

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050119\
 Data File : VX009260.D
 Acq On : 01 May 2019 17:38
 Operator : JC/SP
 Sample : K2241-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Quant Time: May 02 06:52:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	31487	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	178076	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	157795	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	76018	29.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.00%
60) 4-Bromofluorobenzene	11.13	95	78575	29.30	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.67%
63) Toluene-d8	8.71	98	227039	30.35	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.17%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	7611	4.549 ug/l	96
3) Chloromethane	1.32	50	10849	4.824 ug/l	98
4) Vinyl Chloride	1.41	62	10708	4.773 ug/l	94
5) Bromomethane	1.64	94	7140	5.021 ug/l	100
6) Chloroethane	1.71	64	6805	4.625 ug/l	98
7) Trichlorofluoromethane	1.92	101	13433	4.849 ug/l	95
8) Diethyl Ether	2.18	74	6746	5.244 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	8541	4.980 ug/l	98
10) 1,1-Dichloroethene	2.37	96	8422	4.890 ug/l	98
11) Methyl Iodide	2.51	142	6881	3.675 ug/l	99
12) Methyl Acetate	2.77	43	18150	5.595 ug/l	97
13) Acrolein	2.29	56	12753	28.664 ug/l	98
14) Acrylonitrile	3.14	53	35949	25.536 ug/l	99
15) Acetone	2.45	58	10434	25.814 ug/l	99
16) Carbon Disulfide	2.57	76	19666	4.220 ug/l	100
17) Allyl chloride	2.73	41	19855	4.802 ug/l	96
18) Methylene Chloride	2.85	84	10373	4.984 ug/l	97
19) trans-1,2-Dichloroethene	3.17	96	8969	4.884 ug/l	96
20) Diisopropyl ether	3.85	45	40947	5.029 ug/l	95
21) 1,1-Dichloroethane	3.70	63	19877	5.044 ug/l	96
22) cis-1,2-Dichloroethene	4.60	96	11107	5.022 ug/l	97
23) tert-Butyl Alcohol	3.05	59	16200	27.214 ug/l #	100
24) Methyl tert-Butyl Ether	3.20	73	34033	5.049 ug/l	98
25) Chloroform	5.21	83	18585	5.168 ug/l	95
26) Cyclohexane	5.58	56	17229	4.691 ug/l #	93
29) 1,1-Dichloropropene	5.79	75	13264	5.076 ug/l	98
30) 2-Butanone	4.68	43	54072	26.424 ug/l	98
31) 2,2-Dichloropropane	4.58	77	14384	4.993 ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	14520	5.126 ug/l	98
33) Carbon Tetrachloride	5.50	117	1033	0.436 ug/l	83
34) Benzene	6.14	78	41985	5.212 ug/l	98
35) Methacrylonitrile	5.04	41	11517	5.379 ug/l	97
36) 1,2-Dichloroethane	6.19	62	15815	5.410 ug/l	99
37) Trichloroethene	7.21	130	9760	5.033 ug/l	87
38) Methylcyclohexane	7.46	83	15663	4.852 ug/l	99
39) 1,2-Dichloropropane	7.51	63	12027	5.243 ug/l	96
40) Dibromomethane	7.66	93	6822	5.240 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	13337	5.015	ug/l	95
42) Vinyl Acetate	3.81	43	166682	24.680	ug/l	99
43) Ethyl Acetate	4.84	43	20543	5.556	ug/l	97
44) Isopropyl Acetate	6.45	43	29906	4.992	ug/l	98
45) 1,4-Dioxane	7.74	88	6693	113.804	ug/l	98
46) Methyl methacrylate	7.77	41	15382	5.145	ug/l	97
47) n-amyl Acetate	10.90	43	26498	4.910	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	14350	4.624	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	16078	4.720	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	10972	5.500	ug/l	95
51) Ethyl methacrylate	9.18	69	18298	4.964	ug/l	98
52) 1,3-Dichloropropane	9.37	76	19008	5.369	ug/l	100
53) Dibromochloromethane	9.58	129	9838	4.952	ug/l	100
54) 1,2-Dibromoethane	9.67	107	10472	5.119	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	47221	24.039	ug/l	99
56) Bromoform	10.85	173	6874	4.508	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	103136	26.581	ug/l	99
59) 2-Hexanone	9.49	43	80023	26.295	ug/l	100
61) Tetrachloroethene	9.34	164	8933	5.135	ug/l	90
62) Toluene	8.78	91	43345	5.141	ug/l	99
64) Chlorobenzene	10.13	112	26552	5.232	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	9428	5.074	ug/l	99
66) Ethyl Benzene	10.25	91	47816	5.090	ug/l	98
67) m/p-Xylenes	10.36	106	34459	10.048	ug/l	99
68) o-Xylene	10.69	106	17369	5.151	ug/l	100
69) Styrene	10.71	104	29047	4.907	ug/l	99
70) Isopropylbenzene	11.02	105	46307	5.106	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	18110	5.453	ug/l	100
72) 1,1,2,3-Trichloropropane	11.29	75	20099	7.022	ug/l	82
73) Bromobenzene	11.26	156	11356	5.068	ug/l	98
74) n-propylbenzene	11.36	91	52753	5.019	ug/l	100
75) 2-Chlorotoluene	11.42	91	32835	5.209	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	38718	5.040	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	4761	4.124	ug/l	88
78) 4-Chlorotoluene	11.51	91	35799	5.000	ug/l	99
79) tert-butylbenzene	11.77	119	38105	5.131	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	38527	5.004	ug/l	99
81) sec-Butylbenzene	11.94	105	45166	5.119	ug/l	98
82) p-Isopropyltoluene	12.06	119	39386	4.907	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	19951	4.986	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	20064	5.033	ug/l	98
85) n-Butylbenzene	12.38	91	33172	4.517	ug/l	100
86) Hexachloroethane	12.60	117	5982	4.380	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	20933	5.197	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	3972	5.146	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	13883	4.835	ug/l	97
90) Hexachlorobutadiene	13.78	225	6911	4.819	ug/l	96
91) Naphthalene	13.83	128	45726	4.864	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	13632	4.671	ug/l	96

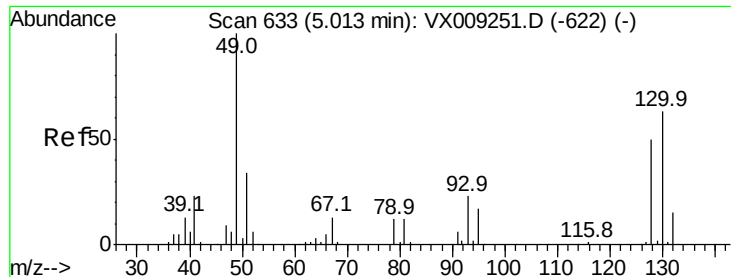
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

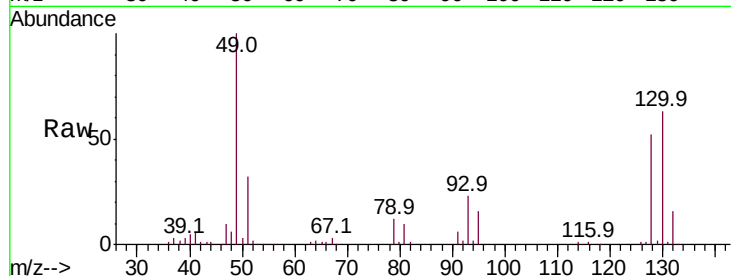
Tot Ion:128 Resp: 31487

Ion Ratio Lower Upper

128 100

49 201.7 0.0 515.0

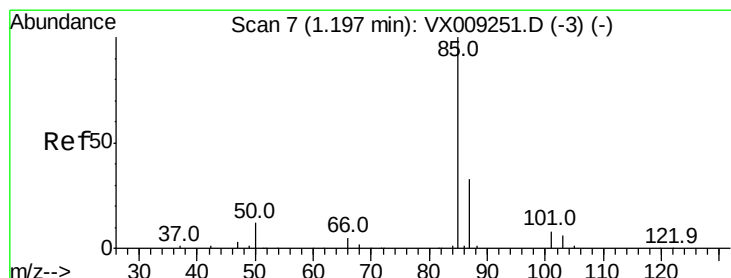
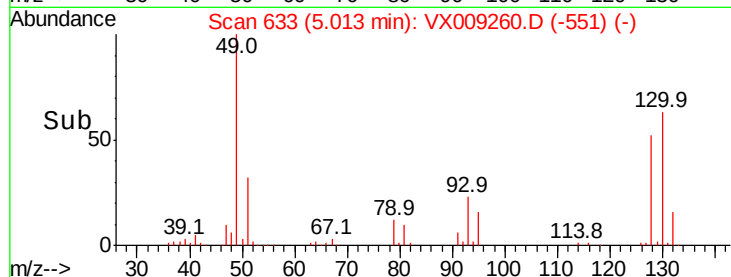
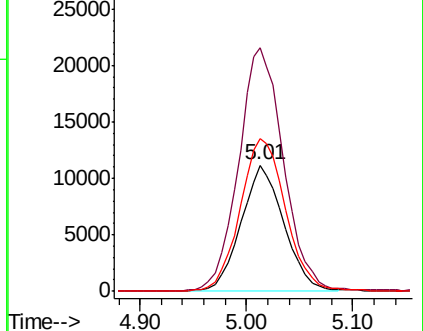
130 128.3 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 4.549 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009260.D

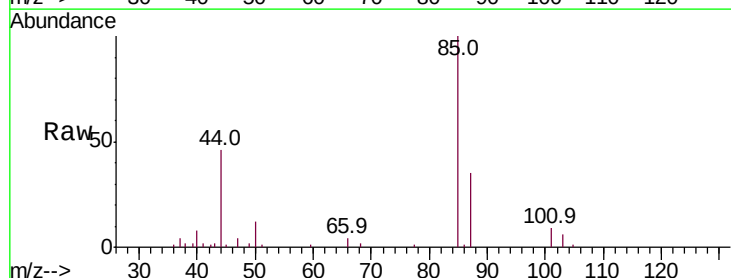
Acq: 01 May 2019 17:38

Tgt Ion: 85 Resp: 7611

Ion Ratio Lower Upper

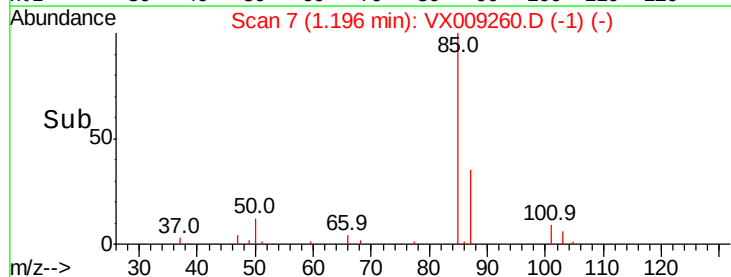
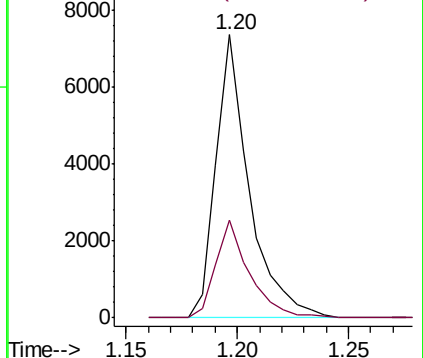
85 100

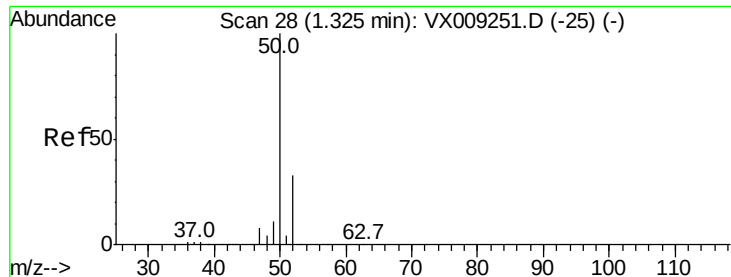
87 34.8 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 4.824 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

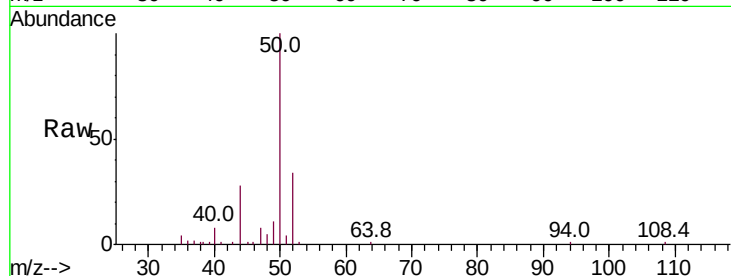
LOQ-WATER-02-QT2-2019

Tot Ion: 50 Resp: 10849

Ion Ratio Lower Upper

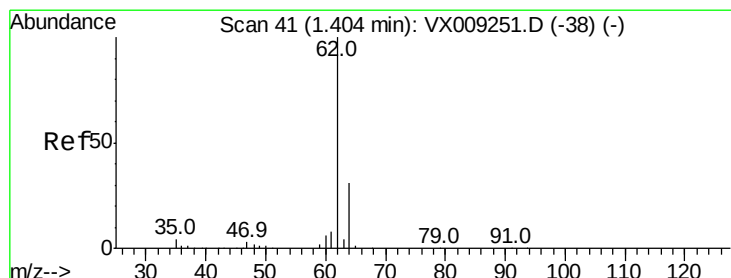
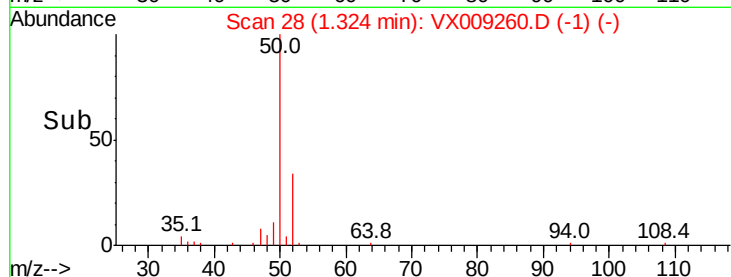
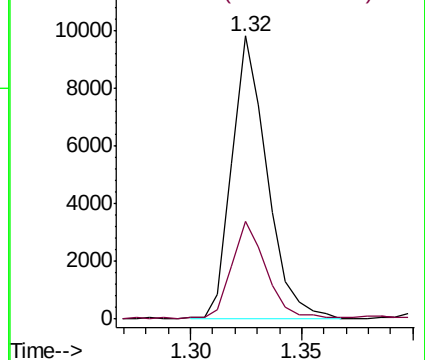
50 100

52 33.9 26.3 39.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 4.773 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX009260.D

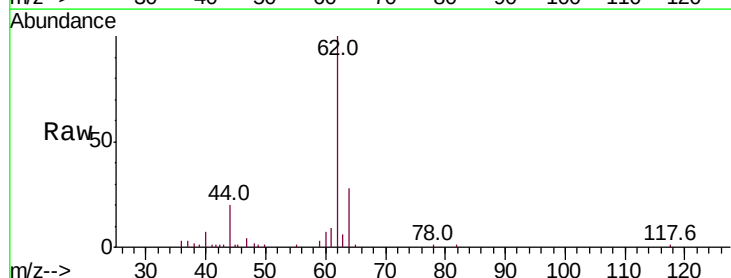
Acq: 01 May 2019 17:38

Tgt Ion: 62 Resp: 10708

Ion Ratio Lower Upper

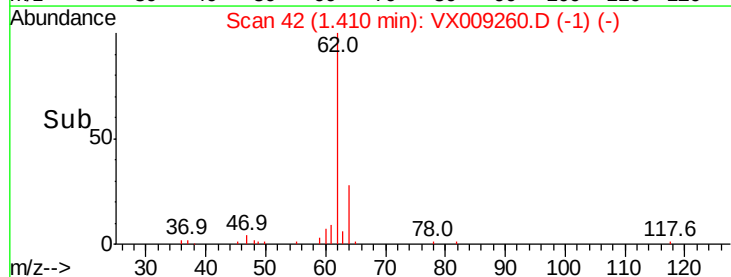
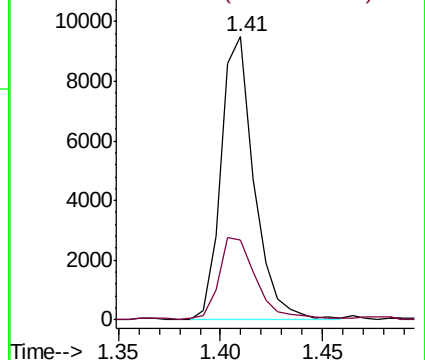
62 100

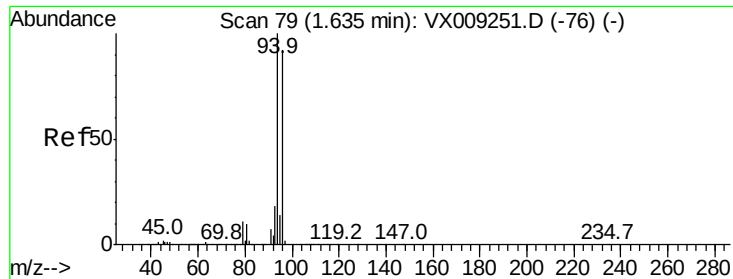
64 27.3 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 5.021 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

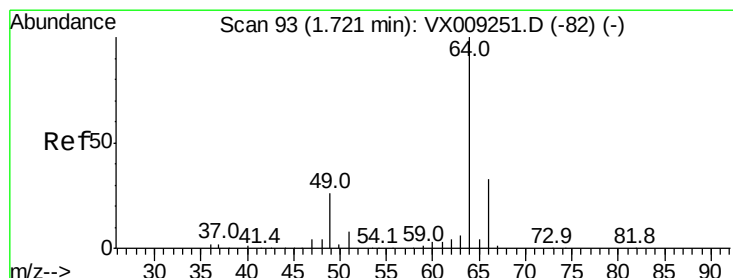
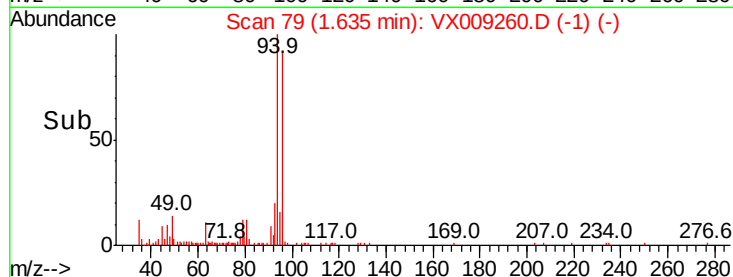
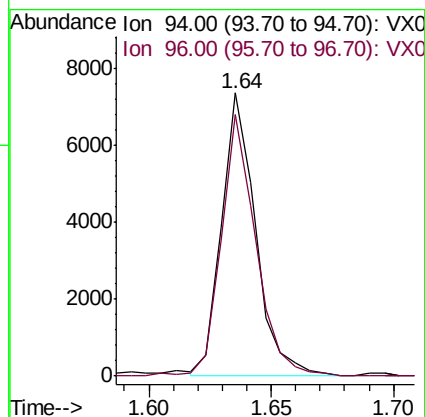
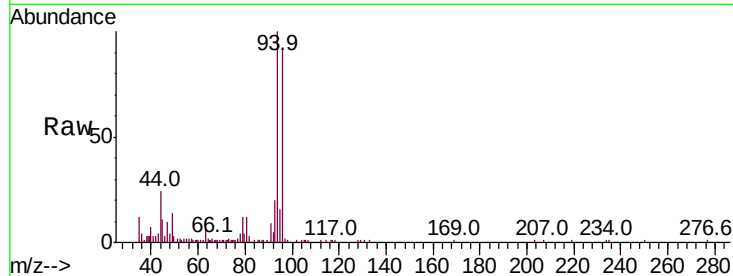
LOQ-WATER-02-QT2-2019

Tot Ion: 94 Resp: 7140

Ion Ratio Lower Upper

94 100

96 92.3 73.5 110.3



#6

Chloroethane

Concen: 4.625 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009260.D

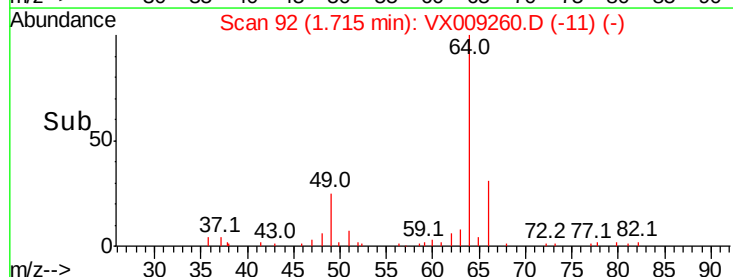
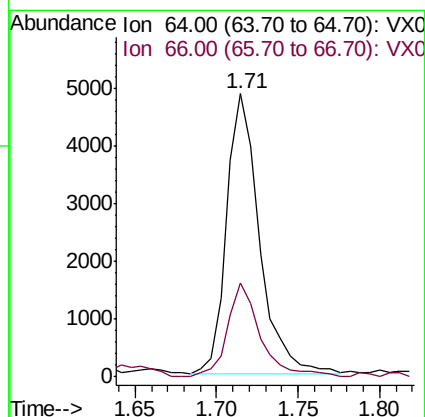
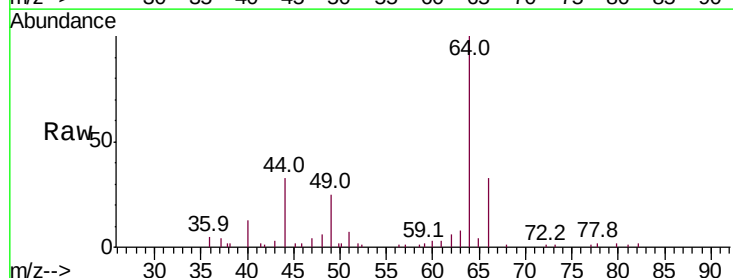
Acq: 01 May 2019 17:38

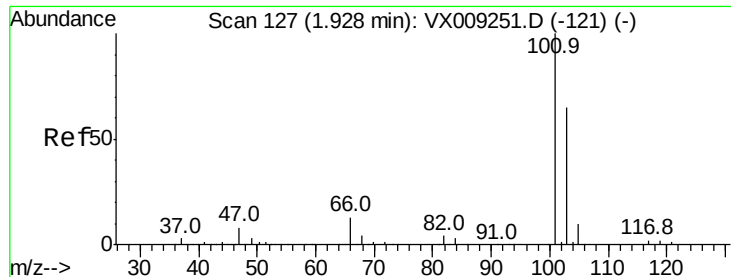
Tgt Ion: 64 Resp: 6805

Ion Ratio Lower Upper

64 100

66 33.4 25.9 38.9



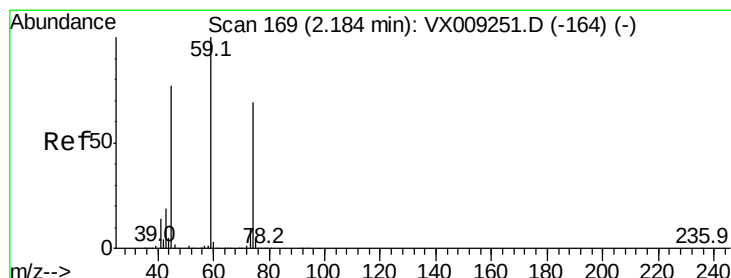
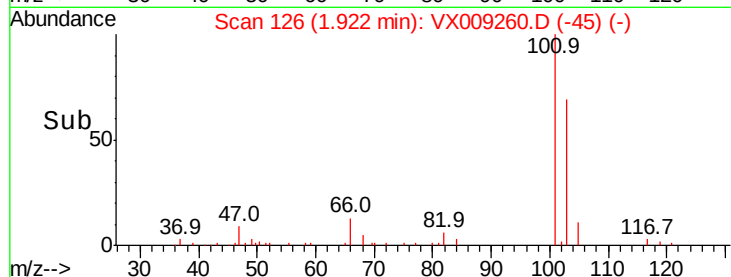
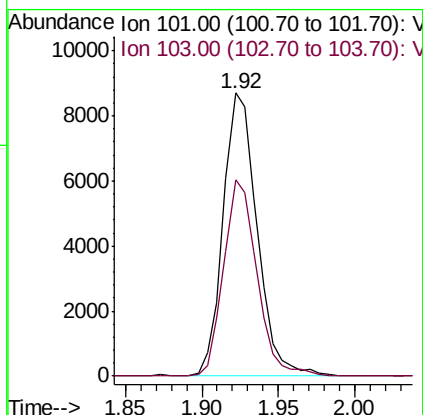
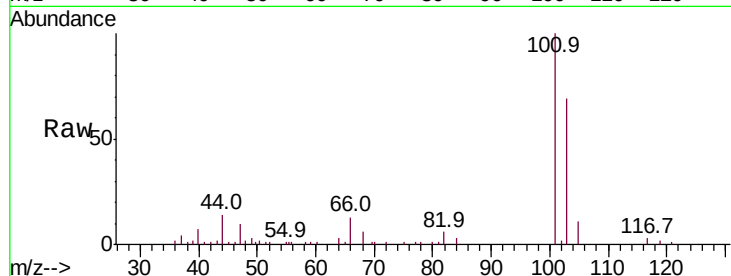


#7

Trichlorofluoromethane
 Concen: 4.849 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

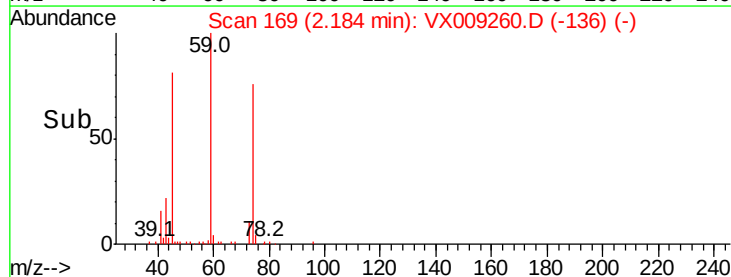
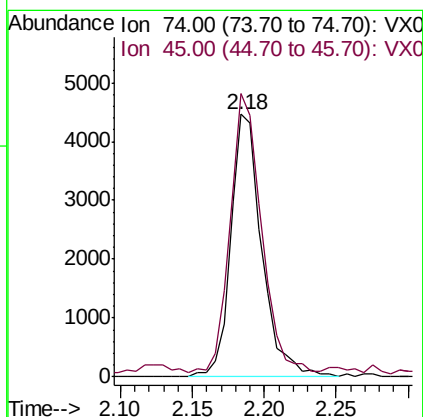
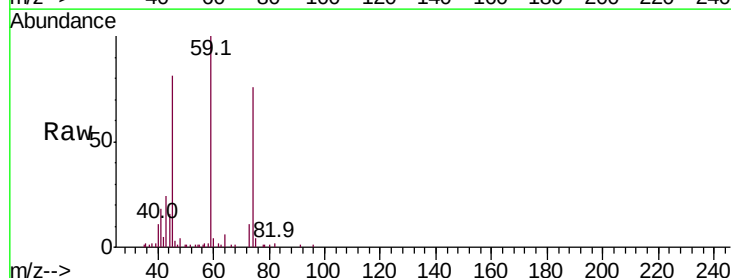
Tot Ion:101 Resp: 13433
 Ion Ratio Lower Upper
 101 100
 103 69.1 51.9 77.9

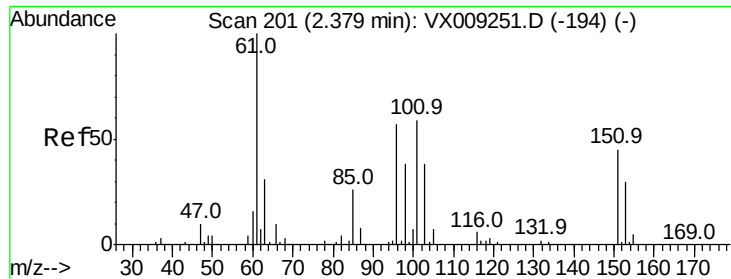


#8

Diethyl Ether
 Concen: 5.244 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion: 74 Resp: 6746
 Ion Ratio Lower Upper
 74 100
 45 105.6 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.980 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

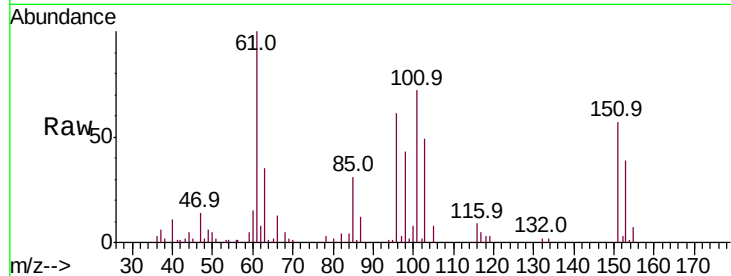
Tot Ion:101 Resp: 8541

Ion Ratio Lower Upper

101 100

85 45.6 0.0 87.4

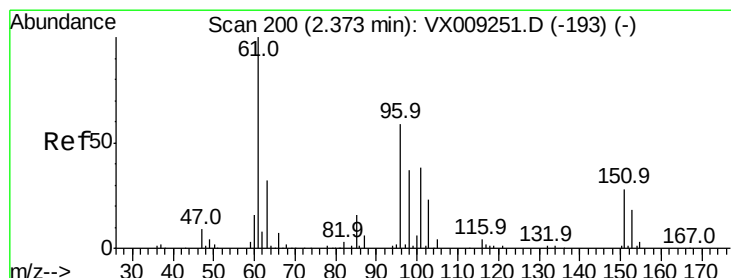
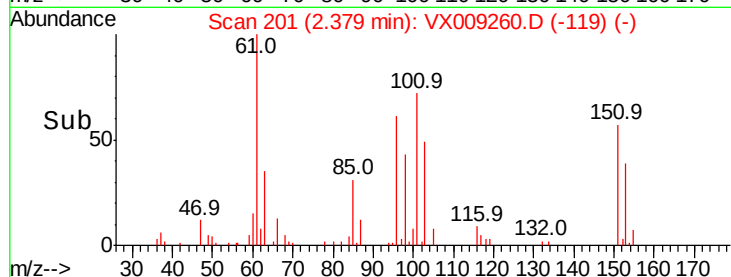
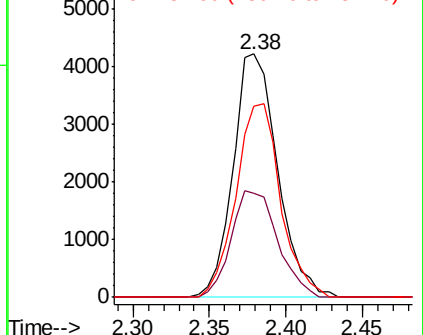
151 79.5 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 4.890 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

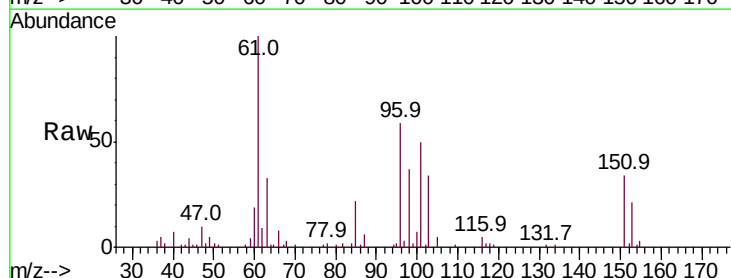
Tgt Ion: 96 Resp: 8422

Ion Ratio Lower Upper

96 100

61 168.8 136.5 204.7

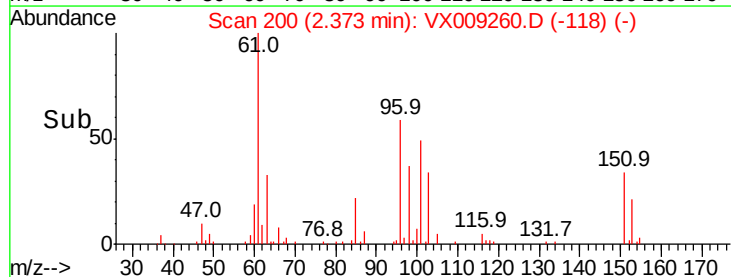
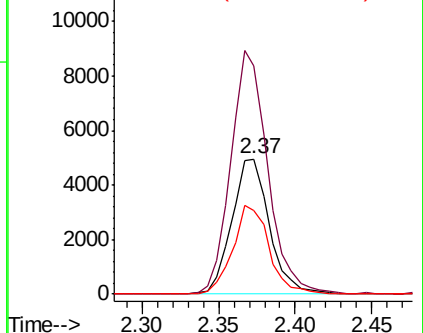
98 61.8 51.0 76.4

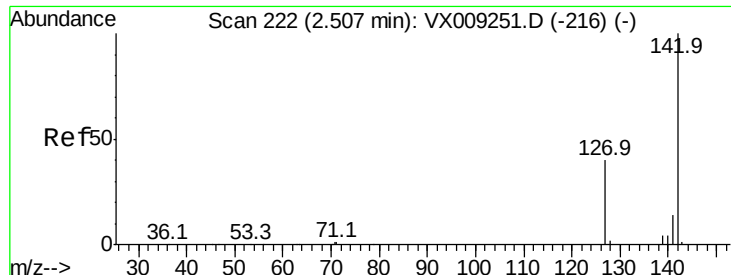


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

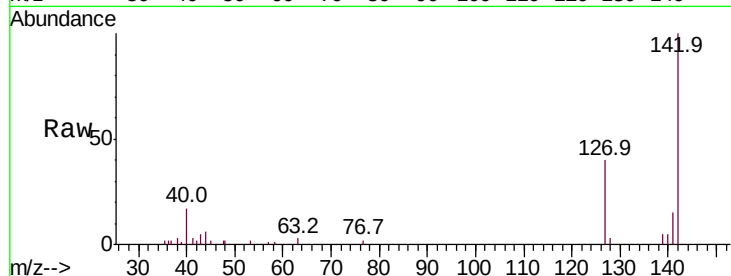




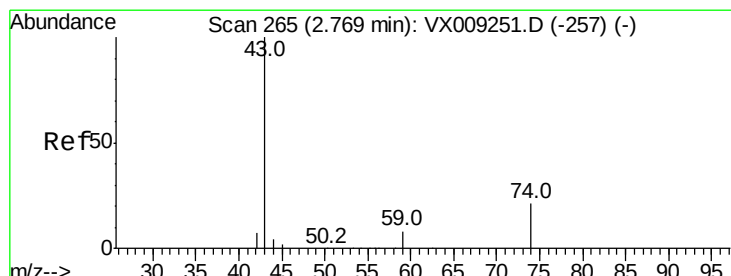
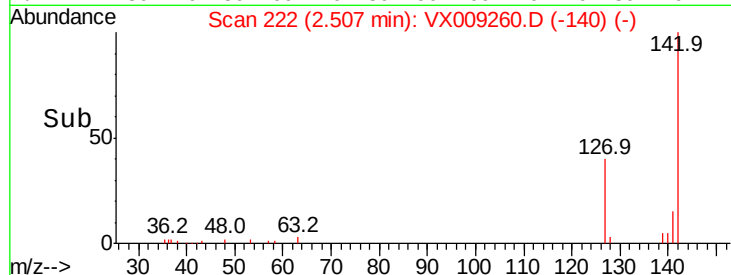
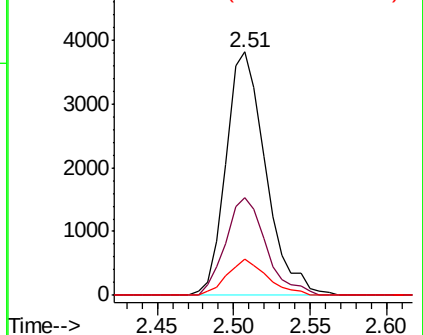
#11
Methvl Iodide
Concen: 3.675 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:142 Resp: 6881
Ion Ratio Lower Upper
142 100
127 40.1 20.2 60.5
141 15.1 6.9 20.7

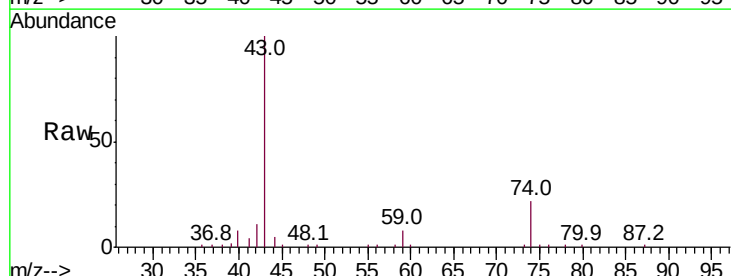


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

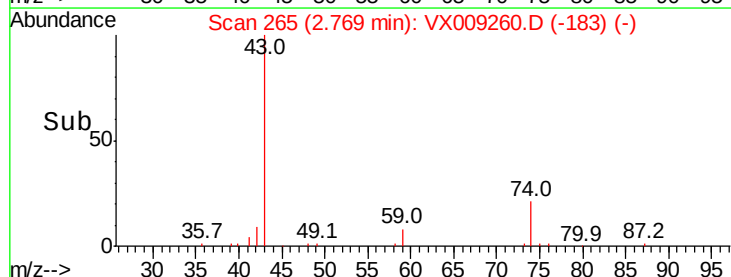
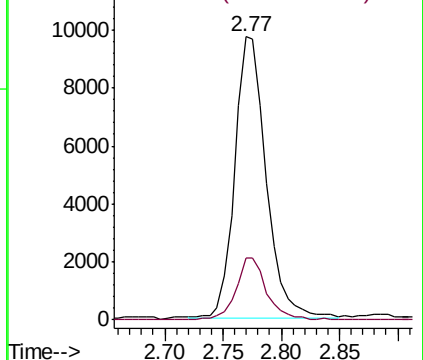


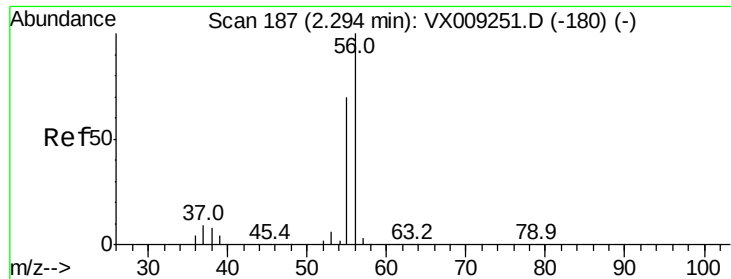
#12
Methyl Acetate
Concen: 5.595 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Tgt Ion: 43 Resp: 18150
Ion Ratio Lower Upper
43 100
74 22.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 28.664 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

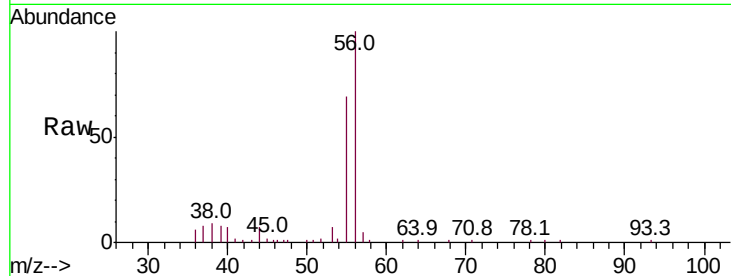
LOQ-WATER-02-QT2-2019

Tot Ion: 56 Resp: 12753

Ion Ratio Lower Upper

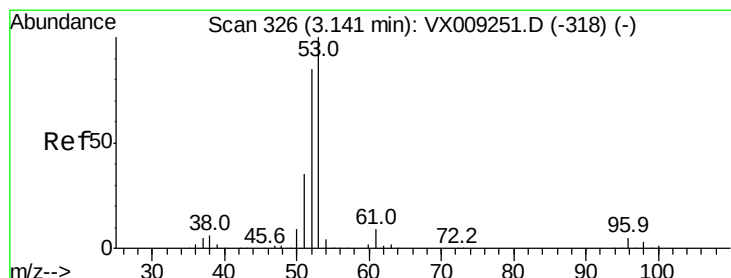
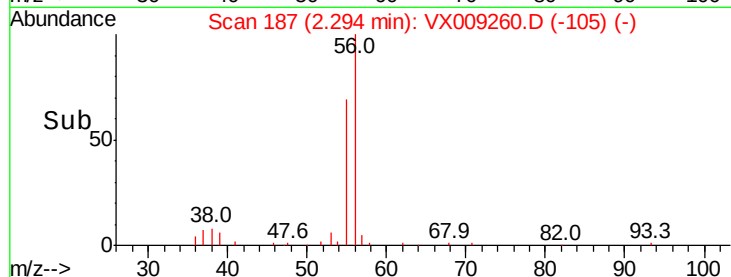
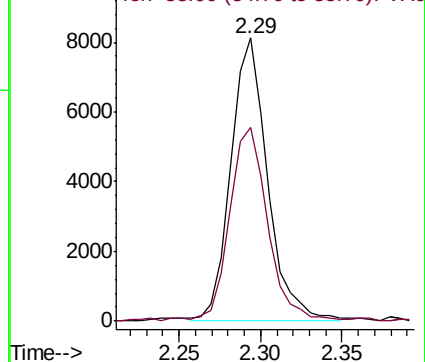
56 100

55 69.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 25.536 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

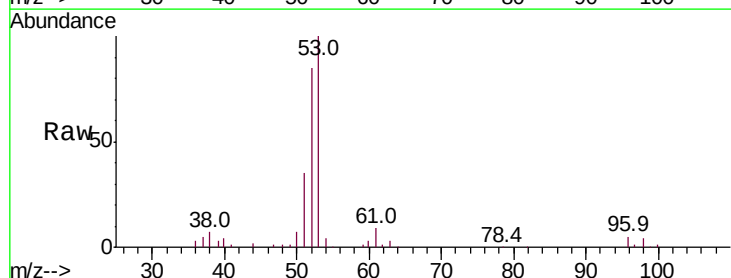
Tgt Ion: 53 Resp: 35949

Ion Ratio Lower Upper

53 100

52 84.1 41.5 124.5

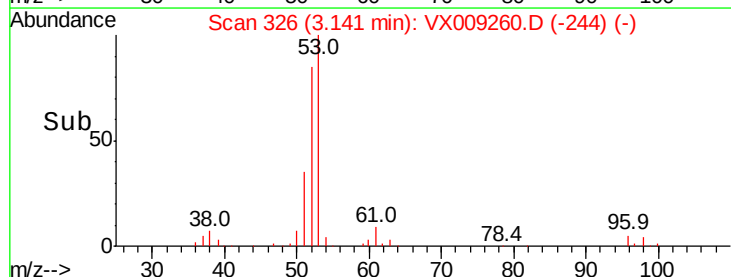
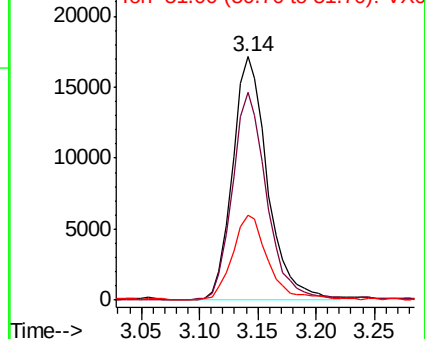
51 35.9 17.8 53.3

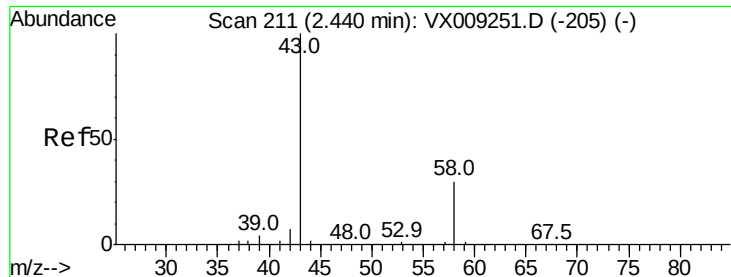


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 25.814 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

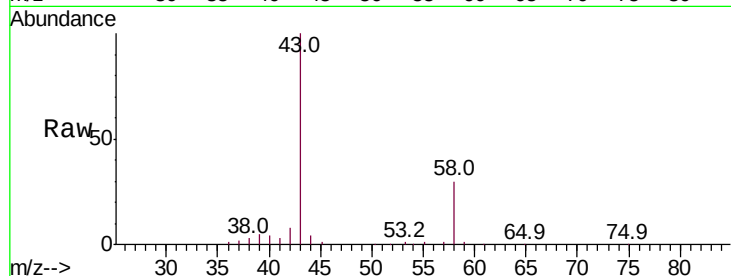
LOQ-WATER-02-QT2-2019

Tot Ion: 58 Resp: 10434

Ion Ratio Lower Upper

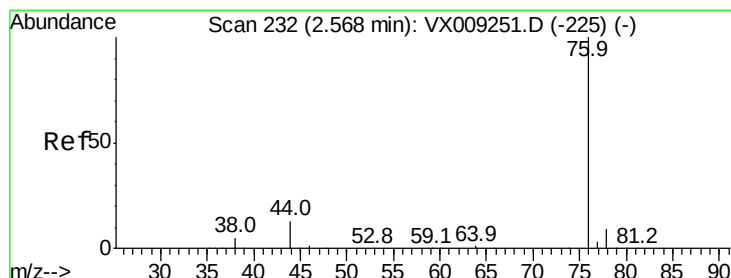
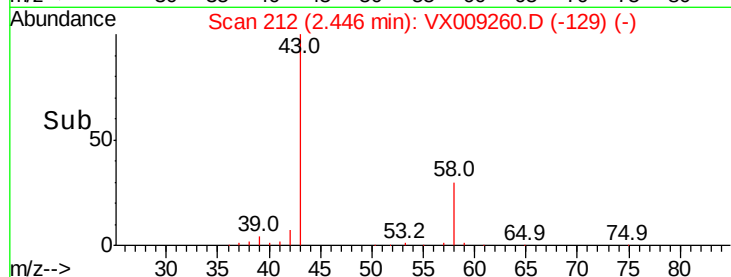
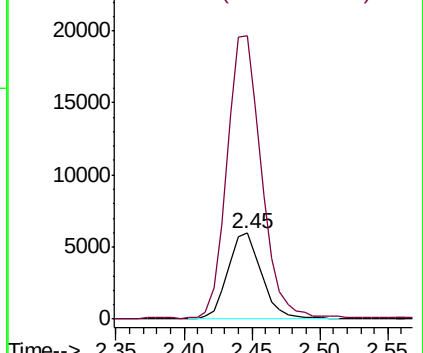
58 100

43 328.9 264.0 396.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 4.220 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009260.D

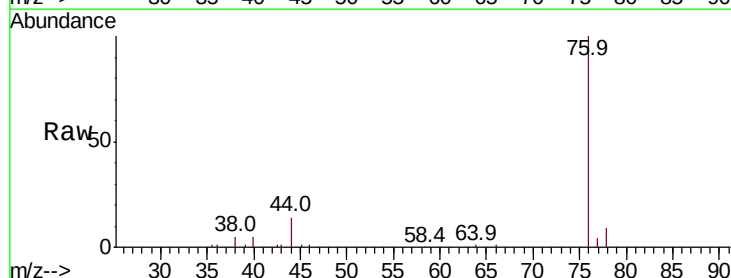
Acq: 01 May 2019 17:38

Tgt Ion: 76 Resp: 19666

Ion Ratio Lower Upper

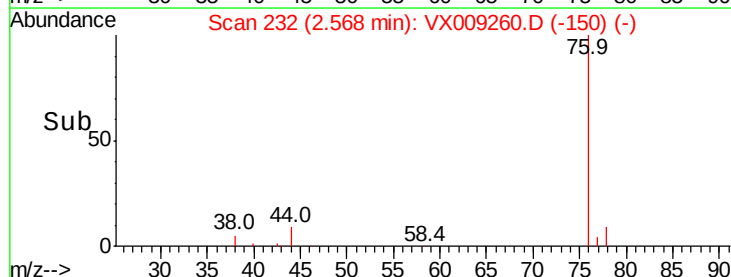
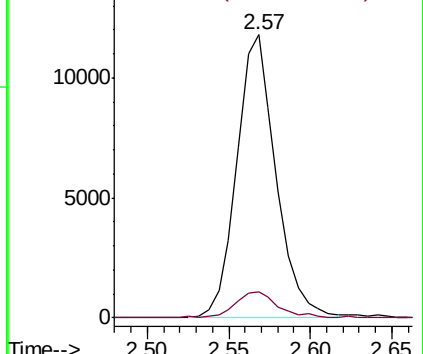
76 100

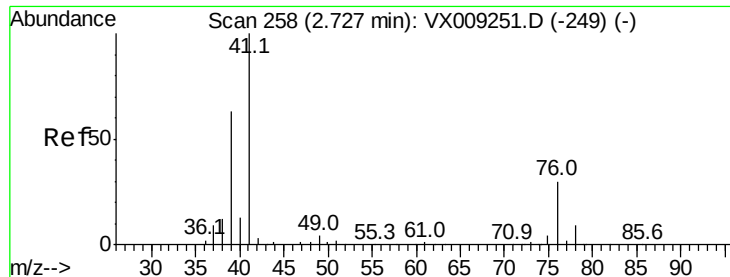
78 9.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

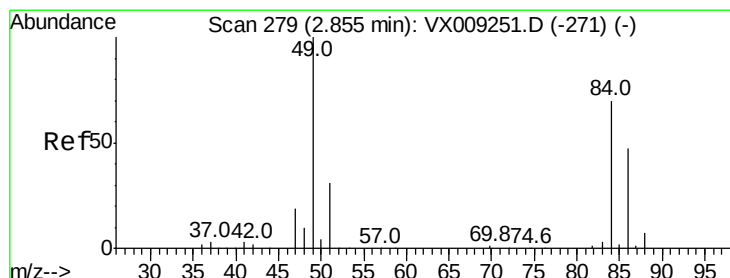
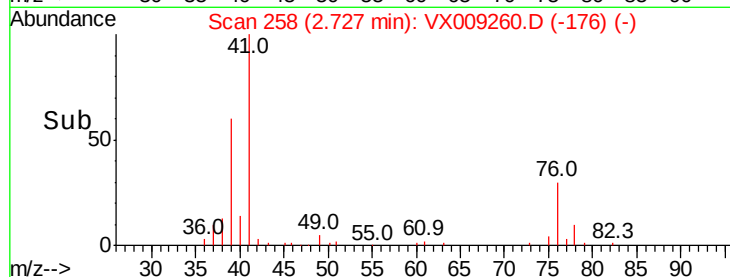
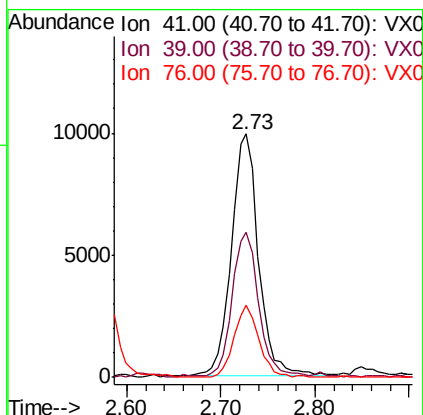
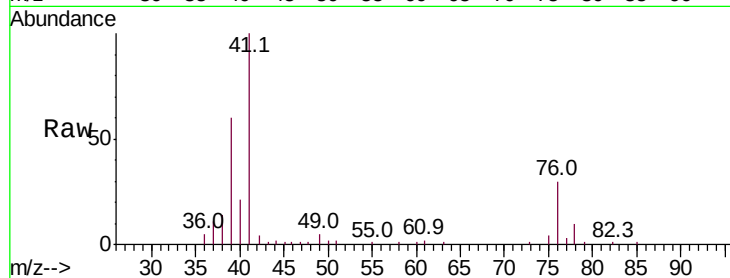




#17
Allvl chloride
Concen: 4.802 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

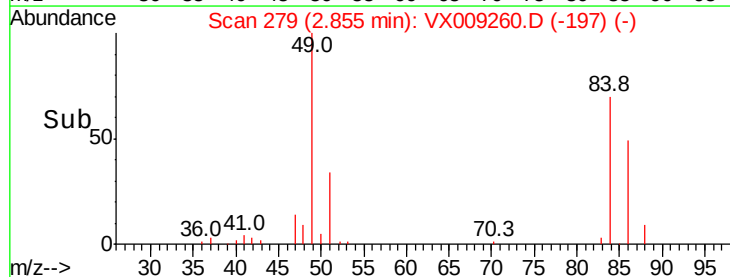
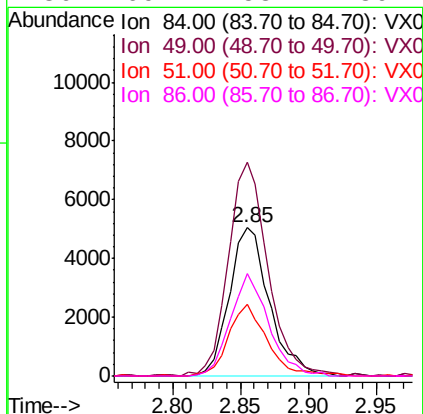
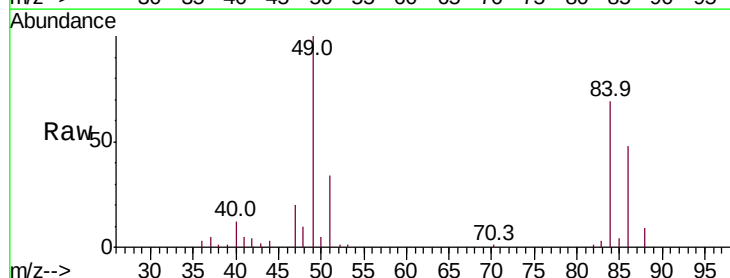
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

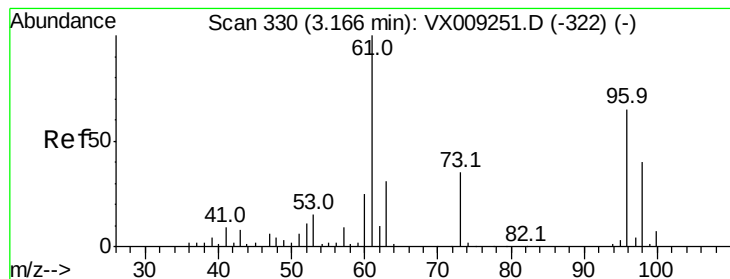
Tot Ion: 41 Resp: 19855
Ion Ratio Lower Upper
41 100
39 59.3 31.6 94.7
76 29.7 15.1 45.3



#18
Methylene Chloride
Concen: 4.984 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Tgt Ion: 84 Resp: 10373
Ion Ratio Lower Upper
84 100
49 142.0 114.6 171.8
51 48.8 35.5 53.3
86 69.1 53.4 80.2





#19

trans-1,2-Dichloroethene

Concen: 4.884 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

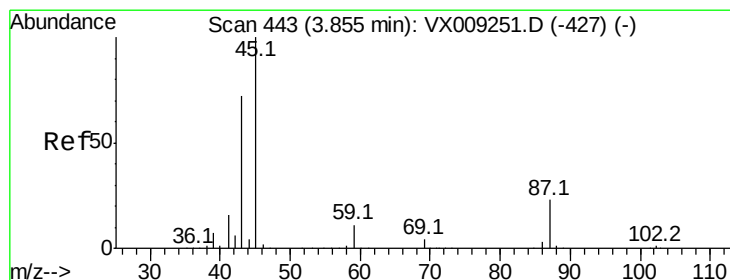
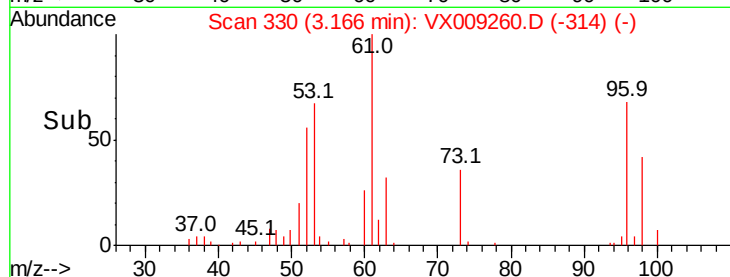
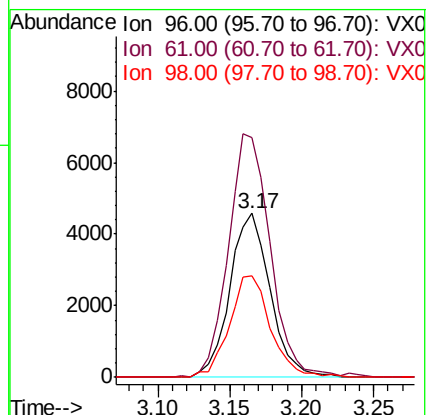
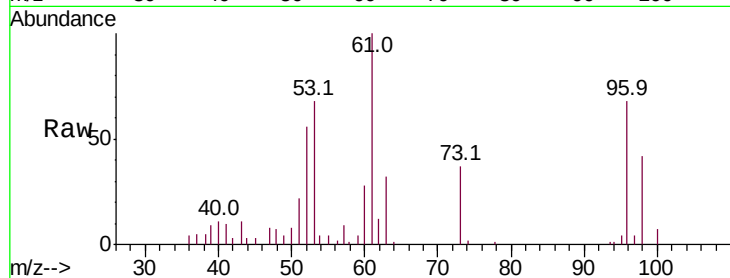
Tot Ion: 96 Resp: 8969

Ion Ratio Lower Upper

96 100

61 146.1 122.7 184.1

98 62.1 49.5 74.3



#20

Diisopropyl ether

Concen: 5.029 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Tgt Ion: 45 Resp: 40947

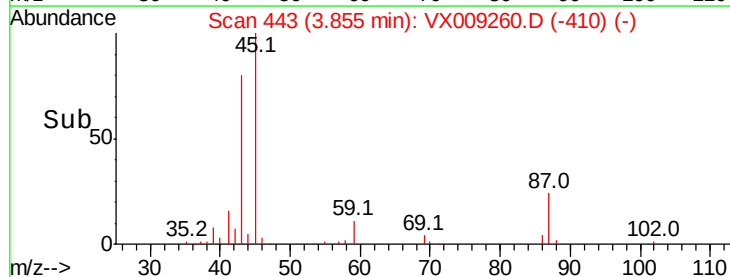
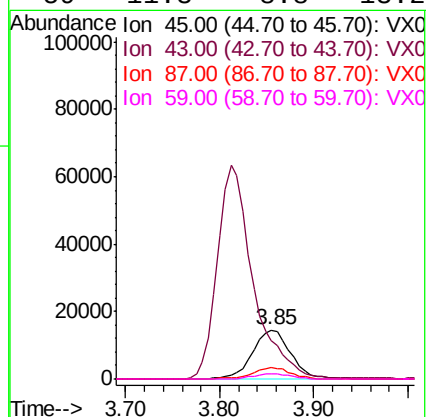
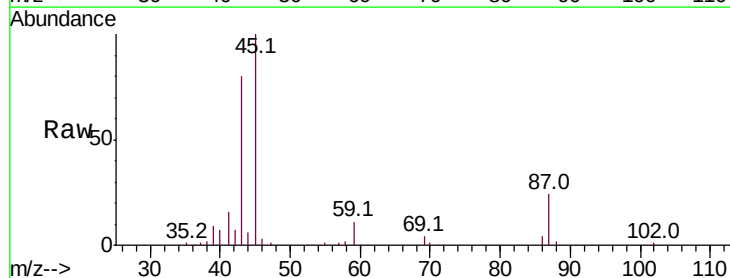
Ion Ratio Lower Upper

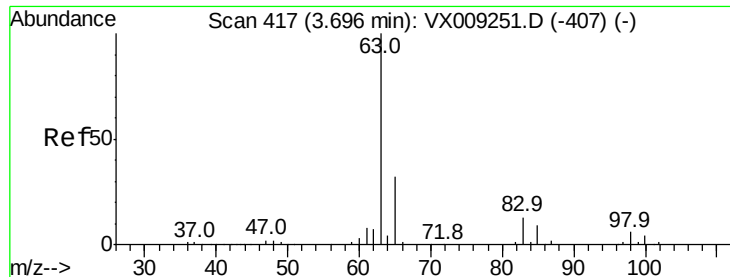
45 100

43 77.4 57.7 86.5

87 24.1 18.5 27.7

59 11.3 8.8 13.2

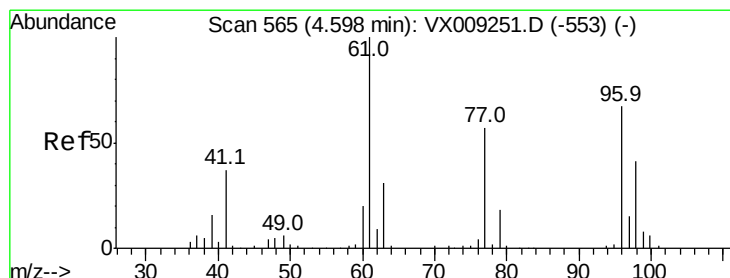
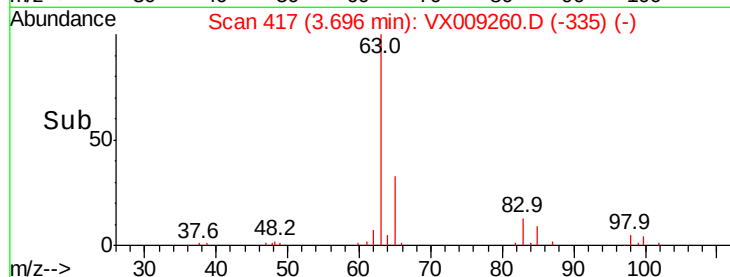
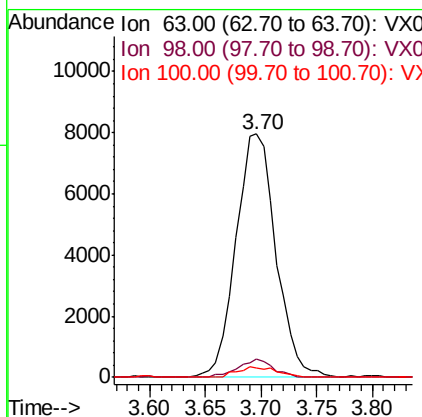
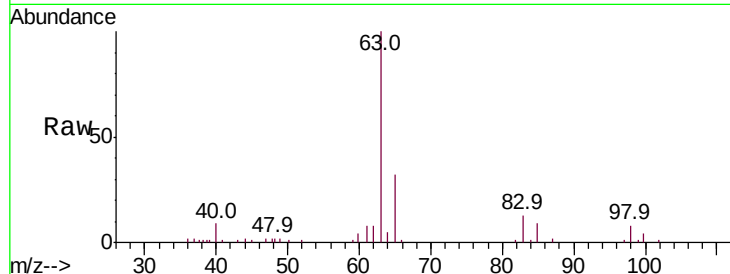




#21
 1,1-Dichloroethane
 Concen: 5.044 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

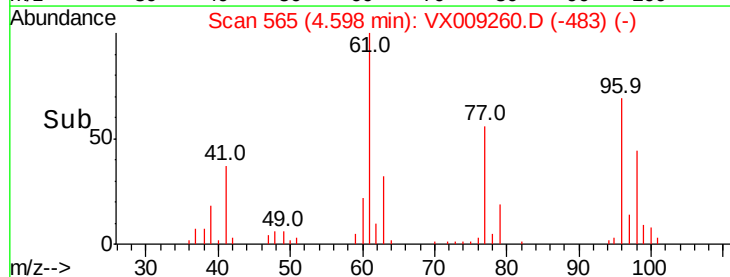
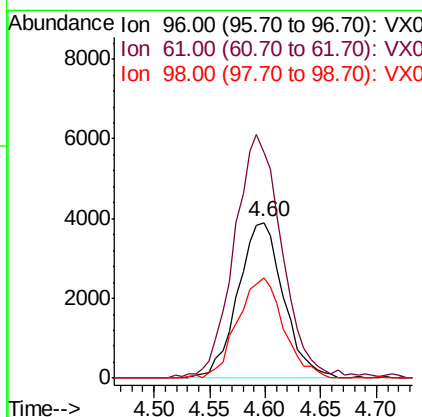
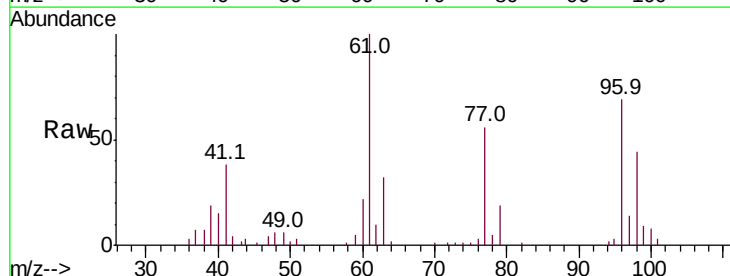
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

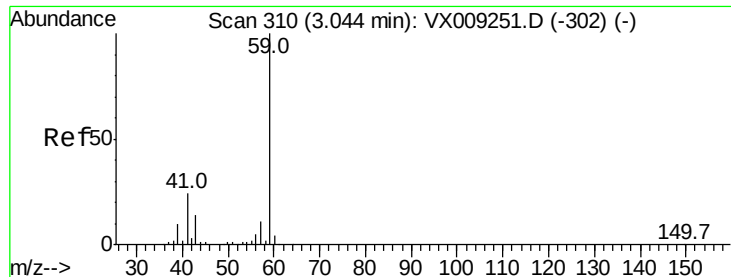
Tot Ion:	63	Resp:	19877
Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.1	9.3
100	3.6	2.2	6.6



#22
 cis-1,2-Dichloroethene
 Concen: 5.022 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion:	96	Resp:	11107
Ion	Ratio	Lower	Upper
96	100		
61	163.1	127.7	191.5
98	65.1	50.5	75.7





#23

tert-Butyl Alcohol

Concen: 27.214 ug/l

RT: 3.05 min Scan# 311

Delta R.T. 0.01 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

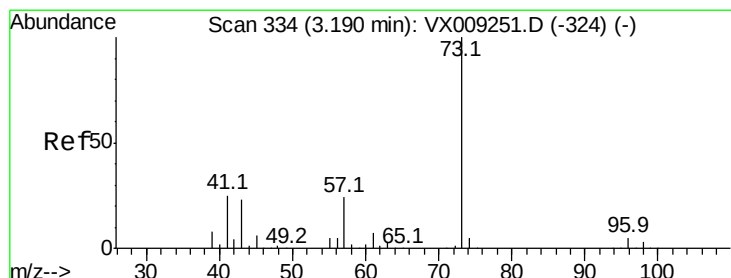
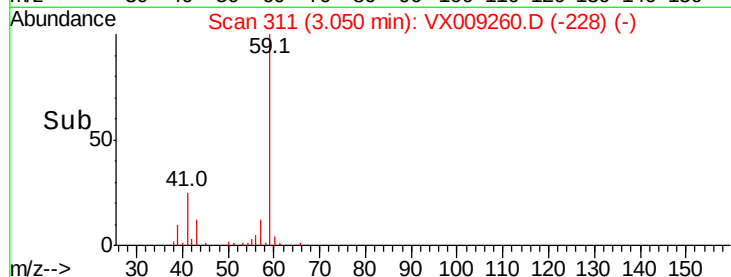
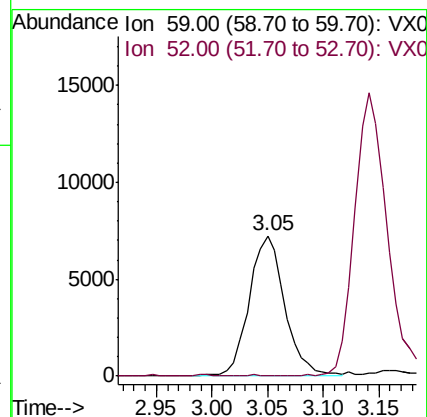
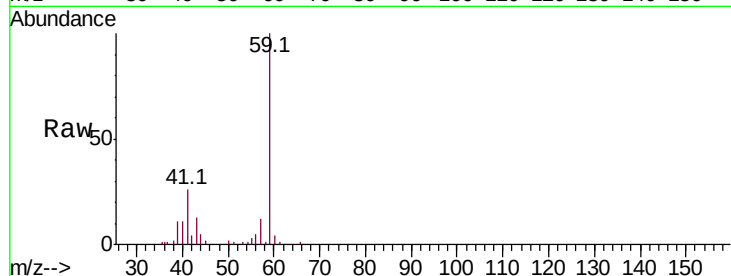
LOQ-WATER-02-QT2-2019

Tot Ion: 59 Resp: 16200

Ion Ratio Lower Upper

59 100

52 0.4 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 5.049 ug/l

RT: 3.20 min Scan# 335

Delta R.T. 0.01 min

Lab File: VX009260.D

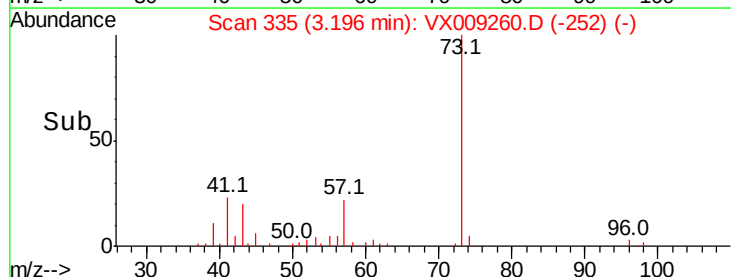
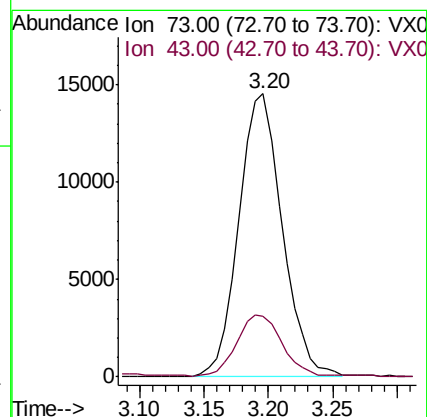
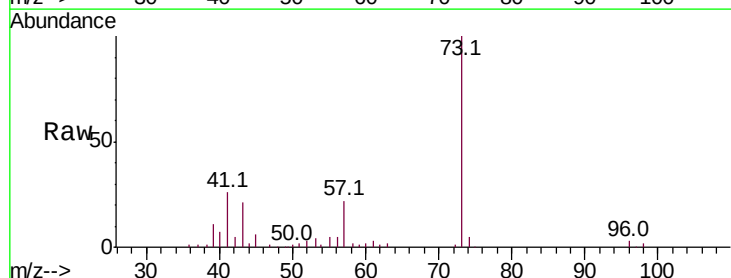
Acq: 01 May 2019 17:38

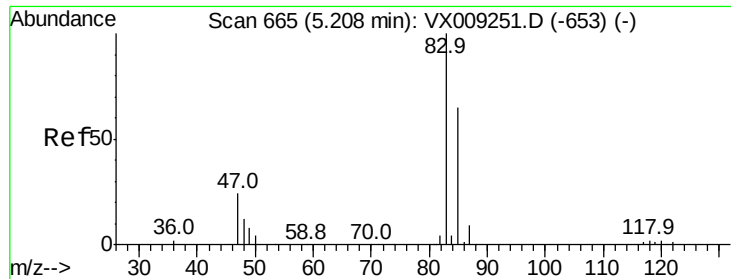
Tgt Ion: 73 Resp: 34033

Ion Ratio Lower Upper

73 100

43 22.8 17.6 26.4





#25

Chloroform

Concen: 5.168 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

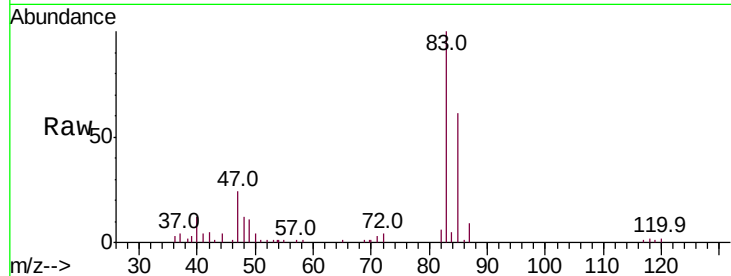
LOQ-WATER-02-QT2-2019

Tot Ion: 83 Resp: 18585

Ion Ratio Lower Upper

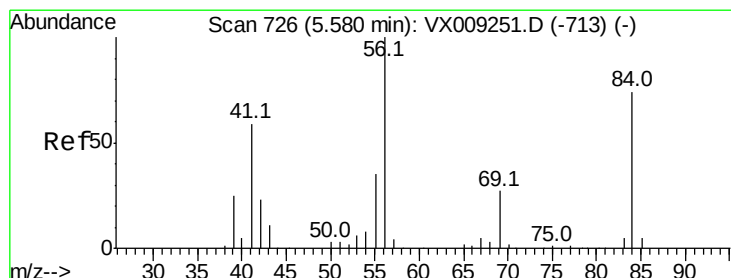
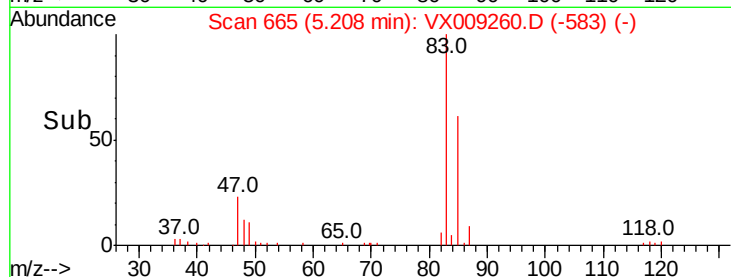
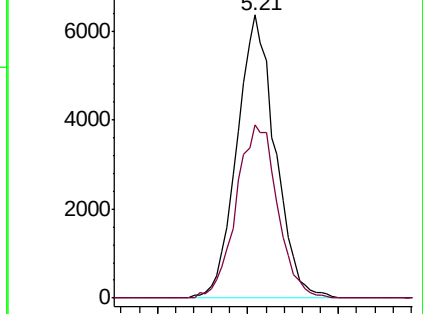
83 100

85 61.3 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 4.691 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

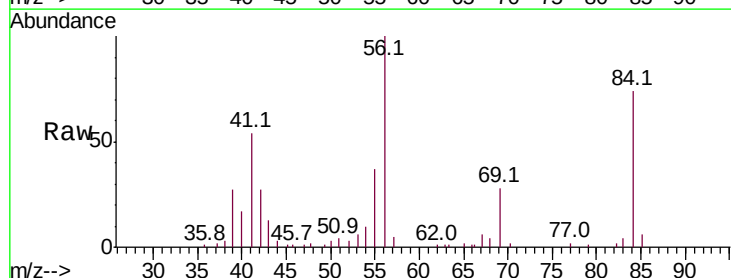
Tgt Ion: 56 Resp: 17229

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

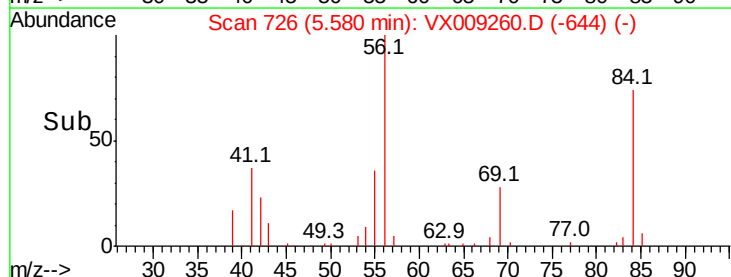
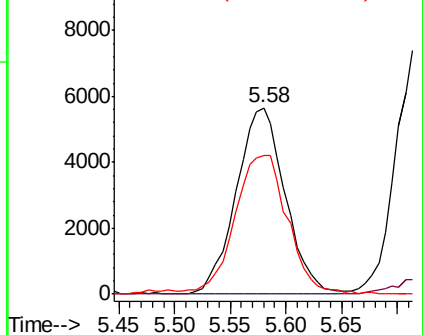
84 80.6 59.7 89.5

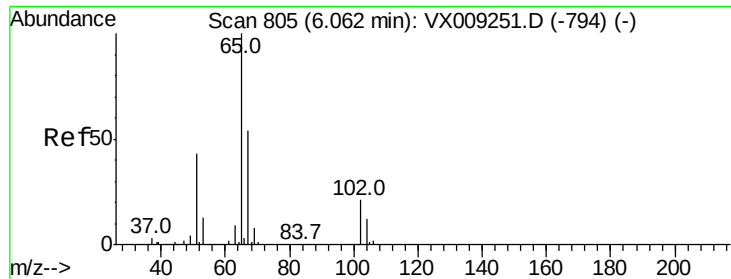


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.104 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

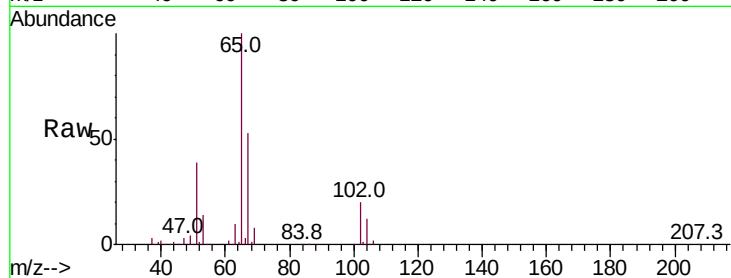
LOQ-WATER-02-QT2-2019

Tot Ion: 65 Resp: 76018

Ion Ratio Lower Upper

65 100

67 55.1 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

30000

25000

20000

15000

10000

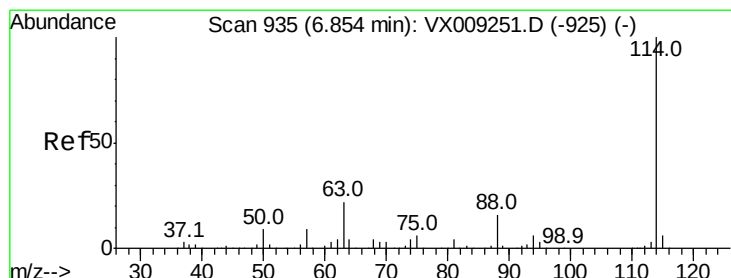
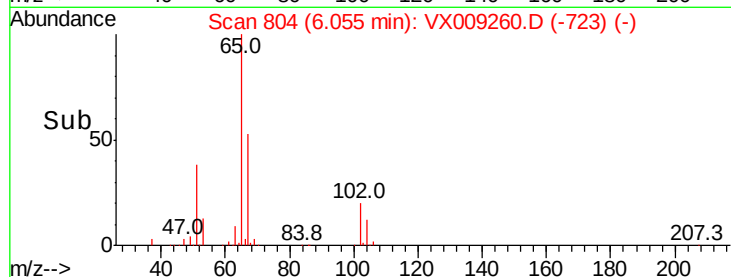
5000

0

6.06

6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.01 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

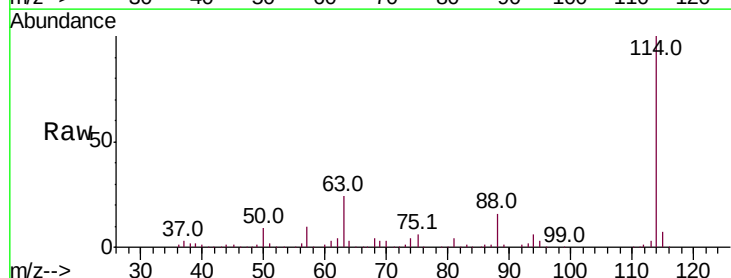
Tgt Ion: 114 Resp: 178076

Ion Ratio Lower Upper

114 100

63 23.7 18.0 27.0

88 16.6 13.4 20.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

100000

80000

60000

40000

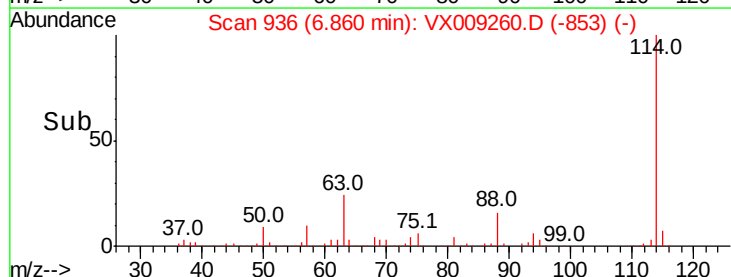
20000

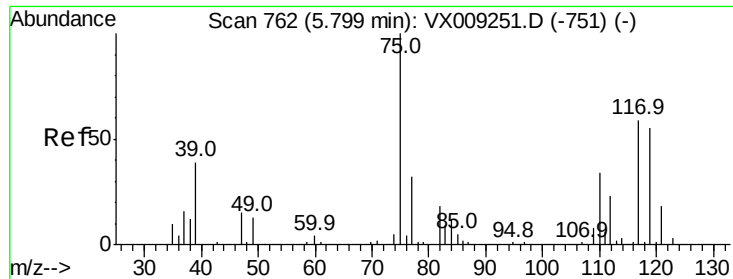
0

6.86

6.95

Time-->

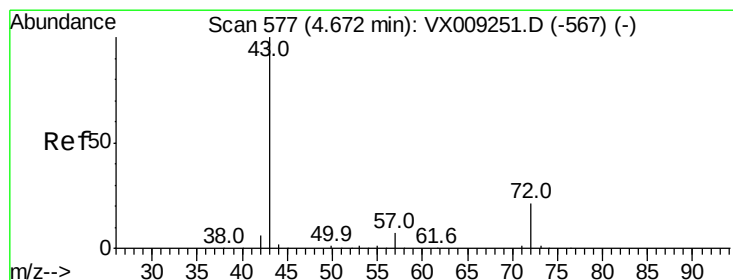
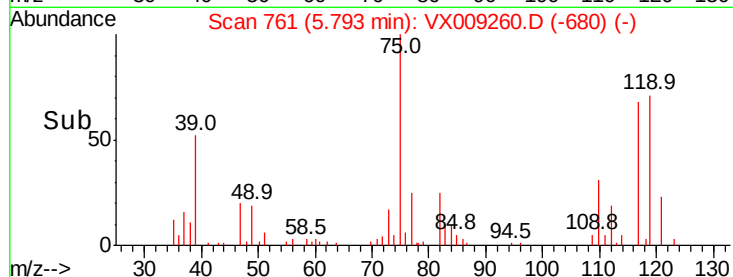
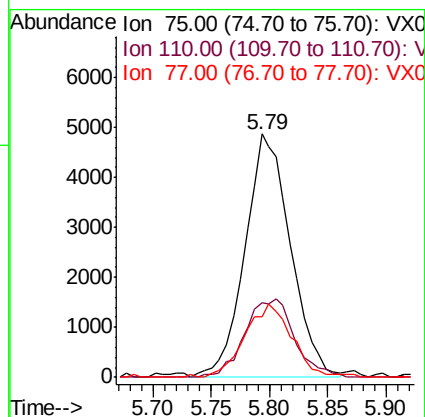
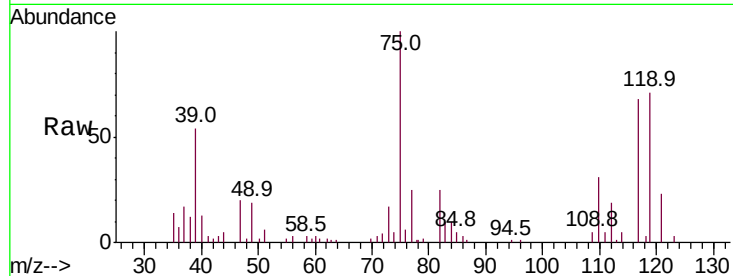




#29
 1,1-Dichloropropene
 Concen: 5.076 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

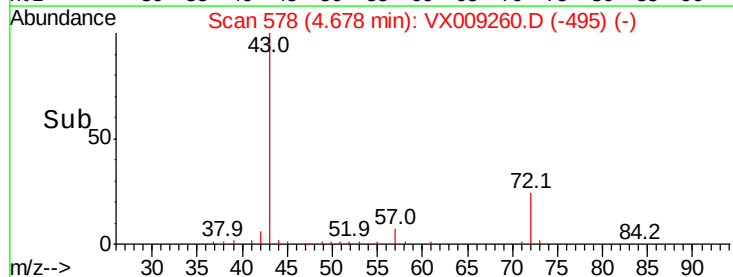
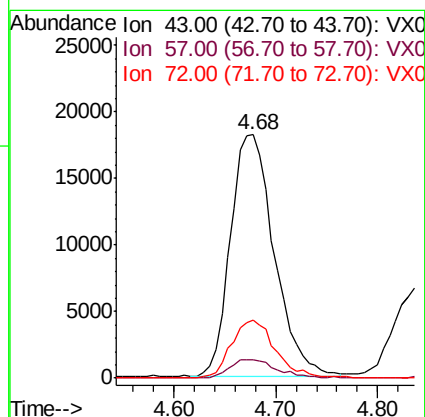
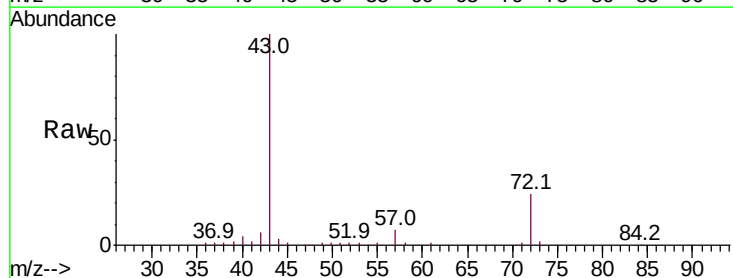
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

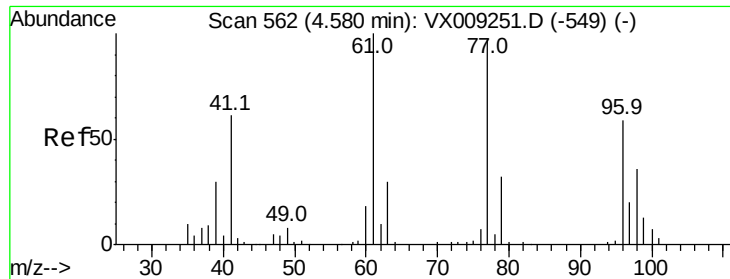
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.7	0.0	66.4
77	30.9	0.0	62.2



#30
 2-Butanone
 Concen: 26.424 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.0	9.0
72	24.1	18.2	27.4

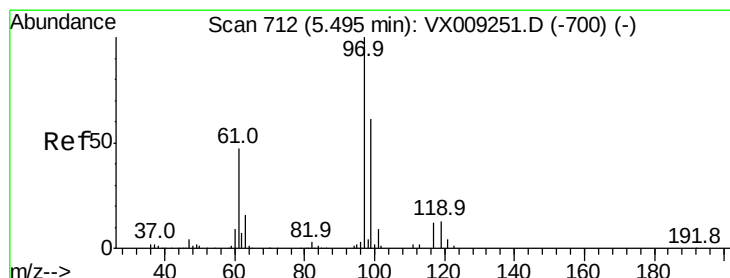
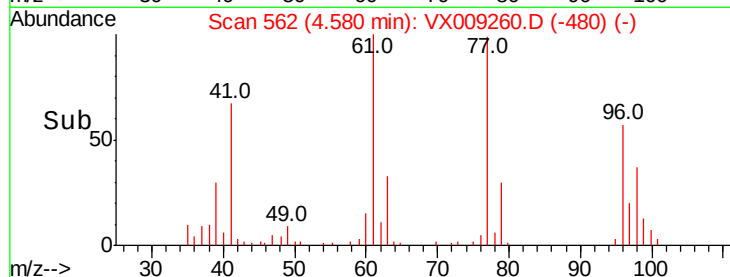
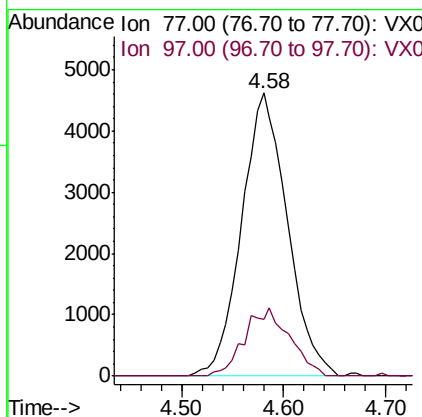
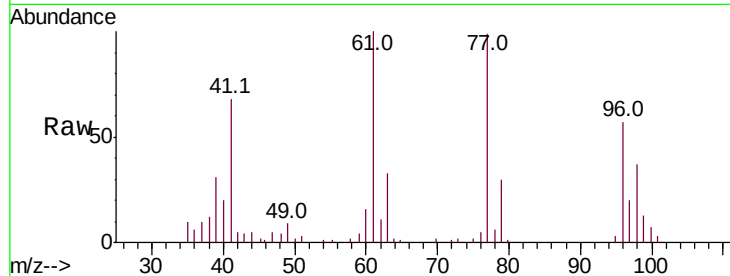




#31
 2,2-Dichloropropane
 Concen: 4.993 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

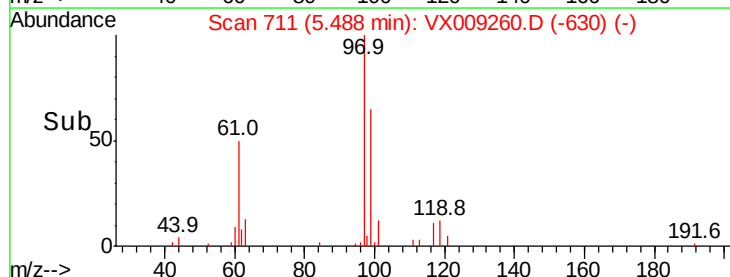
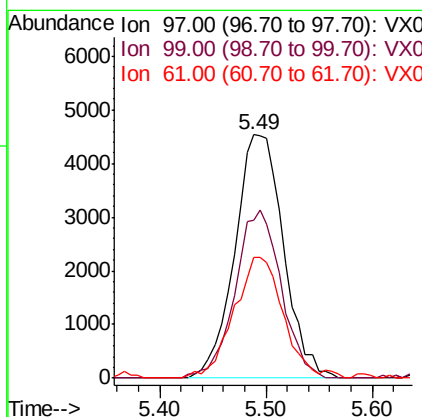
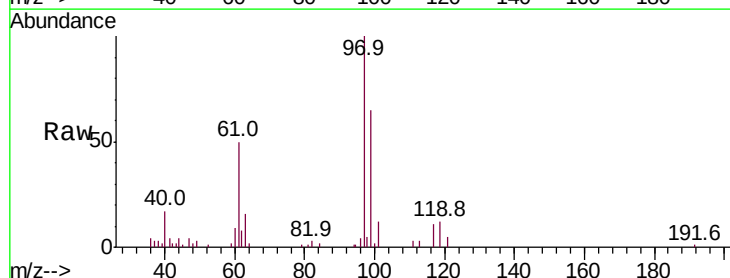
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

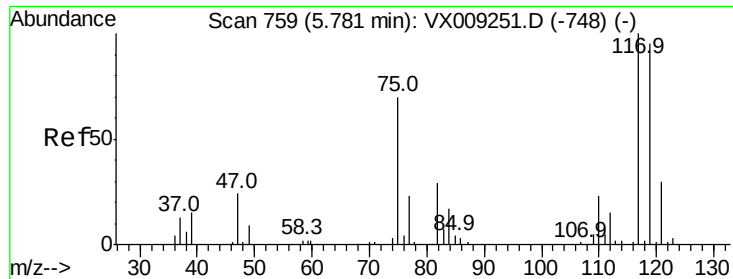
Tot Ion: 77 Resp: 14384
 Ion Ratio Lower Upper
 77 100
 97 12.5 18.3 27.5#



#32
 1,1,1-Trichloroethane
 Concen: 5.126 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion: 97 Resp: 14520
 Ion Ratio Lower Upper
 97 100
 99 65.3 53.9 80.9
 61 49.8 38.6 58.0

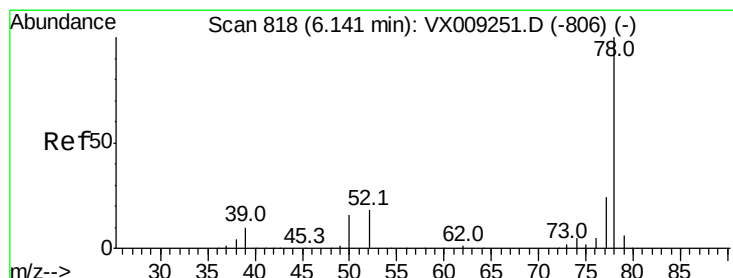
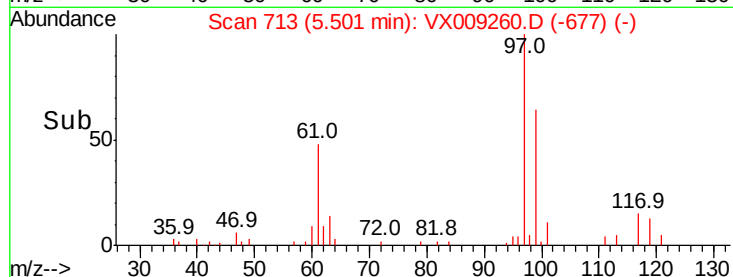
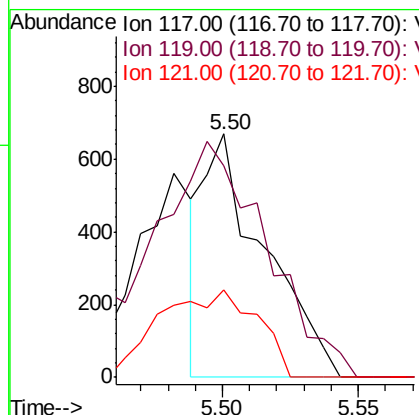
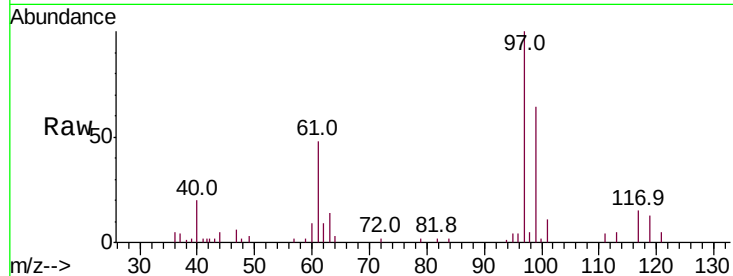




#33
 Carbon Tetrachloride
 Concen: 0.436 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.28 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

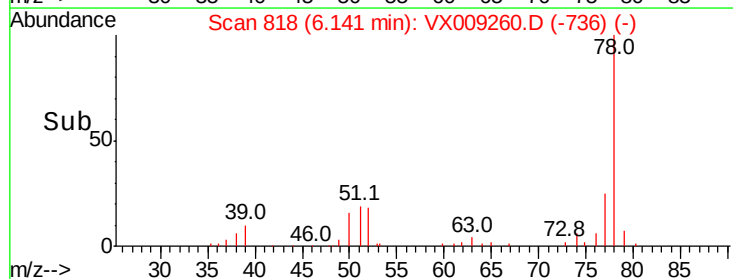
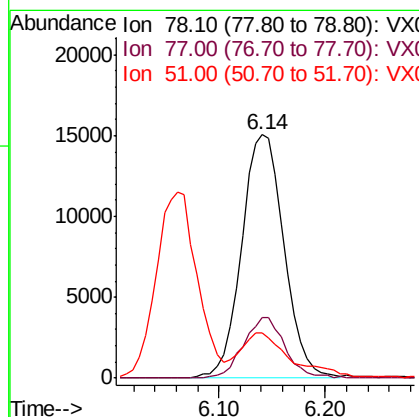
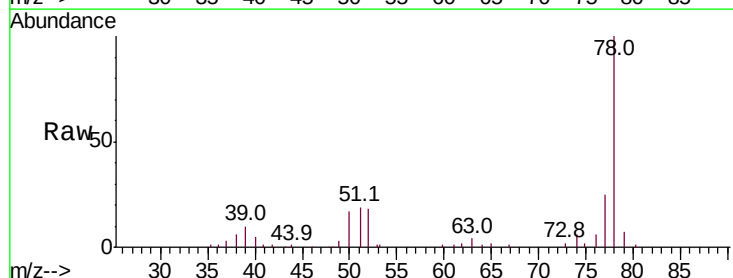
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

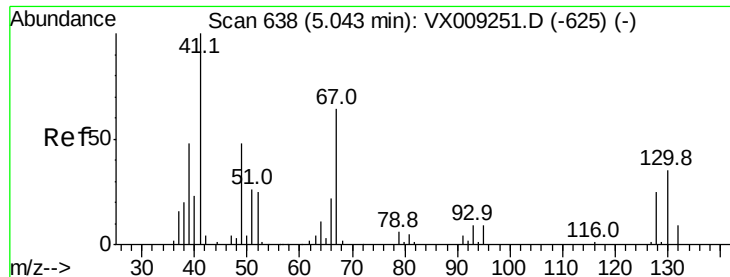
Tot Ion:117 Resp: 1033
 Ion Ratio Lower Upper
 117 100
 119 76.5 76.1 114.1
 121 35.9 24.4 36.6



#34
 Benzene
 Concen: 5.212 ug/l
 RT: 6.14 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion: 78 Resp: 41985
 Ion Ratio Lower Upper
 78 100
 77 24.7 18.8 28.2
 51 17.1 13.5 20.3

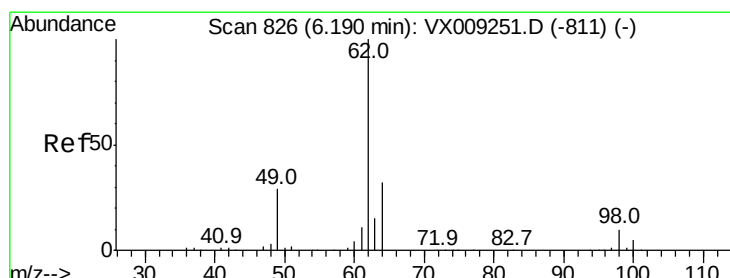
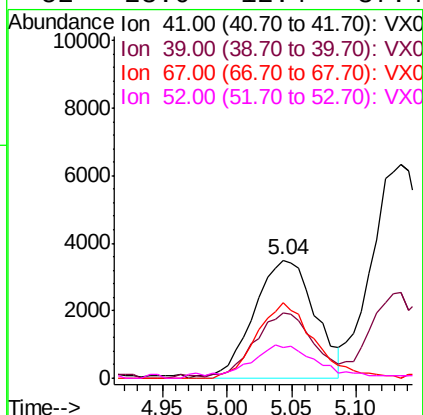
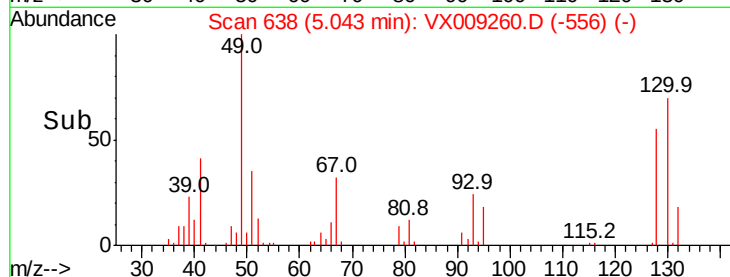
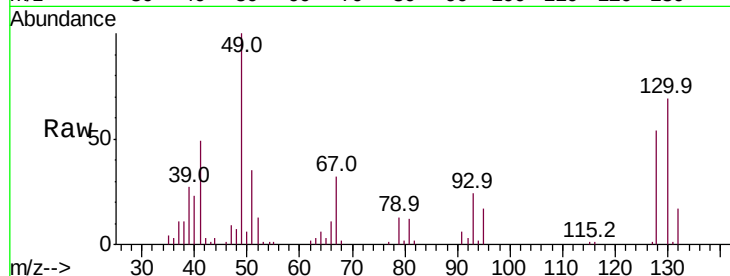




#35
Methacrylonitrile
Concen: 5.379 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

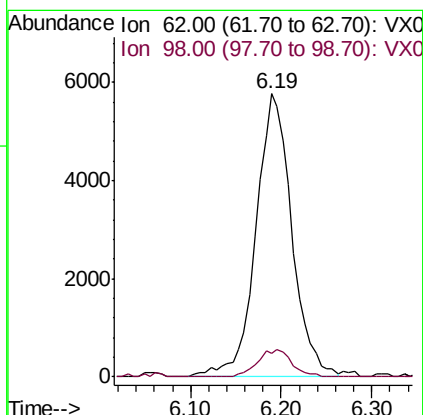
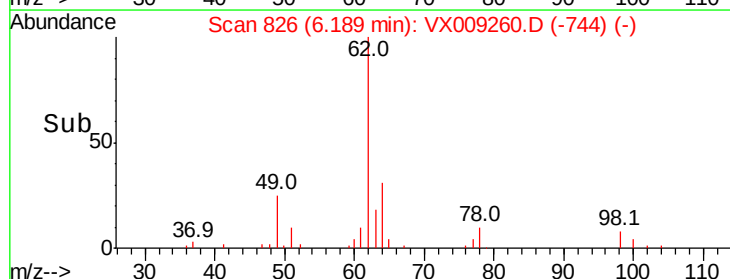
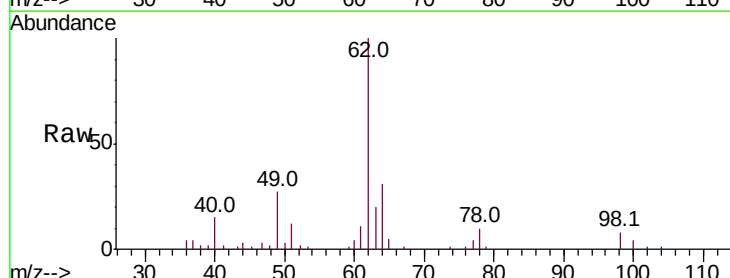
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

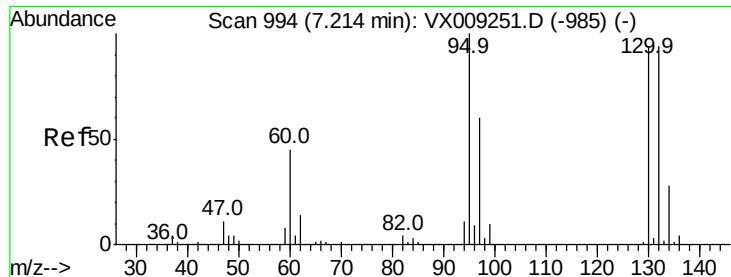
Tot Ion:	41	Resp:	11517
Ion	Ratio	Lower	Upper
41	100		
39	52.9	24.1	72.3
67	63.9	32.2	96.6
52	23.0	12.4	37.4



#36
1,2-Dichloroethane
Concen: 5.410 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Tgt Ion:	62	Resp:	15815
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.4	11.2

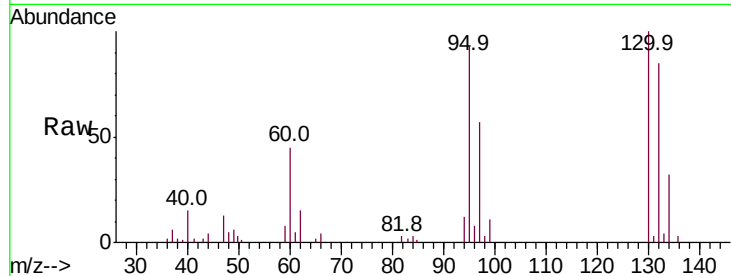




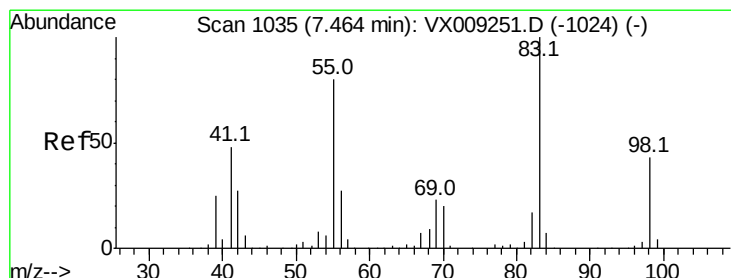
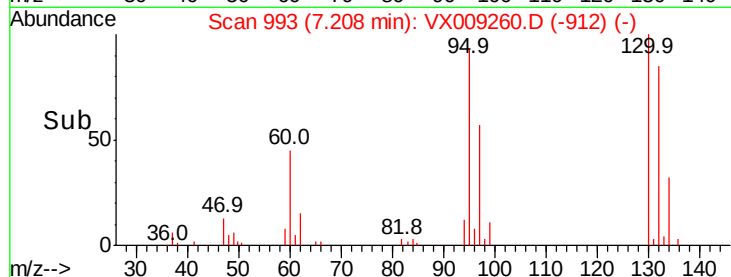
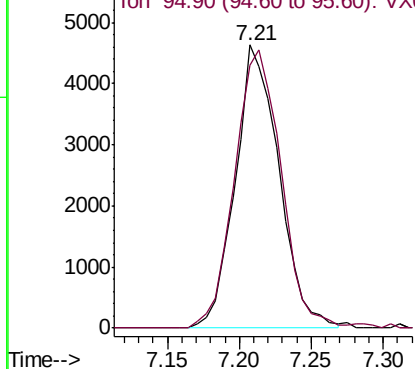
#37
 Trichloroethene
 Concen: 5.033 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:130 Resp: 9760
 Ion Ratio Lower Upper
 130 100
 95 92.8 85.0 127.4

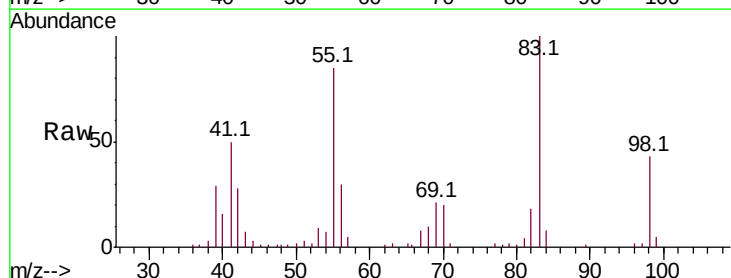


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

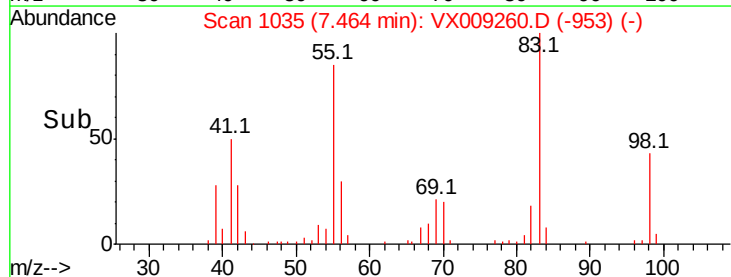
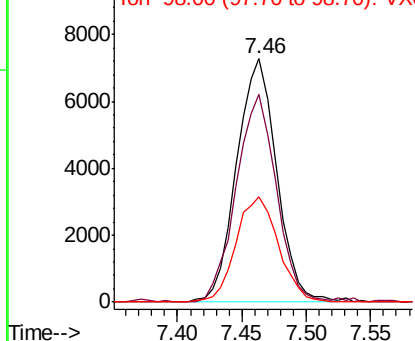


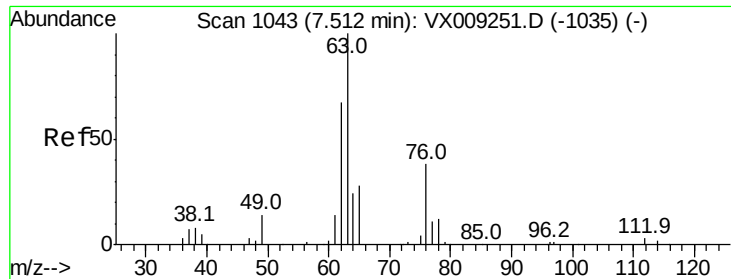
#38
 Methylcyclohexane
 Concen: 4.852 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion: 83 Resp: 15663
 Ion Ratio Lower Upper
 83 100
 55 85.7 43.0 129.2
 98 45.8 22.1 66.1



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

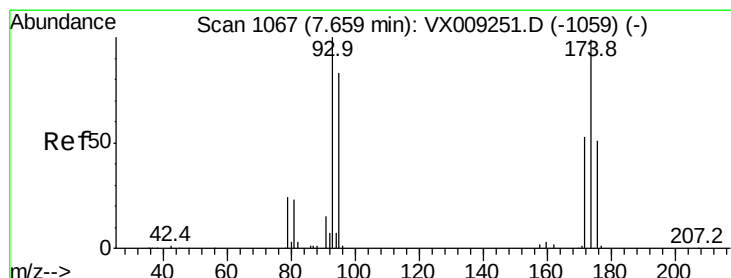
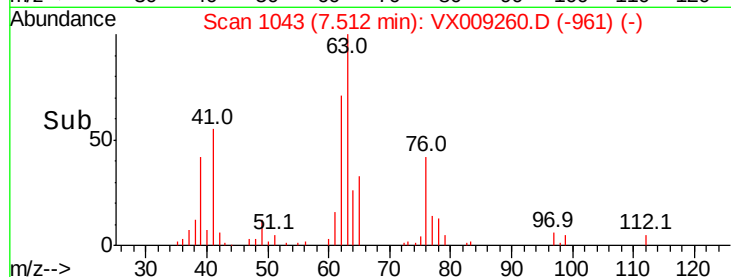
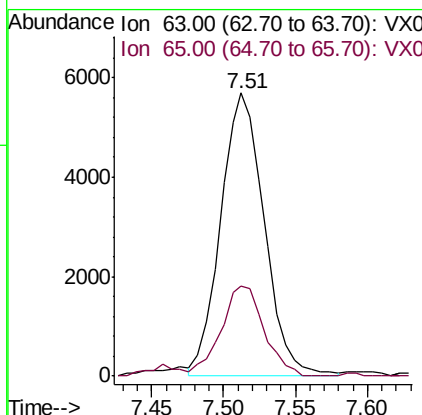
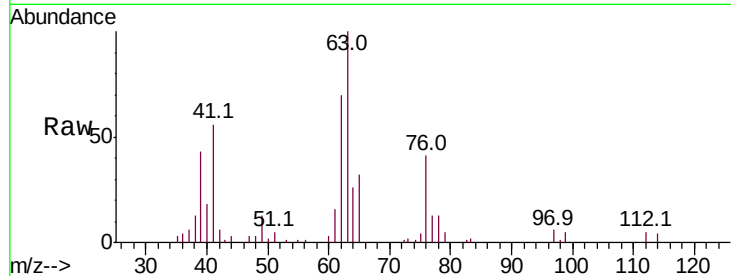




#39
 1,2-Dichloropropane
 Concen: 5.243 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

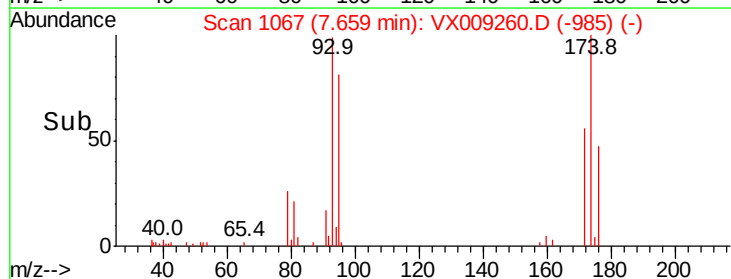
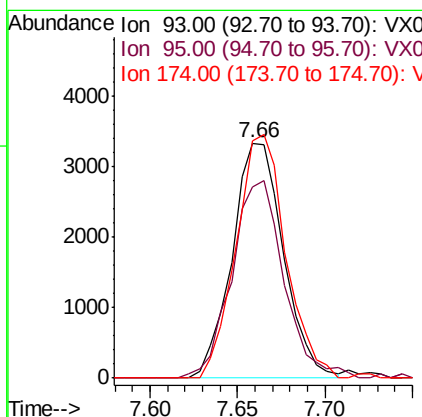
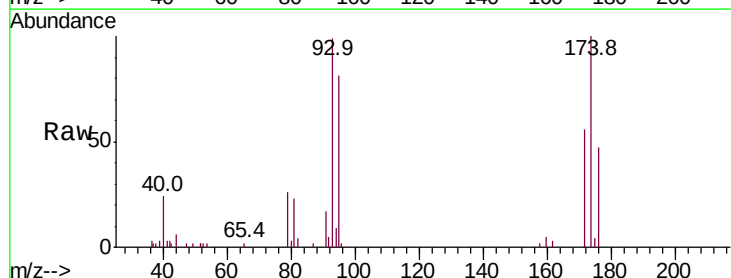
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

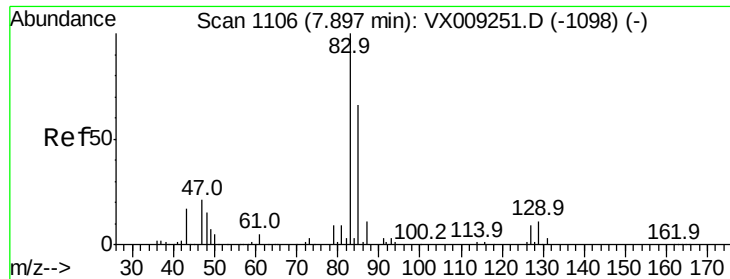
Tot Ion: 63 Resp: 12027
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.0 36.0



#40
 Dibromomethane
 Concen: 5.240 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion: 93 Resp: 6822
 Ion Ratio Lower Upper
 93 100
 95 85.4 0.0 167.2
 174 100.3 0.0 203.4





#41

Bromodichloromethane

Concen: 5.015 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

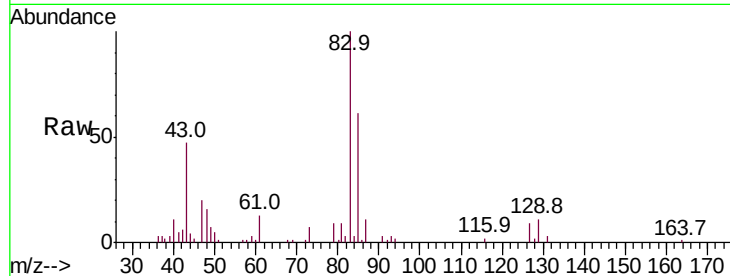
Tot Ion: 83 Resp: 13337

Ion Ratio Lower Upper

83 100

85 61.5 52.6 79.0

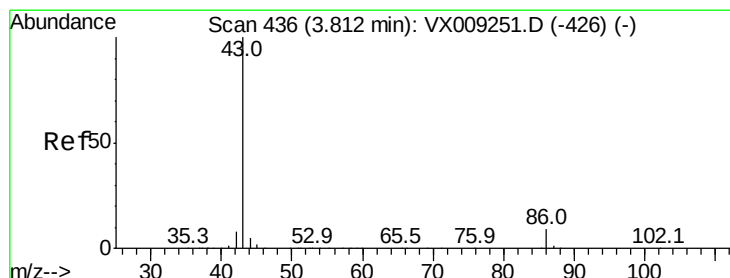
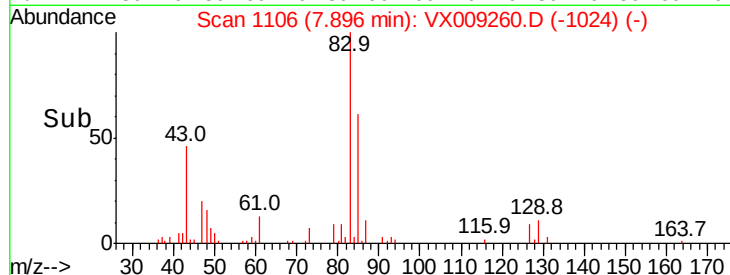
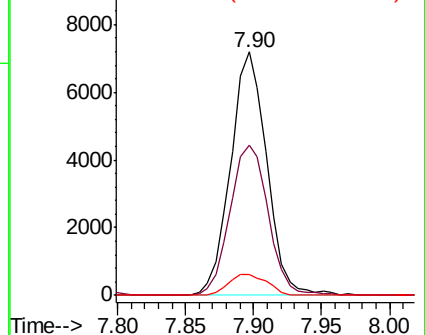
127 8.7 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 24.680 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009260.D

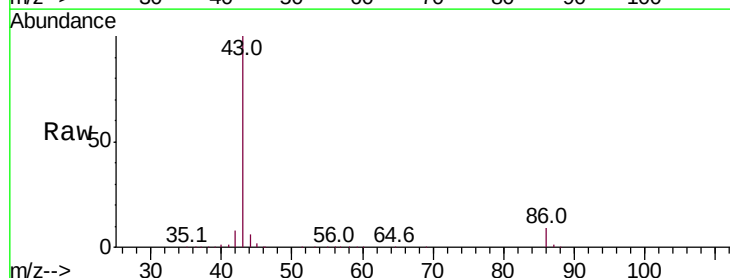
Acq: 01 May 2019 17:38

Tgt Ion: 43 Resp: 166682

Ion Ratio Lower Upper

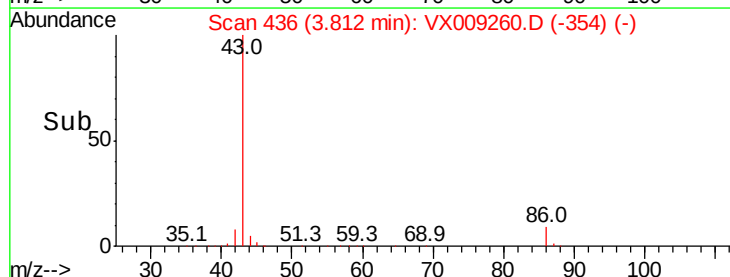
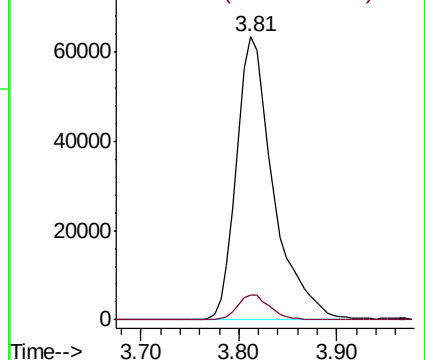
43 100

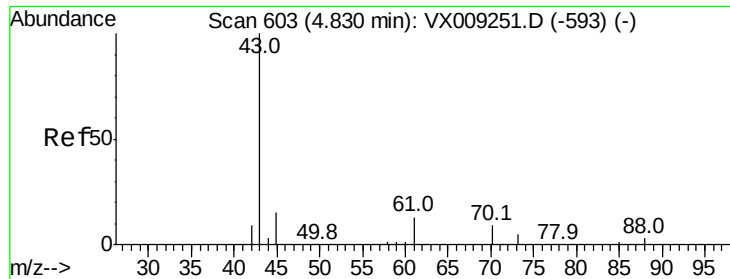
86 7.8 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 5.556 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

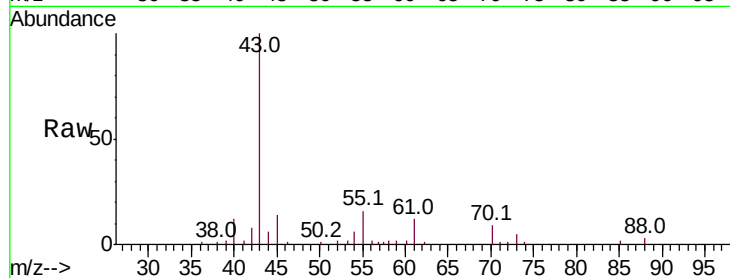
LOQ-WATER-02-QT2-2019

Tot Ion: 43 Resp: 20543

Ion Ratio Lower Upper

43 100

45 16.1 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

8000

6000

4000

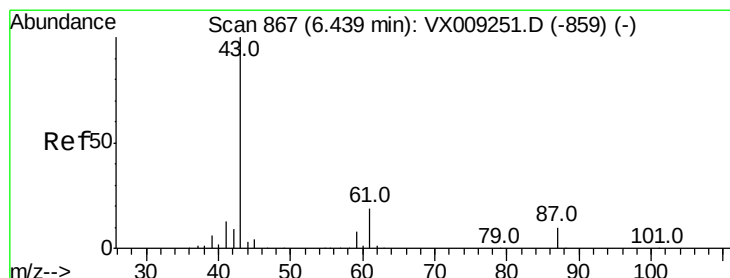
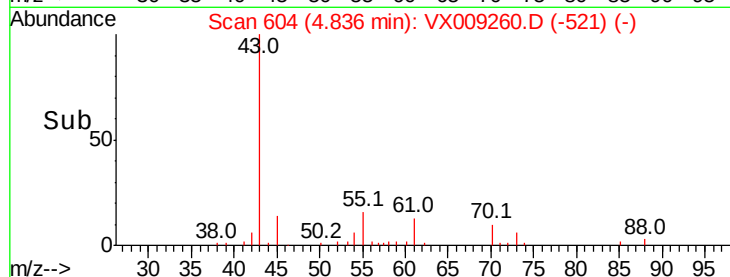
2000

0

4.80

4.90

Time-->



#44

Isopropyl Acetate

Concen: 4.992 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX009260.D

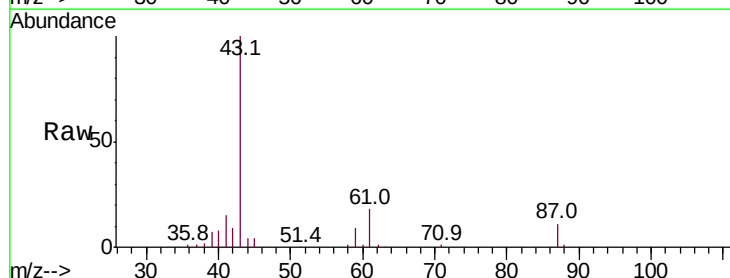
Acq: 01 May 2019 17:38

Tgt Ion: 43 Resp: 29906

Ion Ratio Lower Upper

43 100

61 20.0 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10000

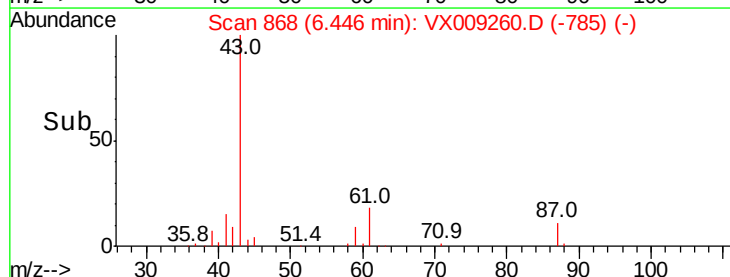
5000

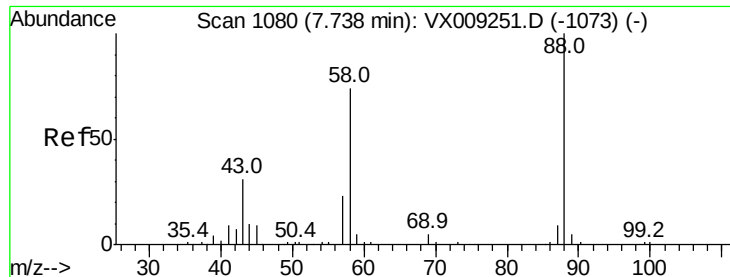
0

6.40

6.50

Time-->

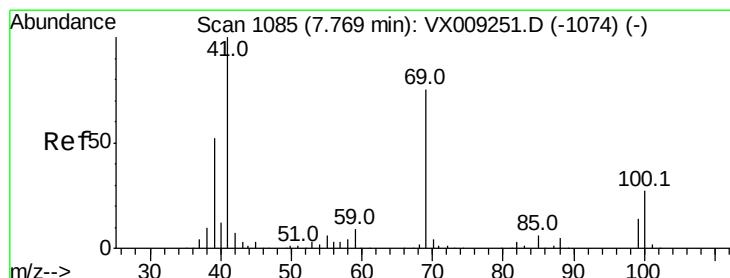
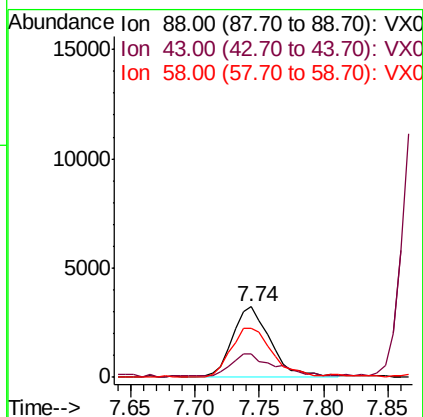
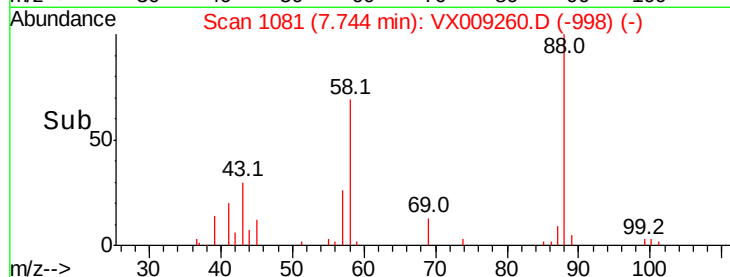
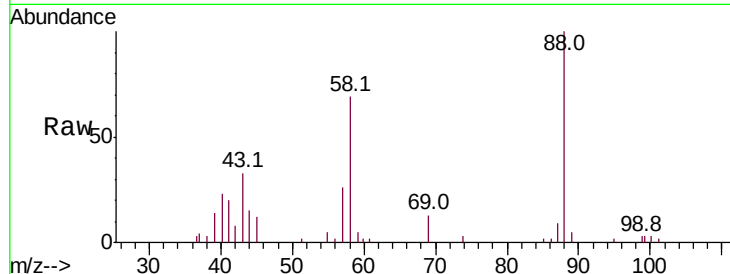




#45
 1,4-Dioxane
 Concen: 113.804 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

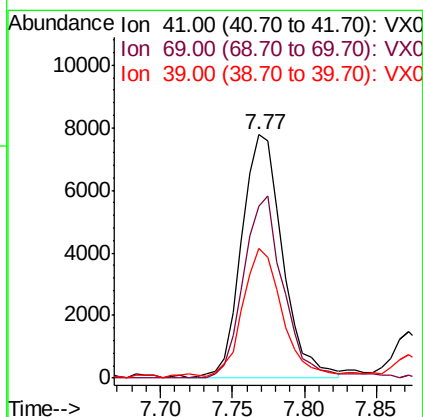
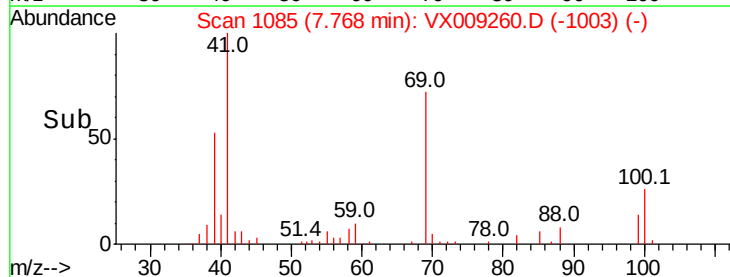
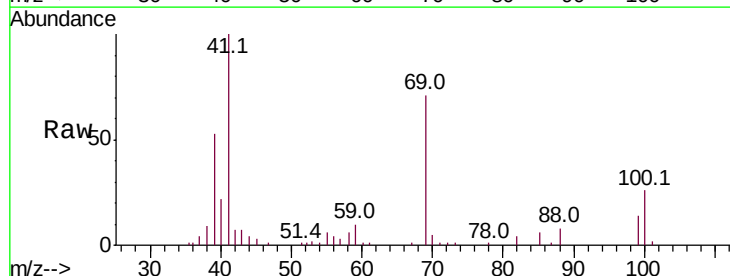
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

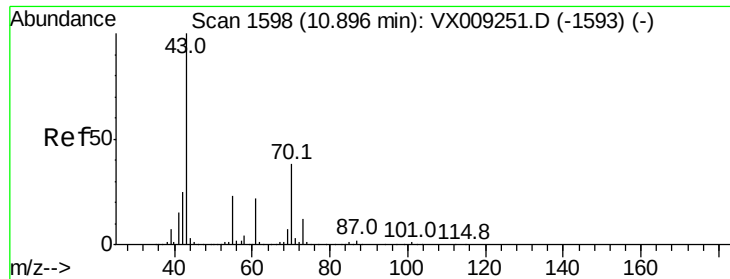
Tot Ion:	88	Resp:	6693
Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.5	42.7
58	75.3	62.5	93.7



#46
 Methyl methacrylate
 Concen: 5.145 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion:	41	Resp:	15382
Ion	Ratio	Lower	Upper
41	100		
69	70.6	37.6	112.8
39	51.5	25.8	77.3





#47

n-amvl Acetate

Concen: 4.910 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

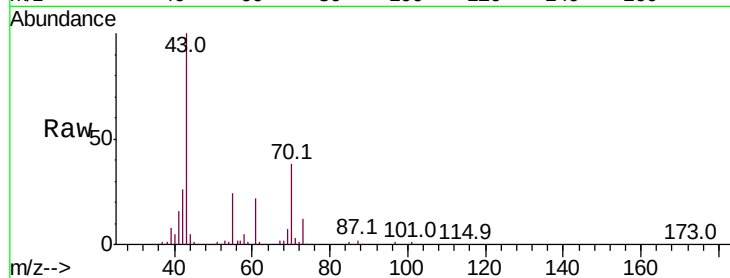
LOQ-WATER-02-QT2-2019

Tot Ion: 43 Resp: 26498

Ion Ratio Lower Upper

43 100

55 23.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

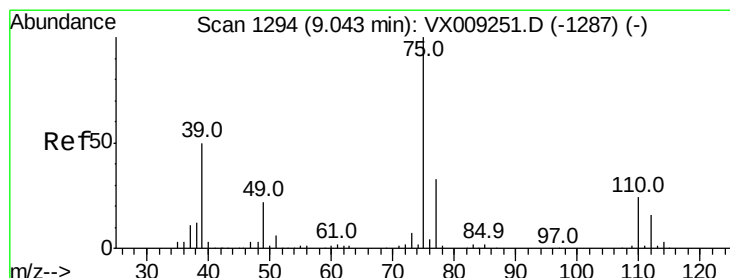
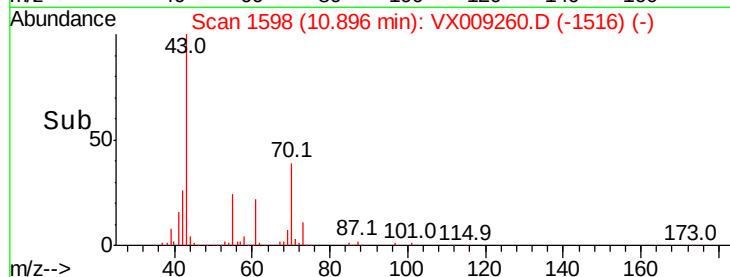
5000

0

Time-->

10.85 10.90 10.95

10.90



#48

t-1,3-Dichloropropene

Concen: 4.624 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009260.D

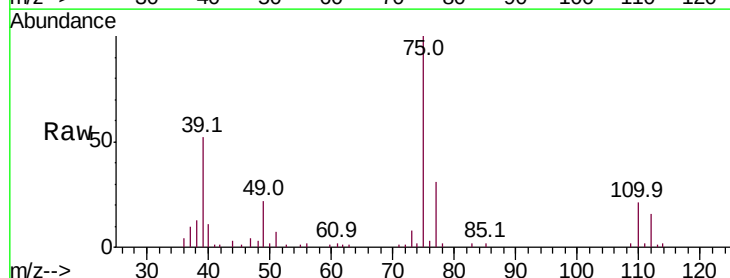
Acq: 01 May 2019 17:38

Tgt Ion: 75 Resp: 14350

Ion Ratio Lower Upper

75 100

77 31.0 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

10000

8000

6000

4000

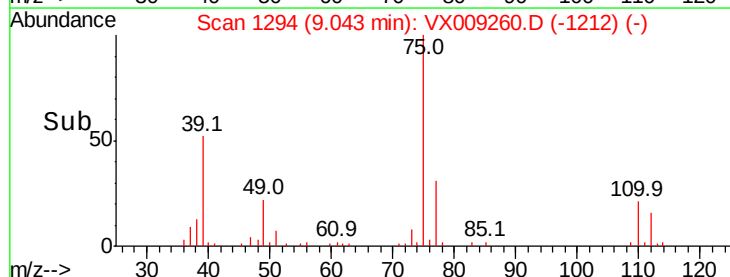
2000

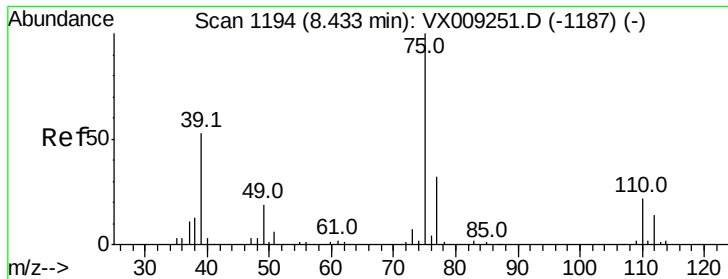
0

Time-->

9.00 9.05 9.10

9.04

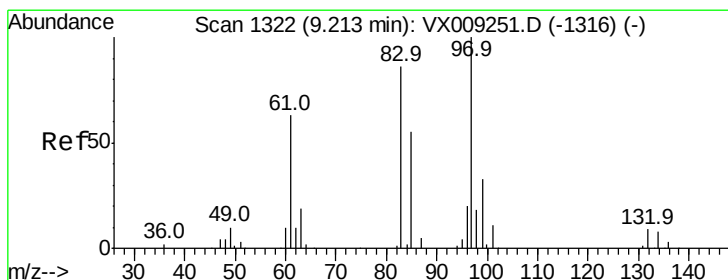
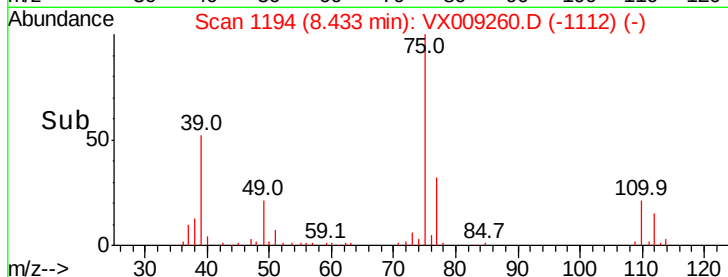
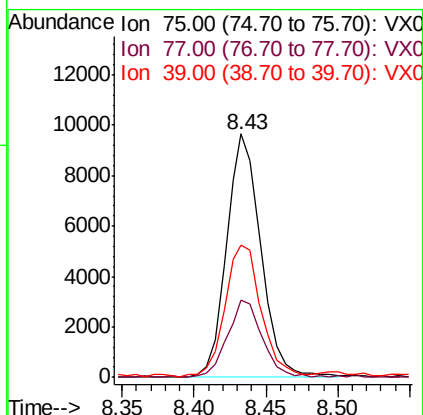
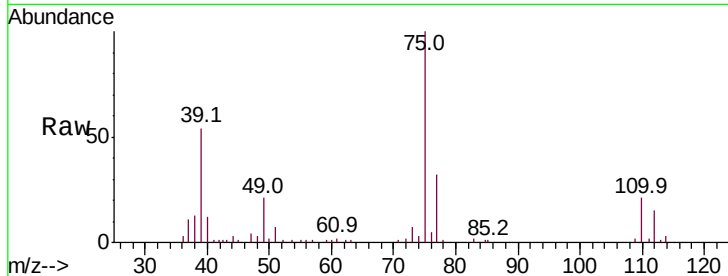




#49
 cis-1,3-Dichloropropene
 Concen: 4.720 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

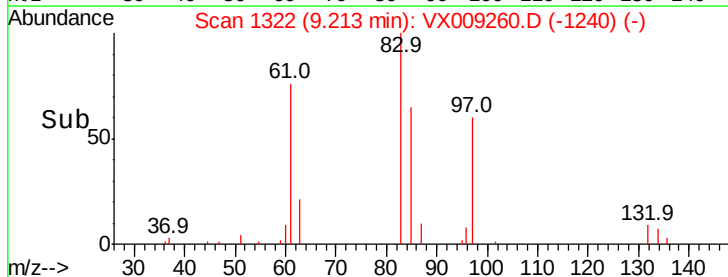
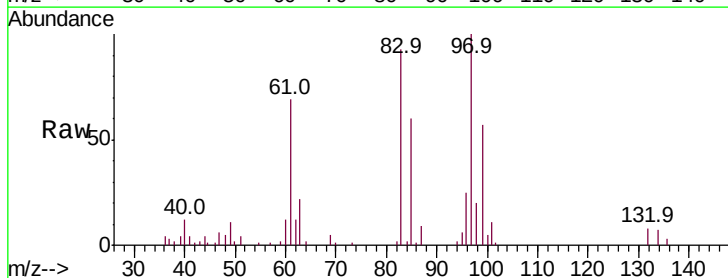
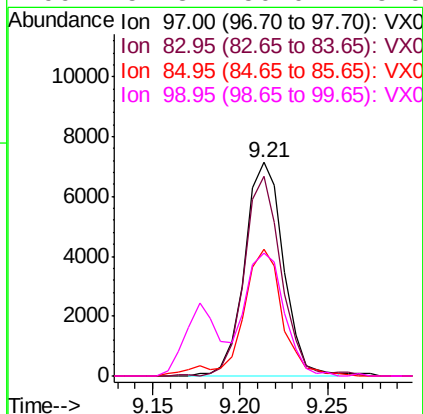
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

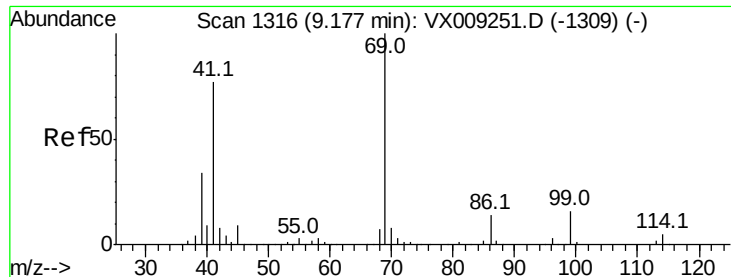
Tot Ion: 75 Resp: 16078
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.0 39.0
 39 53.2 42.6 63.8



#50
 1,1,2-Trichloroethane
 Concen: 5.500 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion: 97 Resp: 10972
 Ion Ratio Lower Upper
 97 100
 83 92.5 68.8 103.2
 85 58.4 45.8 68.6
 99 57.3 50.0 75.0





#51

Ethyl methacrylate

Concen: 4.964 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

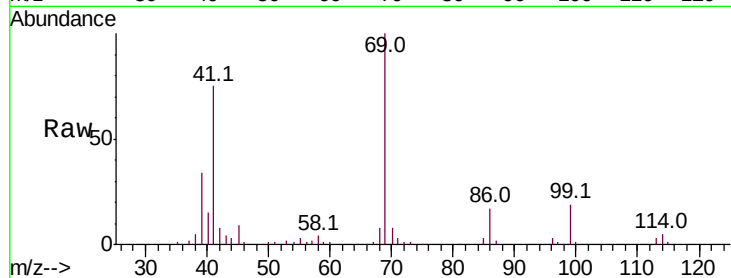
Tot Ion: 69 Resp: 18298

Ion Ratio Lower Upper

69 100

41 74.7 38.4 115.2

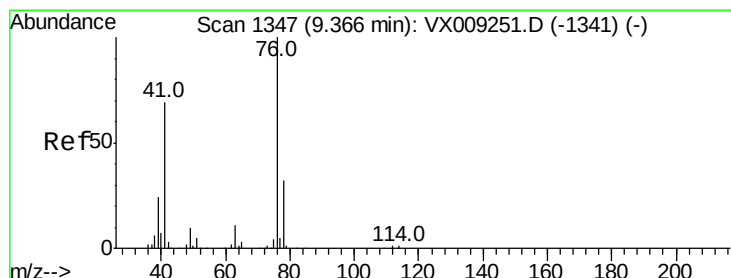
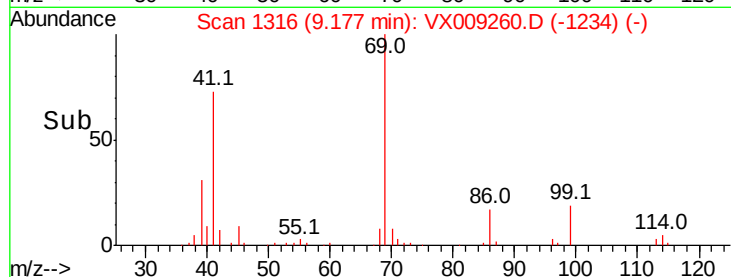
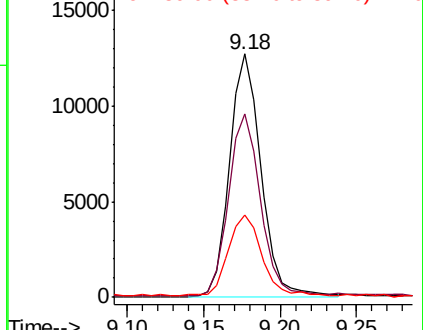
39 32.9 17.2 51.5



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 5.369 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX009260.D

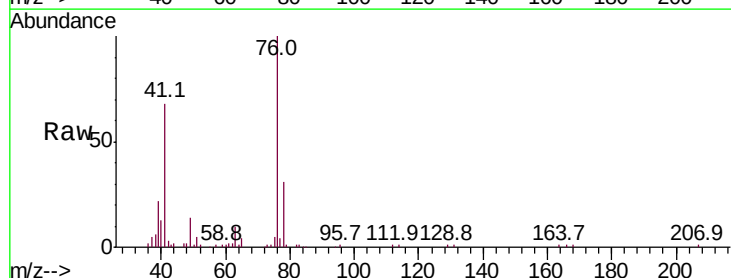
Acq: 01 May 2019 17:38

Tgt Ion: 76 Resp: 19008

Ion Ratio Lower Upper

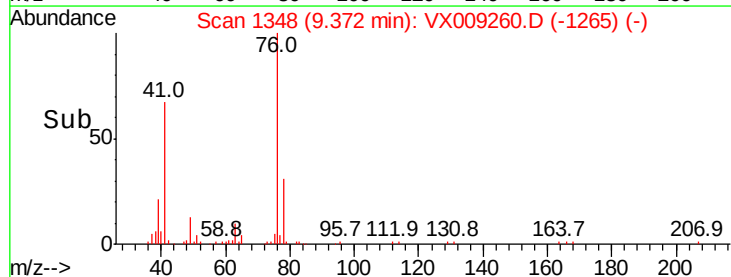
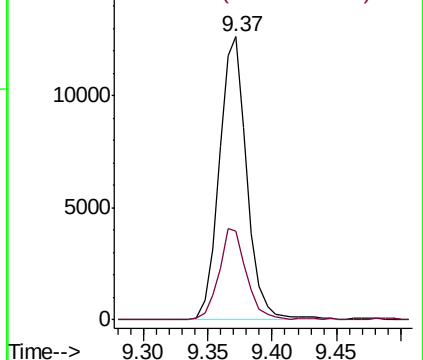
76 100

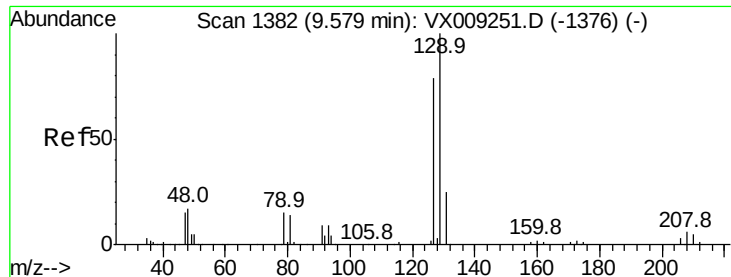
78 32.3 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

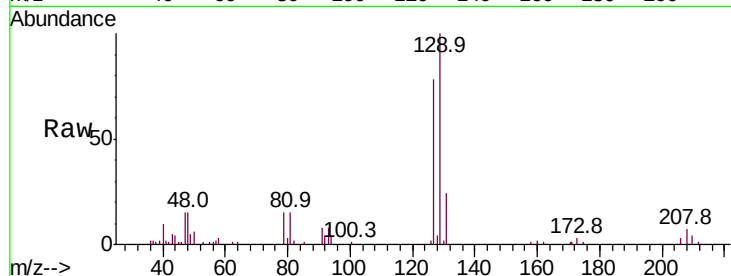




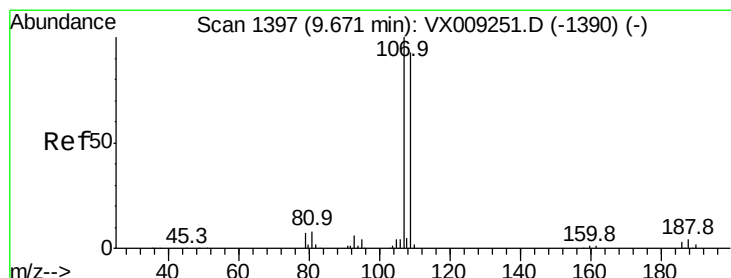
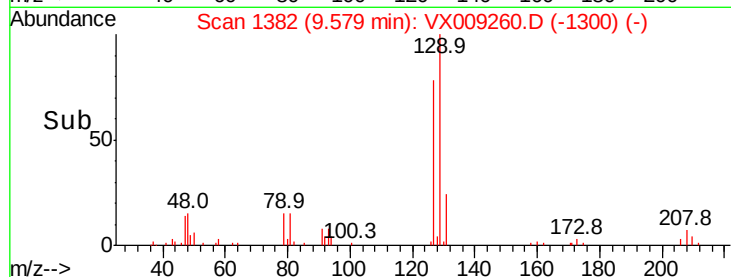
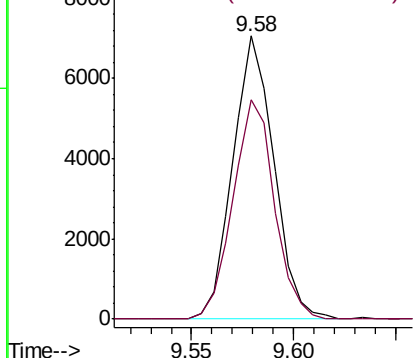
#53
 Dibromochloromethane
 Concen: 4.952 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:129 Resp: 9838
 Ion Ratio Lower Upper
 129 100
 127 78.3 39.1 117.5

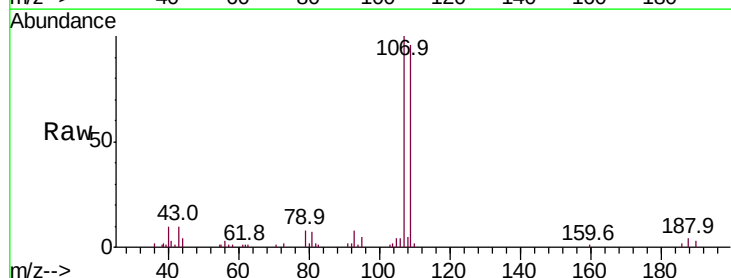


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

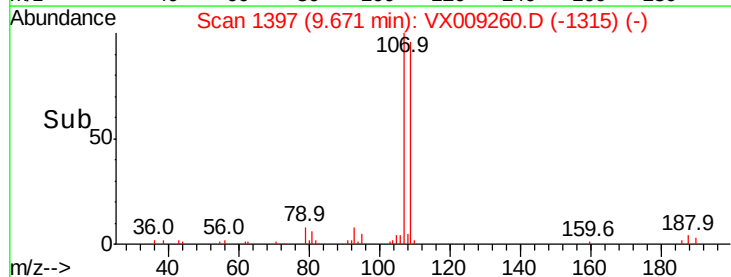
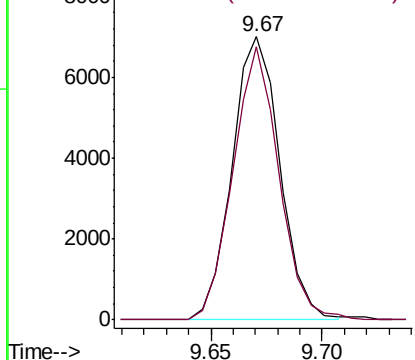


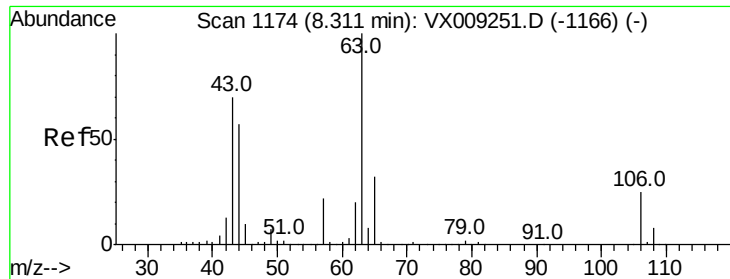
#54
 1,2-Dibromoethane
 Concen: 5.119 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion:107 Resp: 10472
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

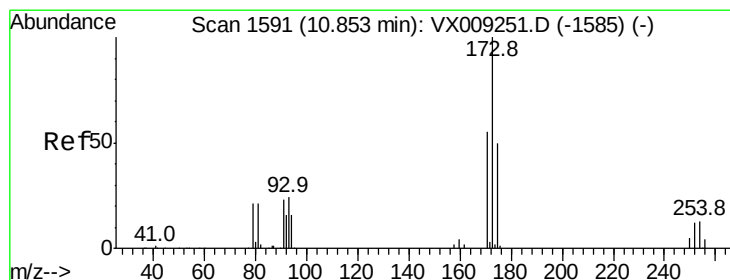
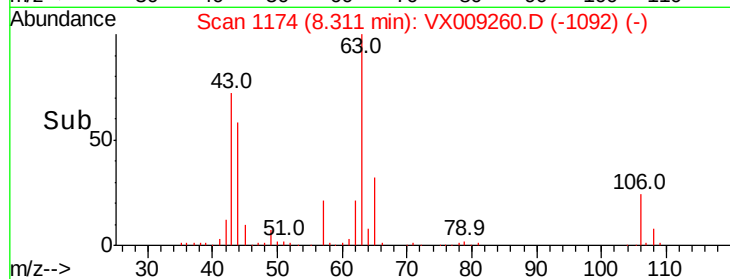
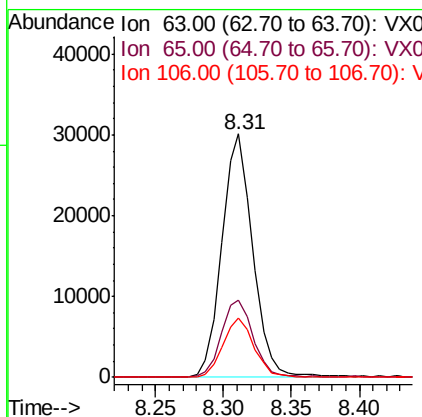
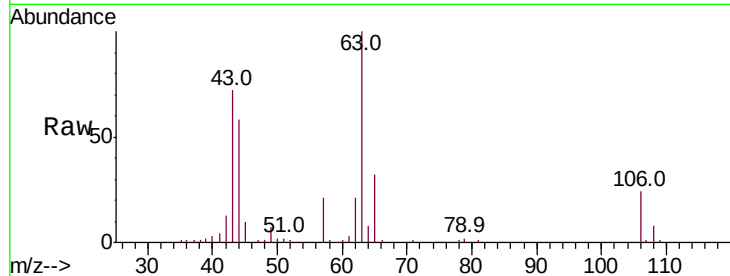




#55
2-Chloroethyl vinyl ether
Concen: 24.039 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

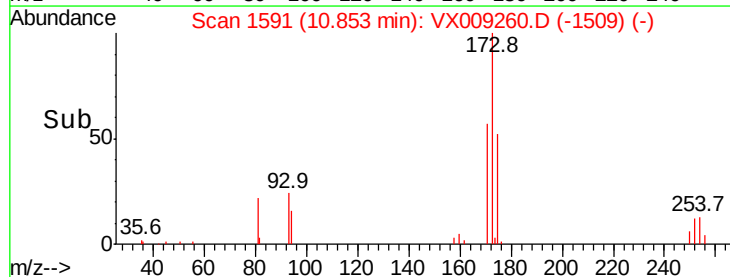
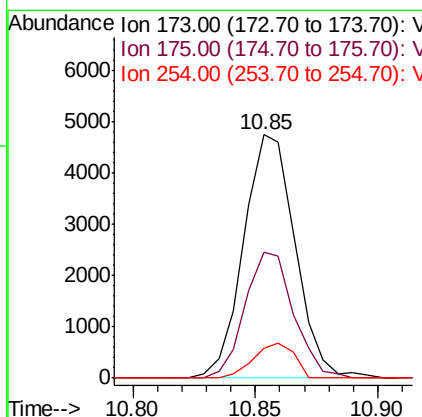
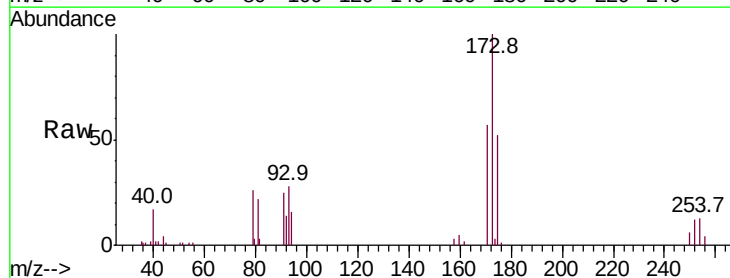
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

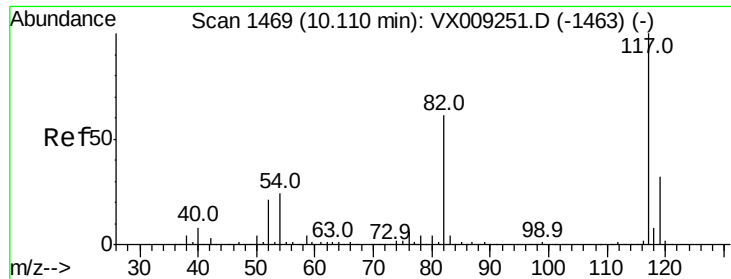
Tot Ion: 63 Resp: 47221
Ion Ratio Lower Upper
63 100
65 32.6 25.8 38.6
106 24.5 19.8 29.6



#56
Bromoform
Concen: 4.508 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Tgt Ion: 173 Resp: 6874
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.2
254 11.5 9.9 14.9

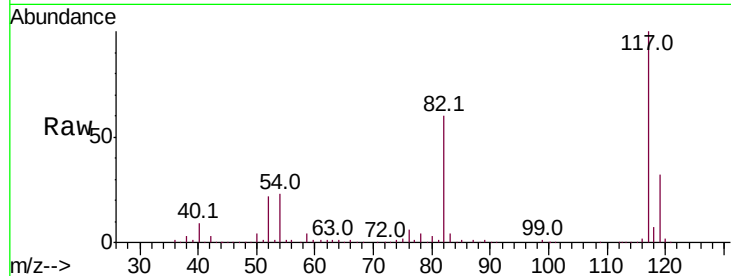




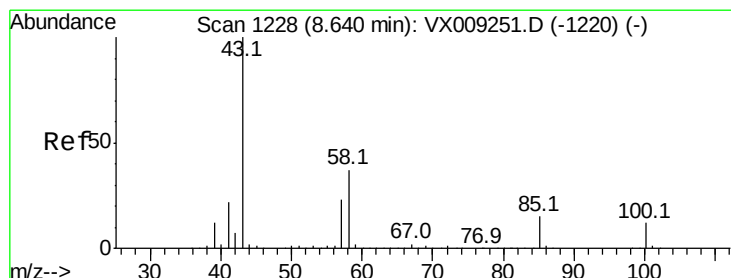
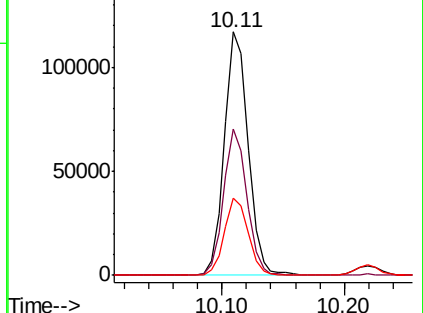
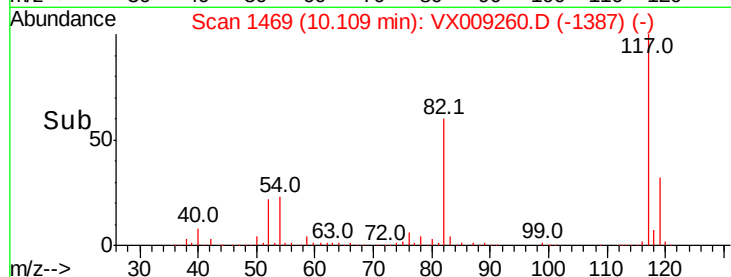
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:117 Resp: 157795
Ion Ratio Lower Upper
117 100
82 59.2 47.8 71.8
119 31.8 25.6 38.4

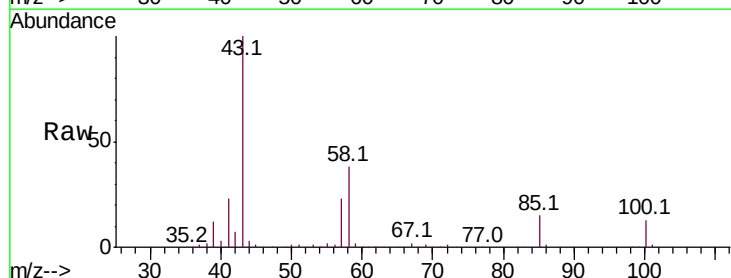


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

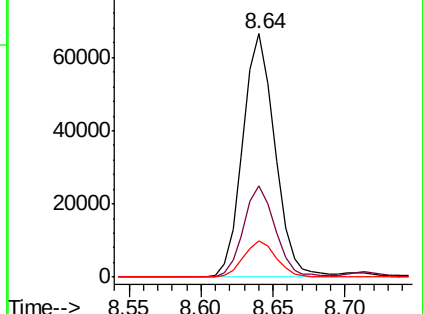
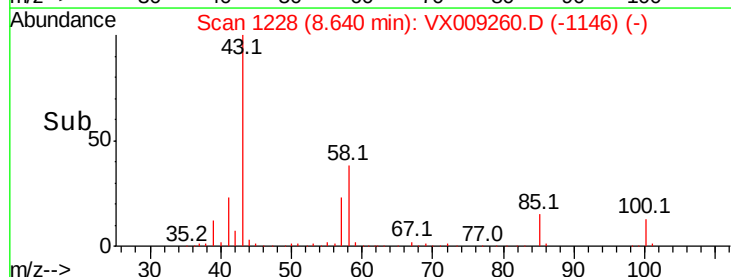


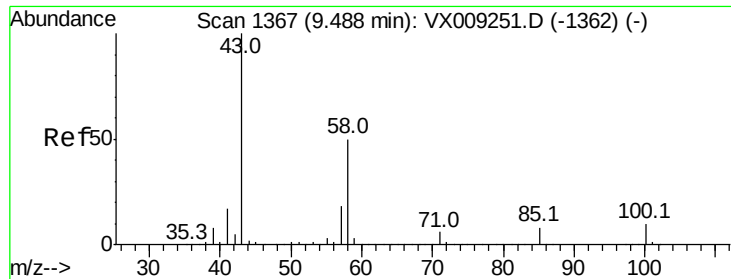
#58
4-Methyl-2-Pentanone
Concen: 26.581 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Tgt Ion: 43 Resp: 103136
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.0
85 15.3 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

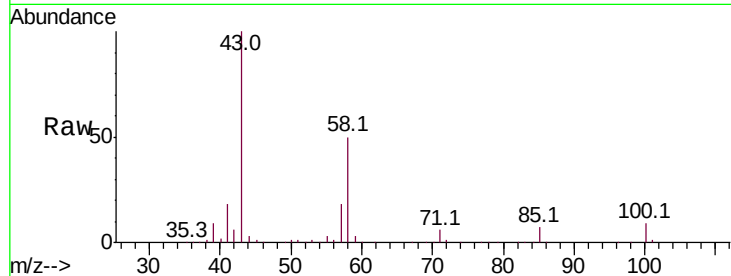




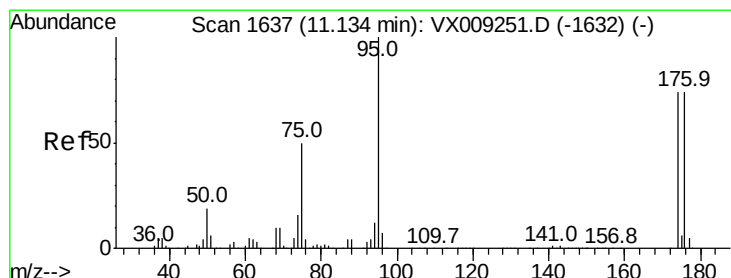
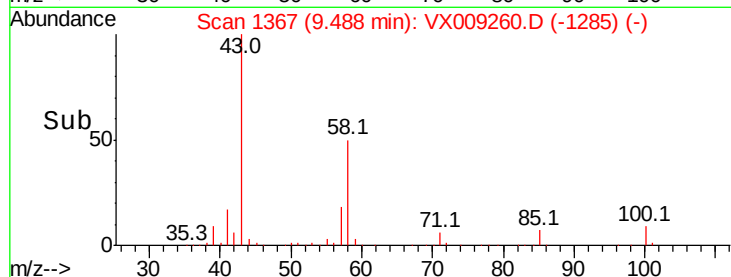
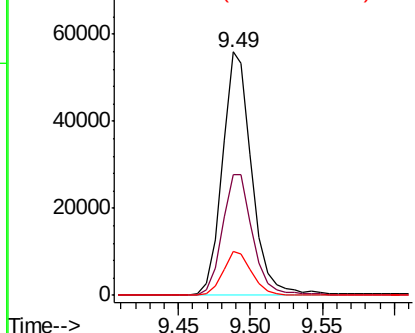
#59
2-Hexanone
Concen: 26.295 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion: 43 Resp: 80023
Ion Ratio Lower Upper
43 100
58 51.3 40.8 61.2
57 17.6 14.1 21.1

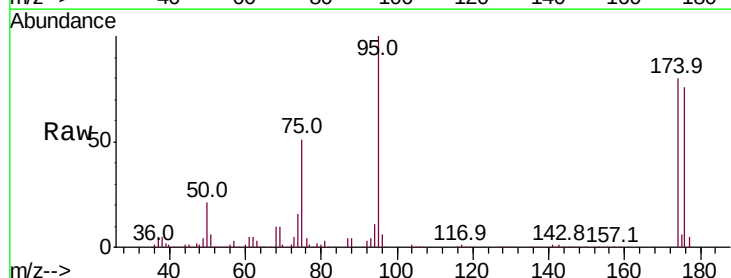


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

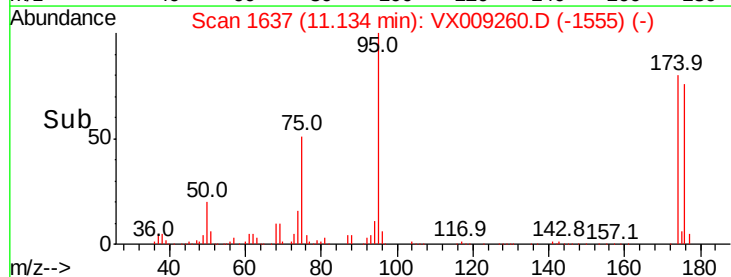
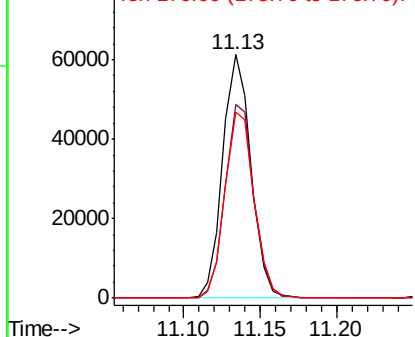


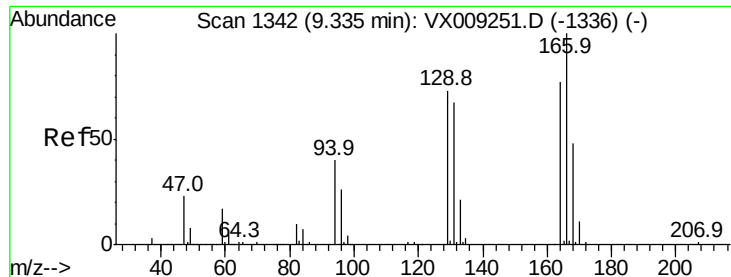
#60
4-Bromofluorobenzene
Concen: 29.305 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Tgt Ion: 95 Resp: 78575
Ion Ratio Lower Upper
95 100
174 80.9 63.6 95.4
176 78.9 62.4 93.6



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 5.135 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:164 Resp: 8933

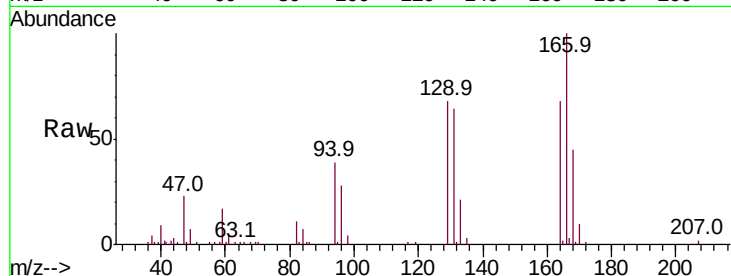
Ion Ratio Lower Upper

164 100

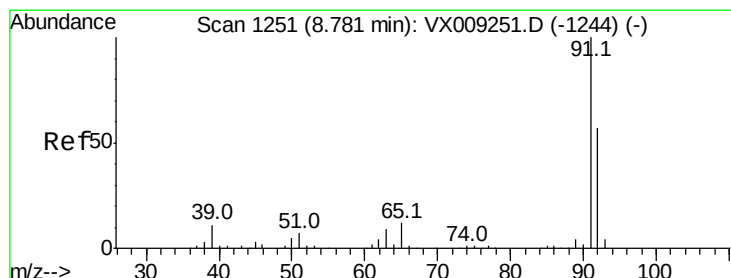
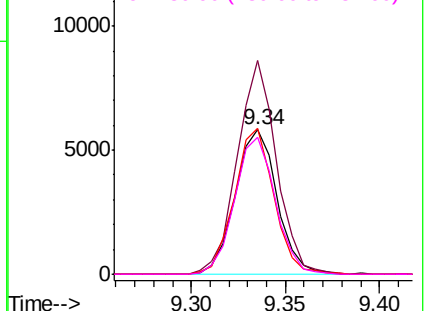
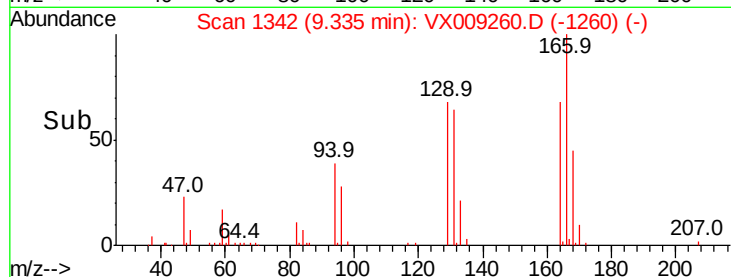
166 148.0 104.1 156.1

129 100.9 76.0 114.0

131 94.5 70.1 105.1



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.141 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX009260.D

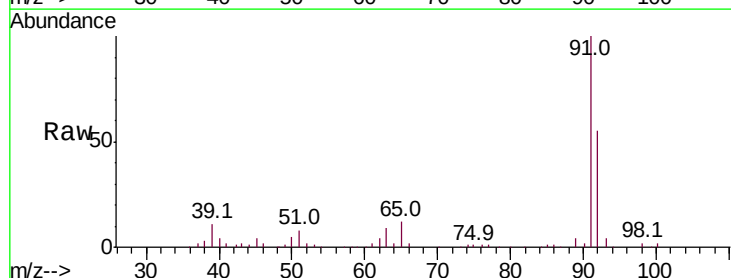
Acq: 01 May 2019 17:38

Tgt Ion: 91 Resp: 43345

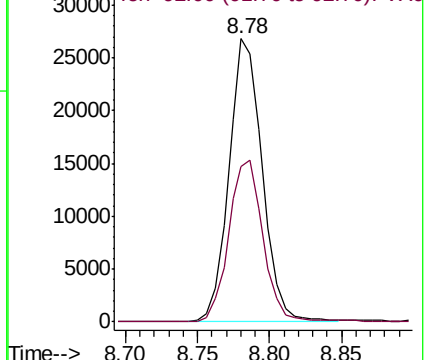
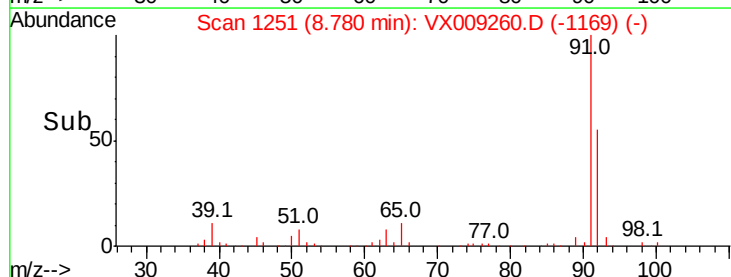
Ion Ratio Lower Upper

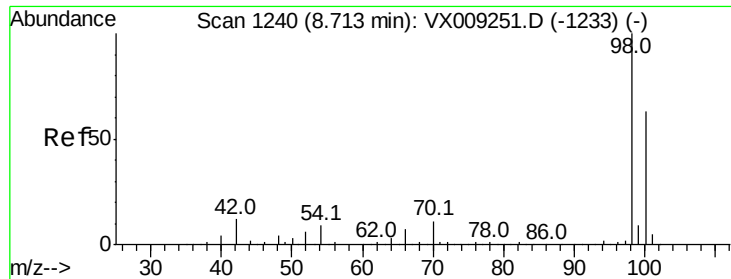
91 100

92 58.3 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.348 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

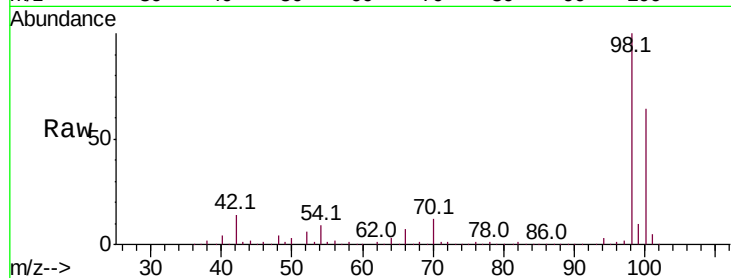
LOQ-WATER-02-QT2-2019

Tot Ion: 98 Resp: 227039

Ion Ratio Lower Upper

98 100

100 64.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX009251.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX009251.D (-1233) (-)

8.71

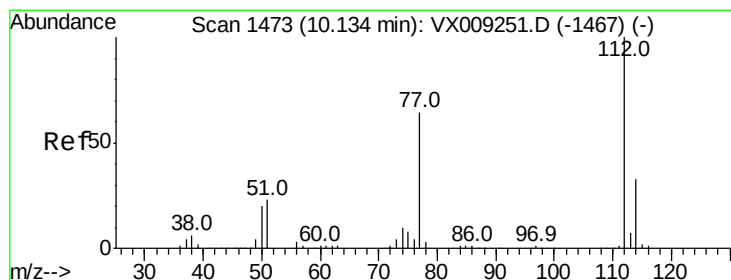
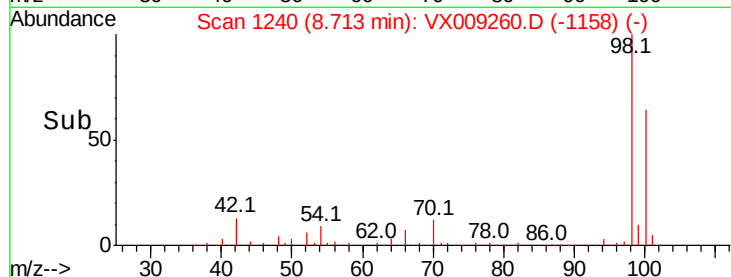
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 5.232 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009260.D

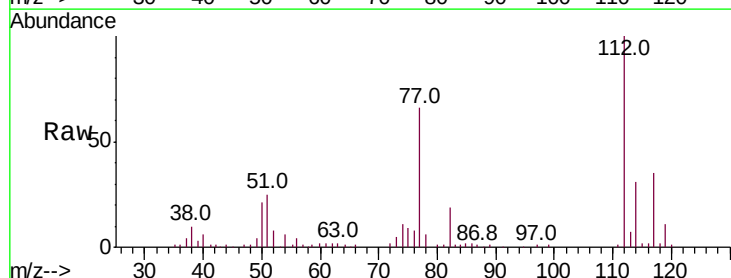
Acq: 01 May 2019 17:38

Tgt Ion: 112 Resp: 26552

Ion Ratio Lower Upper

112 100

114 31.4 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX009251.D (-1467) (-)

Ion 114.00 (113.70 to 114.70): VX009251.D (-1467) (-)

10.13

20000

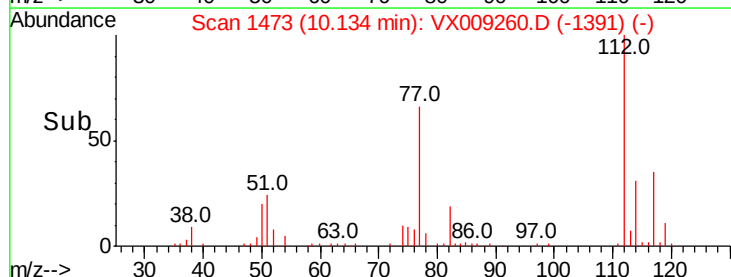
15000

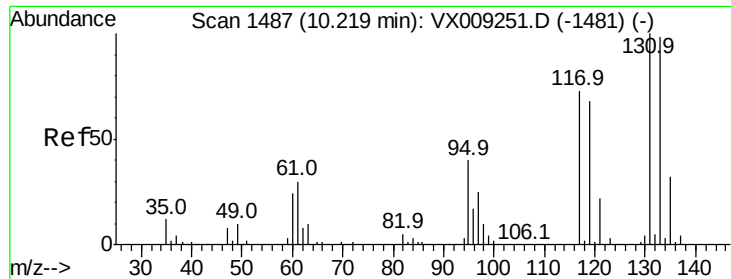
10000

5000

0

Time-->

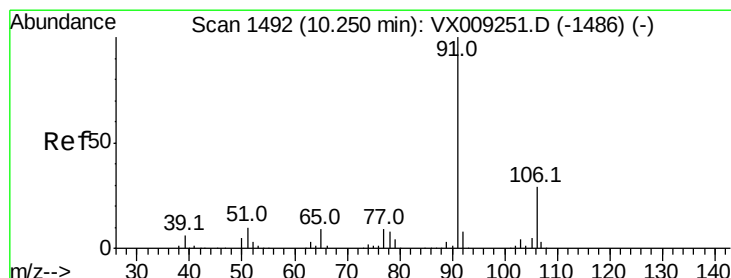
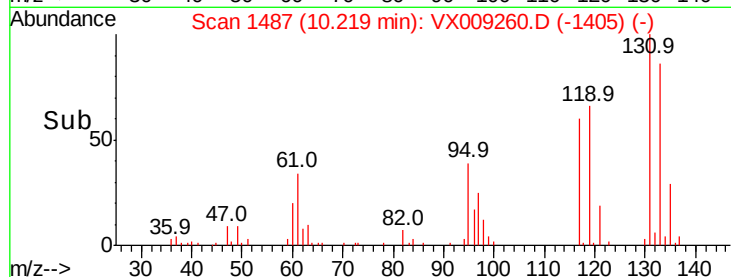
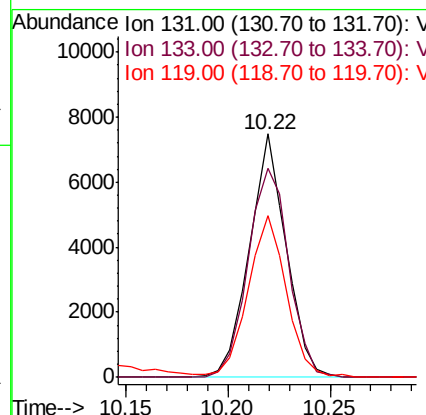
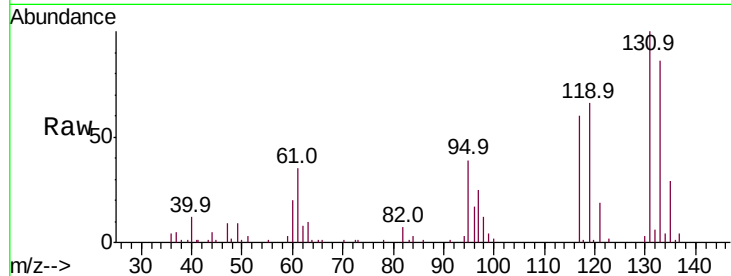




#65
 1,1,1,2-Tetrachloroethane
 Concen: 5.074 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

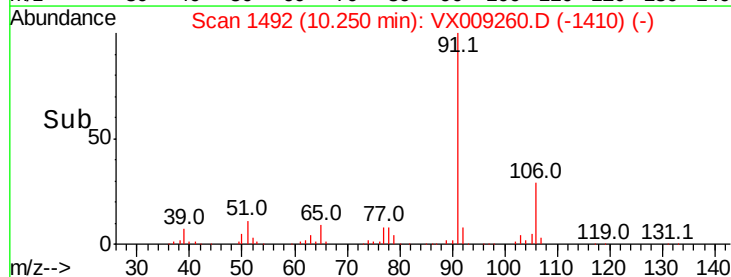
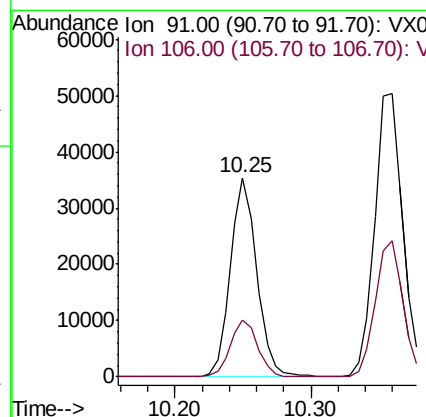
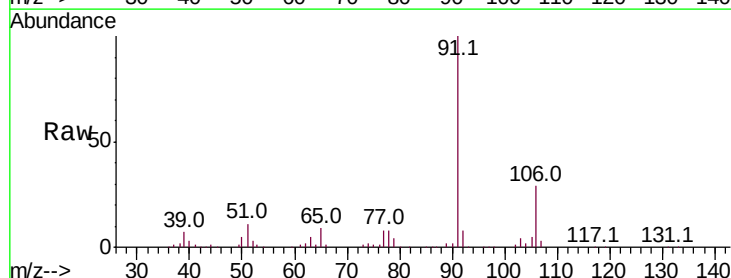
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

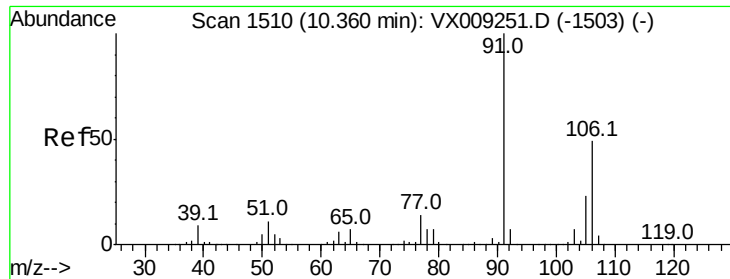
Tot Ion:131 Resp: 9428
 Ion Ratio Lower Upper
 131 100
 133 94.6 0.0 191.2
 119 68.9 0.0 135.4



#66
 Ethyl Benzene
 Concen: 5.090 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion: 91 Resp: 47816
 Ion Ratio Lower Upper
 91 100
 106 28.5 23.5 35.3

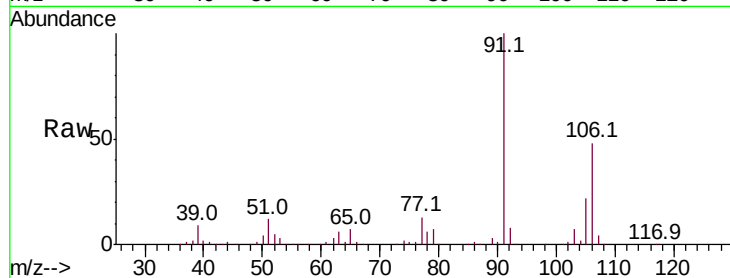




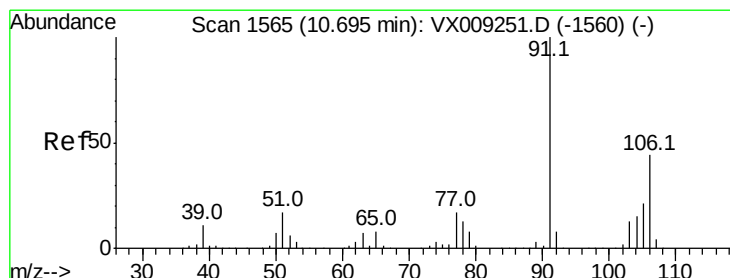
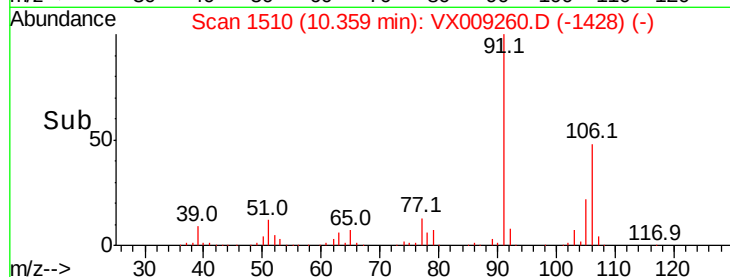
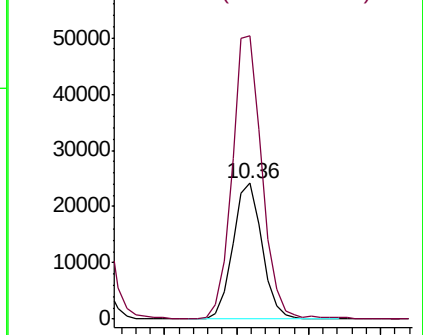
#67
m/p-Xylenes
Concen: 10.048 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:106 Resp: 34459
Ion Ratio Lower Upper
106 100
91 209.4 166.8 250.2

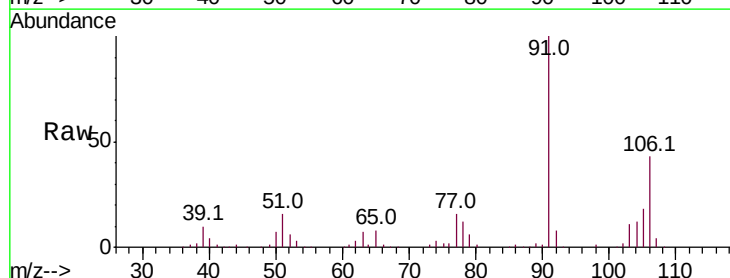


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

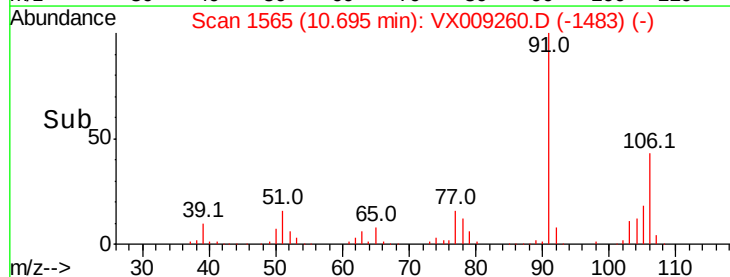
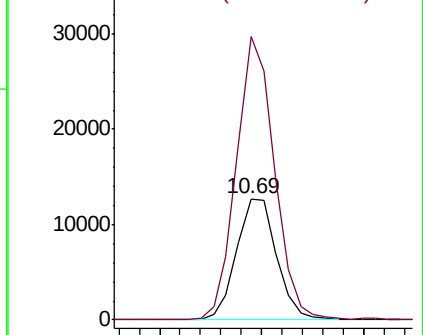


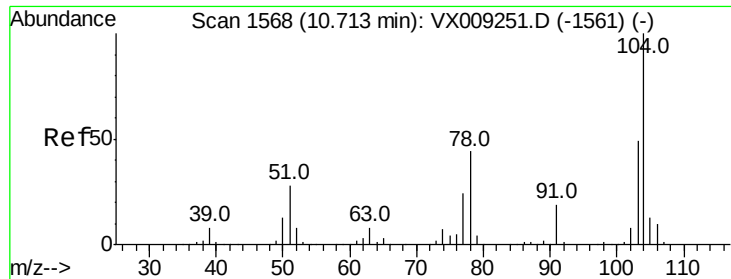
#68
o-Xylene
Concen: 5.151 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Tgt Ion:106 Resp: 17369
Ion Ratio Lower Upper
106 100
91 221.5 110.8 332.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

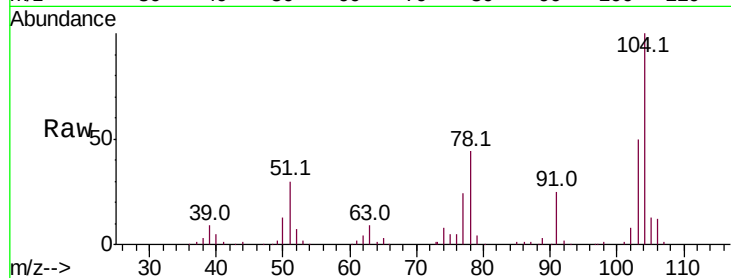




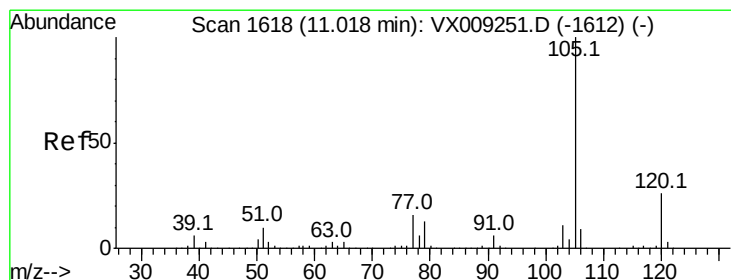
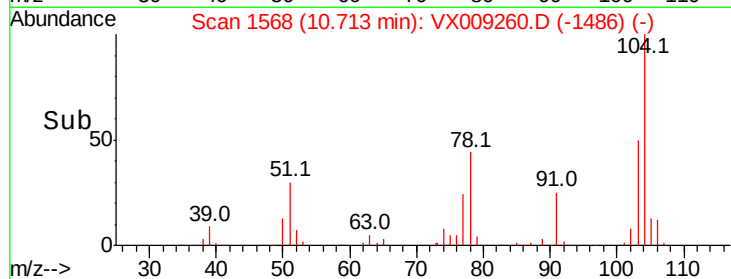
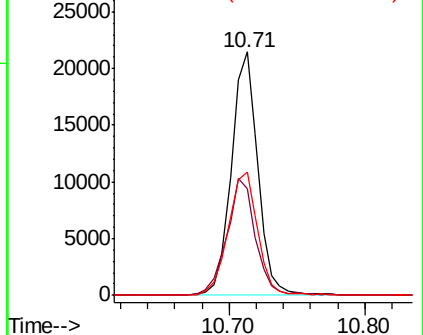
#69
Stvrene
Concen: 4.907 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:104 Resp: 29047
Ion Ratio Lower Upper
104 100
78 51.0 41.1 61.7
103 55.9 43.8 65.8

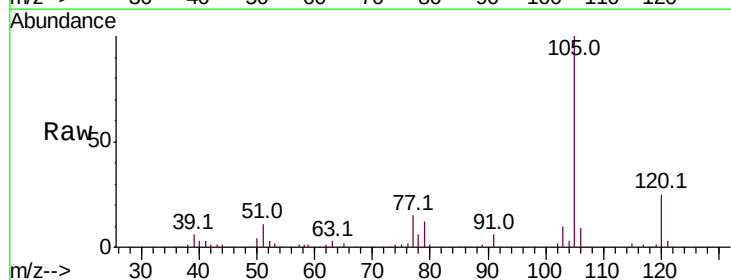


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

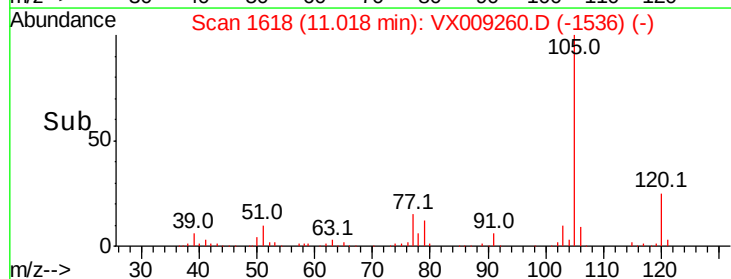
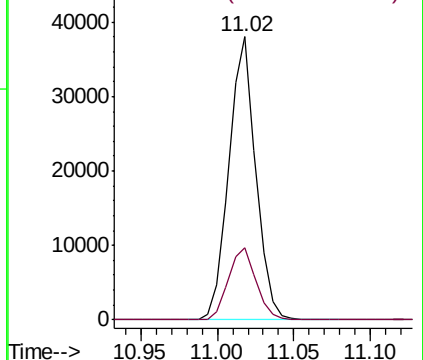


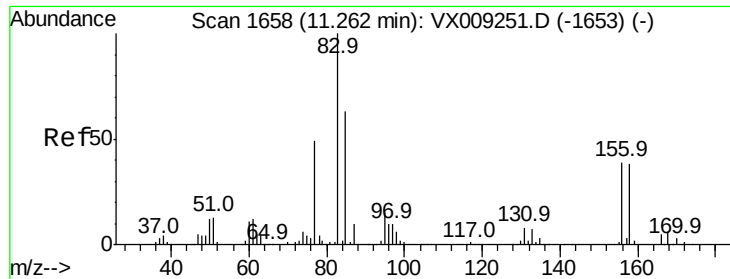
#70
Isopropylbenzene
Concen: 5.106 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Tgt Ion:105 Resp: 46307
Ion Ratio Lower Upper
105 100
120 26.3 18.1 33.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

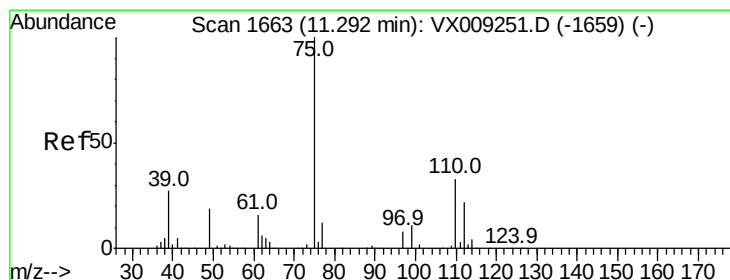
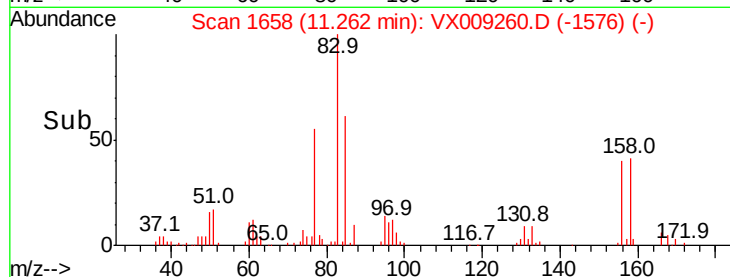
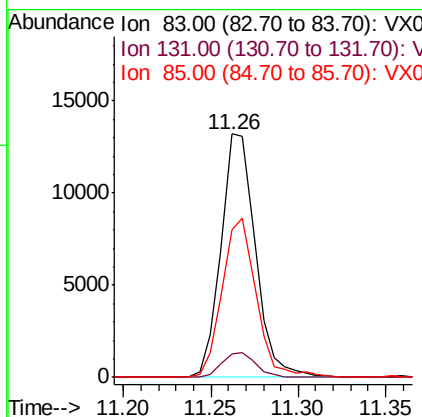
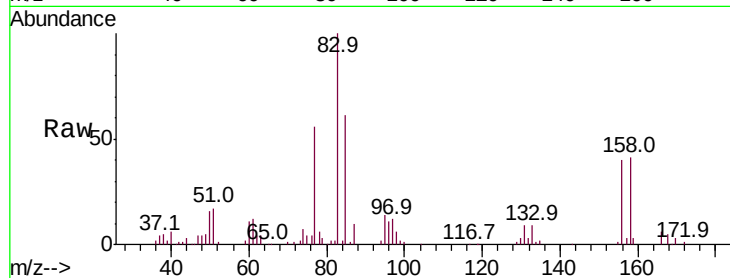




#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.453 ug/l
 RT: 11.26 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

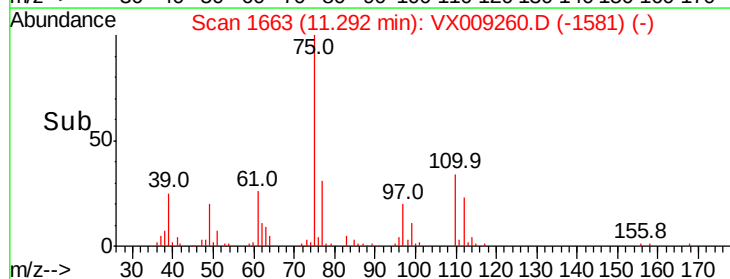
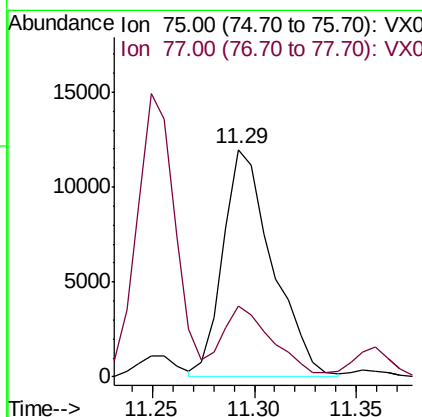
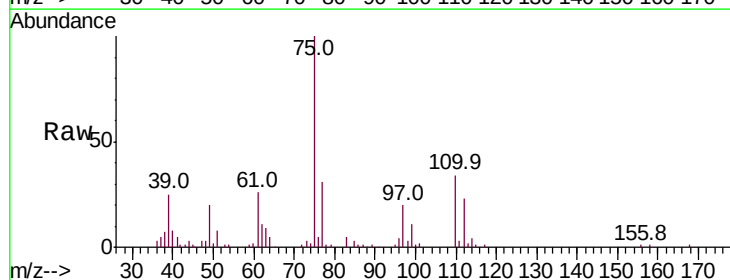
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

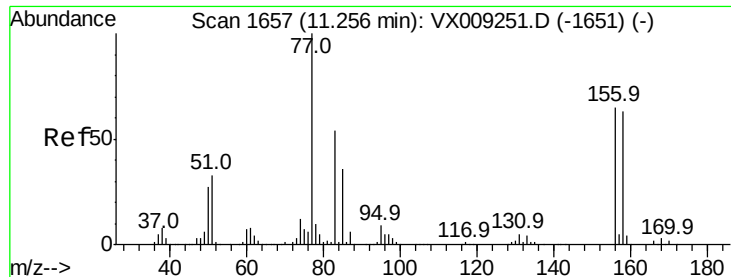
Tot Ion	83	Resp	18110
Ion Ratio	100	Lower	Upper
131	9.6	4.7	14.0
85	64.7	32.4	97.2



#72
 1,2,3-Trichloropropane
 Concen: 7.022 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion	75	Resp	20099
Ion Ratio	100	Lower	Upper
77	31.9	0.0	86.4





#73

Bromobenzene

Concen: 5.068 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

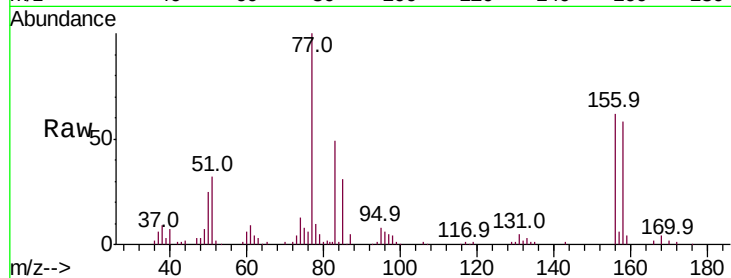
Tot Ion:156 Resp: 11356

Ion Ratio Lower Upper

156 100

77 170.1 0.0 335.6

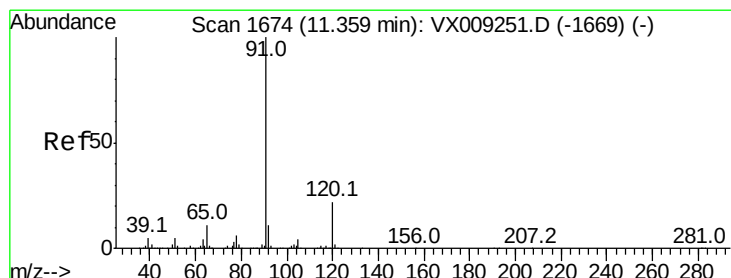
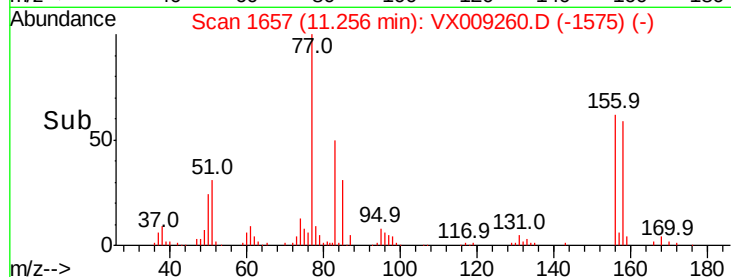
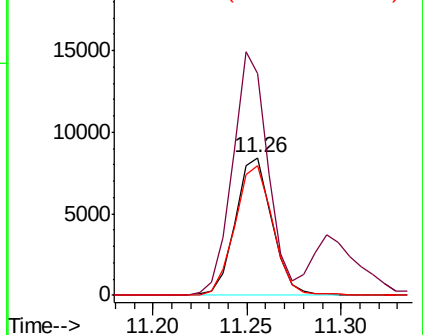
158 97.3 0.0 191.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 5.019 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009260.D

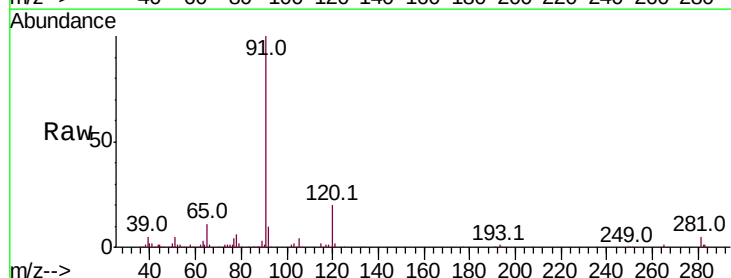
Acq: 01 May 2019 17:38

Tgt Ion: 91 Resp: 52753

Ion Ratio Lower Upper

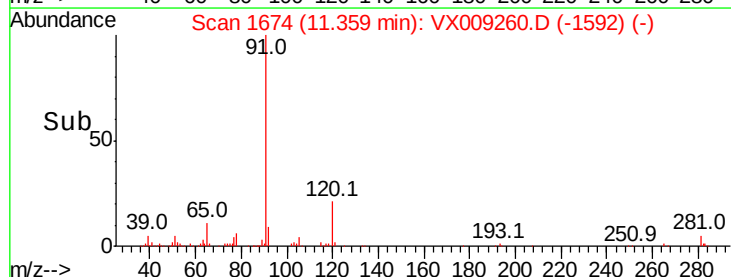
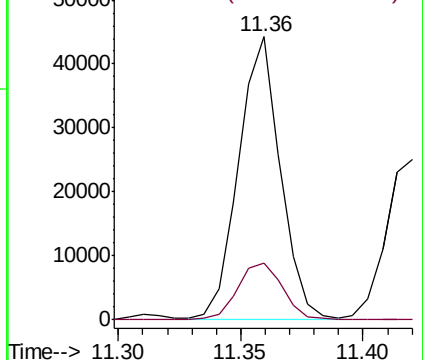
91 100

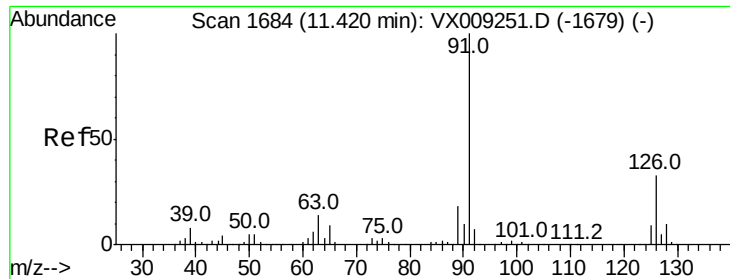
120 21.6 0.0 43.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.209 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

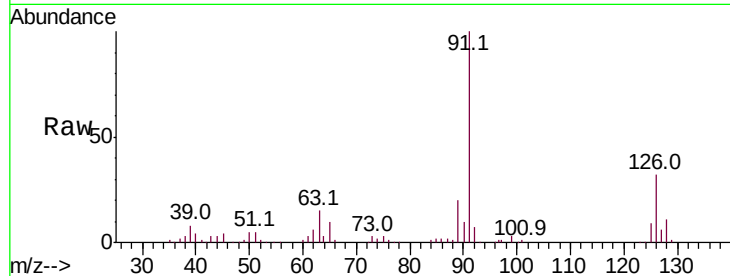
LOQ-WATER-02-QT2-2019

Tot Ion: 91 Resp: 32835

Ion Ratio Lower Upper

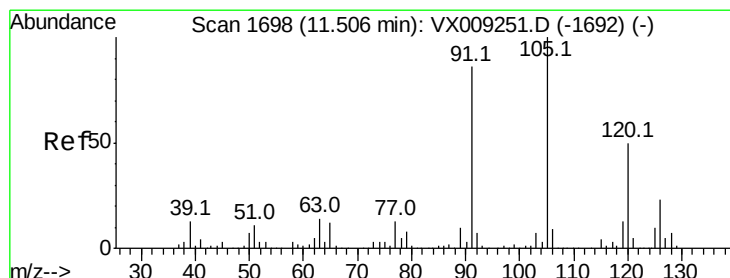
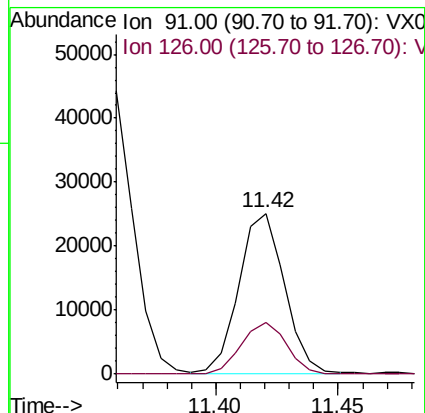
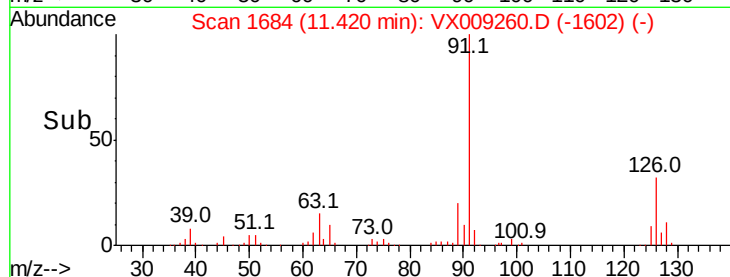
91 100

126 32.1 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 5.040 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009260.D

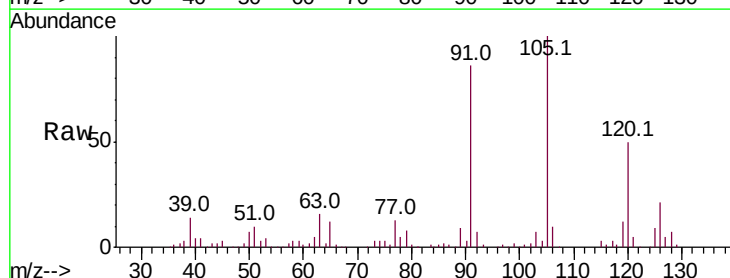
Acq: 01 May 2019 17:38

Tgt Ion:105 Resp: 38718

Ion Ratio Lower Upper

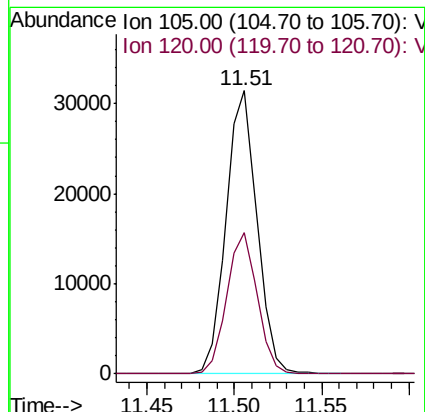
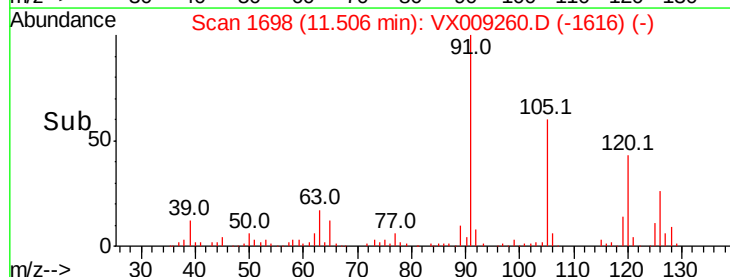
105 100

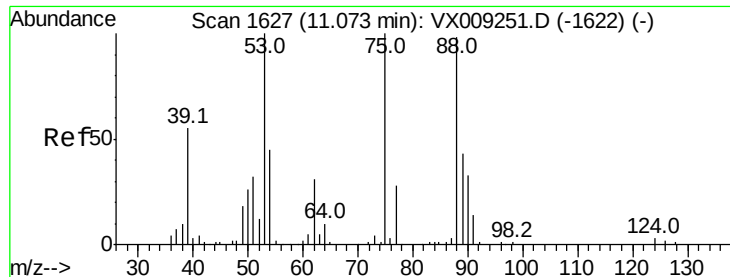
120 48.9 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 4.124 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

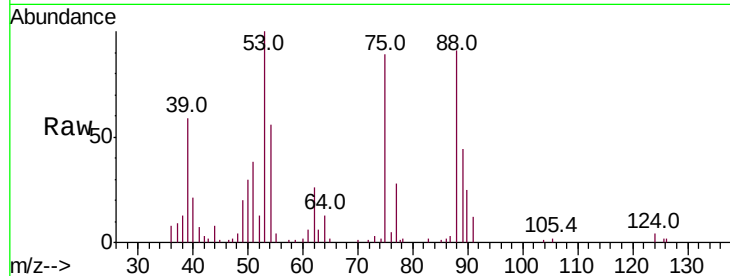
Tot Ion: 75 Resp: 4761

Ion Ratio Lower Upper

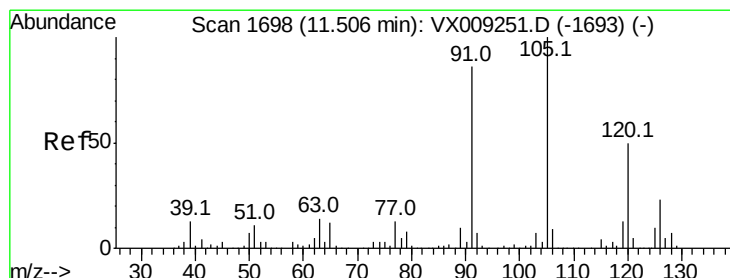
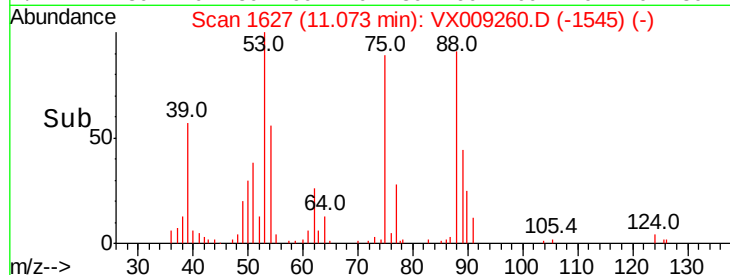
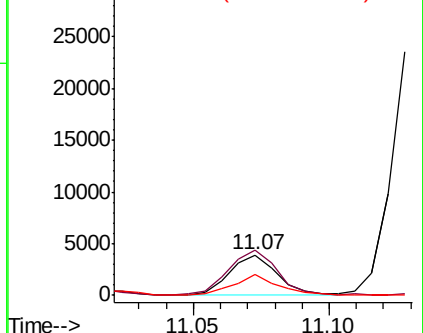
75 100

53 112.9 50.0 149.8

89 50.1 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 5.000 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009260.D

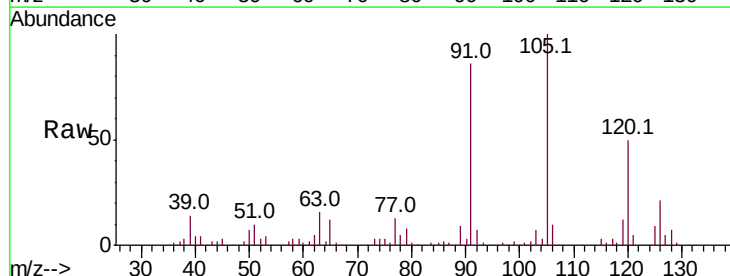
Acq: 01 May 2019 17:38

Tgt Ion: 91 Resp: 35799

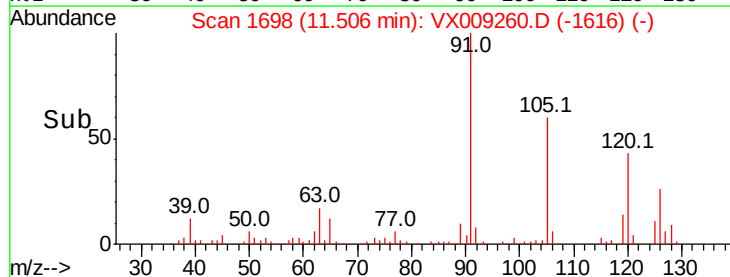
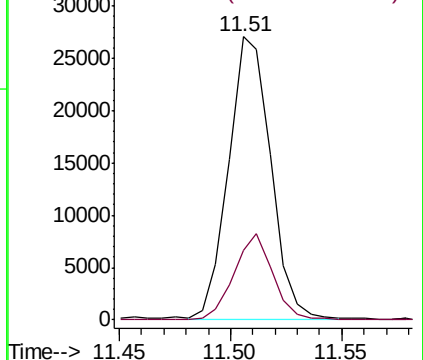
Ion Ratio Lower Upper

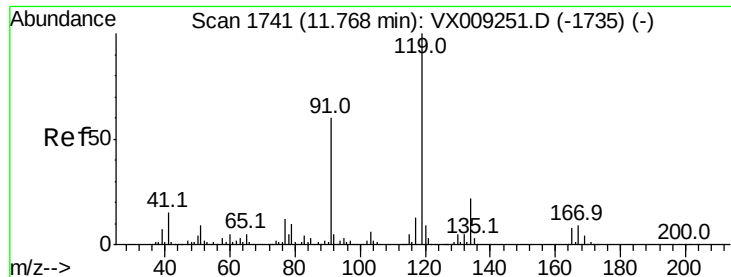
91 100

126 27.7 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 5.131 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

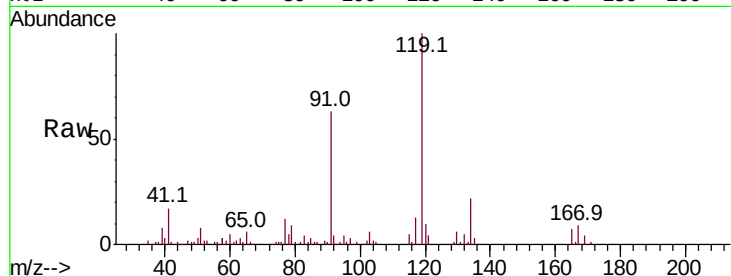
Tot Ion:119 Resp: 38105

Ion Ratio Lower Upper

119 100

91 59.7 0.0 118.2

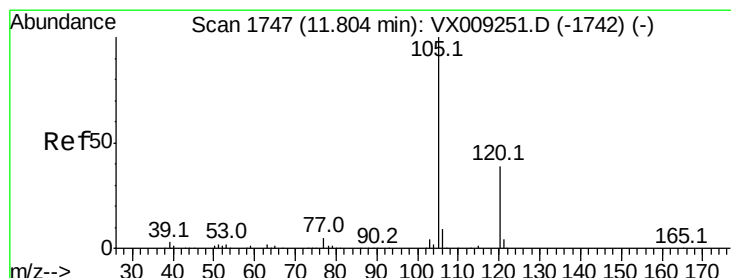
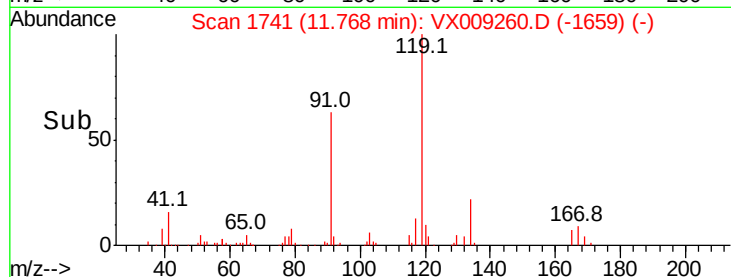
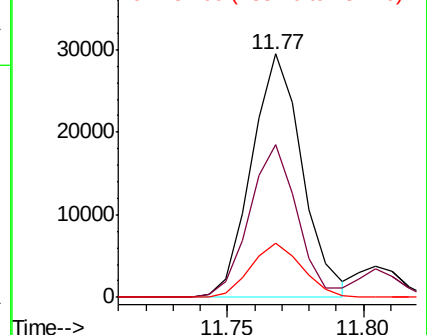
134 22.5 0.0 45.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 5.004 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009260.D

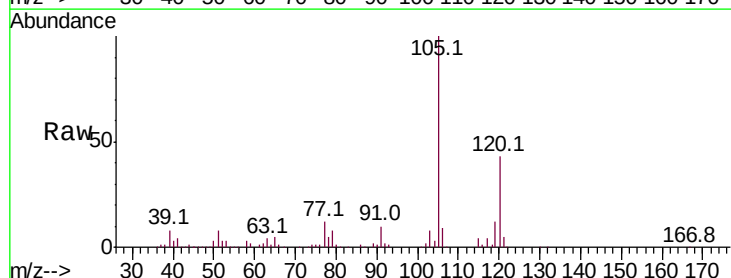
Acq: 01 May 2019 17:38

Tgt Ion:105 Resp: 38527

Ion Ratio Lower Upper

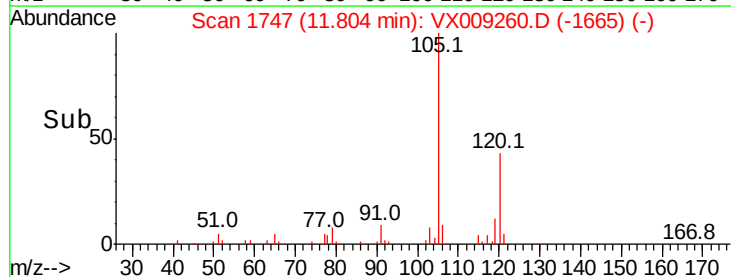
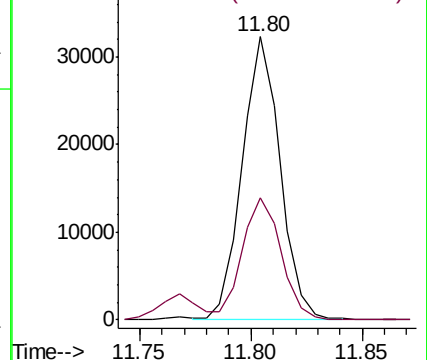
105 100

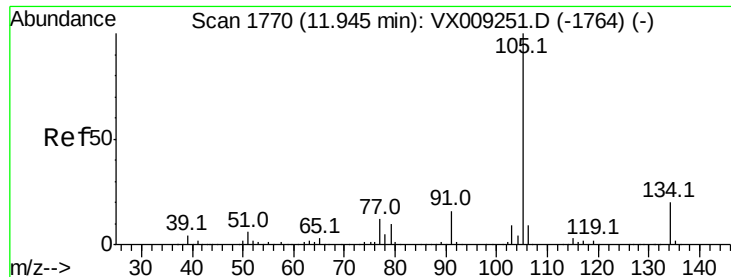
120 44.4 0.0 89.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 5.119 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

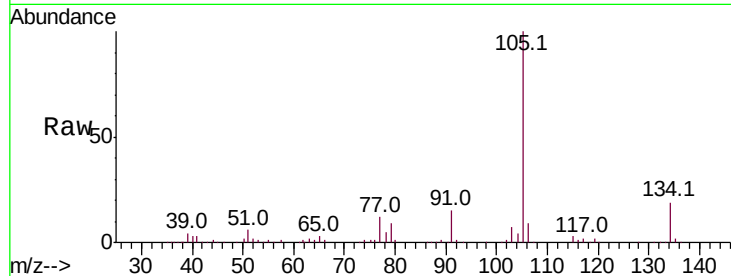
LOQ-WATER-02-QT2-2019

Tot Ion:105 Resp: 45166

Ion Ratio Lower Upper

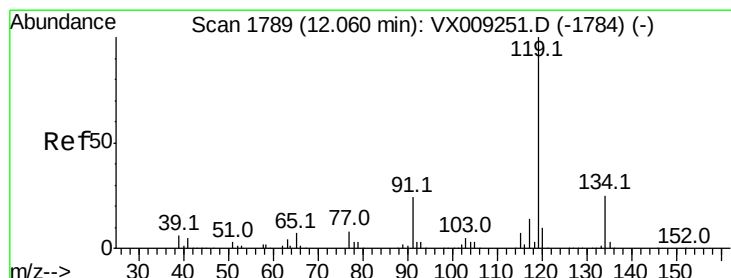
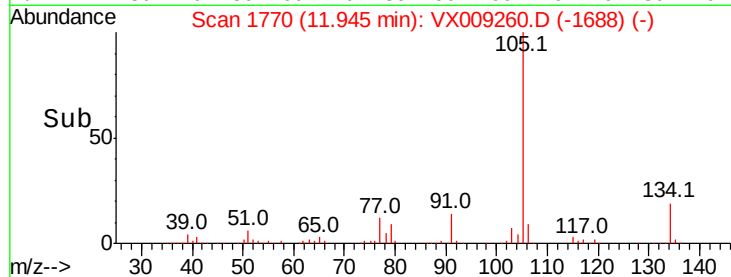
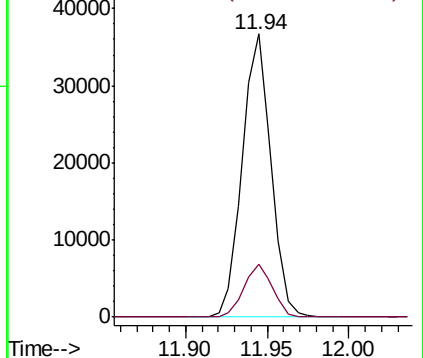
105 100

134 18.6 0.0 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 4.907 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

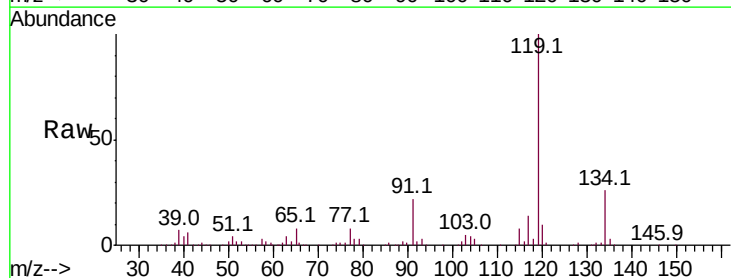
Tgt Ion:119 Resp: 39386

Ion Ratio Lower Upper

119 100

134 26.0 0.0 50.8

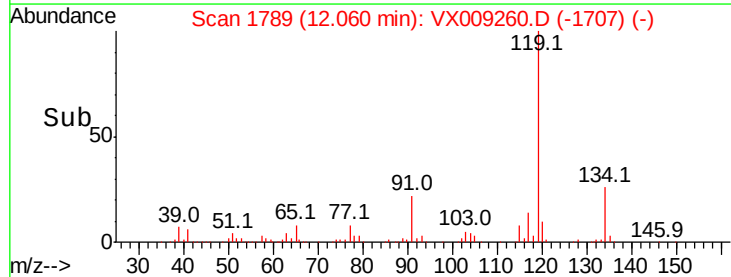
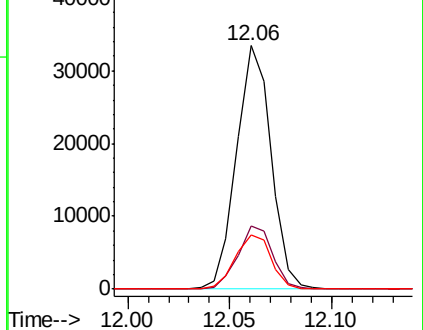
91 23.3 0.0 47.2

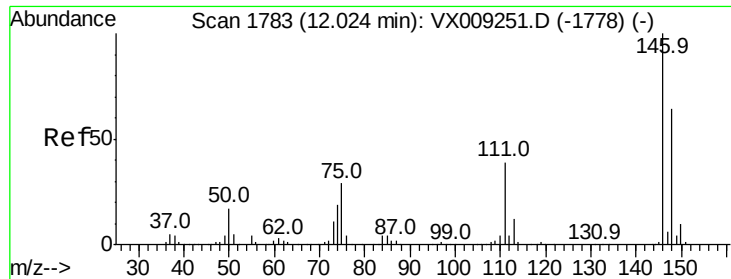


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

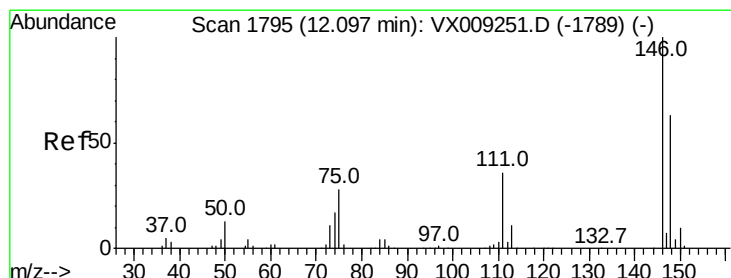
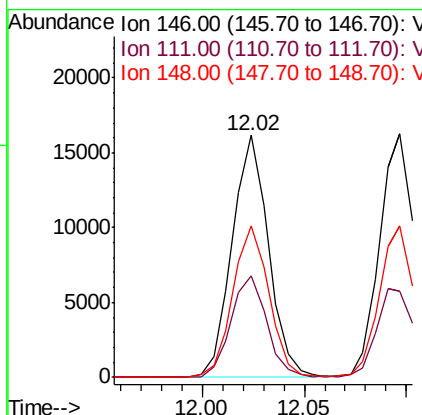
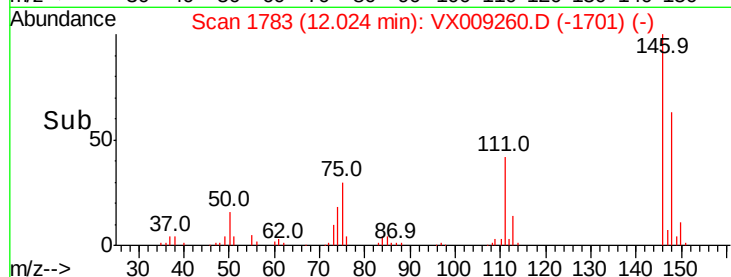
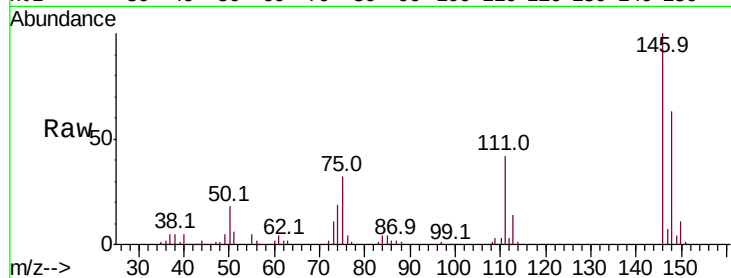




#83
 1,3-Dichlorobenzene
 Concen: 4.986 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

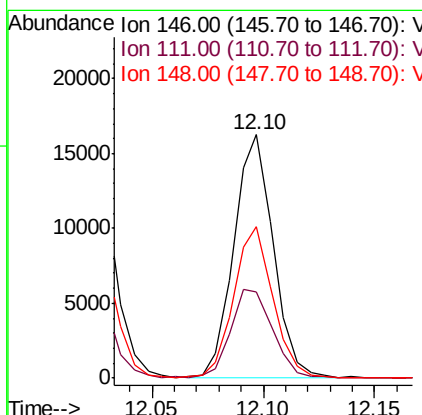
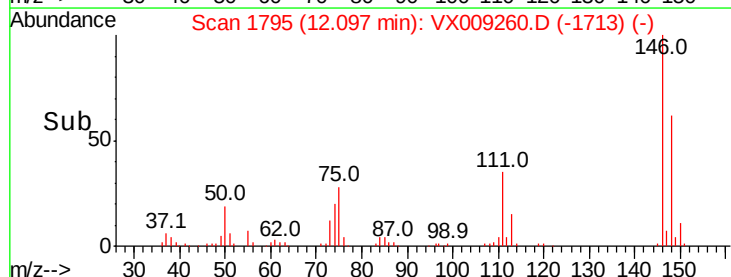
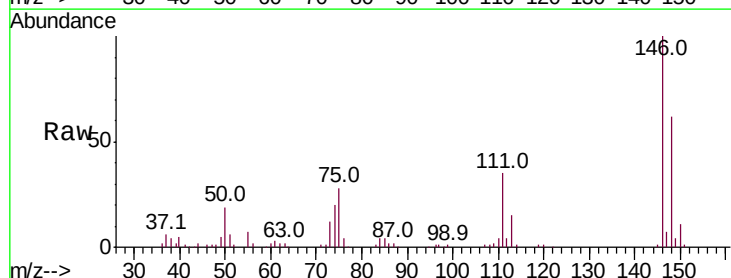
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

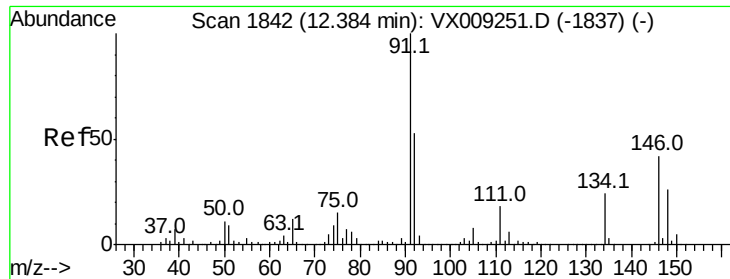
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.0	60.0
148	62.3	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 5.033 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.7
148	62.2	32.3	96.8





#85

n-Butylbenzene

Concen: 4.517 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009260.D

Acq: 01 May 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2019

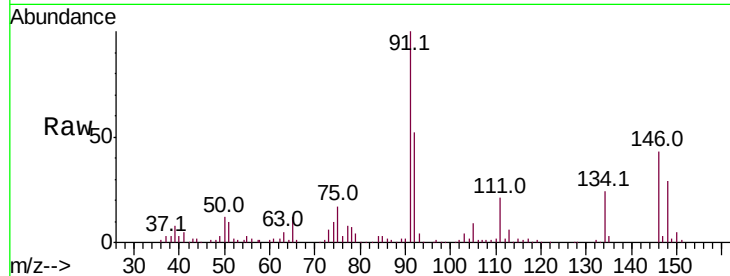
Tot Ion: 91 Resp: 33172

Ion Ratio Lower Upper

91 100

92 53.0 0.0 106.6

134 24.7 0.0 50.0

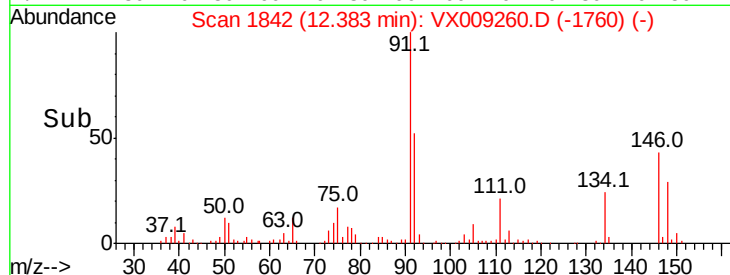


Abundance Ion 91.00 (90.70 to 91.70): VX009251.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX009251.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX009251.D (-1837) (-)

Time-->



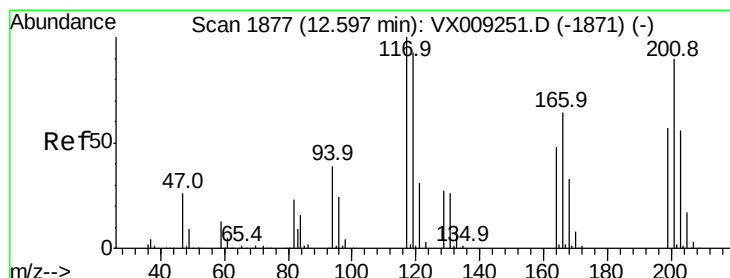
Abundance

Ion 91.00 (90.70 to 91.70): VX009260.D (-1760) (-)

Ion 92.00 (91.70 to 92.70): VX009260.D (-1760) (-)

Ion 134.00 (133.70 to 134.70): VX009260.D (-1760) (-)

Time-->



#86

Hexachloroethane

Concen: 4.380 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009260.D

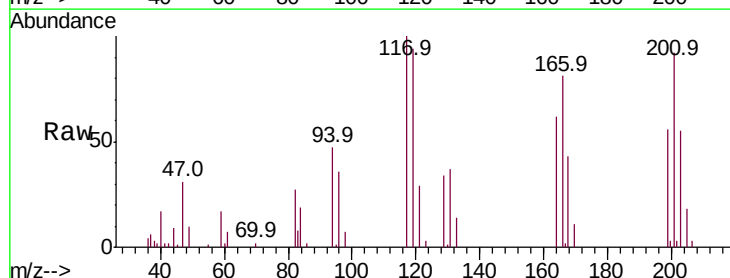
Acq: 01 May 2019 17:38

Tgt Ion: 117 Resp: 5982

Ion Ratio Lower Upper

117 100

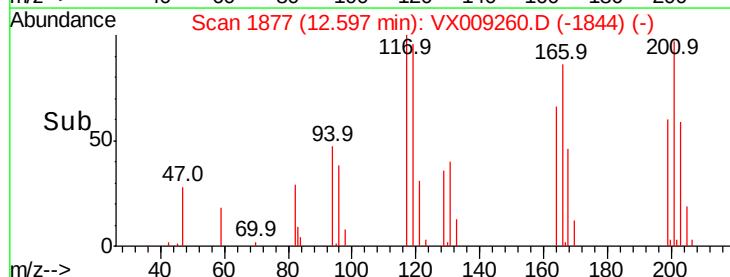
201 87.3 41.8 125.4



Abundance Ion 117.00 (116.70 to 117.70): VX009251.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX009251.D (-1871) (-)

Time-->

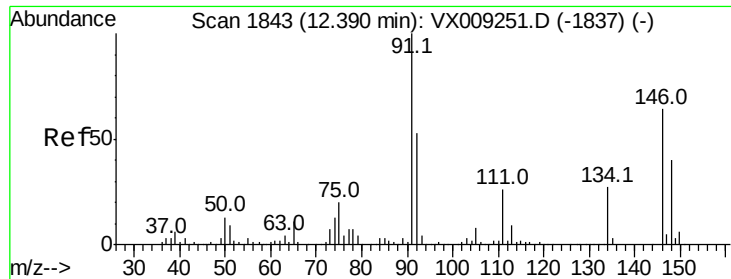


Abundance

Ion 117.00 (116.70 to 117.70): VX009260.D (-1844) (-)

Ion 201.00 (200.70 to 201.70): VX009260.D (-1844) (-)

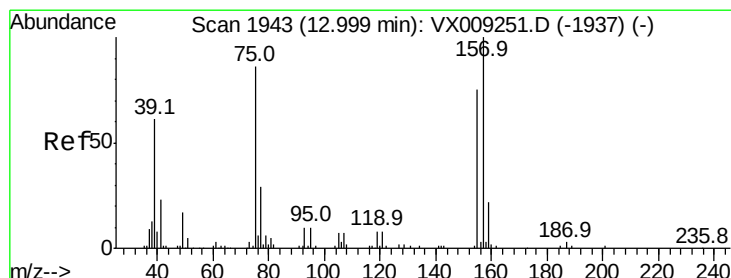
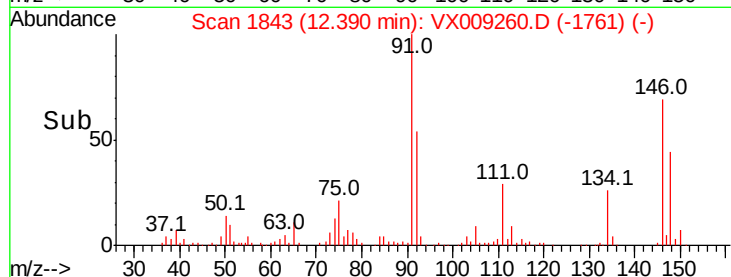
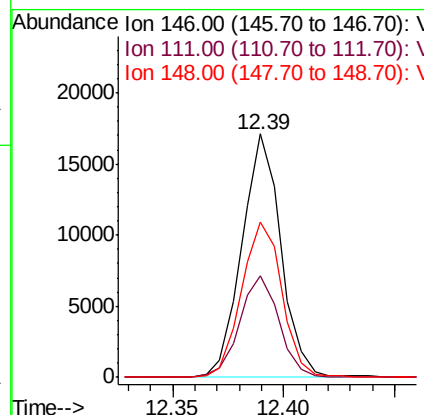
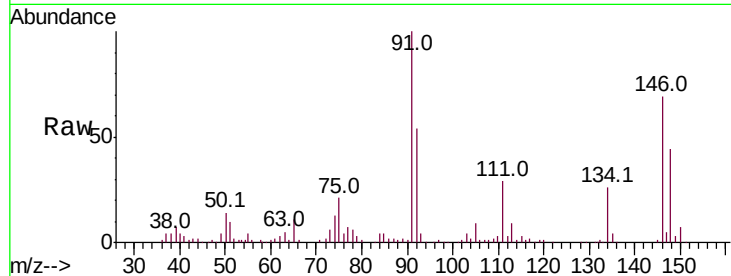
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 5.197 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

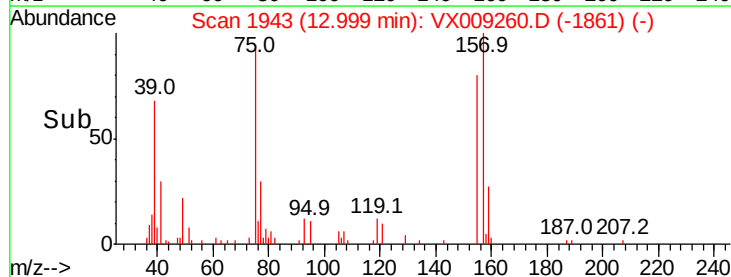
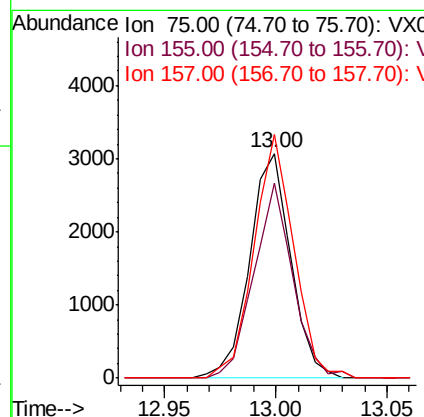
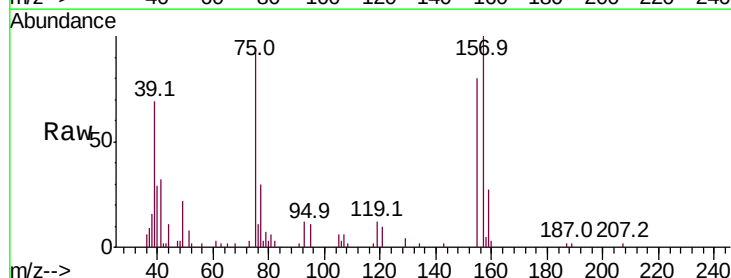
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

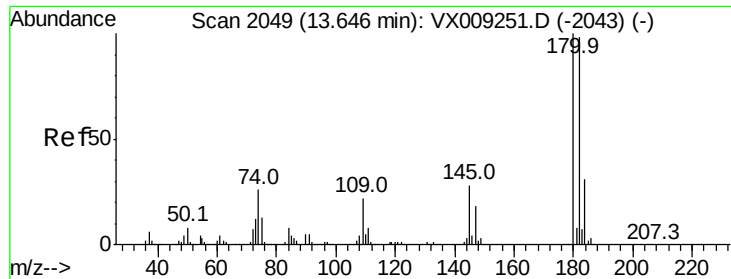
Tot Ion:146 Resp: 20933
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.8 62.2
 148 66.1 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 5.146 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion: 75 Resp: 3972
 Ion Ratio Lower Upper
 75 100
 155 82.1 65.9 98.9
 157 104.3 85.2 127.8

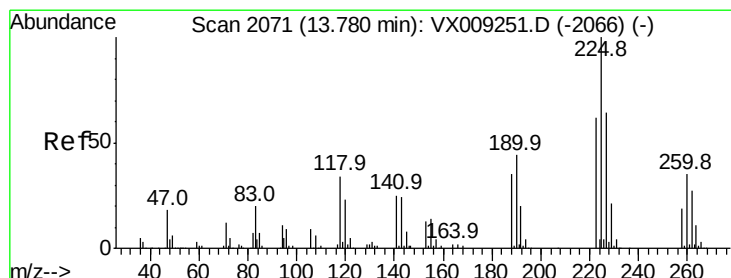
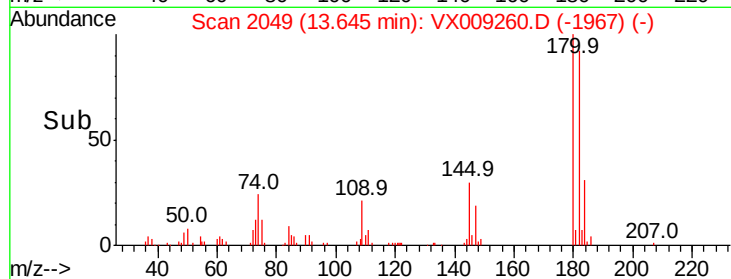
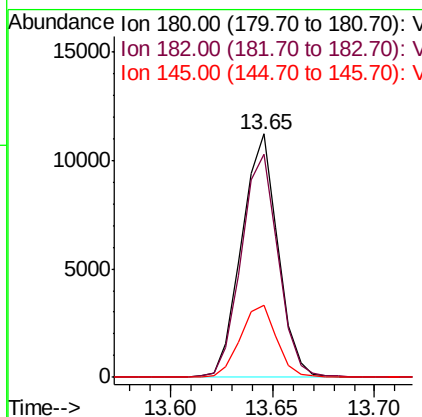
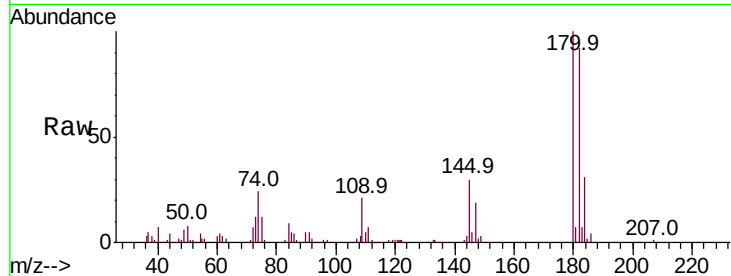




#89
 1,2,4-Trichlorobenzene
 Concen: 4.835 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

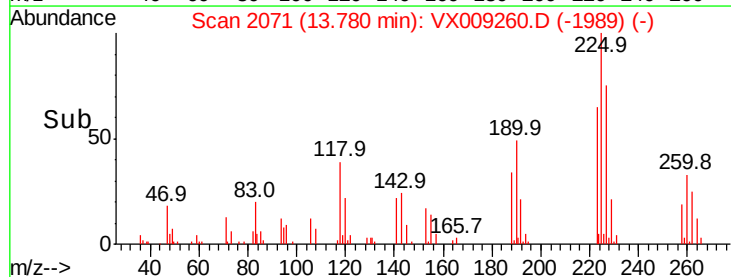
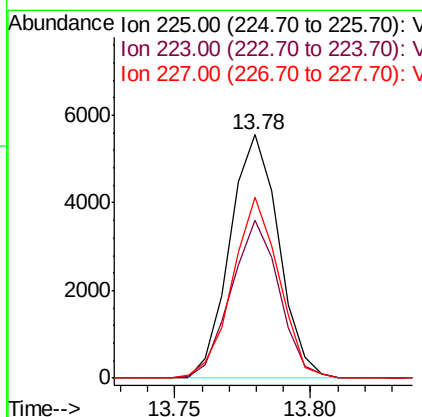
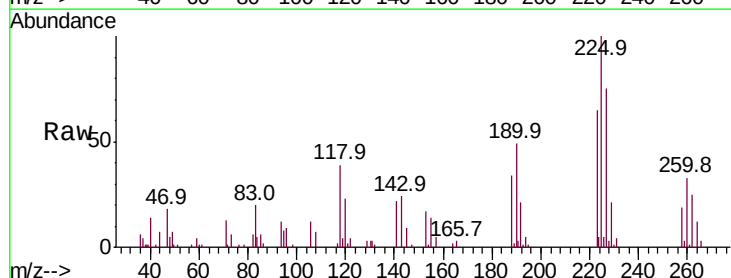
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

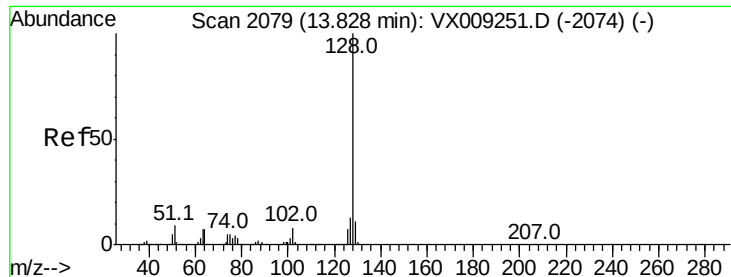
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.9	115.3
145	29.6	23.0	34.6



#90
 Hexachlorobutadiene
 Concen: 4.819 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009260.D
 Acq: 01 May 2019 17:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	0.0	126.6
227	70.9	0.0	130.0

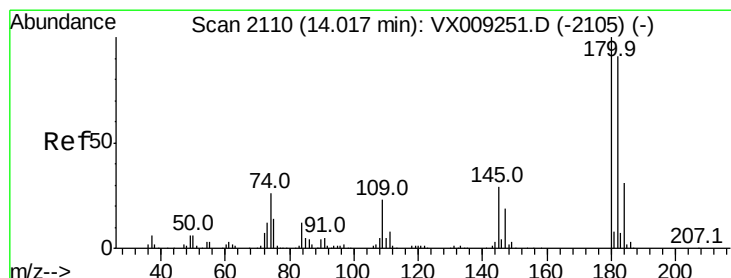
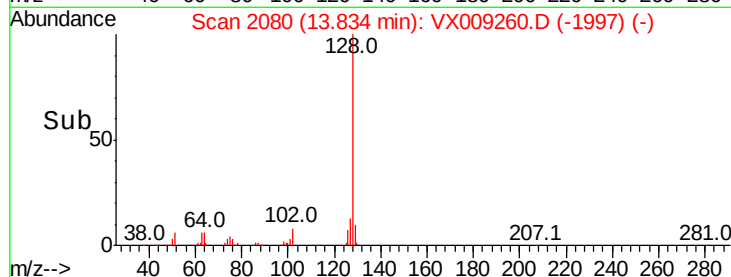
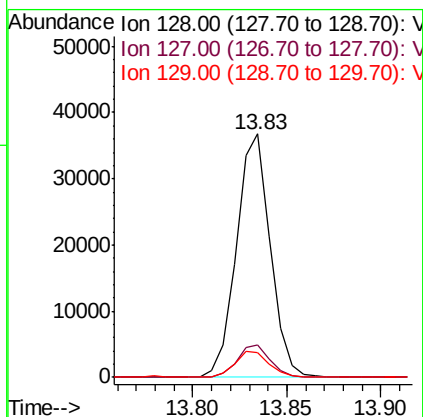
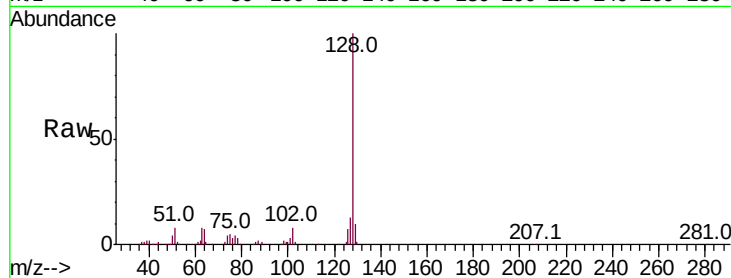




#91
Naphthalene
Concen: 4.864 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:128 Resp: 45726
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 4.671 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009260.D
Acq: 01 May 2019 17:38

Tgt Ion:180 Resp: 13632
Ion Ratio Lower Upper
180 100
182 97.5 0.0 189.0
145 34.4 0.0 61.6

