

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004090.D
 Acq On : 15 Aug 2018 23:08
 Operator : JC/MD
 Sample : J4429-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Quant Time: Aug 16 05:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440190	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257887	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	208164	50.36	ug/l	0.00
Spiked Amount						
			Recovery	=	100.72%	
35) Dibromofluoromethane	5.50	113	171820	52.15	ug/l	0.00
Spiked Amount						
			Recovery	=	104.30%	
50) Toluene-d8	8.72	98	666727	49.92	ug/l	0.00
Spiked Amount						
			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.14	95	244901	50.55	ug/l	0.00
Spiked Amount						
			Recovery	=	101.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	139698	48.92	ug/l	100
3) Chloromethane	1.32	50	163679	46.71	ug/l	99
4) Vinyl Chloride	1.40	62	182648	48.17	ug/l	98
5) Bromomethane	1.64	94	102448	53.33	ug/l	99
6) Chloroethane	1.72	64	126592	50.79	ug/l	99
7) Trichlorofluoromethane	1.93	101	256516	48.23	ug/l	99
8) Diethyl Ether	2.18	74	113101	48.71	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	157432	47.45	ug/l	100
10) Methyl Iodide	2.51	142	169899	48.15	ug/l	99
11) Tert butyl alcohol	3.05	59	222141	266.88	ug/l	100
12) 1,1-Dichloroethene	2.37	96	149579	48.47	ug/l	100
13) Acrolein	2.29	56	119953	214.06	ug/l	99
14) Allyl chloride	2.73	41	275712	46.95	ug/l	97
15) Acrylonitrile	3.14	53	526143	253.53	ug/l	99
16) Acetone	2.44	43	542506	252.45	ug/l	99
17) Carbon Disulfide	2.57	76	416381	47.57	ug/l	98
18) Methyl Acetate	2.77	43	228986	47.95	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	526930	48.46	ug/l	99
20) Methylene Chloride	2.86	84	177297	50.48	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	166156	47.41	ug/l	98
22) Diisopropyl ether	3.87	45	590441	51.31	ug/l	98
23) Vinyl Acetate	3.82	43	2327572	246.28	ug/l	99
24) 1,1-Dichloroethane	3.70	63	330200	50.66	ug/l	100
25) 2-Butanone	4.70	43	878218	251.16	ug/l	100
26) 2,2-Dichloropropane	4.58	77	171722	33.14	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	188589	47.85	ug/l	96
28) Bromochloromethane	5.02	49	150644	50.38	ug/l	99
29) Tetrahydrofuran	5.15	42	453593	253.91	ug/l	100
30) Chloroform	5.21	83	323940	50.93	ug/l	98
31) Cyclohexane	5.57	56	268951	47.07	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	268417	50.50	ug/l	99
36) 1,1-Dichloropropene	5.80	75	237536	47.42	ug/l	100
37) Ethyl Acetate	4.86	43	249520	45.74	ug/l	99
38) Carbon Tetrachloride	5.78	117	247892	50.94	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004090.D
 Acq On : 15 Aug 2018 23:08
 Operator : JC/MD
 Sample : J4429-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Quant Time: Aug 16 05:55:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	271067	47.70	ug/l	97
40) Benzene	6.14	78	736079	48.94	ug/l	99
41) Methacrylonitrile	5.06	41	146394	47.92	ug/l	99
42) 1,2-Dichloroethane	6.20	62	254686	48.37	ug/l	100
43) Isopropyl Acetate	6.46	43	381414	47.44	ug/l	100
44) Trichloroethene	7.21	130	218808	53.59	ug/l	95
45) 1,2-Dichloropropane	7.52	63	189322	49.17	ug/l	99
46) Dibromomethane	7.67	93	123989	49.27	ug/l	99
47) Bromodichloromethane	7.90	83	238973	50.14	ug/l	99
48) Methyl methacrylate	7.78	41	214015	52.88	ug/l	99
49) 1,4-Dioxane	7.76	88	98905	1085.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1761509	267.19	ug/l	100
52) Toluene	8.79	92	475235	49.96	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	254923	49.52	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	268796	47.14	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	191695	48.80	ug/l	99
56) Ethyl methacrylate	9.18	69	282402	52.87	ug/l	99
57) 1,3-Dichloropropane	9.37	76	321601	49.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.24	63	637	0.23	ug/l #	45
59) 2-Hexanone	9.50	43	1363532	274.81	ug/l	100
60) Dibromochloromethane	9.59	129	193969	51.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	201946	50.43	ug/l	99
64) Tetrachloroethene	9.34	164	197210	49.65	ug/l	94
65) Chlorobenzene	10.14	112	527800	48.75	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	189095	51.21	ug/l	98
67) Ethyl Benzene	10.25	91	885548	51.66	ug/l	97
68) m/p-Xylenes	10.36	106	710827	105.89	ug/l	94
69) o-Xylene	10.70	106	338892	52.83	ug/l	96
70) Styrene	10.71	104	577333	53.47	ug/l	98
71) Bromoform	10.86	173	149817	51.17	ug/l	99
73) Isopropylbenzene	11.02	105	904884	51.85	ug/l	97
74) N-amyl acetate	6.46	43	381414	46.47	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	305605	50.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	334240	64.63	ug/l	86
77) Bromobenzene	11.26	156	237899	49.45	ug/l	99
78) n-propylbenzene	11.36	91	1036603	53.08	ug/l	100
79) 2-Chlorotoluene	11.42	91	614471	51.63	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	757148	52.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	80221	48.02	ug/l	99
82) 4-Chlorotoluene	11.51	91	721512	51.28	ug/l	99
83) tert-Butylbenzene	11.77	119	755604	52.44	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	776797	52.49	ug/l	99
85) sec-Butylbenzene	11.95	105	885290	52.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	795993	52.14	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	443175	48.30	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	438545	46.44	ug/l	99
89) n-Butylbenzene	12.39	91	591665	49.18	ug/l	99
90) Hexachloroethane	12.60	117	112723	49.35	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	378335	45.72	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54962	51.31	ug/l	98

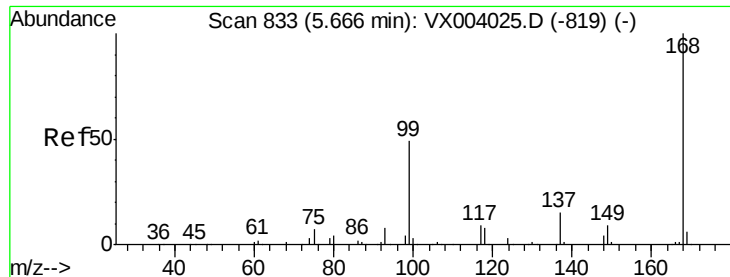
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
Data File : VX004090.D
Acq On : 15 Aug 2018 23:08
Operator : JC/MD
Sample : J4429-07MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Quant Time: Aug 16 05:55:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	275468	48.70	ug/l	96
94) Hexachlorobutadiene	13.79	225	124557	43.93	ug/l	99
95) Naphthalene	13.83	128	947618	52.50	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	314901	51.05	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

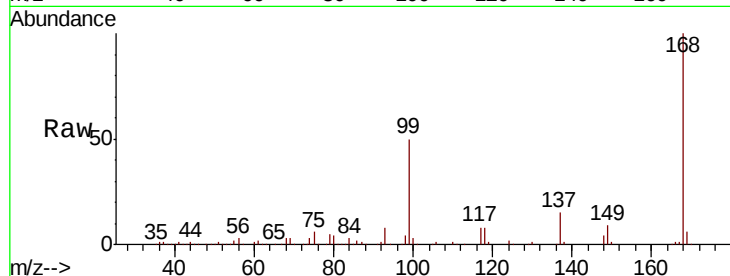
MW-295-SRI3MSD

Tot Ion:168 Resp: 293362

Ion Ratio Lower Upper

168 100

99 50.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

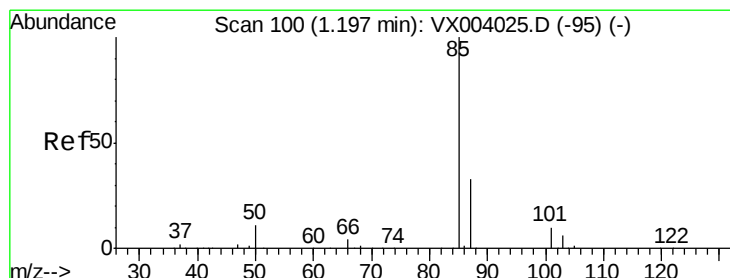
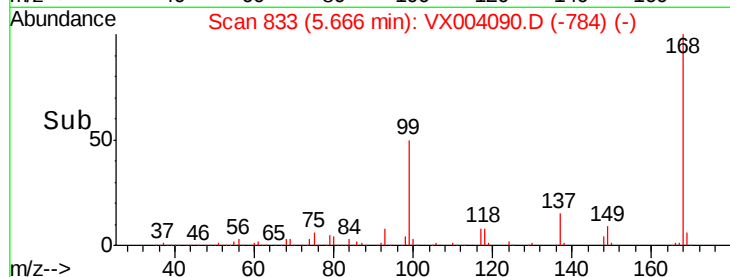
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.92 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004090.D

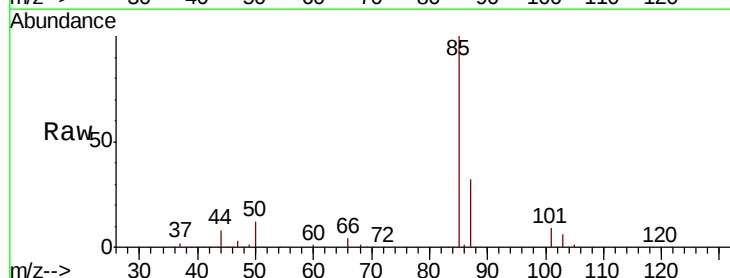
Acq: 15 Aug 2018 23:08

Tgt Ion: 85 Resp: 139698

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

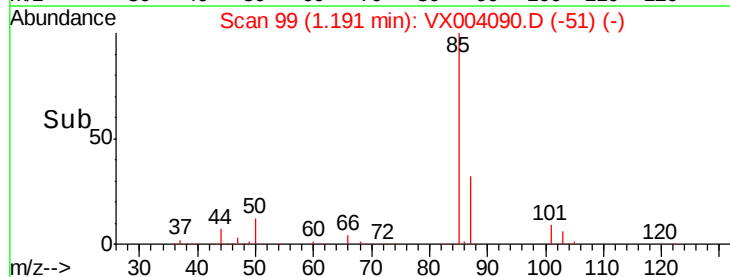
1.19

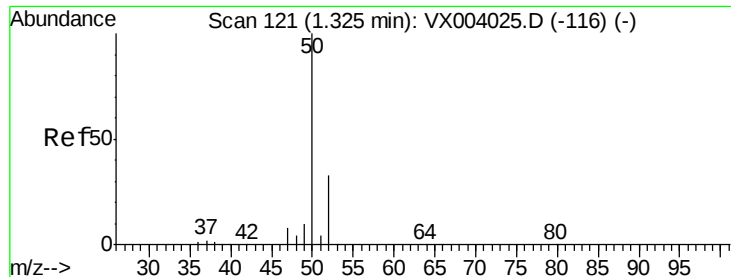
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 46.71 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

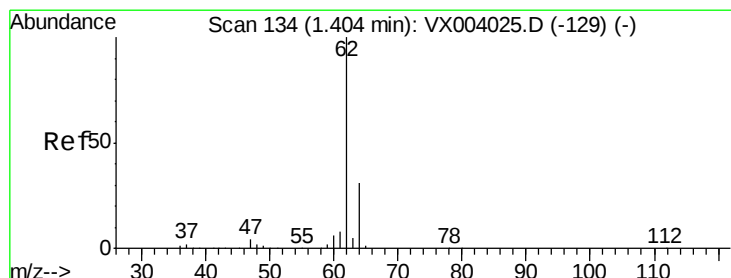
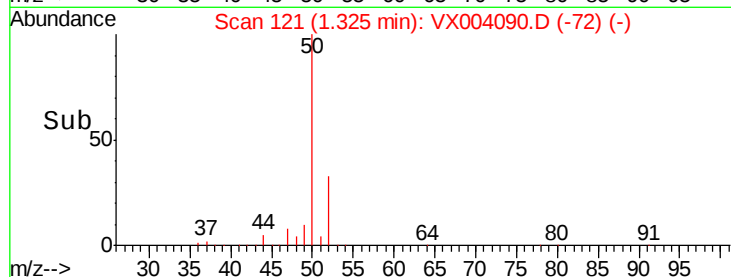
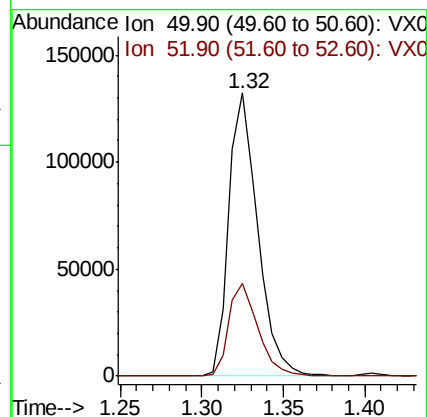
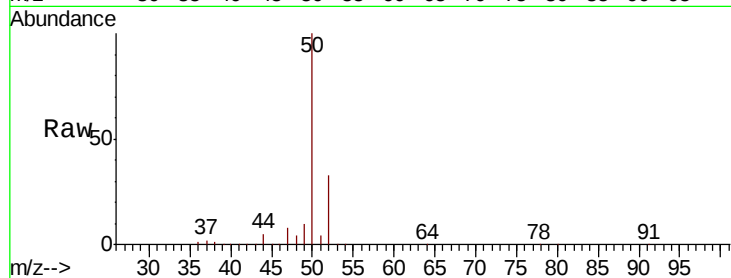
MW-295-SRI3MSD

Tot Ion: 50 Resp: 163679

Ion Ratio Lower Upper

50 100

52 32.8 26.6 39.8



#4

Vinyl Chloride

Concen: 48.17 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004090.D

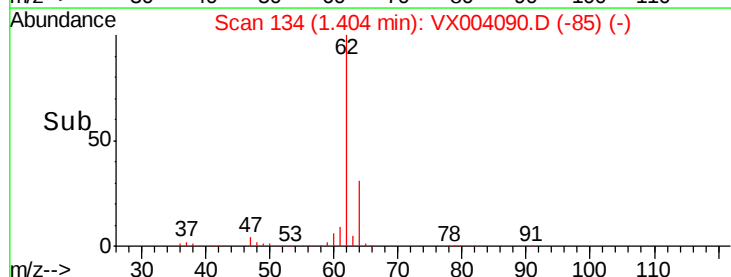
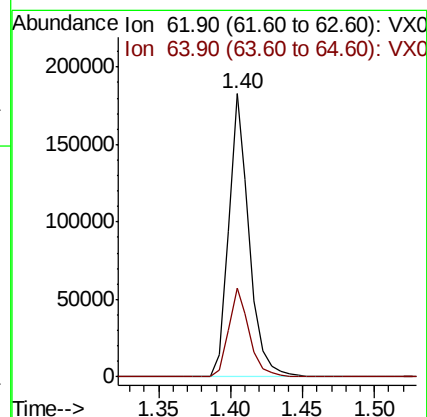
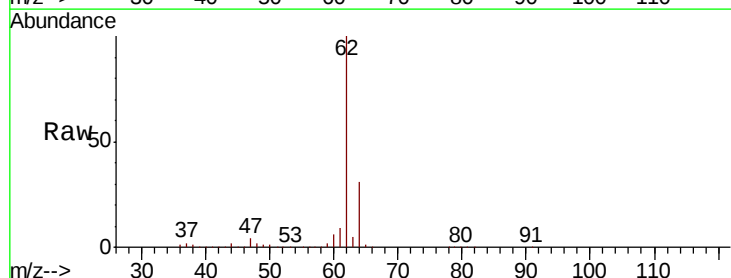
Acq: 15 Aug 2018 23:08

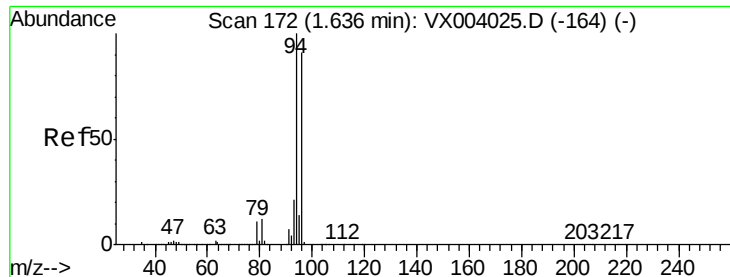
Tgt Ion: 62 Resp: 182648

Ion Ratio Lower Upper

62 100

64 31.3 26.0 39.0





#5

Bromomethane

Concen: 53.33 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

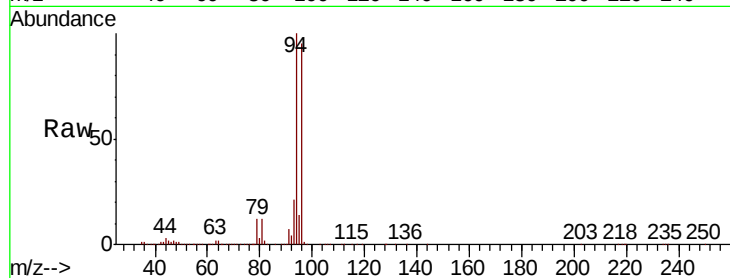
MW-295-SRI3MSD

Tot Ion: 94 Resp: 102448

Ion Ratio Lower Upper

94 100

96 95.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

60000

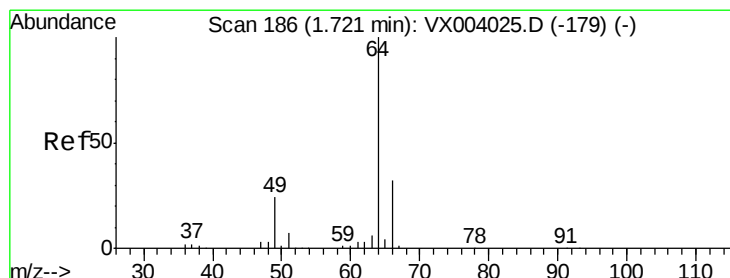
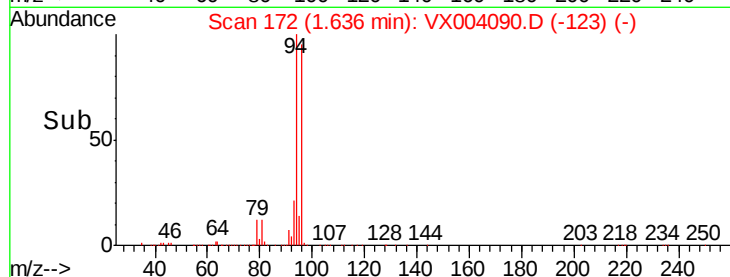
40000

20000

0

Time-->

1.50 1.60 1.70



#6

Chloroethane

Concen: 50.79 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004090.D

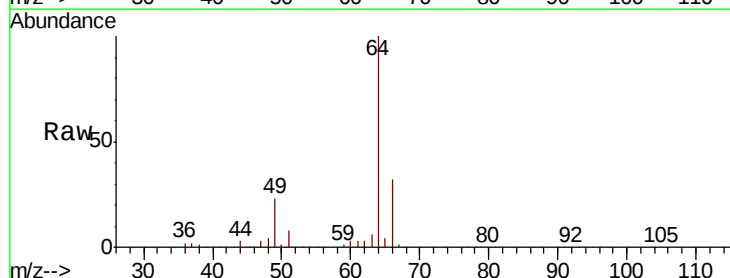
Acq: 15 Aug 2018 23:08

Tgt Ion: 64 Resp: 126592

Ion Ratio Lower Upper

64 100

66 32.4 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

60000

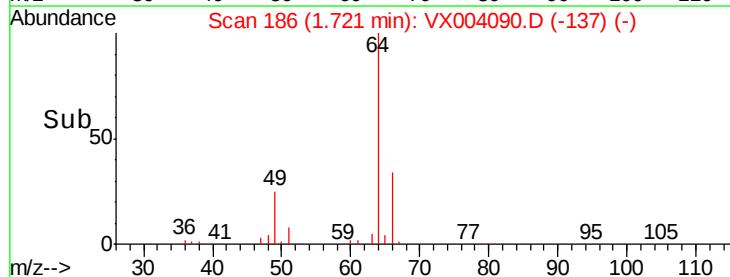
40000

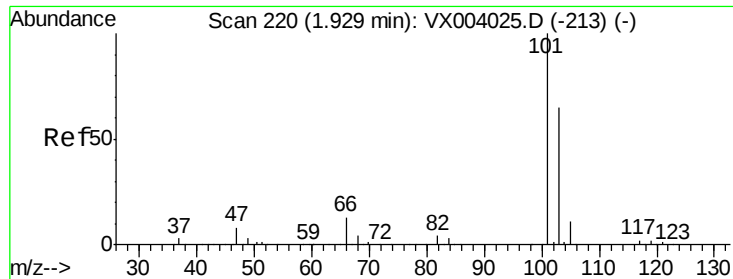
20000

0

Time-->

1.65 1.70 1.75 1.80 1.85





#7

Trichlorofluoromethane

Concen: 48.23 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

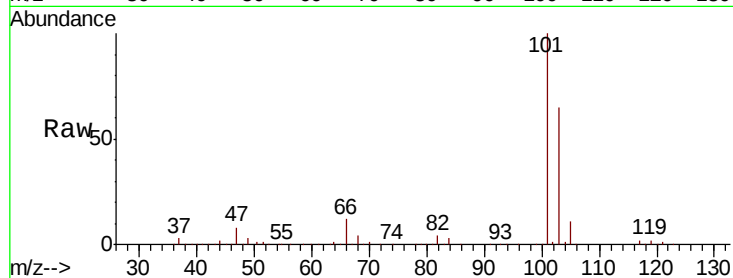
MW-295-SRI3MSD

Tot Ion:101 Resp: 256516

Ion Ratio Lower Upper

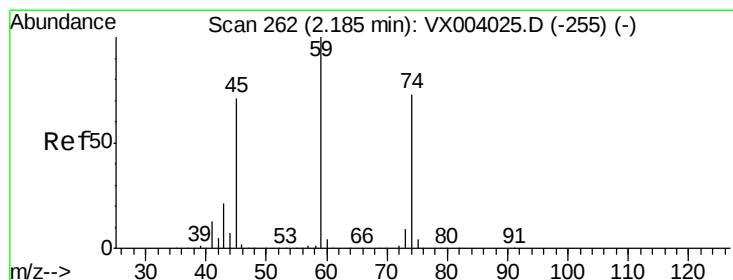
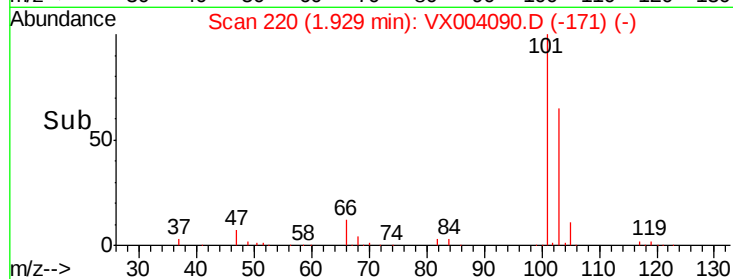
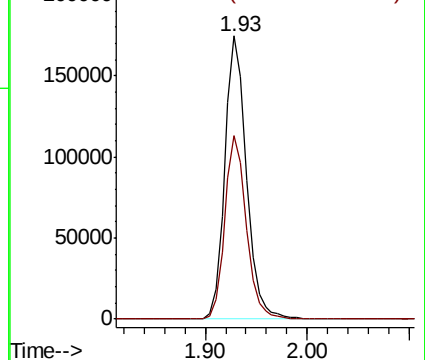
101 100

103 64.8 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.71 ug/l

RT: 2.18 min Scan# 262

Delta R.T. 0.00 min

Lab File: VX004090.D

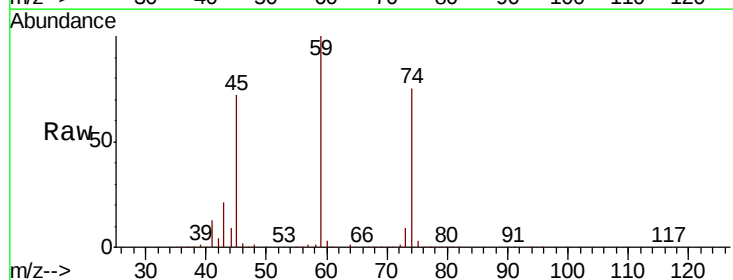
Acq: 15 Aug 2018 23:08

Tgt Ion: 74 Resp: 113101

Ion Ratio Lower Upper

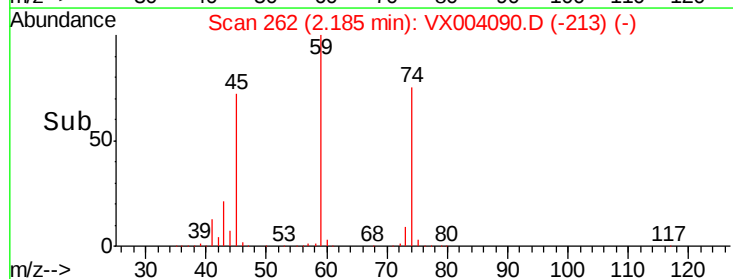
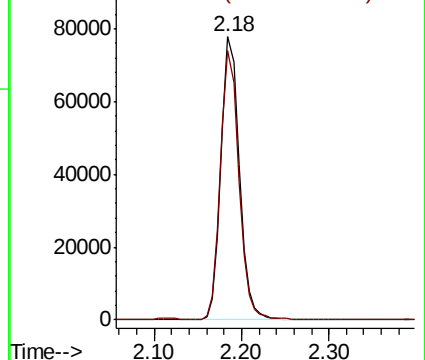
74 100

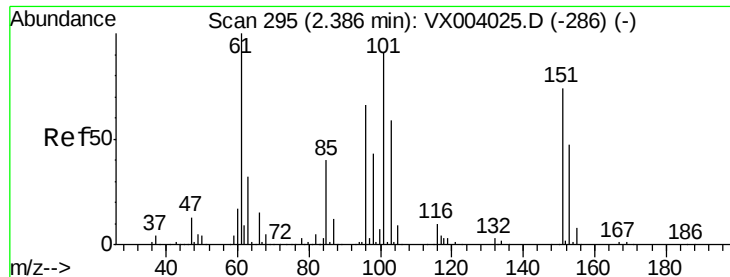
45 95.1 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.45 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

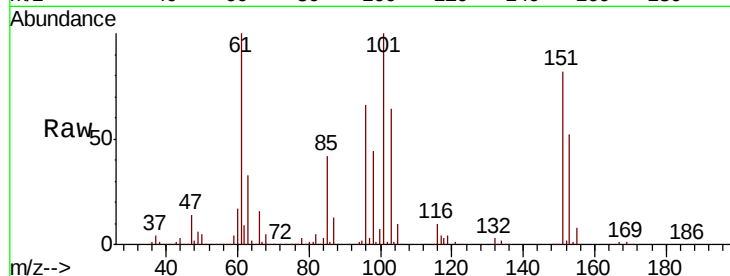
Tot Ion:101 Resp: 157432

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

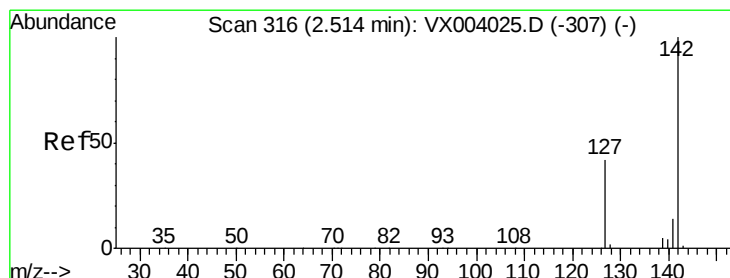
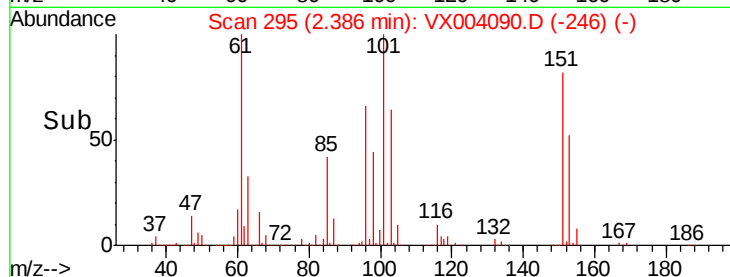
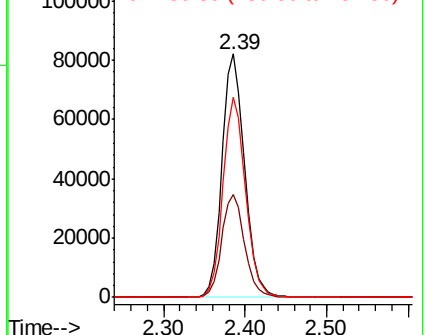
151 81.7 65.0 97.4



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: 48.15 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

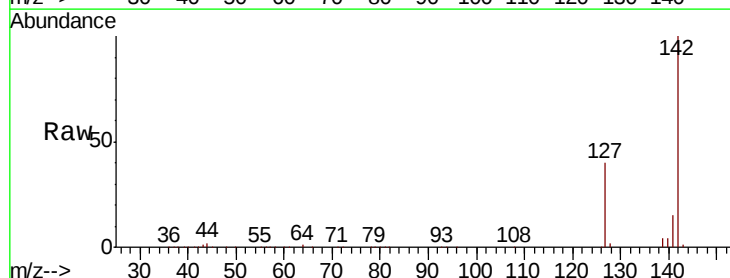
Tgt Ion:142 Resp: 169899

Ion Ratio Lower Upper

142 100

127 42.0 33.1 49.7

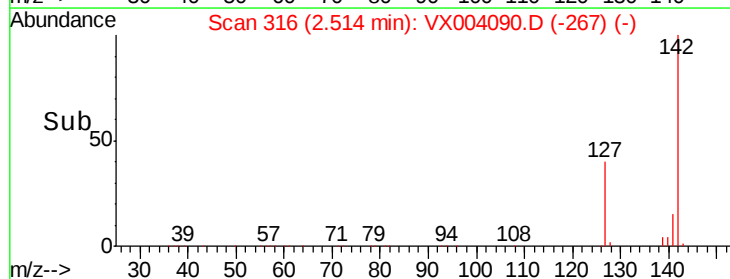
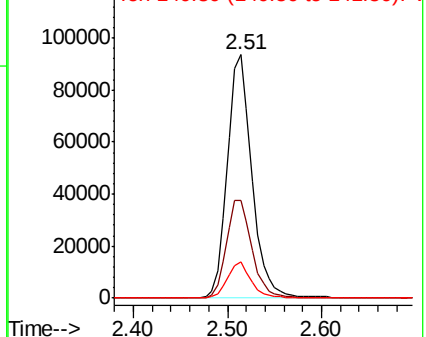
141 14.4 11.1 16.7

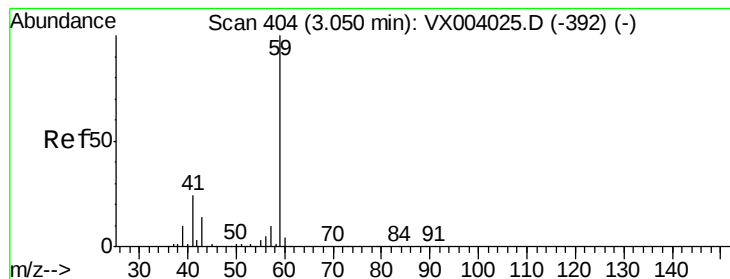


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



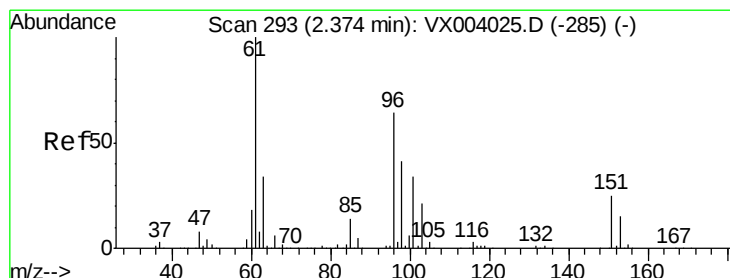
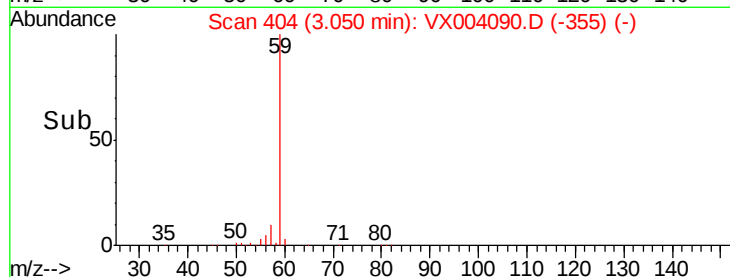
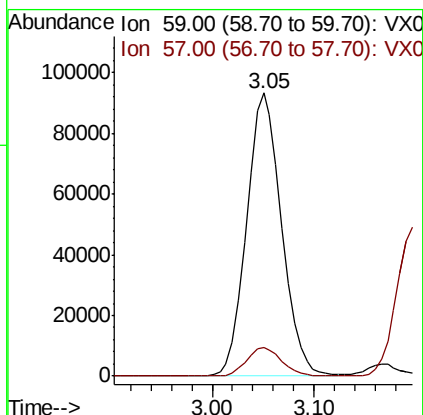
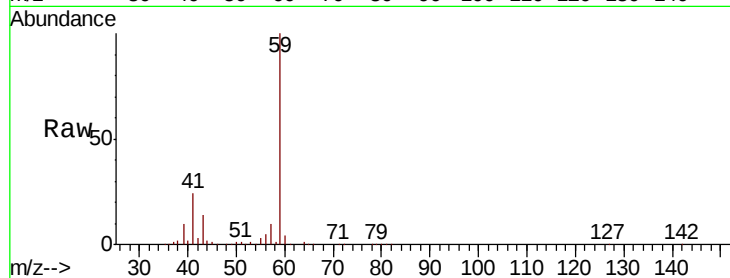


#11

Tert butyl alcohol
 Concen: 266.88 ug/l
 RT: 3.05 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

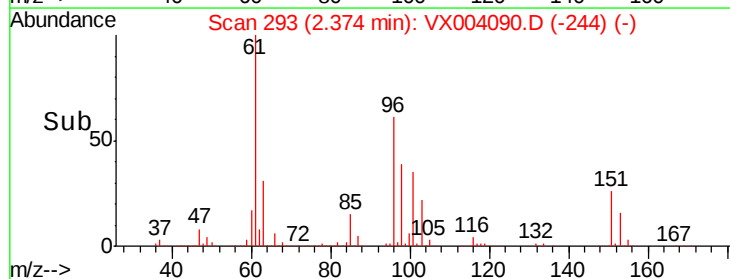
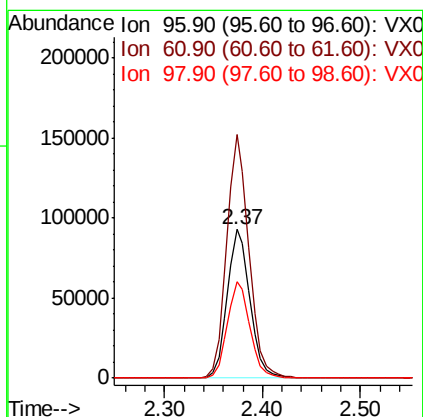
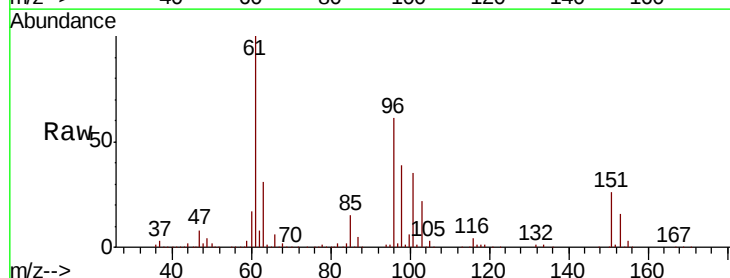
Tot Ion: 59 Resp: 222141
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.1 12.1

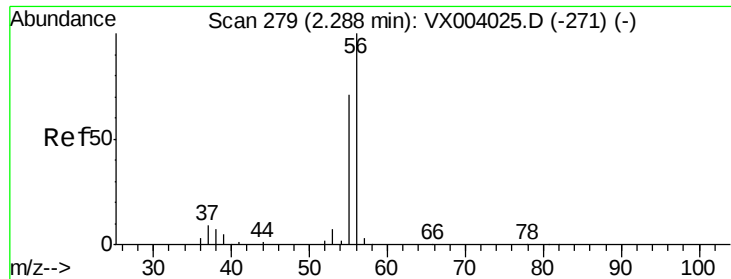


#12

1,1-Dichloroethene
 Concen: 48.47 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion: 96 Resp: 149579
 Ion Ratio Lower Upper
 96 100
 61 163.7 131.3 196.9
 98 64.6 51.8 77.6

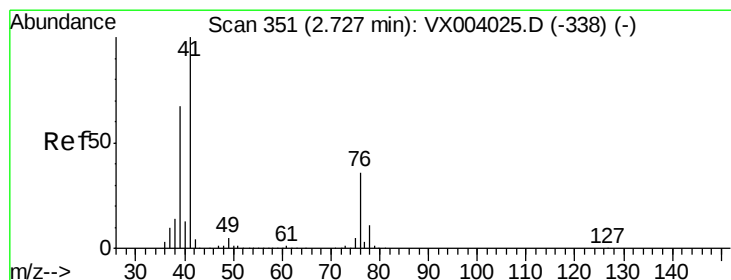
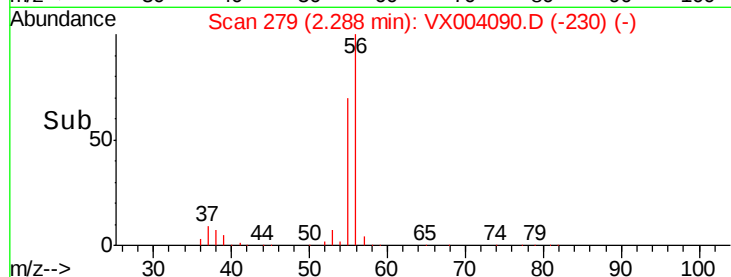
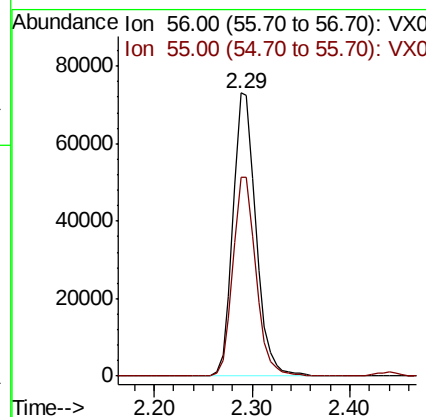
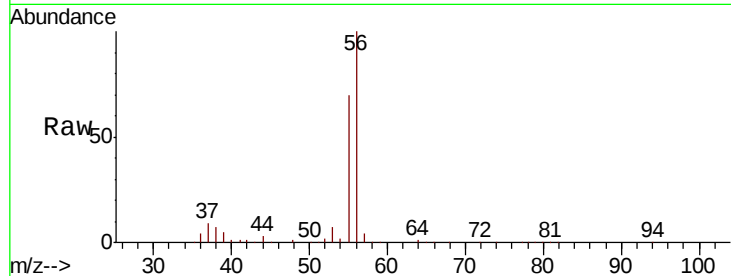




#13
Acrolein
Concen: 214.06 ug/l
RT: 2.29 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

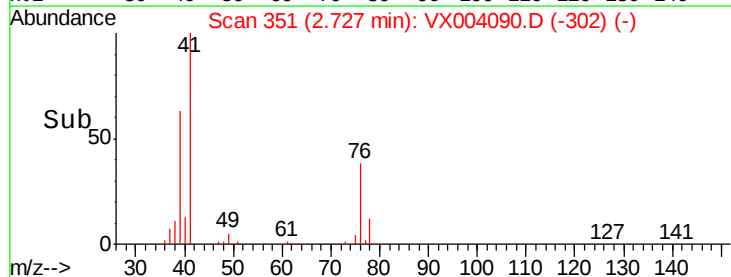
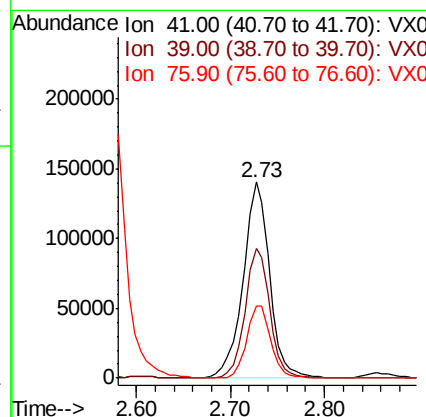
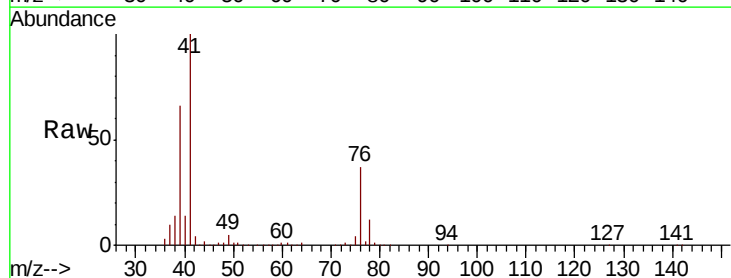
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

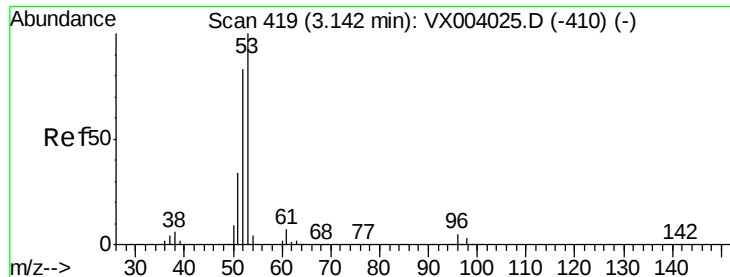
Tot Ion: 56 Resp: 119953
Ion Ratio Lower Upper
56 100
55 70.6 56.1 84.1



#14
Allyl chloride
Concen: 46.95 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion: 41 Resp: 275712
Ion Ratio Lower Upper
41 100
39 61.9 47.4 71.0
76 33.7 26.0 39.0





#15

Acrylonitrile

Concen: 253.53 ug/l

RT: 3.14 min Scan# 419

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

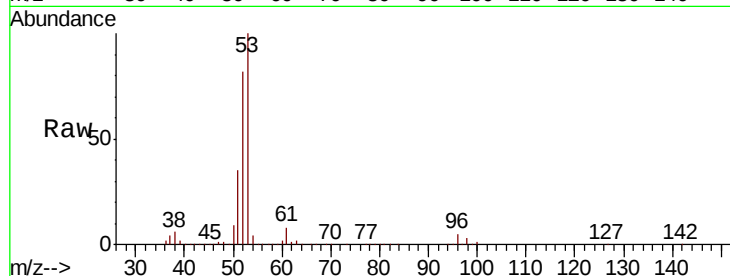
Tot Ion: 53 Resp: 526143

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

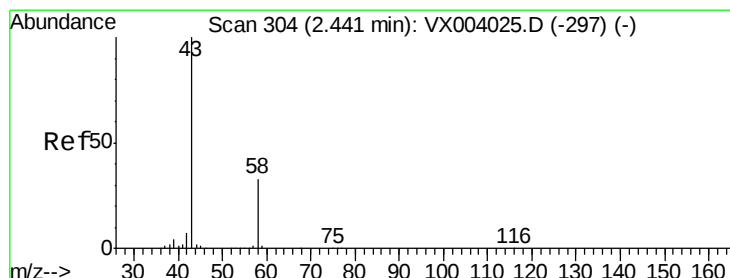
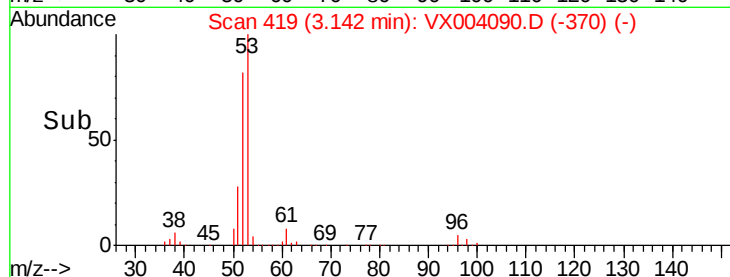
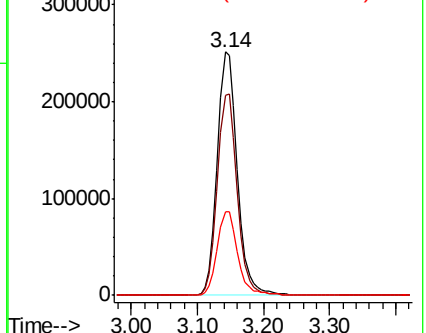
51 35.2 27.9 41.9



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: 252.45 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004090.D

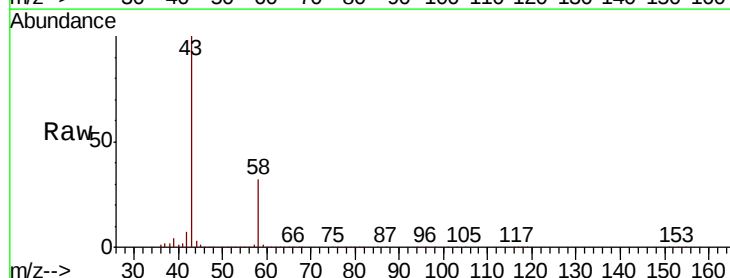
Acq: 15 Aug 2018 23:08

Tgt Ion: 43 Resp: 542506

Ion Ratio Lower Upper

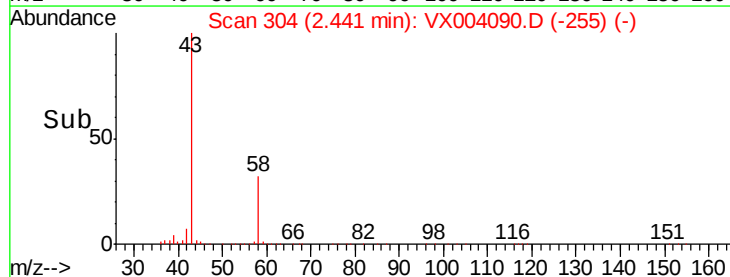
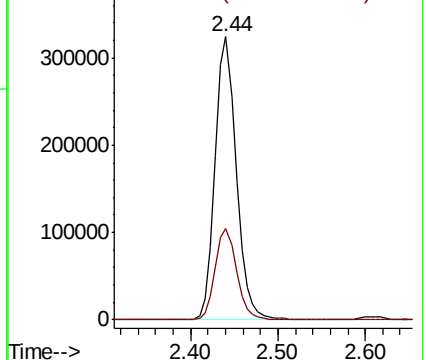
43 100

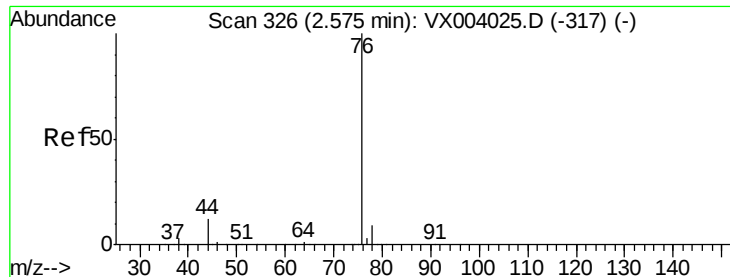
58 32.4 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

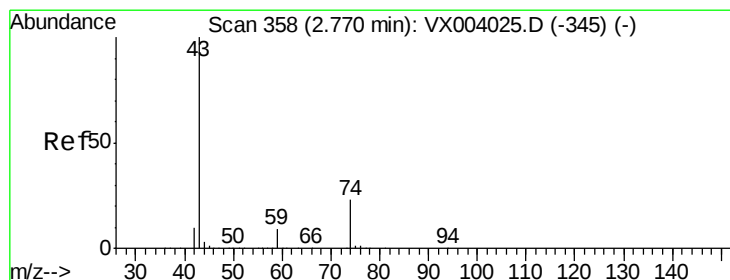
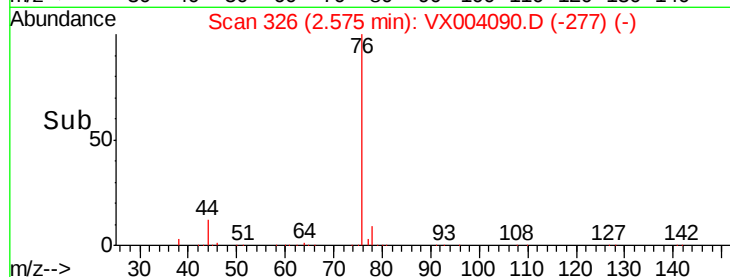
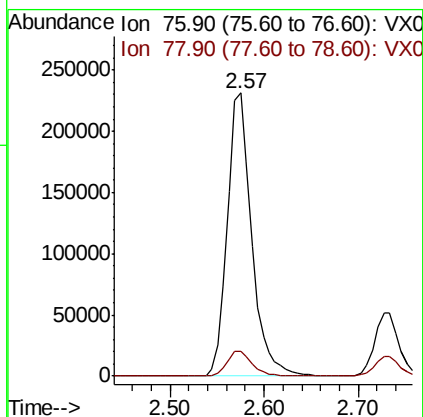
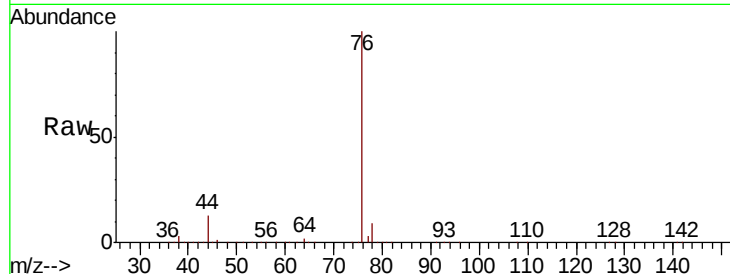




#17
Carbon Disulfide
Concen: 47.57 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

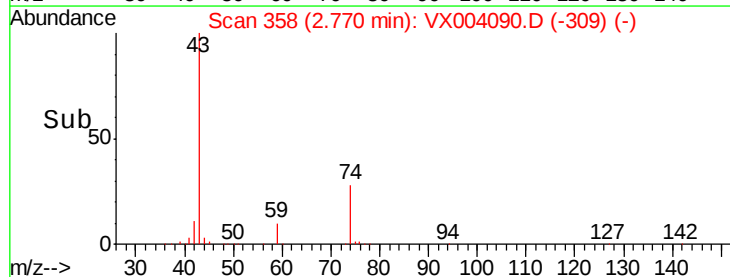
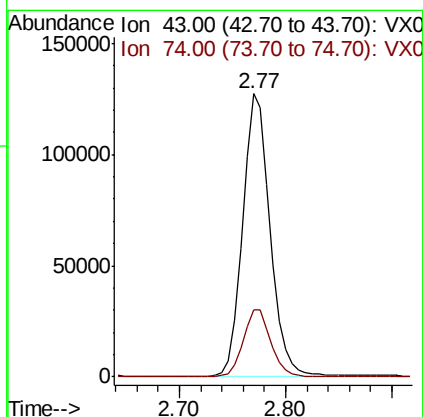
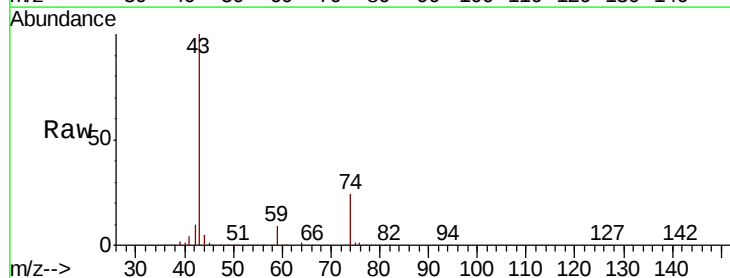
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

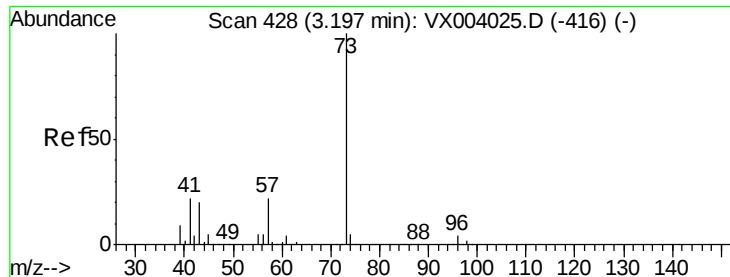
Tot Ion: 76 Resp: 416381
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 47.95 ug/l
RT: 2.77 min Scan# 358
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion: 43 Resp: 228986
Ion Ratio Lower Upper
43 100
74 24.5 18.9 28.3

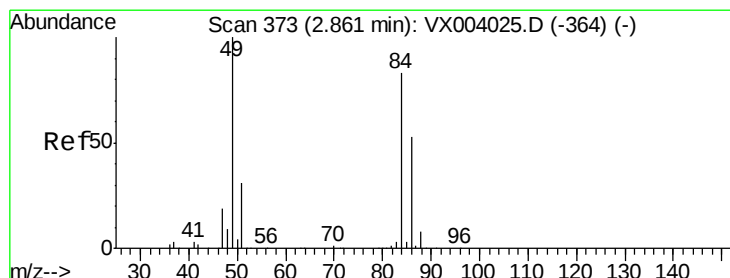
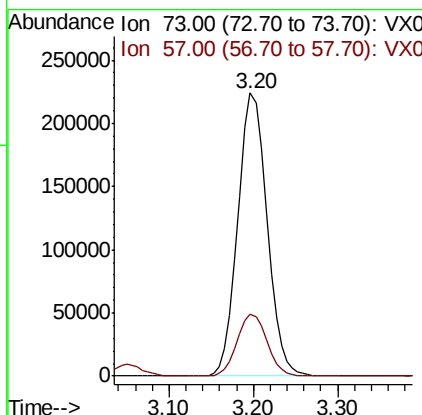
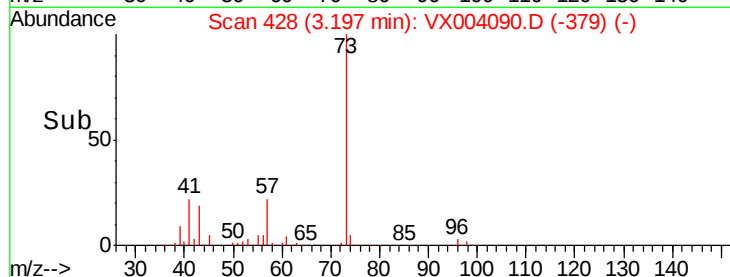
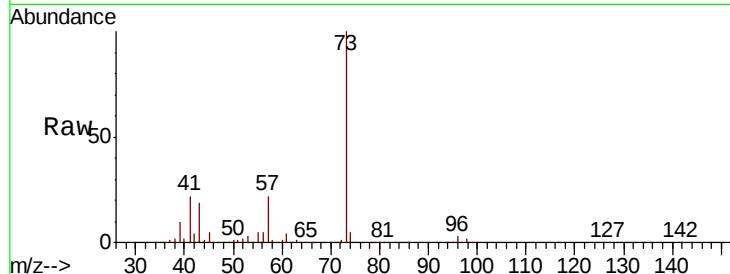




#19
Methyl tert-butyl Ether
Concen: 48.46 ug/l
RT: 3.20 min Scan# 428
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

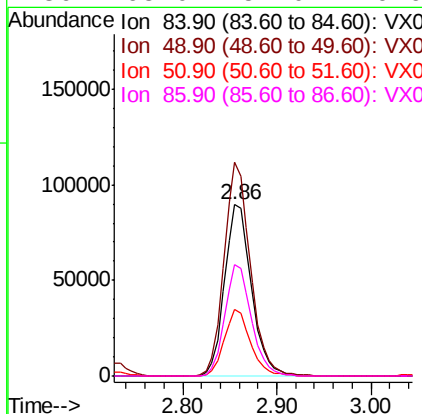
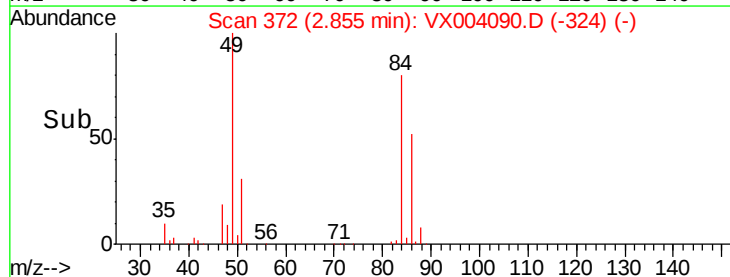
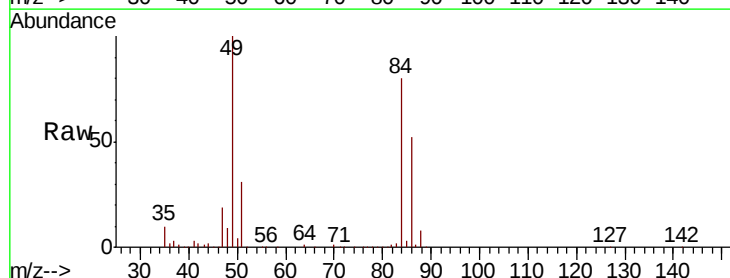
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

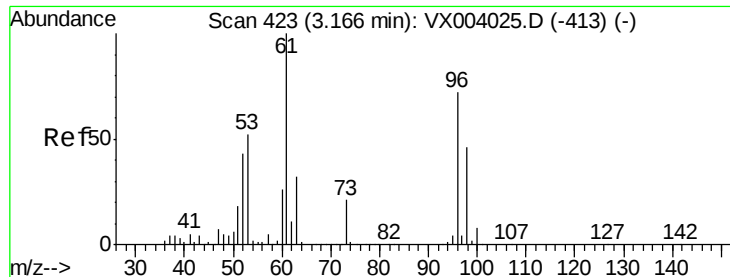
Tot Ion: 73 Resp: 526930
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 50.48 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion: 84 Resp: 177297
Ion Ratio Lower Upper
84 100
49 124.7 98.9 148.3
51 38.5 29.9 44.9
86 65.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.41 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

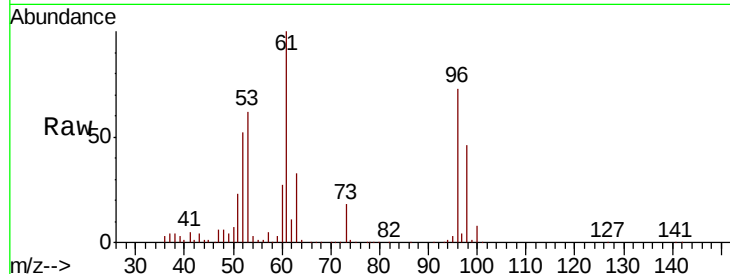
Tot Ion: 96 Resp: 166156

Ion Ratio Lower Upper

96 100

61 137.2 111.8 167.6

98 63.3 51.8 77.6

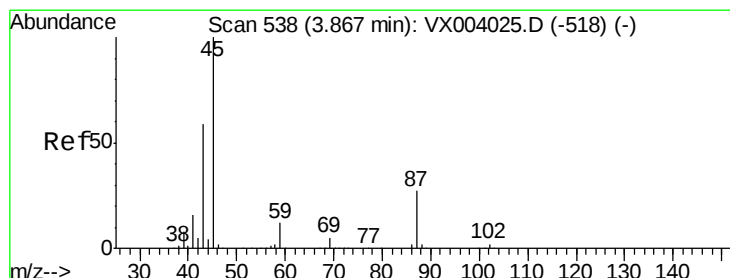
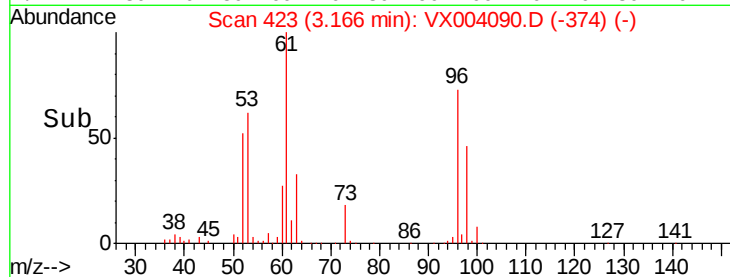
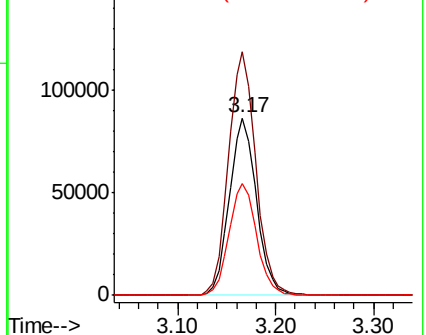


Abundance

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: 51.31 ug/l

RT: 3.87 min Scan# 538

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion: 45 Resp: 590441

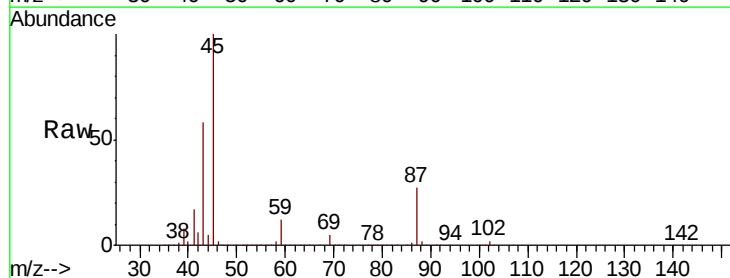
Ion Ratio Lower Upper

45 100

43 58.3 45.3 67.9

87 27.3 22.7 34.1

59 12.2 9.6 14.4



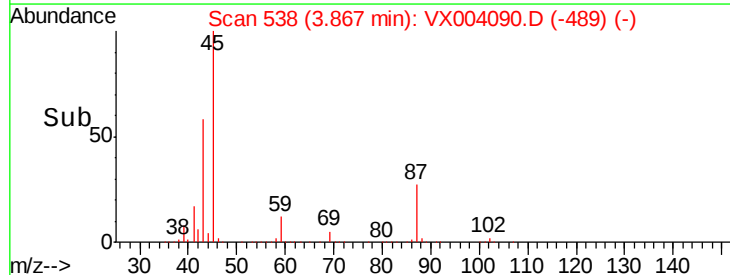
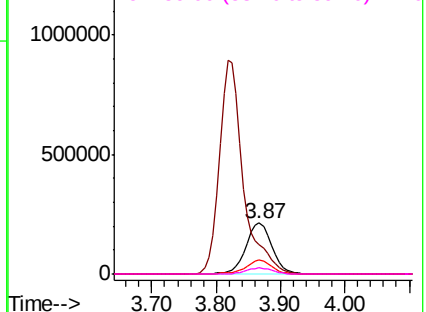
Abundance

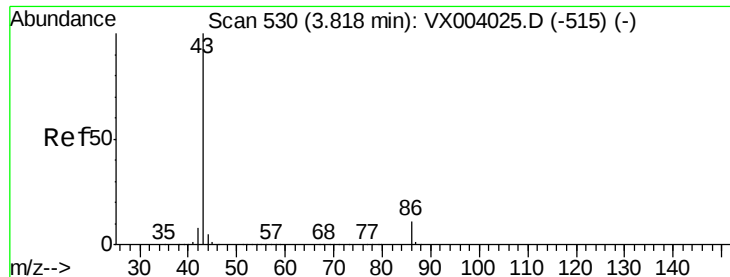
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.28 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

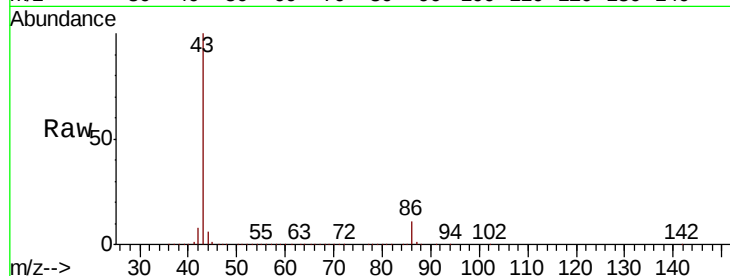
MW-295-SRI3MSD

Tot Ion: 43 Resp: 2327572

Ion Ratio Lower Upper

43 100

86 10.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

600000

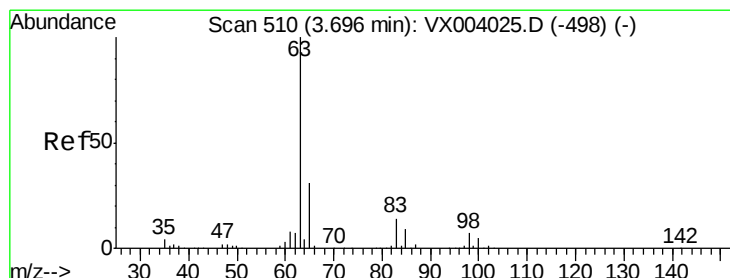
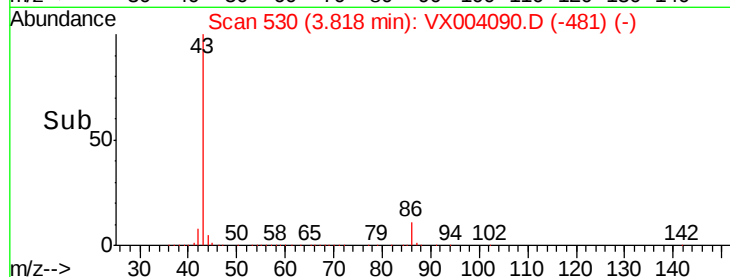
400000

200000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 50.66 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

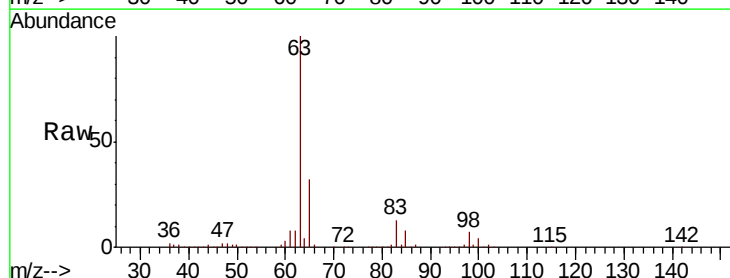
Tgt Ion: 63 Resp: 330200

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.5 2.3 6.8



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

150000

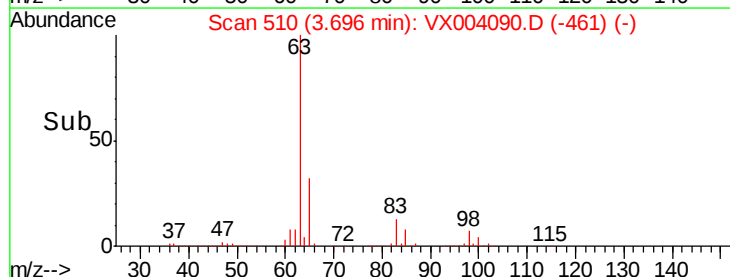
100000

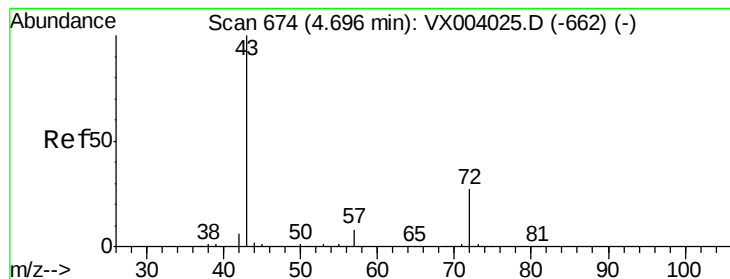
50000

0

Time-->

3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 251.16 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

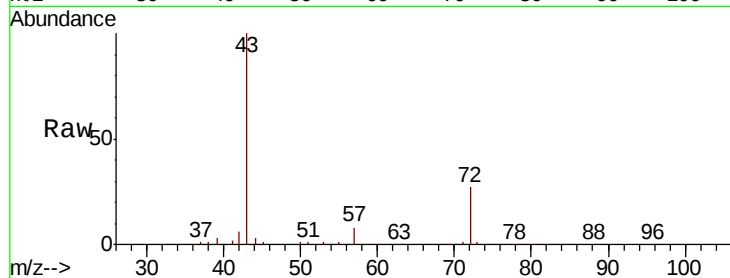
MW-295-SRI3MSD

Tot Ion: 43 Resp: 878218

Ion Ratio Lower Upper

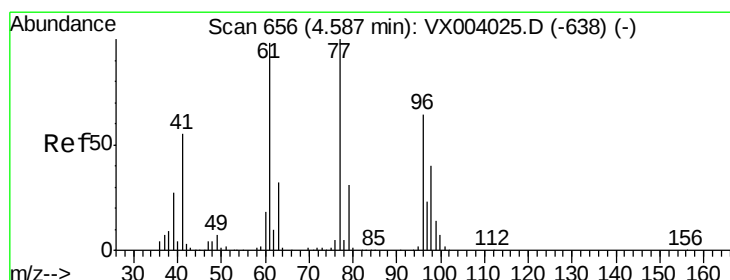
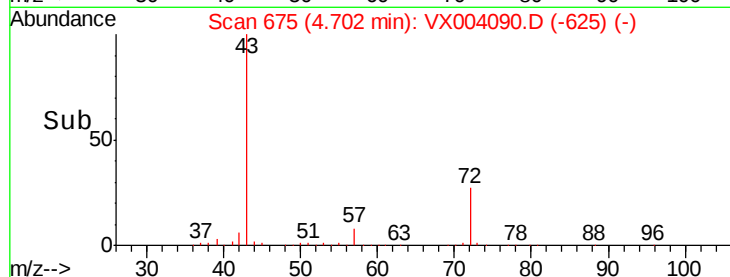
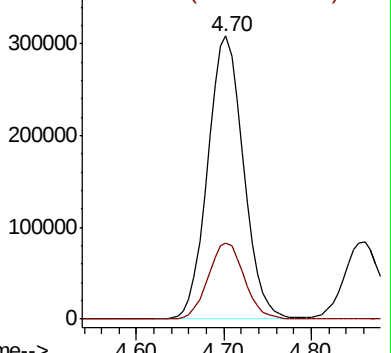
43 100

72 26.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 33.14 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX004090.D

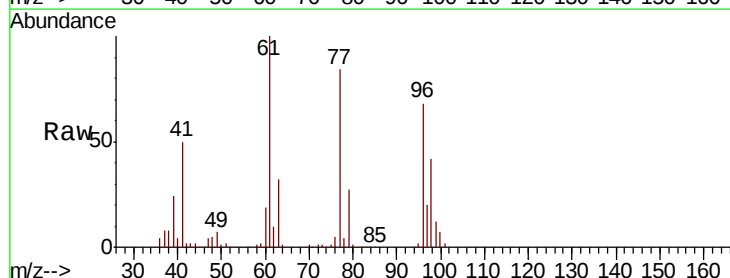
Acq: 15 Aug 2018 23:08

Tgt Ion: 77 Resp: 171722

Ion Ratio Lower Upper

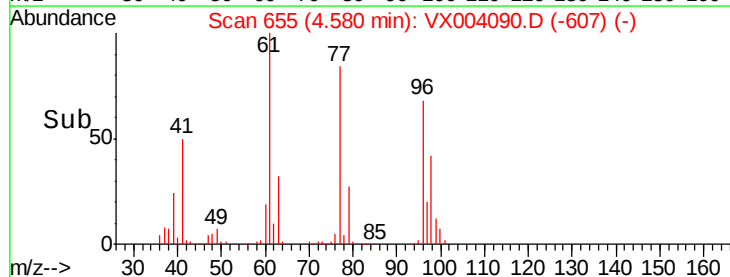
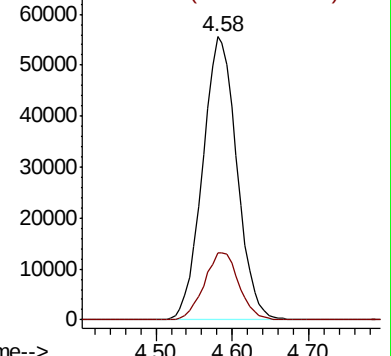
77 100

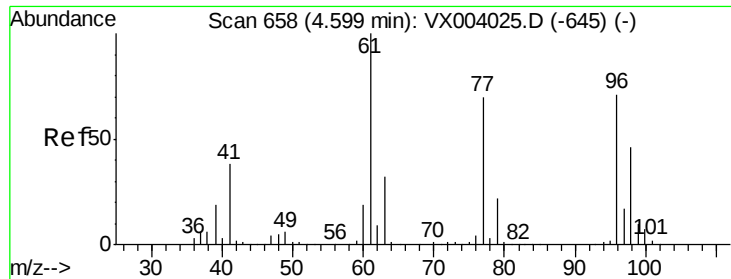
97 24.1 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 47.85 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

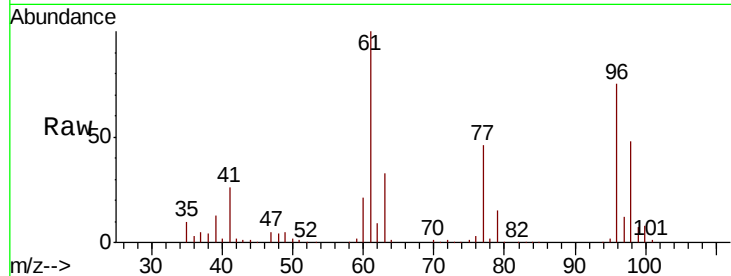
Tot Ion: 96 Resp: 188589

Ion Ratio Lower Upper

96 100

61 140.1 0.0 293.0

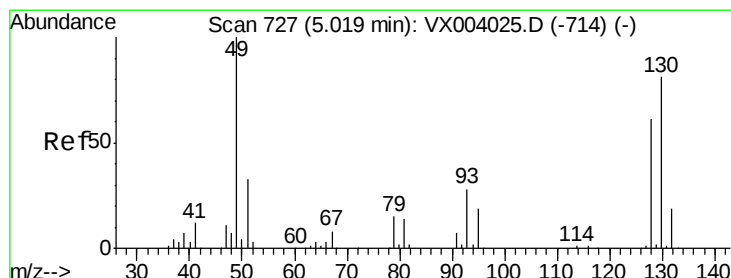
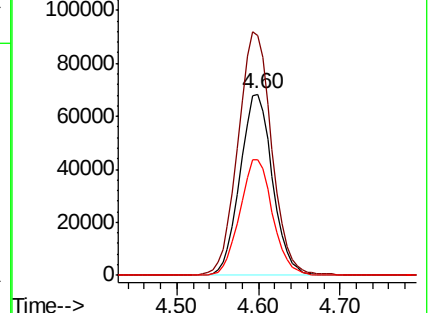
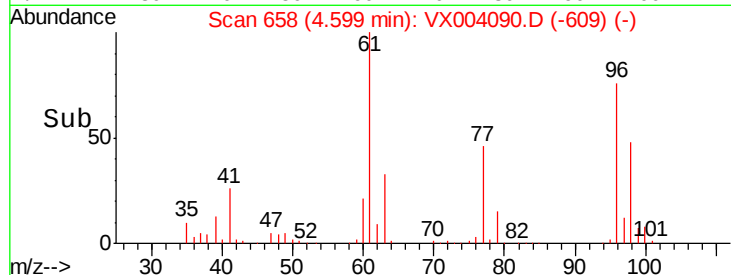
98 64.4 0.0 131.8



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: 50.38 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

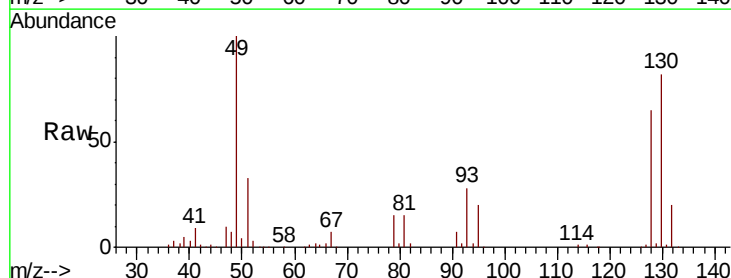
Tgt Ion: 49 Resp: 150644

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

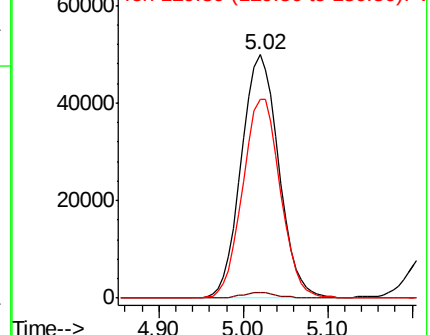
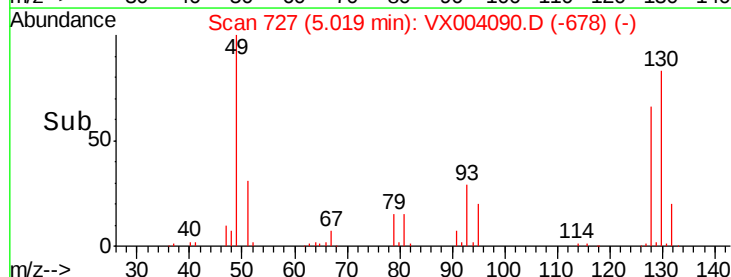
130 82.3 66.5 99.7

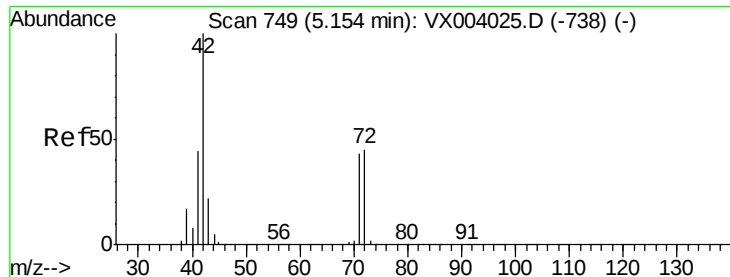


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

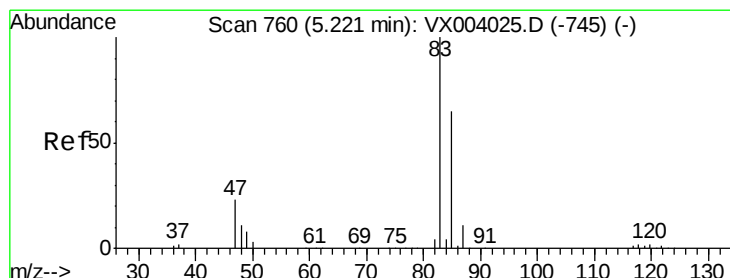
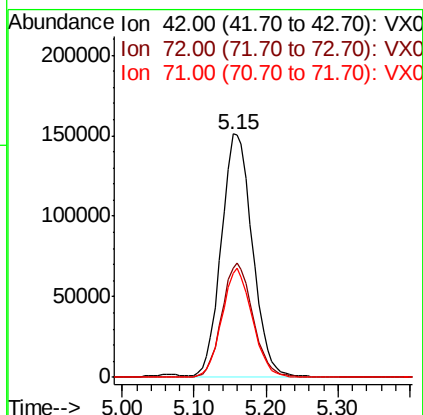
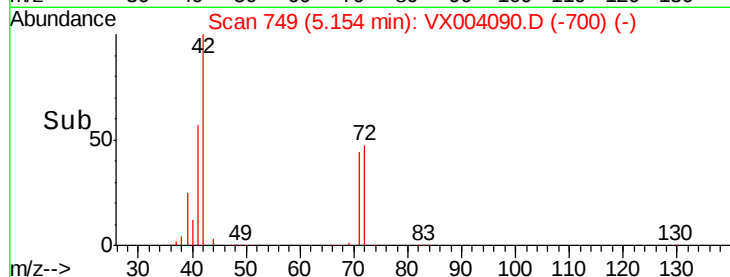
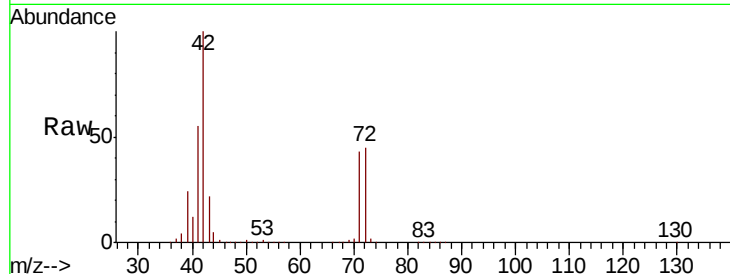




#29
Tetrahydrofuran
Concen: 253.91 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

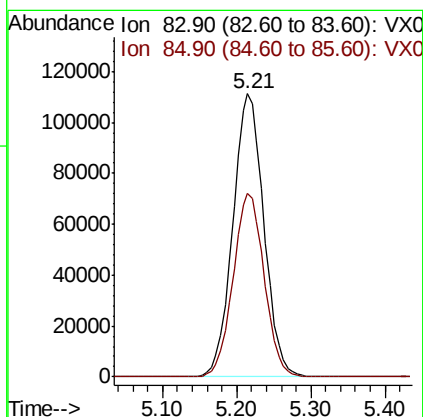
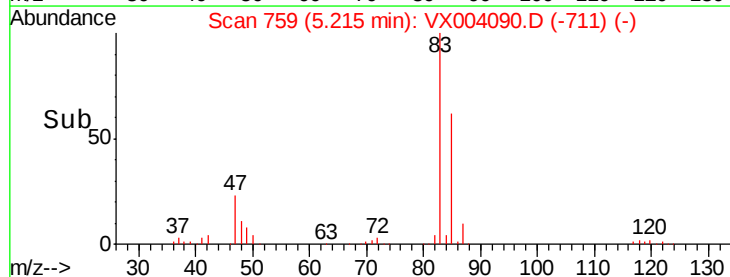
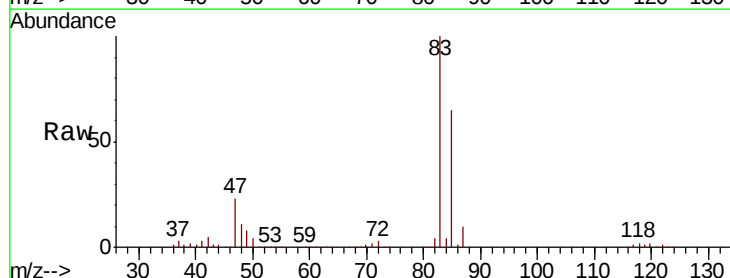
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

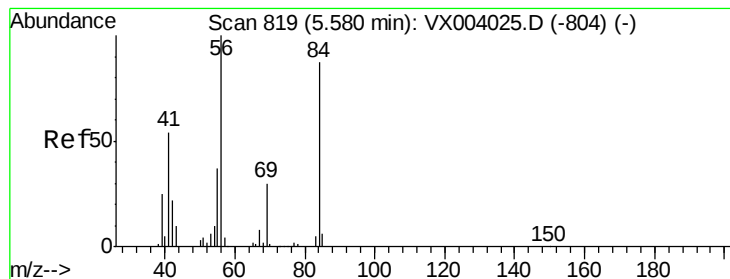
Tot Ion: 42 Resp: 453593
Ion Ratio Lower Upper
42 100
72 47.1 37.7 56.5
71 43.6 35.0 52.6



#30
Chloroform
Concen: 50.93 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion: 83 Resp: 323940
Ion Ratio Lower Upper
83 100
85 64.9 50.7 76.1





#31

Cyclohexane

Concen: 47.07 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

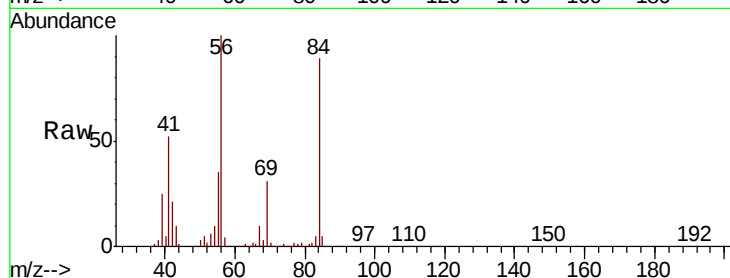
Tot Ion: 56 Resp: 268951

Ion Ratio Lower Upper

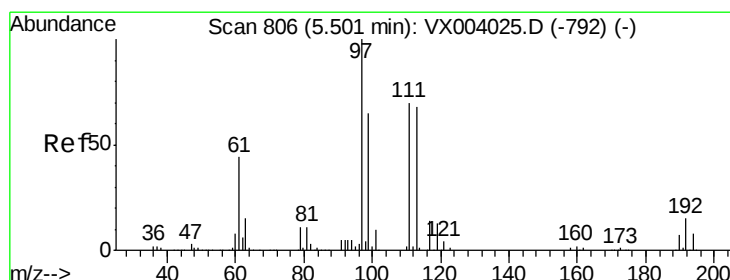
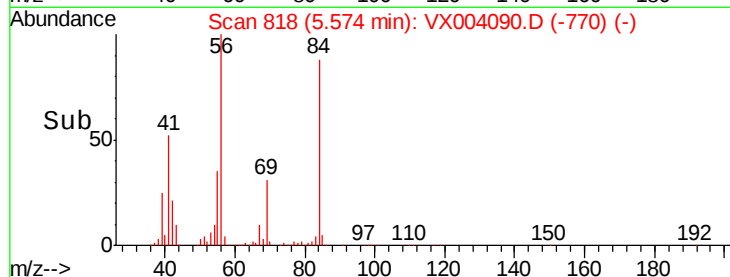
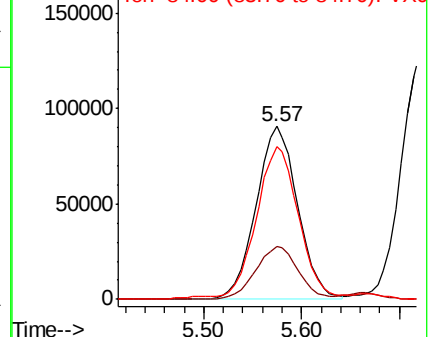
56 100

69 30.7 24.9 37.3

84 87.2 71.7 107.5



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: 50.50 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

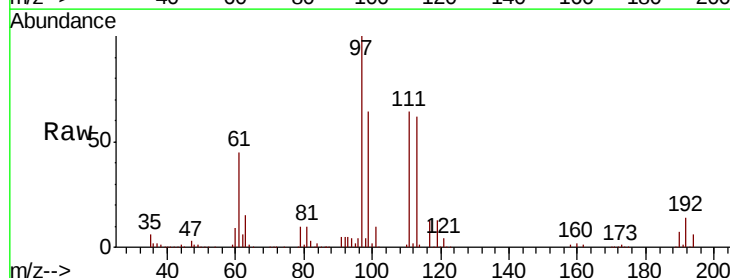
Tgt Ion: 97 Resp: 268417

Ion Ratio Lower Upper

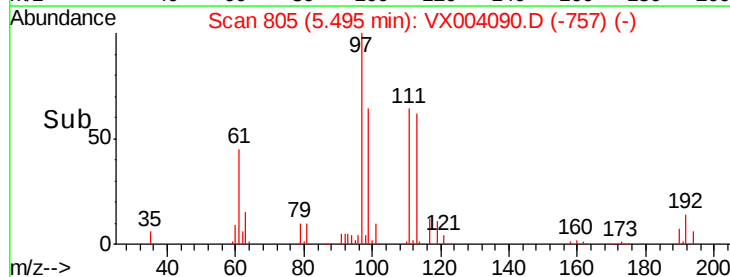
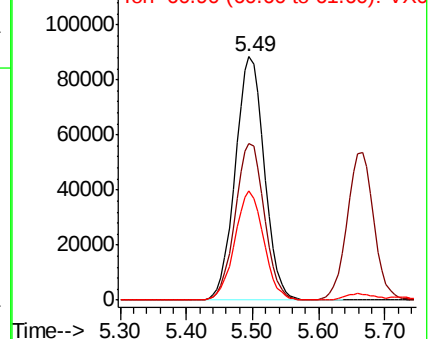
97 100

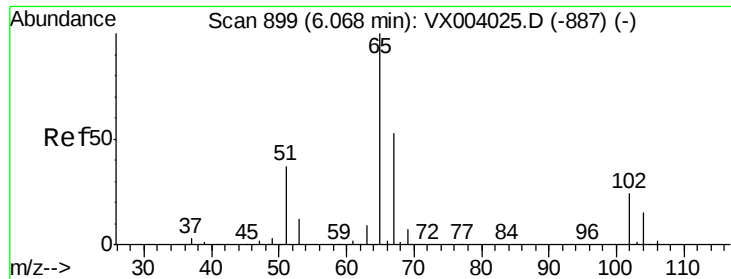
99 64.8 51.8 77.8

61 44.8 34.4 51.6



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

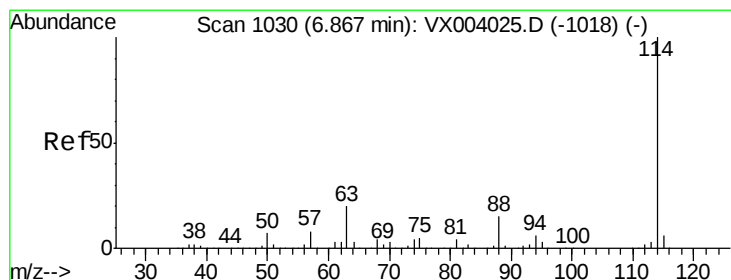
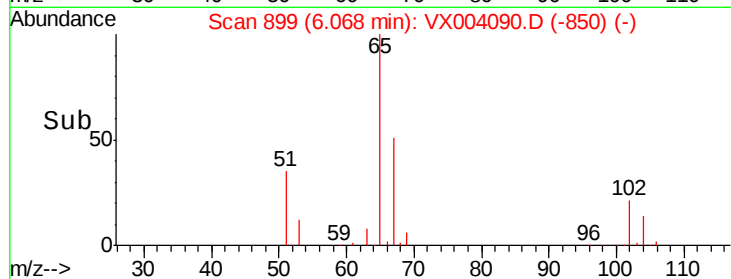
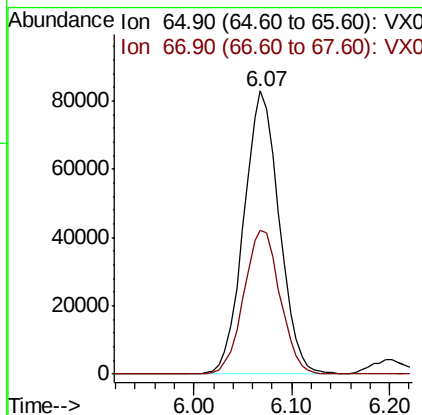
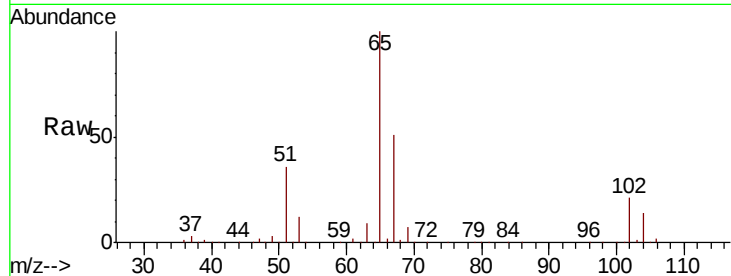




#33
 1,2-Dichloroethane-d4
 Concen: 50.36 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

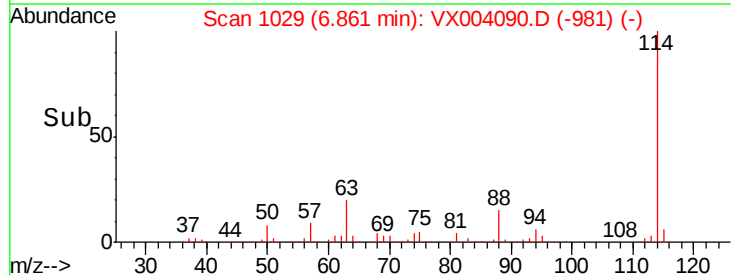
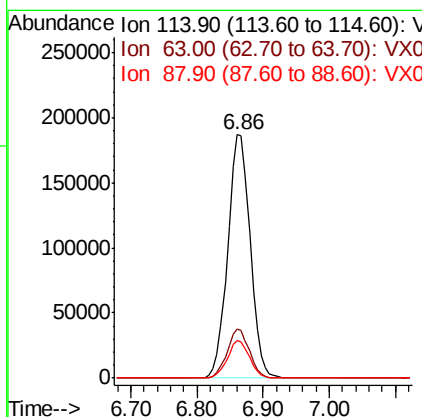
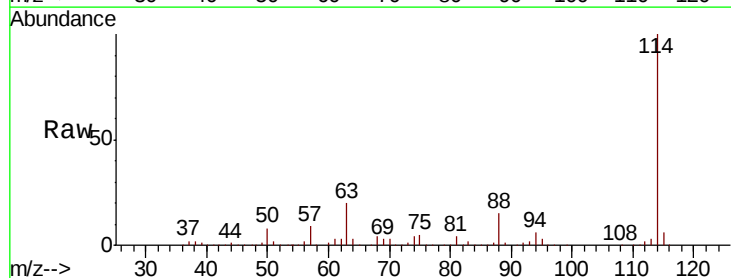
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

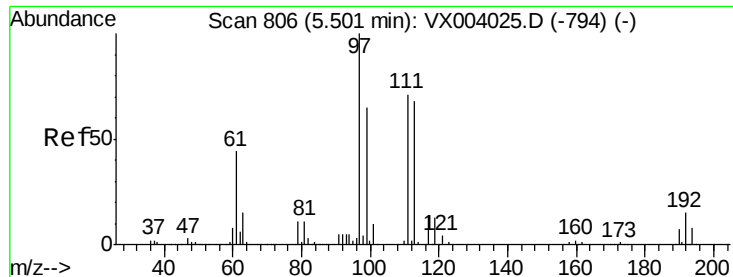
Tot Ion: 65 Resp: 208164
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion: 114 Resp: 440190
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.3 0.0 32.0

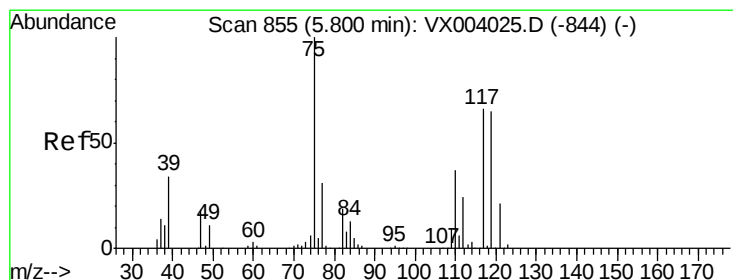
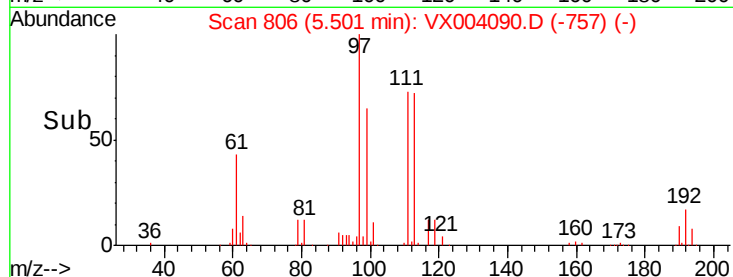
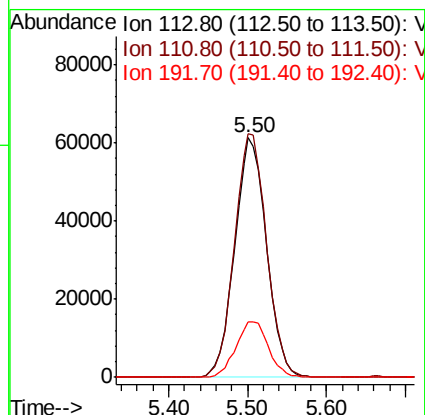
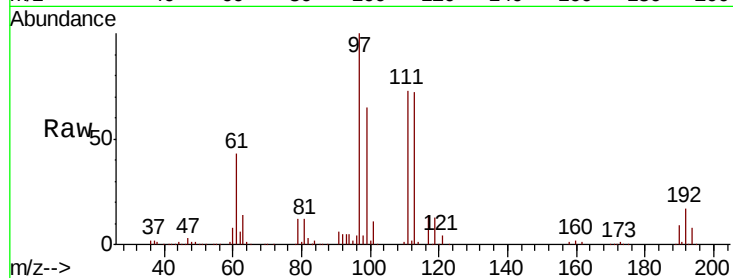




#35
Dibromofluoromethane
Concen: 52.15 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

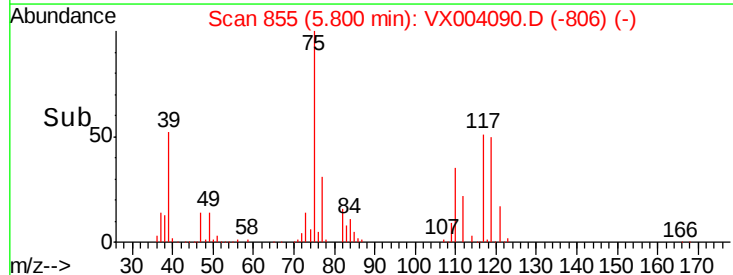
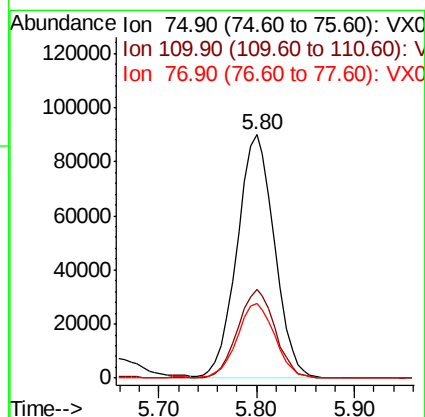
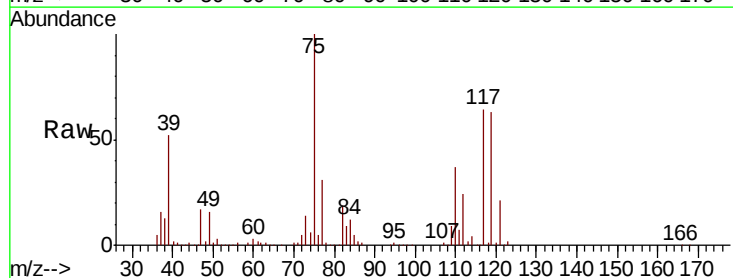
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

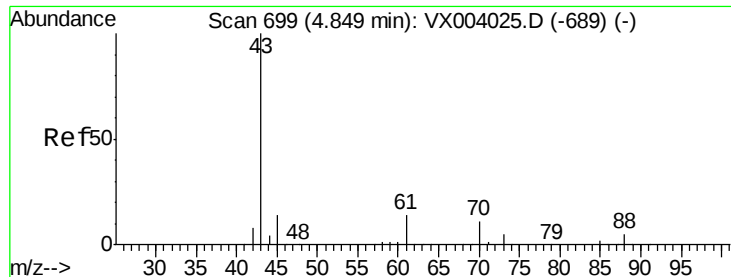
Tot Ion:113 Resp: 171820
Ion Ratio Lower Upper
113 100
111 102.6 82.0 123.0
192 23.7 19.0 28.4



#36
1,1-Dichloropropene
Concen: 47.42 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion: 75 Resp: 237536
Ion Ratio Lower Upper
75 100
110 36.6 18.2 54.6
77 31.1 25.0 37.4

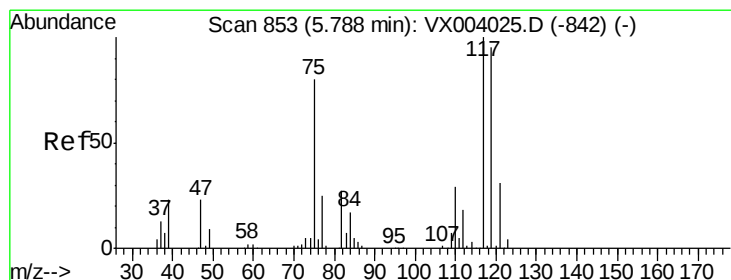
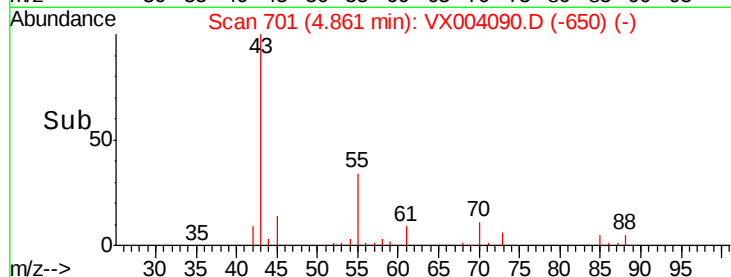
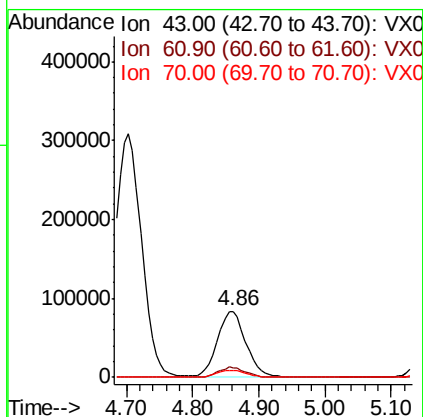
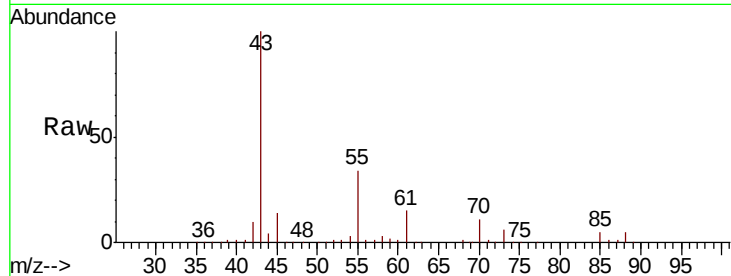




#37
Ethyl Acetate
Concen: 45.74 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

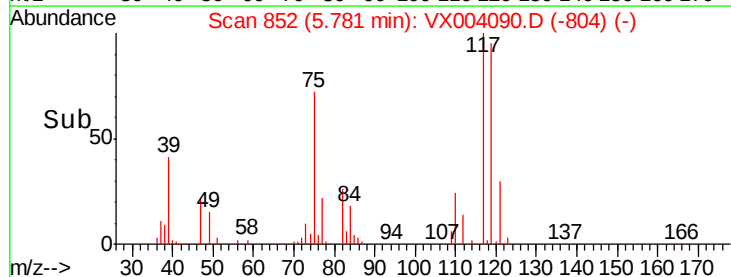
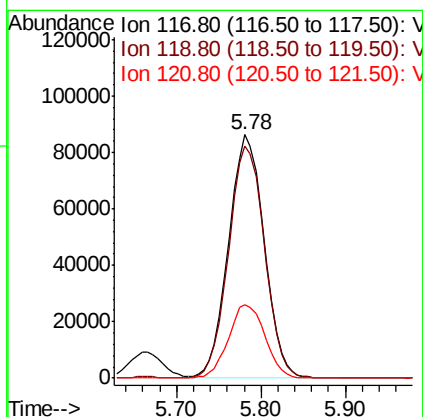
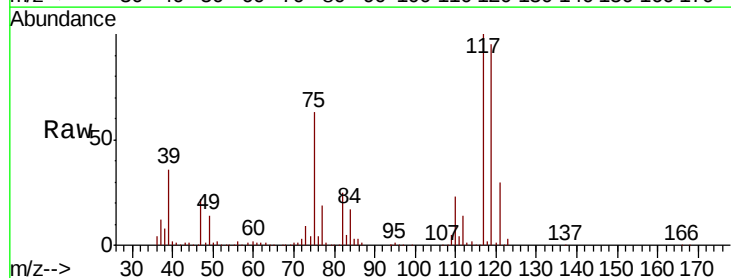
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

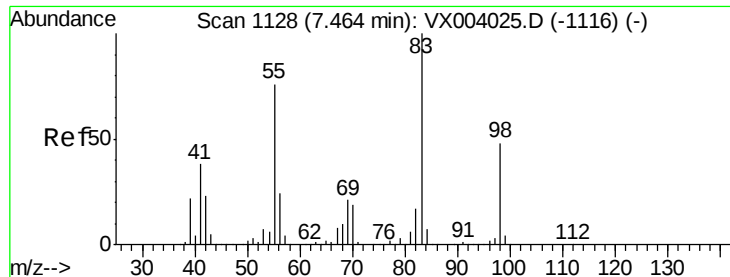
Tot Ion: 43 Resp: 249520
Ion Ratio Lower Upper
43 100
61 15.1 11.5 17.3
70 11.0 9.0 13.4



#38
Carbon Tetrachloride
Concen: 50.94 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion: 117 Resp: 247892
Ion Ratio Lower Upper
117 100
119 95.0 79.5 119.3
121 30.0 25.0 37.4

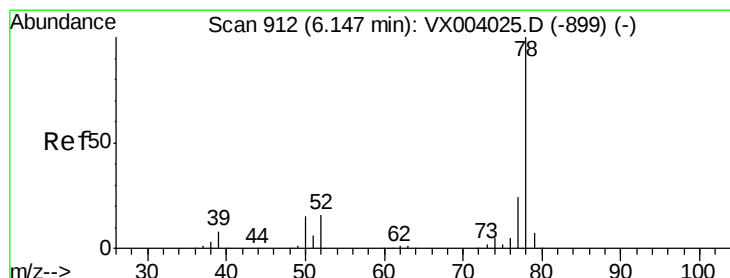
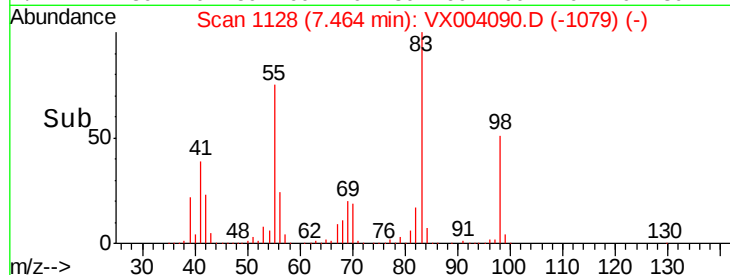
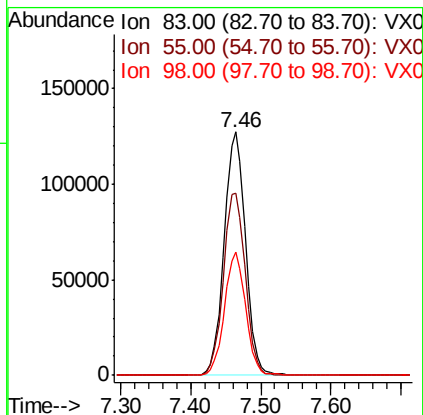
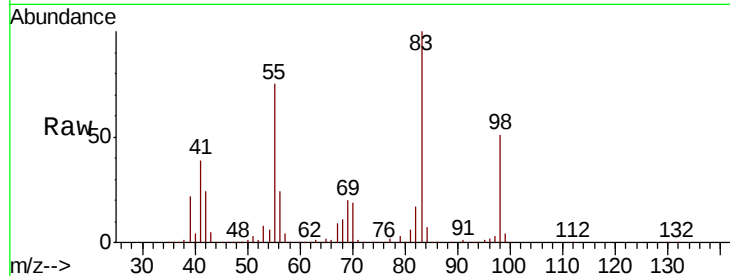




#39
Methylvlcyclohexane
Concen: 47.70 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

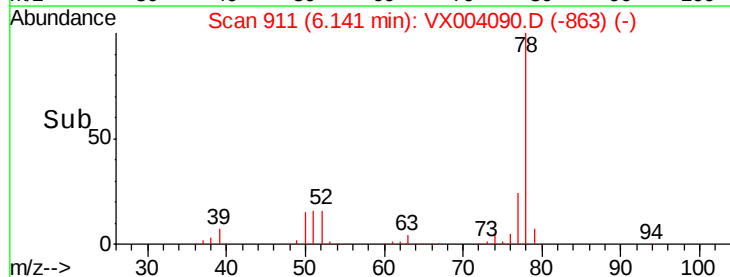
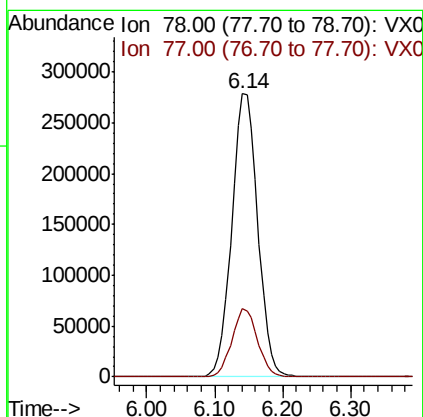
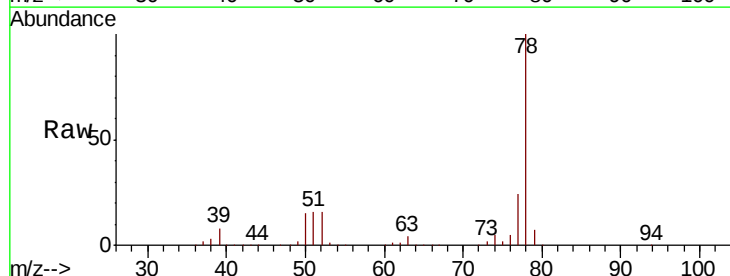
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

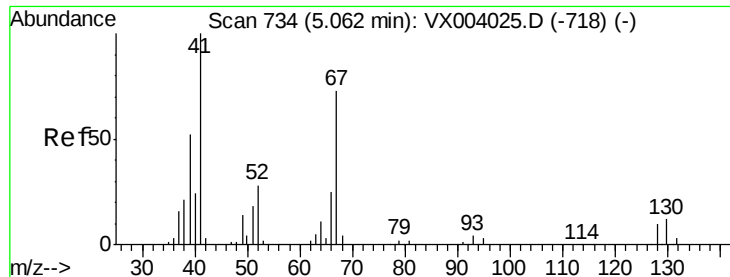
Tot Ion: 83 Resp: 271067
Ion Ratio Lower Upper
83 100
55 74.6 61.0 91.6
98 50.6 38.6 57.8



#40
Benzene
Concen: 48.94 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion: 78 Resp: 736079
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4

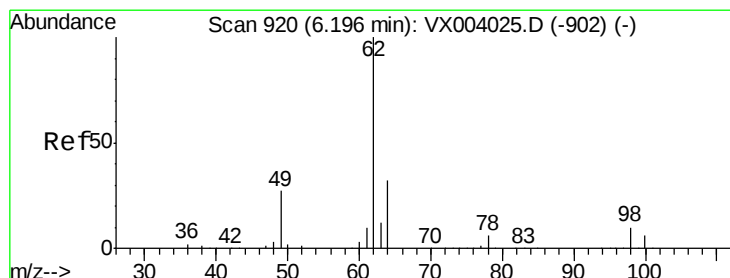
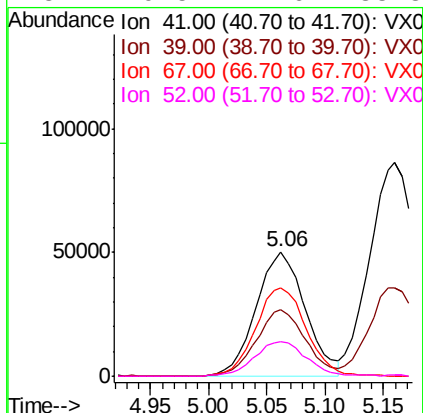
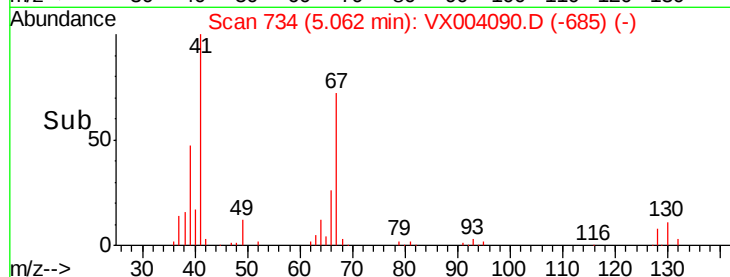
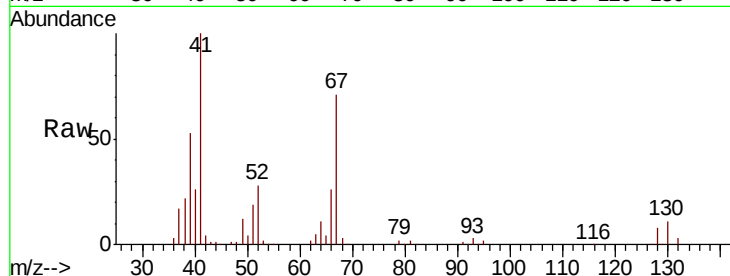




#41
Methacrylonitrile
Concen: 47.92 ug/l
RT: 5.06 min Scan# 734
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

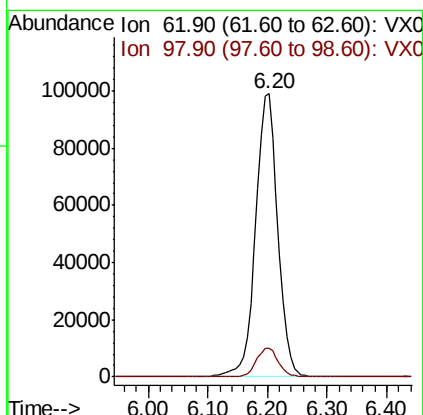
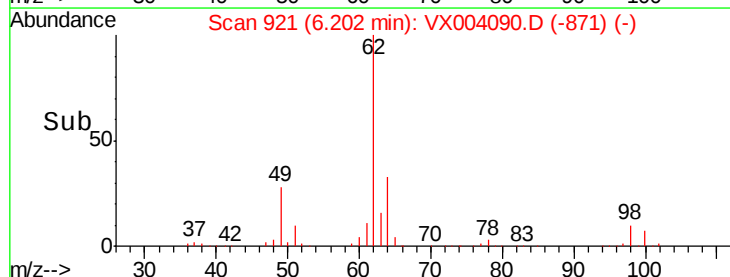
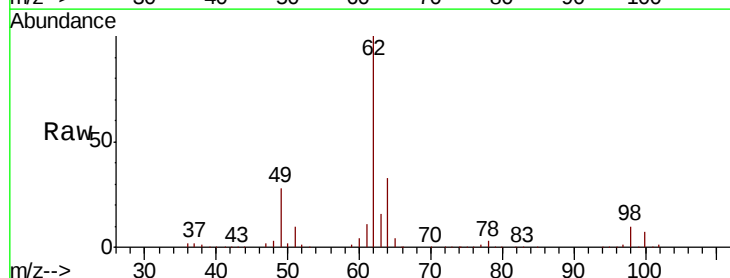
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

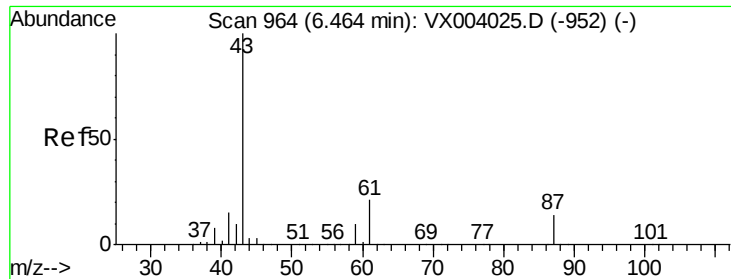
Tot Ion:	41	Resp:	146394
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.7	64.1
67	73.9	58.9	88.3
52	29.5	22.6	33.8



#42
1,2-Dichloroethane
Concen: 48.37 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion:	62	Resp:	254686
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 47.44 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

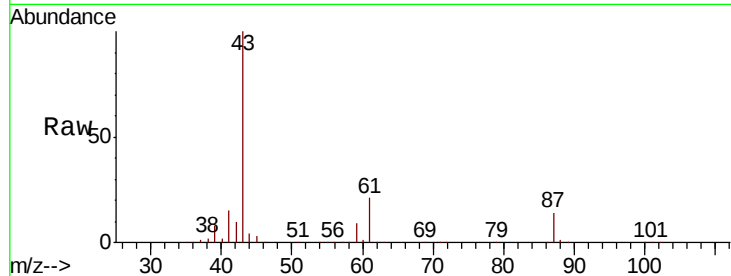
Tot Ion: 43 Resp: 381414

Ion Ratio Lower Upper

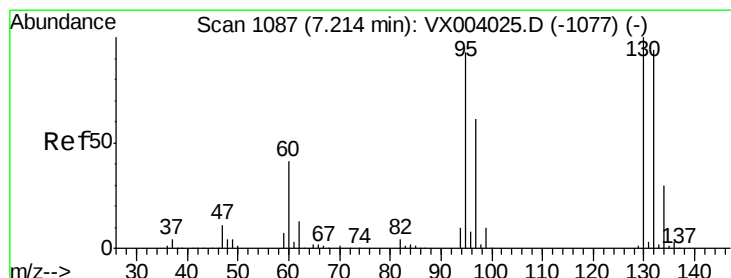
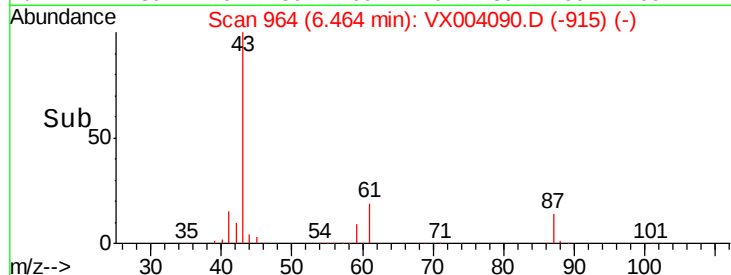
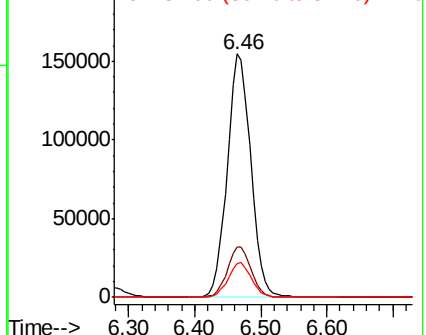
43 100

61 20.8 16.9 25.3

87 14.1 11.3 16.9



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: 53.59 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004090.D

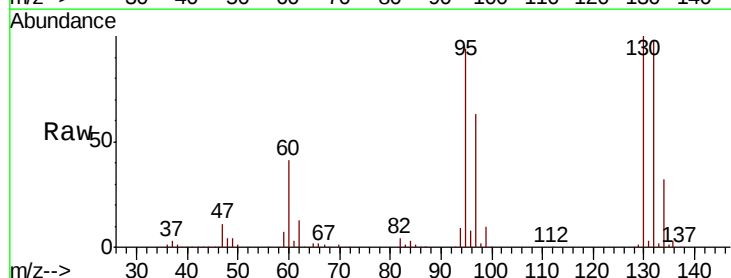
Acq: 15 Aug 2018 23:08

Tgt Ion:130 Resp: 218808

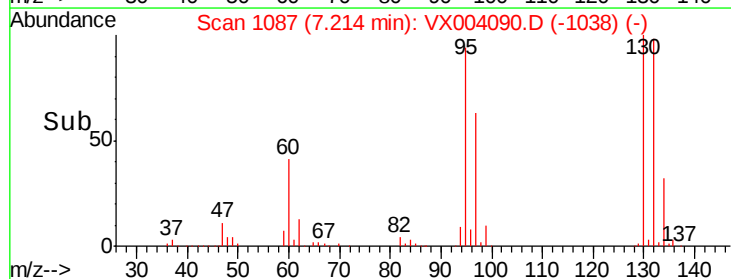
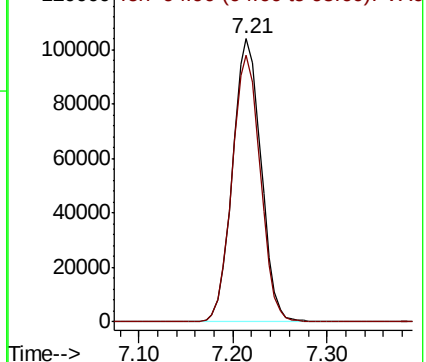
Ion Ratio Lower Upper

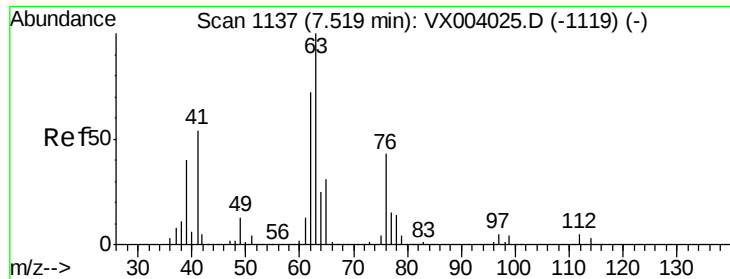
130 100

95 94.2 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

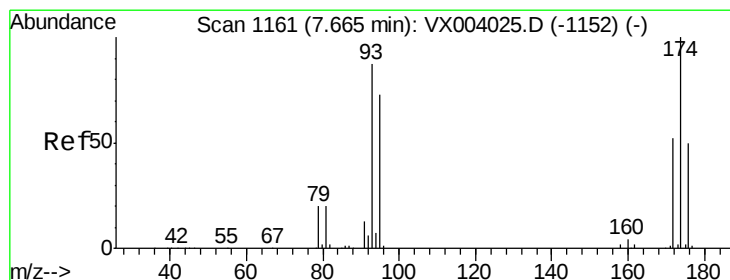
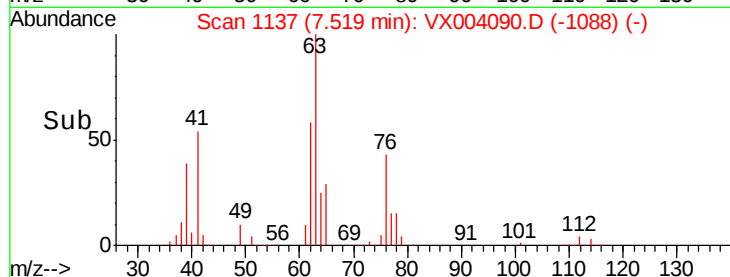
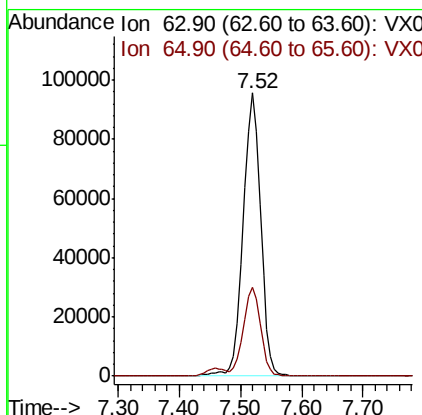
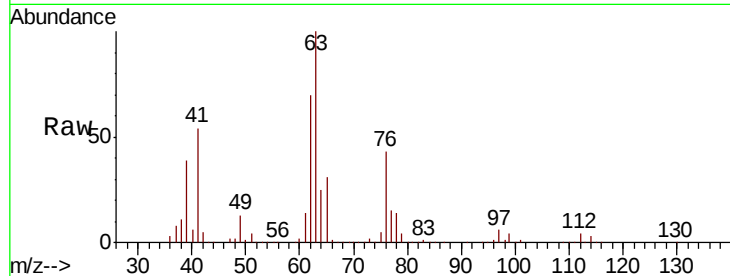




#45
 1,2-Dichloropropane
 Concen: 49.17 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

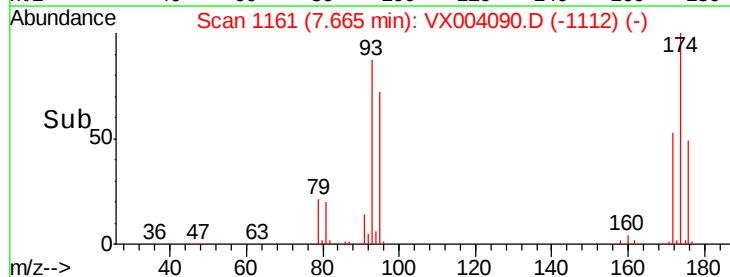
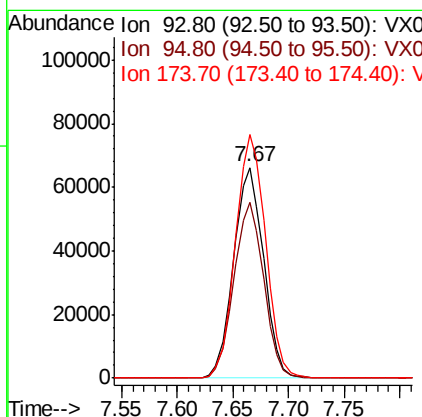
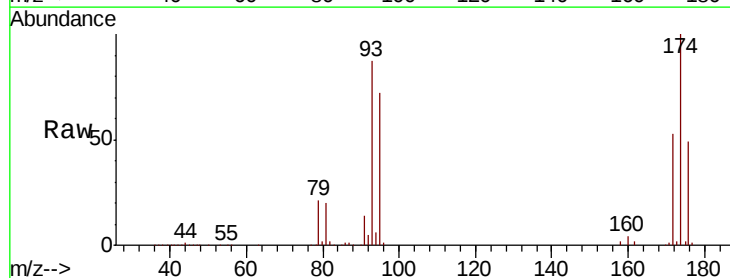
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

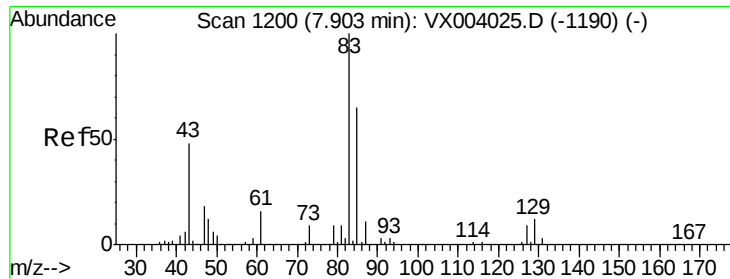
Tot Ion: 63 Resp: 189322
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 49.27 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion: 93 Resp: 123989
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 116.4 94.3 141.5





#47

Bromodichloromethane

Concen: 50.14 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

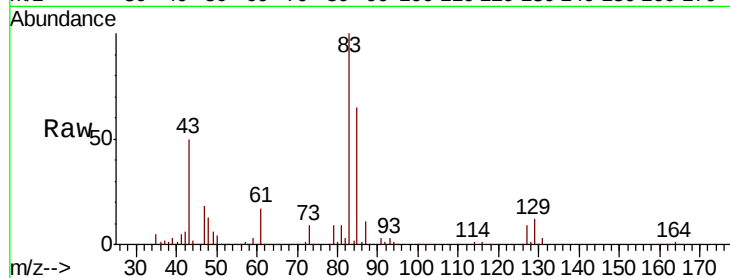
Tot Ion: 83 Resp: 238973

Ion Ratio Lower Upper

83 100

85 65.1 51.2 76.8

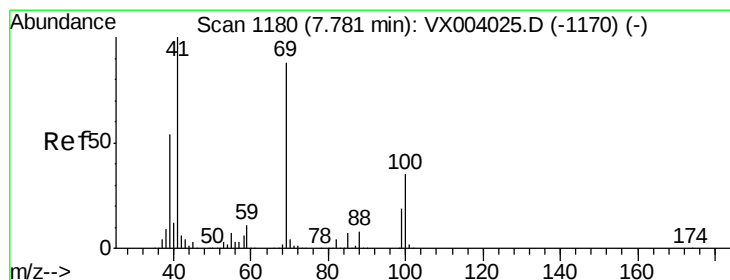
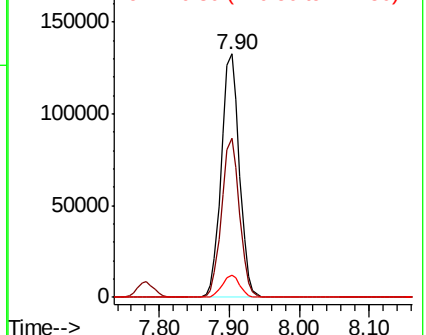
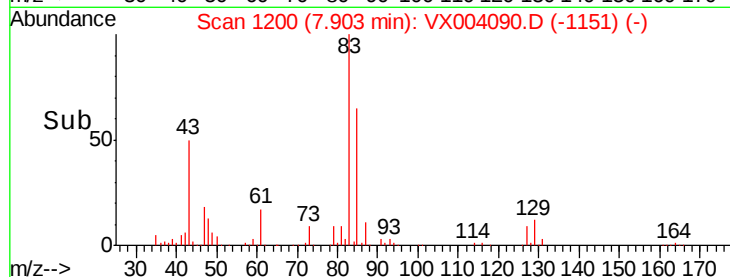
127 9.0 7.2 10.8



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: 52.88 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

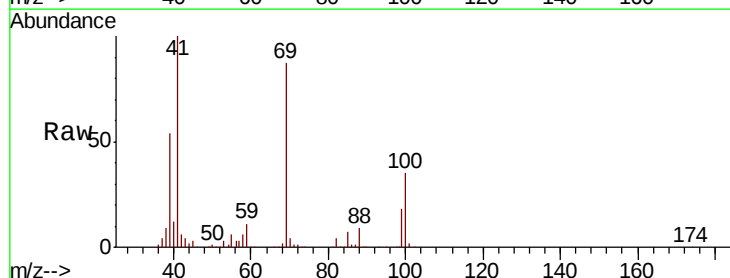
Tgt Ion: 41 Resp: 214015

Ion Ratio Lower Upper

41 100

69 86.8 68.8 103.2

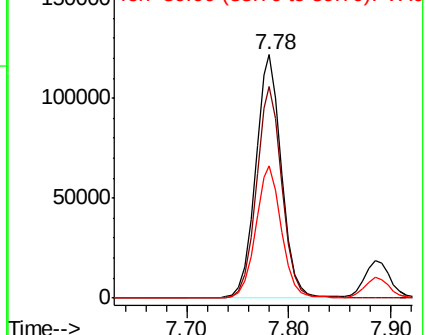
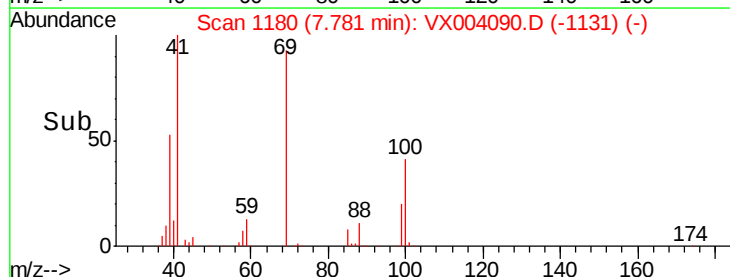
39 54.0 42.3 63.5

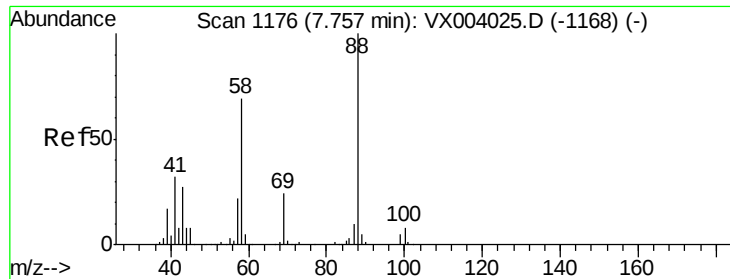


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

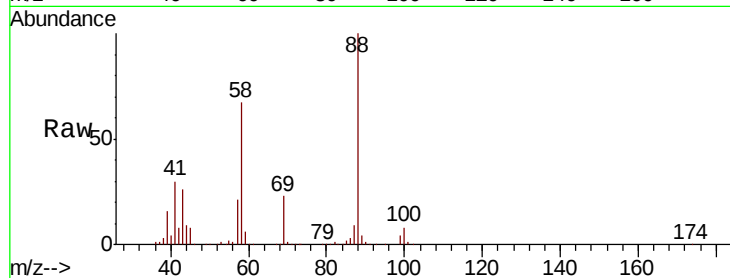




#49
1,4-Dioxane
Concen: 1085.39 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	88	Resp	98905
Ion	Ratio	Lower	Upper
88	100		
43	30.0	23.8	35.8
58	68.6	55.4	83.0

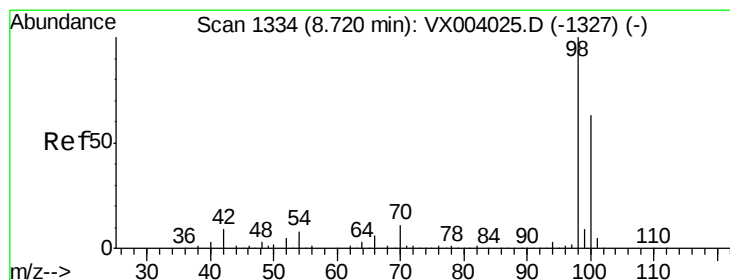
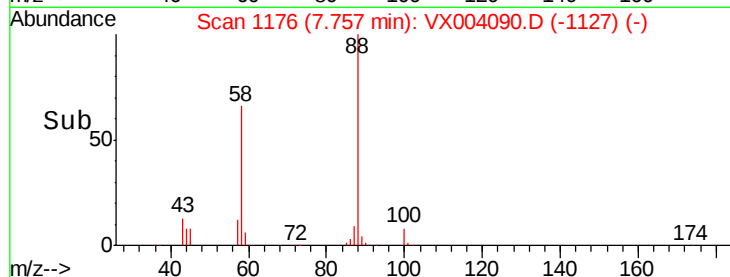
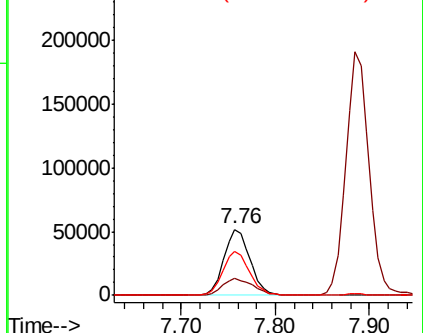


Abundance

Ion 88.00 (87.70 to 88.70): VX0

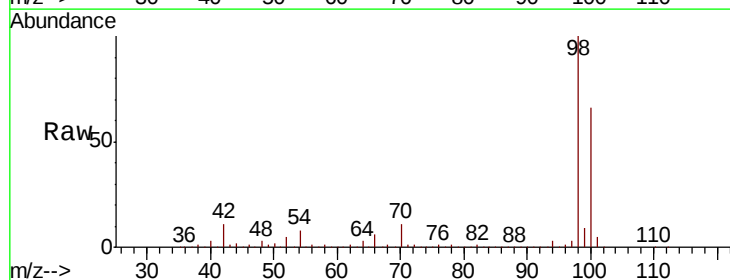
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.92 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

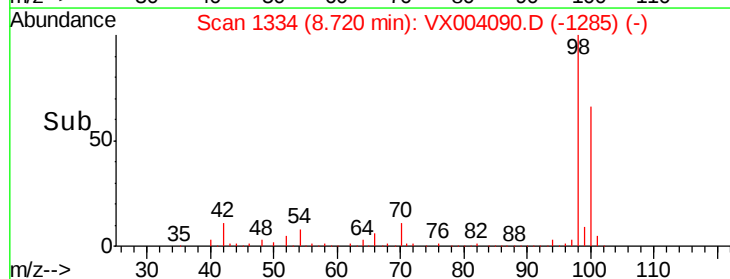
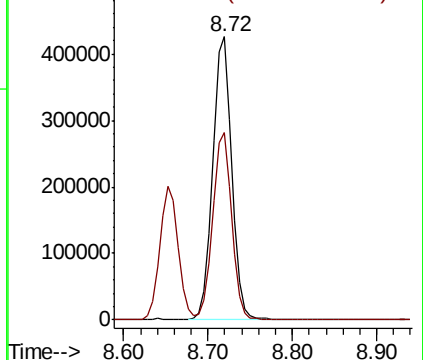
Tgt Ion	98	Resp	666727
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9

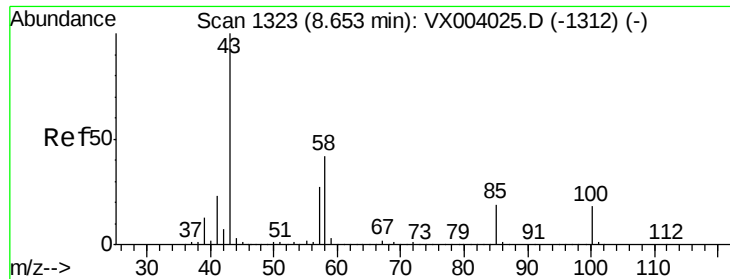


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 267.19 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

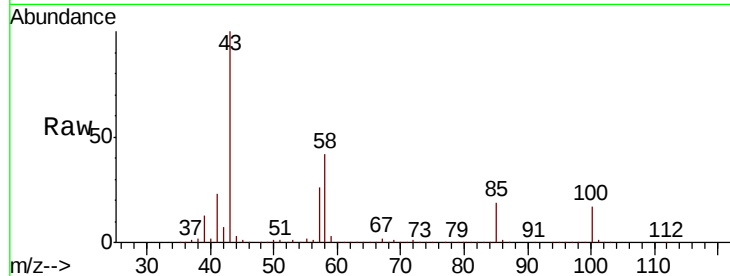
MW-295-SRI3MSD

Tot Ion: 43 Resp: 1761509

Ion Ratio Lower Upper

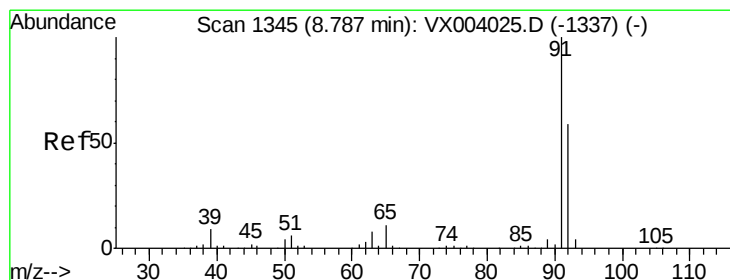
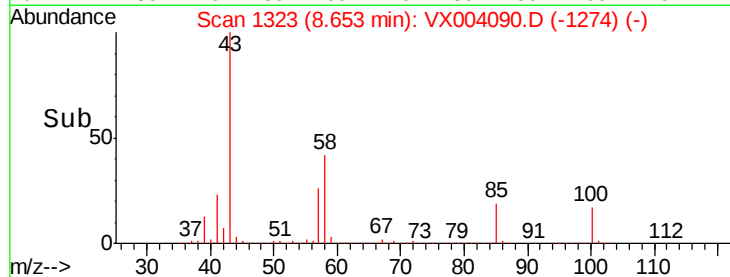
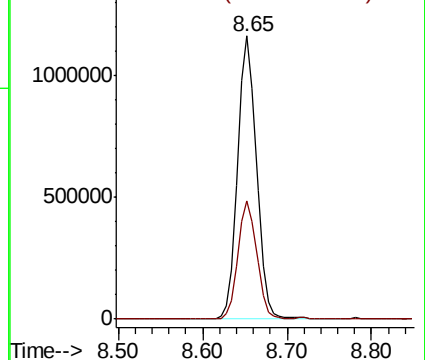
43 100

58 41.4 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.96 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004090.D

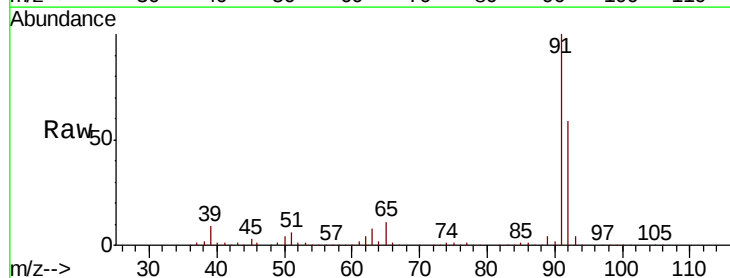
Acq: 15 Aug 2018 23:08

Tgt Ion: 92 Resp: 475235

Ion Ratio Lower Upper

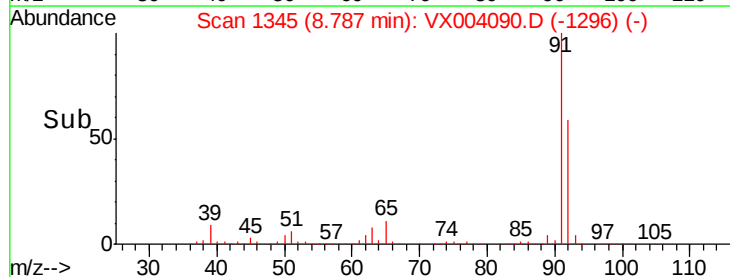
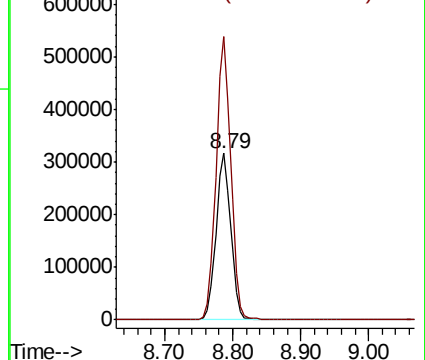
92 100

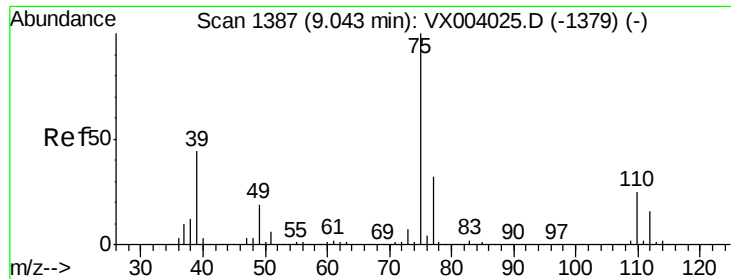
91 170.1 136.1 204.1



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: 49.52 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

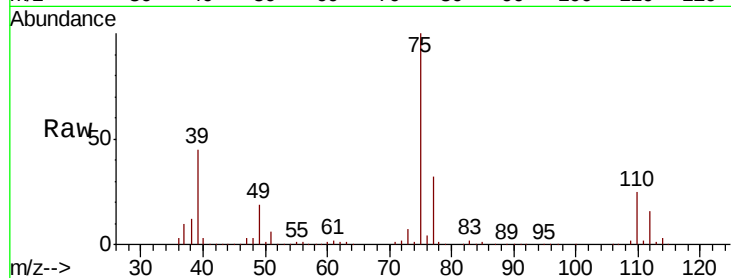
MW-295-SRI3MSD

Tot Ion: 75 Resp: 254923

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

200000

150000

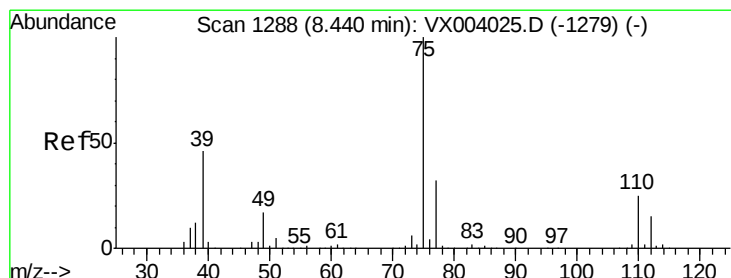
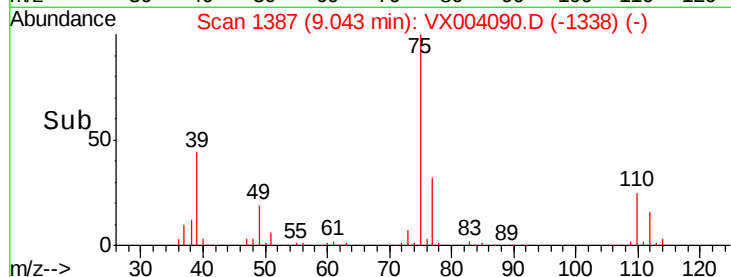
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.14 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

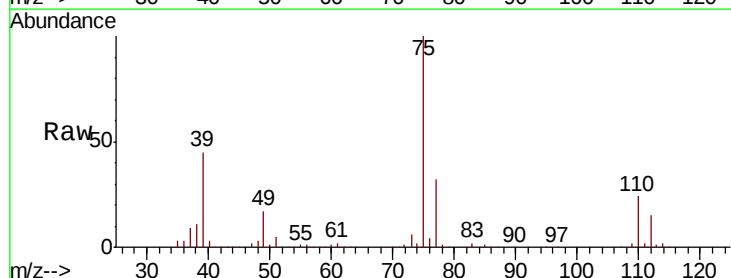
Tgt Ion: 75 Resp: 268796

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

39 44.8 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.44

200000

150000

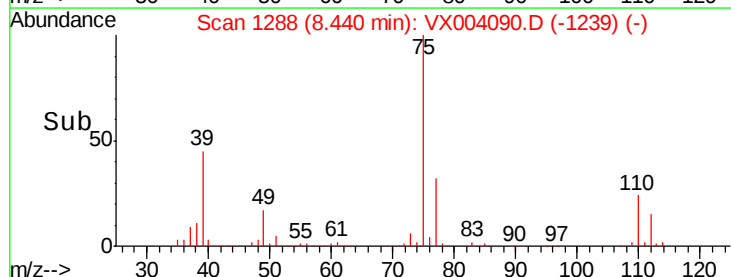
100000

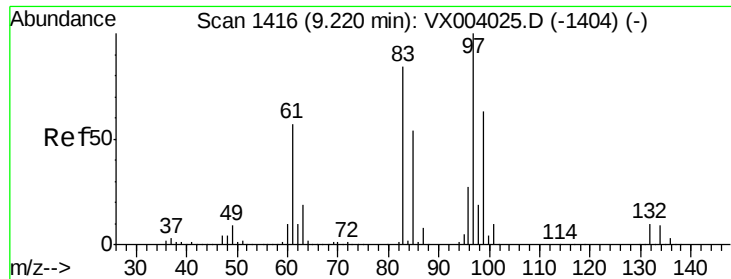
50000

0

8.40 8.50 8.60

Time-->

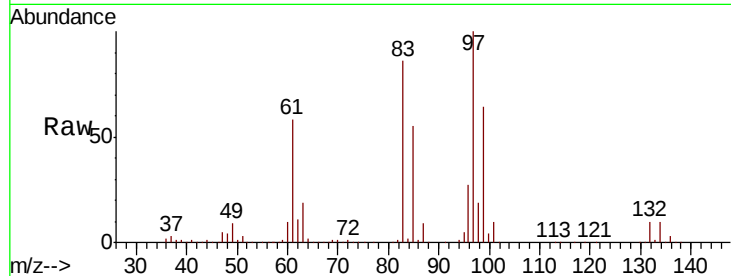




#55
 1,1,2-Trichloroethane
 Concen: 48.80 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

Tot Ion:	97	Resp:	191695
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.8	101.6
85	55.2	44.2	66.2
99	63.7	50.8	76.2



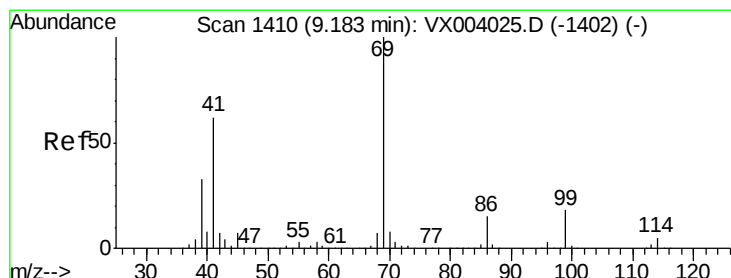
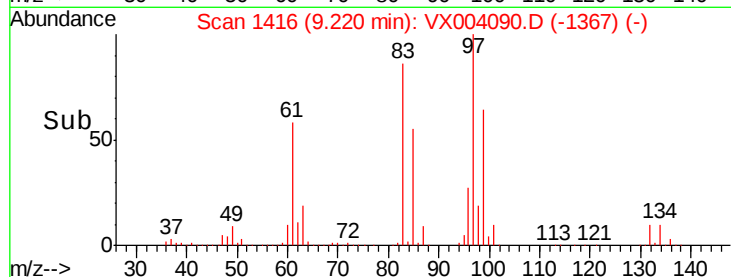
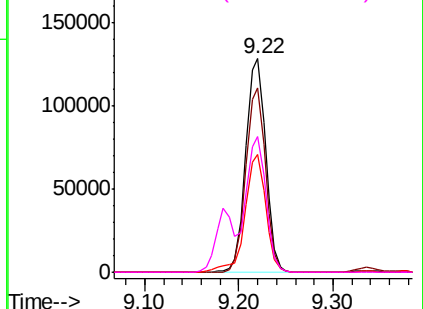
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

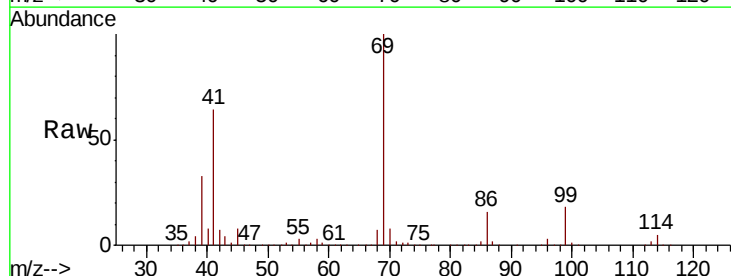
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 52.87 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion:	69	Resp:	282402
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.6	76.0
39	33.0	25.8	38.6

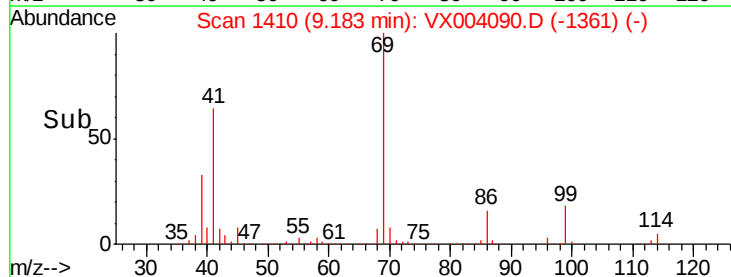
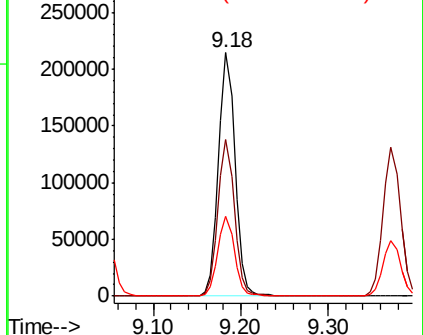


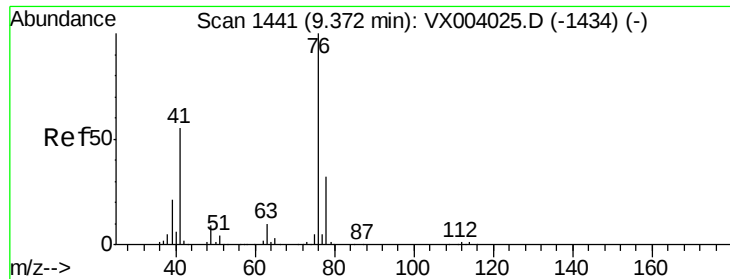
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

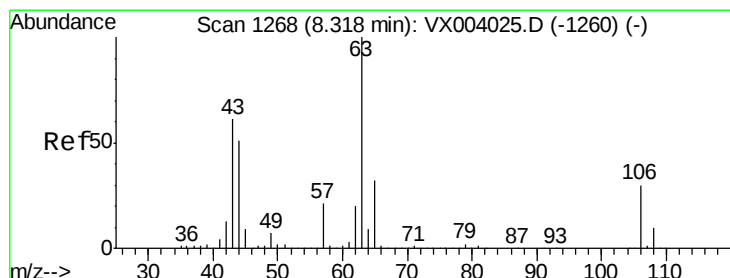
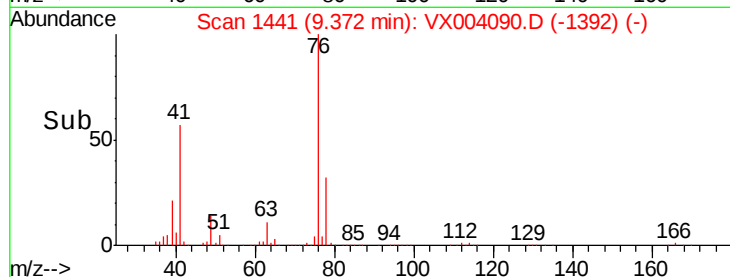
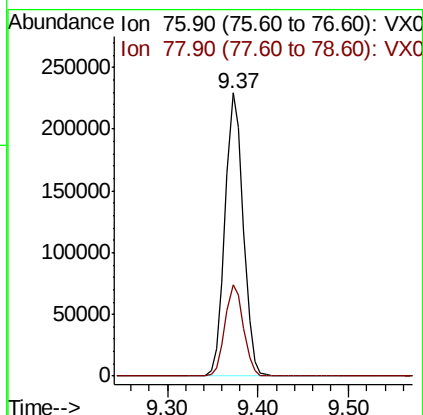
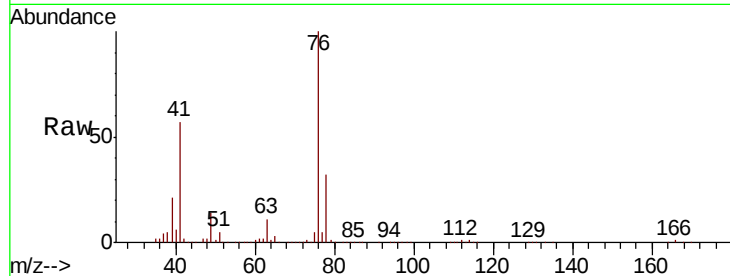




#57
 1,3-Dichloropropane
 Concen: 49.34 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

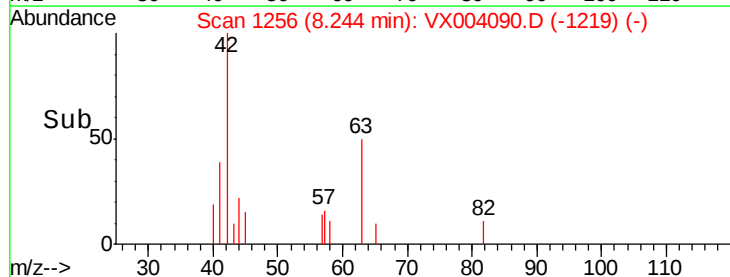
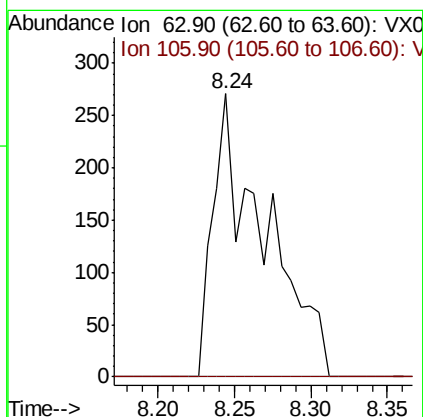
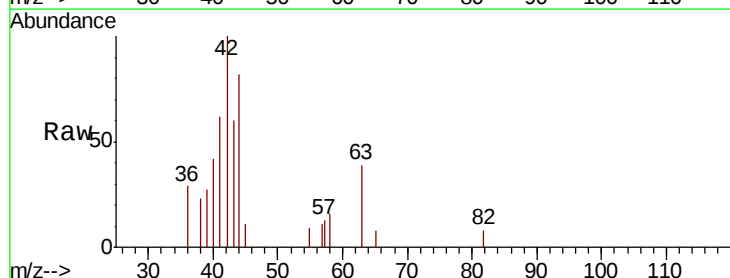
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

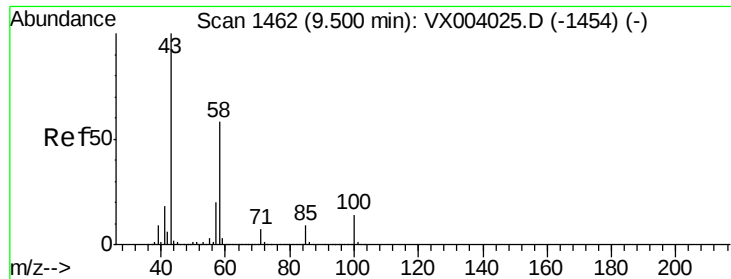
Tot Ion: 76 Resp: 321601
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.23 ug/l
 RT: 8.24 min Scan# 1256
 Delta R.T. -0.07 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion: 63 Resp: 637
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.8 35.8#

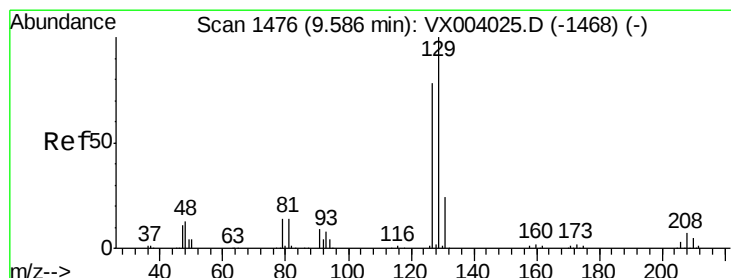
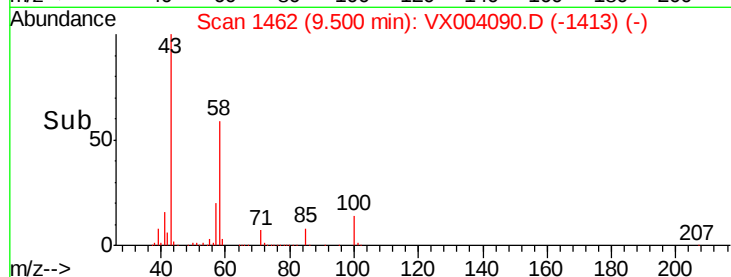
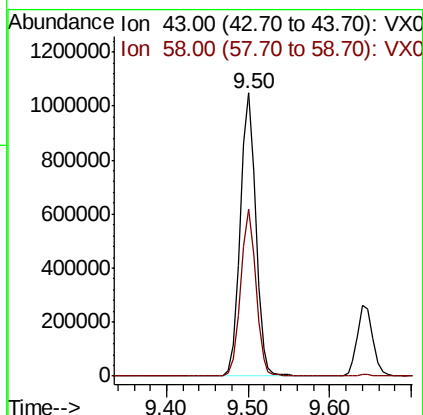
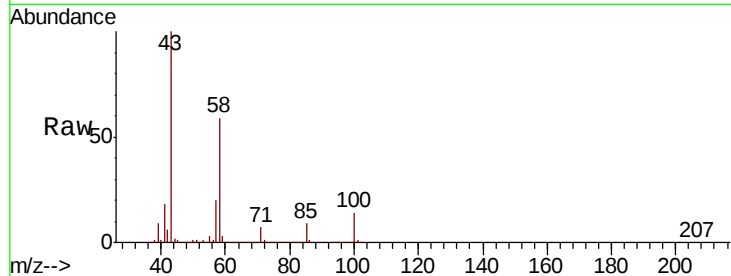




#59
2-Hexanone
Concen: 274.81 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

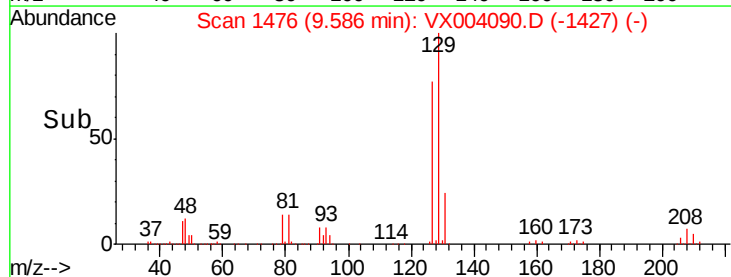
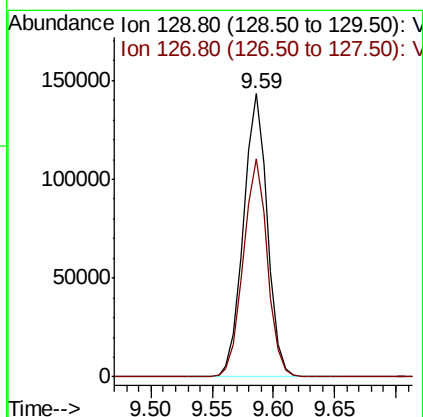
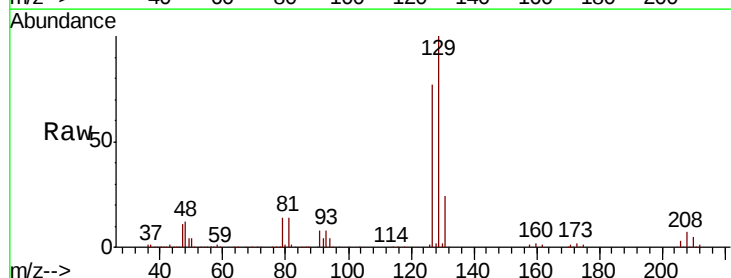
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

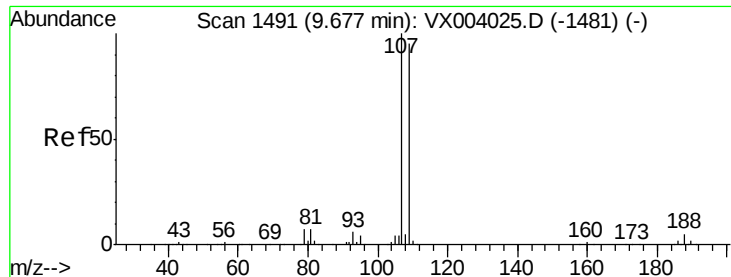
Tot Ion: 43 Resp: 1363532
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0



#60
Dibromochloromethane
Concen: 51.31 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion:129 Resp: 193969
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

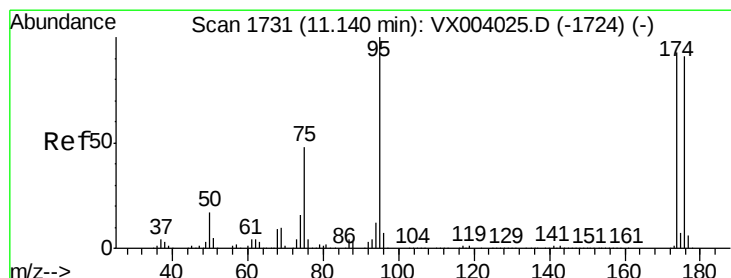
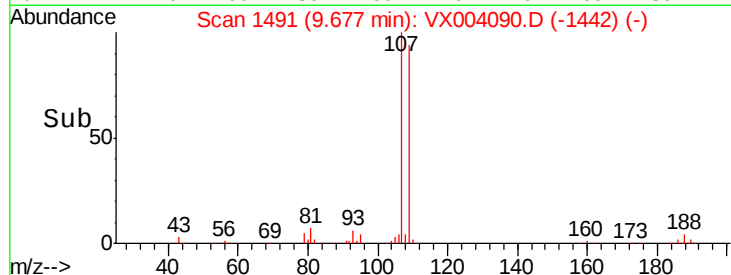
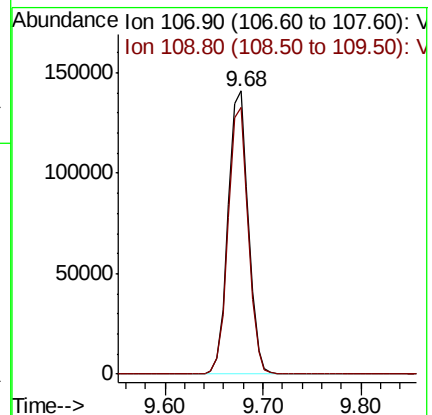
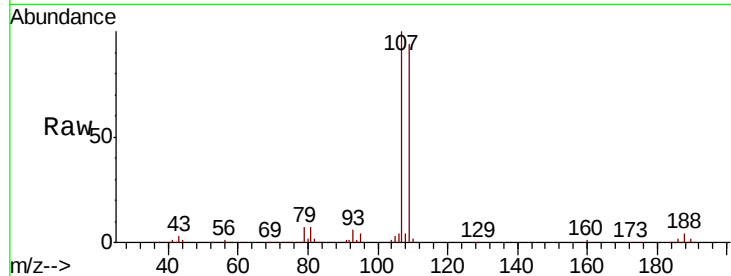
MW-295-SRI3MSD

Tot Ion:107 Resp: 201946

Ion Ratio Lower Upper

107 100

109 94.1 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 50.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

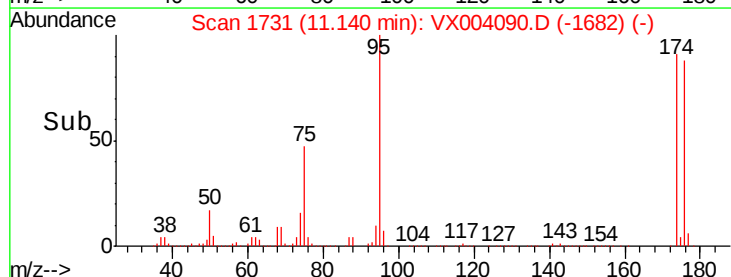
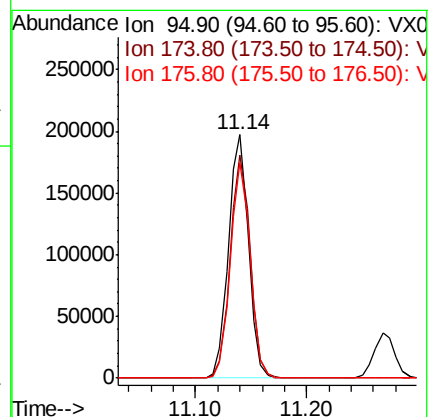
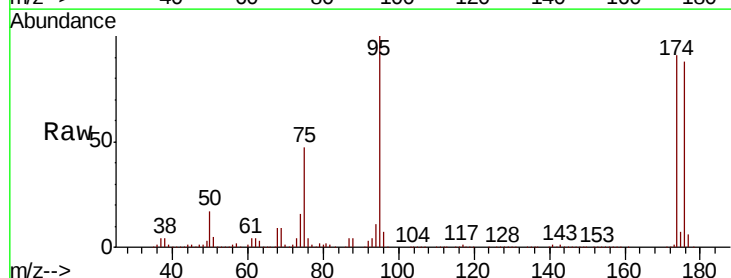
Tgt Ion: 95 Resp: 244901

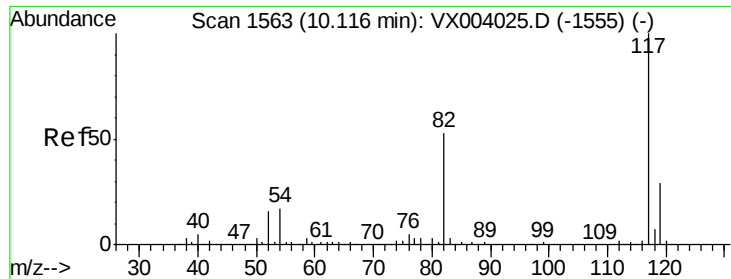
Ion Ratio Lower Upper

95 100

174 91.4 0.0 182.8

176 87.8 0.0 179.0

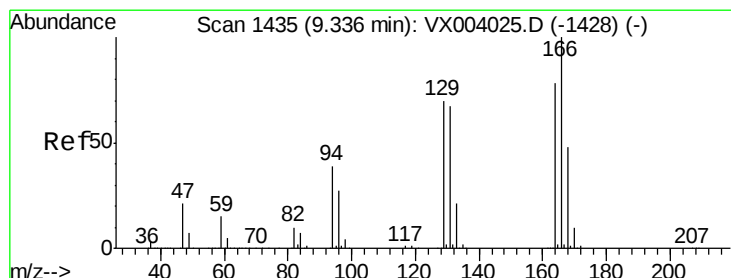
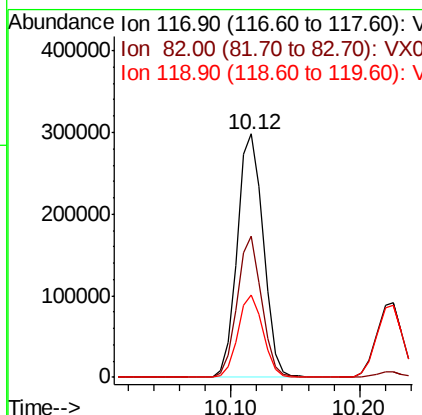
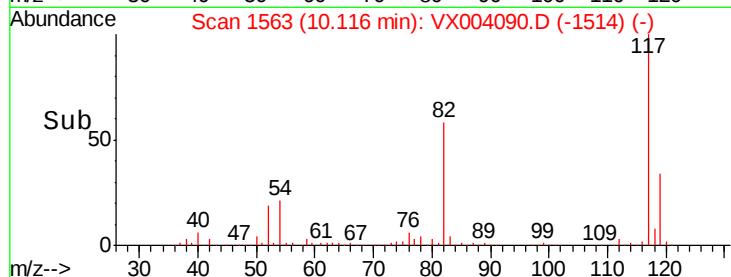
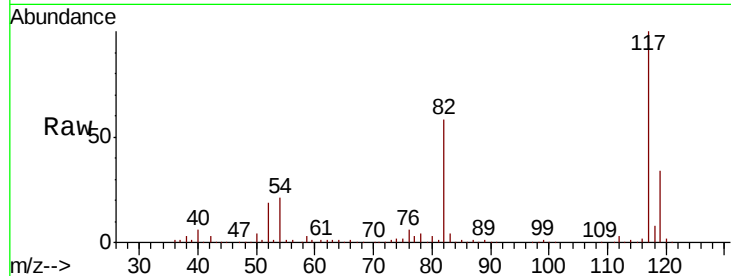




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

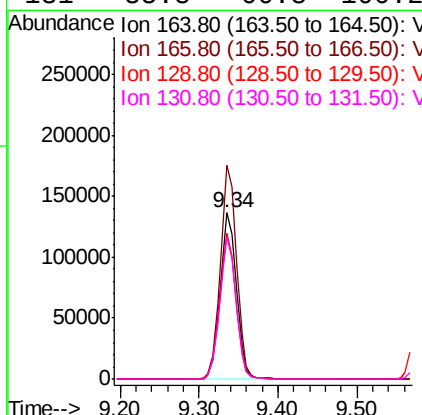
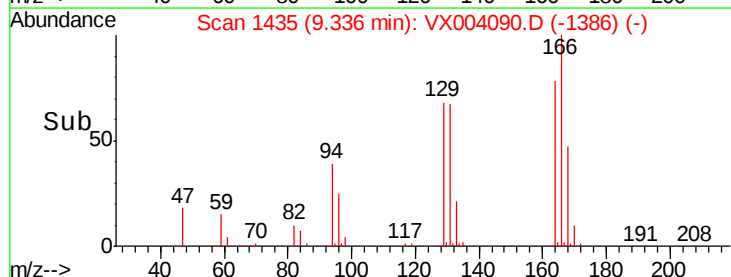
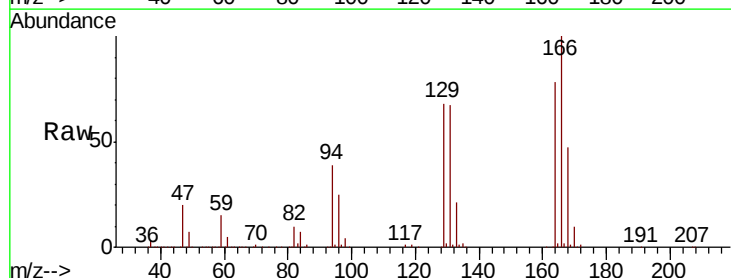
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

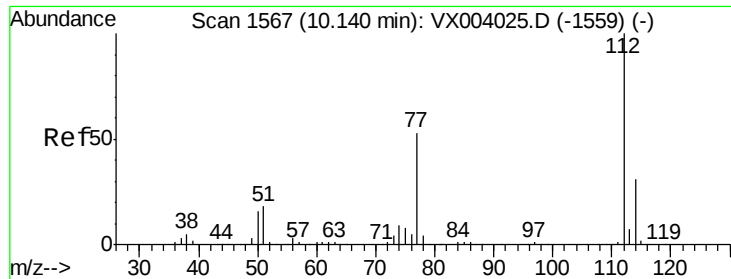
Tot Ion:117 Resp: 419089
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 33.8 26.6 40.0



#64
Tetrachloroethene
Concen: 49.65 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion:164 Resp: 197210
Ion Ratio Lower Upper
164 100
166 128.8 98.0 147.0
129 88.1 64.3 96.5
131 85.8 66.8 100.2

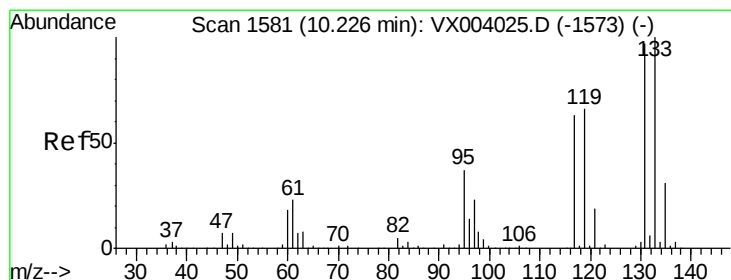
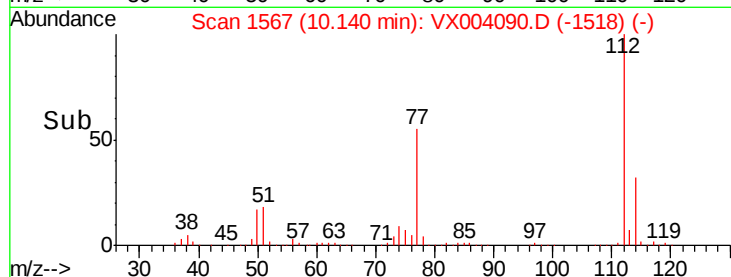
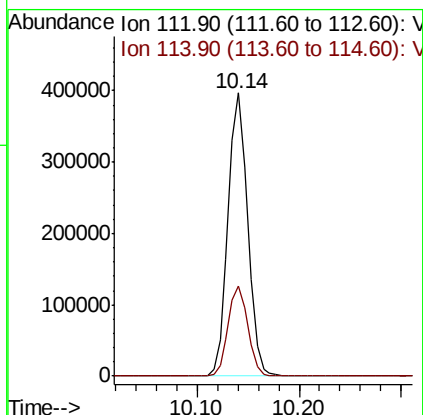
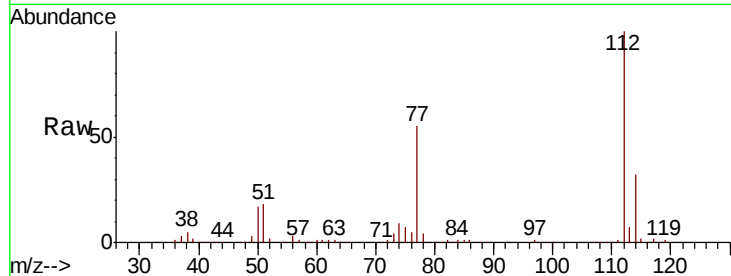




#65
Chlorobenzene
Concen: 48.75 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

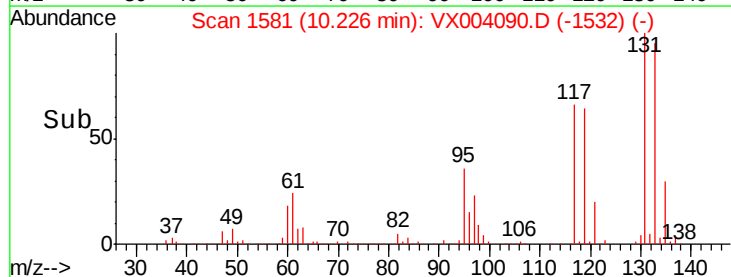
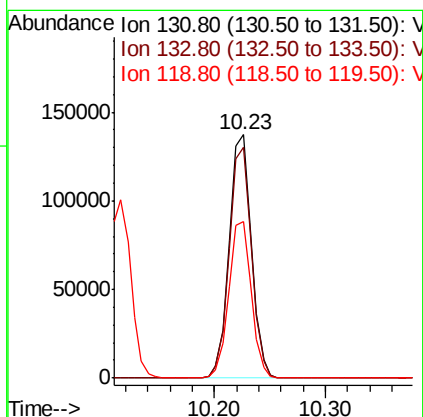
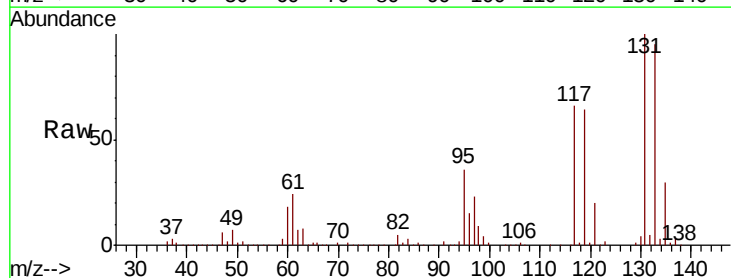
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

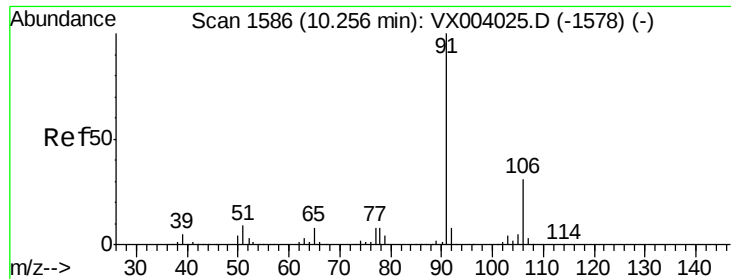
Tot Ion:112 Resp: 527800
Ion Ratio Lower Upper
112 100
114 32.0 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.21 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion:131 Resp: 189095
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 65.2 31.6 94.8





#67

Ethyl Benzene

Concen: 51.66 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

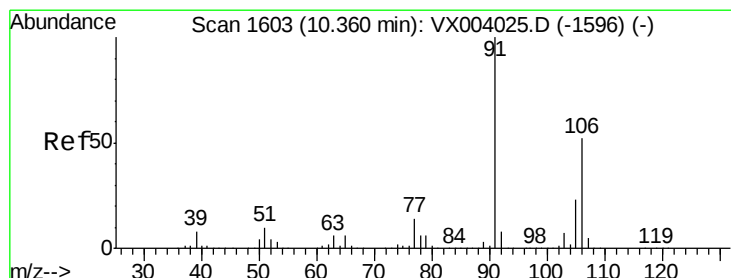
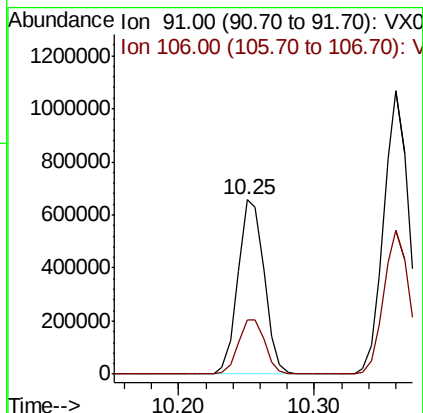
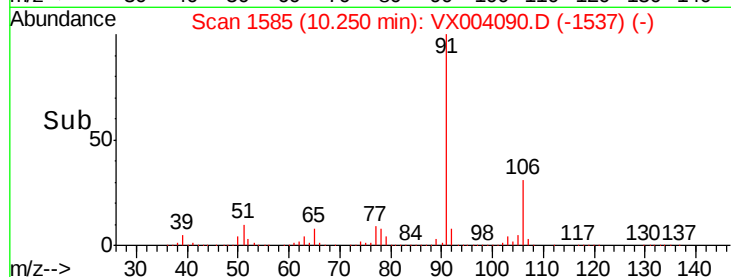
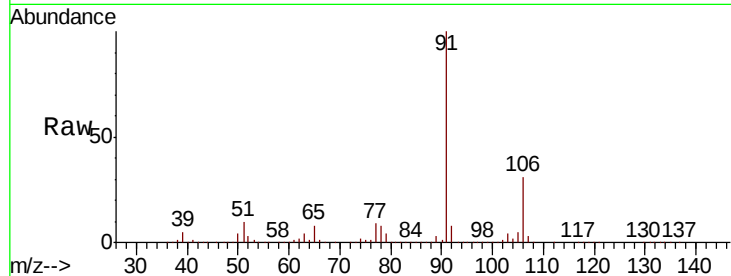
MW-295-SRI3MSD

Tot Ion: 91 Resp: 885548

Ion Ratio Lower Upper

91 100

106 31.0 25.9 38.9



#68

m/p-Xylenes

Concen: 105.89 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX004090.D

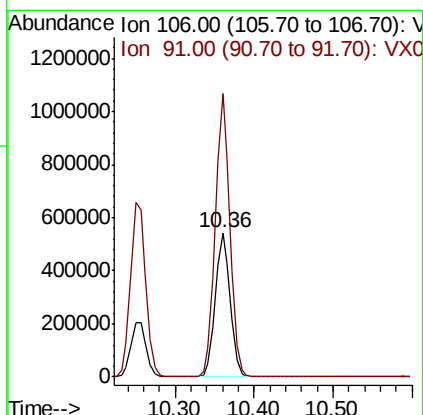
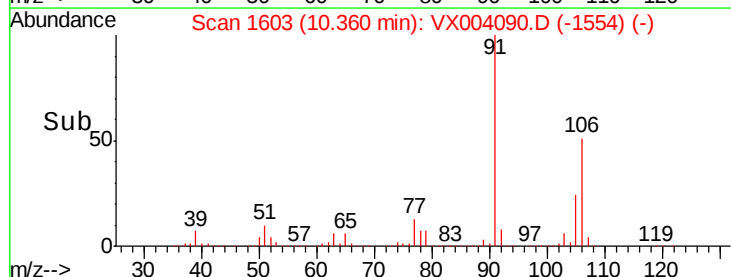
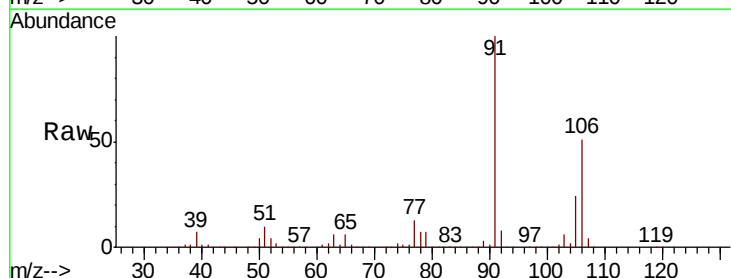
Acq: 15 Aug 2018 23:08

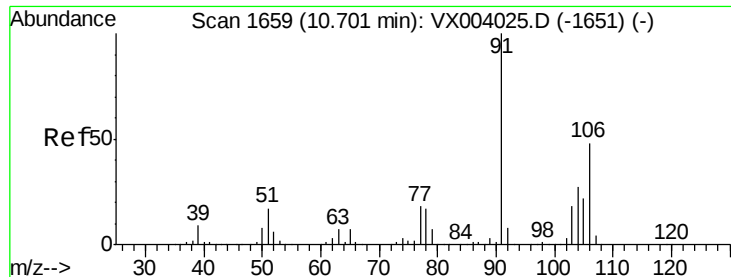
Tgt Ion:106 Resp: 710827

Ion Ratio Lower Upper

106 100

91 194.2 162.3 243.5

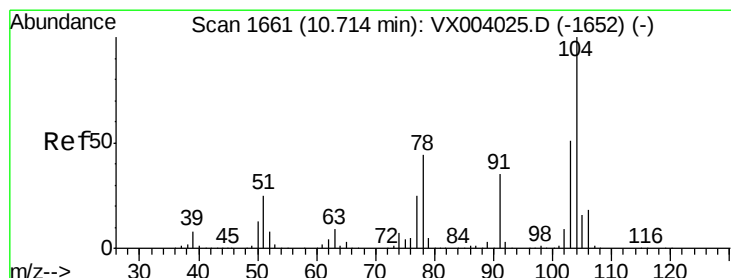
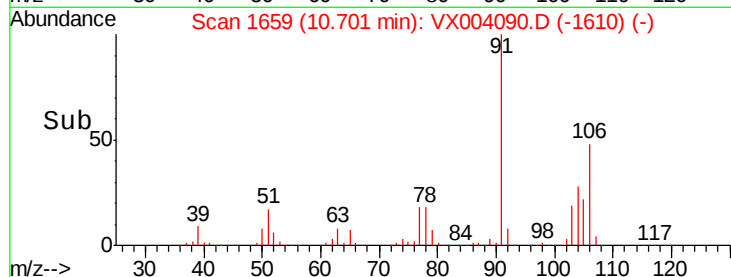
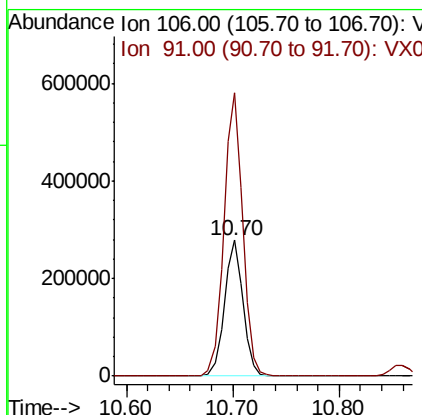
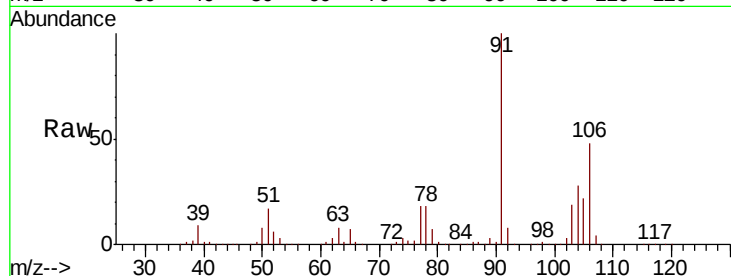




#69
o-Xylene
Concen: 52.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

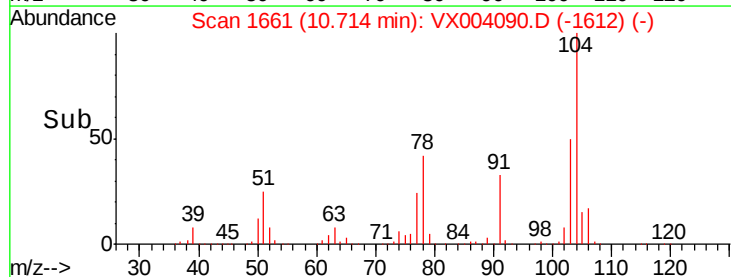
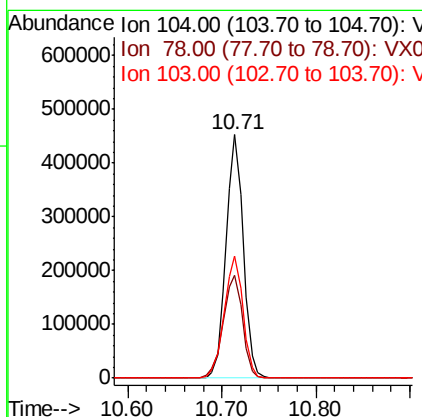
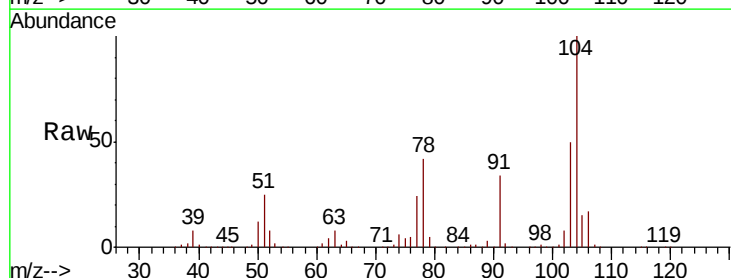
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

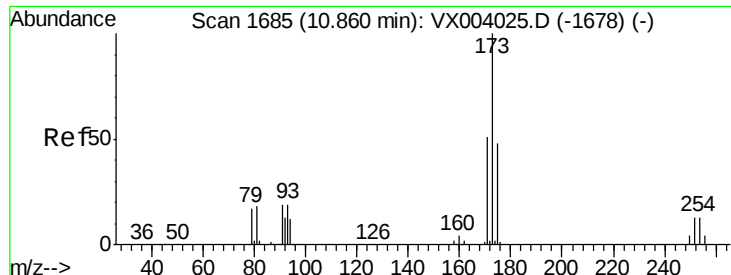
Tot Ion:106 Resp: 338892
Ion Ratio Lower Upper
106 100
91 209.9 101.9 305.7



#70
Styrene
Concen: 53.47 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion:104 Resp: 577333
Ion Ratio Lower Upper
104 100
78 47.2 39.8 59.6
103 54.4 44.3 66.5

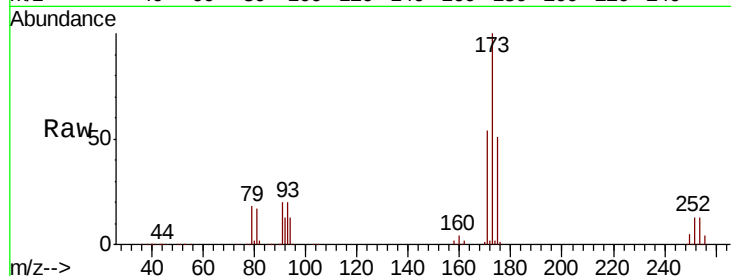




#71
Bromoform
Concen: 51.17 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.7
254	0.2	0.2	0.2

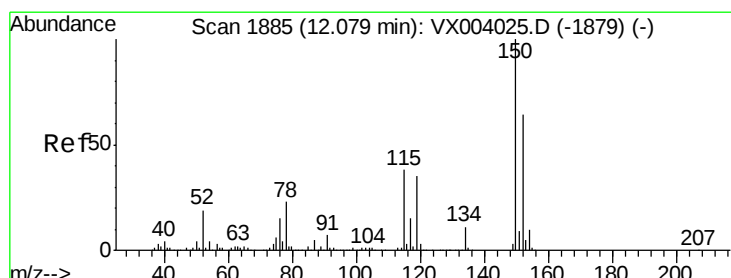
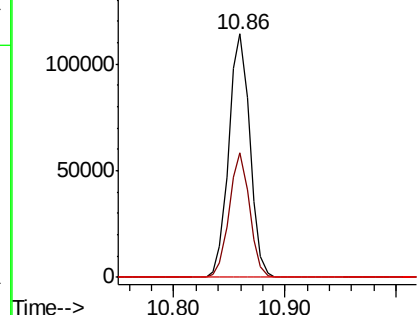
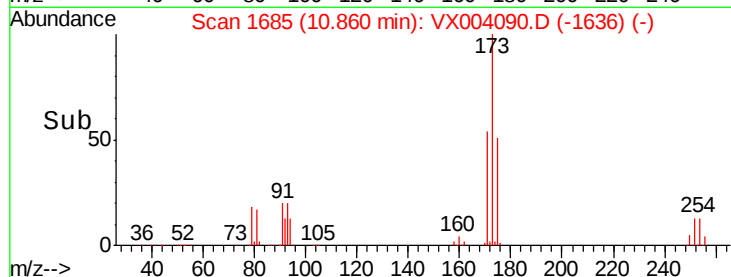


Abundance

Ion 172.70 (172.40 to 173.40): V

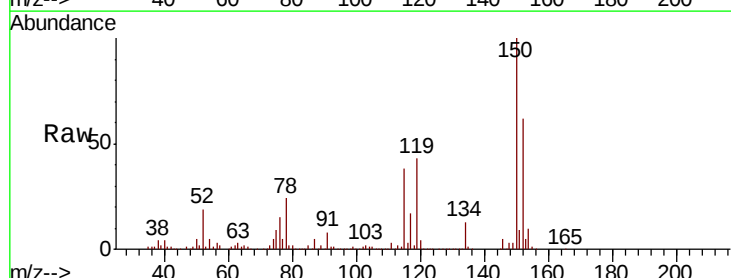
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	39.1	117.3
150	176.2	0.0	349.2

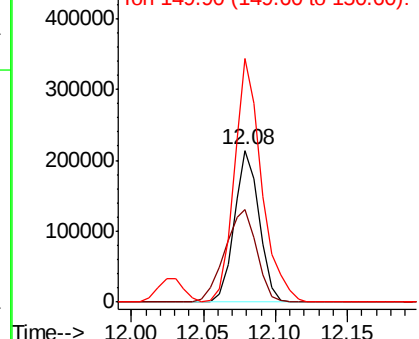
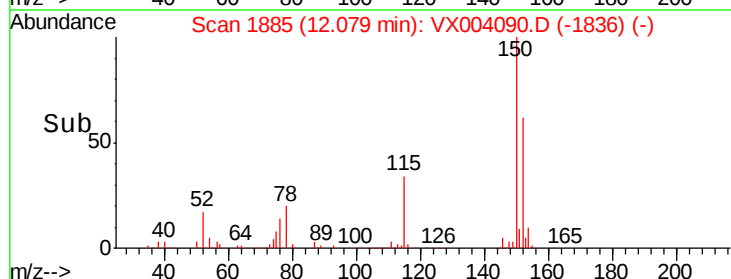


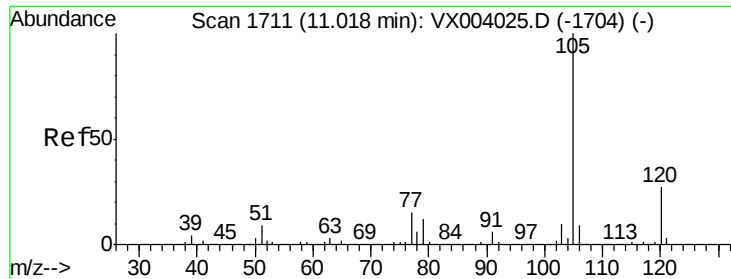
Abundance

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: 51.85 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

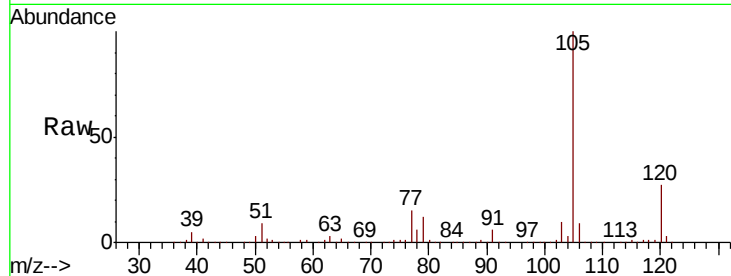
MW-295-SRI3MSD

Tot Ion:105 Resp: 904884

Ion Ratio Lower Upper

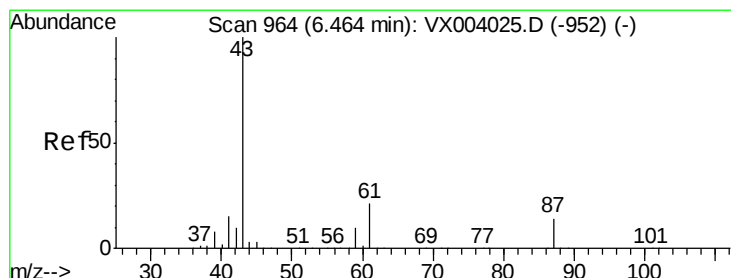
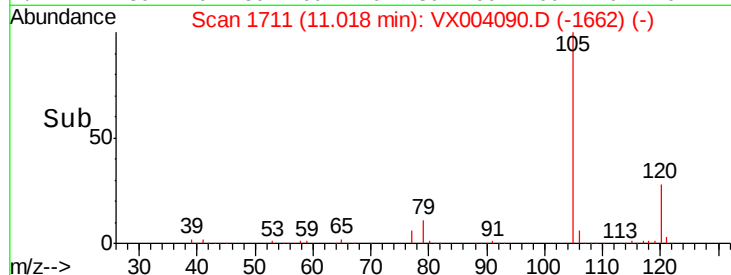
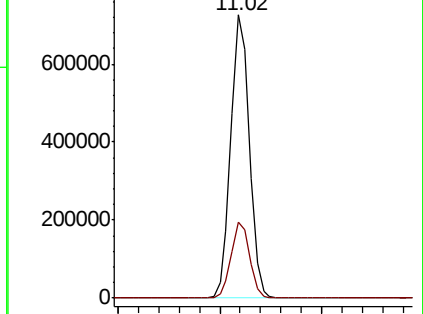
105 100

120 26.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.47 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Tgt Ion: 43 Resp: 381414

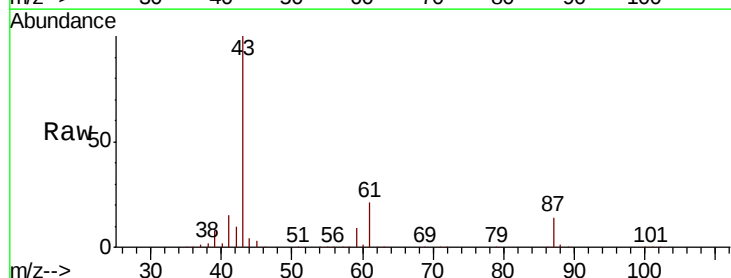
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.8 16.9 25.3

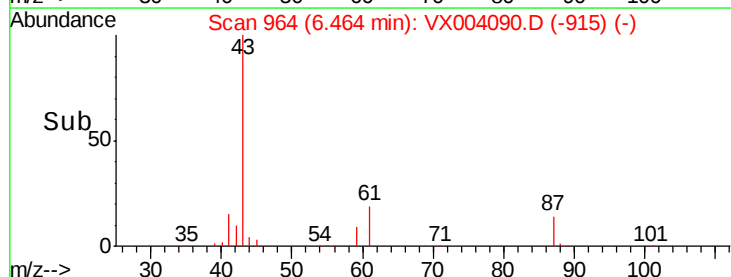
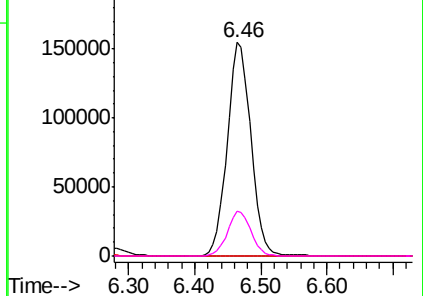


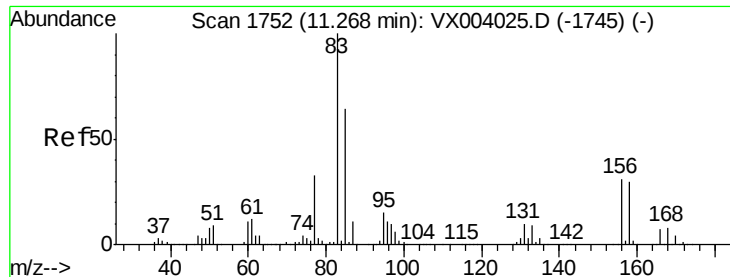
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.14 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

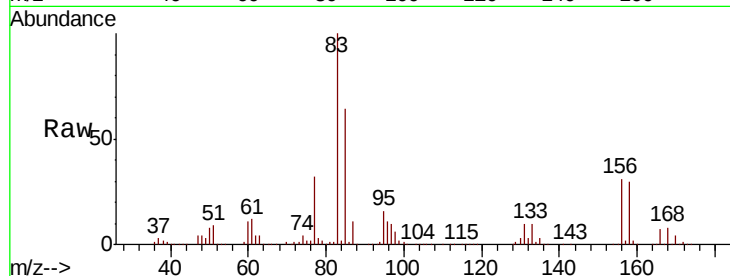
Tot Ion: 83 Resp: 305605

Ion Ratio Lower Upper

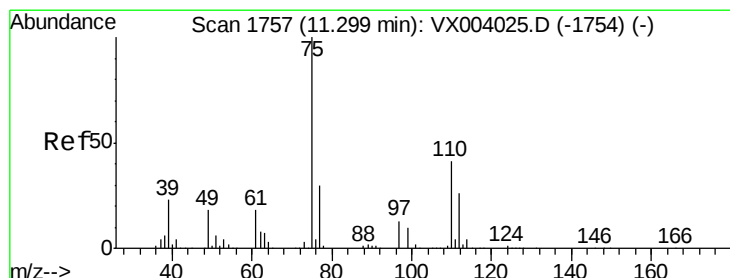
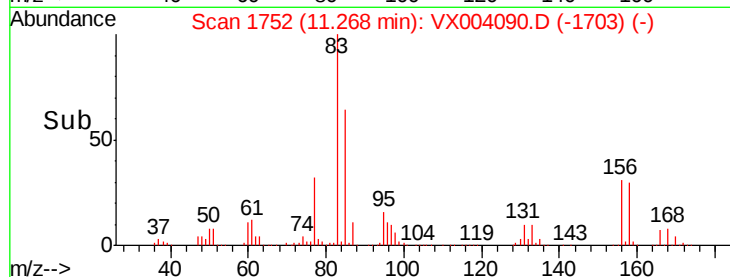
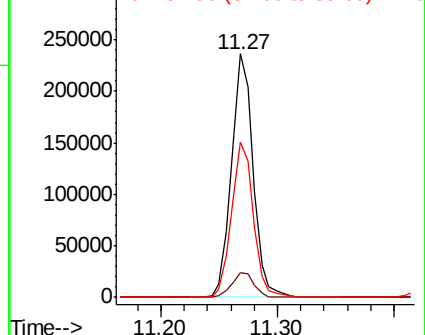
83 100

131 10.5 5.2 15.6

85 64.5 32.2 96.6



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: 64.63 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004090.D

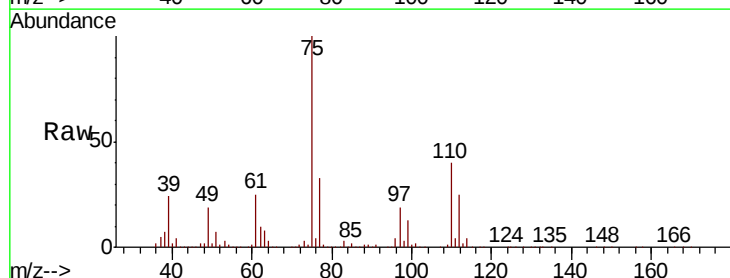
Acq: 15 Aug 2018 23:08

Tgt Ion: 75 Resp: 334240

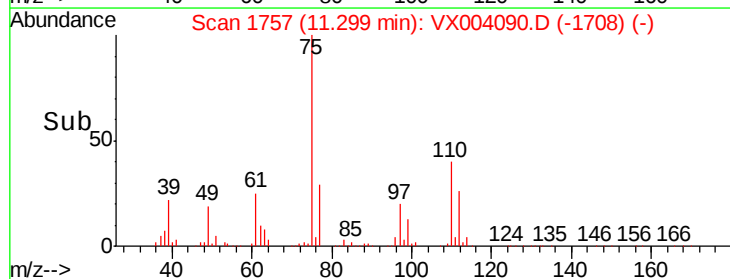
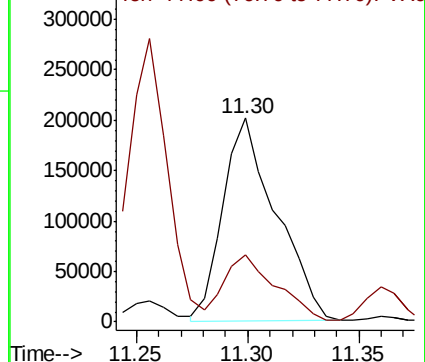
Ion Ratio Lower Upper

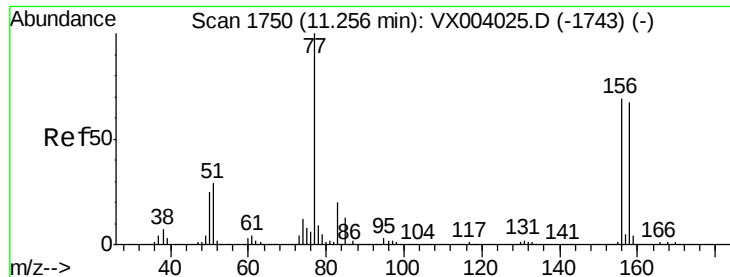
75 100

77 32.8 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.45 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

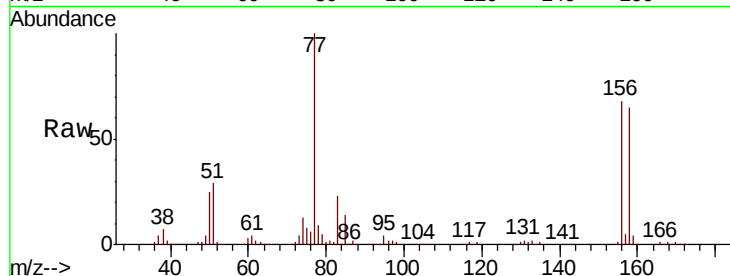
Tot Ion:156 Resp: 237899

Ion Ratio Lower Upper

156 100

77 145.9 74.1 222.2

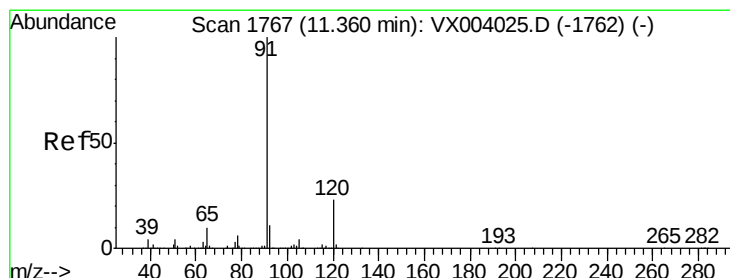
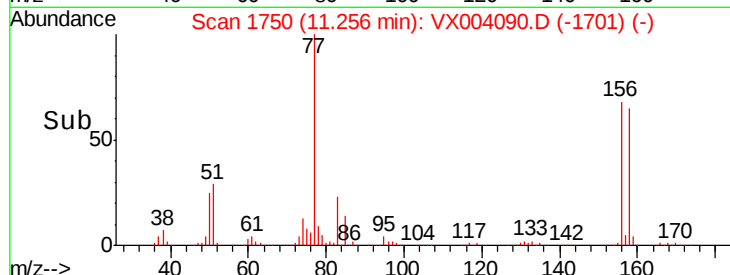
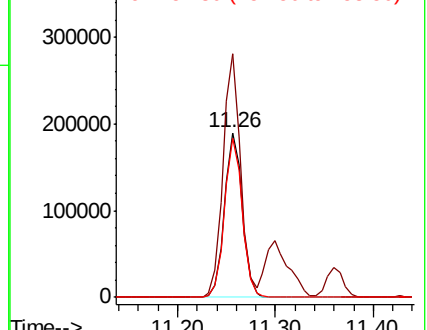
158 97.0 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.08 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004090.D

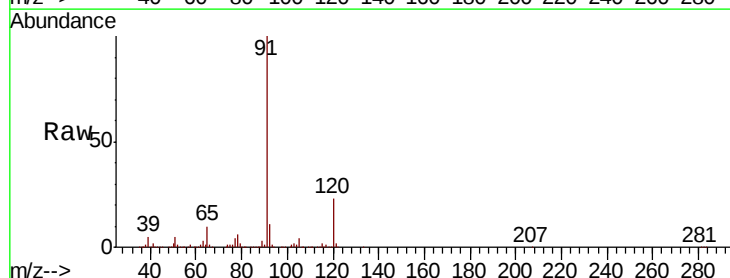
Acq: 15 Aug 2018 23:08

Tgt Ion: 91 Resp: 1036603

Ion Ratio Lower Upper

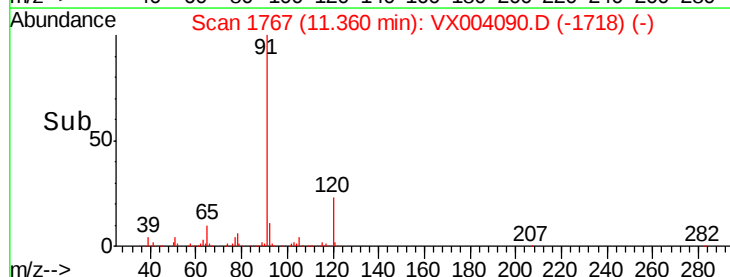
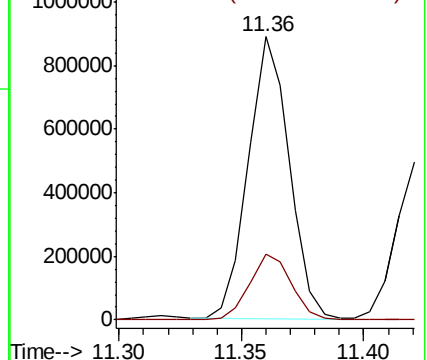
91 100

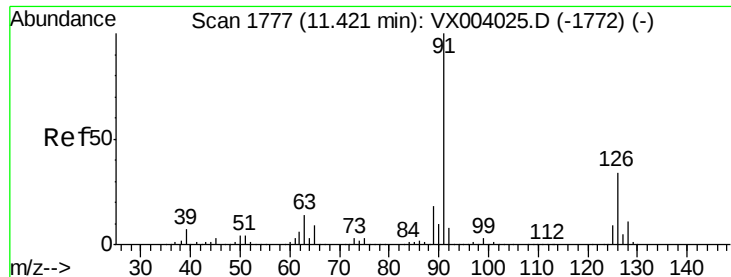
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.63 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

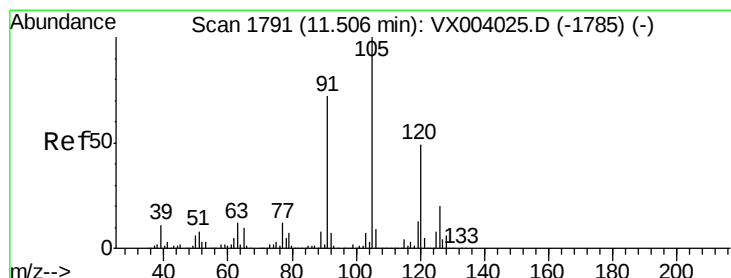
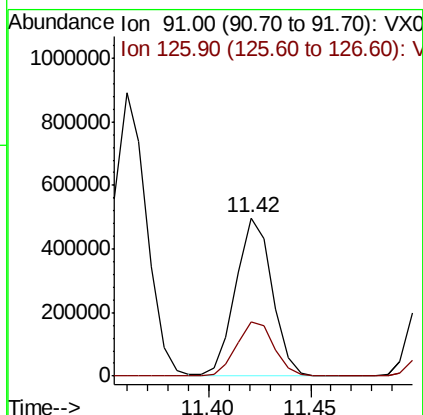
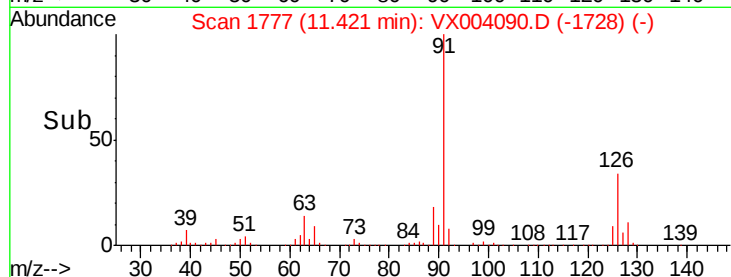
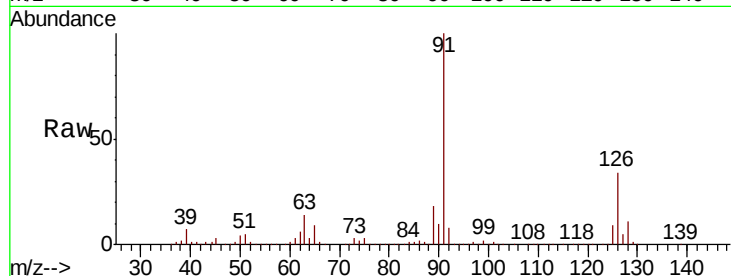
MW-295-SRI3MSD

Tot Ion: 91 Resp: 614471

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 52.98 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX004090.D

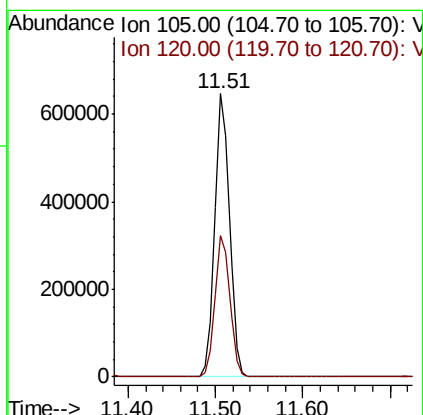
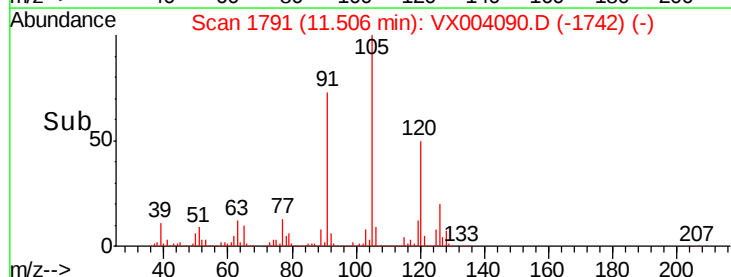
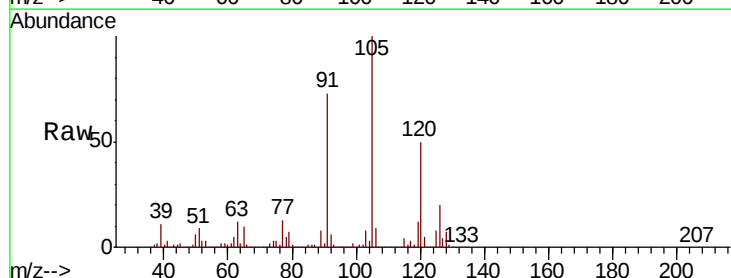
Acq: 15 Aug 2018 23:08

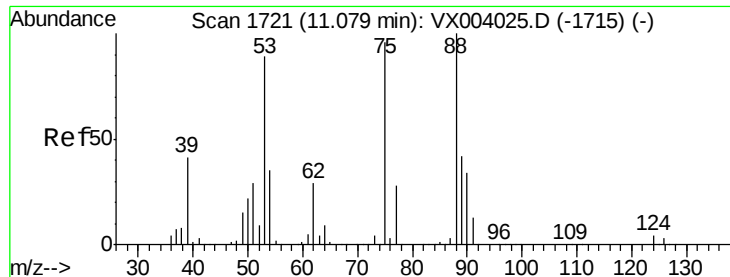
Tgt Ion: 105 Resp: 757148

Ion Ratio Lower Upper

105 100

120 50.4 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.02 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

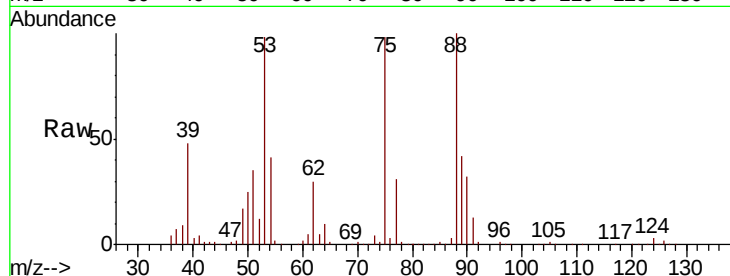
Tot Ion: 75 Resp: 80221

Ion Ratio Lower Upper

75 100

53 100.2 80.3 120.5

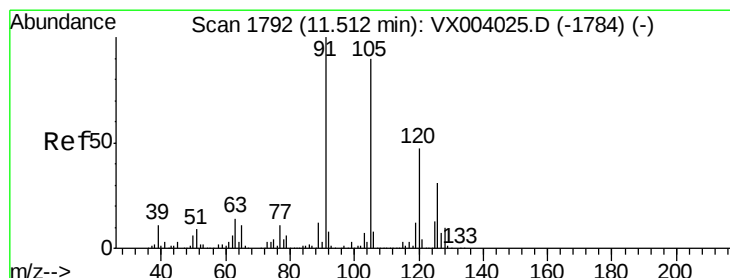
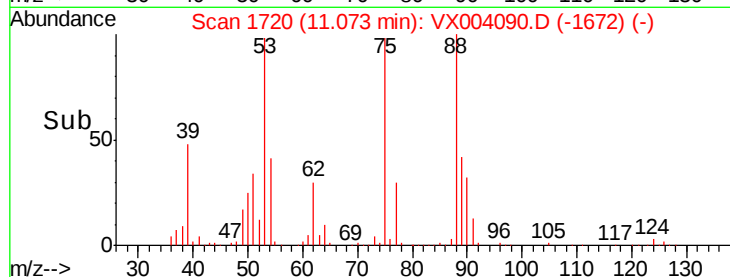
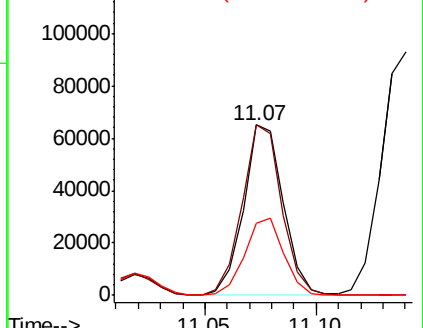
89 45.1 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.28 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004090.D

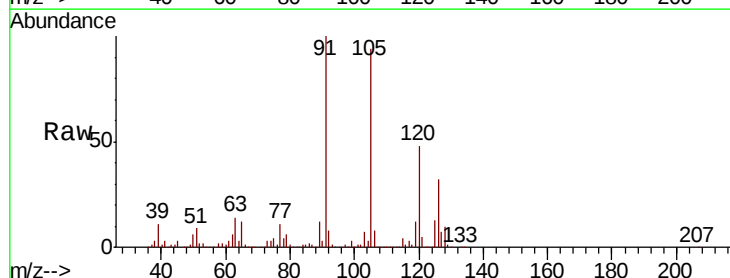
Acq: 15 Aug 2018 23:08

Tgt Ion: 91 Resp: 721512

Ion Ratio Lower Upper

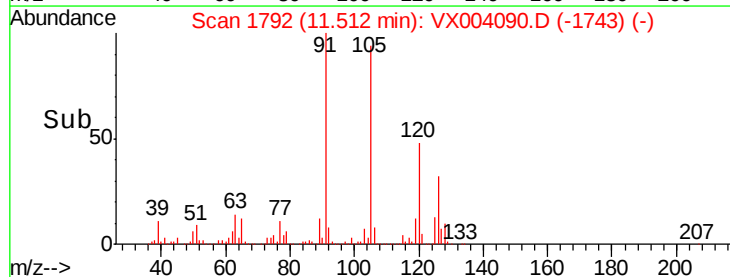
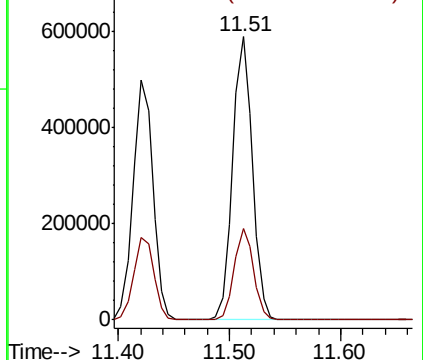
91 100

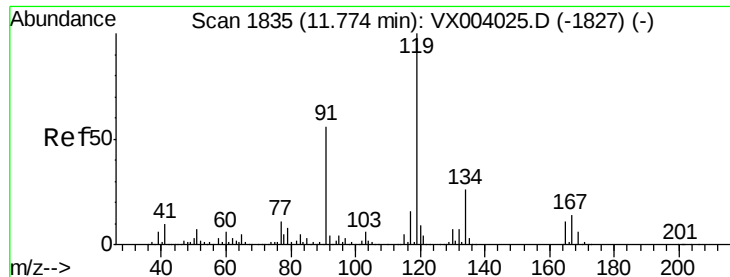
126 31.7 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

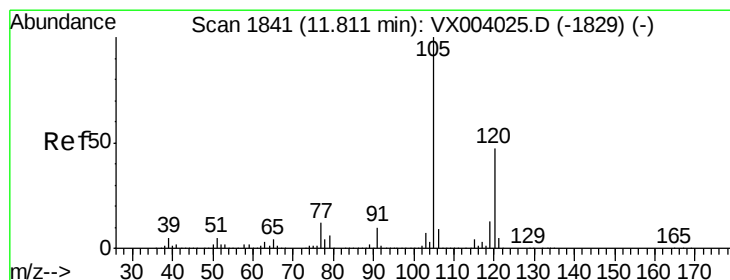
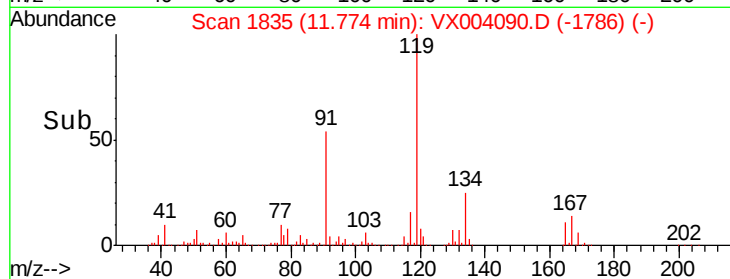
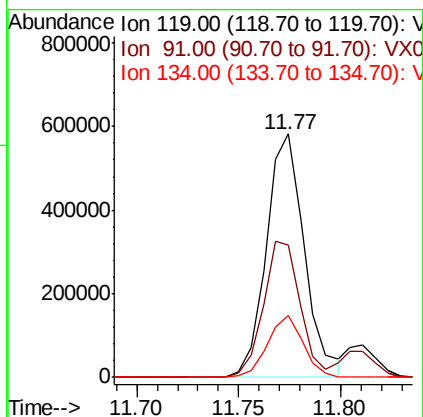
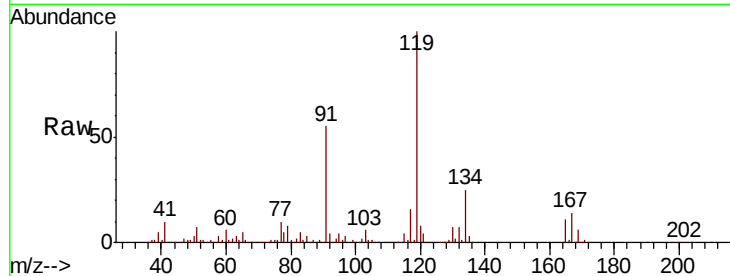




#83
 tert-Butylbenzene
 Concen: 52.44 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

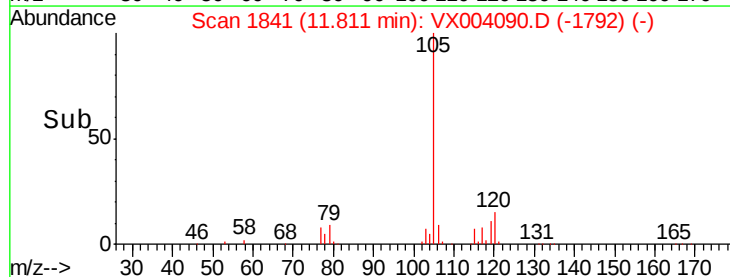
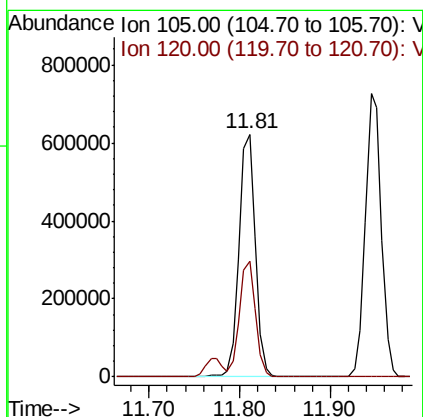
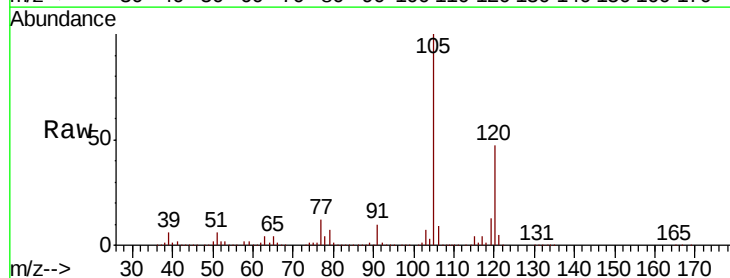
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

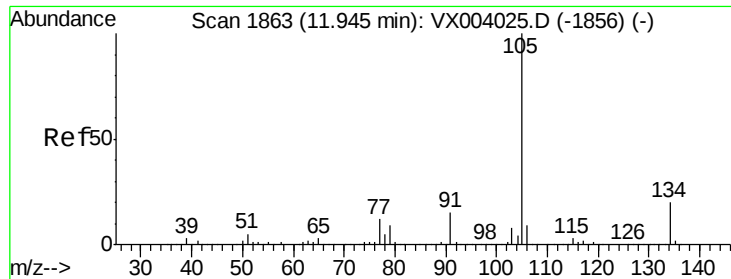
Tot Ion	Ratio	Lower	Upper
119	100		
91	53.9	26.9	80.7
134	23.6	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 52.49 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.2





#85

sec-Butylbenzene

Concen: 52.50 ug/l

RT: 11.95 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

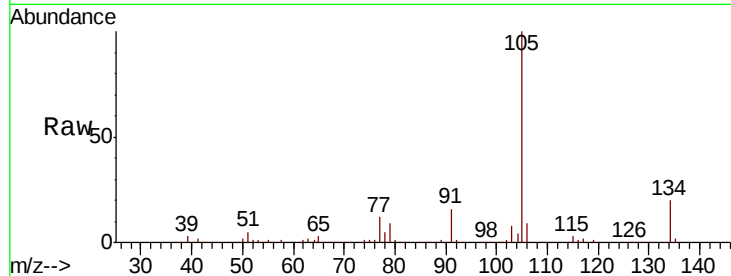
MW-295-SRI3MSD

Tot Ion:105 Resp: 885290

Ion Ratio Lower Upper

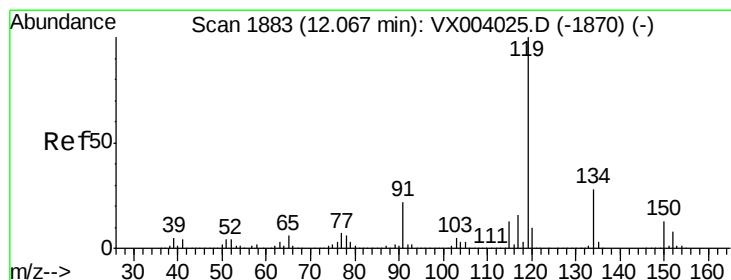
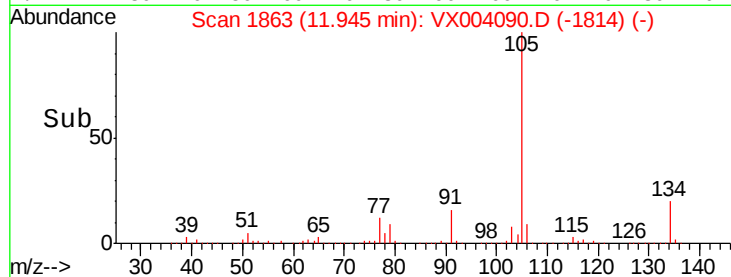
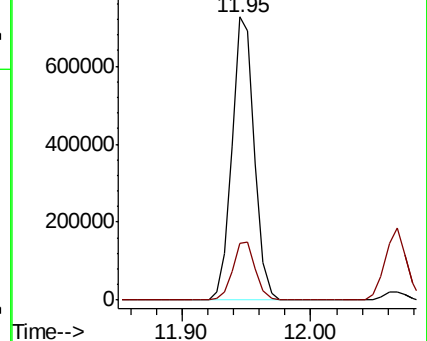
105 100

134 20.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.14 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

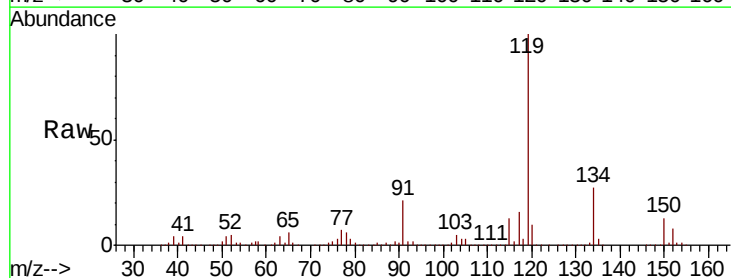
Tgt Ion:119 Resp: 795993

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

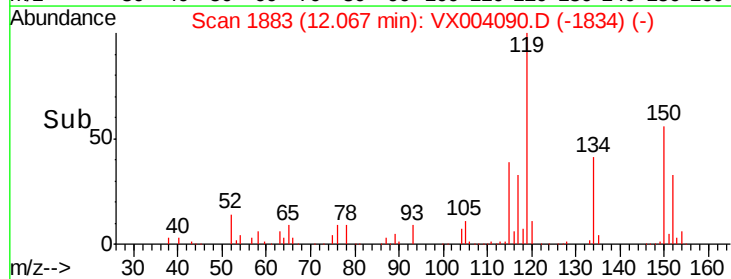
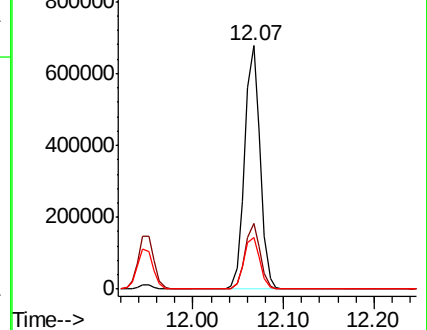
91 21.9 10.9 32.7

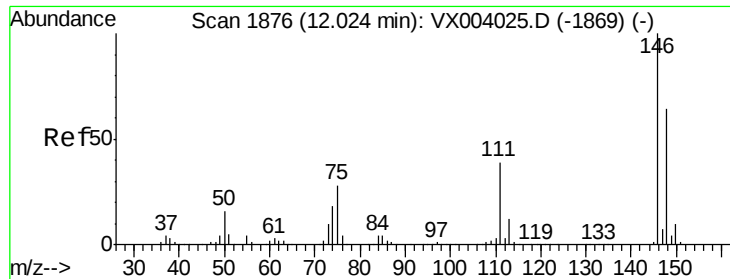


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

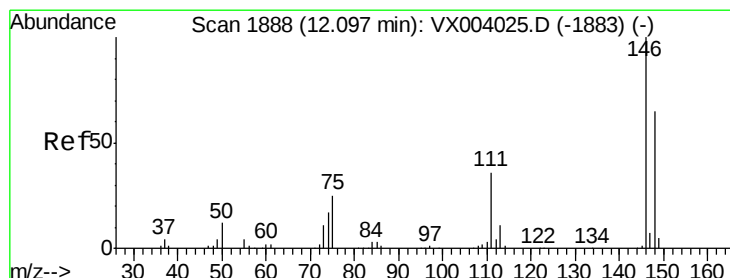
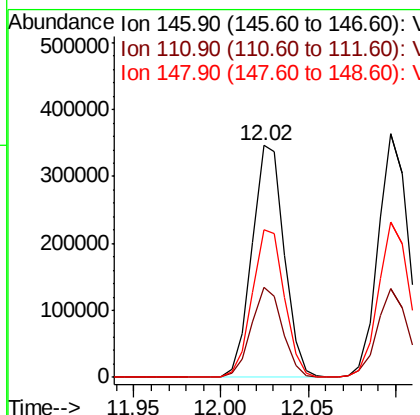
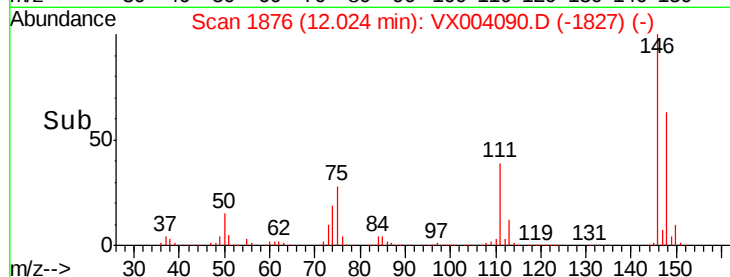
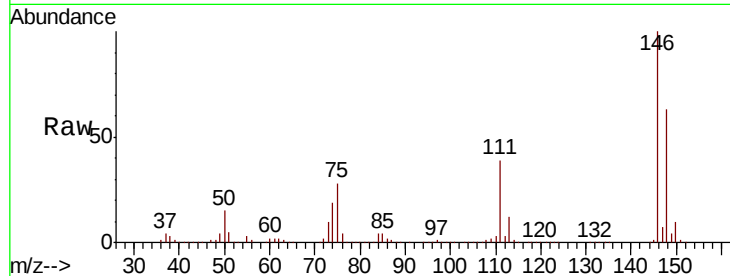




#87
 1,3-Dichlorobenzene
 Concen: 48.30 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

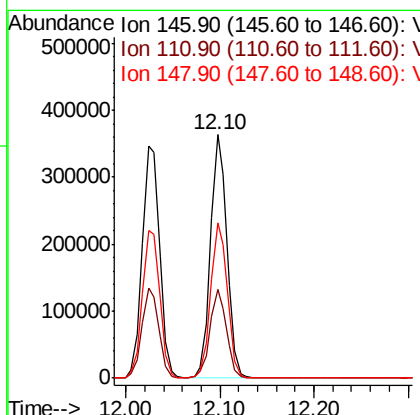
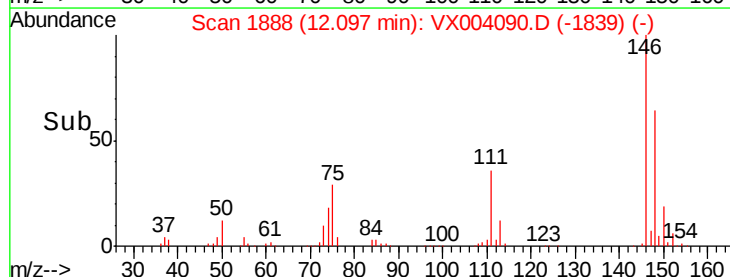
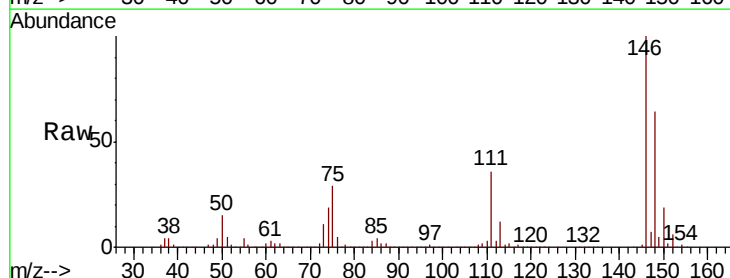
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

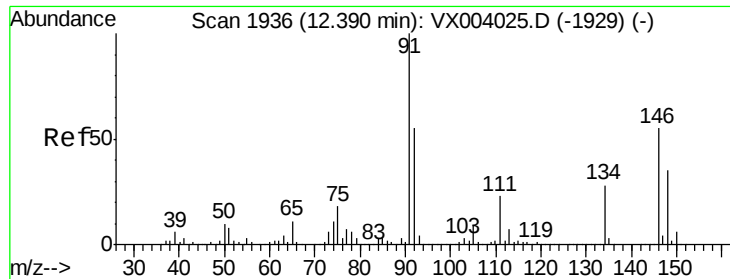
Tot Ion:146 Resp: 443175
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 46.44 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion:146 Resp: 438545
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.4 55.0
 148 64.9 32.3 96.8

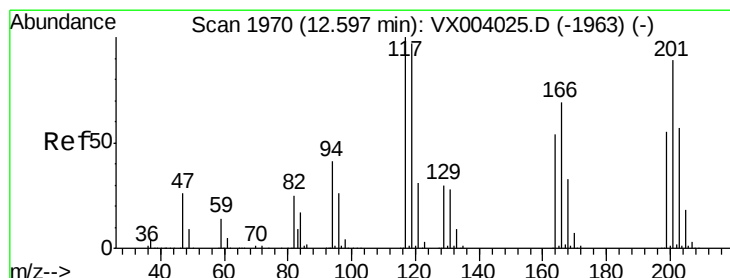
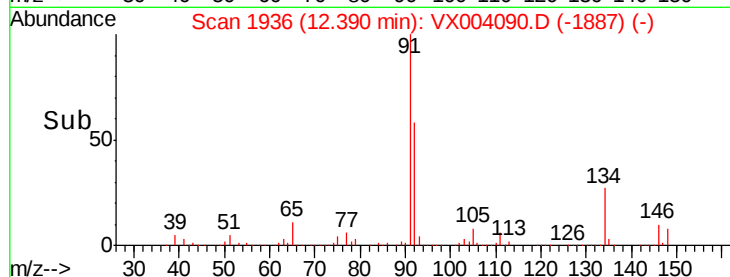
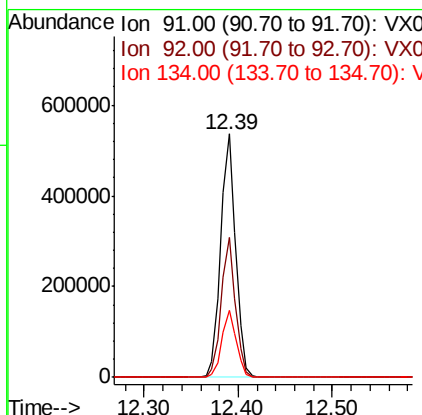
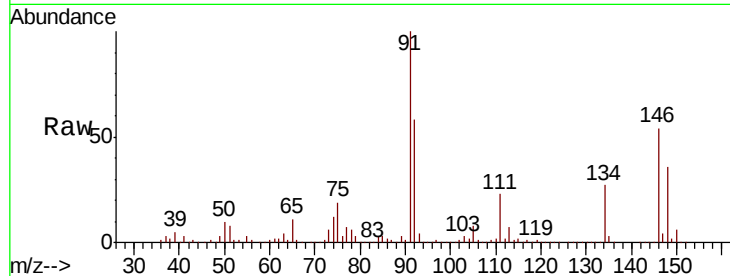




#89
n-Butylbenzene
Concen: 49.18 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

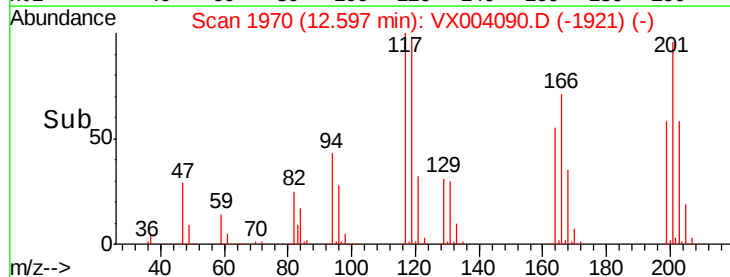
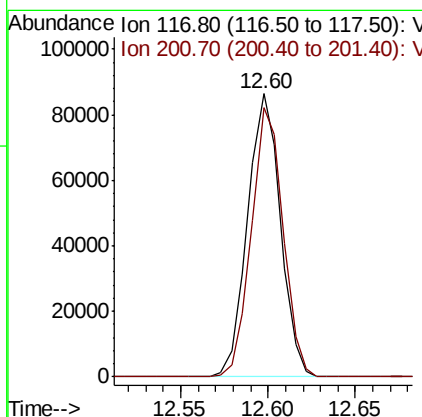
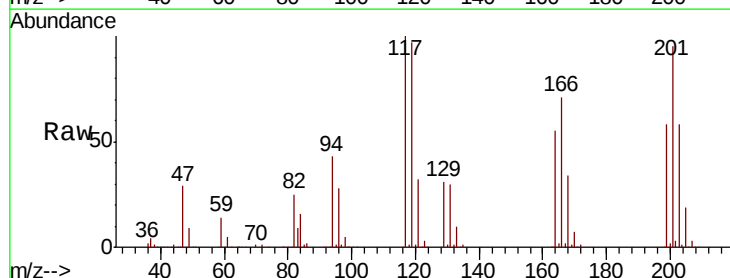
Instrument :
MSVOA_X
ClientSampleId :
MW-295-SRI3MSD

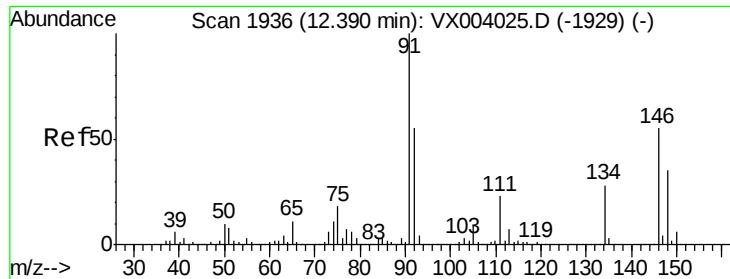
Tot Ion: 91 Resp: 591665
Ion Ratio Lower Upper
91 100
92 54.8 27.1 81.3
134 26.6 13.6 40.7



#90
Hexachloroethane
Concen: 49.35 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX004090.D
Acq: 15 Aug 2018 23:08

Tgt Ion: 117 Resp: 112723
Ion Ratio Lower Upper
117 100
201 92.1 46.1 138.2

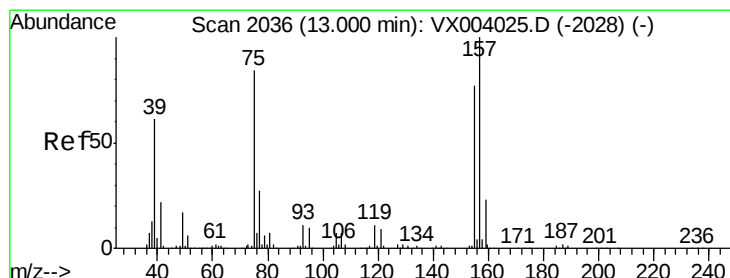
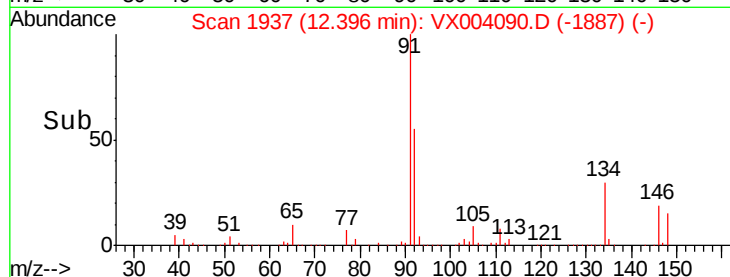
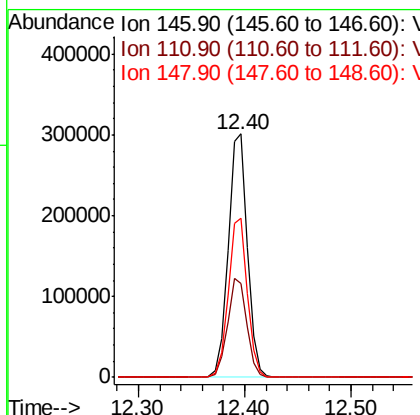
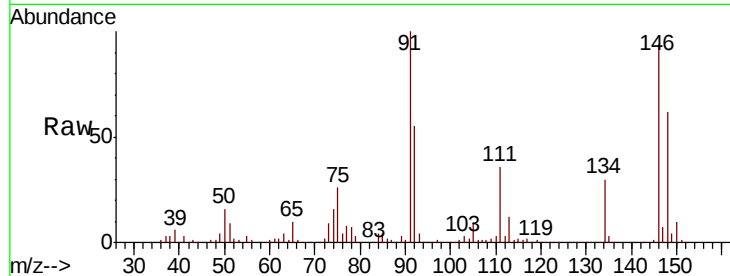




#91
 1,2-Dichlorobenzene
 Concen: 45.72 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

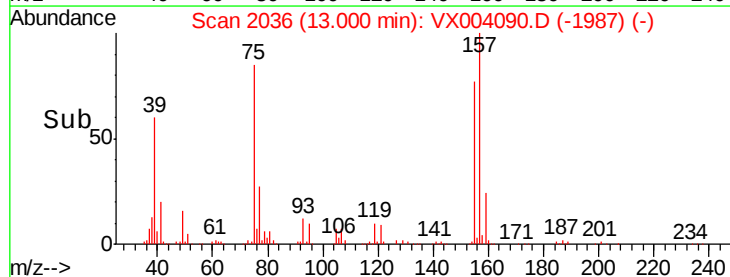
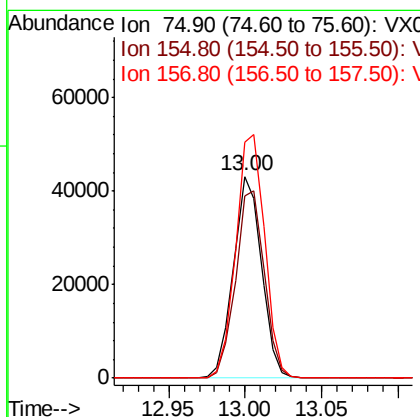
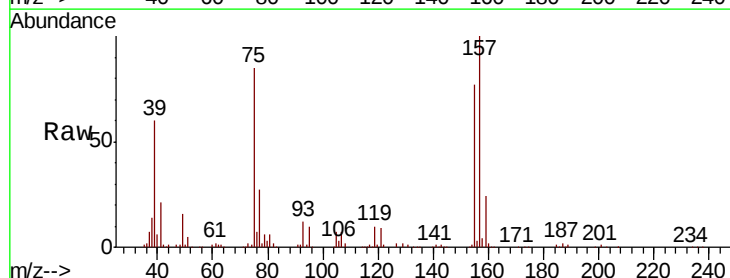
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

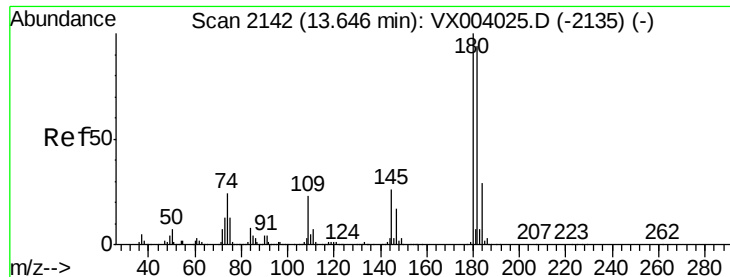
Tot Ion:146 Resp: 378335
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.7 59.0
 148 64.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.31 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion: 75 Resp: 54962
 Ion Ratio Lower Upper
 75 100
 155 94.7 48.7 146.1
 157 123.9 62.6 187.8

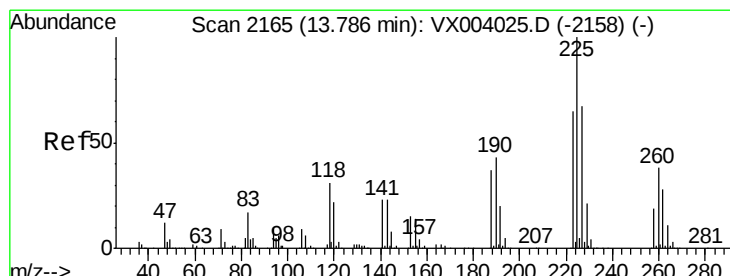
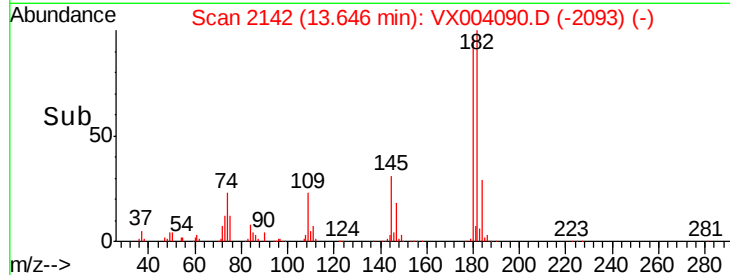
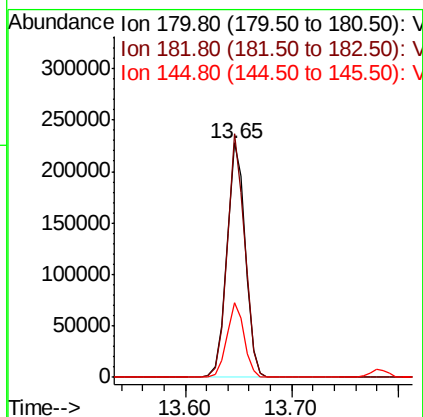
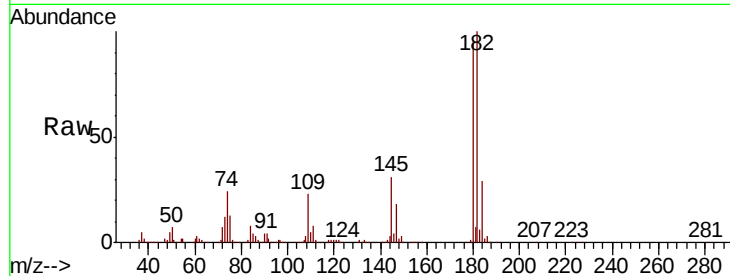




#93
 1,2,4-Trichlorobenzene
 Concen: 48.70 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

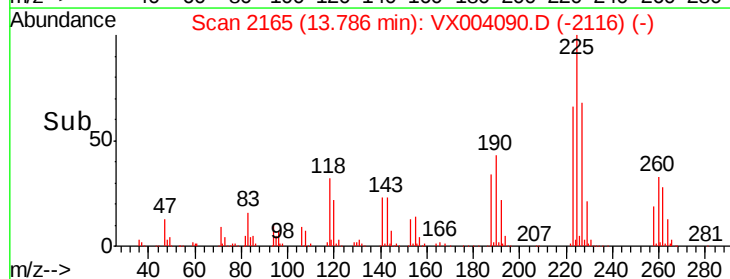
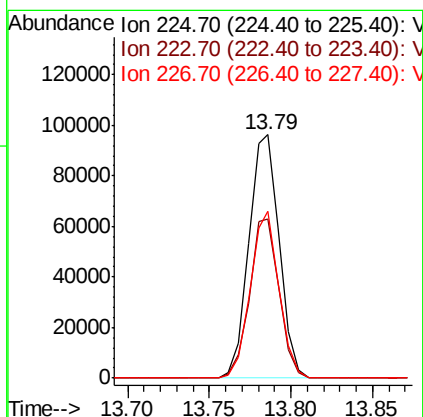
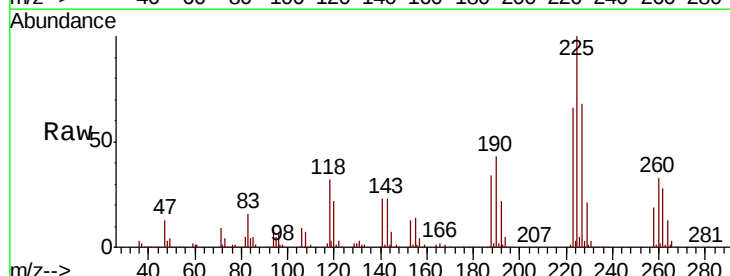
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-295-SRI3MSD

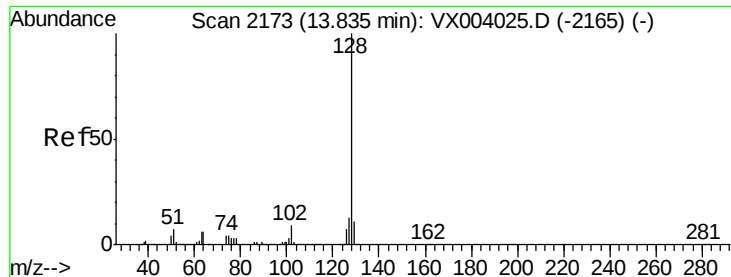
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.8	47.7	143.1
145	30.1	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 43.93 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004090.D
 Acq: 15 Aug 2018 23:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.4	94.0
227	64.4	32.1	96.5





#95

Naphthalene

Concen: 52.50 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

Instrument :

MSVOA_X

ClientSampleId :

MW-295-SRI3MSD

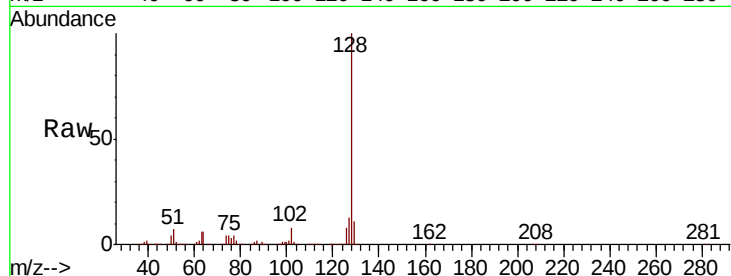
Tot Ion:128 Resp: 947618

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.5 8.8 13.2

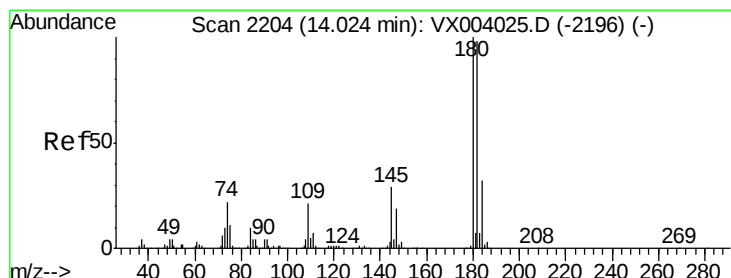
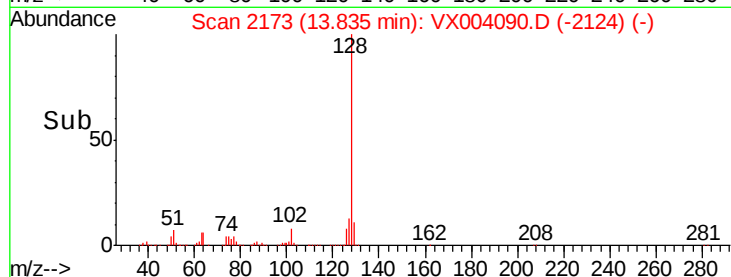
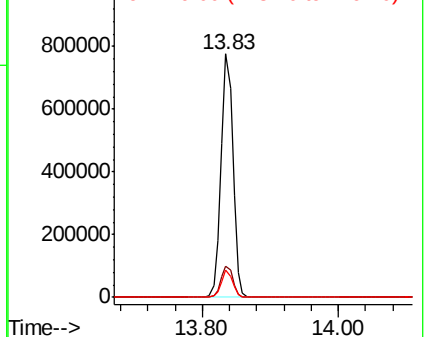


Abundance

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: 51.05 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004090.D

Acq: 15 Aug 2018 23:08

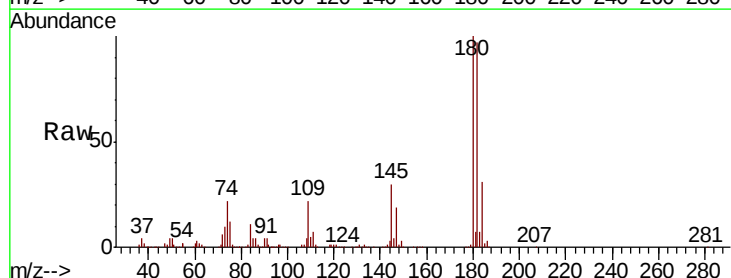
Tgt Ion:180 Resp: 314901

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.4

145 29.8 14.9 44.7



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

