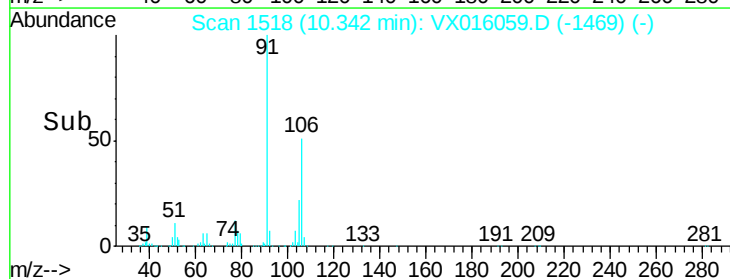
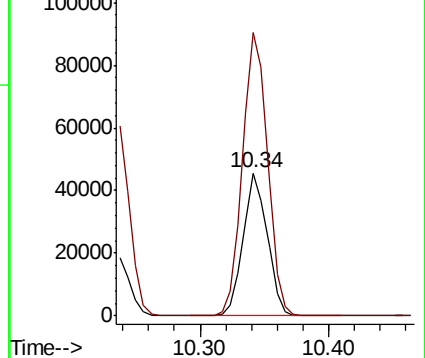
106 100

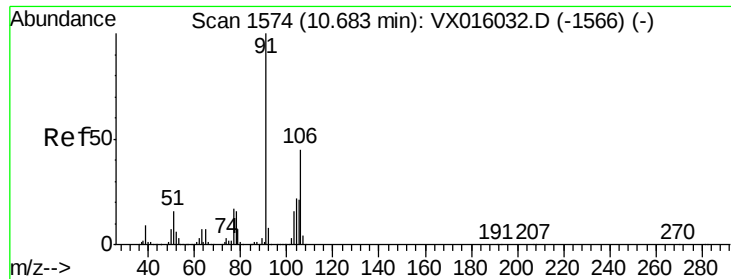
91 205.7 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

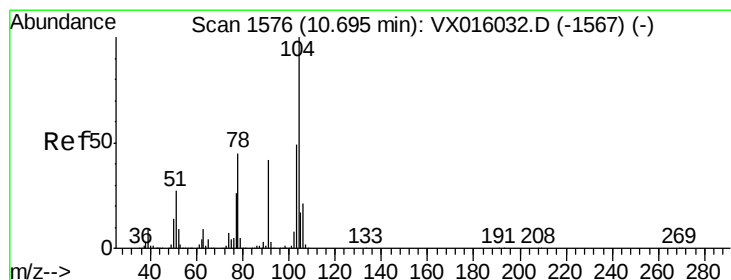
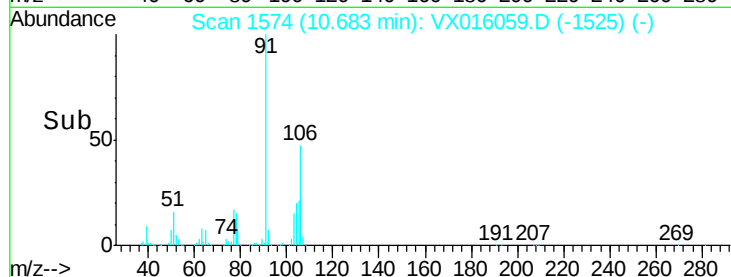
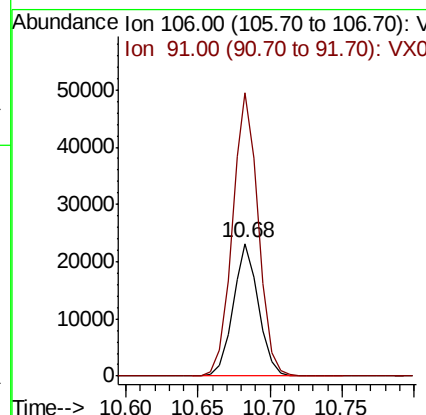
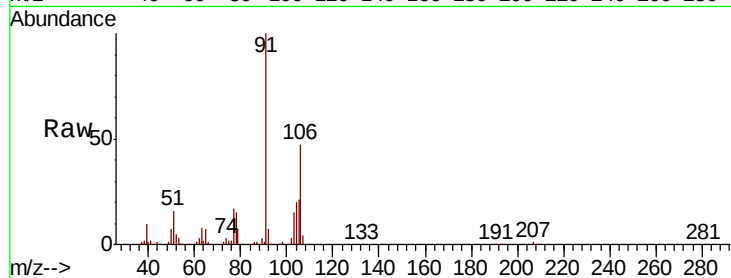




#69
o-Xylene
Concen: 5.039 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

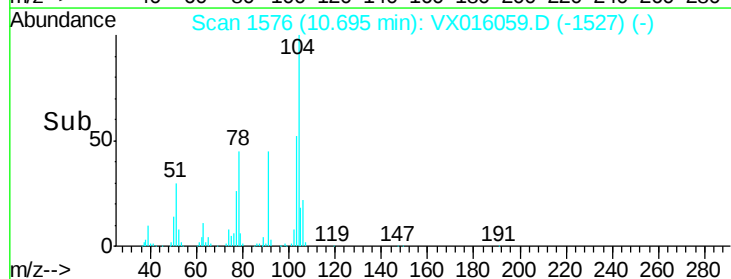
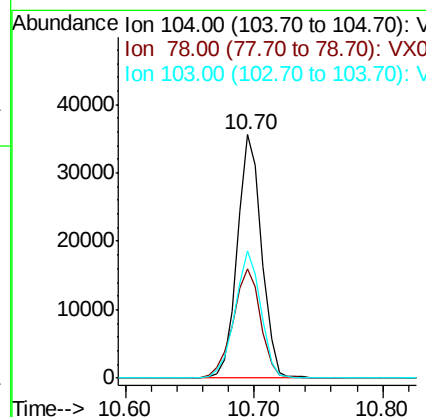
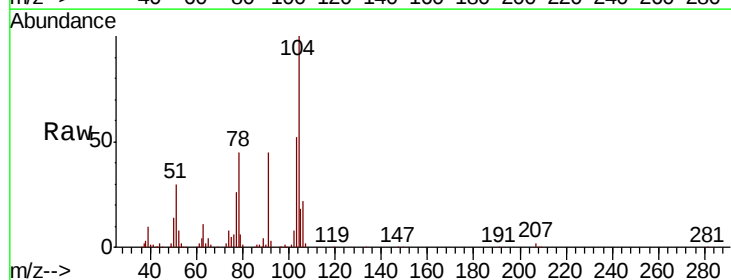
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

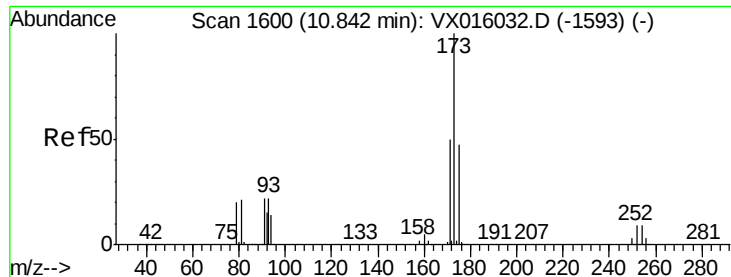
Tot Ion:106 Resp: 28653
Ion Ratio Lower Upper
106 100
91 217.2 107.5 322.6



#70
Styrene
Concen: 4.872 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion:104 Resp: 46999
Ion Ratio Lower Upper
104 100
78 51.3 40.2 60.2
103 56.2 43.0 64.6





#71

Bromoform

Concen: 4.742 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

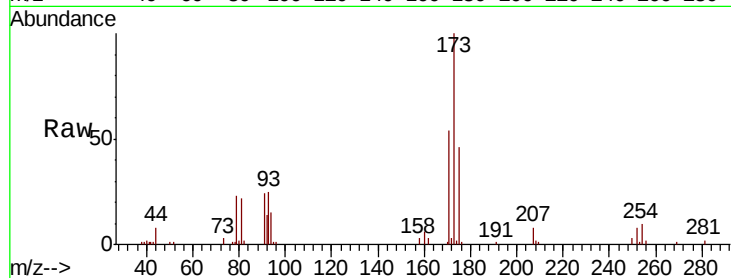
Tot Ion:173 Resp: 12635

Ion Ratio Lower Upper

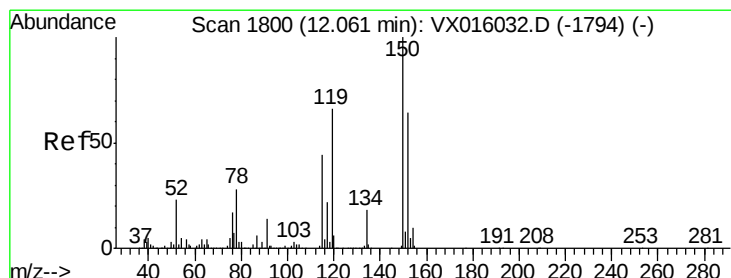
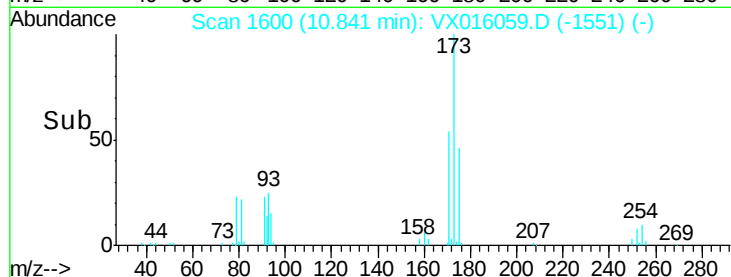
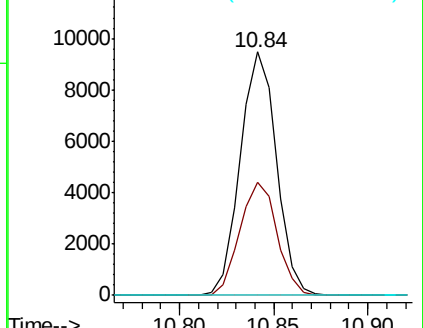
173 100

175 47.6 24.0 72.0

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: VX016059.D

Acq: 05 May 2020 13:26

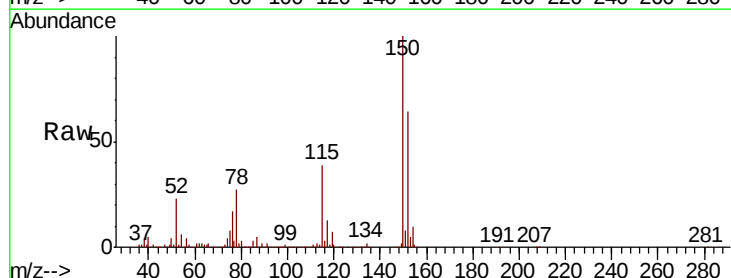
Tgt Ion:152 Resp: 211375

Ion Ratio Lower Upper

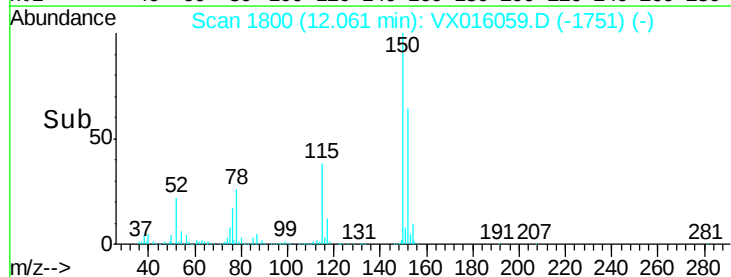
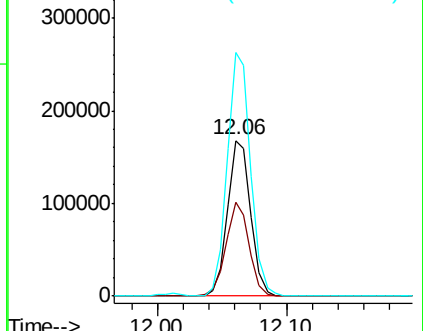
152 100

115 60.5 41.3 124.1

150 158.4 0.0 352.2



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: 5.000 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

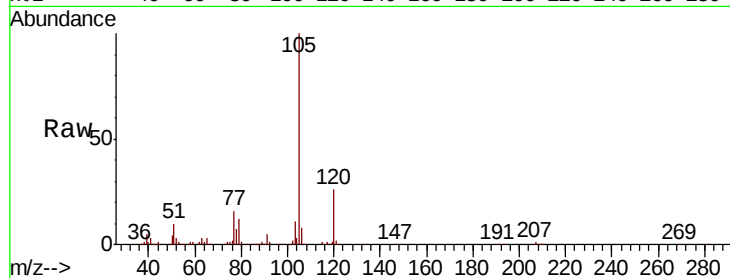
LOQ-WATER-02-QT2-2020

Tot Ion: 105 Resp: 76867

Ion Ratio Lower Upper

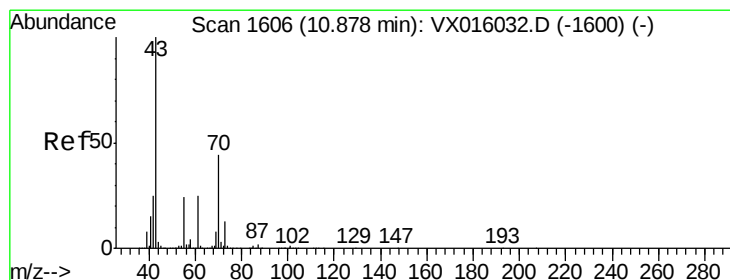
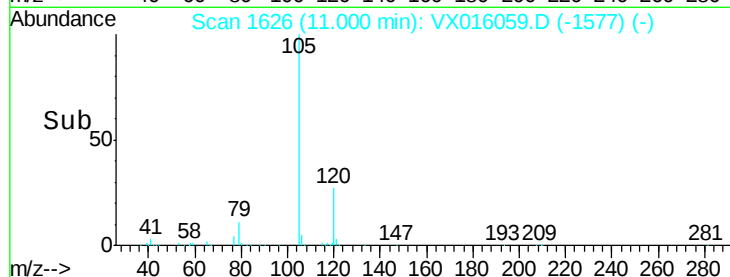
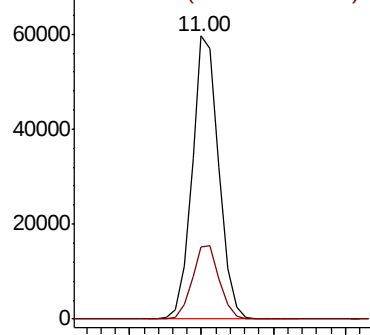
105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.747 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Tgt Ion: 43 Resp: 34043

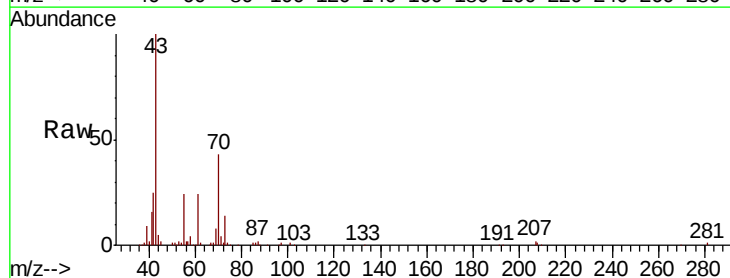
Ion Ratio Lower Upper

43 100

70 44.1 36.5 54.7

55 25.6 19.7 29.5

61 25.7 20.9 31.3

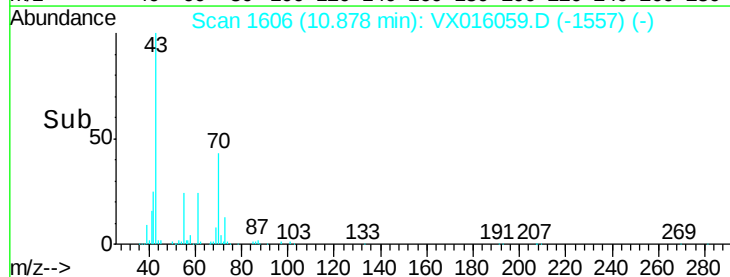
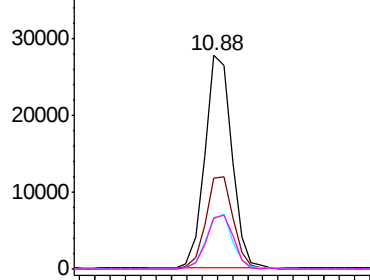


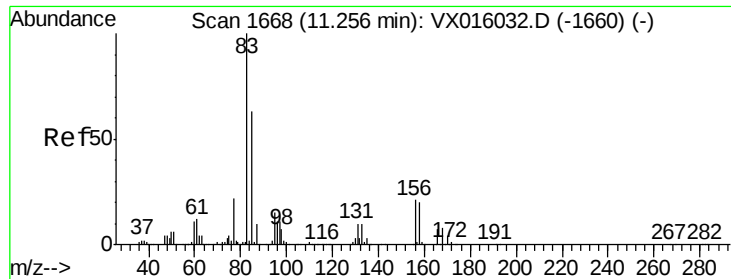
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 8.006 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

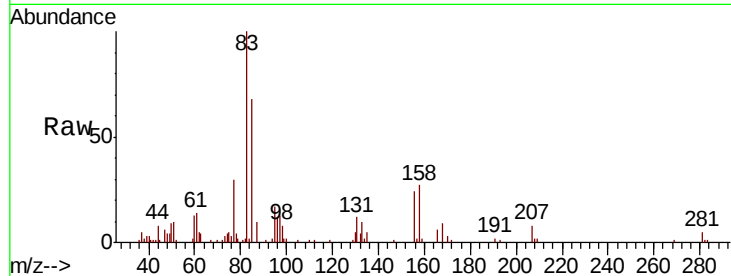
Tot Ion: 83 Resp: 11827

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

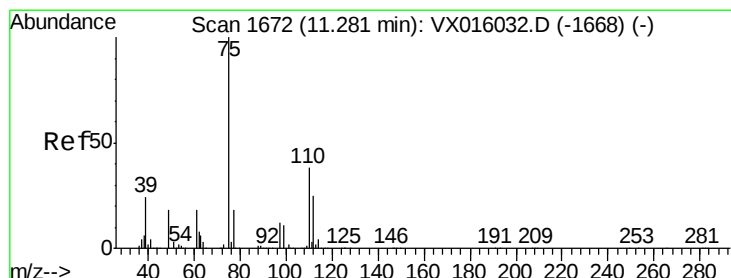
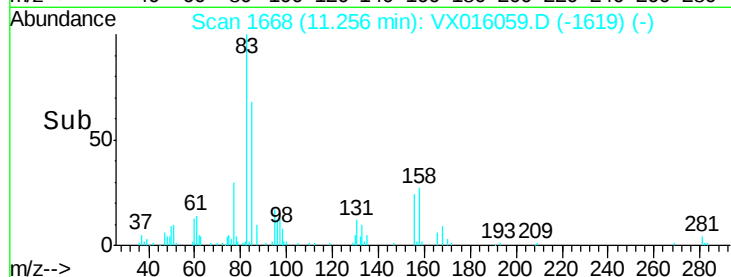
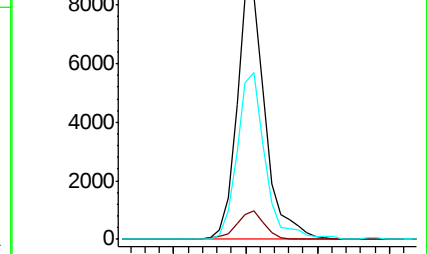
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.535 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016059.D

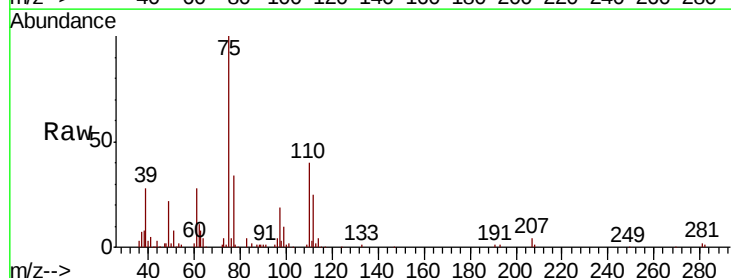
Acq: 05 May 2020 13:26

Tgt Ion: 75 Resp: 31344

Ion Ratio Lower Upper

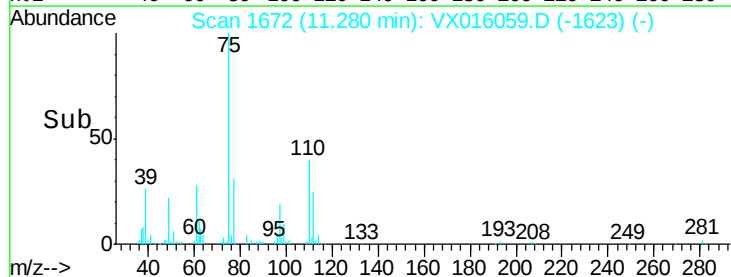
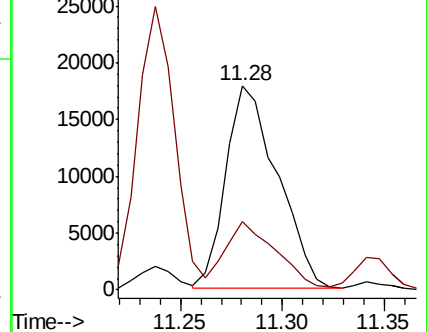
75 100

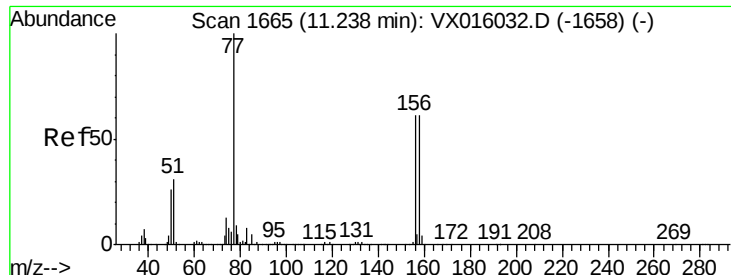
77 33.5 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.949 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

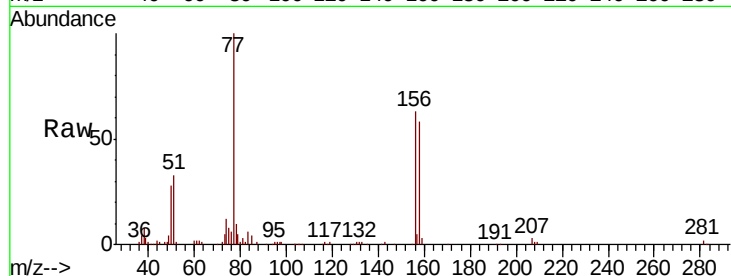
Tot Ion:156 Resp: 19640

Ion Ratio Lower Upper

156 100

77 162.0 80.1 240.3

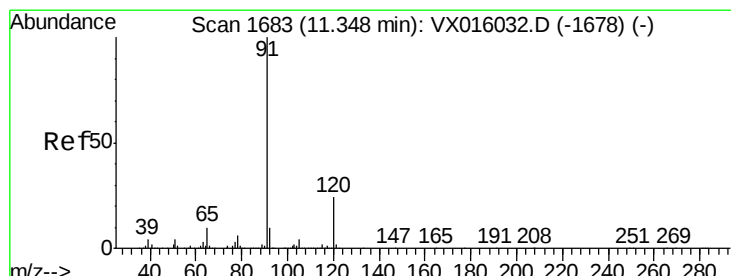
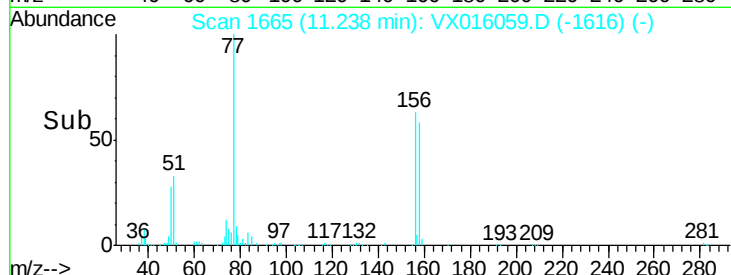
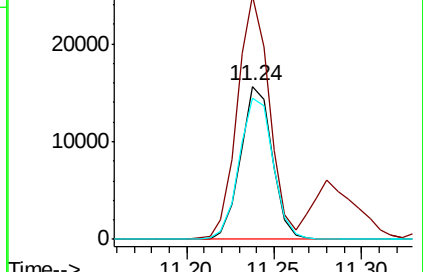
158 98.8 49.4 148.2



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: 4.921 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016059.D

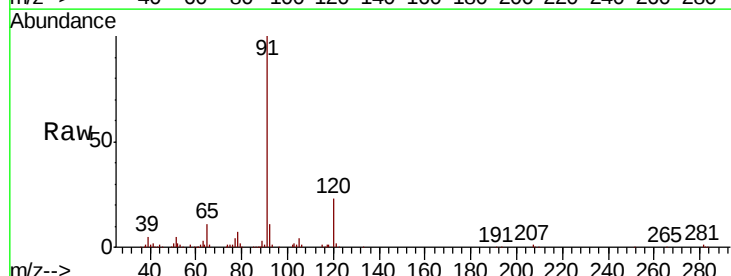
Acq: 05 May 2020 13:26

Tgt Ion: 91 Resp: 88019

Ion Ratio Lower Upper

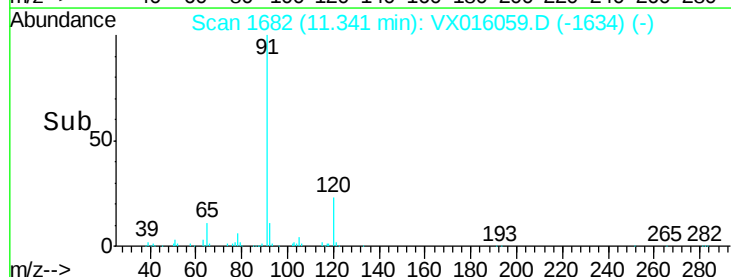
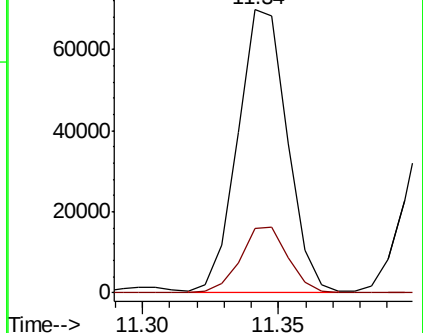
91 100

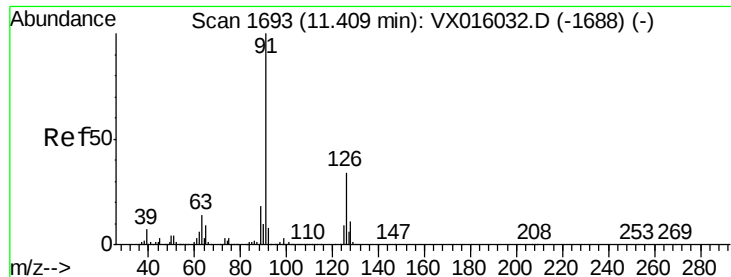
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.039 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

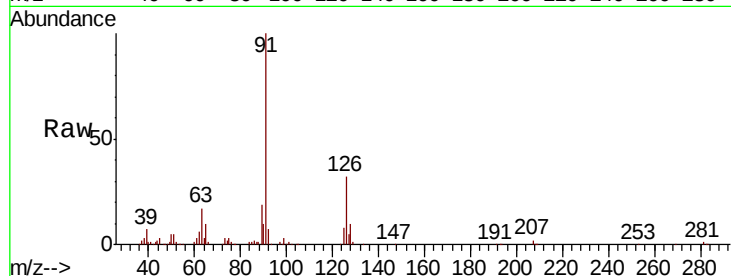
LOQ-WATER-02-QT2-2020

Tot Ion: 91 Resp: 53196

Ion Ratio Lower Upper

91 100

126 33.5 16.9 50.6

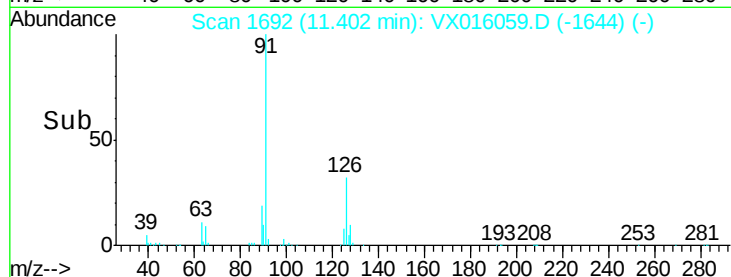


Abundance Ion 91.00 (90.70 to 91.70): VX016059.D (-1644) (-)

Ion 125.90 (125.60 to 126.60): VX016059.D (-1644) (-)

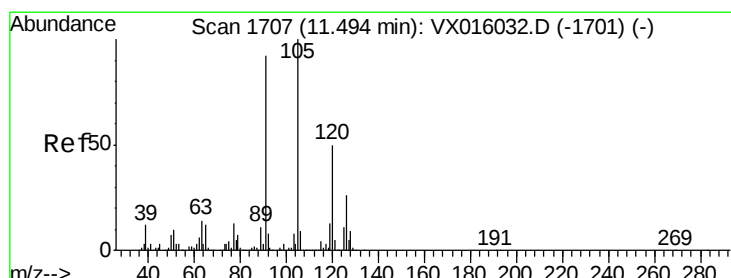
Time-->

Time-->



Time-->

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 4.942 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016059.D

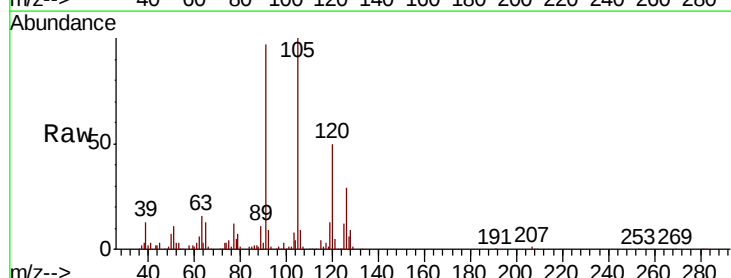
Acq: 05 May 2020 13:26

Tgt Ion: 105 Resp: 64150

Ion Ratio Lower Upper

105 100

120 48.9 24.6 74.0

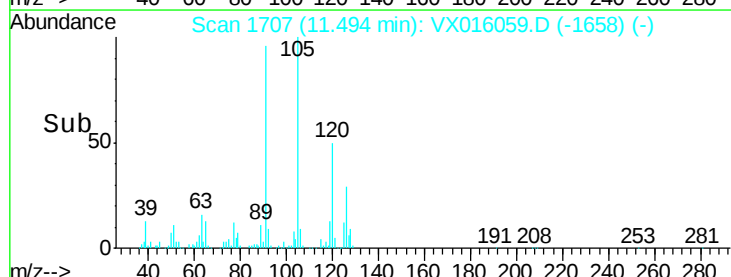


Abundance Ion 105.00 (104.70 to 105.70): VX016059.D (-1658) (-)

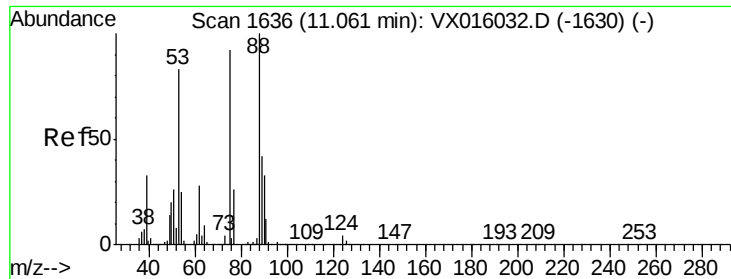
Ion 120.00 (119.70 to 120.70): VX016059.D (-1658) (-)

Time-->

Time-->



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 4.522 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

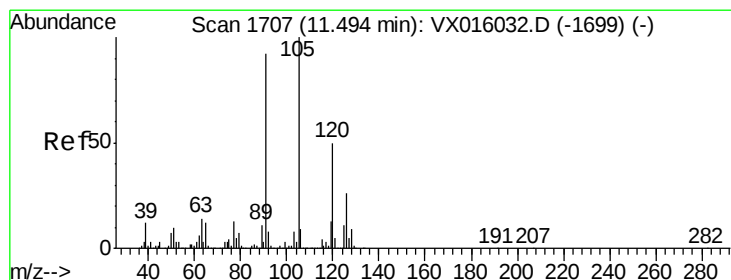
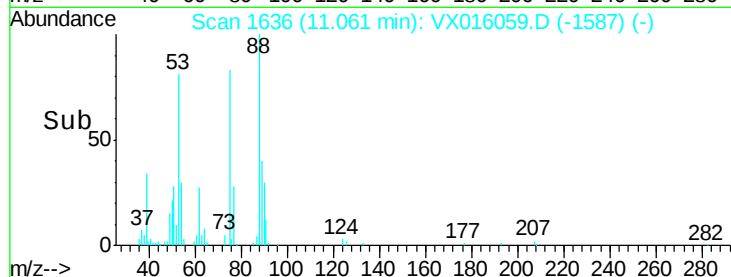
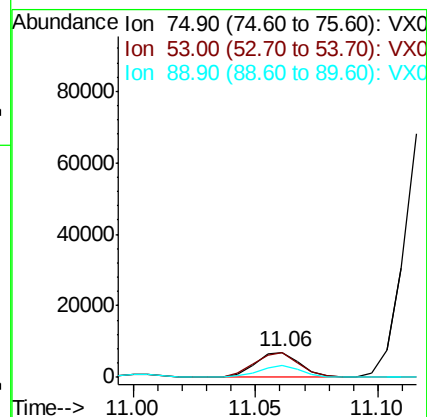
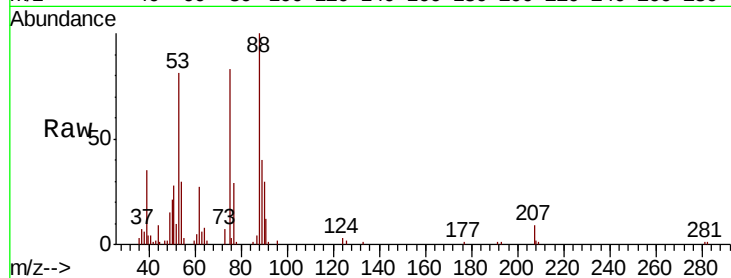
Tot Ion: 75 Resp: 9101

Ion Ratio Lower Upper

75 100

53 98.0 73.1 109.7

89 45.3 36.7 55.1



#82

4-Chlorotoluene

Concen: 4.975 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016059.D

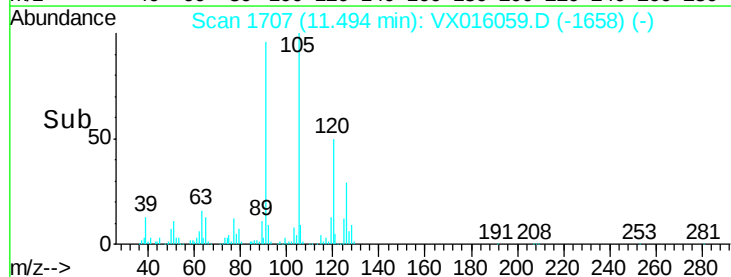
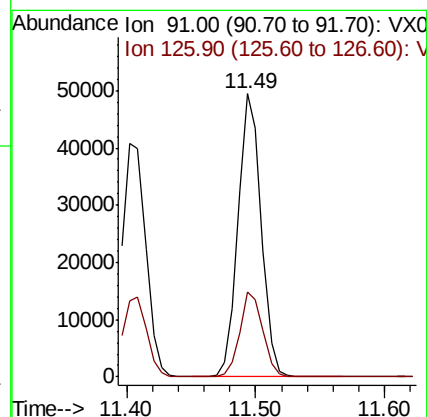
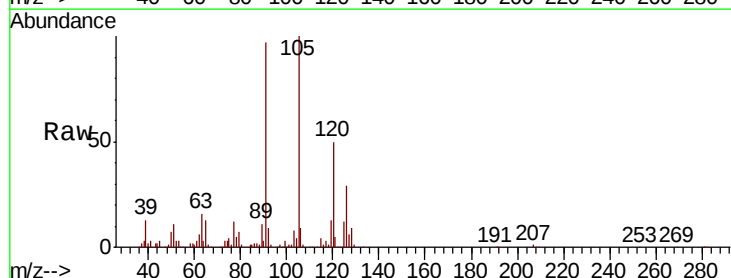
Acq: 05 May 2020 13:26

Tgt Ion: 91 Resp: 62028

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 4.945 ug/l

RT: 11.76 min Scan# 1750

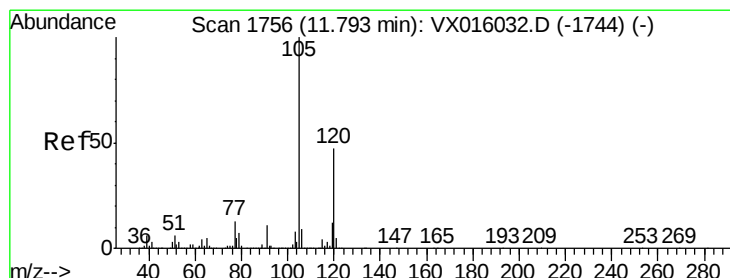
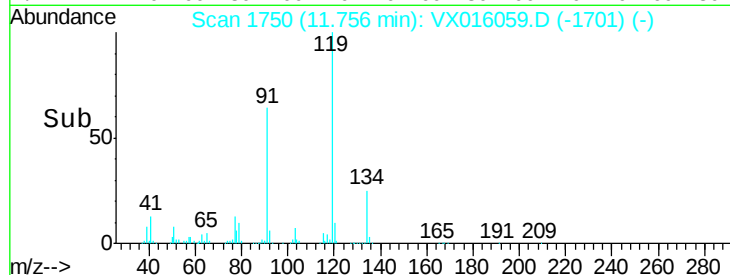
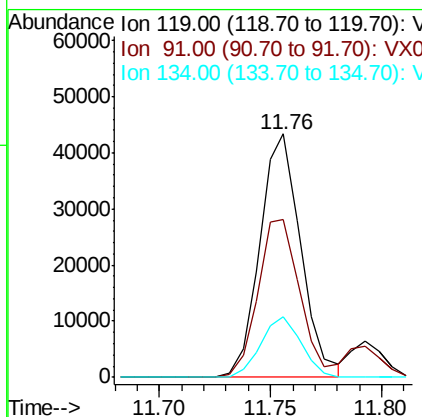
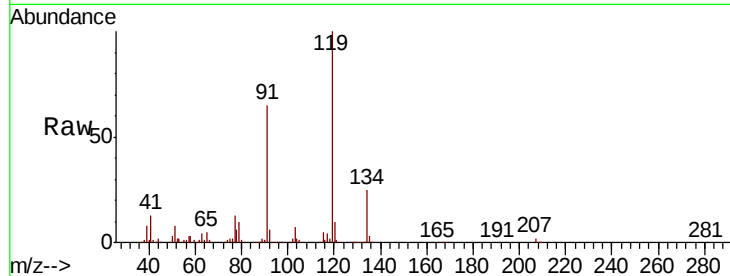
Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.9	32.8	98.4
134	24.7	12.4	37.0



#84

1,2,4-Trimethylbenzene

Concen: 4.896 ug/l

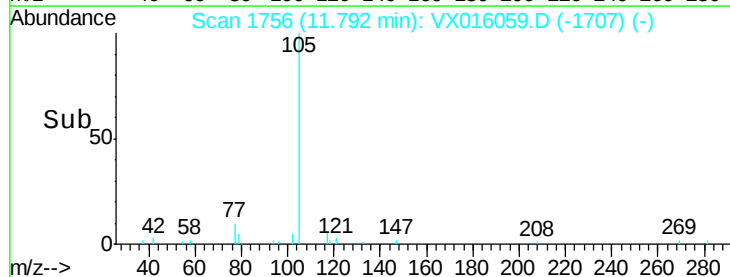
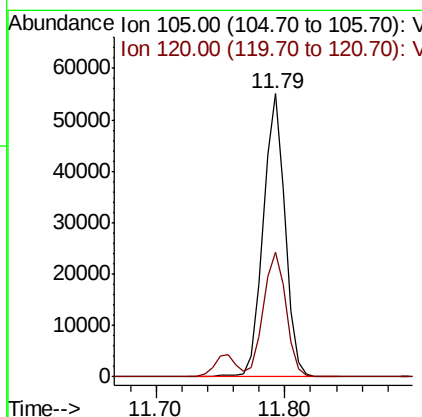
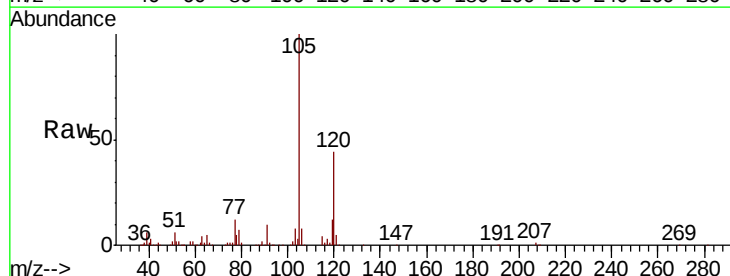
RT: 11.79 min Scan# 1756

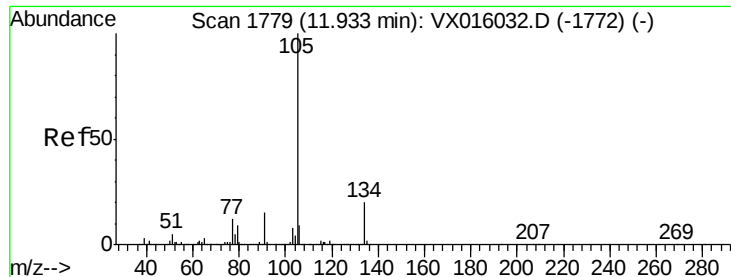
Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.0	69.0





#85

sec-Butylbenzene

Concen: 4.886 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

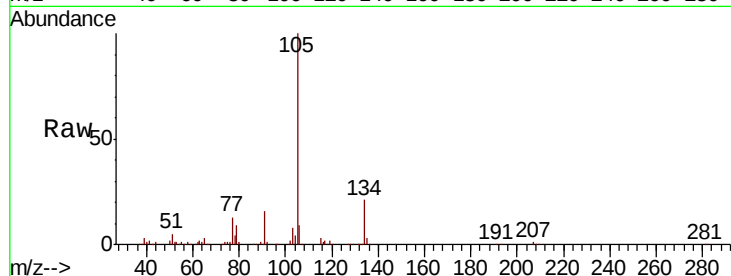
LOQ-WATER-02-QT2-2020

Tot Ion:105 Resp: 73793

Ion Ratio Lower Upper

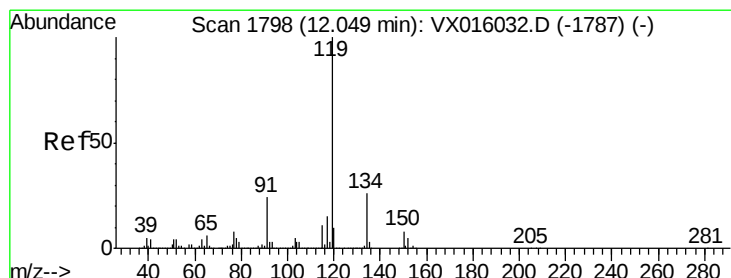
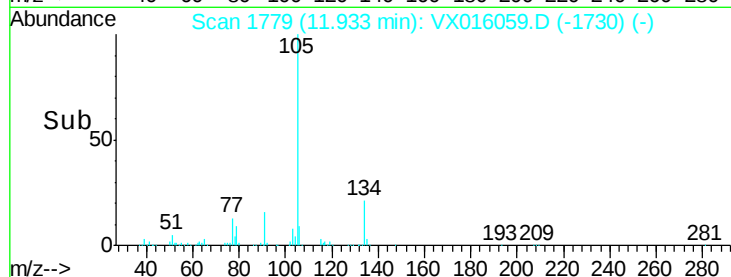
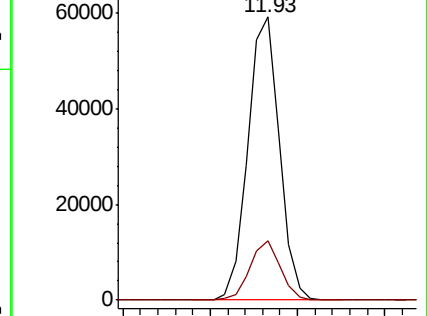
105 100

134 20.0 10.1 30.3



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: VX016059.D

Acq: 05 May 2020 13:26

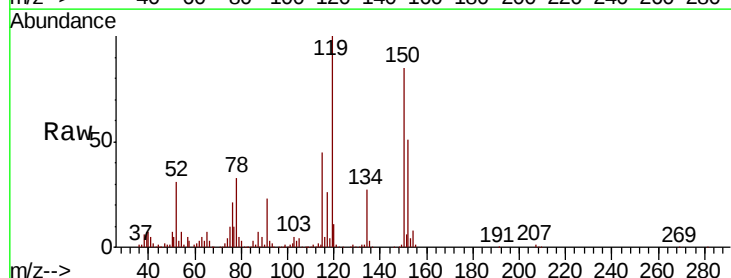
Tgt Ion:119 Resp: 68081

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

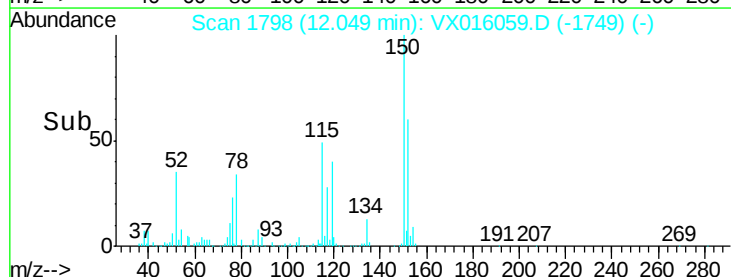
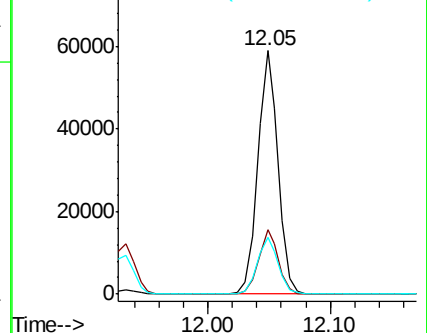
91 24.2 11.8 35.4

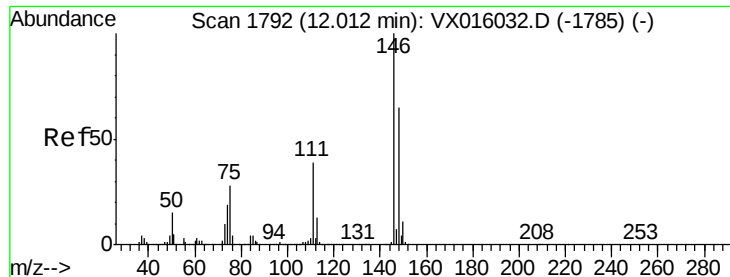


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 4.877 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

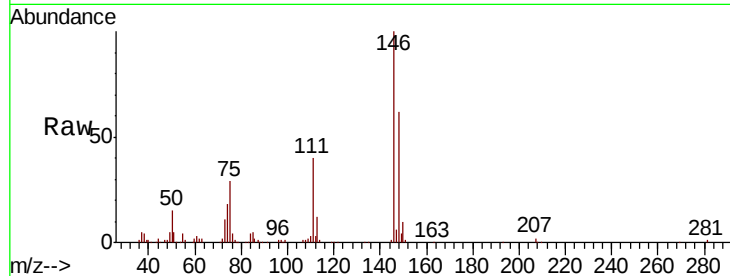
Tot Ion:146 Resp: 34752

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

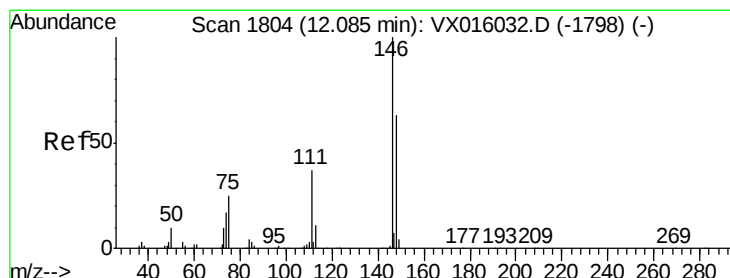
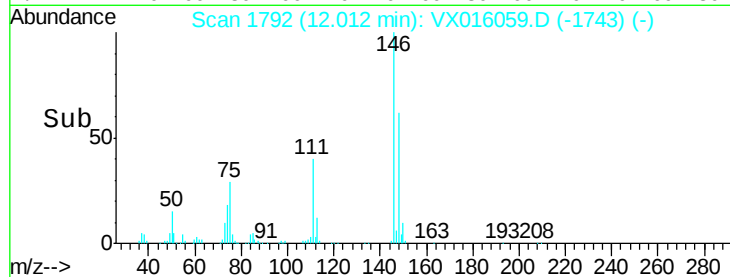
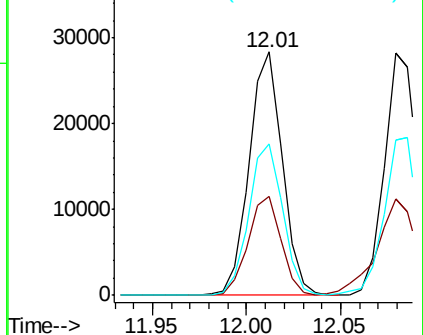
148 63.6 32.1 96.3



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: 4.842 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

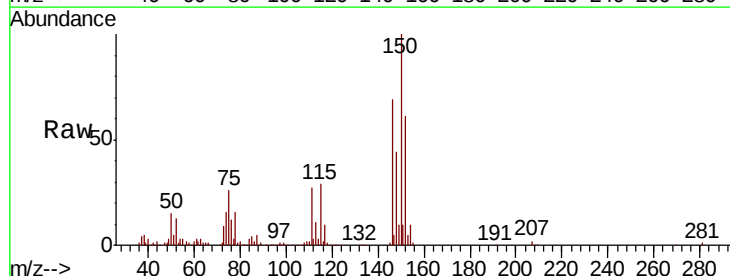
Tgt Ion:146 Resp: 35016

Ion Ratio Lower Upper

146 100

111 46.4 19.6 58.7

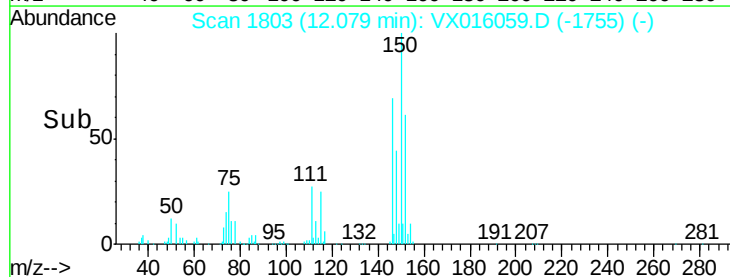
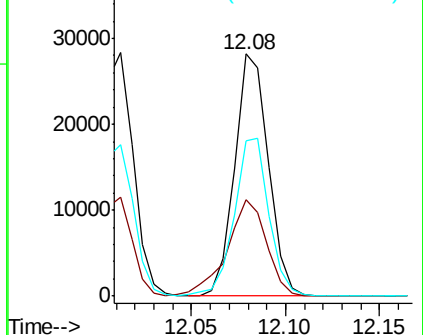
148 66.7 31.8 95.3

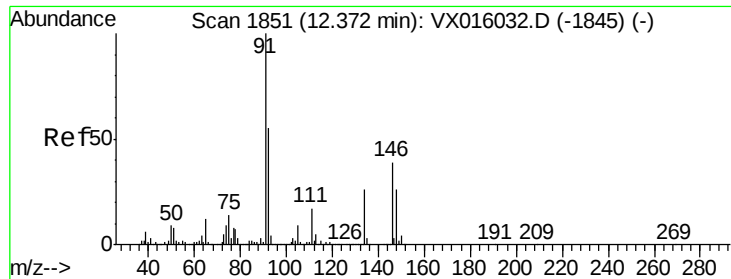


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.683 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

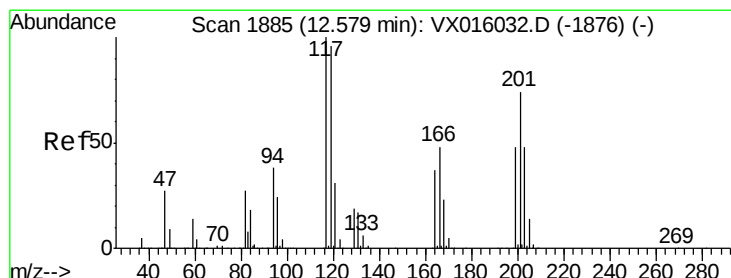
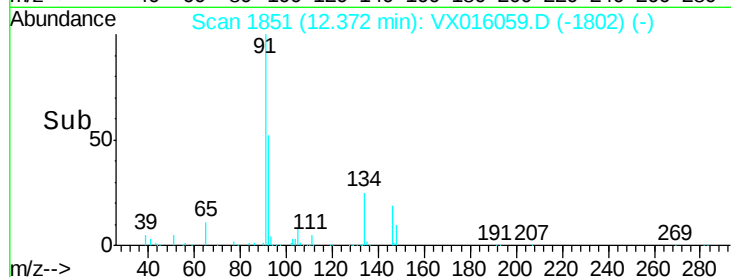
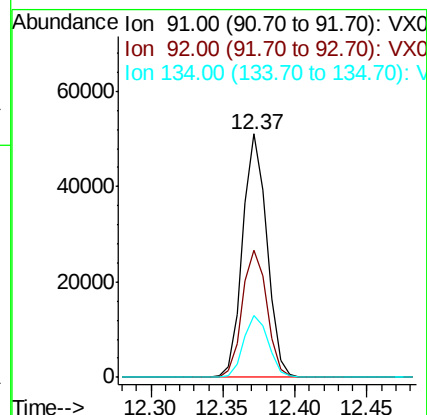
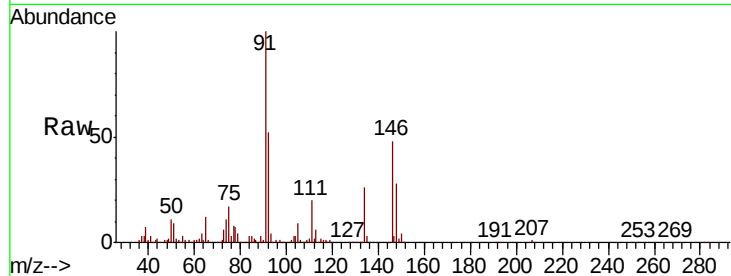
Tot Ion: 91 Resp: 59995

Ion Ratio Lower Upper

91 100

92 52.9 27.6 82.7

134 25.9 13.4 40.1



#90

Hexachloroethane

Concen: 4.483 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016059.D

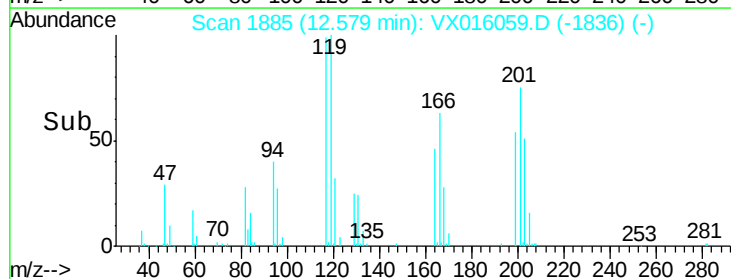
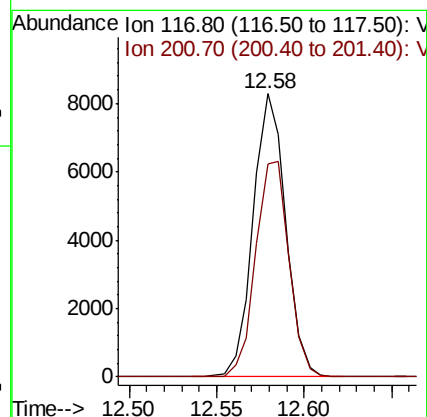
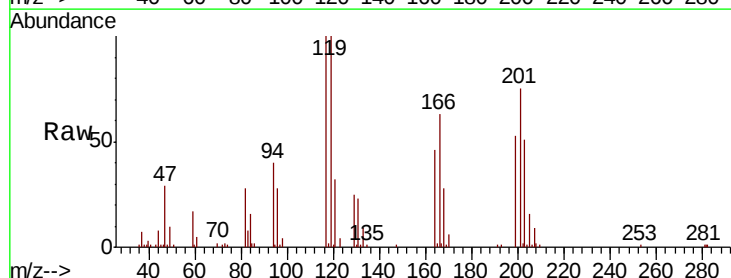
Acq: 05 May 2020 13:26

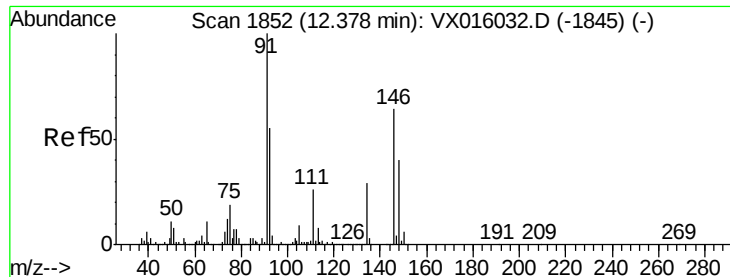
Tgt Ion: 117 Resp: 10796

Ion Ratio Lower Upper

117 100

201 77.8 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 4.913 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2020

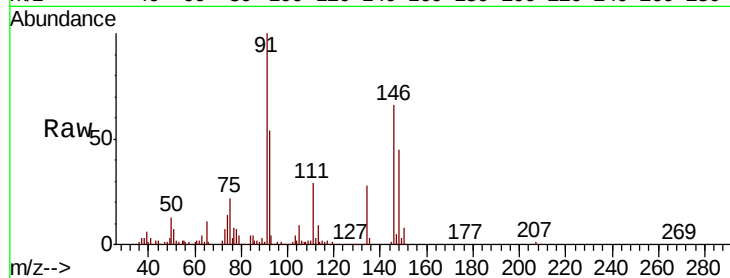
Tot Ion:146 Resp: 33708

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.1

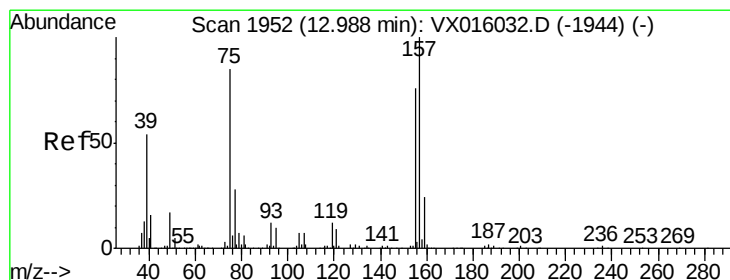
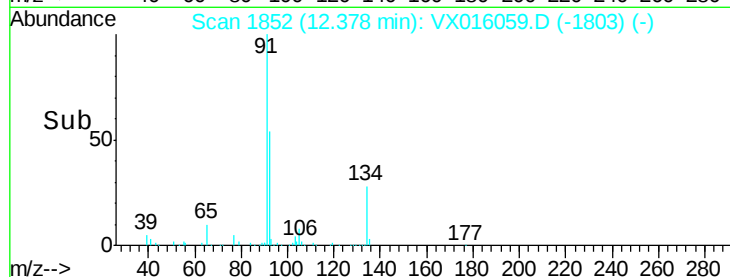
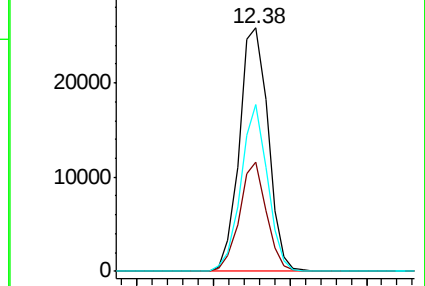
148 63.2 32.4 97.0



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: 4.449 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VX016059.D

Acq: 05 May 2020 13:26

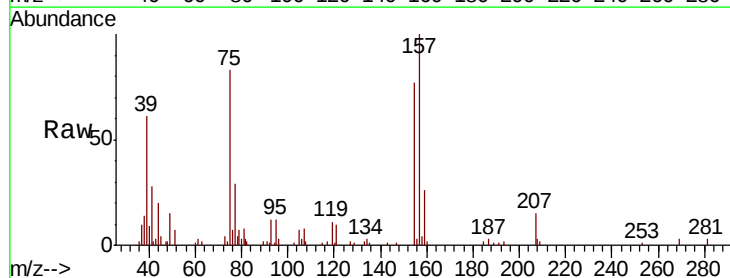
Tgt Ion: 75 Resp: 5624

Ion Ratio Lower Upper

75 100

155 84.3 42.5 127.5

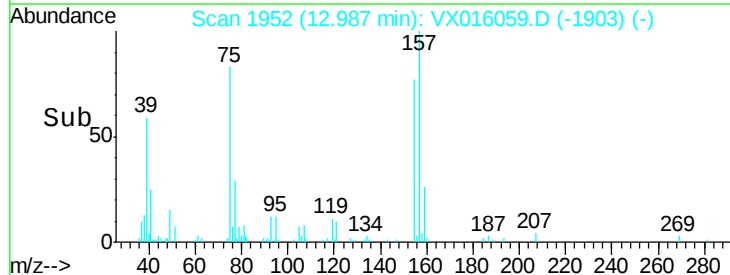
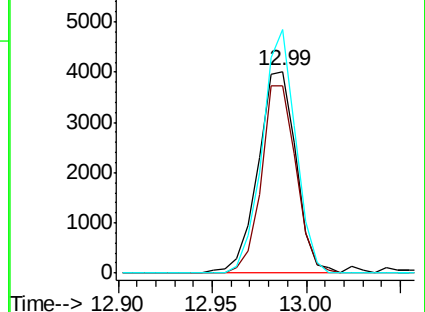
157 105.2 55.3 165.8

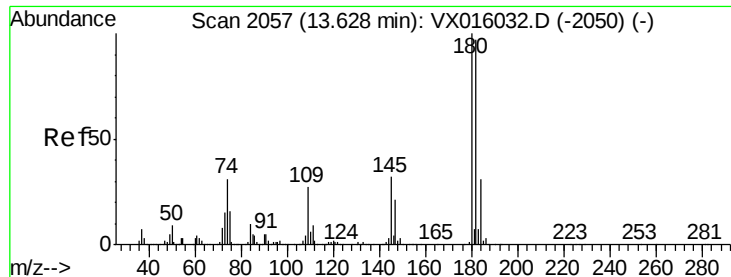


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

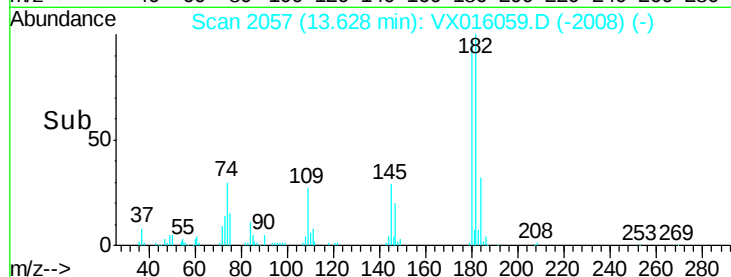
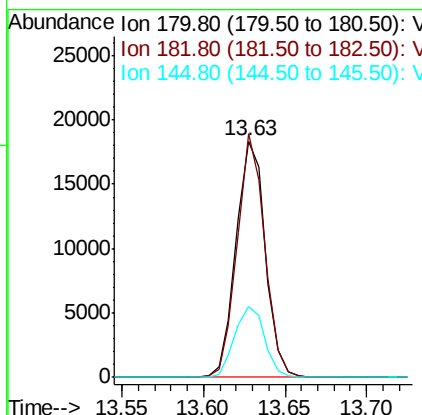
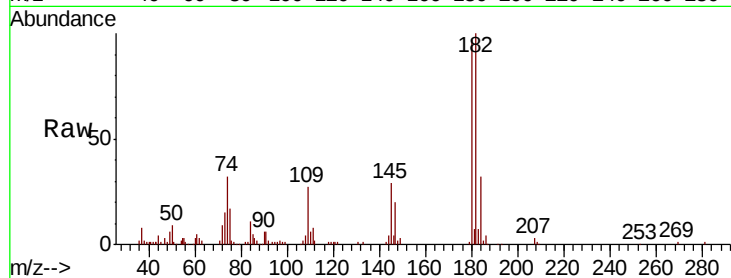




#93
 1,2,4-Trichlorobenzene
 Concen: 4.512 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016059.D
 Acq: 05 May 2020 13:26

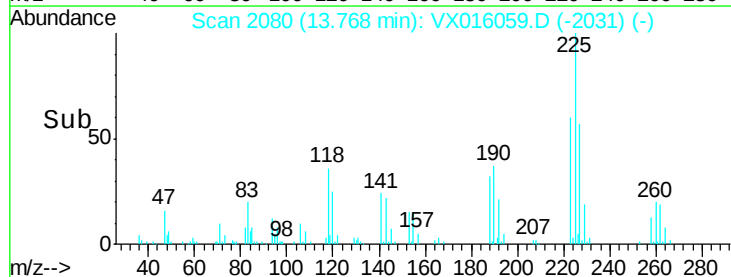
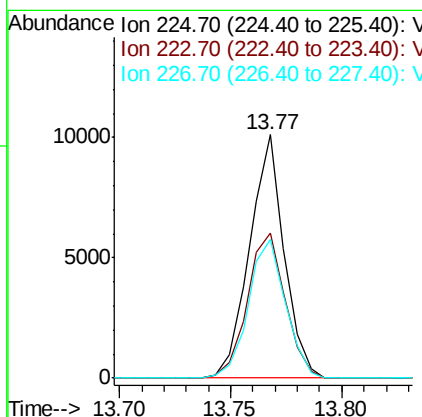
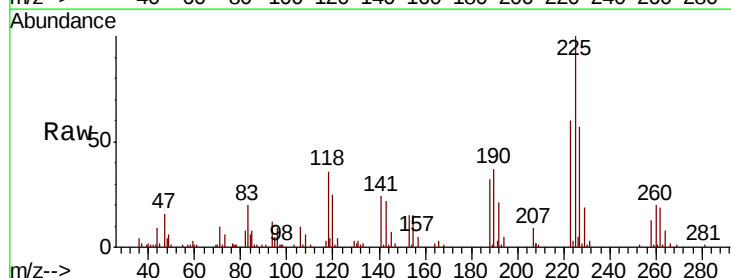
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

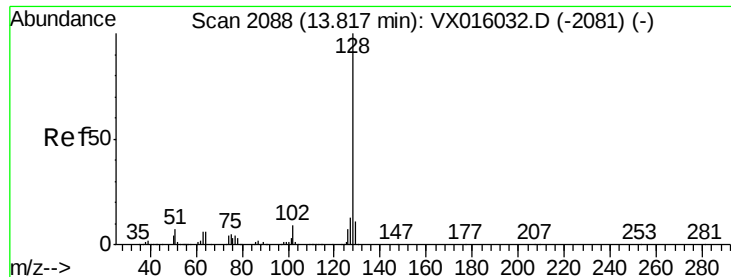
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.7	146.1
145	30.9	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 5.485 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016059.D
 Acq: 05 May 2020 13:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	32.3	96.9
227	61.1	31.8	95.4

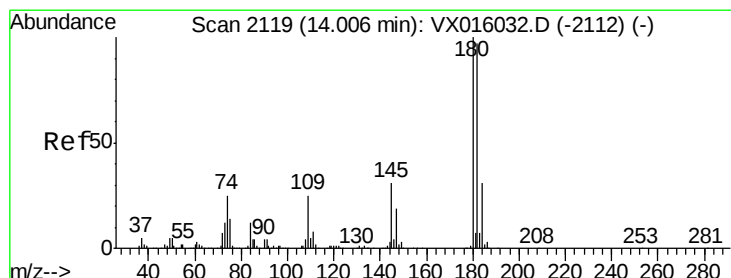
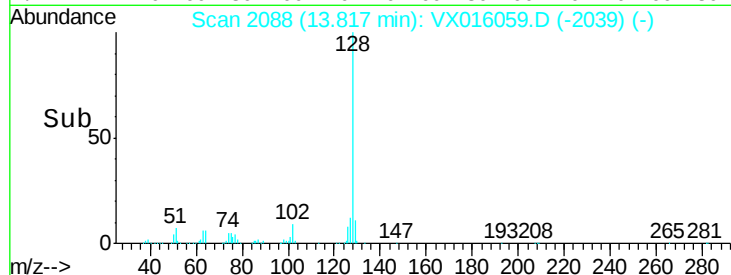
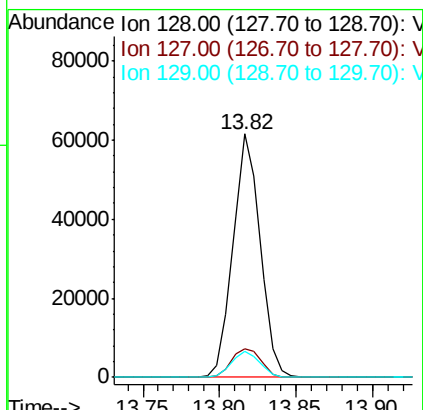
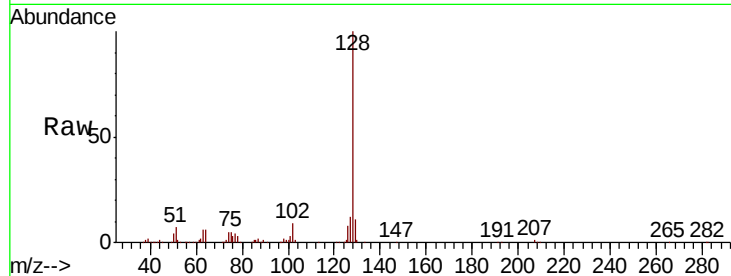




#95
Naphthalene
Concen: 4.597 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:128 Resp: 75613
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.615 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016059.D
Acq: 05 May 2020 13:26

Tgt Ion:180 Resp: 22912
Ion Ratio Lower Upper
180 100
182 98.1 48.4 145.0
145 33.1 16.4 49.1

