

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007474.D
 Acq On : 11 Feb 2019 17:59
 Operator : JC/SP
 Sample : K1433-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MSD

Quant Time: Feb 12 00:06:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	506716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	753548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	685974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	353339	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	257042	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
35) Dibromofluoromethane	5.51	113	238576	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	870285	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	327201	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	289167	46.452	ug/l	98
3) Chloromethane	1.33	50	243078	42.590	ug/l	98
4) Vinyl Chloride	1.41	62	276744	49.426	ug/l	100
5) Bromomethane	1.64	94	197294	35.494	ug/l	100
6) Chloroethane	1.72	64	191969	53.000	ug/l	98
7) Trichlorofluoromethane	1.93	101	440829	50.329	ug/l	99
8) Diethyl Ether	2.19	74	164341	49.849	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	247720	47.546	ug/l	99
10) Methyl Iodide	2.51	142	295071	38.499	ug/l	99
11) Tert butyl alcohol	3.07	59	363368	326.459	ug/l	99
12) 1,1-Dichloroethene	2.38	96	232485	48.053	ug/l	99
13) Acrolein	2.29	56	133902	256.545	ug/l	97
14) Allyl chloride	2.73	41	406261	51.536	ug/l	99
15) Acrylonitrile	3.15	53	726504	263.849	ug/l	99
16) Acetone	2.45	43	629298	255.429	ug/l	99
17) Carbon Disulfide	2.57	76	609478	48.253	ug/l	99
18) Methyl Acetate	2.78	43	345950	53.847	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1710735	109.144	ug/l	99
20) Methylene Chloride	2.86	84	258620	51.403	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	243191	47.187	ug/l	98
22) Diisopropyl ether	3.87	45	733923	50.614	ug/l	97
23) Vinyl Acetate	3.82	43	2849237	236.789	ug/l	100
24) 1,1-Dichloroethane	3.70	63	404564	48.583	ug/l	99
25) 2-Butanone	4.70	43	896903	255.810	ug/l	99
26) 2,2-Dichloropropane	4.59	77	283967	44.778	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	271411	48.215	ug/l	98
28) Bromochloromethane	5.02	49	183069	47.806	ug/l	100
29) Tetrahydrofuran	5.15	42	587879	266.598	ug/l	99
30) Chloroform	5.21	83	442015	50.868	ug/l	98
31) Cyclohexane	5.58	56	607773	81.264	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	373994	50.989	ug/l	99
36) 1,1-Dichloropropene	5.80	75	305215	45.143	ug/l	99
37) Ethyl Acetate	4.85	43	316625	46.326	ug/l	99
38) Carbon Tetrachloride	5.78	117	332064	50.624	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007474.D
 Acq On : 11 Feb 2019 17:59
 Operator : JC/SP
 Sample : K1433-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MSD

Quant Time: Feb 12 00:06:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	965740	118.057	ug/l	96
40) Benzene	6.14	78	989643	49.690	ug/l	98
41) Methacrylonitrile	5.06	41	193408	52.800	ug/l	99
42) 1,2-Dichloroethane	6.20	62	325505	47.237	ug/l	93
43) Isopropyl Acetate	6.46	43	562808	53.350	ug/l	98
44) Trichloroethene	7.21	130	275789	45.978	ug/l	97
45) 1,2-Dichloropropane	7.52	63	253505	50.802	ug/l	96
46) Dibromomethane	7.66	93	173984	47.972	ug/l	94
47) Bromodichloromethane	7.90	83	313384	50.985	ug/l	98
48) Methyl methacrylate	7.77	41	276792	52.455	ug/l	99
49) 1,4-Dioxane	7.75	88	108104	901.523	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1836715	264.476	ug/l	100
52) Toluene	8.79	92	633580	49.307	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	350799	53.132	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	375170	51.672	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	252041	47.055	ug/l	99
56) Ethyl methacrylate	9.18	69	429662	57.917	ug/l	92
57) 1,3-Dichloropropane	9.37	76	414095	48.613	ug/l	99
59) 2-Hexanone	9.49	43	1367697	253.083	ug/l	100
60) Dibromochloromethane	9.59	129	278019	54.881	ug/l	99
61) 1,2-Dibromoethane	9.67	107	281368	49.603	ug/l	97
64) Tetrachloroethene	9.34	164	253083	39.144	ug/l	98
65) Chlorobenzene	10.14	112	712869	47.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	263726	52.548	ug/l	99
67) Ethyl Benzene	10.25	91	1379521	57.227	ug/l	99
68) m/p-Xylenes	10.36	106	1017001	106.131	ug/l	99
69) o-Xylene	10.70	106	462636	50.173	ug/l	99
70) Styrene	10.71	104	747700	50.000	ug/l	100
71) Bromoform	10.86	173	218026	49.569	ug/l	100
73) Isopropylbenzene	11.02	105	5762893	240.008	ug/l	98
74) N-amyl acetate	10.90	43	464075	49.969	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	385677	52.705	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	437239	63.618	ug/l	77
77) Bromobenzene	11.26	156	330800	48.896	ug/l	98
78) n-propylbenzene	11.36	91	4784933	181.730	ug/l	99
79) 2-Chlorotoluene	11.42	91	801205	50.149	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1069856	54.462	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	108553	48.919	ug/l	97
82) 4-Chlorotoluene	11.51	91	940225	50.860	ug/l	99
83) tert-Butylbenzene	11.77	119	1165586	59.931	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1173812	58.857	ug/l	100
85) sec-Butylbenzene	11.94	105	1558187	66.195	ug/l	91
86) p-Isopropyltoluene	12.06	119	1111054	52.288	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	579795	47.753	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	578595	46.971	ug/l	100
89) n-Butylbenzene	12.39	91	1119629	61.252	ug/l	91
90) Hexachloroethane	12.70	117	415056	130.514	ug/l #	5
91) 1,2-Dichlorobenzene	12.39	146	584095	48.340	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	89522	58.835	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	419004	51.420	ug/l #	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
Data File : VX007474.D
Acq On : 11 Feb 2019 17:59
Operator : JC/SP
Sample : K1433-06MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MSD

Quant Time: Feb 12 00:06:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

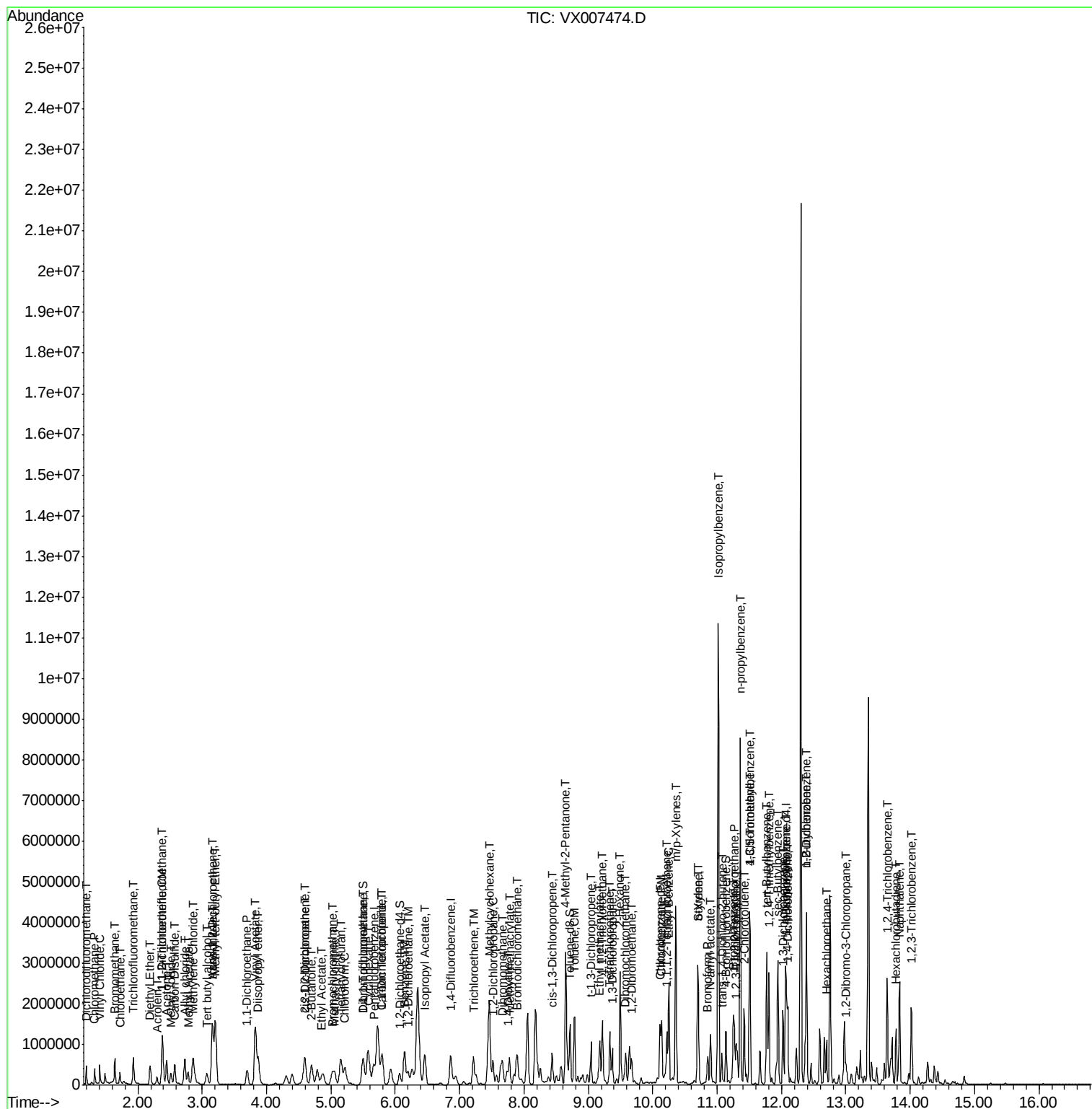
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	198943	50.279	ug/l	99
95) Naphthalene	13.83	128	1548755	64.994	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	409038	49.868	ug/l	97

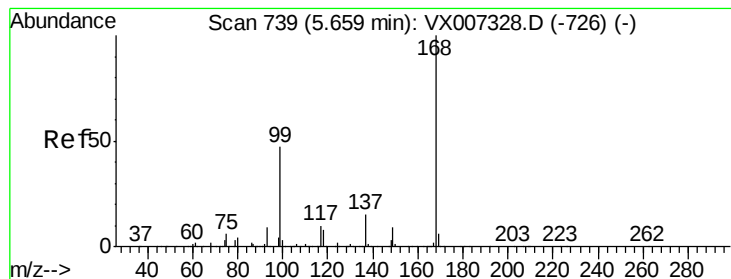
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021119\
Data File : VX007474.D
Acq On : 11 Feb 2019 17:59
Operator : JC/SP
Sample : K1433-06MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MSD

Quant Time: Feb 12 00:06:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

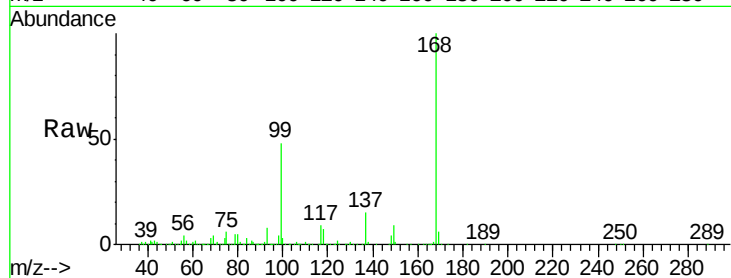
KY001MW020-190207MSD

Tot Ion:168 Resp: 506716

Ion Ratio Lower Upper

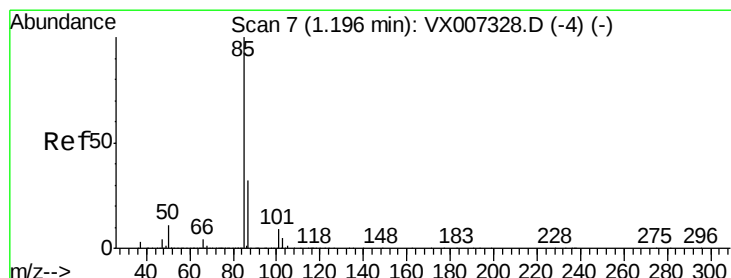
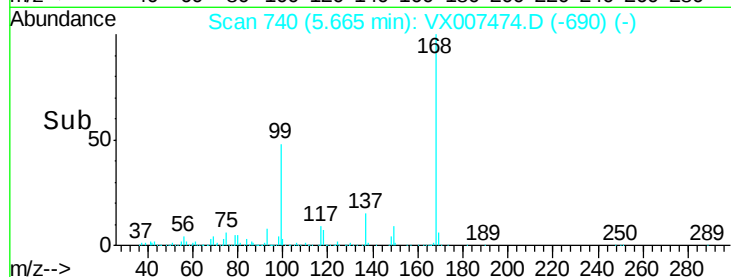
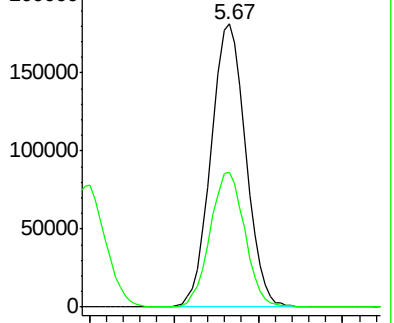
168 100

99 47.7 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.452 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007474.D

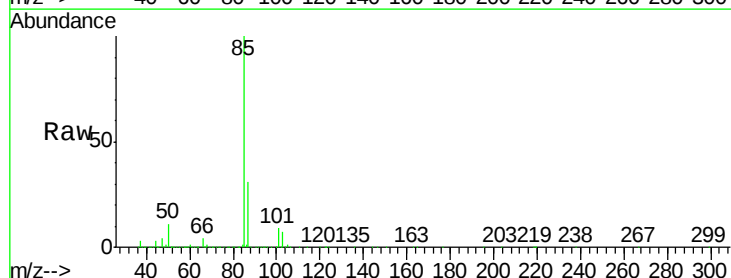
Acq: 11 Feb 2019 17:59

Tgt Ion: 85 Resp: 289167

Ion Ratio Lower Upper

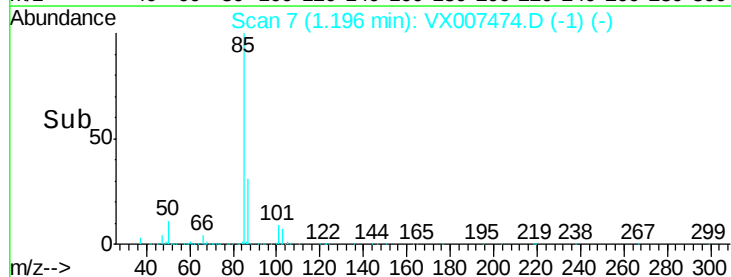
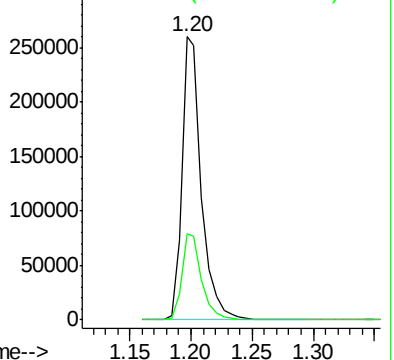
85 100

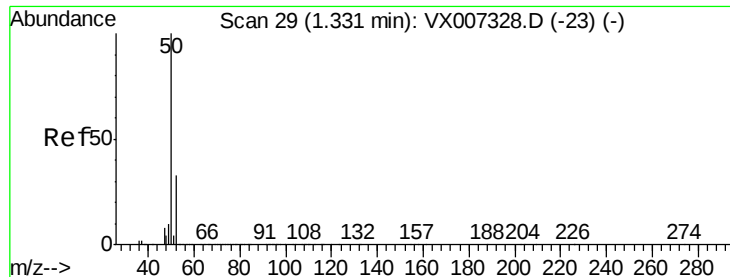
87 30.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.590 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

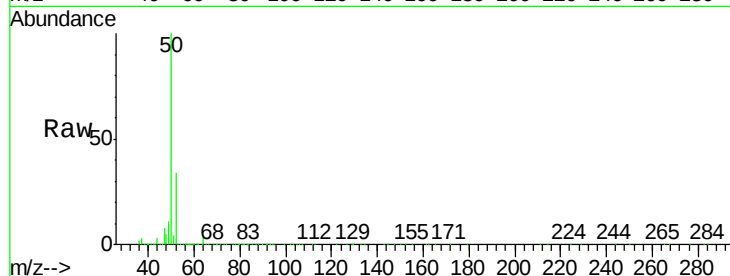
KY001MW020-190207MSD

Tot Ion: 50 Resp: 243078

Ion Ratio Lower Upper

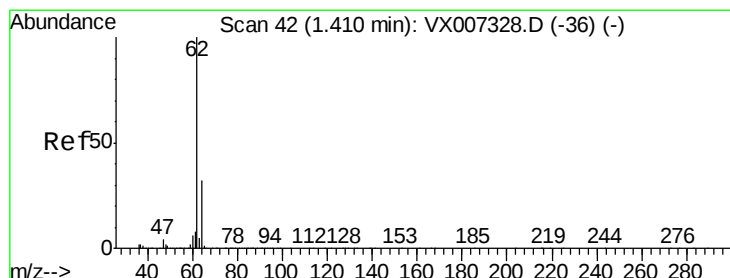
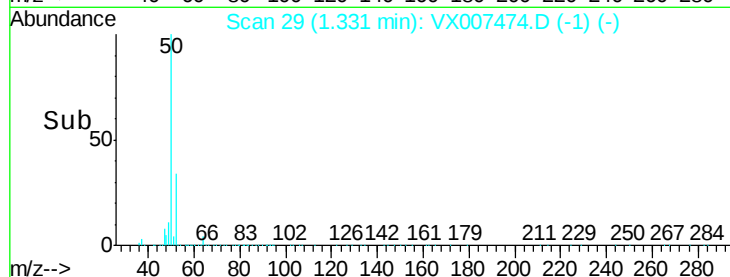
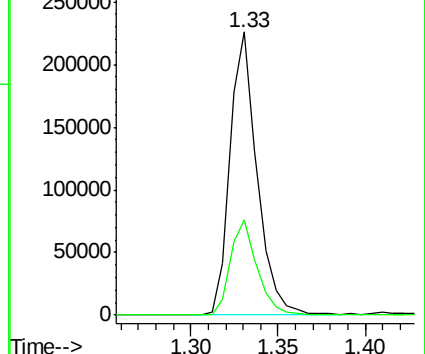
50 100

52 33.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.426 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007474.D

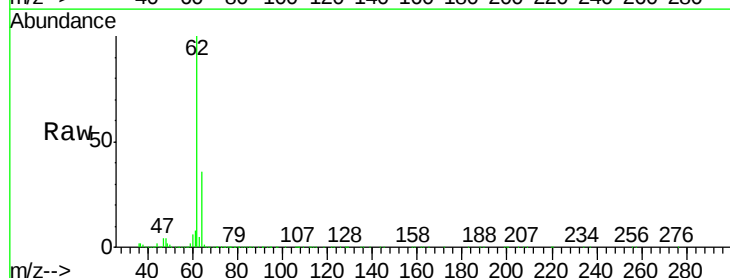
Acq: 11 Feb 2019 17:59

Tgt Ion: 62 Resp: 276744

Ion Ratio Lower Upper

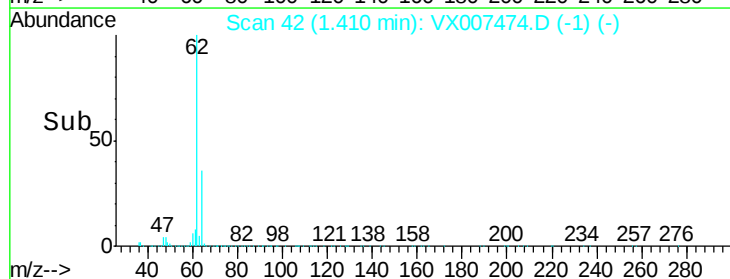
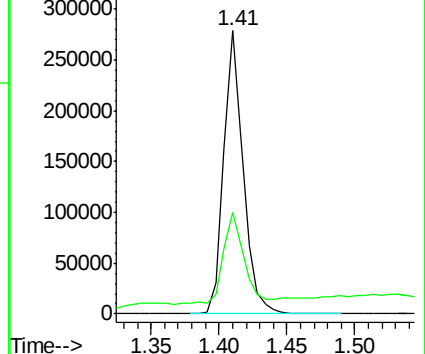
62 100

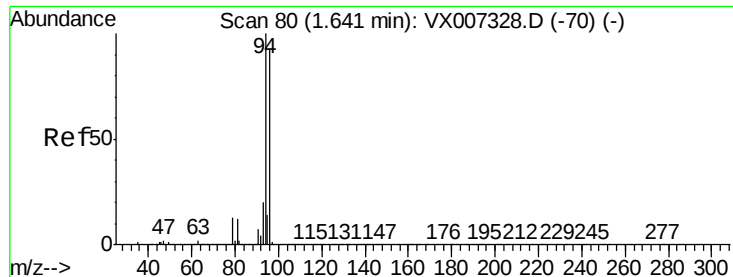
64 31.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.494 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

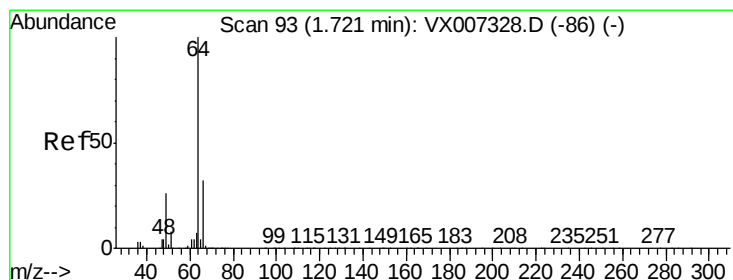
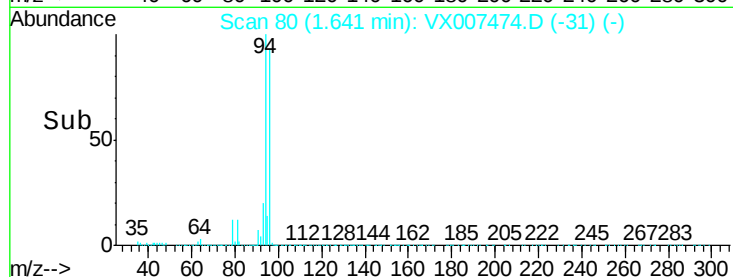
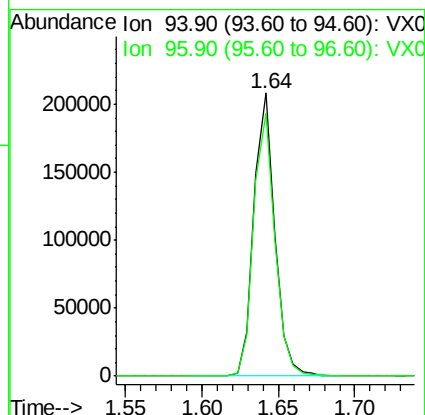
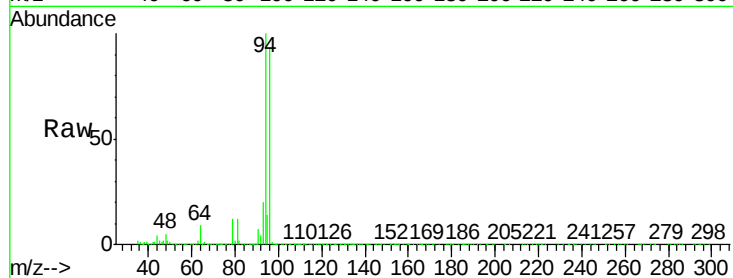
KY001MW020-190207MSD

Tot Ion: 94 Resp: 197294

Ion Ratio Lower Upper

94 100

96 92.8 73.9 110.9



#6

Chloroethane

Concen: 53.000 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007474.D

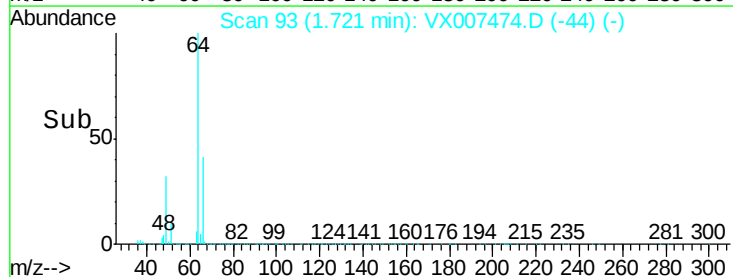
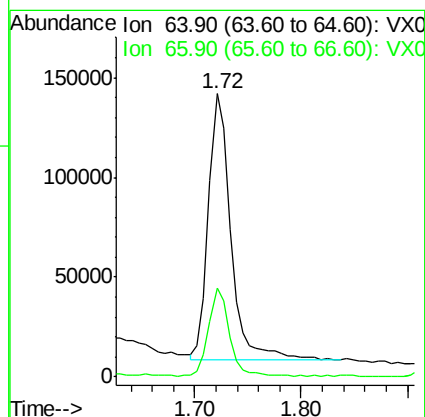
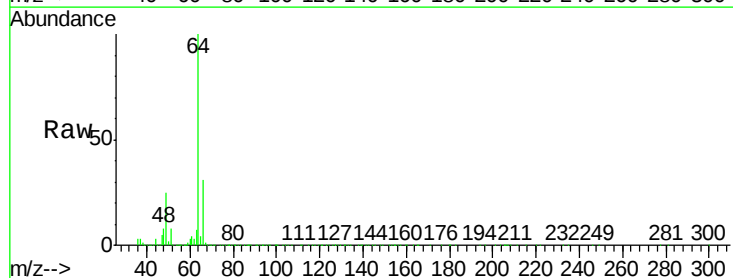
Acq: 11 Feb 2019 17:59

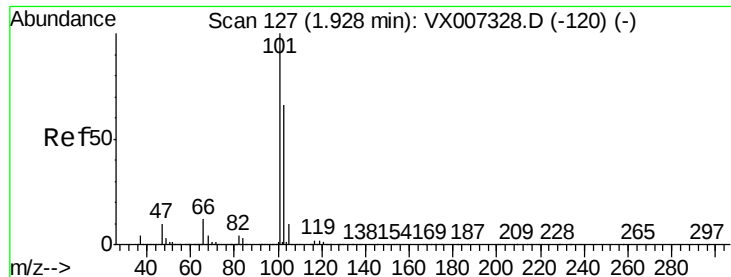
Tgt Ion: 64 Resp: 191969

Ion Ratio Lower Upper

64 100

66 32.9 25.5 38.3



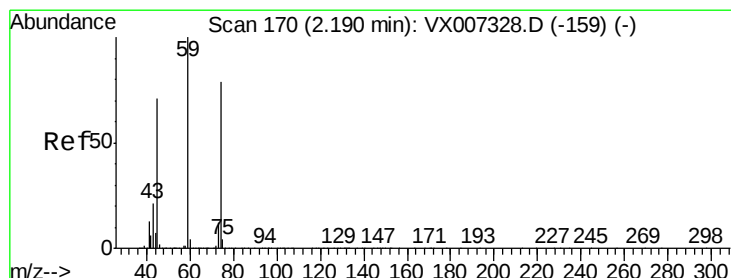
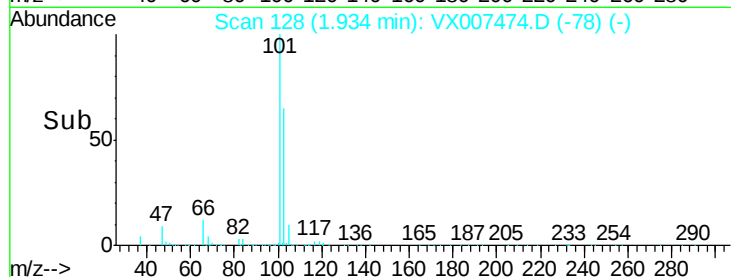
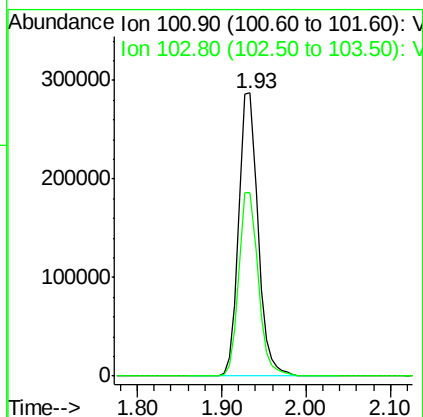
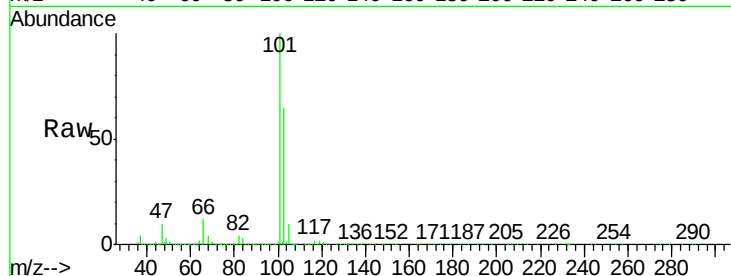


#7

Trichlorofluoromethane
 Concen: 50.329 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MSD

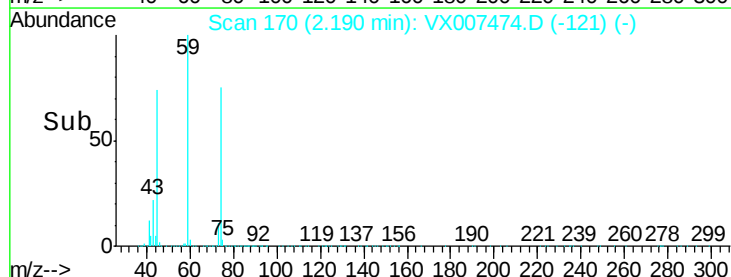
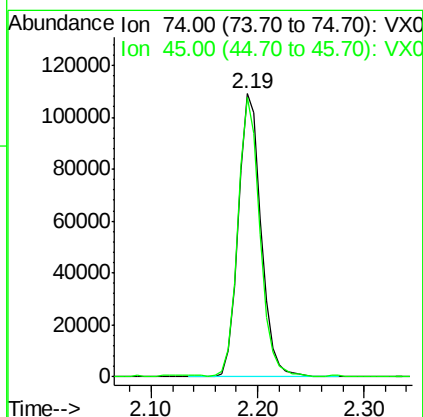
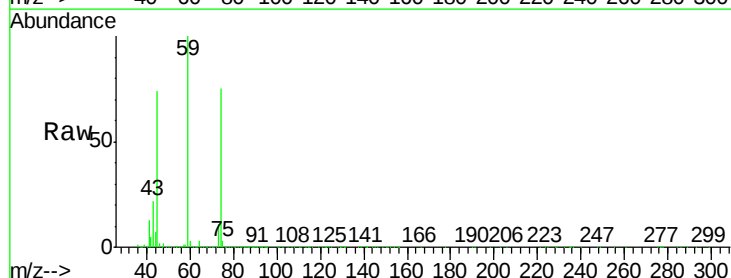
Tot Ion:101 Resp: 440829
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.6 79.0

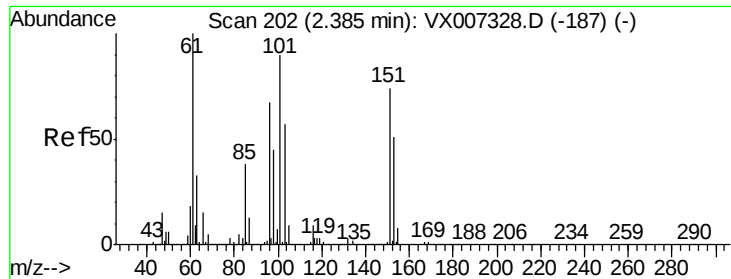


#8

Diethyl Ether
 Concen: 49.849 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Tgt Ion: 74 Resp: 164341
 Ion Ratio Lower Upper
 74 100
 45 94.8 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.546 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

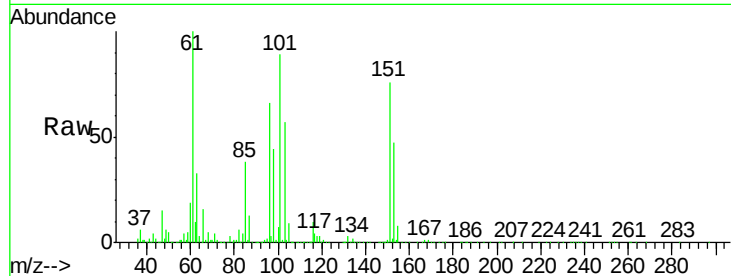
Tot Ion:101 Resp: 247720

Ion Ratio Lower Upper

101 100

85 43.7 34.1 51.1

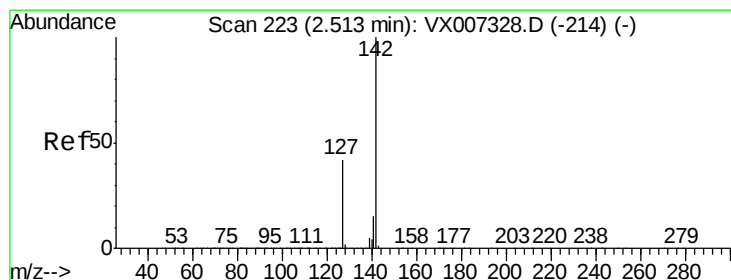
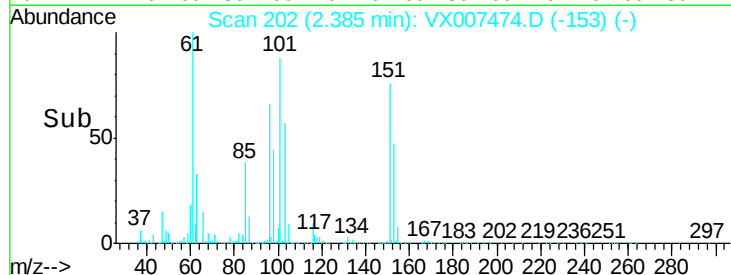
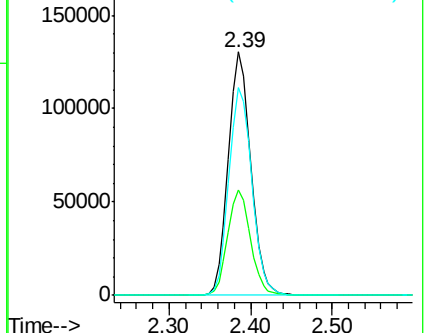
151 87.3 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.499 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

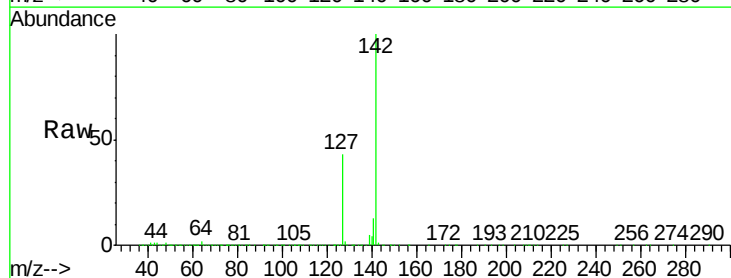
Tgt Ion:142 Resp: 295071

Ion Ratio Lower Upper

142 100

127 42.6 33.7 50.5

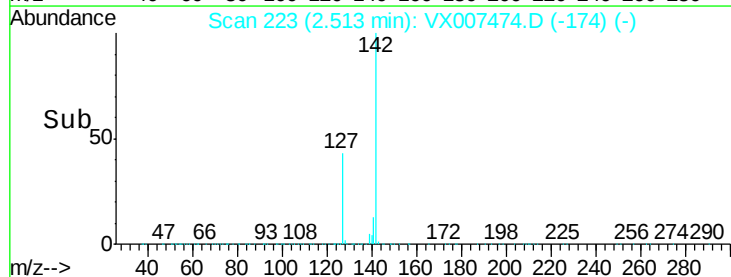
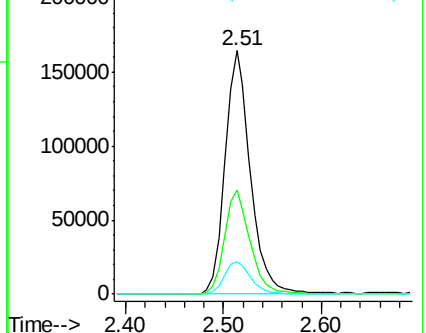
141 14.0 11.3 16.9

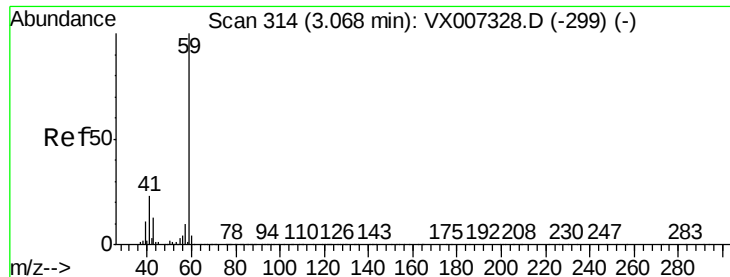


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



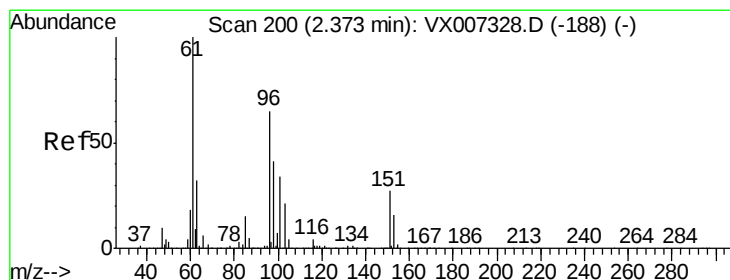
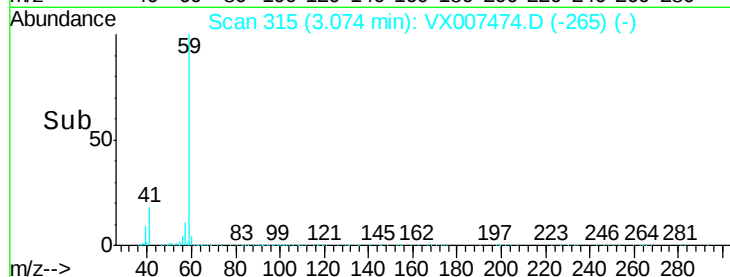
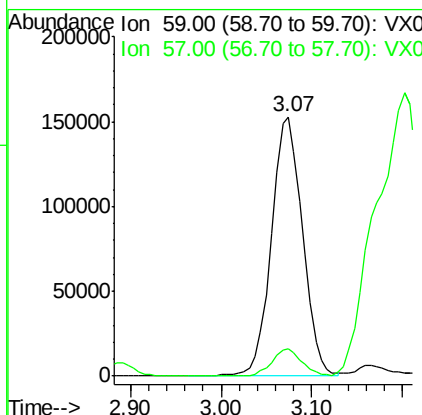
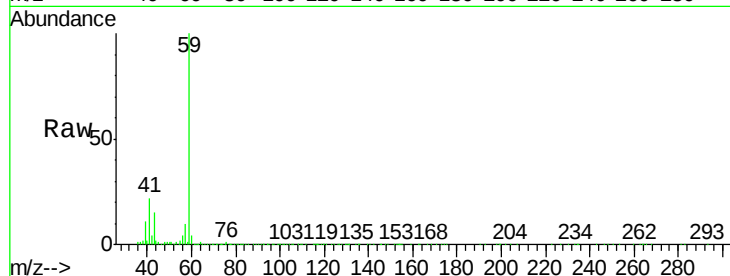


#11

Tert butyl alcohol
Concen: 326.459 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MSD

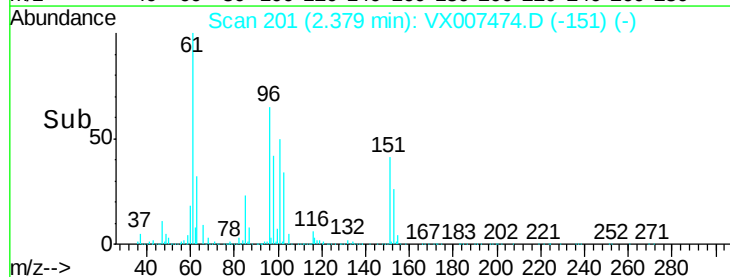
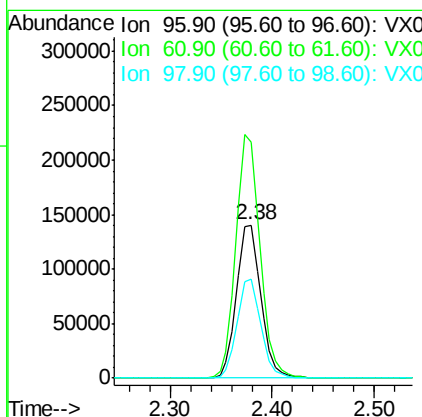
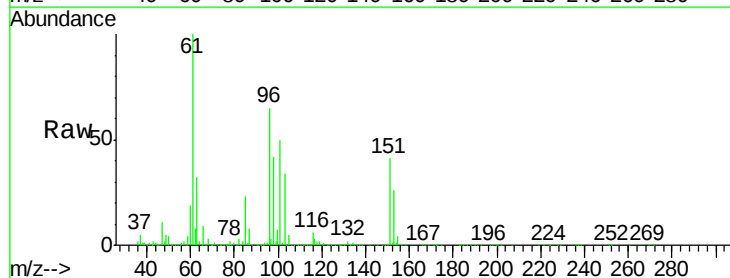
Tot Ion: 59 Resp: 363368
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

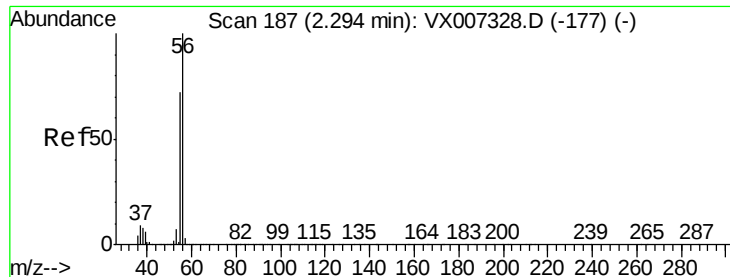


#12

1,1-Dichloroethene
Concen: 48.053 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

Tgt Ion: 96 Resp: 232485
Ion Ratio Lower Upper
96 100
61 154.3 123.0 184.4
98 64.5 50.9 76.3





#13

Acrolein

Concen: 256.545 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

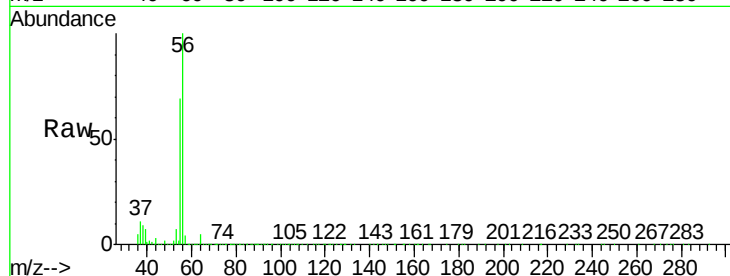
KY001MW020-190207MSD

Tot Ion: 56 Resp: 133902

Ion Ratio Lower Upper

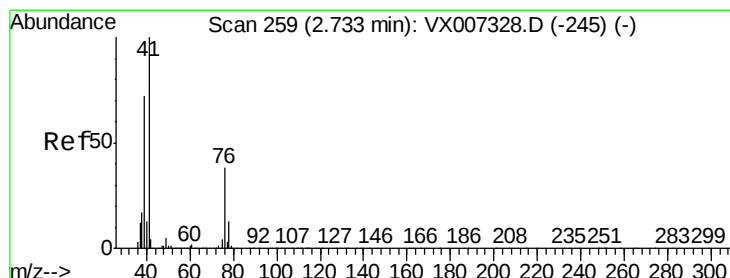
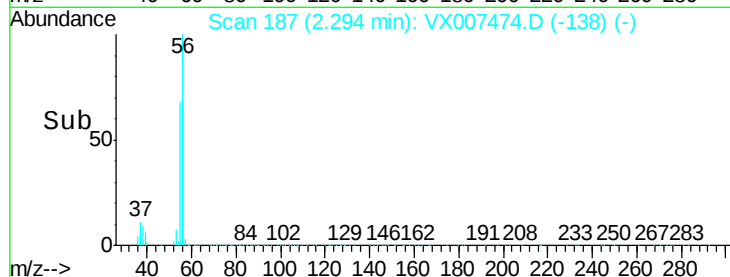
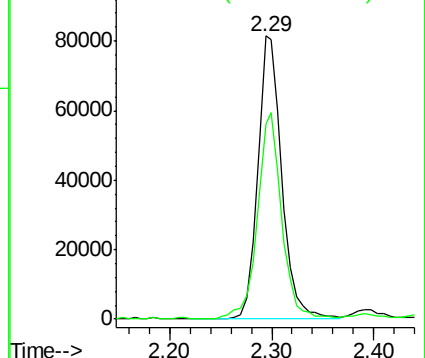
56 100

55 73.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.536 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

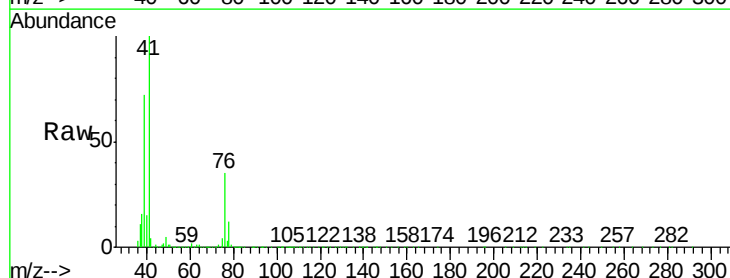
Tgt Ion: 41 Resp: 406261

Ion Ratio Lower Upper

41 100

39 68.8 54.1 81.1

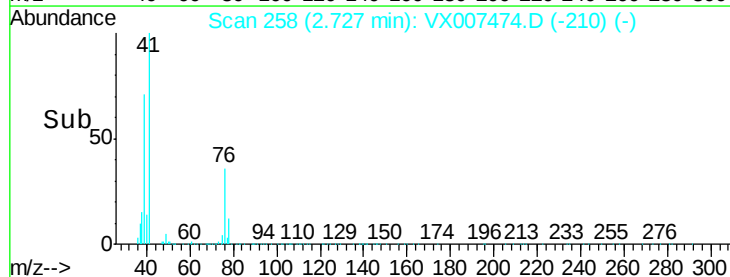
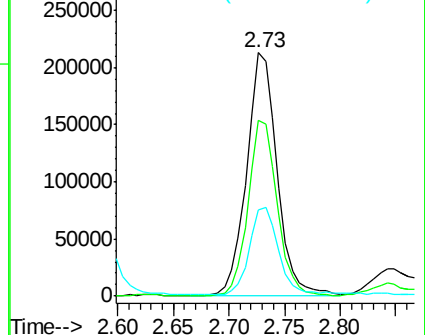
76 34.0 27.8 41.8



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: 263.849 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

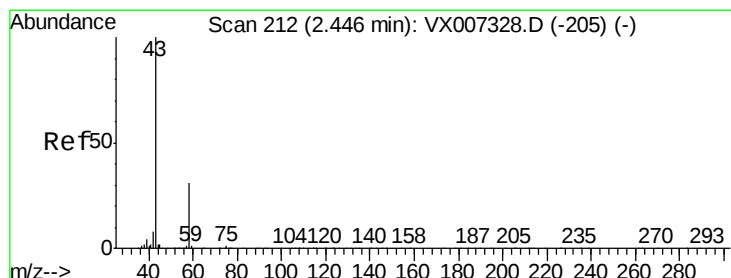
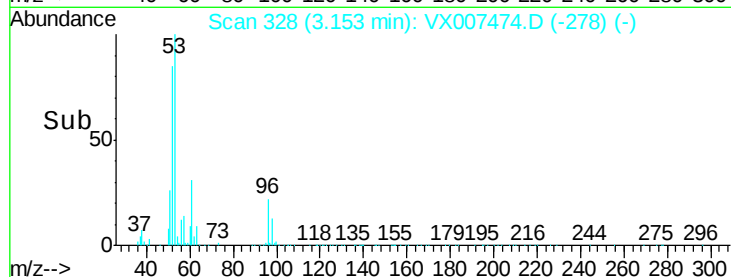
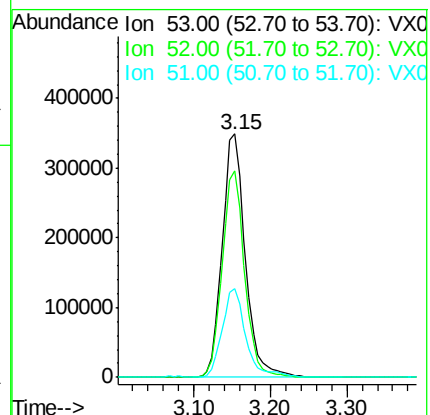
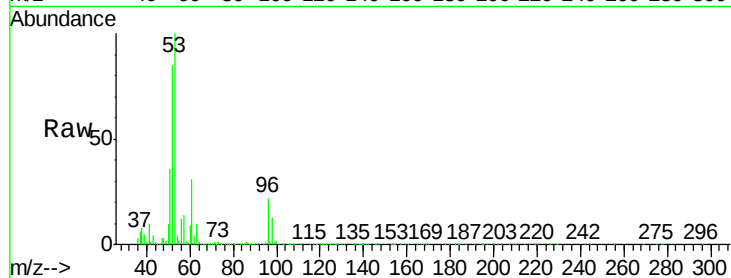
Tot Ion: 53 Resp: 726504

Ion Ratio Lower Upper

53 100

52 82.3 66.4 99.6

51 37.2 28.4 42.6



#16

Acetone

Concen: 255.429 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007474.D

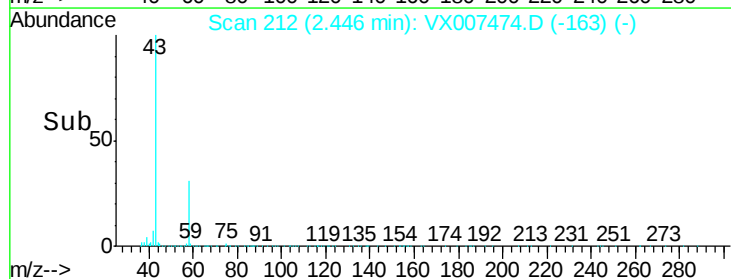
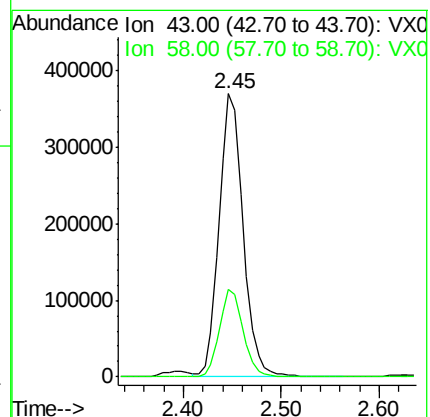
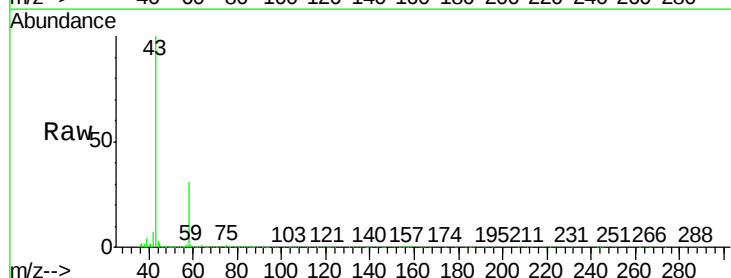
Acq: 11 Feb 2019 17:59

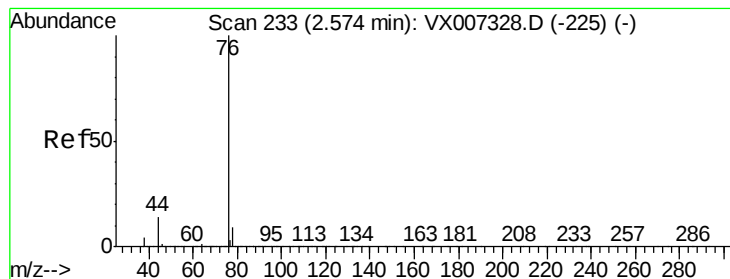
Tgt Ion: 43 Resp: 629298

Ion Ratio Lower Upper

43 100

58 30.6 24.9 37.3





#17

Carbon Disulfide

Concen: 48.253 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

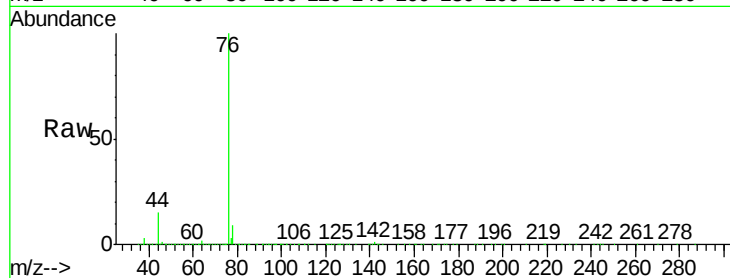
KY001MW020-190207MSD

Tot Ion: 76 Resp: 609478

Ion Ratio Lower Upper

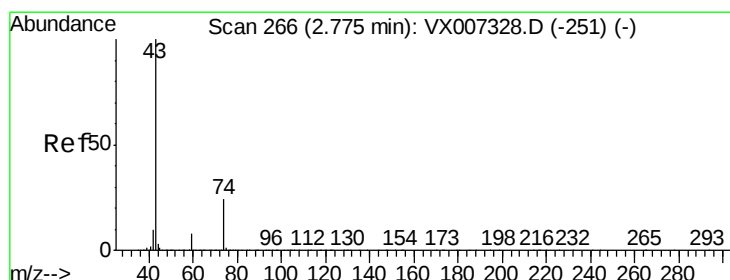
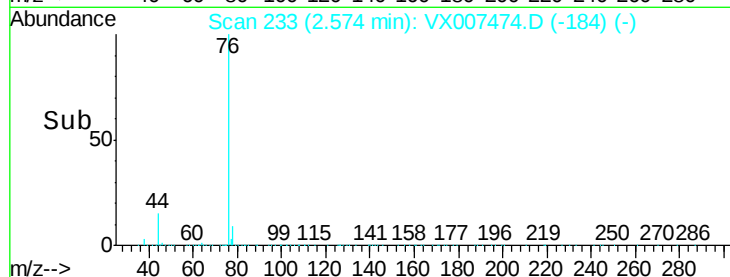
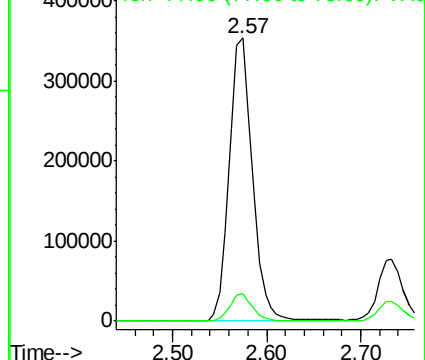
76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.847 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007474.D

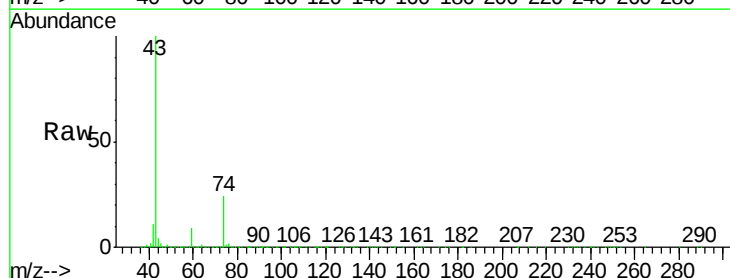
Acq: 11 Feb 2019 17:59

Tgt Ion: 43 Resp: 345950

Ion Ratio Lower Upper

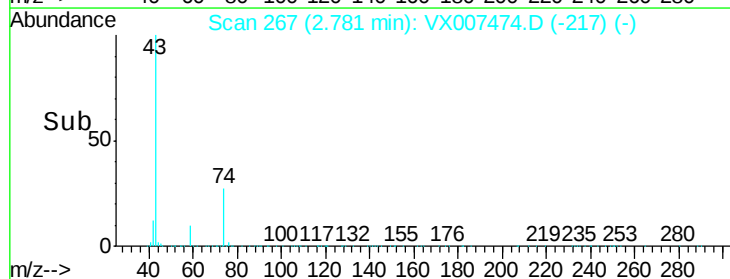
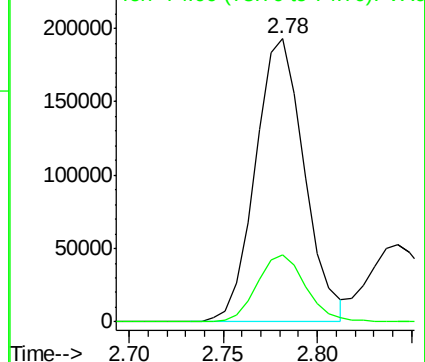
43 100

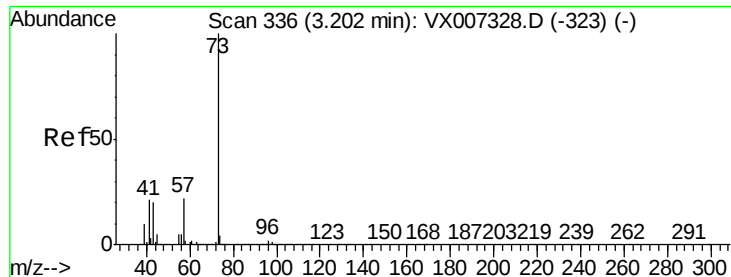
74 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether
 Concen: 109.144 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

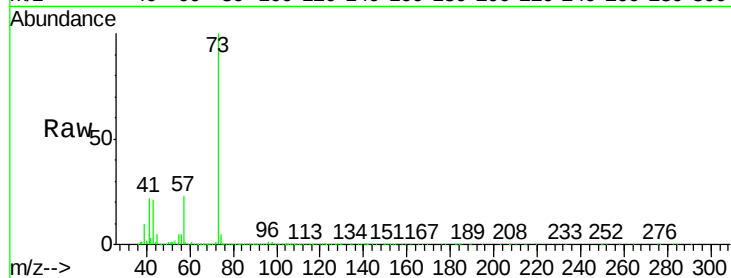
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MSD

Tot Ion: 73 Resp: 1710735

Ion Ratio Lower Upper

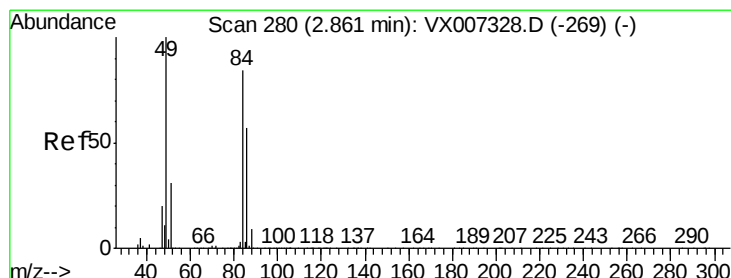
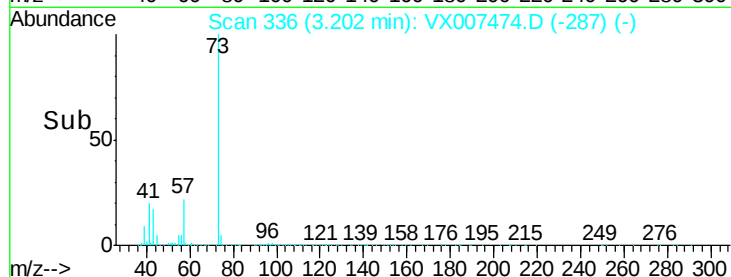
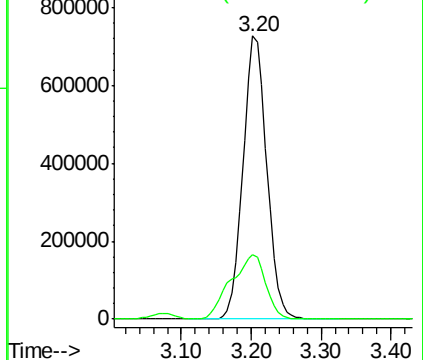
73 100

57 22.9 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride
 Concen: 51.403 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Tgt Ion: 84 Resp: 258620

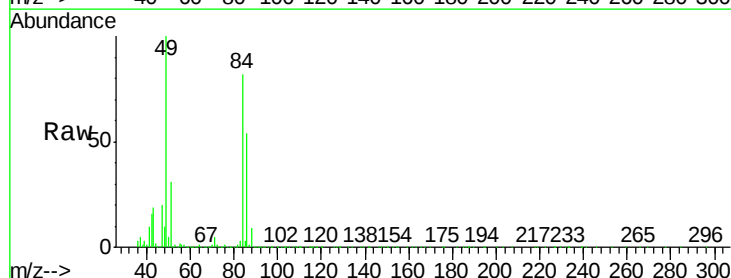
Ion Ratio Lower Upper

84 100

49 122.3 94.8 142.2

51 37.2 29.8 44.8

86 65.9 54.1 81.1

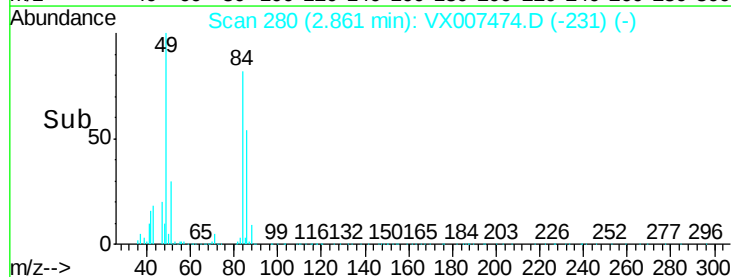
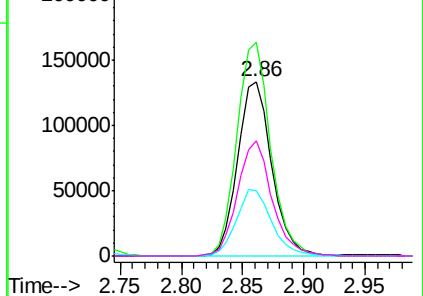


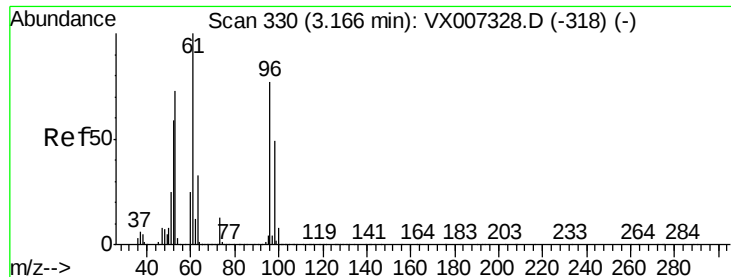
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 47.187 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

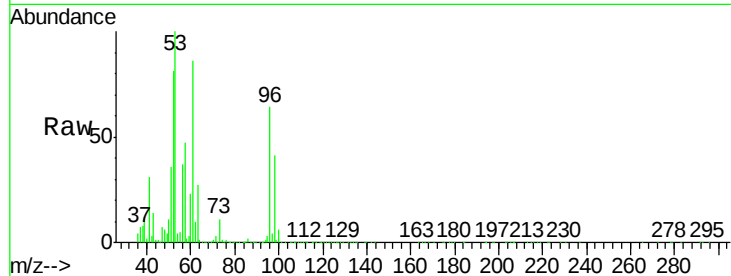
Tot Ion: 96 Resp: 243191

Ion Ratio Lower Upper

96 100

61 134.6 104.6 156.8

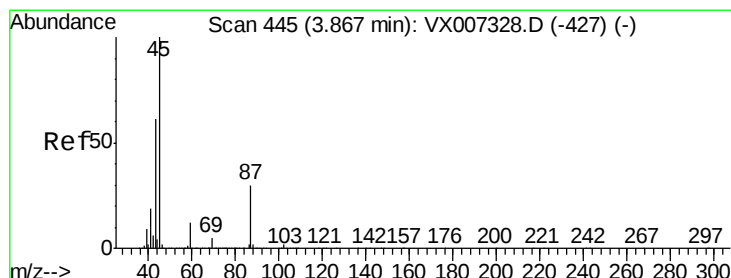
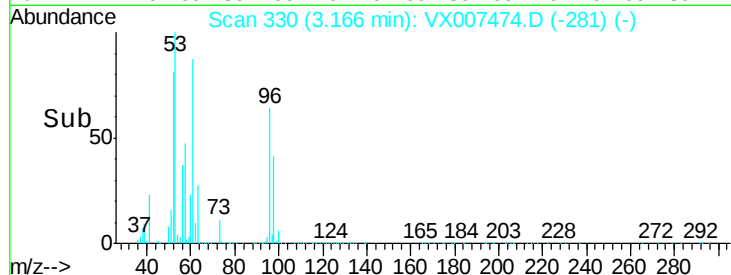
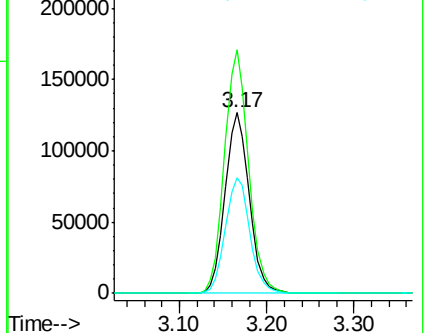
98 63.9 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.614 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Tgt Ion: 45 Resp: 733923

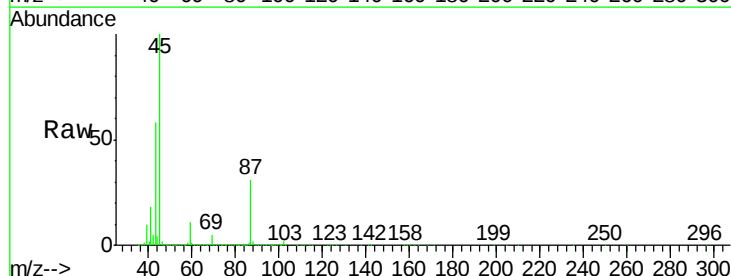
Ion Ratio Lower Upper

45 100

43 58.0 48.9 73.3

87 31.1 23.9 35.9

59 11.3 9.6 14.4

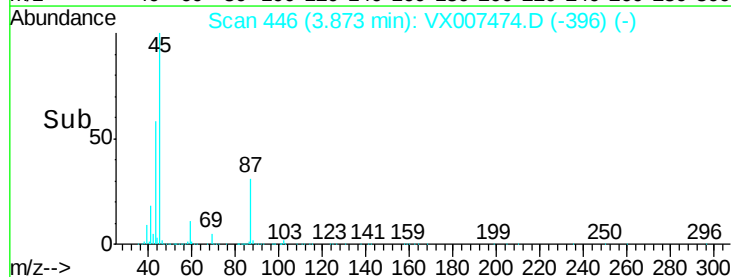
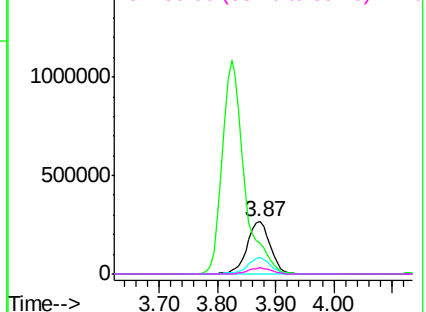


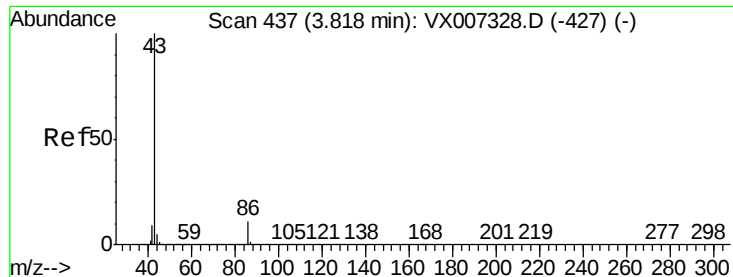
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 236.789 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

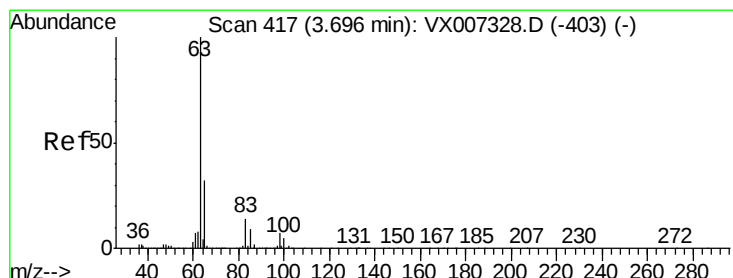
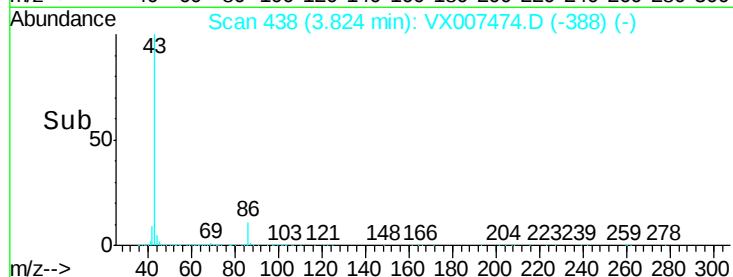
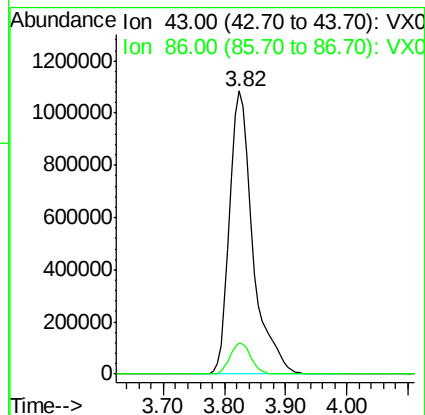
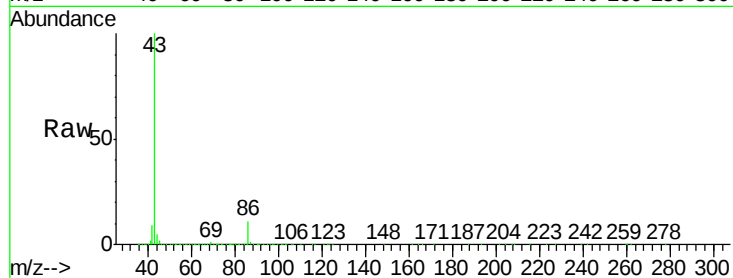
KY001MW020-190207MSD

Tot Ion: 43 Resp: 2849237

Ion Ratio Lower Upper

43 100

86 11.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 48.583 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

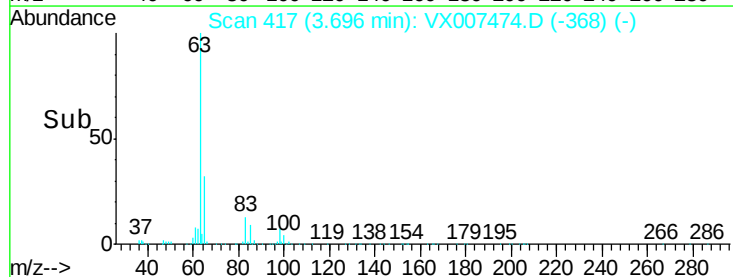
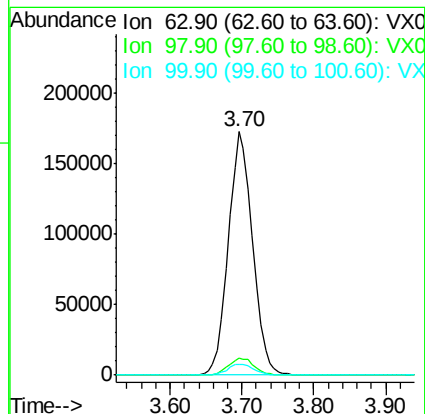
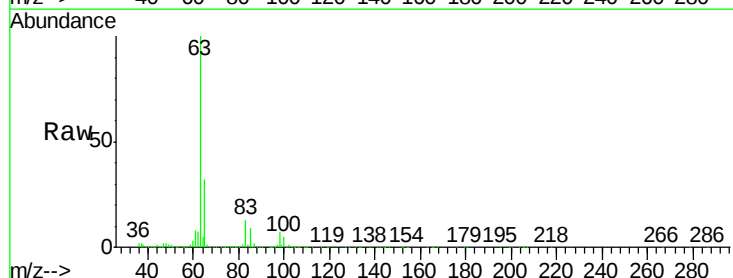
Tgt Ion: 63 Resp: 404564

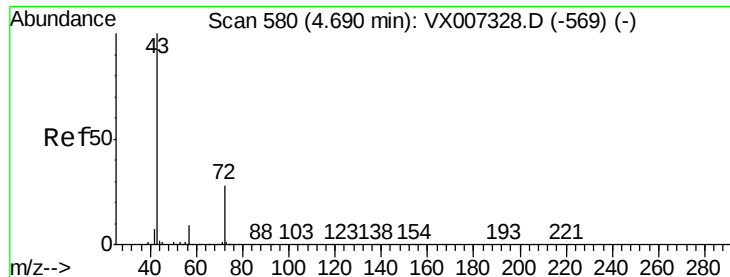
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 255.810 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

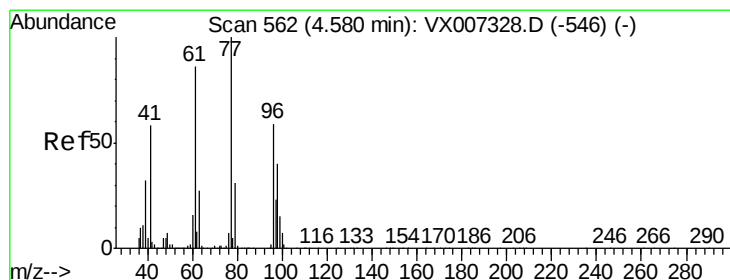
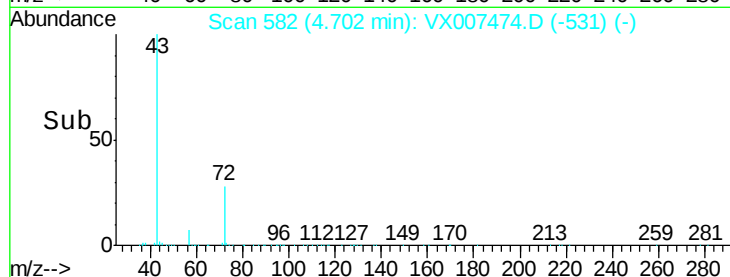
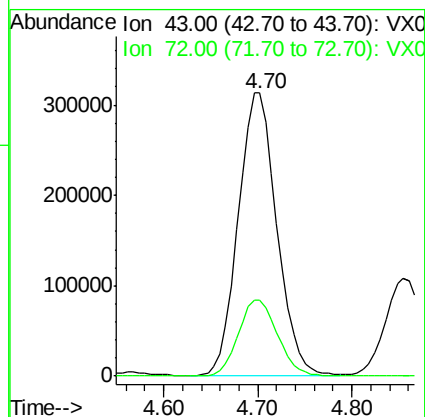
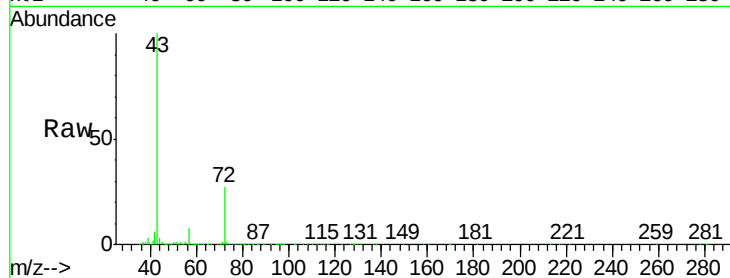
KY001MW020-190207MSD

Tot Ion: 43 Resp: 896903

Ion Ratio Lower Upper

43 100

72 27.0 22.2 33.2



#26

2,2-Dichloropropane

Concen: 44.778 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007474.D

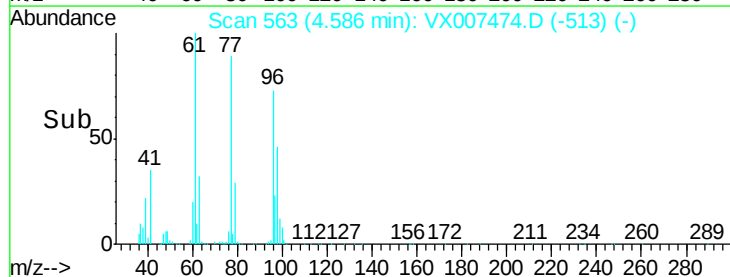
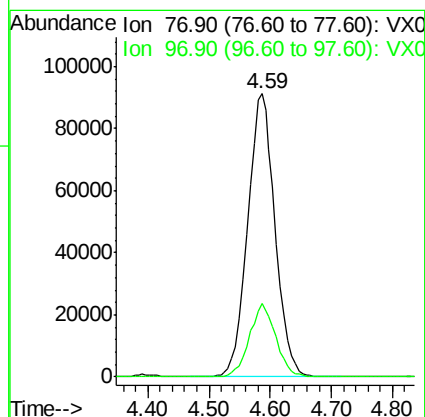
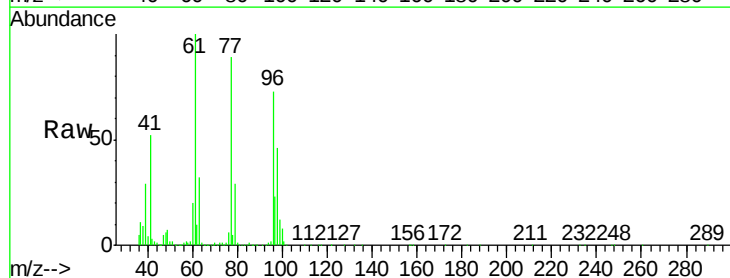
Acq: 11 Feb 2019 17:59

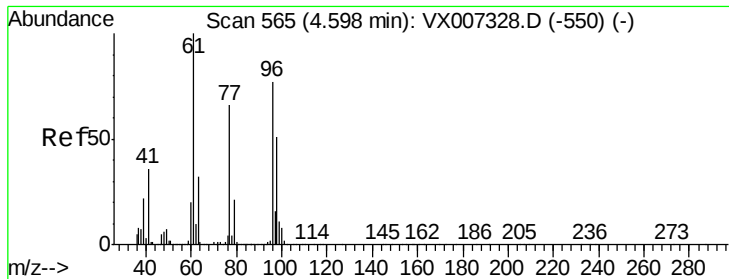
Tgt Ion: 77 Resp: 283967

Ion Ratio Lower Upper

77 100

97 25.0 12.1 36.3



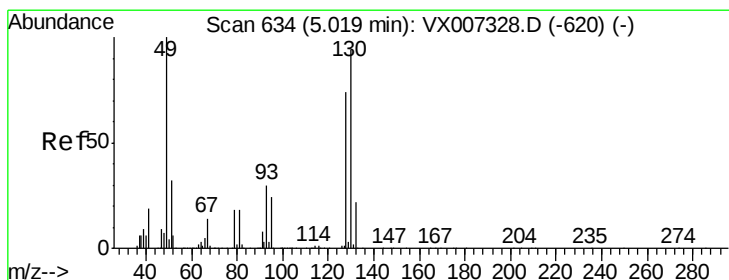
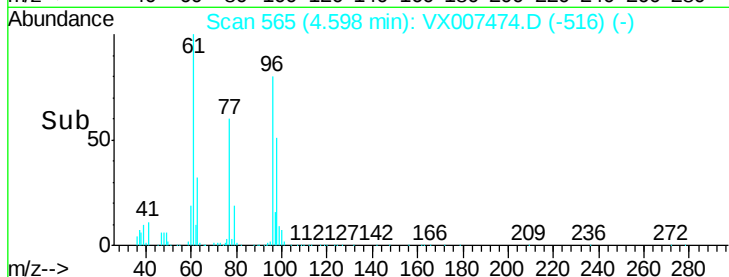
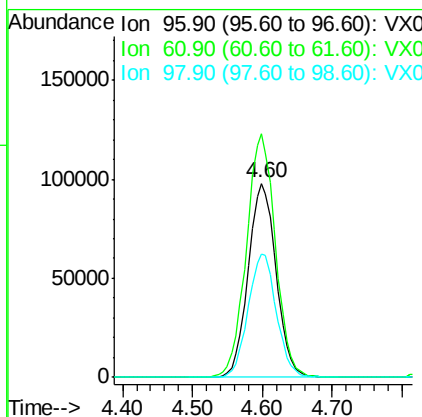
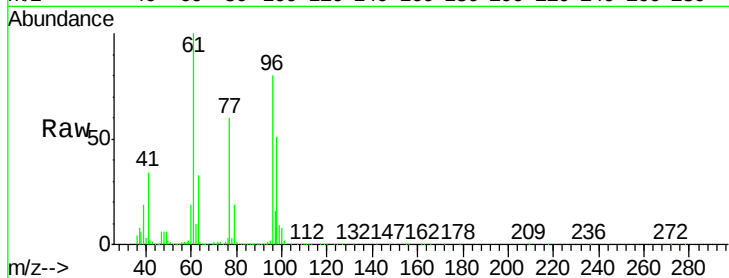


#27

cis-1,2-Dichloroethene
 Concen: 48.215 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MSD

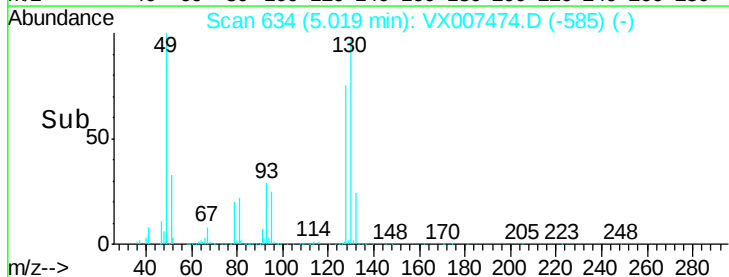
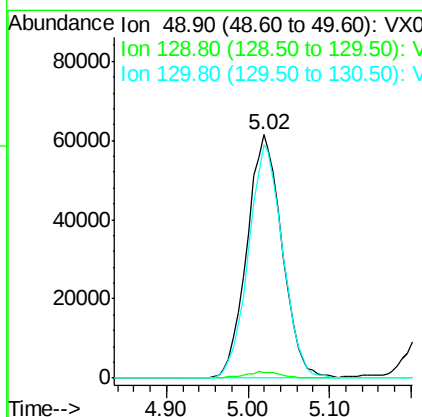
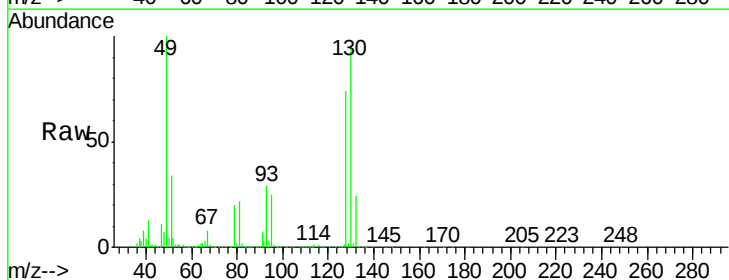
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	265.6
98	64.1	0.0	131.6

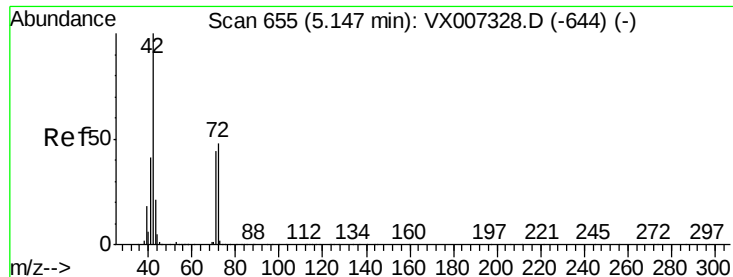


#28

Bromochloromethane
 Concen: 47.806 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	94.2	75.6	113.4





#29

Tetrahydrofuran

Concen: 266.598 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

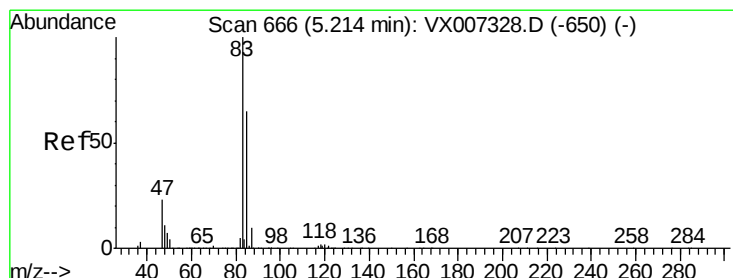
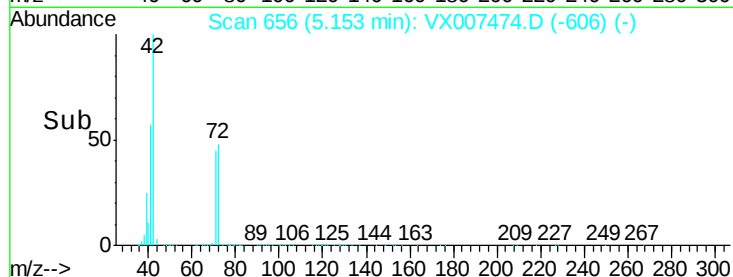
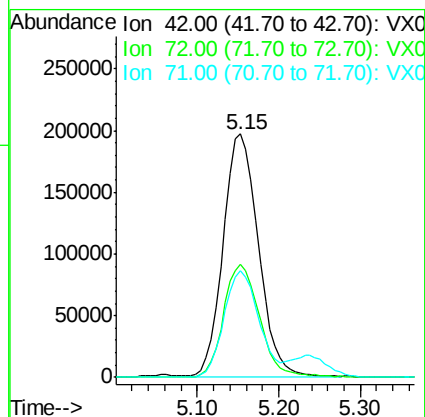
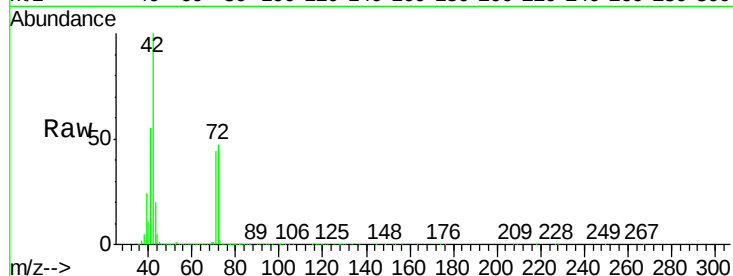
Tot Ion: 42 Resp: 587879

Ion Ratio Lower Upper

42 100

72 47.8 37.6 56.4

71 43.5 34.6 51.8



#30

Chloroform

Concen: 50.868 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007474.D

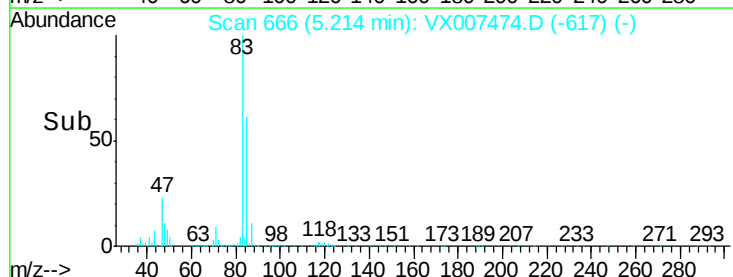
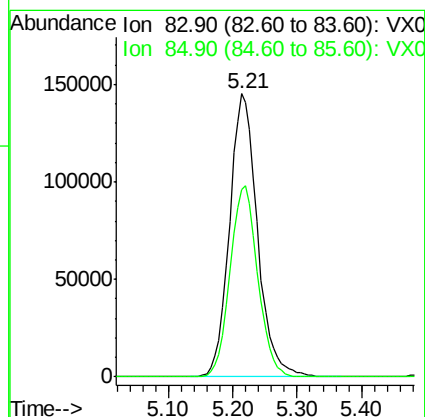
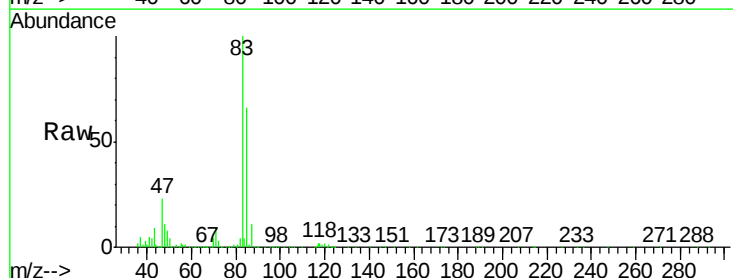
Acq: 11 Feb 2019 17:59

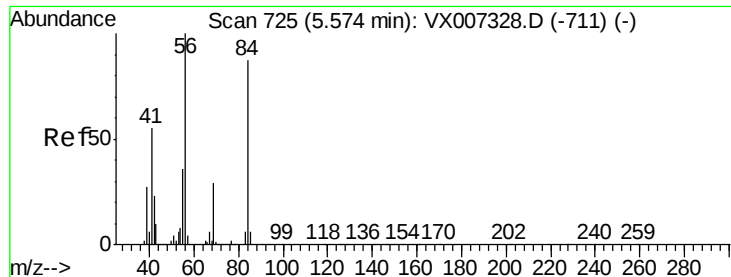
Tgt Ion: 83 Resp: 442015

Ion Ratio Lower Upper

83 100

85 65.9 51.6 77.4





#31

Cyclohexane

Concen: 81.264 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

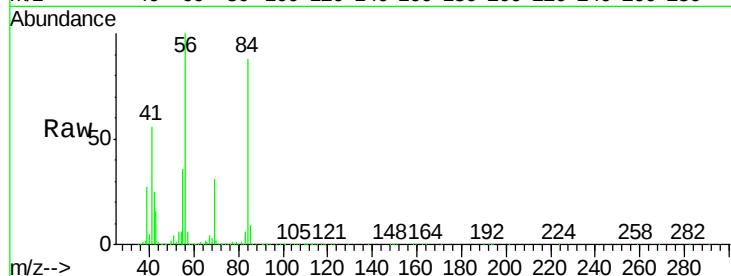
Tot Ion: 56 Resp: 607773

Ion Ratio Lower Upper

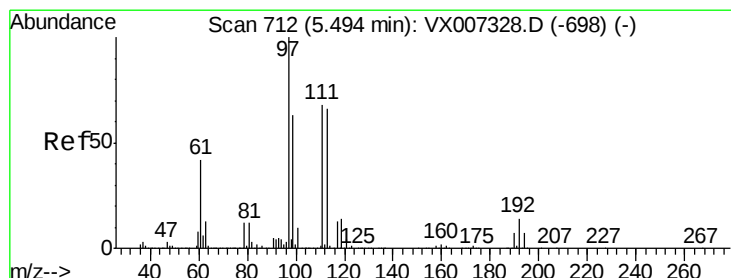
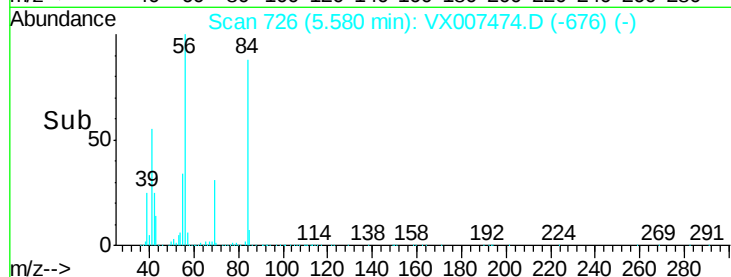
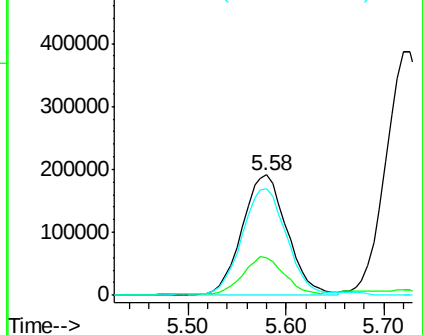
56 100

69 29.9 23.0 34.6

84 87.2 69.8 104.6



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



#32

1,1,1-Trichloroethane

Concen: 50.989 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

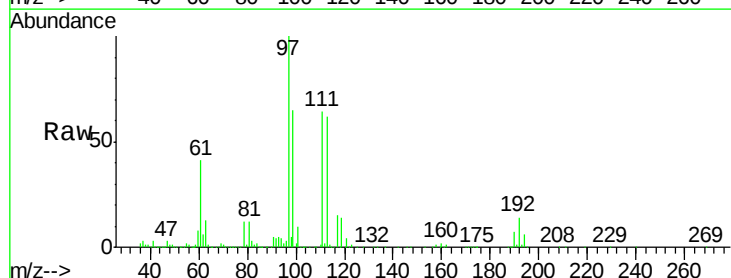
Tgt Ion: 97 Resp: 373994

Ion Ratio Lower Upper

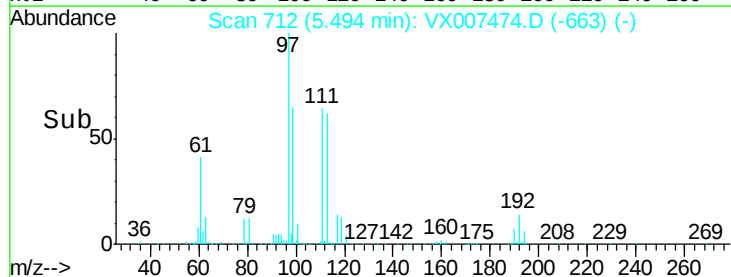
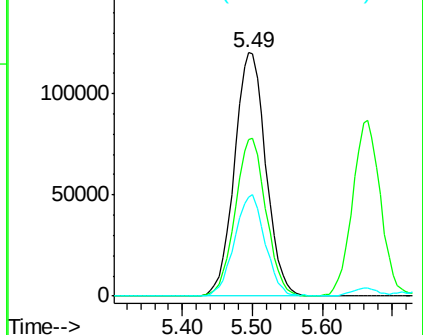
97 100

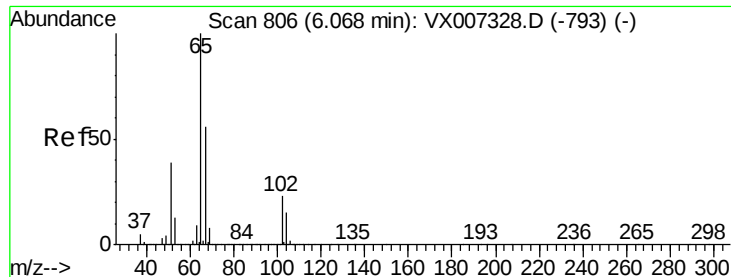
99 63.6 52.2 78.2

61 40.8 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.792 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

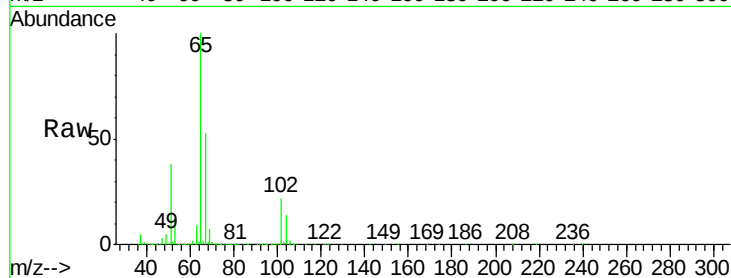
KY001MW020-190207MSD

Tot Ion: 65 Resp: 257042

Ion Ratio Lower Upper

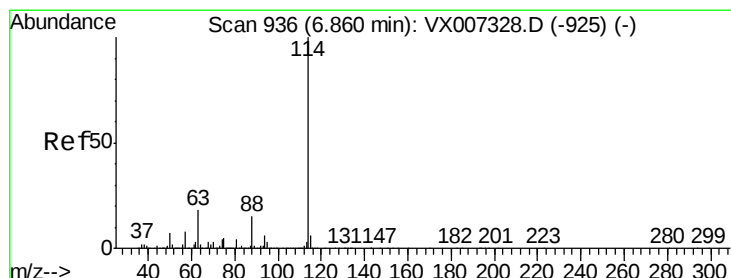
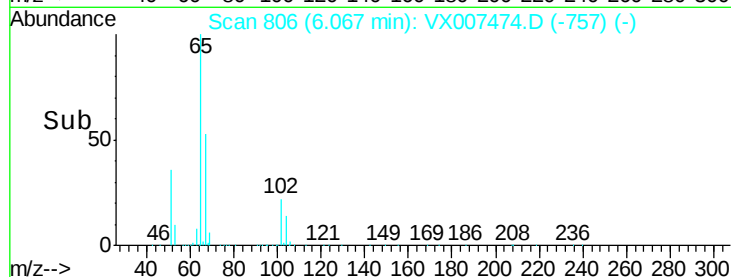
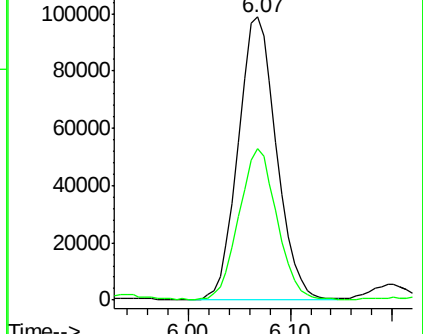
65 100

67 53.0 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

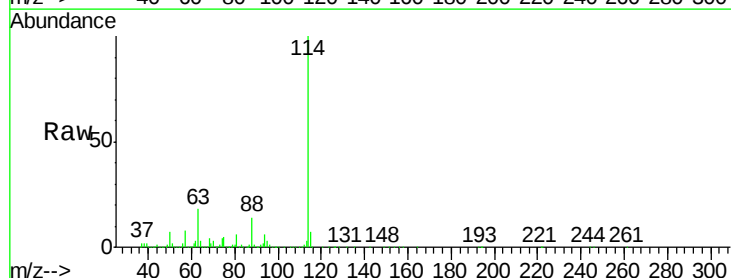
Tgt Ion: 114 Resp: 753548

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

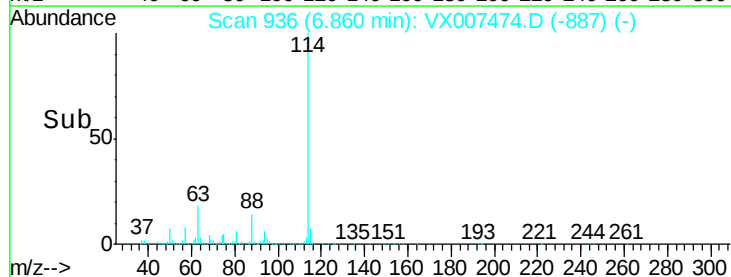
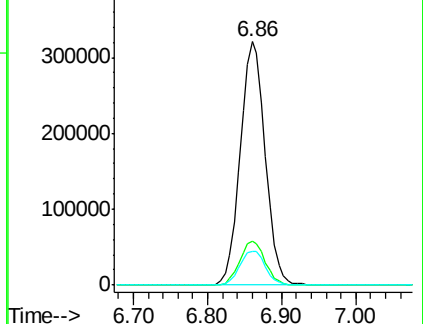
88 13.8 0.0 29.6

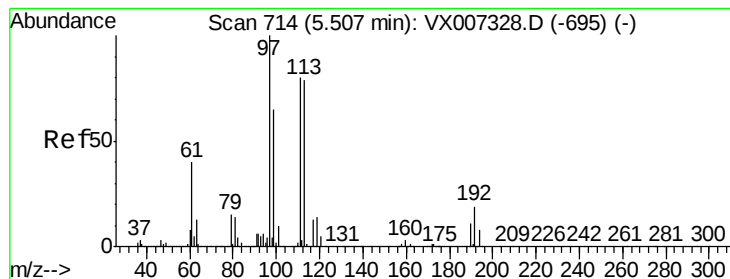


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.659 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

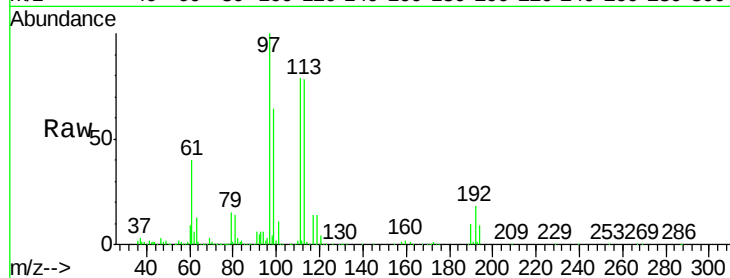
Tot Ion:113 Resp: 238576

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

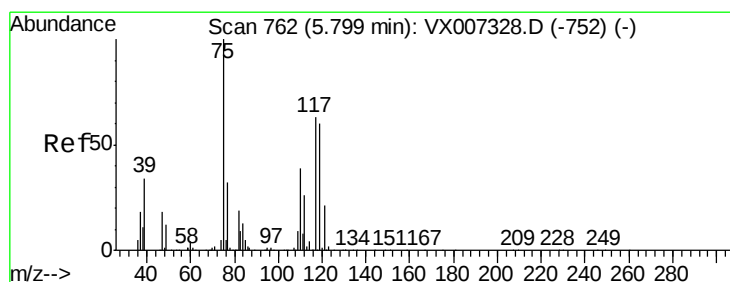
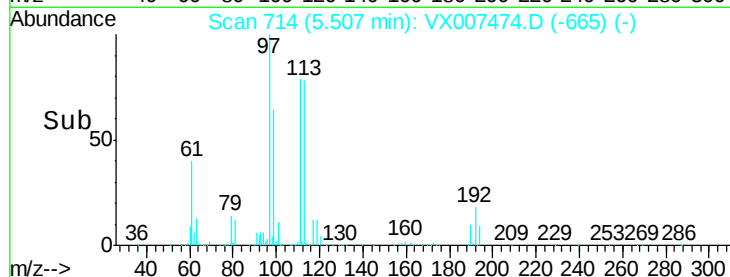
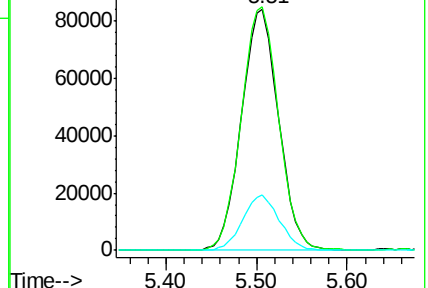
192 22.7 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.143 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

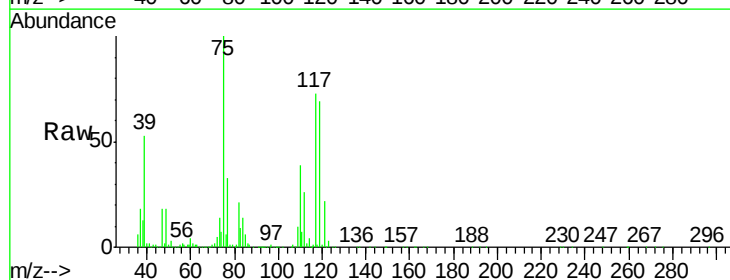
Tgt Ion: 75 Resp: 305215

Ion Ratio Lower Upper

75 100

110 40.0 20.0 59.9

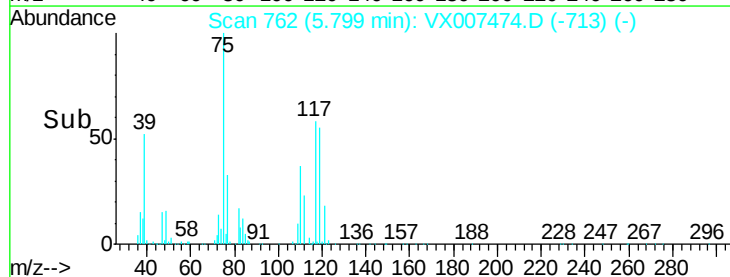
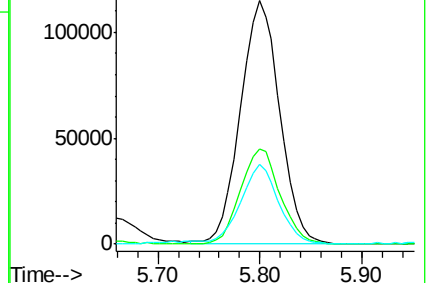
77 31.6 24.7 37.1

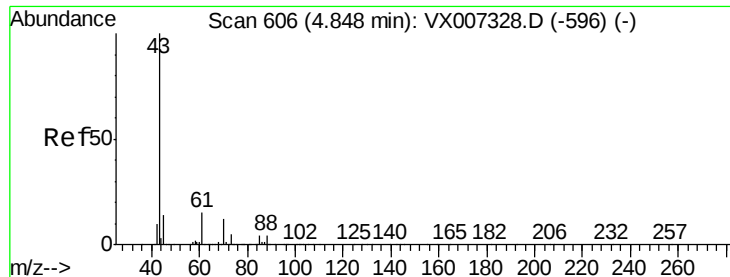


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

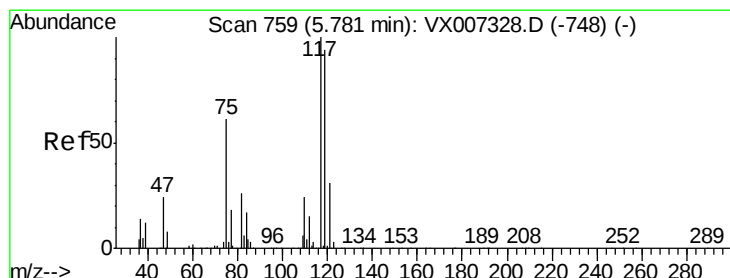
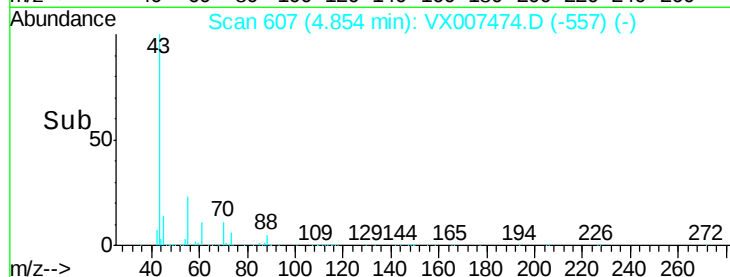
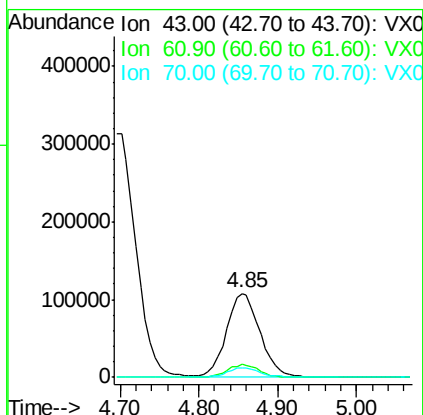
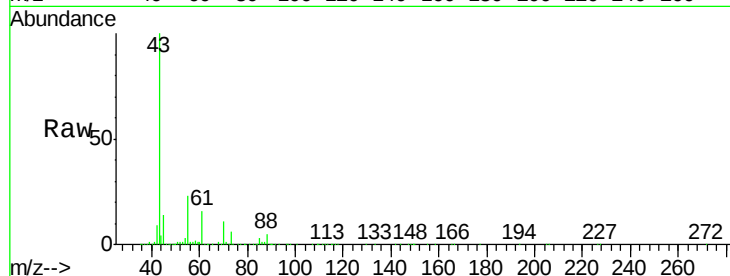




#37
Ethyl Acetate
Concen: 46.326 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

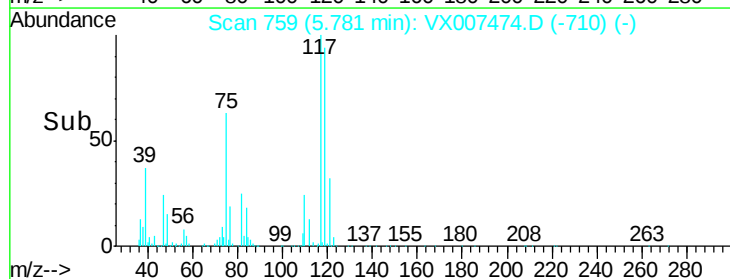
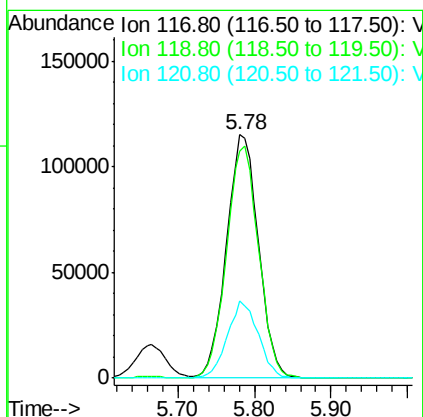
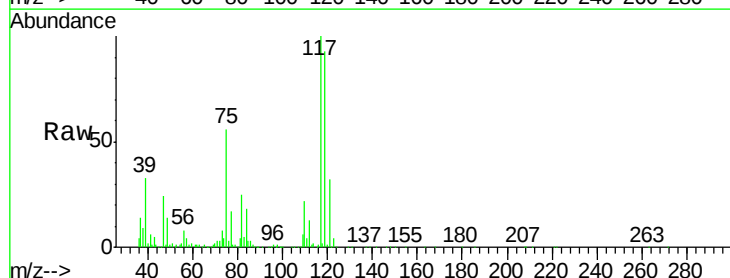
Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.3	16.9
70	11.6	8.6	13.0



#38
Carbon Tetrachloride
Concen: 50.624 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.3	112.9
121	31.7	25.0	37.4

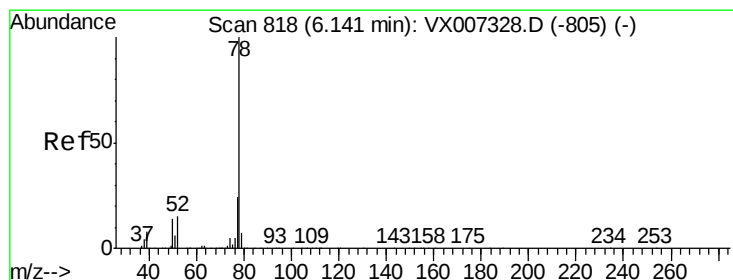
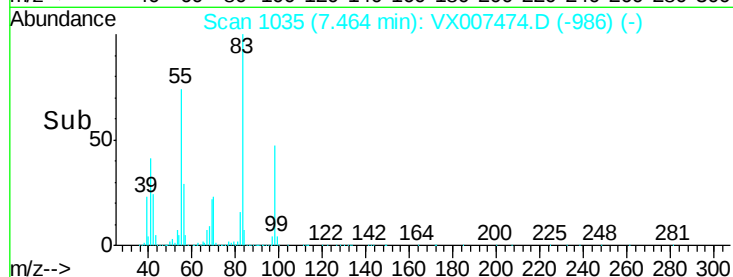
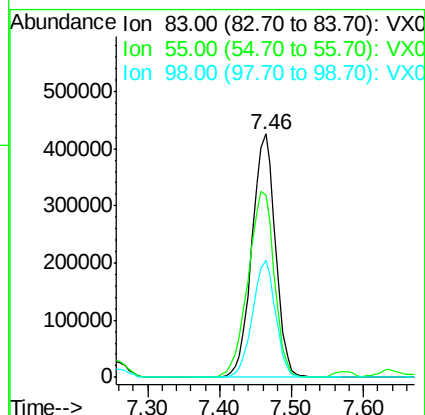
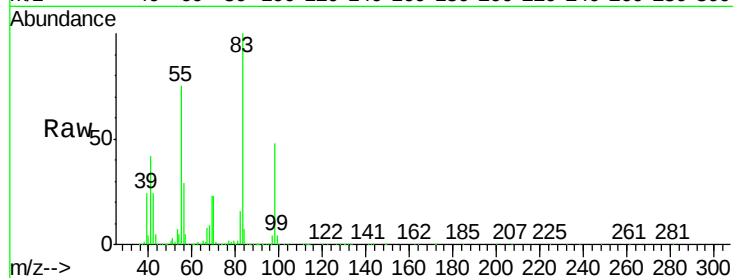




#39
Methvlcvclohexane
Concen: 118.057 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

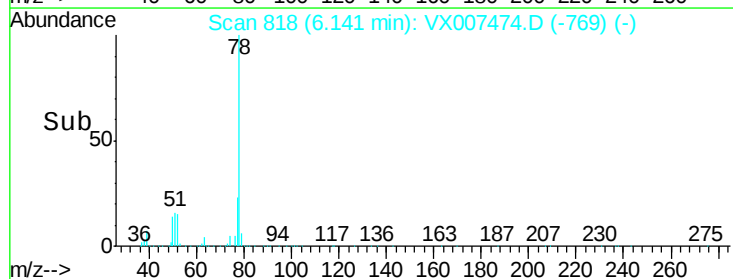
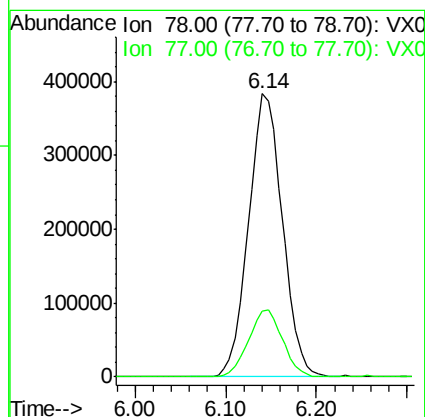
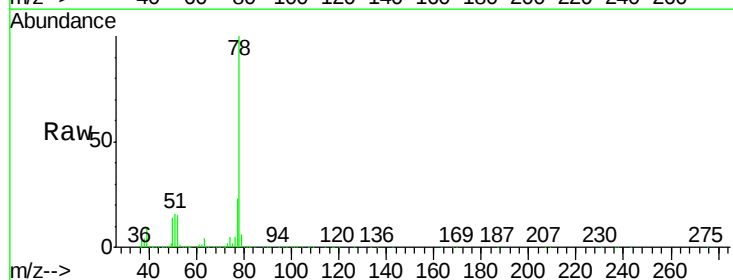
Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MSD

Tot Ion: 83 Resp: 965740
Ion Ratio Lower Upper
83 100
55 74.7 56.2 84.2
98 47.7 36.8 55.2



#40
Benzene
Concen: 49.690 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

Tgt Ion: 78 Resp: 989643
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9

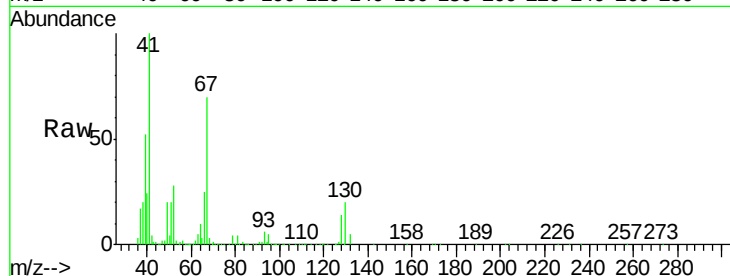




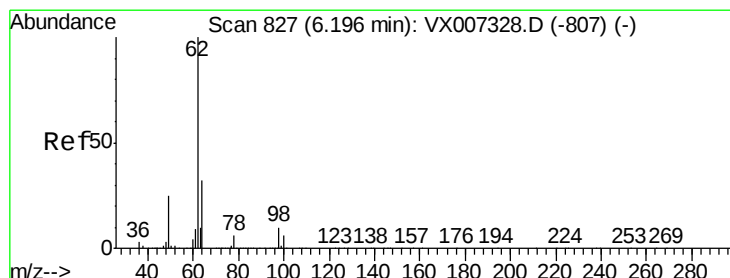
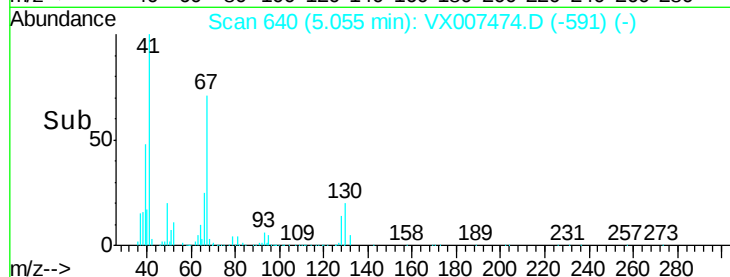
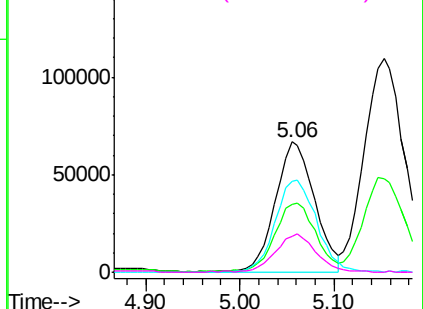
#41
Methacrylonitrile
Concen: 52.800 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MSD

Tot Ion:	41	Resp:	193408
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.5	66.7
67	73.5	60.4	90.6
52	30.0	24.1	36.1

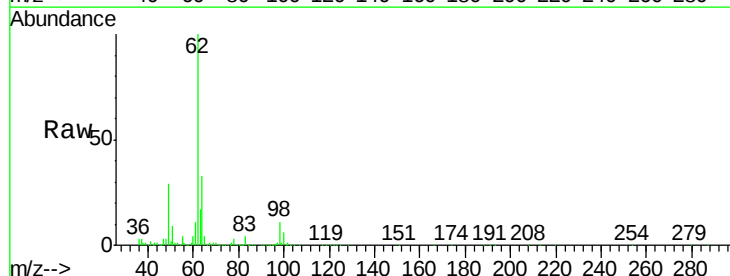


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

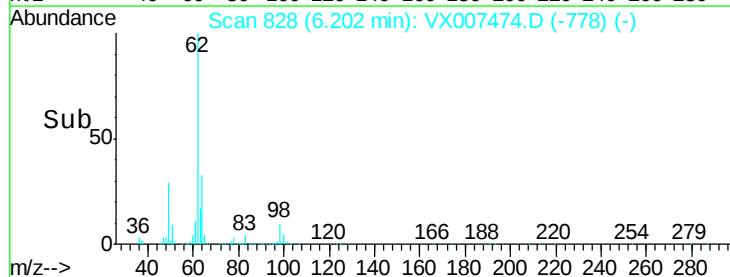
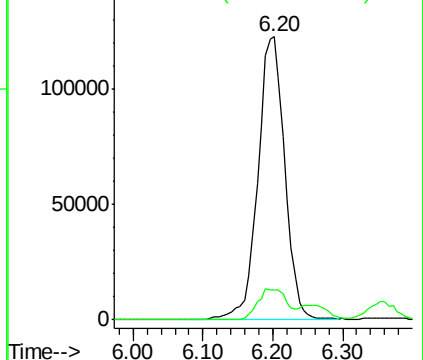


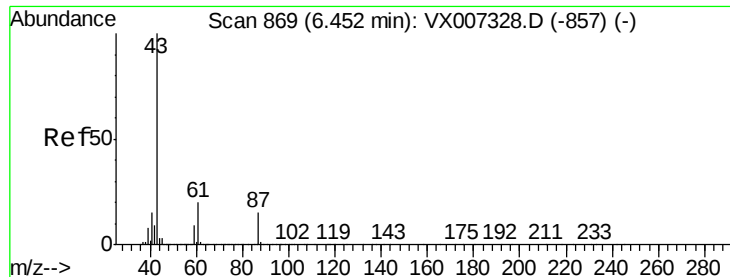
#42
1,2-Dichloroethane
Concen: 47.237 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

Tgt Ion:	62	Resp:	325505
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



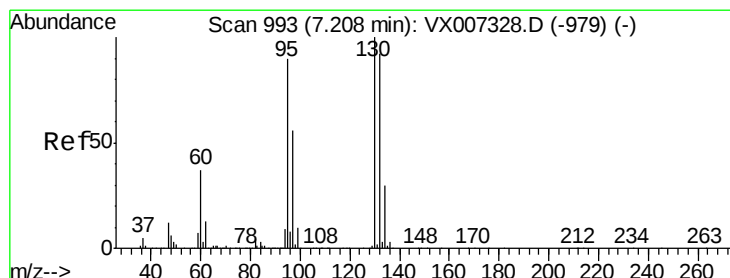
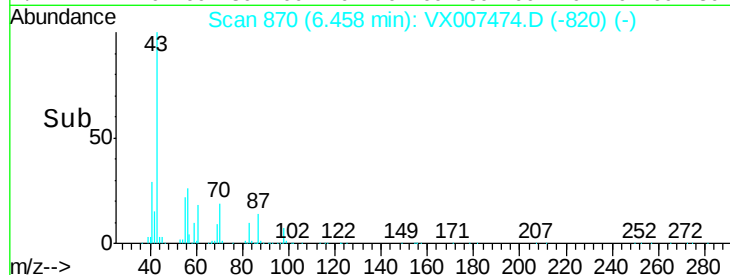
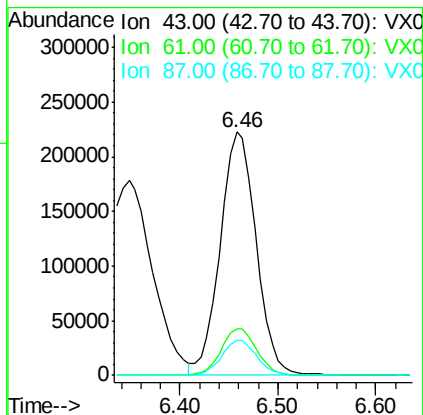
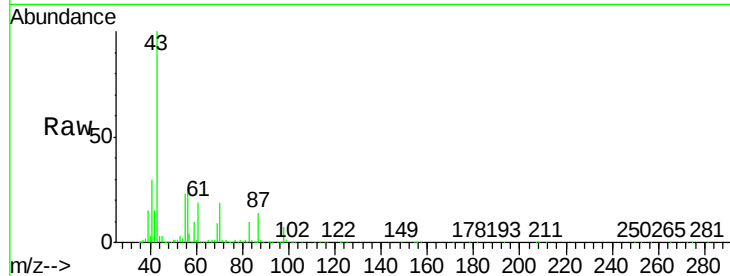


#43

Isopropyl Acetate
 Concen: 53.350 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MSD

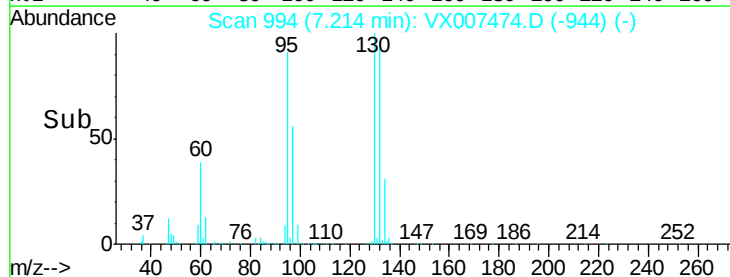
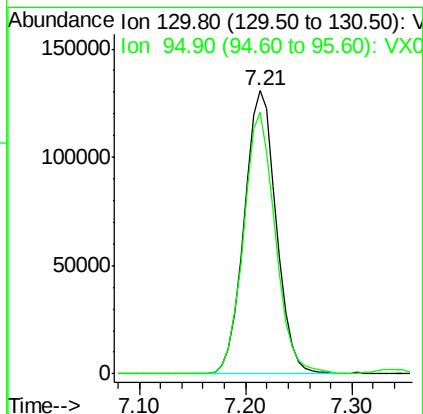
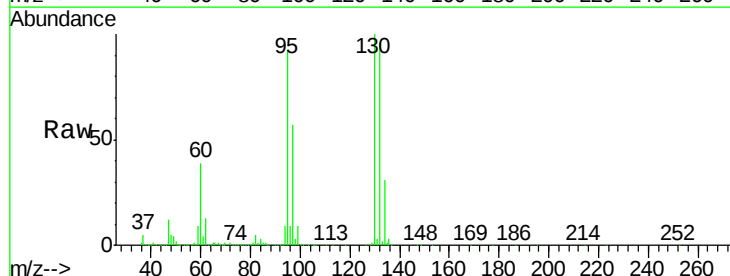
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	16.1	24.1
87	14.1	11.5	17.3

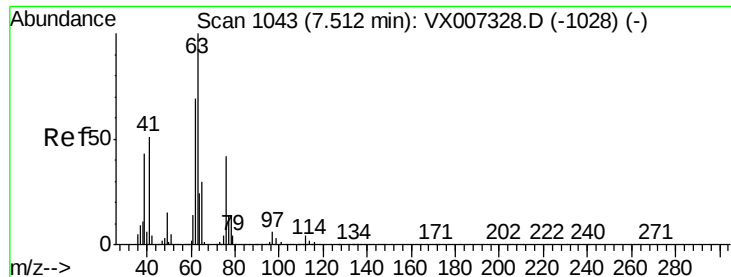


#44

Trichloroethene
 Concen: 45.978 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 50.802 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

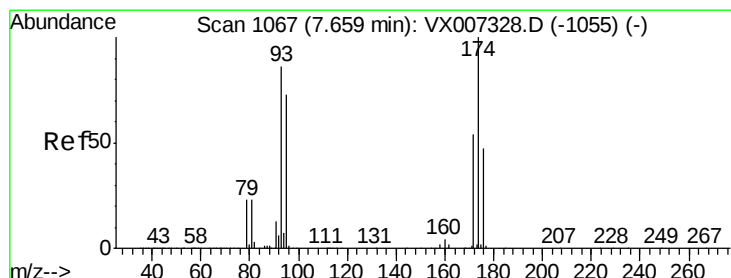
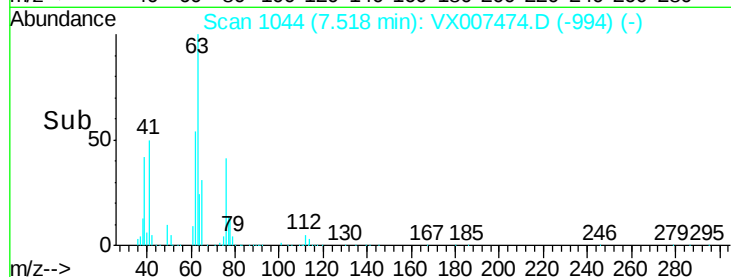
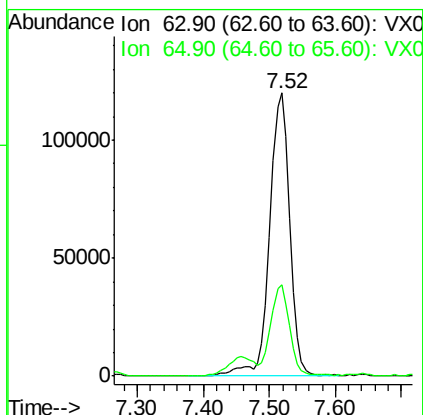
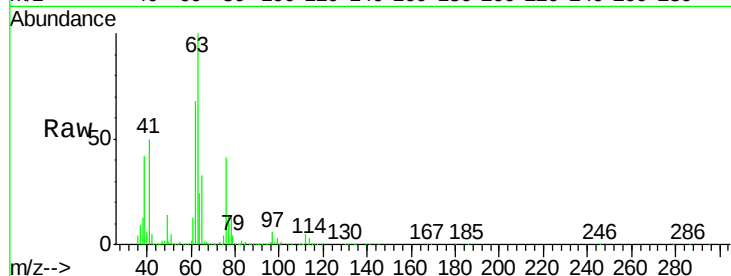
KY001MW020-190207MSD

Tot Ion: 63 Resp: 253505

Ion Ratio Lower Upper

63 100

65 32.4 24.2 36.2



#46

Dibromomethane

Concen: 47.972 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

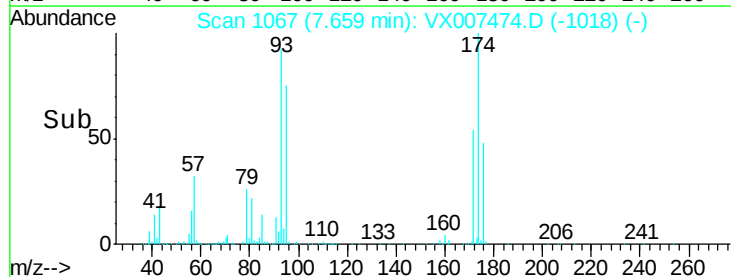
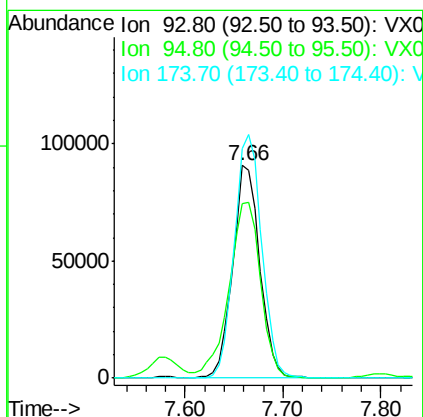
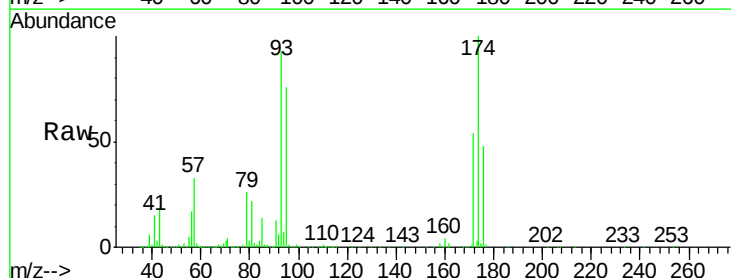
Tgt Ion: 93 Resp: 173984

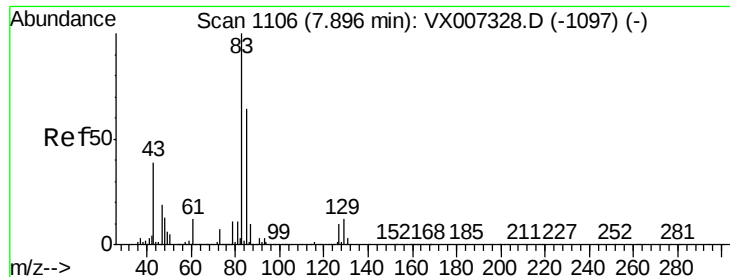
Ion Ratio Lower Upper

93 100

95 96.4 67.6 101.4

174 116.8 94.2 141.4





#47

Bromodichloromethane

Concen: 50.985 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

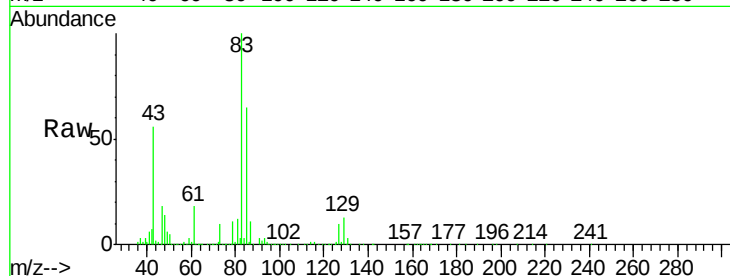
Tot Ion: 83 Resp: 313384

Ion Ratio Lower Upper

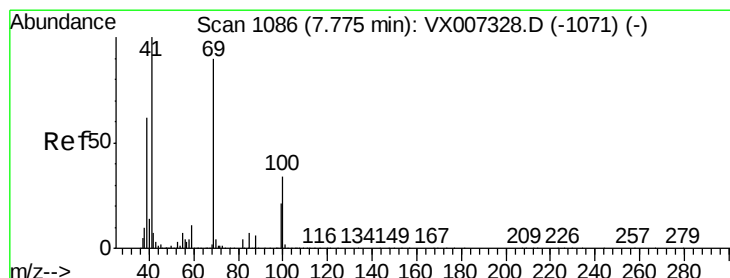
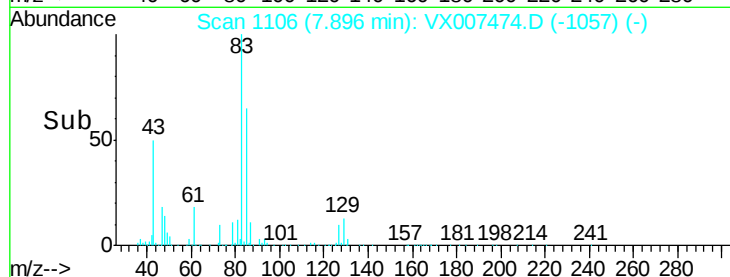
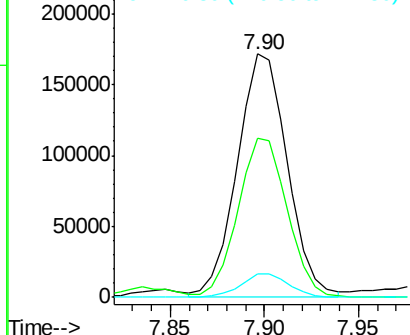
83 100

85 65.8 51.4 77.0

127 9.7 8.1 12.1



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



#48

Methyl methacrylate

Concen: 52.455 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

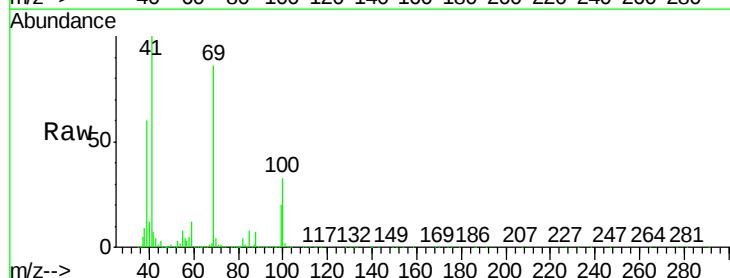
Tgt Ion: 41 Resp: 276792

Ion Ratio Lower Upper

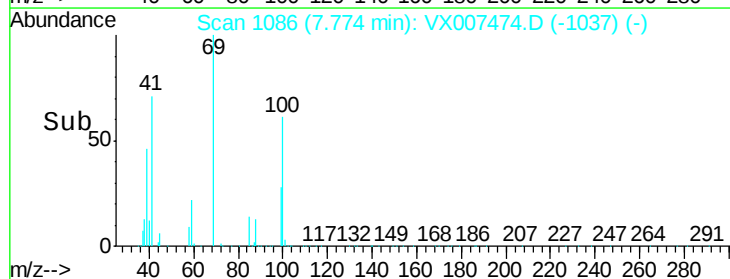
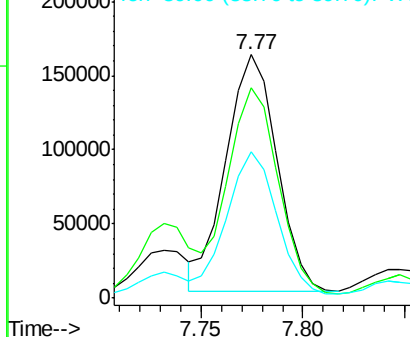
41 100

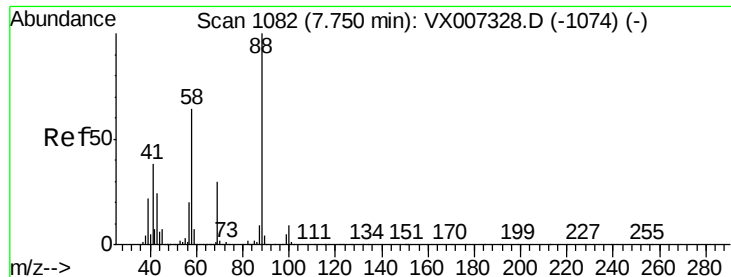
69 89.1 70.2 105.4

39 59.2 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 901.523 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

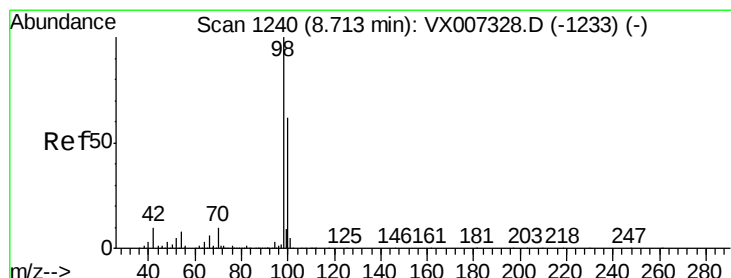
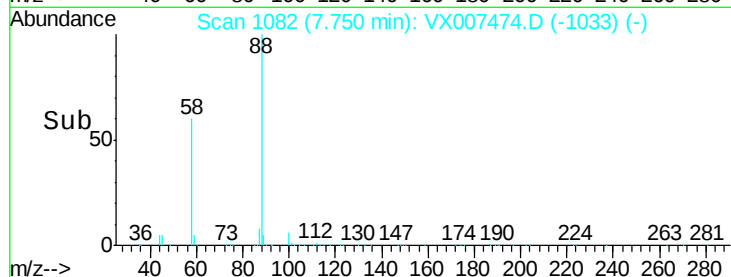
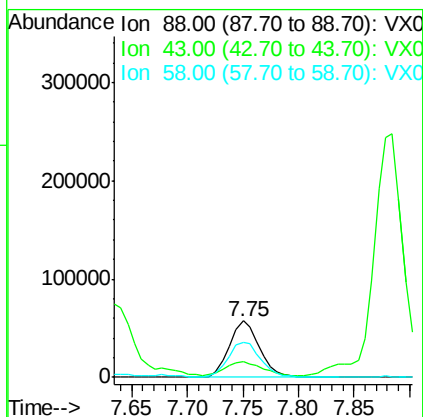
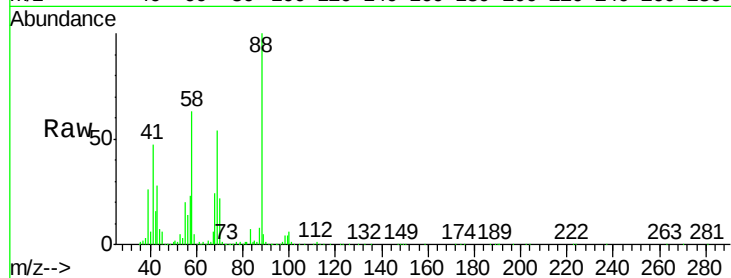
Tot Ion: 88 Resp: 108104

Ion Ratio Lower Upper

88 100

43 31.4 24.2 36.4

58 67.5 53.0 79.4



#50

Toluene-d8

Concen: 47.841 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007474.D

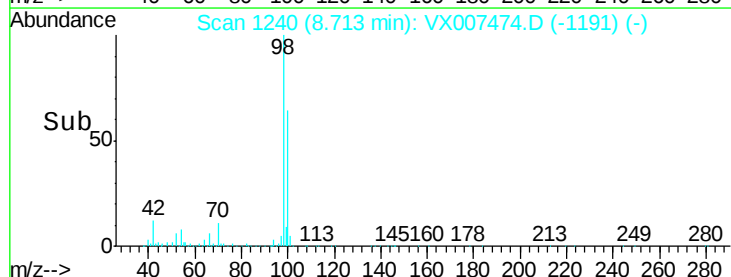
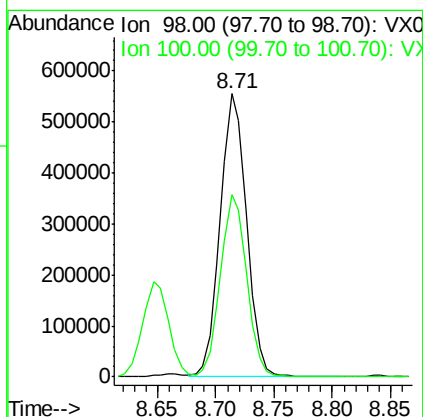
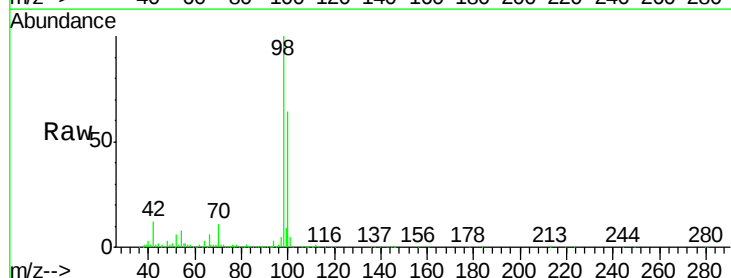
Acq: 11 Feb 2019 17:59

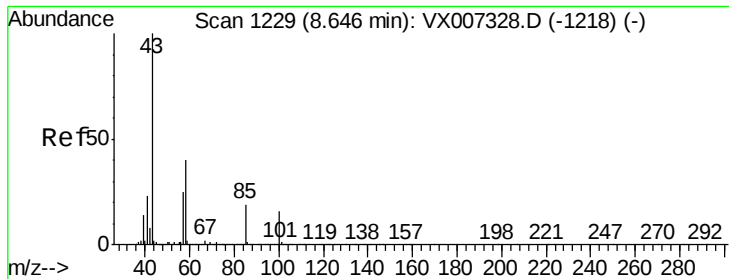
Tgt Ion: 98 Resp: 870285

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 264.476 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

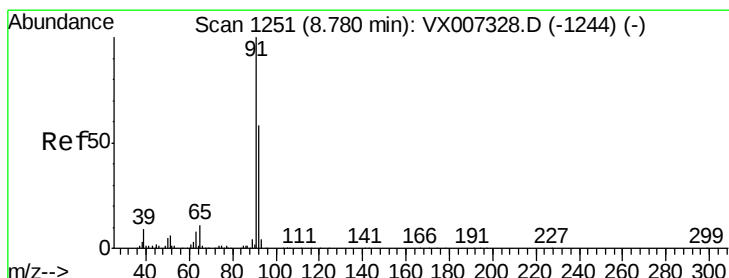
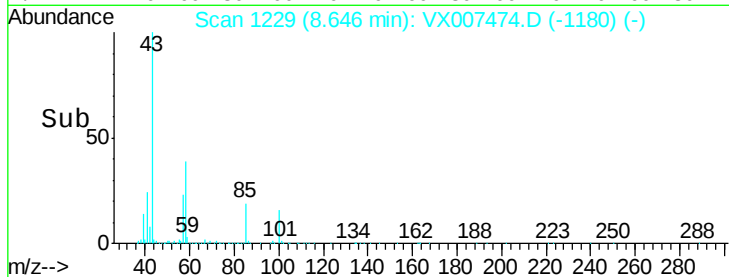
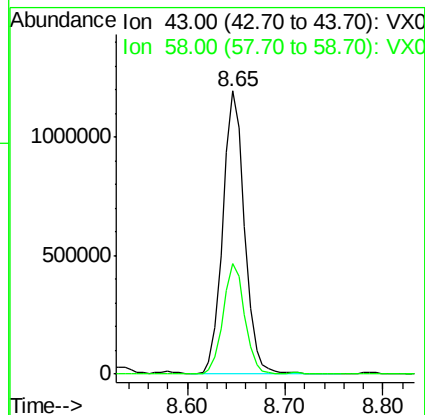
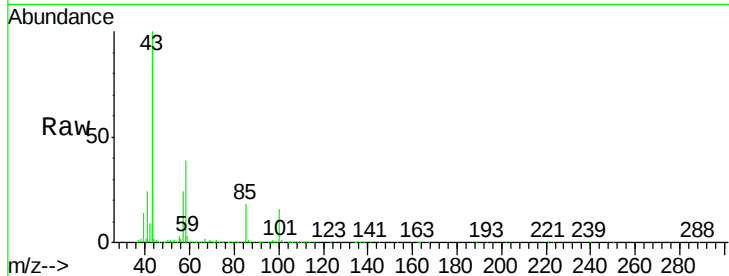
KY001MW020-190207MSD

Tot Ion: 43 Resp: 1836715

Ion Ratio Lower Upper

43 100

58 38.8 31.2 46.8



#52

Toluene

Concen: 49.307 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007474.D

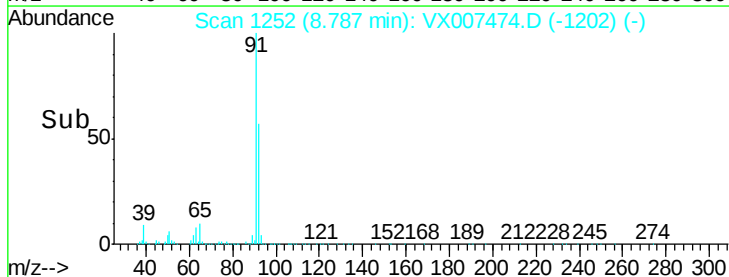
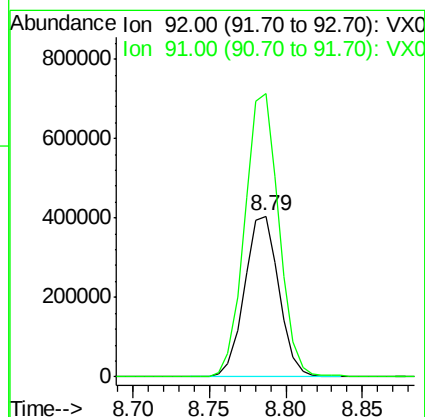
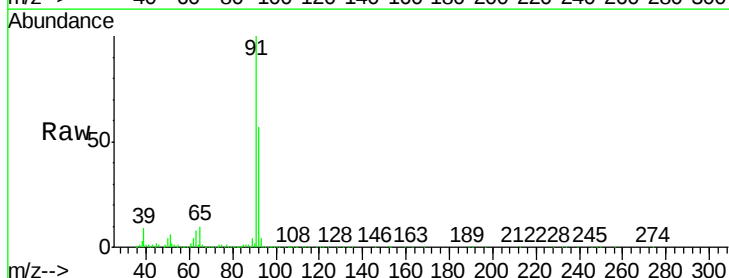
Acq: 11 Feb 2019 17:59

Tgt Ion: 92 Resp: 633580

Ion Ratio Lower Upper

92 100

91 174.9 139.1 208.7

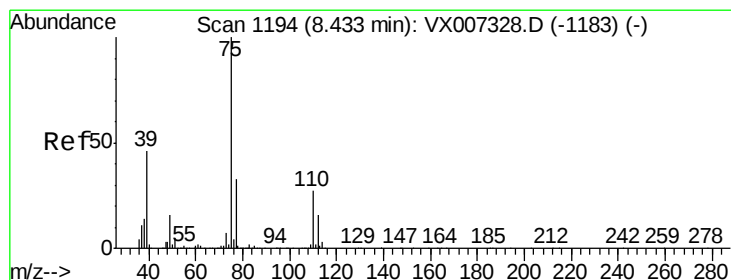
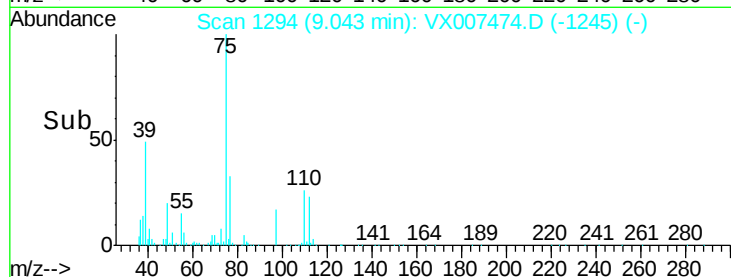
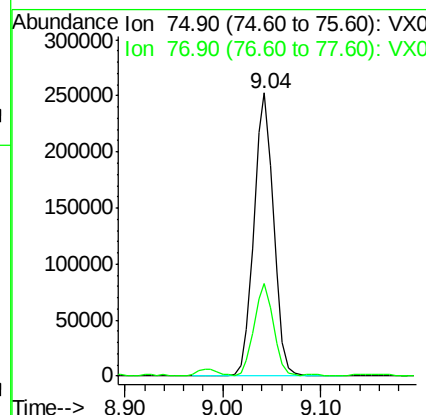
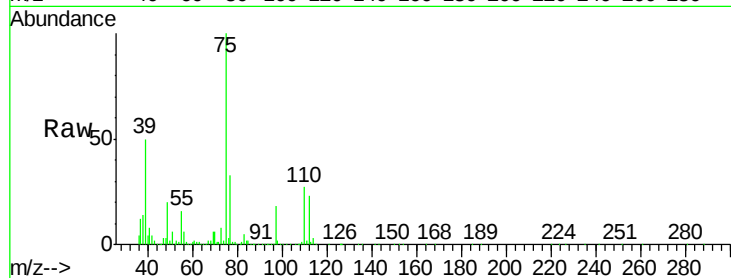




#53
t-1,3-Dichloropropene
Concen: 53.132 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

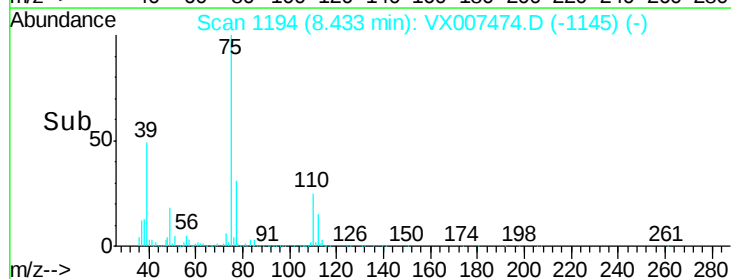
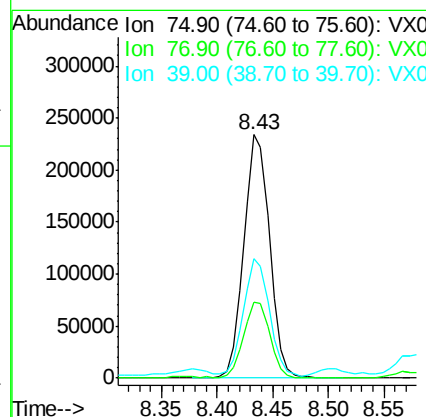
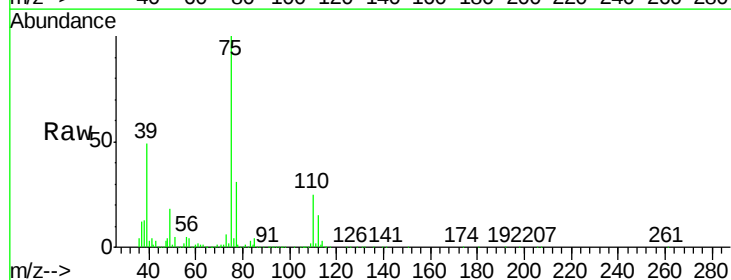
Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MSD

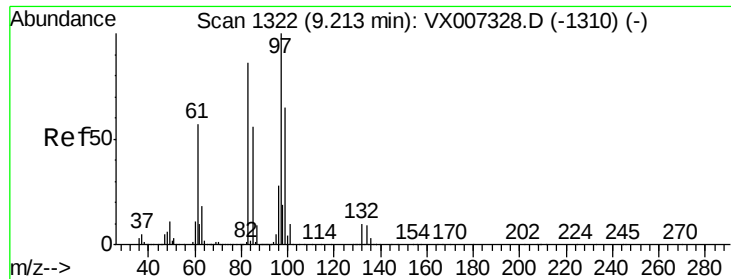
Tot Ion: 75 Resp: 350799
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 51.672 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

Tgt Ion: 75 Resp: 375170
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.4
39 46.4 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 47.055 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

Tot Ion: 97 Resp: 252041

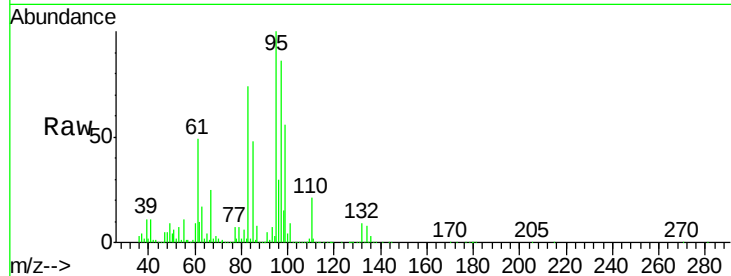
Ion Ratio Lower Upper

97 100

83 85.4 68.6 102.8

85 54.2 44.5 66.7

99 64.7 52.2 78.4

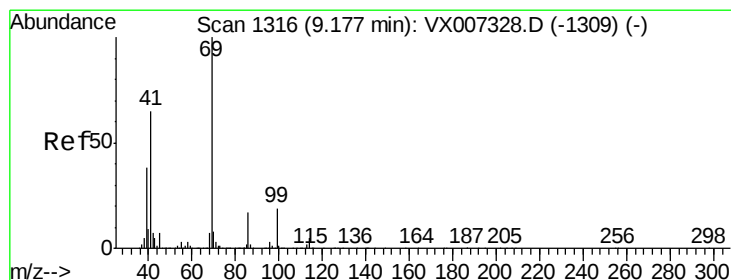
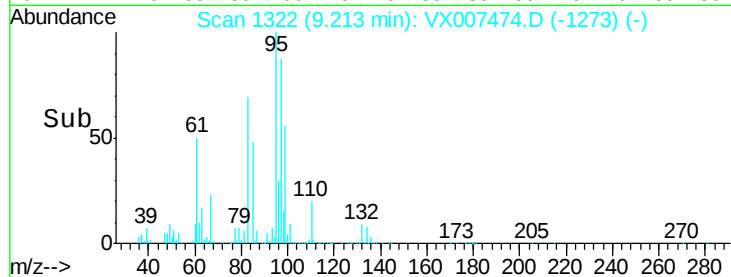
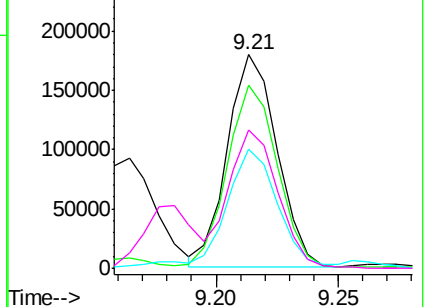


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 57.917 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

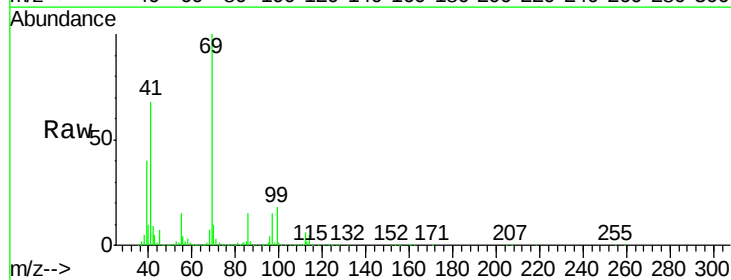
Tgt Ion: 69 Resp: 429662

Ion Ratio Lower Upper

69 100

41 72.1 52.1 78.1

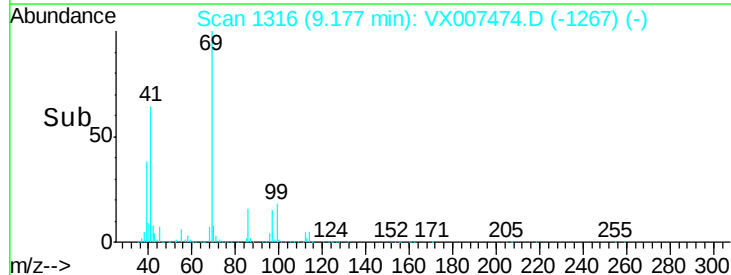
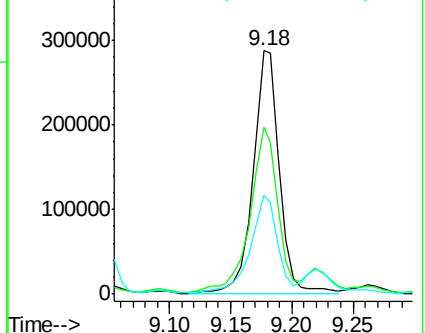
39 41.4 30.1 45.1

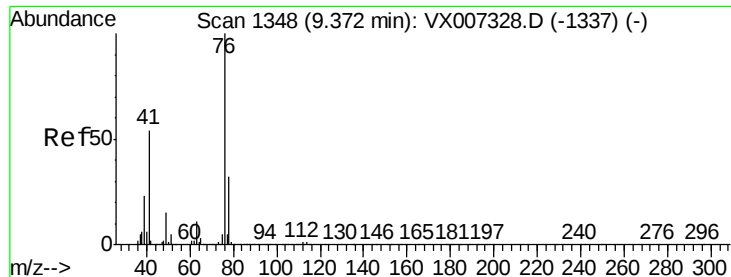


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.613 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

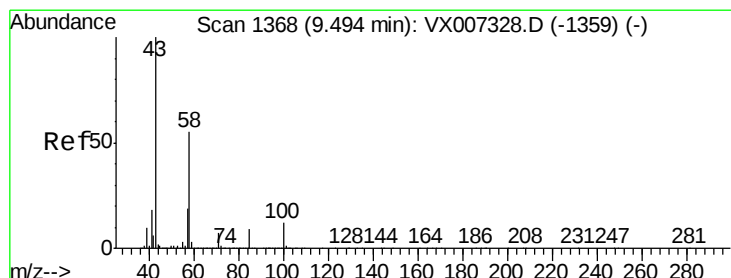
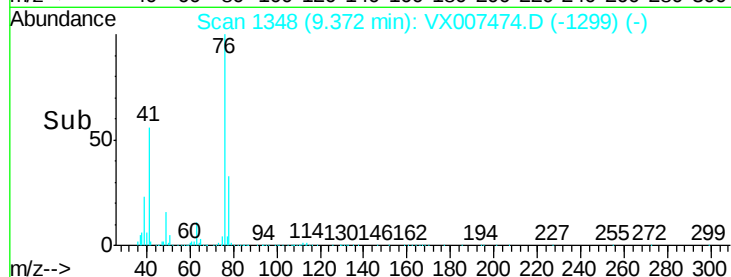
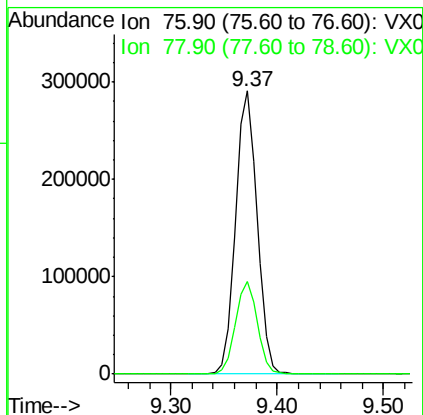
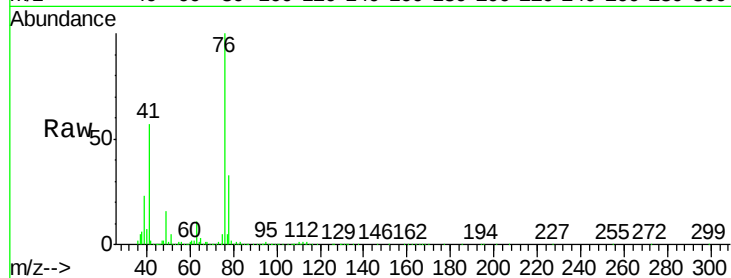
KY001MW020-190207MSD

Tot Ion: 76 Resp: 414095

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#59

2-Hexanone

Concen: 253.083 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007474.D

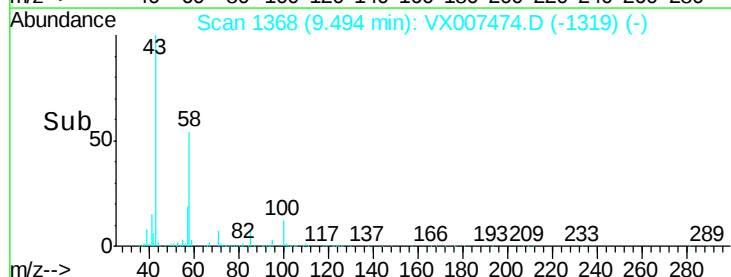
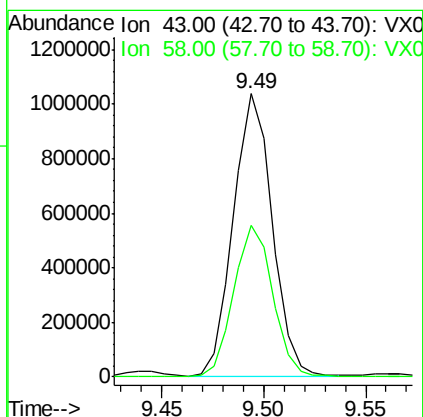
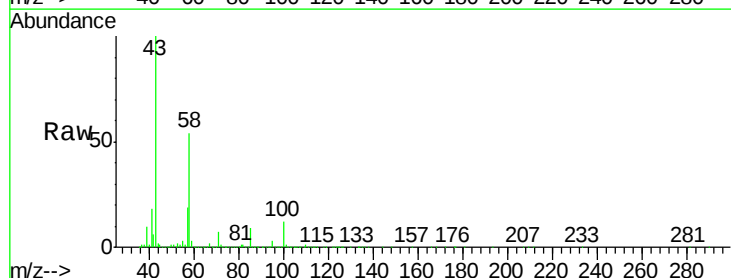
Acq: 11 Feb 2019 17:59

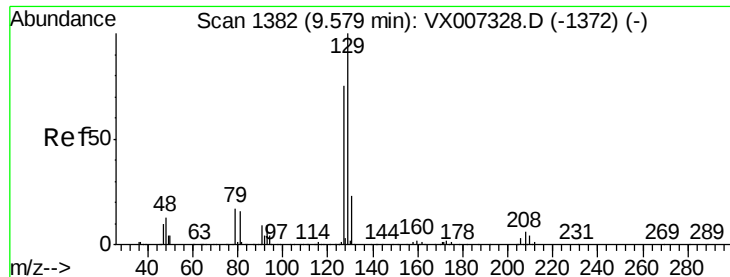
Tgt Ion: 43 Resp: 1367697

Ion Ratio Lower Upper

43 100

58 54.4 27.1 81.3





#60

Dibromochloromethane

Concen: 54.881 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

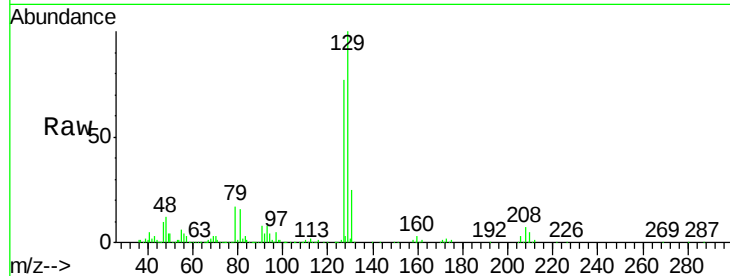
KY001MW020-190207MSD

Tot Ion:129 Resp: 278019

Ion Ratio Lower Upper

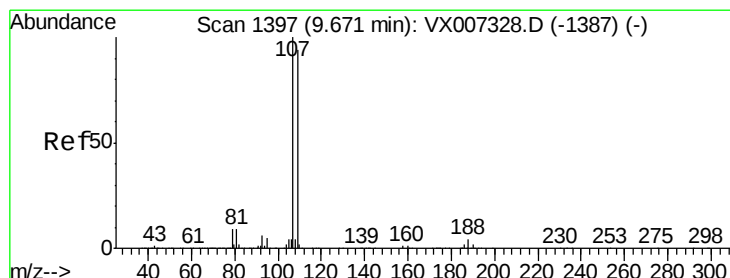
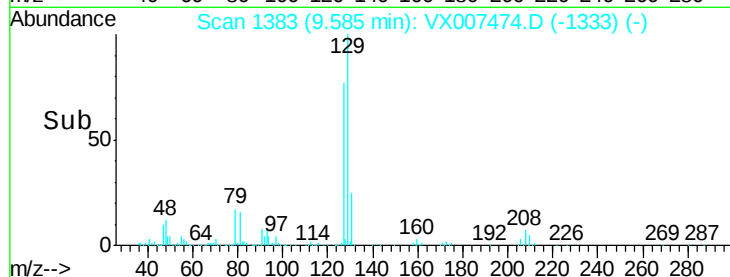
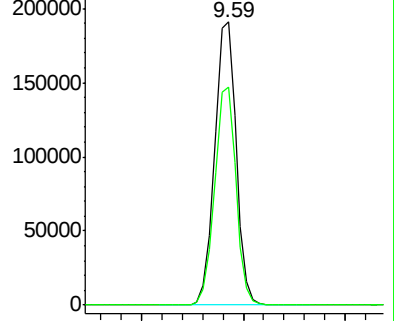
129 100

127 76.5 37.8 113.4



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.603 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007474.D

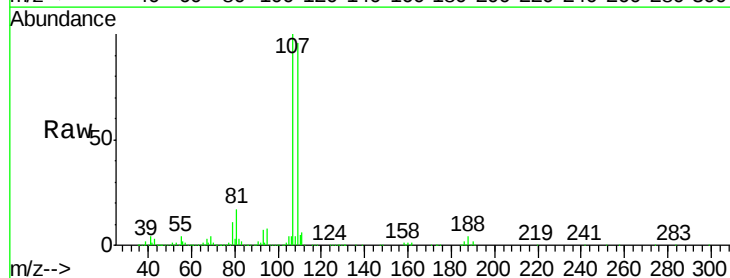
Acq: 11 Feb 2019 17:59

Tgt Ion:107 Resp: 281368

Ion Ratio Lower Upper

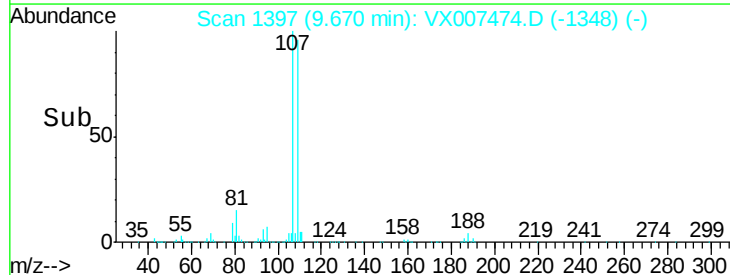
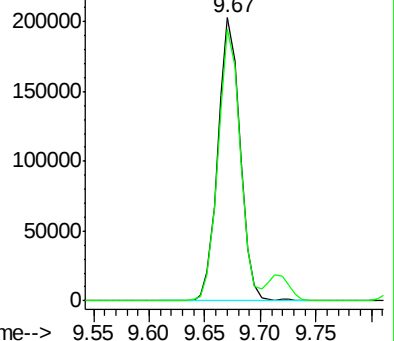
107 100

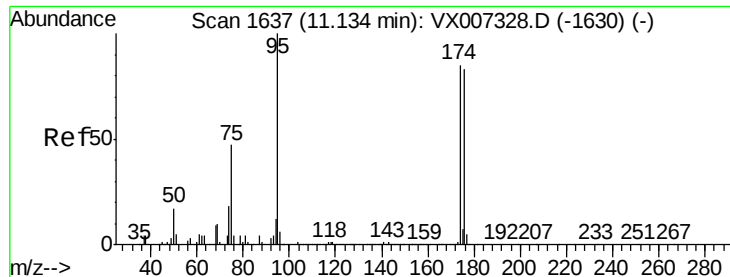
109 96.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.265 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

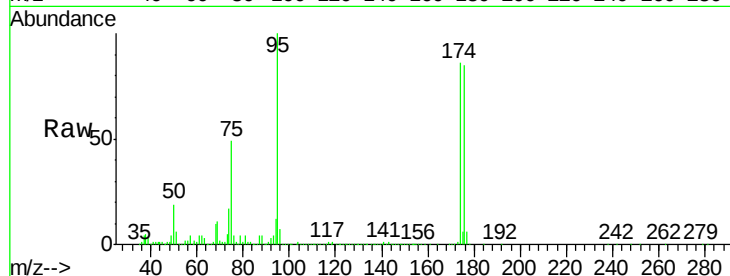
Tot Ion: 95 Resp: 327201

Ion Ratio Lower Upper

95 100

174 91.4 0.0 189.2

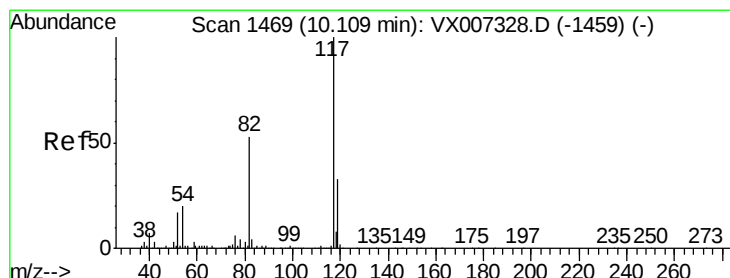
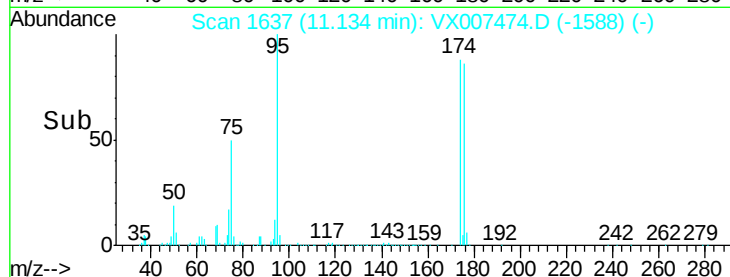
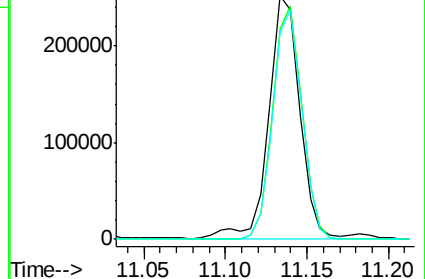
176 89.3 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

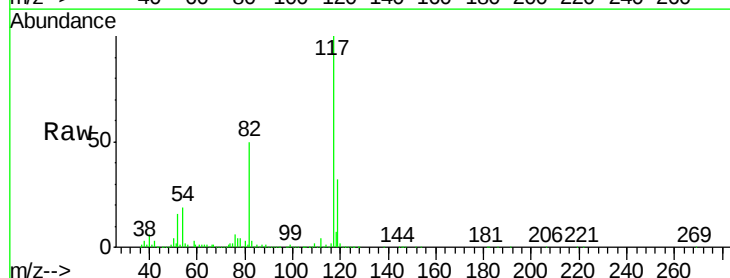
Tgt Ion: 117 Resp: 685974

Ion Ratio Lower Upper

117 100

82 49.4 42.1 63.1

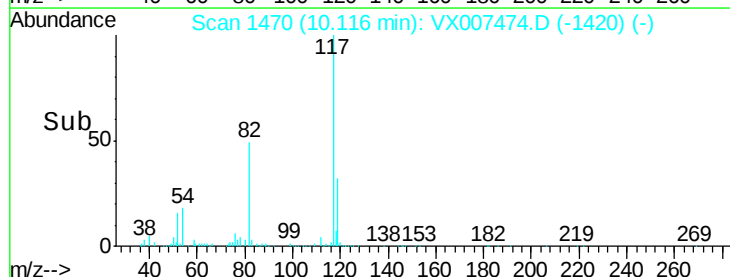
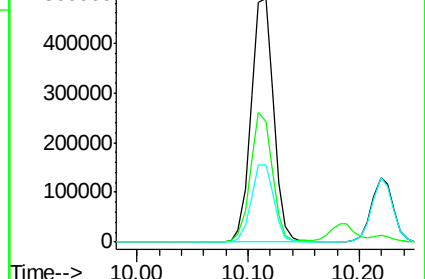
119 31.9 26.5 39.7

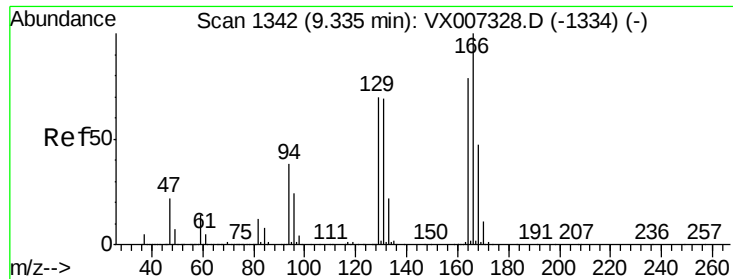


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)





#64

Tetrachloroethene

Concen: 39.144 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

Tot Ion:164 Resp: 253083

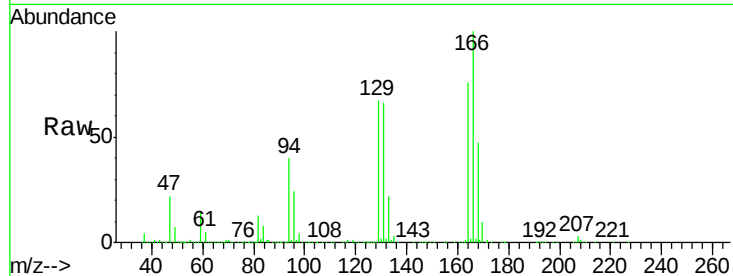
Ion Ratio Lower Upper

164 100

166 130.8 101.0 151.4

129 87.4 70.5 105.7

131 86.9 69.8 104.6

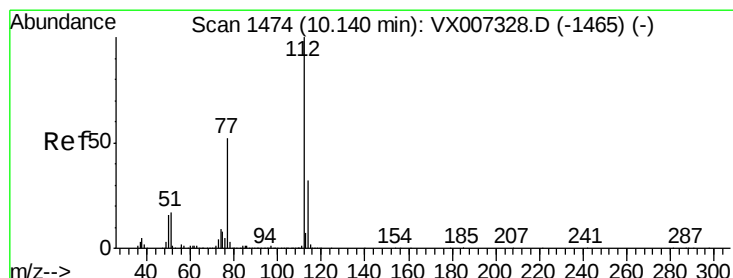
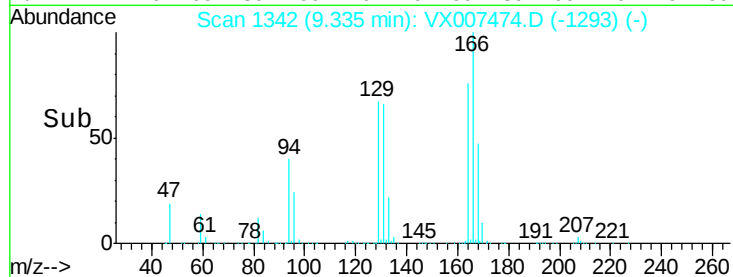
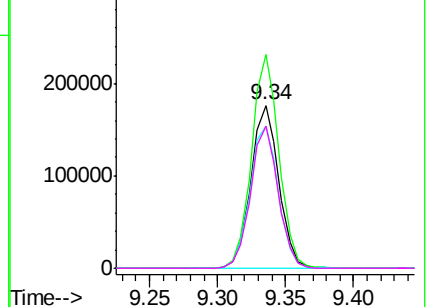


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.622 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007474.D

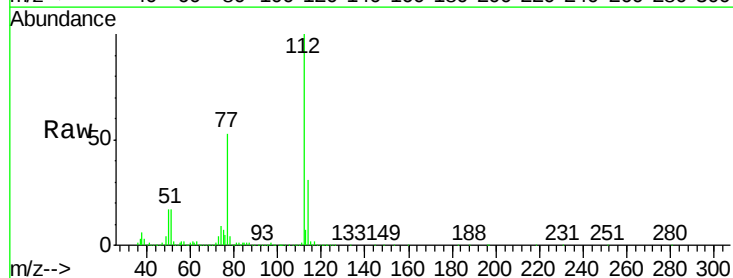
Acq: 11 Feb 2019 17:59

Tgt Ion:112 Resp: 712869

Ion Ratio Lower Upper

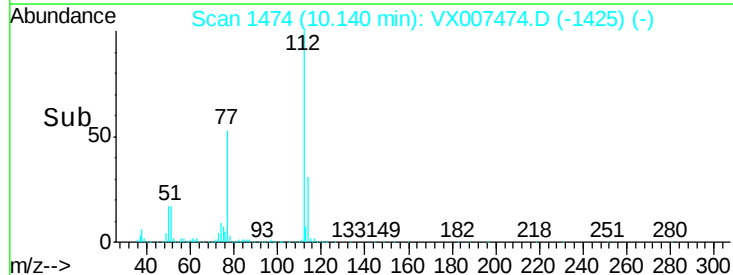
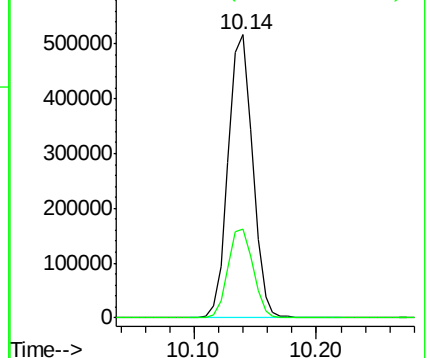
112 100

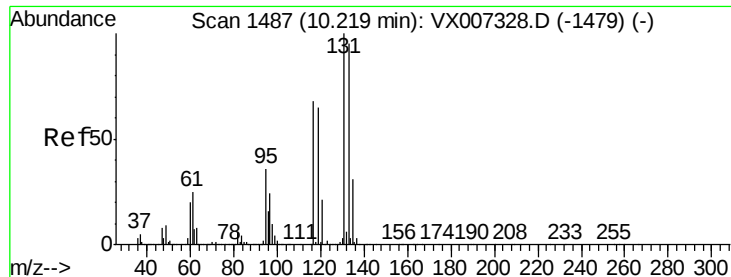
114 31.4 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 52.548 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

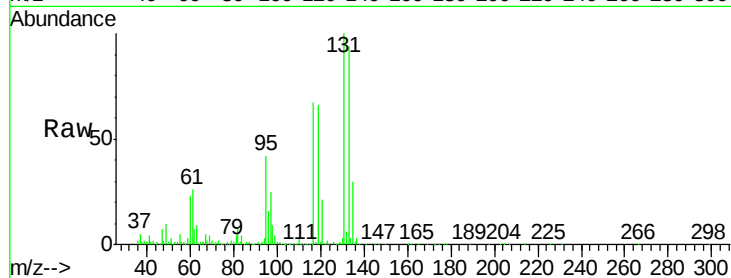
Tot Ion:131 Resp: 263726

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.2

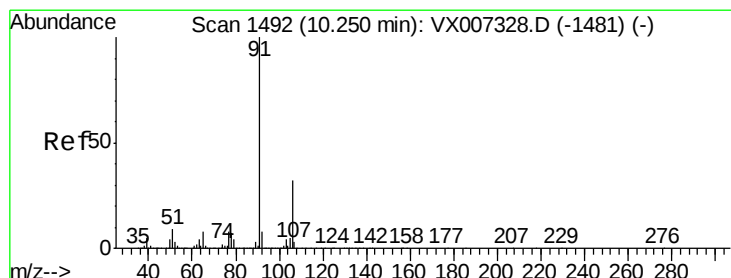
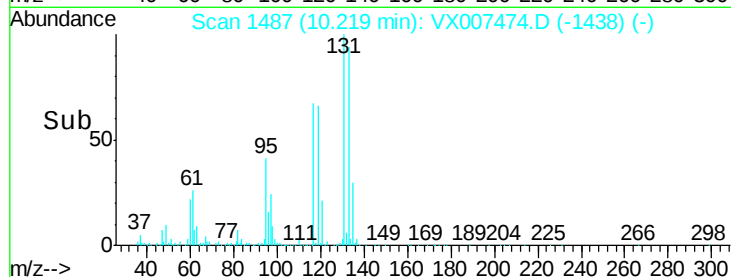
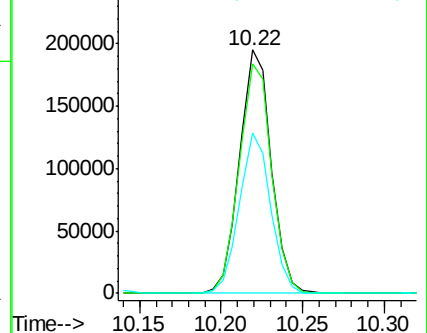
119 65.2 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 57.227 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007474.D

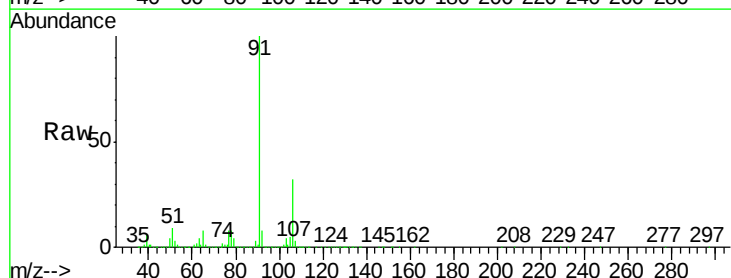
Acq: 11 Feb 2019 17:59

Tgt Ion: 91 Resp: 1379521

Ion Ratio Lower Upper

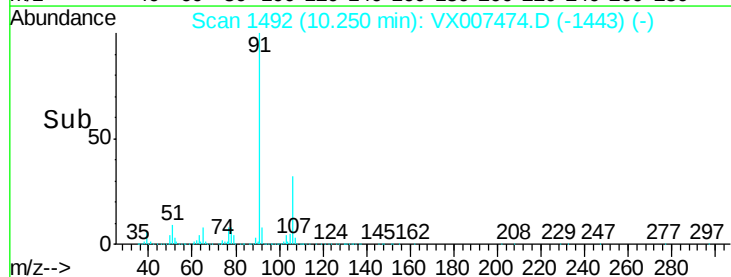
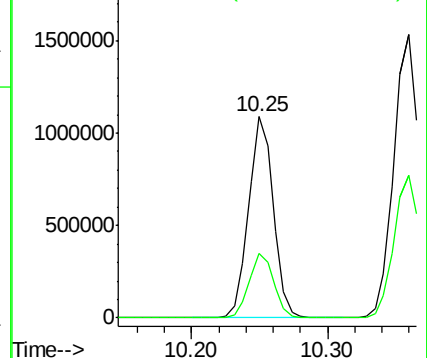
91 100

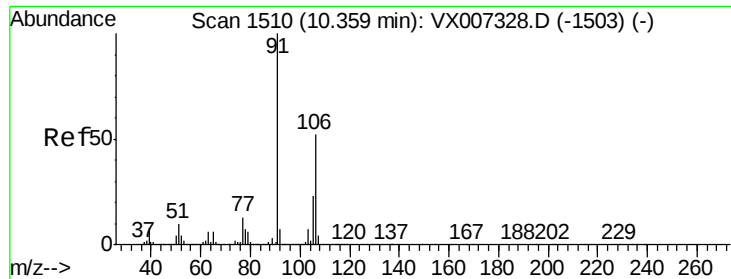
106 32.2 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

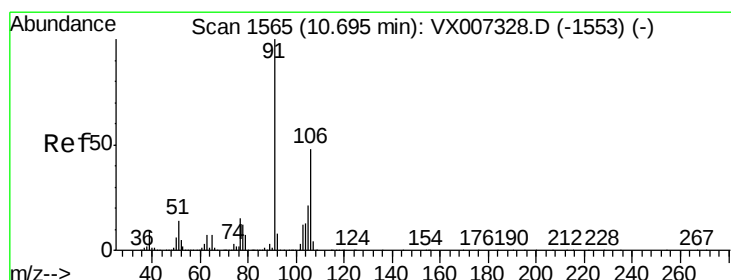
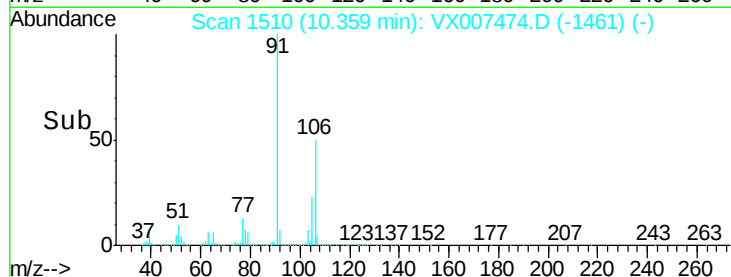
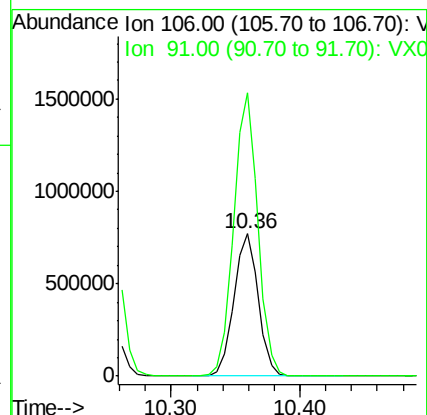
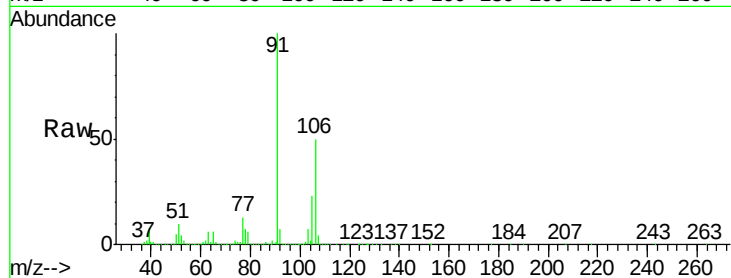




#68
m/p-Xylenes
Concen: 106.131 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

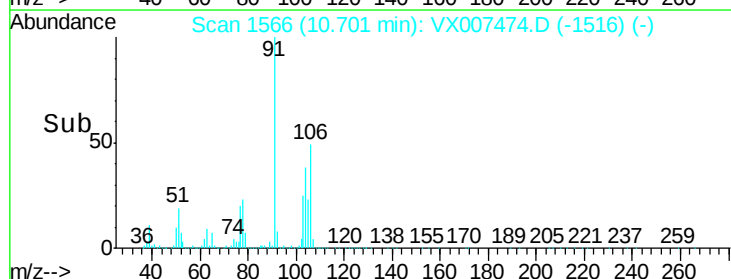
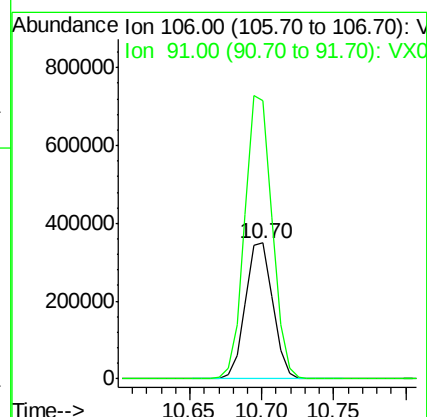
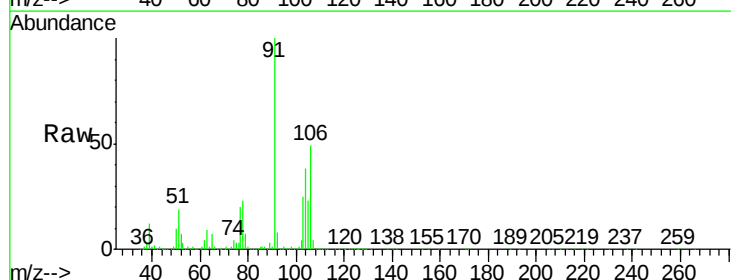
Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MSD

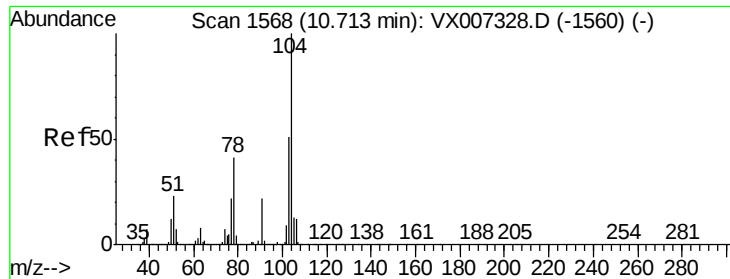
Tot Ion:106 Resp: 1017001
Ion Ratio Lower Upper
106 100
91 197.3 156.6 234.8



#69
o-Xylene
Concen: 50.173 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

Tgt Ion:106 Resp: 462636
Ion Ratio Lower Upper
106 100
91 207.5 102.9 308.7





#70

Stvrene

Concen: 50.000 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

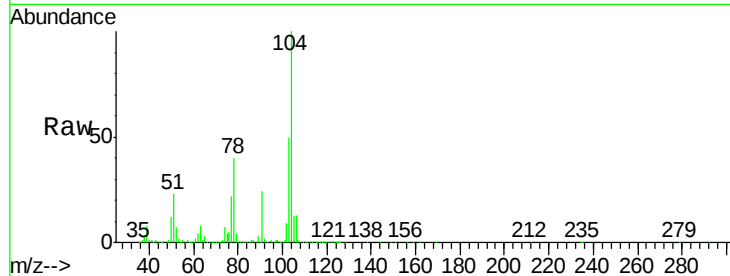
Tot Ion:104 Resp: 747700

Ion Ratio Lower Upper

104 100

78 47.5 38.3 57.5

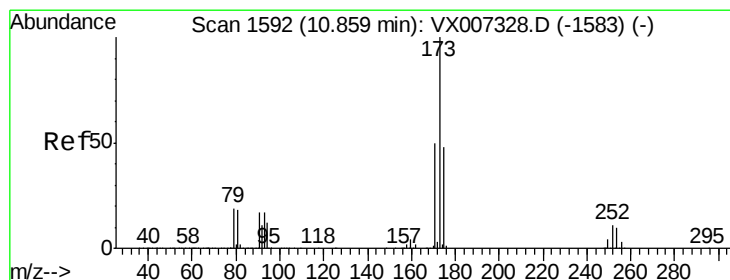
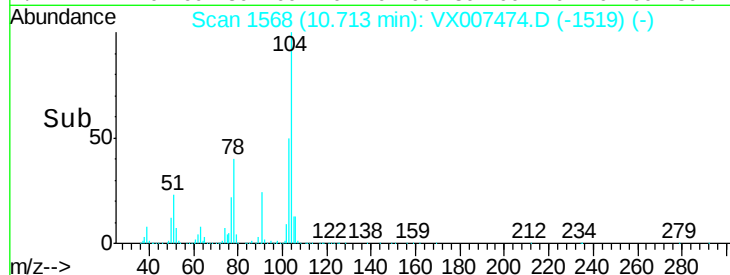
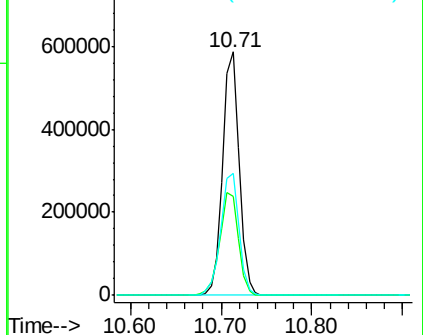
103 55.5 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 49.569 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

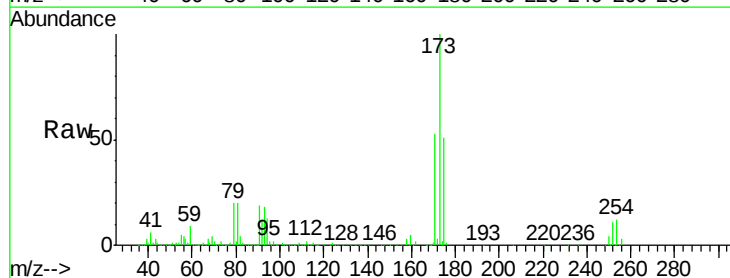
Tgt Ion:173 Resp: 218026

Ion Ratio Lower Upper

173 100

175 48.6 24.2 72.6

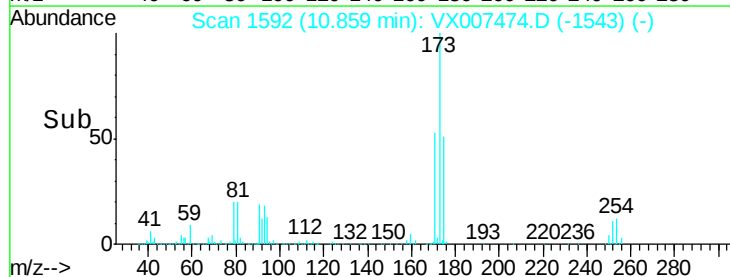
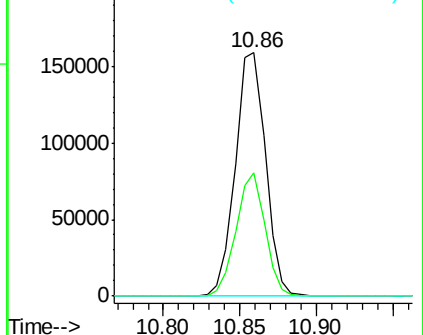
254 0.2 0.2 0.2

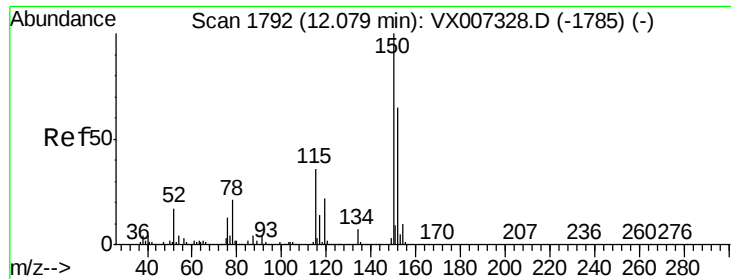


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

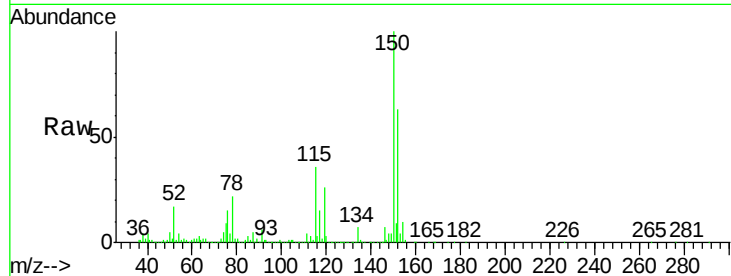
Tot Ion:152 Resp: 353339

Ion Ratio Lower Upper

152 100

115 78.7 38.0 114.0

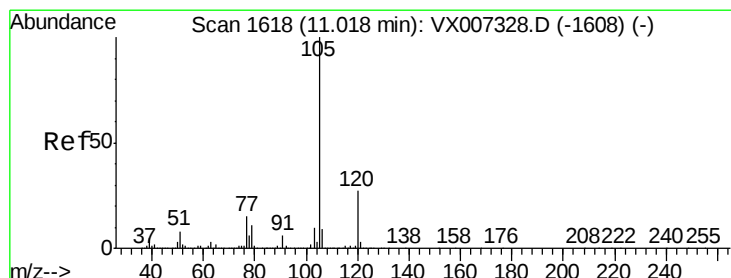
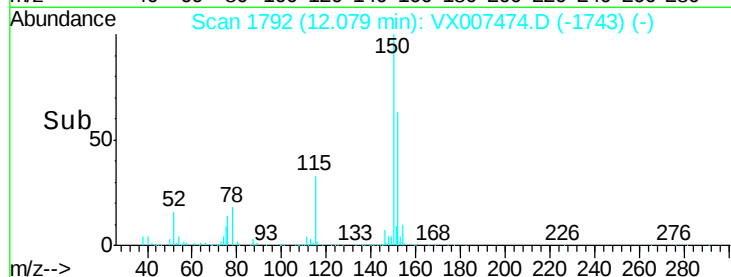
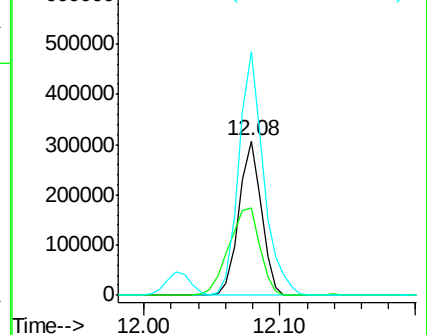
150 173.5 0.0 346.4



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: 240.008 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007474.D

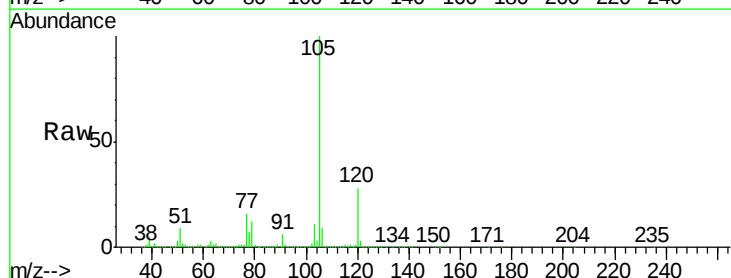
Acq: 11 Feb 2019 17:59

Tgt Ion:105 Resp: 5762893

Ion Ratio Lower Upper

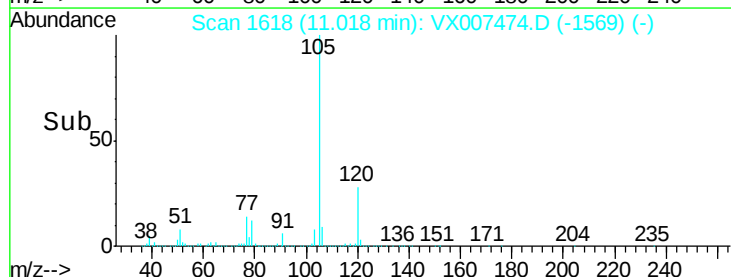
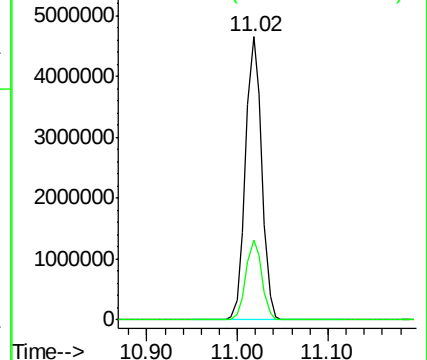
105 100

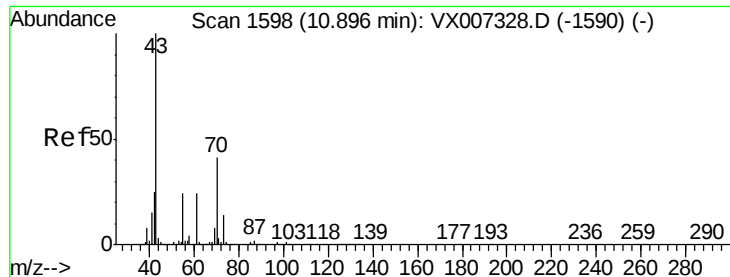
120 27.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.969 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

Tot Ion: 43 Resp: 464075

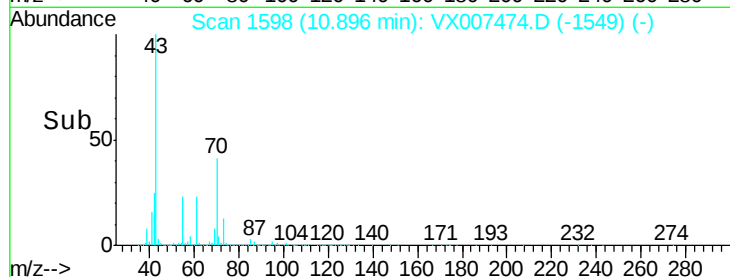
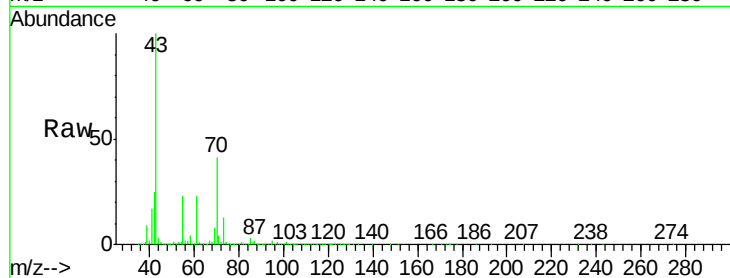
Ion	Ratio	Lower	Upper
43	100		
70	44.1	33.8	50.6
55	25.7	19.5	29.3
61	24.1	19.4	29.2

43 100

70 44.1 33.8 50.6

55 25.7 19.5 29.3

61 24.1 19.4 29.2



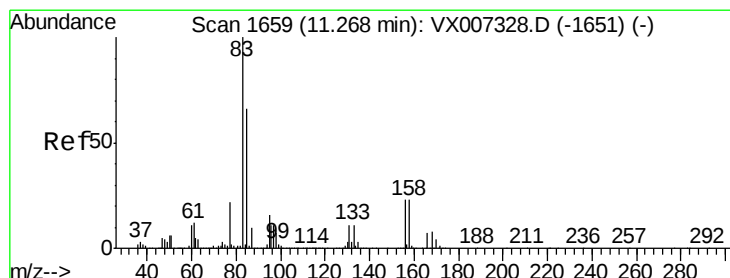
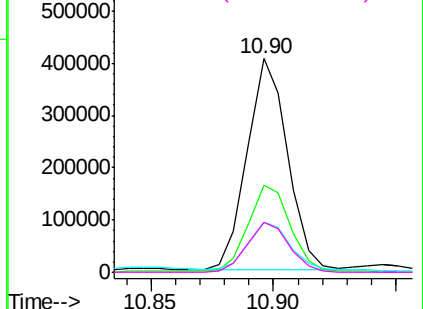
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 52.705 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

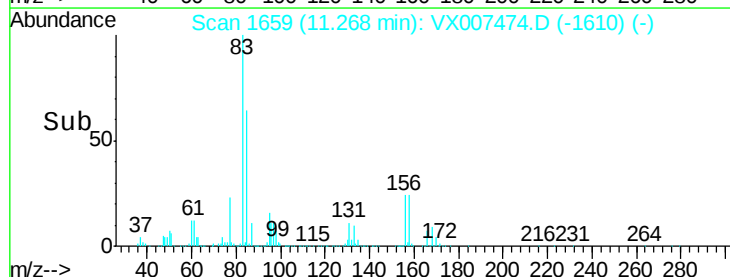
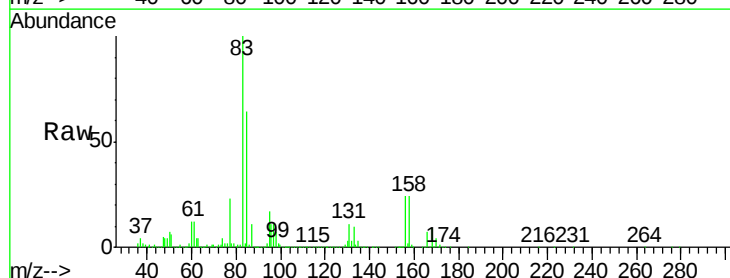
Tgt Ion: 83 Resp: 385677

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.7	17.0
85	65.5	32.8	98.3

83 100

131 11.4 5.7 17.0

85 65.5 32.8 98.3

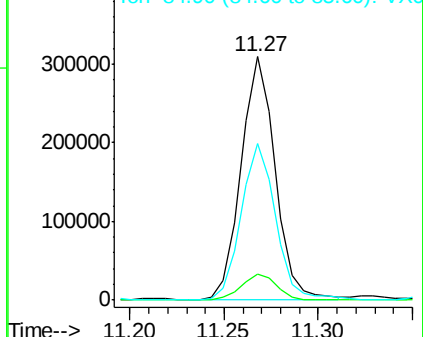


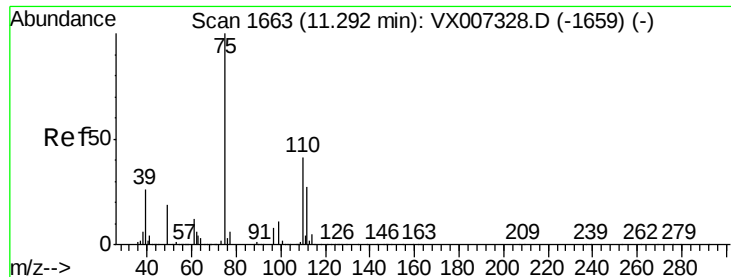
Abundance

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: 63.618 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

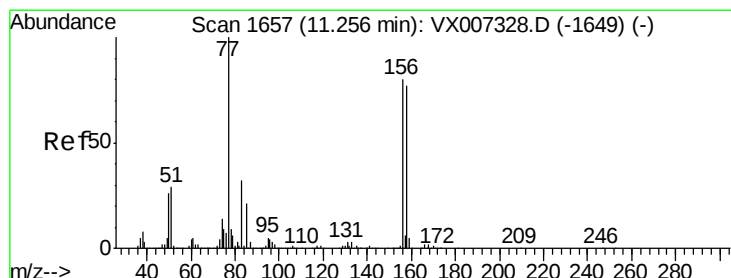
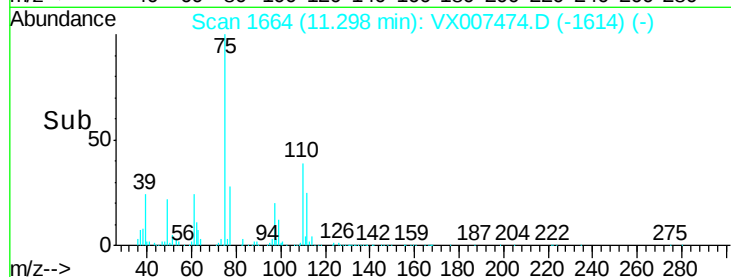
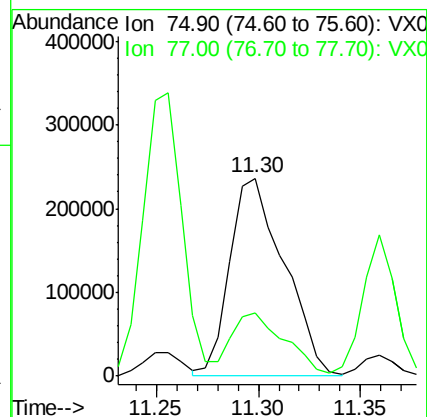
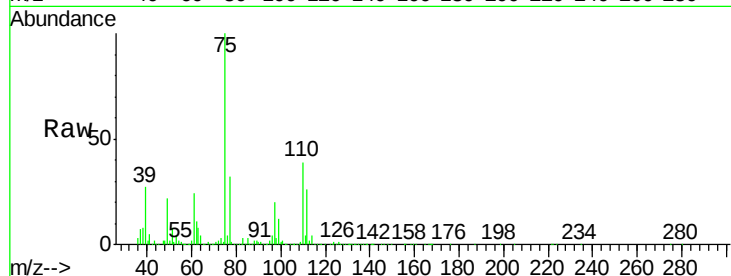
KY001MW020-190207MSD

Tot Ion: 75 Resp: 437239

Ion Ratio Lower Upper

75 100

77 30.6 23.0 69.0



#77

Bromobenzene

Concen: 48.896 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

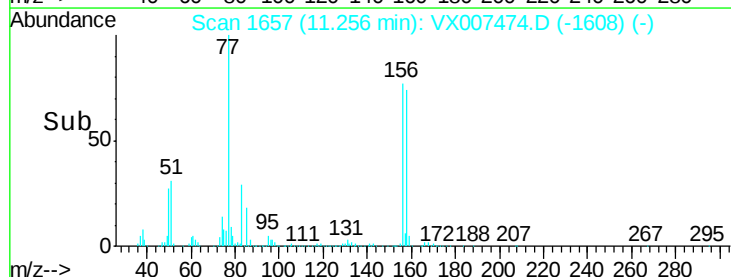
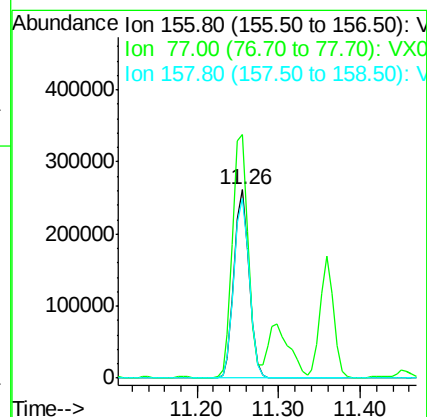
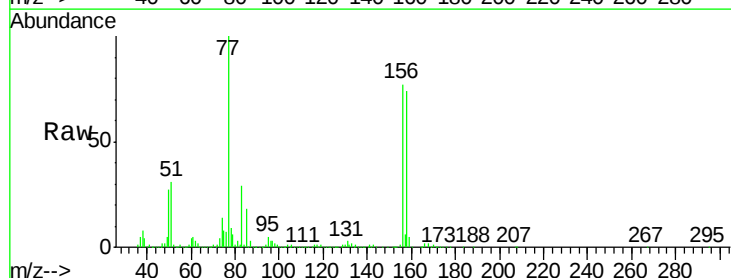
Tgt Ion: 156 Resp: 330800

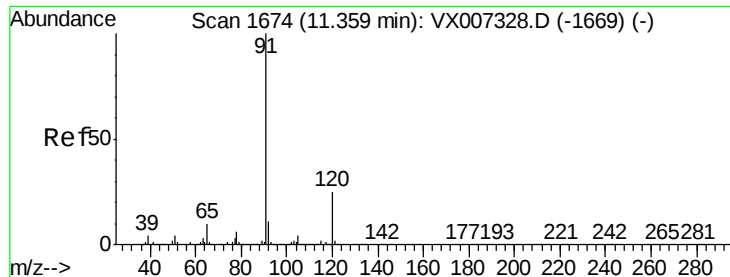
Ion Ratio Lower Upper

156 100

77 136.6 66.8 200.6

158 97.8 47.9 143.8





#78

n-propylbenzene

Concen: 181.730 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

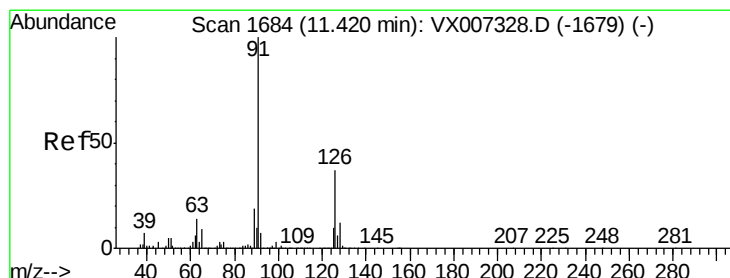
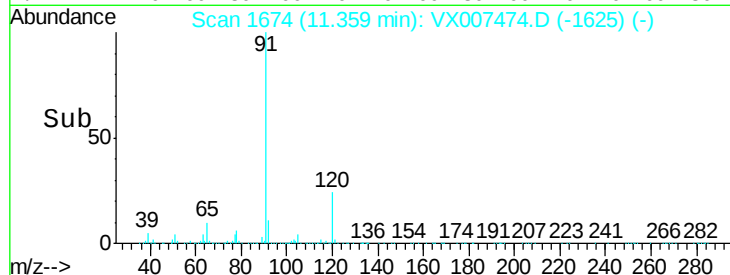
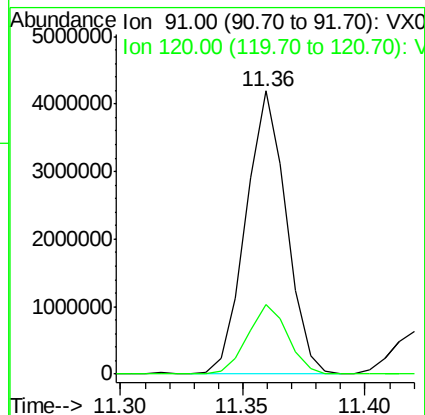
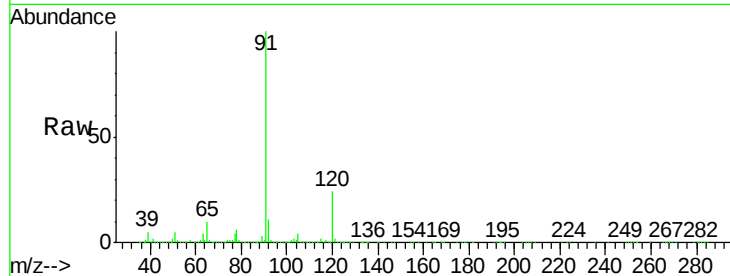
KY001MW020-190207MSD

Tot Ion: 91 Resp: 4784933

Ion Ratio Lower Upper

91 100

120 24.5 12.4 37.2



#79

2-Chlorotoluene

Concen: 50.149 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007474.D

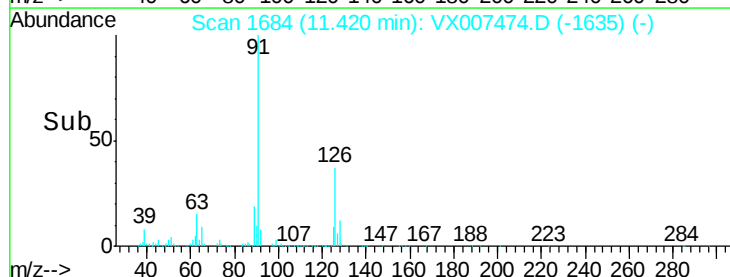
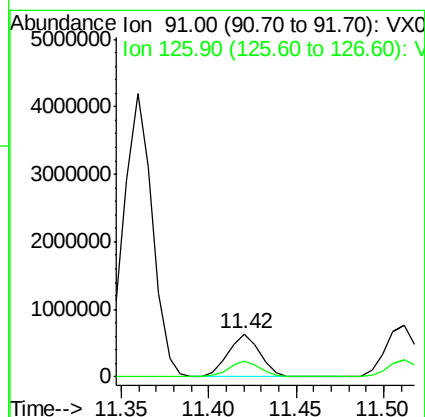
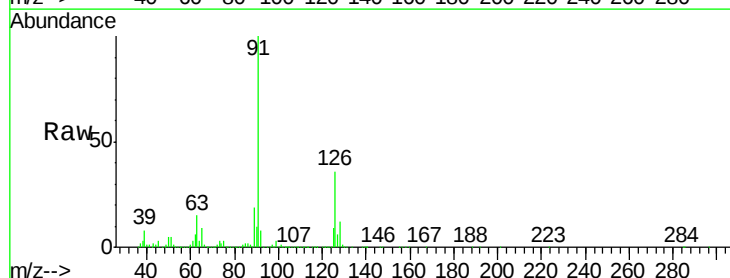
Acq: 11 Feb 2019 17:59

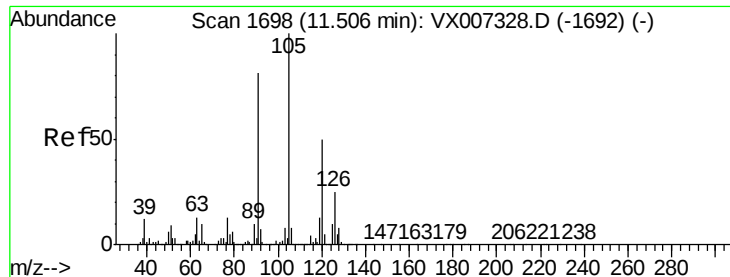
Tgt Ion: 91 Resp: 801205

Ion Ratio Lower Upper

91 100

126 37.2 18.7 56.1





#80

1,3,5-Trimethylbenzene

Concen: 54.462 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

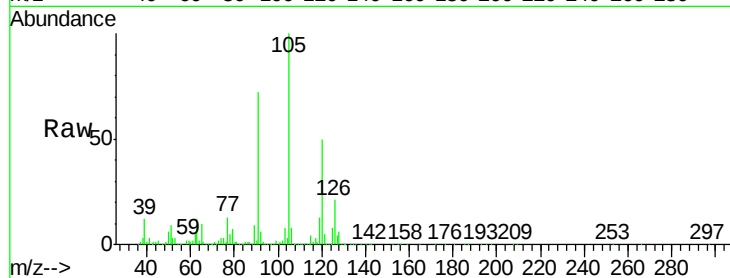
KY001MW020-190207MSD

Tot Ion:105 Resp: 1069856

Ion Ratio Lower Upper

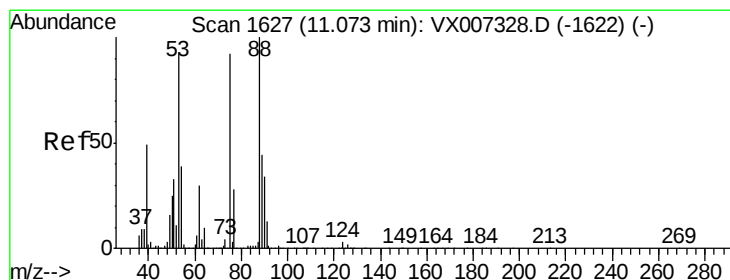
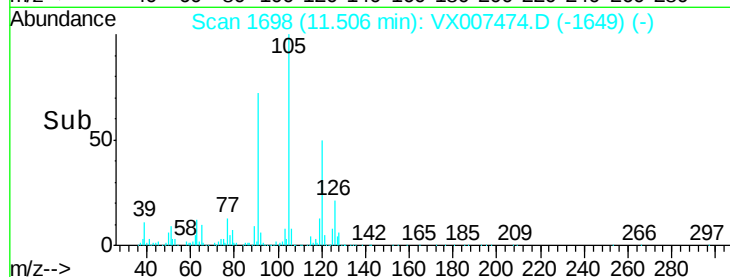
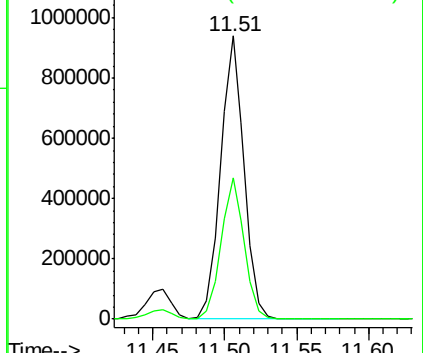
105 100

120 49.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 48.919 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

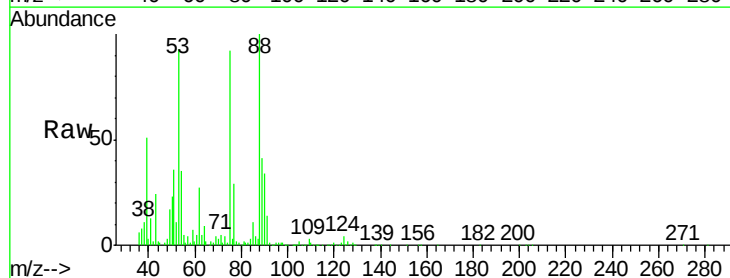
Tgt Ion: 75 Resp: 108553

Ion Ratio Lower Upper

75 100

53 100.6 81.0 121.6

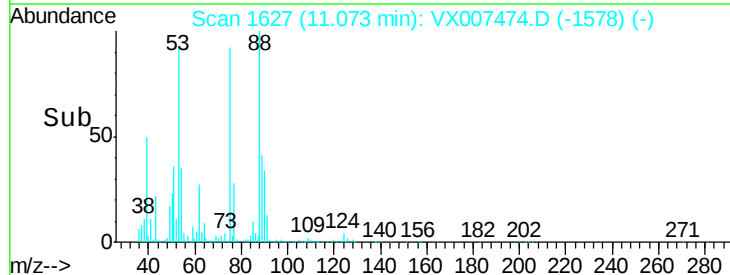
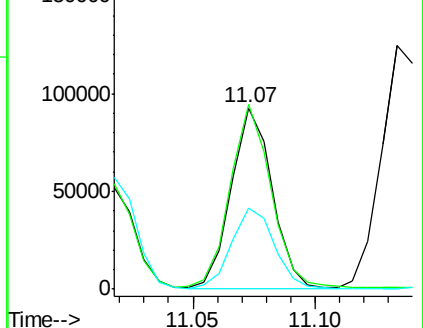
89 46.8 41.4 62.0

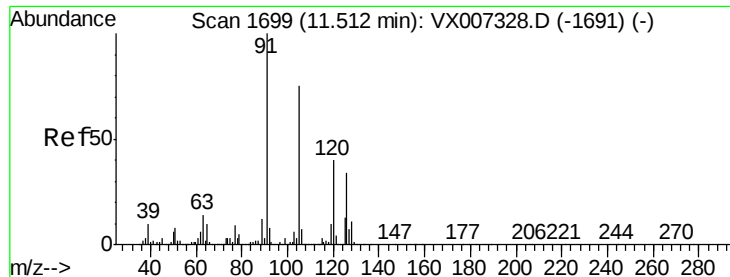


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

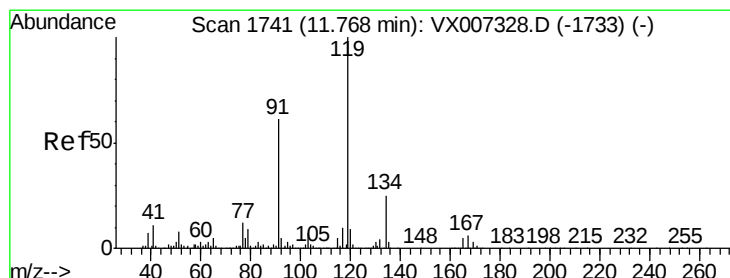
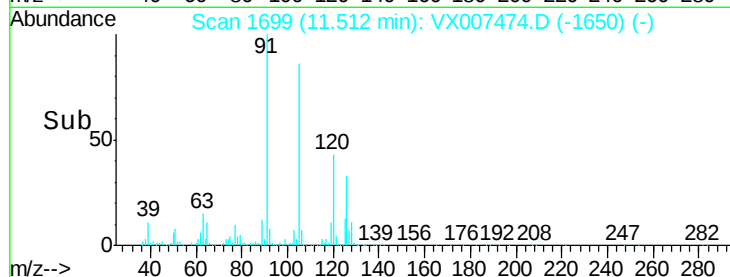
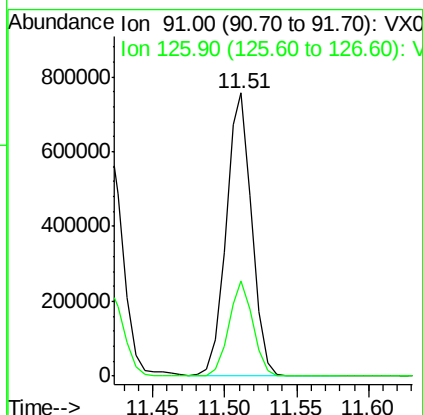
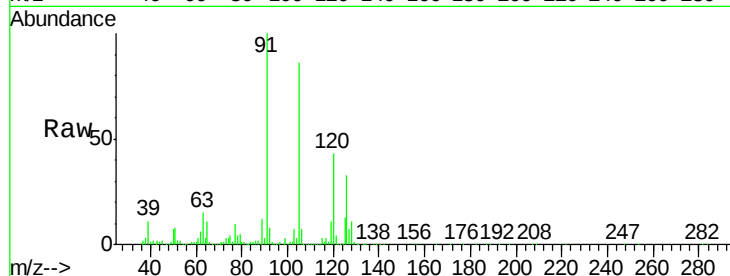




#82
4-Chlorotoluene
Concen: 50.860 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

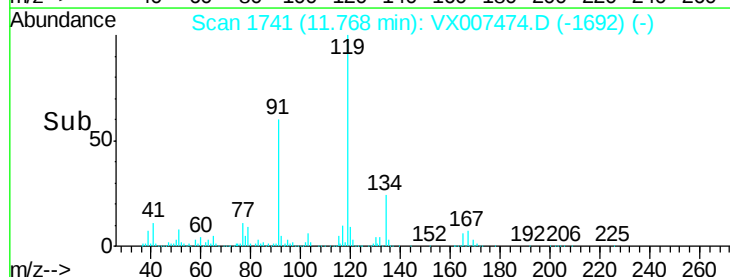
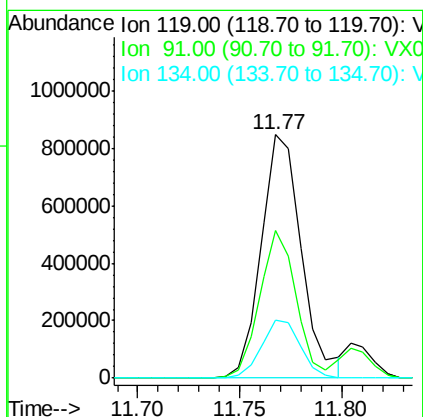
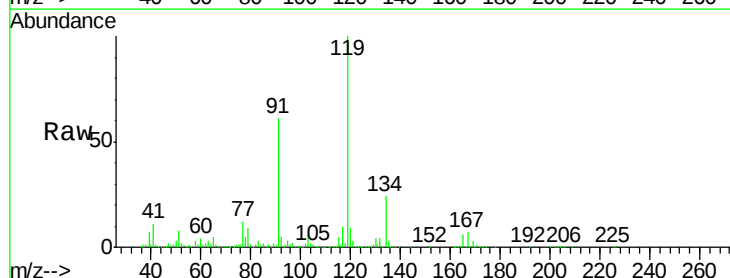
Instrument :
MSVOA_X
ClientSampleId :
KY001MW020-190207MSD

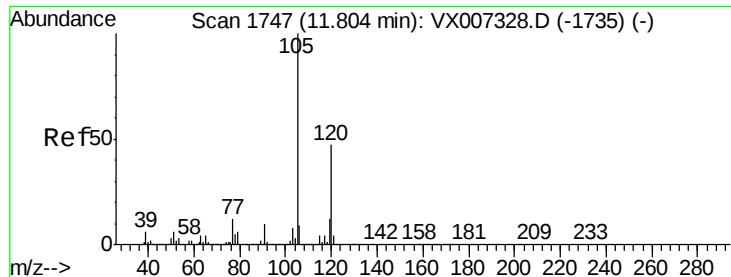
Tot Ion: 91 Resp: 940225
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.5



#83
tert-Butylbenzene
Concen: 59.931 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007474.D
Acq: 11 Feb 2019 17:59

Tgt Ion: 119 Resp: 1165586
Ion Ratio Lower Upper
119 100
91 54.9 28.5 85.6
134 23.1 12.0 36.0





#84

1,2,4-Trimethylbenzene

Concen: 58.857 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

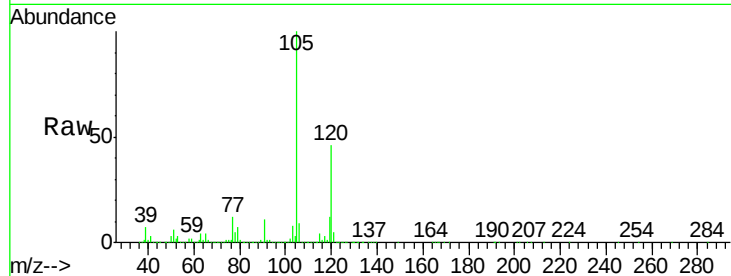
KY001MW020-190207MSD

Tot Ion:105 Resp: 1173812

Ion Ratio Lower Upper

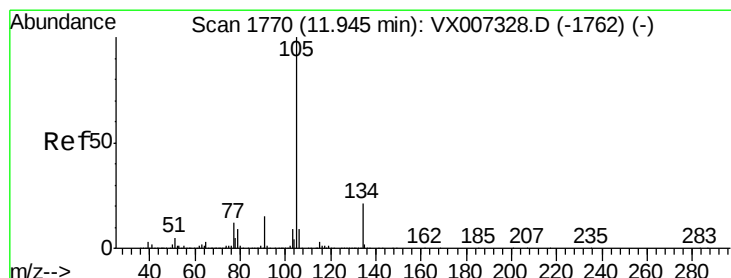
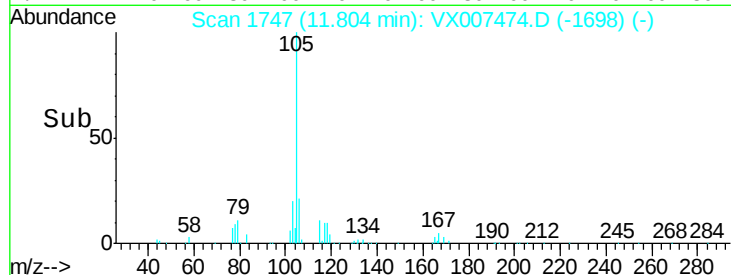
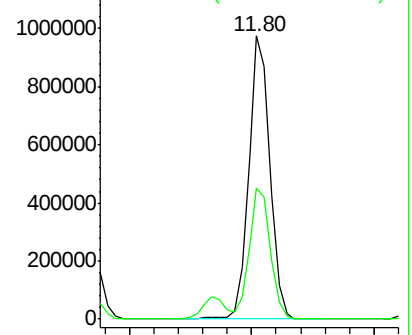
105 100

120 45.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 66.195 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007474.D

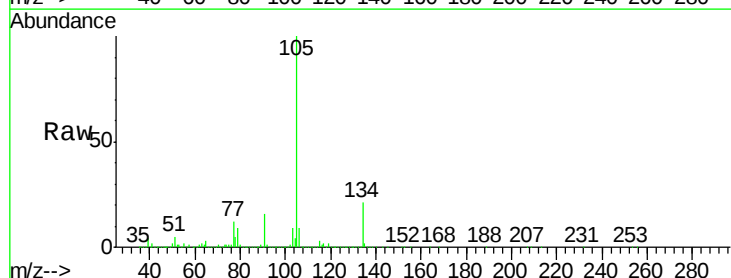
Acq: 11 Feb 2019 17:59

Tgt Ion:105 Resp: 1558187

Ion Ratio Lower Upper

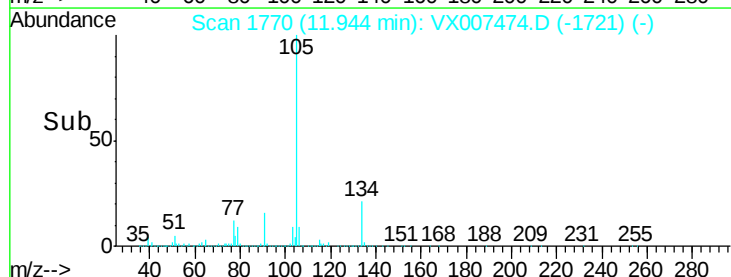
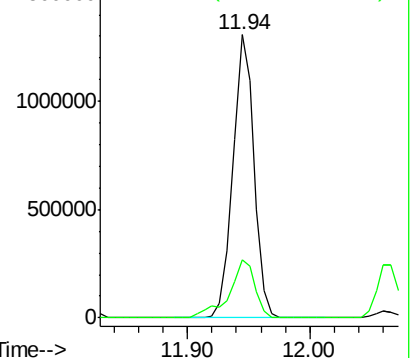
105 100

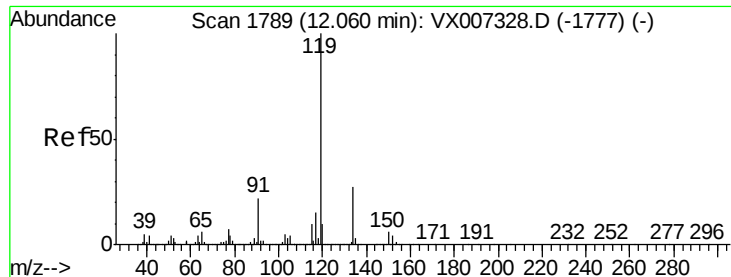
134 25.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

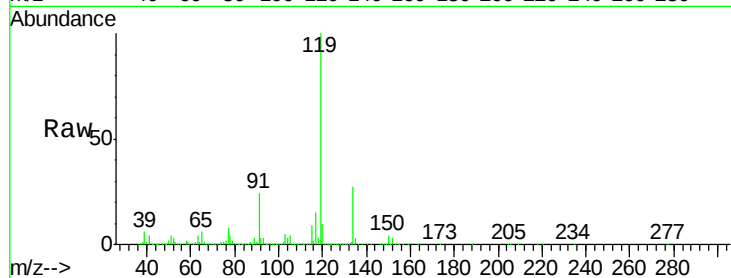




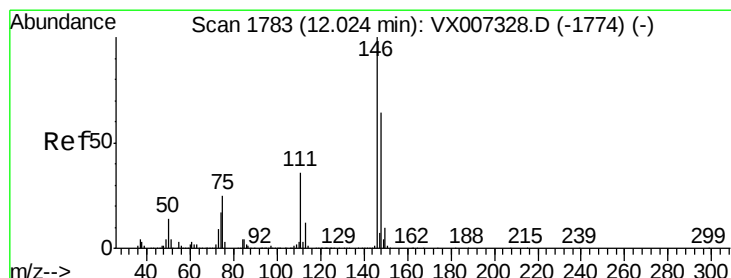
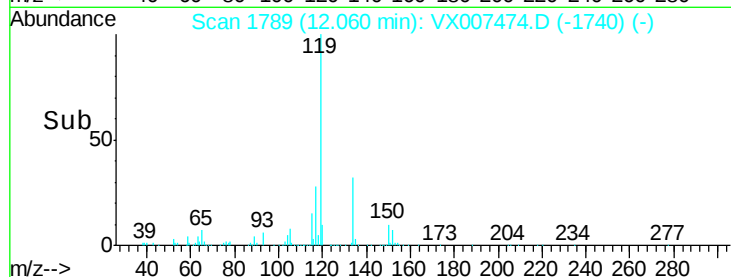
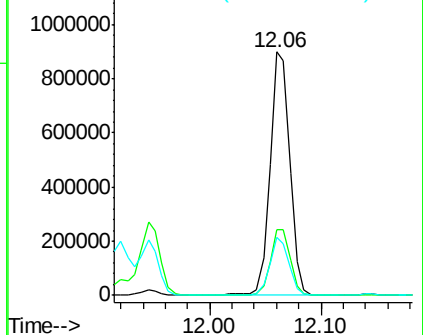
#86
 p-Isopropyltoluene
 Concen: 52.288 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MSD

Tot Ion:119 Resp: 1111054
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.7 41.1
 91 23.1 11.2 33.5

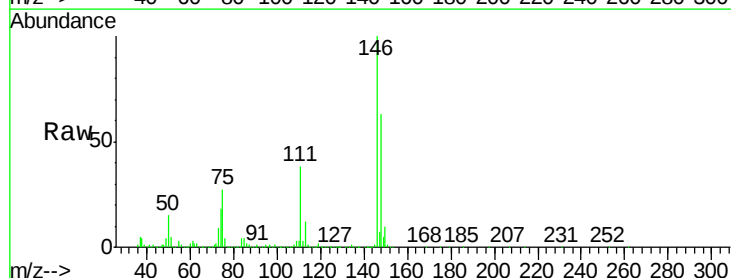


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

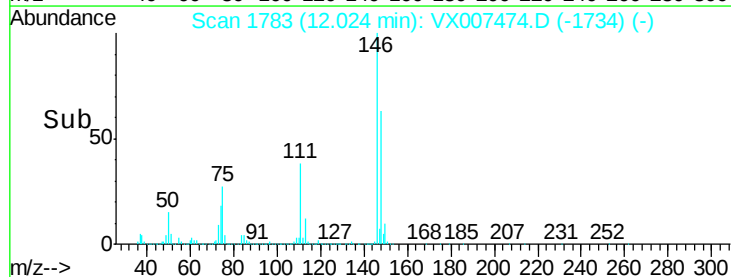
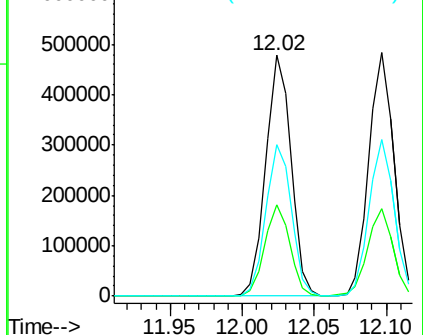


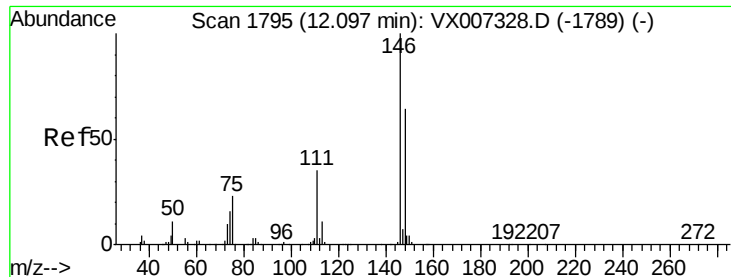
#87
 1,3-Dichlorobenzene
 Concen: 47.753 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Tgt Ion:146 Resp: 579795
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 63.8 32.0 96.2



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

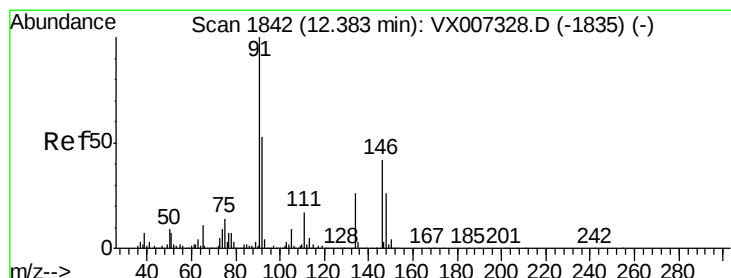
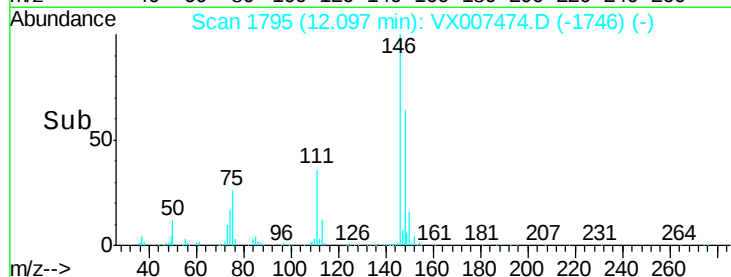
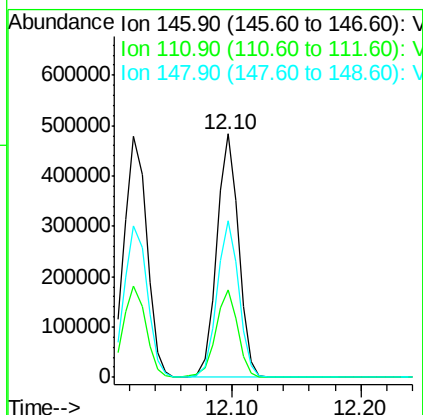
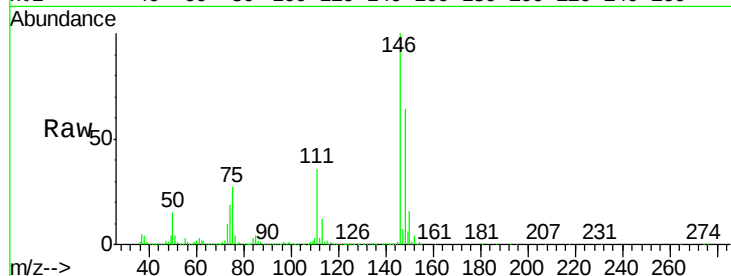




#88
 1,4-Dichlorobenzene
 Concen: 46.971 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

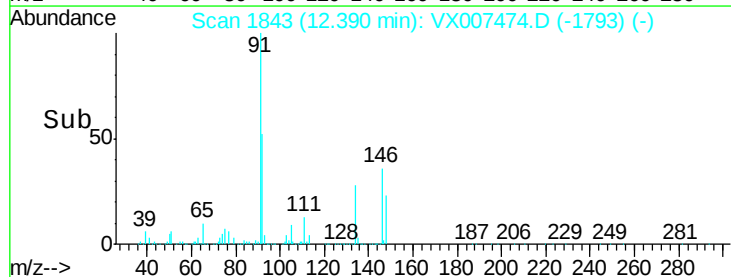
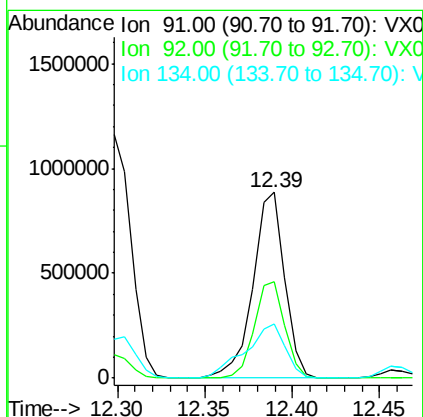
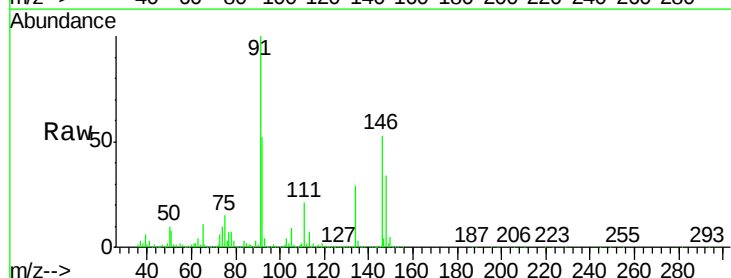
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MSD

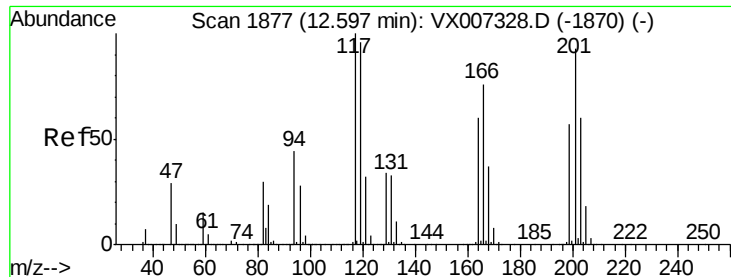
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.5	32.3	96.9



#89
 n-Butylbenzene
 Concen: 61.252 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.3	78.9
134	36.7	13.9	41.6





#90

Hexachloroethane

Concen: 130.514 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

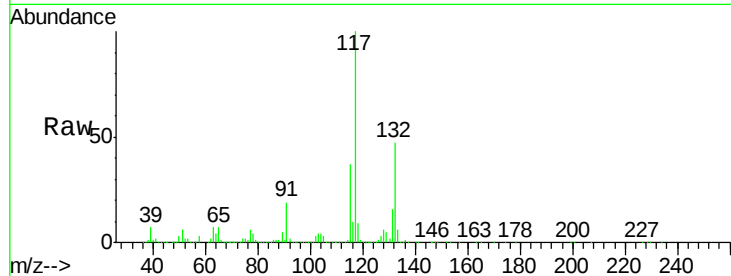
KY001MW020-190207MSD

Tot Ion:117 Resp: 415056

Ion Ratio Lower Upper

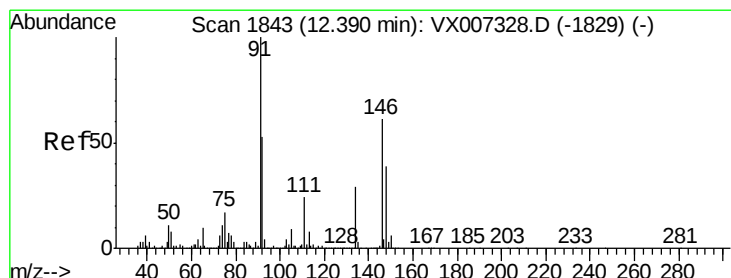
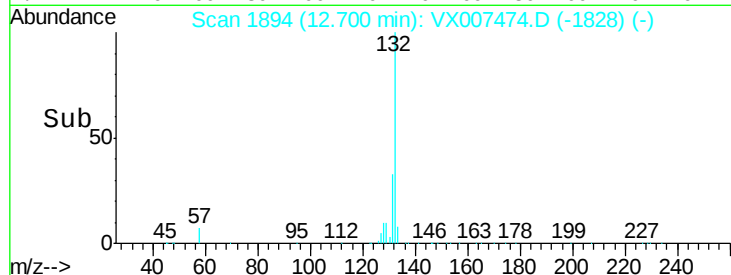
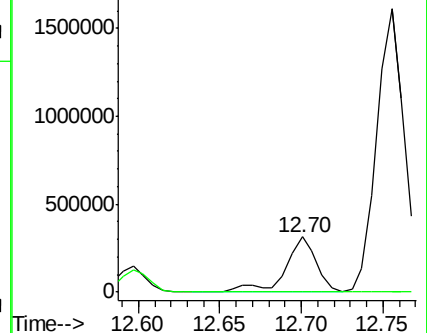
117 100

201 0.0 44.9 134.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.340 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

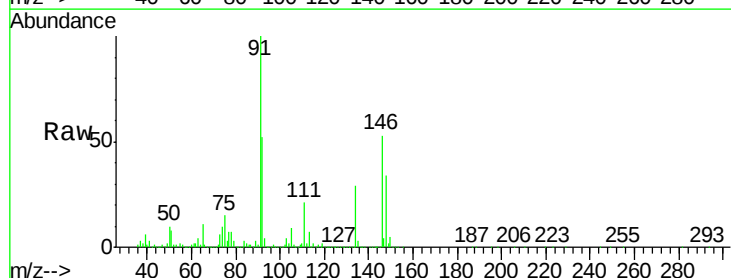
Tgt Ion:146 Resp: 584095

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

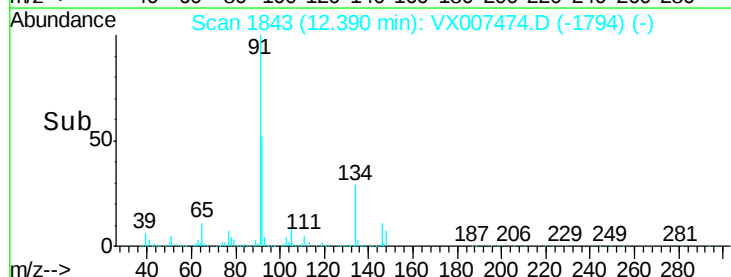
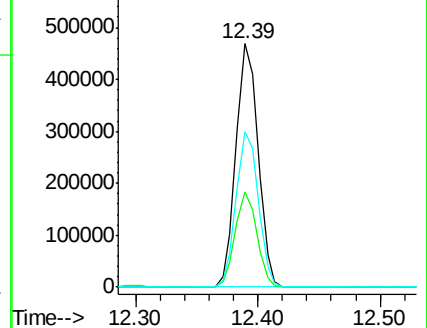
148 64.0 32.1 96.3

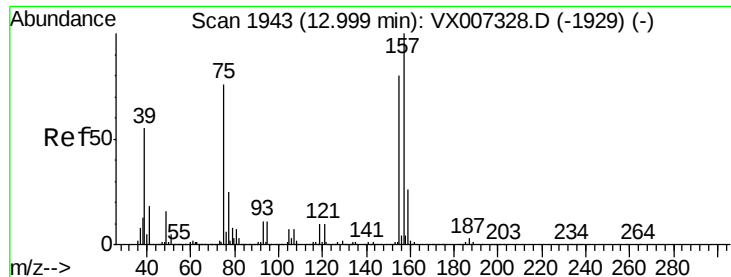


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 58.835 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

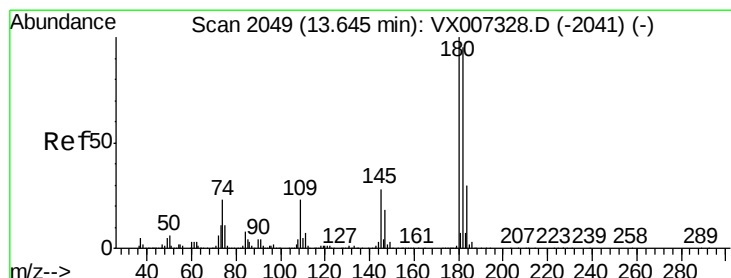
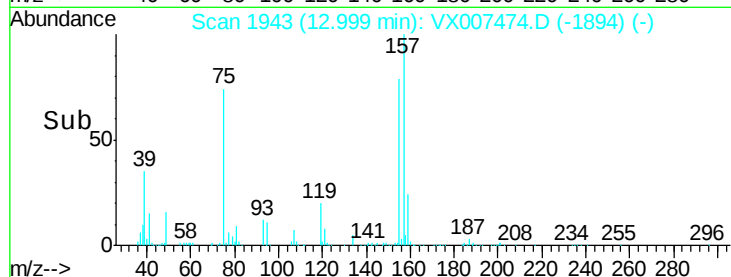
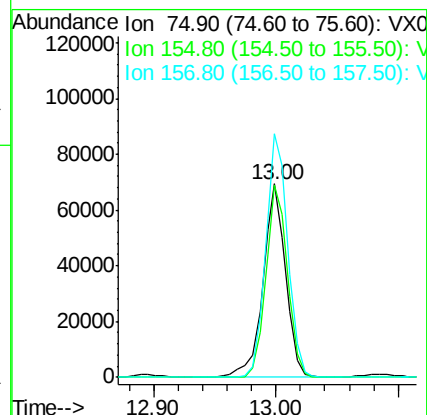
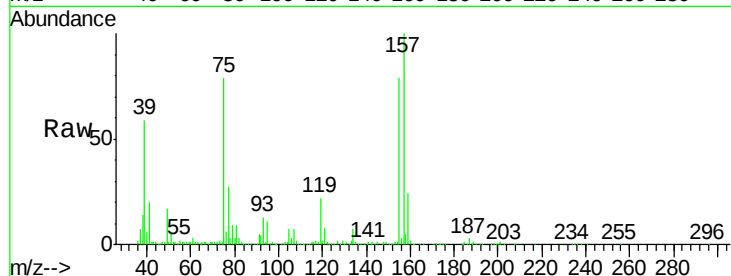
Tot Ion: 75 Resp: 89522

Ion Ratio Lower Upper

75 100

155 95.0 49.6 149.0

157 122.0 65.1 195.3



#93

1,2,4-Trichlorobenzene

Concen: 51.420 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

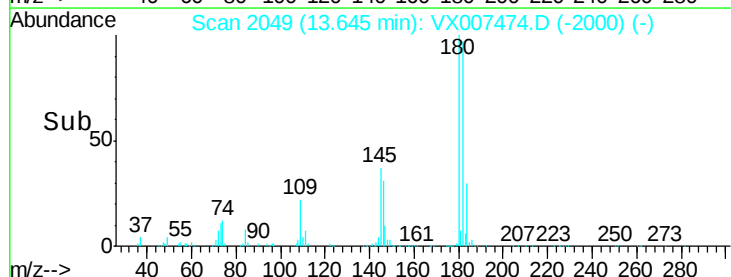
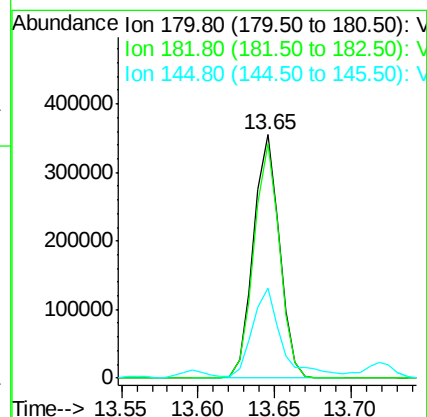
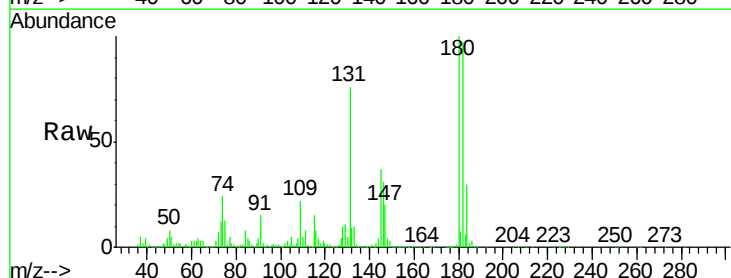
Tgt Ion:180 Resp: 419004

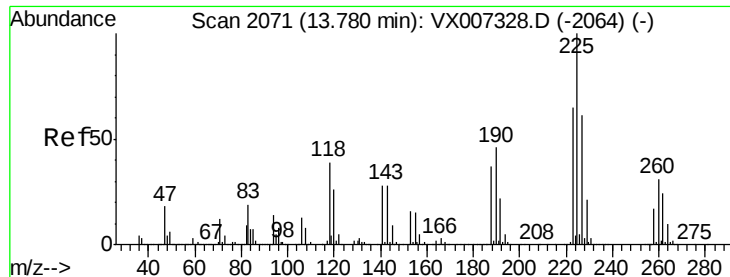
Ion Ratio Lower Upper

180 100

182 95.4 47.8 143.3

145 42.2 14.1 42.2#





#94

Hexachlorobutadiene

Concen: 50.279 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

Instrument :

MSVOA_X

ClientSampleId :

KY001MW020-190207MSD

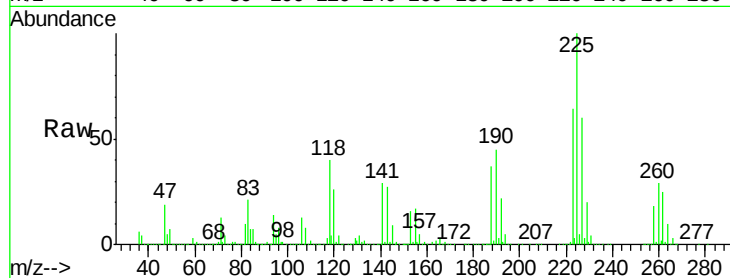
Tot Ion:225 Resp: 198943

Ion Ratio Lower Upper

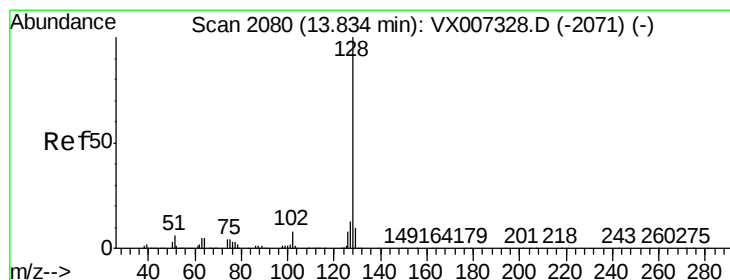
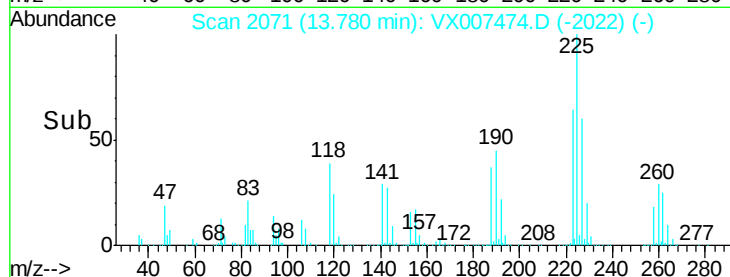
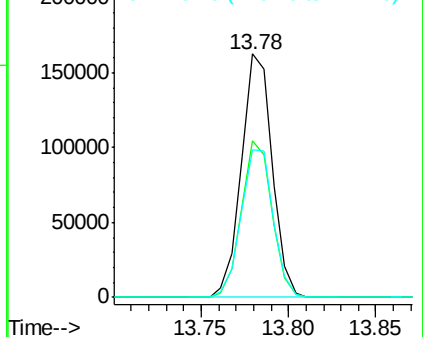
225 100

223 63.7 31.6 94.8

227 63.3 32.1 96.3



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: 64.994 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007474.D

Acq: 11 Feb 2019 17:59

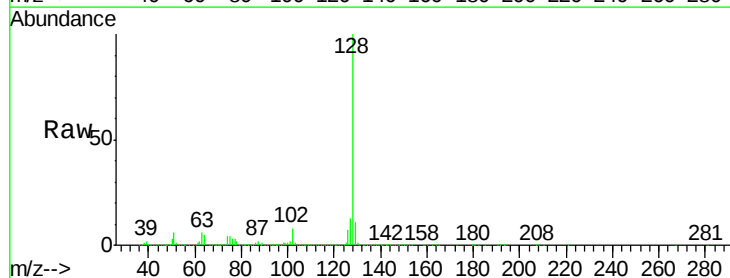
Tgt Ion:128 Resp: 1548755

Ion Ratio Lower Upper

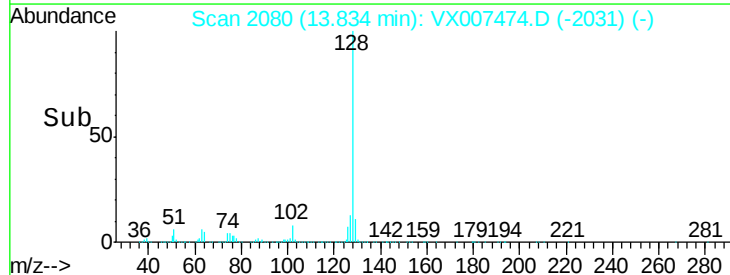
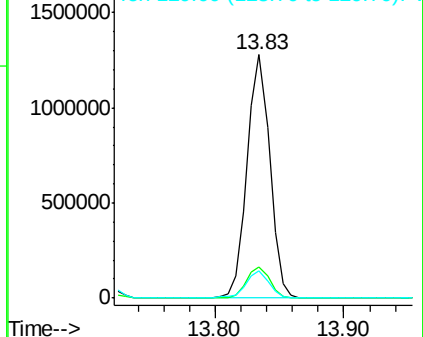
128 100

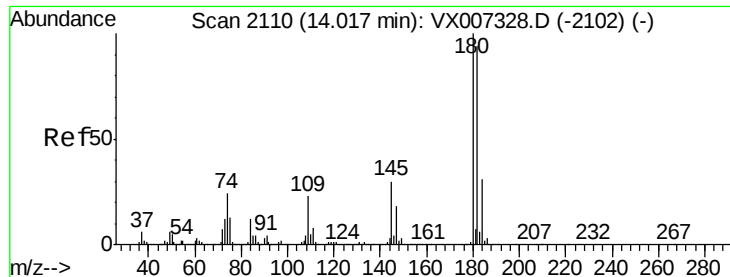
127 13.1 10.5 15.7

129 11.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

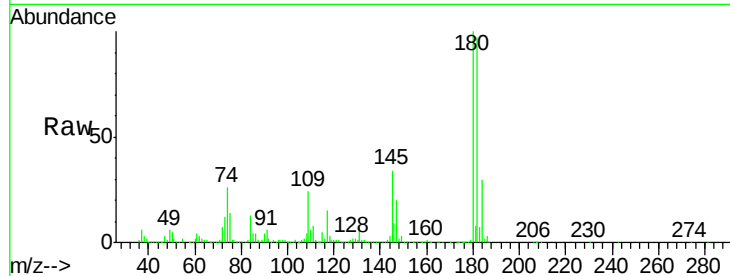




#96
 1,2,3-Trichlorobenzene
 Concen: 49.868 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007474.D
 Acq: 11 Feb 2019 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.5	142.6
145	33.6	14.9	44.5



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

