

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009844.D
 Acq On : 23 May 2019 07:54
 Operator : JC/SP
 Sample : K2976-11MSD 50X
 Misc : 5.60u/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MSD

Quant Time: May 23 09:12:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	170051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141454	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115730	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
35) Dibromofluoromethane	5.50	113	82169	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	
50) Toluene-d8	8.71	98	333715	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	
62) 4-Bromofluorobenzene	11.13	95	132058	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	61470	39.227	ug/l	100
3) Chloromethane	1.32	50	101271	47.336	ug/l	98
4) Vinyl Chloride	1.41	62	97493	46.732	ug/l	98
5) Bromomethane	1.64	94	61101	48.796	ug/l	96
6) Chloroethane	1.71	64	61535	45.941	ug/l	98
7) Trichlorofluoromethane	1.92	101	115390	45.503	ug/l	99
8) Diethyl Ether	2.19	74	57022	47.471	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	67286	42.253	ug/l	99
10) Methyl Iodide	2.51	142	79757	43.739	ug/l	99
11) Tert butyl alcohol	3.06	59	154741	287.972	ug/l	98
12) 1,1-Dichloroethene	2.37	96	74297	46.565	ug/l	96
13) Acrolein	2.29	56	87679	180.173	ug/l	100
14) Allyl chloride	2.73	41	181071	46.567	ug/l	99
15) Acrylonitrile	3.14	53	324442	246.939	ug/l	99
16) Acetone	2.45	43	289119	231.945	ug/l	97
17) Carbon Disulfide	2.57	76	219772	49.060	ug/l	99
18) Methyl Acetate	2.78	43	144440	48.724	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	300596	48.515	ug/l	100
20) Methylene Chloride	2.85	84	93166	46.162	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	82817	47.860	ug/l	98
22) Diisopropyl ether	3.85	45	367377	49.129	ug/l	98
23) Vinyl Acetate	3.81	43	1634555	255.264	ug/l	98
24) 1,1-Dichloroethane	3.70	63	175258	47.509	ug/l	99
25) 2-Butanone	4.67	43	491041	253.503	ug/l	99
26) 2,2-Dichloropropane	4.59	77	76660	27.919	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	97280	47.099	ug/l	97
28) Bromochloromethane	5.02	49	88622	60.241	ug/l	96
29) Tetrahydrofuran	5.13	42	327700	262.903	ug/l	97
30) Chloroform	5.21	83	160732	48.175	ug/l	100
31) Cyclohexane	5.58	56	160337	46.718	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	130501	46.987	ug/l	99
36) 1,1-Dichloropropene	5.80	75	122461	45.624	ug/l	100
37) Ethyl Acetate	4.84	43	185237	49.532	ug/l	99
38) Carbon Tetrachloride	5.79	117	107025	43.886	ug/l	96

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 ClientSampleId :
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140153	42.518	ug/l	98
40) Benzene	6.14	78	376258	45.295	ug/l	98
41) Methacrylonitrile	5.04	41	105755	47.505	ug/l	98
42) 1,2-Dichloroethane	6.20	62	139412	46.786	ug/l	99
43) Isopropyl Acetate	6.45	43	294263	49.192	ug/l	98
44) Trichloroethene	7.21	130	89913	44.773	ug/l	99
45) 1,2-Dichloropropane	7.51	63	108091	45.954	ug/l	98
46) Dibromomethane	7.66	93	62270	45.588	ug/l	99
47) Bromodichloromethane	7.90	83	126034	46.257	ug/l	97
48) Methyl methacrylate	7.77	41	148173	49.927	ug/l	98
49) 1,4-Dioxane	7.74	88	55600	923.795	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	979379	250.485	ug/l	98
52) Toluene	8.78	92	229415	45.433	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	140364	45.629	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150875	44.312	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	92744	45.020	ug/l	96
56) Ethyl methacrylate	9.18	69	176274	47.935	ug/l	95
57) 1,3-Dichloropropane	9.37	76	168054	46.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	447613	229.450	ug/l	99
59) 2-Hexanone	9.49	43	754508	245.703	ug/l	99
60) Dibromochloromethane	9.58	129	92872	46.158	ug/l	98
61) 1,2-Dibromoethane	9.67	107	97613	46.941	ug/l	100
64) Tetrachloroethene	9.34	164	86867	47.168	ug/l	98
65) Chlorobenzene	10.13	112	241245	44.918	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	85568	43.946	ug/l	99
67) Ethyl Benzene	10.25	91	445702	45.092	ug/l	99
68) m/p-Xylenes	10.36	106	327844	90.764	ug/l	97
69) o-Xylene	10.69	106	161267	45.251	ug/l	98
70) Styrene	10.71	104	287972	46.491	ug/l	98
71) Bromoform	10.85	173	72087	45.557	ug/l #	100
73) Isopropylbenzene	11.02	105	458360	44.560	ug/l	100
74) N-amyl acetate	10.90	43	330600	55.127	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	11.27	83	189178	49.334	ug/l	93
76) 1,2,3-Trichloropropane	11.29	75	184868	56.341	ug/l	81
77) Bromobenzene	11.26	156	107986	42.296	ug/l	98
78) n-propylbenzene	11.36	91	598477	50.945	ug/l	100
79) 2-Chlorotoluene	11.42	91	299169	41.278	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	525946	60.725	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46922	36.589	ug/l	88
82) 4-Chlorotoluene	11.51	91	372783	45.529	ug/l	97
83) tert-Butylbenzene	11.77	119	370502	43.974	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1432900	164.822	ug/l	99
85) sec-Butylbenzene	11.94	105	548717	54.932	ug/l	95
86) p-Isopropyltoluene	12.06	119	510613	56.860	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	199682	43.873	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	201503	43.913	ug/l	98
89) n-Butylbenzene	12.38	91	562470	69.299	ug/l #	84
90) Hexachloroethane	12.59	117	95673	62.535	ug/l	70
91) 1,2-Dichlorobenzene	12.39	146	196349	42.355	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39549	45.976	ug/l	91

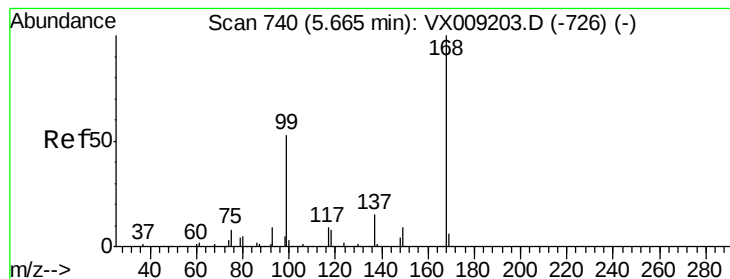
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009844.D
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	144947	45.723	ug/l	97
94) Hexachlorobutadiene	13.78	225	72521	44.798	ug/l	100
95) Naphthalene	13.83	128	461130	44.710	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	143184	44.558	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

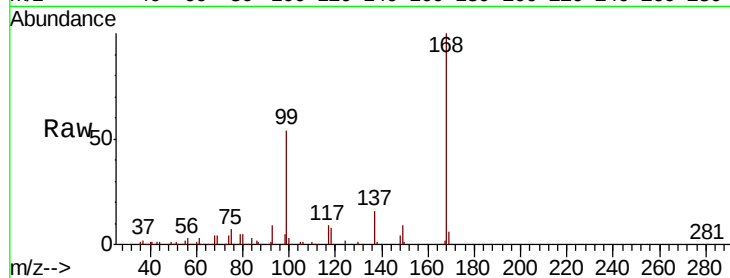
EP1-SB-MW-ER(14-17)MSD

Tot Ion:168 Resp: 170051

Ion Ratio Lower Upper

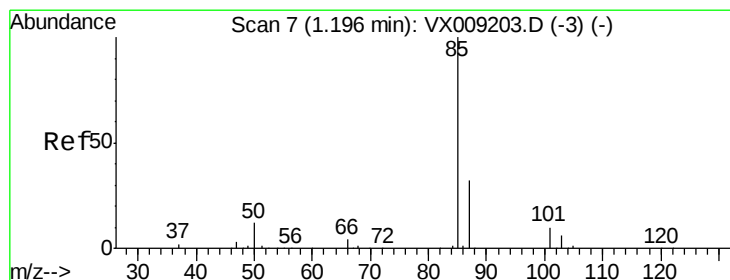
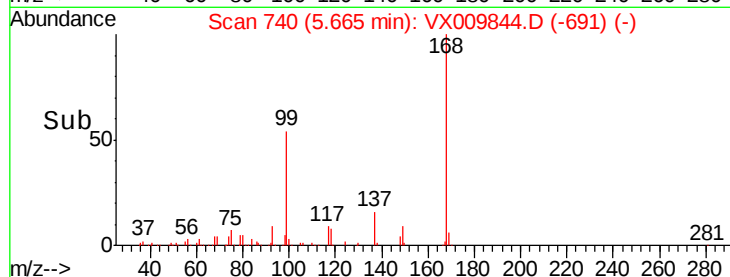
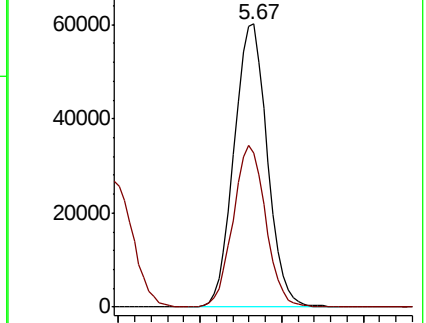
168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.227 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009844.D

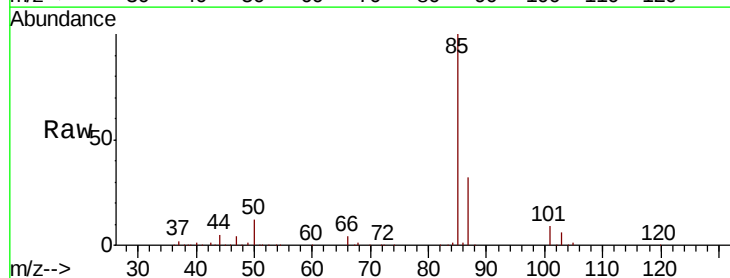
Acq: 23 May 2019 07:54

Tgt Ion: 85 Resp: 61470

Ion Ratio Lower Upper

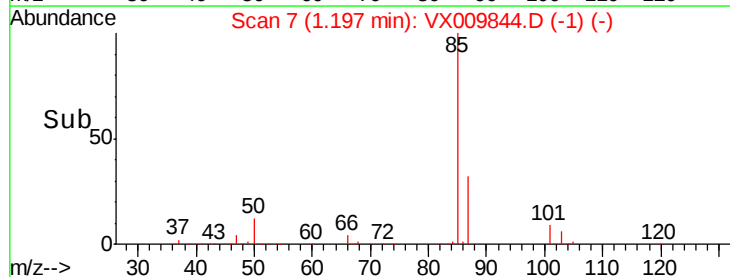
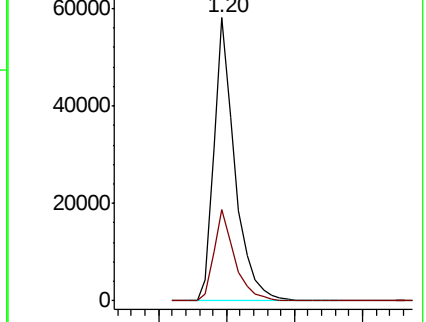
85 100

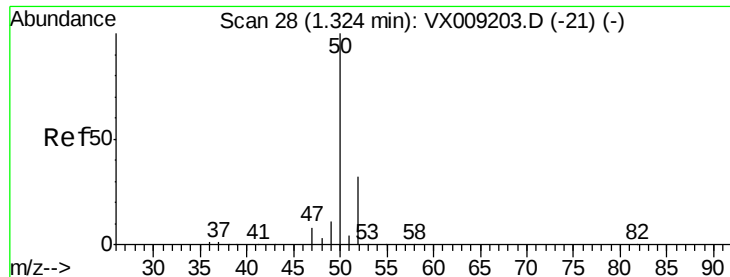
87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.336 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

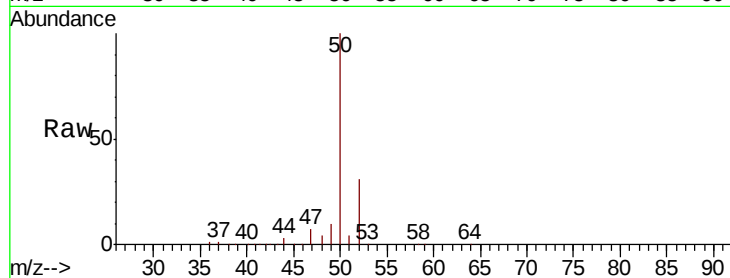
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 50 Resp: 101271

Ion Ratio Lower Upper

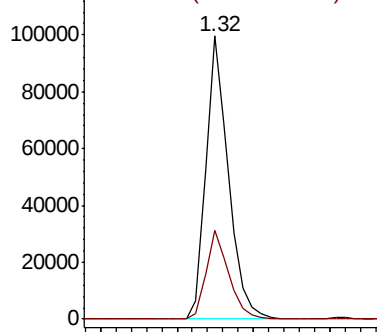
50 100

52 31.3 25.9 38.9

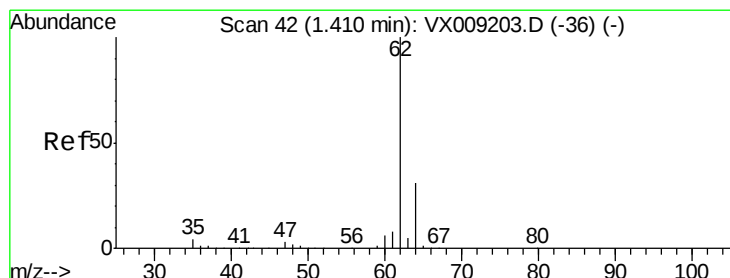
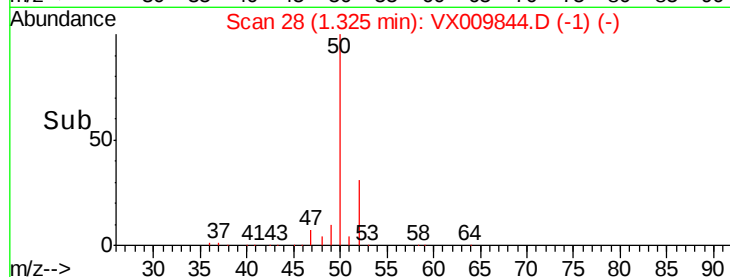


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 46.732 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009844.D

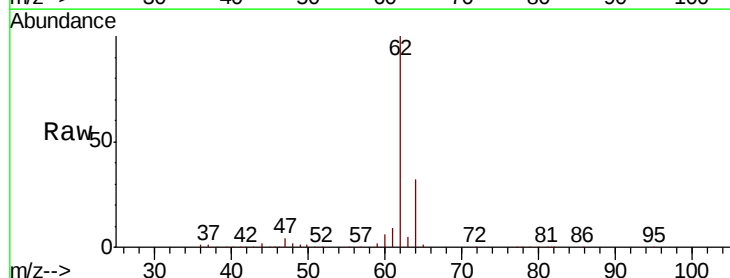
Acq: 23 May 2019 07:54

Tgt Ion: 62 Resp: 97493

Ion Ratio Lower Upper

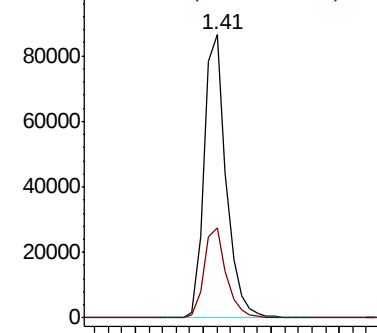
62 100

64 31.9 24.6 36.8

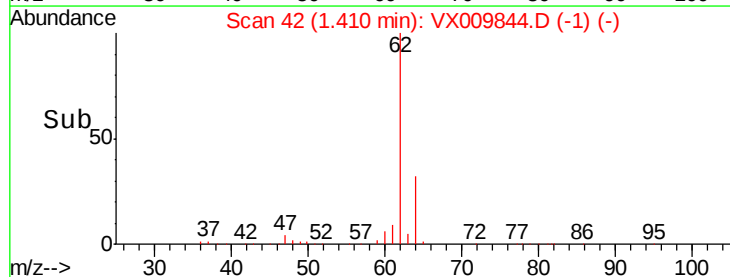


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 48.796 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

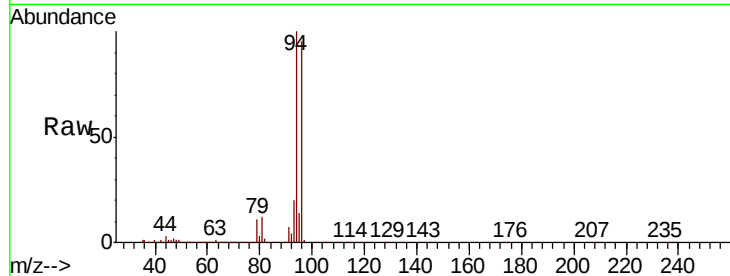
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 94 Resp: 61101

Ion Ratio Lower Upper

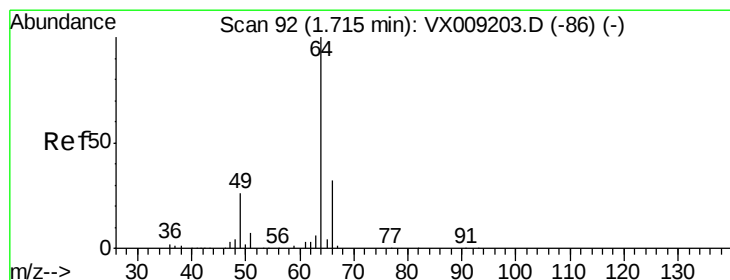
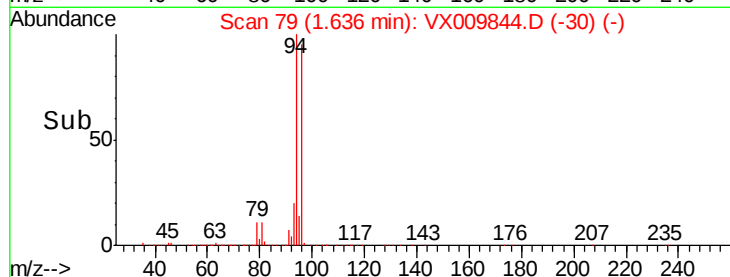
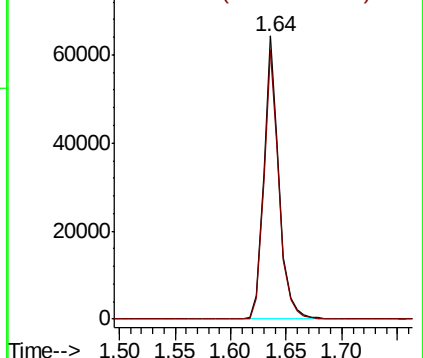
94 100

96 95.2 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.941 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009844.D

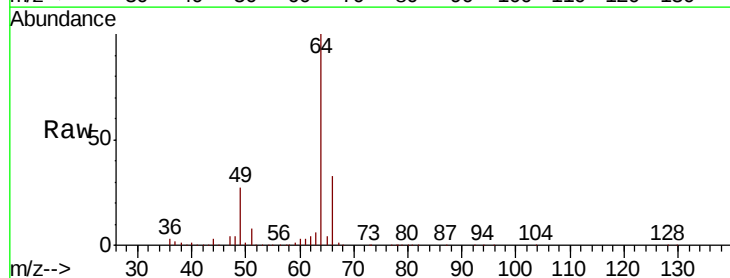
Acq: 23 May 2019 07:54

Tgt Ion: 64 Resp: 61535

Ion Ratio Lower Upper

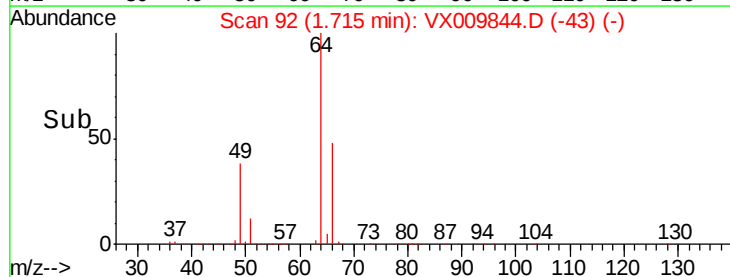
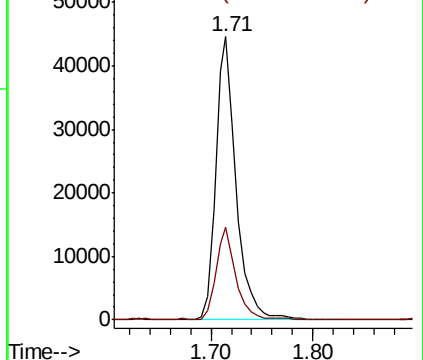
64 100

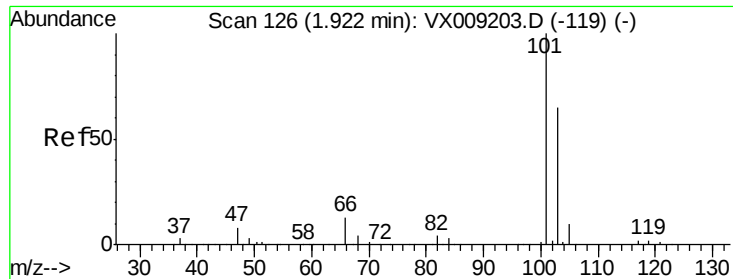
66 32.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



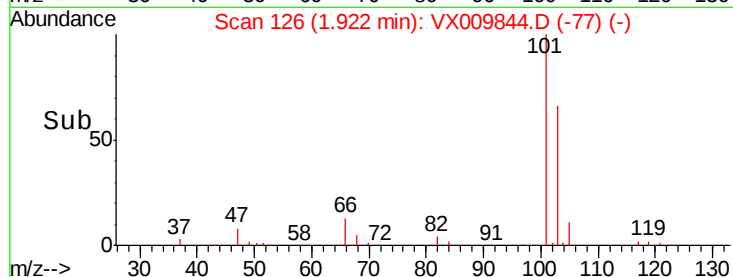
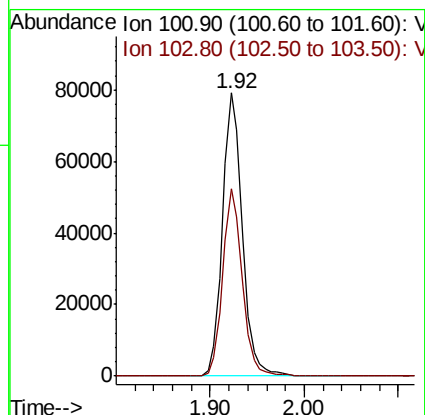
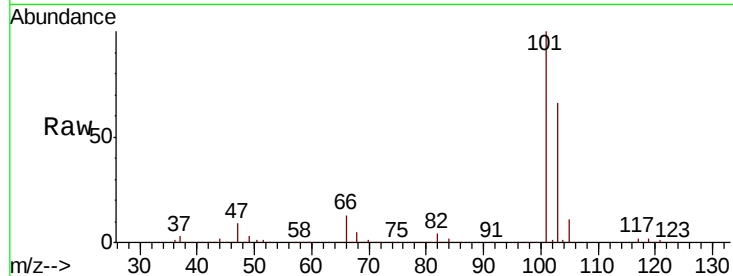


#7

Trichlorofluoromethane
 Concen: 45.503 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MSD

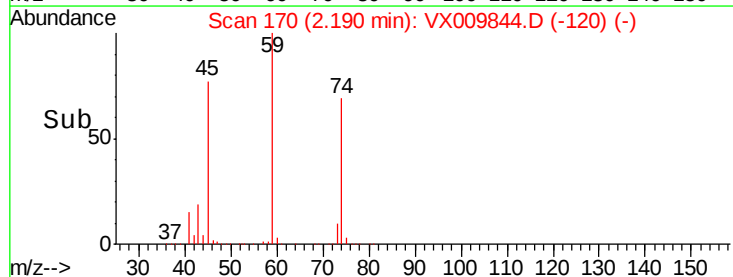
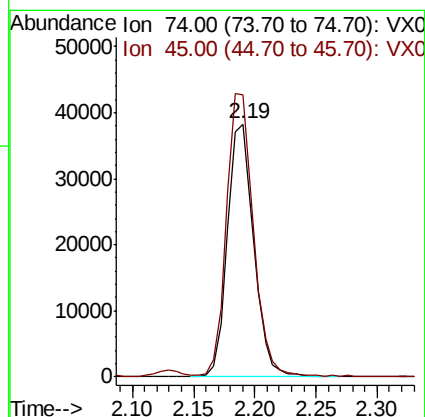
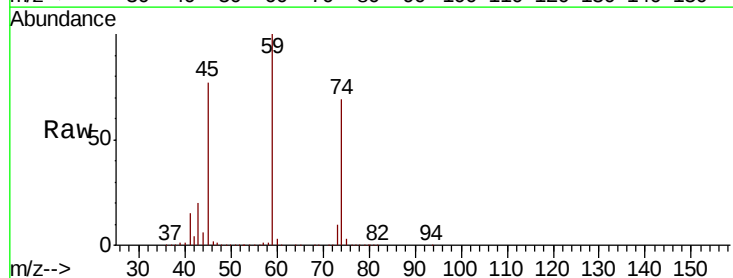
Tot Ion:101 Resp: 115390
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.4 78.6

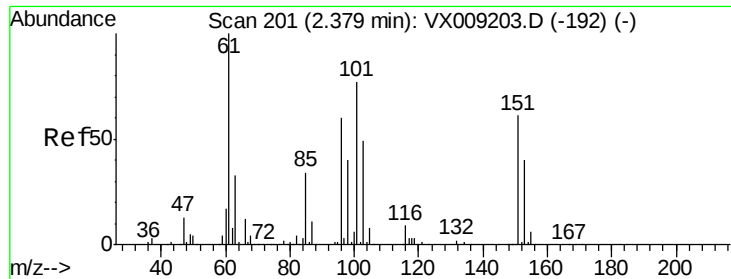


#8

Diethyl Ether
 Concen: 47.471 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Tgt Ion: 74 Resp: 57022
 Ion Ratio Lower Upper
 74 100
 45 114.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.253 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

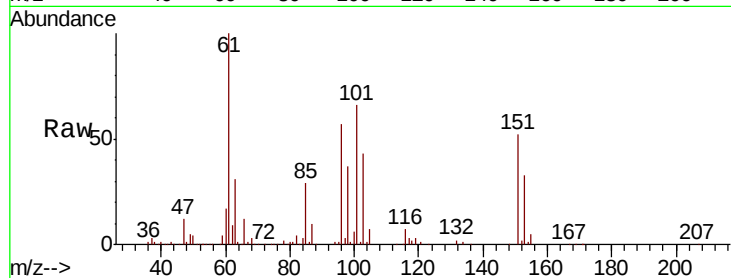
Tot Ion:101 Resp: 67286

Ion Ratio Lower Upper

101 100

85 44.0 35.7 53.5

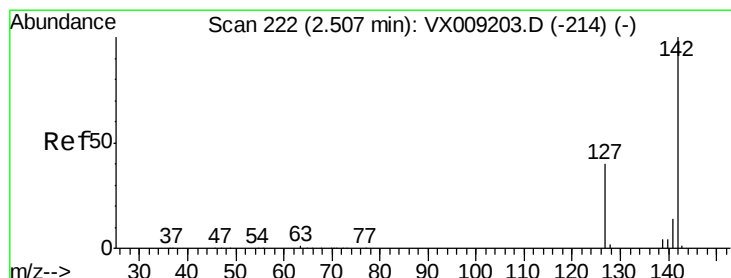
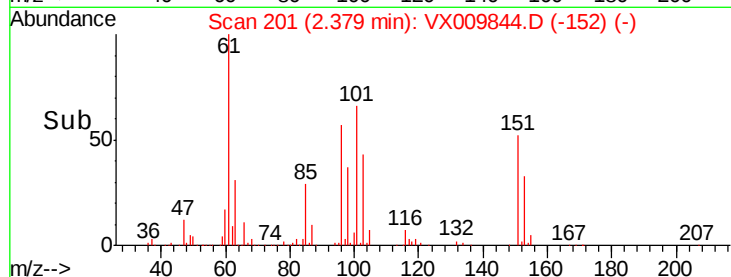
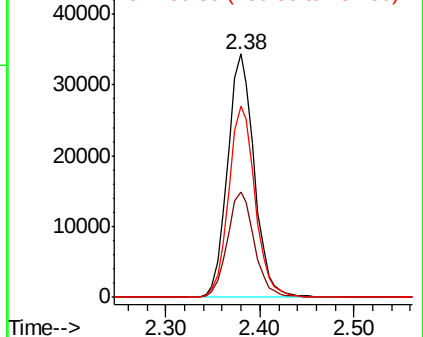
151 78.0 62.2 93.2



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: 43.739 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

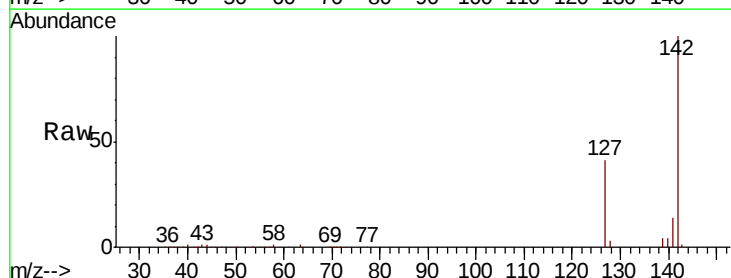
Tgt Ion:142 Resp: 79757

Ion Ratio Lower Upper

142 100

127 41.7 32.7 49.1

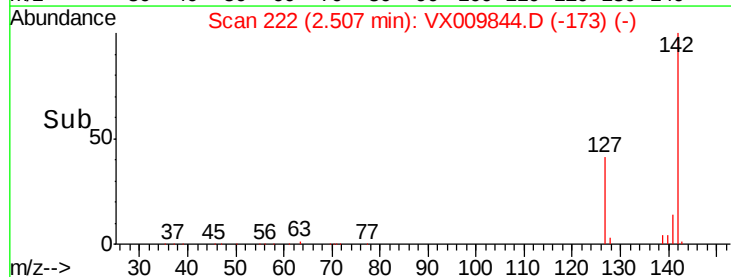
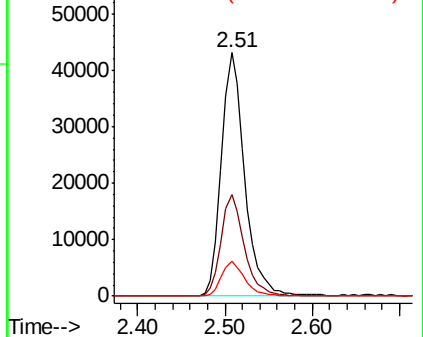
141 14.2 11.5 17.3

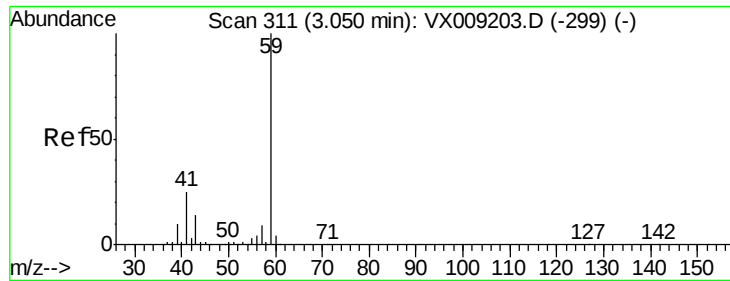


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

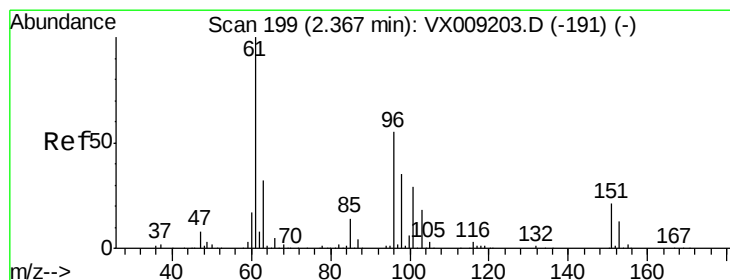
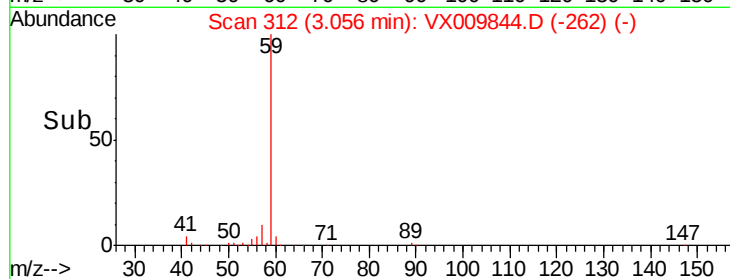
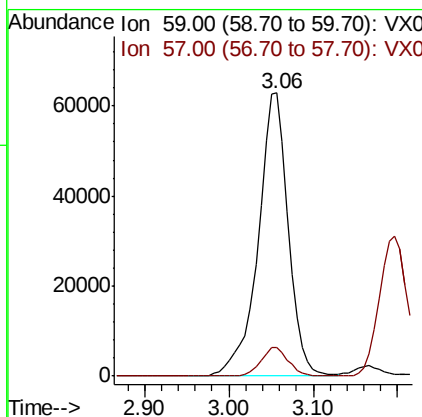
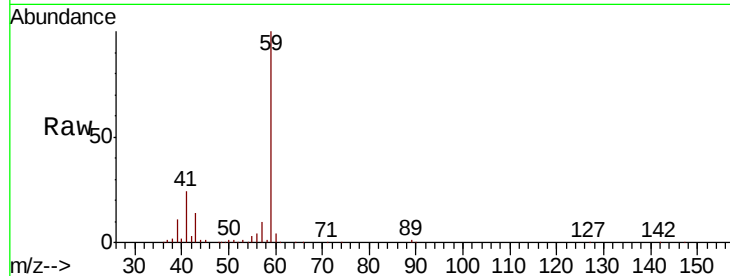




#11
Tert butyl alcohol
Concen: 287.972 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

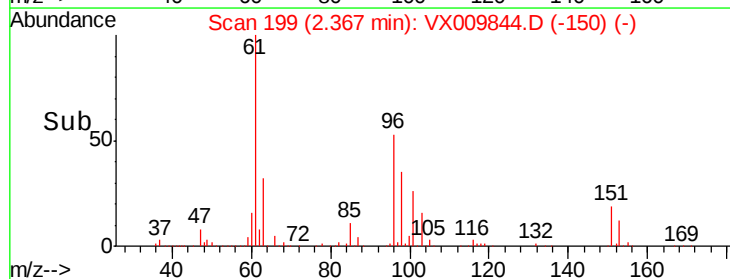
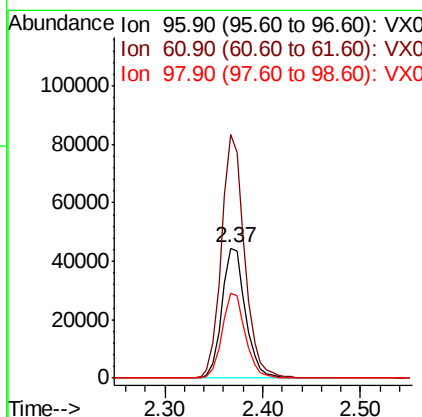
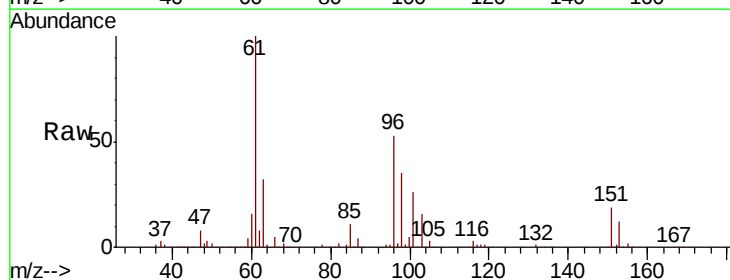
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

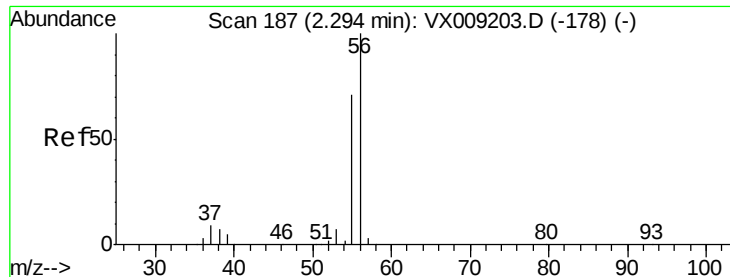
Tot Ion: 59 Resp: 154741
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.565 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion: 96 Resp: 74297
Ion Ratio Lower Upper
96 100
61 186.9 144.3 216.5
98 65.0 50.3 75.5





#13

Acrolein

Concen: 180.173 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

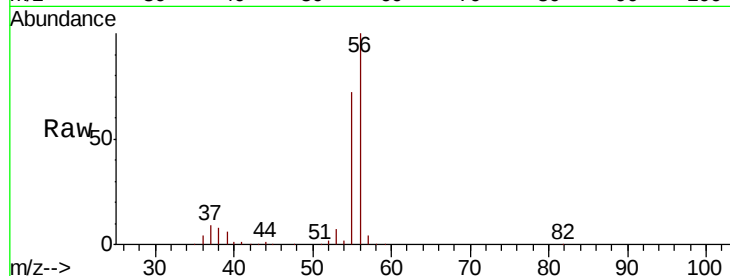
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 56 Resp: 87679

Ion Ratio Lower Upper

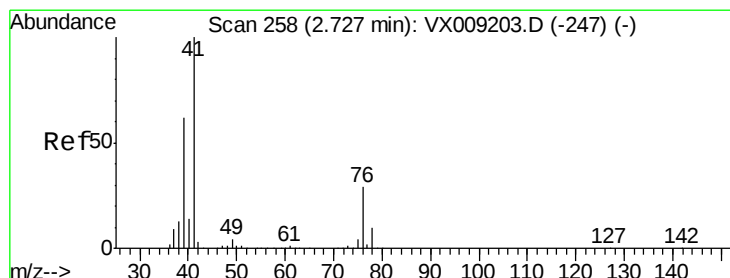
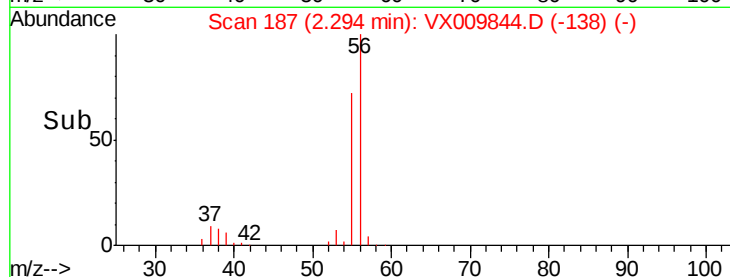
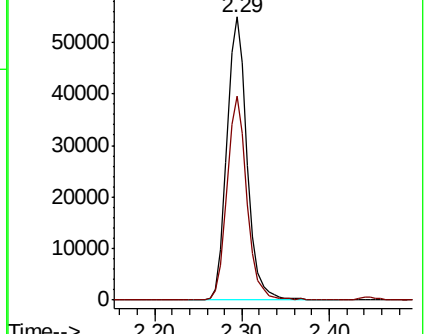
56 100

55 71.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.567 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

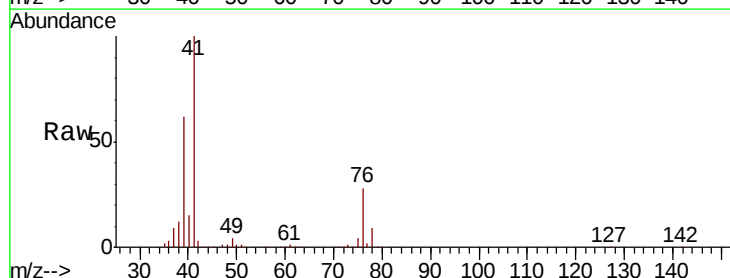
Tgt Ion: 41 Resp: 181071

Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

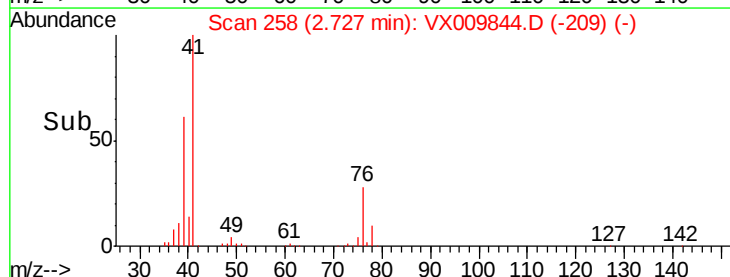
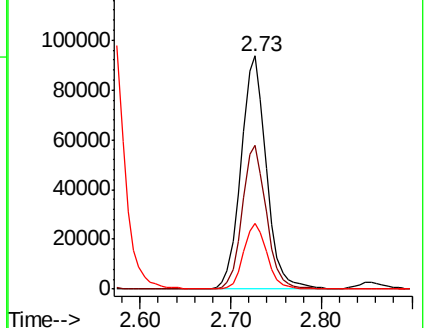
76 26.0 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 246.939 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

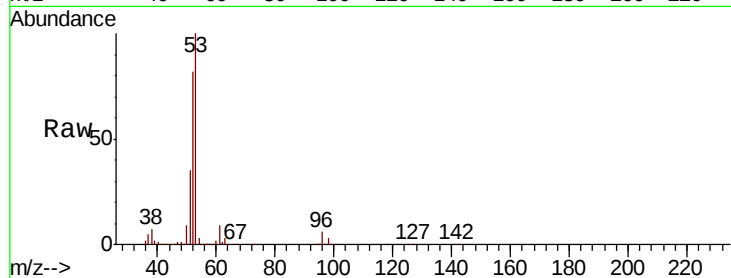
Tot Ion: 53 Resp: 324442

Ion Ratio Lower Upper

53 100

52 83.4 66.9 100.3

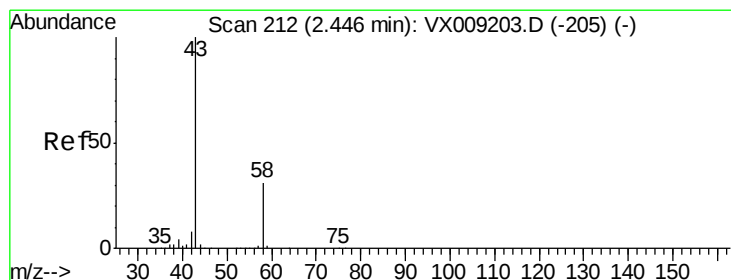
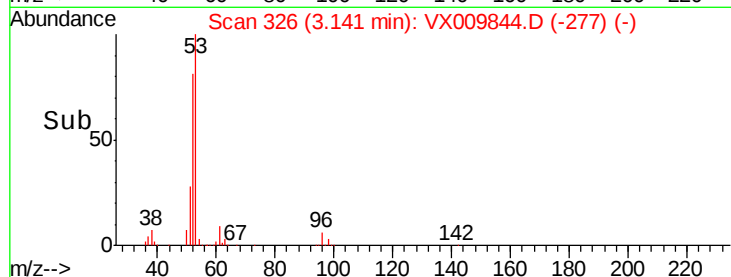
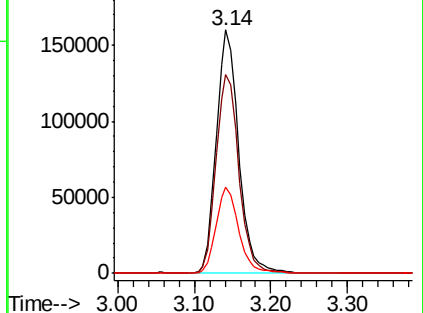
51 35.9 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 231.945 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009844.D

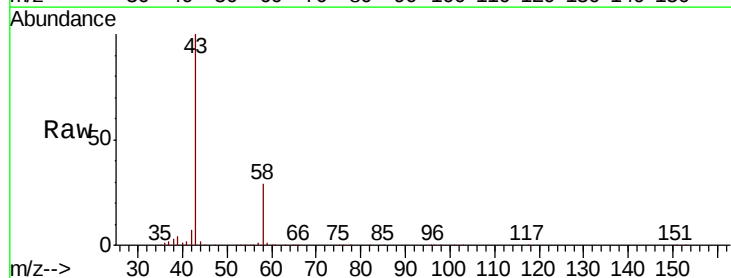
Acq: 23 May 2019 07:54

Tgt Ion: 43 Resp: 289119

Ion Ratio Lower Upper

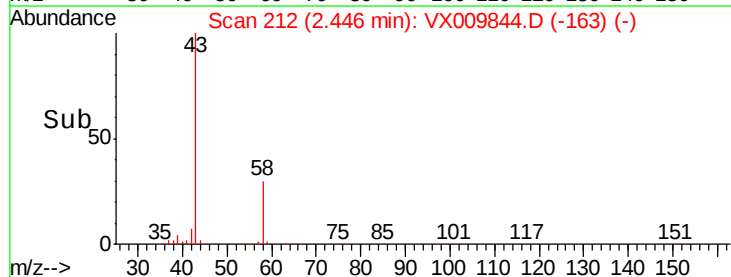
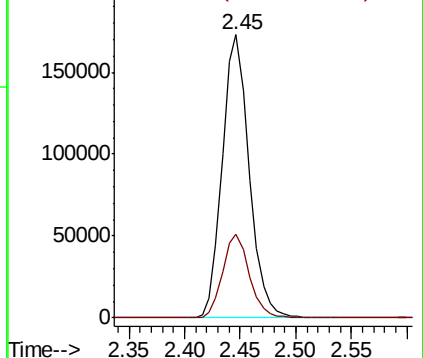
43 100

58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

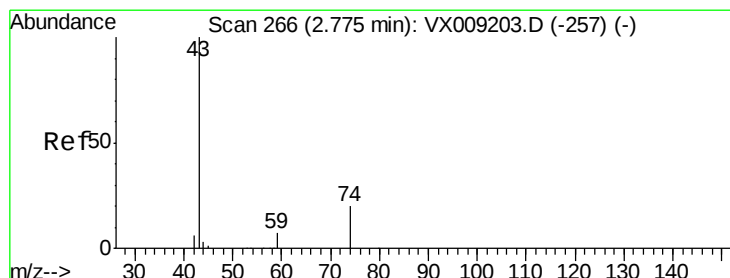
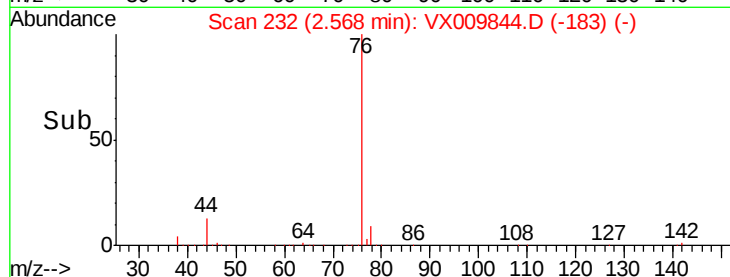
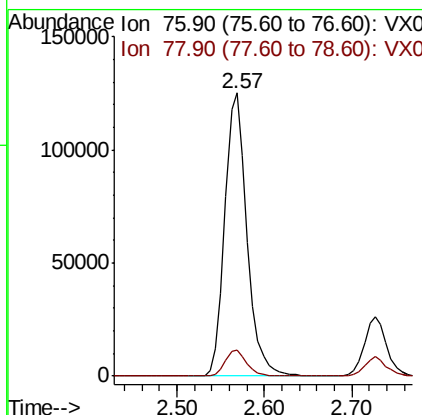
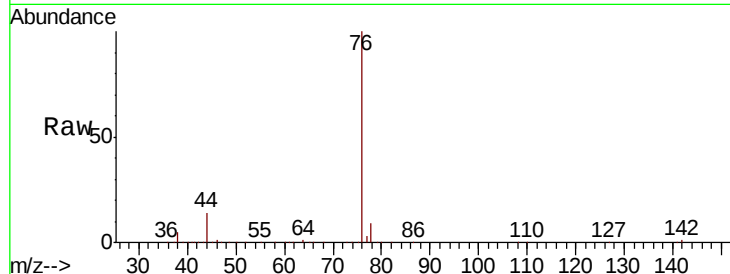




#17
Carbon Disulfide
Concen: 49.060 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

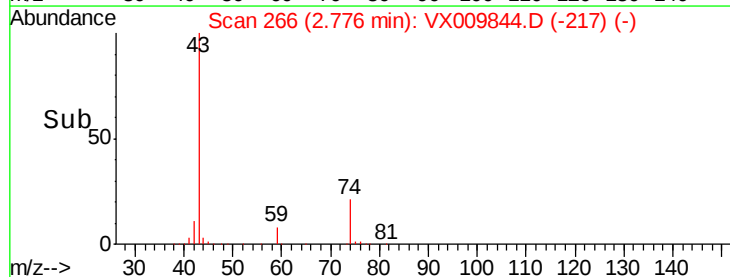
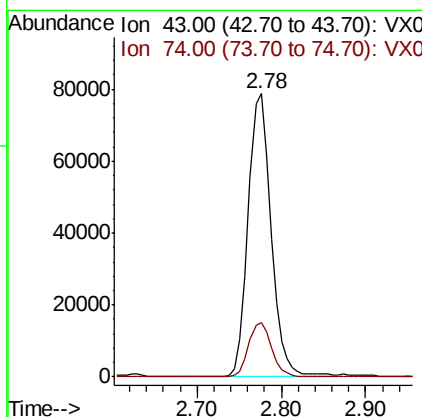
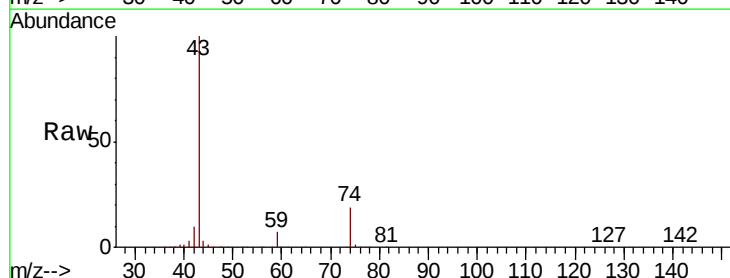
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

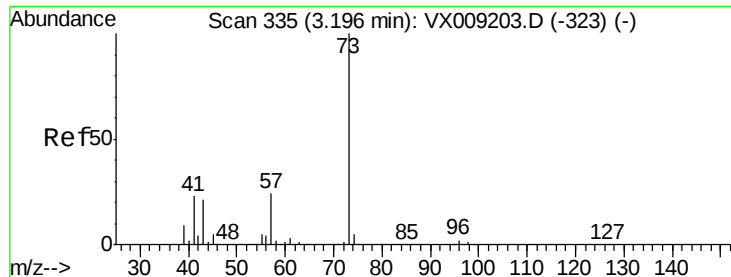
Tot Ion: 76 Resp: 219772
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 48.724 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion: 43 Resp: 144440
Ion Ratio Lower Upper
43 100
74 19.8 16.2 24.4

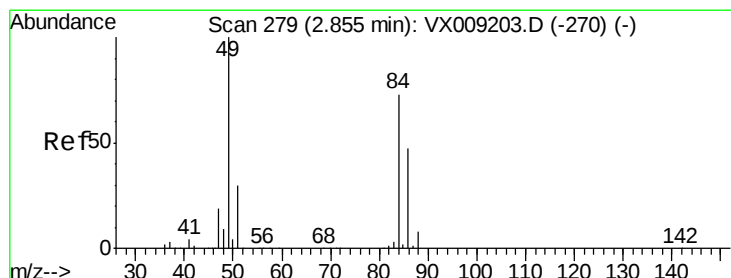
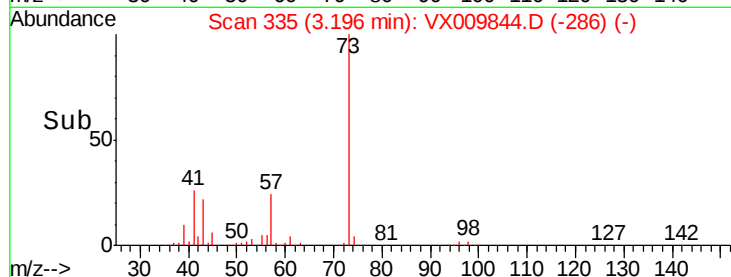
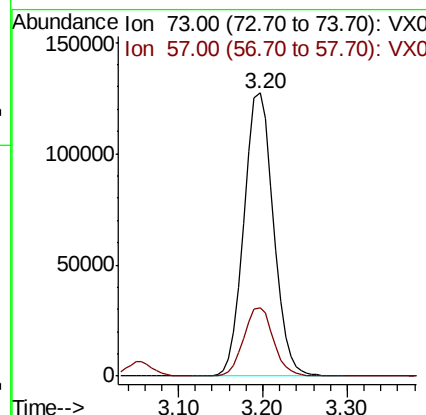
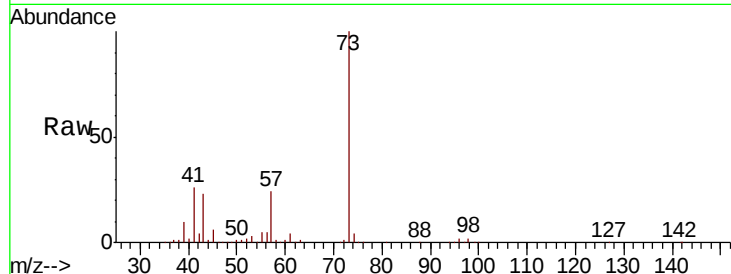




#19
Methyl tert-butyl Ether
Concen: 48.515 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

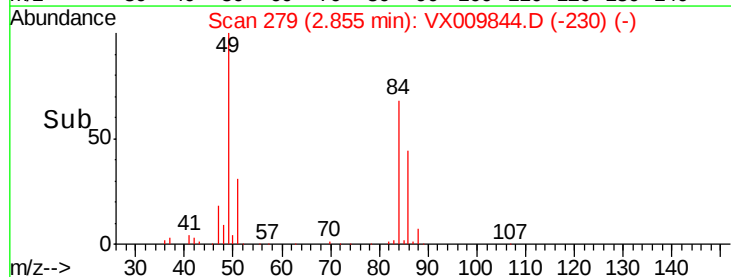
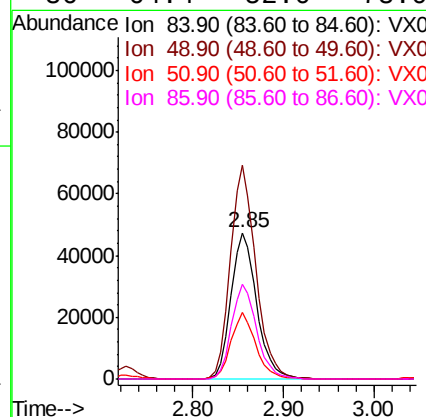
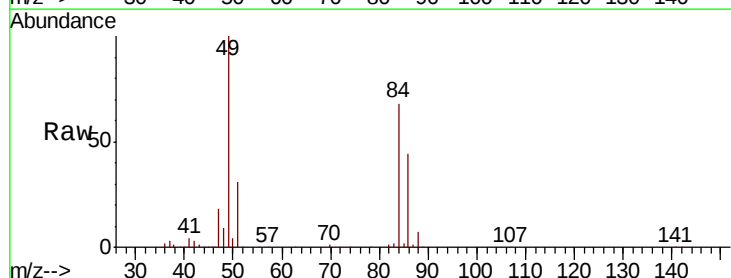
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 73 Resp: 300596
Ion Ratio Lower Upper
73 100
57 24.3 19.3 28.9



#20
Methylene Chloride
Concen: 46.162 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion: 84 Resp: 93166
Ion Ratio Lower Upper
84 100
49 146.0 109.9 164.9
51 45.4 32.7 49.1
86 64.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 47.860 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

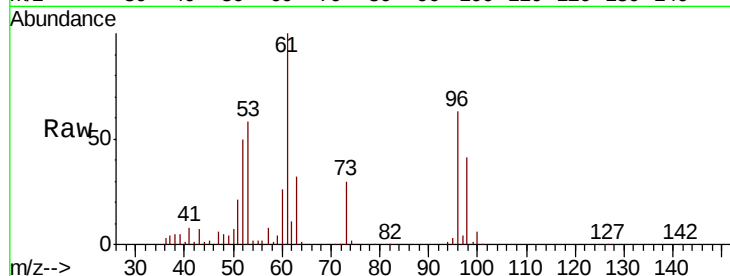
Tot Ion: 96 Resp: 82817

Ion Ratio Lower Upper

96 100

61 157.8 124.5 186.7

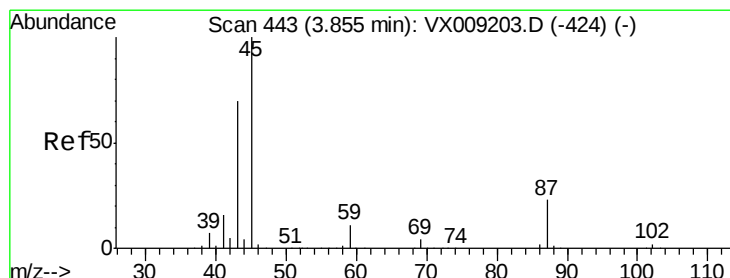
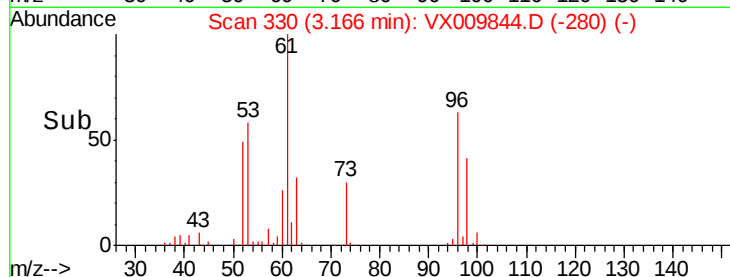
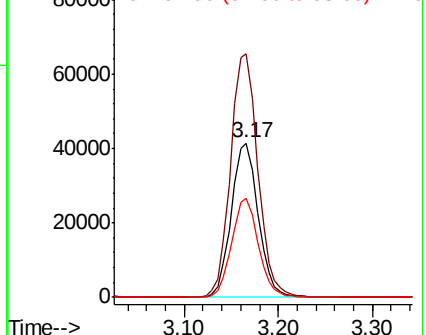
98 64.1 50.4 75.6



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: 49.129 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Tgt Ion: 45 Resp: 367377

Ion Ratio Lower Upper

45 100

43 72.1 56.1 84.1

87 21.3 18.1 27.1

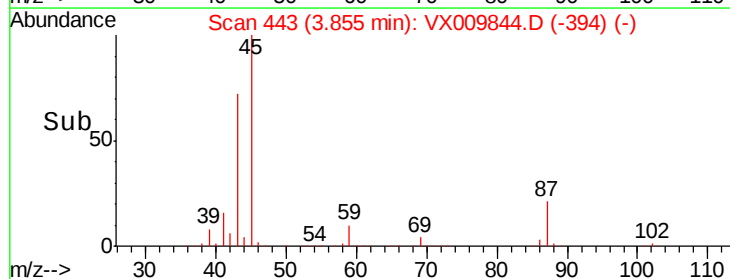
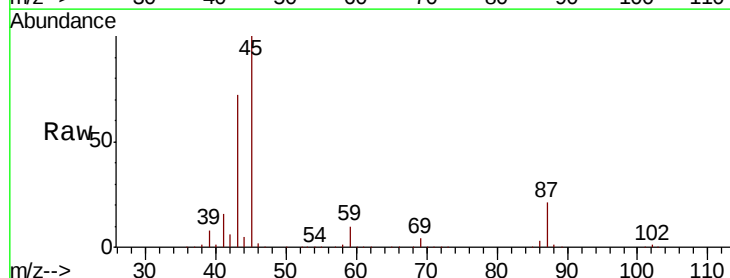
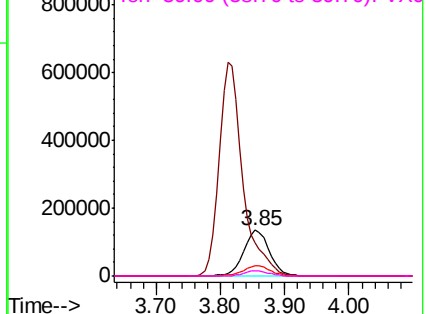
59 9.9 8.5 12.7

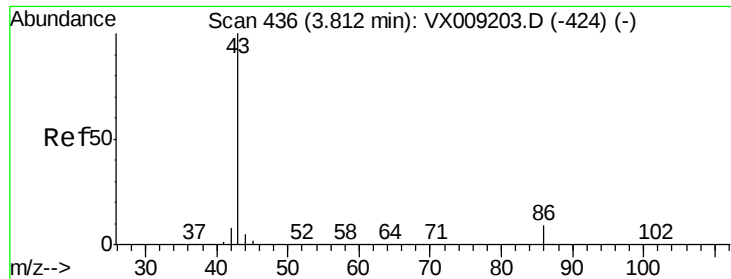
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 255.264 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

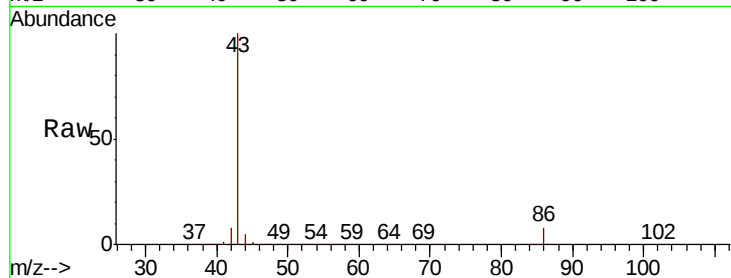
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 43 Resp: 1634555

Ion Ratio Lower Upper

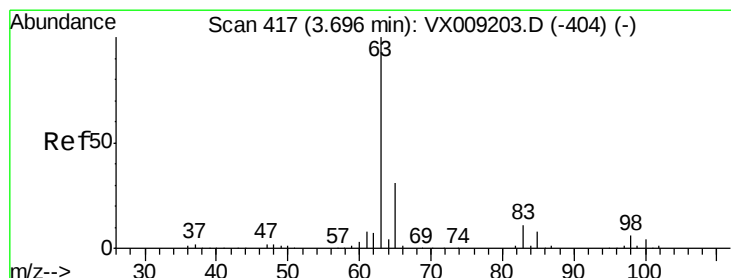
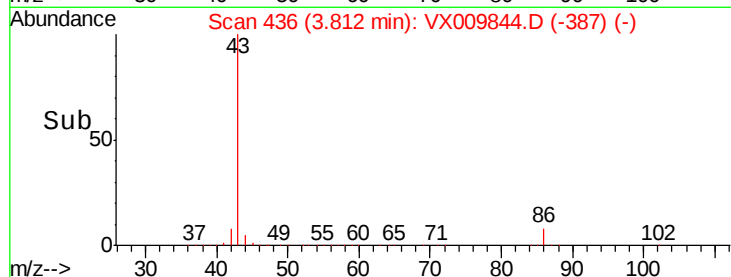
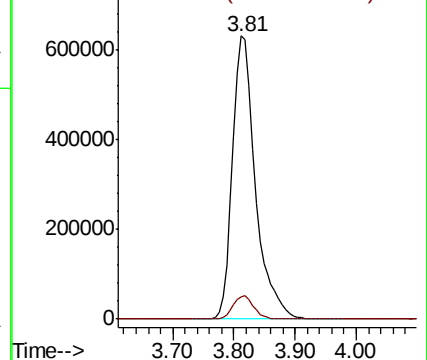
43 100

86 8.0 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.509 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

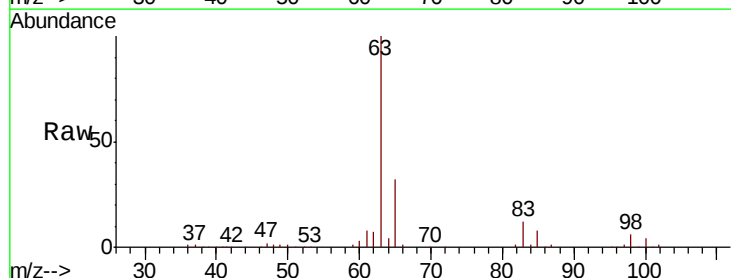
Tgt Ion: 63 Resp: 175258

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

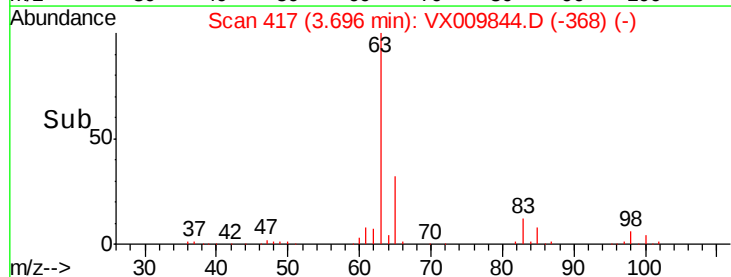
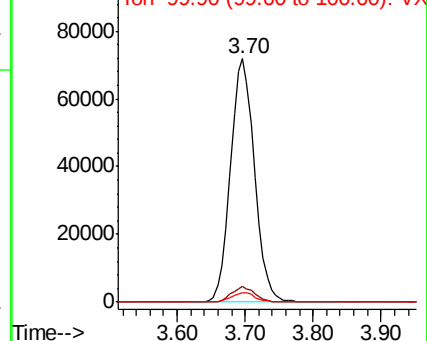
100 3.6 2.0 6.0

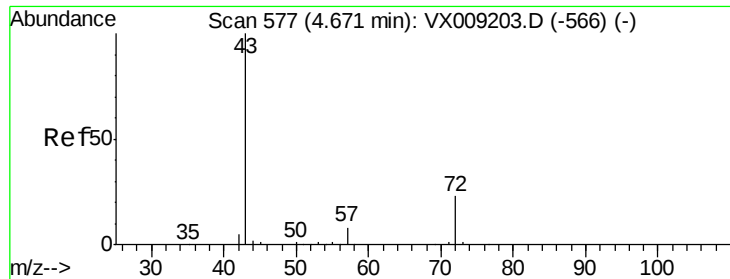


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 253.503 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

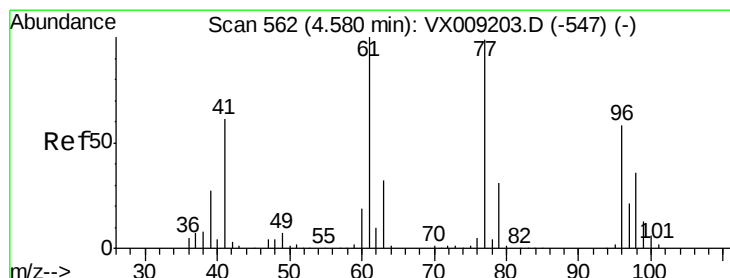
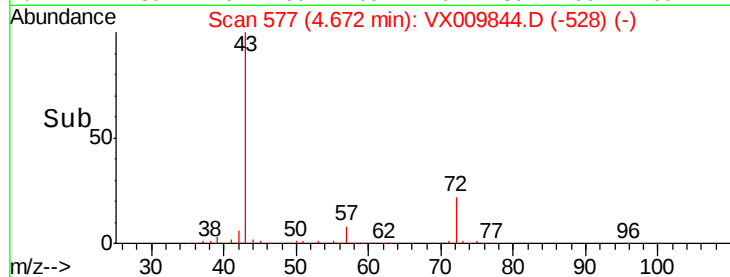
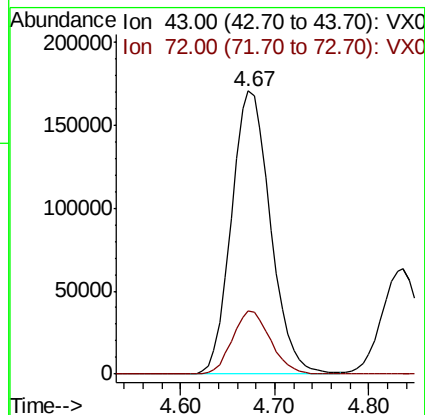
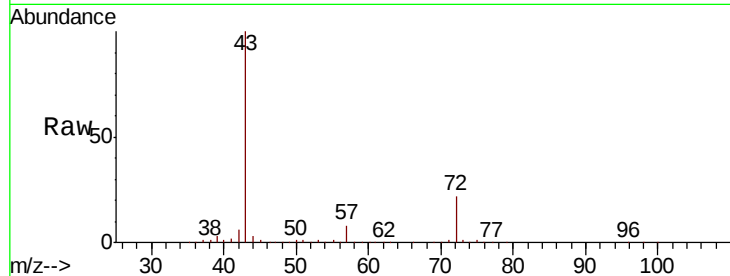
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 43 Resp: 491041

Ion Ratio Lower Upper

43 100

72 22.2 18.2 27.2



#26

2,2-Dichloropropane

Concen: 27.919 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009844.D

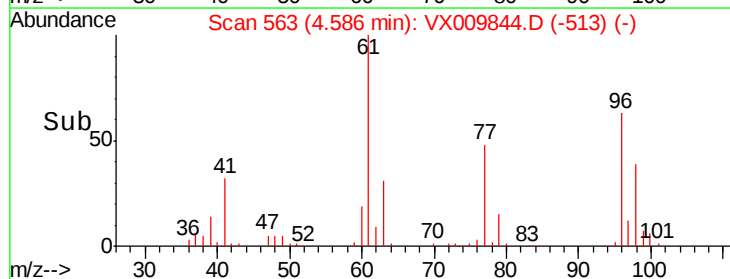
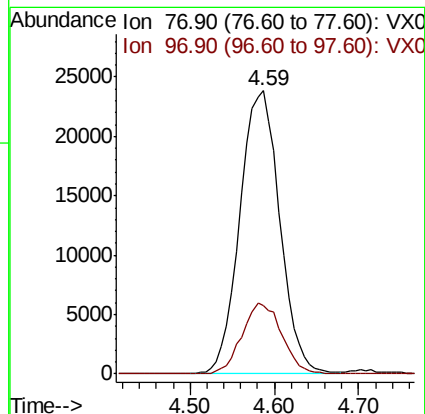
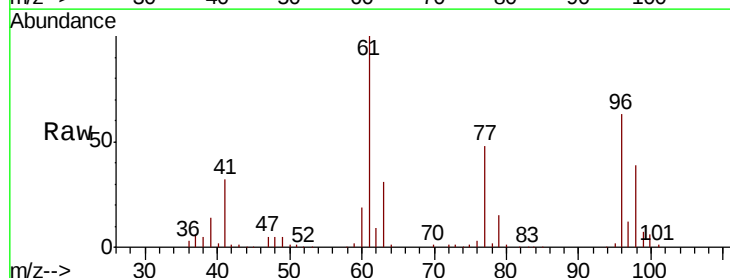
Acq: 23 May 2019 07:54

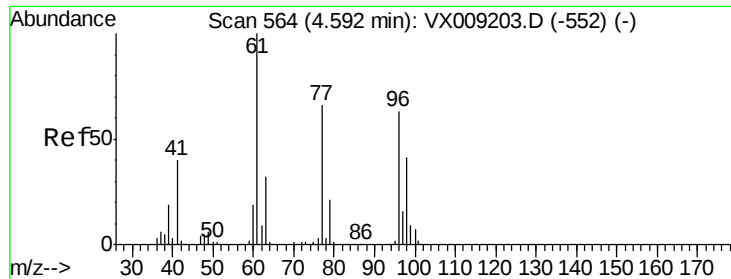
Tgt Ion: 77 Resp: 76660

Ion Ratio Lower Upper

77 100

97 24.8 11.5 34.4



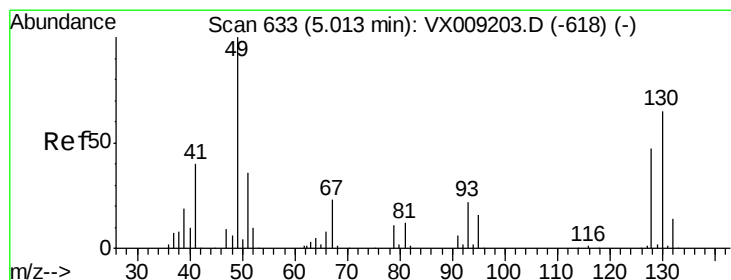
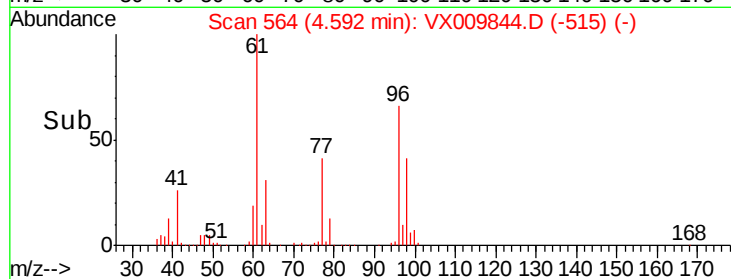
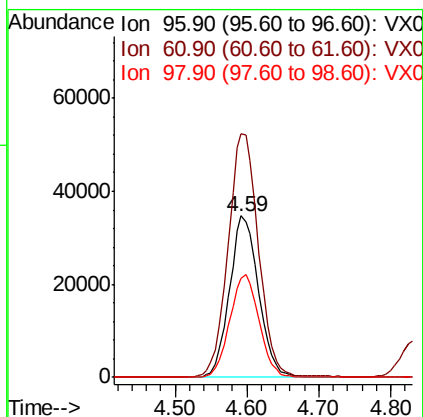
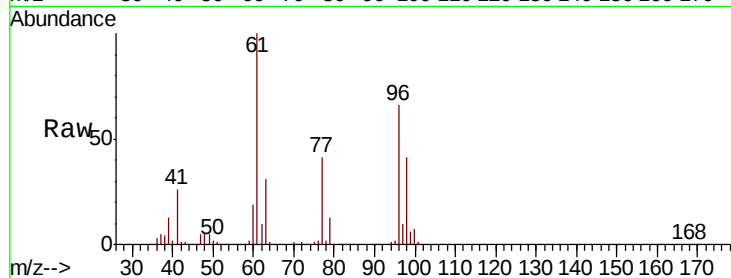


#27

cis-1,2-Dichloroethene
 Concen: 47.099 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MSD

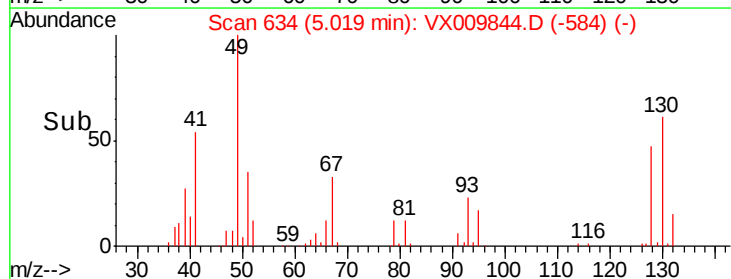
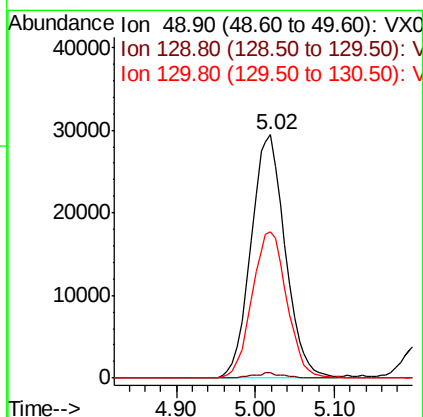
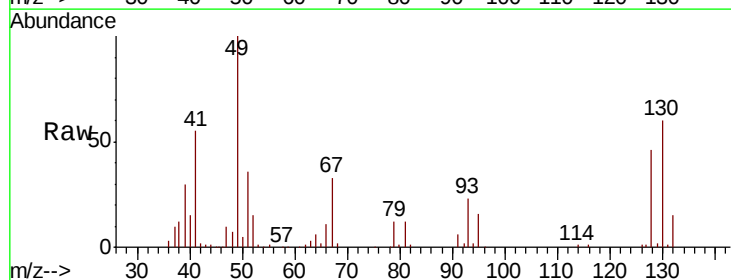
Tot Ion: 96 Resp: 97280
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 324.0
 98 64.3 0.0 130.4

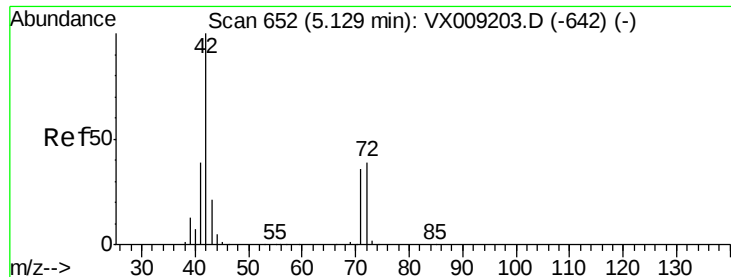


#28

Bromochloromethane
 Concen: 60.241 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Tgt Ion: 49 Resp: 88622
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 61.1 51.2 76.8





#29

Tetrahydrofuran

Concen: 262.903 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

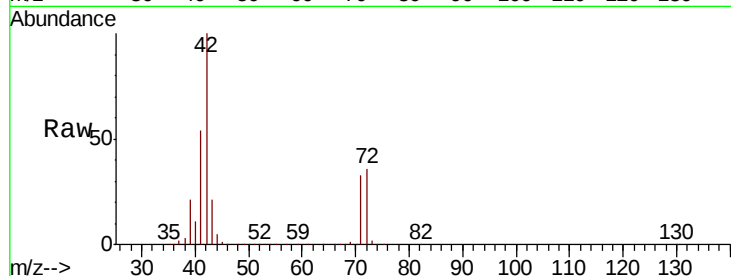
Tot Ion: 42 Resp: 327700

Ion Ratio Lower Upper

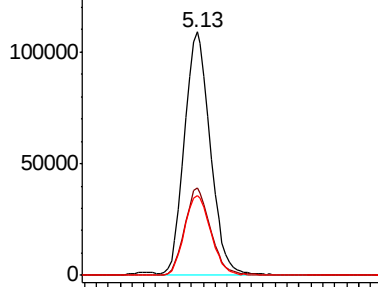
42 100

72 36.0 30.4 45.6

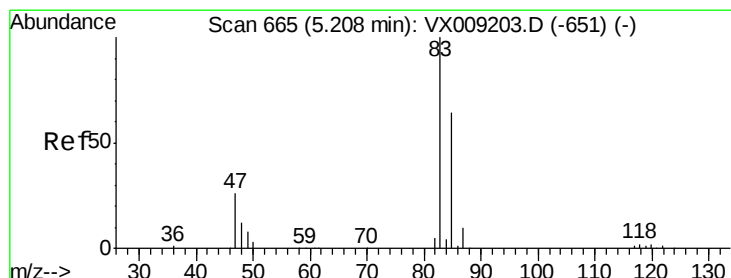
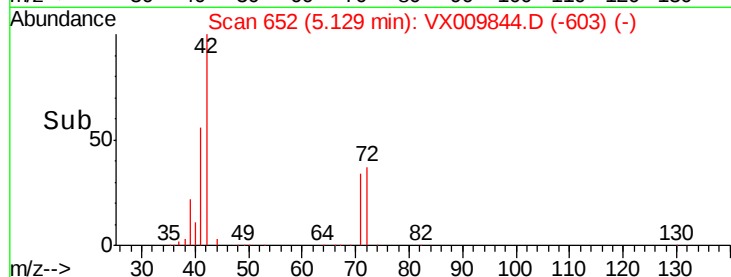
71 33.8 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



Time-->



#30

Chloroform

Concen: 48.175 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009844.D

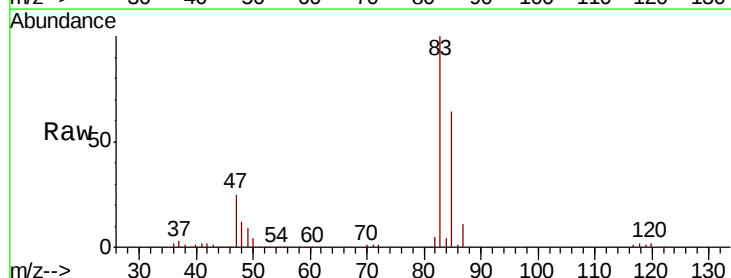
Acq: 23 May 2019 07:54

Tgt Ion: 83 Resp: 160732

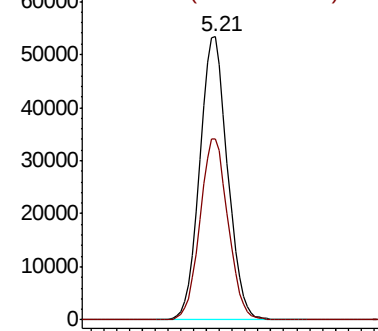
Ion Ratio Lower Upper

83 100

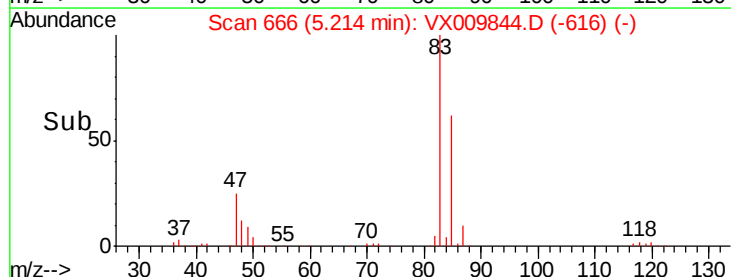
85 64.0 51.5 77.3

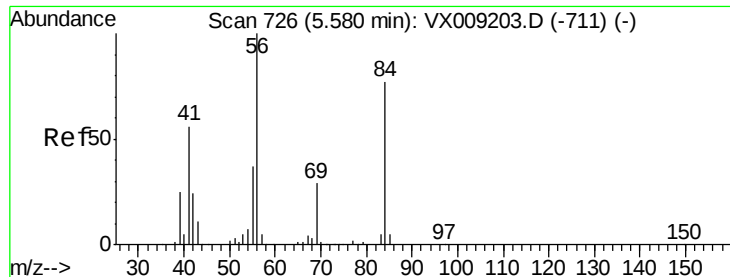


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0



Time-->





#31

Cyclohexane

Concen: 46.718 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

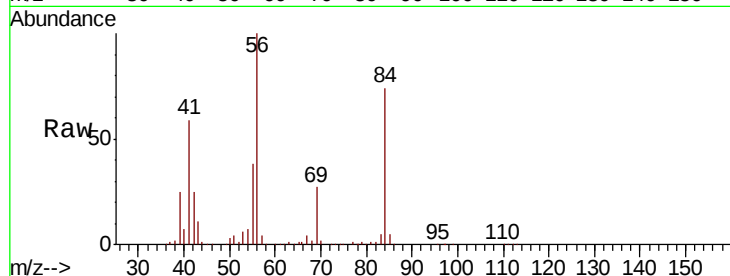
Tot Ion: 56 Resp: 160337

Ion Ratio Lower Upper

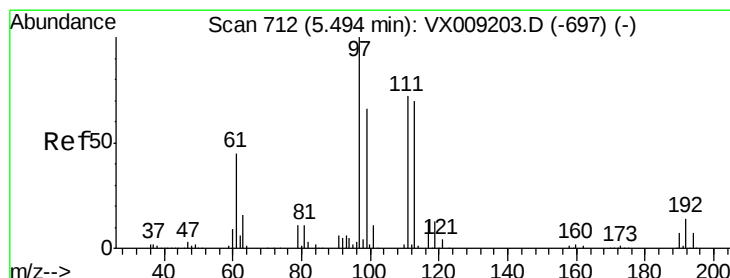
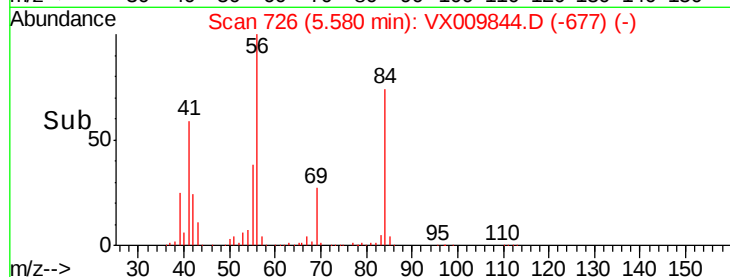
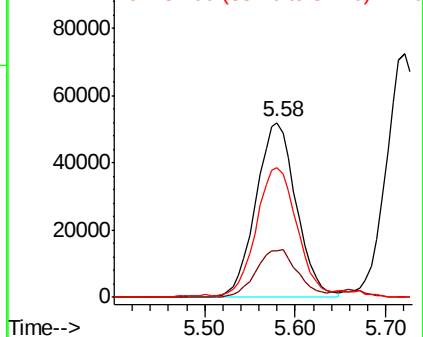
56 100

69 26.6 23.4 35.0

84 73.0 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.987 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

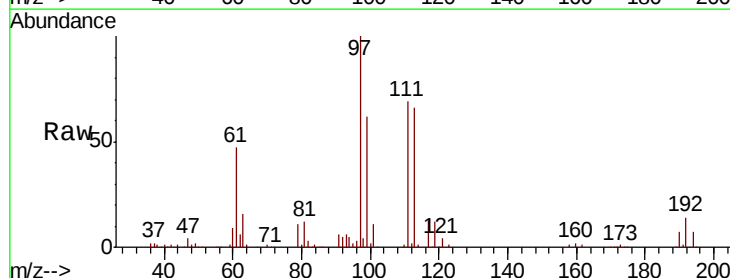
Tgt Ion: 97 Resp: 130501

Ion Ratio Lower Upper

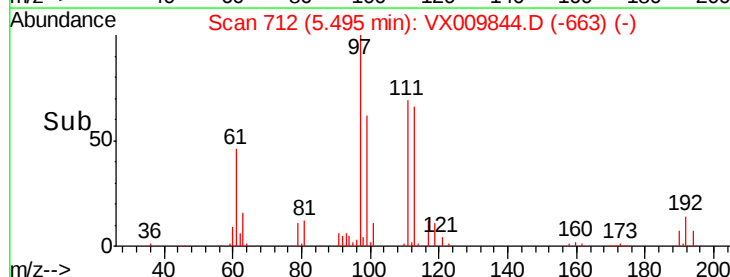
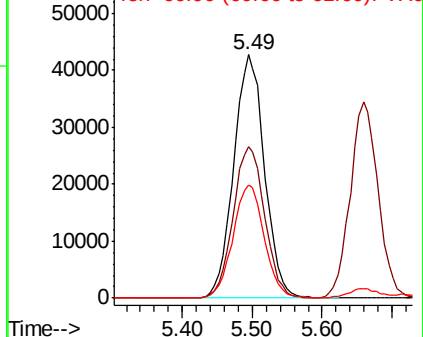
97 100

99 63.8 51.8 77.8

61 47.3 37.8 56.8



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

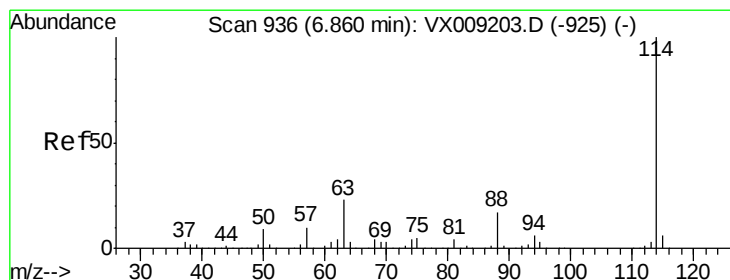
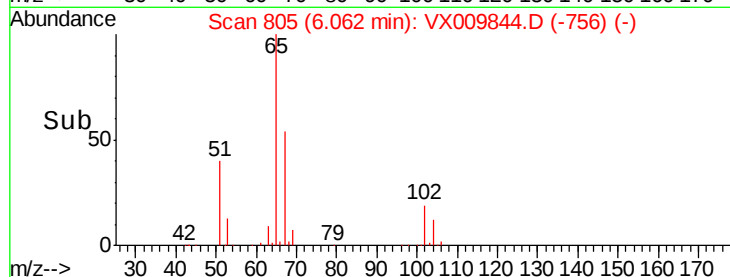
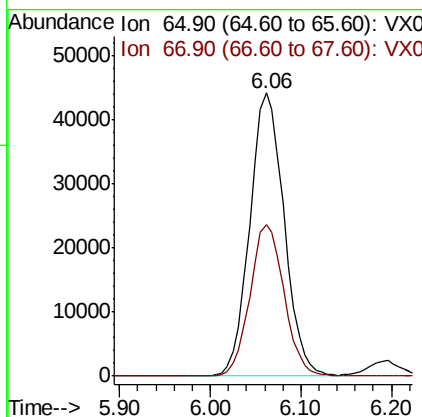
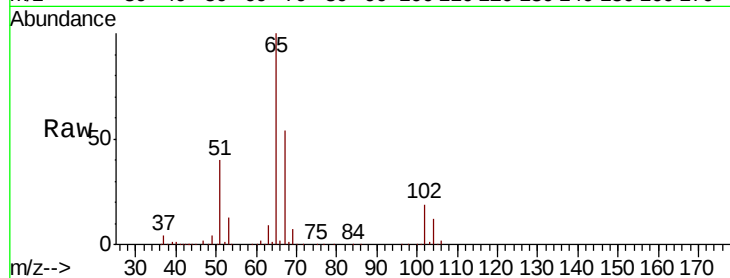




#33
 1,2-Dichloroethane-d4
 Concen: 49.854 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

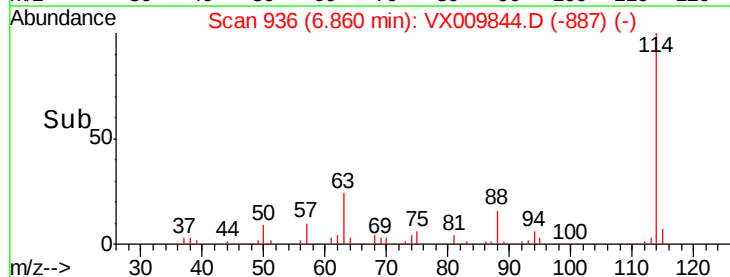
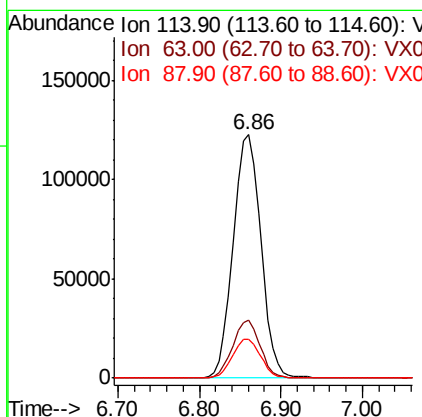
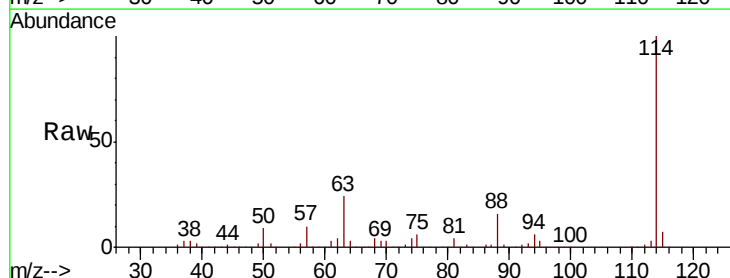
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MSD

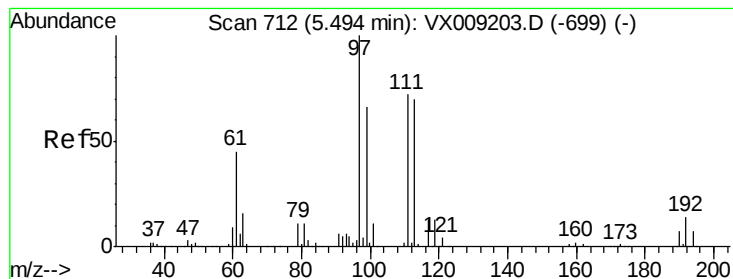
Tot Ion: 65 Resp: 115730
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Tgt Ion: 114 Resp: 288828
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.6
 88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.255 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

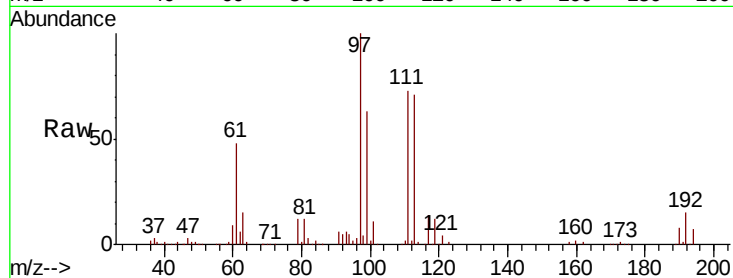
Tot Ion:113 Resp: 82169

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 21.4 17.0 25.6

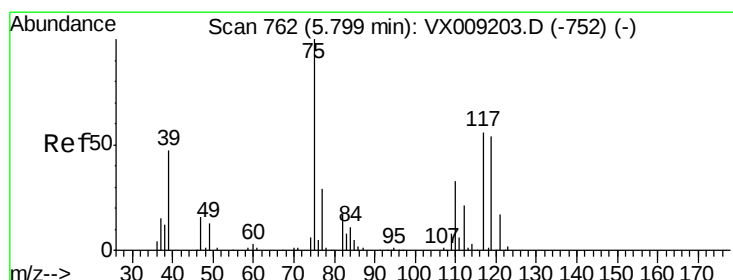
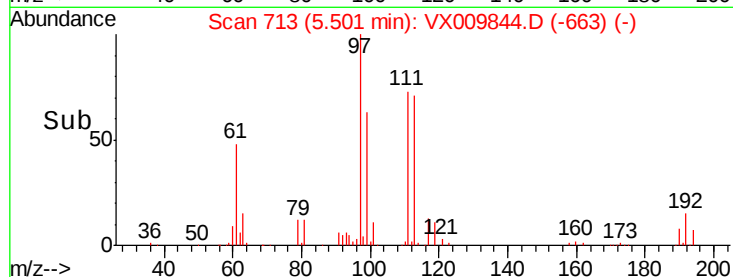
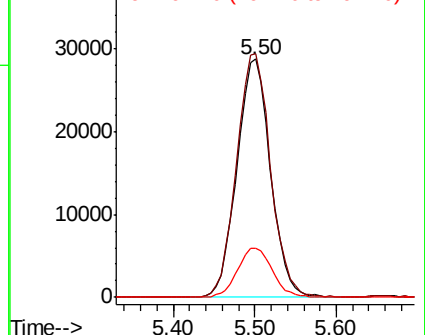


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.624 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

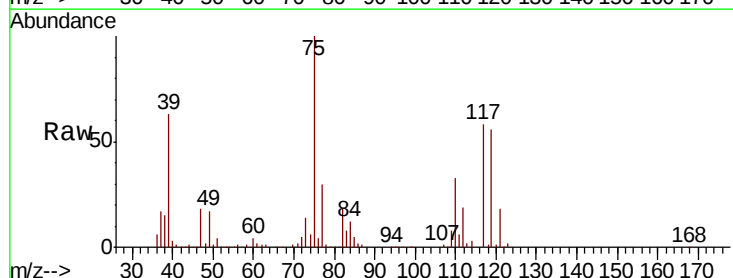
Tgt Ion: 75 Resp: 122461

Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.6

77 31.0 24.8 37.2

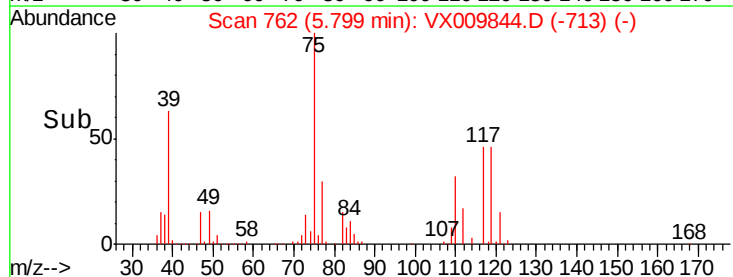
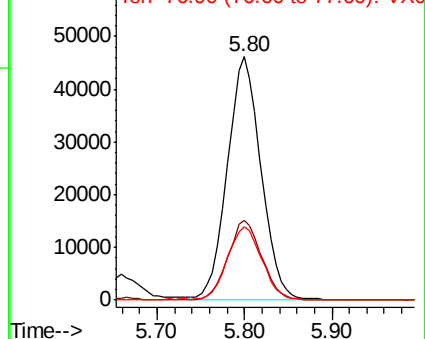


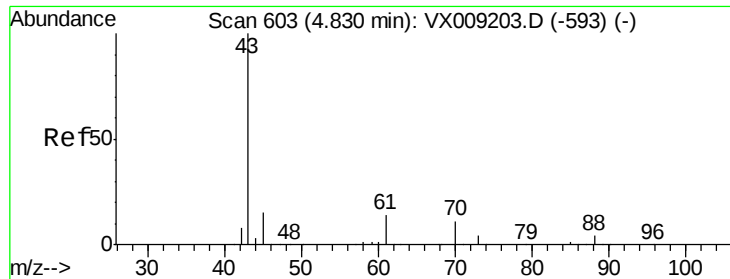
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

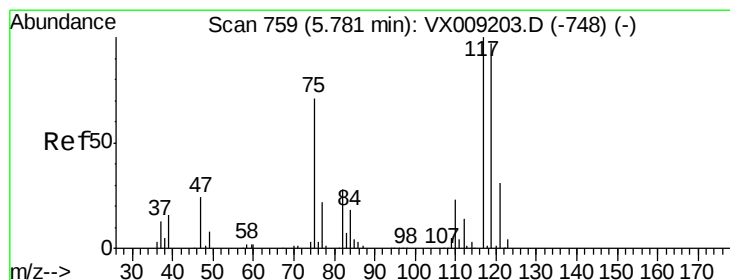
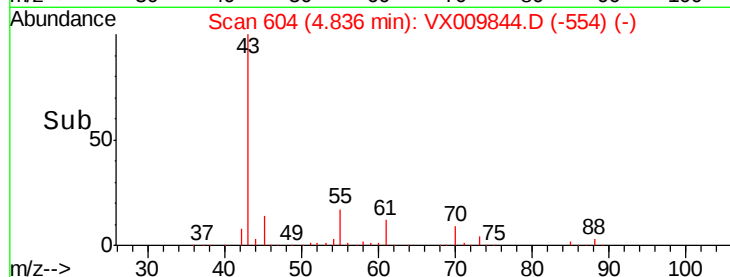
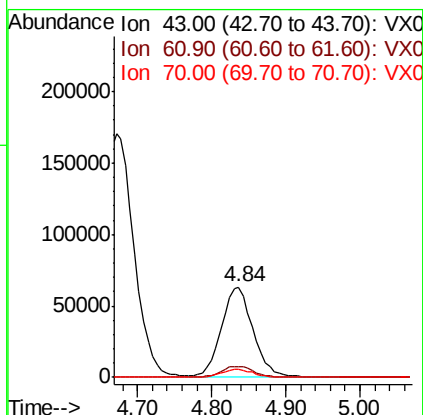
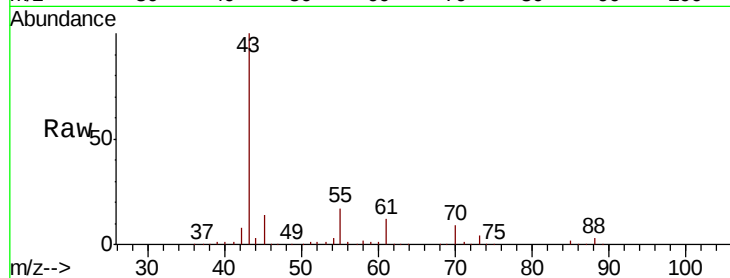




#37
Ethyl Acetate
Concen: 49.532 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

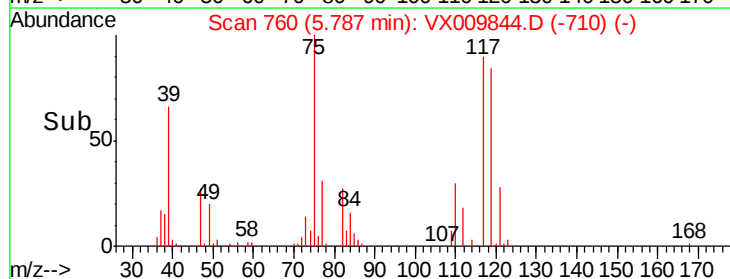
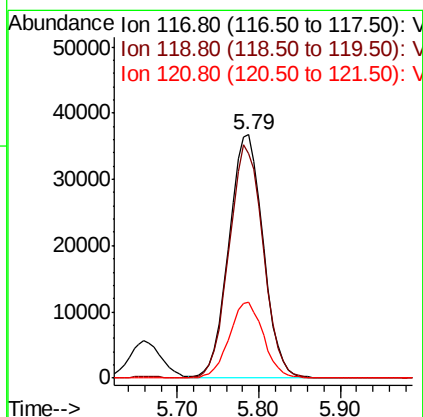
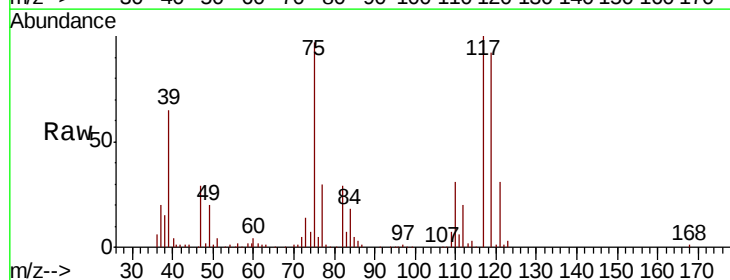
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

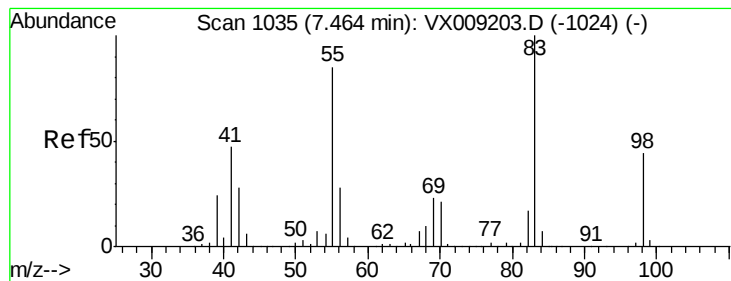
Tot Ion: 43 Resp: 185237
Ion Ratio Lower Upper
43 100
61 12.8 10.5 15.7
70 9.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 43.886 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion: 117 Resp: 107025
Ion Ratio Lower Upper
117 100
119 91.9 77.5 116.3
121 30.9 24.7 37.1





#39

Methvlcvclohexane

Concen: 42.518 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

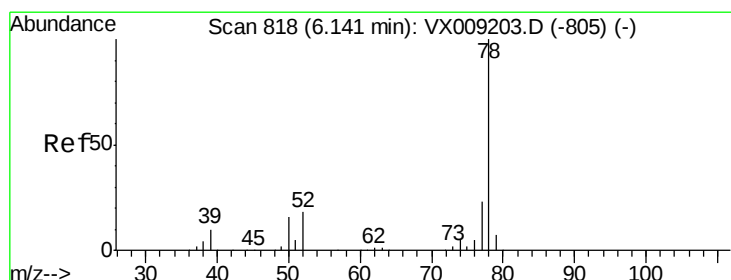
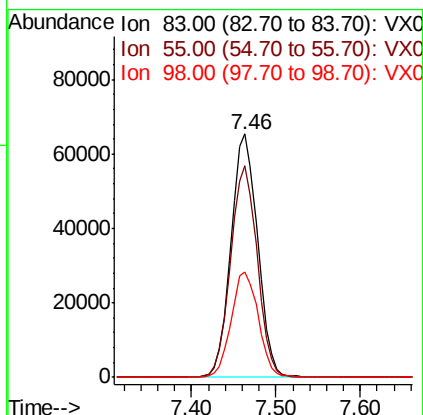
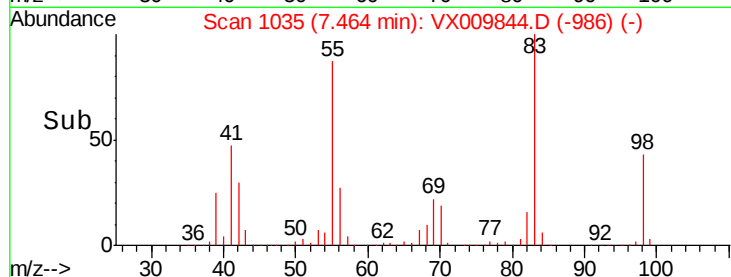
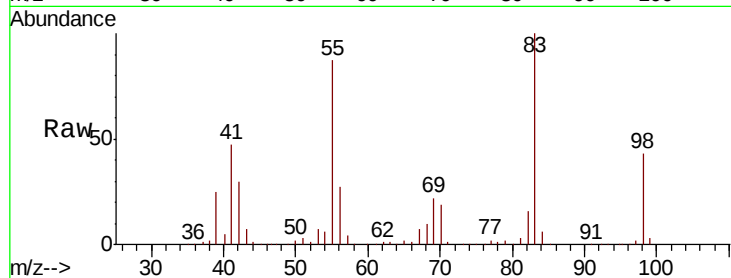
Tot Ion: 83 Resp: 140153

Ion Ratio Lower Upper

83 100

55 86.8 67.7 101.5

98 43.3 35.5 53.3



#40

Benzene

Concen: 45.295 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009844.D

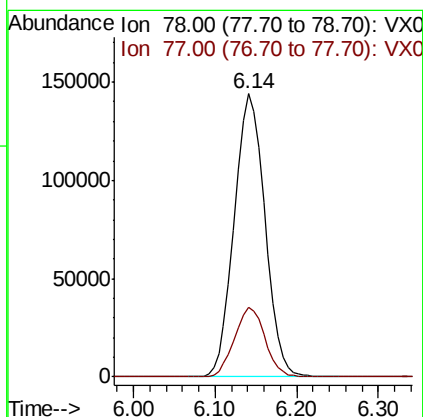
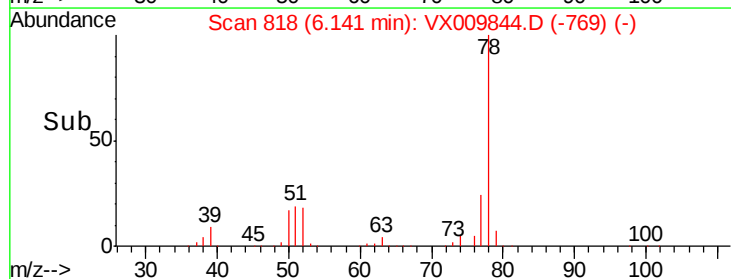
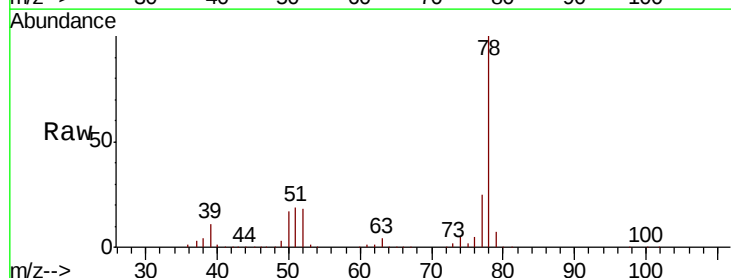
Acq: 23 May 2019 07:54

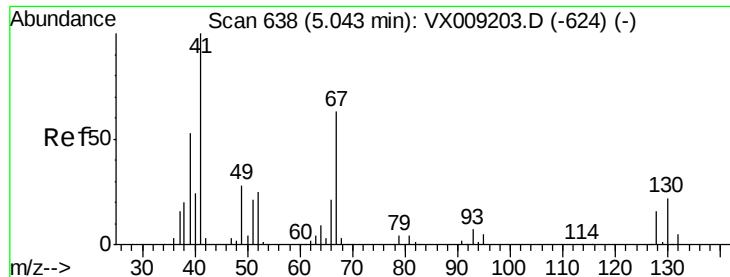
Tgt Ion: 78 Resp: 376258

Ion Ratio Lower Upper

78 100

77 24.7 18.8 28.2





#41

Methacrylonitrile

Concen: 47.505 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

Tot Ion: 41 Resp: 105755

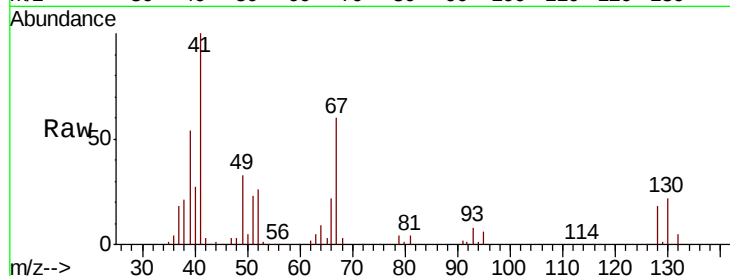
Ion Ratio Lower Upper

41 100

39 53.3 42.0 63.0

67 60.2 49.8 74.8

52 26.4 20.3 30.5

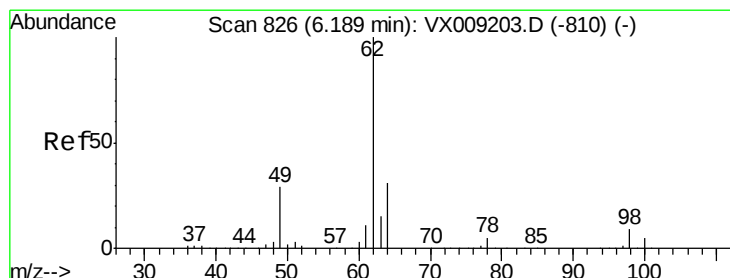
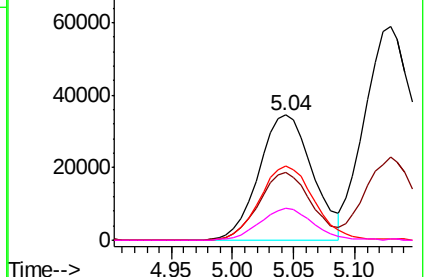
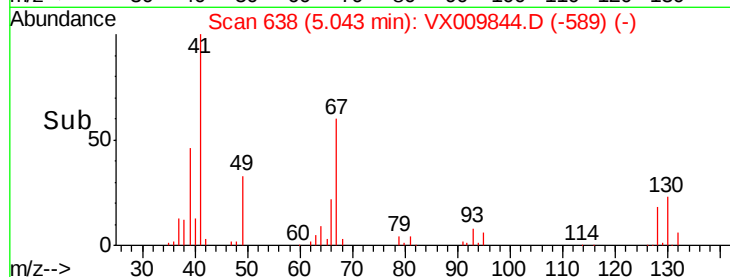


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.786 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX009844.D

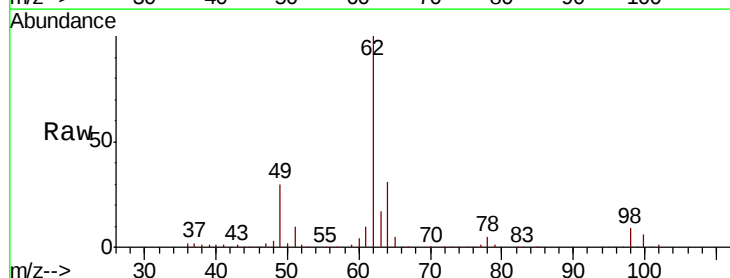
Acq: 23 May 2019 07:54

Tgt Ion: 62 Resp: 139412

Ion Ratio Lower Upper

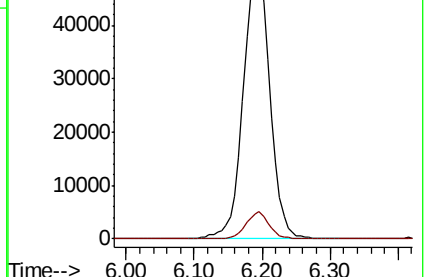
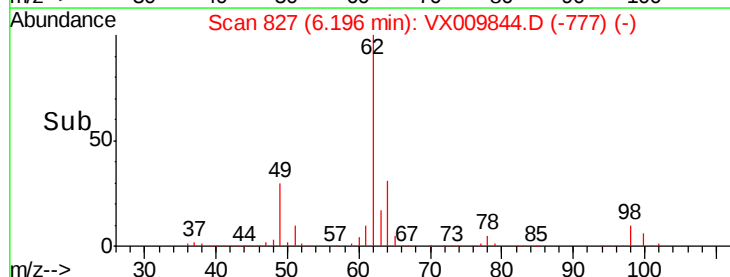
62 100

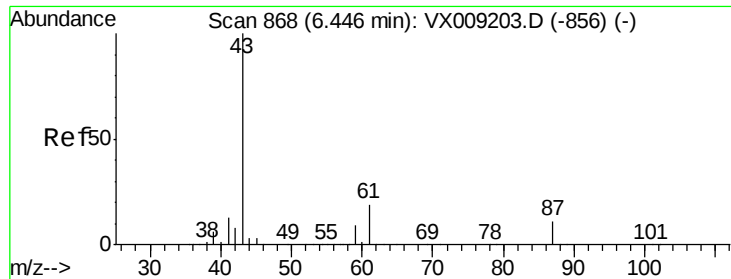
98 8.7 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



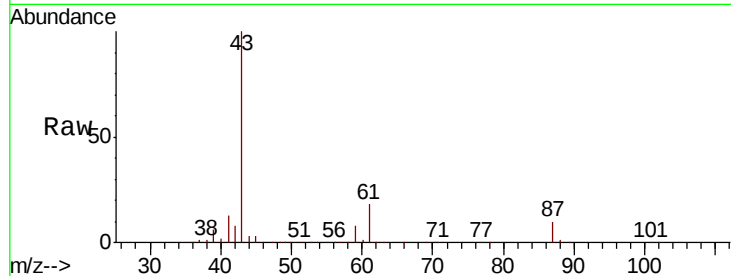


#43

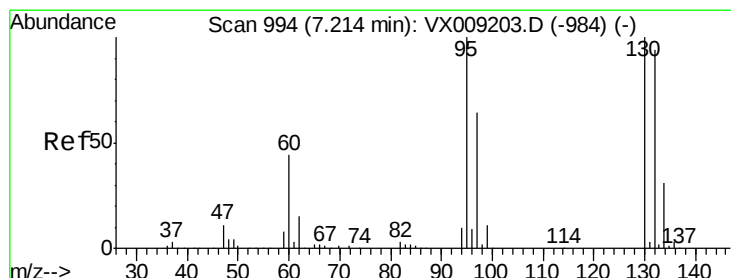
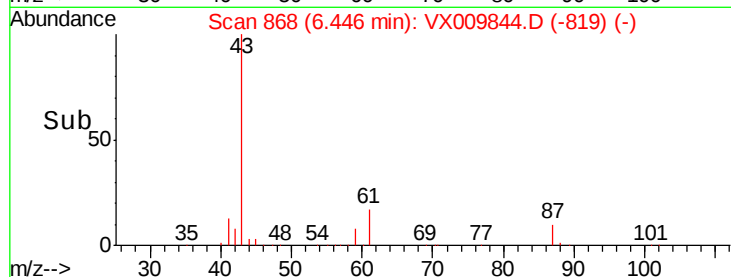
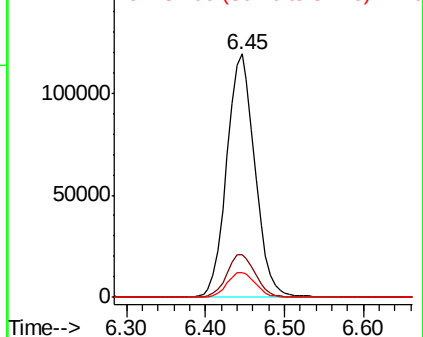
Isopropyl Acetate
 Concen: 49.192 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MSD

Tot Ion: 43 Resp: 294263
 Ion Ratio Lower Upper
 43 100
 61 18.0 15.1 22.7
 87 10.6 9.0 13.6



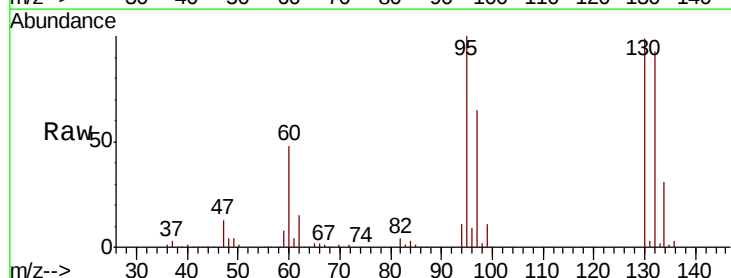
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



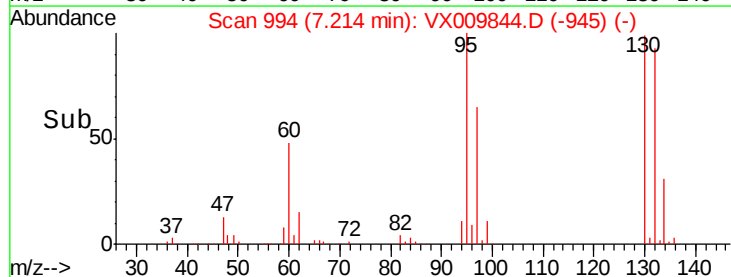
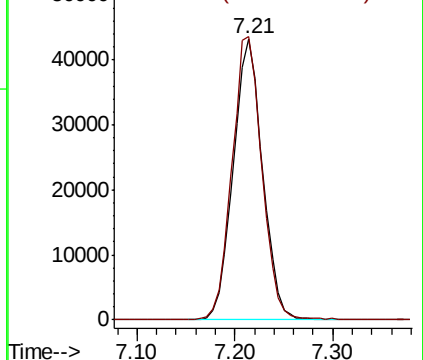
#44

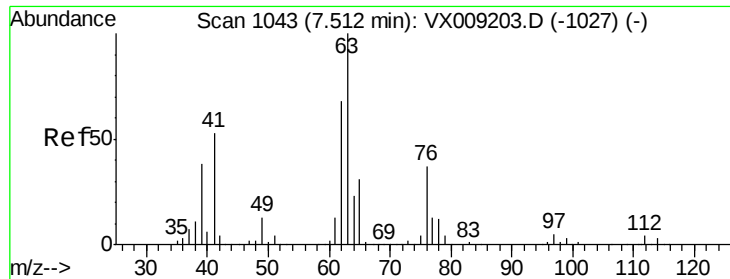
Trichloroethene
 Concen: 44.773 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Tgt Ion:130 Resp: 89913
 Ion Ratio Lower Upper
 130 100
 95 100.6 0.0 199.2



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





#45

1,2-Dichloropropane

Concen: 45.954 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

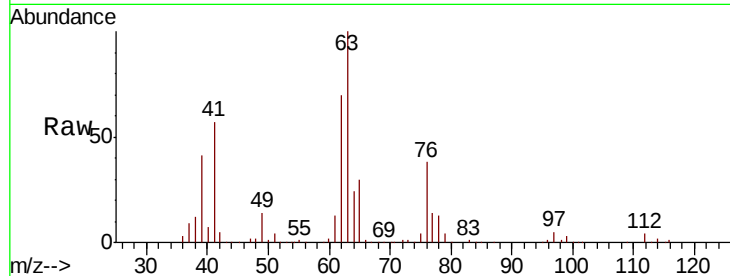
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 63 Resp: 108091

Ion Ratio Lower Upper

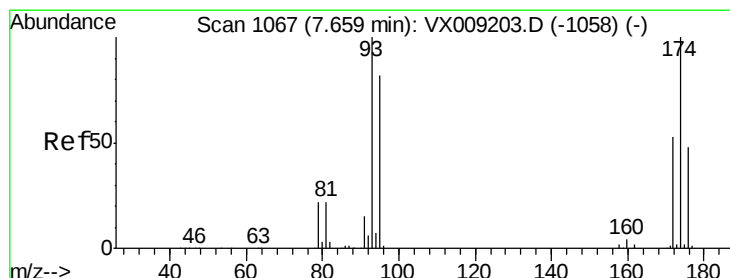
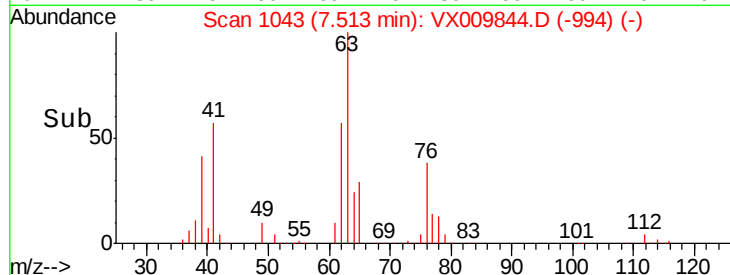
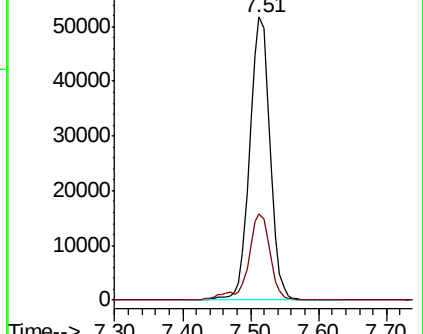
63 100

65 30.4 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 45.588 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

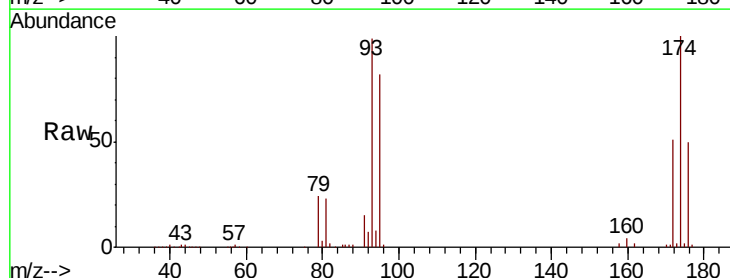
Tgt Ion: 93 Resp: 62270

Ion Ratio Lower Upper

93 100

95 83.7 66.5 99.7

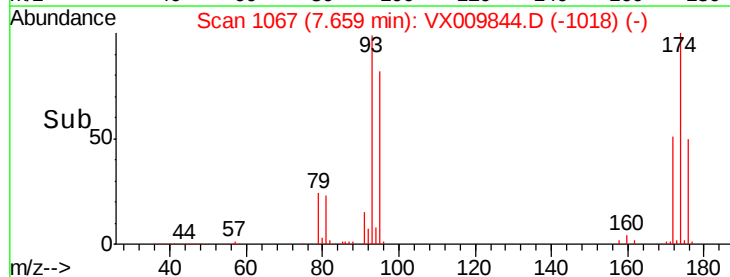
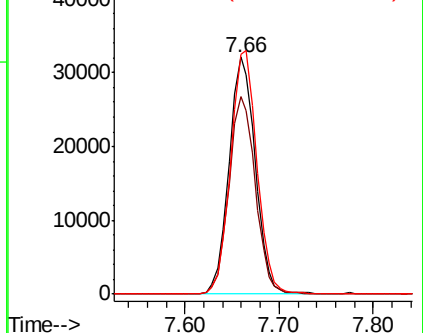
174 103.2 82.1 123.1

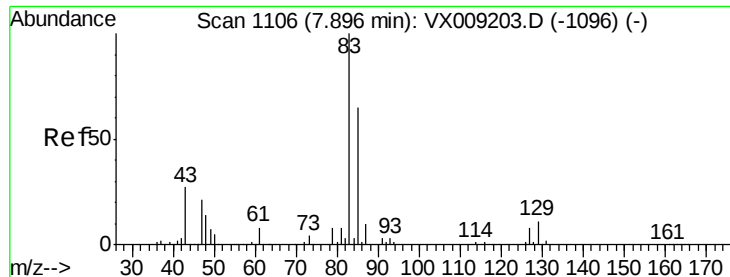


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.257 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

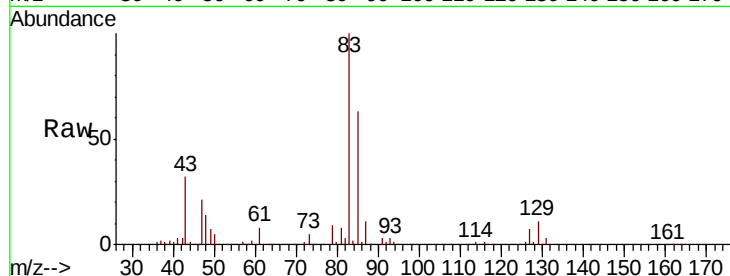
Tot Ion: 83 Resp: 126034

Ion Ratio Lower Upper

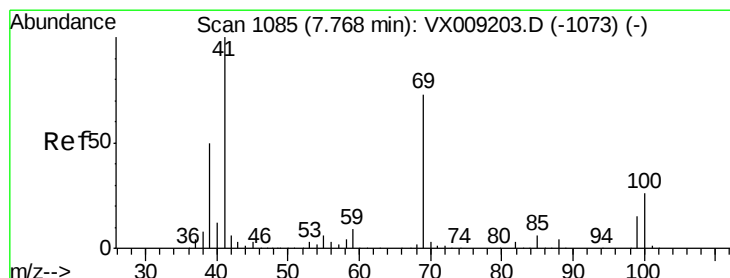
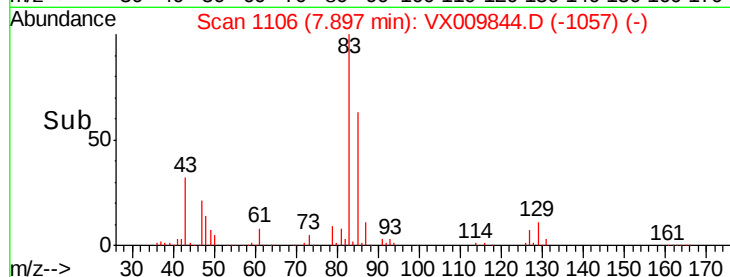
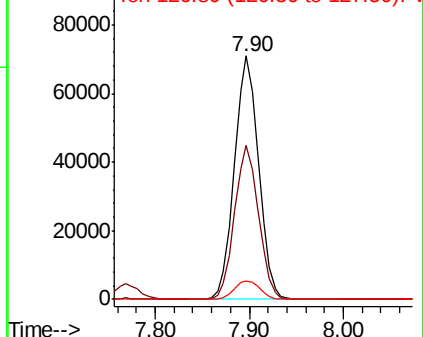
83 100

85 63.1 52.4 78.6

127 7.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.927 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

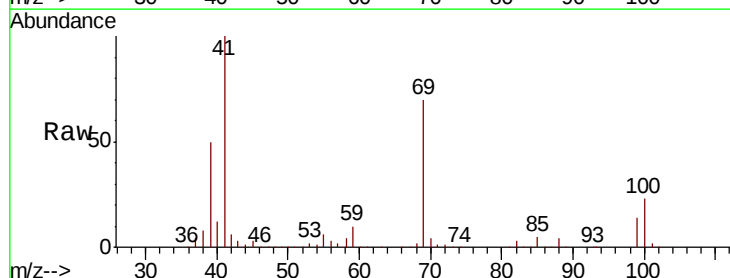
Tgt Ion: 41 Resp: 148173

Ion Ratio Lower Upper

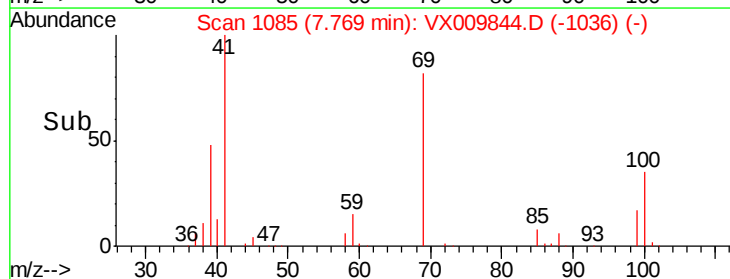
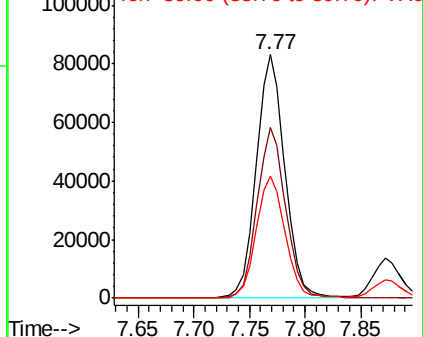
41 100

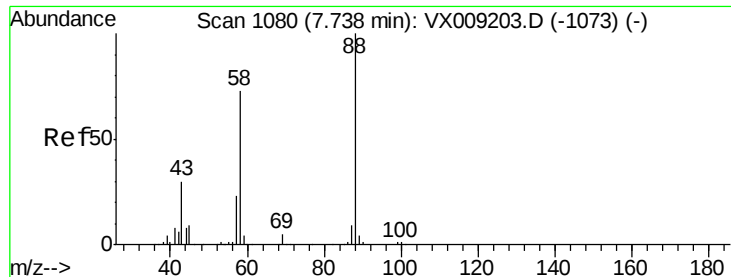
69 70.7 59.1 88.7

39 50.7 40.4 60.6



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

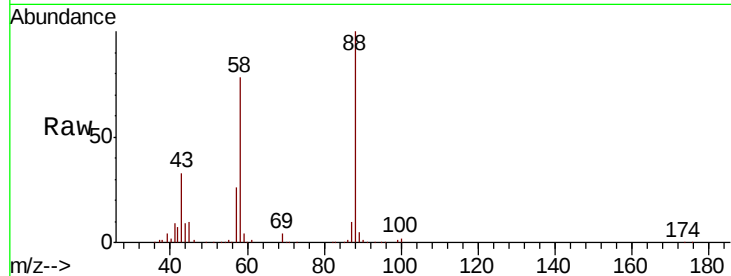




#49
1,4-Dioxane
Concen: 923.795 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

Tot Ion	88	Resp	55600
Ion	Ratio	Lower	Upper
88	100		
43	38.5	28.6	42.8
58	80.2	61.7	92.5

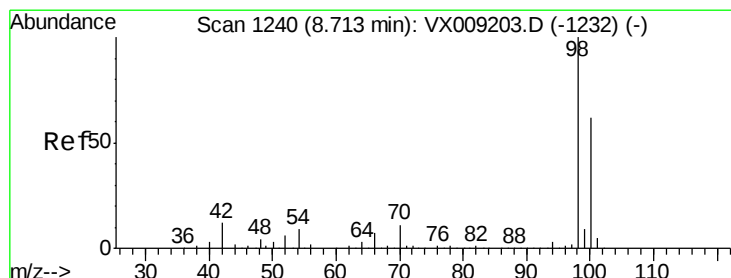
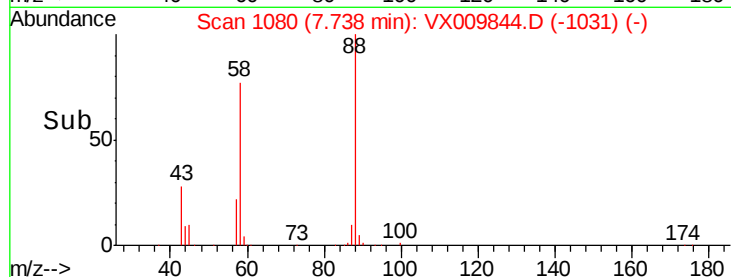
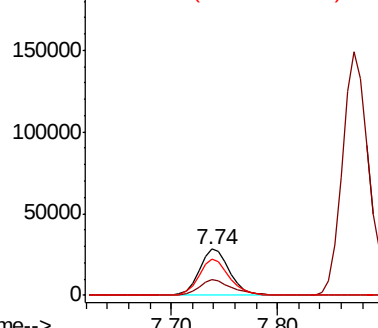


Abundance

Ion 88.00 (87.70 to 88.70): VX0

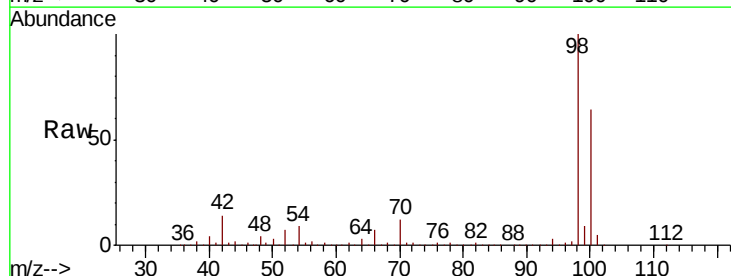
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 45.525 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

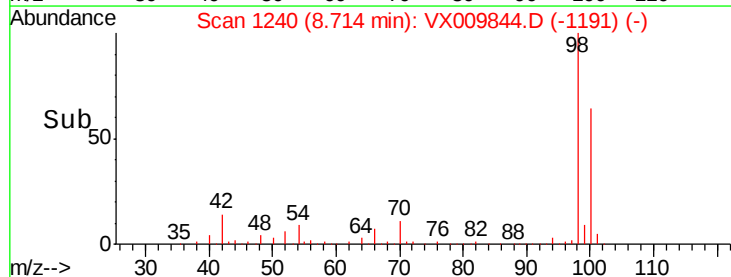
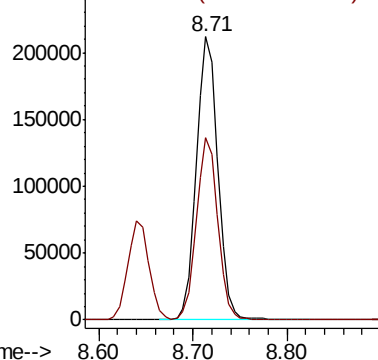
Tgt Ion	98	Resp	333715
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8

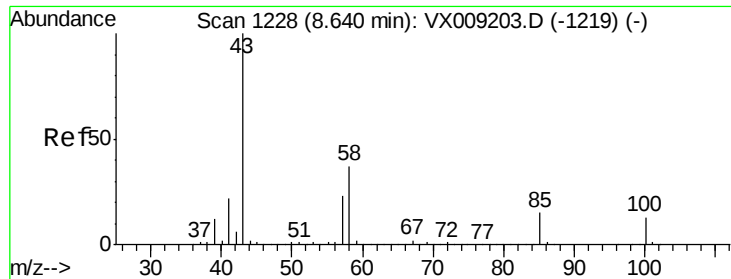


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 250.485 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

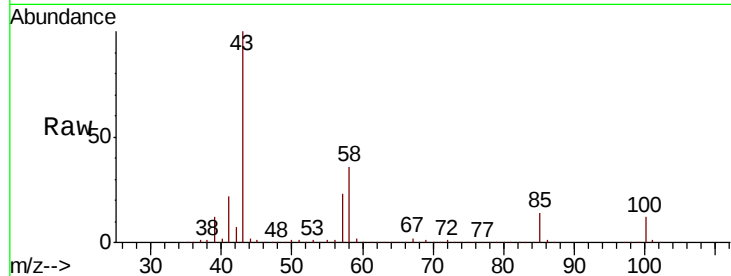
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 43 Resp: 979379

Ion Ratio Lower Upper

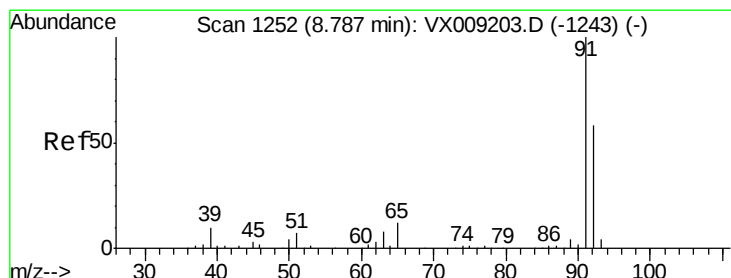
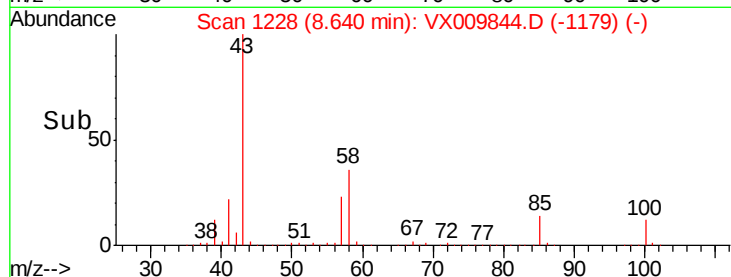
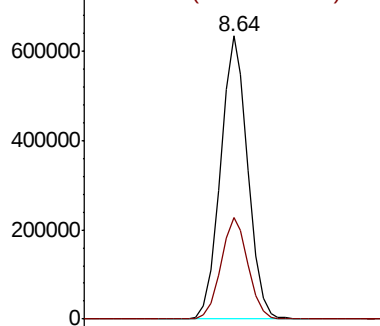
43 100

58 35.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 45.433 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009844.D

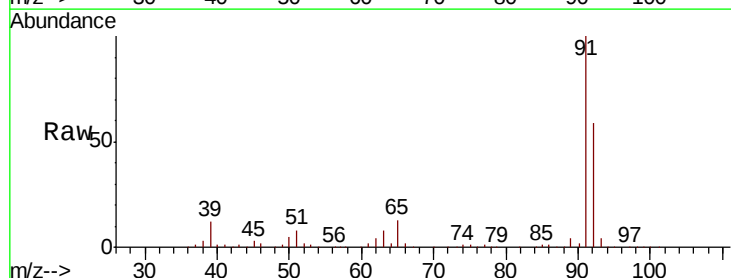
Acq: 23 May 2019 07:54

Tgt Ion: 92 Resp: 229415

Ion Ratio Lower Upper

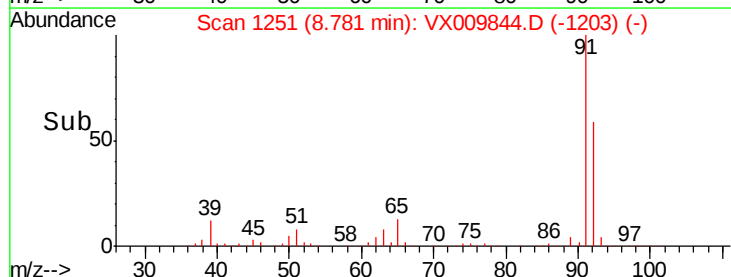
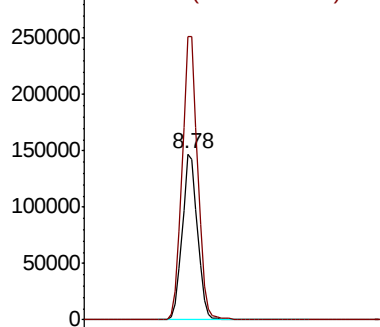
92 100

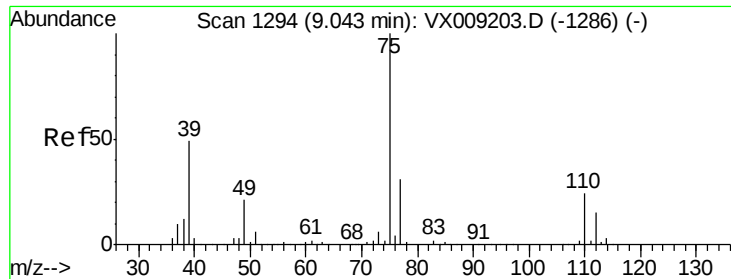
91 174.5 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

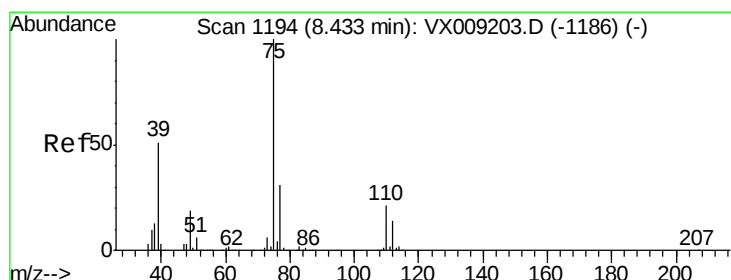
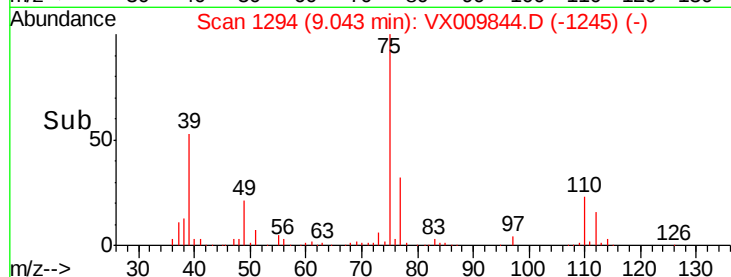
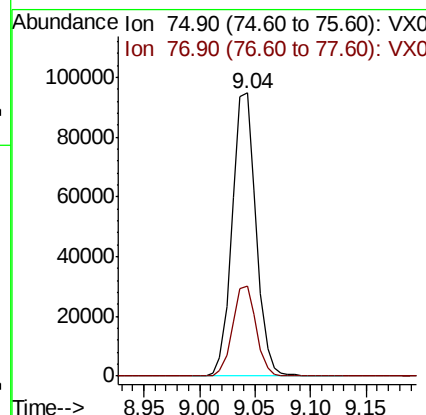
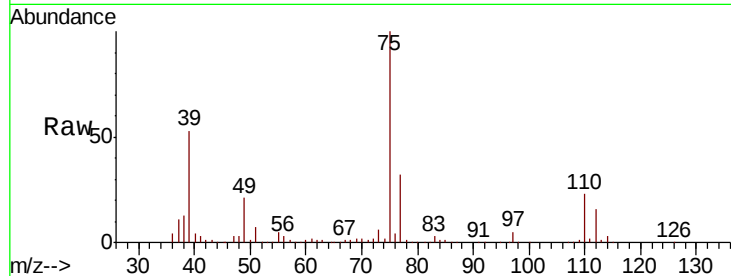




#53
t-1,3-Dichloropropene
Concen: 45.629 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

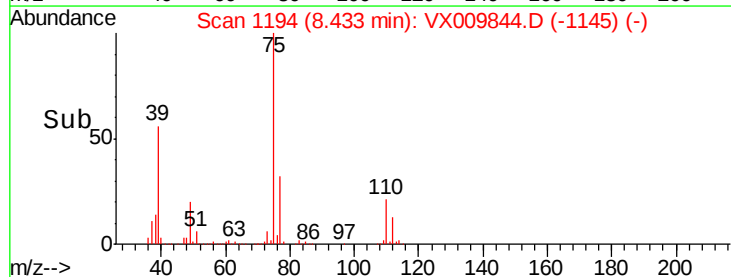
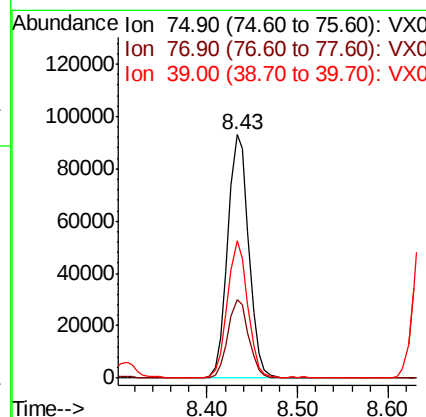
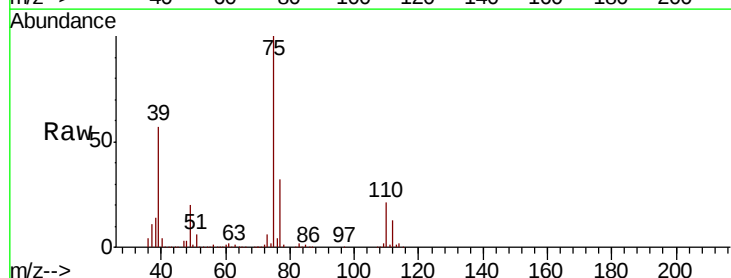
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

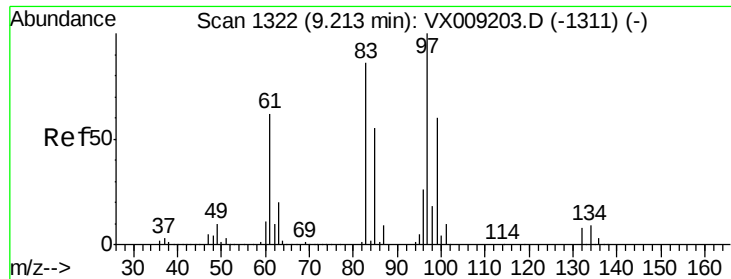
Tot Ion: 75 Resp: 140364
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 44.312 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion: 75 Resp: 150875
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8
39 56.4 40.6 60.8

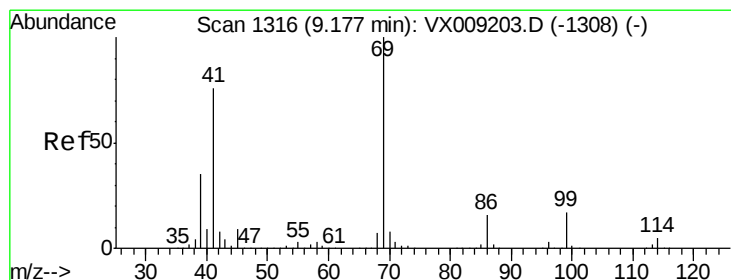
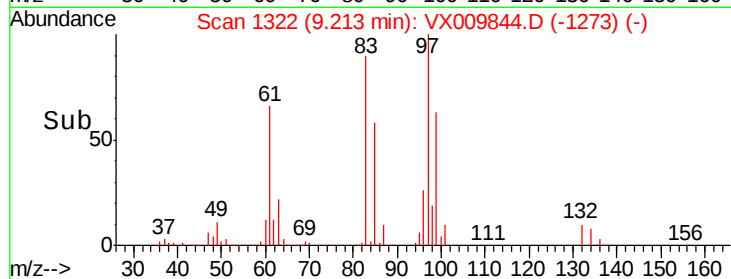
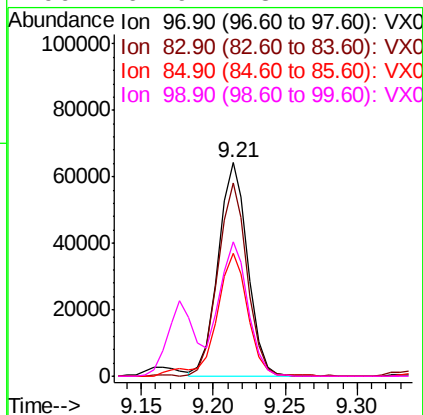
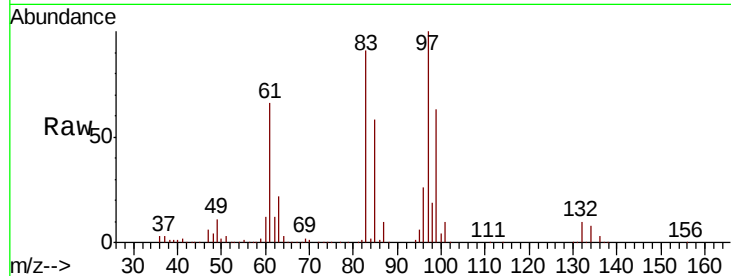




#55
 1,1,2-Trichloroethane
 Concen: 45.020 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

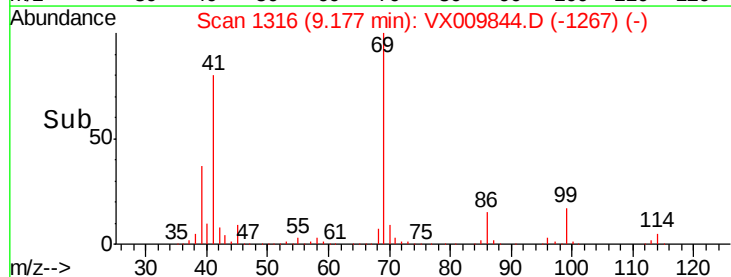
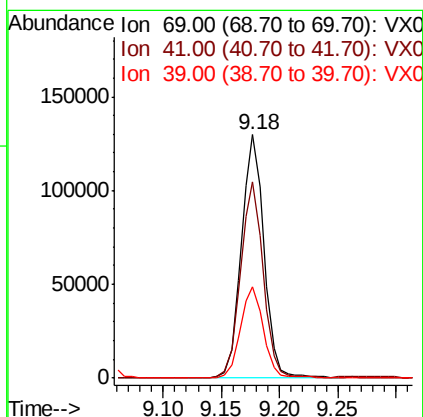
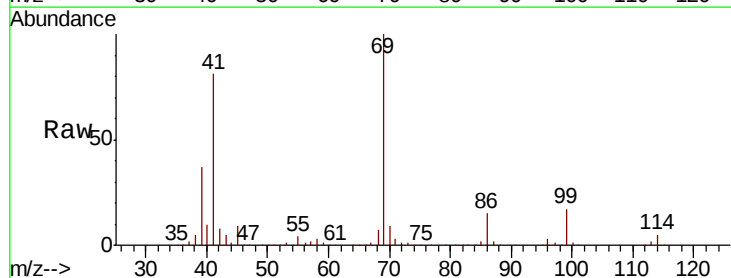
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MSD

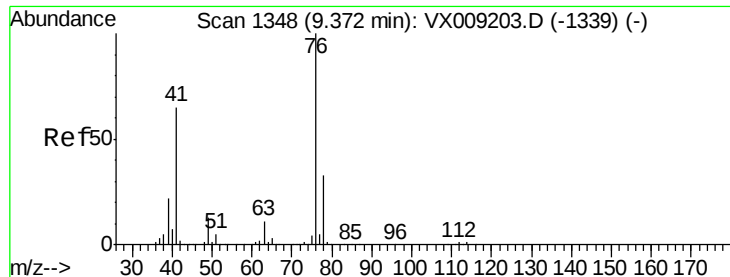
Tot Ion:	97	Resp:	92744
Ion	Ratio	Lower	Upper
97	100		
83	90.5	68.9	103.3
85	57.4	43.8	65.6
99	62.9	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 47.935 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Tgt Ion:	69	Resp:	176274
Ion	Ratio	Lower	Upper
69	100		
41	80.6	60.6	90.8
39	37.5	28.2	42.4





#57

1,3-Dichloropropane

Concen: 46.357 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

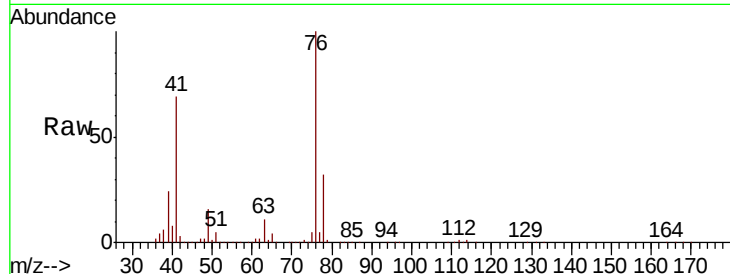
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 76 Resp: 168054

Ion Ratio Lower Upper

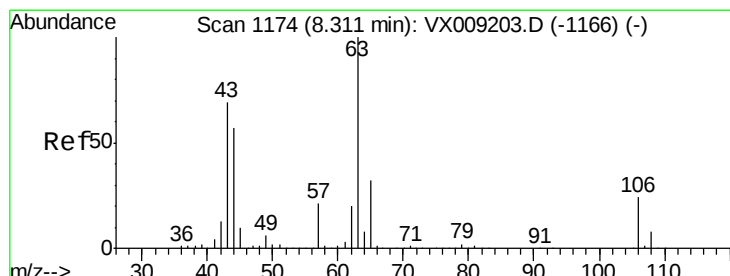
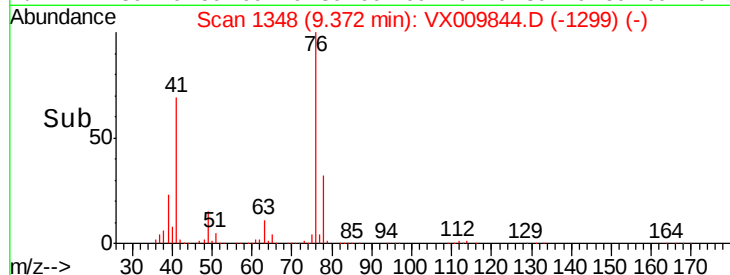
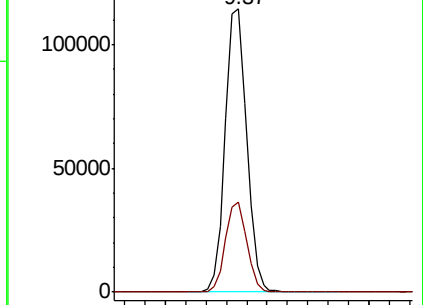
76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 229.450 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009844.D

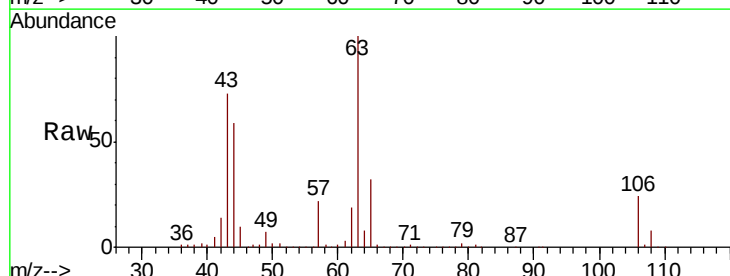
Acq: 23 May 2019 07:54

Tgt Ion: 63 Resp: 447613

Ion Ratio Lower Upper

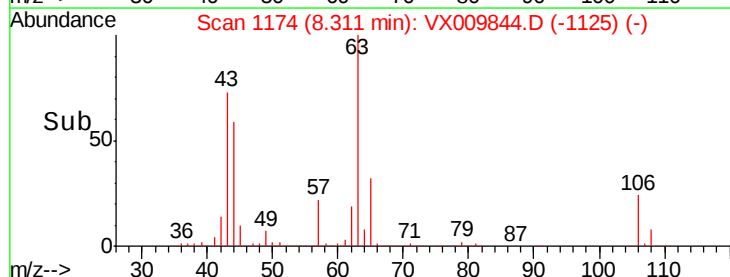
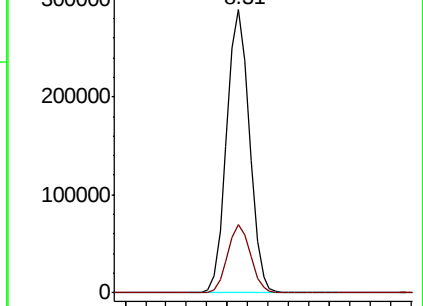
63 100

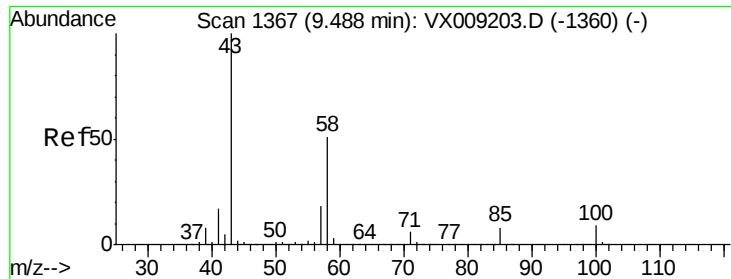
106 24.0 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

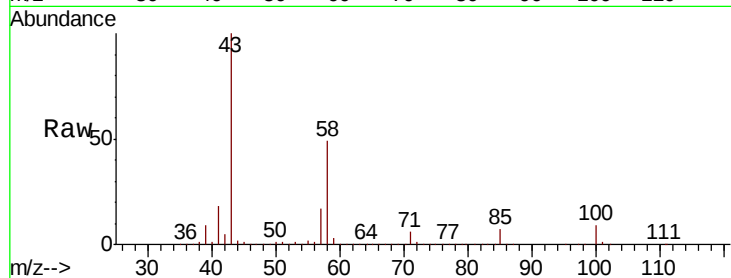




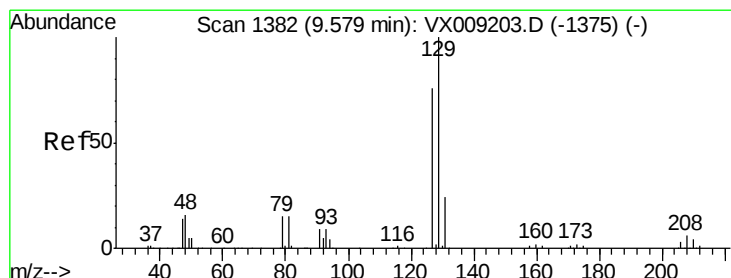
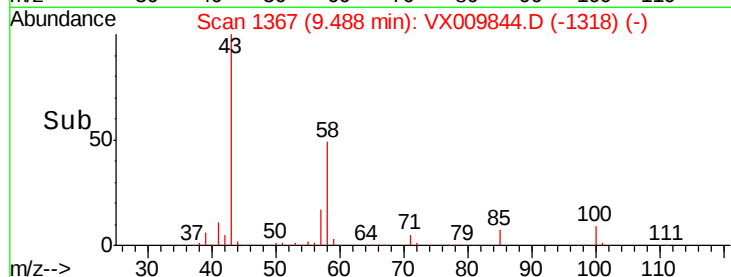
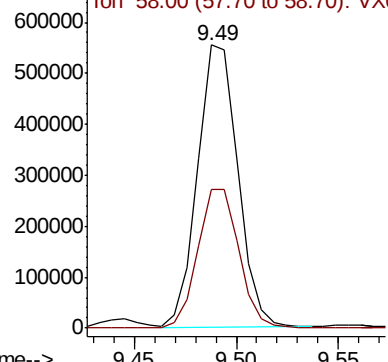
#59
2-Hexanone
Concen: 245.703 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 43 Resp: 754508
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.7

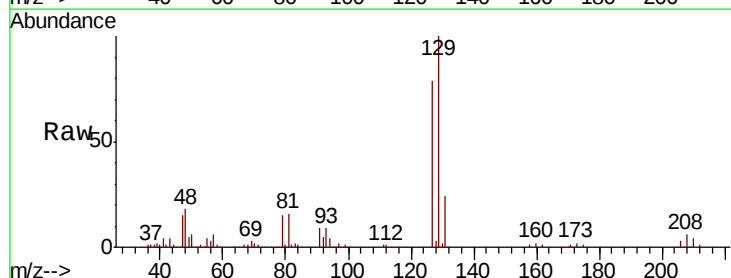


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

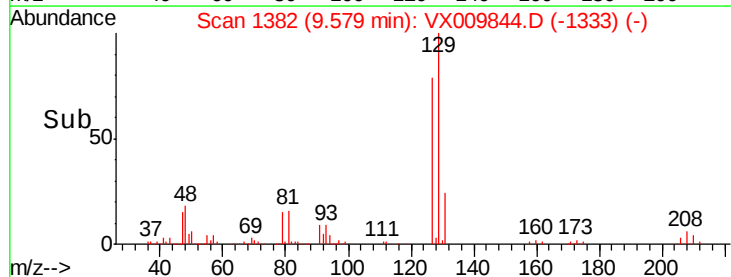
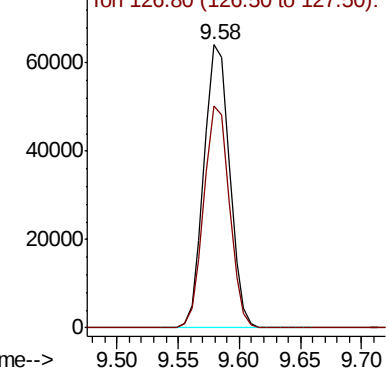


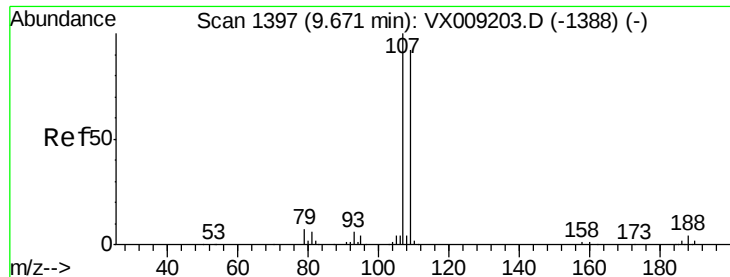
#60
Dibromochloromethane
Concen: 46.158 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion:129 Resp: 92872
Ion Ratio Lower Upper
129 100
127 78.4 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 46.941 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

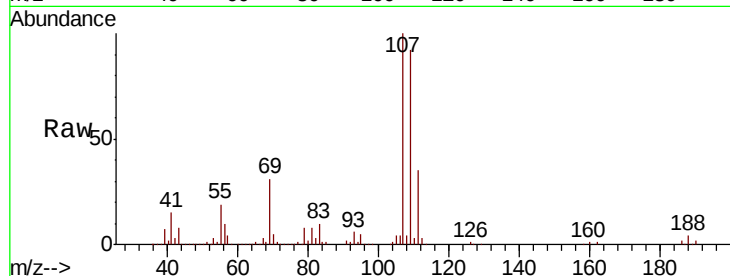
EP1-SB-MW-ER(14-17)MSD

Tot Ion:107 Resp: 97613

Ion Ratio Lower Upper

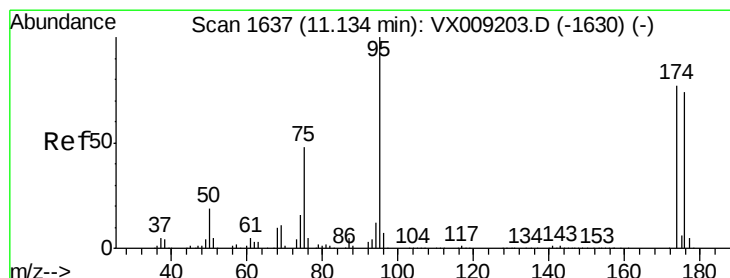
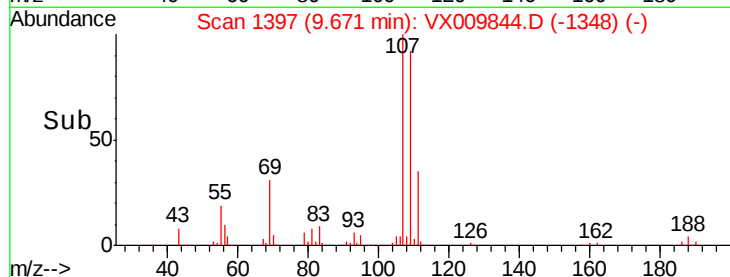
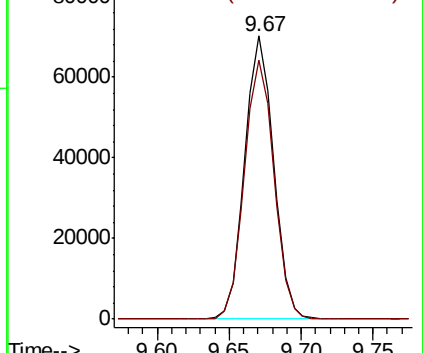
107 100

109 93.6 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.579 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

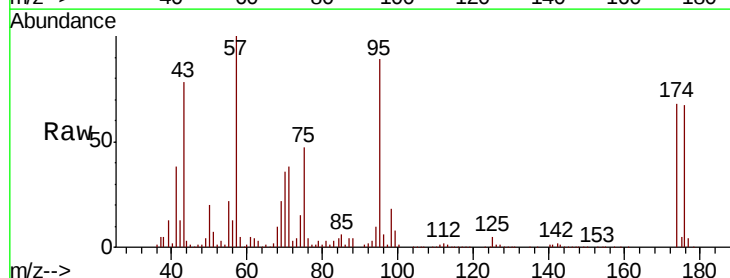
Tgt Ion: 95 Resp: 132058

Ion Ratio Lower Upper

95 100

174 79.2 0.0 161.6

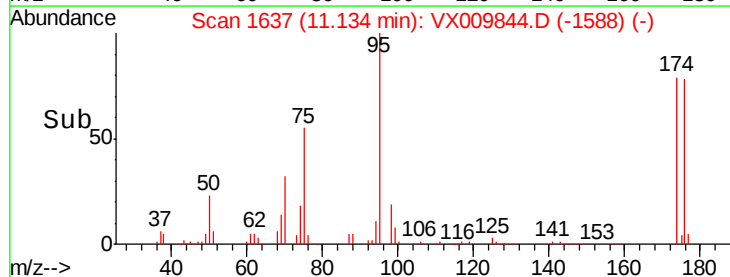
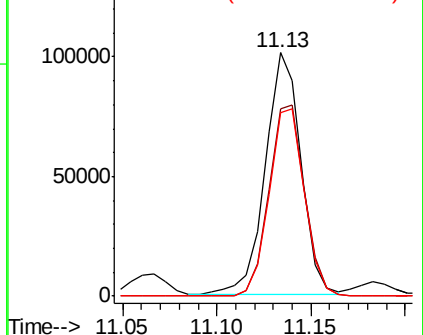
176 77.2 0.0 159.2

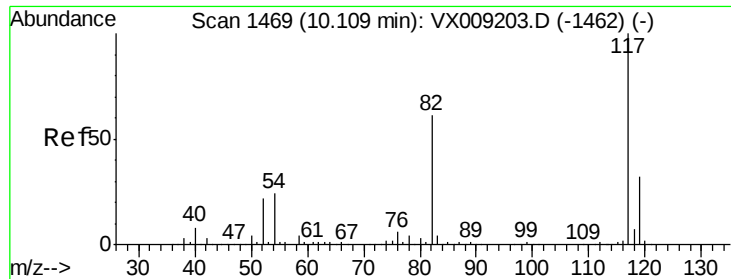


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

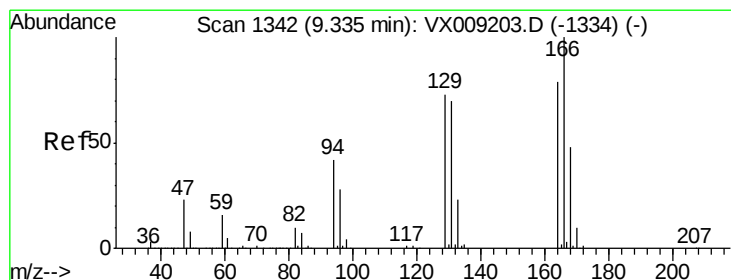
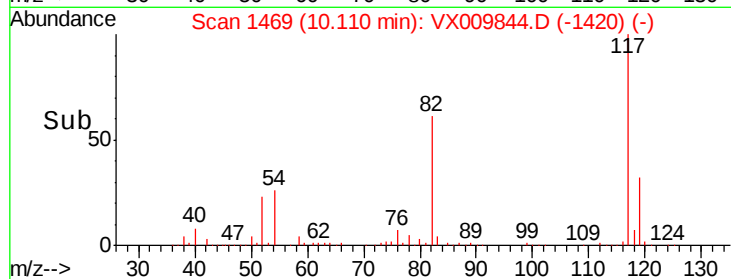
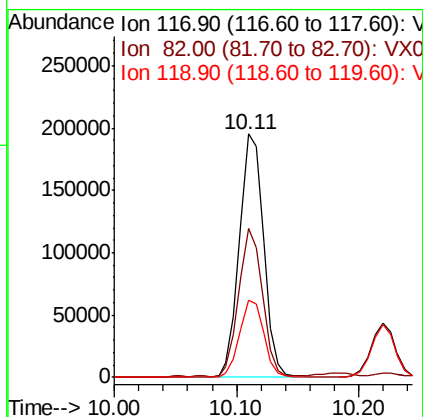
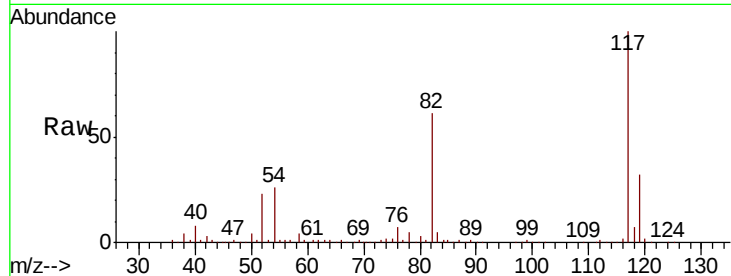




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

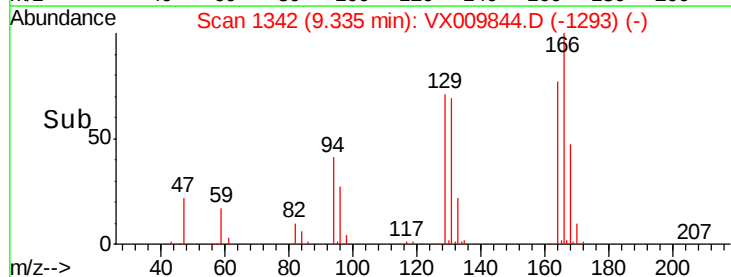
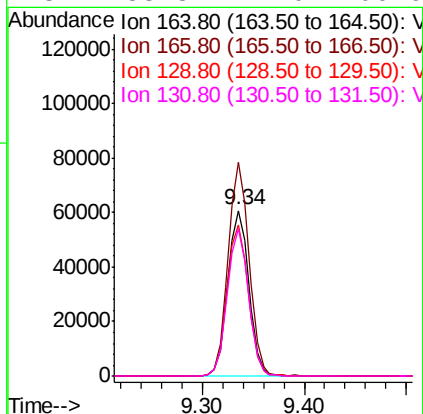
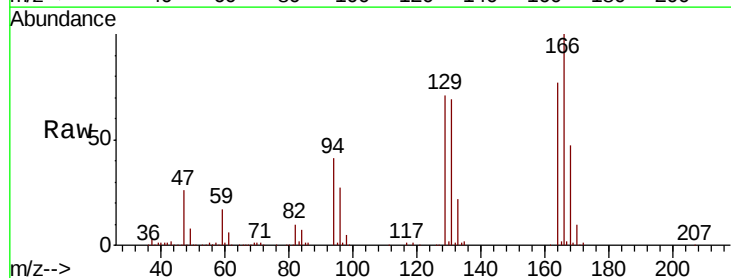
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

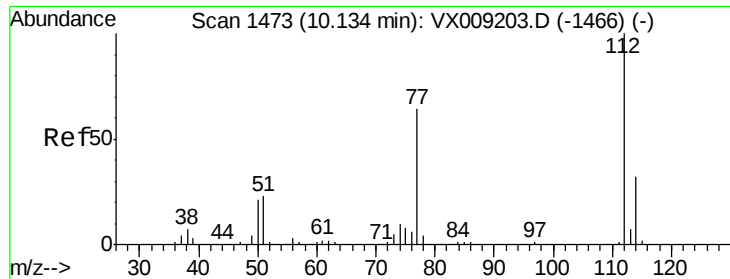
Tot Ion:117 Resp: 268479
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 47.168 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion:164 Resp: 86867
Ion Ratio Lower Upper
164 100
166 129.1 101.2 151.8
129 91.1 74.3 111.5
131 88.8 71.0 106.6

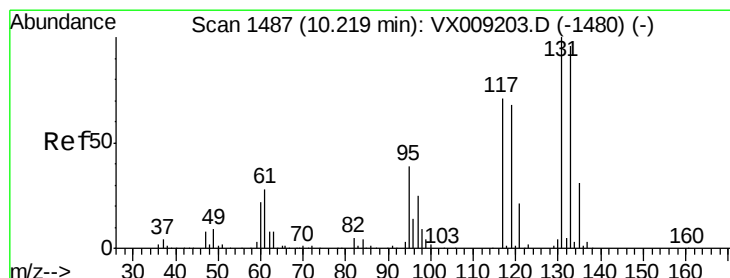
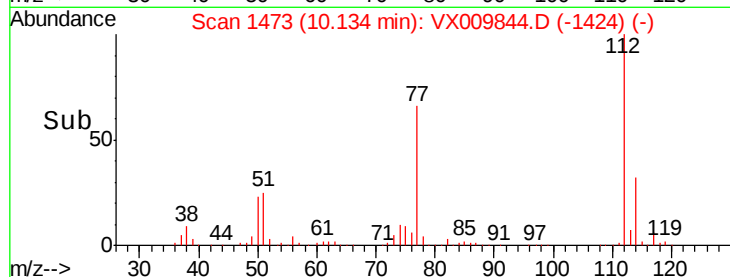
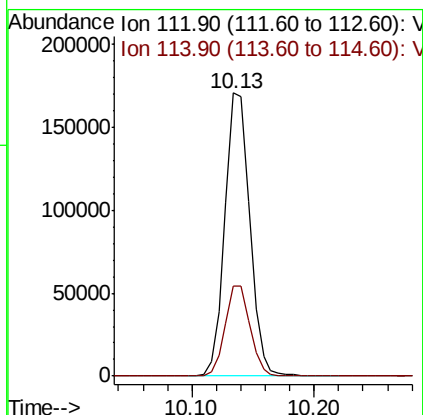
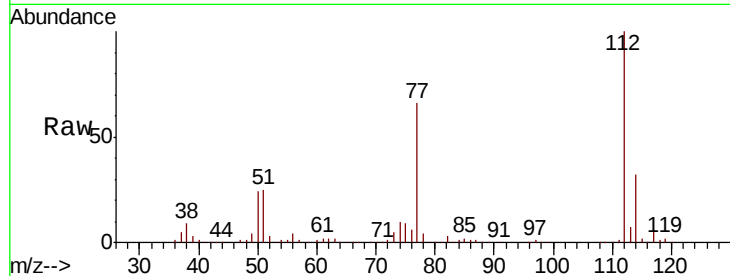




#65
Chlorobenzene
Concen: 44.918 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

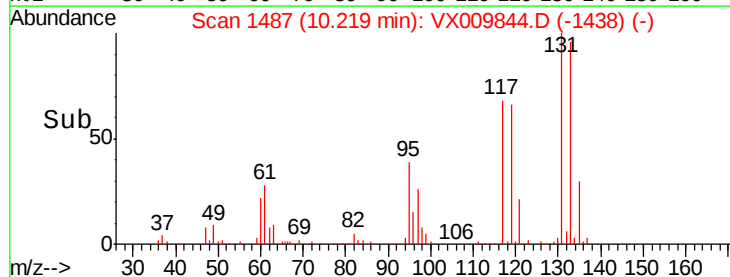
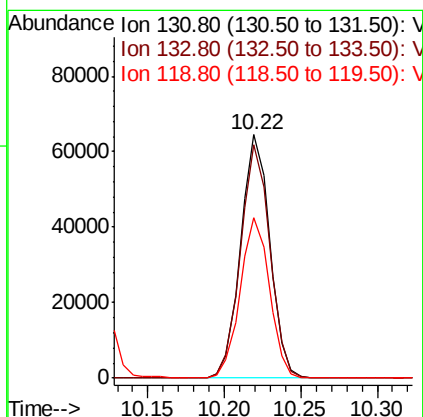
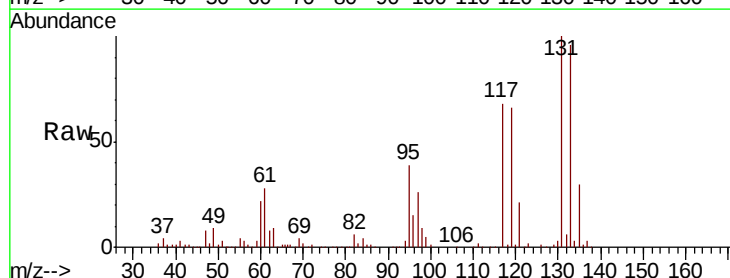
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

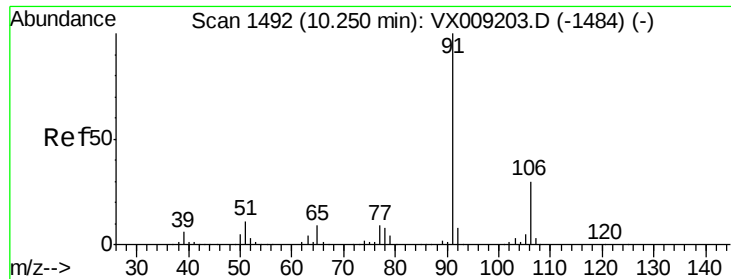
Tot Ion:112 Resp: 241245
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 43.946 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion:131 Resp: 85568
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 66.3 33.5 100.4





#67

Ethyl Benzene

Concen: 45.092 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

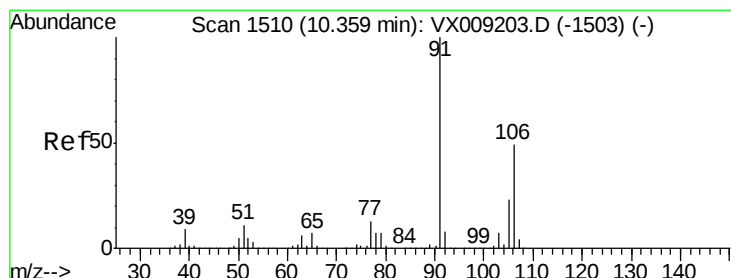
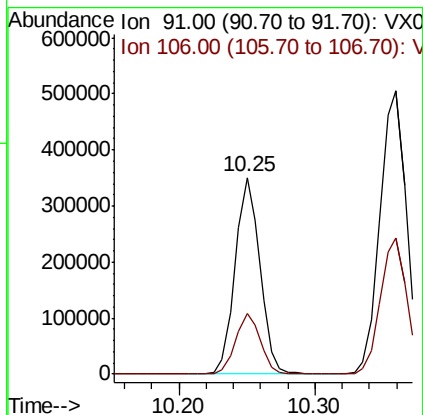
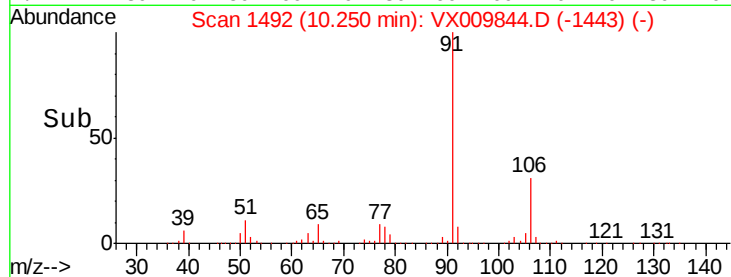
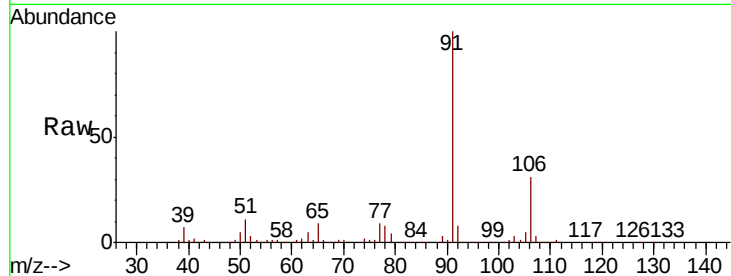
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 91 Resp: 445702

Ion Ratio Lower Upper

91 100

106 30.6 24.0 36.0



#68

m/p-Xylenes

Concen: 90.764 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009844.D

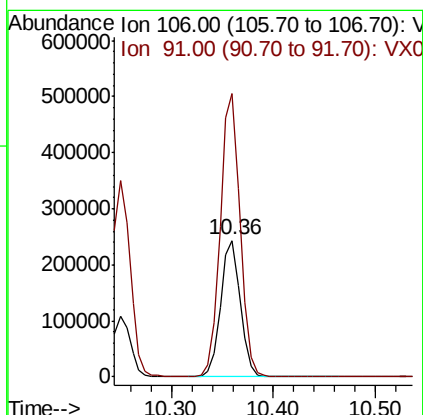
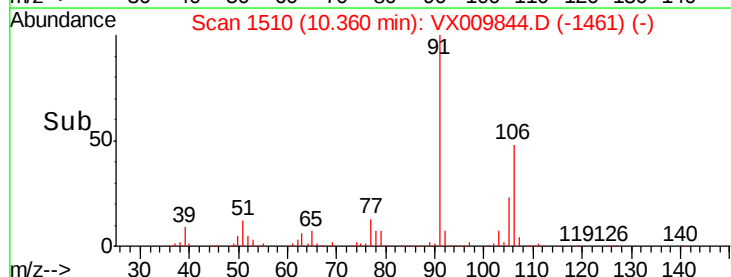
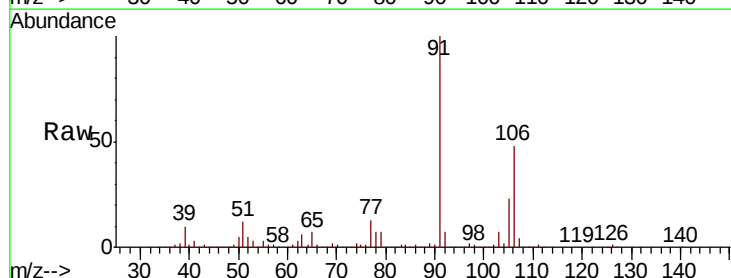
Acq: 23 May 2019 07:54

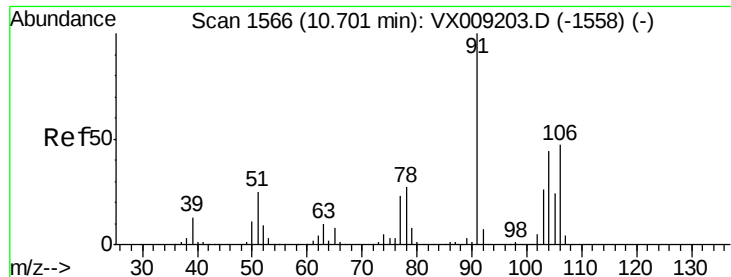
Tgt Ion: 106 Resp: 327844

Ion Ratio Lower Upper

106 100

91 209.3 164.0 246.0

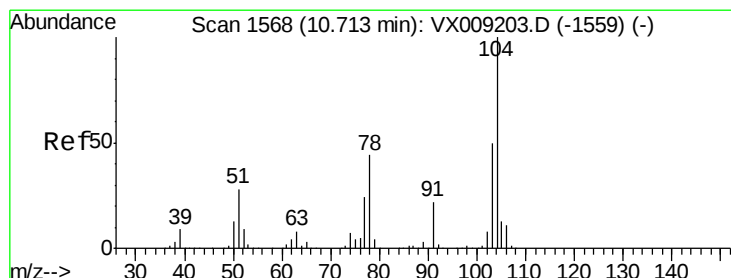
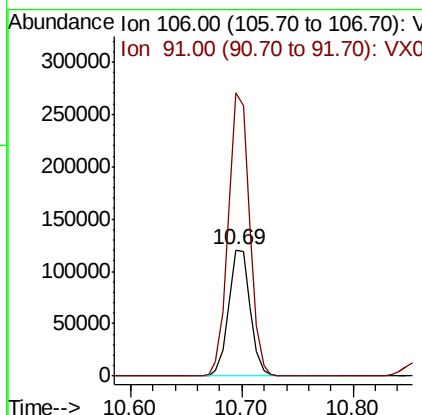
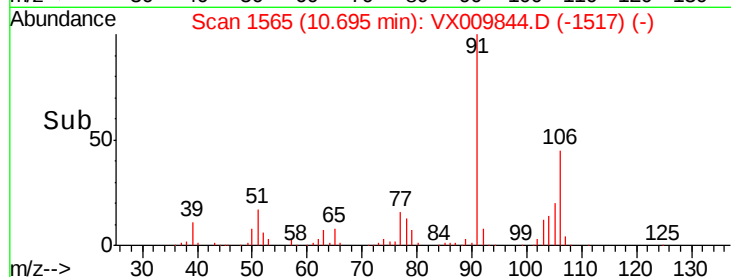
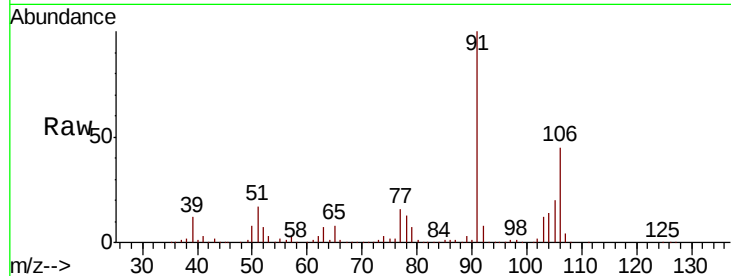




#69
o-Xylene
Concen: 45.251 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

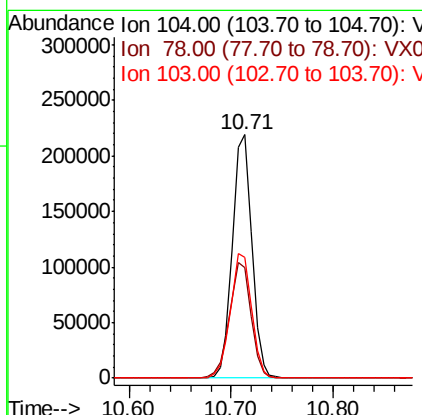
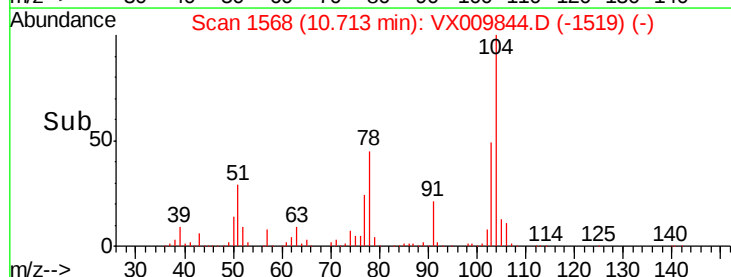
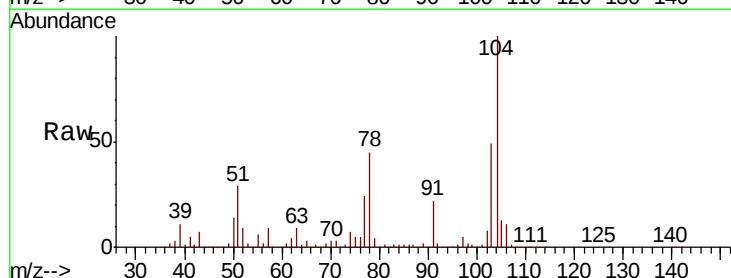
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

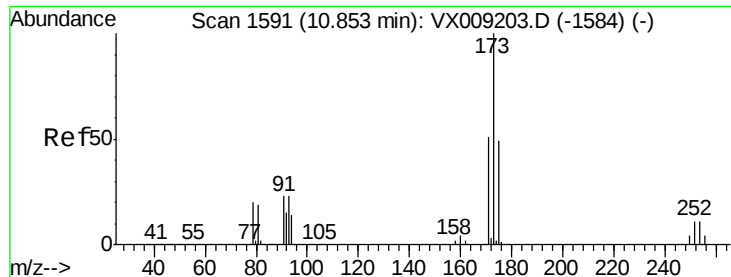
Tot Ion:106 Resp: 161267
Ion Ratio Lower Upper
106 100
91 221.6 109.5 328.4



#70
Styrene
Concen: 46.491 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion:104 Resp: 287972
Ion Ratio Lower Upper
104 100
78 52.6 41.0 61.4
103 55.7 43.8 65.6





#71

Bromoform

Concen: 45.557 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

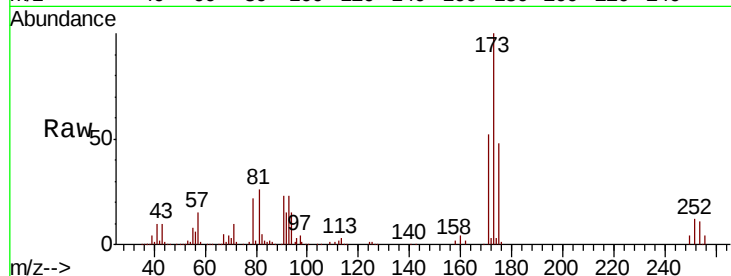
Tot Ion:173 Resp: 72087

Ion Ratio Lower Upper

173 100

175 48.7 24.5 73.5

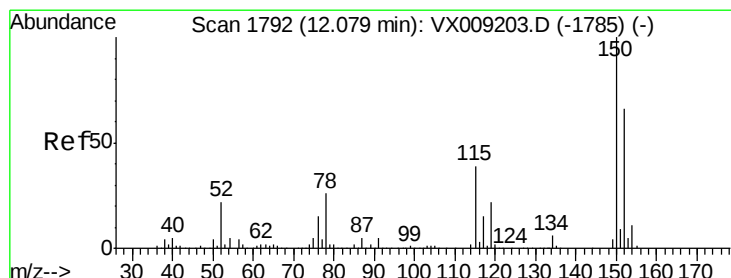
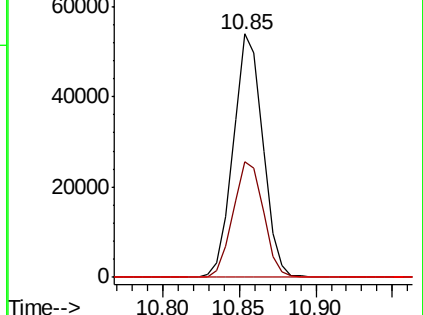
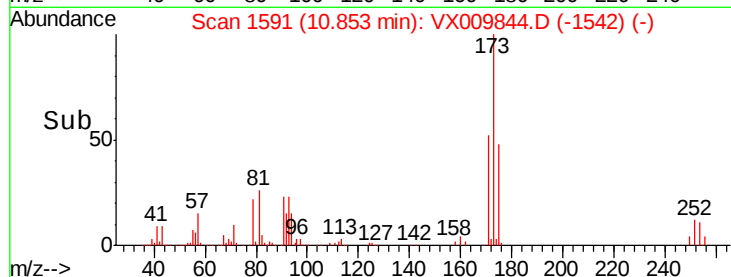
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

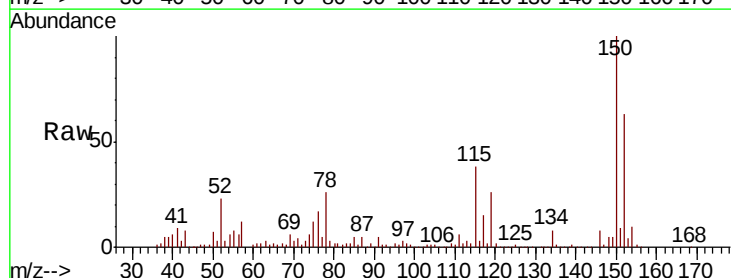
Tgt Ion:152 Resp: 141454

Ion Ratio Lower Upper

152 100

115 84.1 41.2 123.6

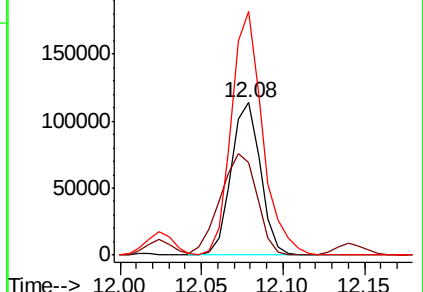
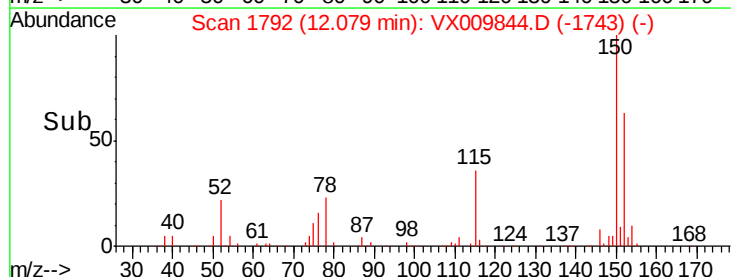
150 170.6 0.0 346.4

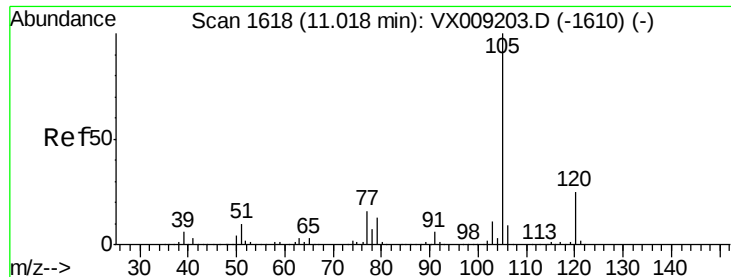


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 44.560 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument:

MSVOA_X

ClientSampleId:

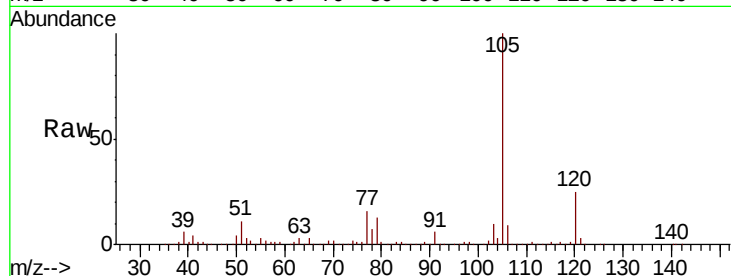
EP1-SB-MW-ER(14-17)MSD

Tot Ion:105 Resp: 458360

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

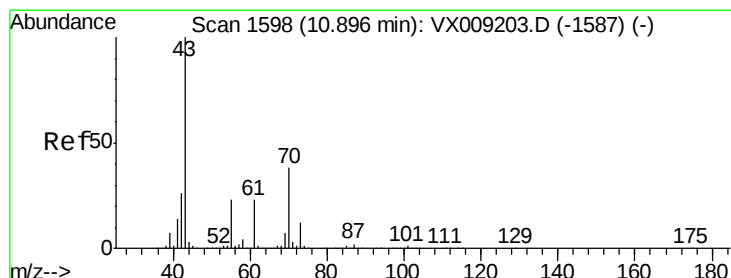
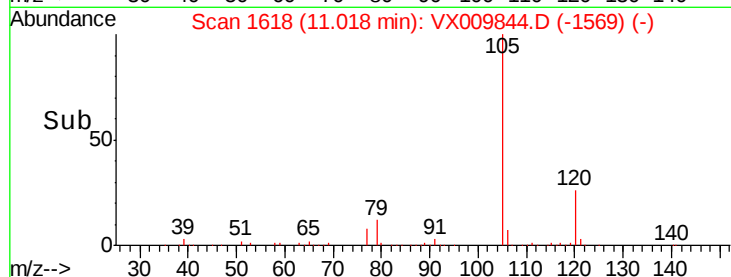
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 55.127 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Tgt Ion: 43 Resp: 330600

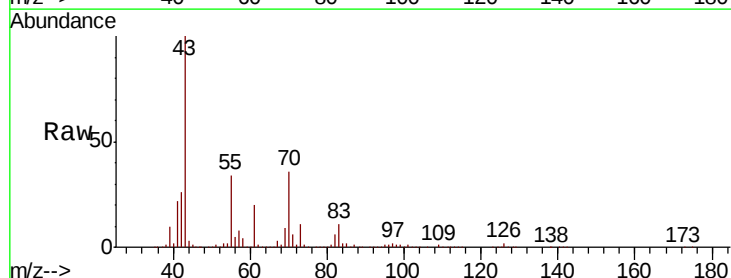
Ion Ratio Lower Upper

43 100

70 41.8 30.0 45.0

55 65.0 17.9 26.9#

61 18.4 18.4 27.6#



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

10.90

400000

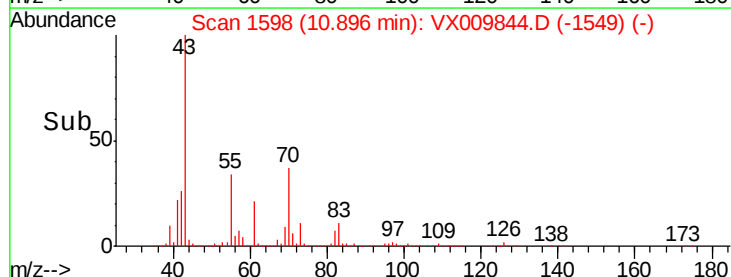
300000

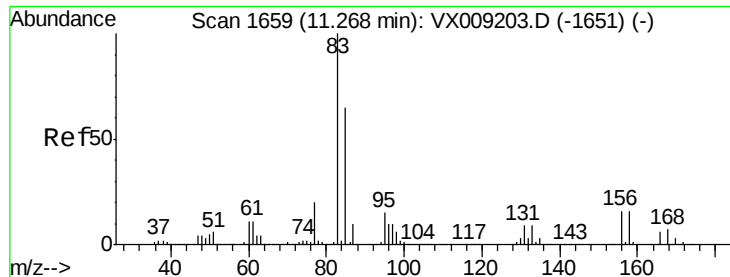
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.334 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

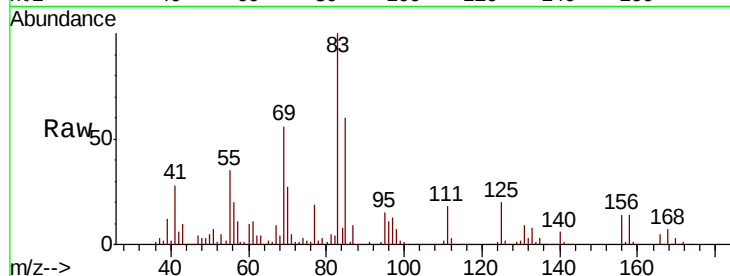
Tot Ion: 83 Resp: 189178

Ion Ratio Lower Upper

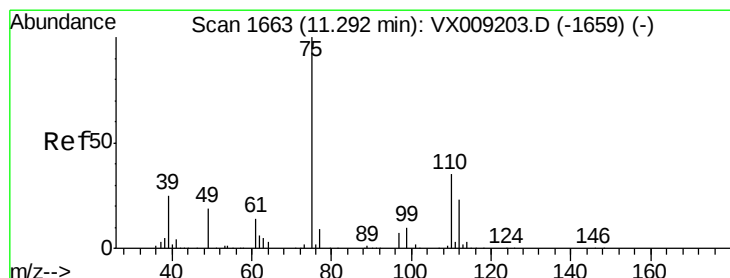
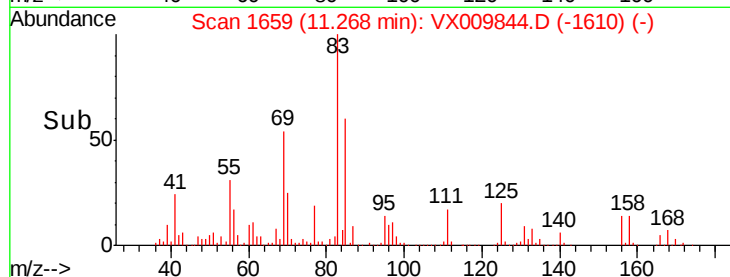
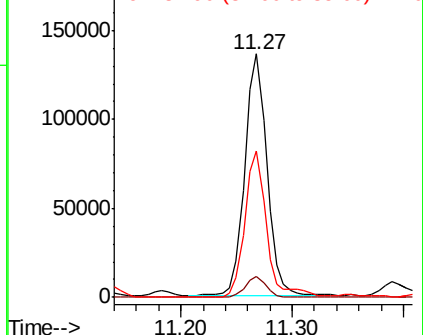
83 100

131 8.0 4.6 13.8

85 58.0 32.0 96.2



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: 56.341 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009844.D

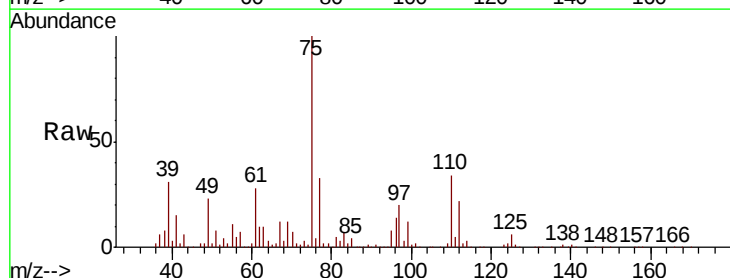
Acq: 23 May 2019 07:54

Tgt Ion: 75 Resp: 184868

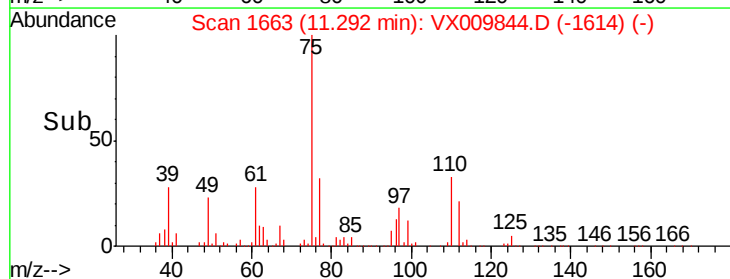
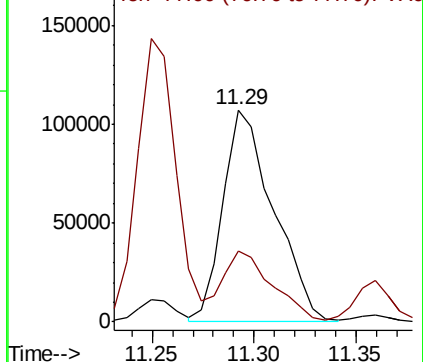
Ion Ratio Lower Upper

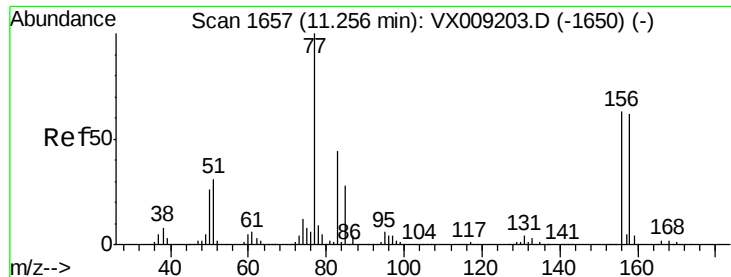
75 100

77 32.1 22.1 66.1



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





#77

Bromobenzene

Concen: 42.296 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

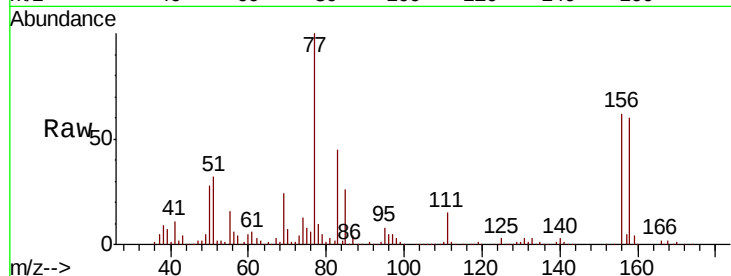
Tot Ion:156 Resp: 107986

Ion Ratio Lower Upper

156 100

77 173.5 84.8 254.3

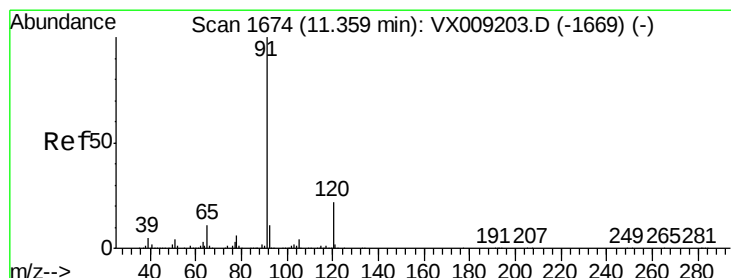
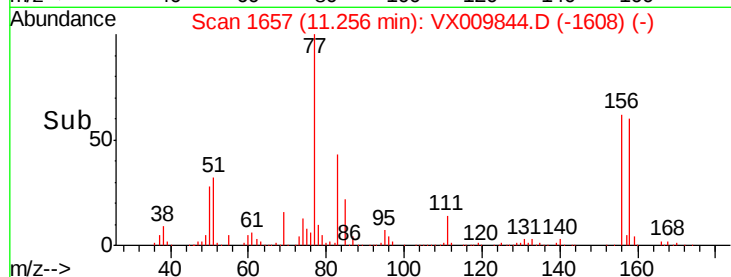
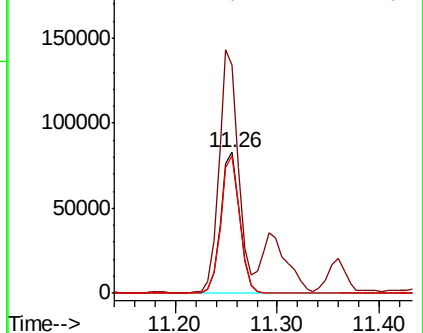
158 97.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.945 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009844.D

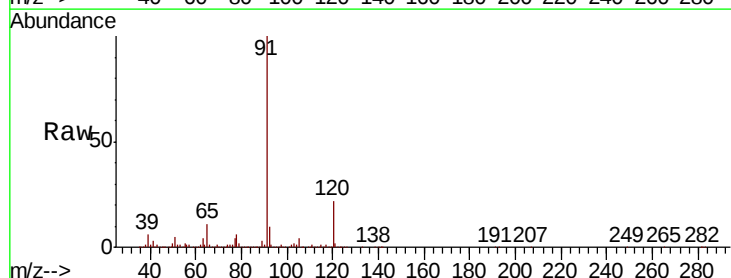
Acq: 23 May 2019 07:54

Tgt Ion: 91 Resp: 598477

Ion Ratio Lower Upper

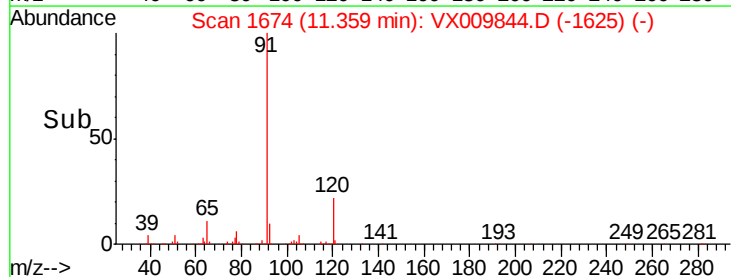
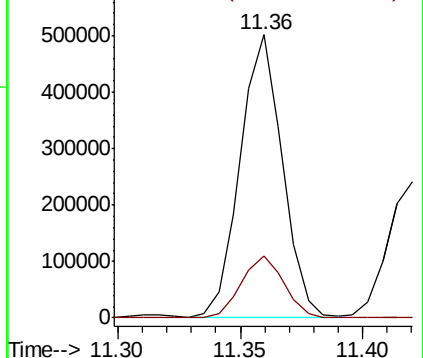
91 100

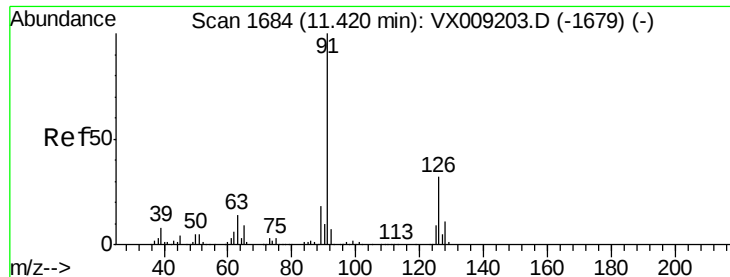
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 41.278 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

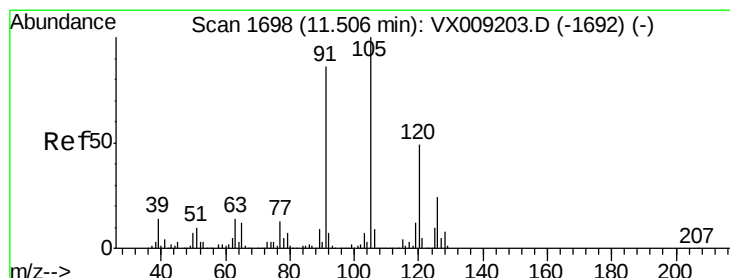
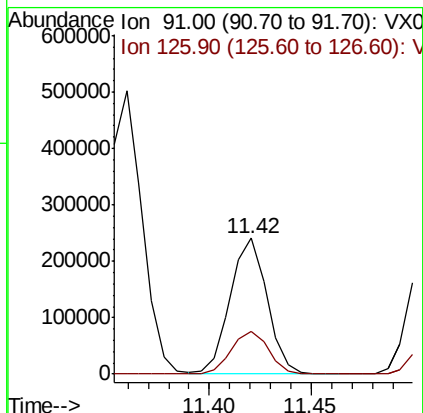
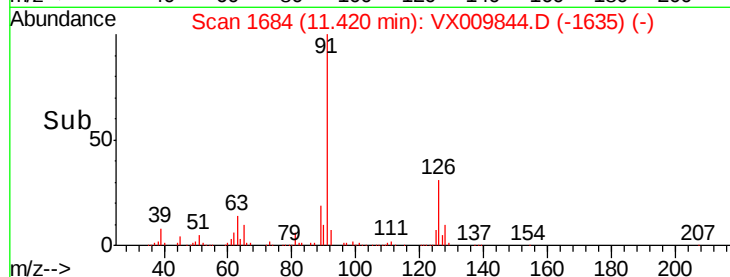
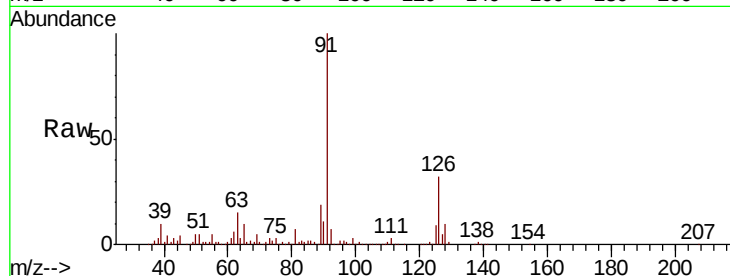
EP1-SB-MW-ER(14-17)MSD

Tot Ion: 91 Resp: 299169

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 60.725 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009844.D

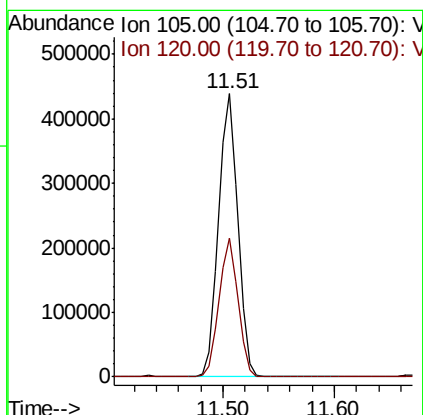
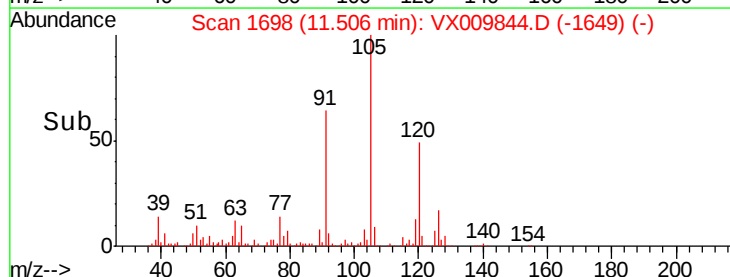
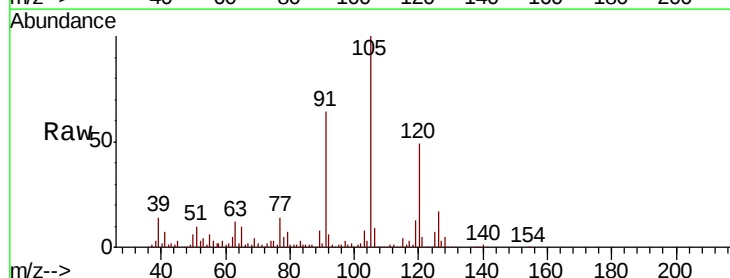
Acq: 23 May 2019 07:54

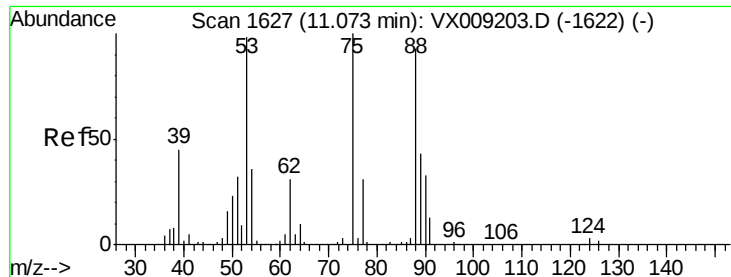
Tgt Ion:105 Resp: 525946

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.9

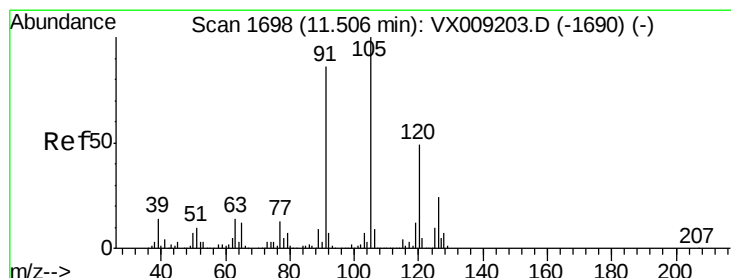
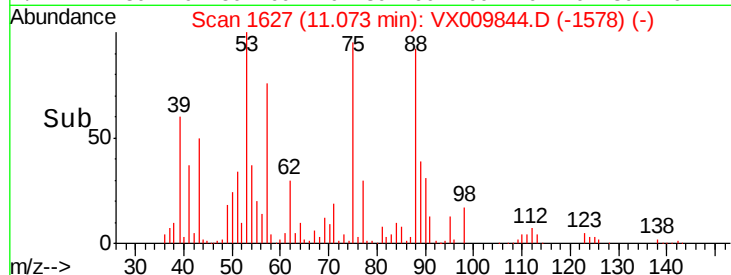
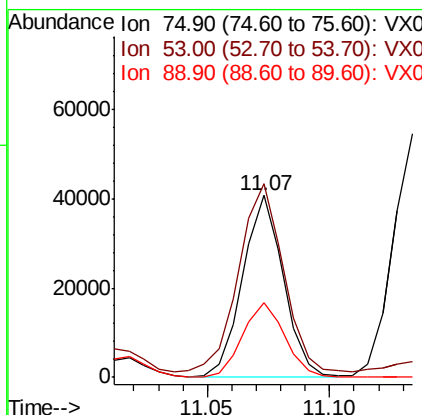
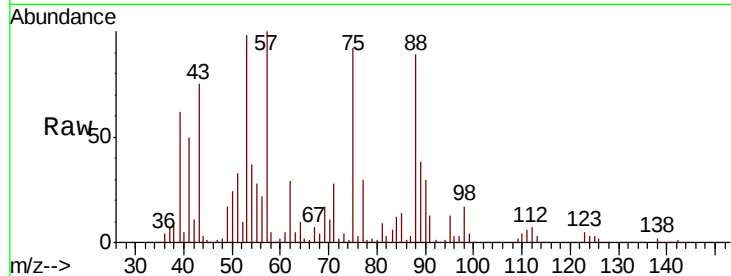




#81
trans-1,4-Dichloro-2-butene
Concen: 36.589 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

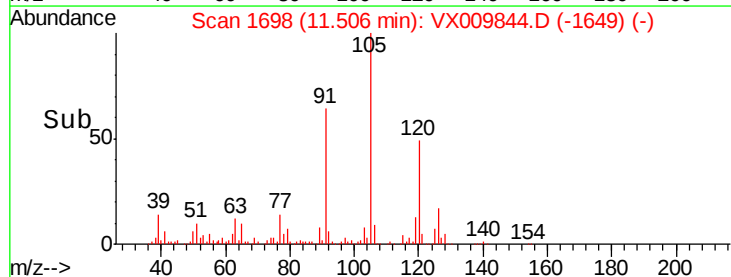
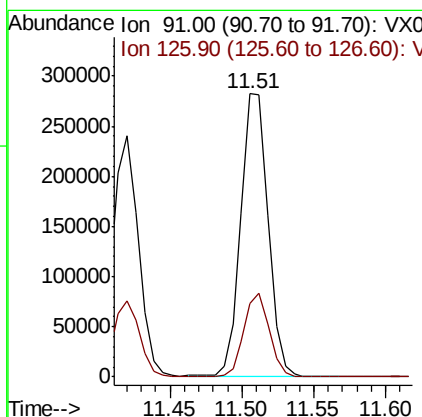
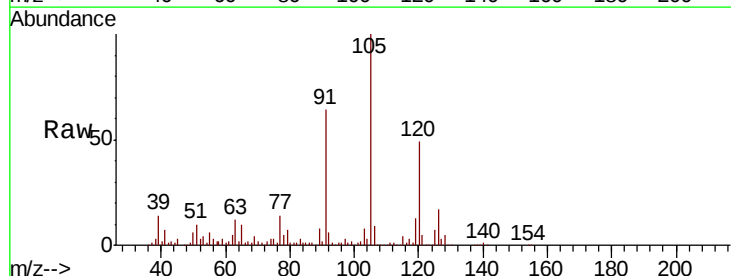
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

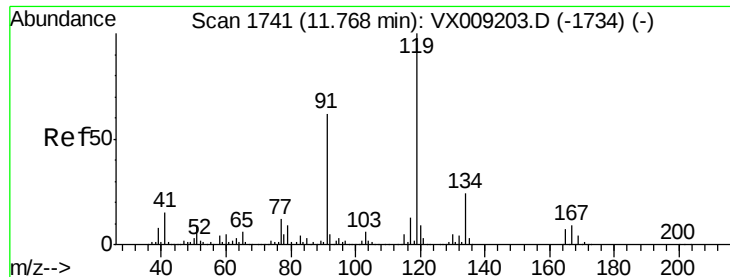
Tot Ion: 75 Resp: 46922
Ion Ratio Lower Upper
75 100
53 115.8 79.0 118.6
89 42.8 34.7 52.1



#82
4-Chlorotoluene
Concen: 45.529 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion: 91 Resp: 372783
Ion Ratio Lower Upper
91 100
126 27.3 14.5 43.6





#83

tert-Butylbenzene

Concen: 43.974 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

EP1-SB-MW-ER(14-17)MSD

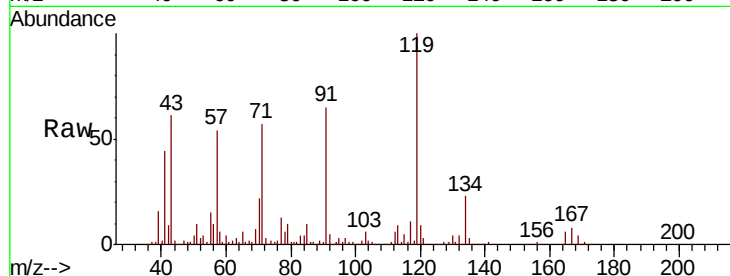
Tot Ion:119 Resp: 370502

Ion Ratio Lower Upper

119 100

91 59.1 29.5 88.5

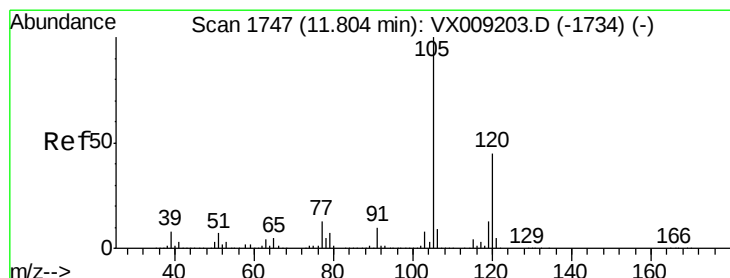
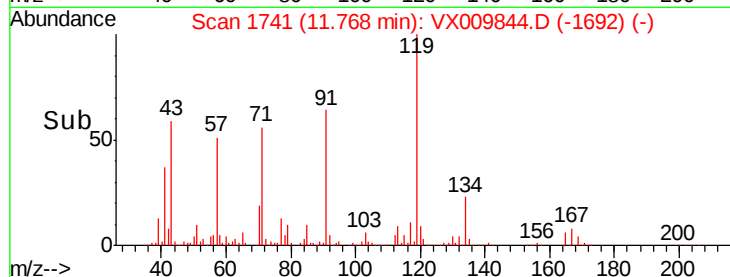
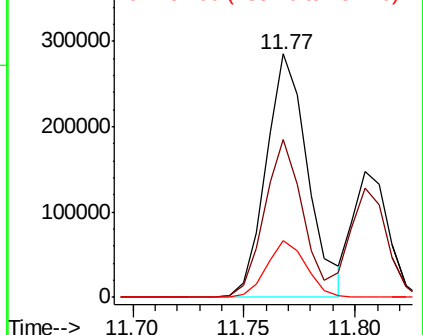
134 22.0 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 164.822 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009844.D

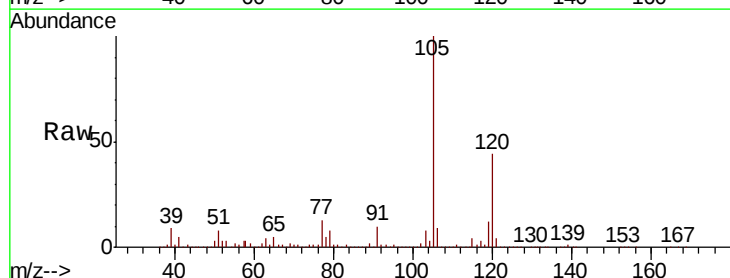
Acq: 23 May 2019 07:54

Tgt Ion:105 Resp: 1432900

Ion Ratio Lower Upper

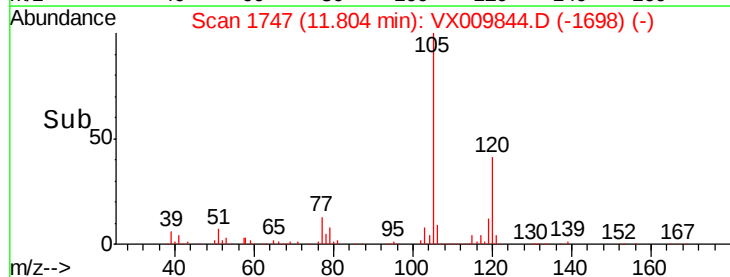
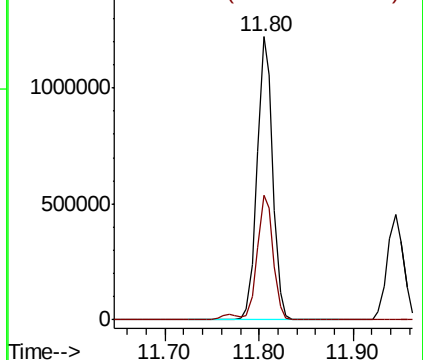
105 100

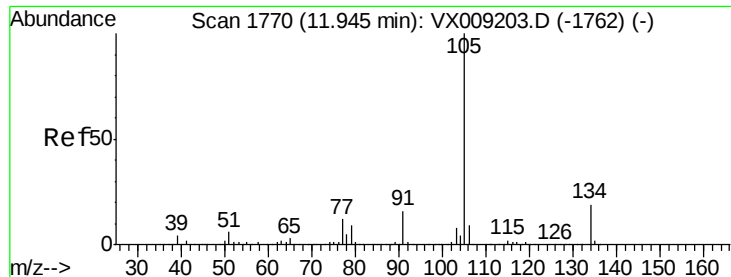
120 44.5 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.932 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

Instrument :

MSVOA_X

ClientSampleId :

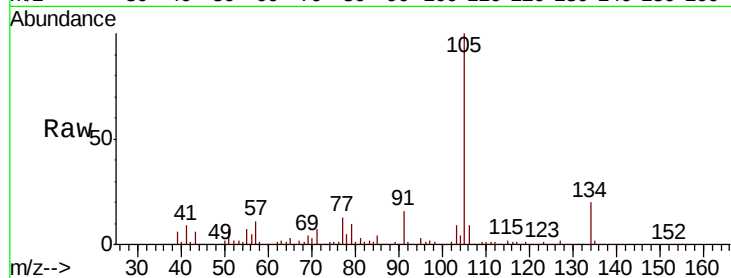
EP1-SB-MW-ER(14-17)MSD

Tot Ion:105 Resp: 548717

Ion Ratio Lower Upper

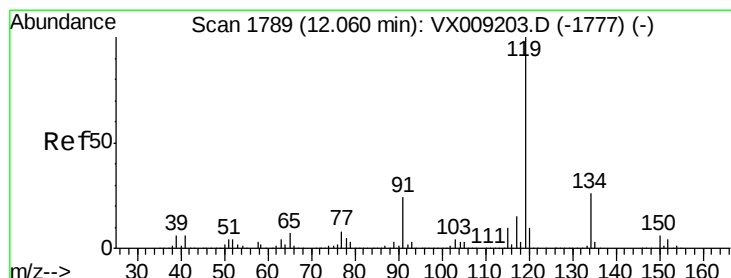
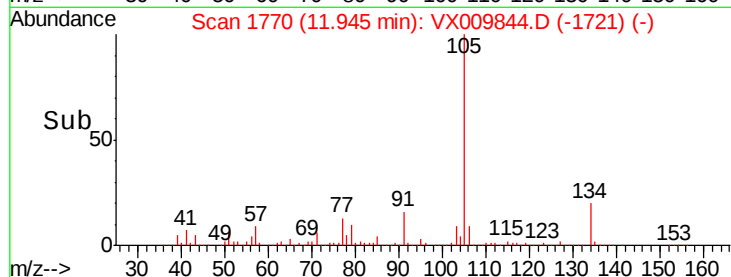
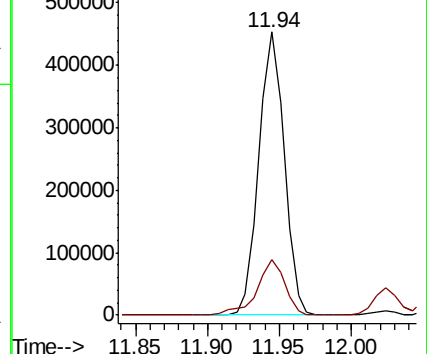
105 100

134 21.7 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.860 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009844.D

Acq: 23 May 2019 07:54

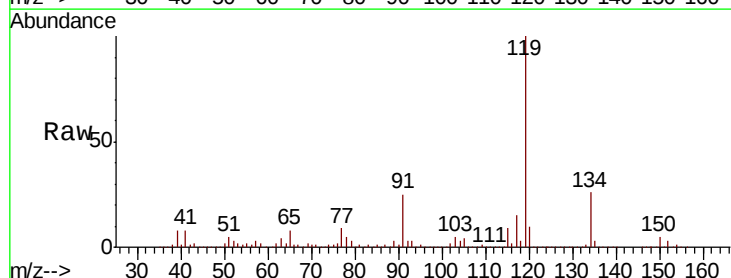
Tgt Ion:119 Resp: 510613

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

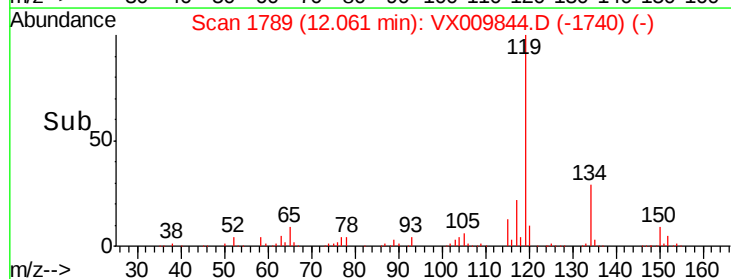
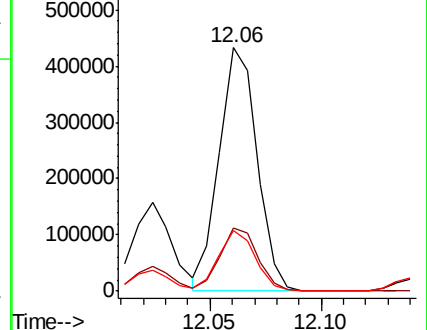
91 24.0 11.8 35.4

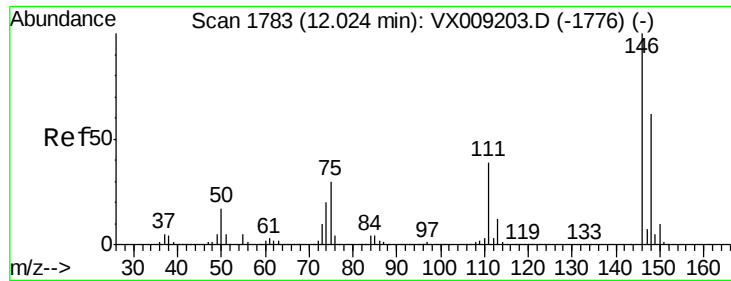


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

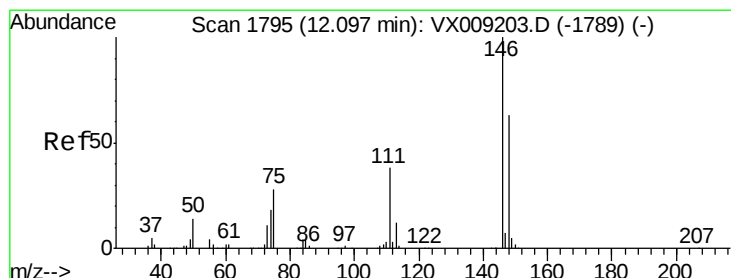
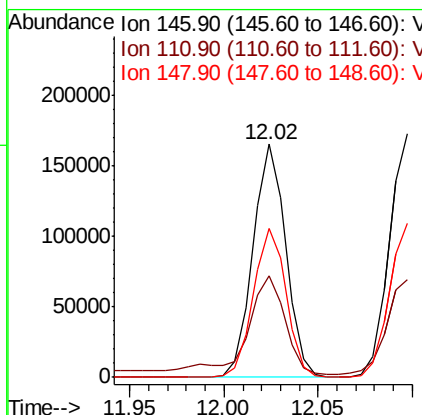
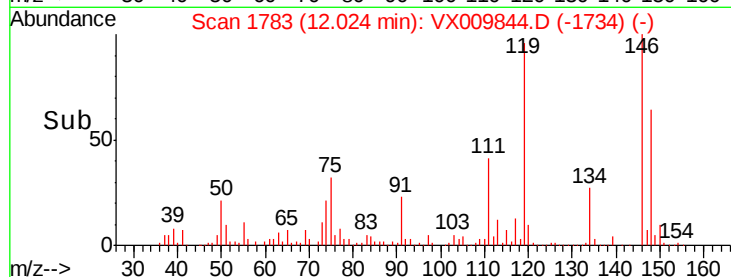
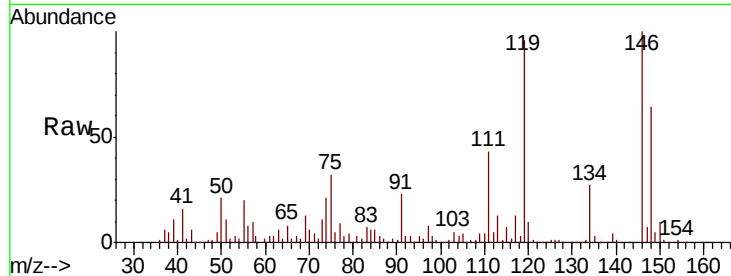




#87
 1,3-Dichlorobenzene
 Concen: 43.873 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

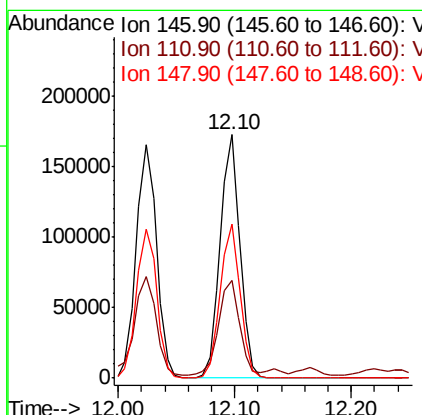
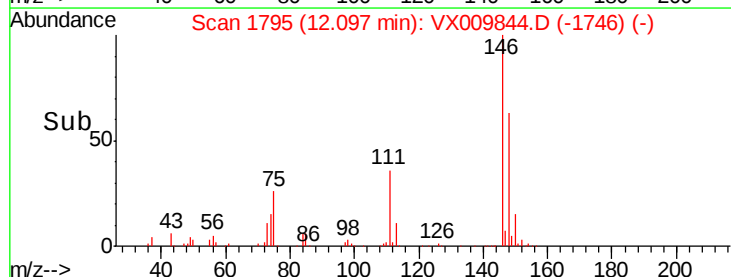
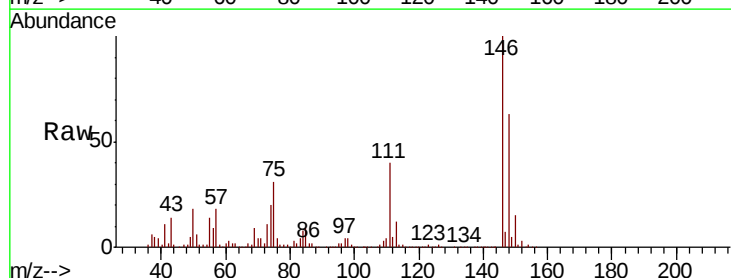
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MSD

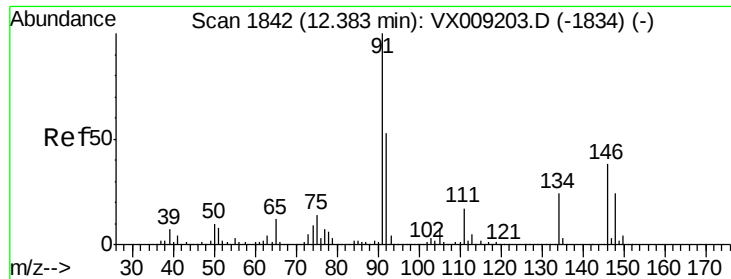
Tot Ion:146 Resp: 199682
 Ion Ratio Lower Upper
 146 100
 111 49.2 20.0 59.9
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 43.913 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Tgt Ion:146 Resp: 201503
 Ion Ratio Lower Upper
 146 100
 111 41.9 19.6 58.8
 148 63.6 31.8 95.3

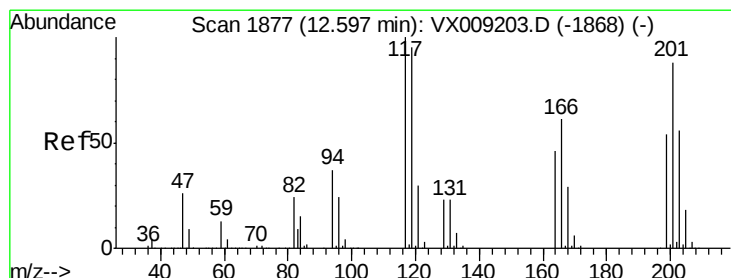
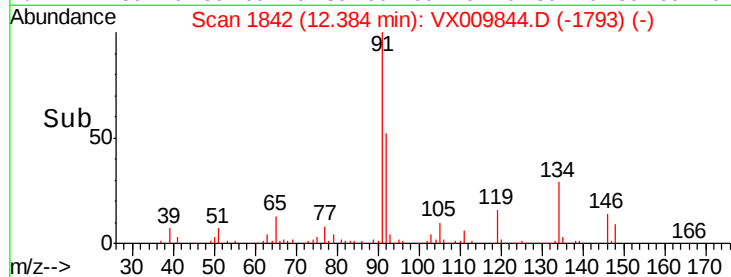
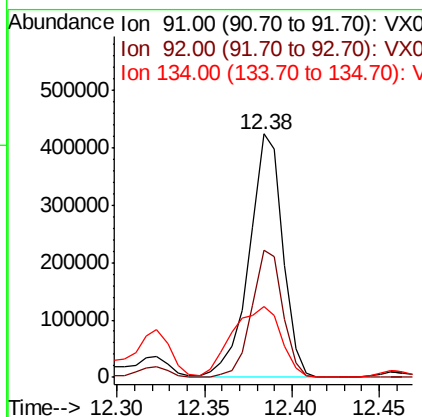
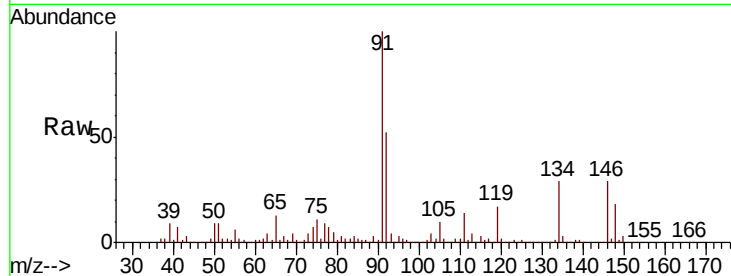




#89
n-Butylbenzene
Concen: 69.299 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

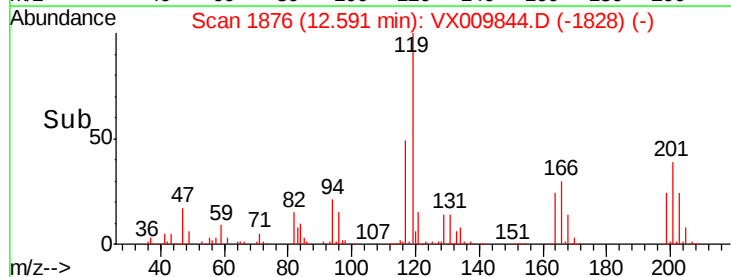
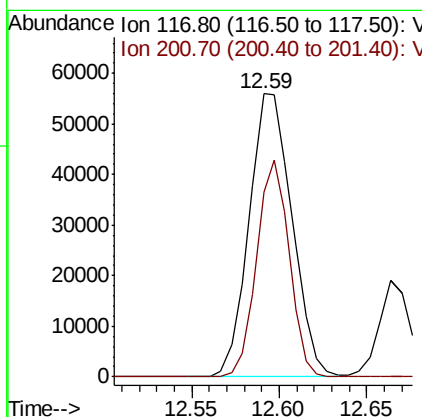
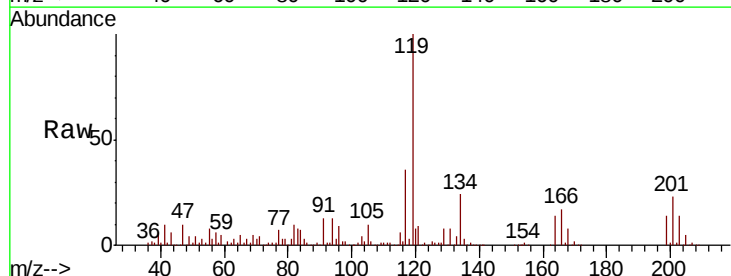
Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

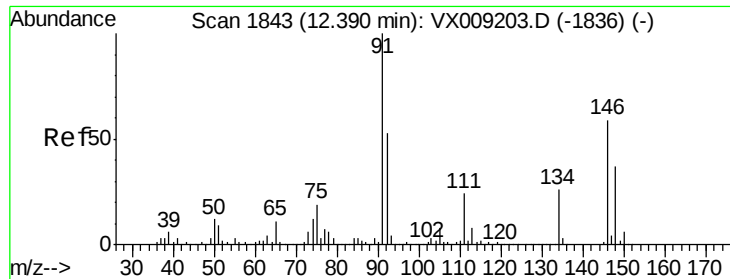
Tot Ion: 91 Resp: 562470
Ion Ratio Lower Upper
91 100
92 48.5 26.5 79.5
134 42.5 12.4 37.2#



#90
Hexachloroethane
Concen: 62.535 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion: 117 Resp: 95673
Ion Ratio Lower Upper
117 100
201 57.7 42.3 126.9

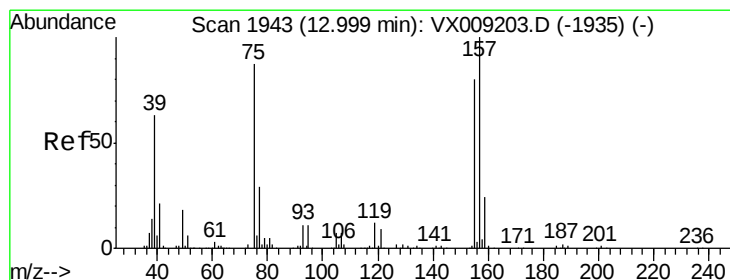
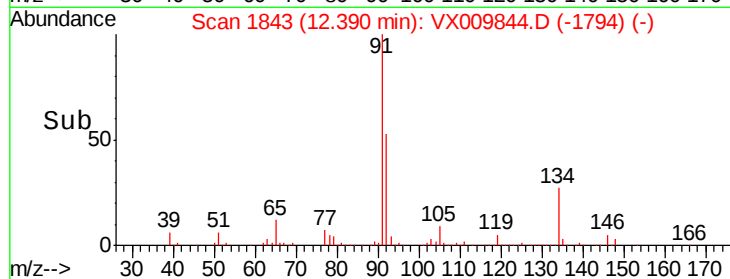
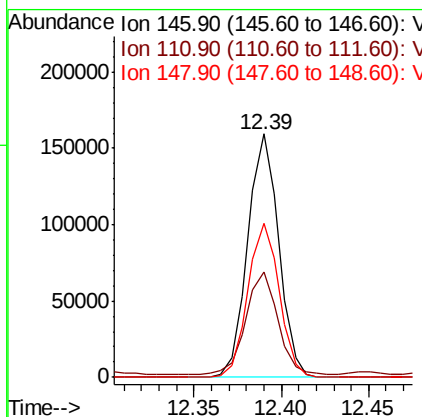
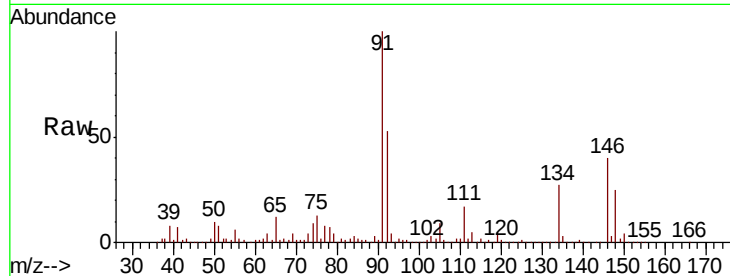




#91
 1,2-Dichlorobenzene
 Concen: 42.355 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

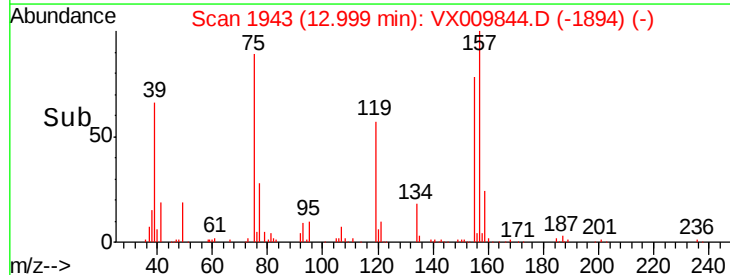
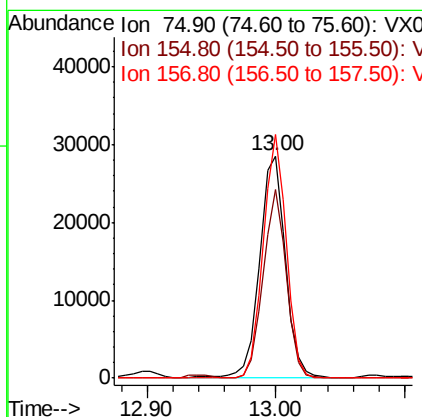
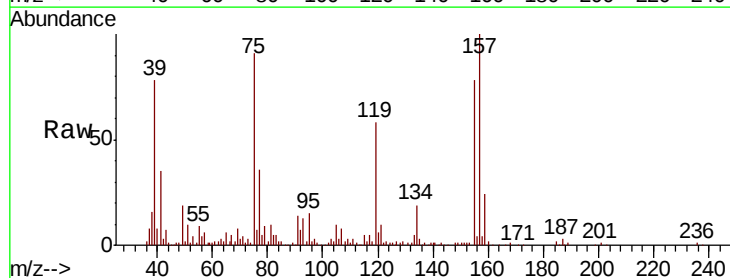
Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MSD

Tot Ion:146 Resp: 196349
 Ion Ratio Lower Upper
 146 100
 111 44.4 20.8 62.4
 148 64.0 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.976 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Tgt Ion: 75 Resp: 39549
 Ion Ratio Lower Upper
 75 100
 155 75.5 42.0 126.0
 157 97.3 53.2 159.6

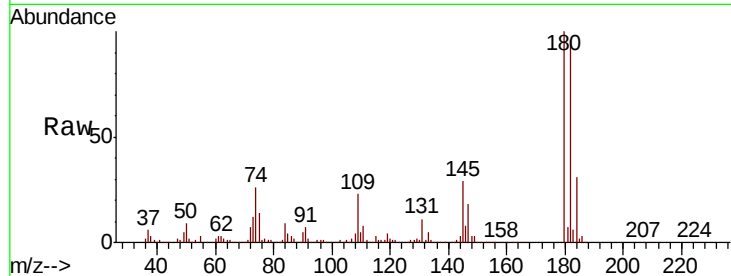




#93
 1,2,4-Trichlorobenzene
 Concen: 45.723 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.4	145.2
145	31.6	14.6	43.8

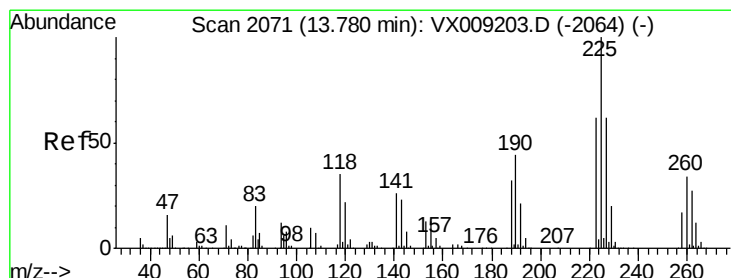
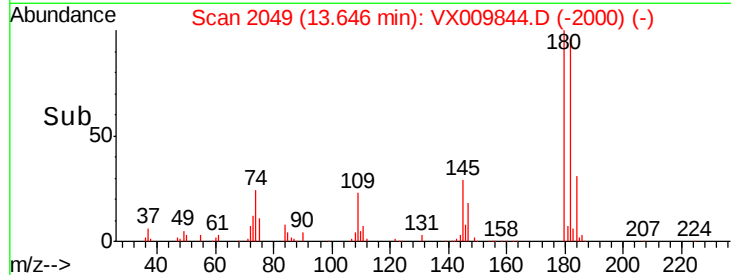
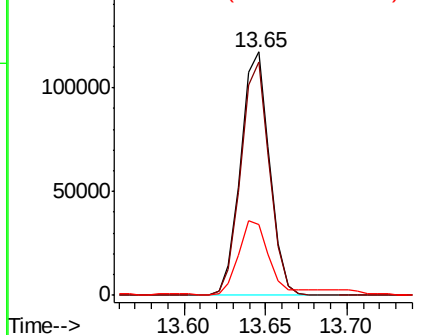


Abundance

Ion 179.80 (179.50 to 180.50): V

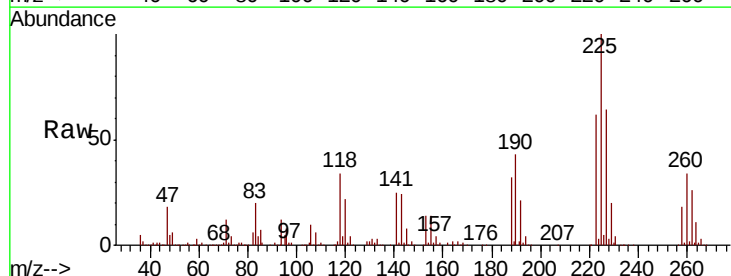
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 44.798 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009844.D
 Acq: 23 May 2019 07:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.3	93.8
227	63.8	31.8	95.3

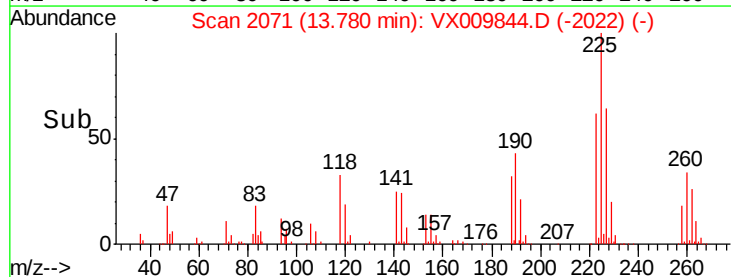
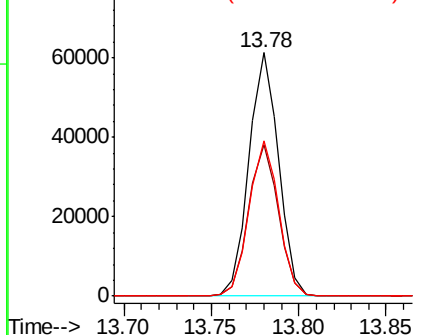


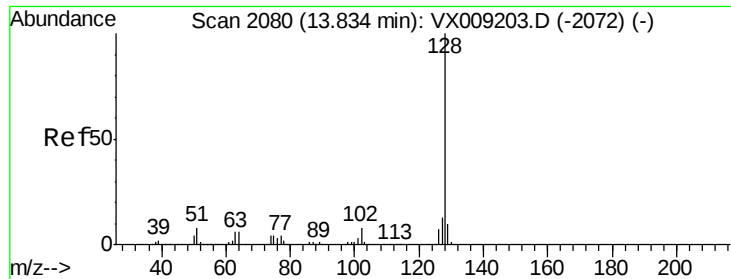
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

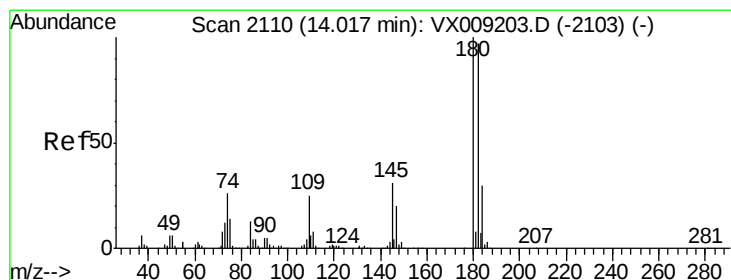
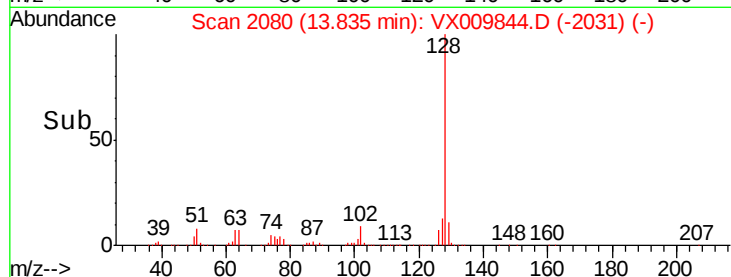
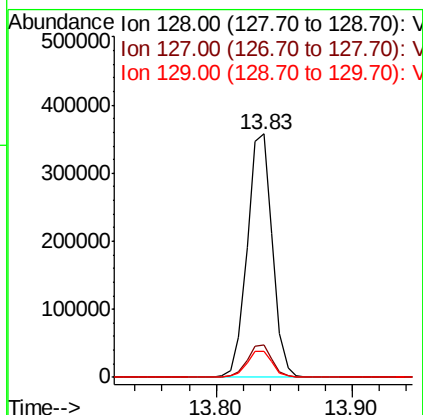
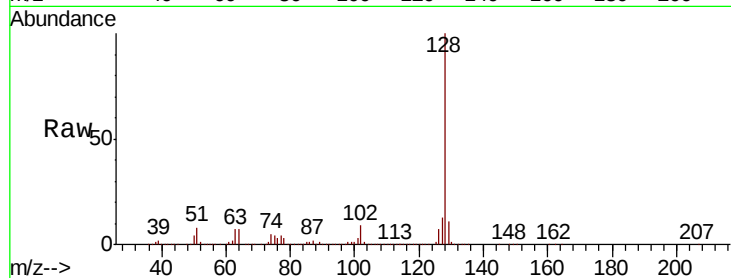




#95
Naphthalene
Concen: 44.710 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-ER(14-17)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 44.558 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009844.D
Acq: 23 May 2019 07:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.4
145	32.2	15.4	46.4

