

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010264.D
 Acq On : 12 Jun 2019 20:28
 Operator : JC/SP
 Sample : K3309-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611MSD

Quant Time: Jun 13 01:30:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	288325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447328	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	412785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210213	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	142371	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.18%		
35) Dibromofluoromethane	5.50	113	143246	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.84%		
50) Toluene-d8	8.71	98	535384	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.54%		
62) 4-Bromofluorobenzene	11.13	95	197776	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.42%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	132780	50.049	ug/l	100
3) Chloromethane	1.32	50	131173	49.786	ug/l	99
4) Vinyl Chloride	1.41	62	148395	59.927	ug/l	100
5) Bromomethane	1.64	94	55268	59.145	ug/l	99
6) Chloroethane	1.71	64	81131	64.983	ug/l	98
7) Trichlorofluoromethane	1.93	101	210660	57.270	ug/l	99
8) Diethyl Ether	2.19	74	76723	60.517	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	117778	46.451	ug/l	91
10) Methyl Iodide	2.51	142	182152	46.367	ug/l	98
11) Tert butyl alcohol	3.05	59	167174	242.476	ug/l	99
12) 1,1-Dichloroethene	2.37	96	121792	47.028	ug/l #	77
13) Acrolein	2.29	56	34987	278.307	ug/l	100
14) Allyl chloride	2.73	41	179245	45.852	ug/l #	89
15) Acrylonitrile	3.14	53	361432	256.478	ug/l	98
16) Acetone	2.45	43	276520	208.896	ug/l #	85
17) Carbon Disulfide	2.57	76	324779	43.402	ug/l	98
18) Methyl Acetate	2.78	43	146825	50.436	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	406947	48.911	ug/l	94
20) Methylene Chloride	2.85	84	140010	48.162	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	133467	46.569	ug/l #	79
22) Diisopropyl ether	3.85	45	378738	50.673	ug/l #	92
23) Vinyl Acetate	3.82	43	1683513	252.485	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	218681	48.189	ug/l	94
25) 2-Butanone	4.67	43	484542	245.819	ug/l #	82
26) 2,2-Dichloropropane	4.59	77	158323	38.243	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	159272	49.954	ug/l	77
28) Bromochloromethane	5.02	49	99910	49.125	ug/l #	51
29) Tetrahydrofuran	5.13	42	316884	255.805	ug/l #	75
30) Chloroform	5.21	83	232003	49.227	ug/l	98
31) Cyclohexane	5.58	56	192399	46.977	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	205946	46.483	ug/l	94
36) 1,1-Dichloropropene	5.80	75	165326	45.301	ug/l	92
37) Ethyl Acetate	4.83	43	182122	47.962	ug/l #	92
38) Carbon Tetrachloride	5.78	117	186893	45.244	ug/l	96

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Quant Time: Jun 13 01:30:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

39) Methylcyclohexane	7.46	83	214782	43.220	ug/l #	84
40) Benzene	6.14	78	542872	48.106	ug/l	99
41) Methacrylonitrile	5.04	41	100072	48.719	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	168532	46.779	ug/l	94
43) Isopropyl Acetate	6.45	43	303193	47.755	ug/l #	89
44) Trichloroethene	7.21	130	158851	46.699	ug/l	85
45) 1,2-Dichloropropane	7.51	63	137522	48.688	ug/l	98
46) Dibromomethane	7.66	93	100851	47.659	ug/l	91
47) Bromodichloromethane	7.90	83	187215	47.347	ug/l	99
48) Methyl methacrylate	7.77	41	145748	49.087	ug/l #	77
49) 1,4-Dioxane	7.74	88	72945	861.669	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	989600	260.913	ug/l	90
52) Toluene	8.79	92	353257	47.621	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	206190	45.082	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	222682	45.416	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	151243	49.783	ug/l	97
56) Ethyl methacrylate	9.18	69	235616	49.096	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	233385	48.795	ug/l	98
59) 2-Hexanone	9.49	43	763188	252.371	ug/l	88
60) Dibromochloromethane	9.58	129	174904	48.672	ug/l	100
61) 1,2-Dibromoethane	9.67	107	164833	48.715	ug/l	100
64) Tetrachloroethene	9.34	164	136958	44.672	ug/l	96
65) Chlorobenzene	10.14	112	623750	73.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	157662	48.122	ug/l	99
67) Ethyl Benzene	10.25	91	688813	47.494	ug/l	95
68) m/p-Xylenes	10.36	106	535295	95.378	ug/l	88
69) o-Xylene	10.69	106	264239	47.364	ug/l	88
70) Styrene	10.71	104	456121	48.273	ug/l	95
71) Bromoform	10.85	173	142591	47.342	ug/l	98
73) Isopropylbenzene	11.02	105	688556	46.923	ug/l	95
74) N-amyl acetate	10.90	43	280400	48.339	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	245207	48.815	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	271562	64.586	ug/l	82
77) Bromobenzene	11.26	156	197384	48.914	ug/l	79
78) n-propylbenzene	11.36	91	769205	47.085	ug/l	94
79) 2-Chlorotoluene	11.42	91	455813	46.456	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	572630	46.331	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	81151	42.642	ug/l	85
82) 4-Chlorotoluene	11.51	91	522757	46.902	ug/l	91
83) tert-Butylbenzene	11.77	119	591364	47.272	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	589791	47.242	ug/l	97
85) sec-Butylbenzene	11.94	105	682905	46.857	ug/l	95
86) p-Isopropyltoluene	12.06	119	627606	47.105	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	342323	48.161	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	364139	50.820	ug/l	98
89) n-Butylbenzene	12.38	91	538171	46.925	ug/l	98
90) Hexachloroethane	12.60	117	120108	45.253	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	340079	49.214	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51245	43.353	ug/l	63
93) 1,2,4-Trichlorobenzene	13.65	180	239808	47.410	ug/l	99

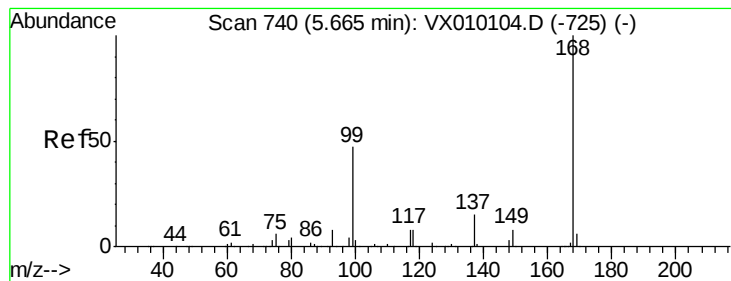
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
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Acq On : 12 Jun 2019 20:28
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Quant Time: Jun 13 01:30:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	108829	48.378	ug/l	99
95) Naphthalene	13.83	128	772209	48.497	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	238365	47.661	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

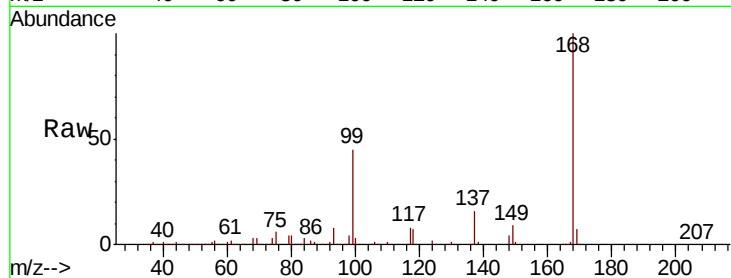
SS043MW010-190611MSD

Tot Ion:168 Resp: 288325

Ion Ratio Lower Upper

168 100

99 44.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

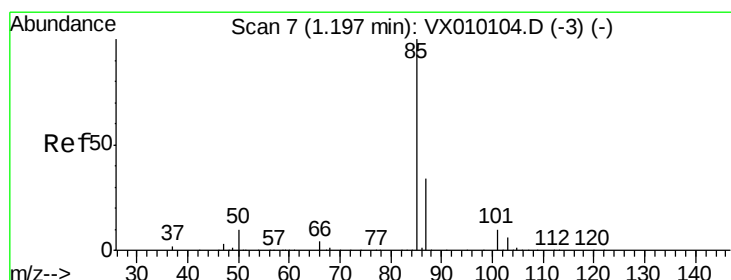
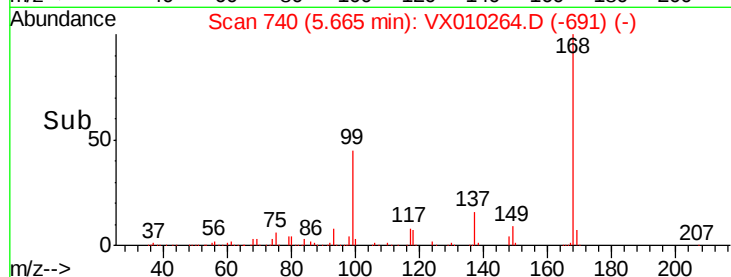
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.049 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010264.D

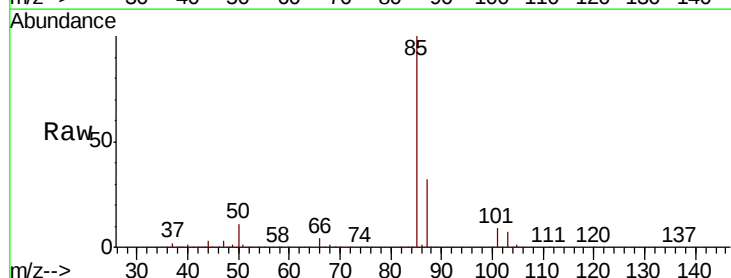
Acq: 12 Jun 2019 20:28

Tgt Ion: 85 Resp: 132780

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

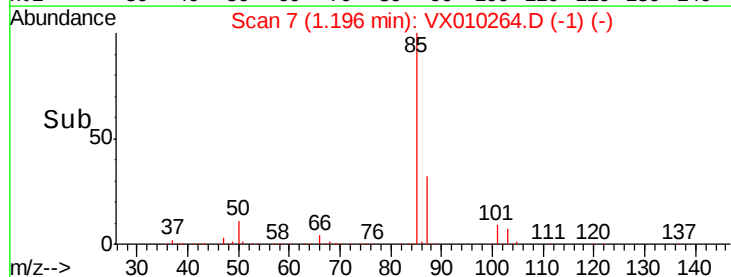
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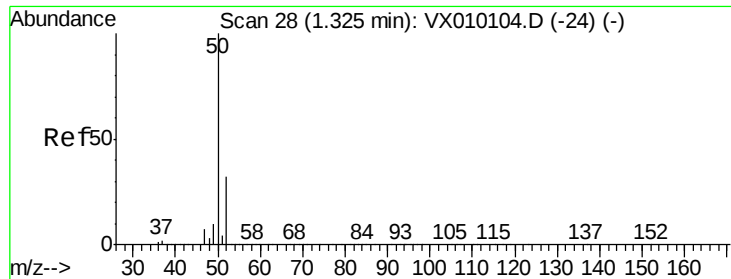
100000

50000

0

Time-->





#3

Chloromethane

Concen: 49.786 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

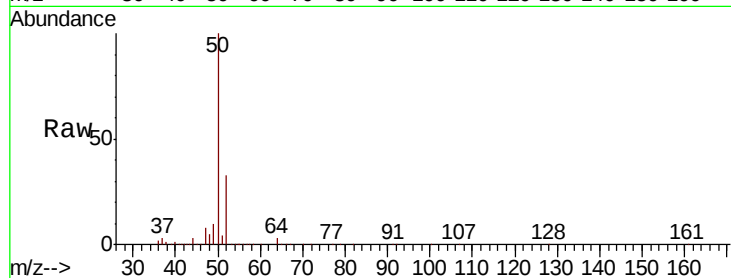
SS043MW010-190611MSD

Tot Ion: 50 Resp: 131173

Ion Ratio Lower Upper

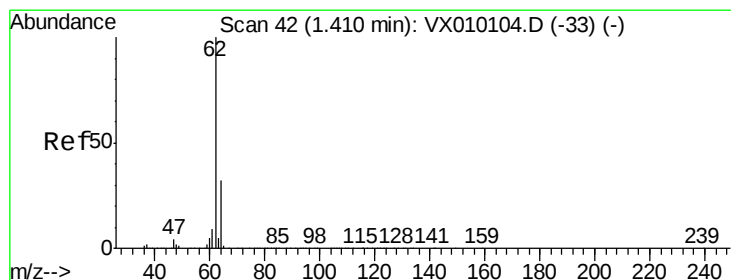
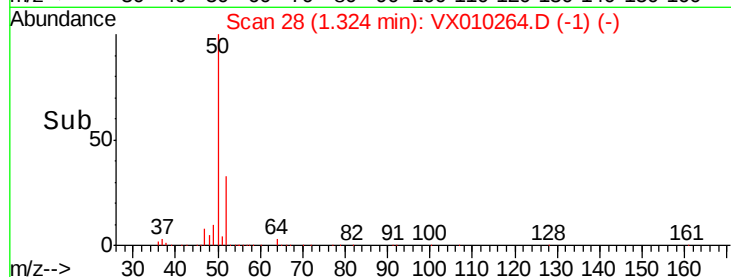
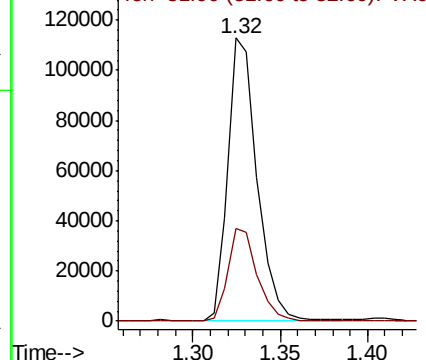
50 100

52 32.8 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 59.927 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010264.D

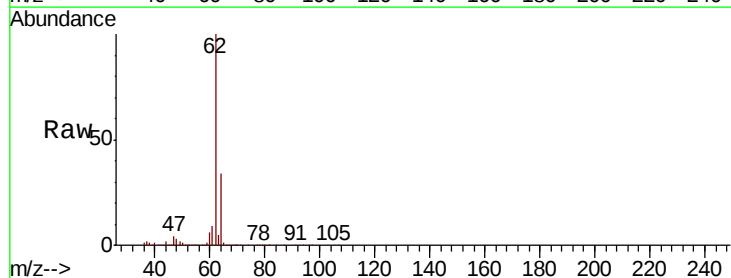
Acq: 12 Jun 2019 20:28

Tgt Ion: 62 Resp: 148395

Ion Ratio Lower Upper

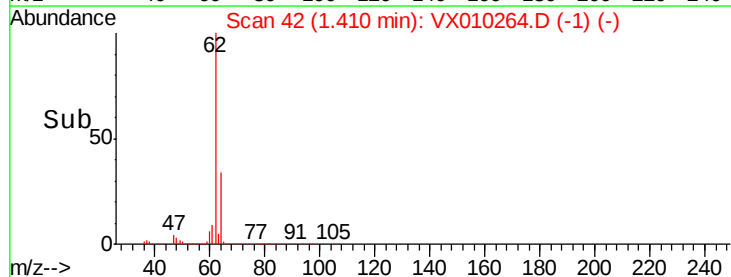
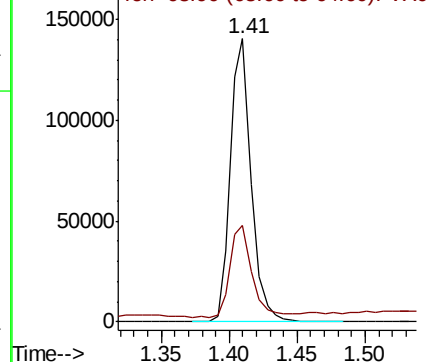
62 100

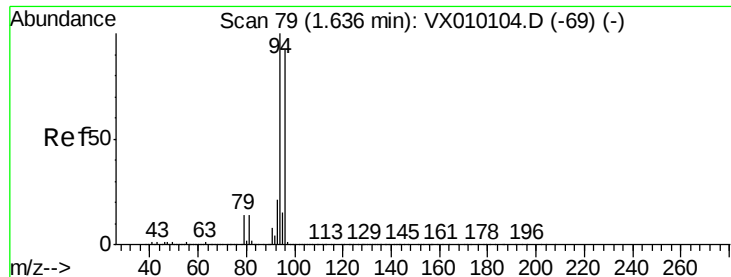
64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 59.145 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

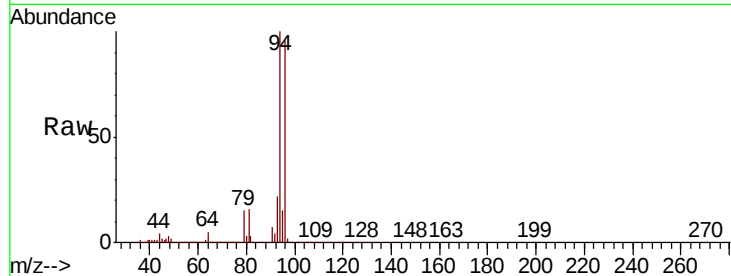
SS043MW010-190611MSD

Tot Ion: 94 Resp: 55268

Ion Ratio Lower Upper

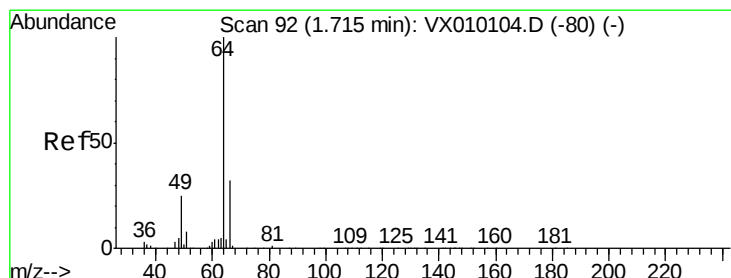
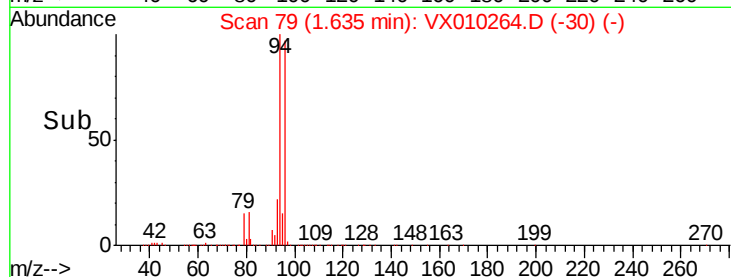
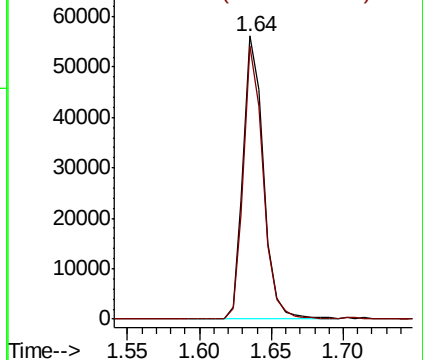
94 100

96 96.3 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 64.983 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010264.D

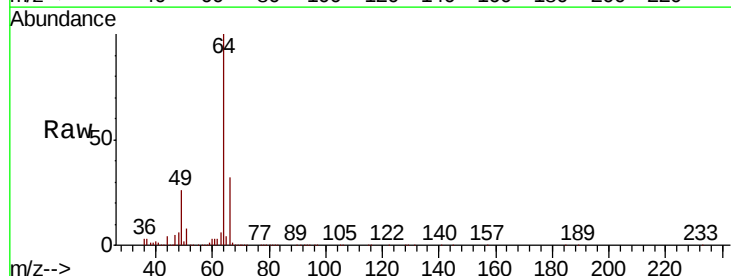
Acq: 12 Jun 2019 20:28

Tgt Ion: 64 Resp: 81131

Ion Ratio Lower Upper

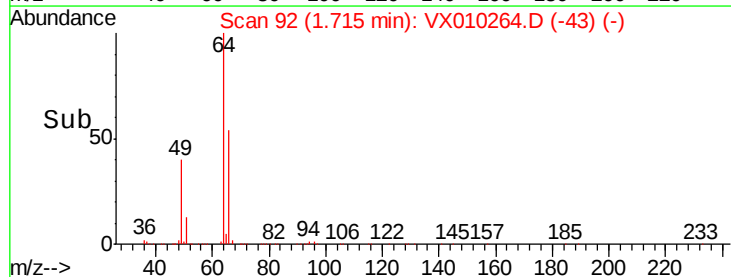
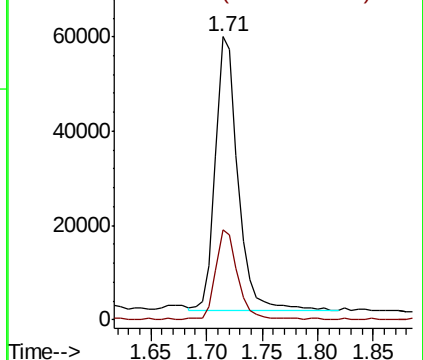
64 100

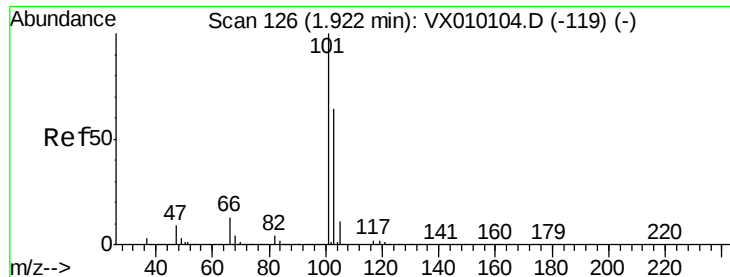
66 32.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



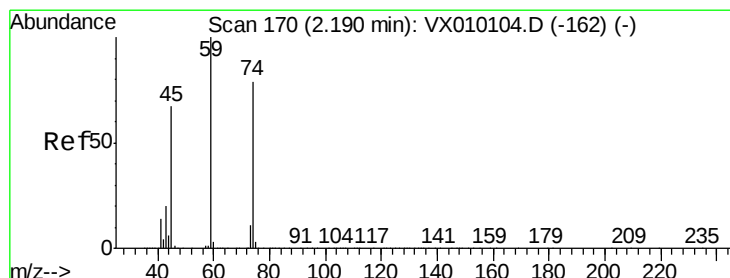
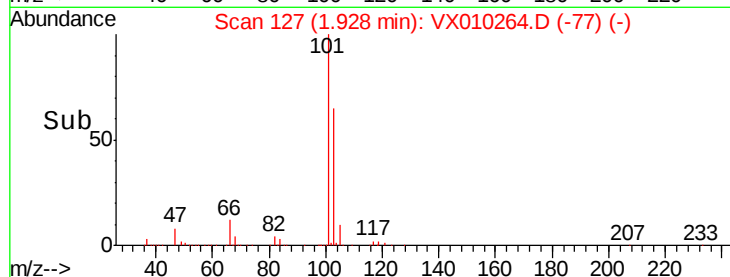
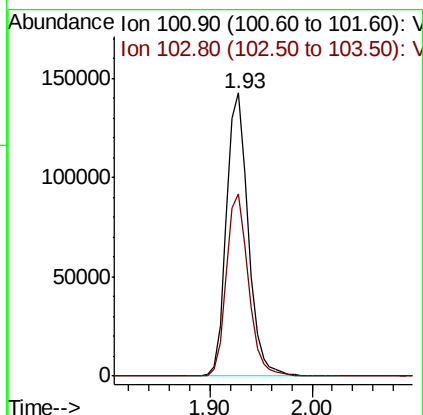
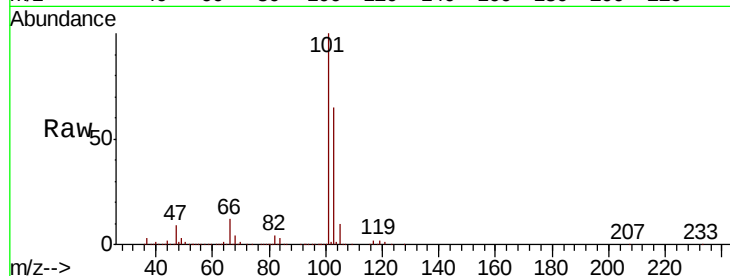


#7

Trichlorofluoromethane
Concen: 57.270 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Instrument :
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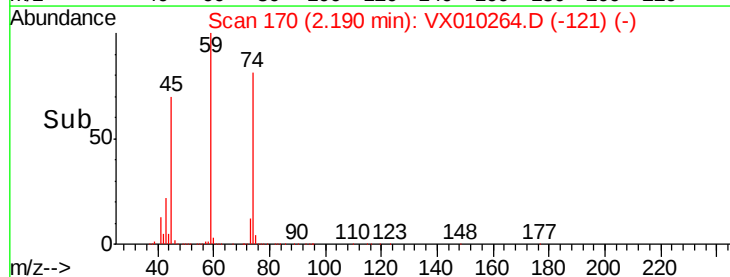
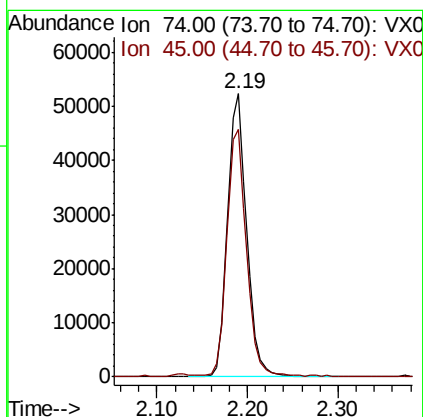
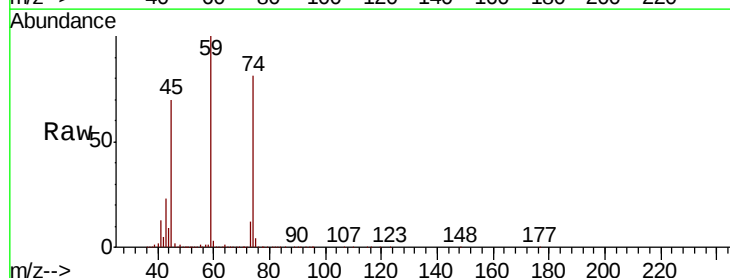
Tot Ion:101 Resp: 210660
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4

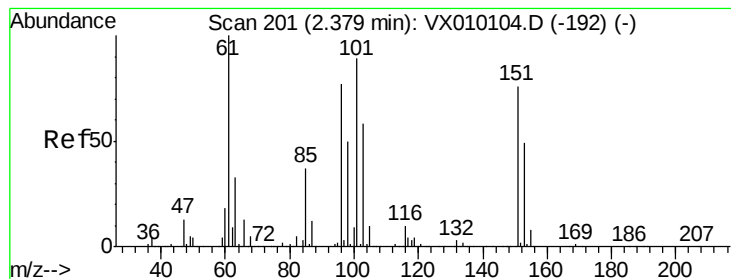


#8

Diethyl Ether
Concen: 60.517 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion: 74 Resp: 76723
Ion Ratio Lower Upper
74 100
45 87.7 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.451 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

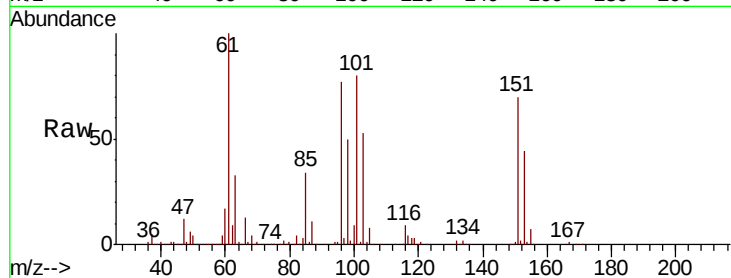
Tot Ion:101 Resp: 117778

Ion Ratio Lower Upper

101 100

85 41.5 35.2 52.8

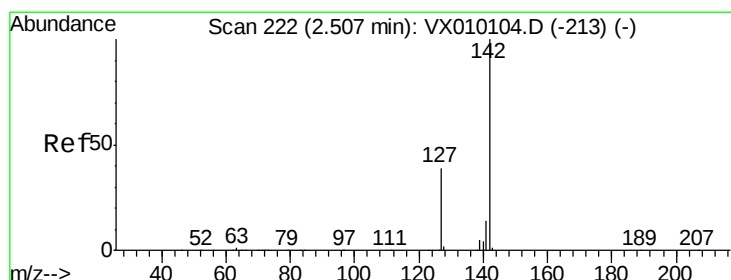
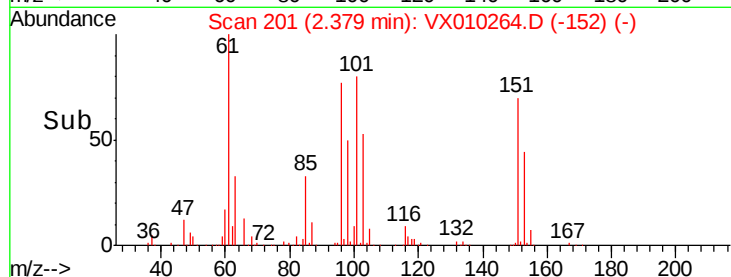
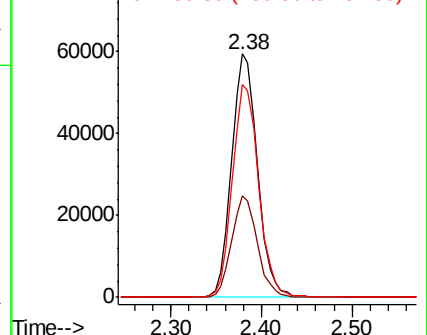
151 88.1 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.367 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

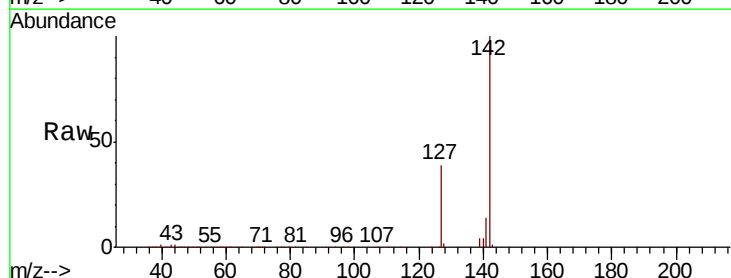
Tgt Ion:142 Resp: 182152

Ion Ratio Lower Upper

142 100

127 39.3 33.0 49.4

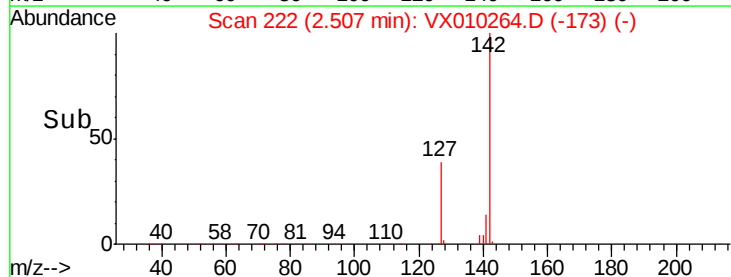
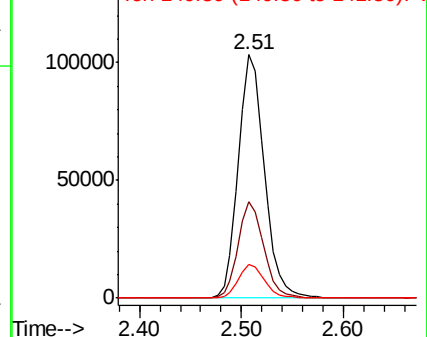
141 14.0 11.4 17.0

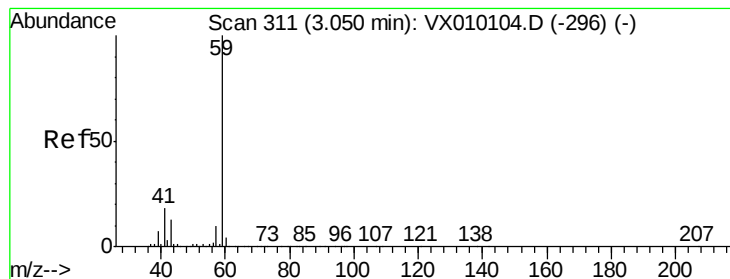


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



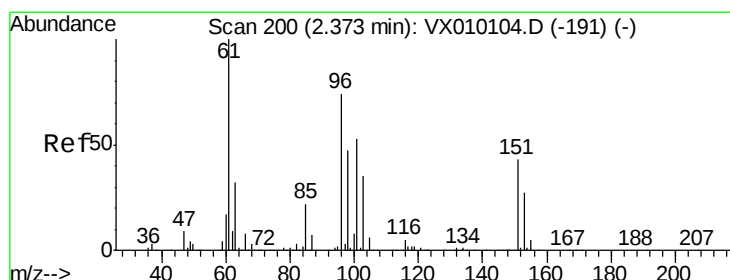
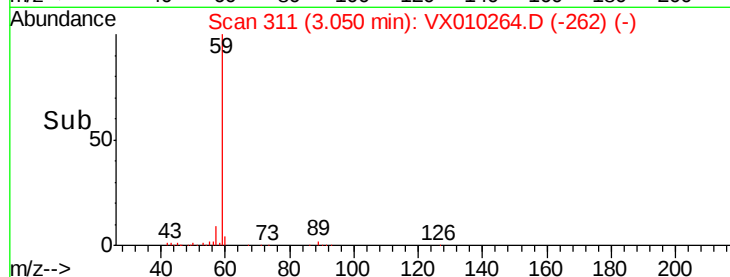
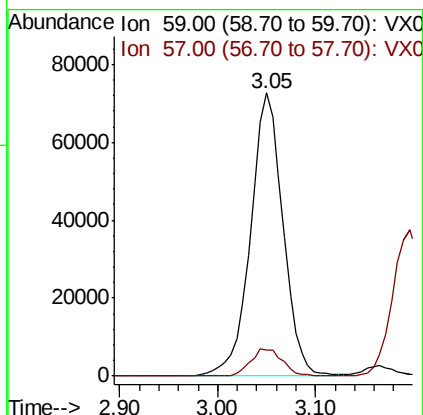
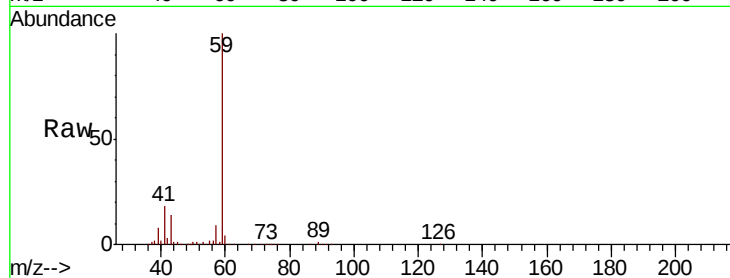


#11

Tert butyl alcohol
Concen: 242.476 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

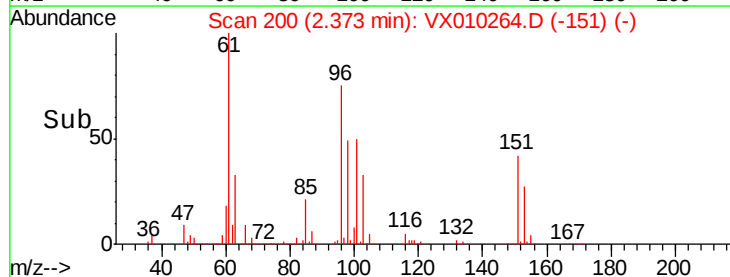
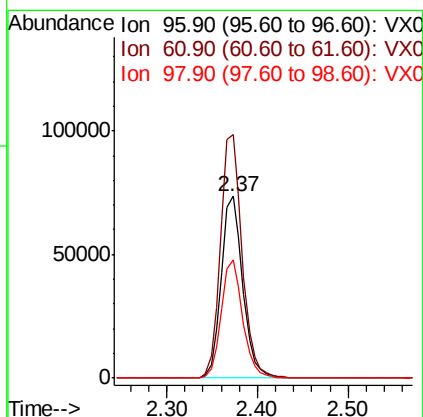
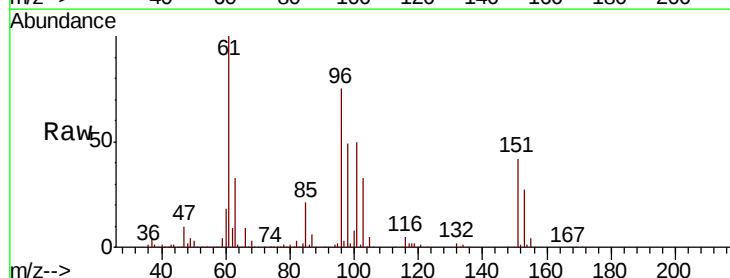
Tot Ion: 59 Resp: 167174
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

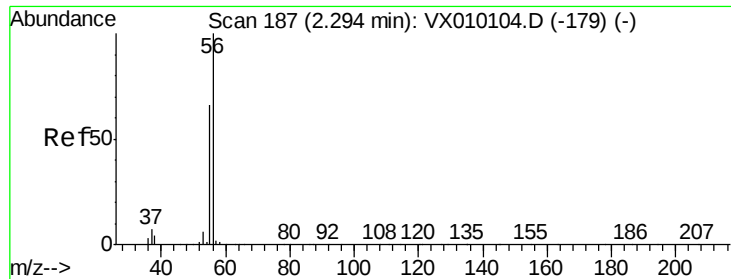


#12

1,1-Dichloroethene
Concen: 47.028 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion: 96 Resp: 121792
Ion Ratio Lower Upper
96 100
61 133.9 140.7 211.1#
98 65.2 50.1 75.1





#13

Acrolein

Concen: 278.307 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

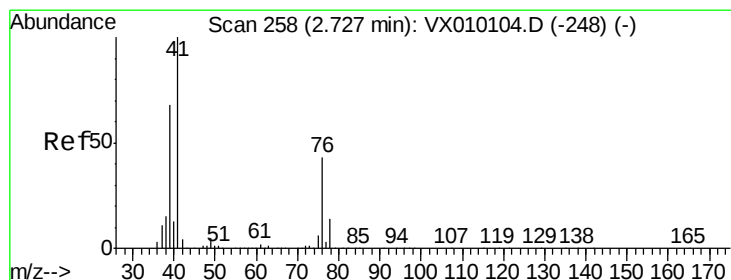
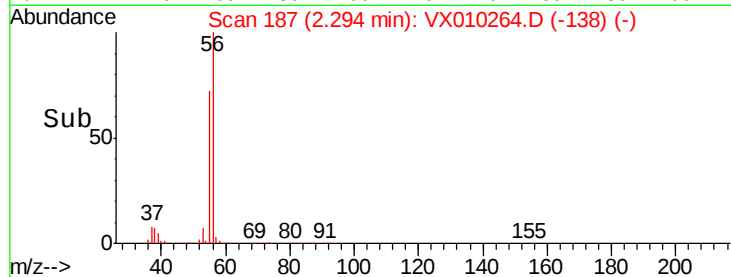
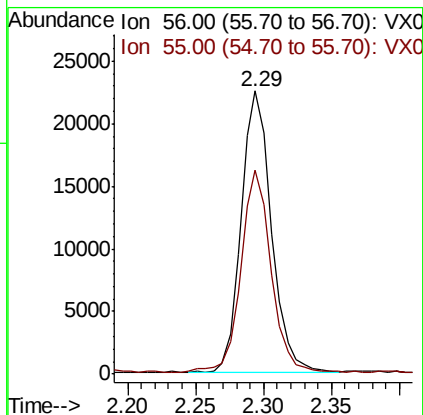
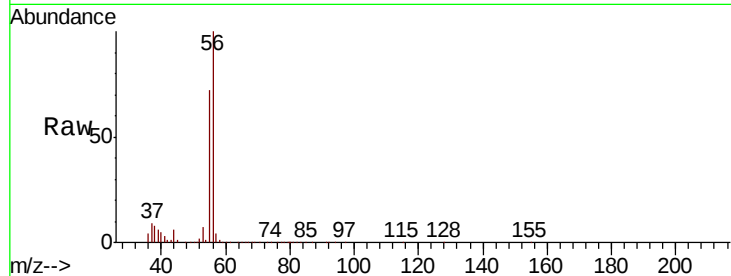
SS043MW010-190611MSD

Tot Ion: 56 Resp: 34987

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 45.852 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

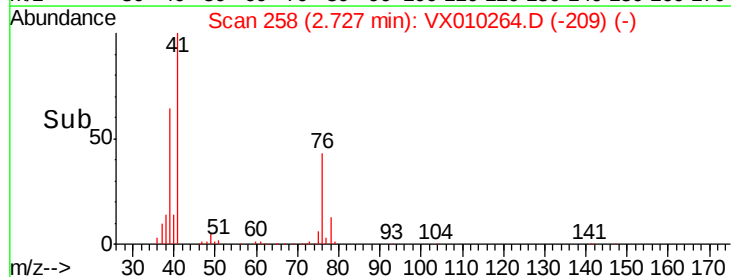
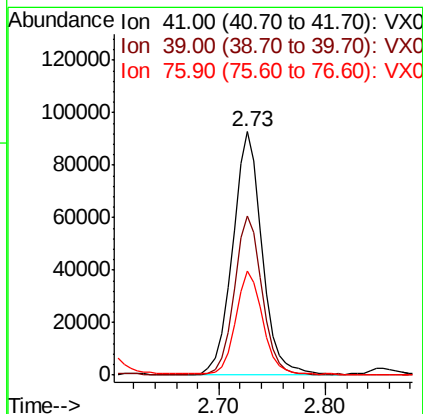
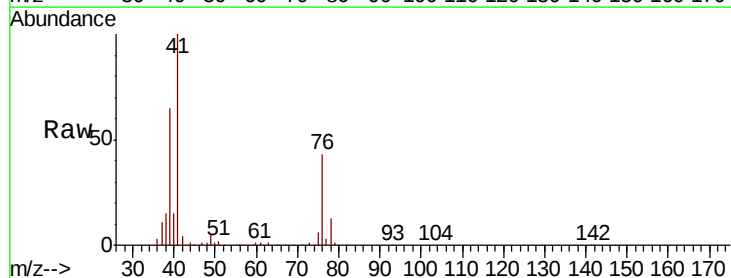
Tgt Ion: 41 Resp: 179245

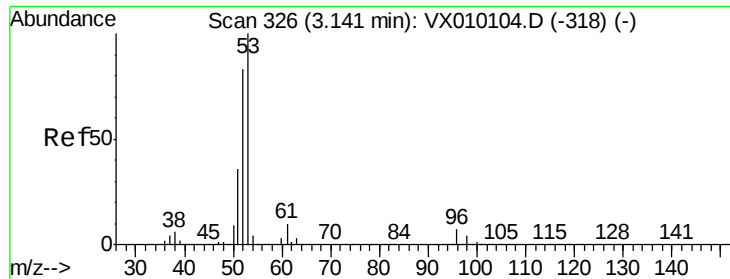
Ion Ratio Lower Upper

41 100

39 61.5 46.7 70.1

76 39.5 21.0 31.4#





#15

Acrylonitrile

Concen: 256.478 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

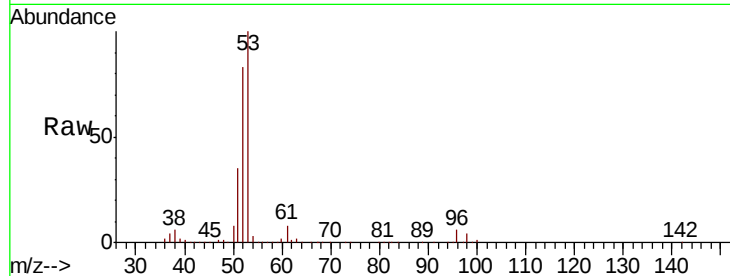
Tot Ion: 53 Resp: 361432

Ion Ratio Lower Upper

53 100

52 81.6 66.7 100.1

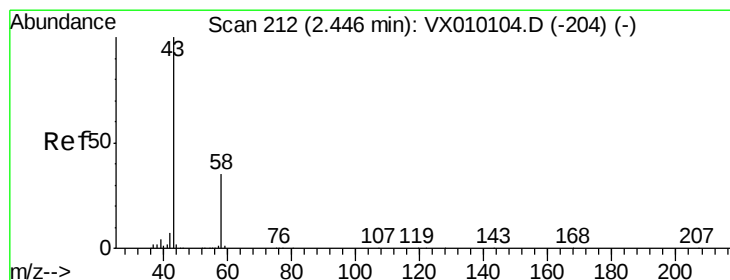
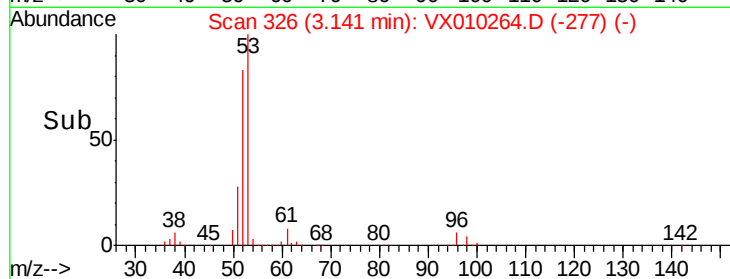
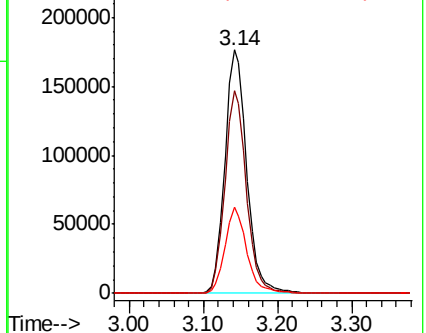
51 34.9 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 208.896 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010264.D

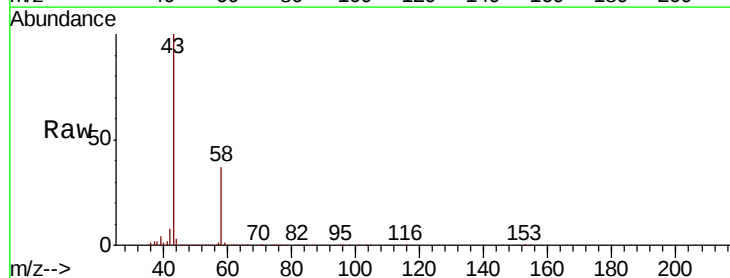
Acq: 12 Jun 2019 20:28

Tgt Ion: 43 Resp: 276520

Ion Ratio Lower Upper

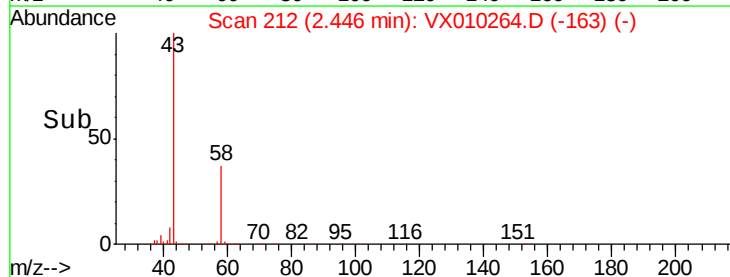
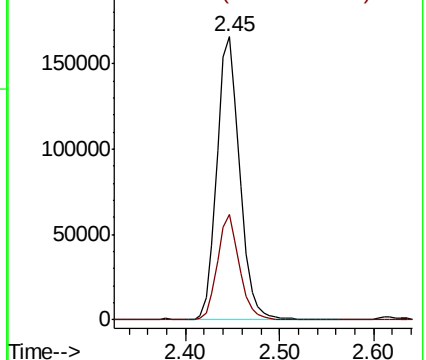
43 100

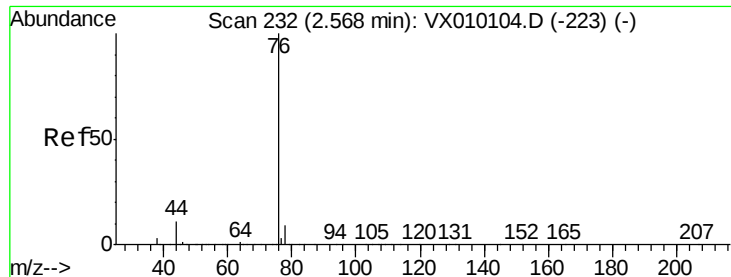
58 37.2 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.402 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

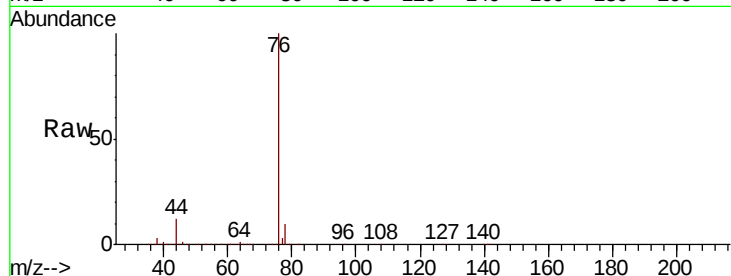
SS043MW010-190611MSD

Tot Ion: 76 Resp: 324779

Ion Ratio Lower Upper

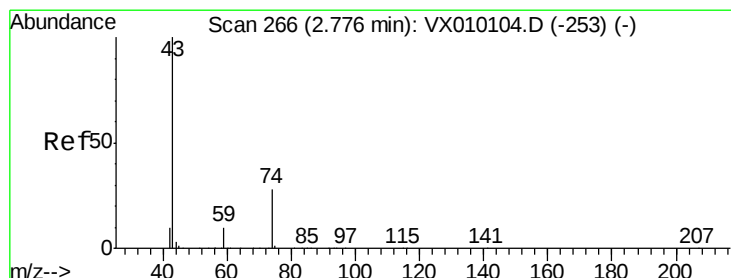
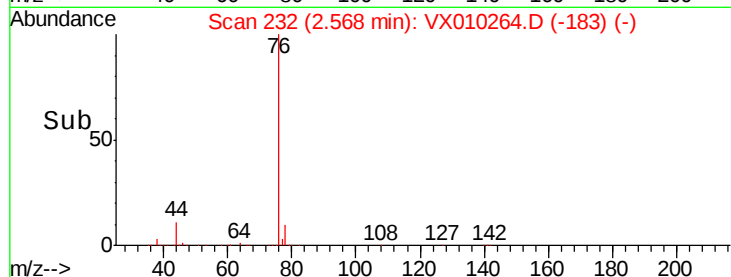
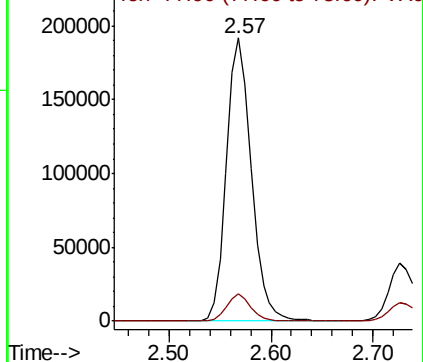
76 100

78 9.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.436 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010264.D

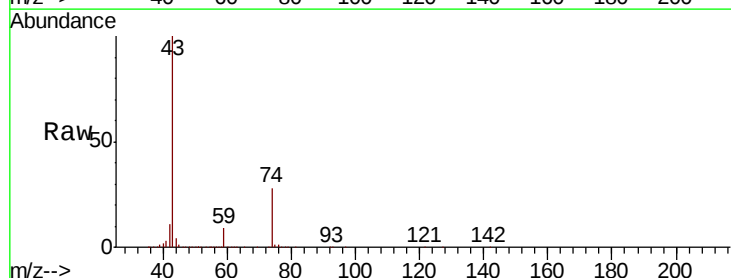
Acq: 12 Jun 2019 20:28

Tgt Ion: 43 Resp: 146825

Ion Ratio Lower Upper

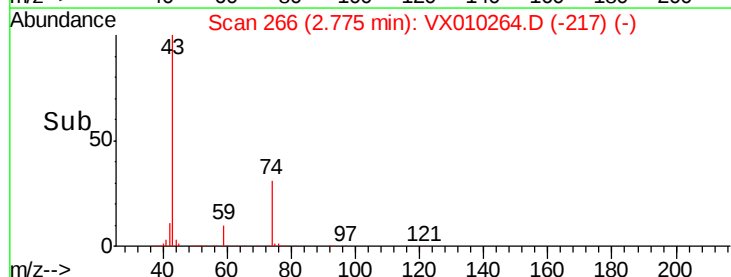
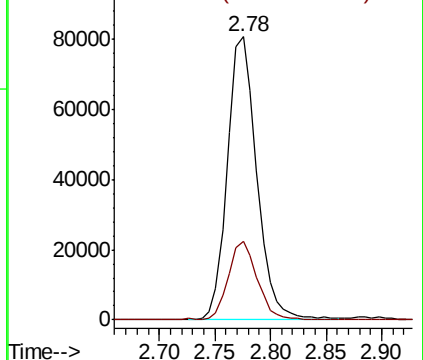
43 100

74 28.1 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

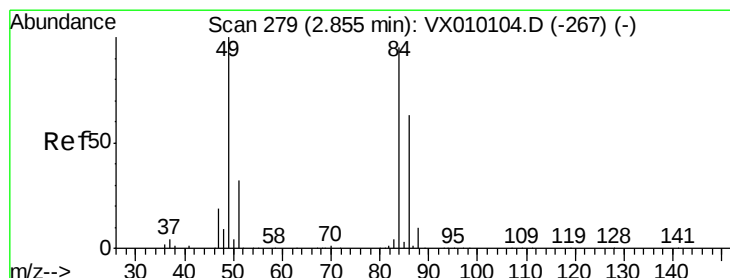
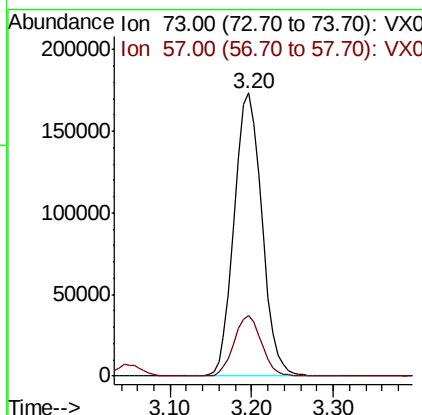
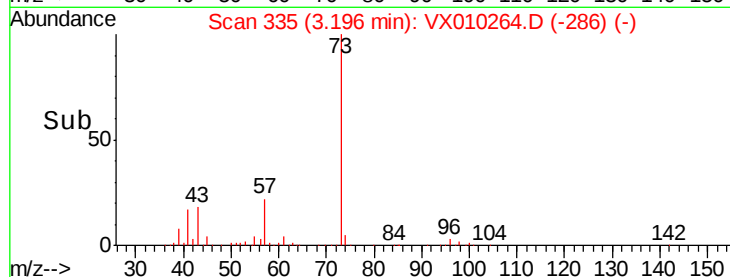
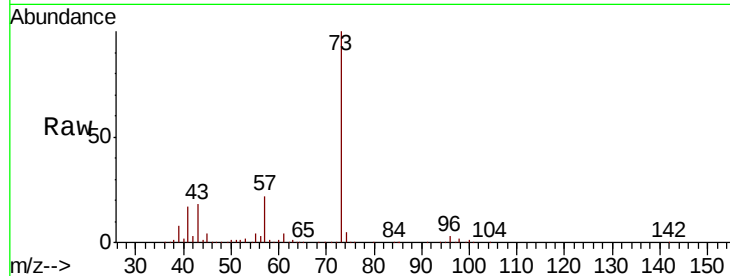




#19
Methyl tert-butyl Ether
Concen: 48.911 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

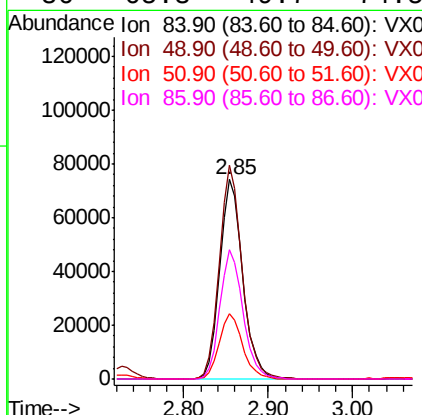
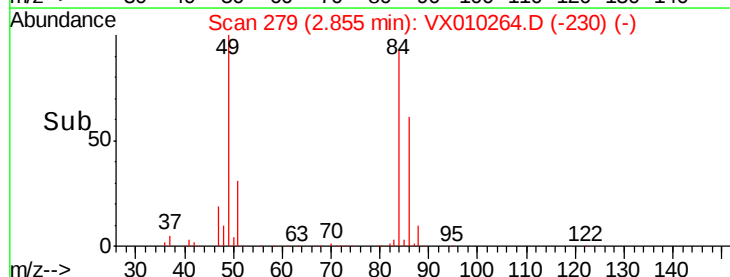
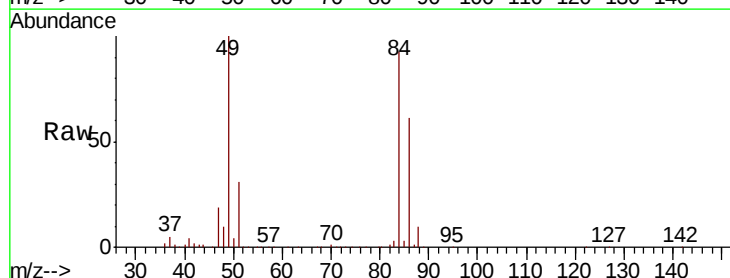
Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

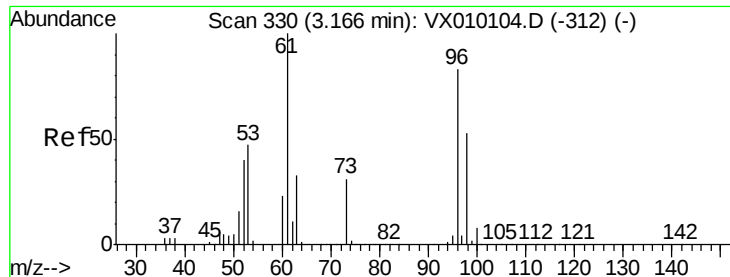
Tot Ion: 73 Resp: 406947
Ion Ratio Lower Upper
73 100
57 21.5 19.4 29.2



#20
Methylene Chloride
Concen: 48.162 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion: 84 Resp: 140010
Ion Ratio Lower Upper
84 100
49 107.1 115.8 173.6#
51 32.8 34.4 51.6#
86 65.3 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 46.569 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

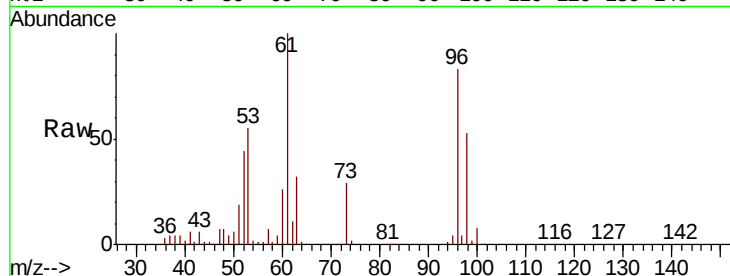
Tot Ion: 96 Resp: 133467

Ion Ratio Lower Upper

96 100

61 120.0 125.7 188.5#

98 64.0 49.0 73.6

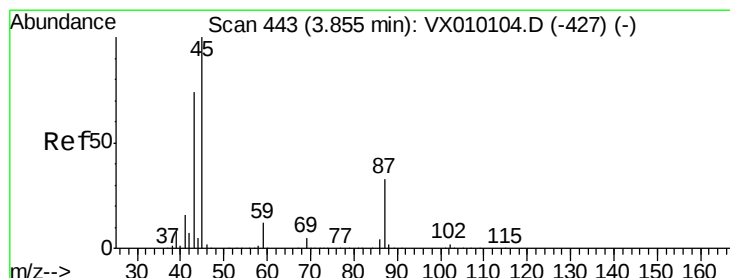
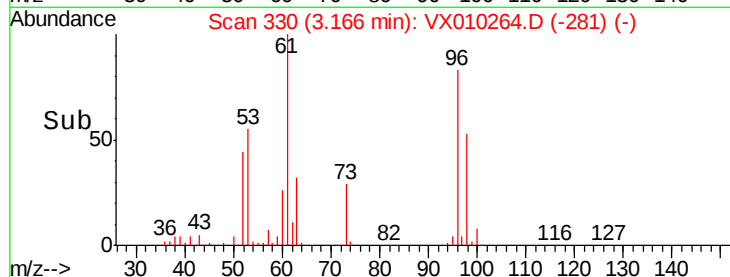
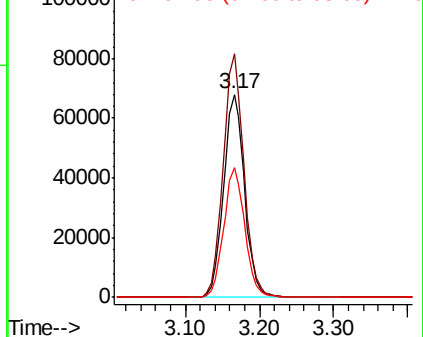


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.673 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Tgt Ion: 45 Resp: 378738

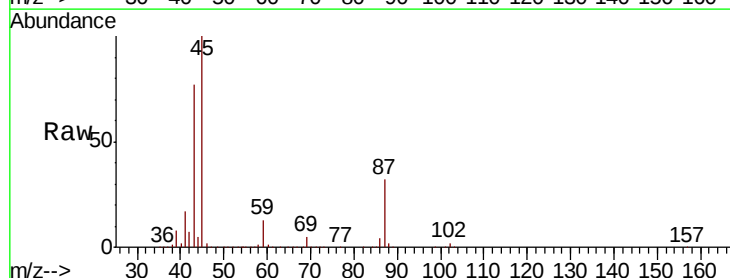
Ion Ratio Lower Upper

45 100

43 77.4 65.0 97.4

87 31.8 17.3 25.9#

59 12.6 8.1 12.1#



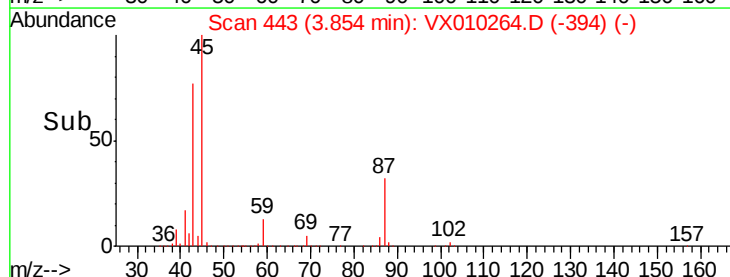
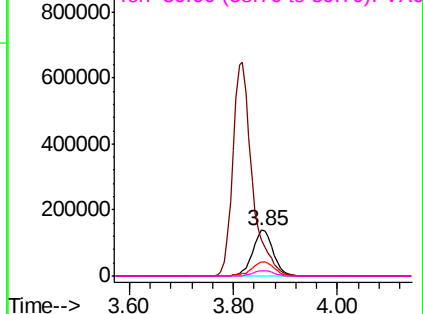
Abundance

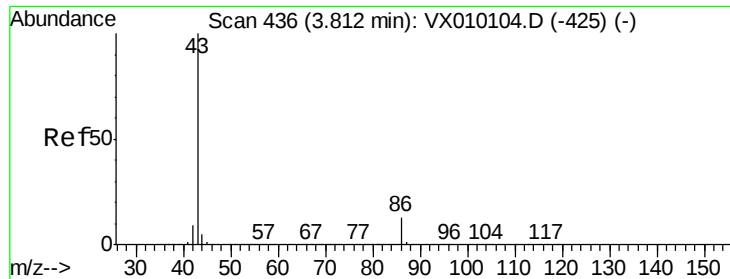
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 252.485 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

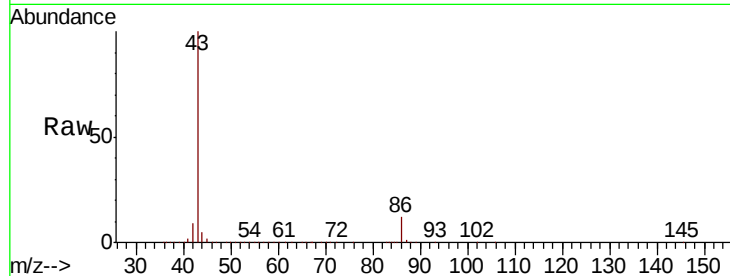
SS043MW010-190611MSD

Tot Ion: 43 Resp: 1683513

Ion Ratio Lower Upper

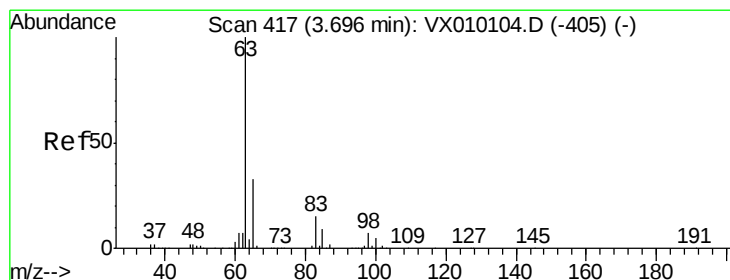
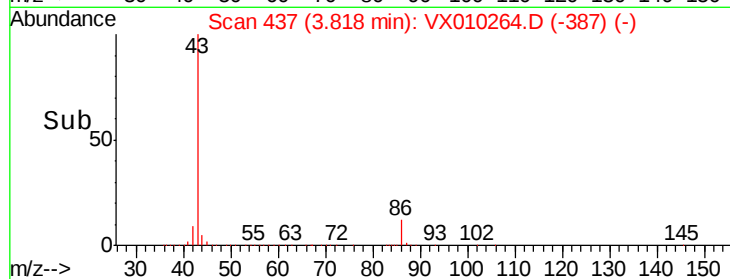
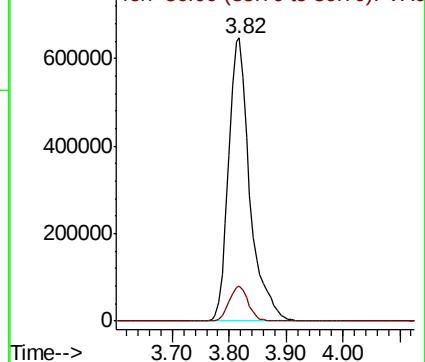
43 100

86 12.5 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.189 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

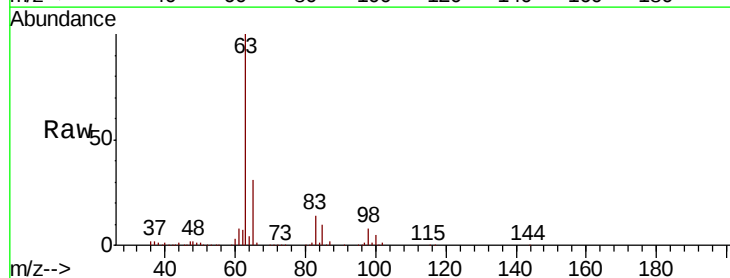
Tgt Ion: 63 Resp: 218681

Ion Ratio Lower Upper

63 100

98 8.3 2.9 8.8

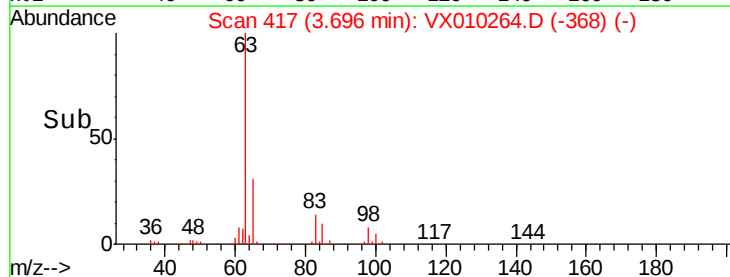
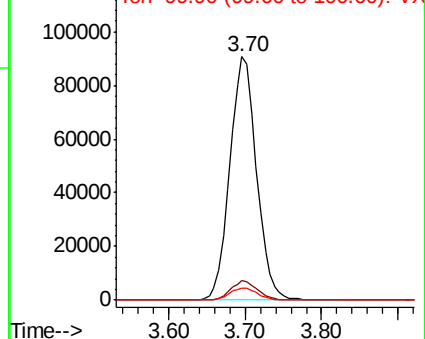
100 4.7 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.819 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

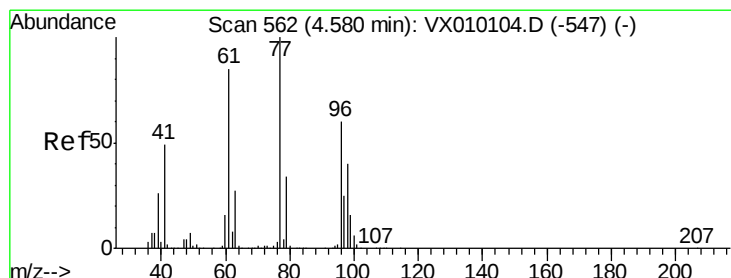
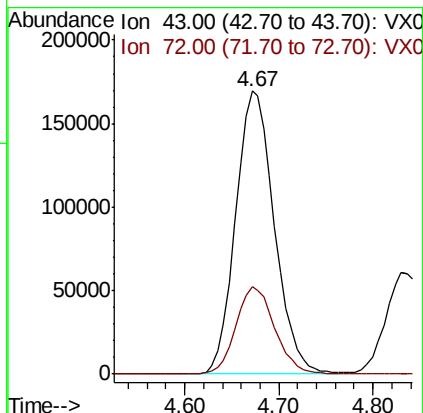
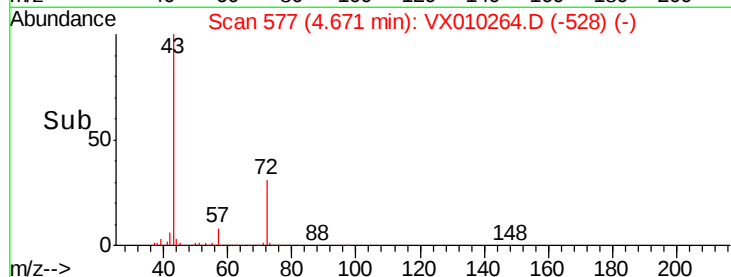
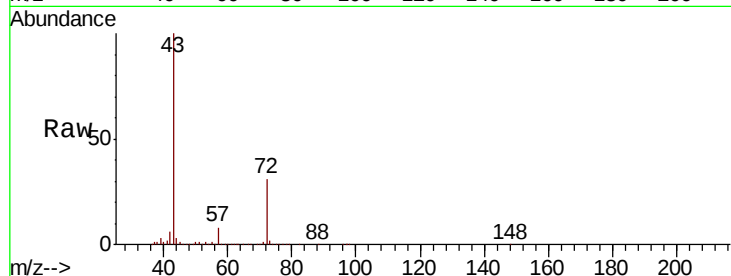
SS043MW010-190611MSD

Tot Ion: 43 Resp: 484542

Ion Ratio Lower Upper

43 100

72 30.7 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 38.243 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010264.D

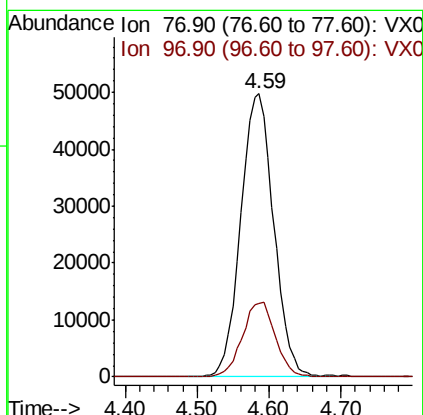
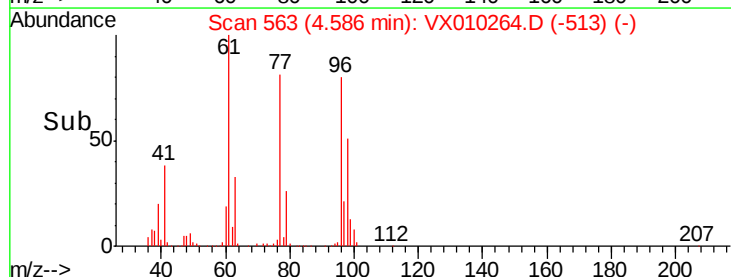
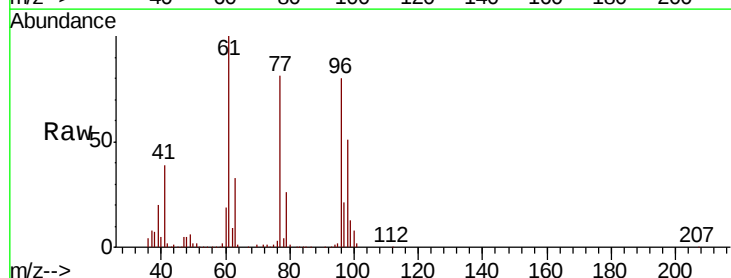
Acq: 12 Jun 2019 20:28

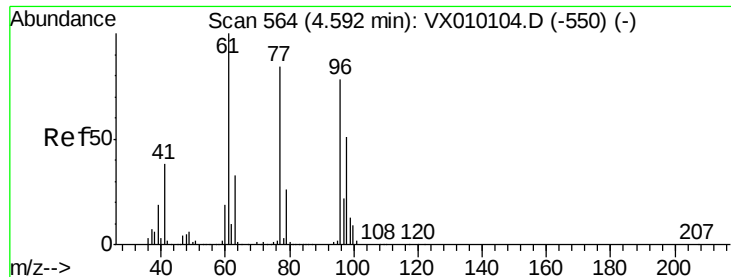
Tgt Ion: 77 Resp: 158323

Ion Ratio Lower Upper

77 100

97 26.6 11.4 34.2



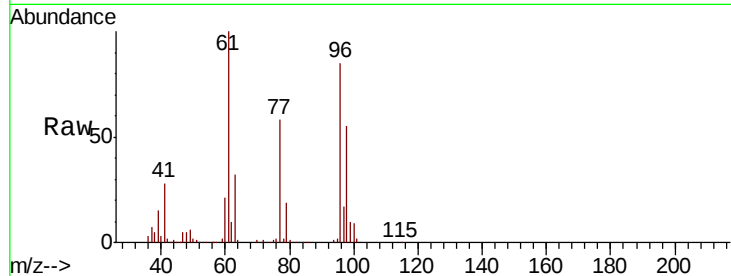


#27

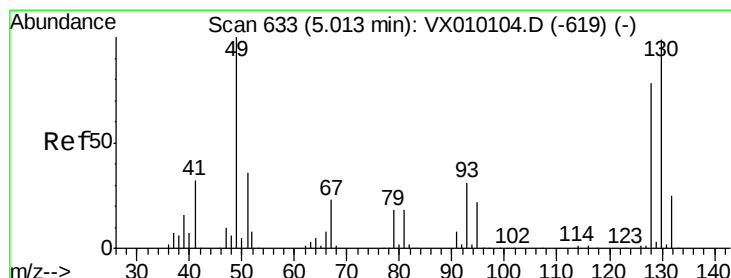
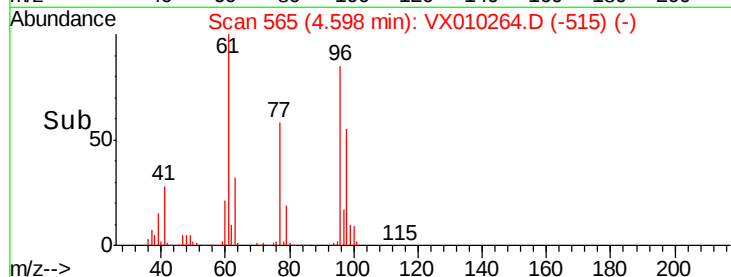
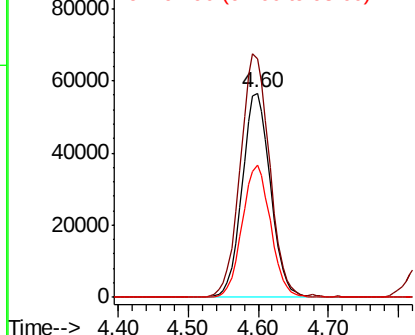
cis-1,2-Dichloroethene
Concen: 49.954 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

Tot Ion: 96 Resp: 159272
Ion Ratio Lower Upper
96 100
61 123.4 0.0 334.0
98 64.8 0.0 131.6



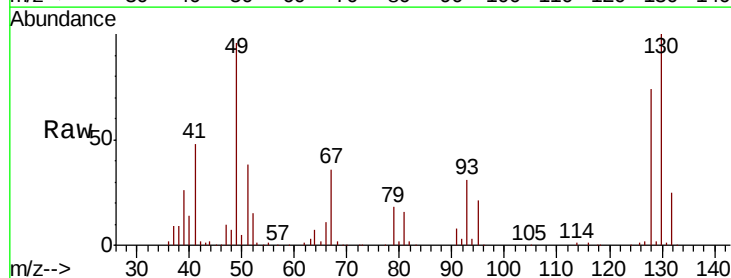
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



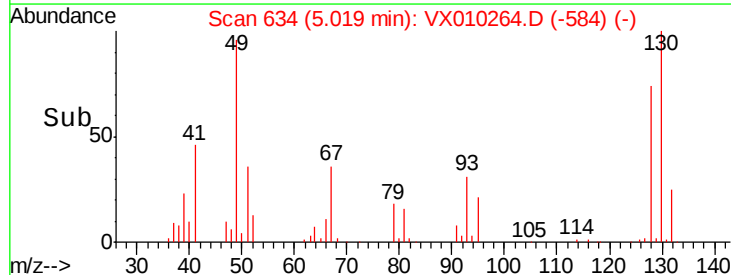
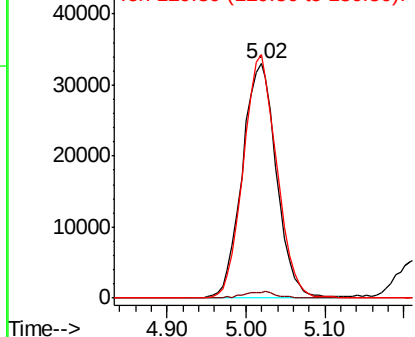
#28

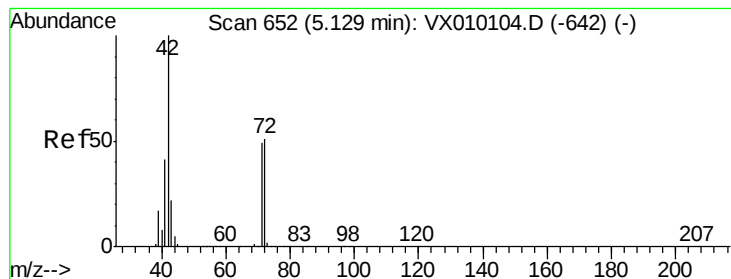
Bromochloromethane
Concen: 49.125 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion: 49 Resp: 99910
Ion Ratio Lower Upper
49 100
129 2.7 0.0 3.4
130 100.8 49.4 74.2#



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





#29

Tetrahydrofuran

Concen: 255.805 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

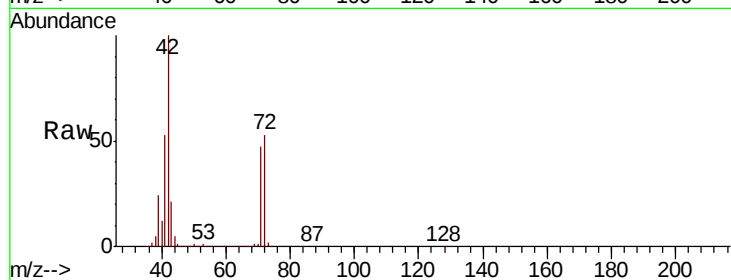
Tot Ion: 42 Resp: 316884

Ion Ratio Lower Upper

42 100

72 51.8 29.2 43.8#

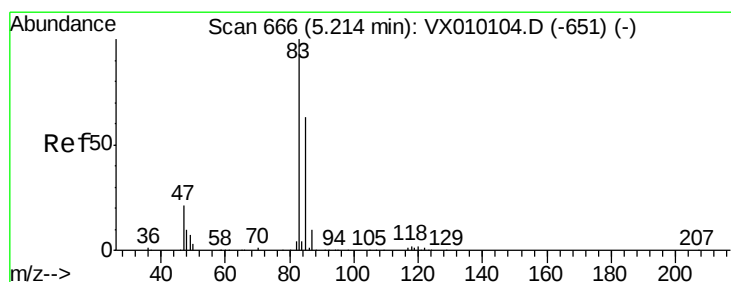
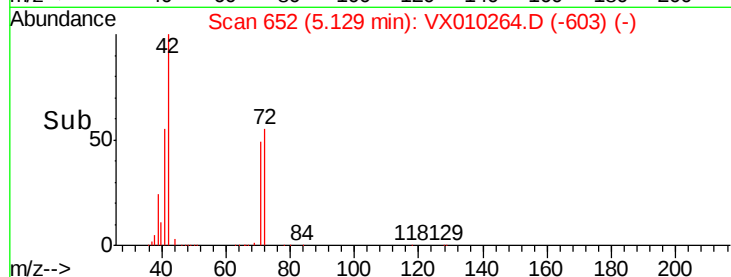
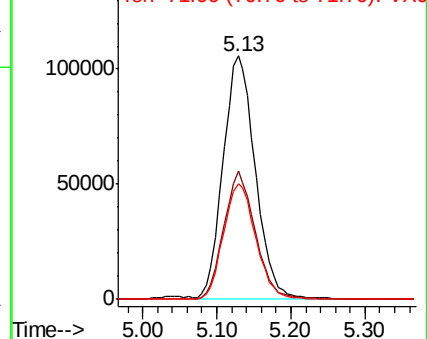
71 48.2 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.227 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX010264.D

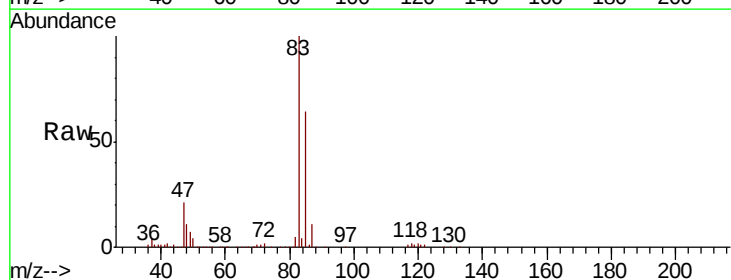
Acq: 12 Jun 2019 20:28

Tgt Ion: 83 Resp: 232003

Ion Ratio Lower Upper

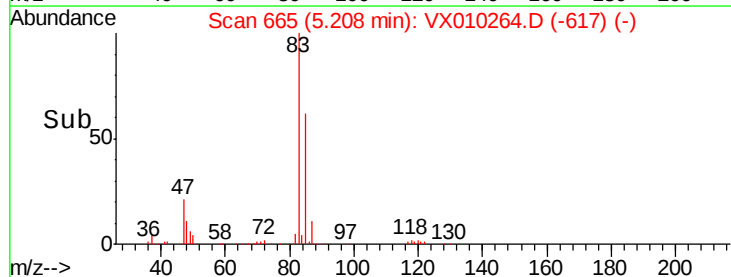
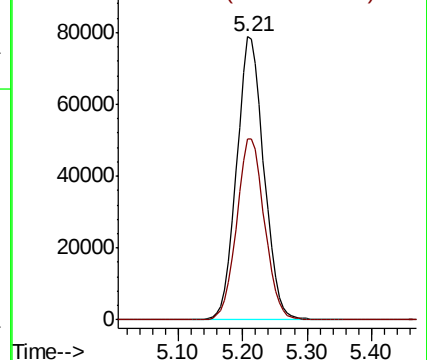
83 100

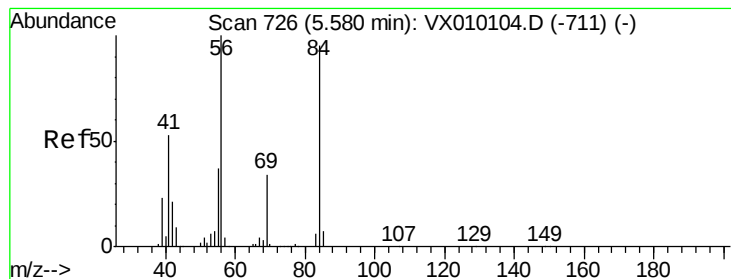
85 63.9 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 46.977 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

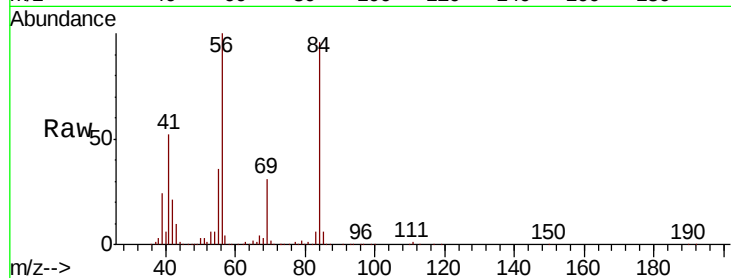
Tot Ion: 56 Resp: 192399

Ion Ratio Lower Upper

56 100

69 30.8 21.6 32.4

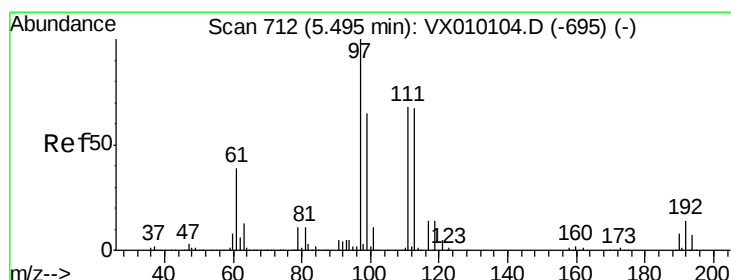
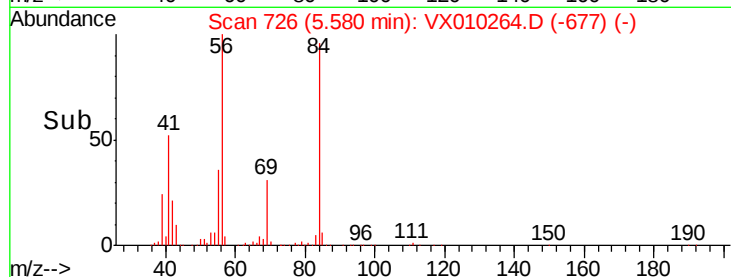
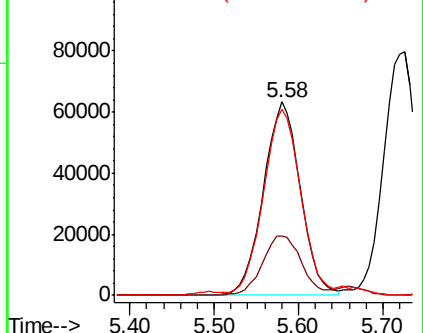
84 95.4 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.483 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

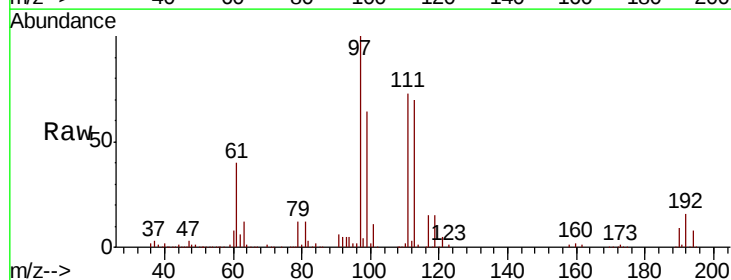
Tgt Ion: 97 Resp: 205946

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

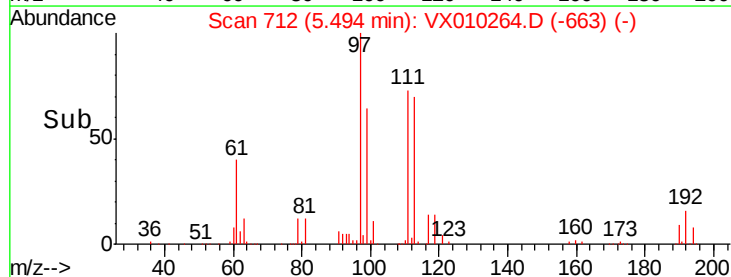
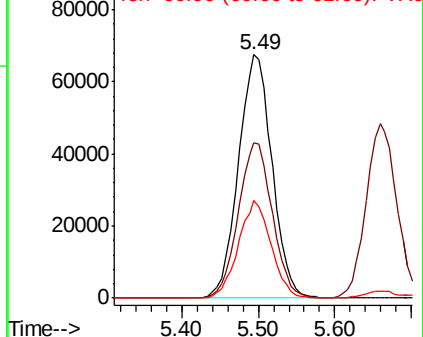
61 39.1 38.7 58.1

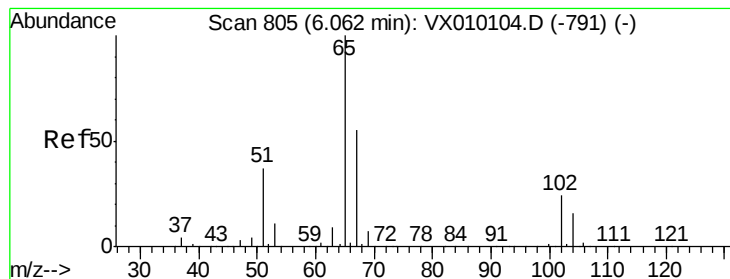


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.587 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

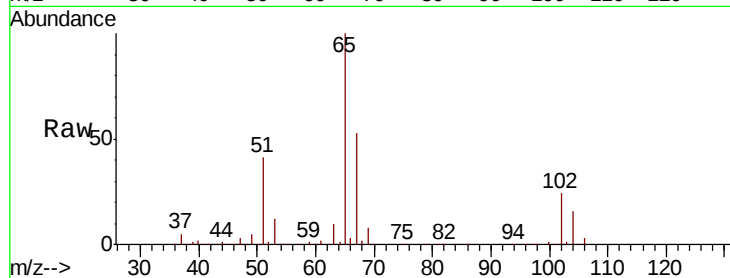
SS043MW010-190611MSD

Tot Ion: 65 Resp: 142371

Ion Ratio Lower Upper

65 100

67 54.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

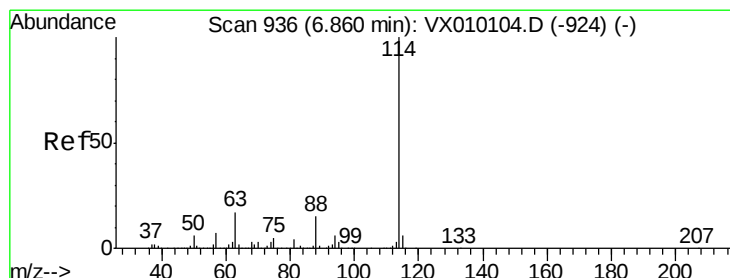
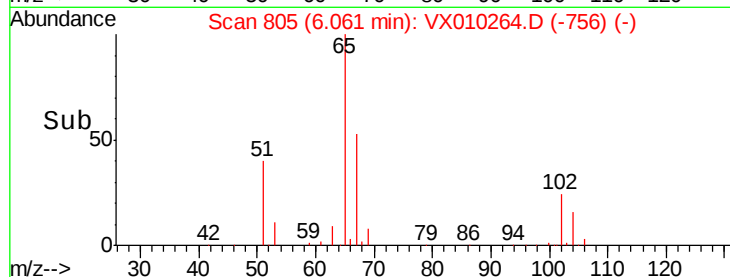
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

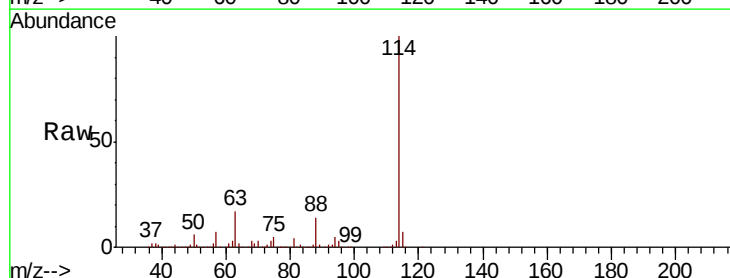
Tgt Ion: 114 Resp: 447328

Ion Ratio Lower Upper

114 100

63 17.2 0.0 47.4

88 14.1 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

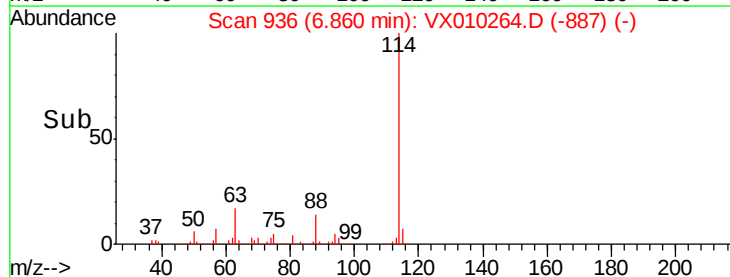
150000

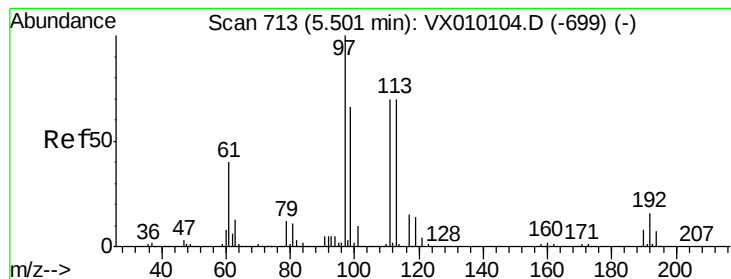
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 51.915 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

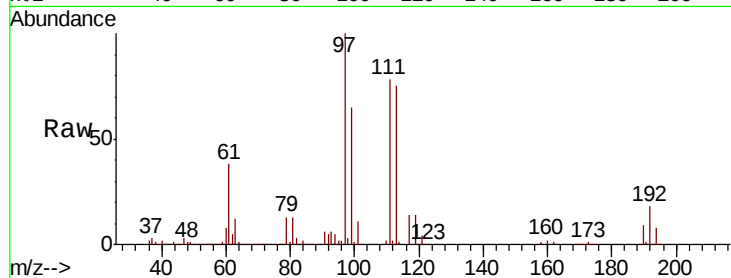
Tot Ion:113 Resp: 143246

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

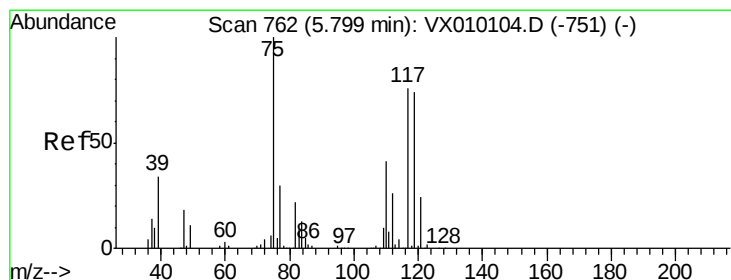
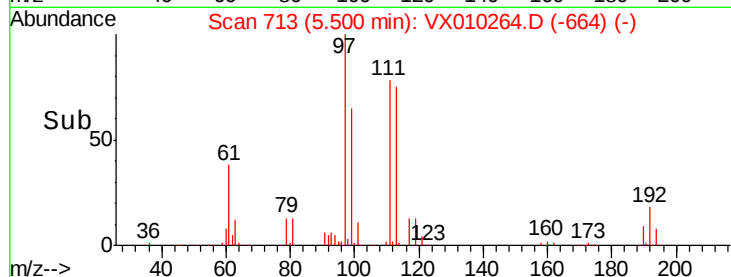
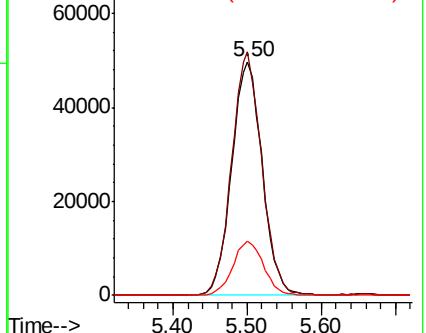
192 23.2 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.301 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

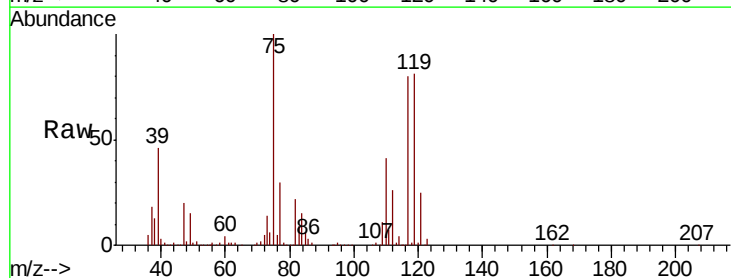
Tgt Ion: 75 Resp: 165326

Ion Ratio Lower Upper

75 100

110 42.2 16.7 50.1

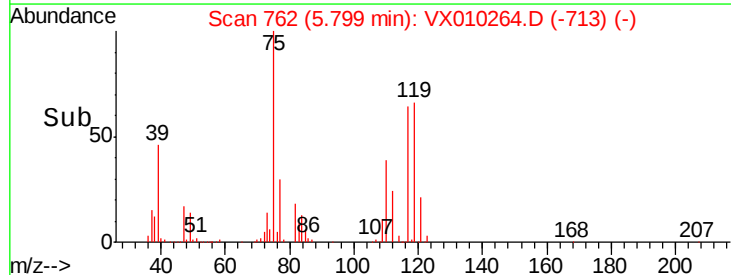
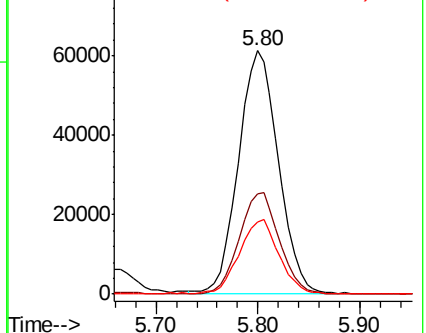
77 30.9 25.0 37.4

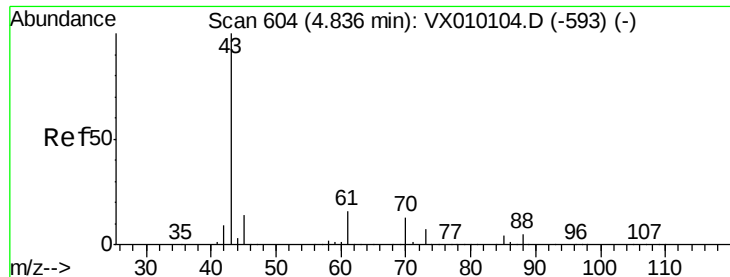


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.962 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

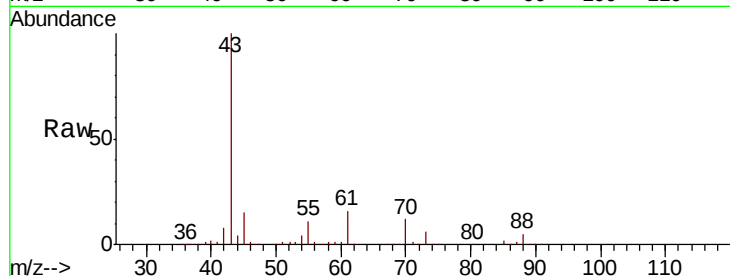
Tot Ion: 43 Resp: 182122

Ion Ratio Lower Upper

43 100

61 15.8 10.2 15.2#

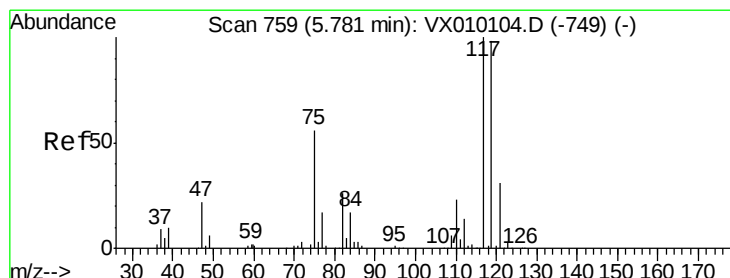
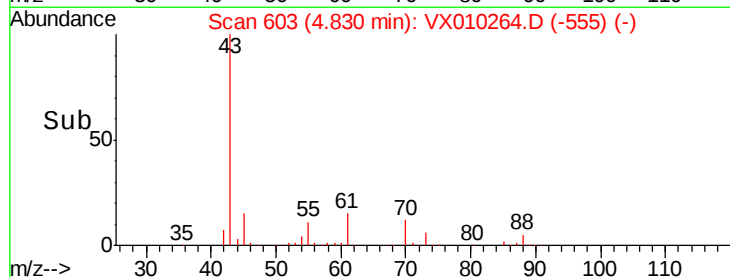
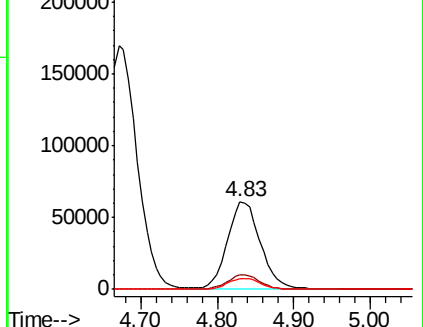
70 12.3 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 45.244 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

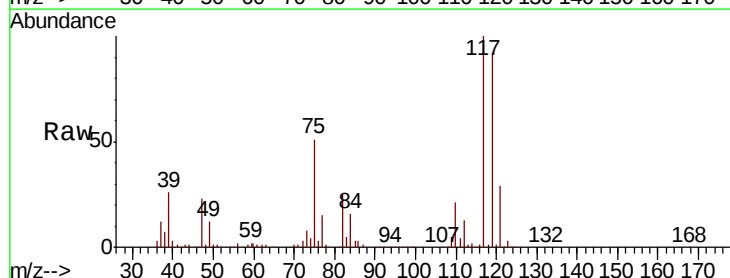
Tgt Ion: 117 Resp: 186893

Ion Ratio Lower Upper

117 100

119 92.4 77.3 115.9

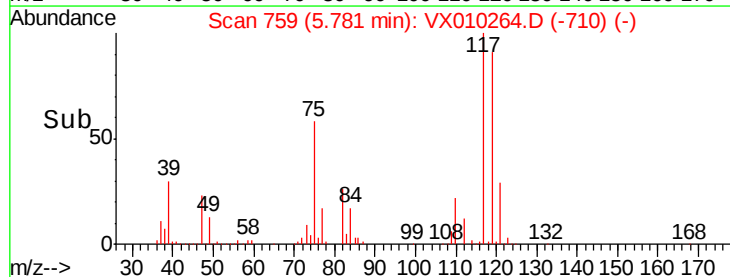
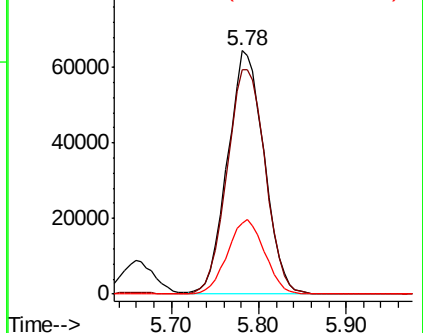
121 29.3 25.4 38.0

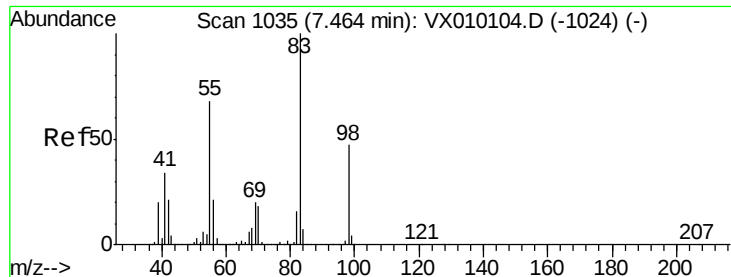


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

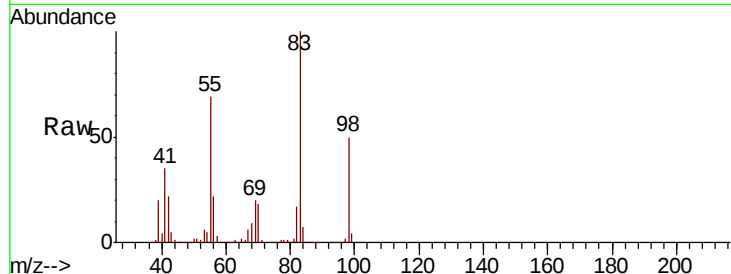




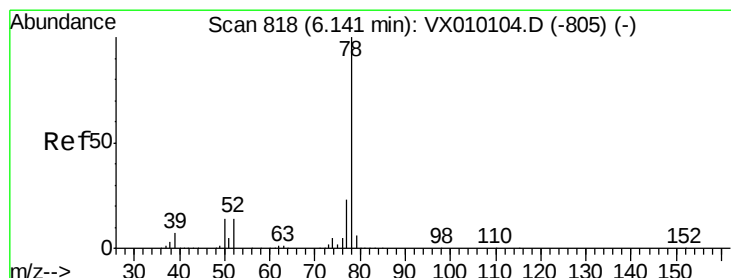
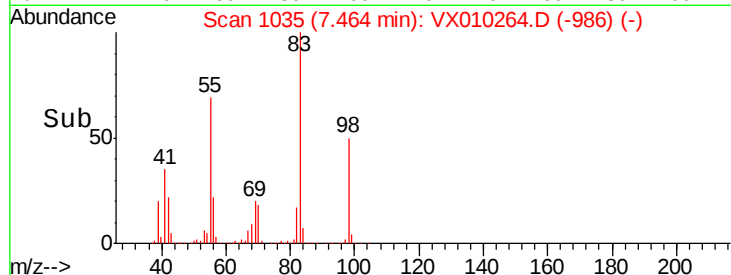
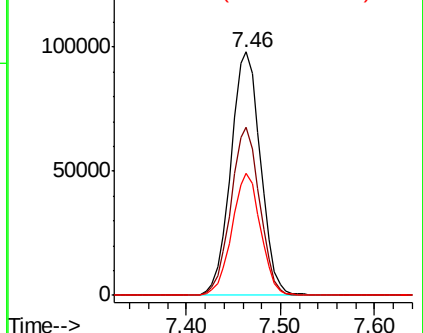
#39
Methvlcvclohexane
Concen: 43.220 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	83.00	Resp	214782
Ion Ratio	Lower	Upper	
83	100		
55	69.0	69.9	104.9#
98	49.9	35.1	52.7

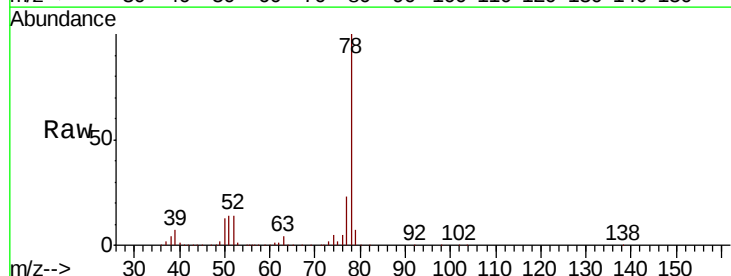


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

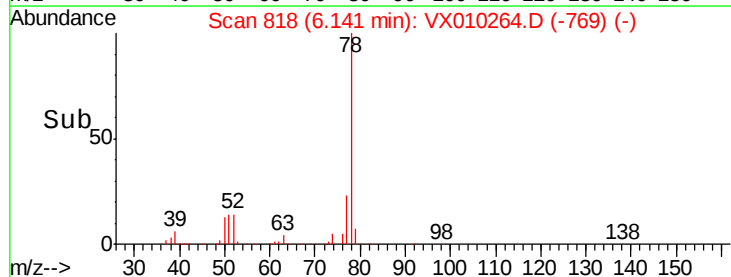
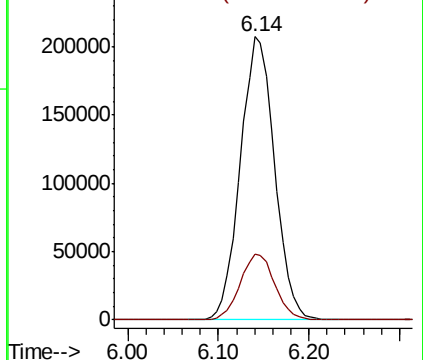


#40
Benzene
Concen: 48.106 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion	78	Resp	542872
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 48.719 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

Tot Ion: 41 Resp: 100072

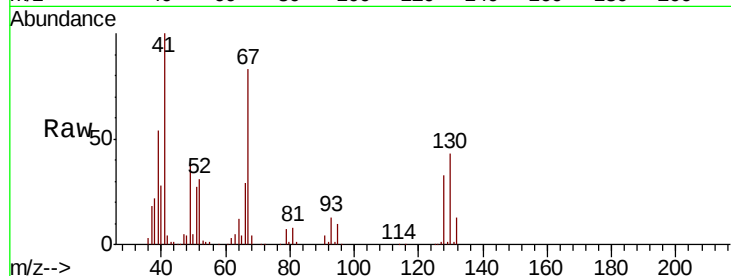
Ion Ratio Lower Upper

41 100

39 52.8 42.2 63.4

67 86.0 48.9 73.3#

52 31.3 20.1 30.1#

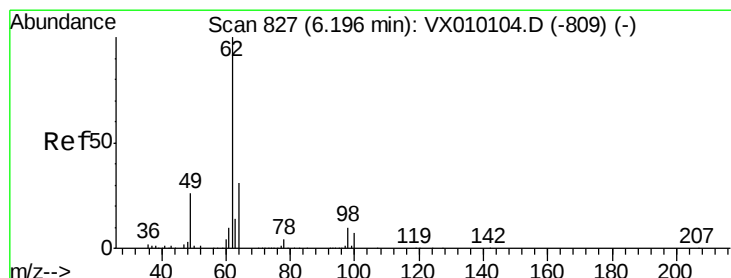
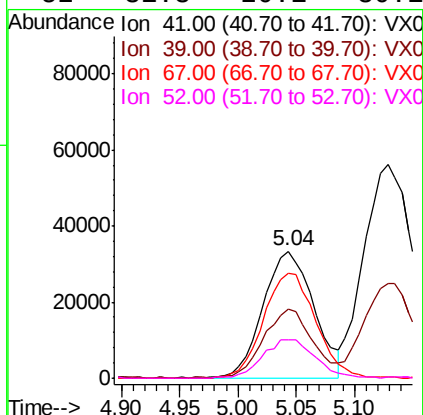
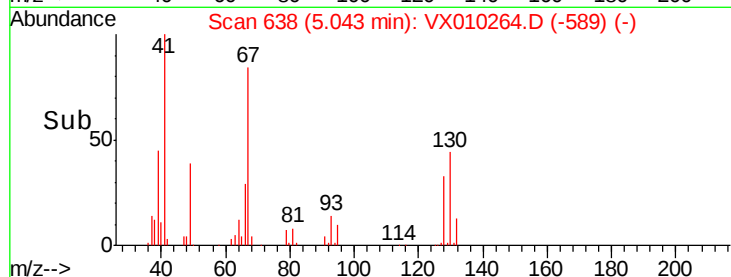


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.779 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010264.D

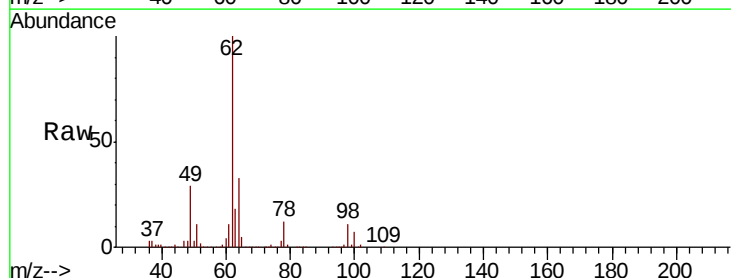
Acq: 12 Jun 2019 20:28

Tgt Ion: 62 Resp: 168532

Ion Ratio Lower Upper

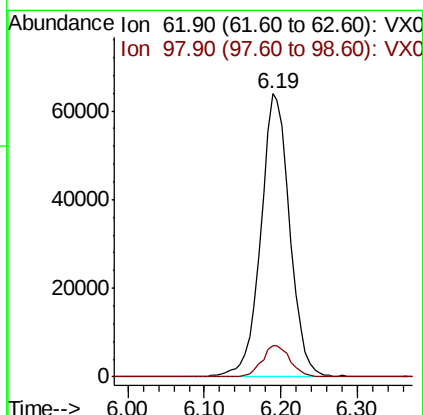
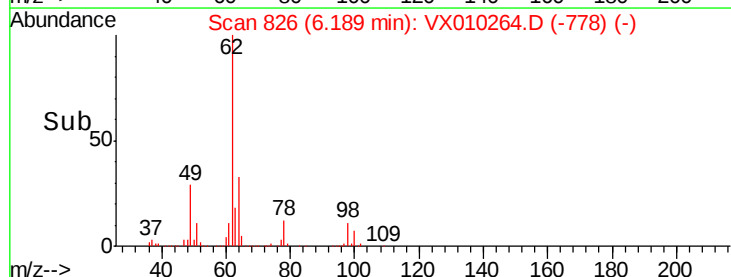
62 100

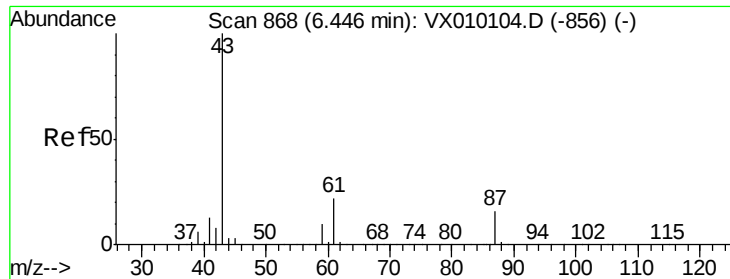
98 10.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.755 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

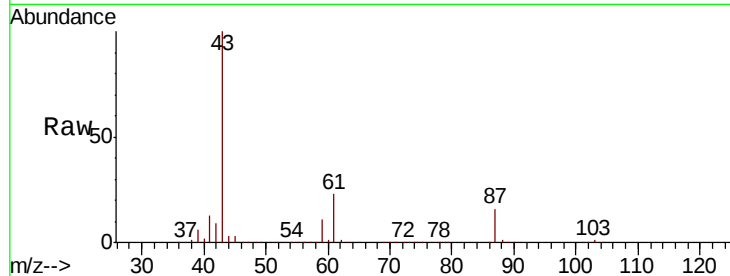
Tot Ion: 43 Resp: 303193

Ion Ratio Lower Upper

43 100

61 22.0 14.6 21.8#

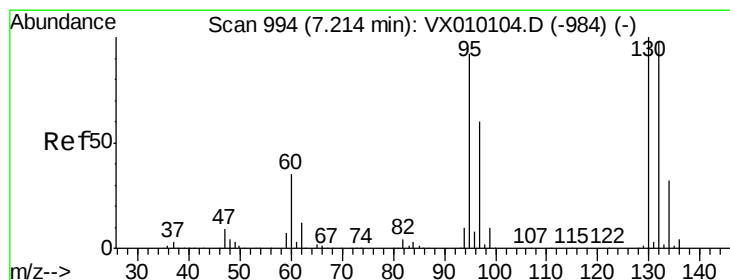
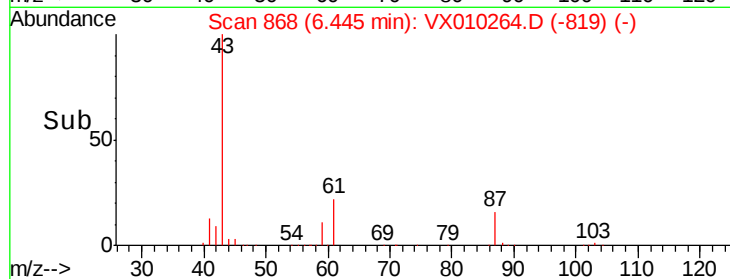
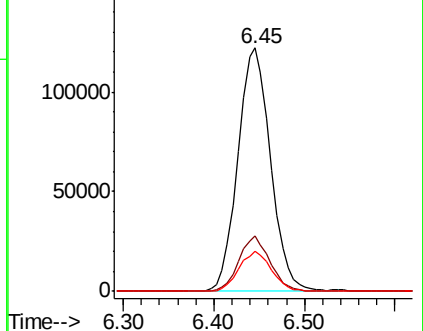
87 16.4 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.699 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010264.D

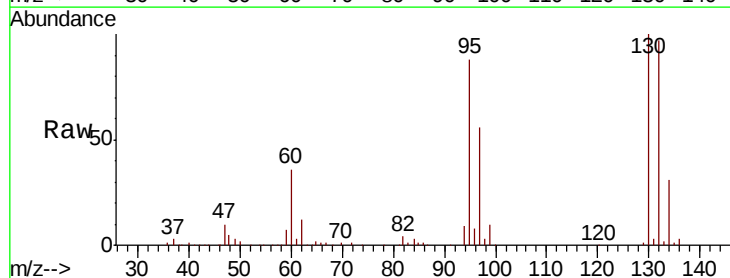
Acq: 12 Jun 2019 20:28

Tgt Ion:130 Resp: 158851

Ion Ratio Lower Upper

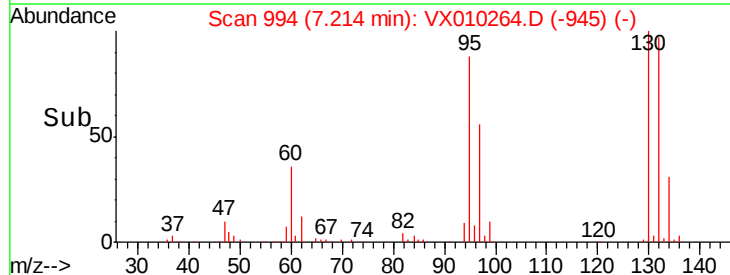
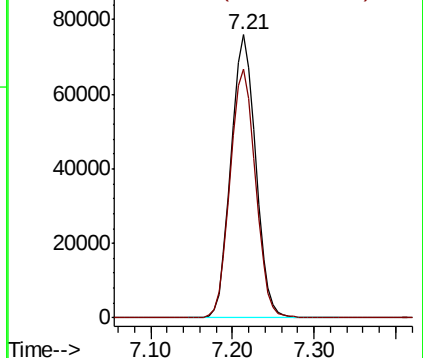
130 100

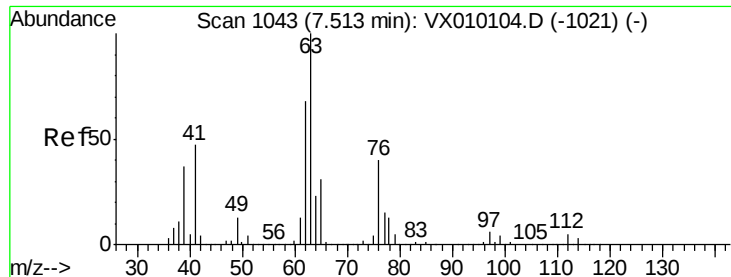
95 88.1 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

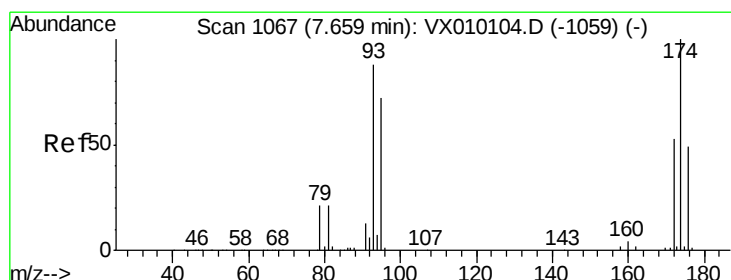
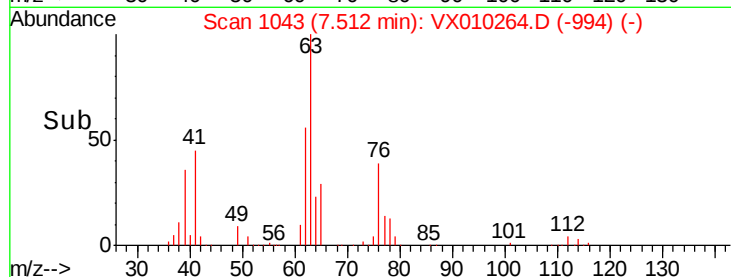
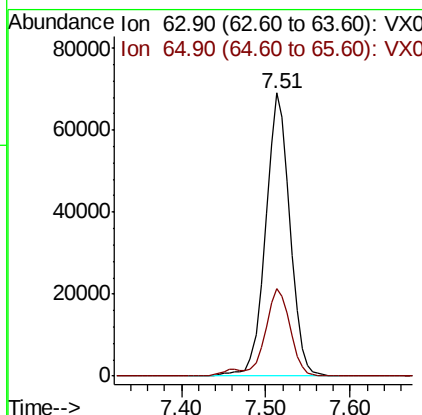
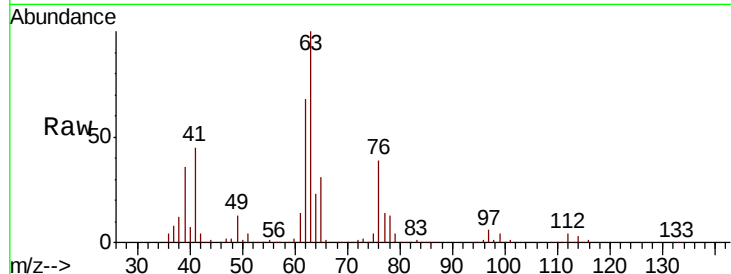




#45
 1,2-Dichloropropane
 Concen: 48.688 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

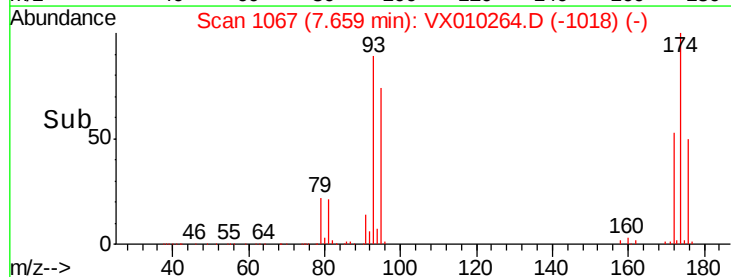
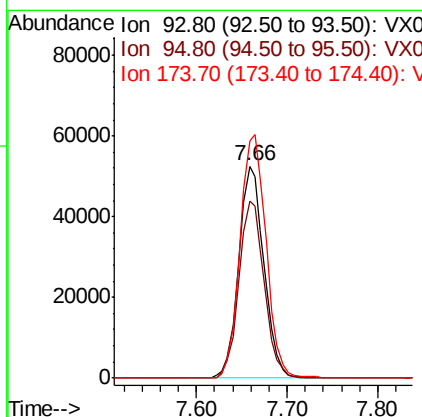
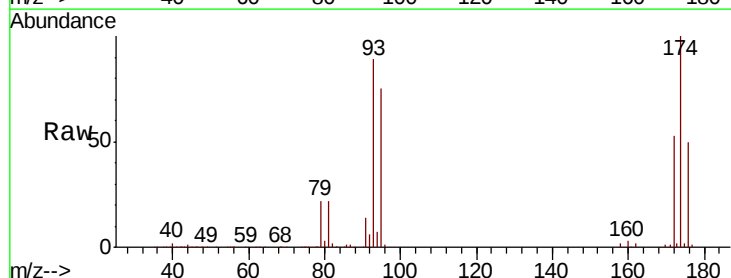
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611MSD

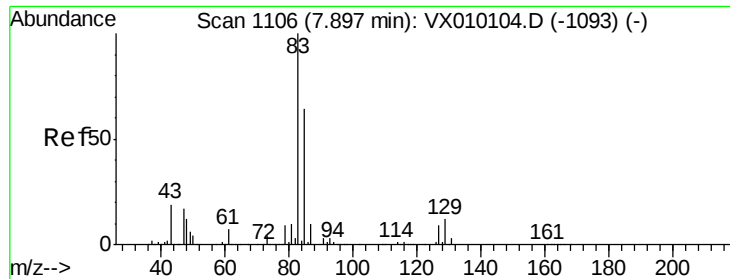
Tot Ion: 63 Resp: 137522
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.7 38.5



#46
 Dibromomethane
 Concen: 47.659 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

Tgt Ion: 93 Resp: 100851
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.8 100.2
 174 118.6 81.9 122.9





#47

Bromodichloromethane

Concen: 47.347 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

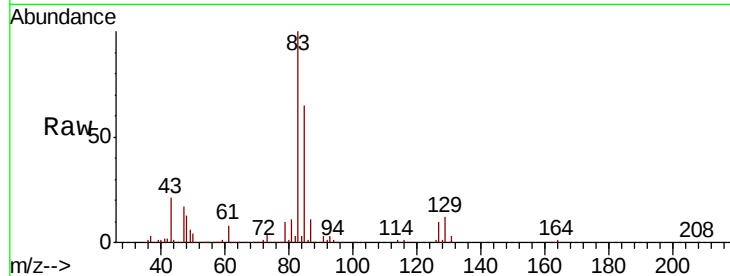
Tot Ion: 83 Resp: 187215

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.2

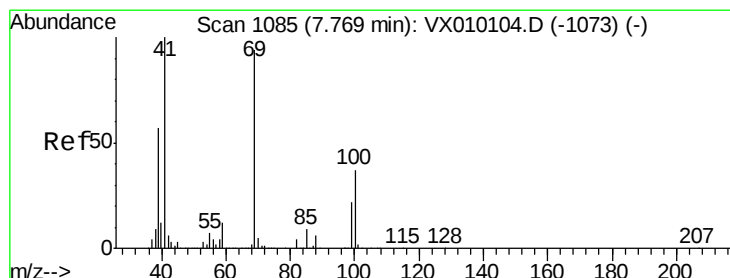
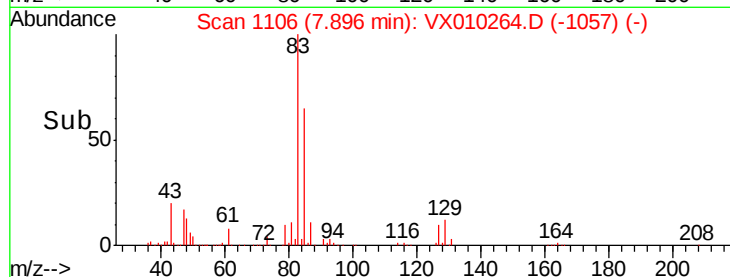
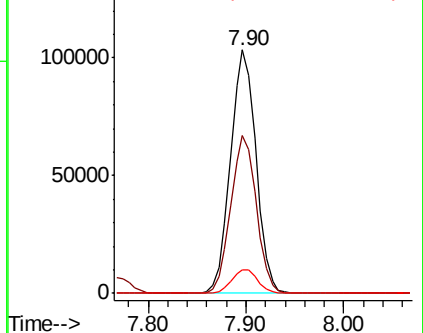
127 9.6 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.087 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

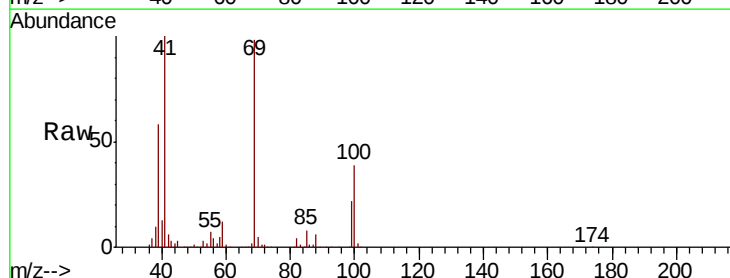
Tgt Ion: 41 Resp: 145748

Ion Ratio Lower Upper

41 100

69 97.1 56.4 84.6#

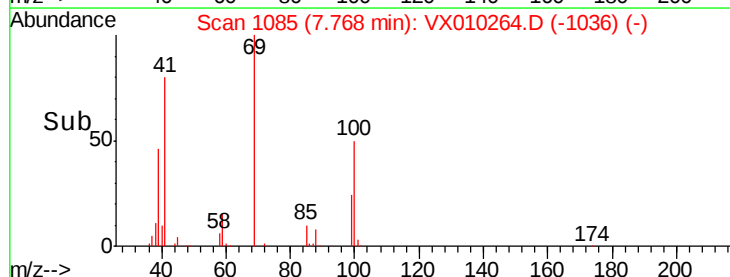
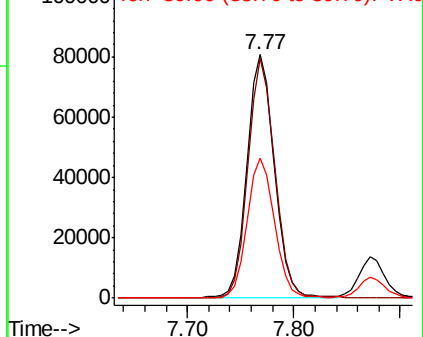
39 57.3 40.6 60.8

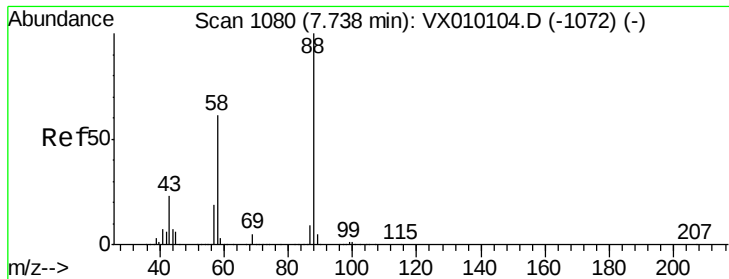


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 861.669 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

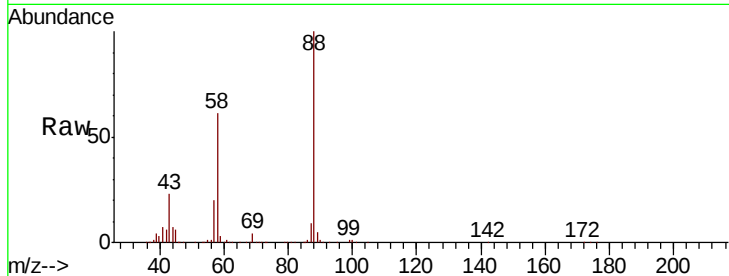
Tot Ion: 88 Resp: 72945

Ion Ratio Lower Upper

88 100

43 25.7 30.2 45.4#

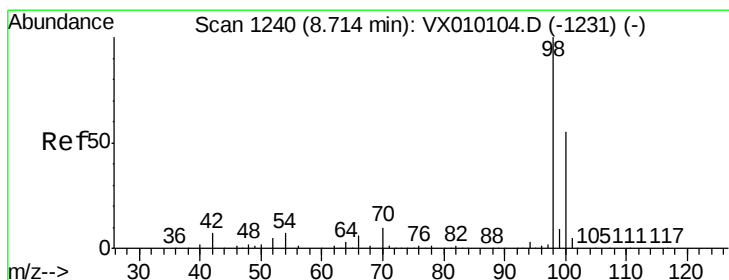
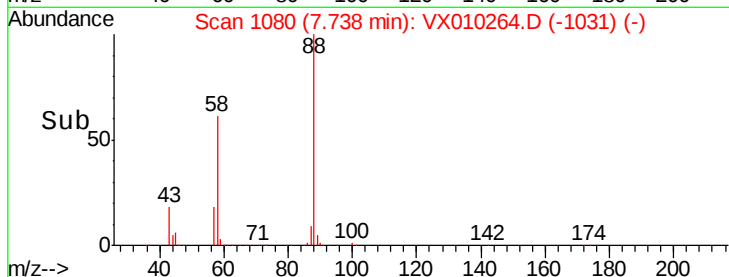
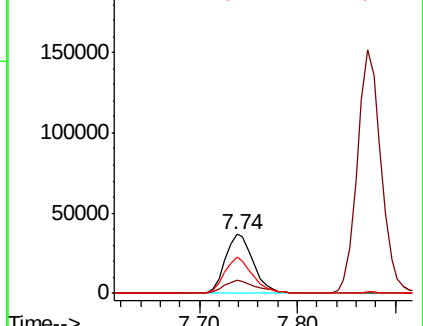
58 61.5 64.0 96.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 51.772 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010264.D

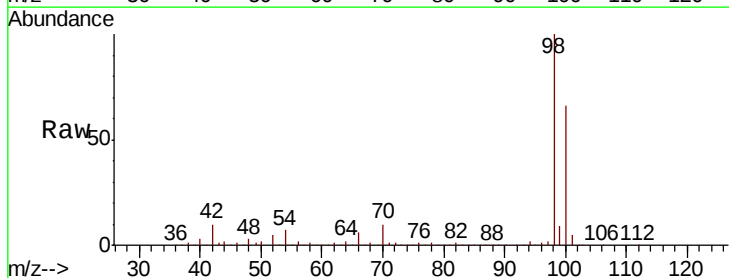
Acq: 12 Jun 2019 20:28

Tgt Ion: 98 Resp: 535384

Ion Ratio Lower Upper

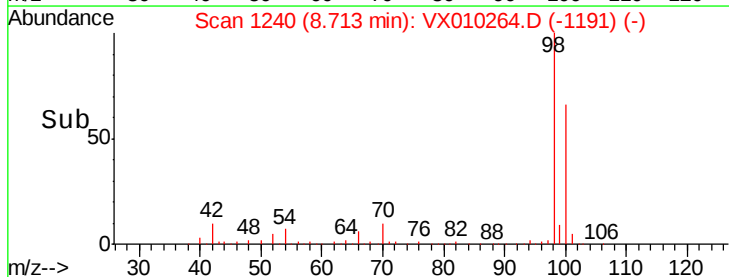
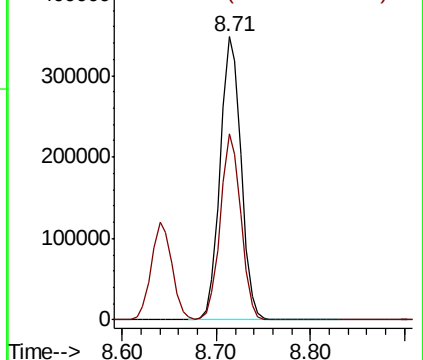
98 100

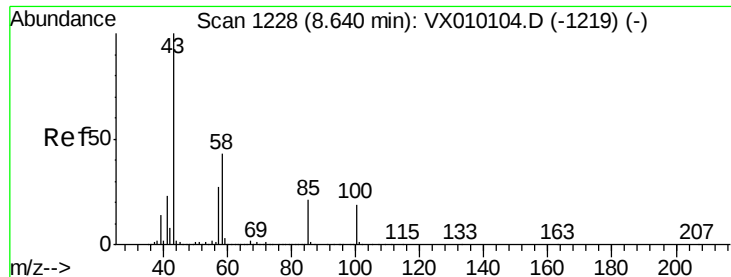
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 260.913 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

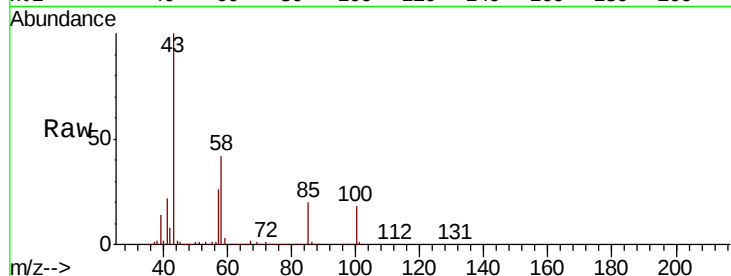
SS043MW010-190611MSD

Tot Ion: 43 Resp: 989600

Ion Ratio Lower Upper

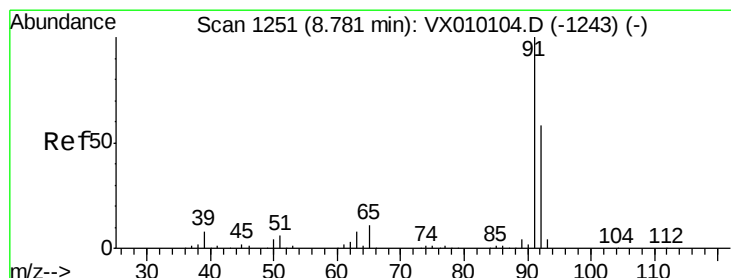
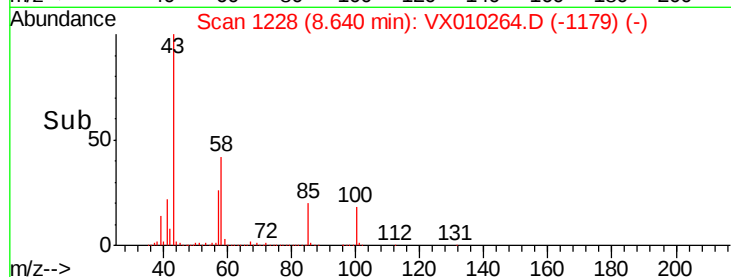
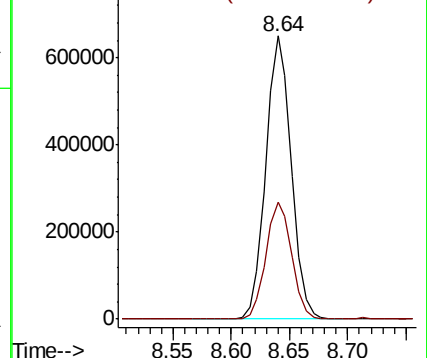
43 100

58 41.9 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.621 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010264.D

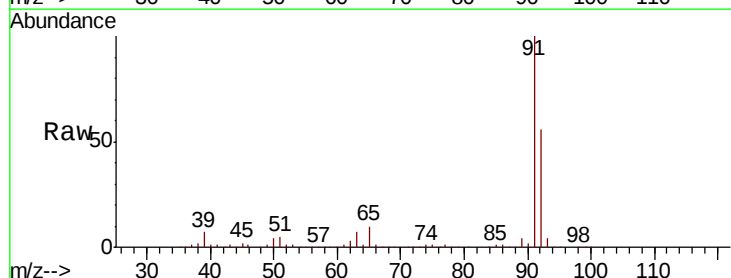
Acq: 12 Jun 2019 20:28

Tgt Ion: 92 Resp: 353257

Ion Ratio Lower Upper

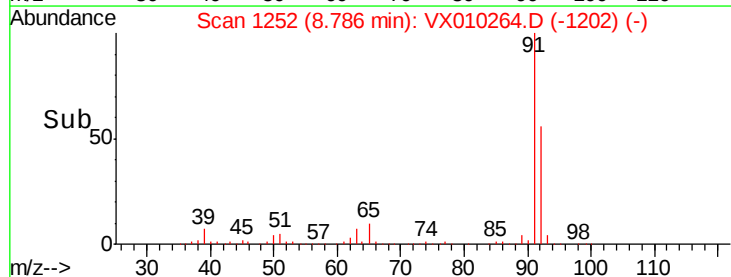
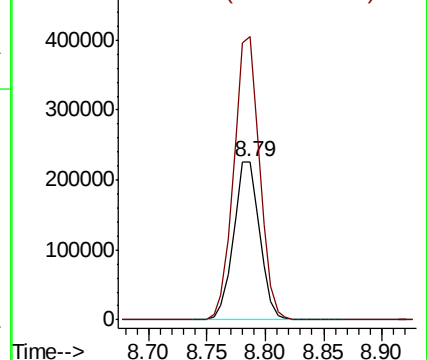
92 100

91 177.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

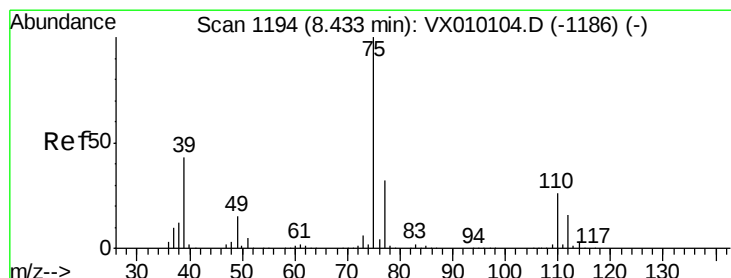
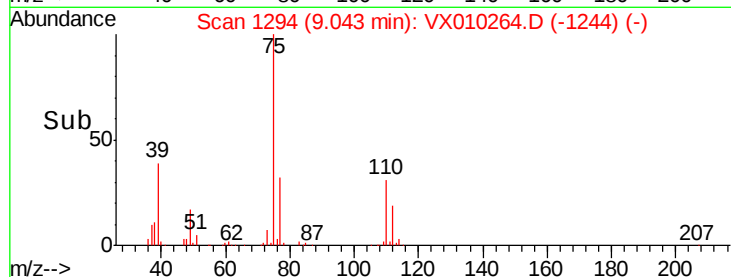
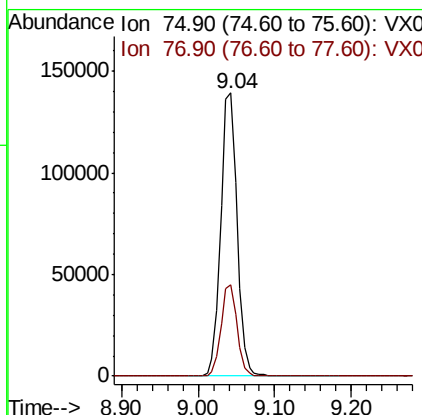
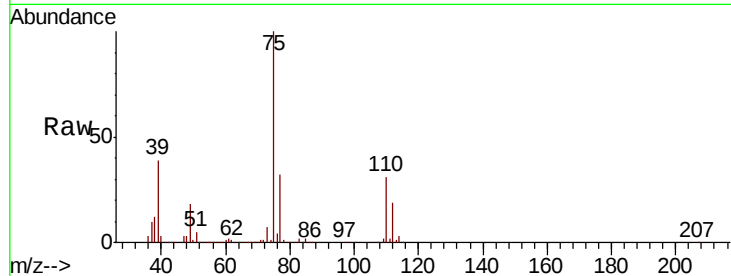




#53
 t-1,3-Dichloropropene
 Concen: 45.082 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

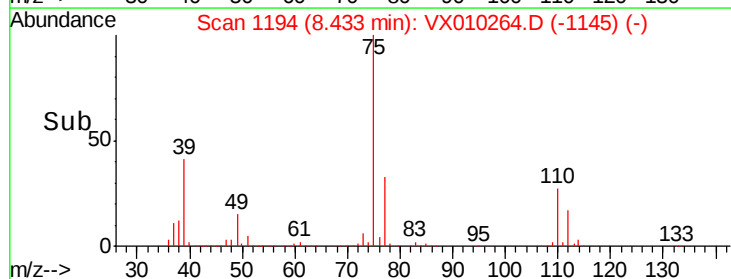
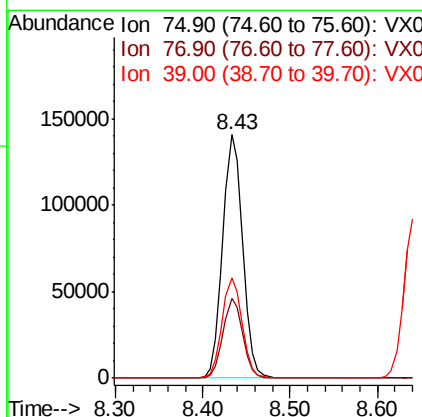
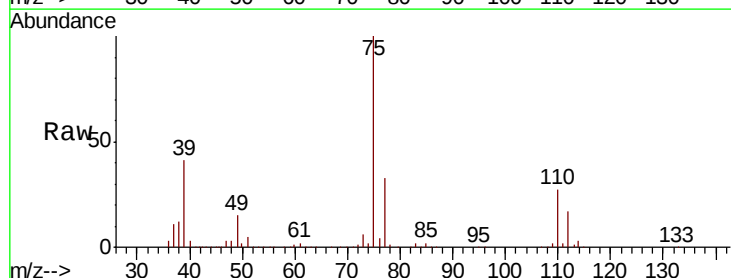
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611MSD

Tot Ion: 75 Resp: 206190
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 45.416 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

Tgt Ion: 75 Resp: 222682
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.8 37.2
 39 41.1 43.4 65.0#

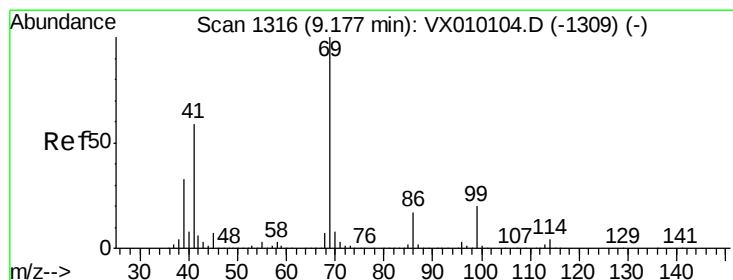
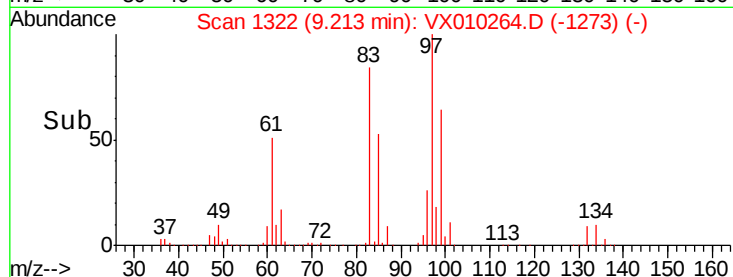
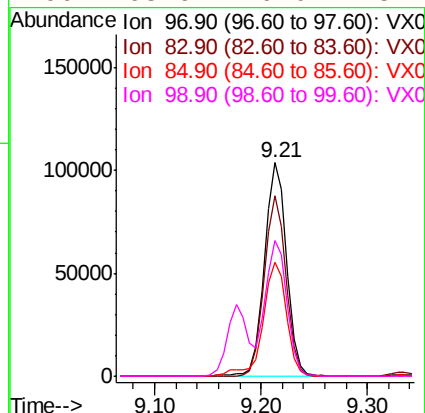
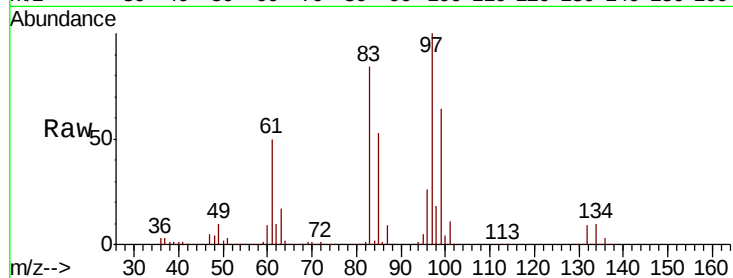




#55
1,1,2-Trichloroethane
Concen: 49.783 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

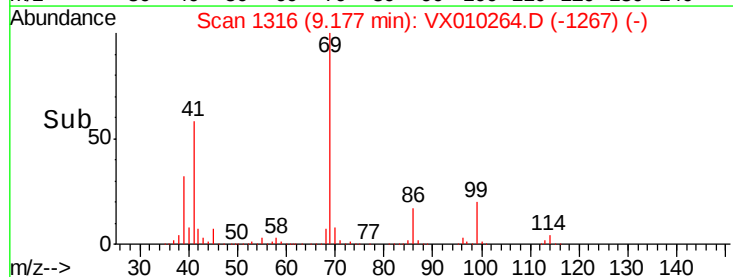
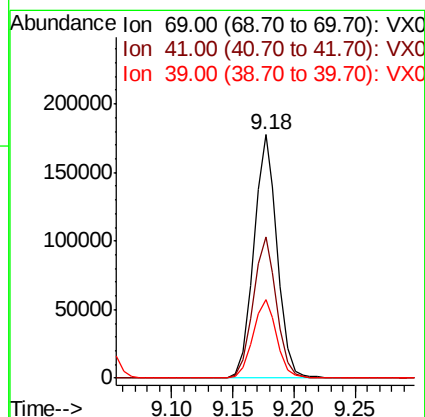
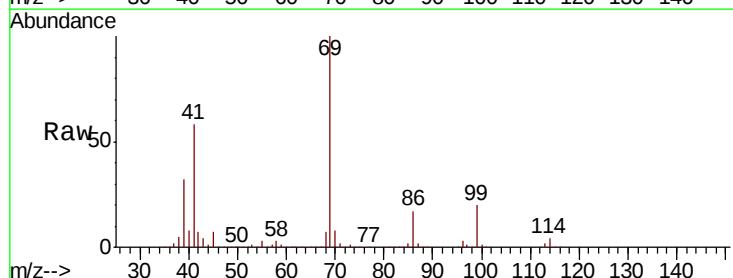
Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

Tot Ion: 97 Resp: 151243
Ion Ratio Lower Upper
97 100
83 84.3 69.8 104.8
85 53.5 45.3 67.9
99 63.6 49.0 73.4



#56
Ethyl methacrylate
Concen: 49.096 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion: 69 Resp: 235616
Ion Ratio Lower Upper
69 100
41 58.0 62.7 94.1#
39 32.6 29.5 44.3





#57

1,3-Dichloropropane

Concen: 48.795 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

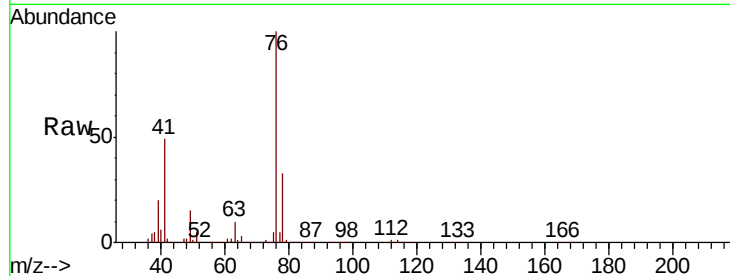
SS043MW010-190611MSD

Tot Ion: 76 Resp: 233385

Ion Ratio Lower Upper

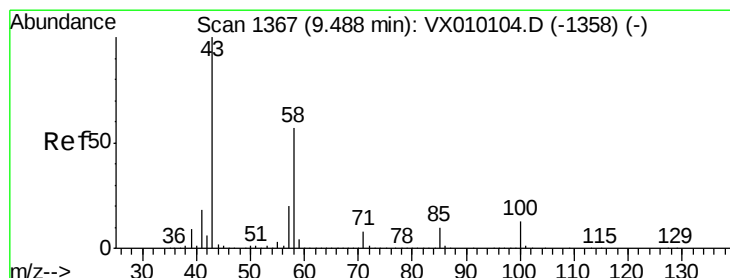
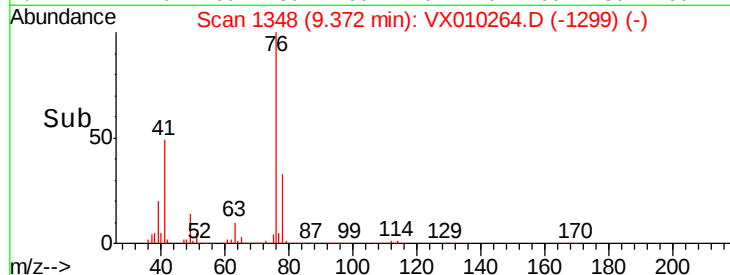
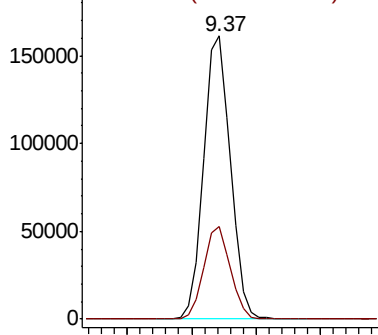
76 100

78 32.5 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 252.371 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VX010264.D

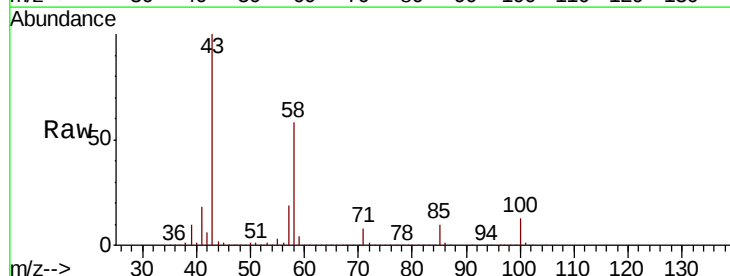
Acq: 12 Jun 2019 20:28

Tgt Ion: 43 Resp: 763188

Ion Ratio Lower Upper

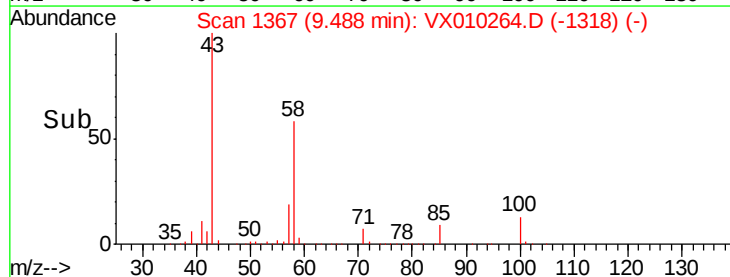
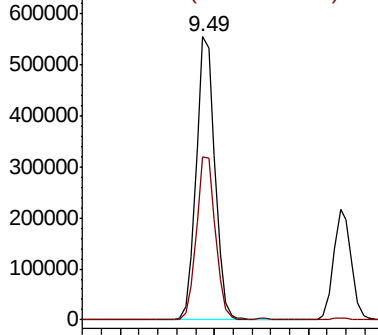
43 100

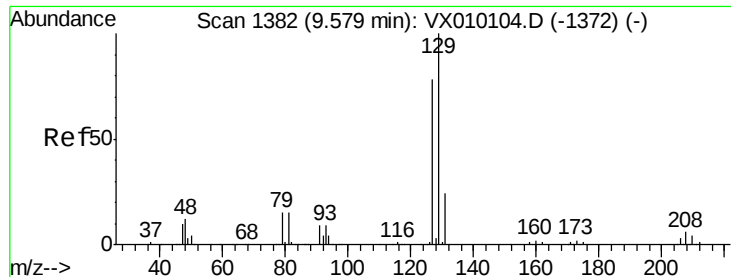
58 58.3 25.1 75.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

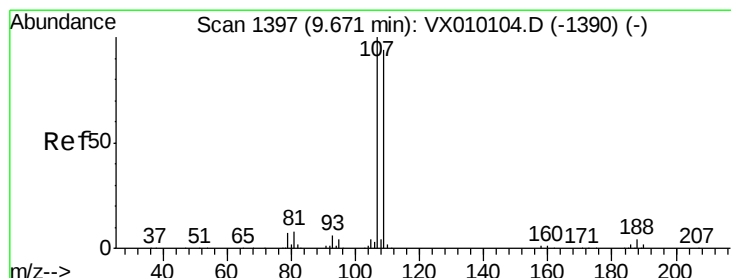
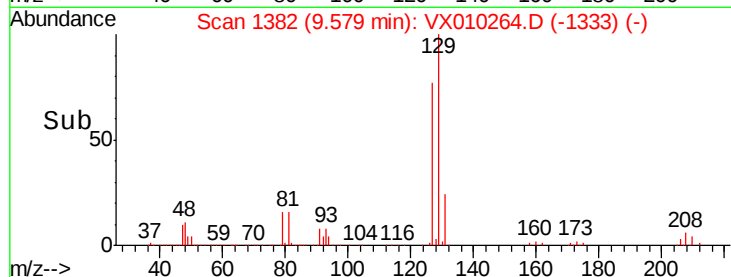
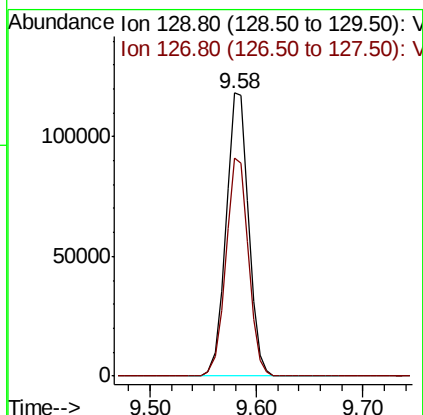
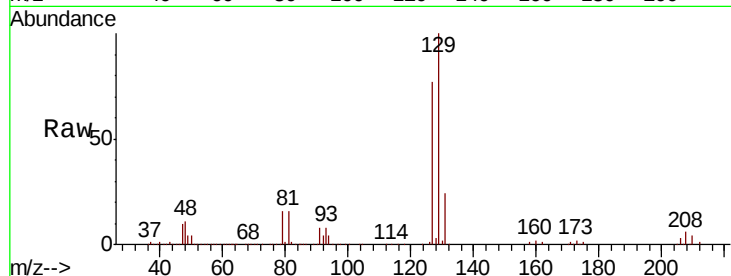




#60
Dibromochloromethane
Concen: 48.672 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

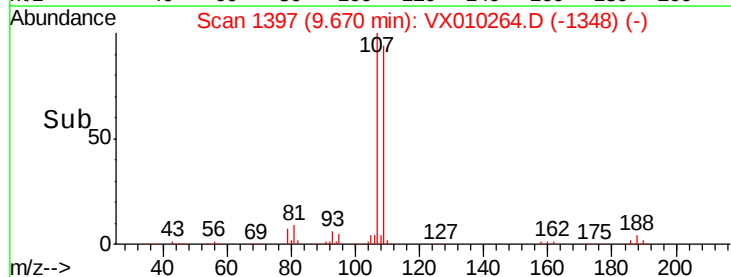
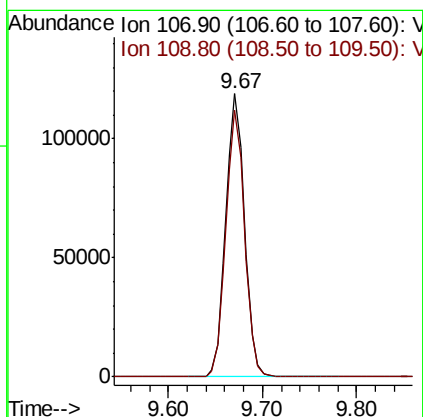
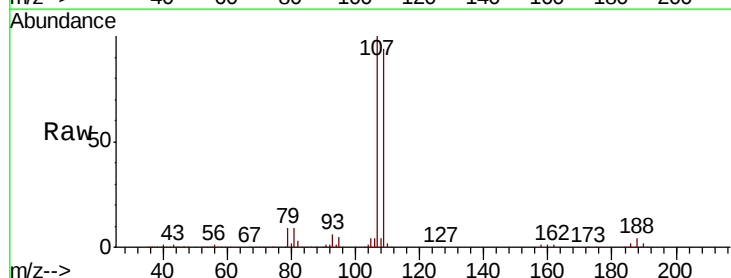
Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

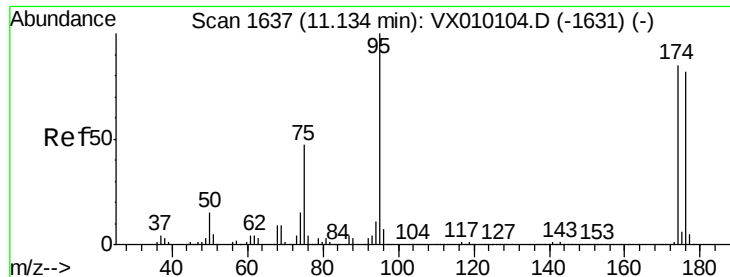
Tot Ion:129 Resp: 174904
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5



#61
1,2-Dibromoethane
Concen: 48.715 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion:107 Resp: 164833
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2





#62

4-Bromofluorobenzene

Concen: 51.211 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

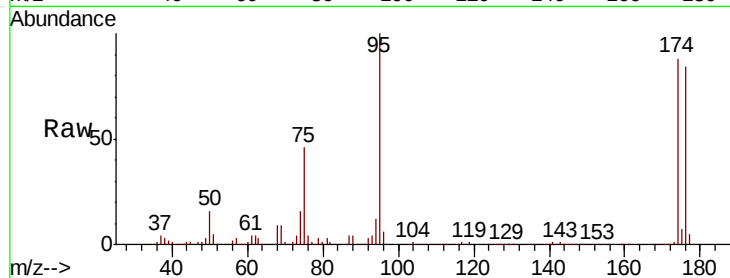
Tot Ion: 95 Resp: 197776

Ion Ratio Lower Upper

95 100

174 93.5 0.0 160.4

176 91.2 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)

11.13

150000

100000

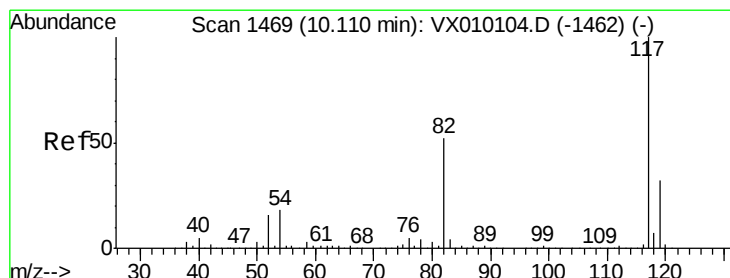
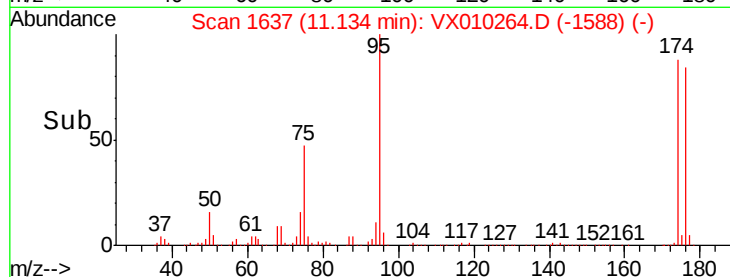
50000

0

Time-->

11.10

11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

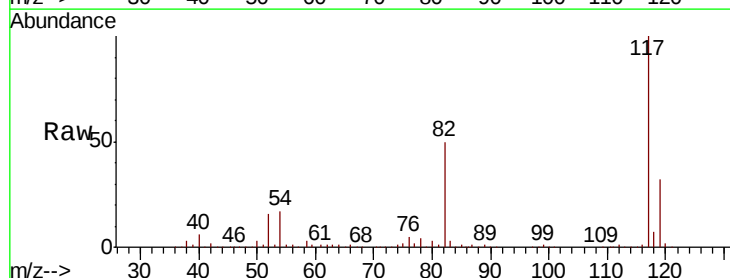
Tgt Ion: 117 Resp: 412785

Ion Ratio Lower Upper

117 100

82 49.6 49.2 73.8

119 31.9 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

10.11

400000

300000

200000

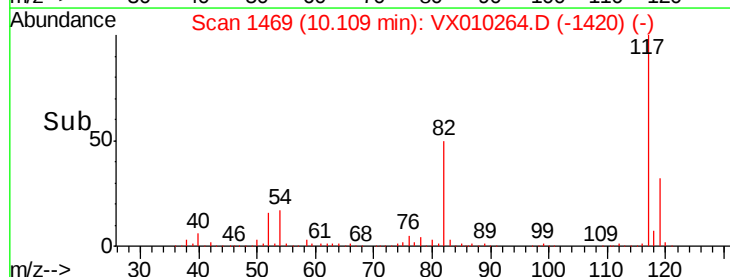
100000

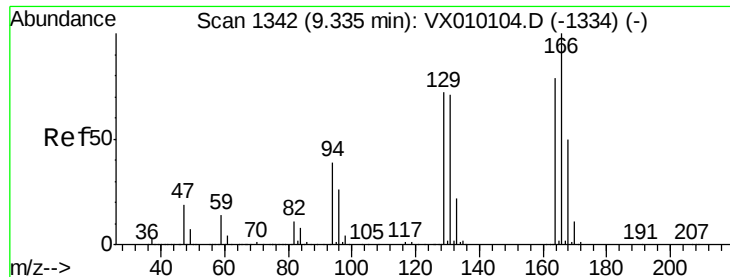
0

Time-->

10.10

10.20

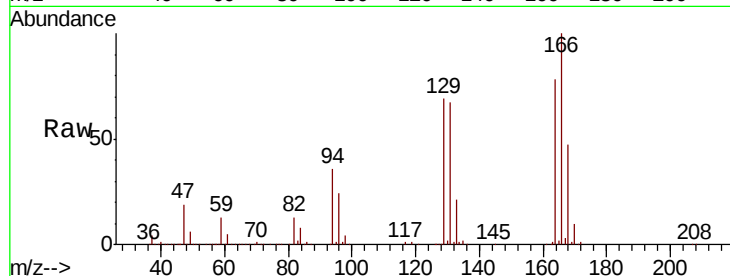




#64
Tetrachloroethene
Concen: 44.672 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.9	105.0	157.4
129	88.0	75.1	112.7
131	85.5	72.2	108.4



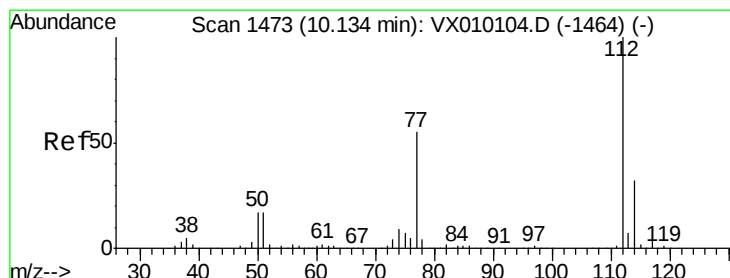
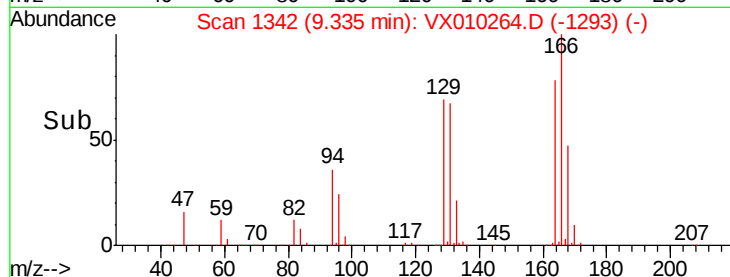
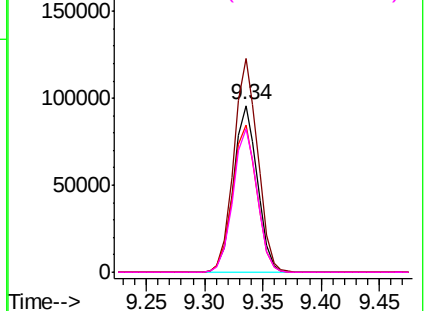
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

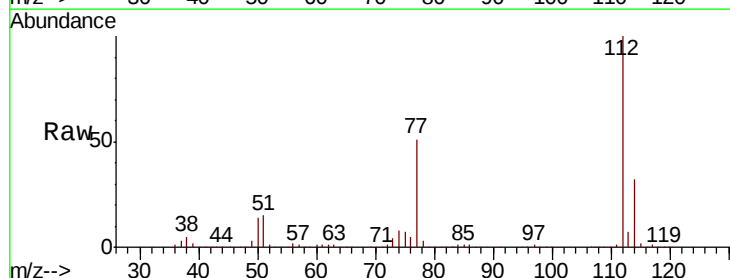
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 73.214 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

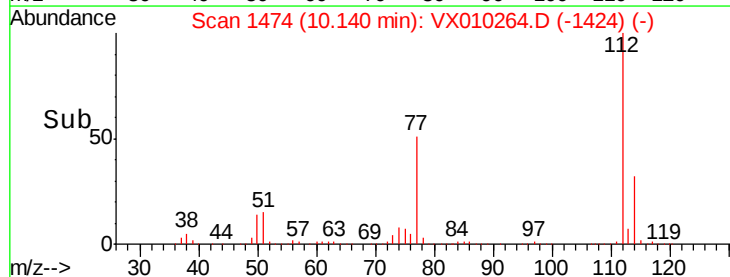
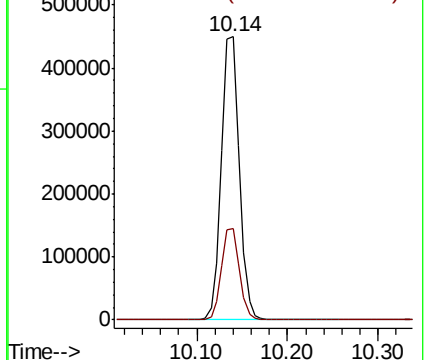
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.8

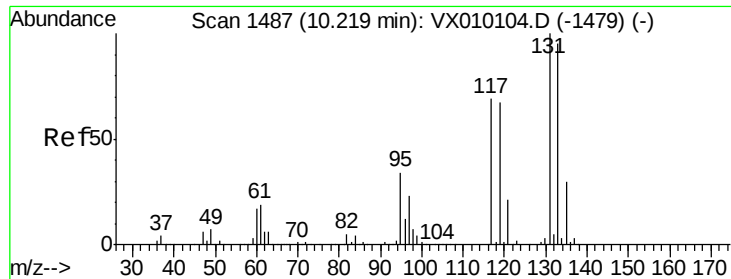


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

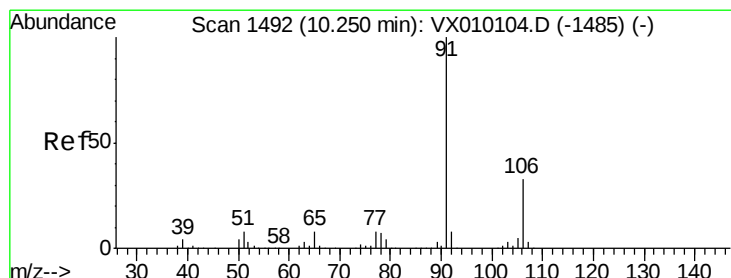
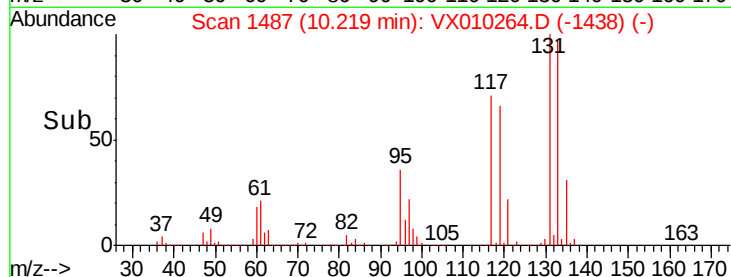
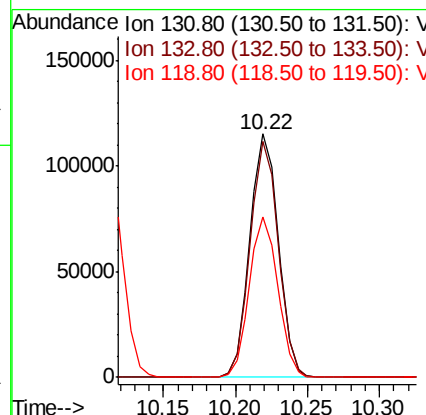
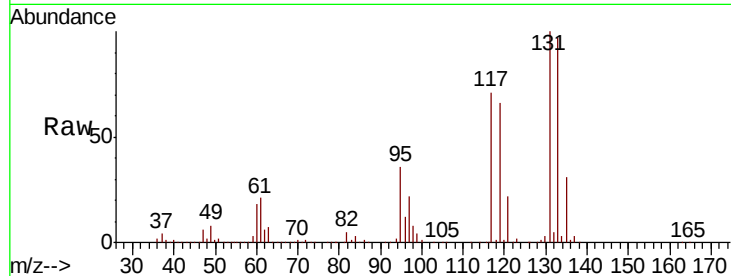




#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.122 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

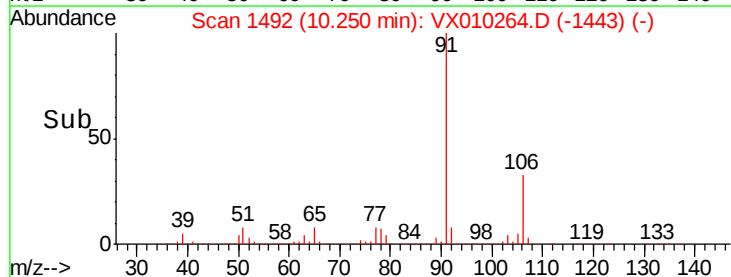
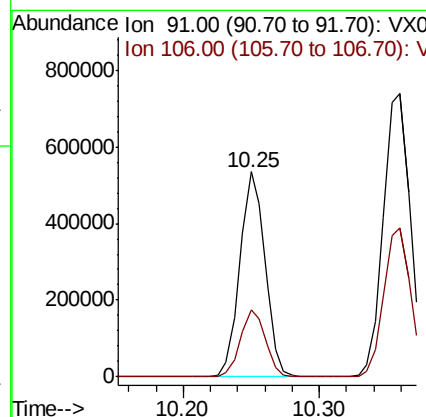
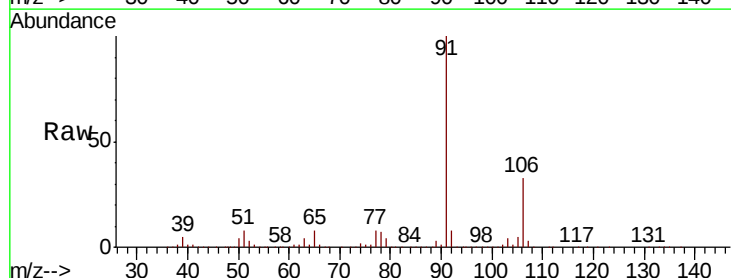
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611MSD

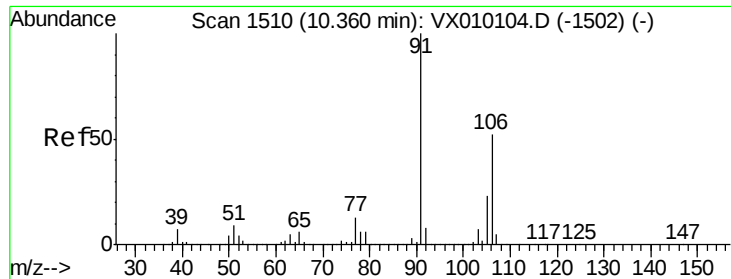
Tot Ion:131 Resp: 157662
 Ion Ratio Lower Upper
 131 100
 133 95.9 47.5 142.6
 119 66.1 33.4 100.1



#67
 Ethyl Benzene
 Concen: 47.494 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

Tgt Ion: 91 Resp: 688813
 Ion Ratio Lower Upper
 91 100
 106 32.6 23.9 35.9

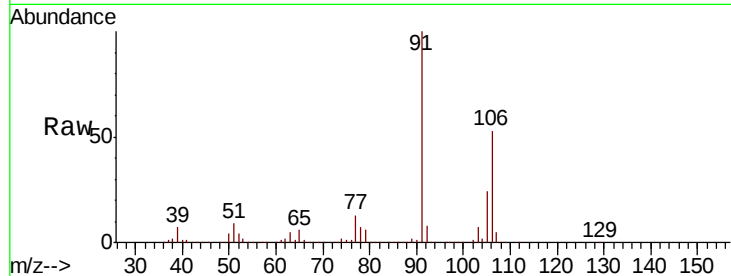




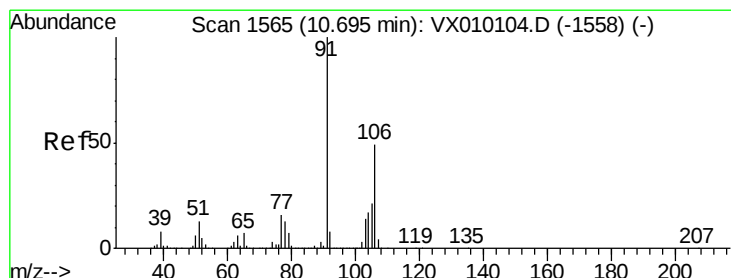
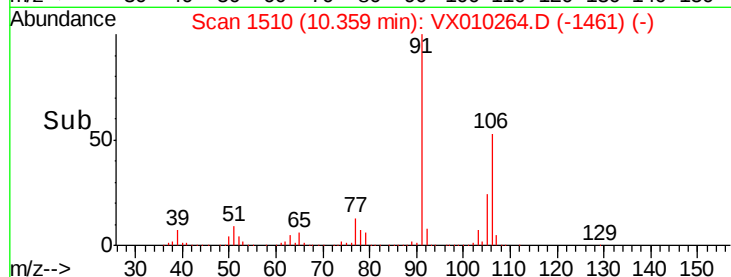
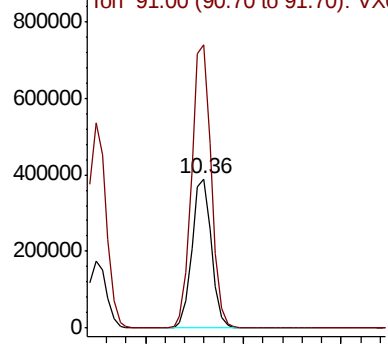
#68
m/p-Xylenes
Concen: 95.378 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

Tot Ion:106 Resp: 535295
Ion Ratio Lower Upper
106 100
91 191.0 167.3 250.9

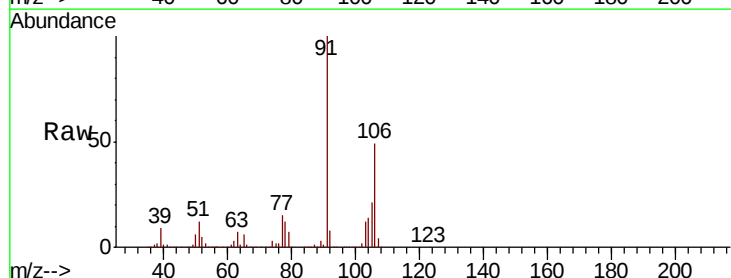


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

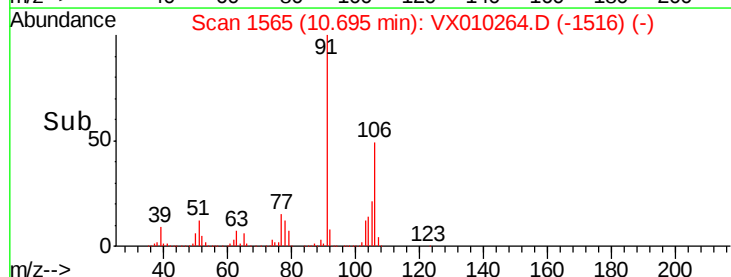
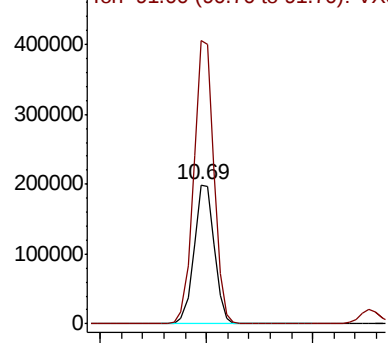


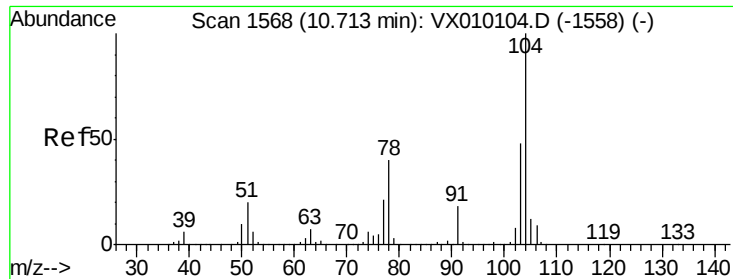
#69
o-Xylene
Concen: 47.364 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion:106 Resp: 264239
Ion Ratio Lower Upper
106 100
91 202.1 110.4 331.2



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

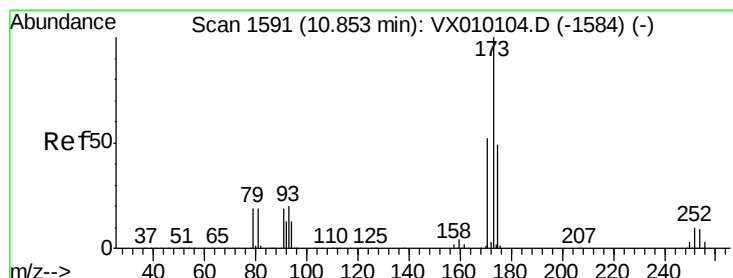
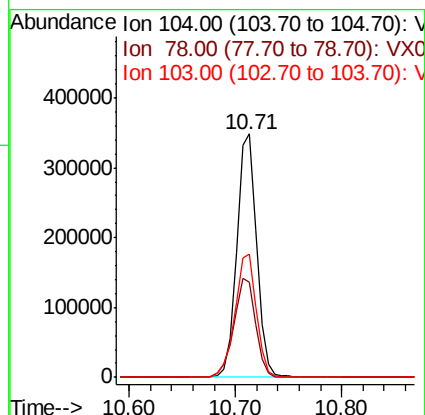
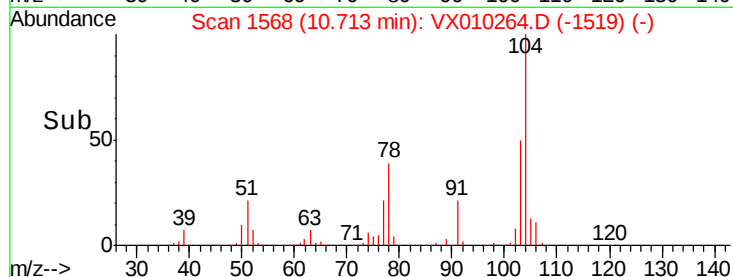
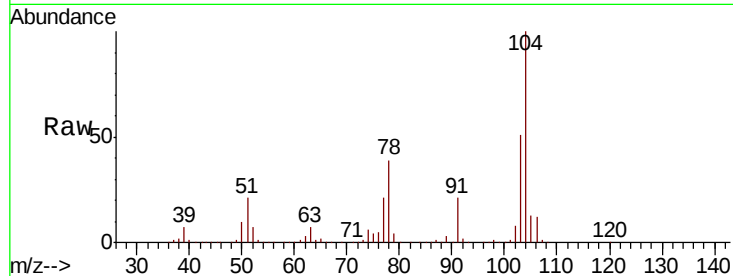




#70
Stvrene
Concen: 48.273 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

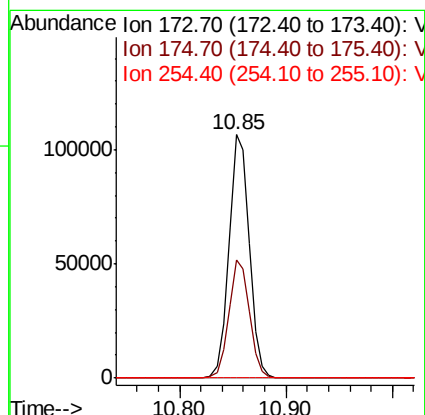
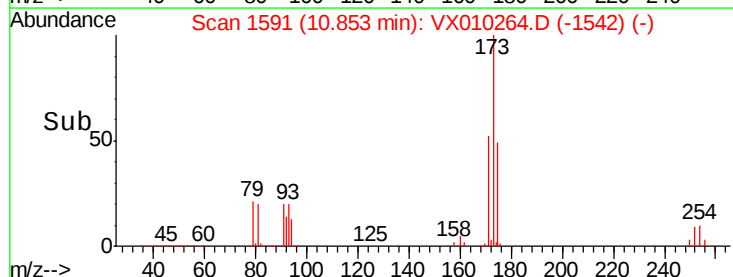
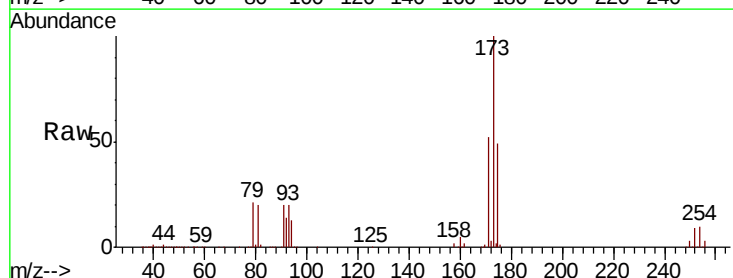
Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

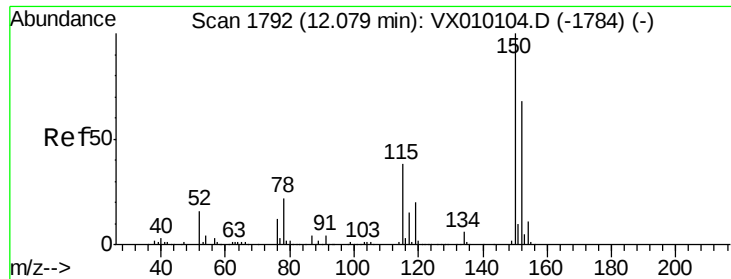
Tot Ion:104 Resp: 456121
Ion Ratio Lower Upper
104 100
78 45.1 42.1 63.1
103 54.7 44.1 66.1



#71
Bromoform
Concen: 47.342 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion:173 Resp: 142591
Ion Ratio Lower Upper
173 100
175 48.8 25.0 75.0
254 0.2 0.2 0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

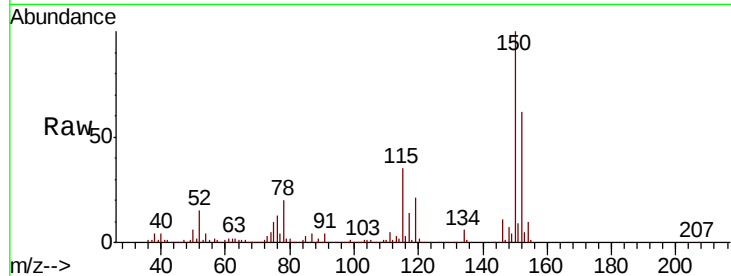
Tot Ion:152 Resp: 210213

Ion Ratio Lower Upper

152 100

115 76.2 41.4 124.2

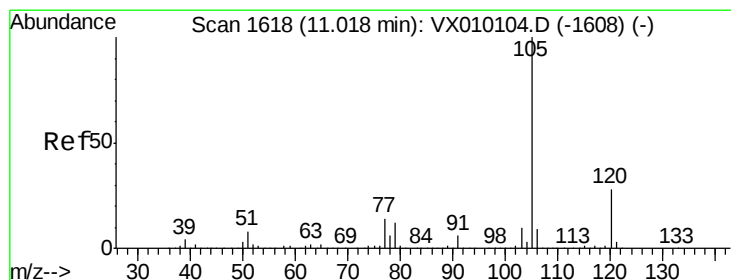
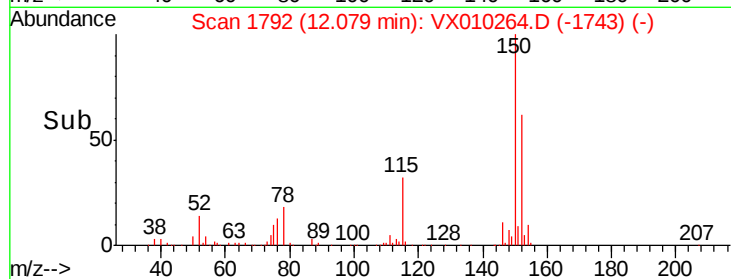
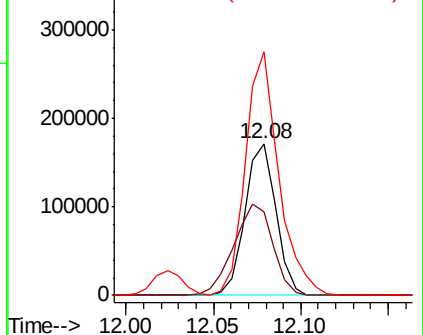
150 173.3 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 46.923 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010264.D

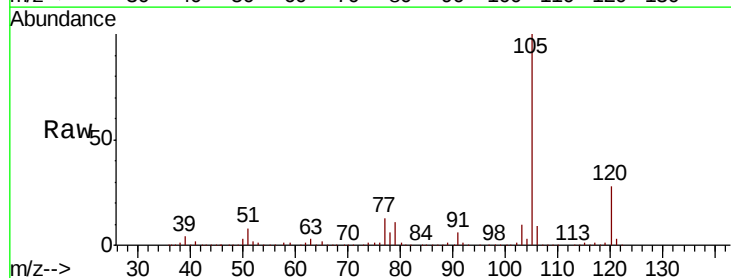
Acq: 12 Jun 2019 20:28

Tgt Ion:105 Resp: 688556

Ion Ratio Lower Upper

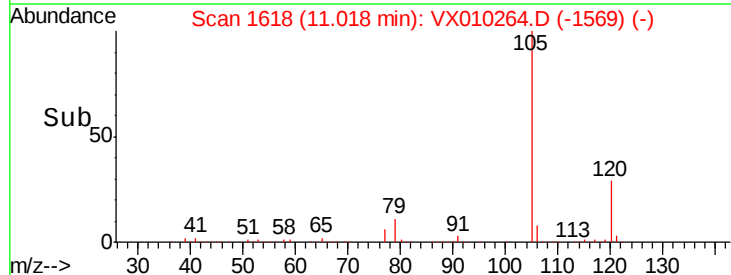
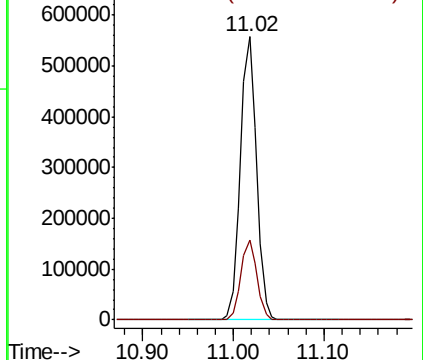
105 100

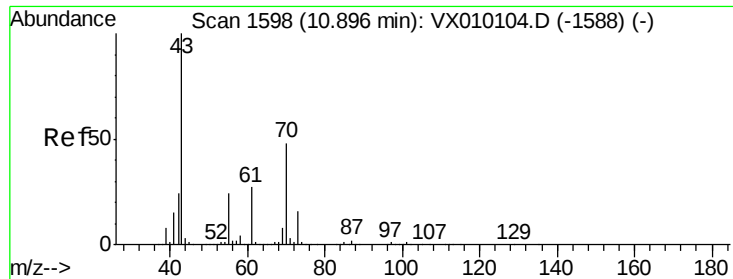
120 28.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.339 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

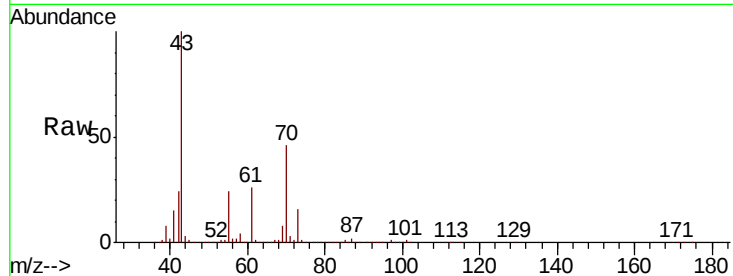
MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

Tot Ion: 43 Resp: 280400

Ion	Ratio	Lower	Upper
43	100		
70	46.2	28.6	43.0#
55	23.8	17.8	26.8
61	26.2	17.7	26.5

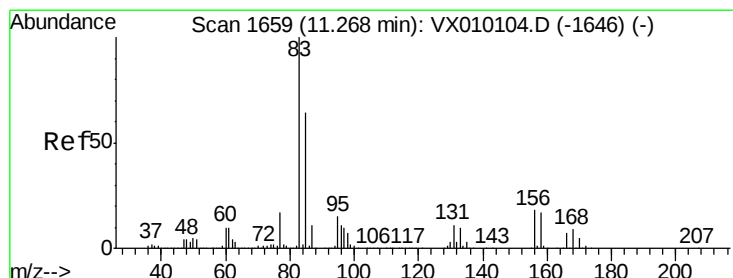
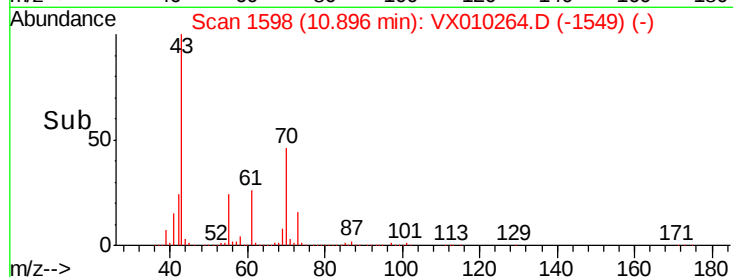
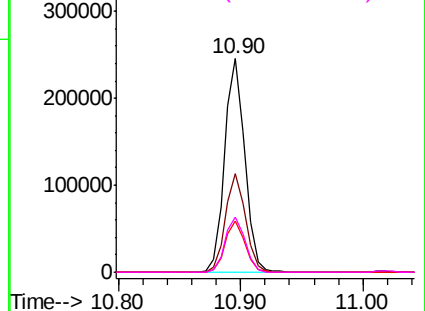


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 48.815 ug/l

RT: 11.27 min Scan# 1659

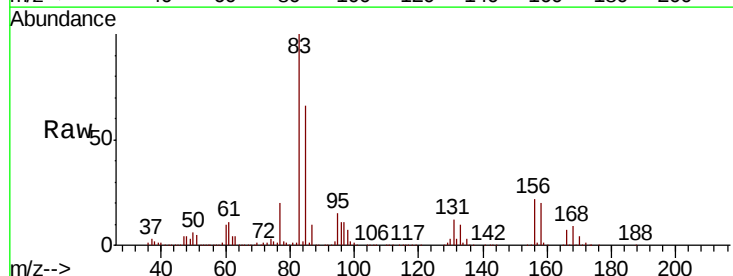
Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Tgt Ion: 83 Resp: 245207

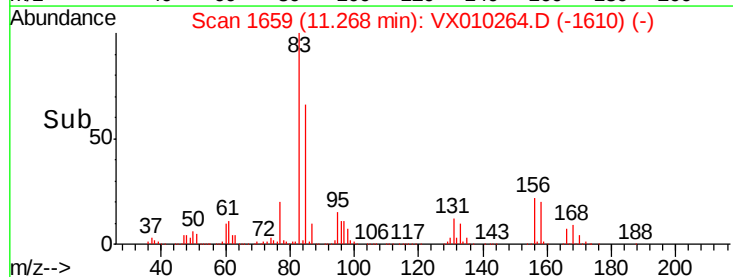
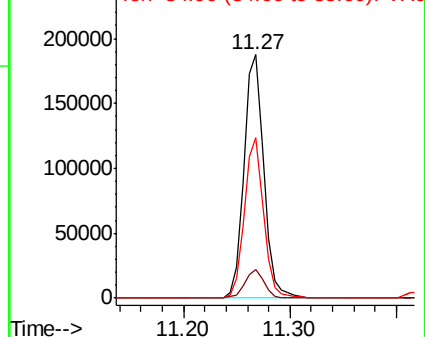
Ion	Ratio	Lower	Upper
83	100		
131	11.1	4.7	14.1
85	64.3	31.9	95.9

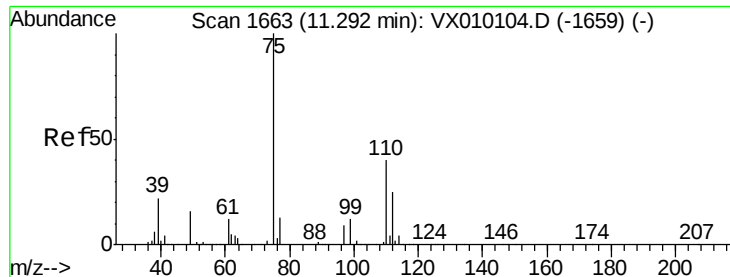


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

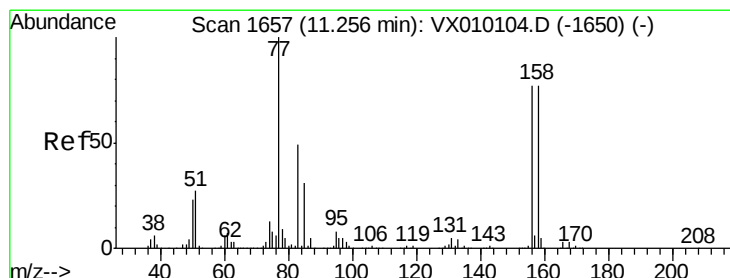
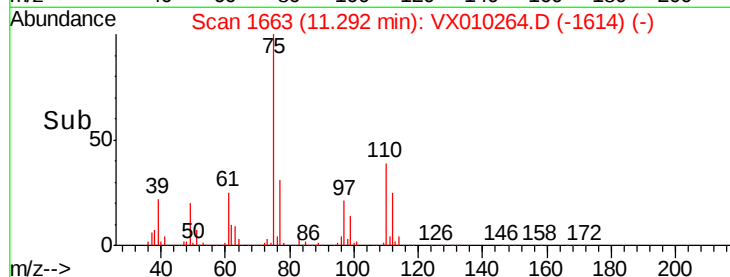
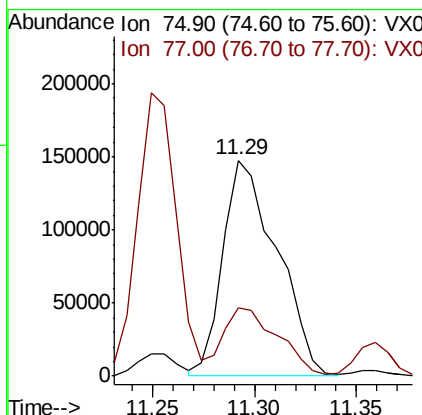
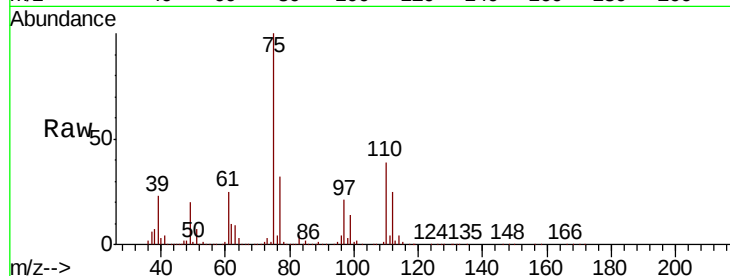




#76
1,2,3-Trichloropropane
Concen: 64.586 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

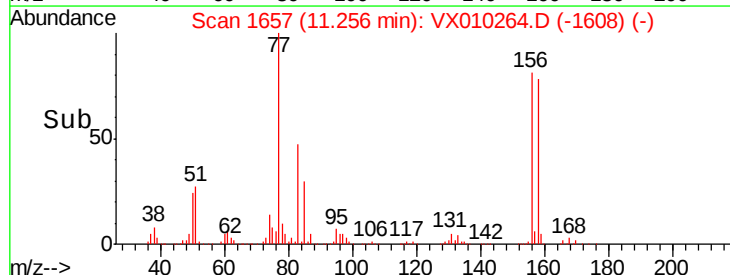
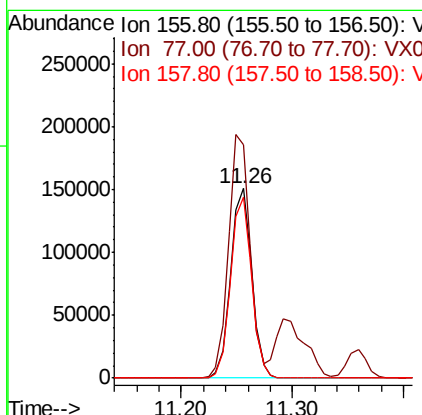
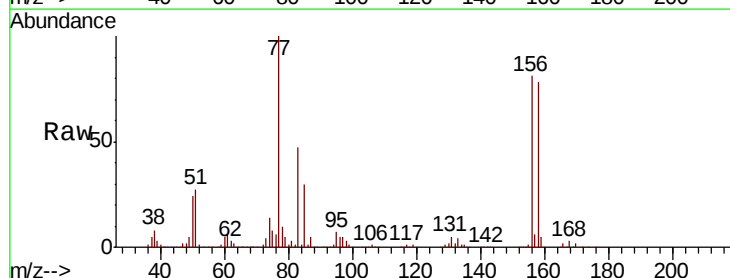
Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

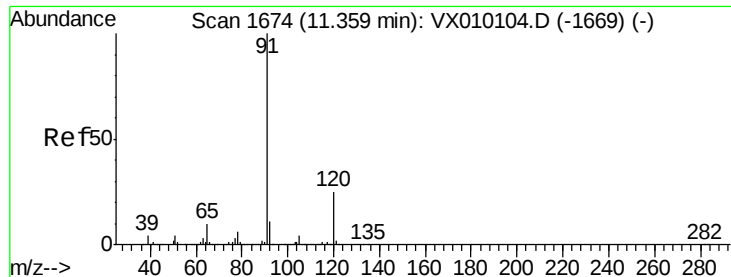
Tot Ion: 75 Resp: 271562
Ion Ratio Lower Upper
75 100
77 32.3 22.1 66.1



#77
Bromobenzene
Concen: 48.914 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion: 156 Resp: 197384
Ion Ratio Lower Upper
156 100
77 130.4 86.8 260.3
158 95.3 49.6 148.8





#78

n-propylbenzene

Concen: 47.085 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

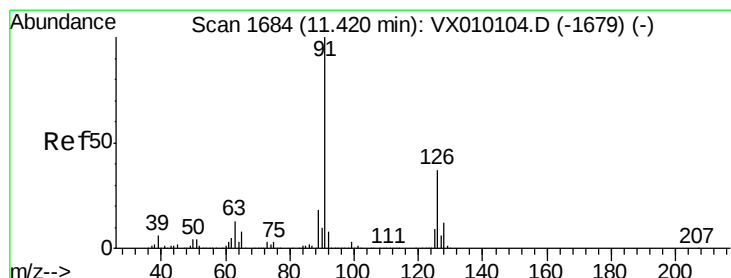
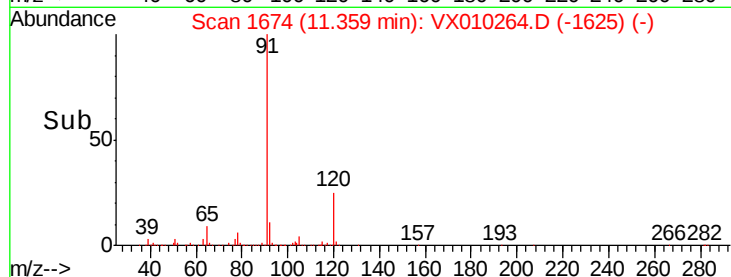
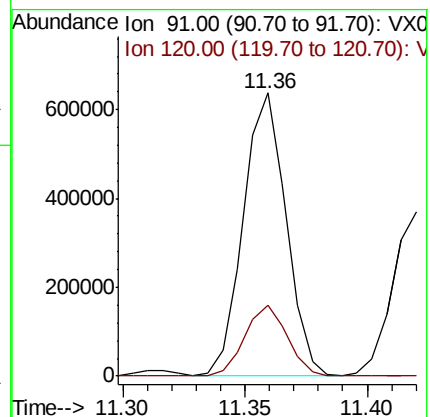
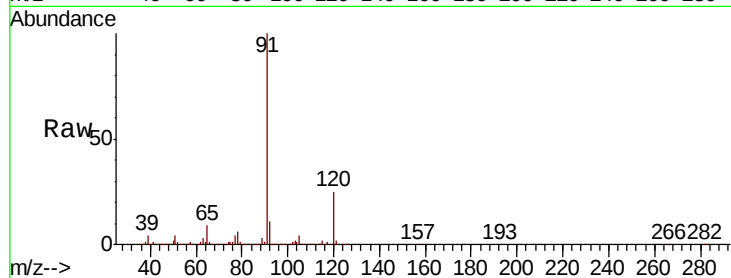
SS043MW010-190611MSD

Tot Ion: 91 Resp: 769205

Ion Ratio Lower Upper

91 100

120 25.0 11.1 33.3



#79

2-Chlorotoluene

Concen: 46.456 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010264.D

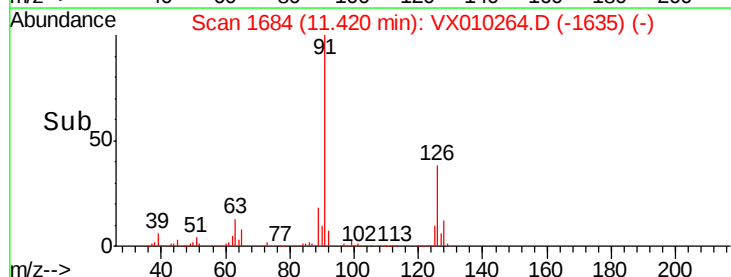
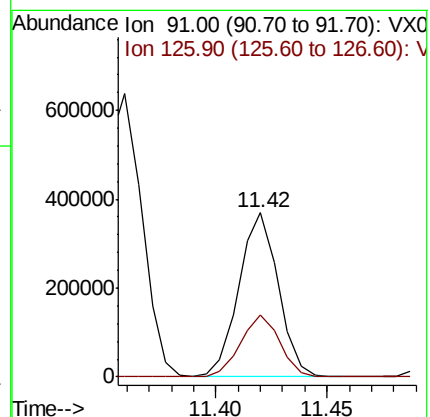
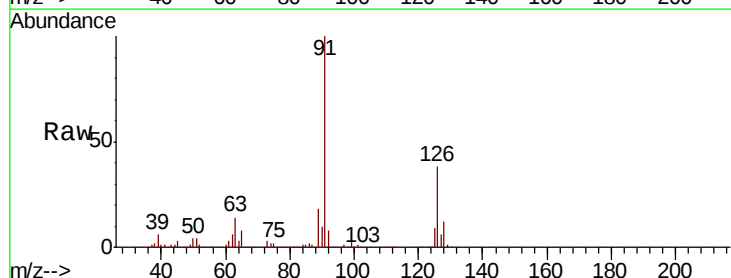
Acq: 12 Jun 2019 20:28

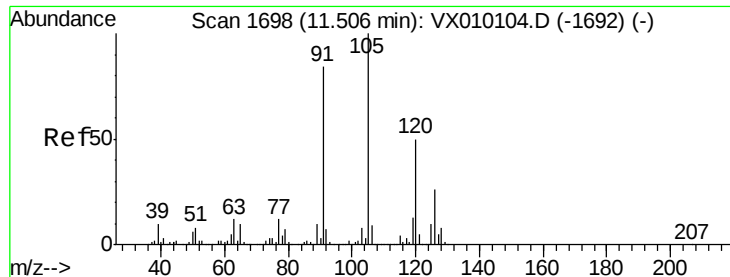
Tgt Ion: 91 Resp: 455813

Ion Ratio Lower Upper

91 100

126 37.6 16.1 48.3

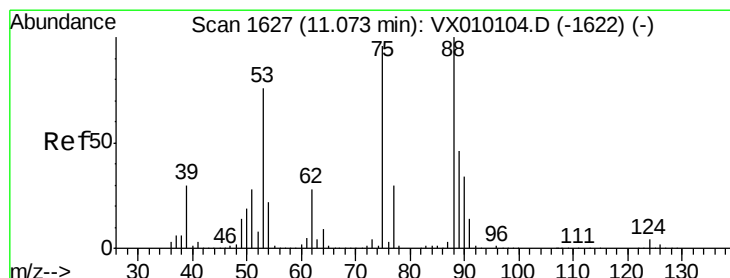
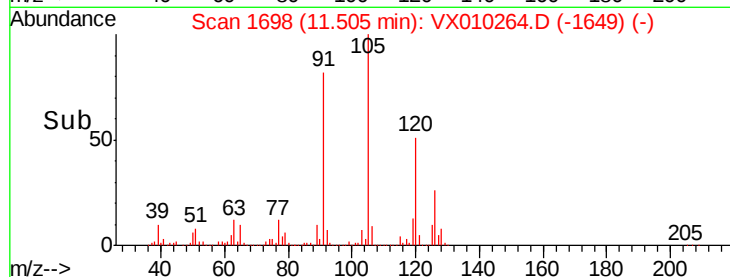
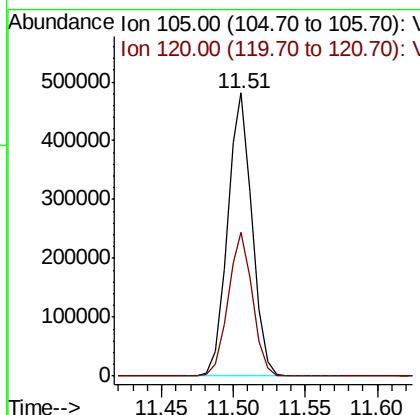
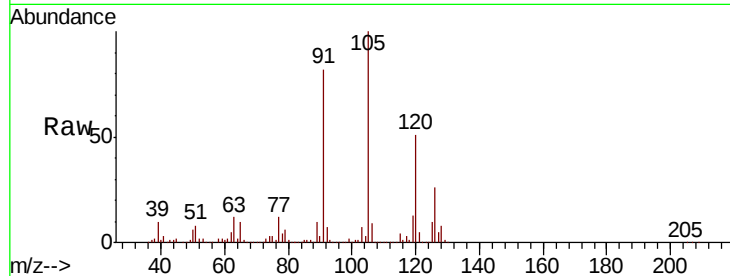




#80
 1,3,5-Trimethylbenzene
 Concen: 46.331 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

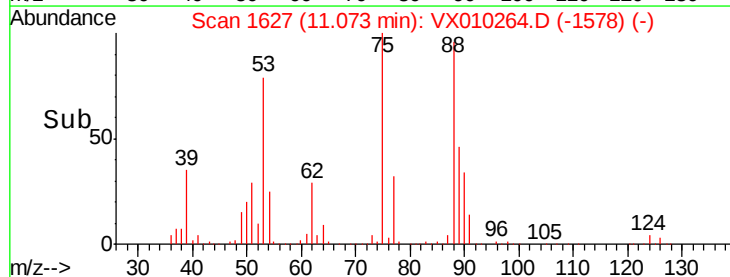
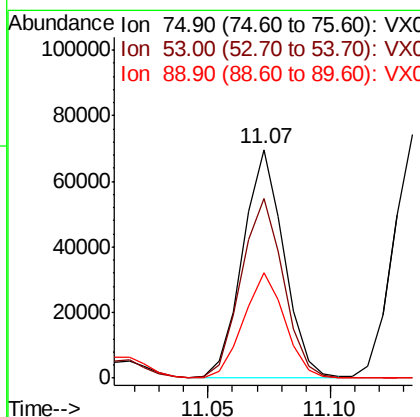
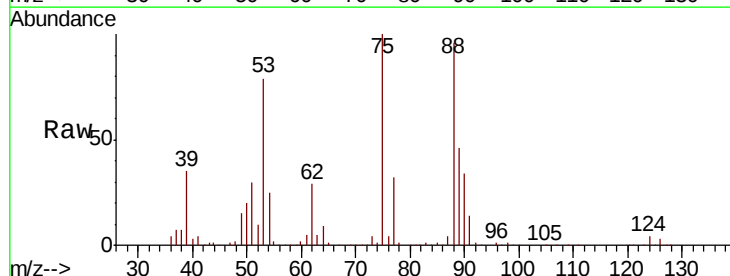
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611MSD

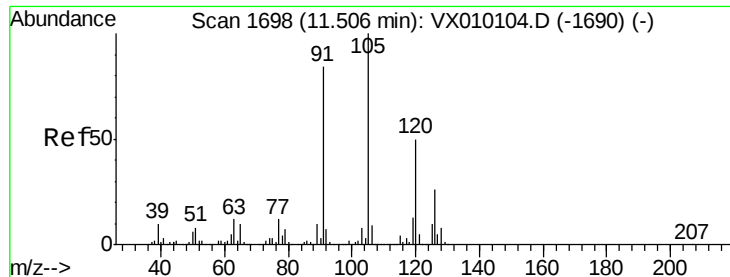
Tot Ion:105 Resp: 572630
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.642 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

Tgt Ion: 75 Resp: 81151
 Ion Ratio Lower Upper
 75 100
 53 80.8 79.8 119.6
 89 46.4 34.2 51.4





#82

4-Chlorotoluene

Concen: 46.902 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

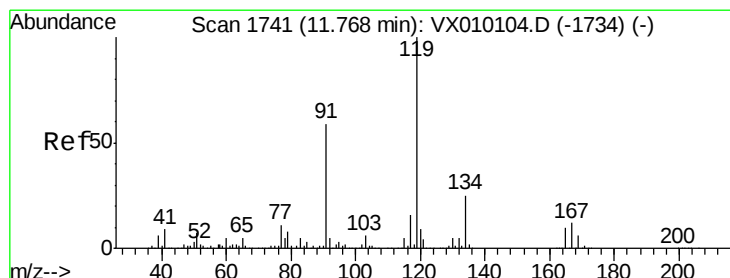
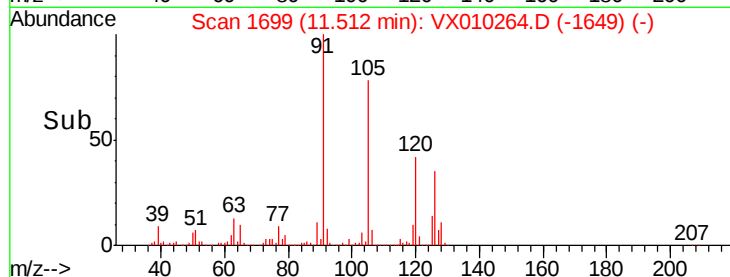
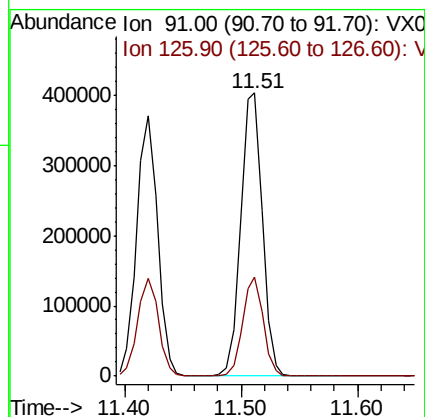
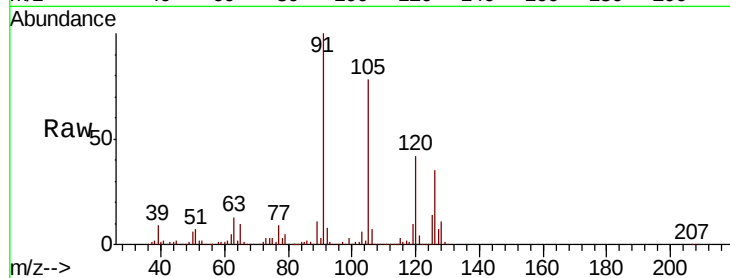
SS043MW010-190611MSD

Tot Ion: 91 Resp: 522757

Ion Ratio Lower Upper

91 100

126 33.3 14.2 42.6



#83

tert-Butylbenzene

Concen: 47.272 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

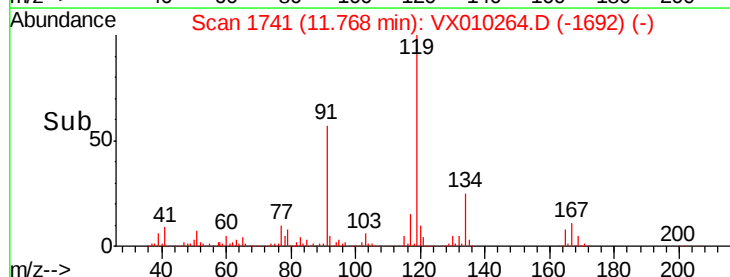
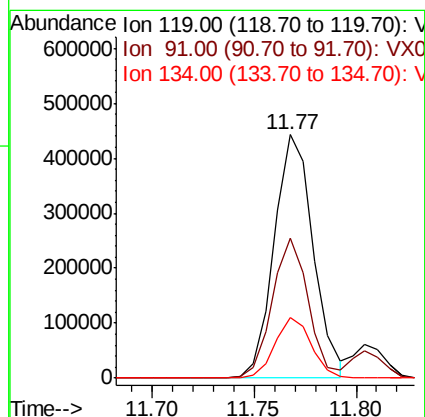
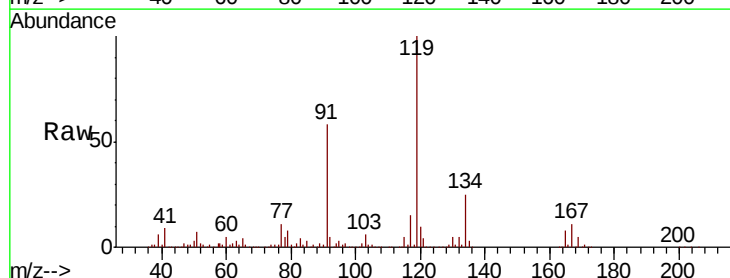
Tgt Ion: 119 Resp: 591364

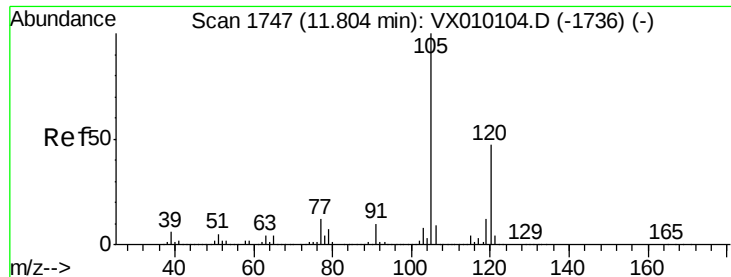
Ion Ratio Lower Upper

119 100

91 53.3 30.0 90.0

134 23.4 11.2 33.5

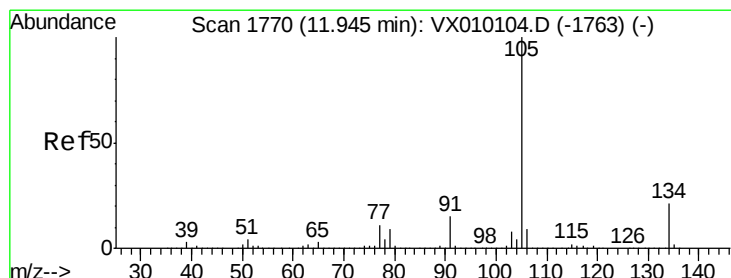
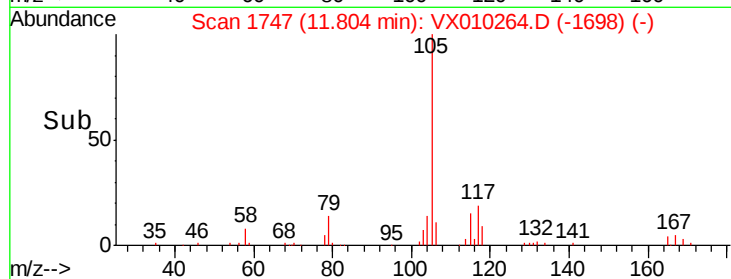
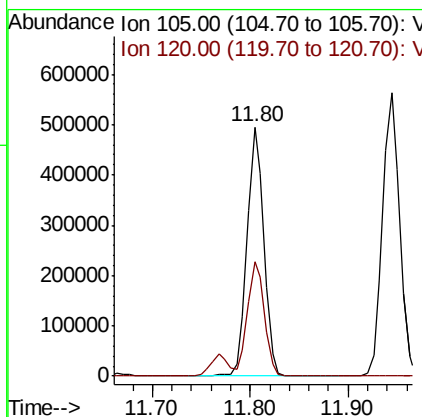
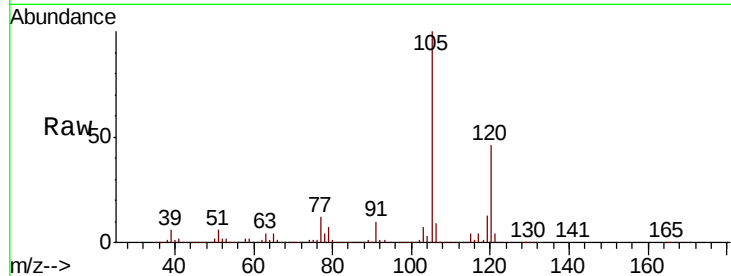




#84
 1,2,4-Trimethylbenzene
 Concen: 47.242 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

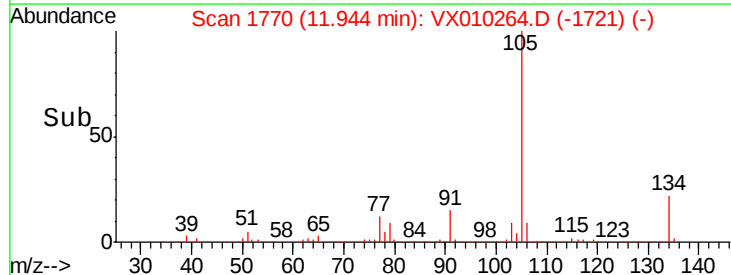
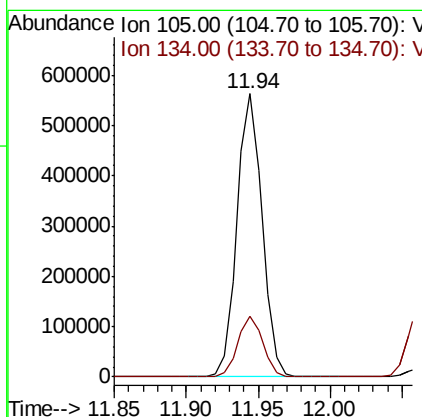
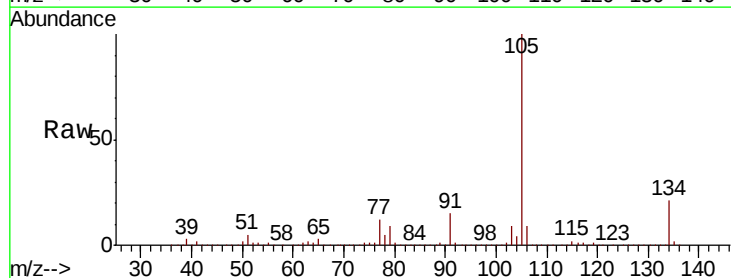
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611MSD

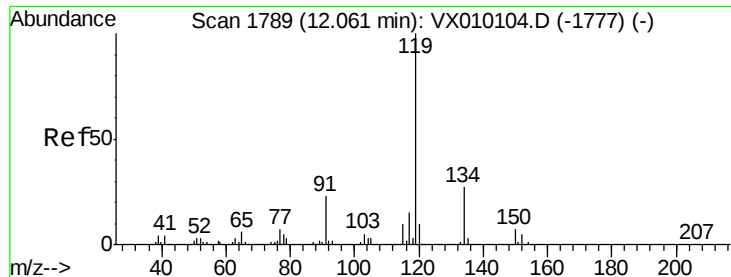
Tot Ion:105 Resp: 589791
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.1 66.1



#85
 sec-Butylbenzene
 Concen: 46.857 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

Tgt Ion:105 Resp: 682905
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.7 28.9

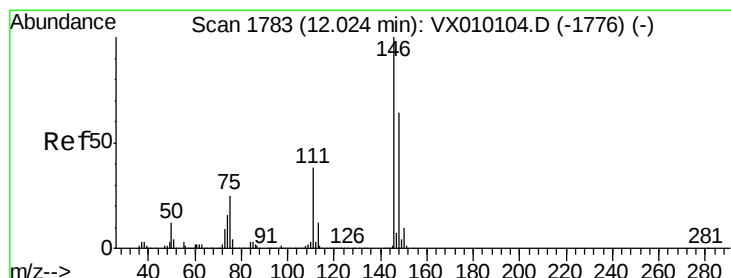
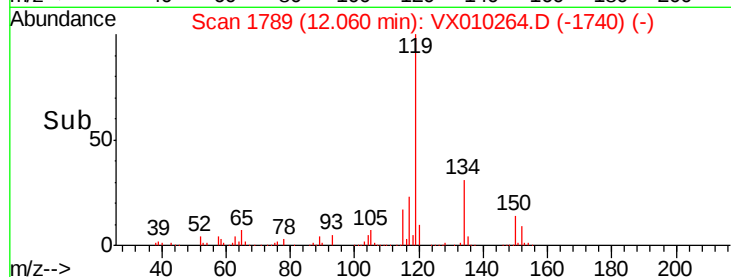
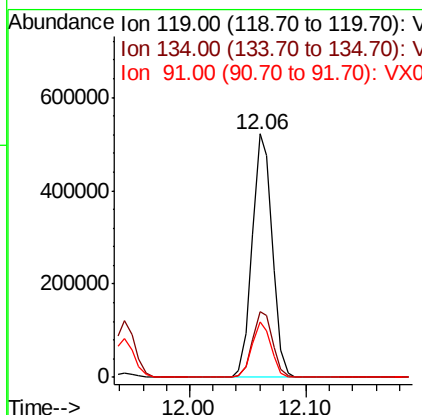
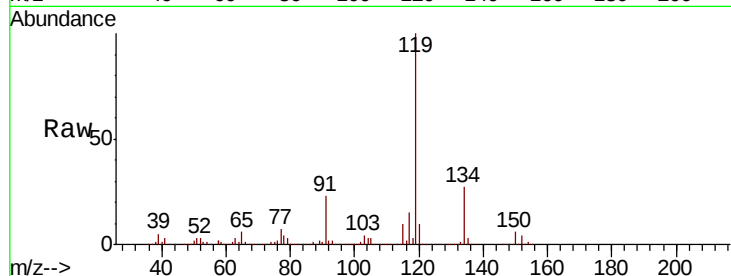




#86
 p-Isopropyltoluene
 Concen: 47.105 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

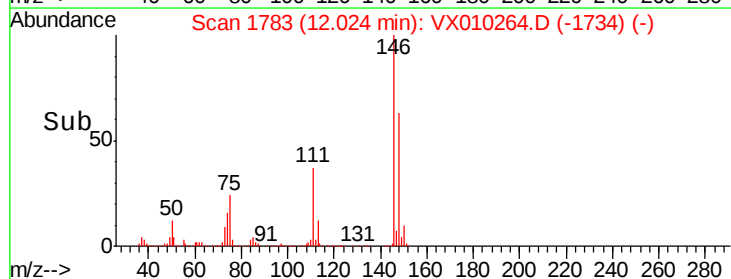
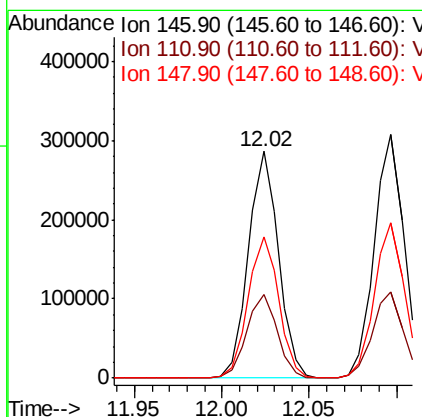
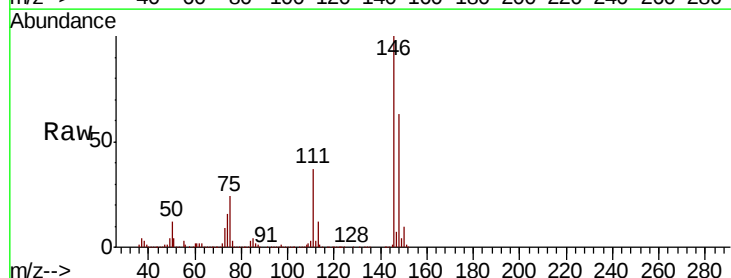
Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611MSD

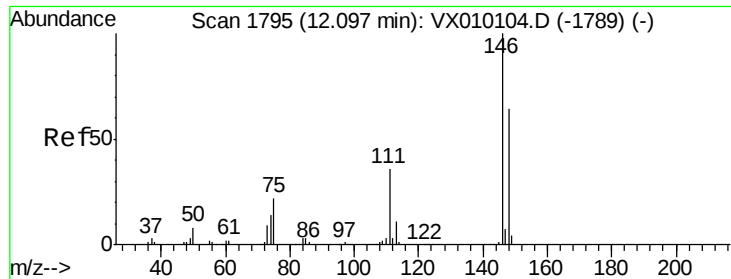
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	12.9	38.6
91	21.9	11.9	35.9



#87
 1,3-Dichlorobenzene
 Concen: 48.161 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	20.1	60.2
148	63.7	31.9	95.5





#88

1,4-Dichlorobenzene

Concen: 50.820 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

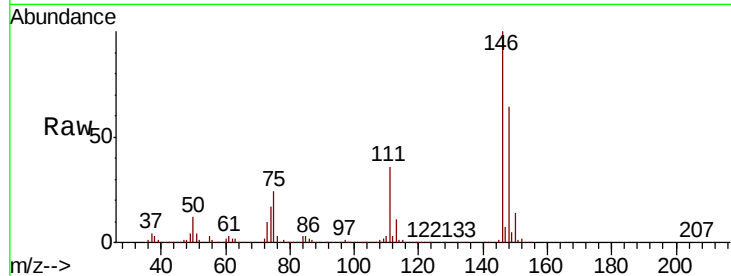
Tot Ion:146 Resp: 364139

Ion Ratio Lower Upper

146 100

111 36.4 20.0 59.9

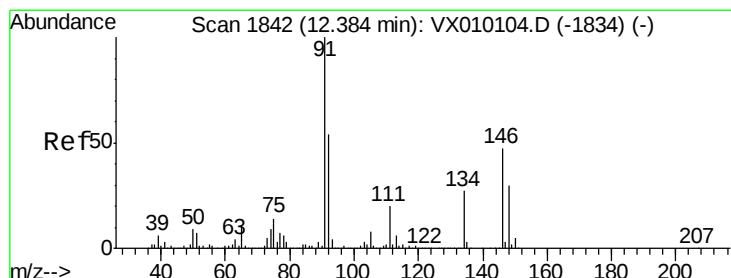
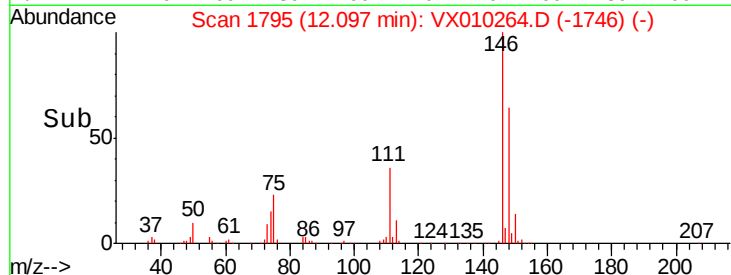
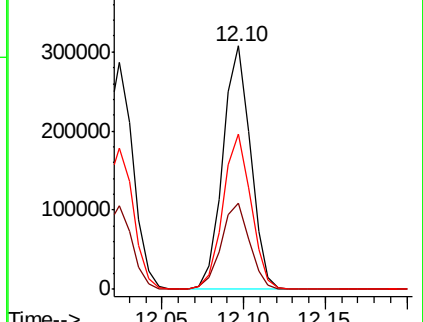
148 64.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 46.925 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

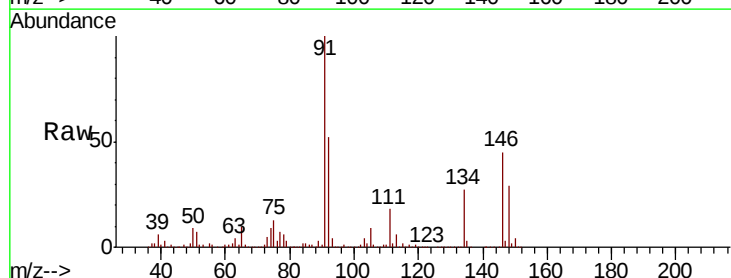
Tgt Ion: 91 Resp: 538171

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.8

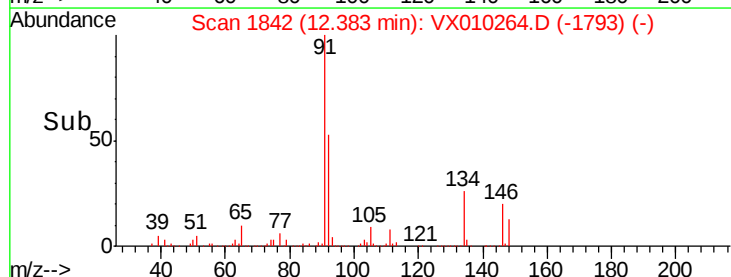
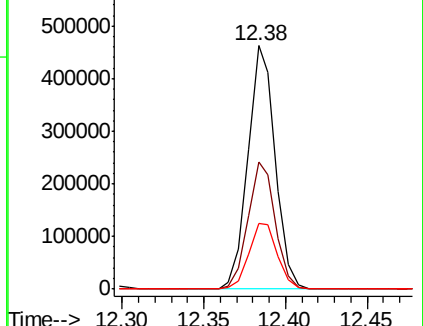
134 28.2 12.3 36.8

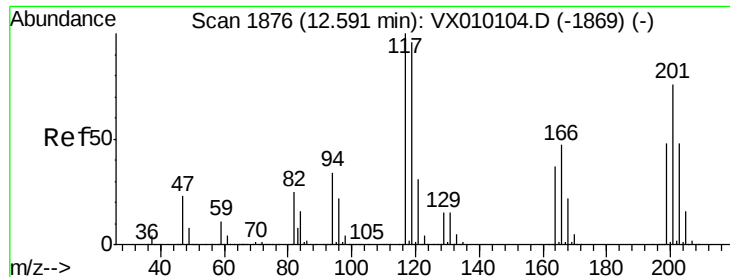


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

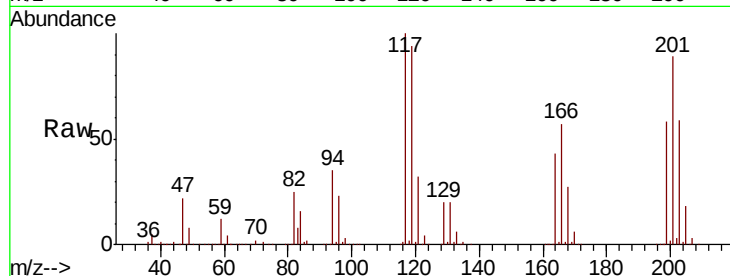




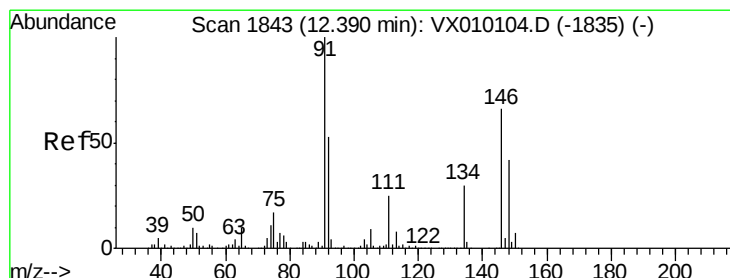
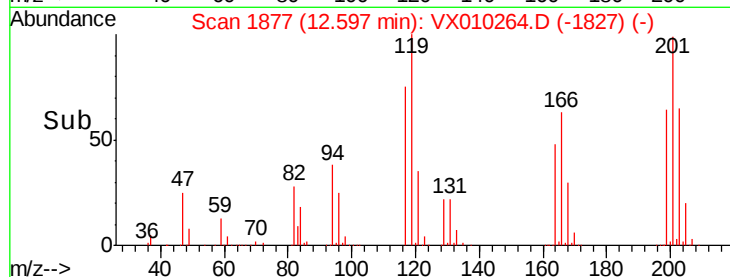
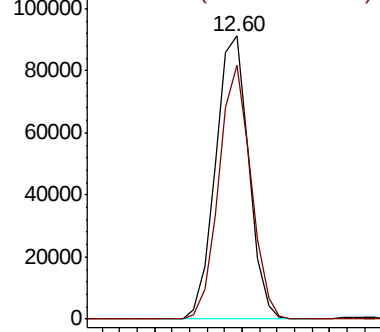
#90
Hexachloroethane
Concen: 45.253 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Instrument :
MSVOA_X
ClientSampleId :
SS043MW010-190611MSD

Tot Ion:117 Resp: 120108
Ion Ratio Lower Upper
117 100
201 86.6 43.6 130.9

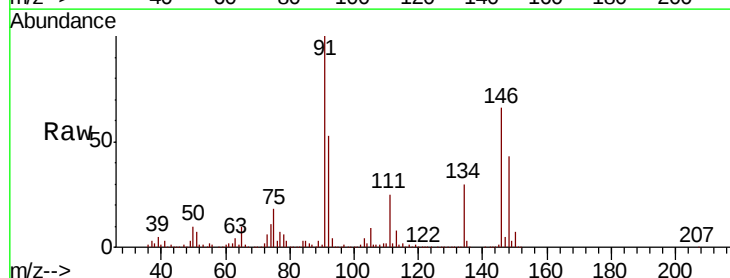


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

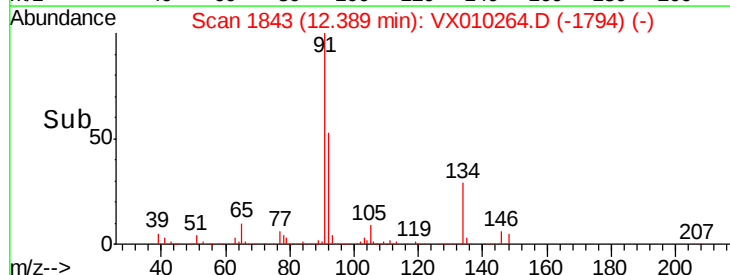
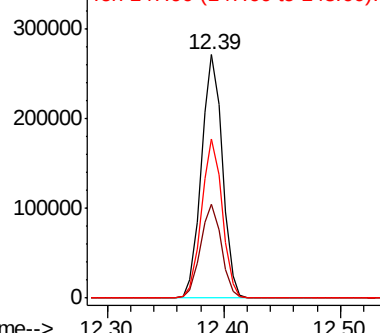


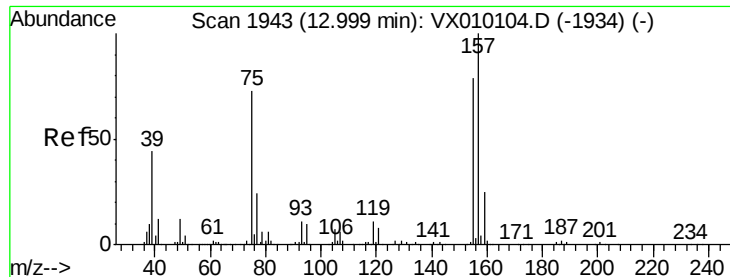
#91
1,2-Dichlorobenzene
Concen: 49.214 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX010264.D
Acq: 12 Jun 2019 20:28

Tgt Ion:146 Resp: 340079
Ion Ratio Lower Upper
146 100
111 38.4 21.1 63.1
148 64.4 32.3 96.8



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 43.353 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

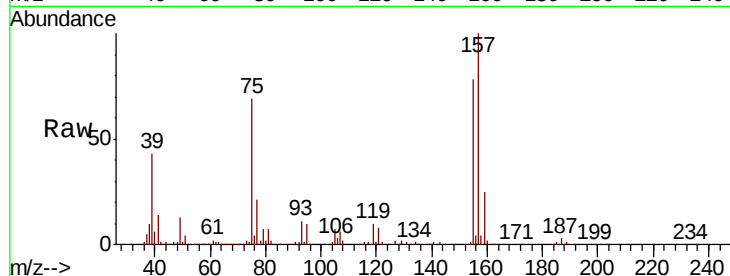
Tot Ion: 75 Resp: 51245

Ion Ratio Lower Upper

75 100

155 109.5 39.3 117.8

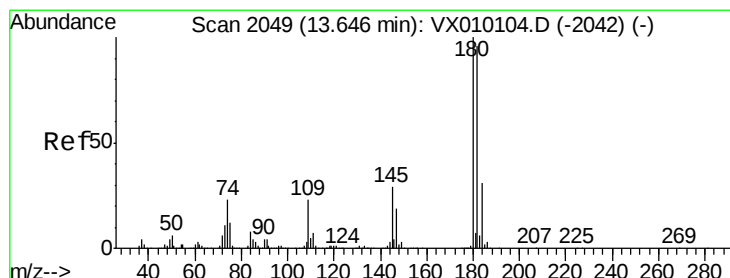
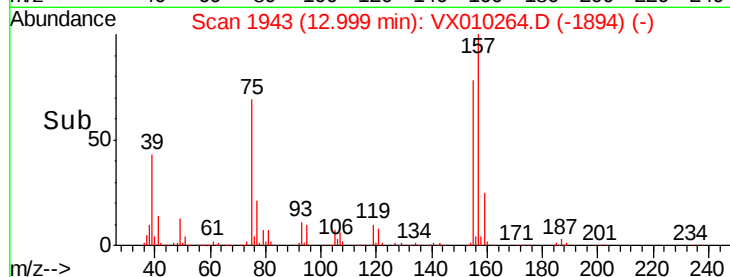
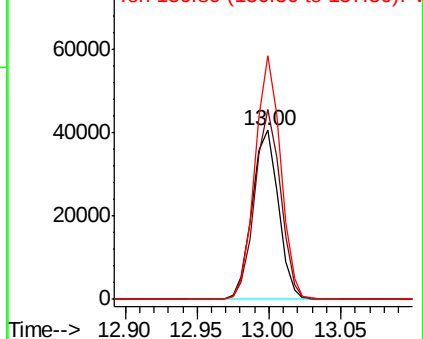
157 139.5 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): VX010104.D (-1934) (-)

Ion 154.80 (154.50 to 155.50): VX010104.D (-1934) (-)

Ion 156.80 (156.50 to 157.50): VX010104.D (-1934) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.410 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

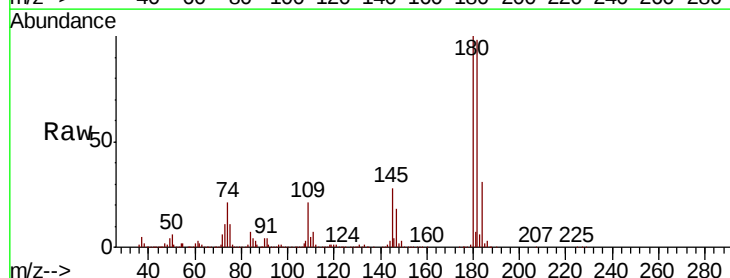
Tgt Ion: 180 Resp: 239808

Ion Ratio Lower Upper

180 100

182 95.8 47.4 142.2

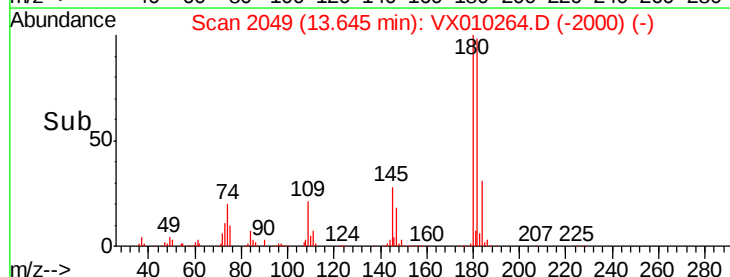
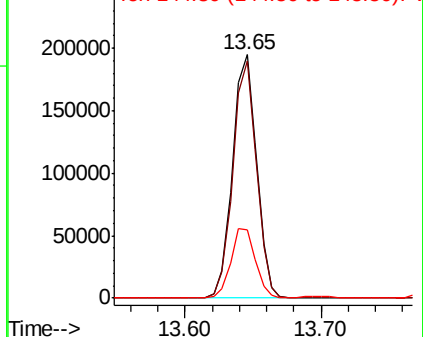
145 29.3 14.5 43.5

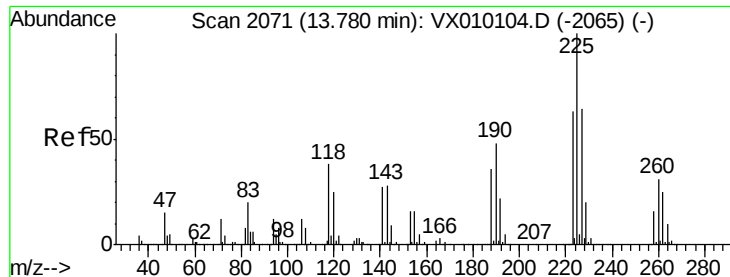


Abundance Ion 179.80 (179.50 to 180.50): VX010104.D (-2042) (-)

Ion 181.80 (181.50 to 182.50): VX010104.D (-2042) (-)

Ion 144.80 (144.50 to 145.50): VX010104.D (-2042) (-)





#94

Hexachlorobutadiene

Concen: 48.378 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

Instrument :

MSVOA_X

ClientSampleId :

SS043MW010-190611MSD

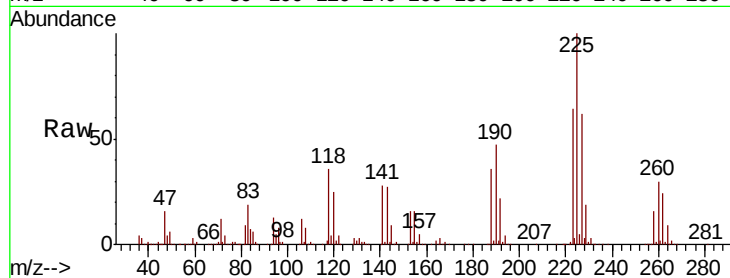
Tot Ion:225 Resp: 108829

Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 62.8 32.3 96.8

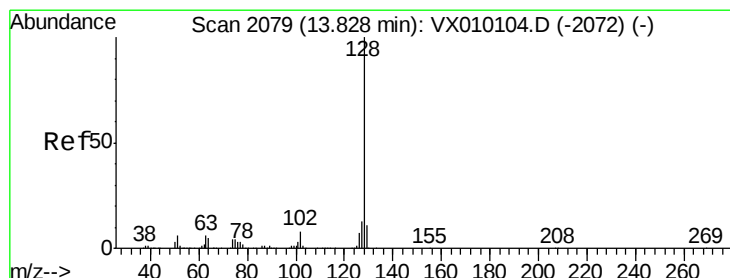
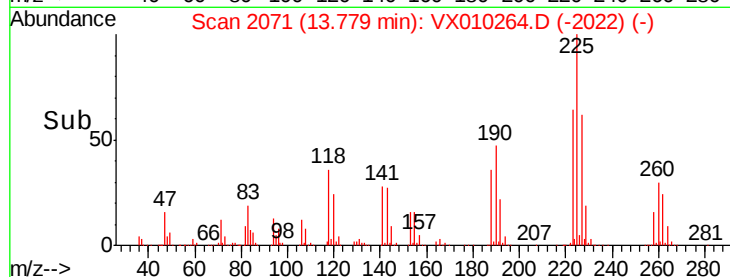
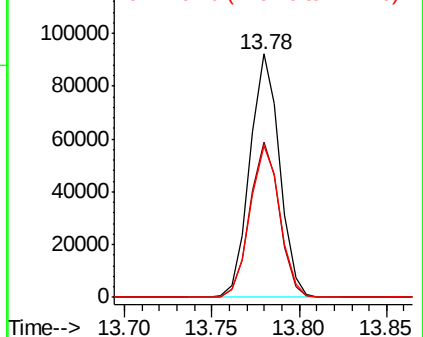


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 48.497 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010264.D

Acq: 12 Jun 2019 20:28

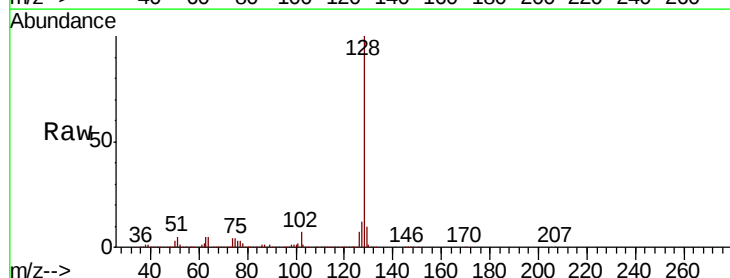
Tgt Ion:128 Resp: 772209

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.8 13.2

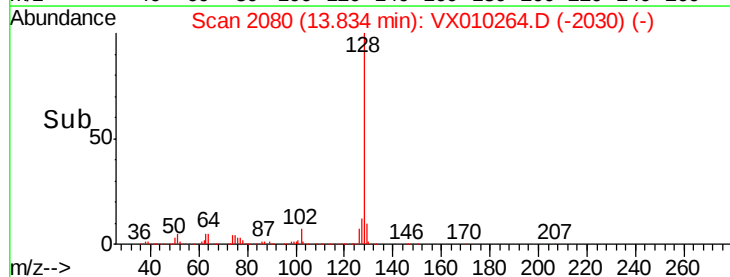
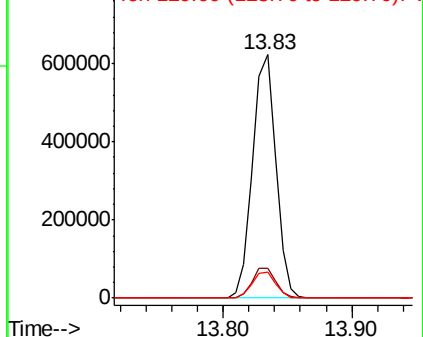


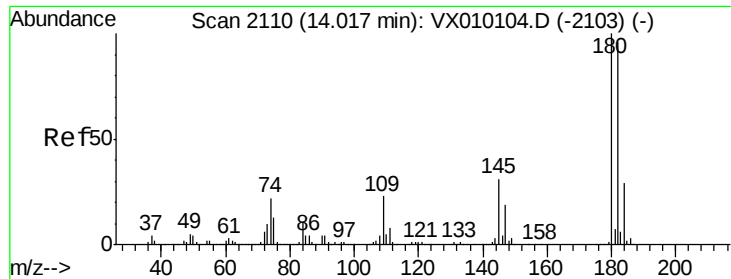
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

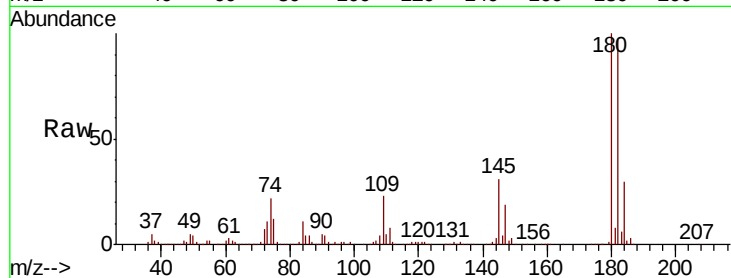




#96
 1,2,3-Trichlorobenzene
 Concen: 47.661 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX010264.D
 Acq: 12 Jun 2019 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 SS043MW010-190611MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.3	142.0
145	31.6	15.6	46.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

