

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060718\
 Data File : VX002390.D
 Acq On : 07 Jun 2018 20:47
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 08 01:49:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314321	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196388	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	74390	25.85	ug/l	0.00
Spiked Amount			Recovery	=	51.70%	
35) Dibromofluoromethane	5.51	113	57068	23.09	ug/l	0.00
Spiked Amount			Recovery	=	46.18%	
50) Toluene-d8	8.72	98	205013	21.64	ug/l	0.00
Spiked Amount			Recovery	=	43.28%	
62) 4-Bromofluorobenzene	11.14	95	81049	22.18	ug/l	0.00
Spiked Amount			Recovery	=	44.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	78562	39.98	ug/l	99
3) Chloromethane	1.32	50	118153	52.62	ug/l	98
4) Vinyl Chloride	1.41	62	119883	48.40	ug/l	99
5) Bromomethane	1.64	94	79257	57.02	ug/l	99
6) Chloroethane	1.71	64	89158	55.65	ug/l	99
7) Trichlorofluoromethane	1.92	101	180609	47.86	ug/l	97
8) Diethyl Ether	2.19	74	93184	70.47	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	92611	45.48	ug/l	99
10) Methyl Iodide	2.51	142	140626	49.10	ug/l	100
11) Tert butyl alcohol	3.09	59	186196	343.47	ug/l	98
12) 1,1-Dichloroethene	2.37	96	101910	50.64	ug/l	97
13) Acrolein	2.29	56	64308	239.16	ug/l	100
14) Allyl chloride	2.73	41	229217	52.48	ug/l	99
15) Acrylonitrile	3.15	53	403422	354.69	ug/l	100
16) Acetone	2.45	43	378603	331.92	ug/l	100
17) Carbon Disulfide	2.57	76	232545	43.84	ug/l	98
18) Methyl Acetate	2.78	43	196231	73.74	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	488539	70.70	ug/l	99
20) Methylene Chloride	2.86	84	142514	67.65	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	119327	53.77	ug/l	98
22) Diisopropyl ether	3.88	45	448140	61.77	ug/l	99
23) Vinyl Acetate	3.83	43	1991206	281.24	ug/l	99
24) 1,1-Dichloroethane	3.70	63	214951	49.80	ug/l	99
25) 2-Butanone	4.71	43	524920	283.19	ug/l	100
26) 2,2-Dichloropropane	4.59	77	145874	43.23	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	132884	55.06	ug/l	92
28) Bromochloromethane	5.03	49	116292	64.37	ug/l	100
29) Tetrahydrofuran	5.17	42	345362	288.99	ug/l	99
30) Chloroform	5.22	83	233248	56.00	ug/l	93
31) Cyclohexane	5.57	56	143017	41.90	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	180625	51.13	ug/l	100
36) 1,1-Dichloropropene	5.80	75	140108	42.40	ug/l	100
37) Ethyl Acetate	4.87	43	210934	53.08	ug/l	100
38) Carbon Tetrachloride	5.79	117	147844	42.77	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	137694	33.81	ug/l	99
40) Benzene	6.15	78	491576	48.52	ug/l	99
41) Methacrylonitrile	5.07	41	119010	52.31	ug/l	99
42) 1,2-Dichloroethane	6.20	62	206728	51.36	ug/l	99
43) Isopropyl Acetate	6.47	43	346943	51.40	ug/l	99
44) Trichloroethene	7.22	130	132916	47.27	ug/l	99
45) 1,2-Dichloropropane	7.52	63	136566	49.93	ug/l	98
46) Dibromomethane	7.67	93	94470	50.95	ug/l	99
47) Bromodichloromethane	7.90	83	170269	50.77	ug/l	98
48) Methyl methacrylate	7.78	41	177761	52.43	ug/l	98
49) 1,4-Dioxane	7.76	88	70066	1105.25	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1141256	271.51	ug/l	100
52) Toluene	8.79	92	317791	49.32	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	204791	50.92	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	192478	50.73	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	143522	54.15	ug/l	97
56) Ethyl methacrylate	9.18	69	224355	53.02	ug/l	99
57) 1,3-Dichloropropane	9.38	76	232970	52.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	523671	267.39	ug/l	99
59) 2-Hexanone	9.50	43	872770	268.82	ug/l	99
60) Dibromochloromethane	9.59	129	146455	54.94	ug/l	100
61) 1,2-Dibromoethane	9.68	107	149744	54.19	ug/l	99
64) Tetrachloroethene	9.34	164	138041	42.84	ug/l	99
65) Chlorobenzene	10.14	112	377639	48.58	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	142447	50.60	ug/l	100
67) Ethyl Benzene	10.26	91	613073	47.12	ug/l	100
68) m/p-Xylenes	10.36	106	477590	94.43	ug/l	100
69) o-Xylene	10.70	106	246981	49.07	ug/l	99
70) Styrene	10.71	104	420089	51.06	ug/l	99
71) Bromoform	10.86	173	112570	45.02	ug/l	100
73) Isopropylbenzene	11.02	105	616187	45.10	ug/l	100
74) N-amyl acetate	6.47	43	346943	47.13	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	216686	50.43	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	247741	57.49	ug/l	80
77) Bromobenzene	11.26	156	188353	49.11	ug/l	98
78) n-propylbenzene	11.37	91	684140	45.05	ug/l	99
79) 2-Chlorotoluene	11.43	91	441069	46.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536407	45.78	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54251	44.13	ug/l	95
82) 4-Chlorotoluene	11.51	91	517046	46.72	ug/l	99
83) tert-Butylbenzene	11.77	119	522493	45.79	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	572379	47.45	ug/l	99
85) sec-Butylbenzene	11.95	105	593286	44.35	ug/l	100
86) p-Isopropyltoluene	12.07	119	551078	45.23	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	329051	47.98	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	335514	47.47	ug/l	99
89) n-Butylbenzene	12.39	91	444329	43.48	ug/l	99
90) Hexachloroethane	12.60	117	85101	43.75	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	351177	49.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48961	52.11	ug/l	97

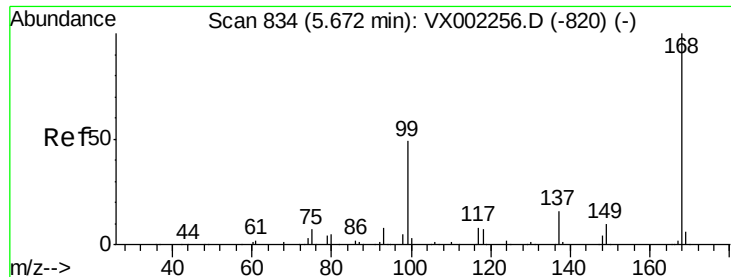
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	238183	47.87	ug/l	99
94) Hexachlorobutadiene	13.79	225	100275	40.79	ug/l	99
95) Naphthalene	13.84	128	754859	52.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	252219	49.71	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

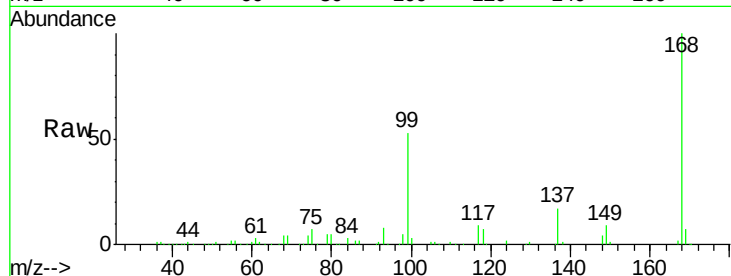
VSTDCCC050EC

Tot Ion:168 Resp: 189045

Ion Ratio Lower Upper

168 100

99 52.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

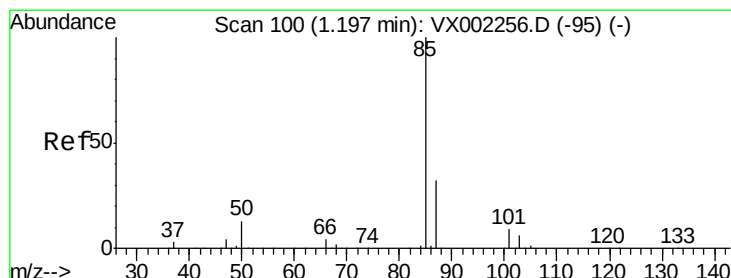
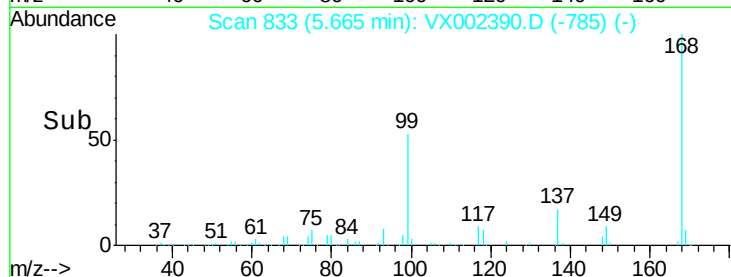
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 39.98 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002390.D

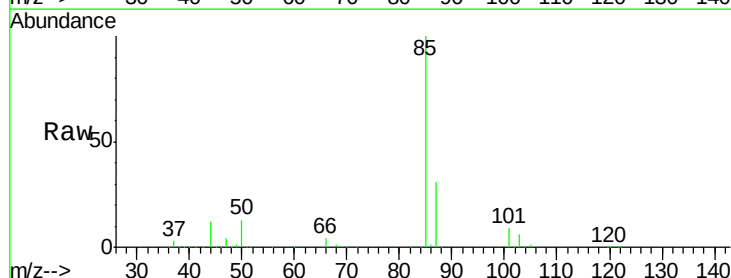
Acq: 07 Jun 2018 20:47

Tgt Ion: 85 Resp: 78562

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

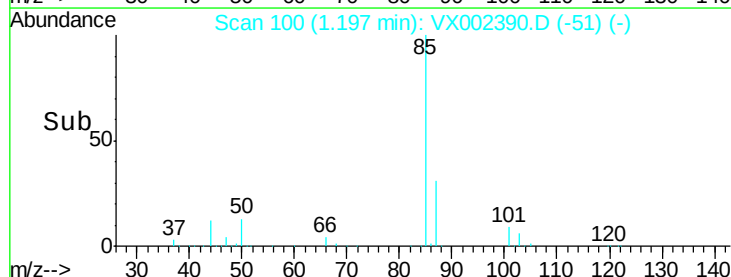
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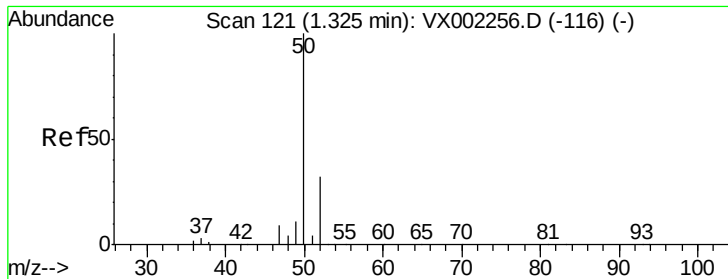
40000

20000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 52.62 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

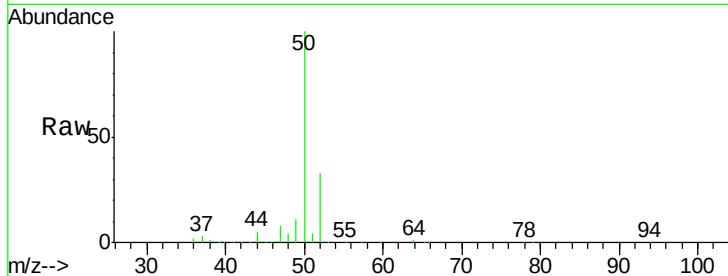
VSTDCCC050EC

Tot Ion: 50 Resp: 118153

Ion Ratio Lower Upper

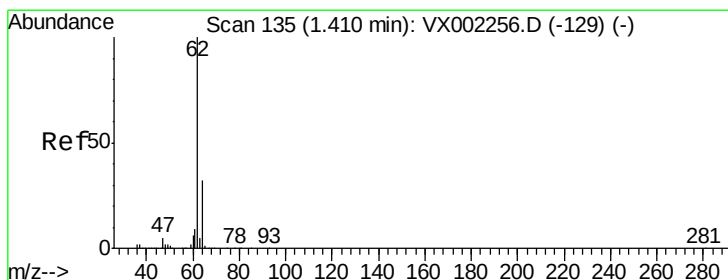
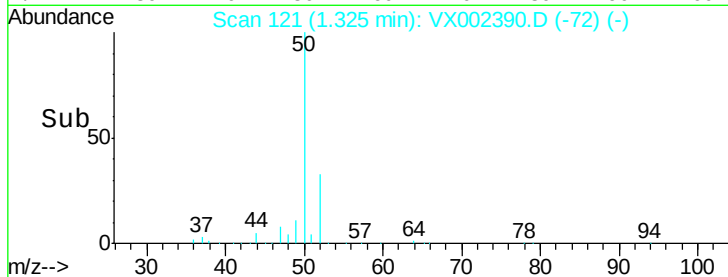
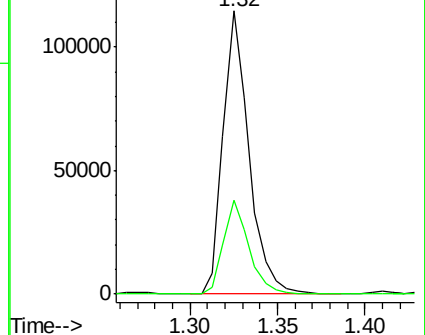
50 100

52 33.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.40 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002390.D

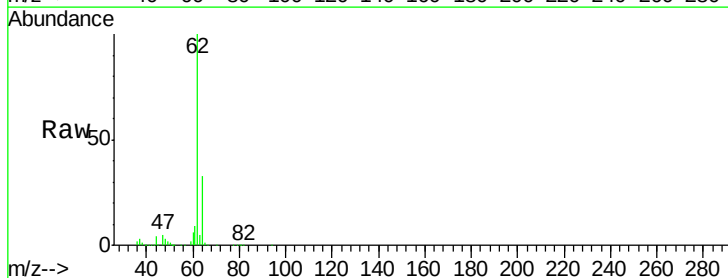
Acq: 07 Jun 2018 20:47

Tgt Ion: 62 Resp: 119883

Ion Ratio Lower Upper

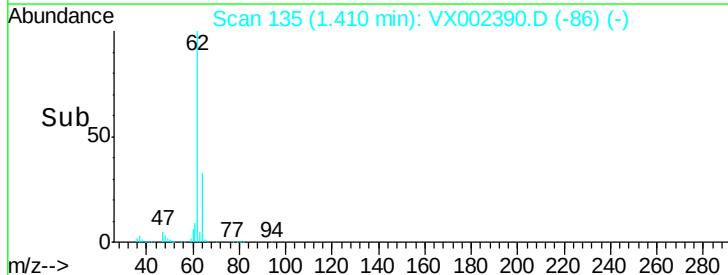
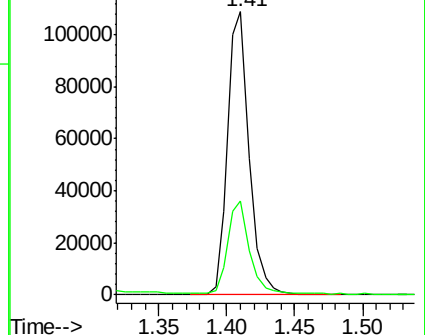
62 100

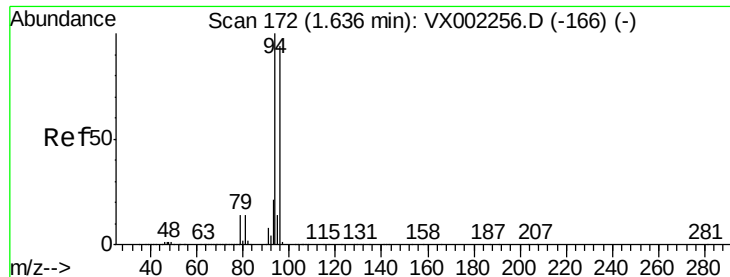
64 32.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.02 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

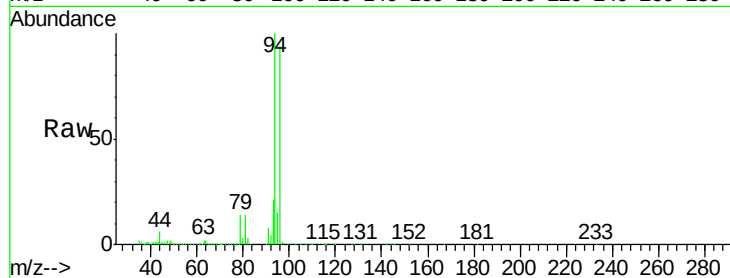
VSTDCCC050EC

Tot Ion: 94 Resp: 79257

Ion Ratio Lower Upper

94 100

96 94.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

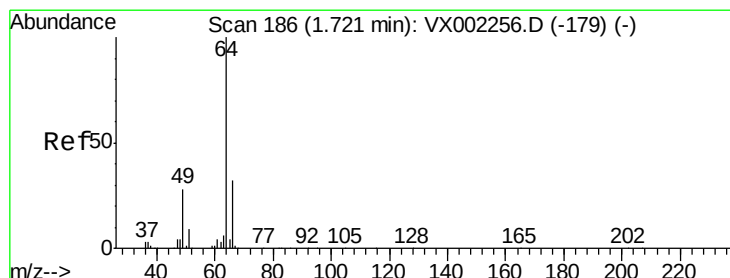
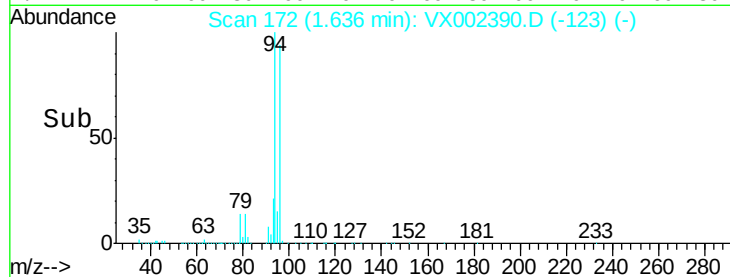
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 55.65 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002390.D

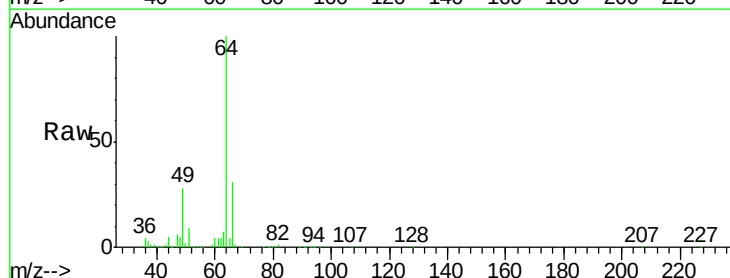
Acq: 07 Jun 2018 20:47

Tgt Ion: 64 Resp: 89158

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

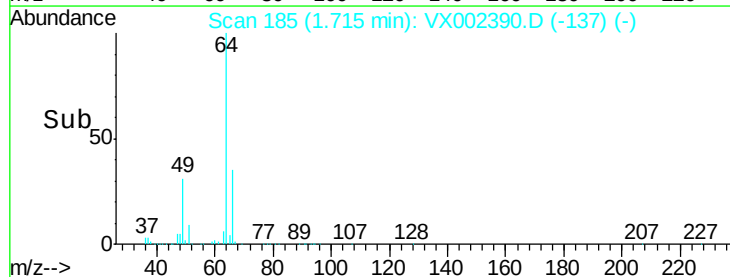
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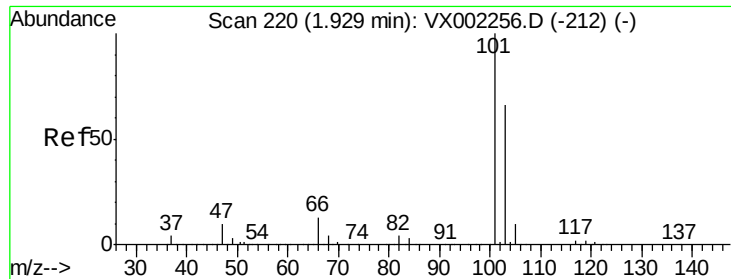
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20000

0

Time-->



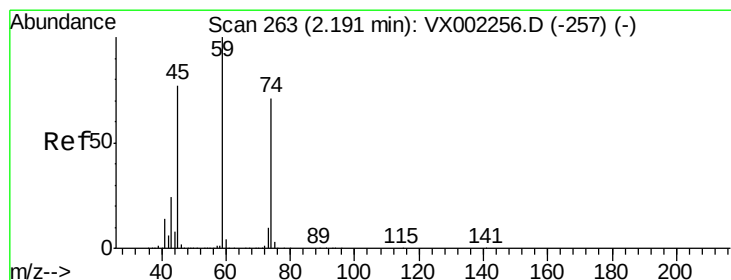
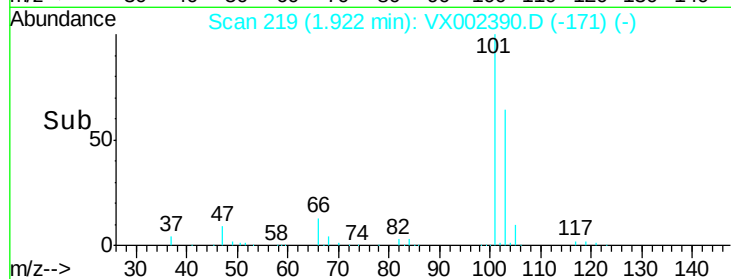
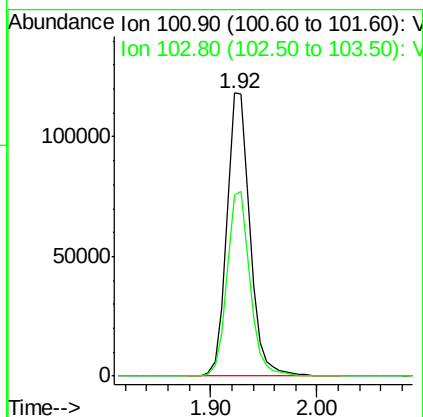
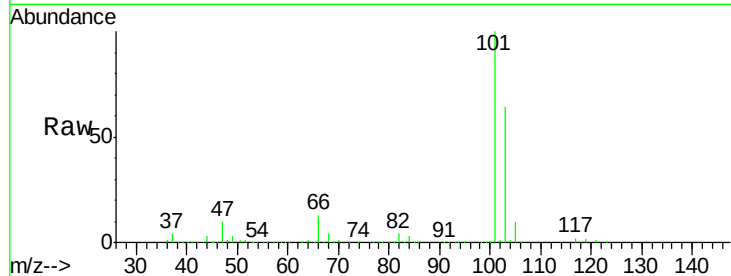


#7

Trichlorofluoromethane
 Concen: 47.86 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

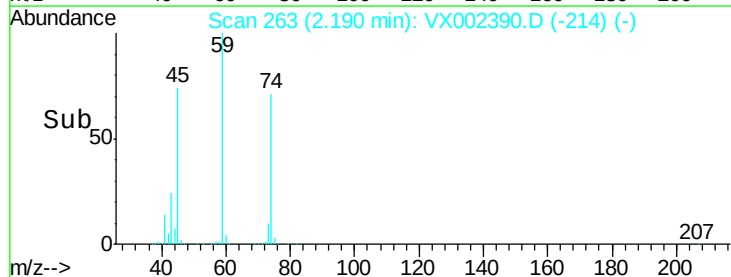
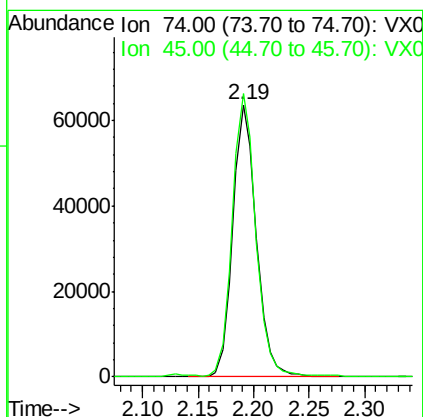
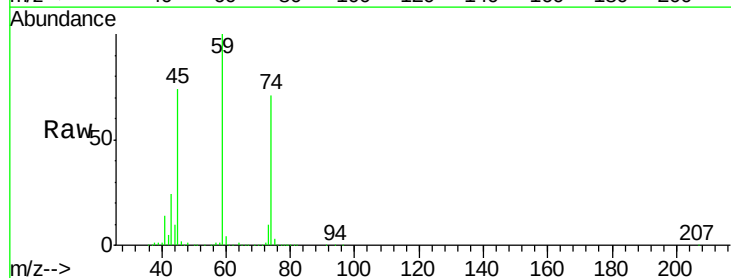
Tot Ion:101 Resp: 180609
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.8 79.2

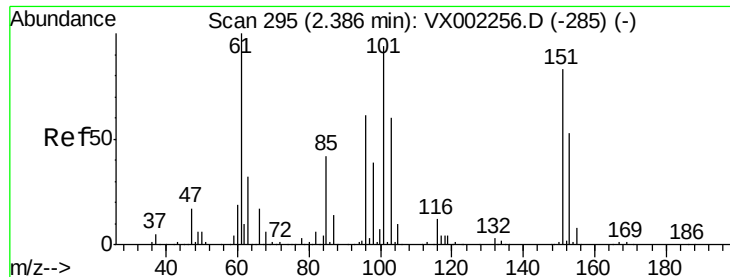


#8

Diethyl Ether
 Concen: 70.47 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Tgt Ion: 74 Resp: 93184
 Ion Ratio Lower Upper
 74 100
 45 103.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.48 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

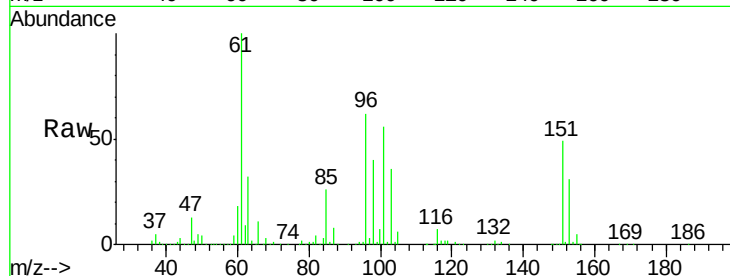
Tot Ion:101 Resp: 92611

Ion Ratio Lower Upper

101 100

85 46.0 36.0 54.0

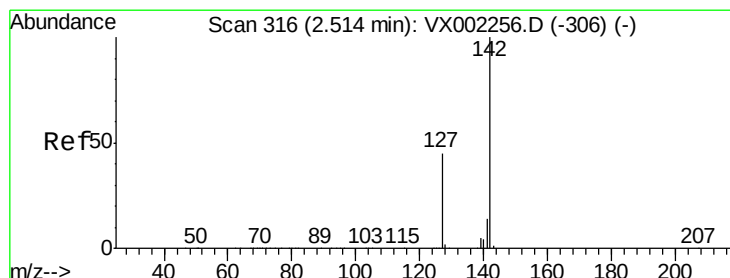
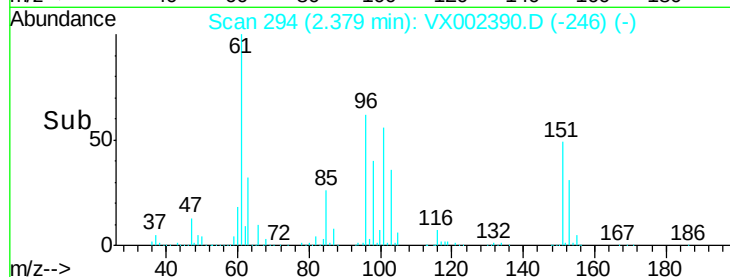
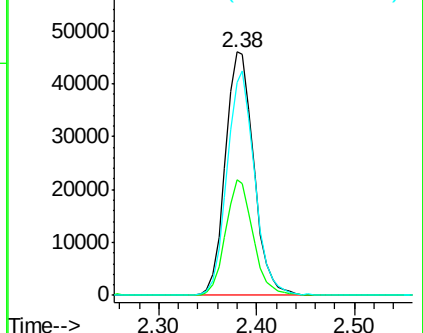
151 89.4 70.9 106.3



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: 49.10 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

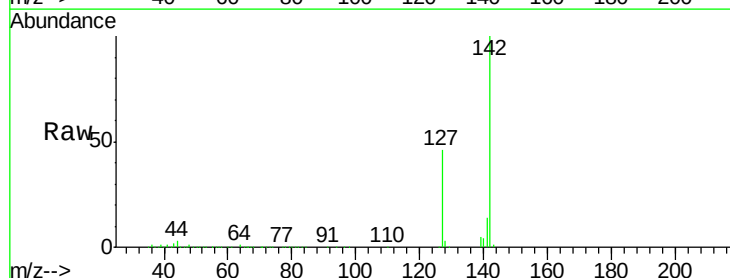
Tgt Ion:142 Resp: 140626

Ion Ratio Lower Upper

142 100

127 46.1 36.6 55.0

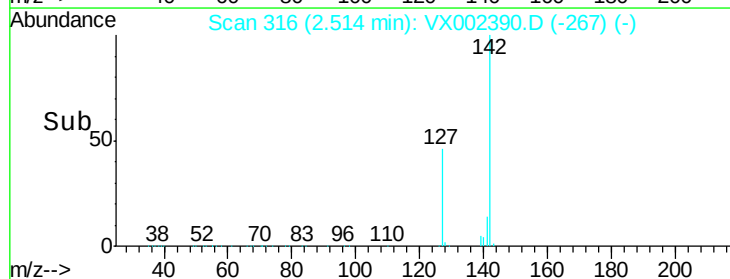
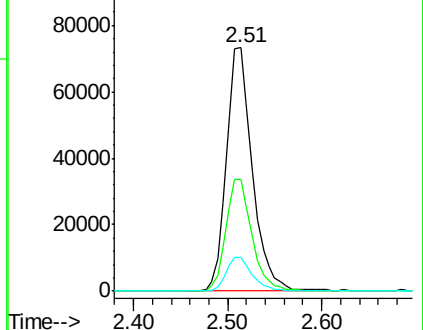
141 14.1 11.3 16.9

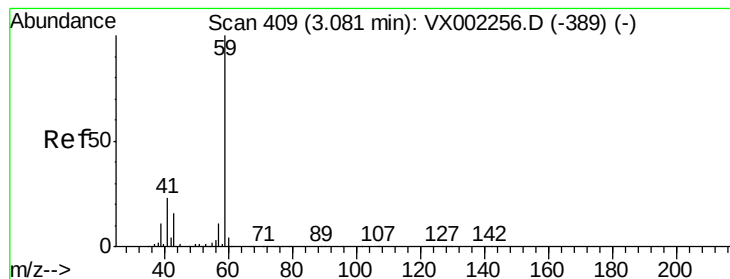


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



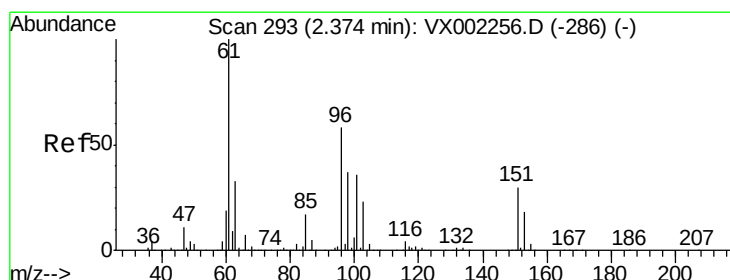
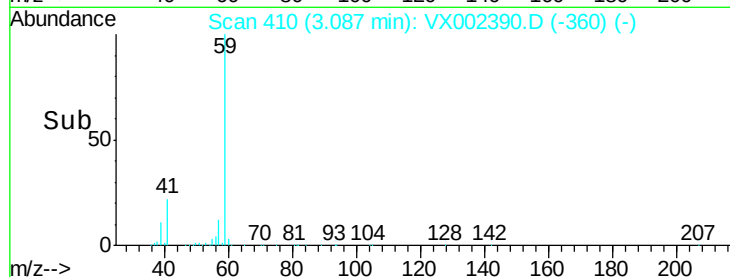
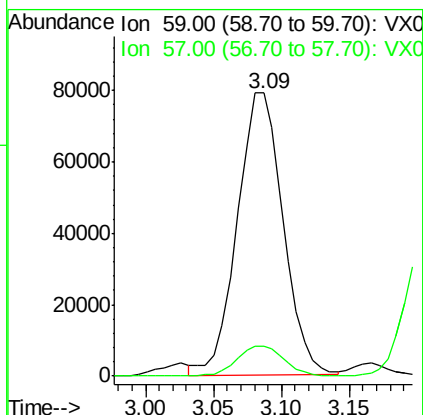
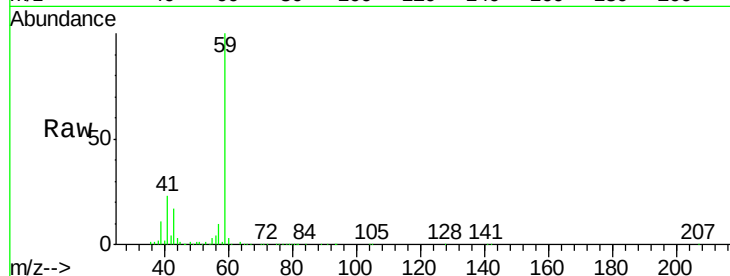


#11

Tert butyl alcohol
 Concen: 343.47 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

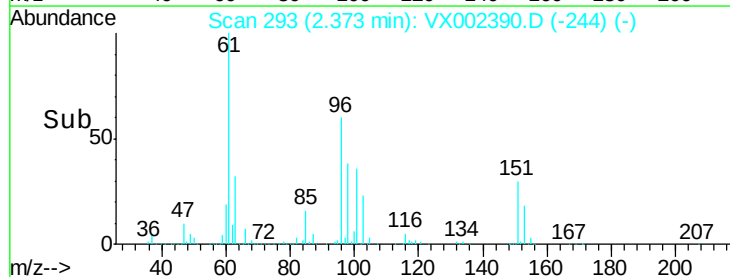
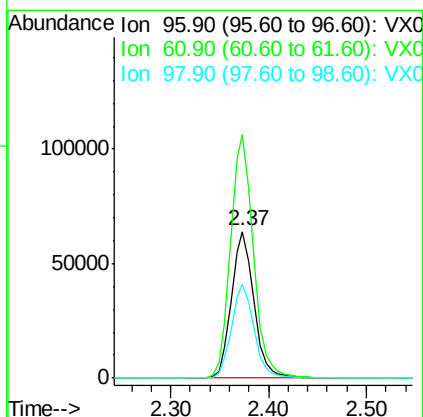
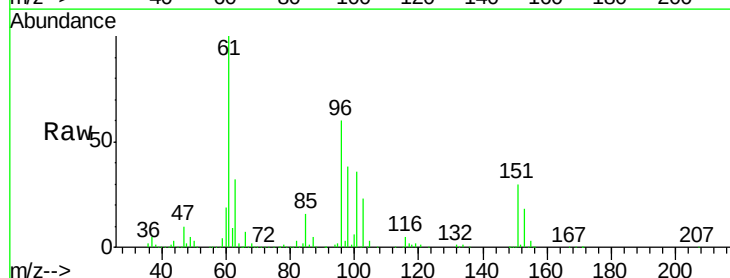
Tot Ion: 59 Resp: 186196
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

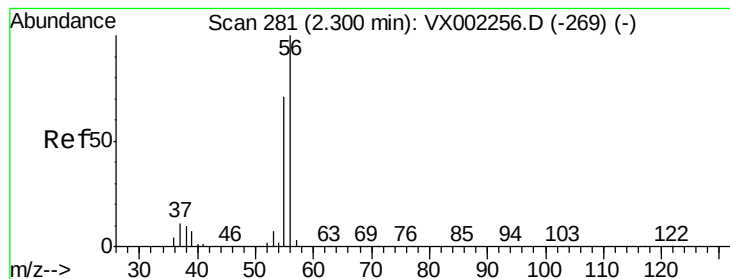


#12

1,1-Dichloroethene
 Concen: 50.64 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Tgt Ion: 96 Resp: 101910
 Ion Ratio Lower Upper
 96 100
 61 166.4 137.9 206.9
 98 63.7 51.6 77.4





#13

Acrolein

Concen: 239.16 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

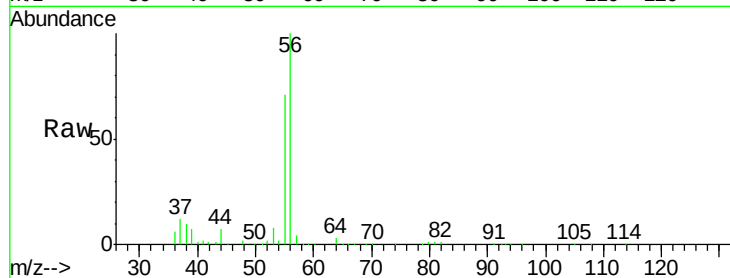
VSTDCCC050EC

Tot Ion: 56 Resp: 64308

Ion Ratio Lower Upper

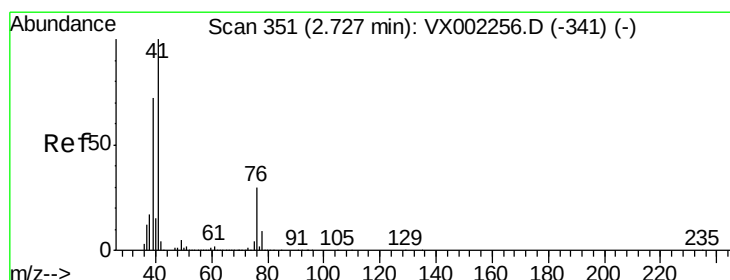
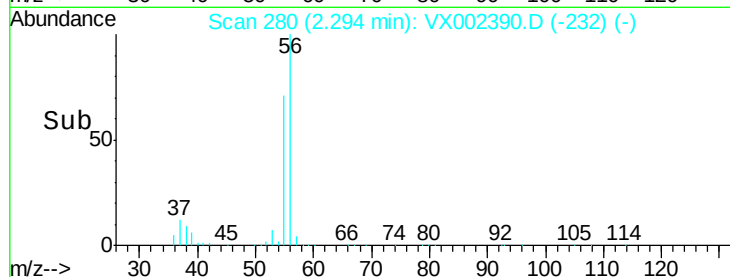
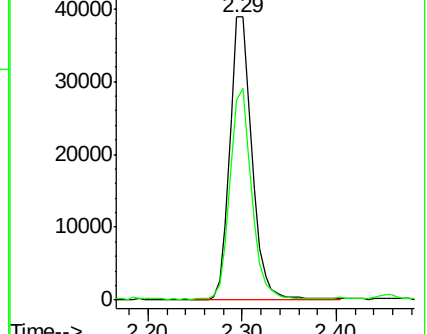
56 100

55 71.2 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.48 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

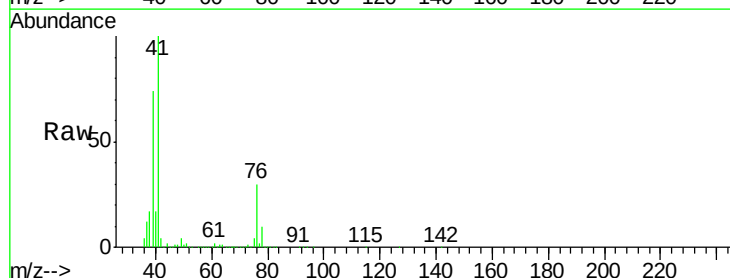
Tgt Ion: 41 Resp: 229217

Ion Ratio Lower Upper

41 100

39 70.1 56.8 85.2

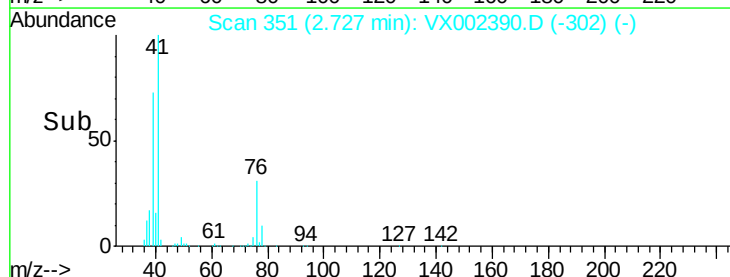
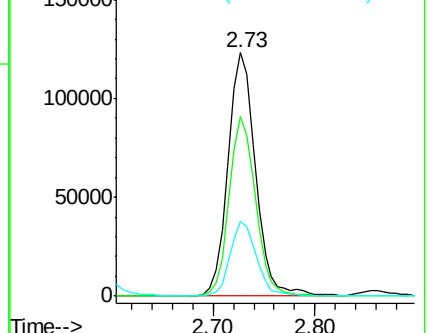
76 28.9 23.8 35.8

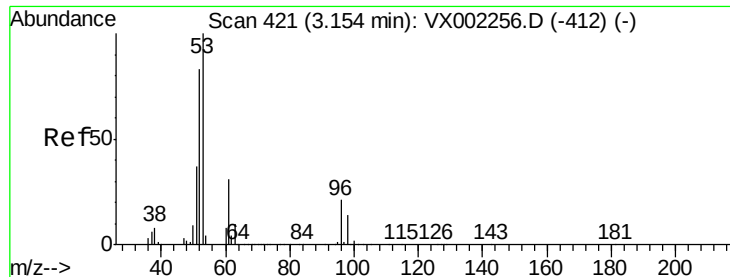


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 354.69 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

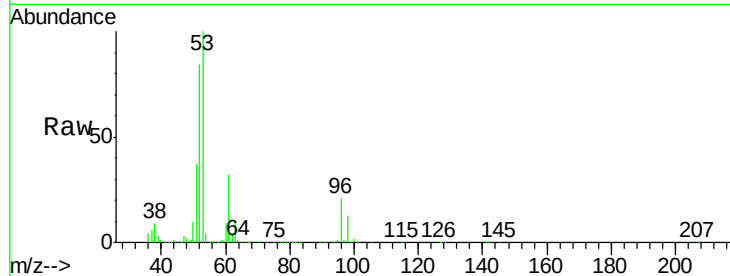
Tot Ion: 53 Resp: 403422

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

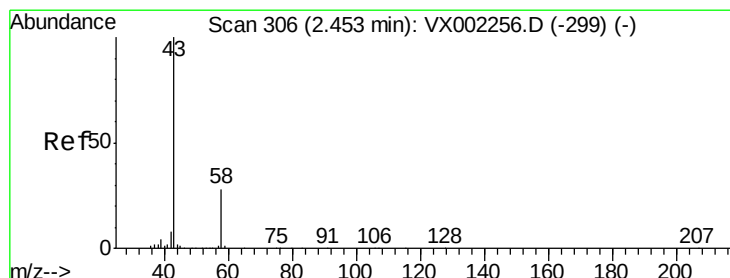
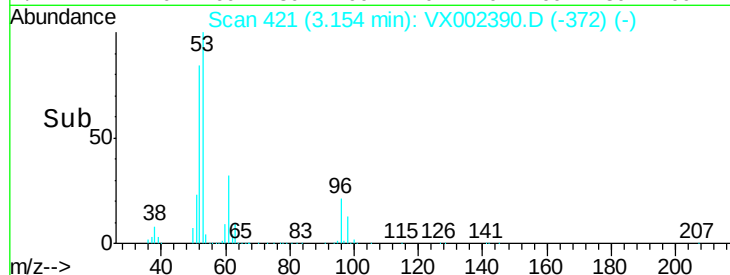
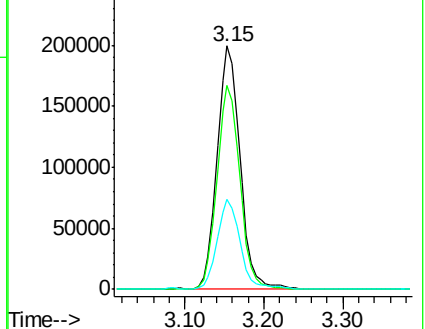
51 37.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 331.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002390.D

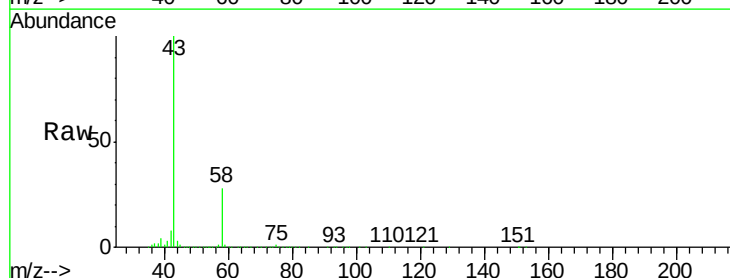
Acq: 07 Jun 2018 20:47

Tgt Ion: 43 Resp: 378603

Ion Ratio Lower Upper

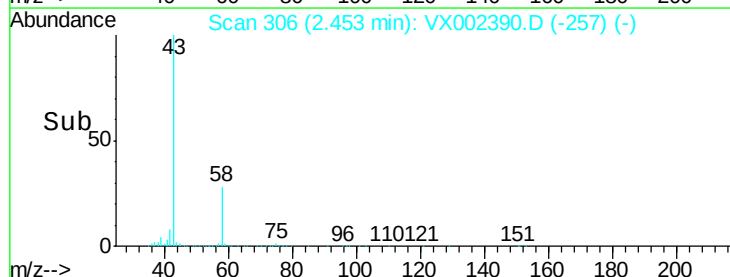
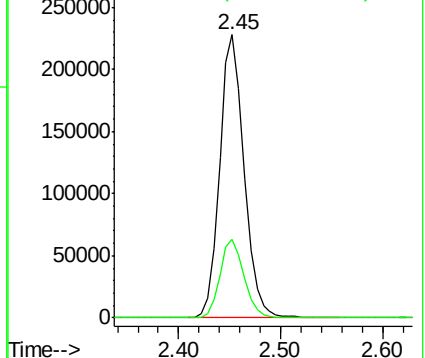
43 100

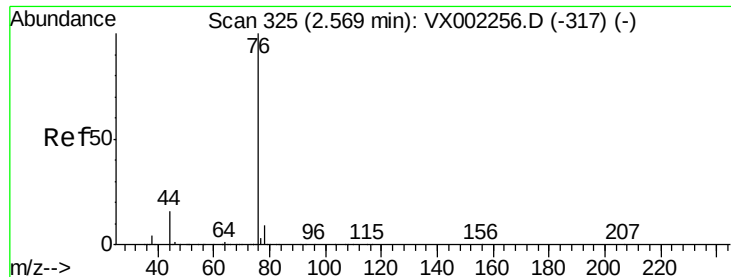
58 27.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.84 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

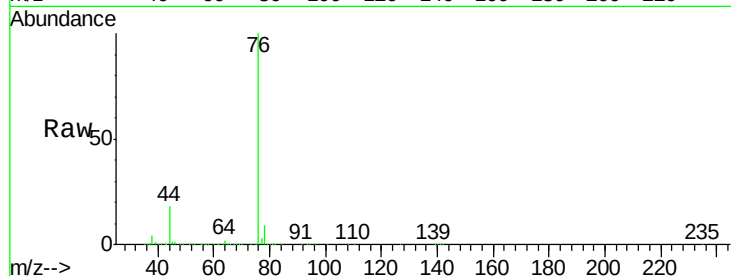
VSTDCCC050EC

Tot Ion: 76 Resp: 232545

Ion Ratio Lower Upper

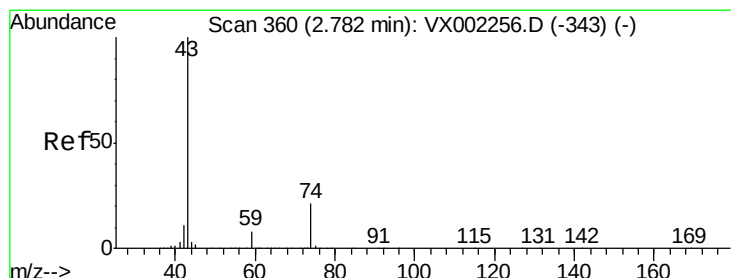
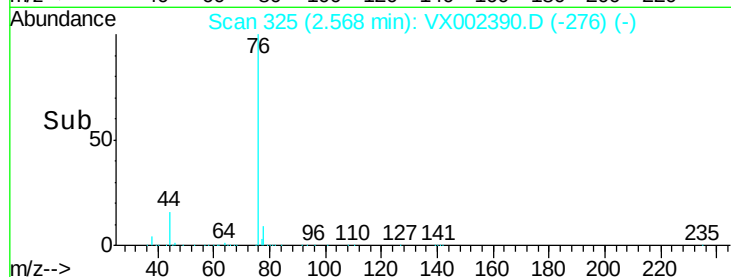
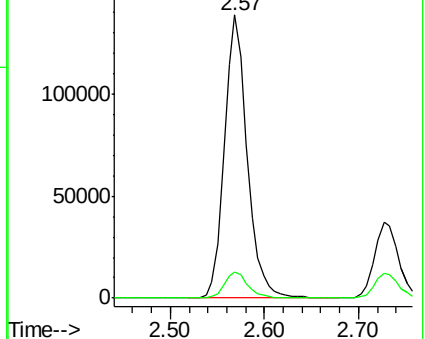
76 100

78 9.4 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 73.74 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002390.D

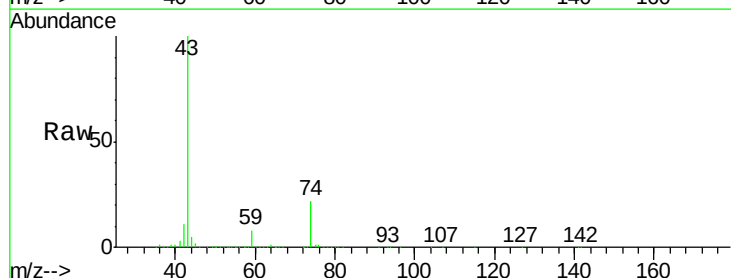
Acq: 07 Jun 2018 20:47

Tgt Ion: 43 Resp: 196231

Ion Ratio Lower Upper

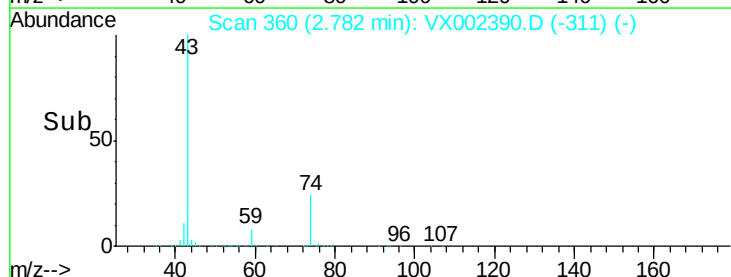
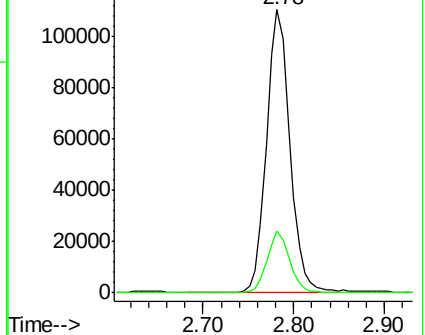
43 100

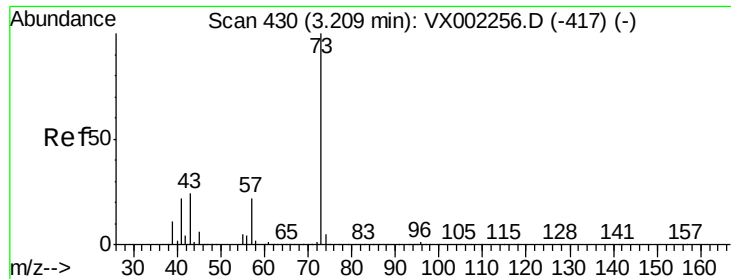
74 21.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

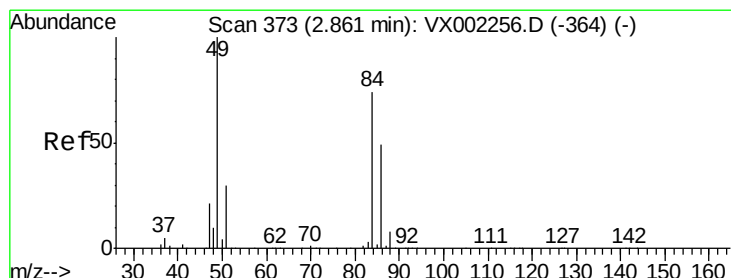
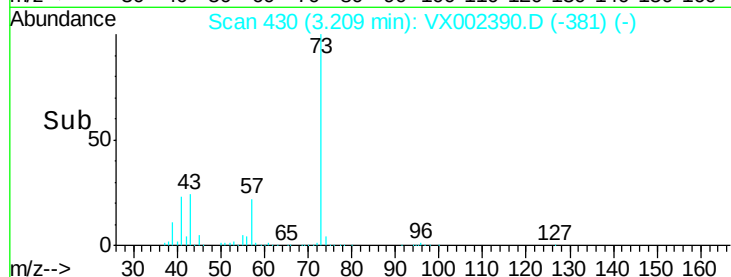
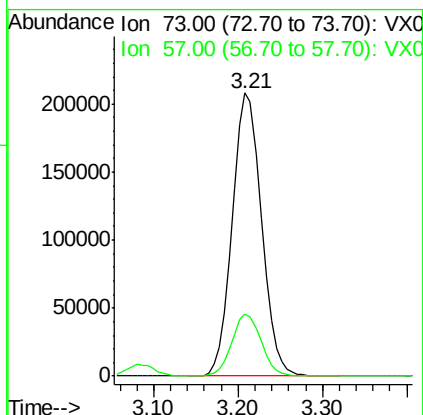
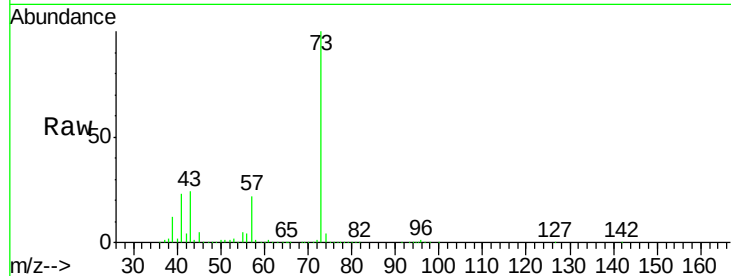




#19
Methyl tert-butyl Ether
Concen: 70.70 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

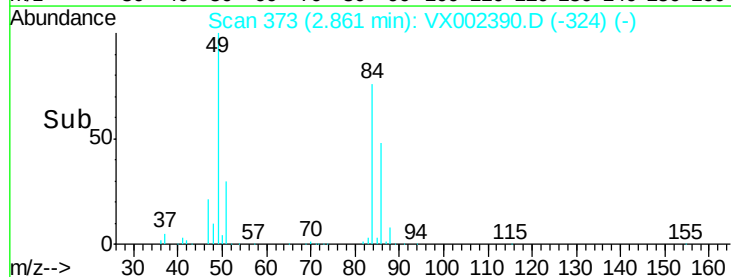
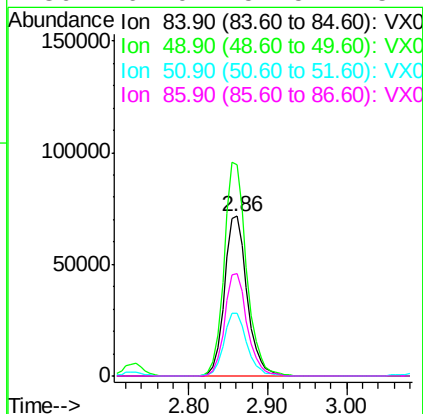
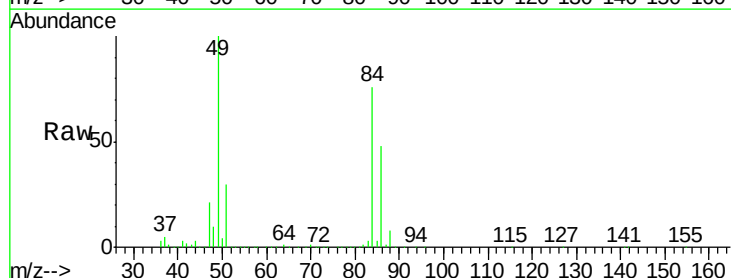
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

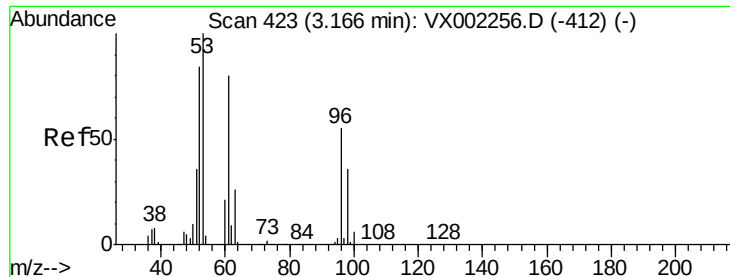
Tot Ion: 73 Resp: 488539
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 67.65 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion: 84 Resp: 142514
Ion Ratio Lower Upper
84 100
49 132.2 107.8 161.6
51 39.0 32.8 49.2
86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 53.77 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

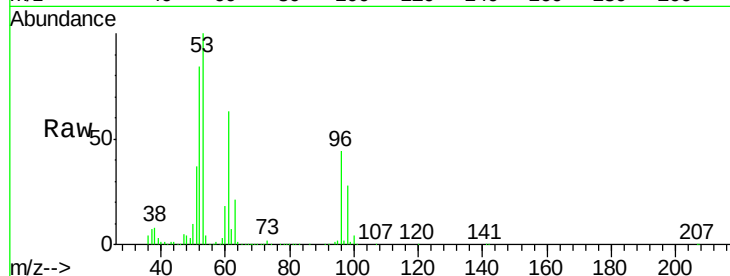
Tot Ion: 96 Resp: 119327

Ion Ratio Lower Upper

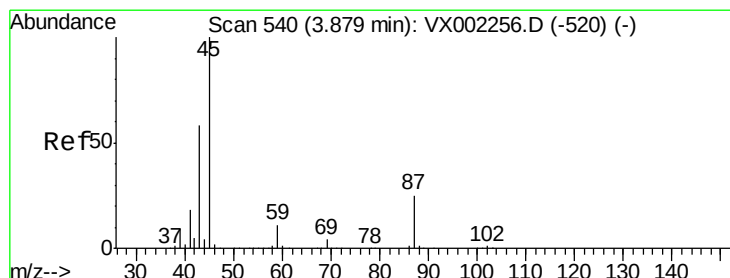
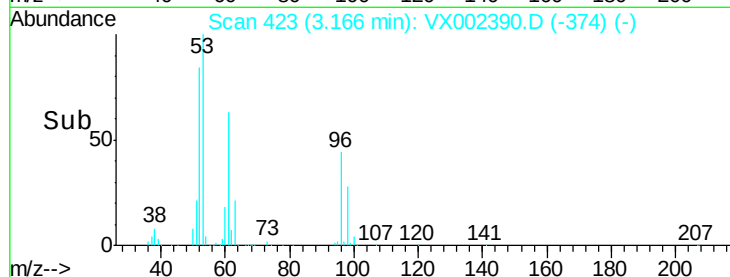
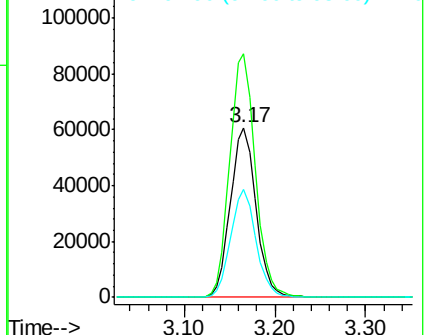
96 100

61 143.2 117.0 175.4

98 63.4 52.4 78.6



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



#22

Diisopropyl ether

Concen: 61.77 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Tgt Ion: 45 Resp: 448140

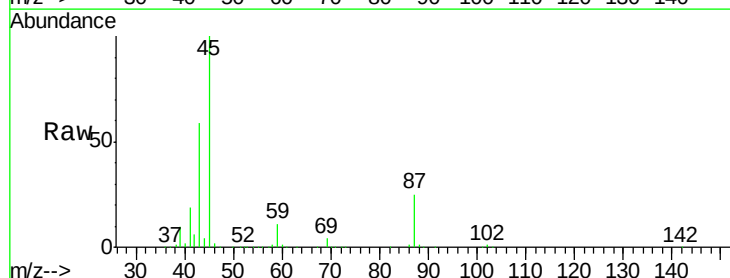
Ion Ratio Lower Upper

45 100

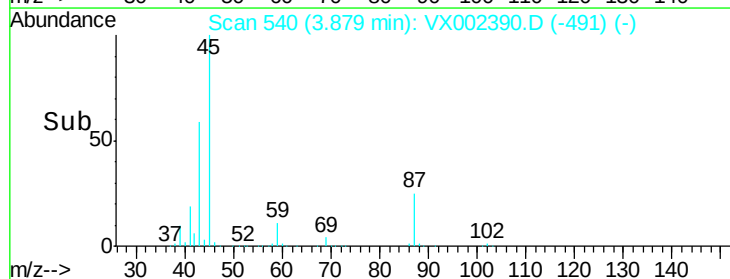
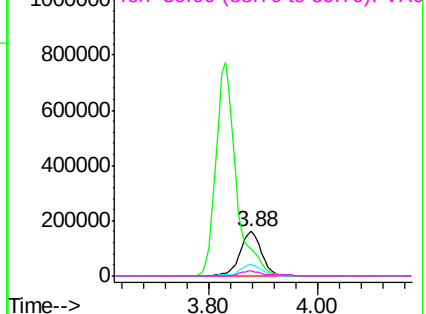
43 59.2 46.8 70.2

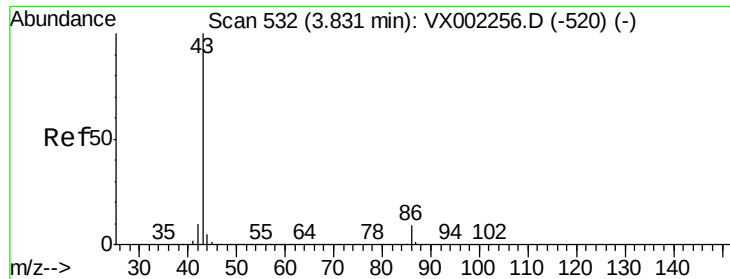
87 25.3 20.2 30.4

59 10.9 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 281.24 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

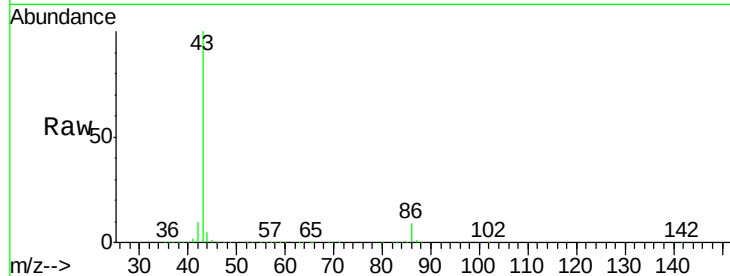
VSTDCCC050EC

Tot Ion: 43 Resp: 1991206

Ion Ratio Lower Upper

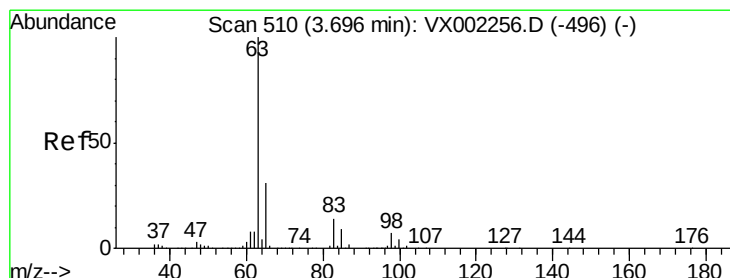
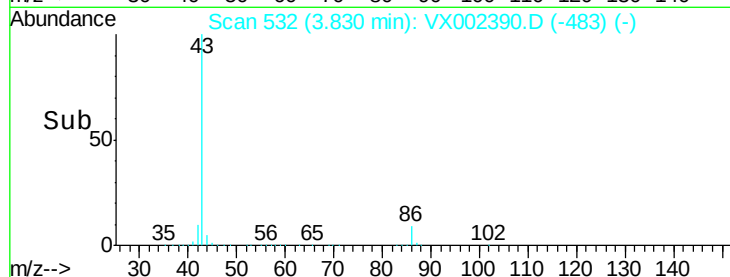
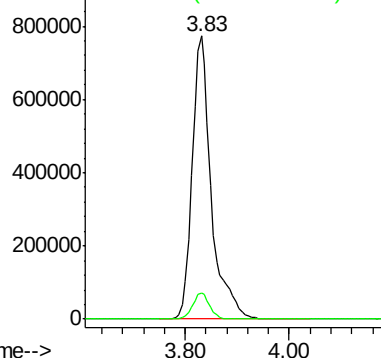
43 100

86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.80 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

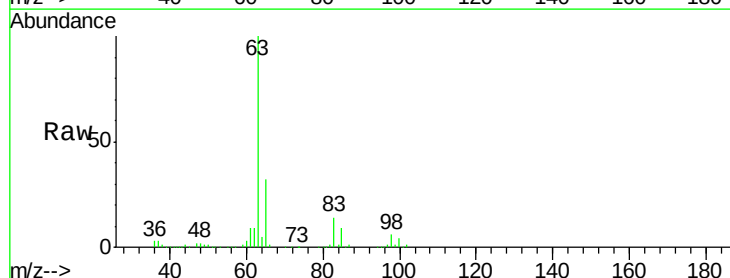
Tgt Ion: 63 Resp: 214951

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

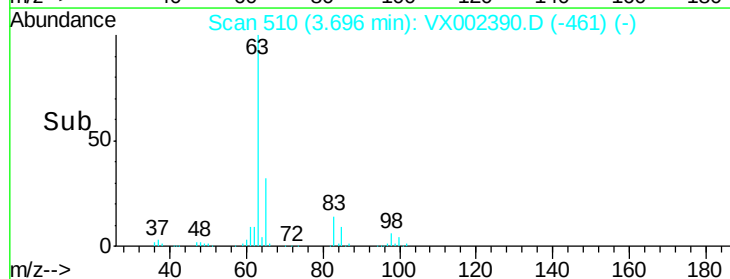
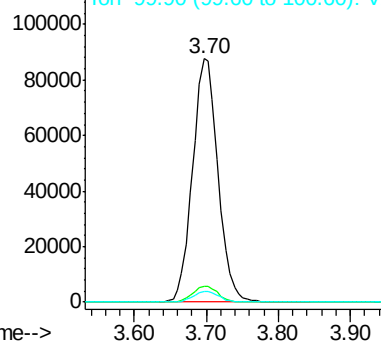
100 4.3 2.0 6.0

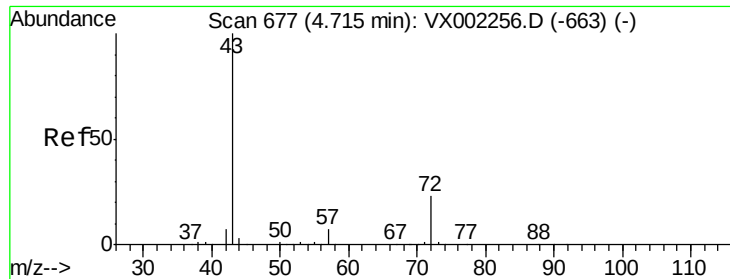


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 283.19 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

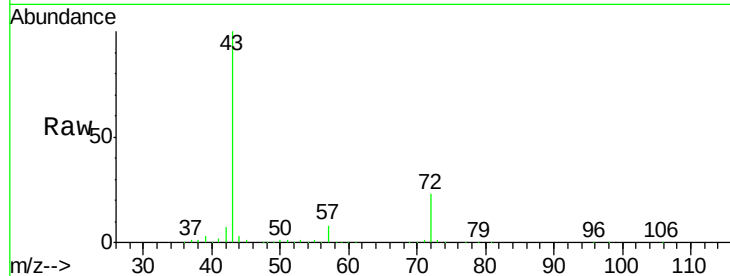
VSTDCCC050EC

Tot Ion: 43 Resp: 524920

Ion Ratio Lower Upper

43 100

72 23.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

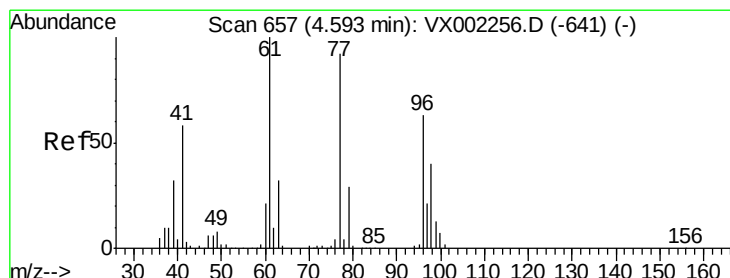
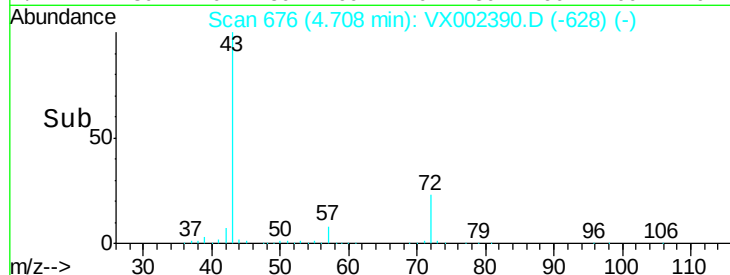
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.23 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002390.D

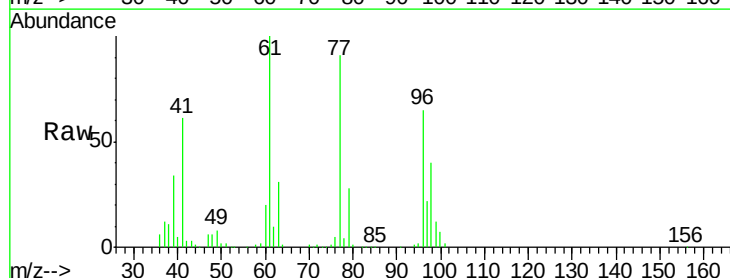
Acq: 07 Jun 2018 20:47

Tgt Ion: 77 Resp: 145874

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

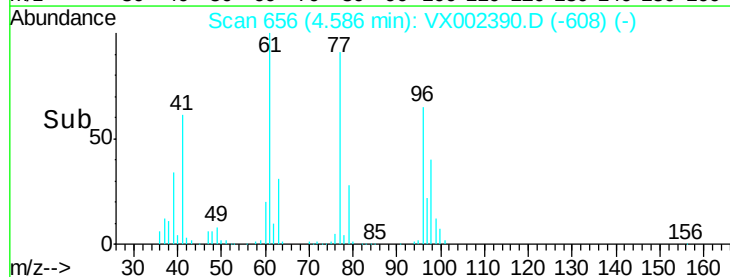
20000

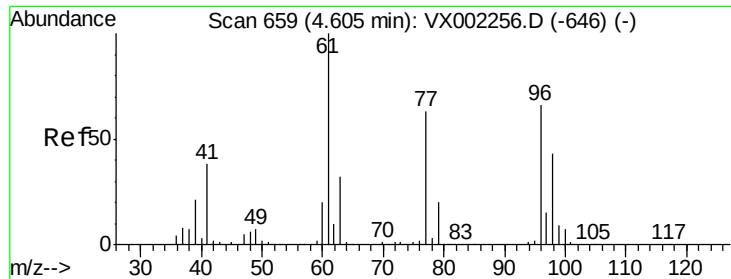
10000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

cis-1,2-Dichloroethene

Concen: 55.06 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

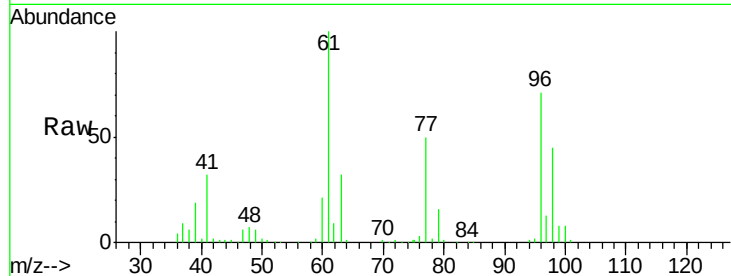
Tot Ion: 96 Resp: 132884

Ion Ratio Lower Upper

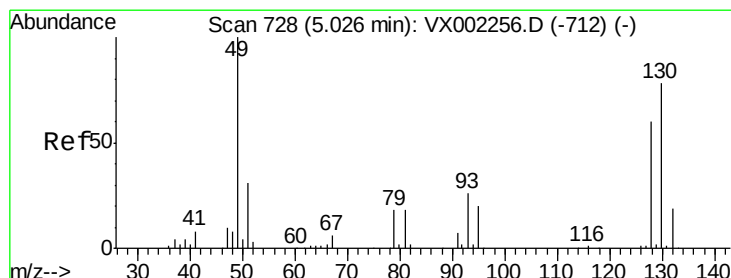
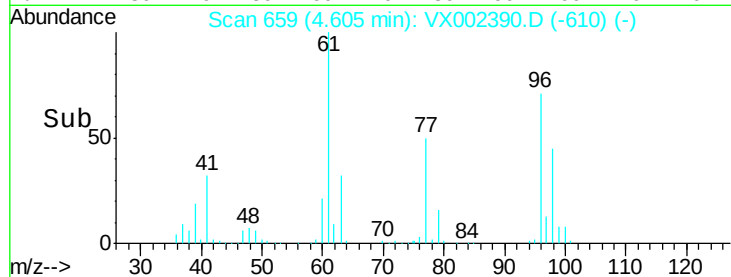
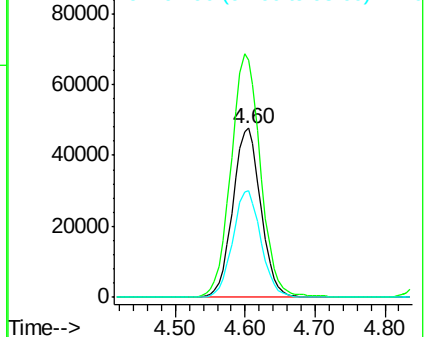
96 100

61 151.8 0.0 330.2

98 63.3 0.0 130.2



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



#28

Bromochloromethane

Concen: 64.37 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

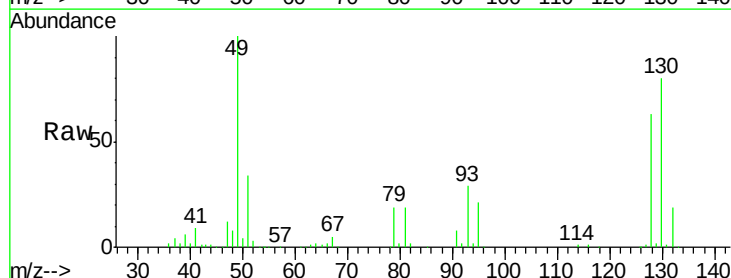
Tgt Ion: 49 Resp: 116292

Ion Ratio Lower Upper

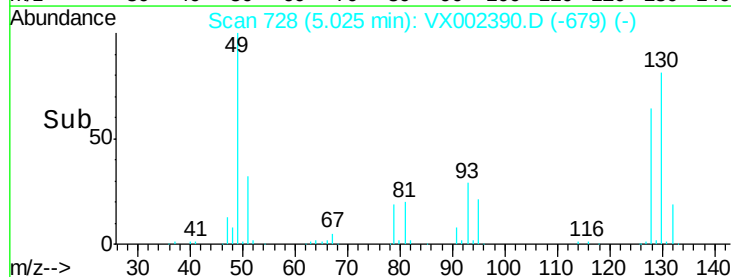
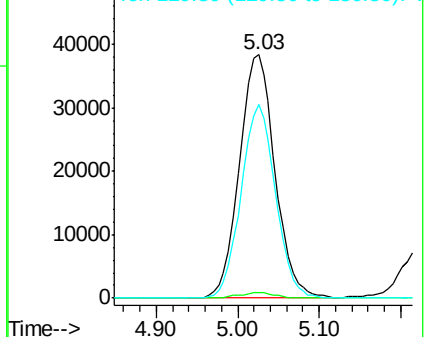
49 100

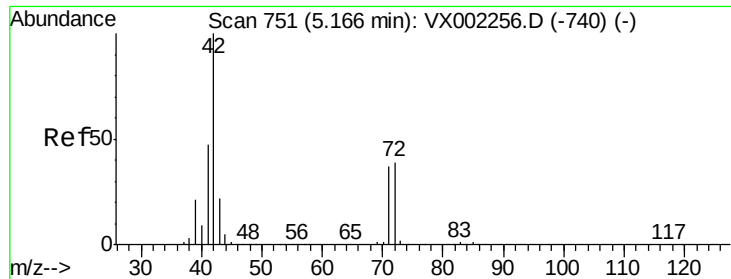
129 2.2 0.0 4.2

130 76.9 61.2 91.8



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

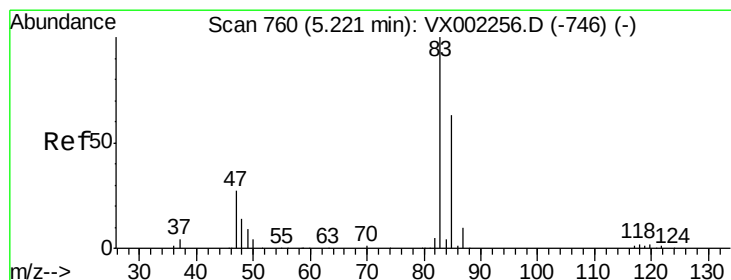
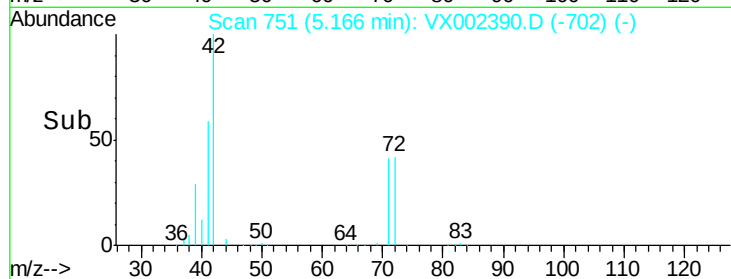
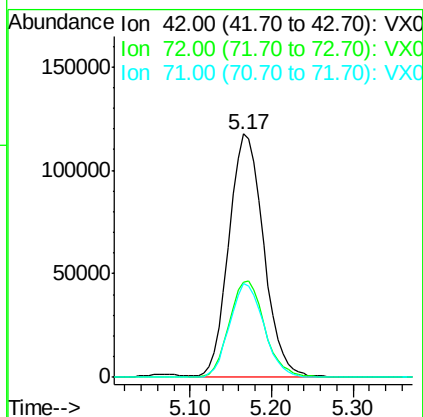
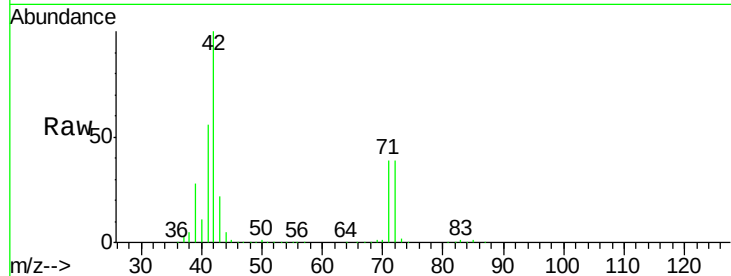




#29
Tetrahydrofuran
Concen: 288.99 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

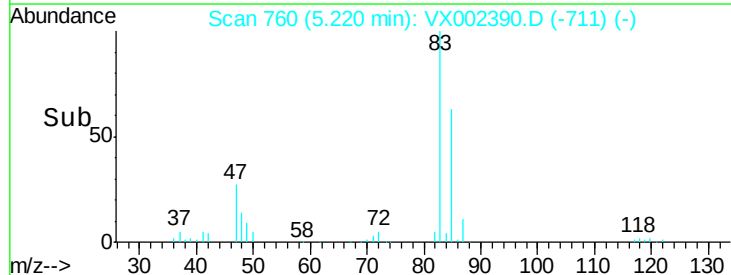
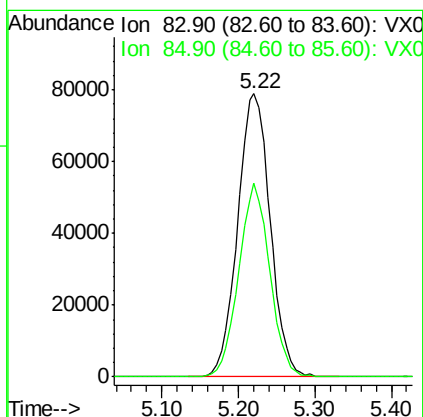
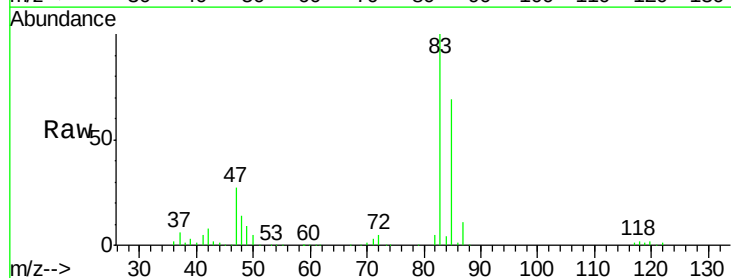
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

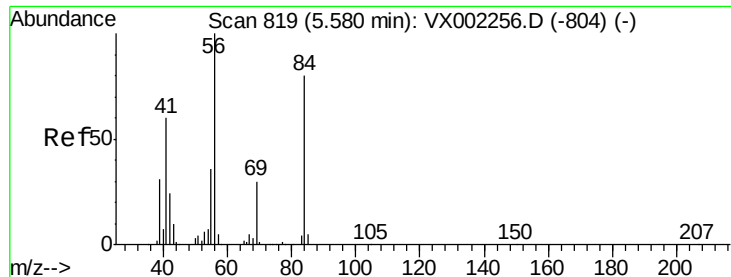
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.0	48.0
71	38.4	30.1	45.1



#30
Chloroform
Concen: 56.00 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	50.4	75.6





#31

Cyclohexane

Concen: 41.90 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

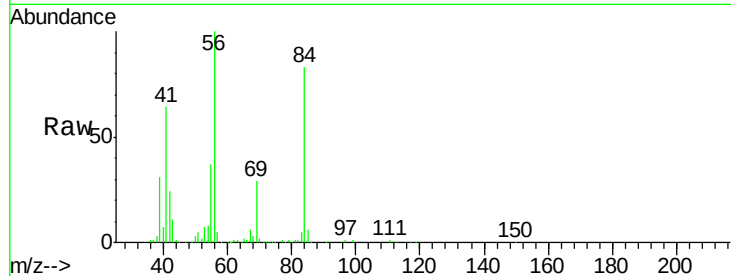
Tot Ion: 56 Resp: 143017

Ion Ratio Lower Upper

56 100

69 29.2 23.7 35.5

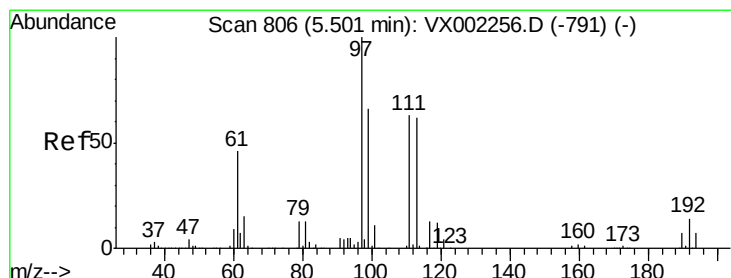
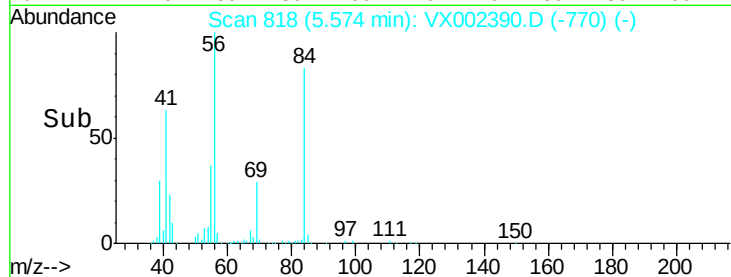
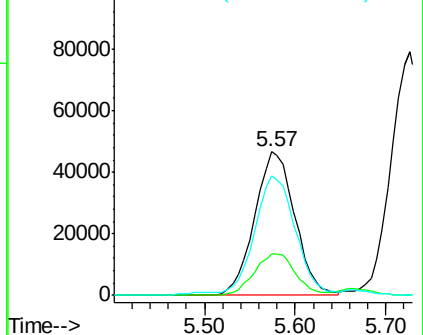
84 81.6 64.1 96.1



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: 51.13 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

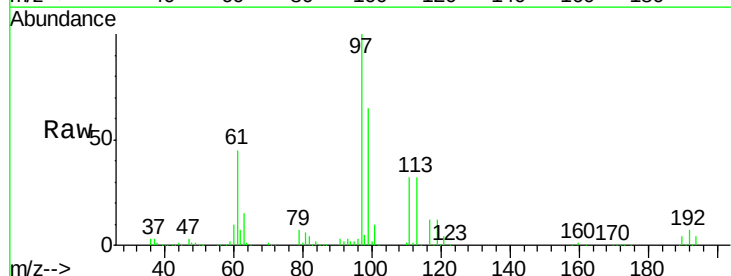
Tgt Ion: 97 Resp: 180625

Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

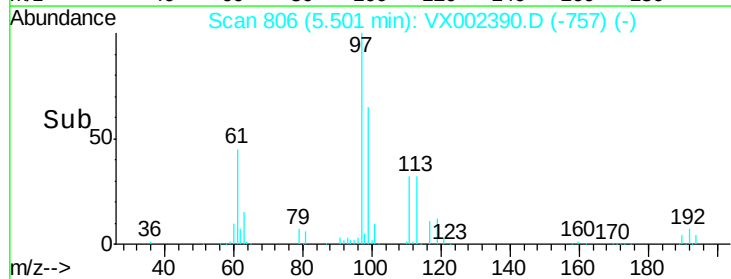
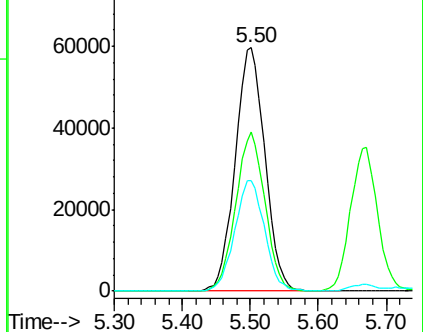
61 45.8 36.4 54.6

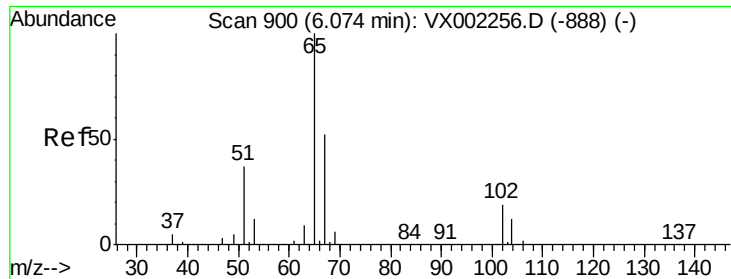


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

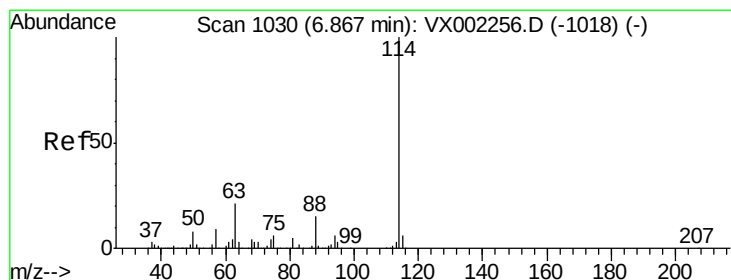
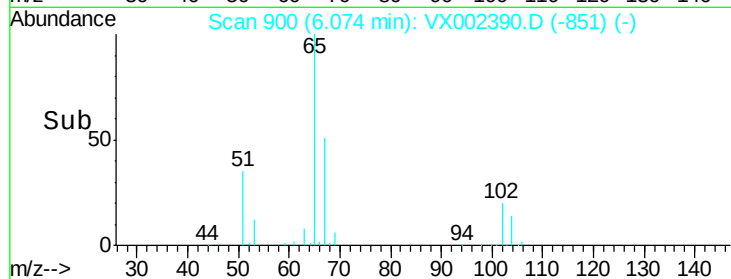
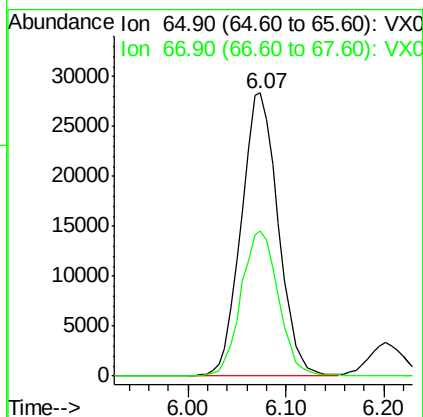
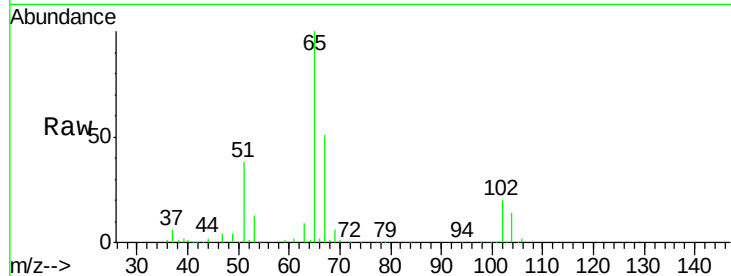




#33
 1,2-Dichloroethane-d4
 Concen: 25.85 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

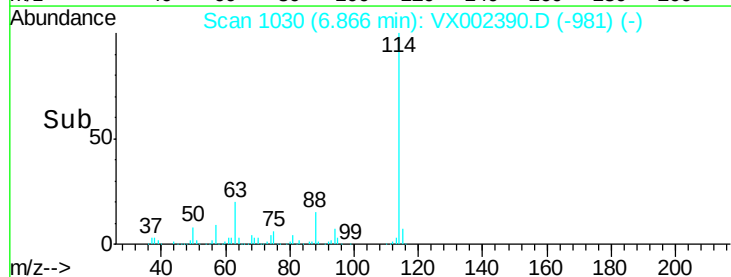
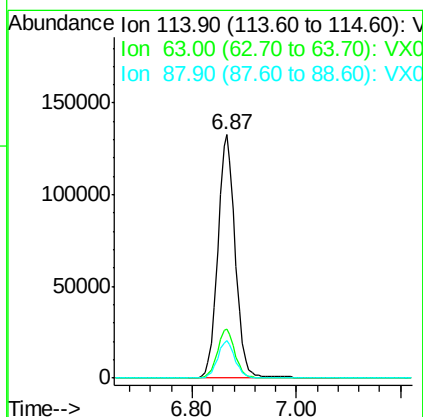
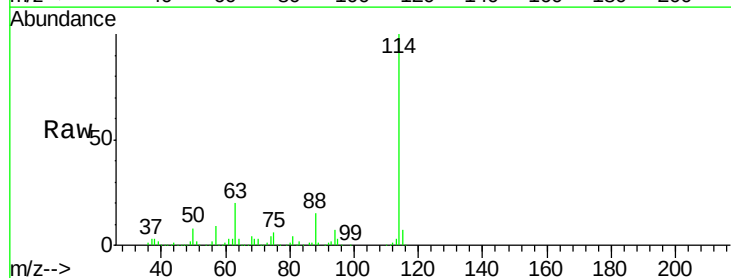
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

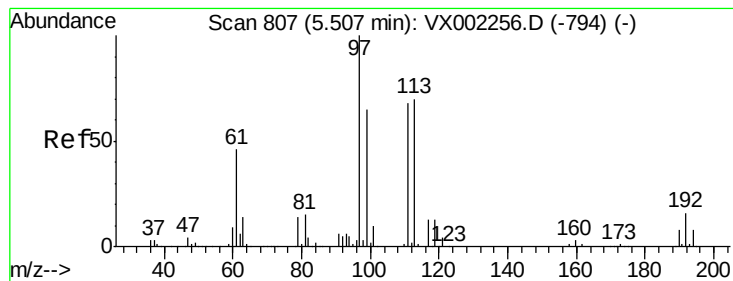
Tot Ion: 65 Resp: 74390
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Tgt Ion: 114 Resp: 314321
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 23.09 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

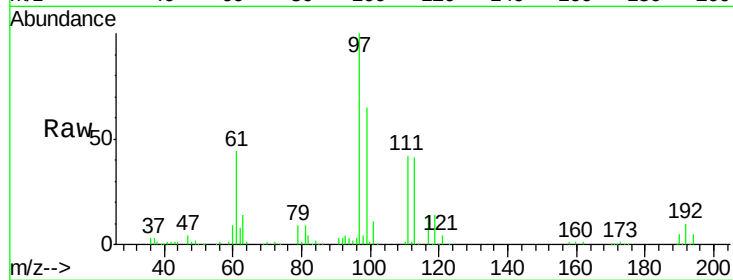
Tot Ion:113 Resp: 57068

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

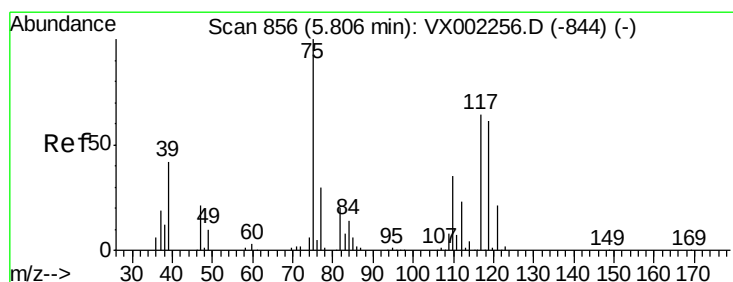
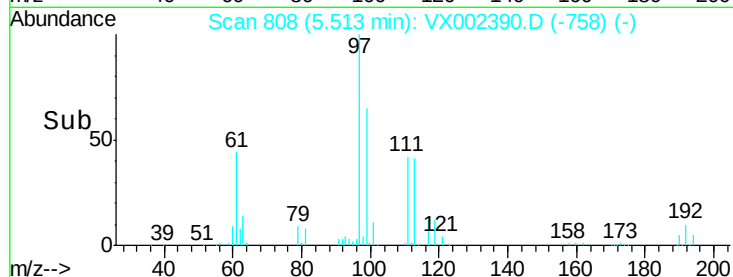
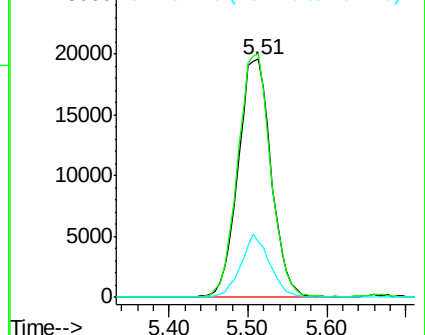
192 23.2 19.1 28.7



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: 42.40 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

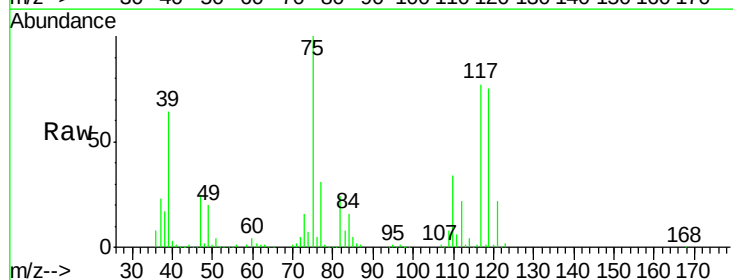
Tgt Ion: 75 Resp: 140108

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

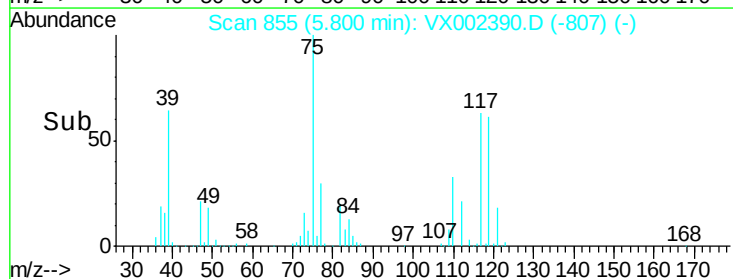
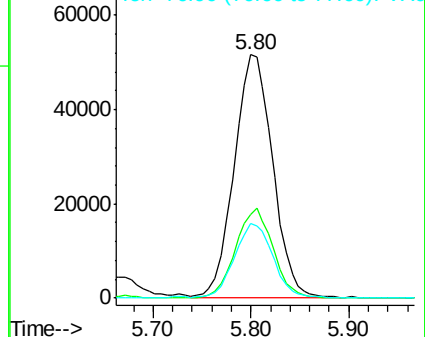
77 30.9 24.3 36.5

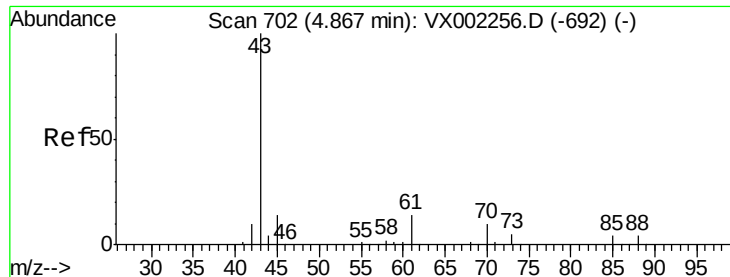


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.08 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

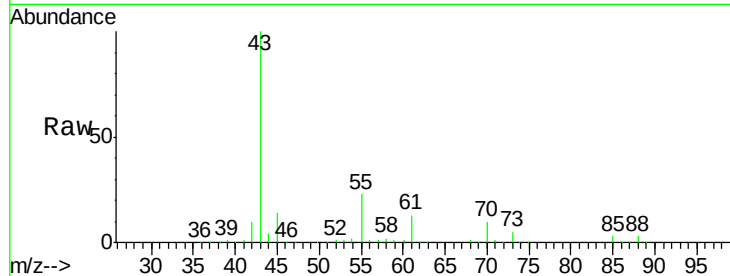
Tot Ion: 43 Resp: 210934

Ion Ratio Lower Upper

43 100

61 12.9 10.4 15.6

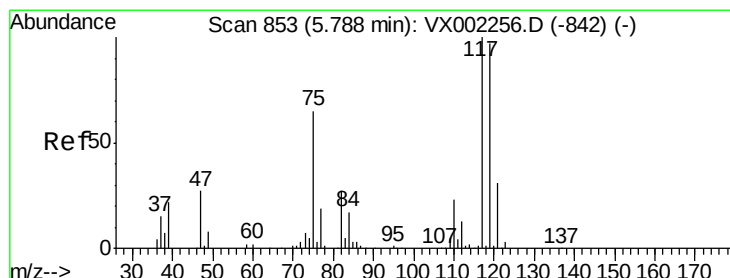
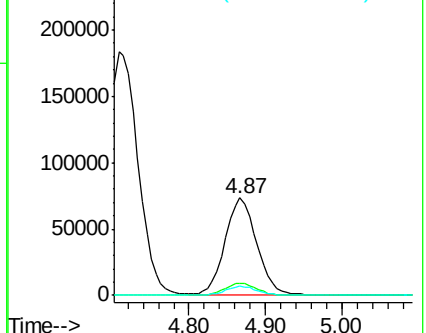
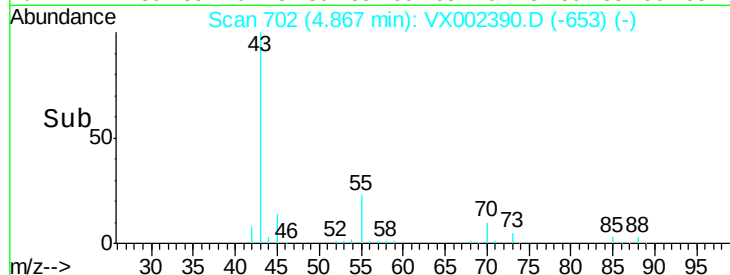
70 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002390.D (-653) (-)

Ion 60.90 (60.60 to 61.60): VX002390.D (-653) (-)

Ion 70.00 (69.70 to 70.70): VX002390.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 42.77 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

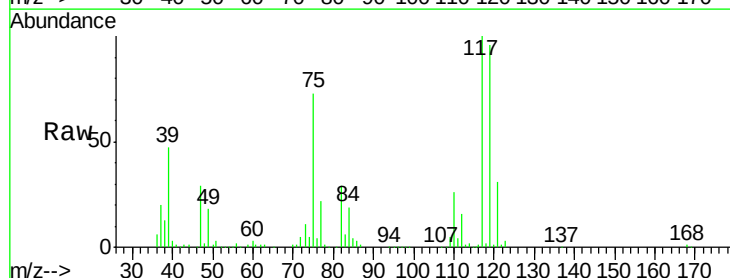
Tgt Ion: 117 Resp: 147844

Ion Ratio Lower Upper

117 100

119 96.0 77.4 116.0

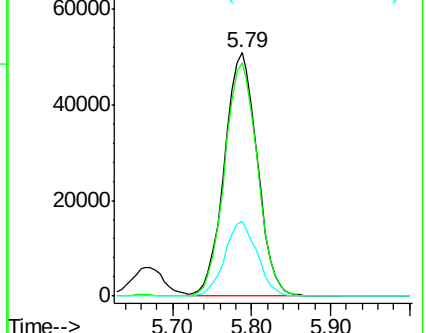
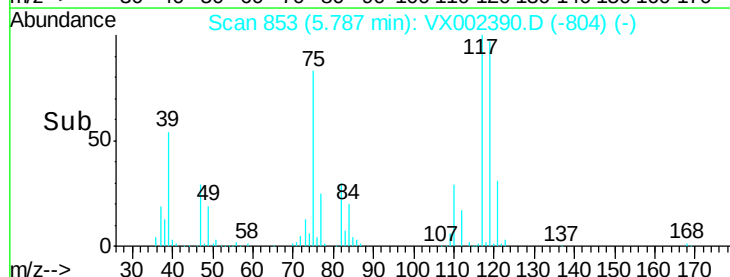
121 30.9 24.4 36.6

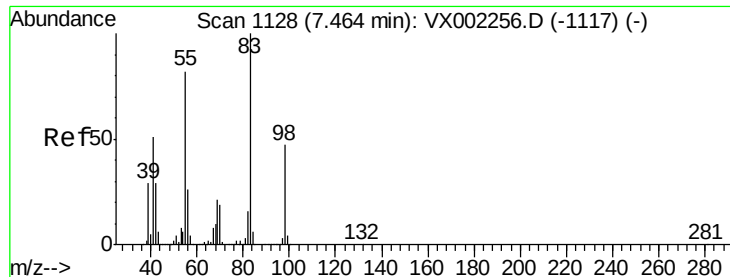


Abundance Ion 116.80 (116.50 to 117.50): VX002390.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX002390.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX002390.D (-804) (-)

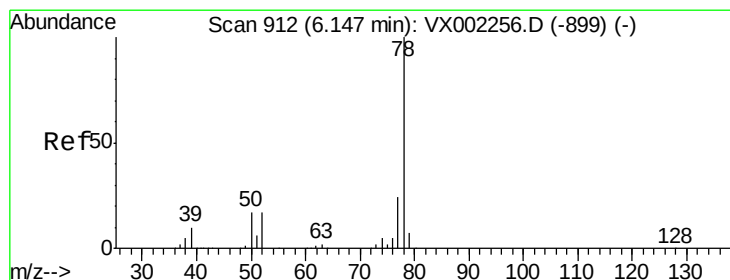
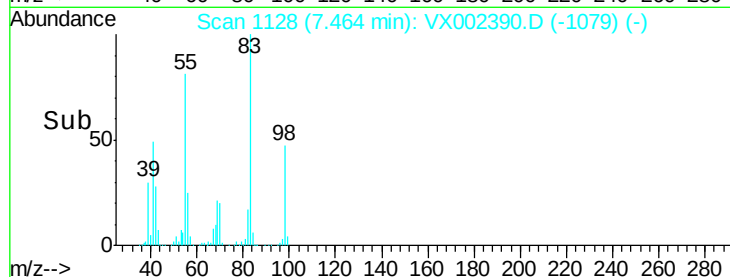
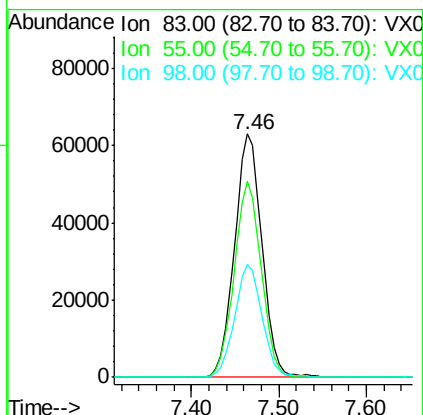
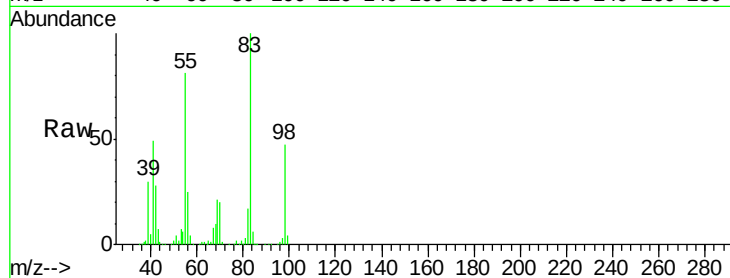




#39
Methylvlcyclohexane
Concen: 33.81 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

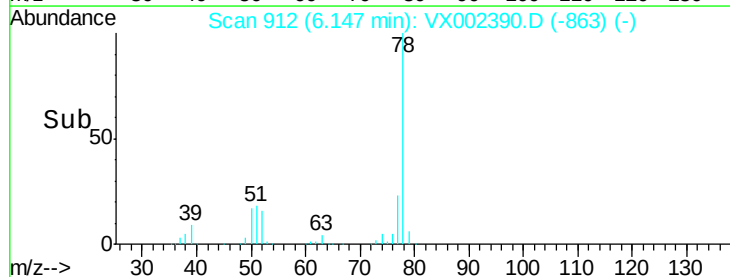
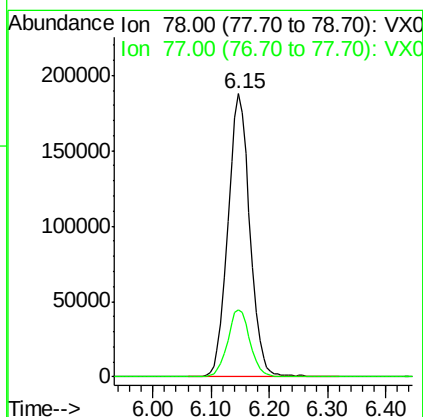
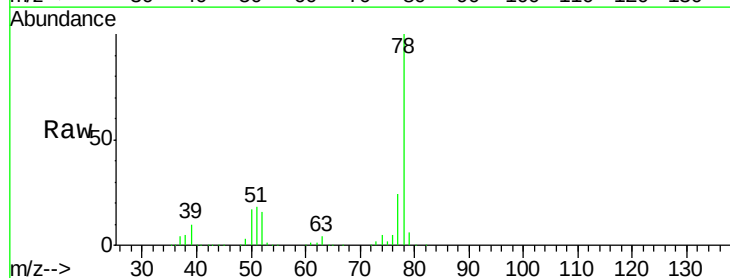
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

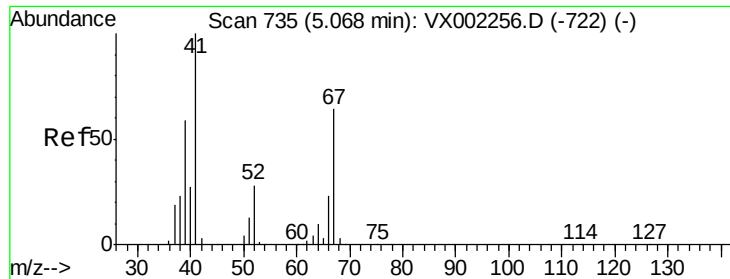
Tot Ion: 83 Resp: 137694
Ion Ratio Lower Upper
83 100
55 80.8 65.4 98.0
98 46.7 37.4 56.0



#40
Benzene
Concen: 48.52 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion: 78 Resp: 491576
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

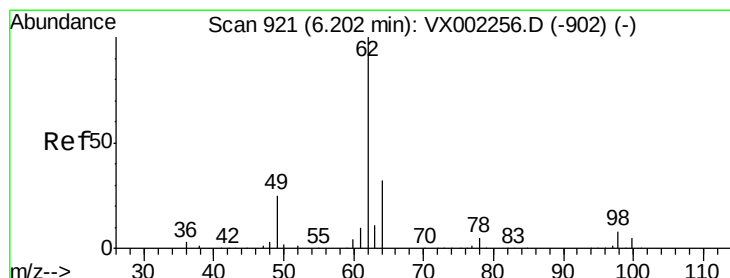
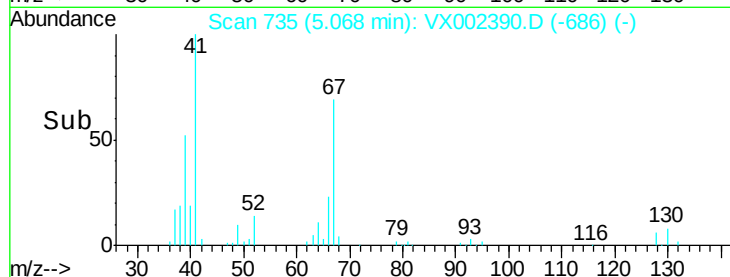
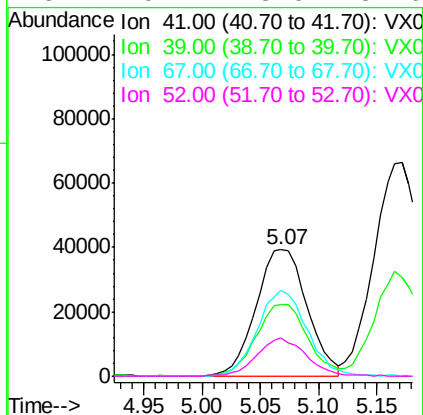
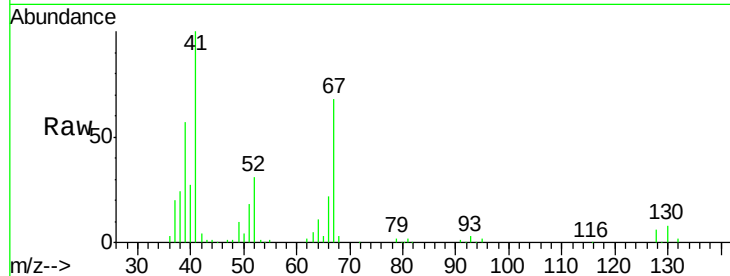




#41
Methacrylonitrile
Concen: 52.31 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

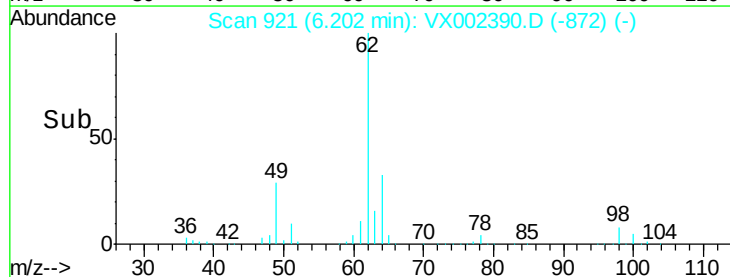
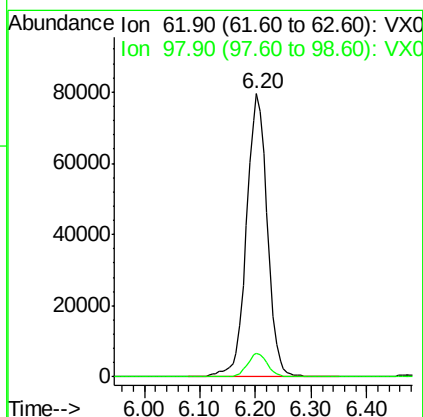
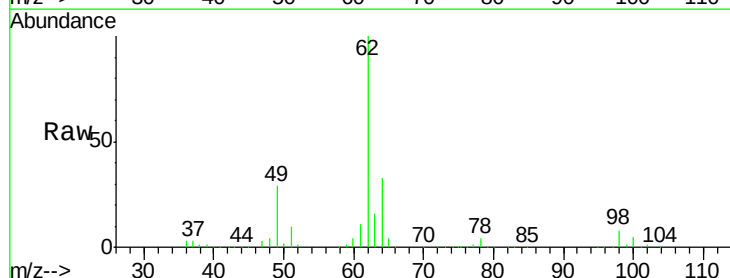
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

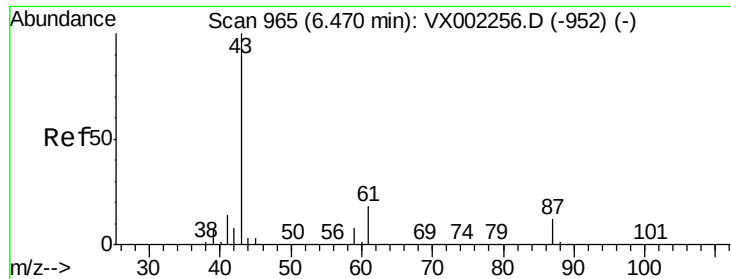
Tot Ion:	41	Resp:	119010
Ion	Ratio	Lower	Upper
41	100		
39	56.9	45.8	68.6
67	66.2	51.3	76.9
52	29.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 51.36 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion:	62	Resp:	206728
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 51.40 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

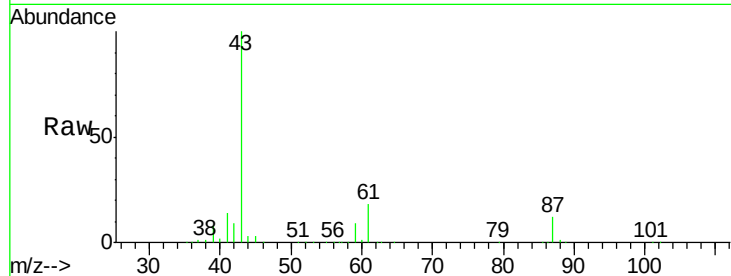
Tot Ion: 43 Resp: 346943

Ion Ratio Lower Upper

43 100

61 18.3 14.4 21.6

87 12.1 9.5 14.3

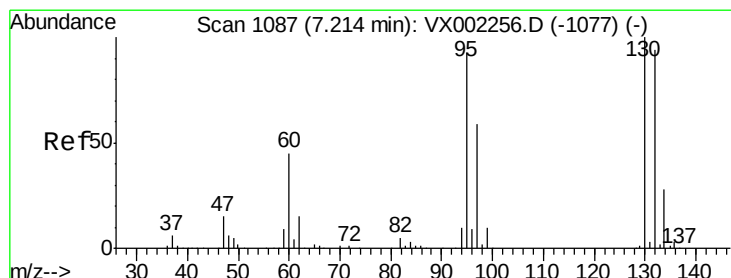
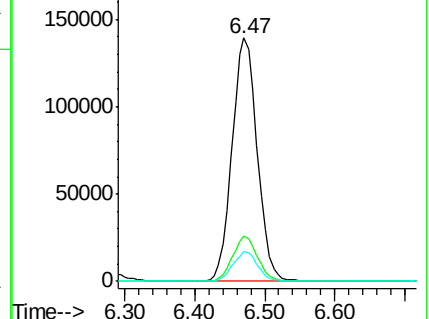
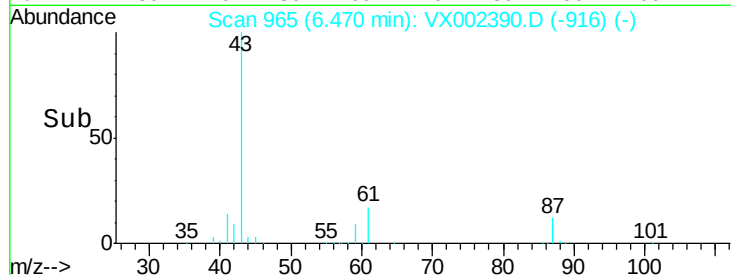


Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-952) (-)

Ion 61.00 (60.70 to 61.70): VX002256.D (-952) (-)

Ion 87.00 (86.70 to 87.70): VX002256.D (-952) (-)

Time-->



#44

Trichloroethene

Concen: 47.27 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002390.D

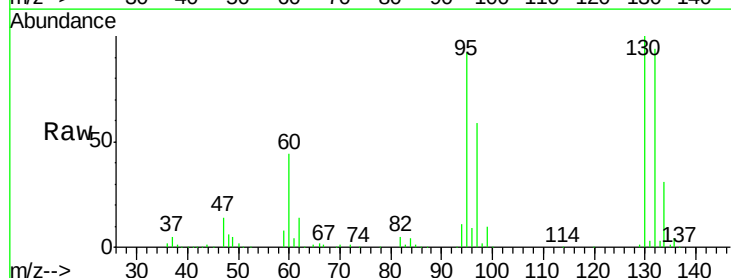
Acq: 07 Jun 2018 20:47

Tgt Ion:130 Resp: 132916

Ion Ratio Lower Upper

130 100

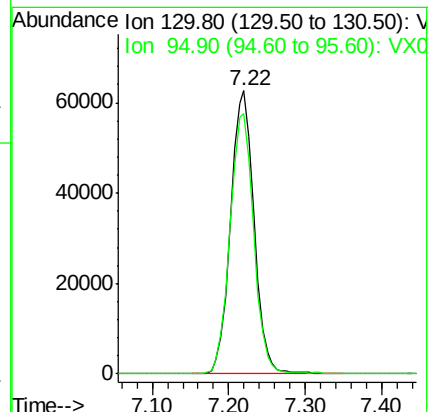
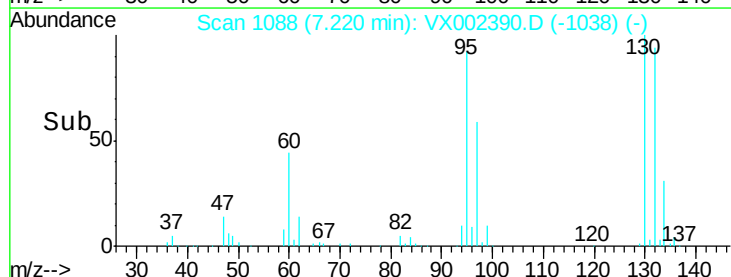
95 92.1 0.0 185.4

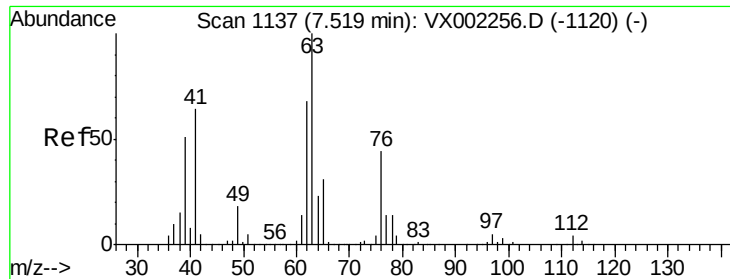


Abundance Ion 129.80 (129.50 to 130.50): VX002256.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX002256.D (-1077) (-)

Time-->

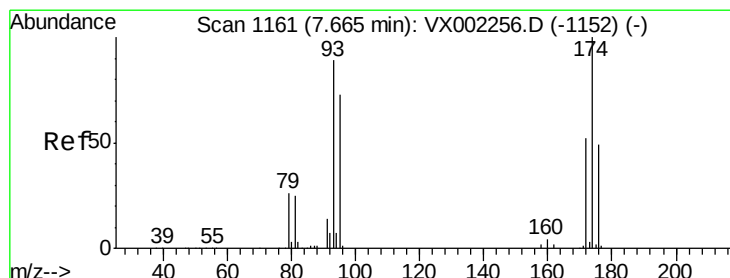
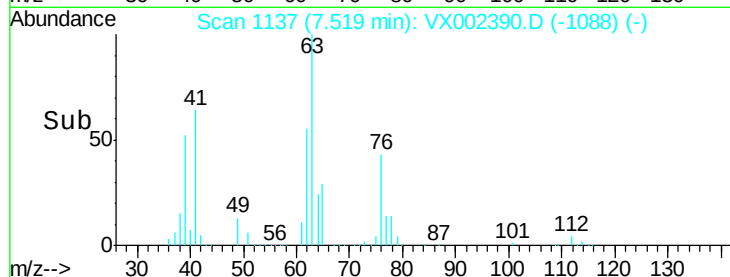
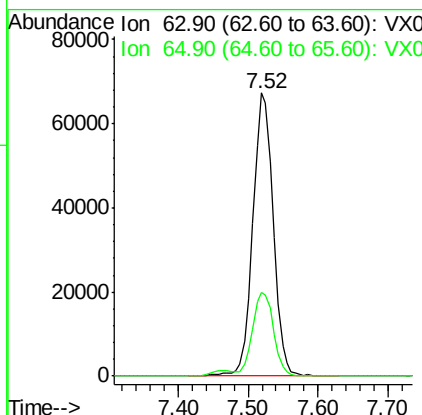
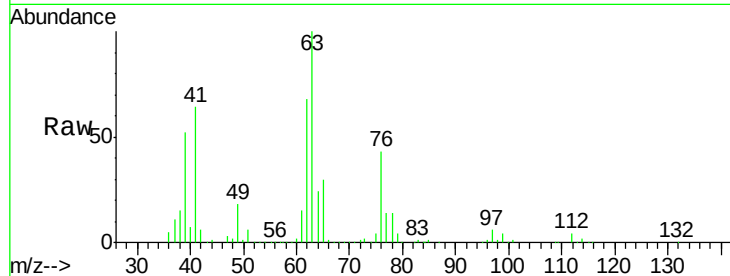




#45
 1,2-Dichloropropane
 Concen: 49.93 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

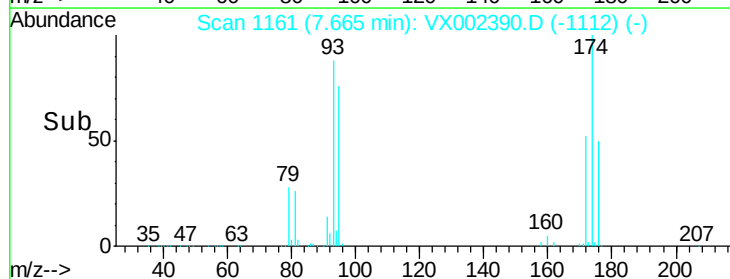
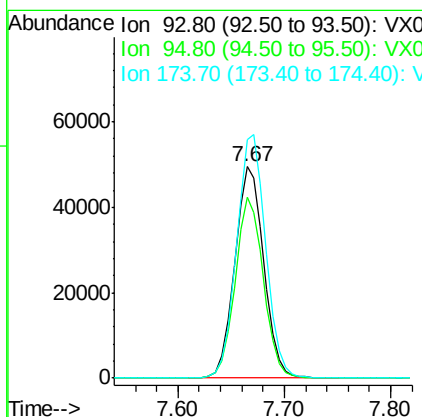
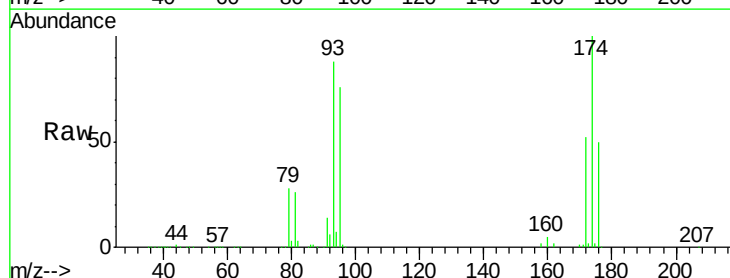
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

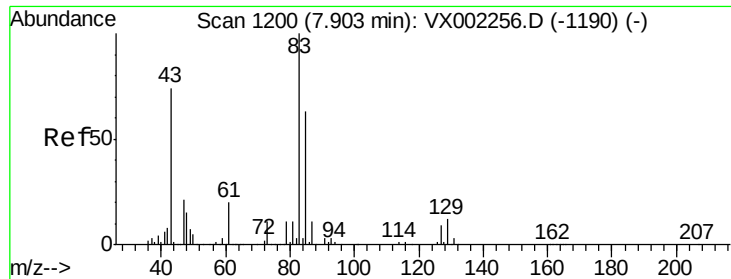
Tot Ion: 63 Resp: 136566
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.7 37.1



#46
 Dibromomethane
 Concen: 50.95 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Tgt Ion: 93 Resp: 94470
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.9 98.9
 174 116.1 92.4 138.6

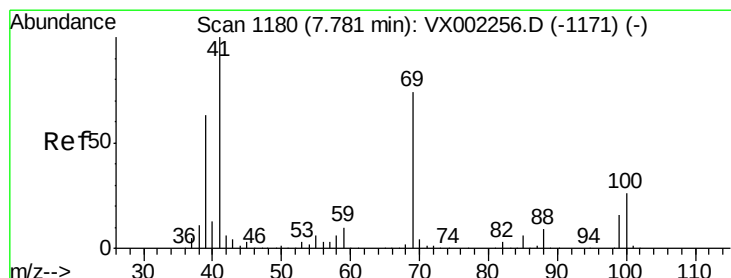
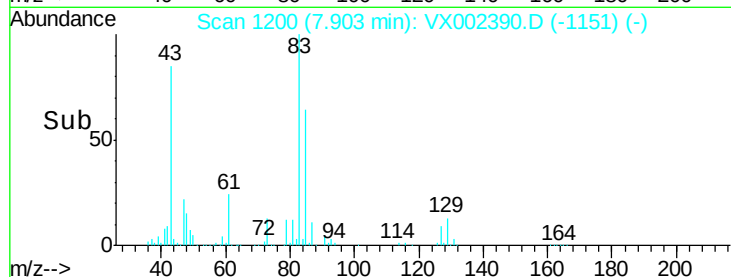
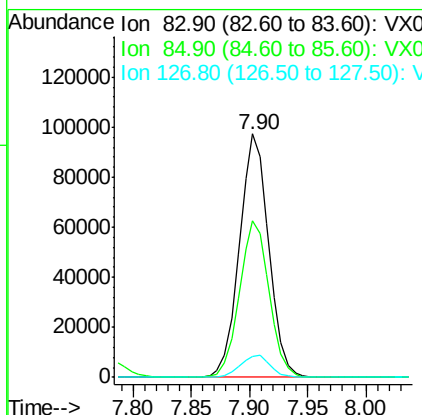
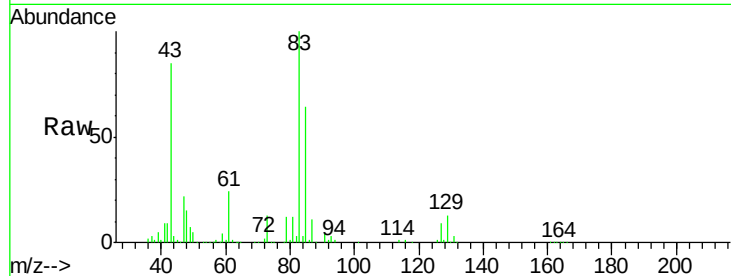




#47
Bromodichloromethane
Concen: 50.77 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

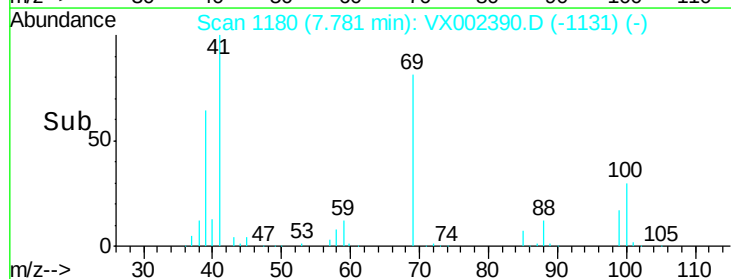
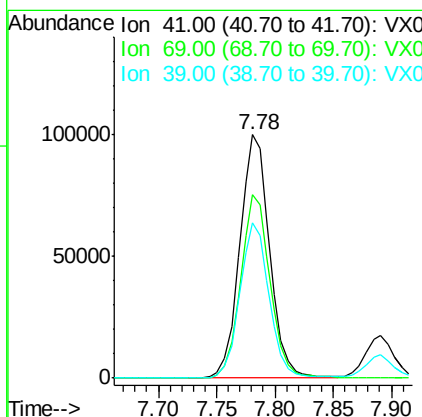
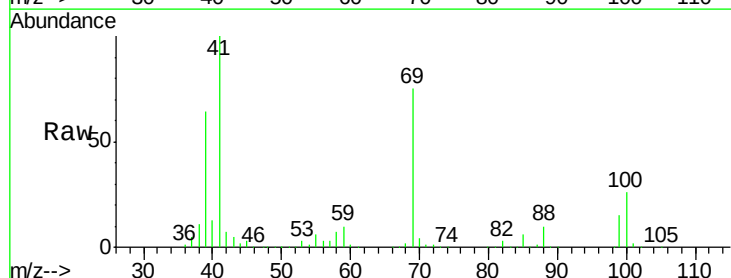
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

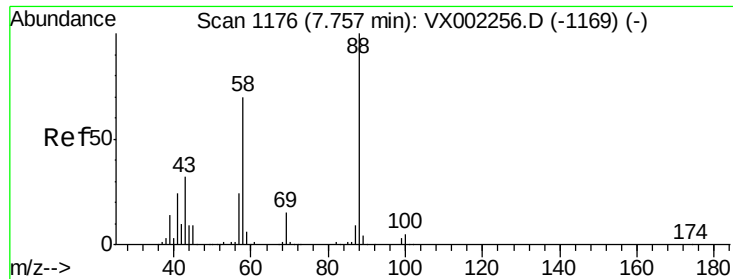
Tot Ion: 83 Resp: 170269
Ion Ratio Lower Upper
83 100
85 64.3 50.3 75.5
127 8.6 7.0 10.4



#48
Methyl methacrylate
Concen: 52.43 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion: 41 Resp: 177761
Ion Ratio Lower Upper
41 100
69 75.0 59.1 88.7
39 62.7 48.9 73.3

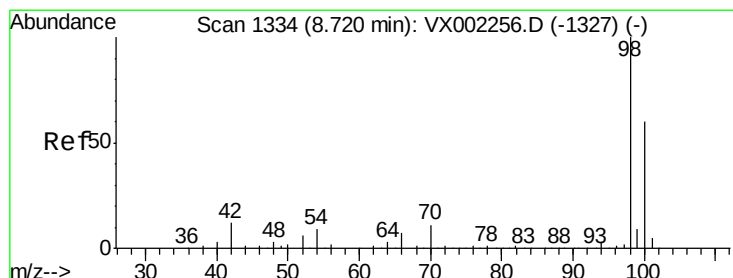
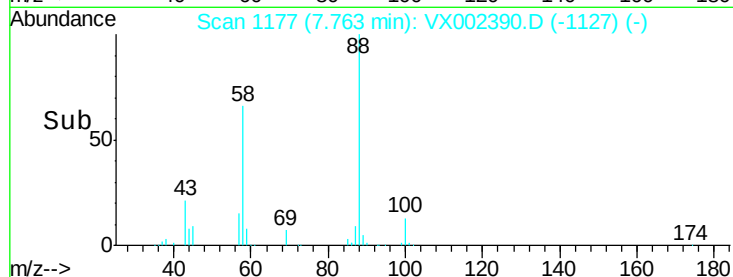
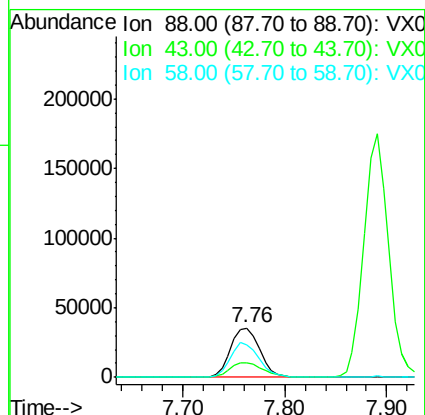
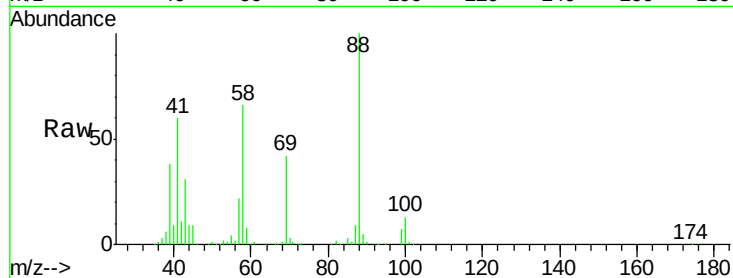




#49
1,4-Dioxane
Concen: 1105.25 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

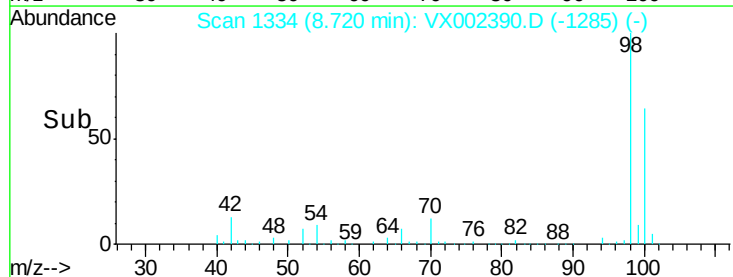
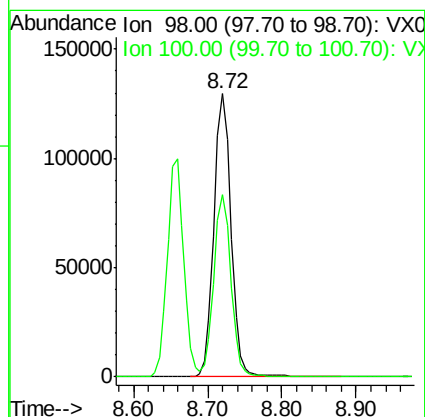
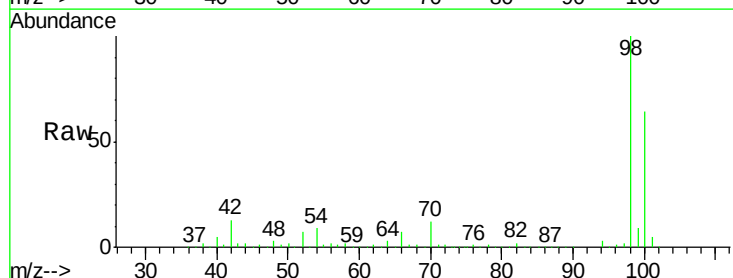
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

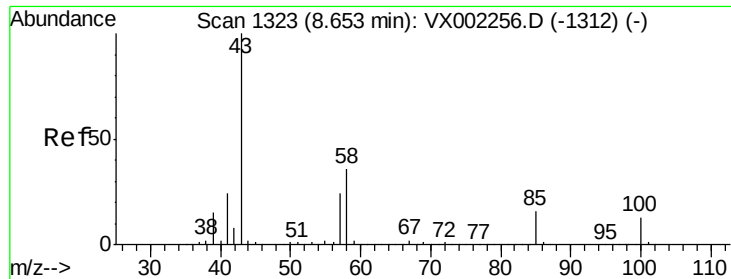
Tot Ion: 88 Resp: 70066
Ion Ratio Lower Upper
88 100
43 35.5 29.8 44.6
58 69.3 57.1 85.7



#50
Toluene-d8
Concen: 21.64 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion: 98 Resp: 205013
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 271.51 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

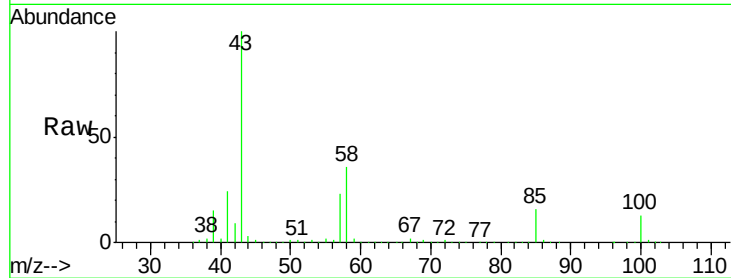
VSTDCCC050EC

Tot Ion: 43 Resp: 1141256

Ion Ratio Lower Upper

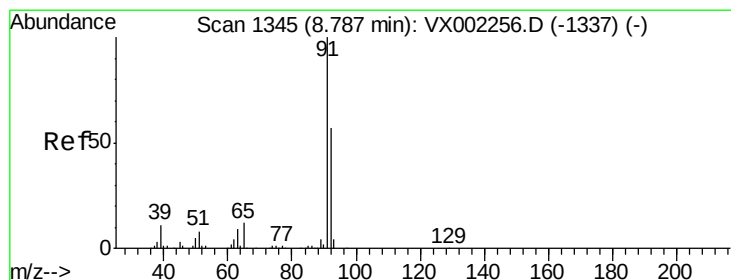
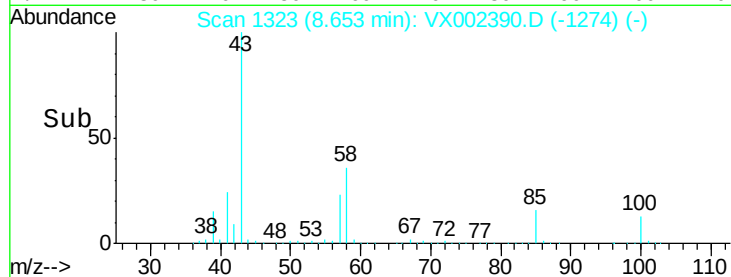
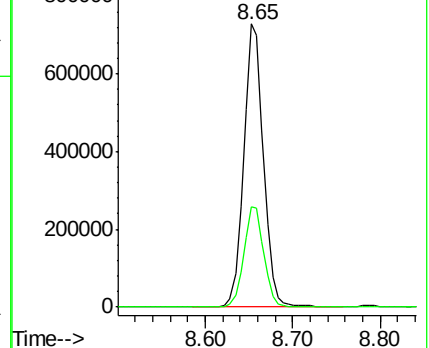
43 100

58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.32 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002390.D

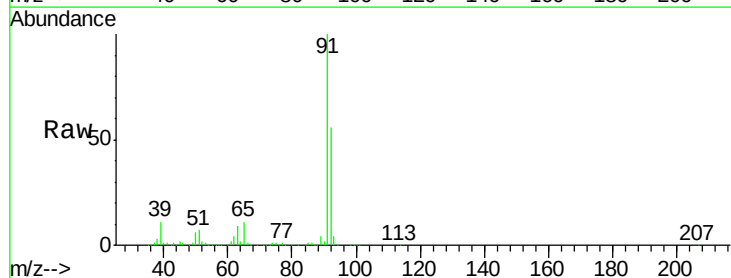
Acq: 07 Jun 2018 20:47

Tgt Ion: 92 Resp: 317791

Ion Ratio Lower Upper

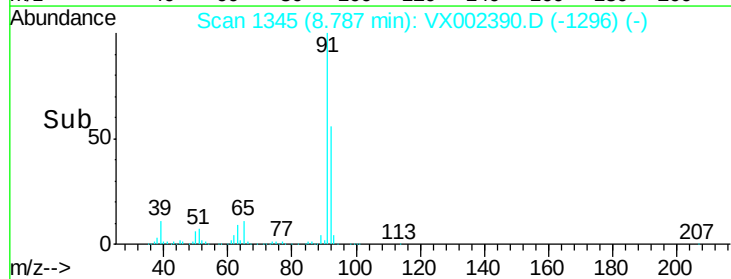
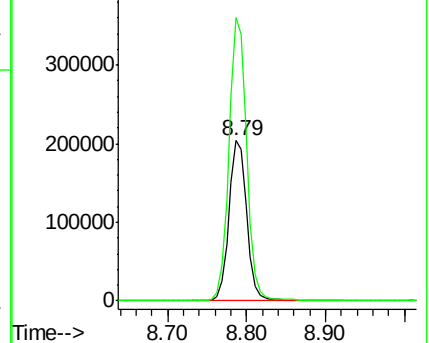
92 100

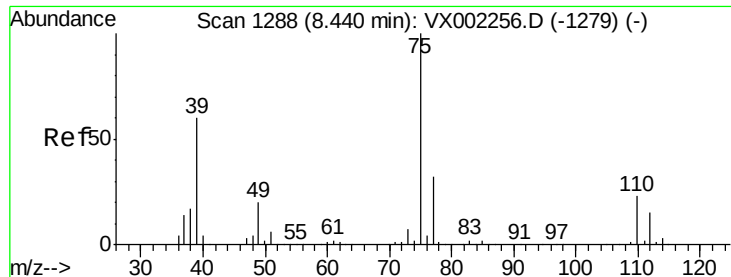
91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.92 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

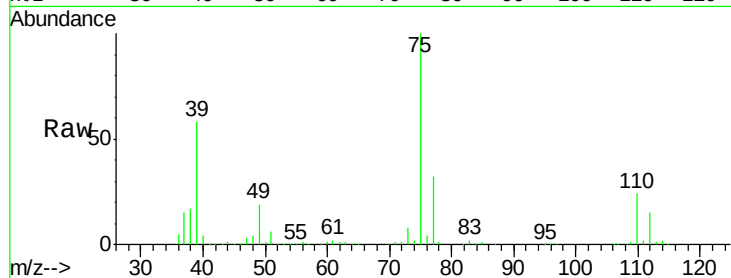
VSTDCCC050EC

Tot Ion: 75 Resp: 204791

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

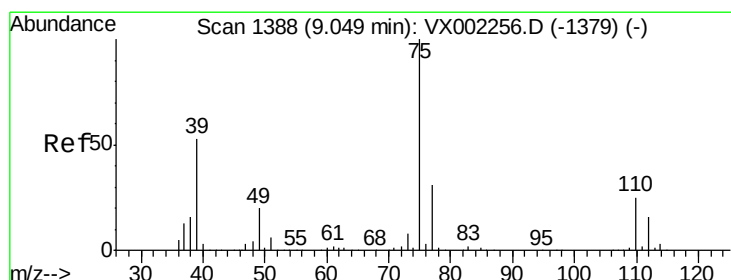
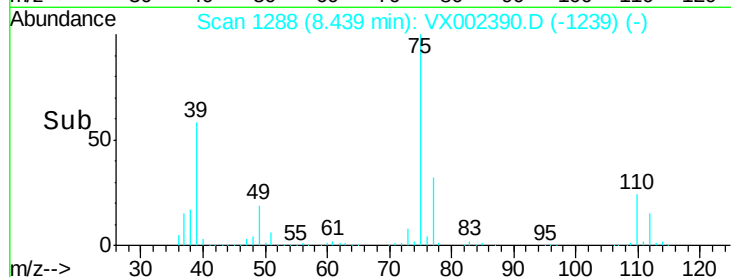
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.73 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

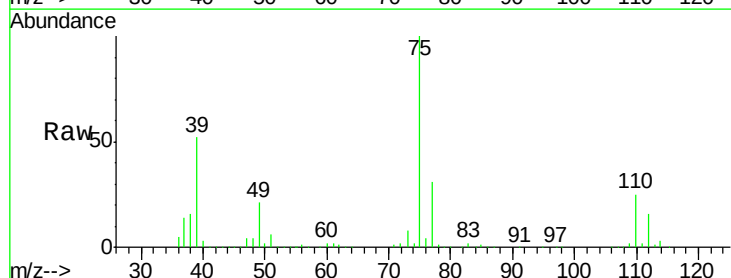
Tgt Ion: 75 Resp: 192478

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 52.3 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

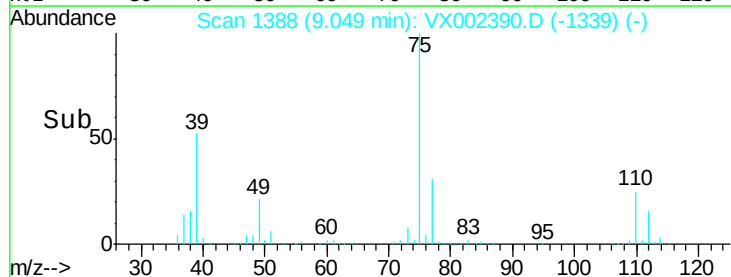
150000

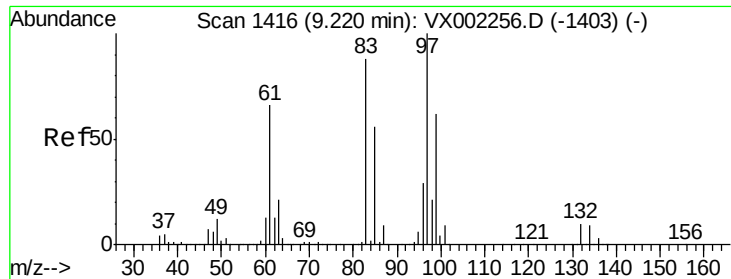
100000

50000

0

Time-->



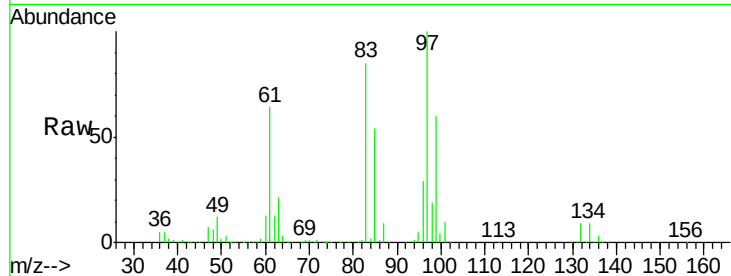


#55
 1,1,2-Trichloroethane
 Concen: 54.15 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 143522

Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.2	105.2
85	53.7	44.9	67.3
99	60.3	49.8	74.8



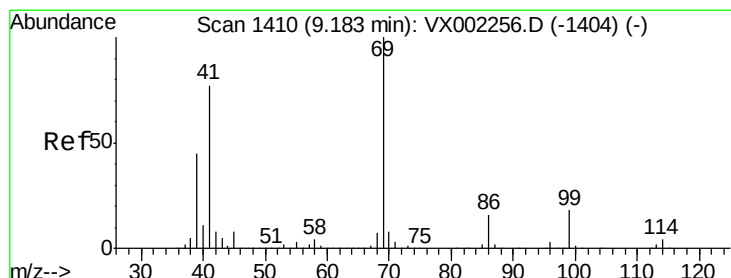
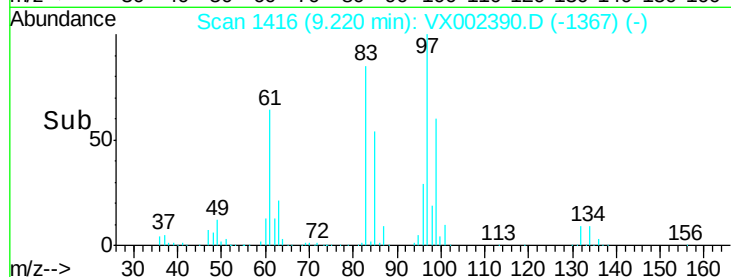
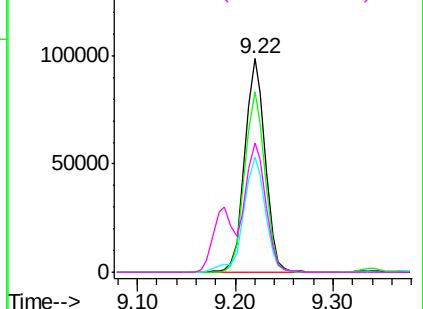
Abundance

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

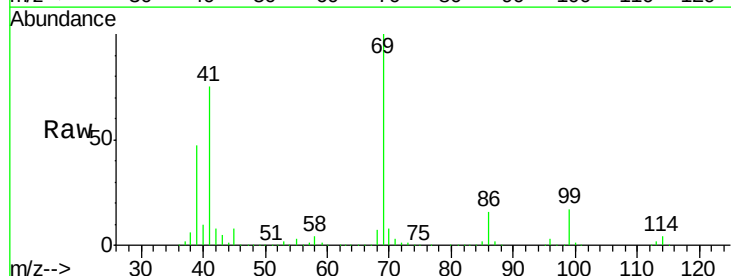
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 53.02 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Tgt Ion: 69 Resp: 224355

Ion	Ratio	Lower	Upper
69	100		
41	74.0	60.3	90.5
39	45.6	35.8	53.8

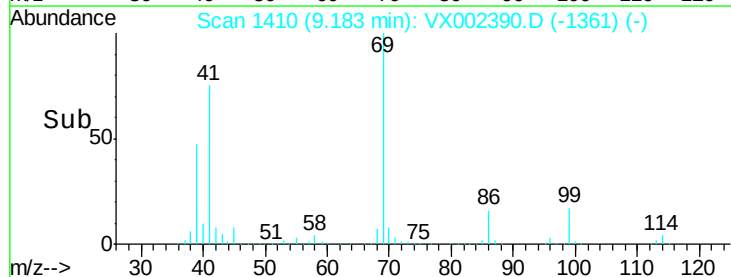
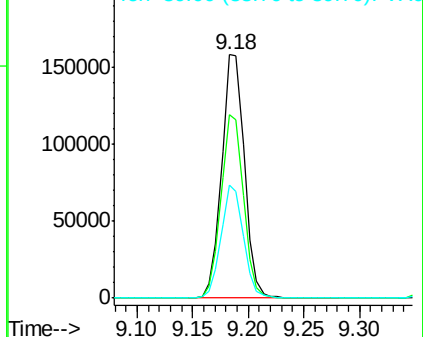


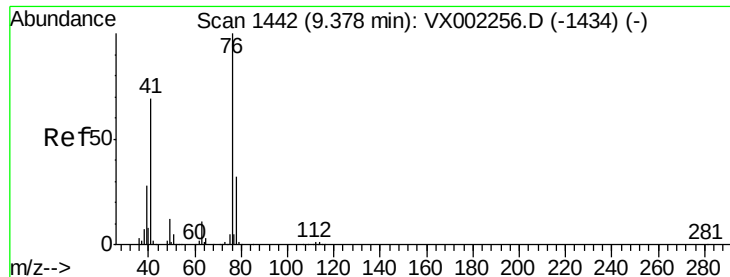
Abundance

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

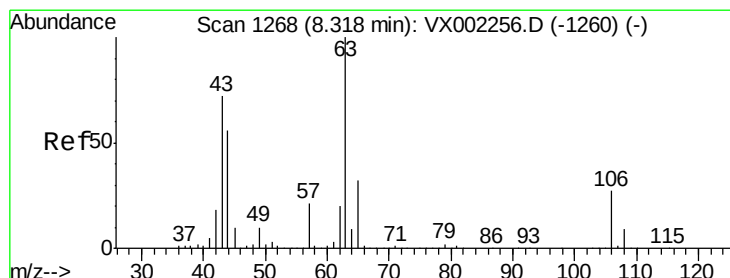
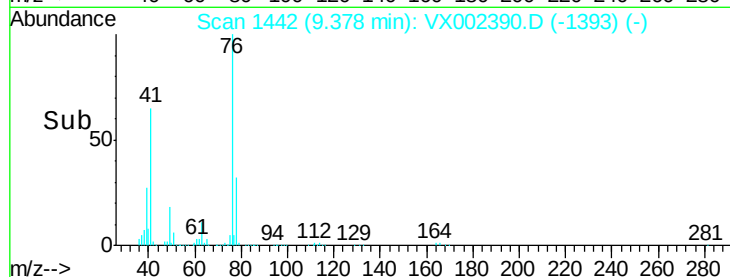
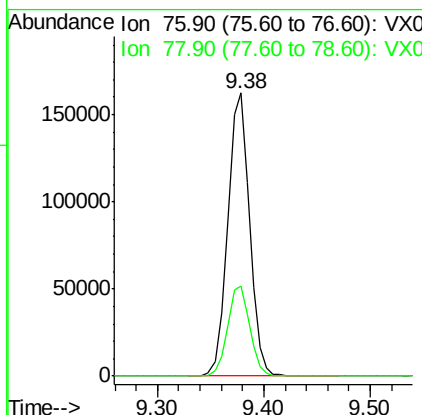
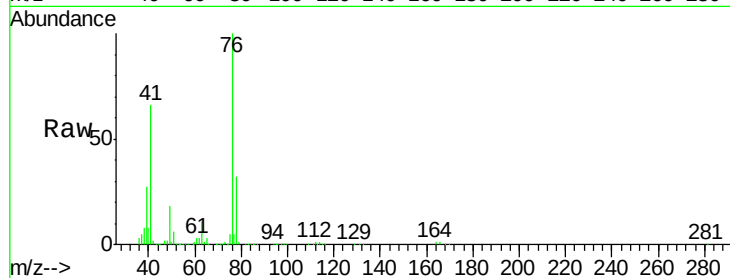




#57
 1,3-Dichloropropane
 Concen: 52.40 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

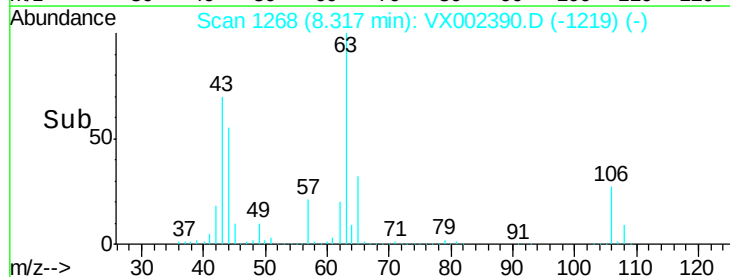
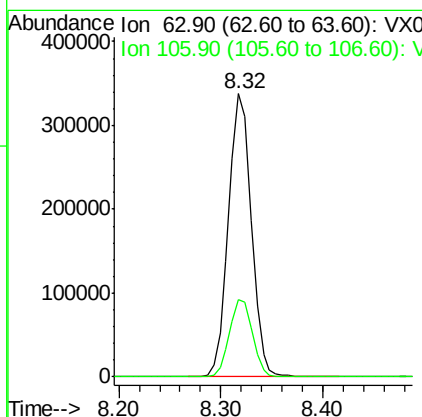
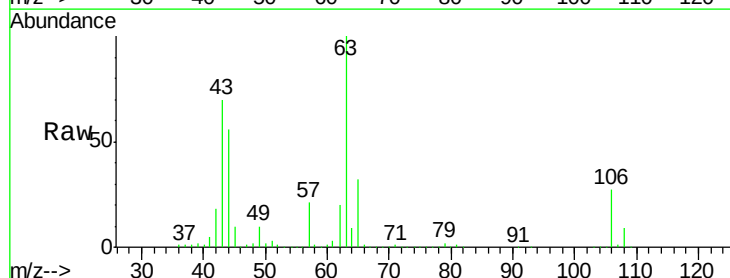
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

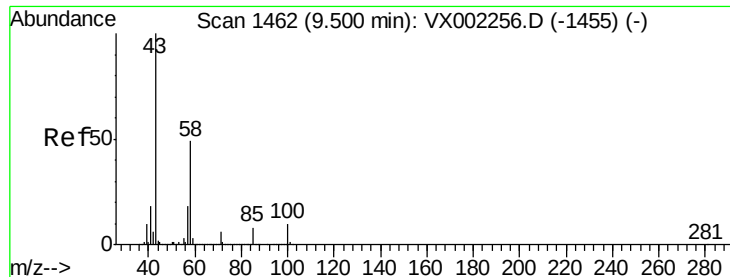
Tot Ion: 76 Resp: 232970
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.39 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Tgt Ion: 63 Resp: 523671
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.8

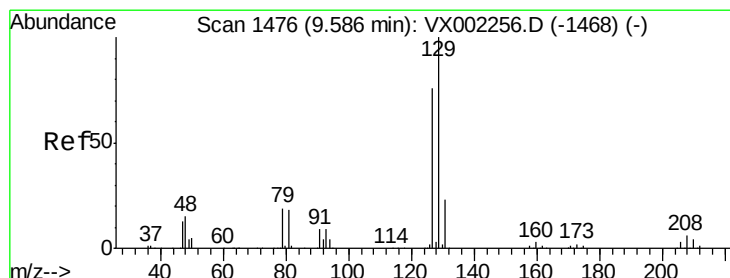
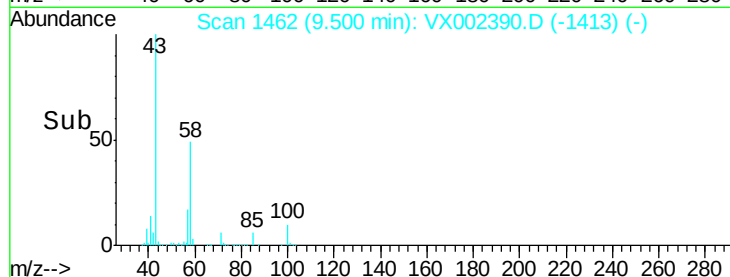
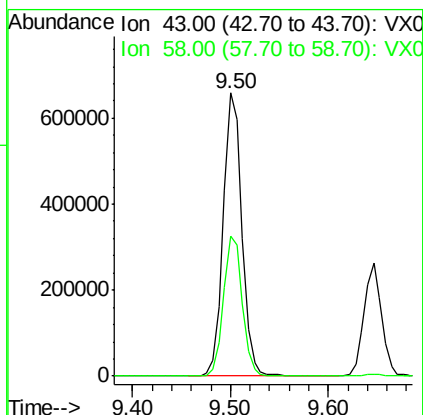
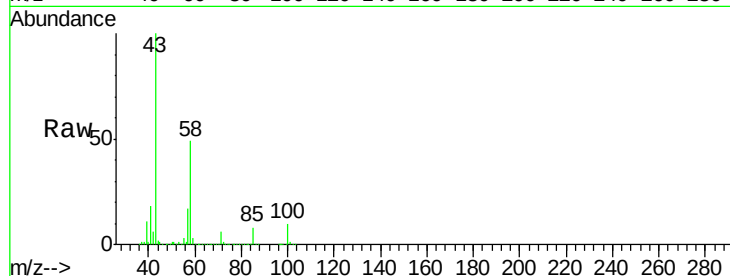




#59
2-Hexanone
Concen: 268.82 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

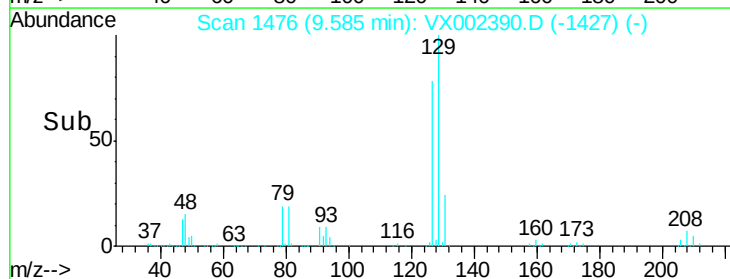
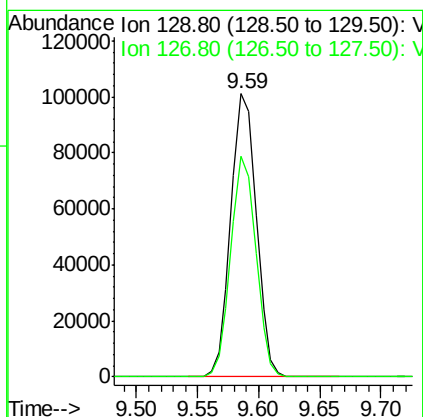
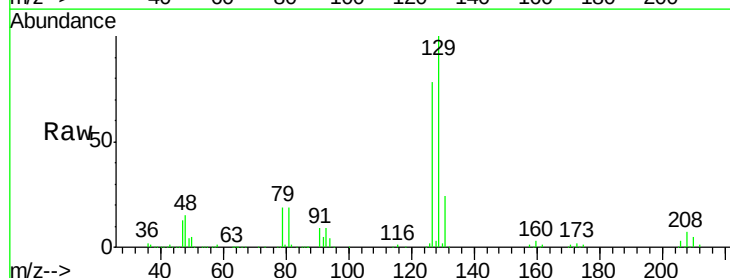
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

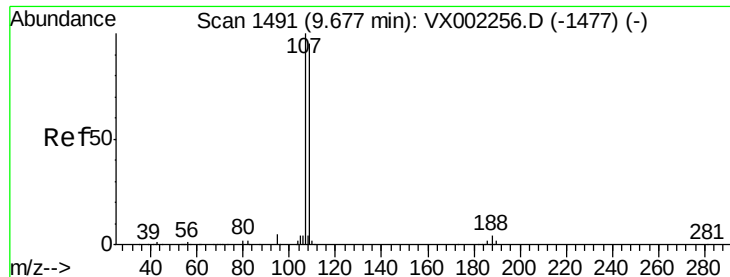
Tot Ion: 43 Resp: 872770
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.6



#60
Dibromochloromethane
Concen: 54.94 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion: 129 Resp: 146455
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.19 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

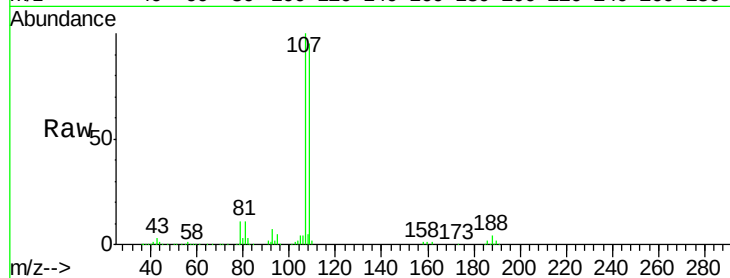
VSTDCCC050EC

Tot Ion:107 Resp: 149744

Ion Ratio Lower Upper

107 100

109 95.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

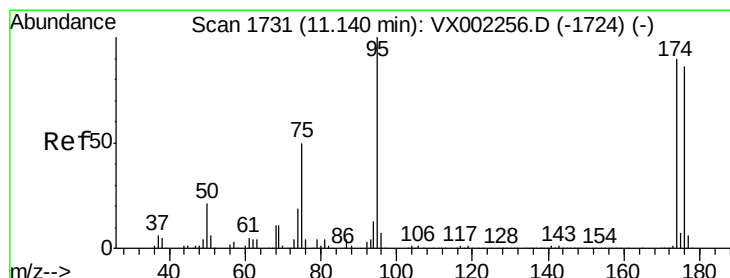
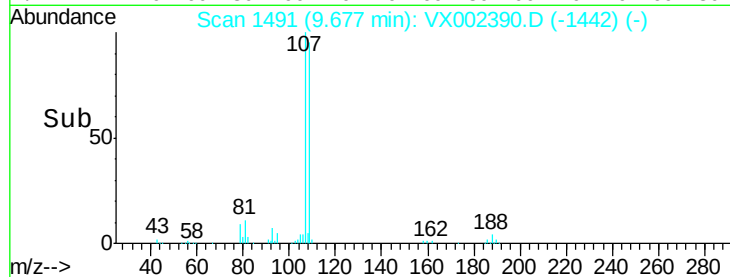
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 22.18 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

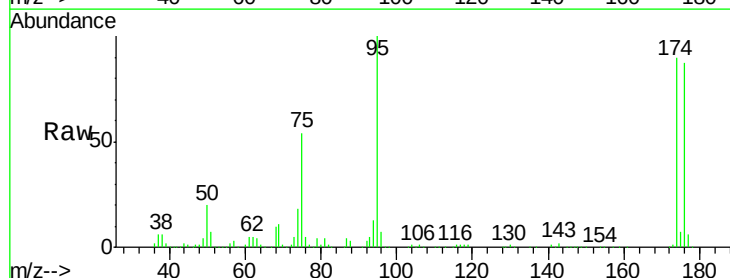
Tgt Ion: 95 Resp: 81049

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

176 92.4 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

80000

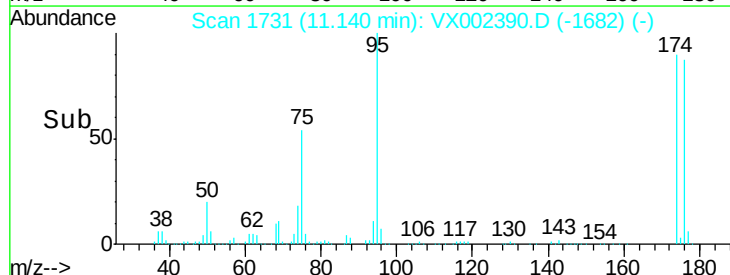
60000

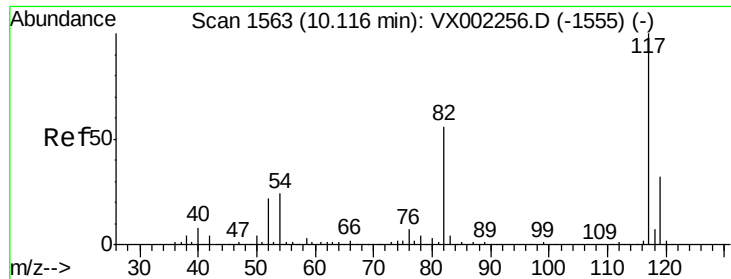
40000

20000

0

Time-->

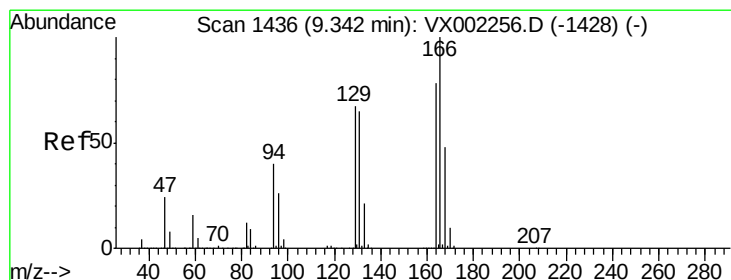
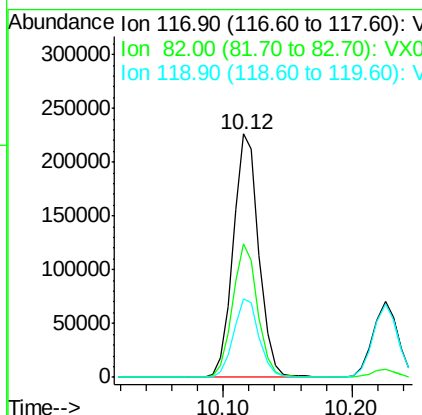
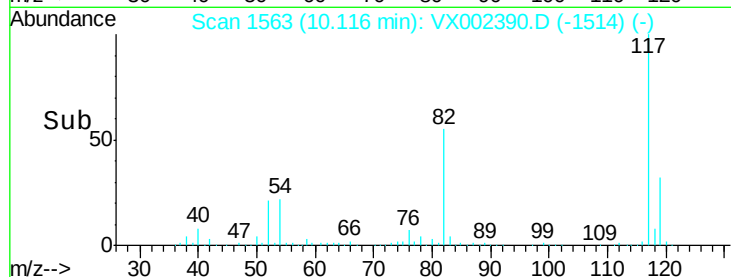
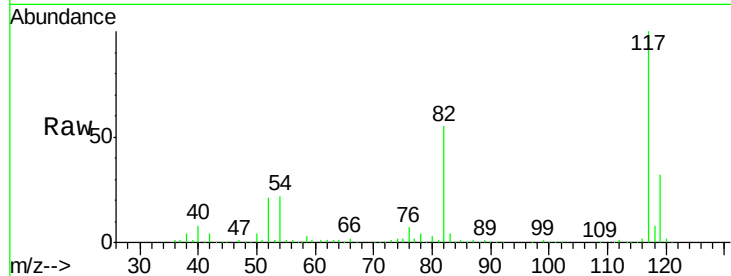




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

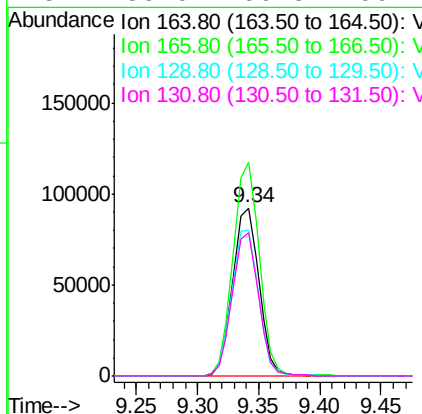
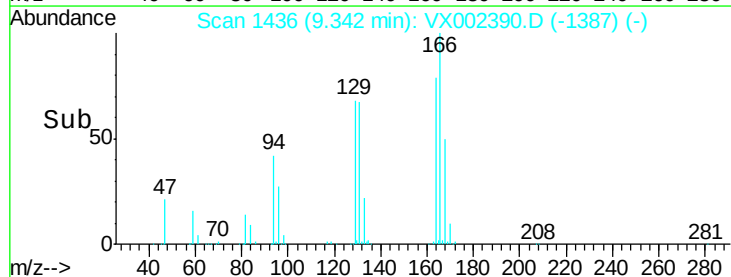
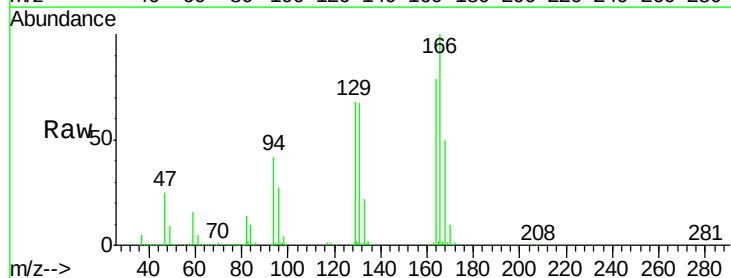
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

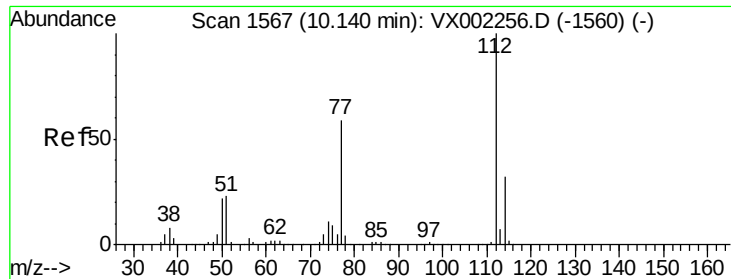
Tot Ion:117 Resp: 312432
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 42.84 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion:164 Resp: 138041
Ion Ratio Lower Upper
164 100
166 127.1 102.9 154.3
129 86.7 68.6 102.8
131 85.0 66.8 100.2

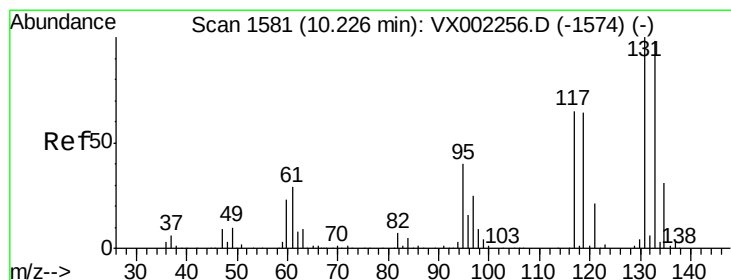
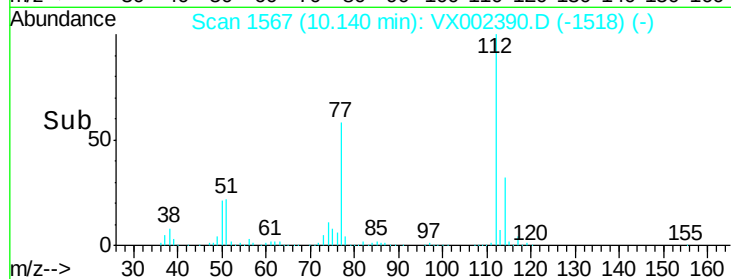
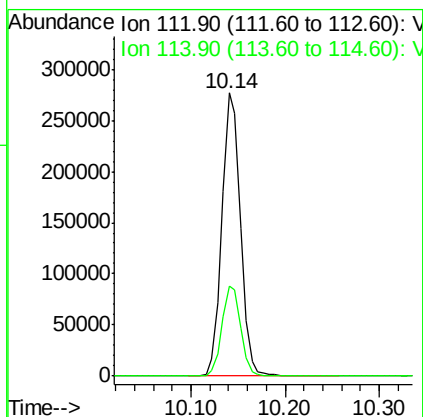
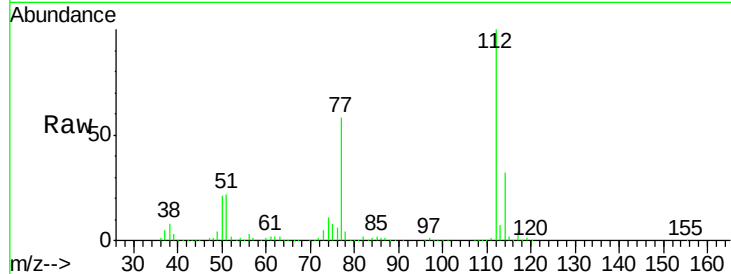




#65
Chlorobenzene
Concen: 48.58 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

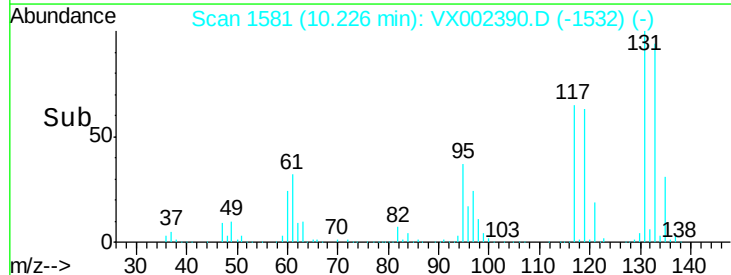
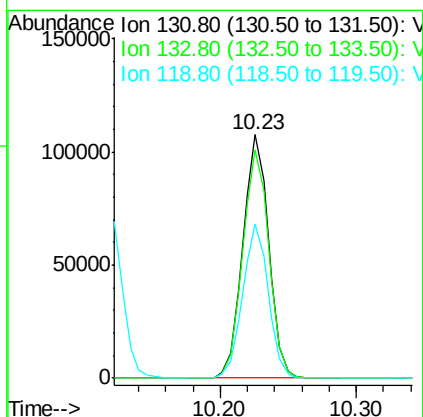
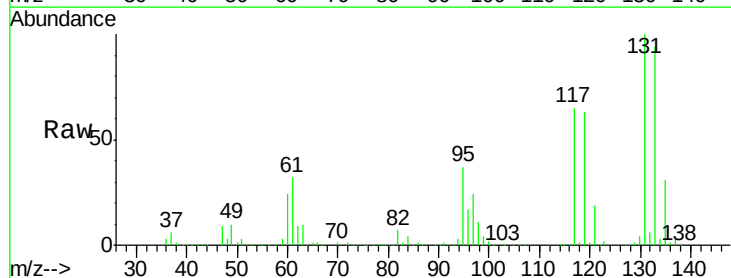
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

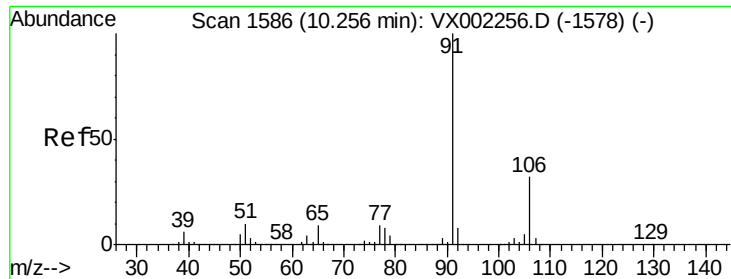
Tot Ion:112 Resp: 377639
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.60 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion:131 Resp: 142447
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 63.1 31.8 95.3

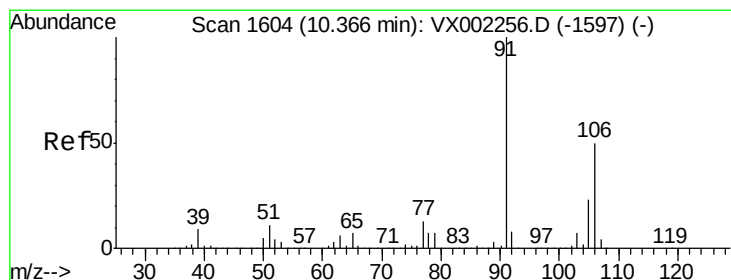
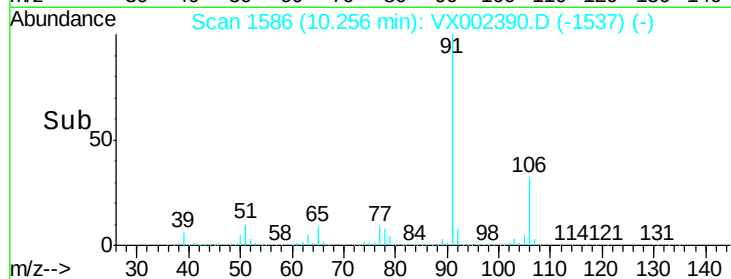
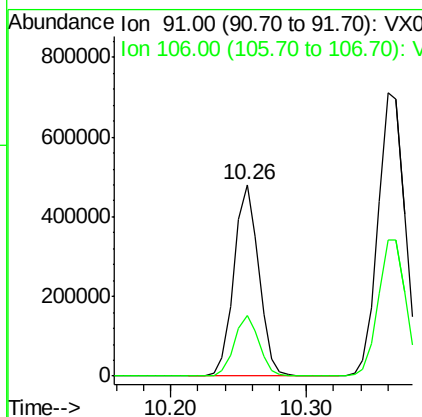
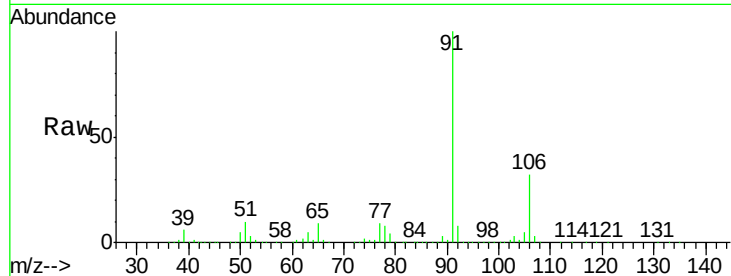




#67
Ethyl Benzene
Concen: 47.12 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

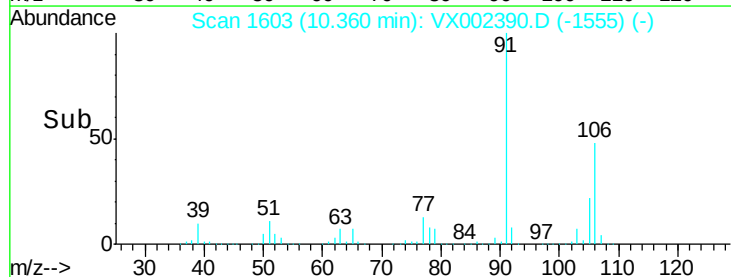
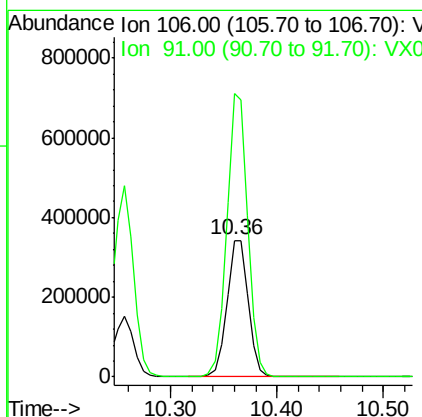
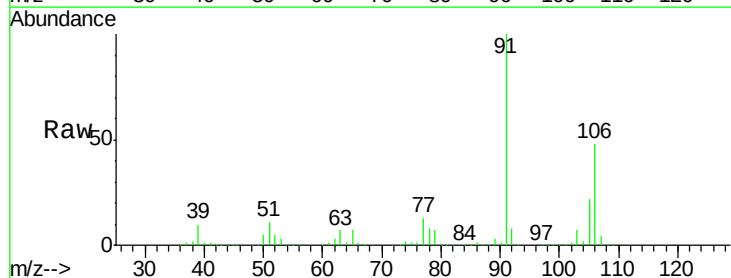
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

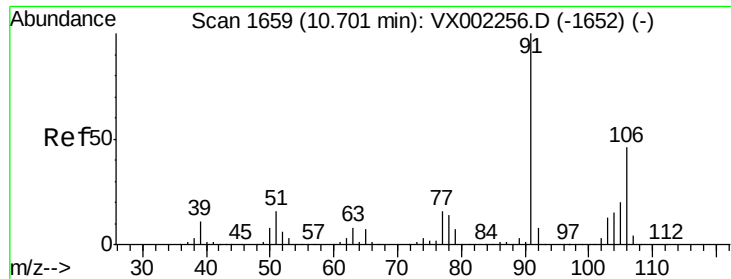
Tot Ion: 91 Resp: 613073
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 94.43 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion: 106 Resp: 477590
Ion Ratio Lower Upper
106 100
91 204.4 163.4 245.2

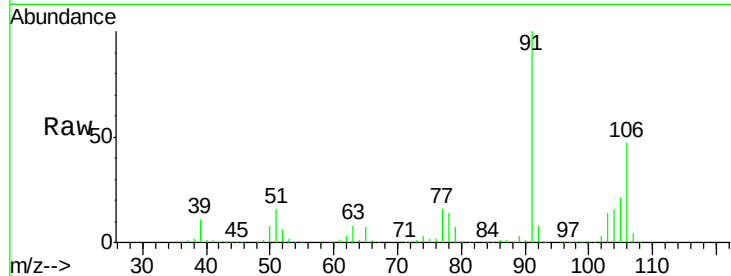




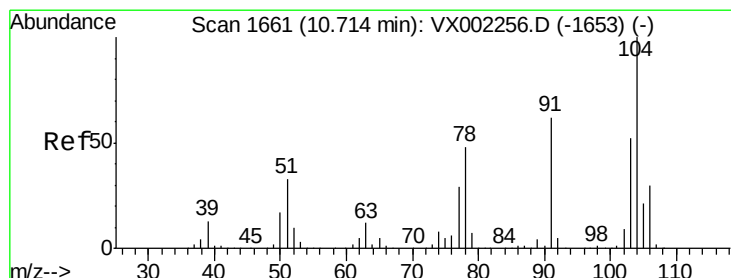
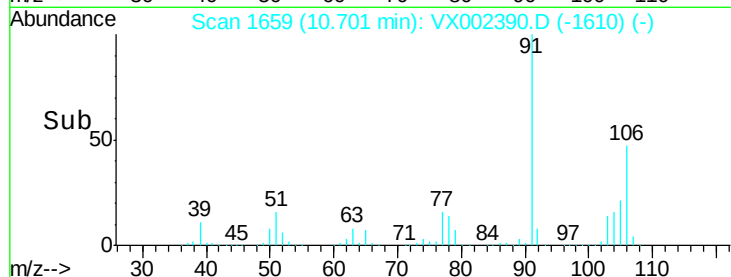
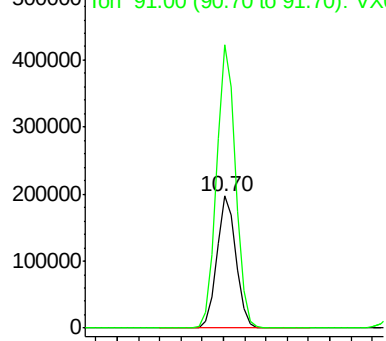
#69
o-Xylene
Concen: 49.07 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 246981
Ion Ratio Lower Upper
106 100
91 214.8 108.2 324.6

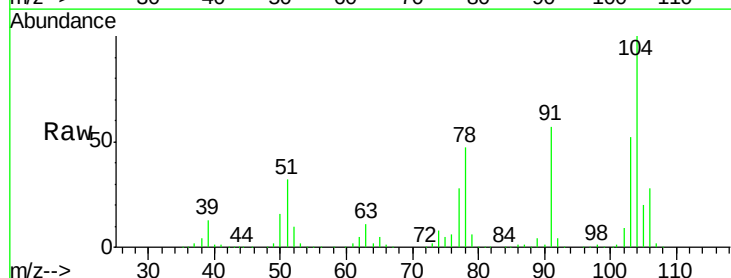


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

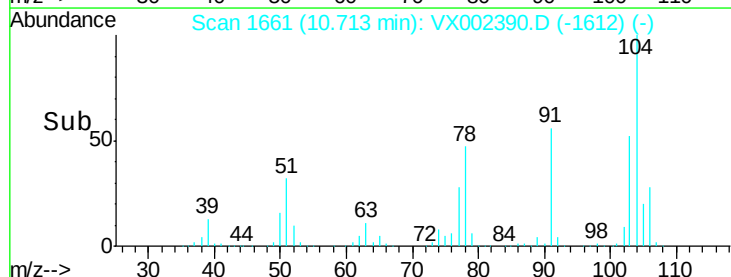
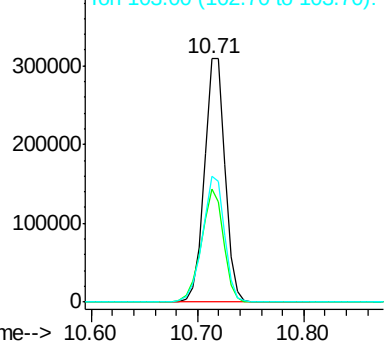


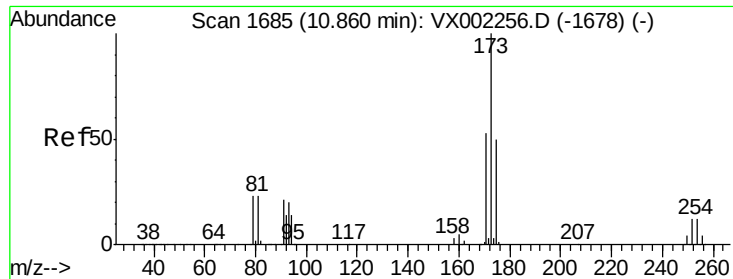
#70
Styrene
Concen: 51.06 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion:104 Resp: 420089
Ion Ratio Lower Upper
104 100
78 49.9 41.0 61.6
103 55.4 44.2 66.4



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

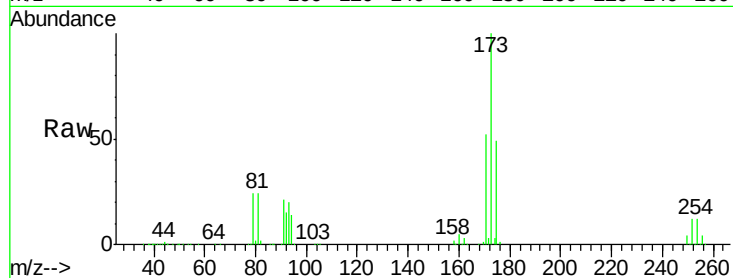




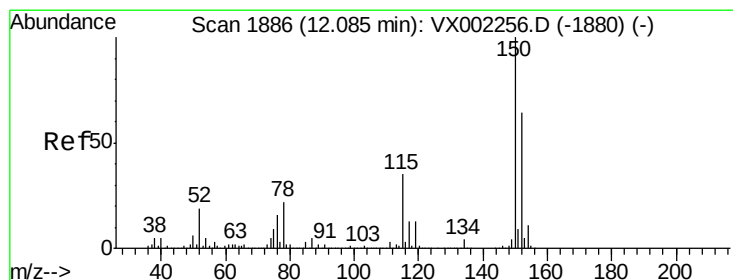
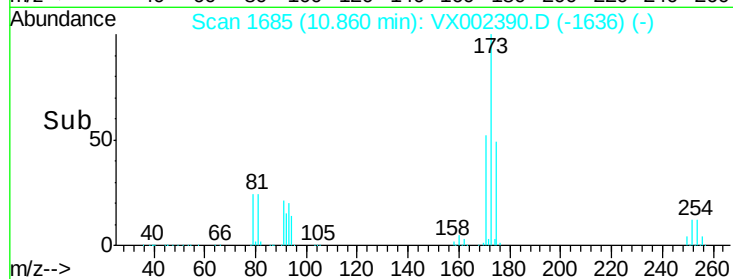
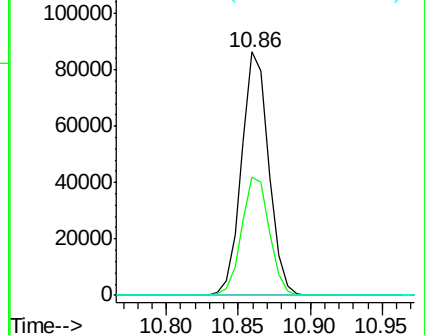
#71
Bromoform
Concen: 45.02 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 112570
Ion Ratio Lower Upper
173 100
175 49.5 24.7 74.1
254 0.2 0.2 0.2

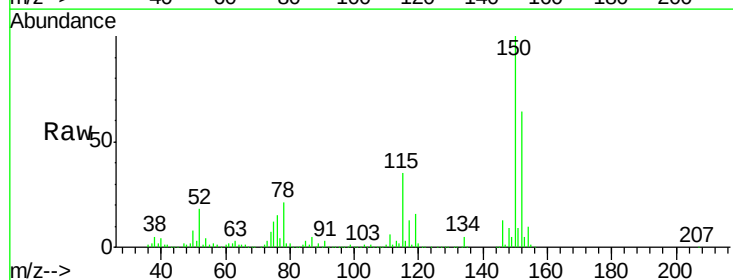


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

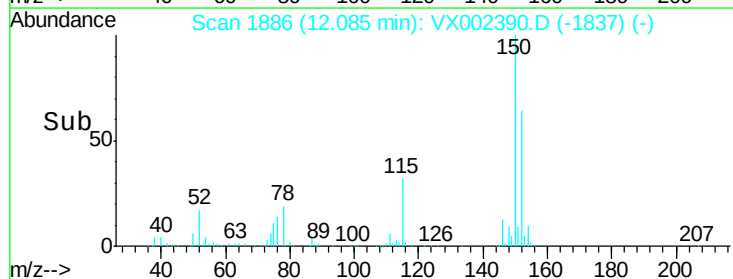
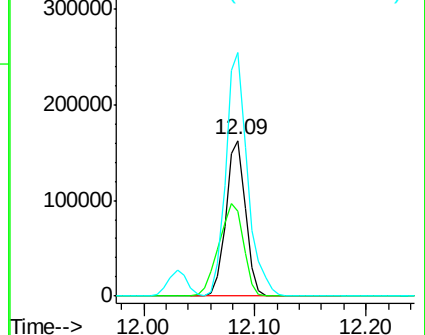


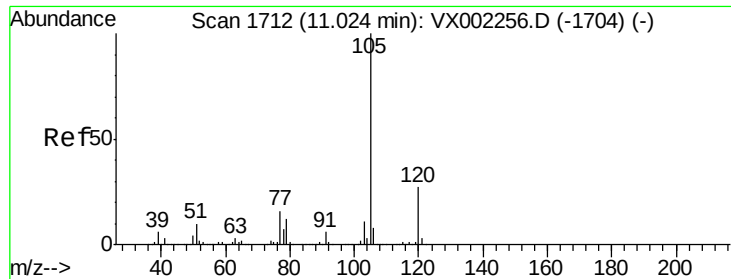
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion:152 Resp: 196388
Ion Ratio Lower Upper
152 100
115 76.1 40.1 120.2
150 173.7 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.10 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

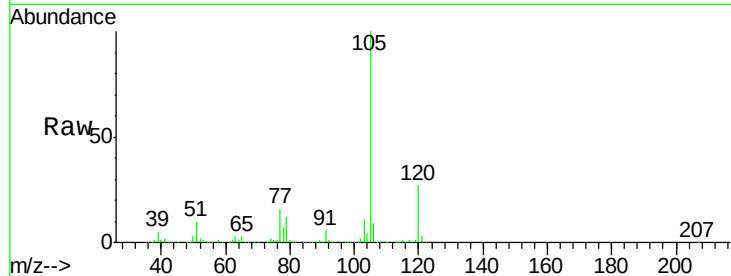
VSTDCCC050EC

Tot Ion:105 Resp: 616187

Ion Ratio Lower Upper

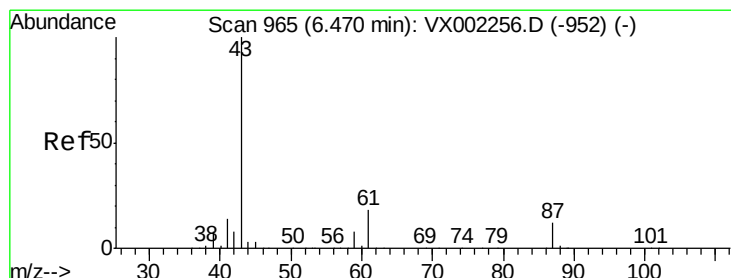
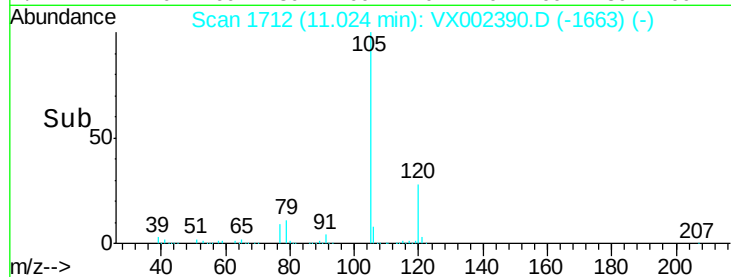
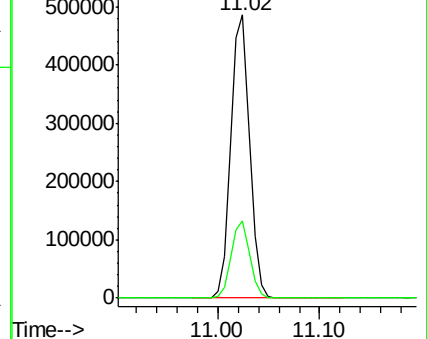
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.13 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Tgt Ion: 43 Resp: 346943

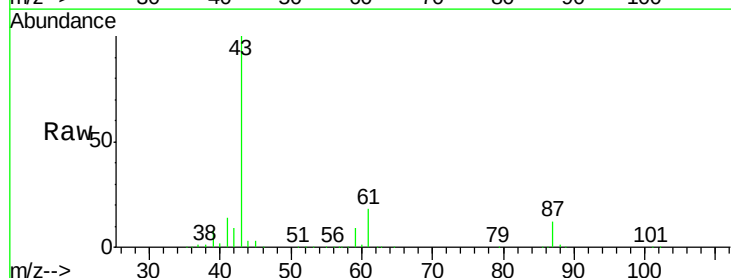
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.3 14.4 21.6

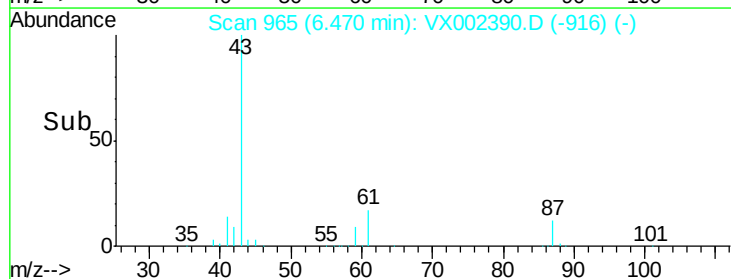
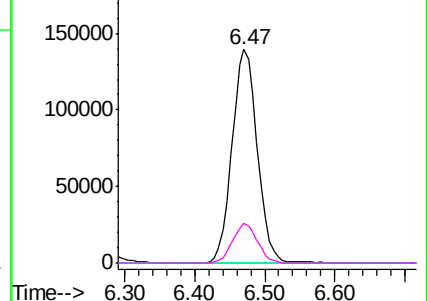


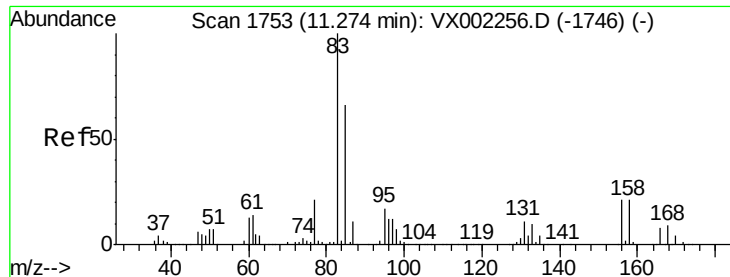
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.43 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

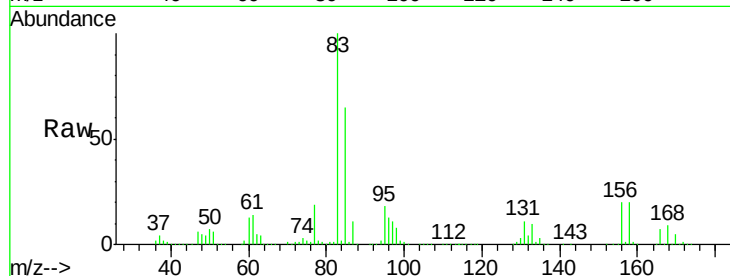
Tot Ion: 83 Resp: 216686

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

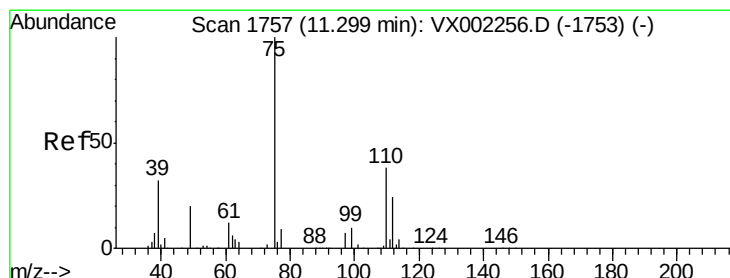
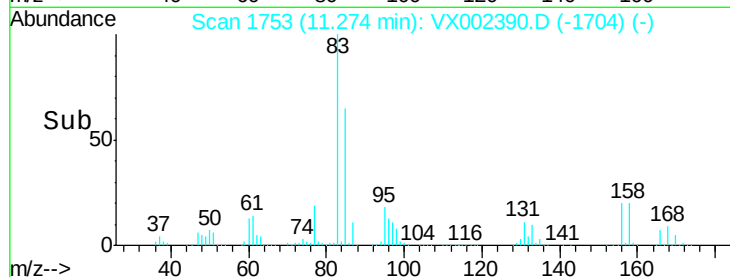
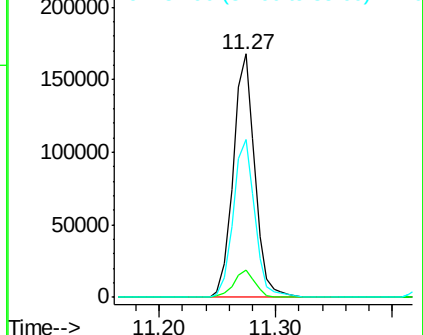
85 65.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.49 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002390.D

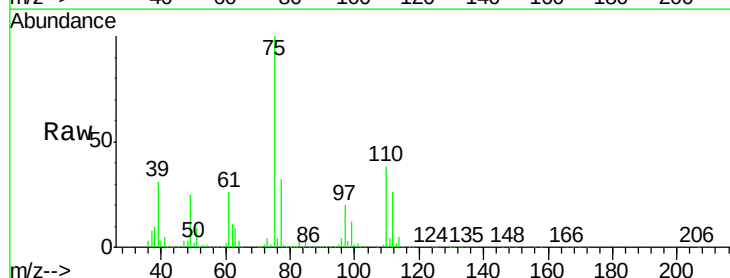
Acq: 07 Jun 2018 20:47

Tgt Ion: 75 Resp: 247741

Ion Ratio Lower Upper

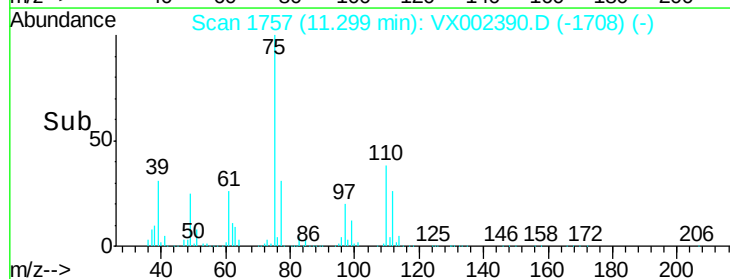
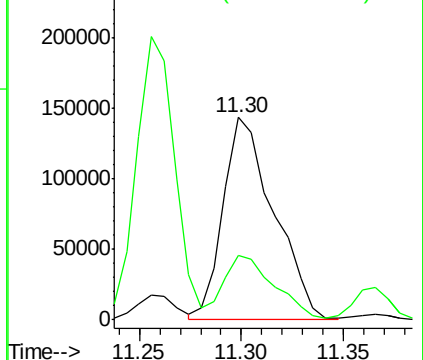
75 100

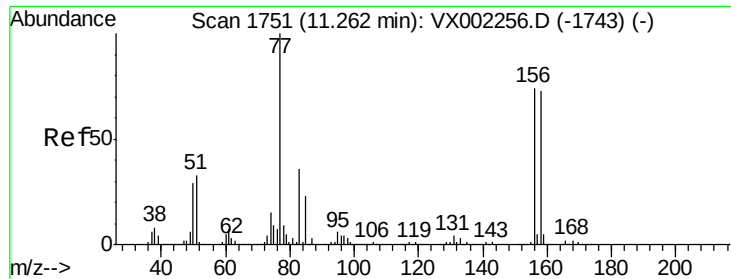
77 32.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.11 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

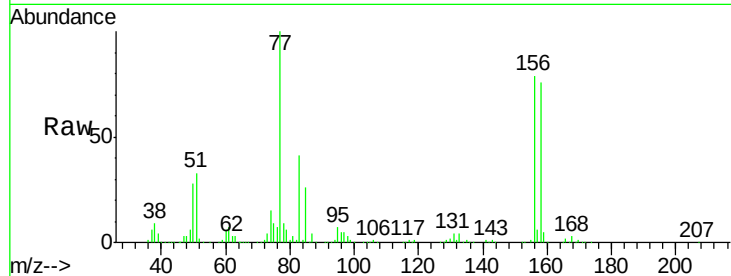
Tot Ion:156 Resp: 188353

Ion Ratio Lower Upper

156 100

77 138.9 71.4 214.2

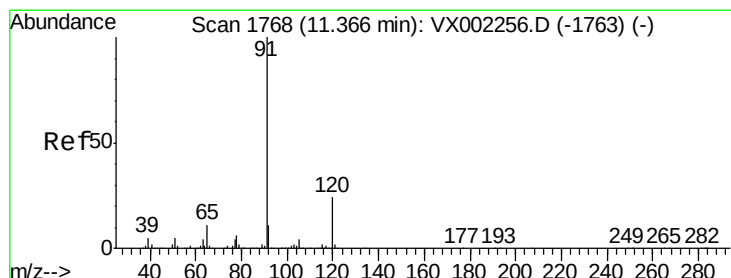
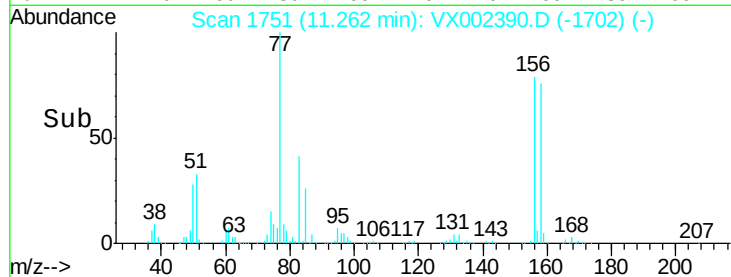
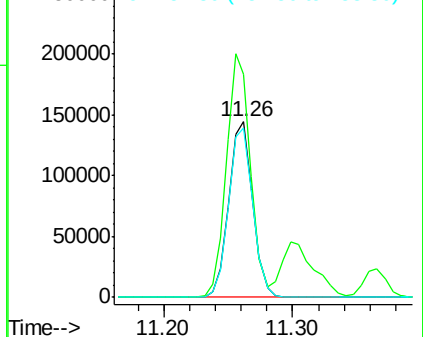
158 98.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 45.05 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002390.D

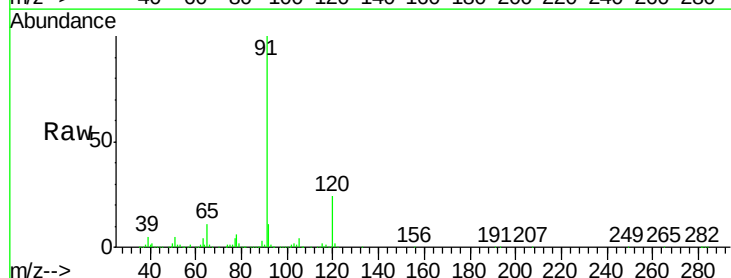
Acq: 07 Jun 2018 20:47

Tgt Ion: 91 Resp: 684140

Ion Ratio Lower Upper

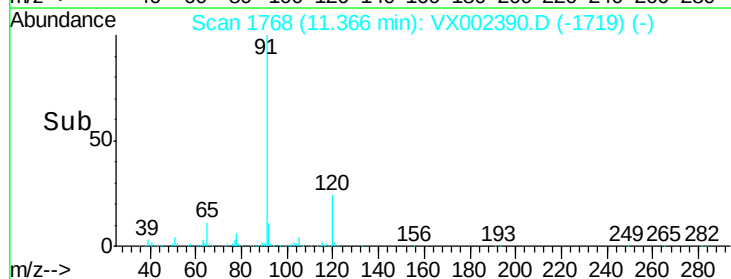
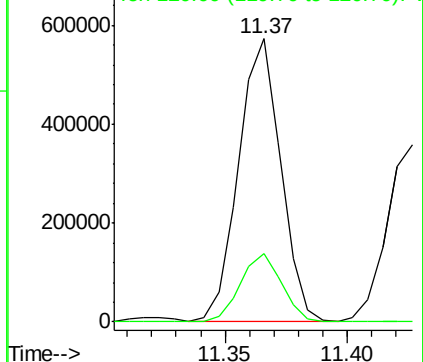
91 100

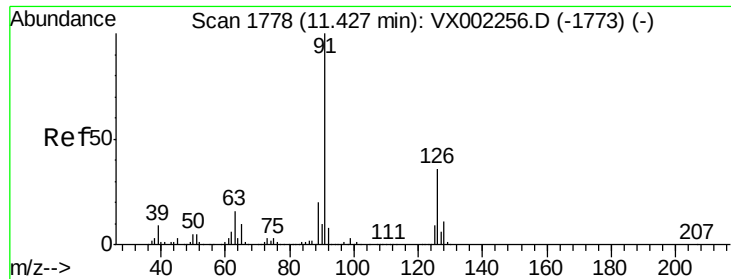
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

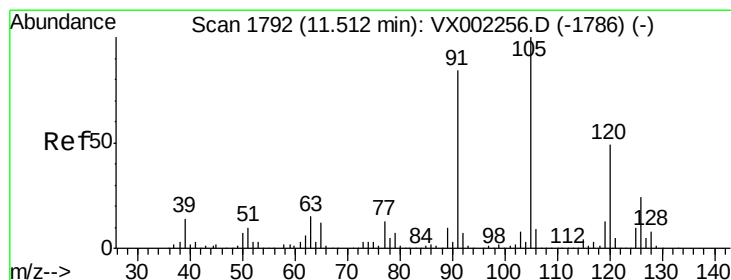
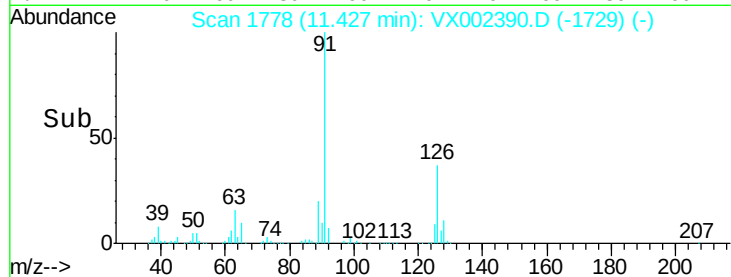
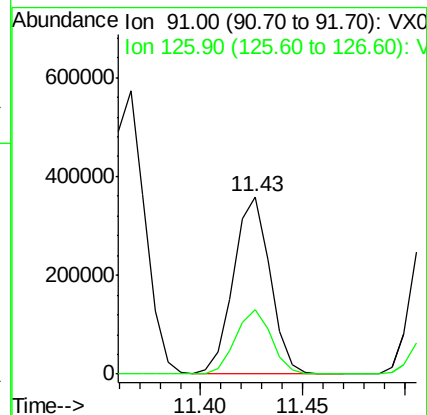
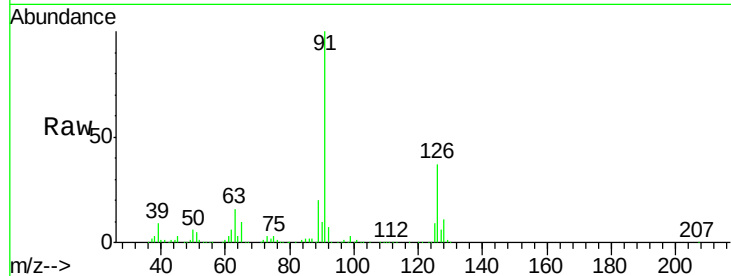
VSTDCCC050EC

Tot Ion: 91 Resp: 441069

Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 45.78 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002390.D

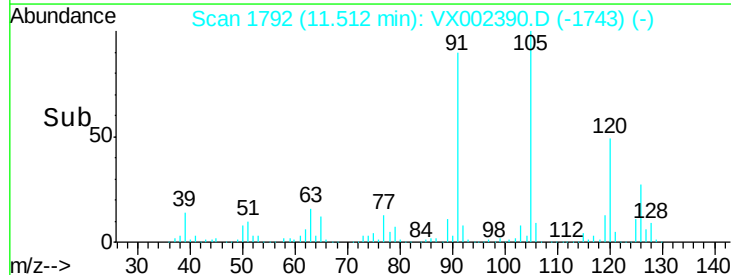
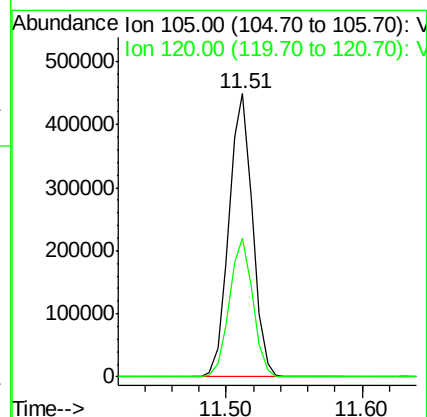
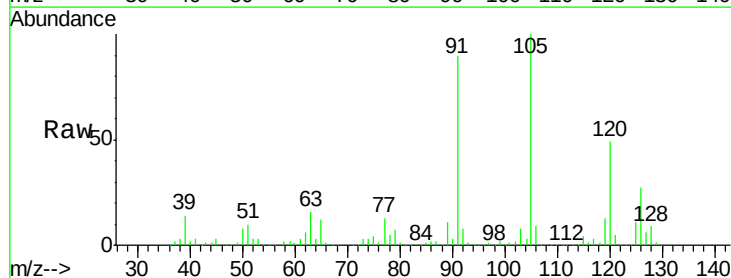
Acq: 07 Jun 2018 20:47

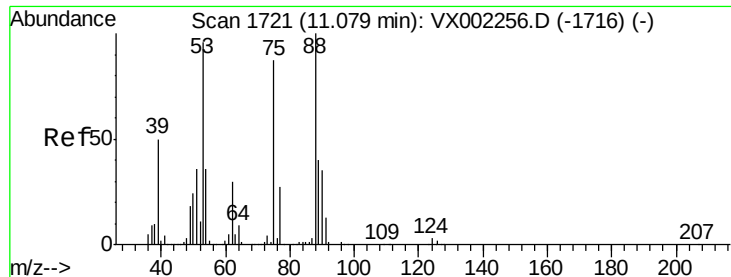
Tgt Ion: 105 Resp: 536407

Ion Ratio Lower Upper

105 100

120 48.7 24.4 73.4

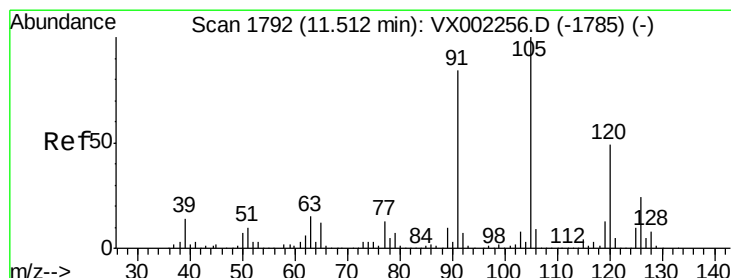
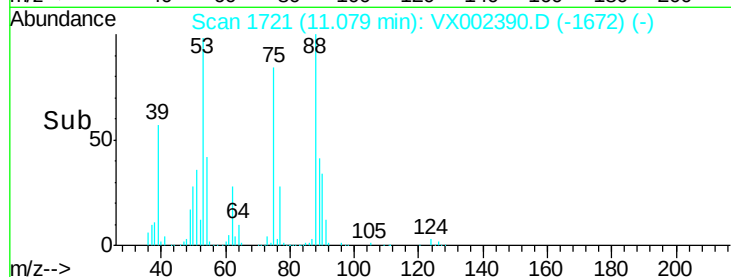
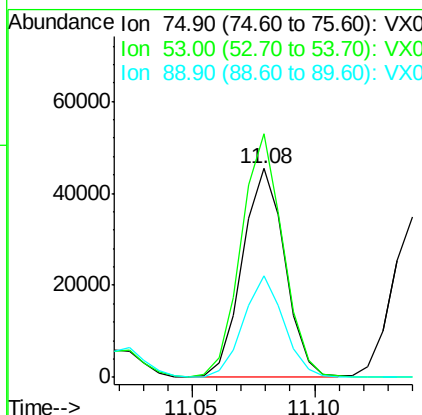
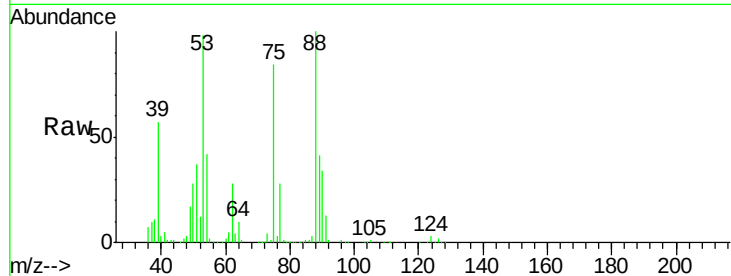




#81
trans-1,4-Dichloro-2-butene
Concen: 44.13 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

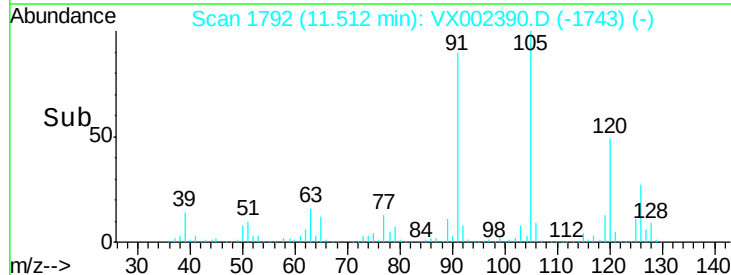
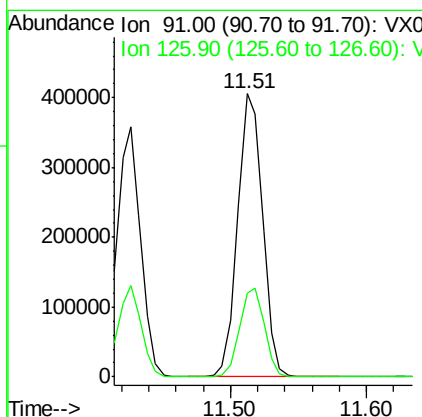
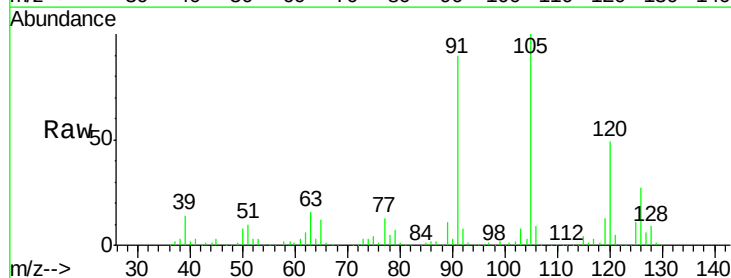
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

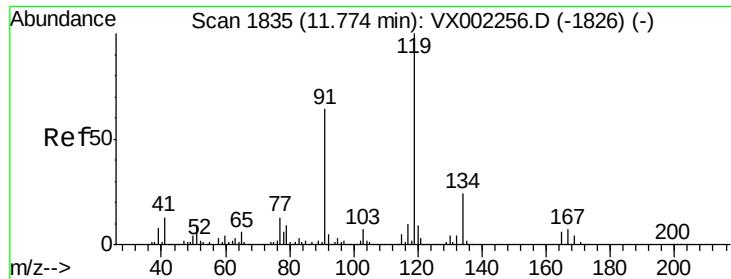
Tot Ion: 75 Resp: 54251
Ion Ratio Lower Upper
75 100
53 115.5 86.8 130.2
89 47.0 38.2 57.2



#82
4-Chlorotoluene
Concen: 46.72 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion: 91 Resp: 517046
Ion Ratio Lower Upper
91 100
126 31.3 15.4 46.4

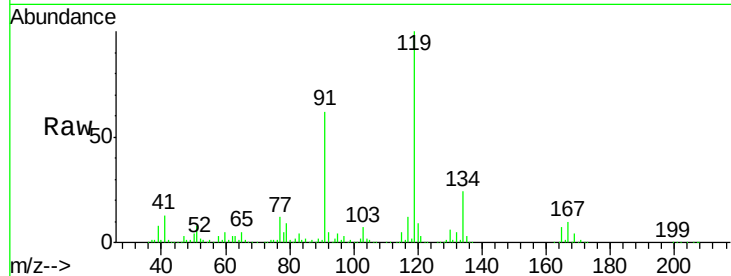




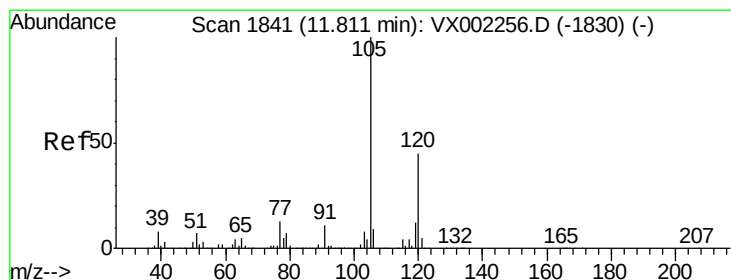
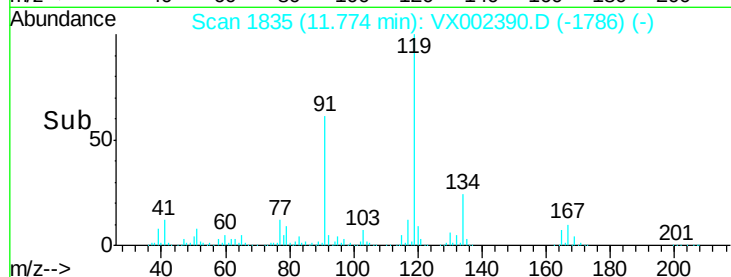
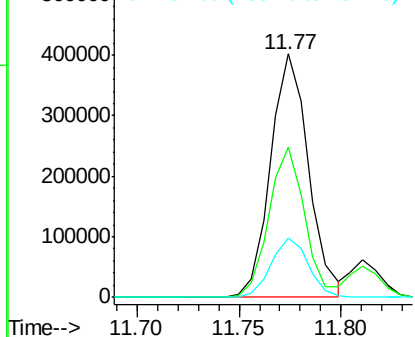
#83
 tert-Butylbenzene
 Concen: 45.79 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 522493
 Ion Ratio Lower Upper
 119 100
 91 58.4 30.3 90.9
 134 23.9 11.7 35.1

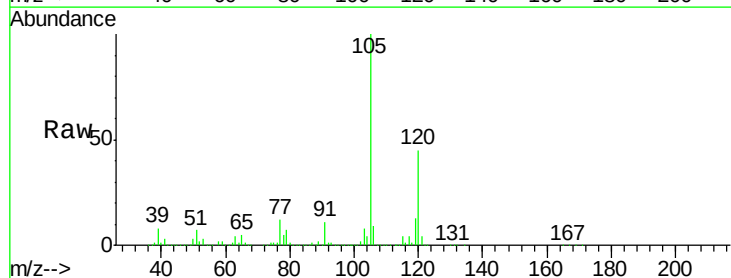


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

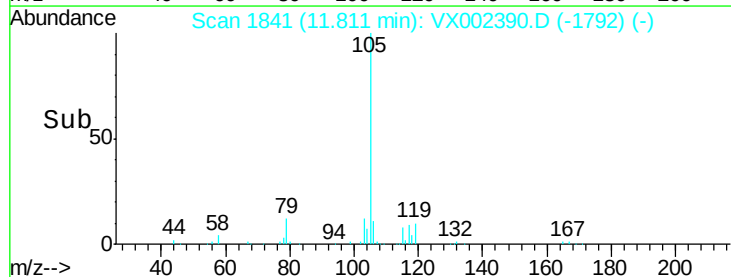
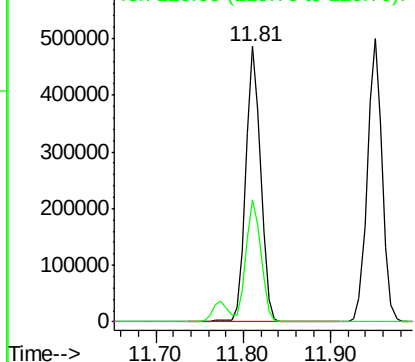


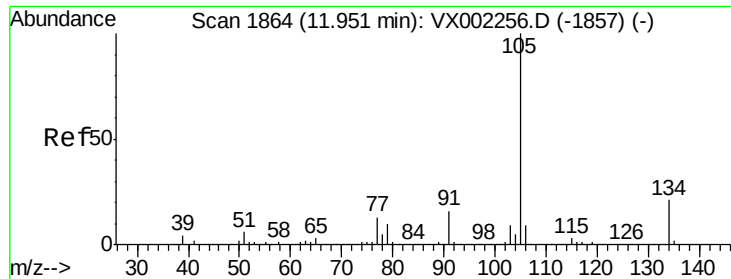
#84
 1,2,4-Trimethylbenzene
 Concen: 47.45 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Tgt Ion:105 Resp: 572379
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.8



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





#85

sec-Butylbenzene

Concen: 44.35 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

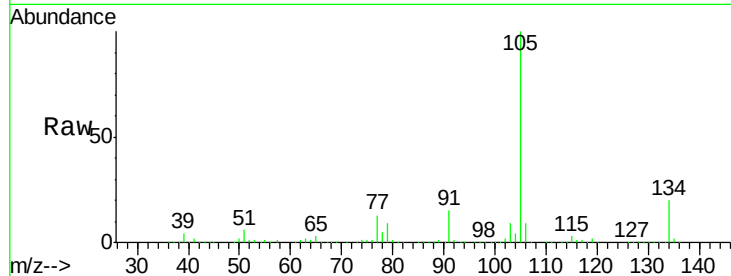
VSTDCCC050EC

Tot Ion:105 Resp: 593286

Ion Ratio Lower Upper

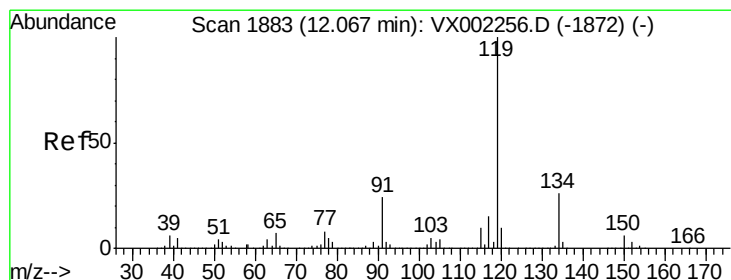
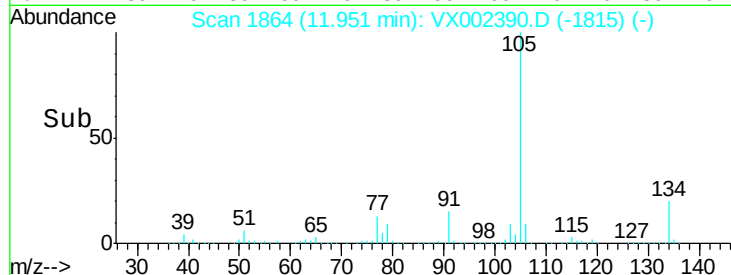
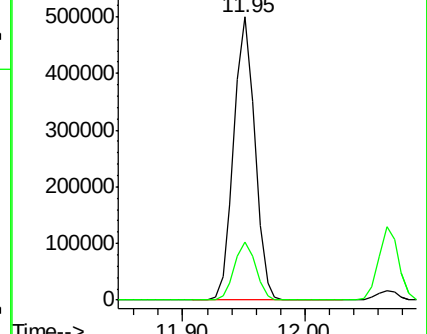
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.23 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

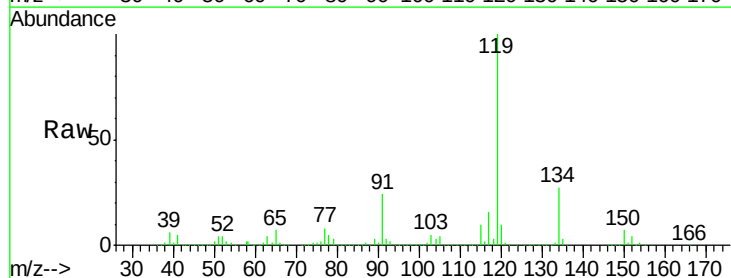
Tgt Ion:119 Resp: 551078

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

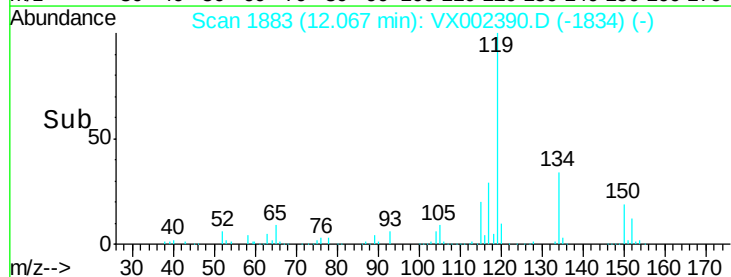
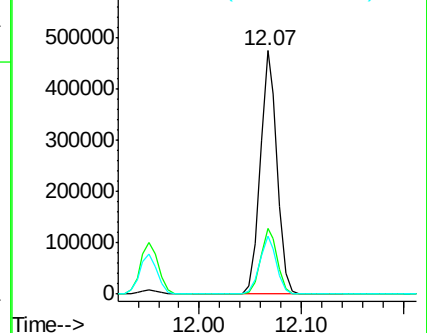
91 23.6 11.9 35.7

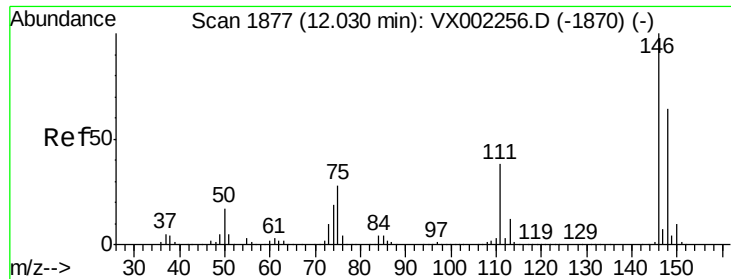


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

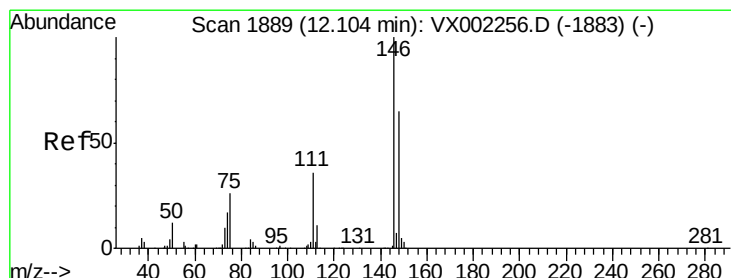
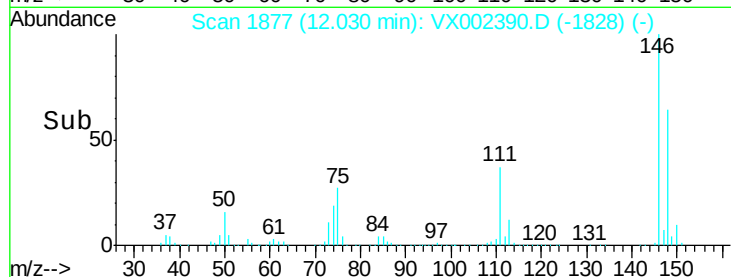
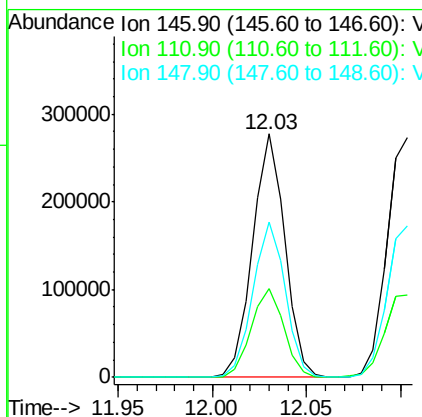
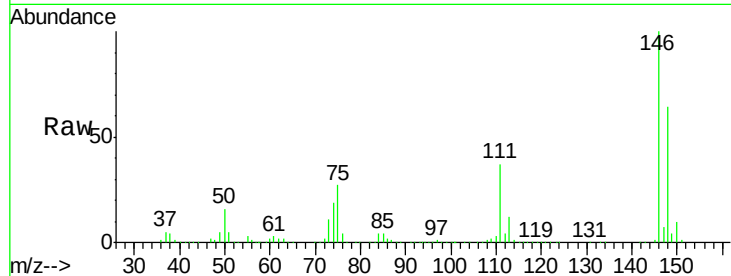




#87
 1,3-Dichlorobenzene
 Concen: 47.98 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

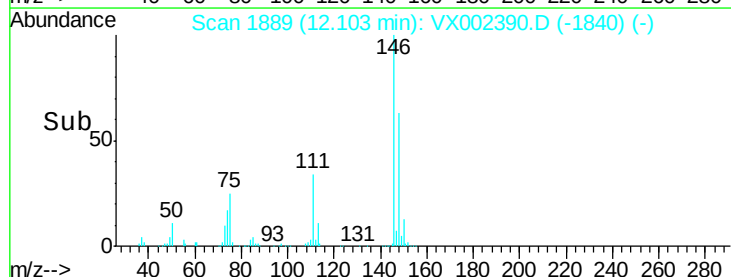
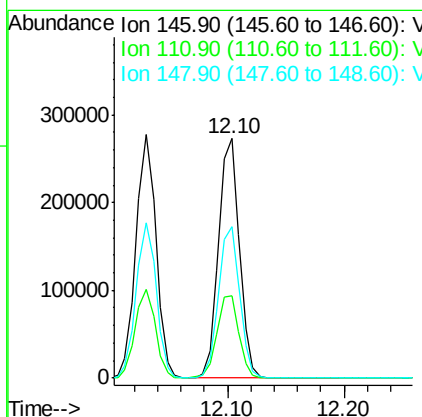
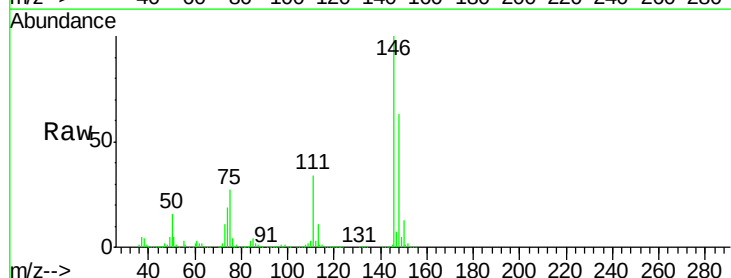
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

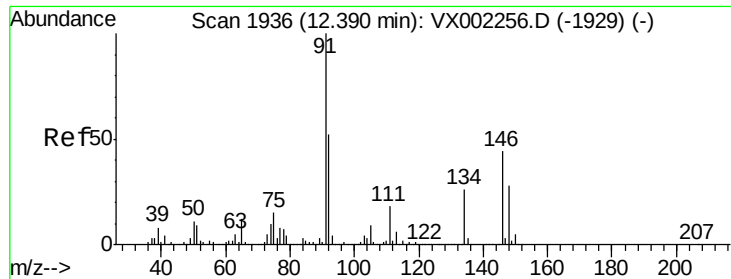
Tot Ion:146 Resp: 329051
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.9 56.7
 148 64.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.47 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Tgt Ion:146 Resp: 335514
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.7 56.1
 148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 43.48 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002390.D

Acq: 07 Jun 2018 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

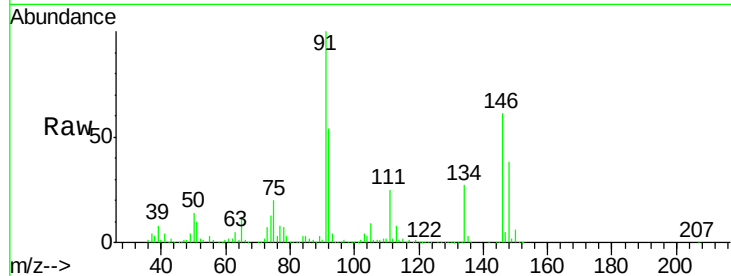
Tot Ion: 91 Resp: 444329

Ion Ratio Lower Upper

91 100

92 52.5 26.0 78.0

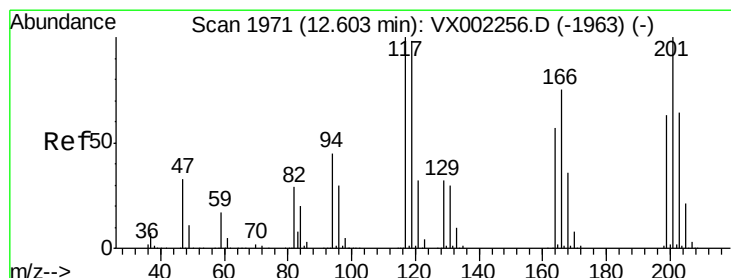
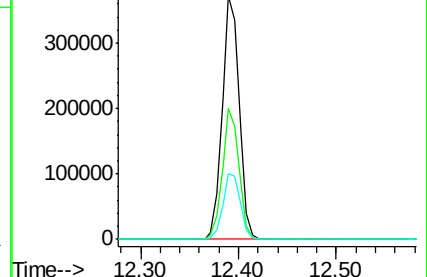
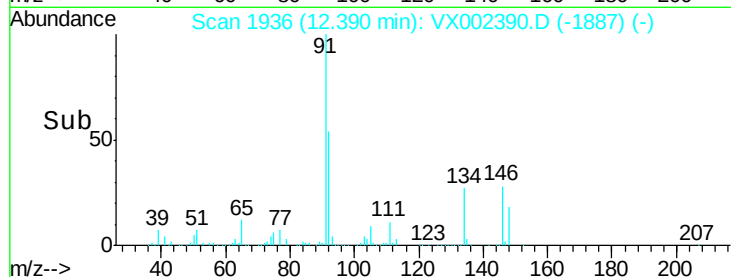
134 27.6 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 43.75 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002390.D

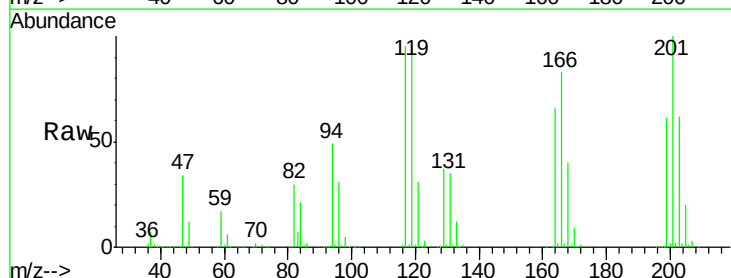
Acq: 07 Jun 2018 20:47

Tgt Ion: 117 Resp: 85101

Ion Ratio Lower Upper

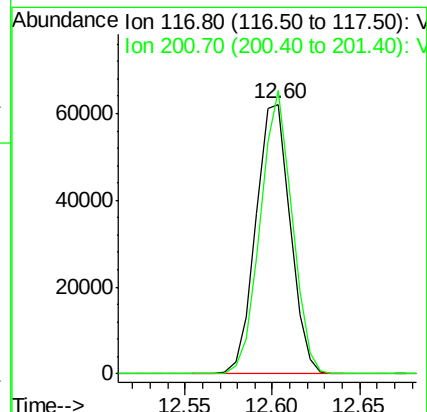
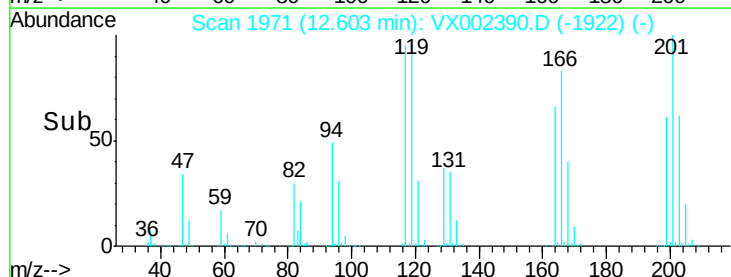
117 100

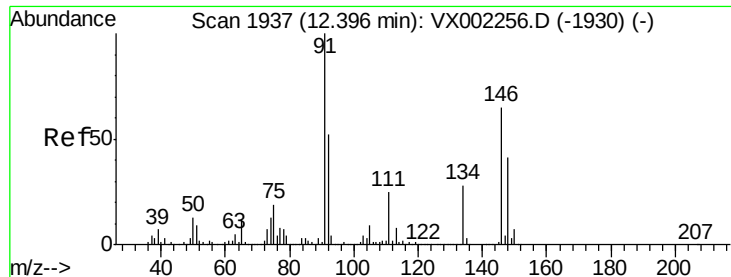
201 96.6 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

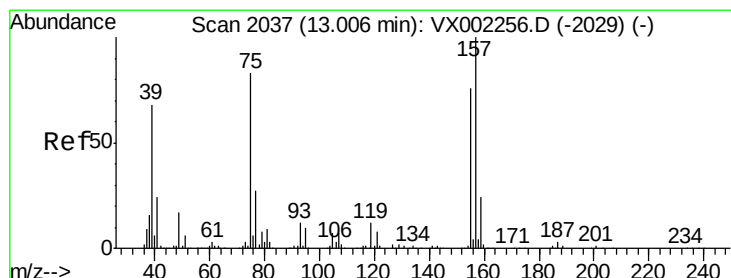
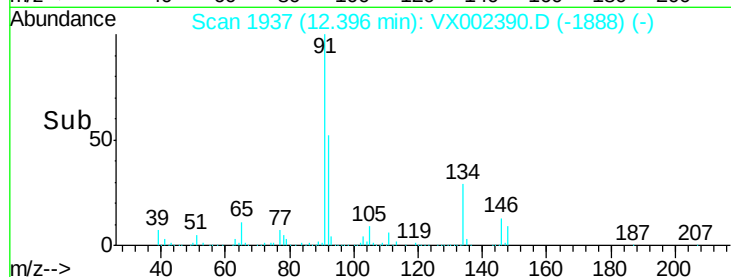
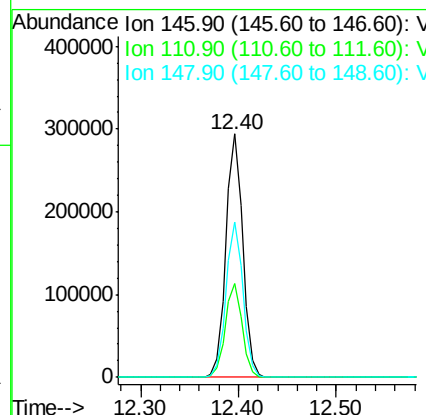
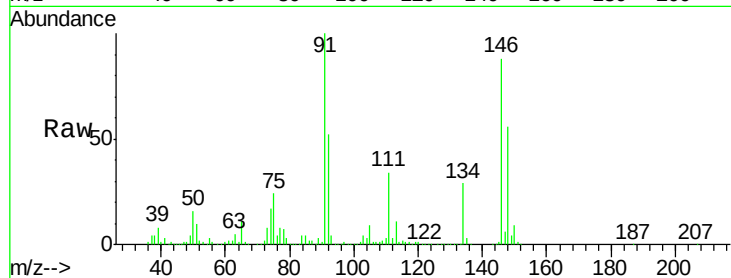




#91
 1,2-Dichlorobenzene
 Concen: 49.49 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

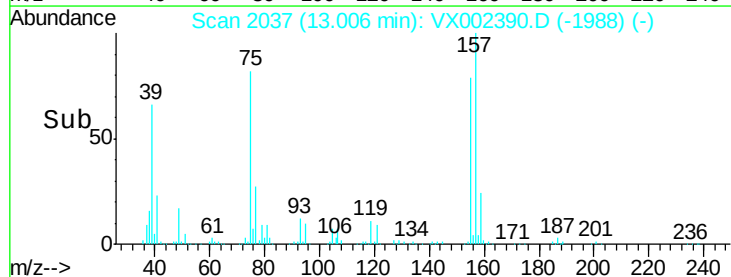
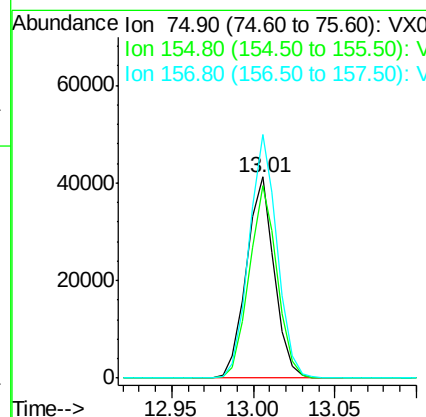
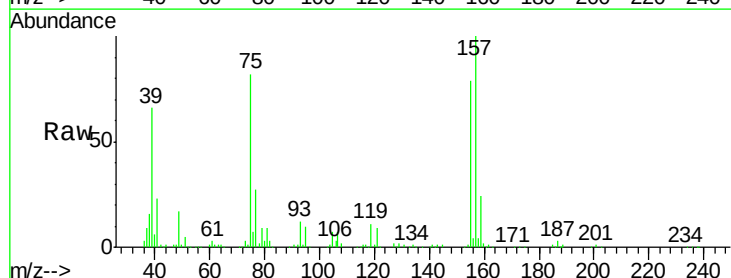
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

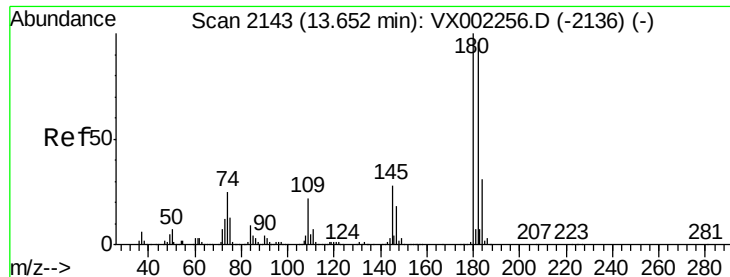
Tot Ion:146 Resp: 351177
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.1
 148 63.9 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.11 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Tgt Ion: 75 Resp: 48961
 Ion Ratio Lower Upper
 75 100
 155 95.6 45.8 137.4
 157 122.1 60.1 180.3

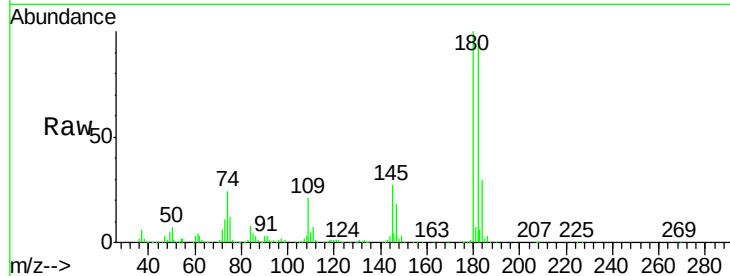




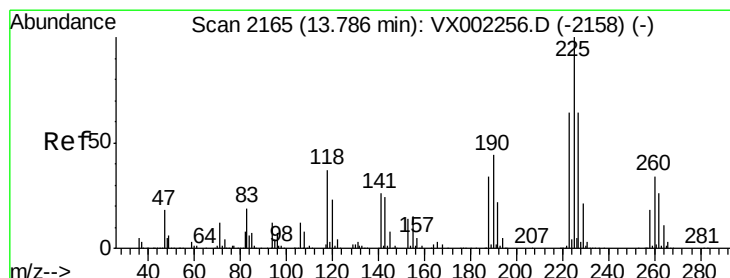
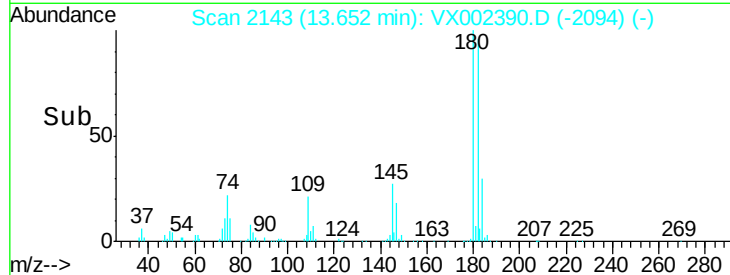
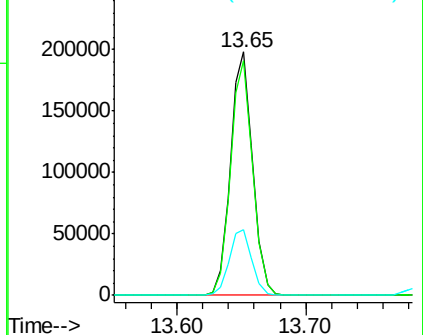
#93
 1,2,4-Trichlorobenzene
 Concen: 47.87 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 238183
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.7 143.1
 145 27.6 14.1 42.4

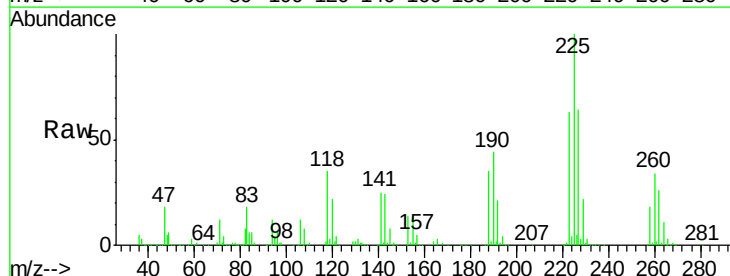


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

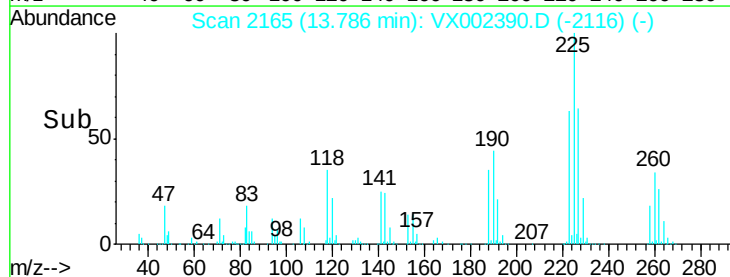
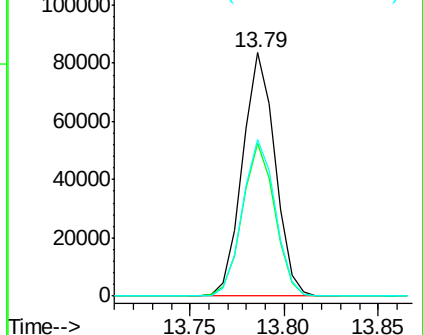


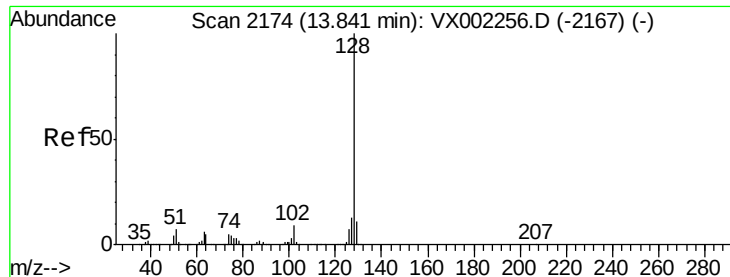
#94
 Hexachlorobutadiene
 Concen: 40.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002390.D
 Acq: 07 Jun 2018 20:47

Tgt Ion:225 Resp: 100275
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 64.7 32.4 97.2



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

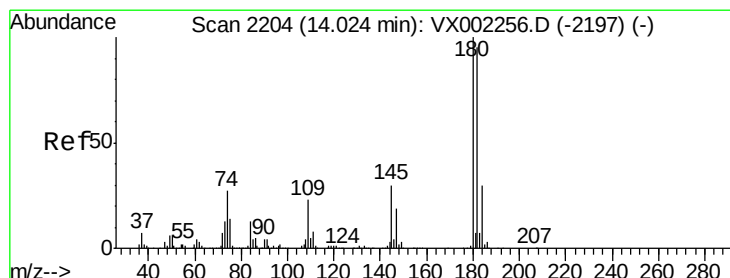
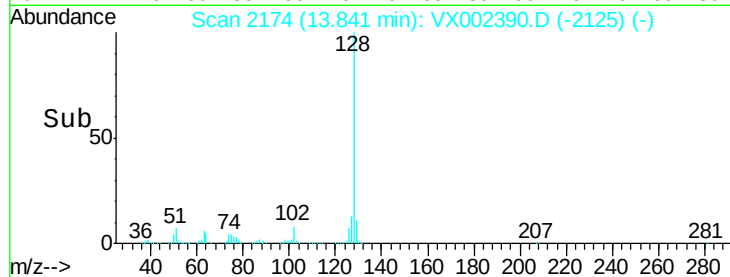
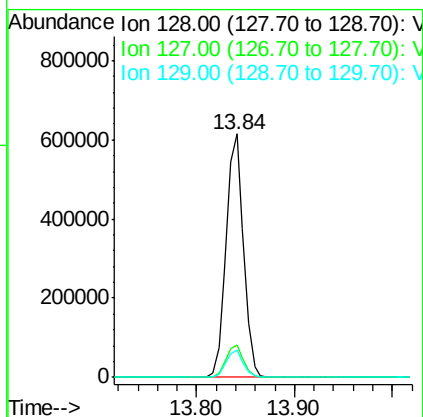
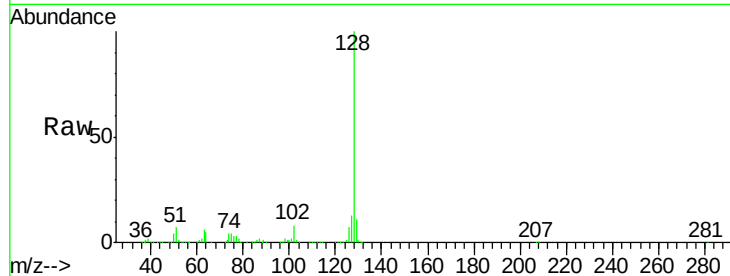




#95
Naphthalene
Concen: 52.81 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 754859
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.71 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002390.D
Acq: 07 Jun 2018 20:47

Tgt Ion:180 Resp: 252219
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 29.3 14.8 44.3

