

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060718\
 Data File : VX002368.D
 Acq On : 07 Jun 2018 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 07 14:41:16 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	266607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	245268	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	177542	46.31	ug/l	0.00
Spiked Amount			Recovery	=	92.62%	
35) Dibromofluoromethane	5.51	113	137172	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	
50) Toluene-d8	8.72	98	535487	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
62) 4-Bromofluorobenzene	11.14	95	207808	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	135618	48.934	ug/l	99
3) Chloromethane	1.32	50	150872	47.359	ug/l	99
4) Vinyl Chloride	1.41	62	167750	48.026	ug/l	99
5) Bromomethane	1.64	94	86497	43.312	ug/l	100
6) Chloroethane	1.72	64	110936	49.099	ug/l	99
7) Trichlorofluoromethane	1.93	101	279934	52.600	ug/l	97
8) Diethyl Ether	2.19	74	102536	54.429	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	161699	56.303	ug/l	99
10) Methyl Iodide	2.51	142	133600	33.073	ug/l	100
11) Tert butyl alcohol	3.07	59	193037	246.800	ug/l	100
12) 1,1-Dichloroethene	2.37	96	139176	49.037	ug/l	98
13) Acrolein	2.29	56	72692	189.674	ug/l	99
14) Allyl chloride	2.73	41	286354	46.491	ug/l	99
15) Acrylonitrile	3.15	53	414161	255.457	ug/l	99
16) Acetone	2.45	43	473297	291.865	ug/l	100
17) Carbon Disulfide	2.57	76	341123	45.601	ug/l	99
18) Methyl Acetate	2.78	43	200984	52.771	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	530947	53.907	ug/l	100
20) Methylene Chloride	2.86	84	160355	53.381	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	151069	48.267	ug/l	98
22) Diisopropyl ether	3.87	45	568428	55.402	ug/l	98
23) Vinyl Acetate	3.82	43	2471020	247.473	ug/l	100
24) 1,1-Dichloroethane	3.70	63	294987	48.456	ug/l	99
25) 2-Butanone	4.70	43	581541	222.465	ug/l	99
26) 2,2-Dichloropropane	4.59	77	215674	45.323	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	153326	45.045	ug/l	94
28) Bromochloromethane	5.02	49	134691	52.177	ug/l	99
29) Tetrahydrofuran	5.16	42	357521	212.129	ug/l	100
30) Chloroform	5.21	83	274203	46.678	ug/l	96
31) Cyclohexane	5.58	56	238377	49.519	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	239264	48.027	ug/l	100
36) 1,1-Dichloropropene	5.80	75	200075	49.969	ug/l	100
37) Ethyl Acetate	4.86	43	219841	45.655	ug/l	100
38) Carbon Tetrachloride	5.79	117	209446	50.002	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	250514	50.639	ug/l	96
40) Benzene	6.15	78	593757	48.364	ug/l	100
41) Methacrylonitrile	5.06	41	124910	45.315	ug/l	99
42) 1,2-Dichloroethane	6.20	62	232281	47.621	ug/l	100
43) Isopropyl Acetate	6.46	43	377830	46.196	ug/l	100
44) Trichloroethene	7.21	130	170878	50.150	ug/l	98
45) 1,2-Dichloropropane	7.52	63	159756	48.201	ug/l	100
46) Dibromomethane	7.67	93	106202	47.268	ug/l	100
47) Bromodichloromethane	7.90	83	198397	48.823	ug/l	99
48) Methyl methacrylate	7.78	41	194886	47.437	ug/l	99
49) 1,4-Dioxane	7.76	88	71783	934.493	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1205690	236.721	ug/l	100
52) Toluene	8.79	92	395546	50.657	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	245444	50.367	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	230150	50.060	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	157988	49.195	ug/l	98
56) Ethyl methacrylate	9.18	69	249862	48.732	ug/l	99
57) 1,3-Dichloropropane	9.37	76	261049	48.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	576906	243.104	ug/l	99
59) 2-Hexanone	9.50	43	938253	238.493	ug/l	98
60) Dibromochloromethane	9.59	129	168028	52.017	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166672	49.774	ug/l	98
64) Tetrachloroethene	9.34	164	193594	51.001	ug/l	97
65) Chlorobenzene	10.14	112	456391	49.834	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	168949	50.948	ug/l	99
67) Ethyl Benzene	10.26	91	791283	51.628	ug/l	98
68) m/p-Xylenes	10.36	106	615657	103.336	ug/l	99
69) o-Xylene	10.70	106	302591	51.036	ug/l	98
70) Styrene	10.71	104	504119	52.011	ug/l	99
71) Bromoform	10.86	173	130244	44.280	ug/l	99
73) Isopropylbenzene	11.02	105	823682	48.276	ug/l	100
74) N-amyl acetate	6.46	43	377830	41.097	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	233455	43.504	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	276367	51.352	ug/l	80
77) Bromobenzene	11.26	156	222173	46.383	ug/l	98
78) n-propylbenzene	11.37	91	954596	50.337	ug/l	99
79) 2-Chlorotoluene	11.43	91	557781	46.581	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	714571	48.828	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66705	43.447	ug/l	98
82) 4-Chlorotoluene	11.51	91	668710	48.382	ug/l	100
83) tert-Butylbenzene	11.77	119	696171	48.851	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	731267	48.542	ug/l	98
85) sec-Butylbenzene	11.95	105	868746	52.000	ug/l	100
86) p-Isopropyltoluene	12.07	119	791554	52.016	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	417165	48.708	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	421362	47.731	ug/l	100
89) n-Butylbenzene	12.39	91	694154	54.389	ug/l	100
90) Hexachloroethane	12.60	117	117903	48.536	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	418473	47.224	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52949	45.121	ug/l	99

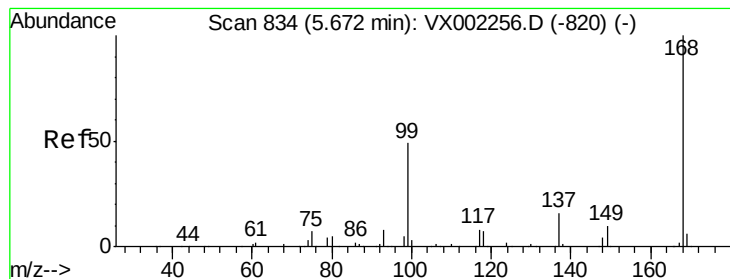
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	316873	50.998	ug/l	100
94) Hexachlorobutadiene	13.79	225	170169	55.422	ug/l	98
95) Naphthalene	13.84	128	850672	47.650	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	320366	50.556	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

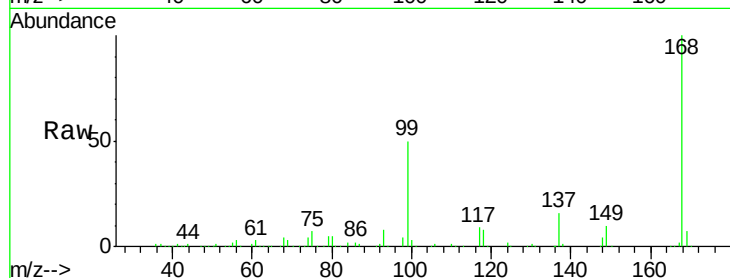
VSTDCCC050

Tot Ion:168 Resp: 266607

Ion Ratio Lower Upper

168 100

99 50.3 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

100000

80000

60000

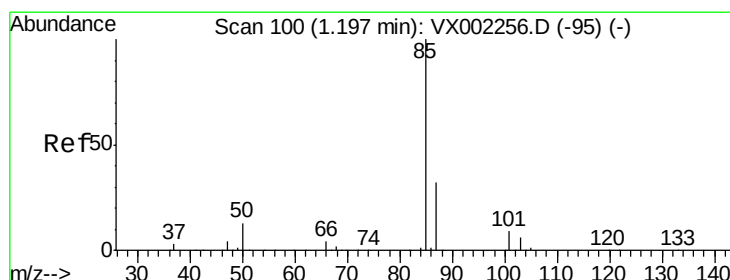
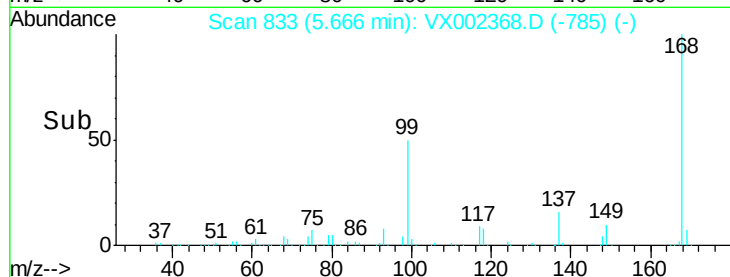
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.934 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002368.D

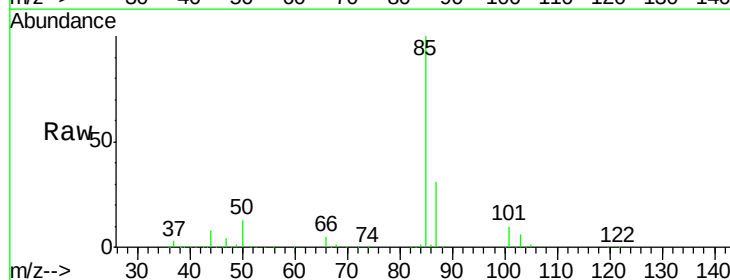
Acq: 07 Jun 2018 09:56

Tgt Ion: 85 Resp: 135618

Ion Ratio Lower Upper

85 100

87 31.5 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

150000

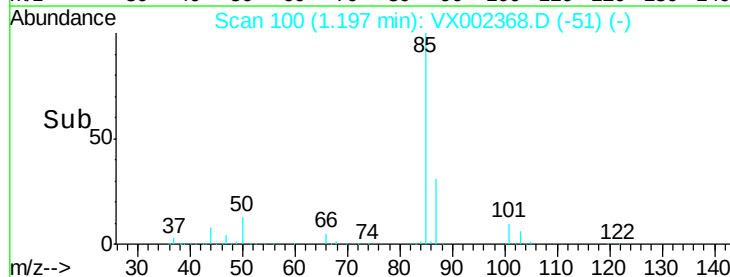
100000

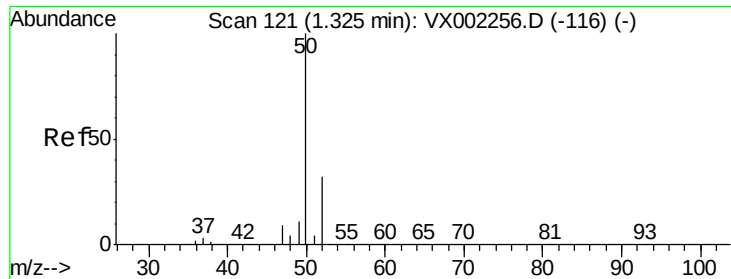
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.359 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

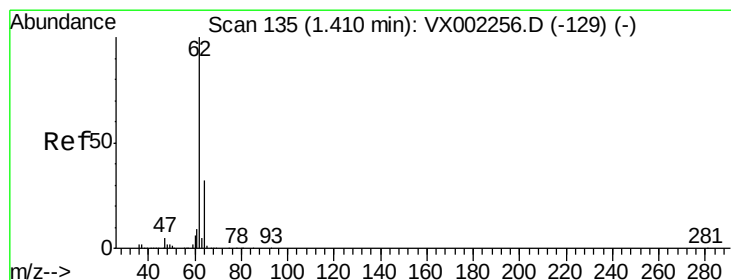
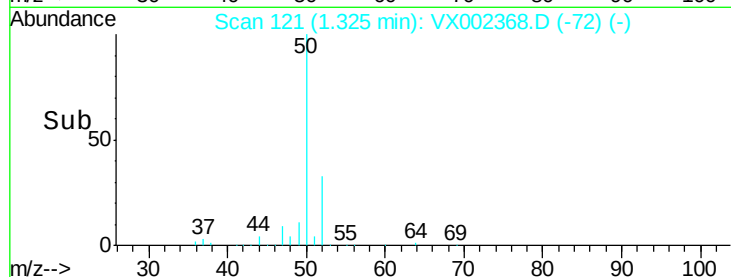
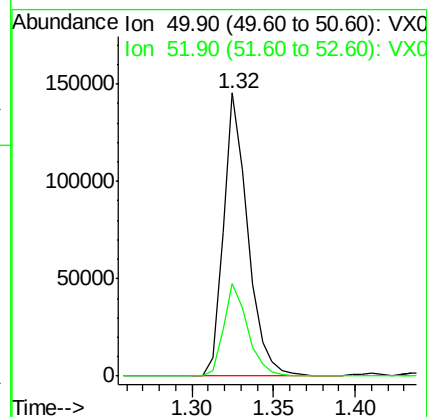
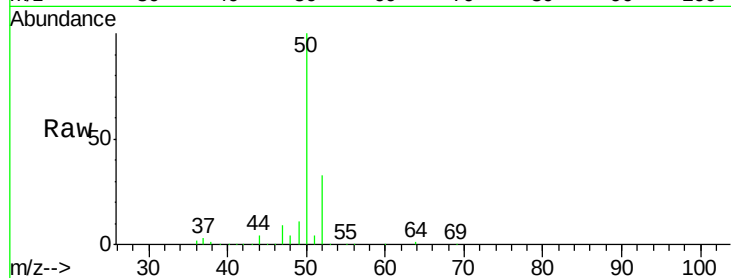
VSTDCCC050

Tot Ion: 50 Resp: 150872

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 48.026 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002368.D

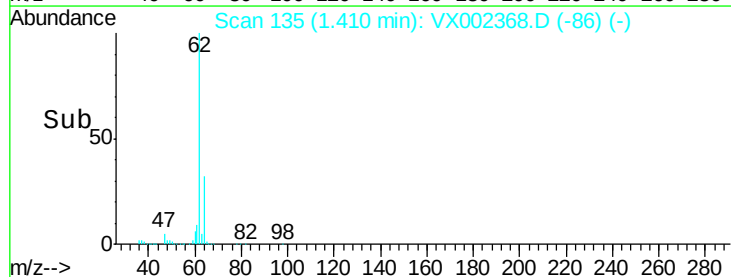
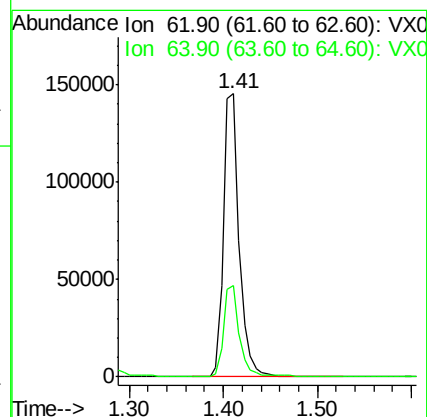
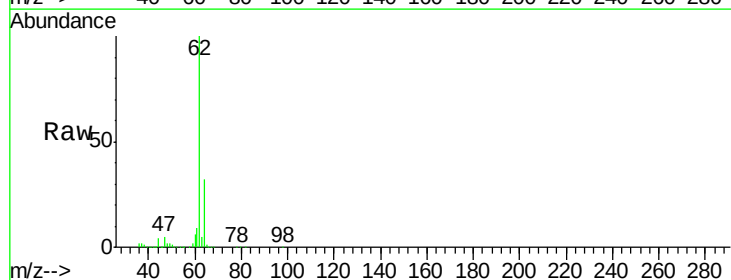
Acq: 07 Jun 2018 09:56

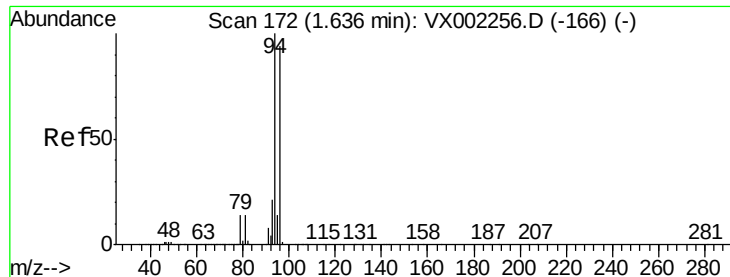
Tgt Ion: 62 Resp: 167750

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 43.312 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

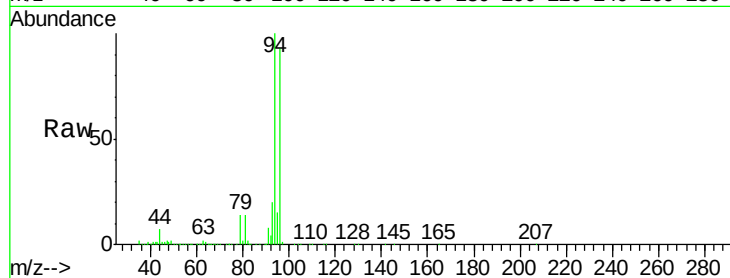
VSTDCCC050

Tot Ion: 94 Resp: 86497

Ion Ratio Lower Upper

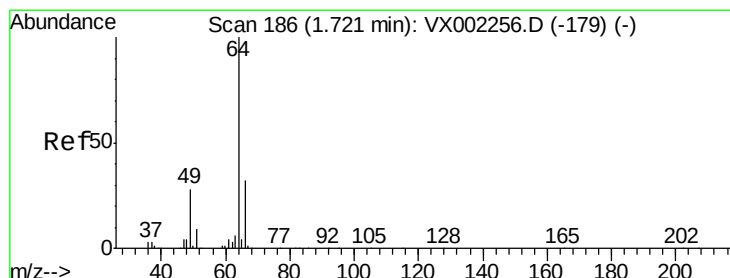
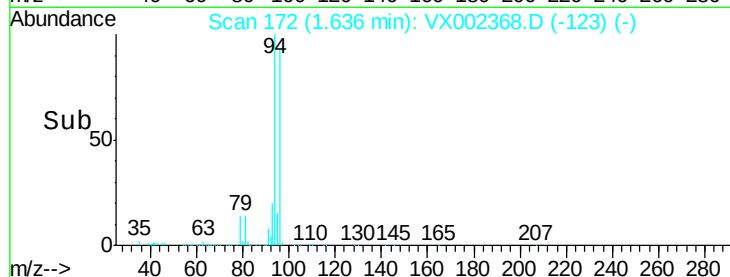
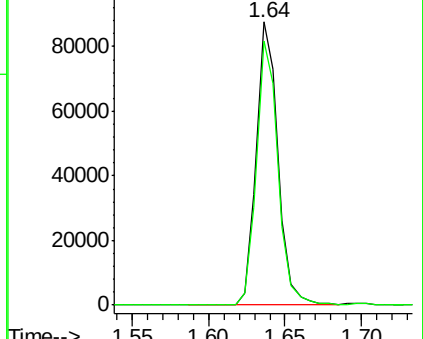
94 100

96 93.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.099 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002368.D

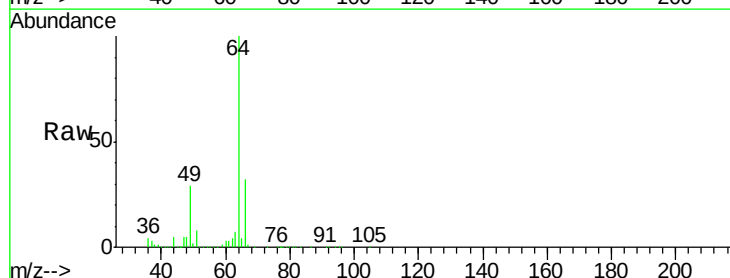
Acq: 07 Jun 2018 09:56

Tgt Ion: 64 Resp: 110936

Ion Ratio Lower Upper

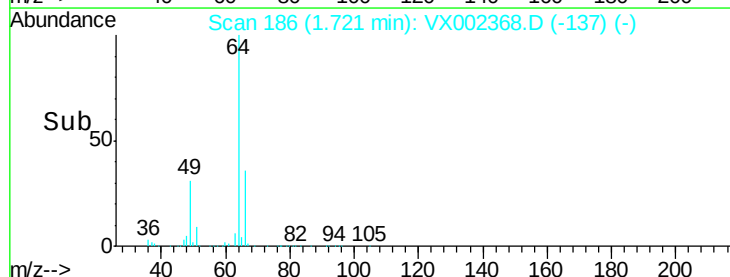
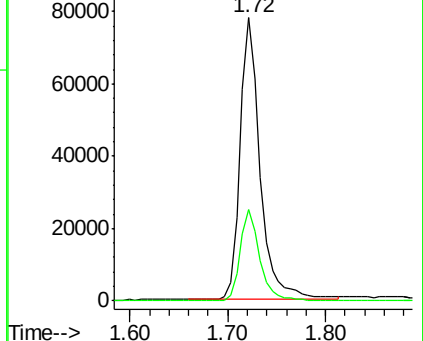
64 100

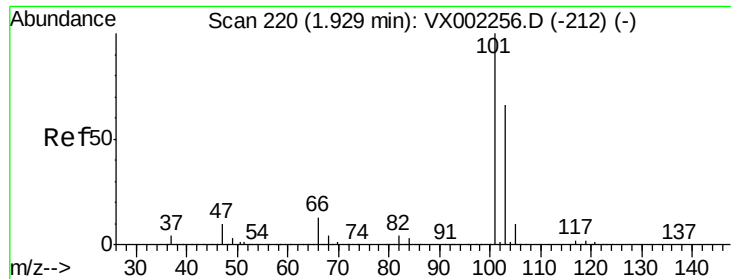
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



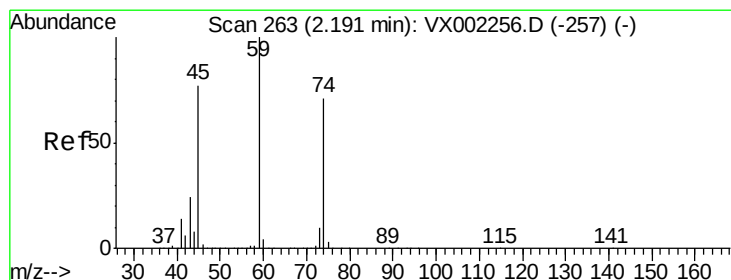
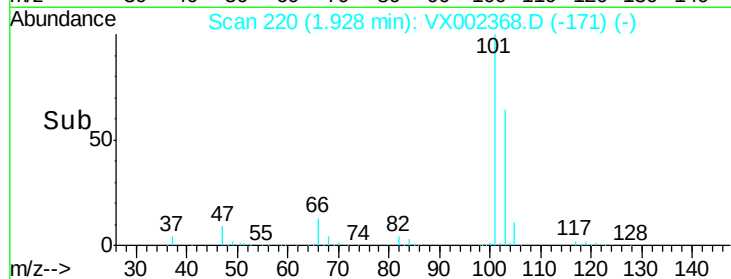
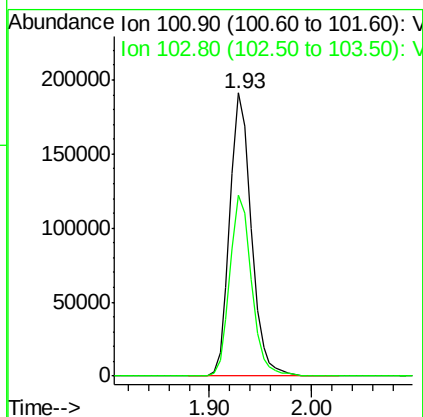
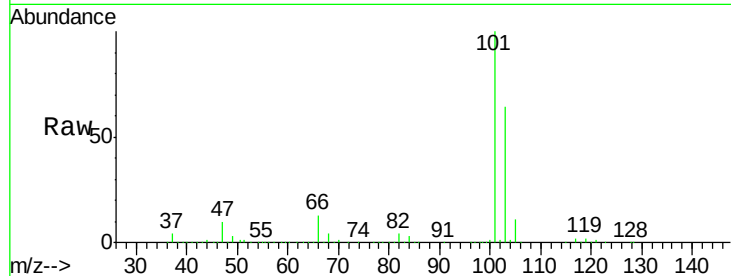


#7

Trichlorofluoromethane
 Concen: 52.600 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

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 VSTDCCC050

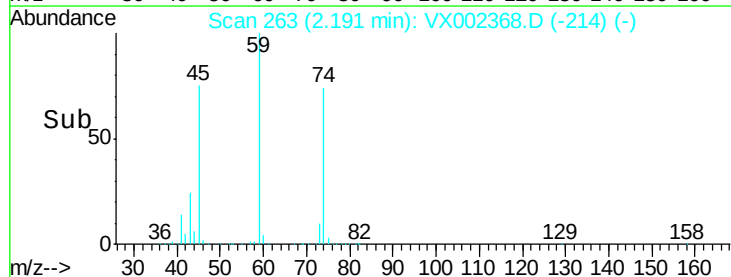
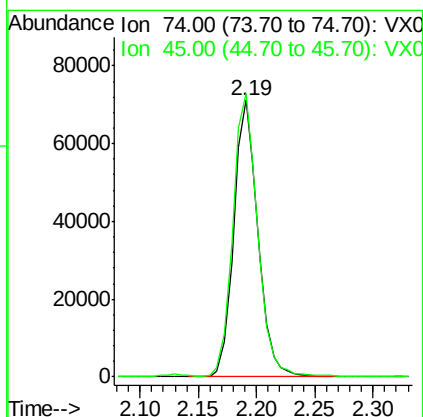
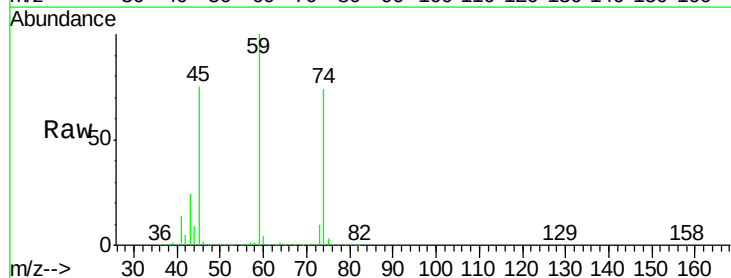
Tot Ion:101 Resp: 279934
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.8 79.2

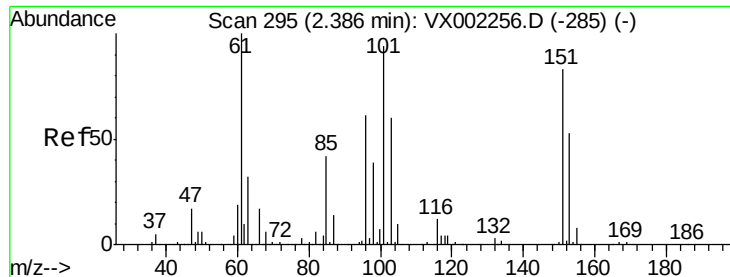


#8

Diethyl Ether
 Concen: 54.429 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 74 Resp: 102536
 Ion Ratio Lower Upper
 74 100
 45 104.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.303 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

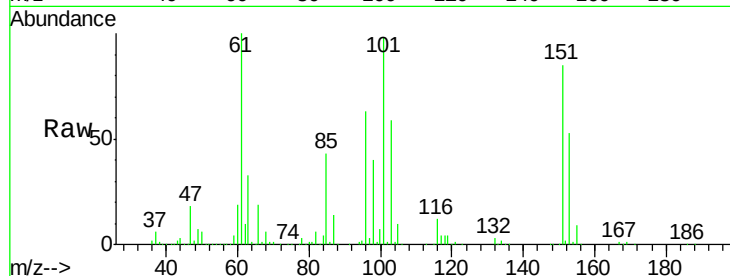
Tot Ion:101 Resp: 161699

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

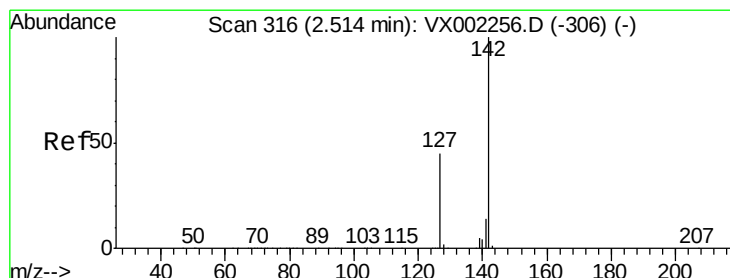
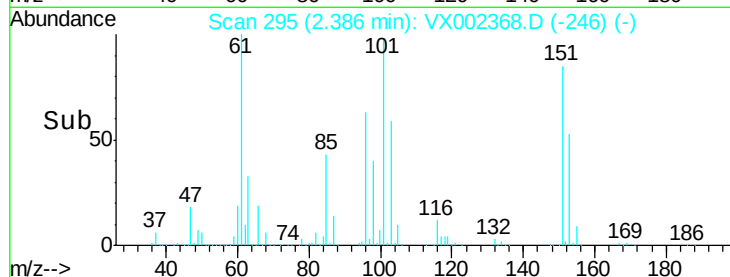
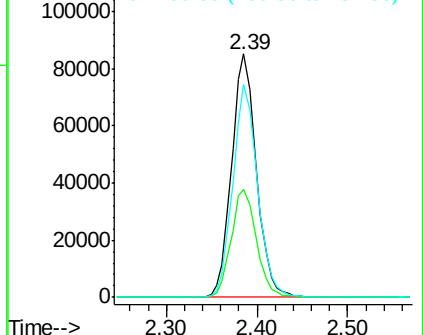
151 87.0 70.9 106.3



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: 33.073 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

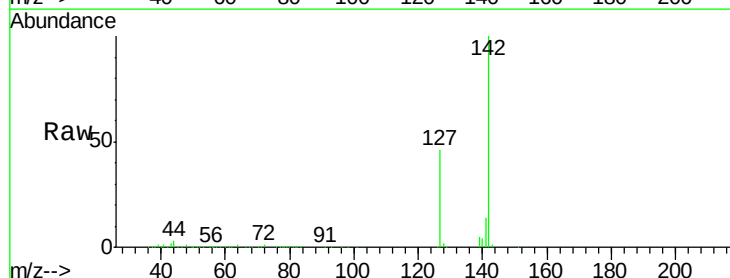
Tgt Ion:142 Resp: 133600

Ion Ratio Lower Upper

142 100

127 45.9 36.6 55.0

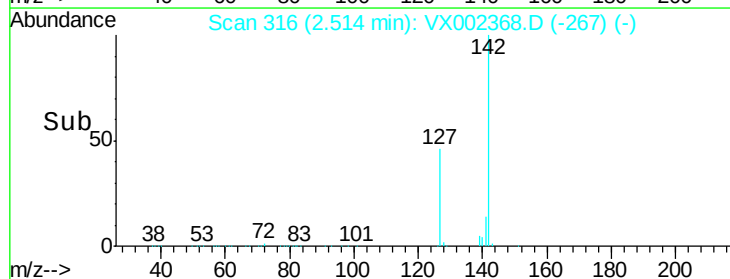
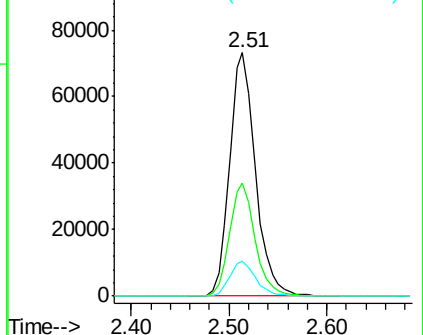
141 14.6 11.3 16.9

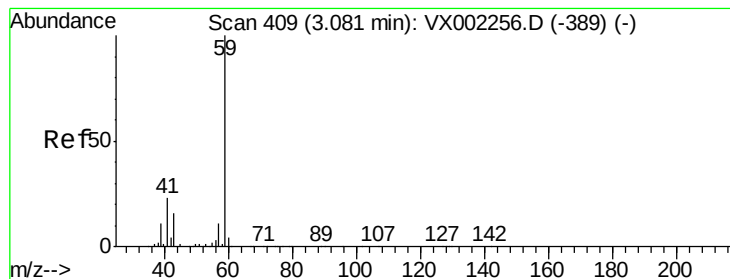


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



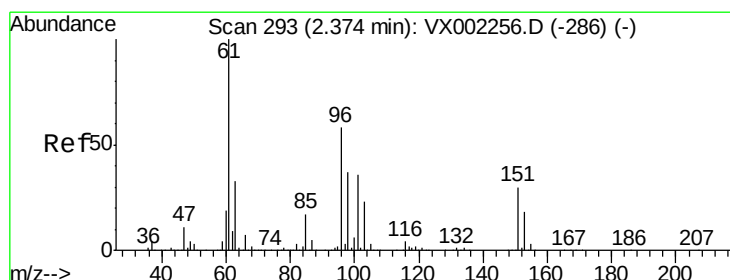
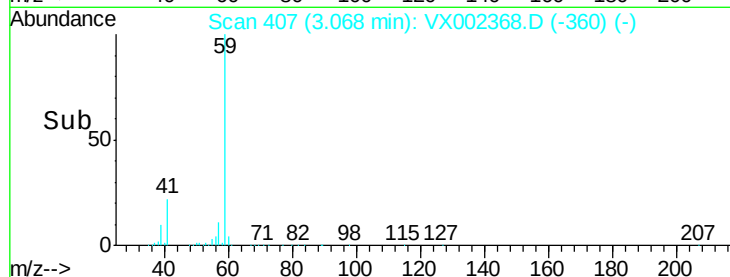
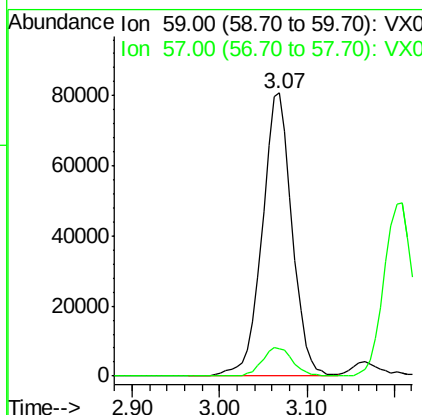
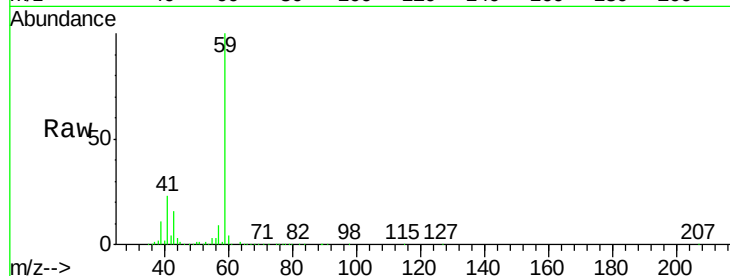


#11

Tert butyl alcohol
Concen: 246.800 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

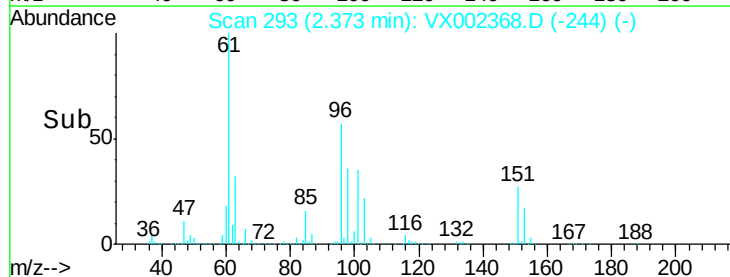
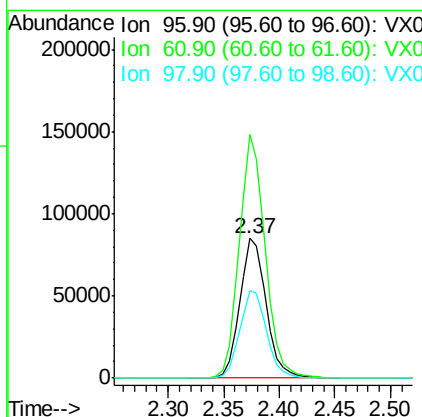
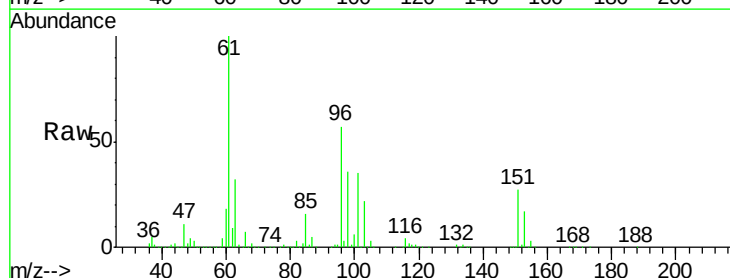
Tot Ion: 59 Resp: 193037
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

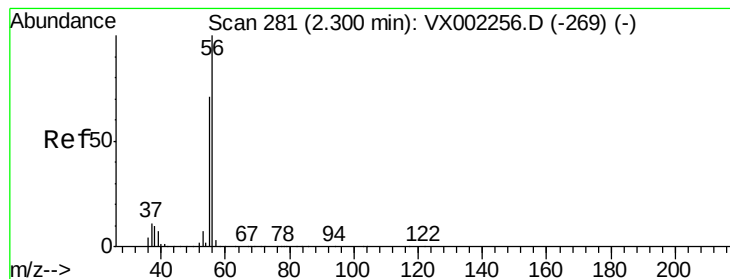


#12

1,1-Dichloroethene
Concen: 49.037 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 96 Resp: 139176
Ion Ratio Lower Upper
96 100
61 174.2 137.9 206.9
98 62.7 51.6 77.4





#13

Acrolein

Concen: 189.674 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

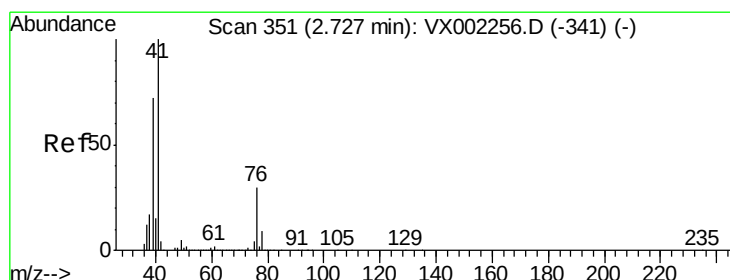
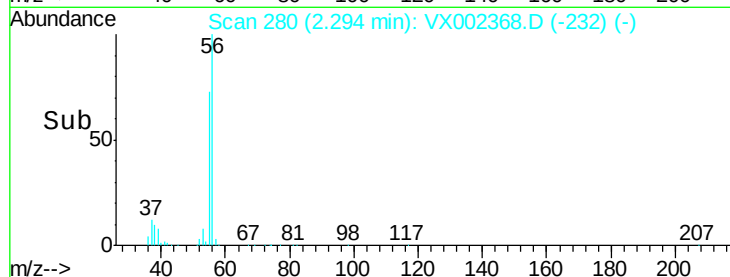
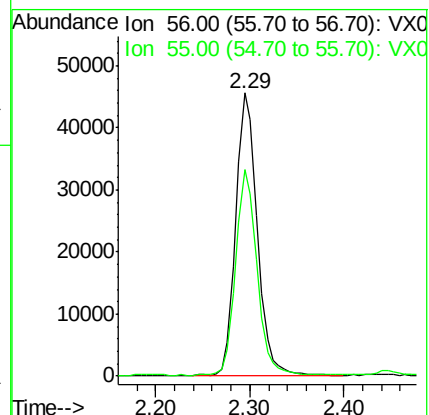
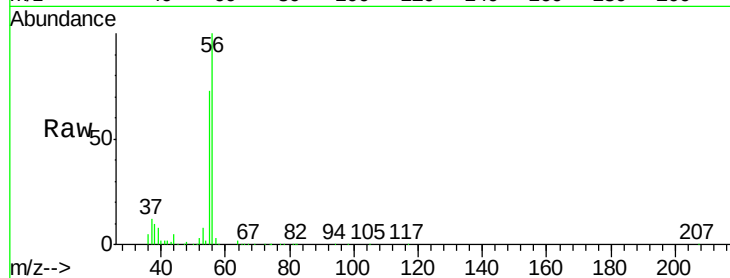
VSTDCCC050

Tot Ion: 56 Resp: 72692

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 46.491 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

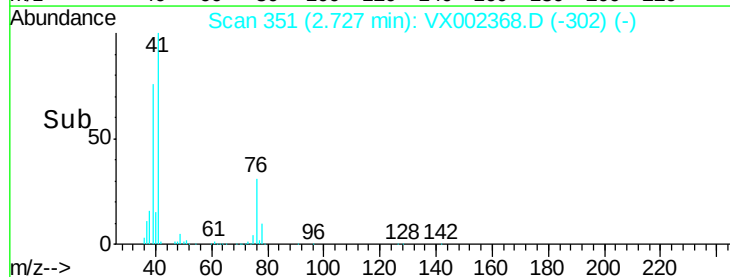
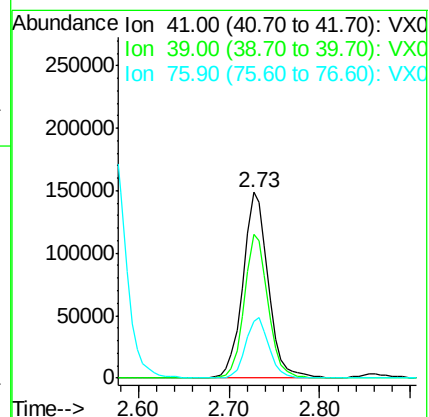
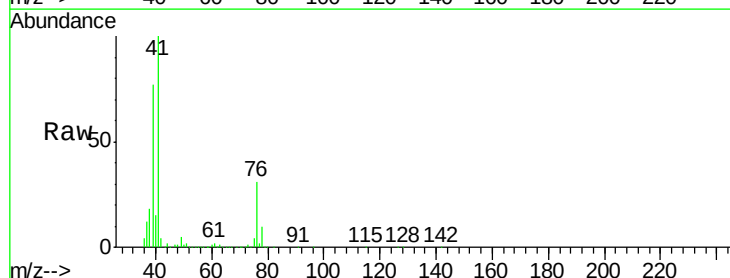
Tgt Ion: 41 Resp: 286354

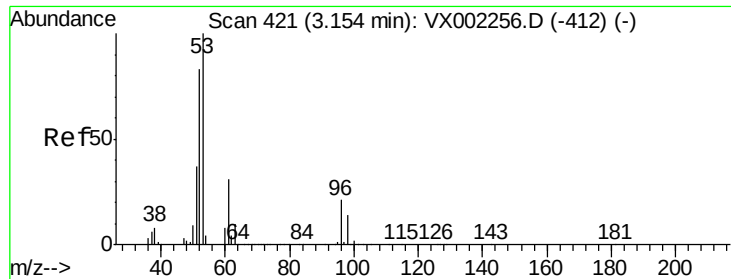
Ion Ratio Lower Upper

41 100

39 72.4 56.8 85.2

76 30.0 23.8 35.8





#15

Acrylonitrile

Concen: 255.457 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

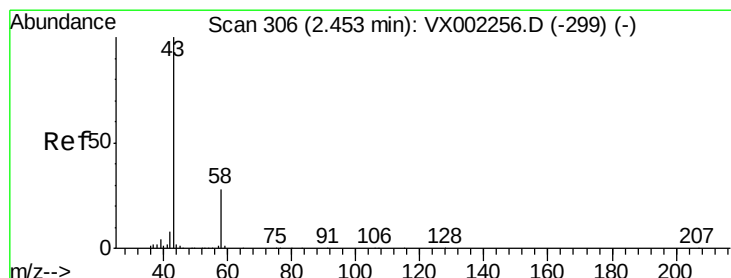
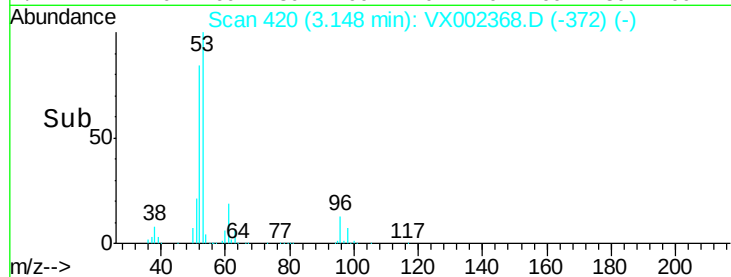
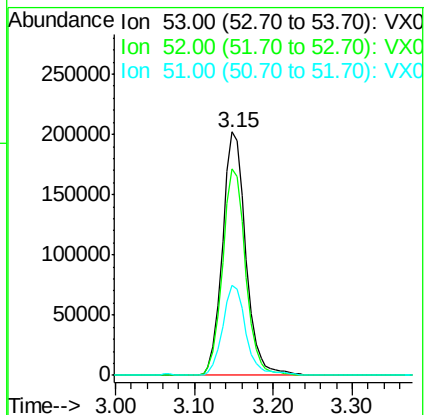
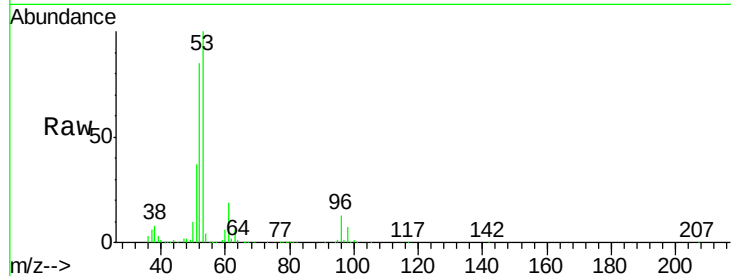
Tot Ion: 53 Resp: 414161

Ion Ratio Lower Upper

53 100

52 84.1 66.7 100.1

51 37.3 29.9 44.9



#16

Acetone

Concen: 291.865 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002368.D

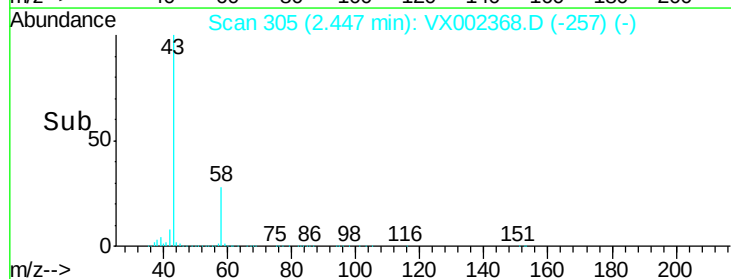
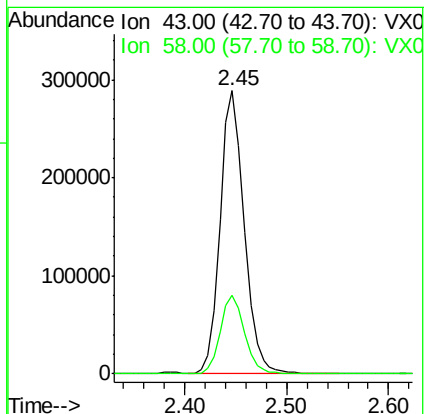
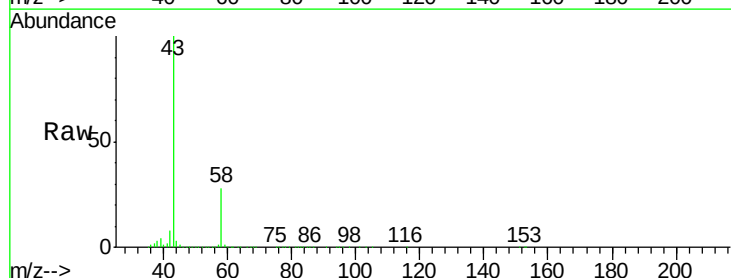
Acq: 07 Jun 2018 09:56

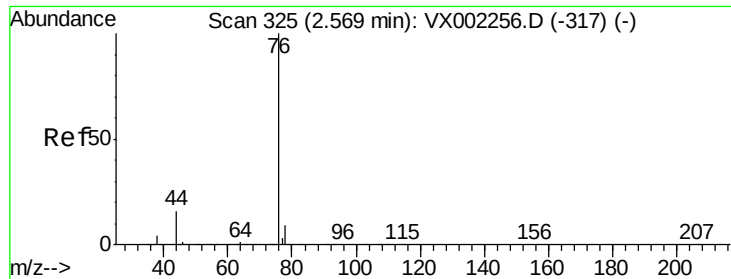
Tgt Ion: 43 Resp: 473297

Ion Ratio Lower Upper

43 100

58 27.8 22.1 33.1





#17

Carbon Disulfide

Concen: 45.601 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

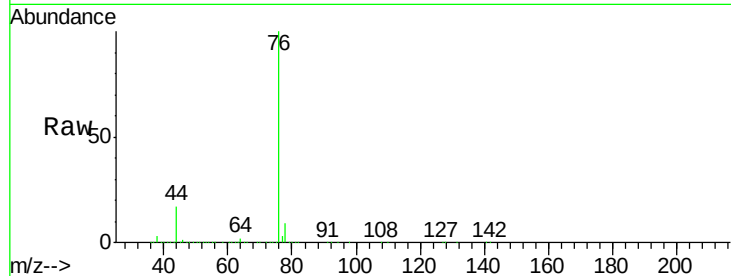
VSTDCCC050

Tot Ion: 76 Resp: 341123

Ion Ratio Lower Upper

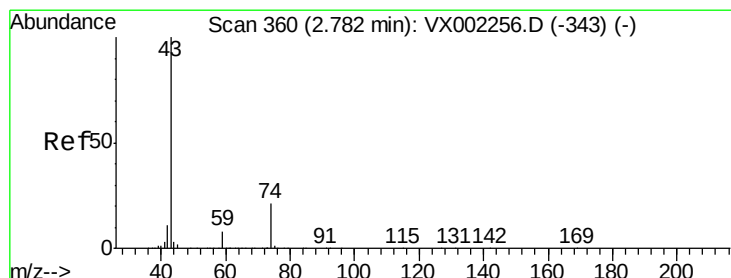
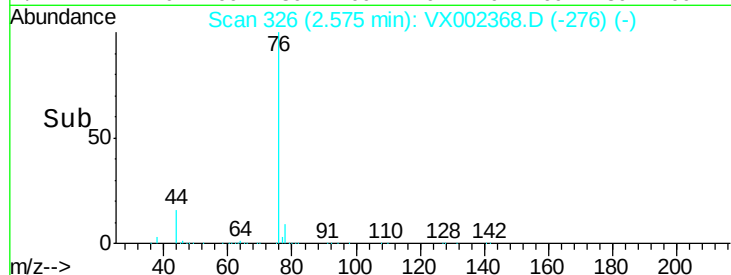
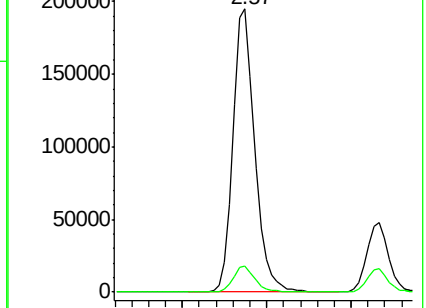
76 100

78 9.0 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: 52.771 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002368.D

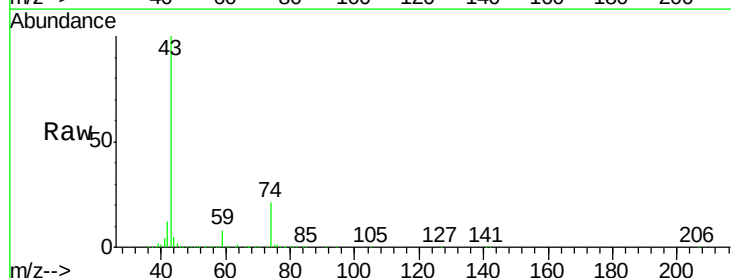
Acq: 07 Jun 2018 09:56

Tgt Ion: 43 Resp: 200984

Ion Ratio Lower Upper

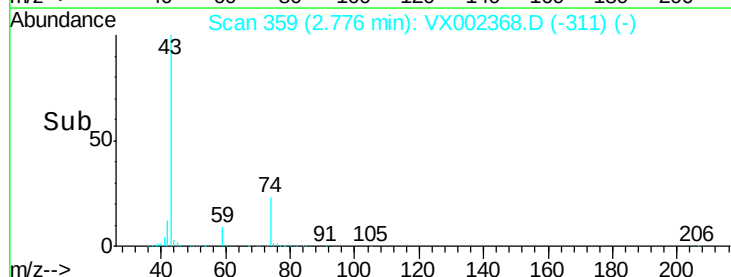
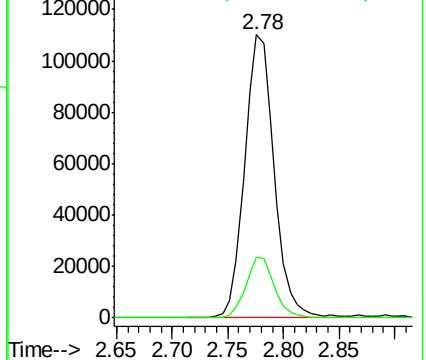
43 100

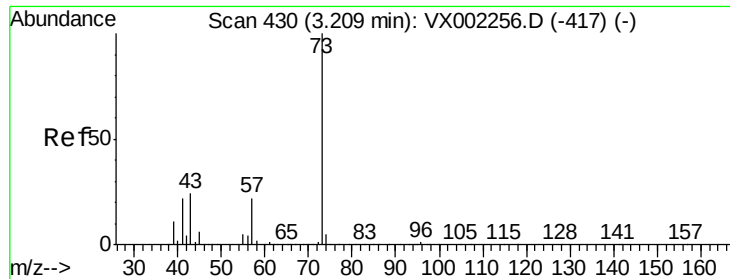
74 21.4 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

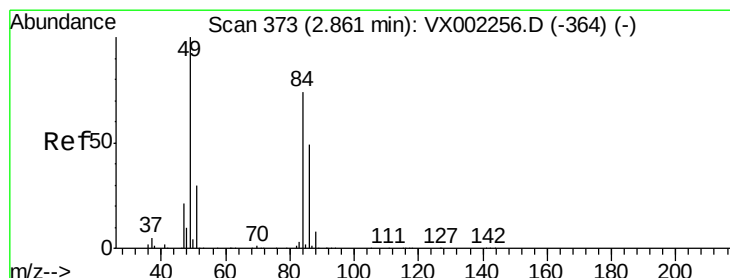
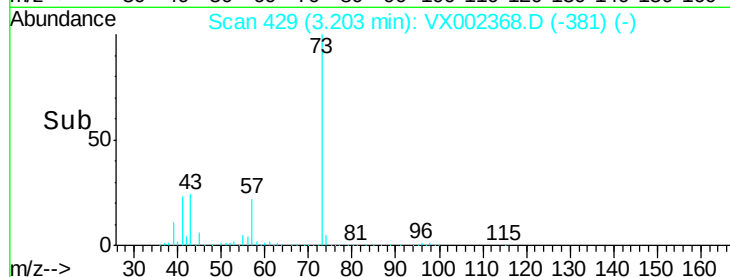
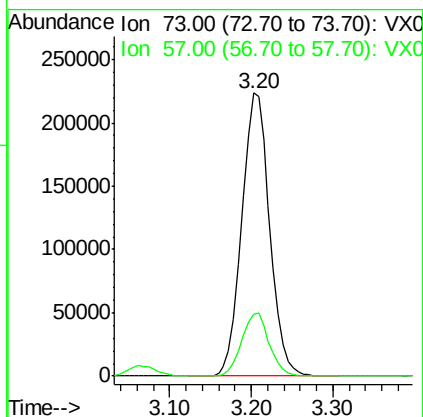
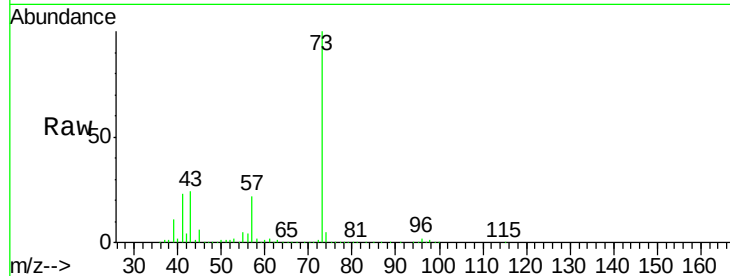




#19
Methyl tert-butyl Ether
Concen: 53.907 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

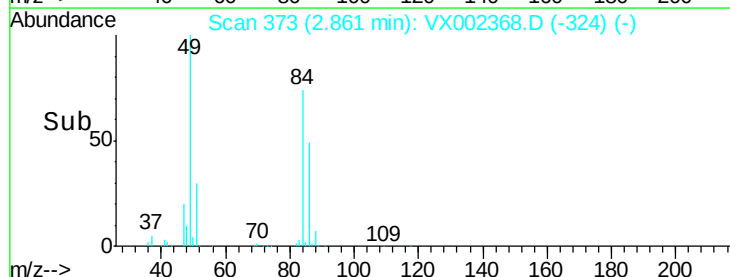
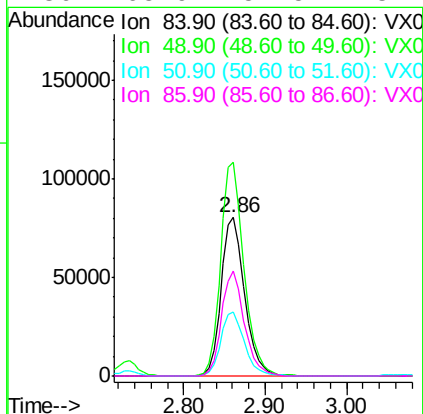
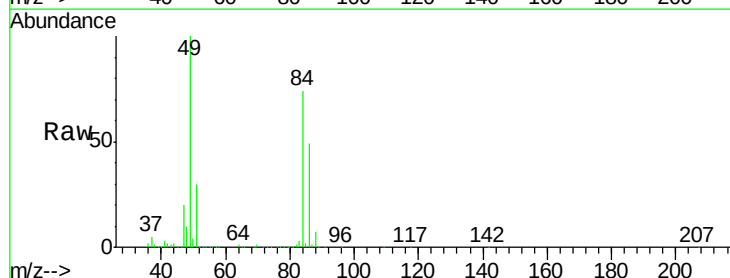
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

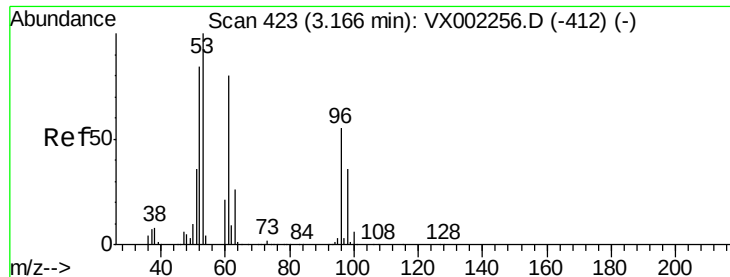
Tot Ion: 73 Resp: 530947
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 53.381 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 84 Resp: 160355
Ion Ratio Lower Upper
84 100
49 134.7 107.8 161.6
51 40.0 32.8 49.2
86 65.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.267 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

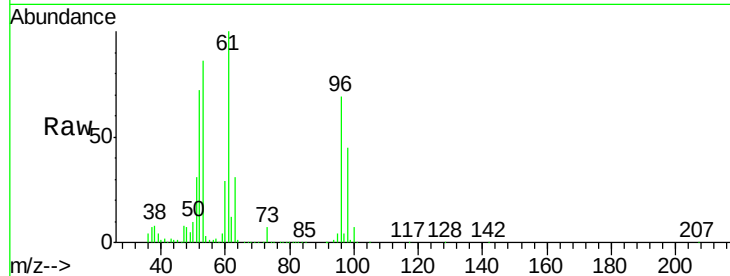
Tot Ion: 96 Resp: 151069

Ion Ratio Lower Upper

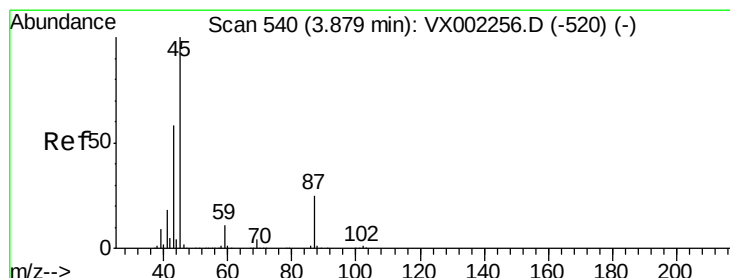
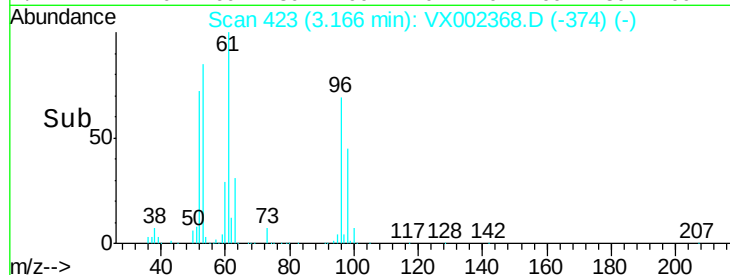
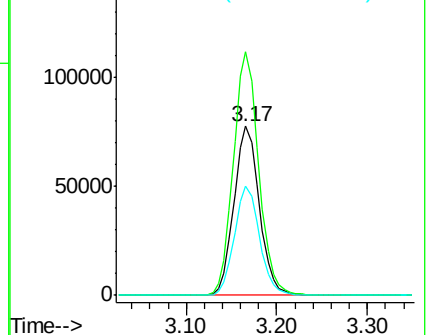
96 100

61 144.1 117.0 175.4

98 64.2 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: 55.402 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion: 45 Resp: 568428

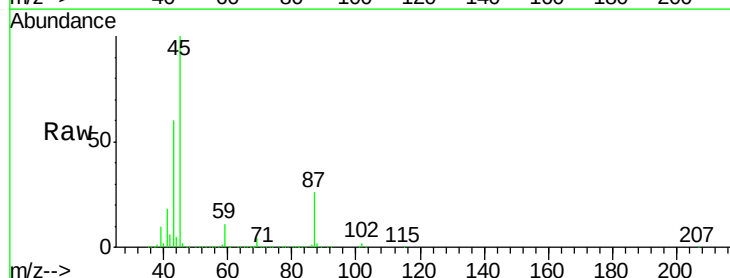
Ion Ratio Lower Upper

45 100

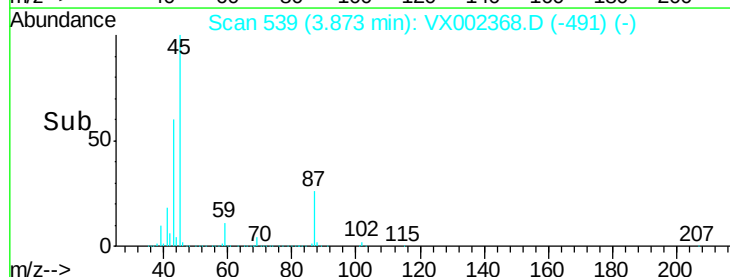
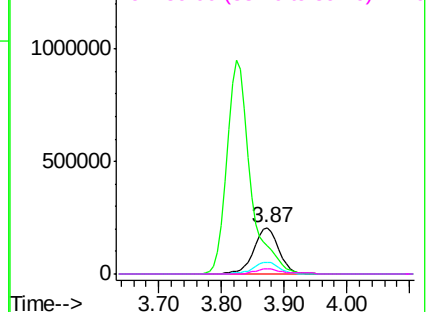
43 60.4 46.8 70.2

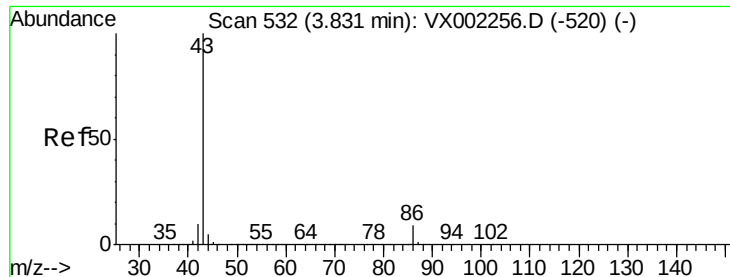
87 25.9 20.2 30.4

59 11.1 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: 247.473 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

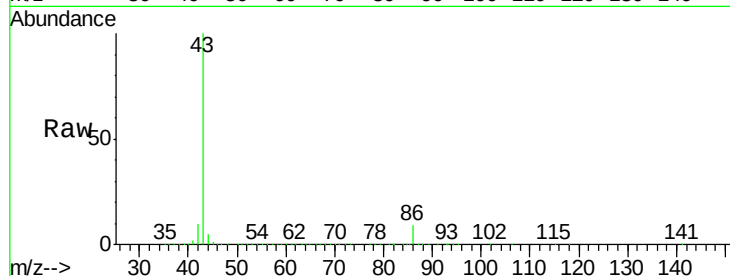
VSTDCCC050

Tot Ion: 43 Resp: 2471020

Ion Ratio Lower Upper

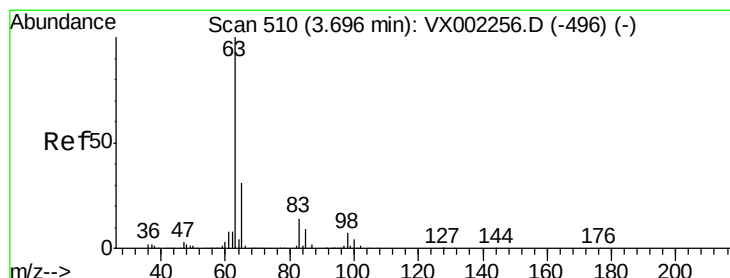
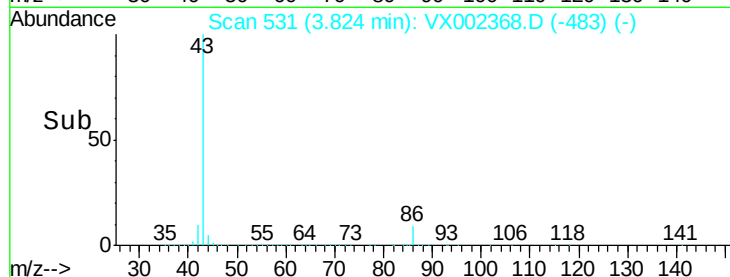
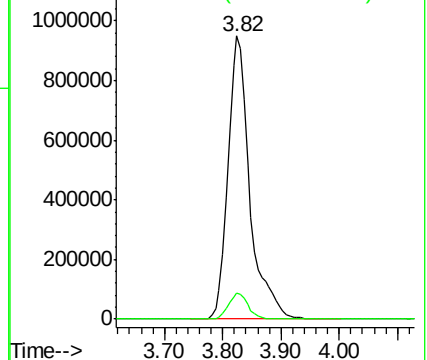
43 100

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: 48.456 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

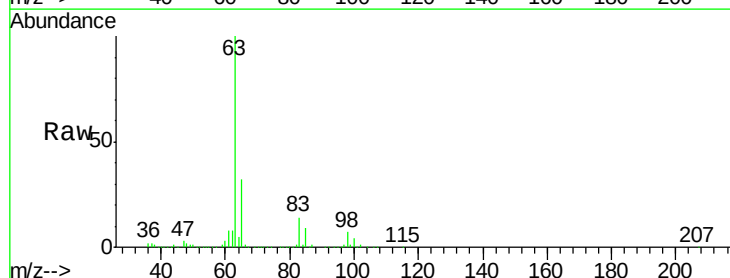
Tgt Ion: 63 Resp: 294987

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

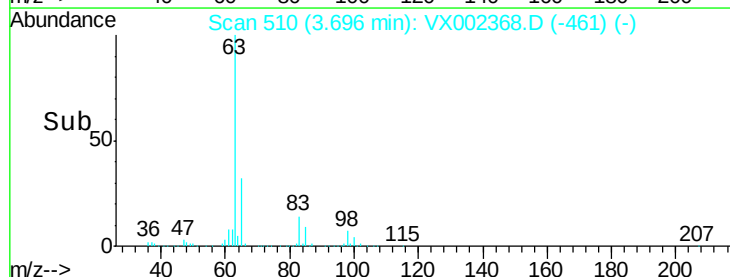
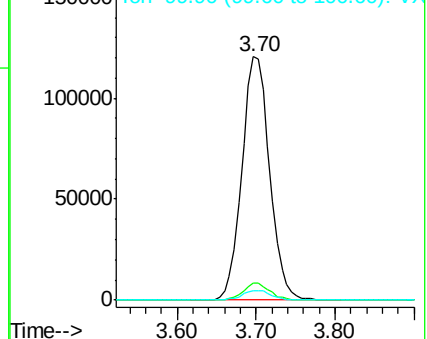
100 4.1 2.0 6.0

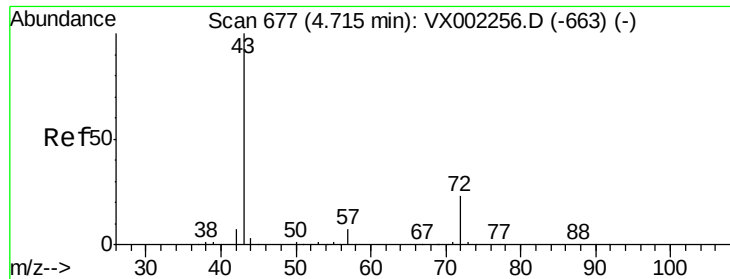


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 222.465 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

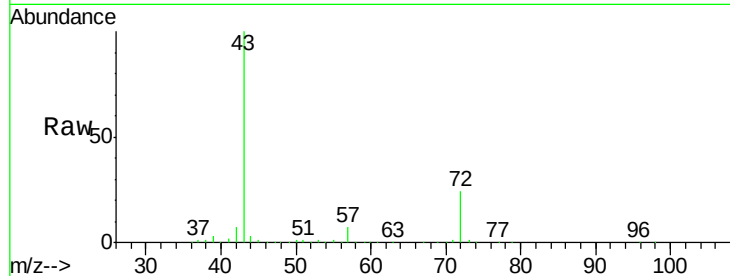
VSTDCCC050

Tot Ion: 43 Resp: 581541

Ion Ratio Lower Upper

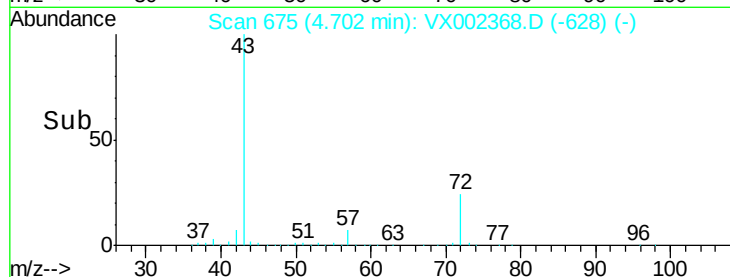
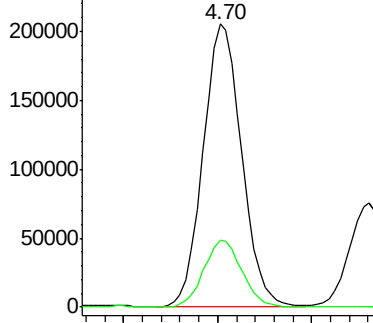
43 100

72 23.7 18.5 27.7

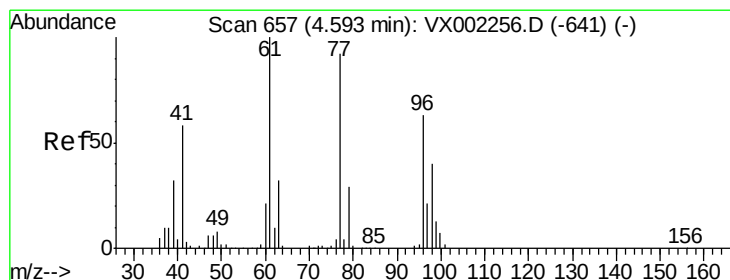


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 45.323 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002368.D

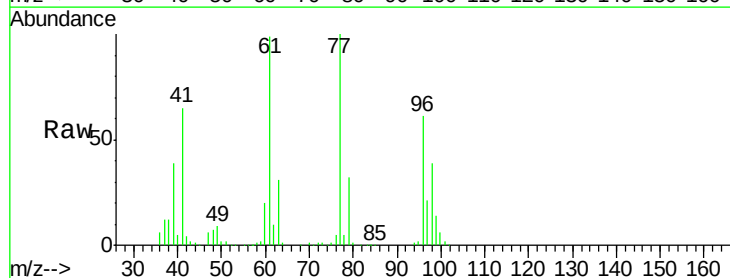
Acq: 07 Jun 2018 09:56

Tgt Ion: 77 Resp: 215674

Ion Ratio Lower Upper

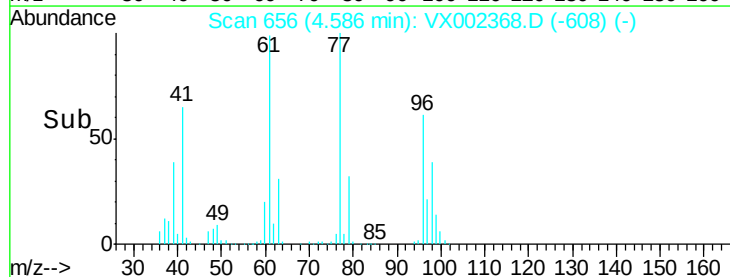
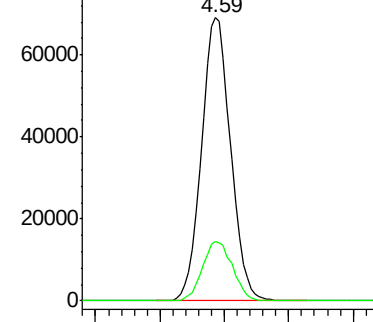
77 100

97 21.7 11.2 33.5

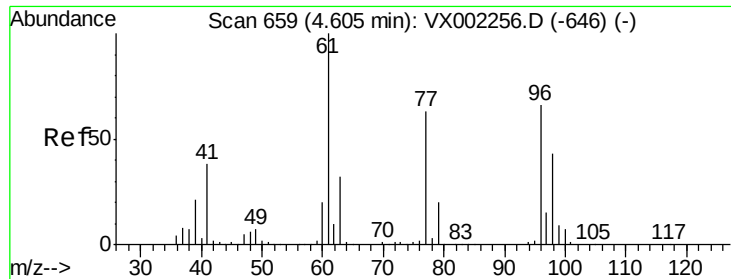


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->

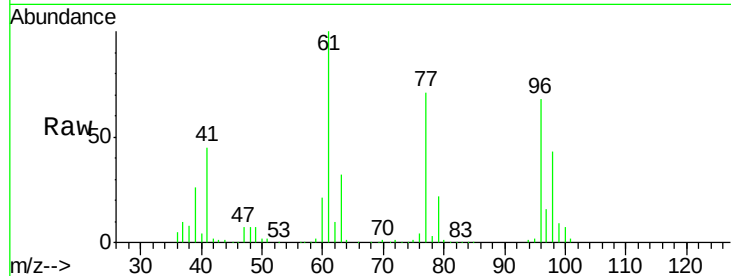


#27

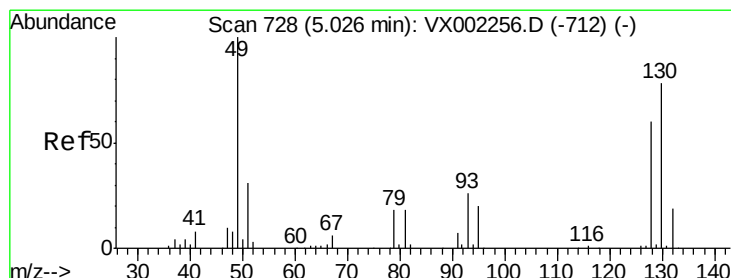
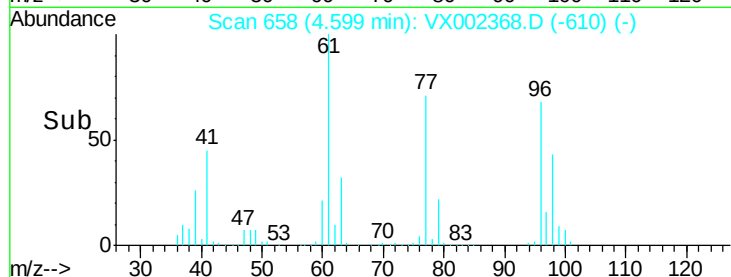
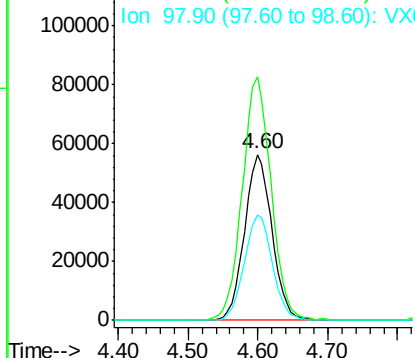
cis-1,2-Dichloroethene
Concen: 45.045 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 153326
Ion Ratio Lower Upper
96 100
61 154.8 0.0 330.2
98 65.2 0.0 130.2



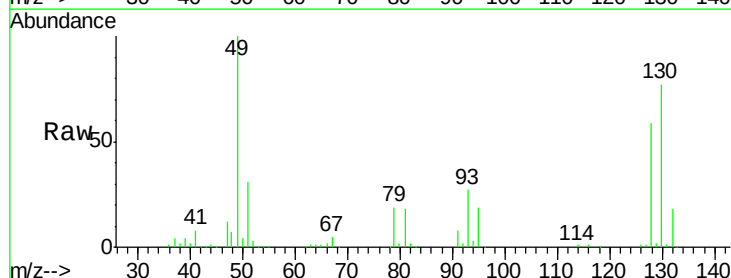
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



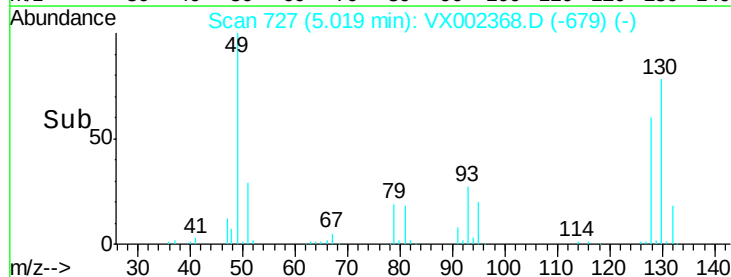
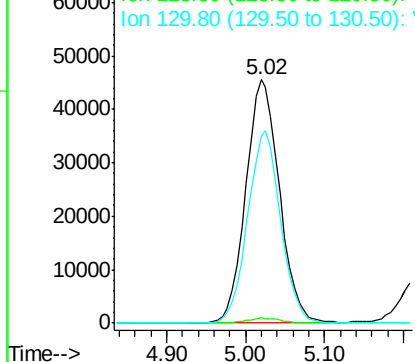
#28

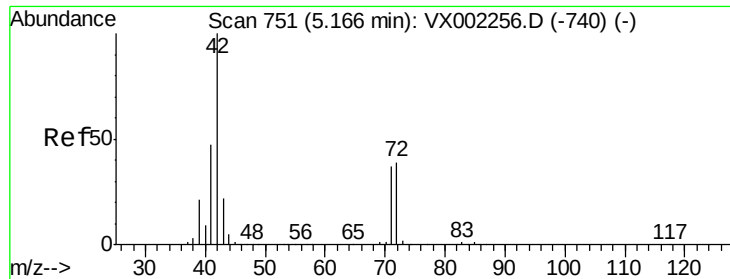
Bromochloromethane
Concen: 52.177 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 49 Resp: 134691
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 77.6 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

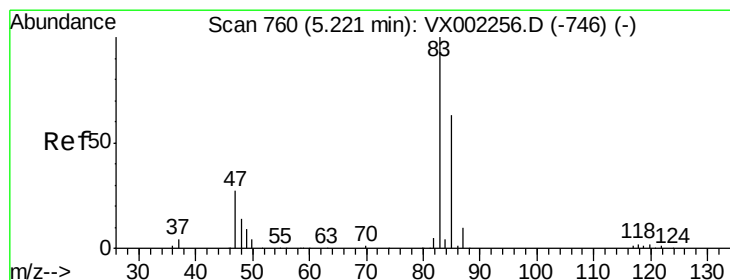
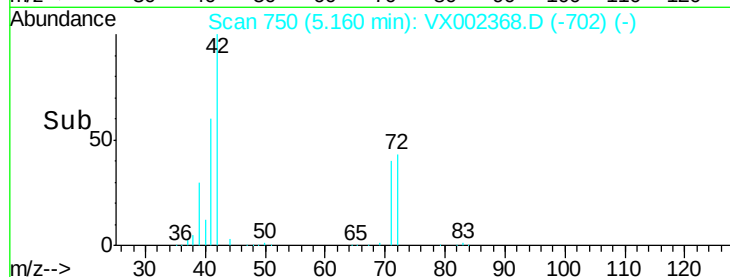
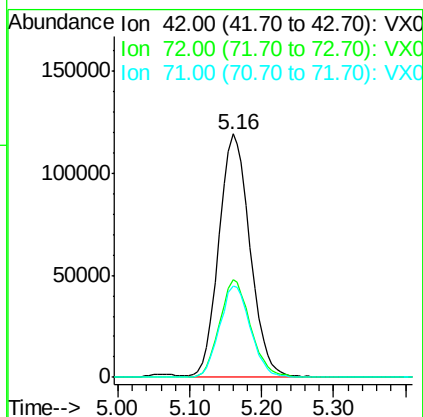
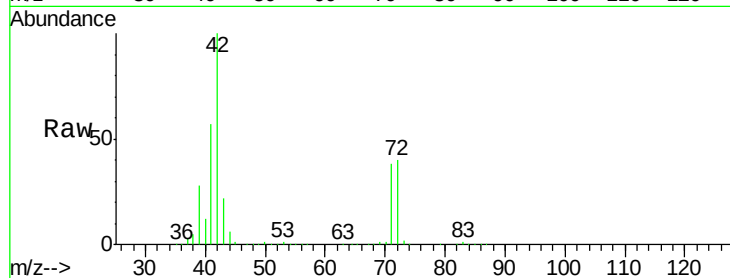




#29
Tetrahydrofuran
Concen: 212.129 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

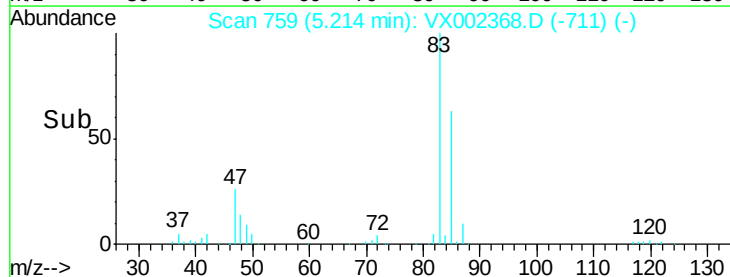
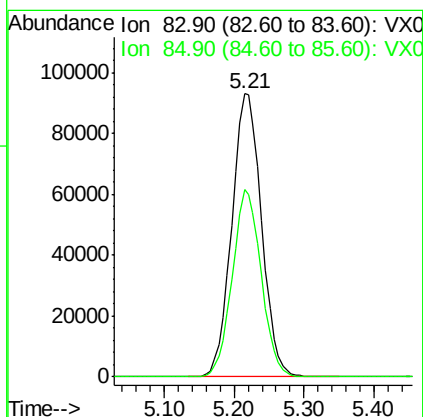
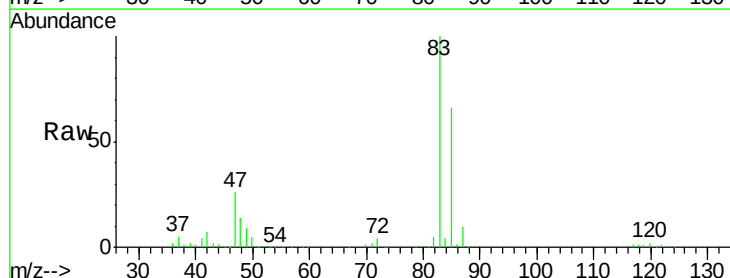
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

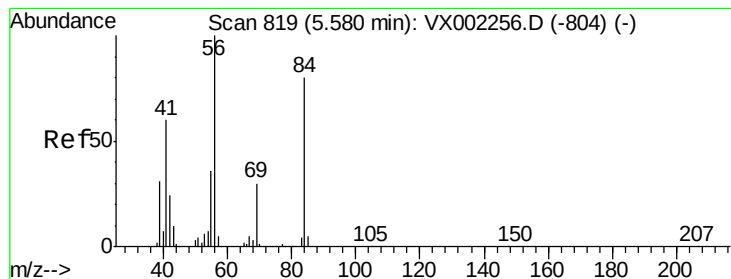
Tot Ion: 42 Resp: 357521
Ion Ratio Lower Upper
42 100
72 40.1 32.0 48.0
71 37.5 30.1 45.1



#30
Chloroform
Concen: 46.678 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 83 Resp: 274203
Ion Ratio Lower Upper
83 100
85 66.2 50.4 75.6





#31

Cyclohexane

Concen: 49.519 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

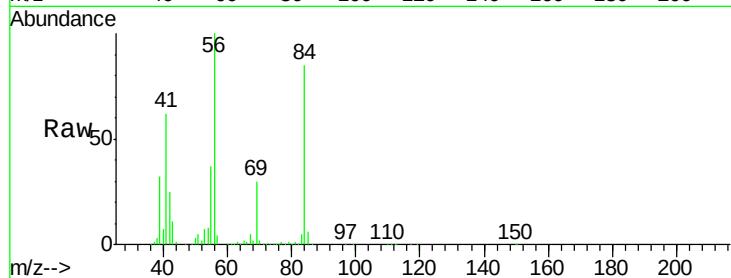
Tot Ion: 56 Resp: 238377

Ion Ratio Lower Upper

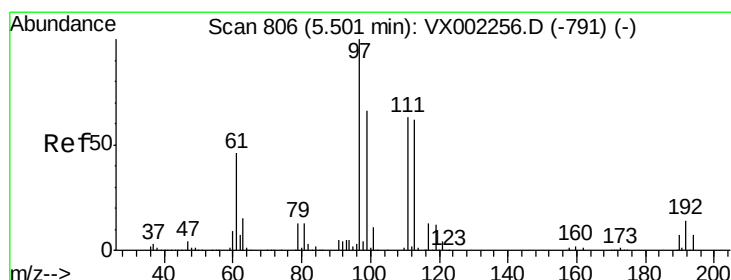
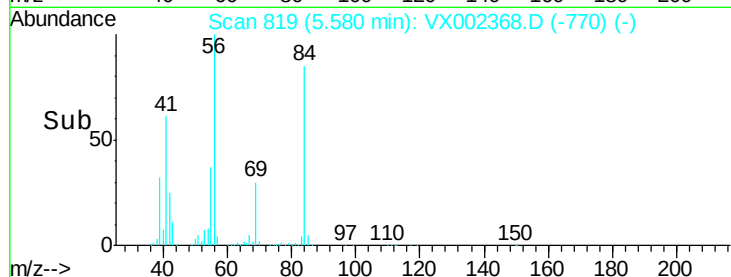
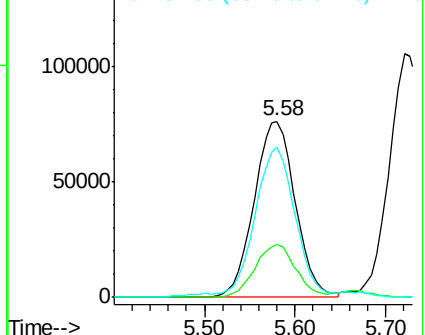
56 100

69 30.3 23.7 35.5

84 83.1 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: 48.027 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

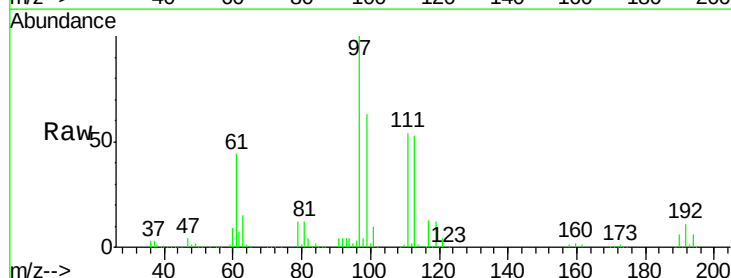
Tgt Ion: 97 Resp: 239264

Ion Ratio Lower Upper

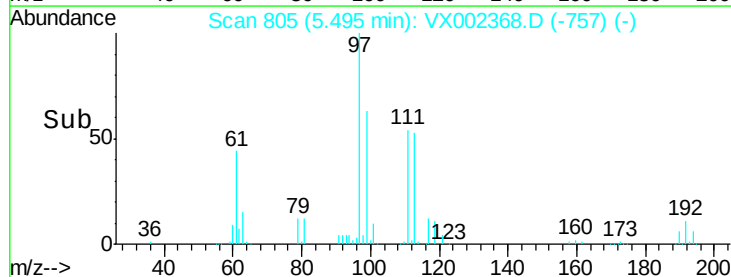
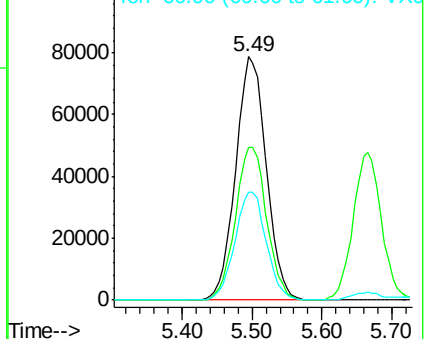
97 100

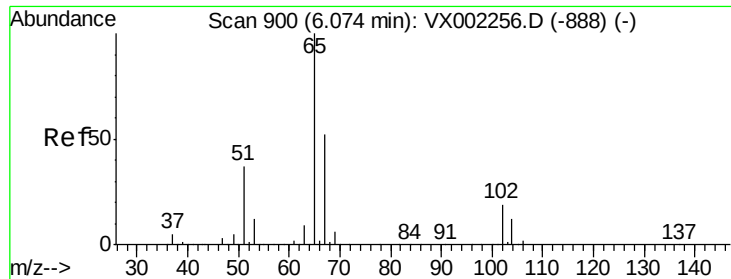
99 64.0 51.6 77.4

61 45.6 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

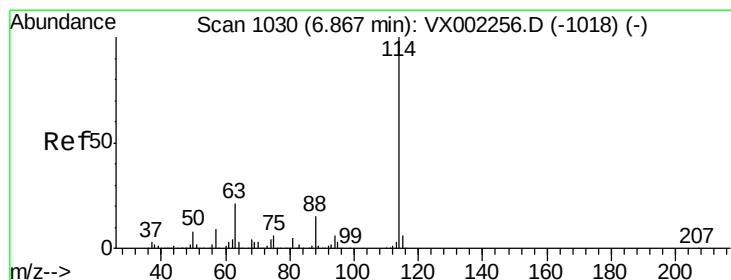
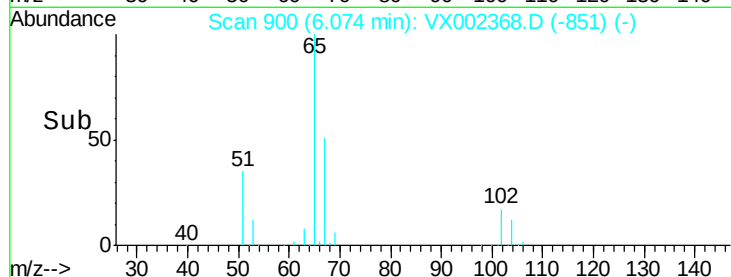
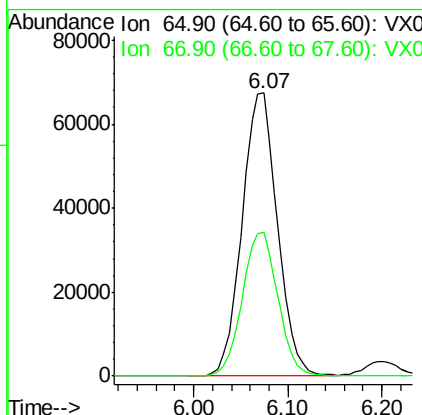
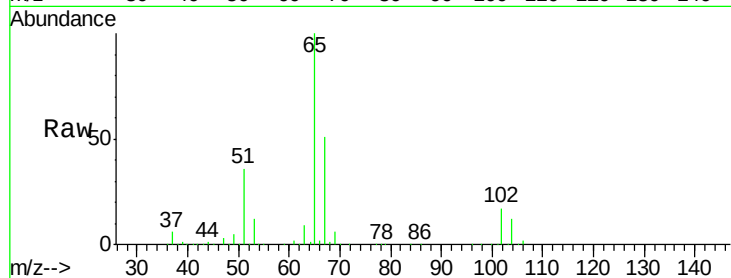




#33
 1,2-Dichloroethane-d4
 Concen: 46.314 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

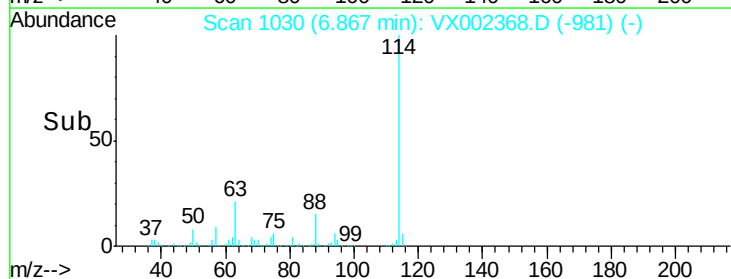
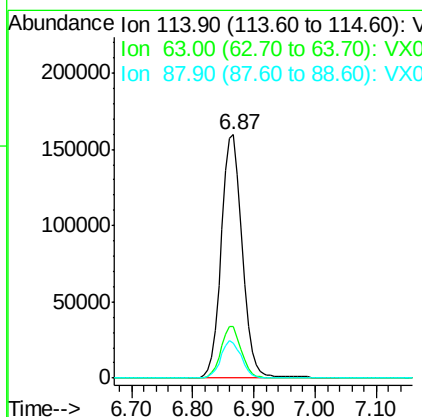
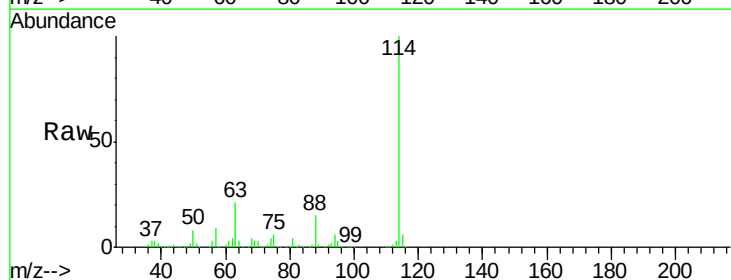
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

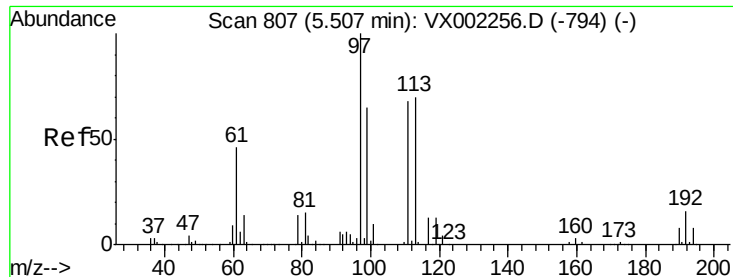
Tot Ion: 65 Resp: 177542
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 114 Resp: 380867
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 14.6 0.0 30.0

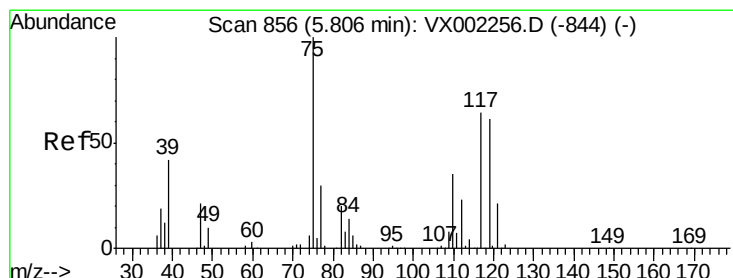
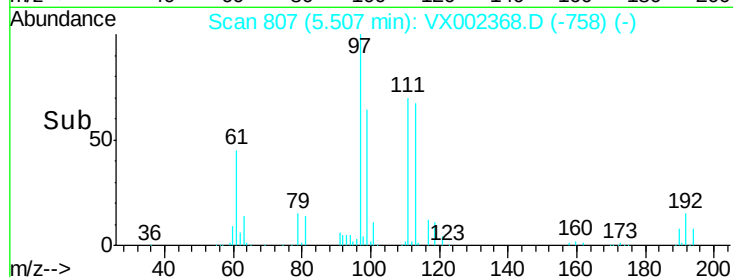
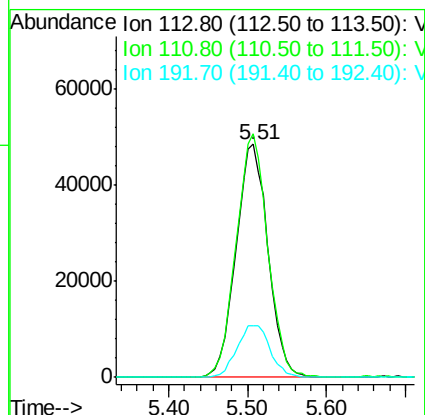
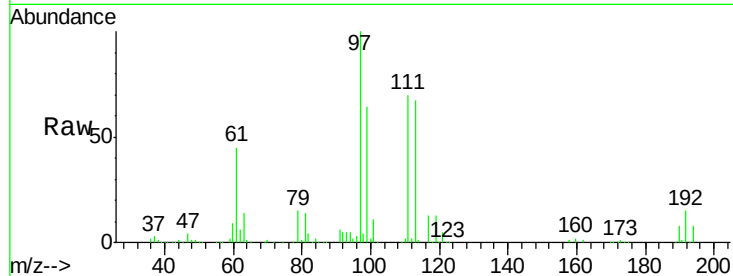




#35
 Dibromofluoromethane
 Concen: 45.798 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

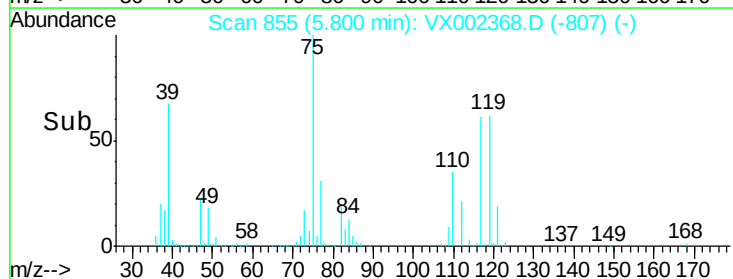
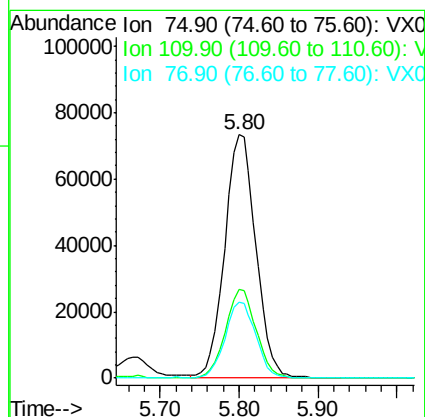
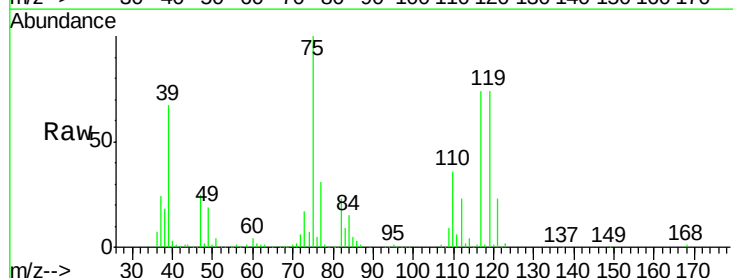
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

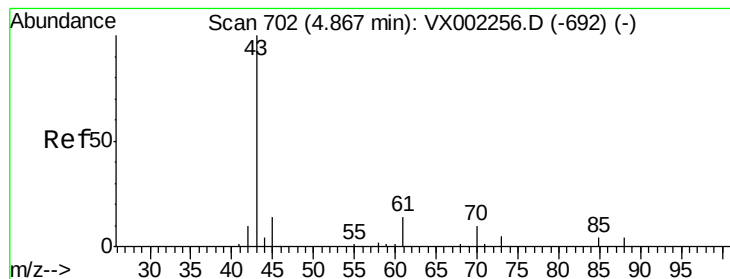
Tot Ion:113 Resp: 137172
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.4 122.0
 192 23.0 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 49.969 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 75 Resp: 200075
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.1 54.4
 77 30.7 24.3 36.5





#37

Ethyl Acetate

Concen: 45.655 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

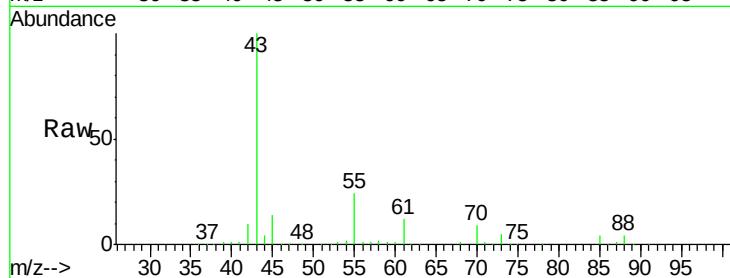
Tot Ion: 43 Resp: 219841

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

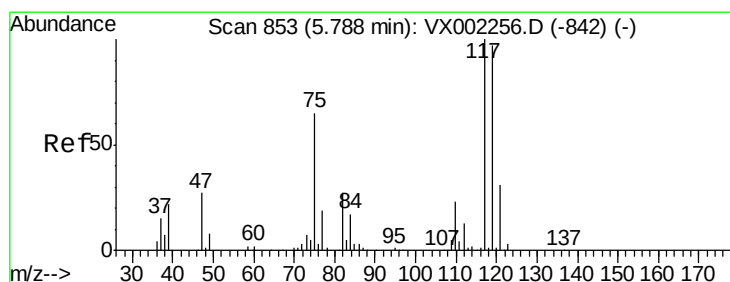
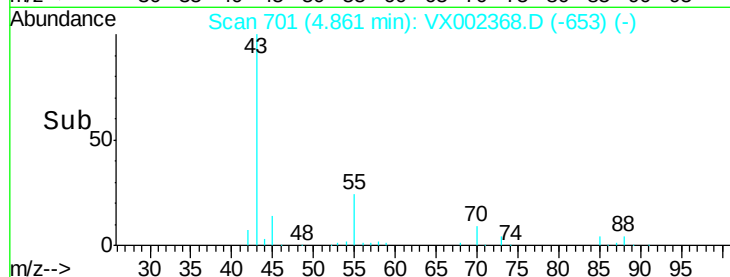
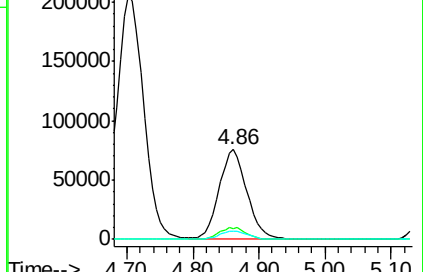
70 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX002256.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX002256.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 50.002 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

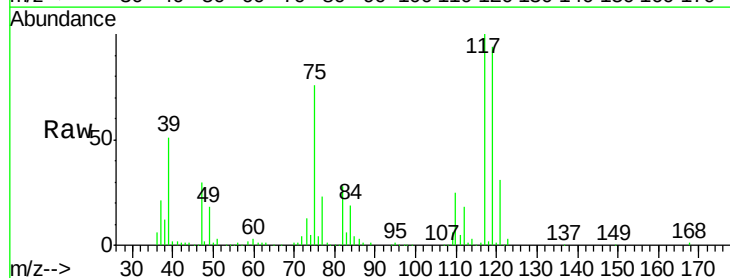
Tgt Ion: 117 Resp: 209446

Ion Ratio Lower Upper

117 100

119 93.8 77.4 116.0

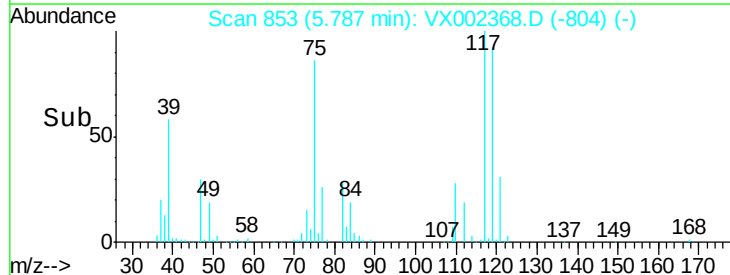
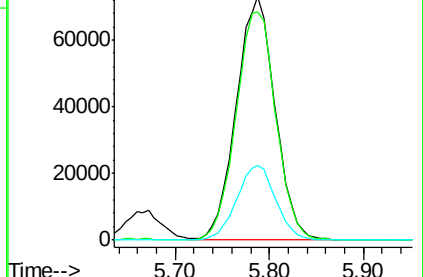
121 30.7 24.4 36.6

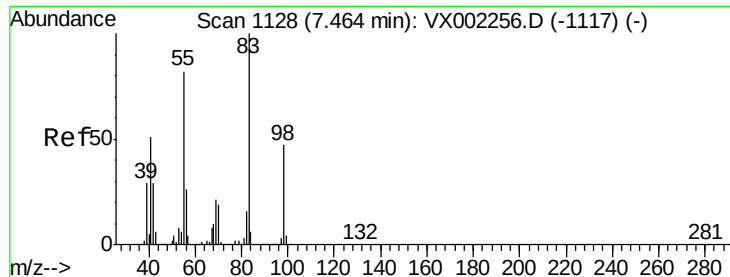


Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX002256.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002256.D (-842) (-)

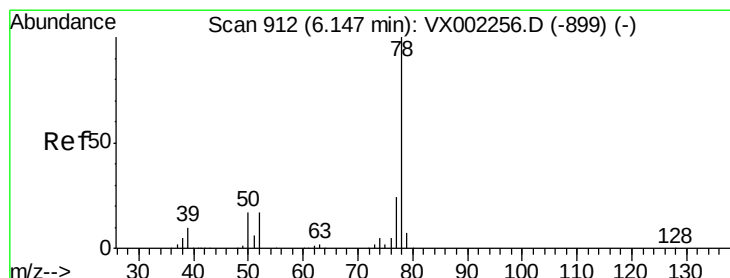
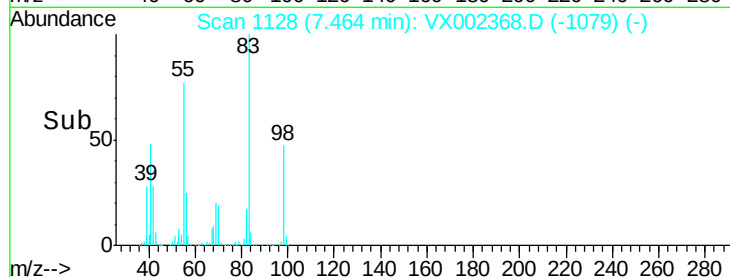
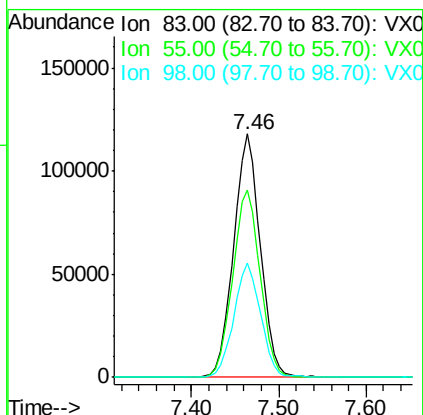
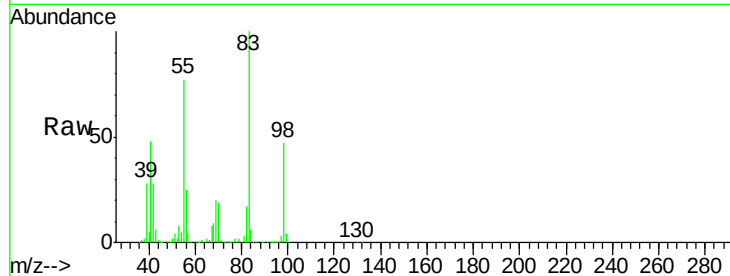




#39
Methylvlcyclohexane
Concen: 50.639 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

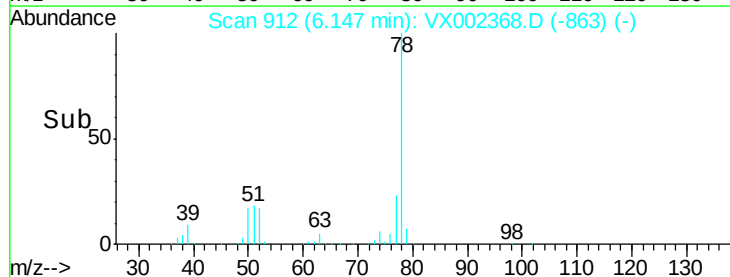
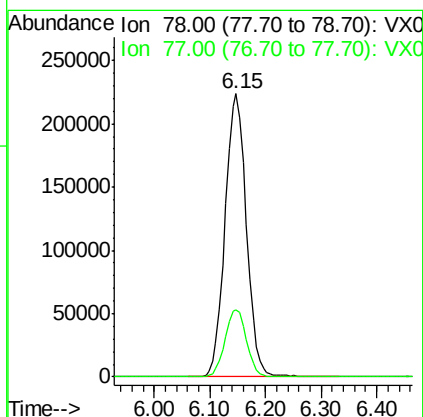
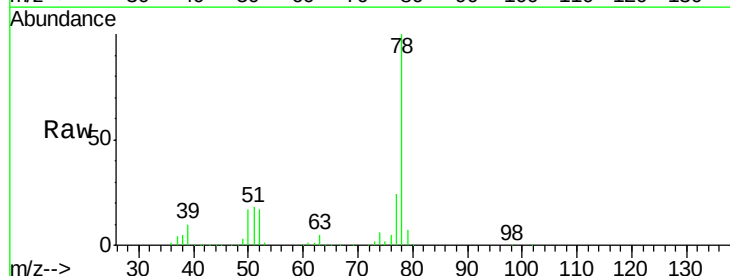
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

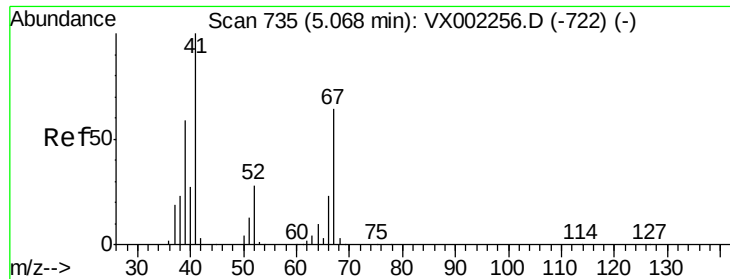
Tot Ion: 83 Resp: 250514
Ion Ratio Lower Upper
83 100
55 76.7 65.4 98.0
98 47.0 37.4 56.0



#40
Benzene
Concen: 48.364 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 78 Resp: 593757
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

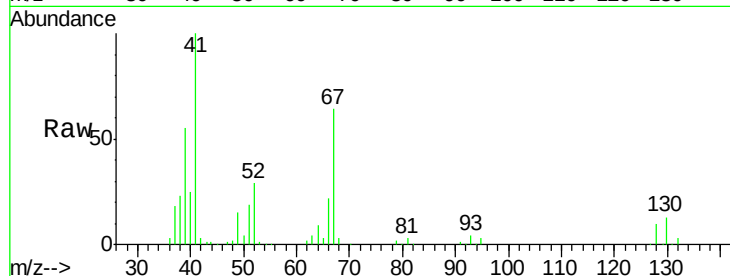




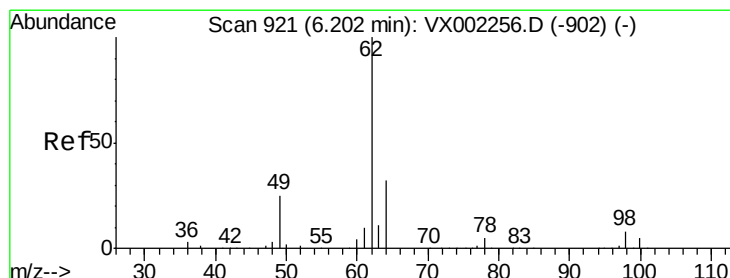
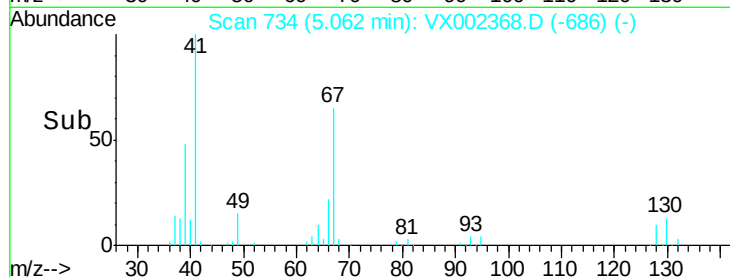
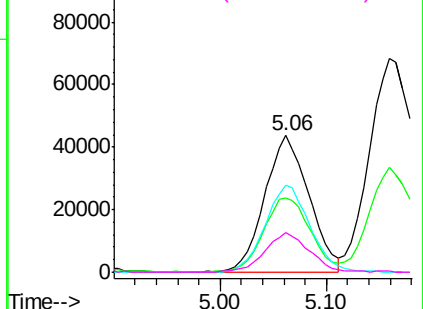
#41
Methacrylonitrile
Concen: 45.315 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	124910
Ion	Ratio	Lower	Upper
41	100		
39	57.5	45.8	68.6
67	64.6	51.3	76.9
52	29.2	23.0	34.6

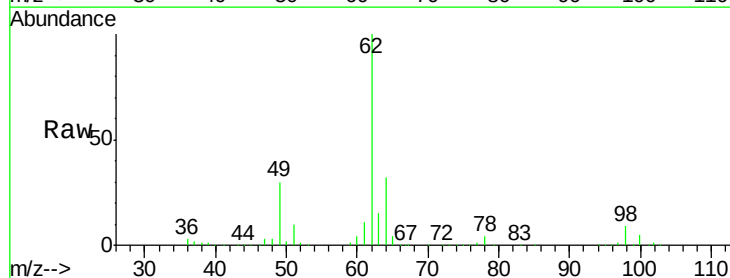


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

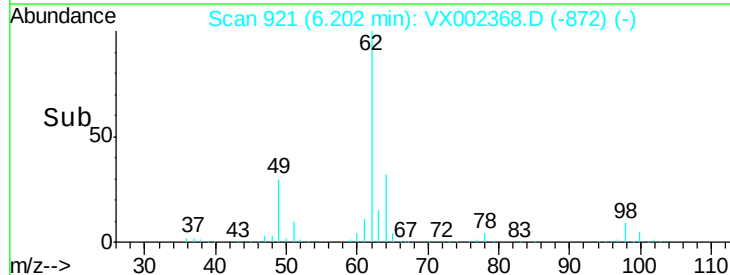
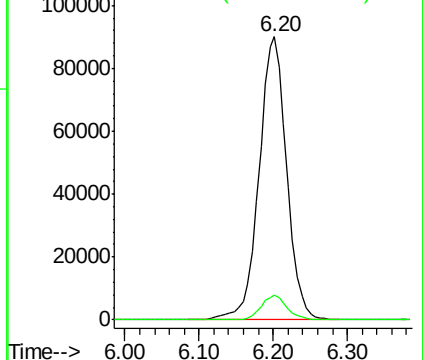


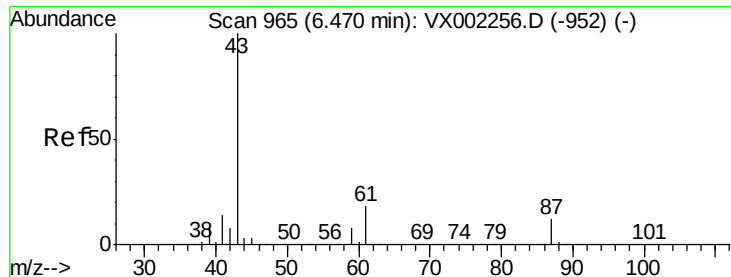
#42
1,2-Dichloroethane
Concen: 47.621 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion:	62	Resp:	232281
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 46.196 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

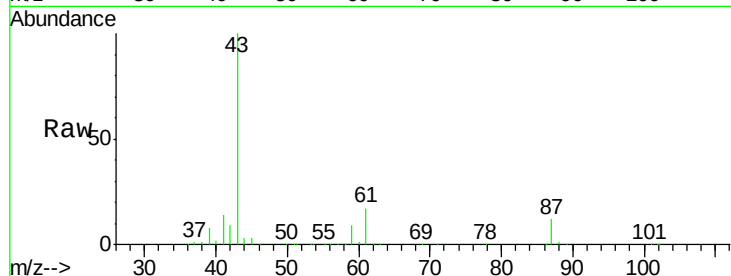
Tot Ion: 43 Resp: 377830

Ion Ratio Lower Upper

43 100

61 18.1 14.4 21.6

87 12.1 9.5 14.3

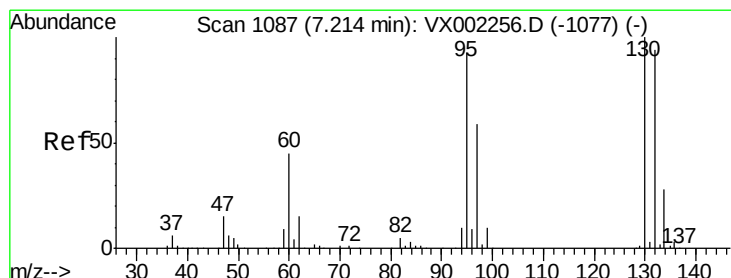
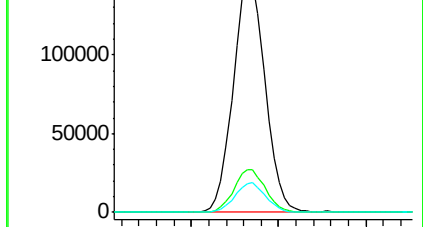
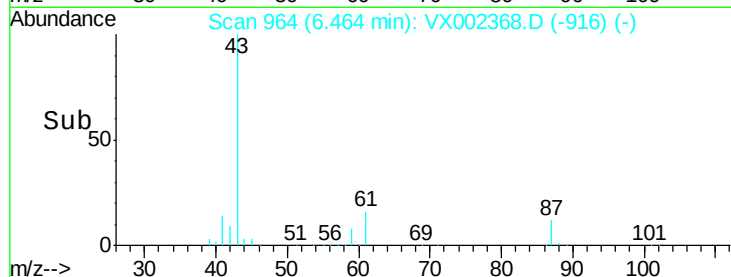


Abundance Ion 43.00 (42.70 to 43.70): VX002256.D (-952) (-)

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: 50.150 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002368.D

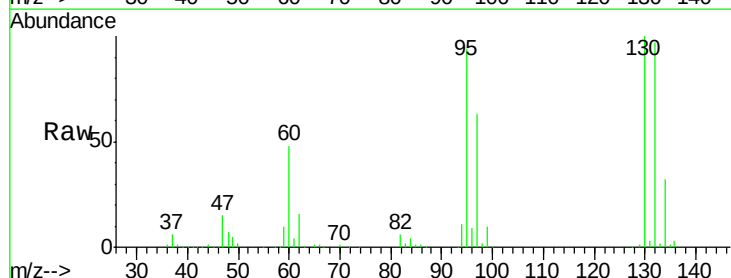
Acq: 07 Jun 2018 09:56

Tgt Ion:130 Resp: 170878

Ion Ratio Lower Upper

130 100

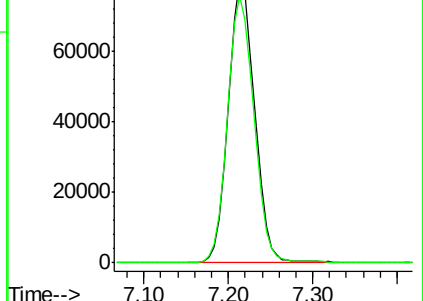
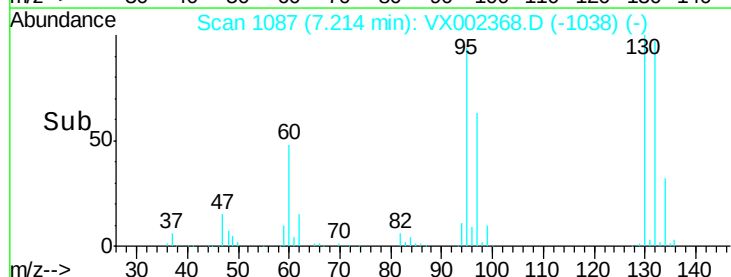
95 94.3 0.0 185.4

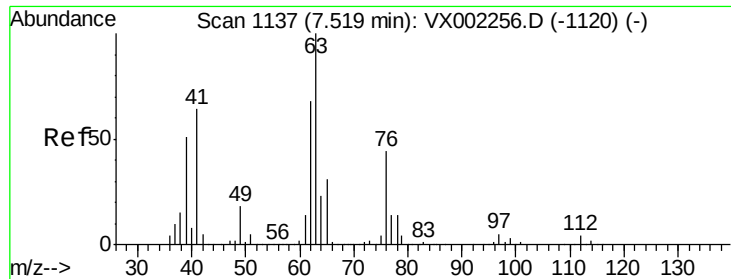


Abundance Ion 129.80 (129.50 to 130.50): VX002256.D (-1077) (-)

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

Time-->

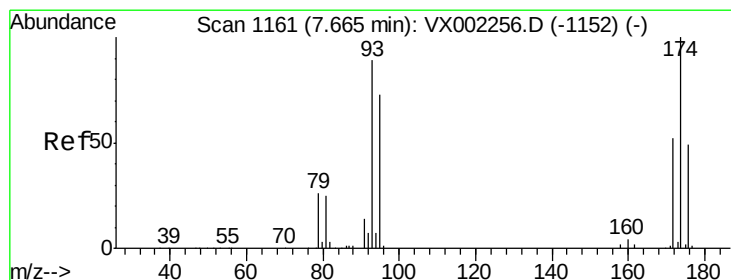
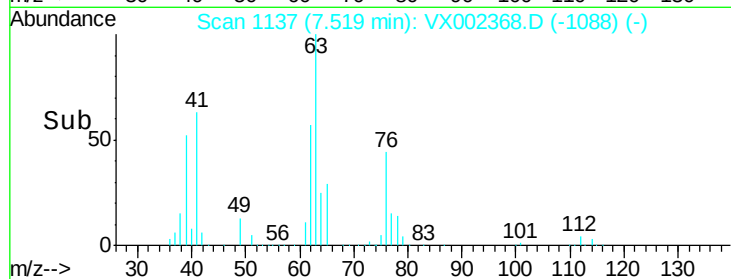
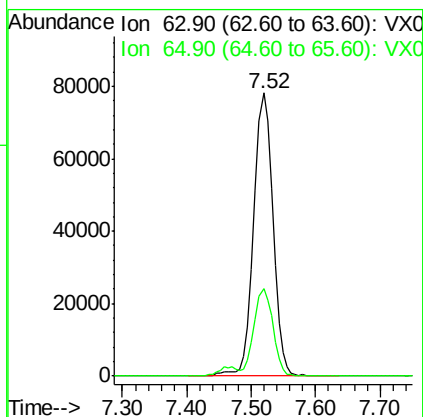
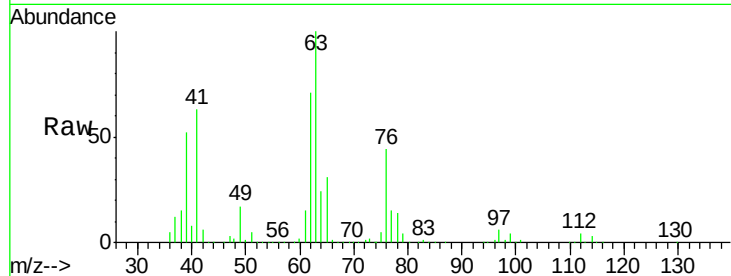




#45
 1,2-Dichloropropane
 Concen: 48.201 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

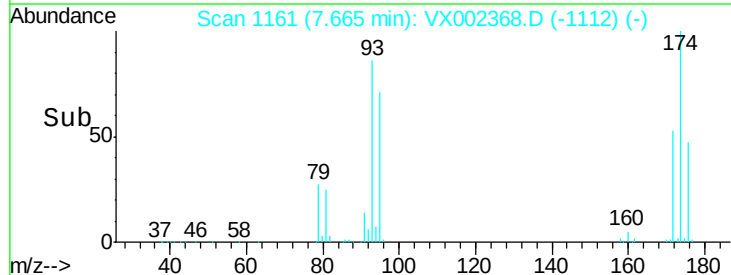
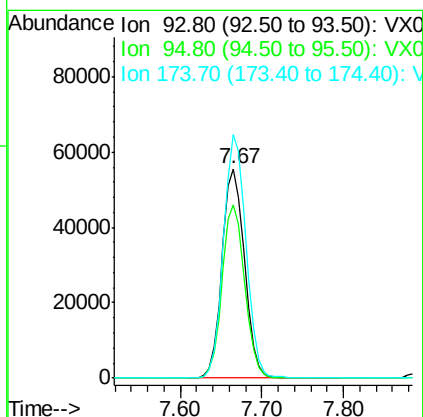
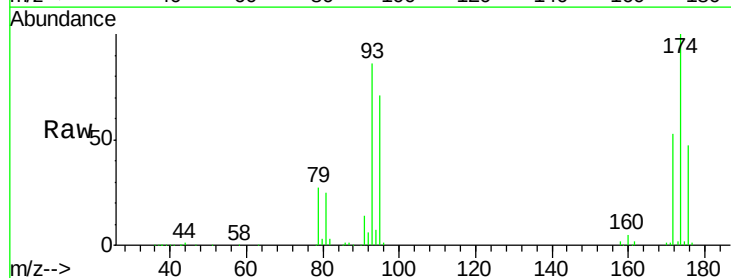
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

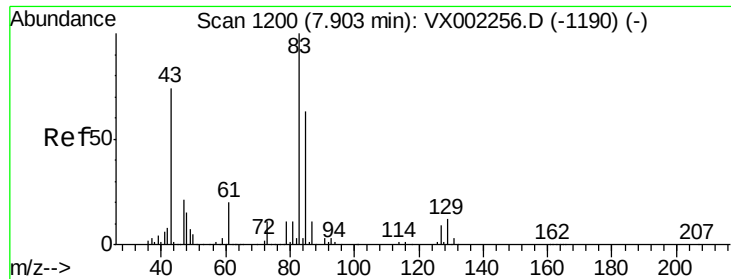
Tot Ion: 63 Resp: 159756
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 47.268 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 93 Resp: 106202
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 115.8 92.4 138.6





#47

Bromodichloromethane

Concen: 48.823 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

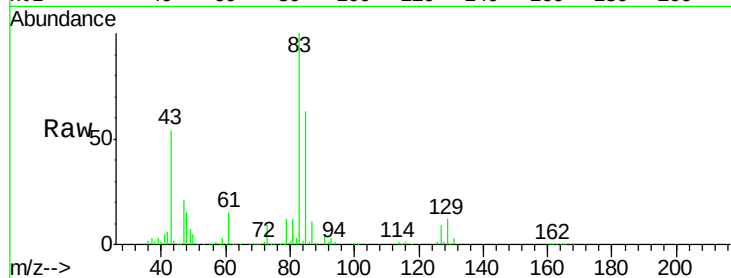
Tot Ion: 83 Resp: 198397

Ion Ratio Lower Upper

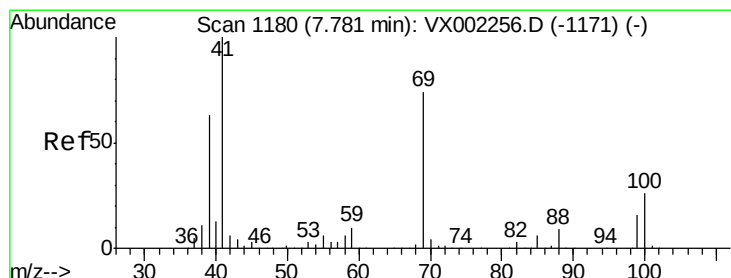
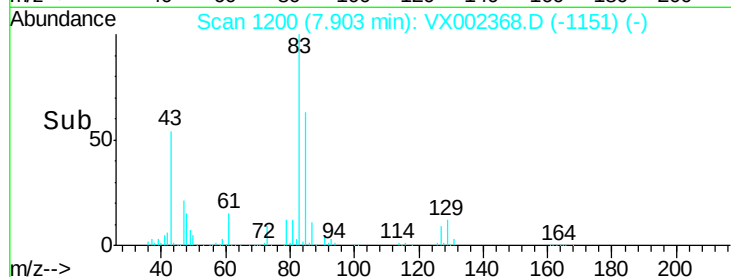
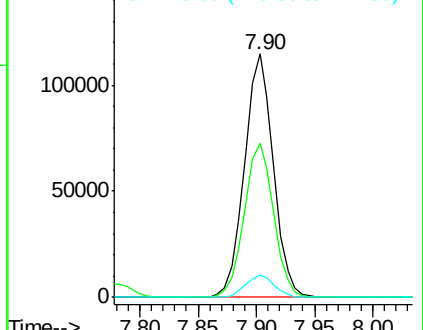
83 100

85 63.3 50.3 75.5

127 9.0 7.0 10.4



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



#48

Methyl methacrylate

Concen: 47.437 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

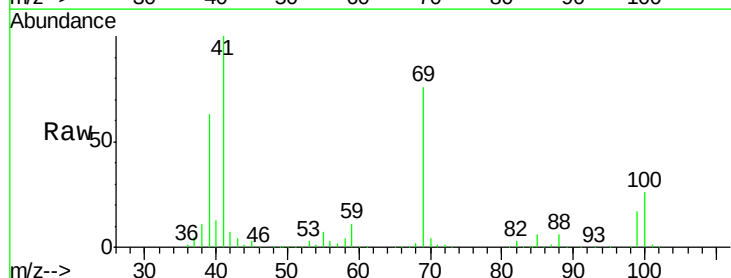
Tgt Ion: 41 Resp: 194886

Ion Ratio Lower Upper

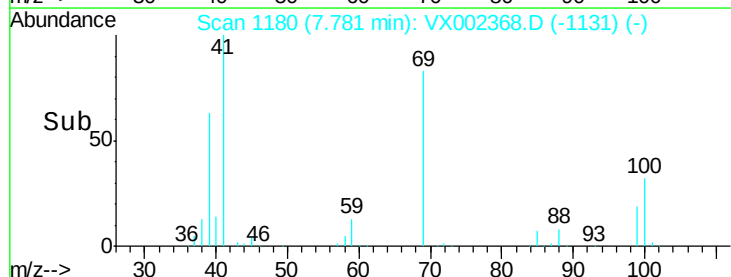
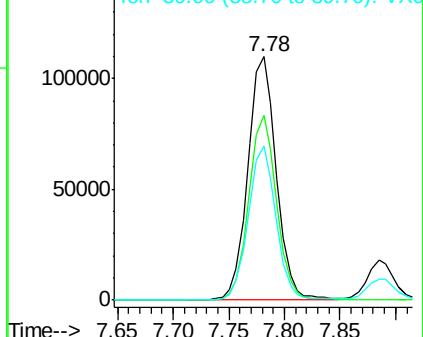
41 100

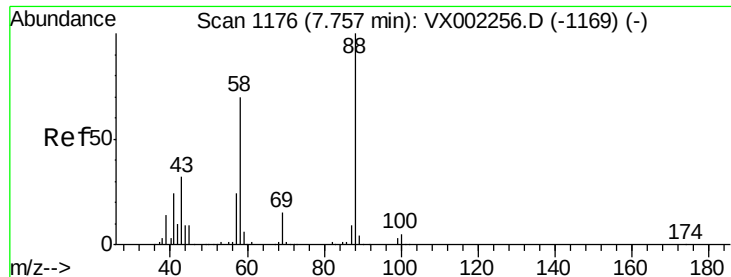
69 74.8 59.1 88.7

39 61.7 48.9 73.3



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





#49

1,4-Dioxane

Concen: 934.493 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

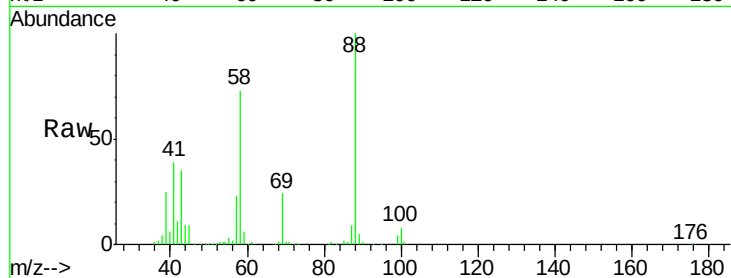
Tot Ion: 88 Resp: 71783

Ion Ratio Lower Upper

88 100

43 37.3 29.8 44.6

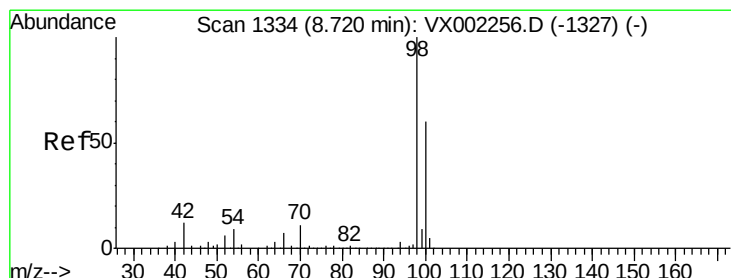
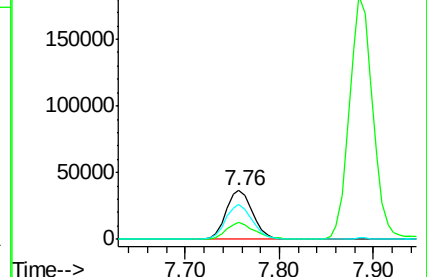
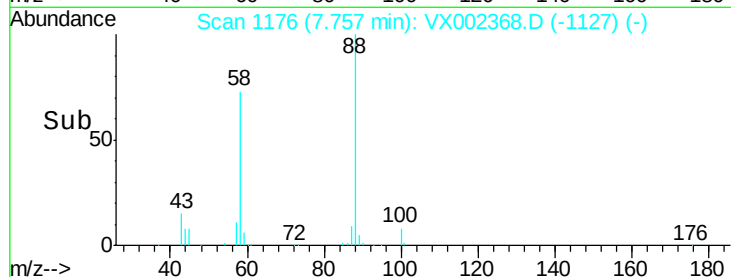
58 71.9 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX002368.D (-1127) (-)

Ion 43.00 (42.70 to 43.70): VX002368.D (-1127) (-)

Ion 58.00 (57.70 to 58.70): VX002368.D (-1127) (-)



#50

Toluene-d8

Concen: 46.644 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002368.D

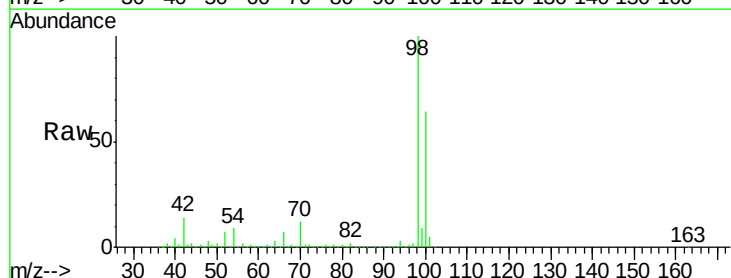
Acq: 07 Jun 2018 09:56

Tgt Ion: 98 Resp: 535487

Ion Ratio Lower Upper

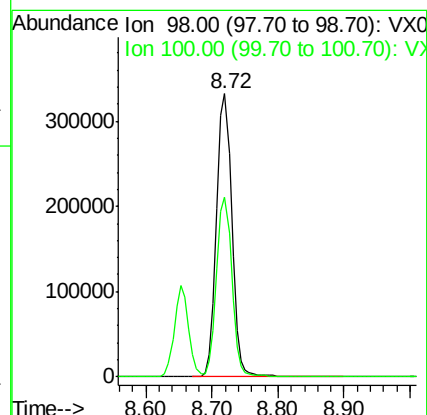
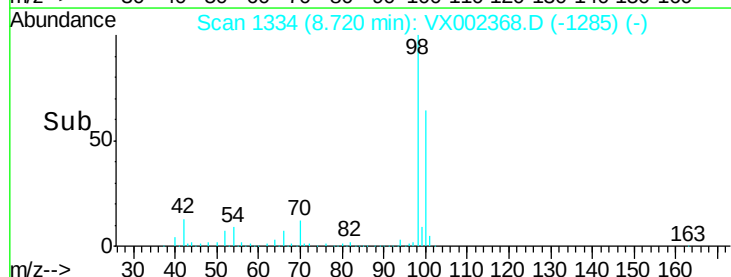
98 100

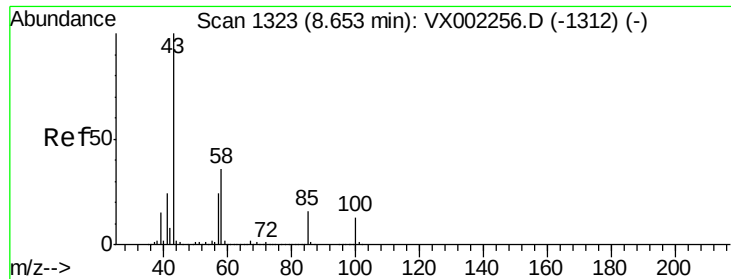
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX002368.D (-1285) (-)

Ion 100.00 (99.70 to 100.70): VX002368.D (-1285) (-)

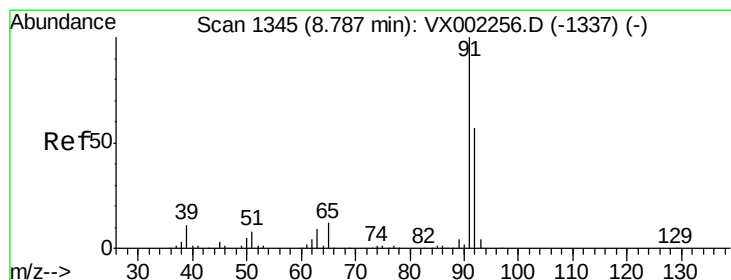
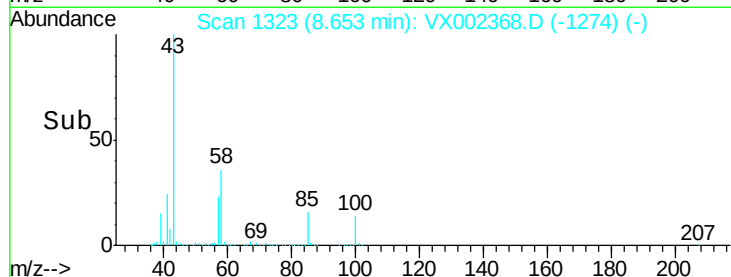
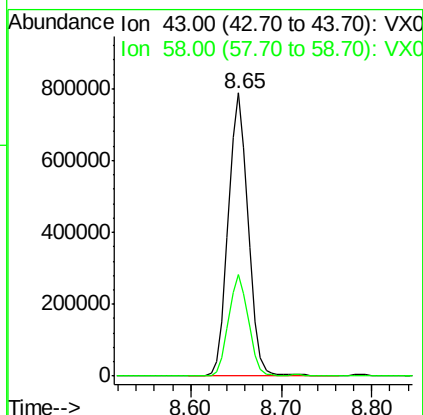
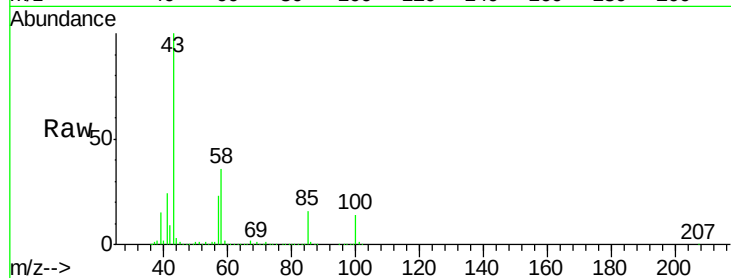




#51
 4-Methyl-2-Pentanone
 Concen: 236.721 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

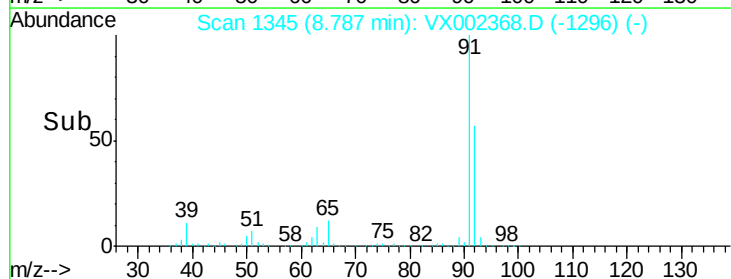
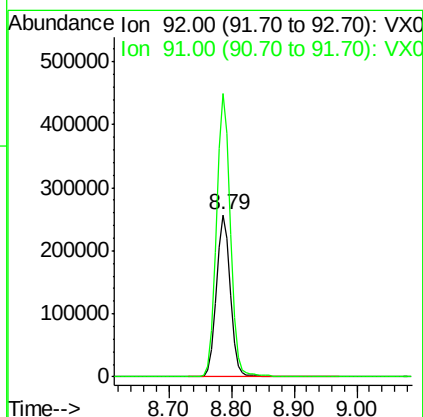
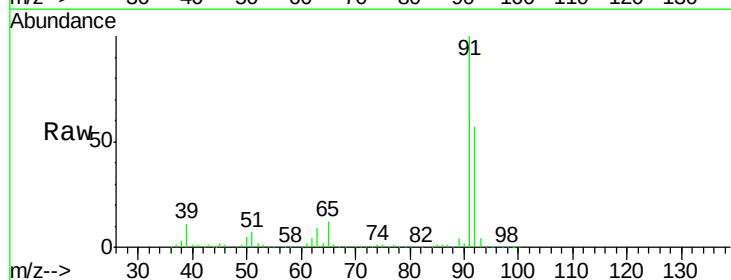
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

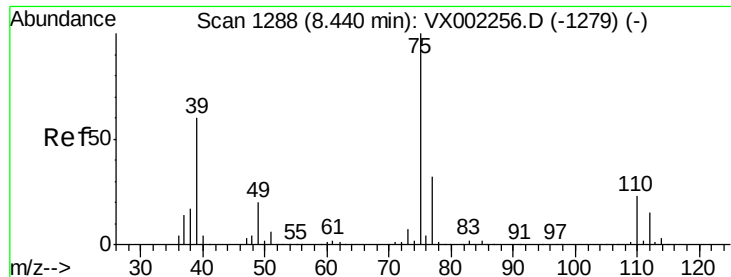
Tot Ion: 43 Resp: 1205690
 Ion Ratio Lower Upper
 43 100
 58 35.6 28.6 42.8



#52
 Toluene
 Concen: 50.657 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 92 Resp: 395546
 Ion Ratio Lower Upper
 92 100
 91 174.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 50.367 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

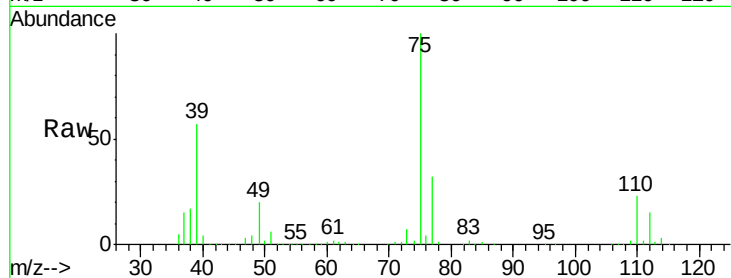
VSTDCCC050

Tot Ion: 75 Resp: 245444

Ion Ratio Lower Upper

75 100

77 31.5 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

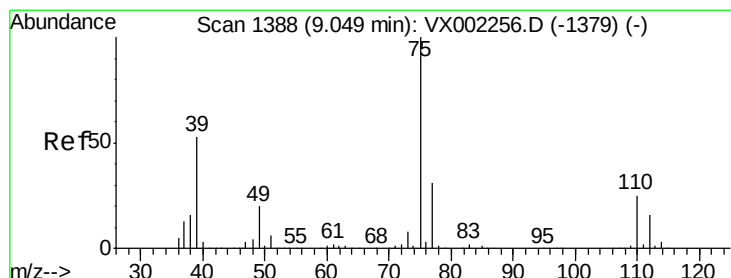
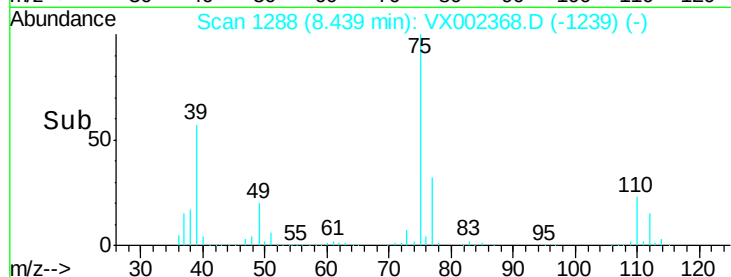
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.060 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

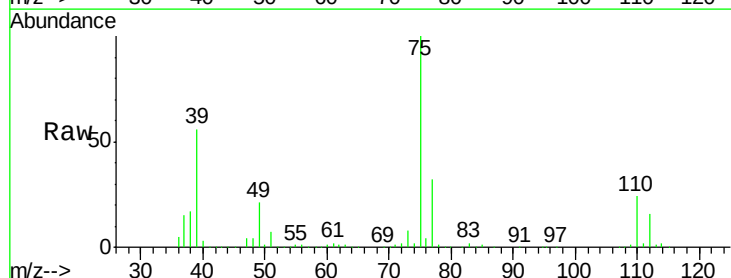
Tgt Ion: 75 Resp: 230150

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 55.5 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

9.04

200000

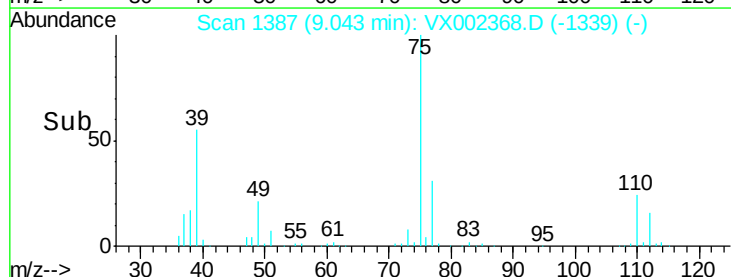
150000

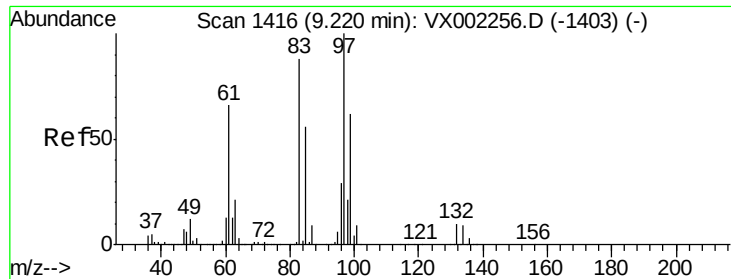
100000

50000

0

Time-->

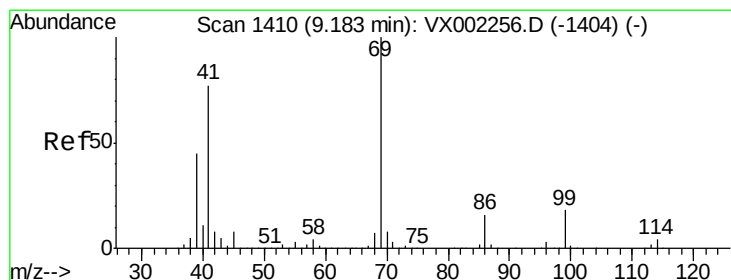
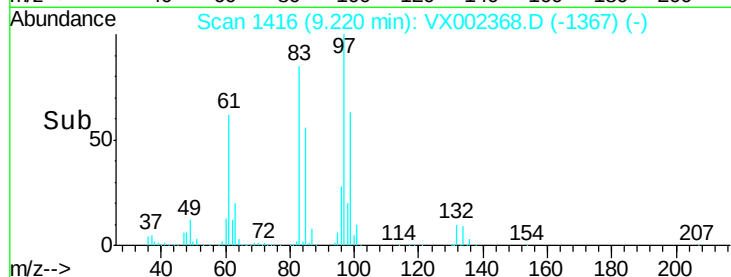
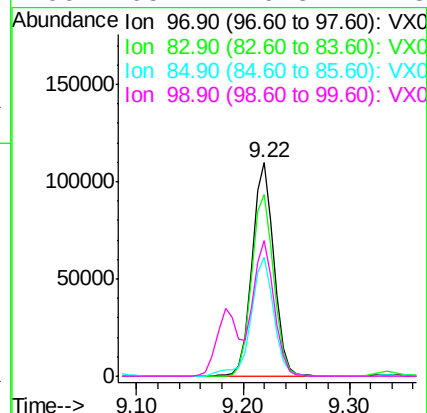
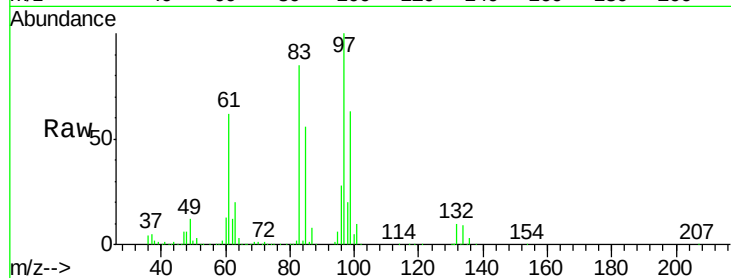




#55
 1,1,2-Trichloroethane
 Concen: 49.195 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

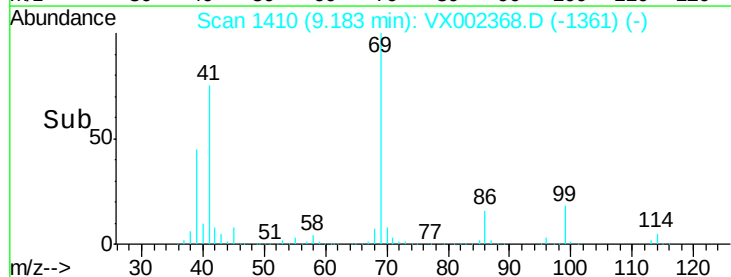
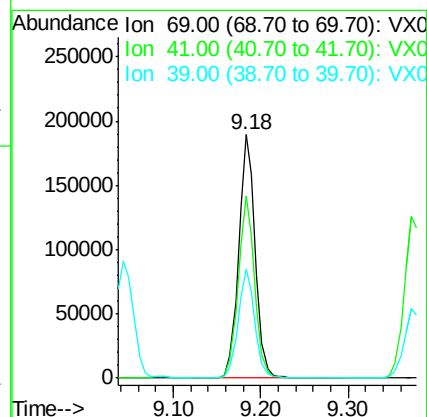
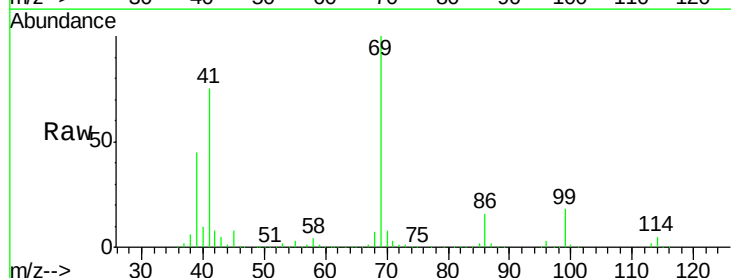
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

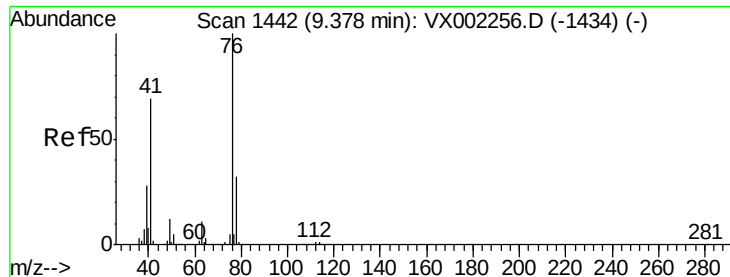
Tot Ion: 97 Resp: 157988
 Ion Ratio Lower Upper
 97 100
 83 85.2 70.2 105.2
 85 55.9 44.9 67.3
 99 63.2 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 48.732 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 69 Resp: 249862
 Ion Ratio Lower Upper
 69 100
 41 74.4 60.3 90.5
 39 45.1 35.8 53.8





#57

1,3-Dichloropropane

Concen: 48.453 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

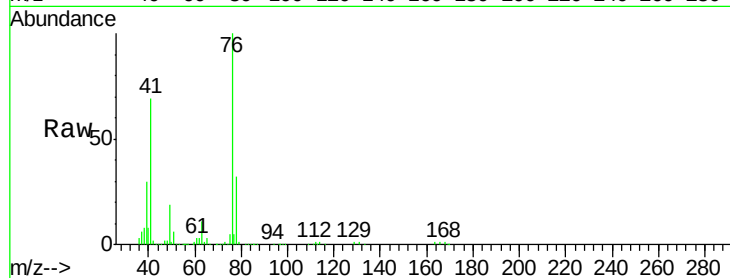
VSTDCCC050

Tot Ion: 76 Resp: 261049

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

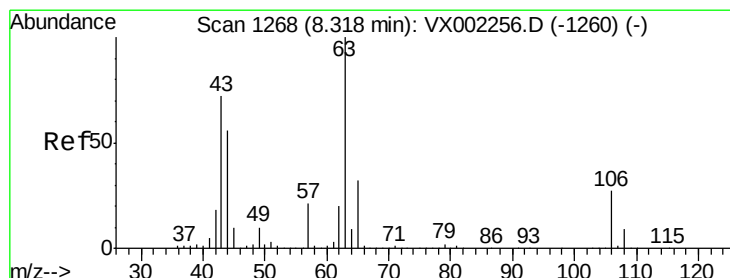
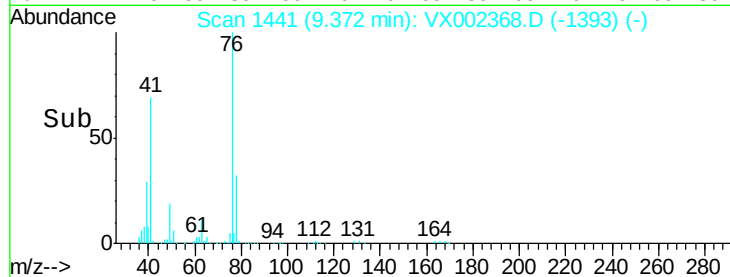
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.104 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002368.D

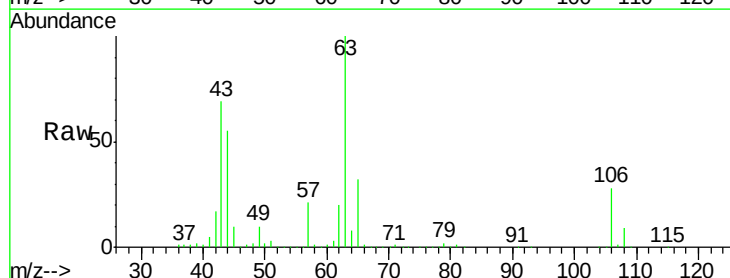
Acq: 07 Jun 2018 09:56

Tgt Ion: 63 Resp: 576906

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

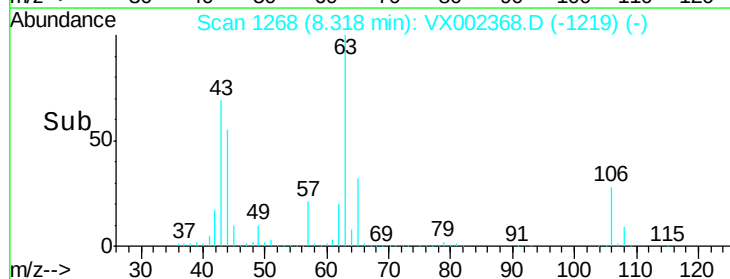
300000

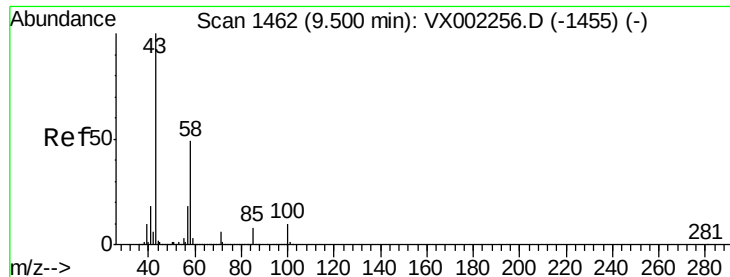
200000

100000

0

Time-->

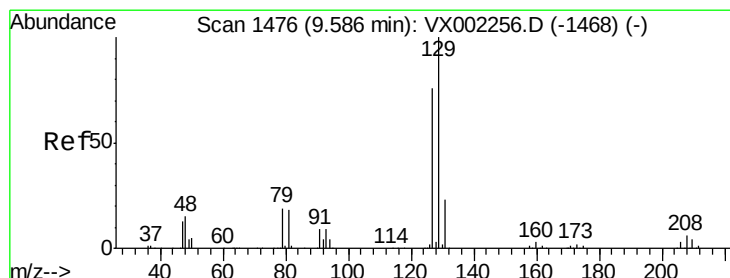
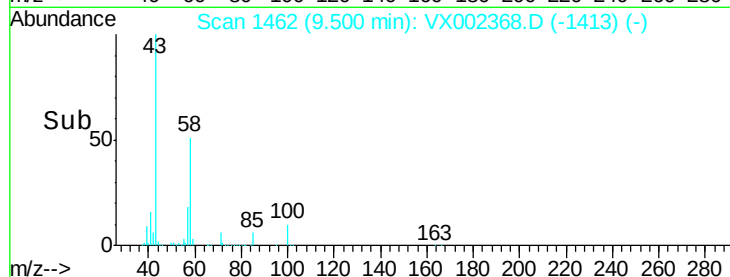
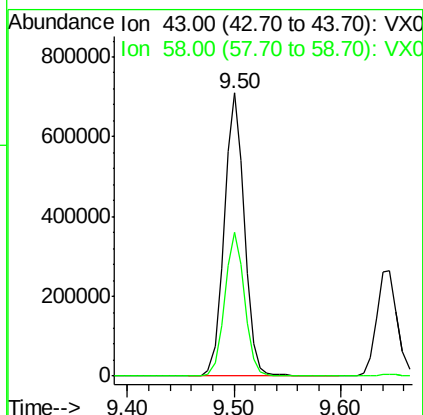
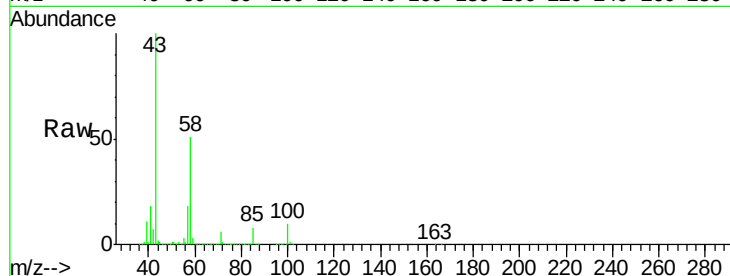




#59
2-Hexanone
Concen: 238.493 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

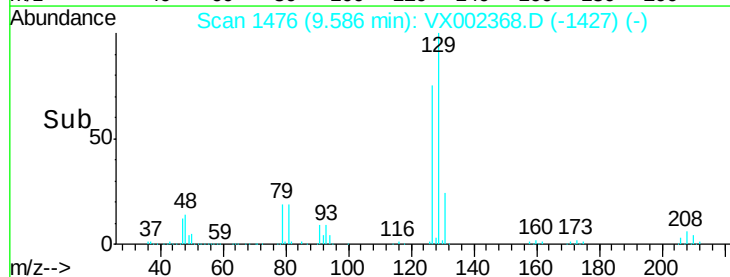
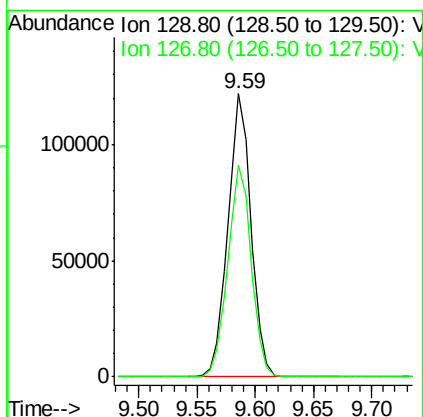
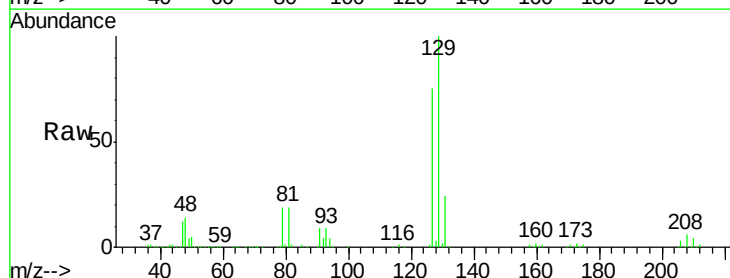
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

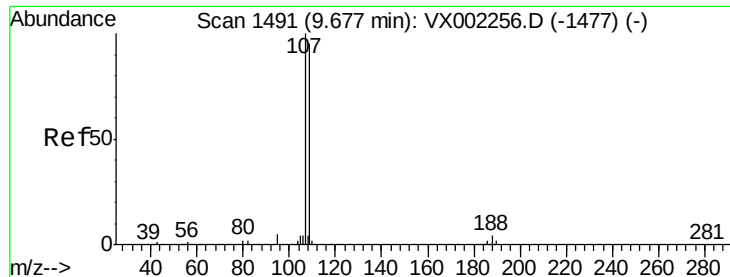
Tot Ion: 43 Resp: 938253
Ion Ratio Lower Upper
43 100
58 50.2 24.6 73.6



#60
Dibromochloromethane
Concen: 52.017 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 129 Resp: 168028
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 49.774 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

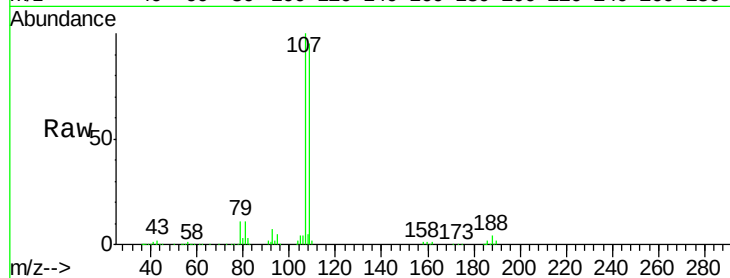
VSTDCCC050

Tot Ion:107 Resp: 166672

Ion Ratio Lower Upper

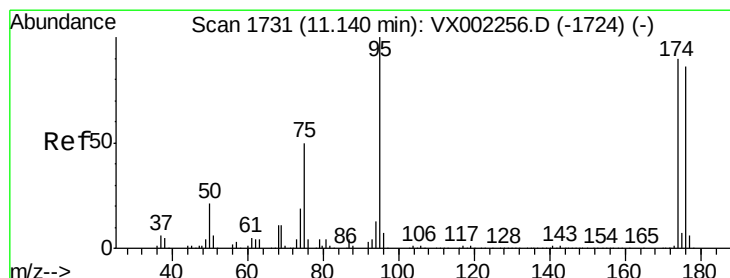
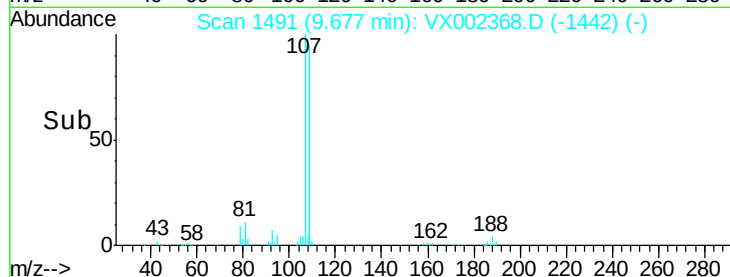
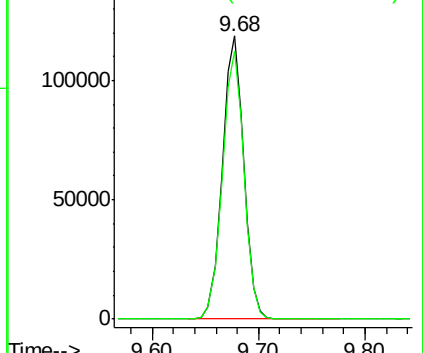
107 100

109 95.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.941 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

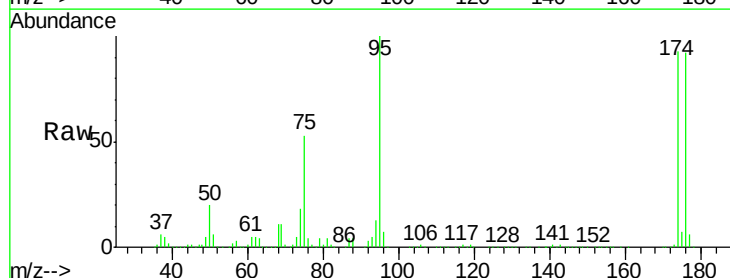
Tgt Ion: 95 Resp: 207808

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

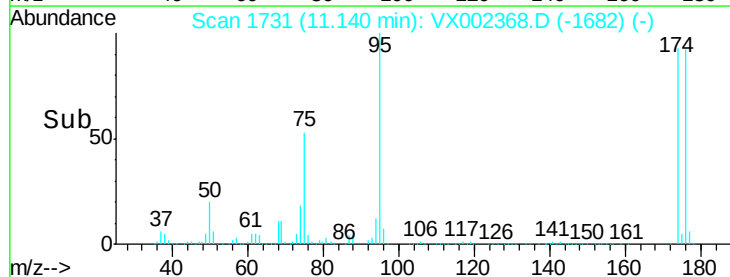
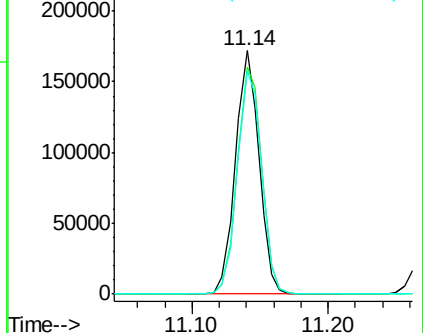
176 94.1 0.0 181.0

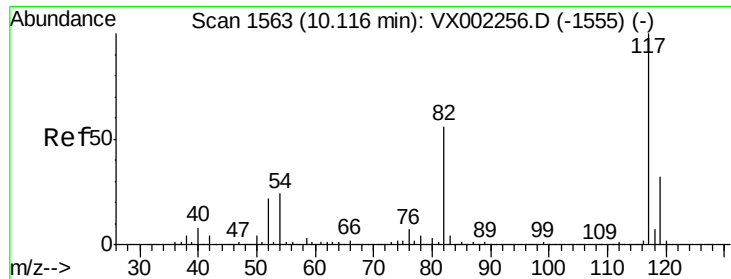


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

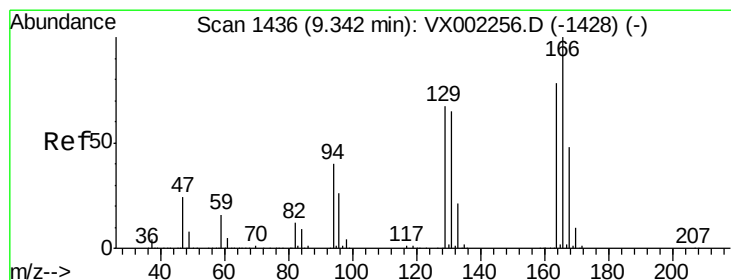
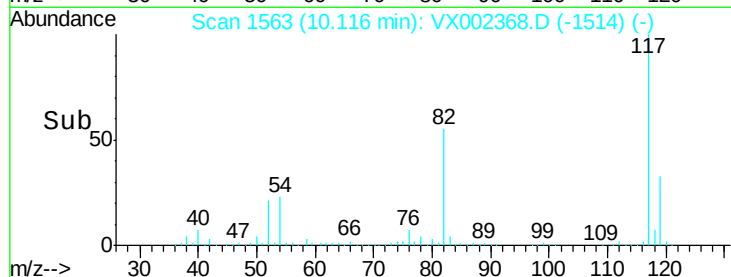
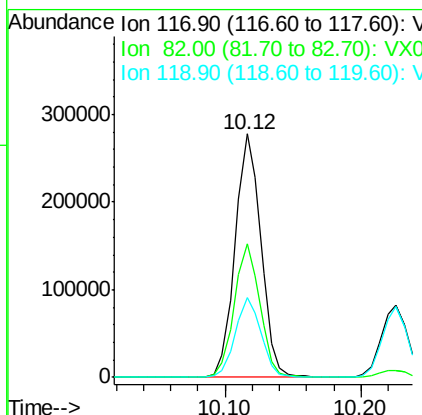
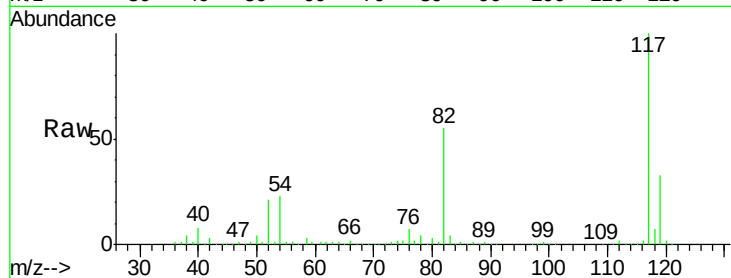




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

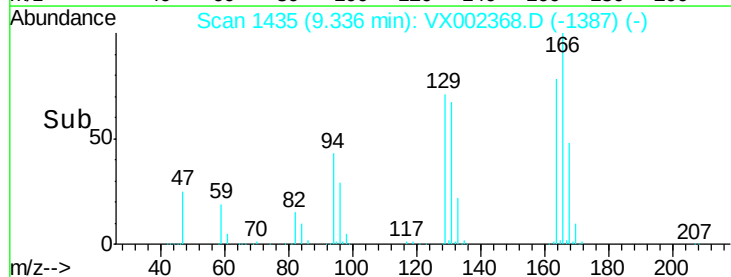
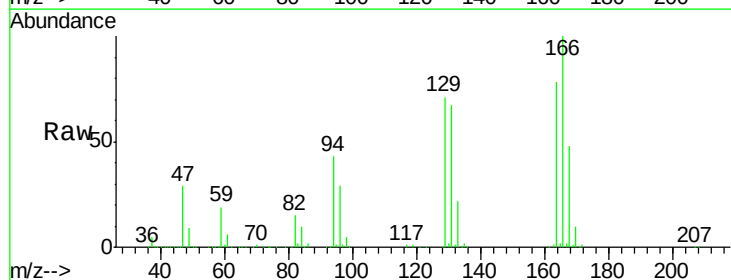
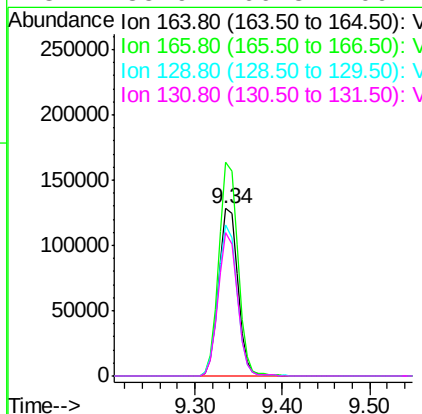
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

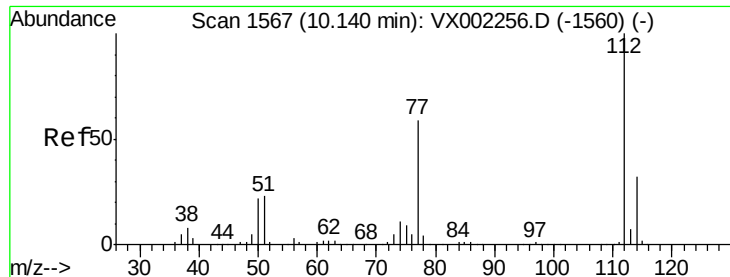
Tot Ion:117 Resp: 368056
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.6 25.8 38.6



#64
Tetrachloroethene
Concen: 51.001 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion:164 Resp: 193594
Ion Ratio Lower Upper
164 100
166 127.6 102.9 154.3
129 90.5 68.6 102.8
131 85.9 66.8 100.2

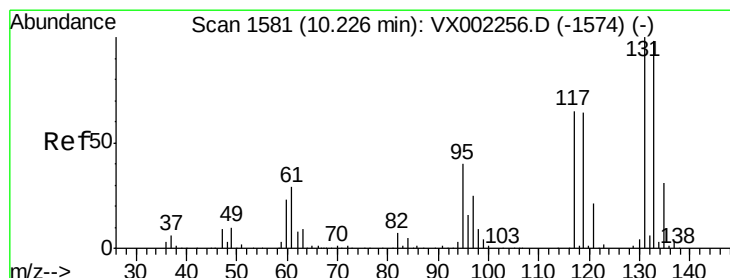
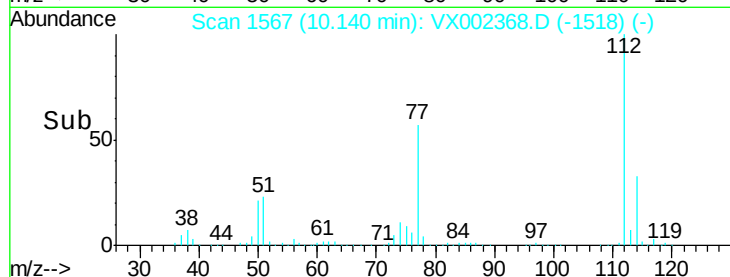
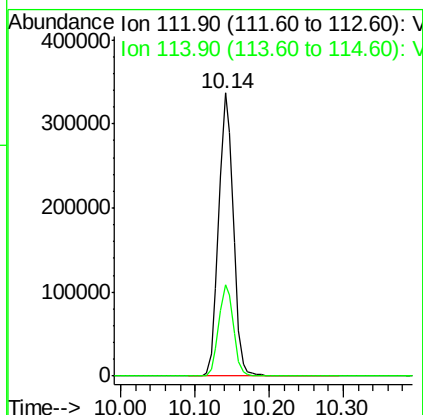
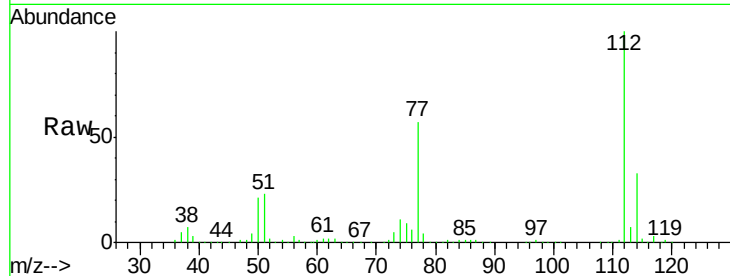




#65
Chlorobenzene
Concen: 49.834 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

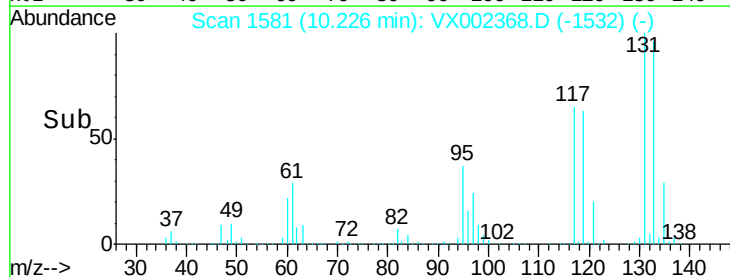
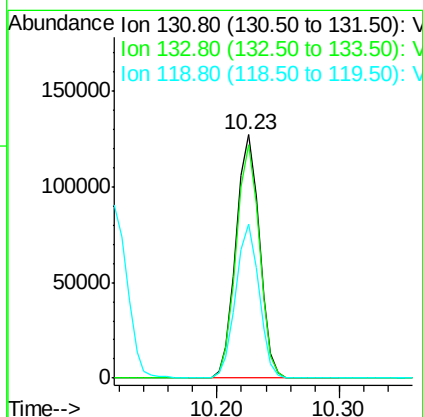
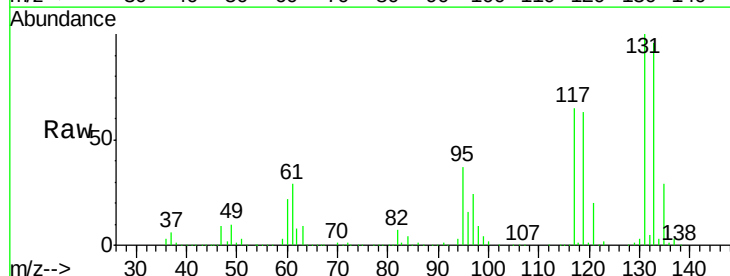
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

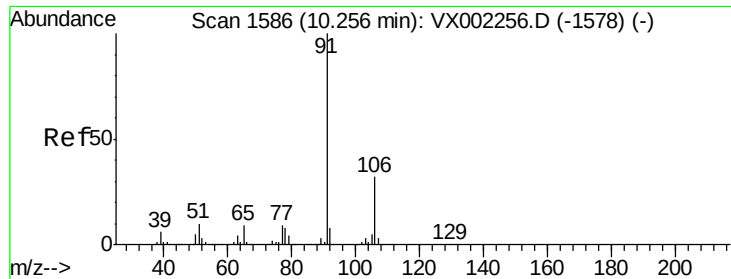
Tot Ion:112 Resp: 456391
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.948 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion:131 Resp: 168949
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 62.6 31.8 95.3

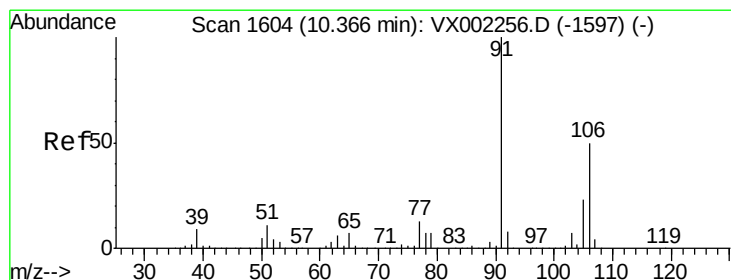
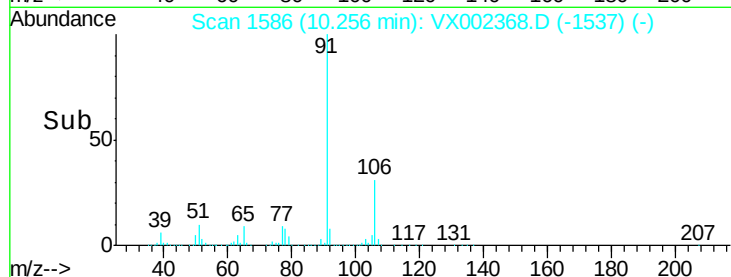
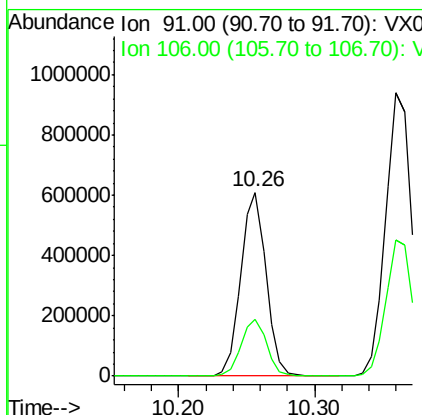
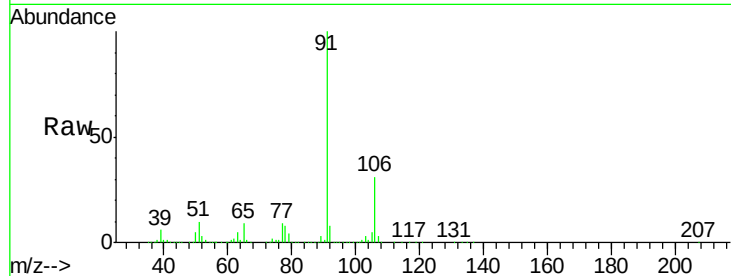




#67
Ethyl Benzene
Concen: 51.628 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

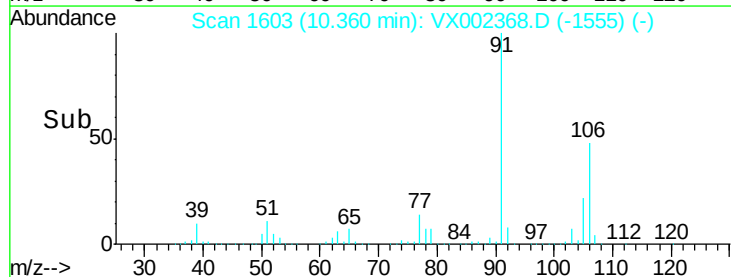
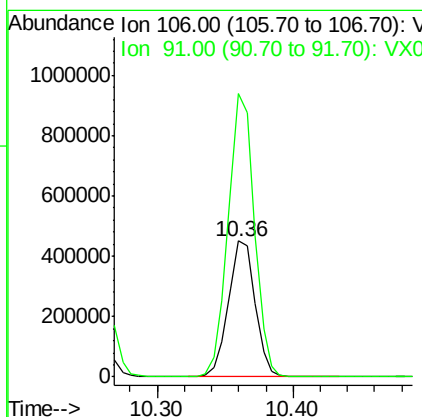
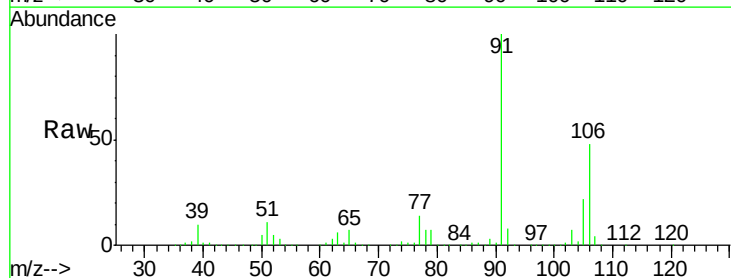
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

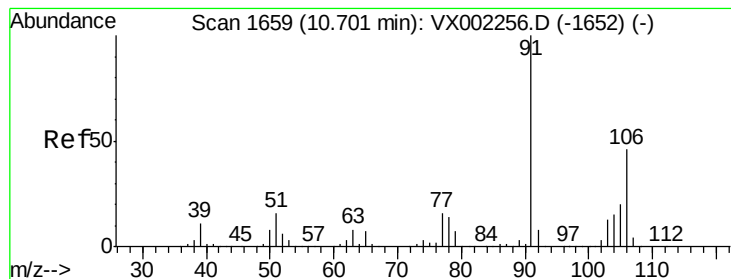
Tot Ion: 91 Resp: 791283
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 103.336 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 106 Resp: 615657
Ion Ratio Lower Upper
106 100
91 205.7 163.4 245.2





#69

o-Xylene

Concen: 51.036 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

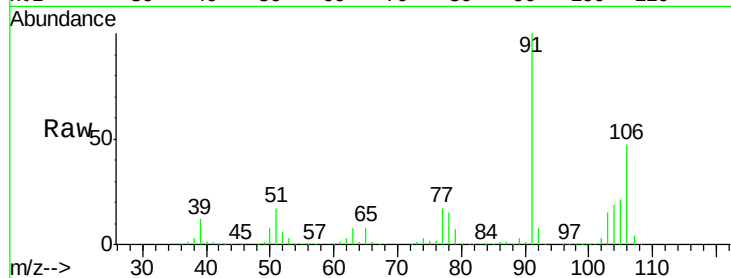
VSTDCCC050

Tot Ion:106 Resp: 302591

Ion Ratio Lower Upper

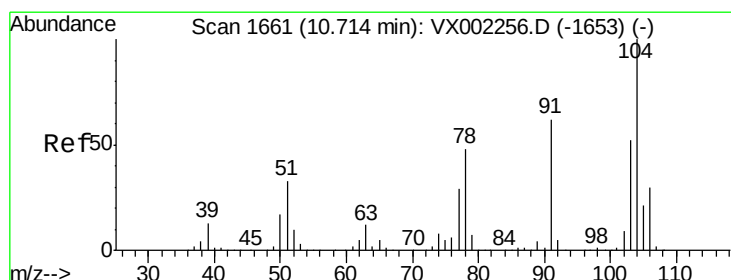
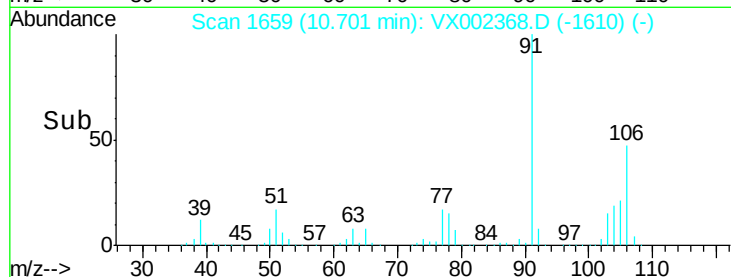
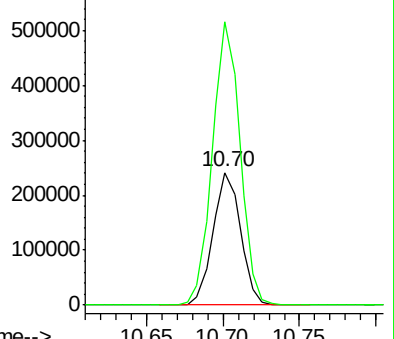
106 100

91 213.8 108.2 324.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 52.011 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

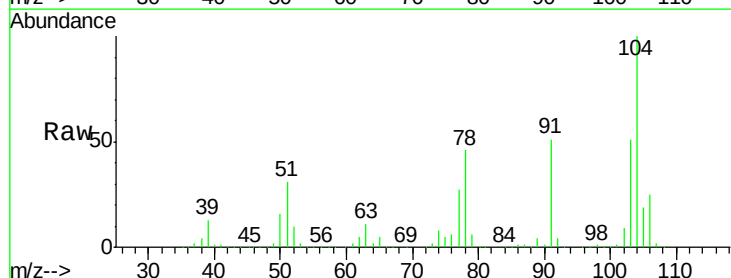
Tgt Ion:104 Resp: 504119

Ion Ratio Lower Upper

104 100

78 51.0 41.0 61.6

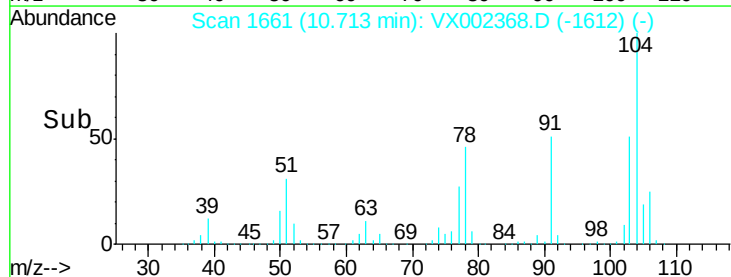
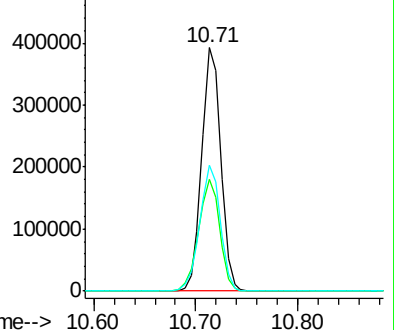
103 55.9 44.2 66.4

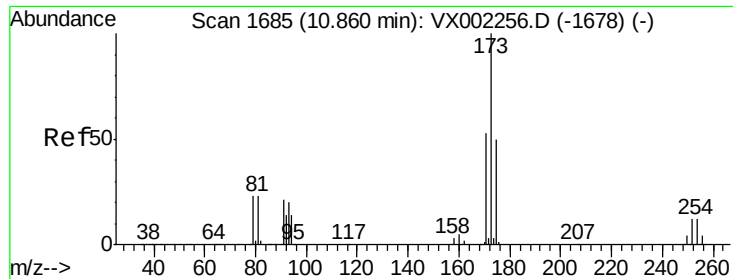


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 44.280 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

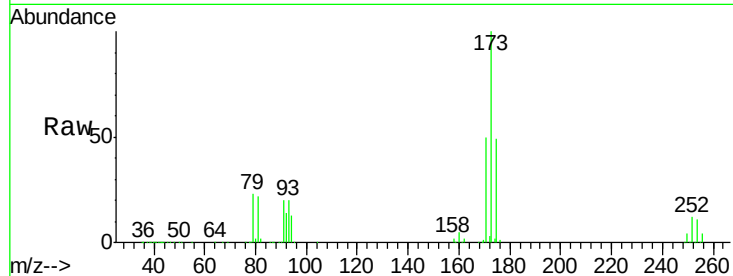
Tot Ion:173 Resp: 130244

Ion Ratio Lower Upper

173 100

175 48.6 24.7 74.1

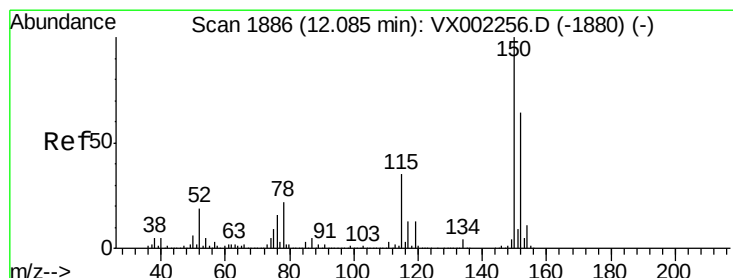
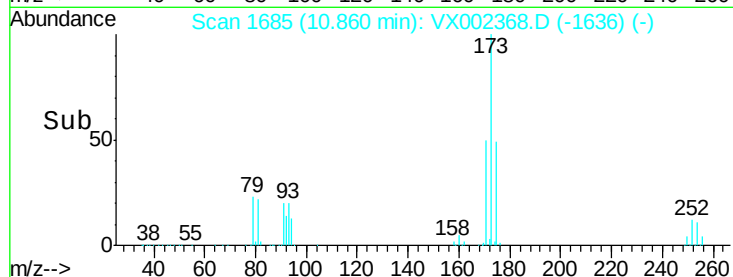
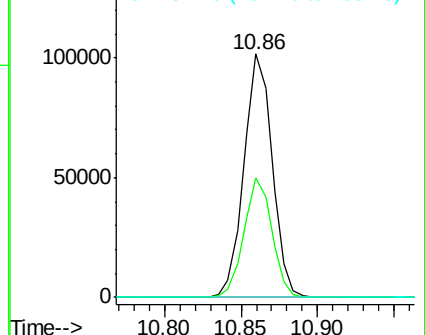
254 0.2 0.2 0.2



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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

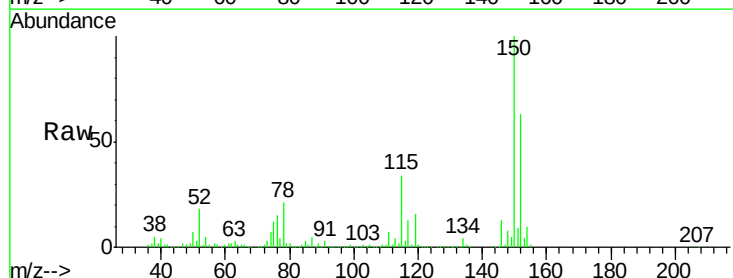
Tgt Ion:152 Resp: 245268

Ion Ratio Lower Upper

152 100

115 79.7 40.1 120.2

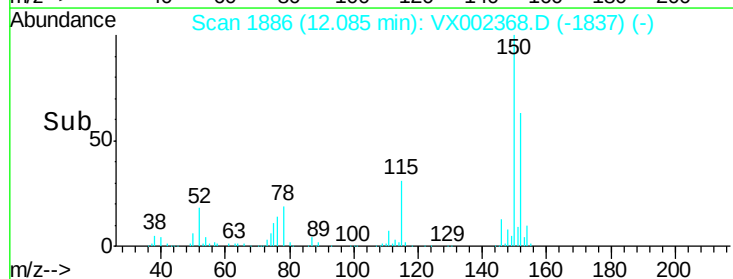
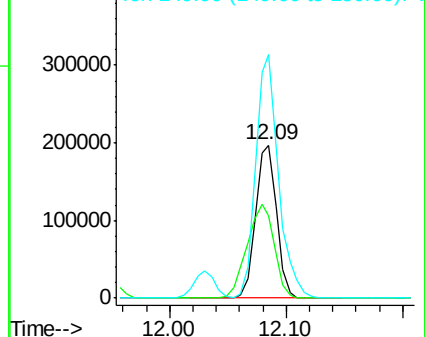
150 173.8 0.0 347.2

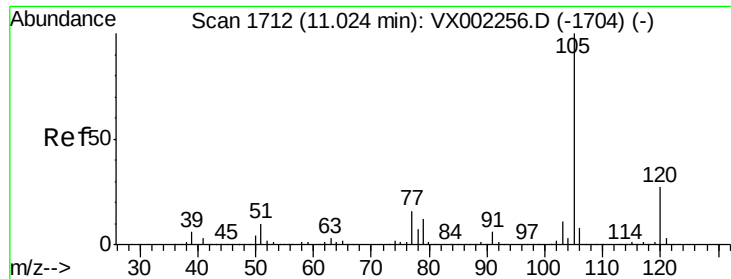


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.276 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

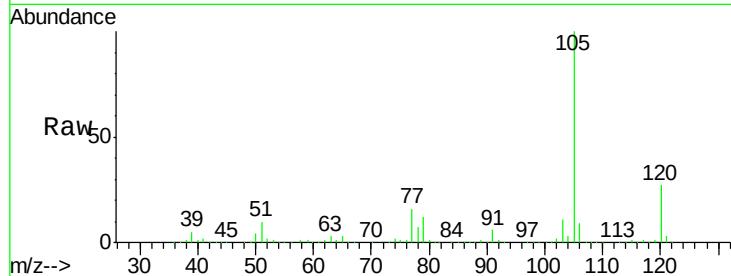
VSTDCCC050

Tot Ion:105 Resp: 823682

Ion Ratio Lower Upper

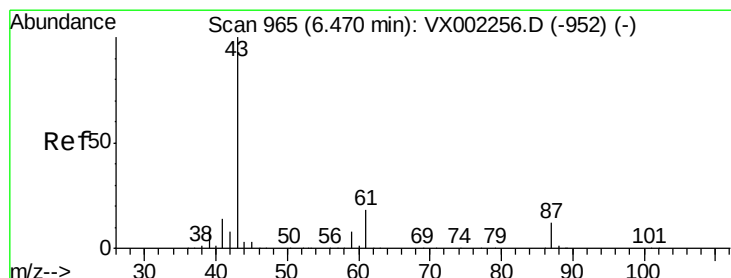
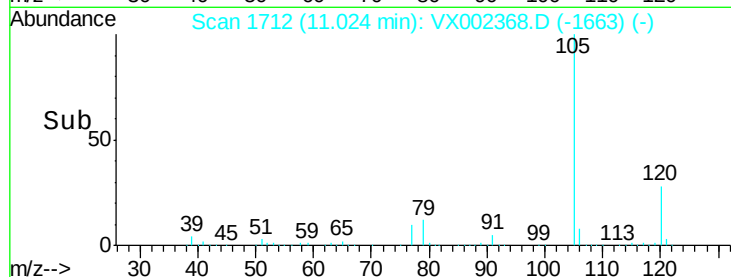
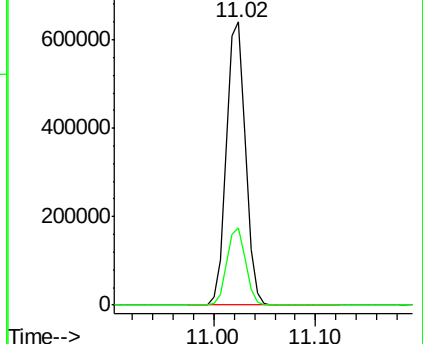
105 100

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: 41.097 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Tgt Ion: 43 Resp: 377830

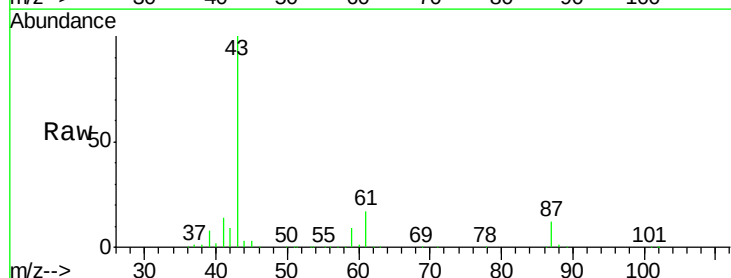
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.1 14.4 21.6

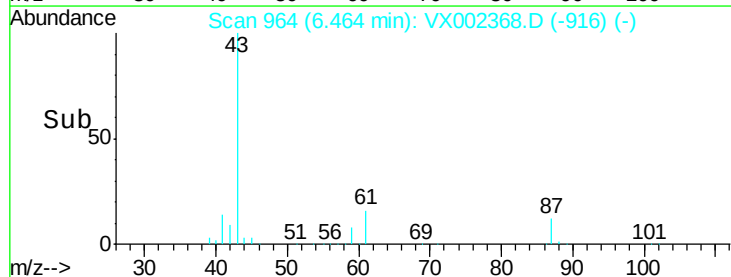
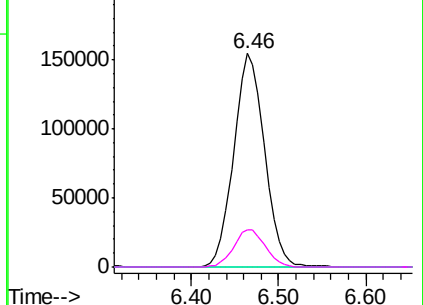


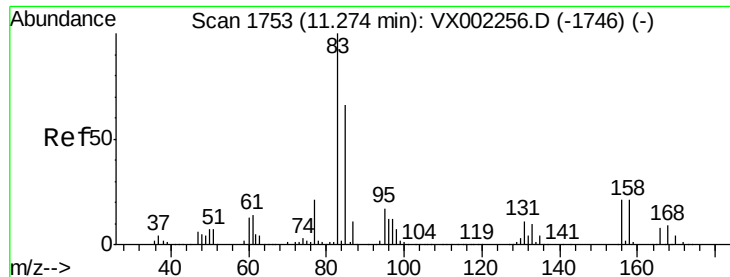
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 43.504 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

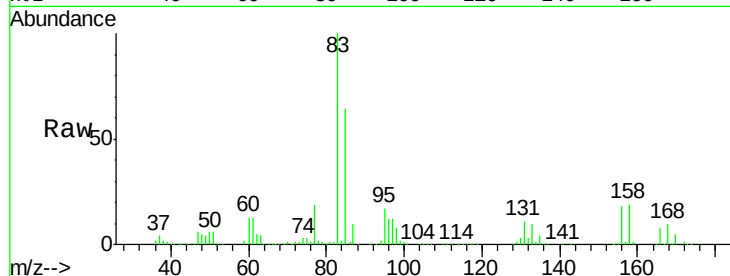
Tot Ion: 83 Resp: 233455

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

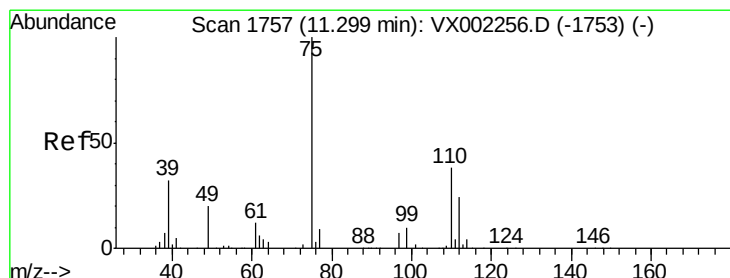
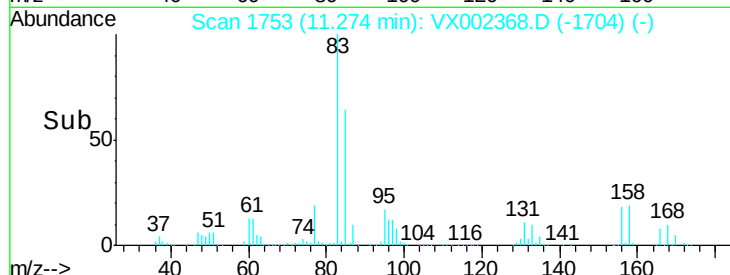
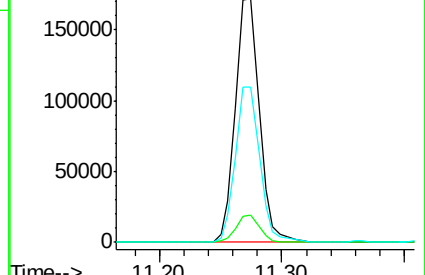
85 64.7 32.4 97.2



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: 51.352 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002368.D

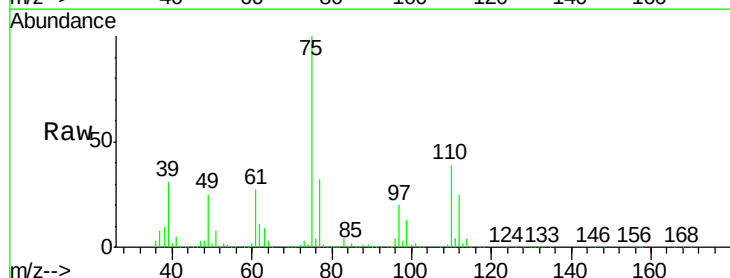
Acq: 07 Jun 2018 09:56

Tgt Ion: 75 Resp: 276367

Ion Ratio Lower Upper

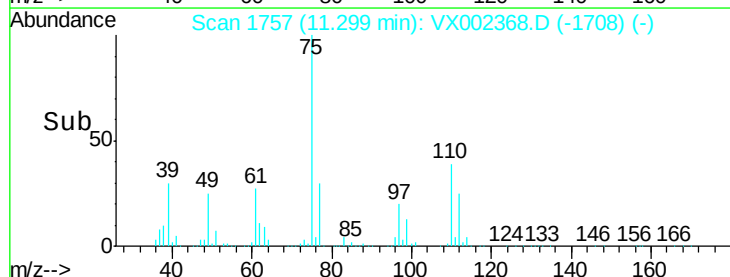
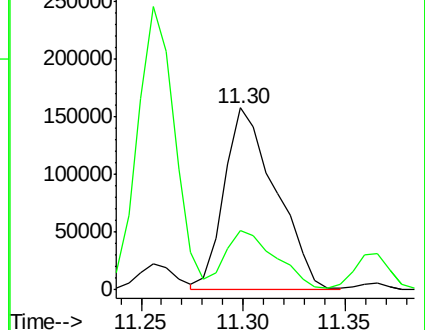
75 100

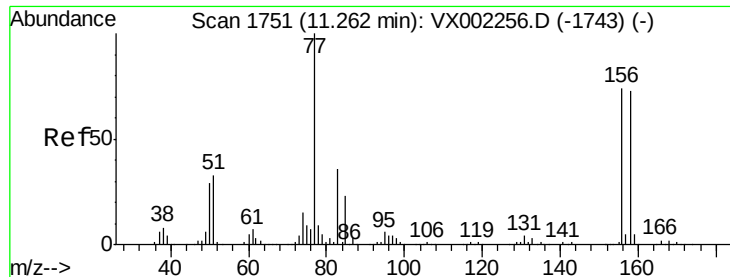
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.383 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

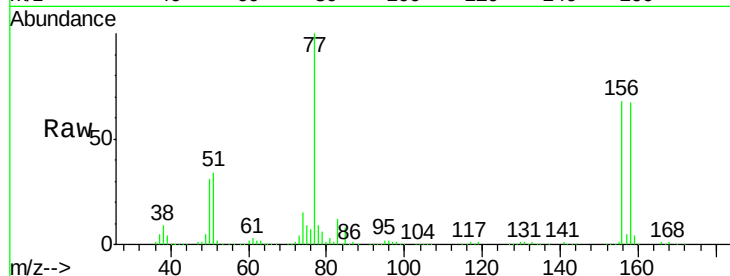
Tot Ion:156 Resp: 222173

Ion Ratio Lower Upper

156 100

77 139.6 71.4 214.2

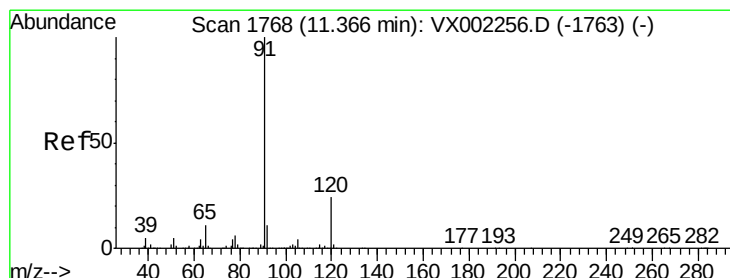
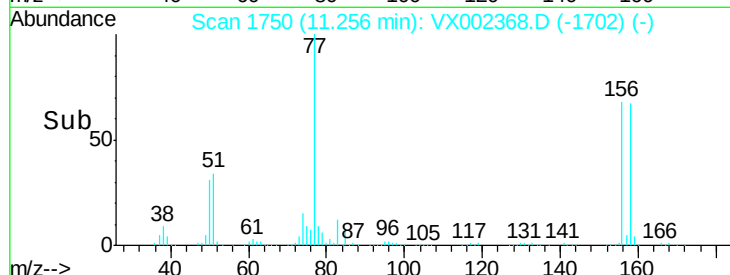
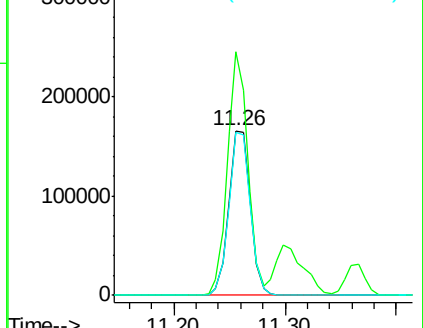
158 98.2 48.9 146.6



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: 50.337 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002368.D

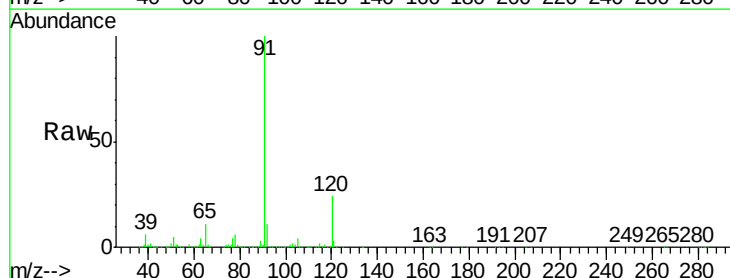
Acq: 07 Jun 2018 09:56

Tgt Ion: 91 Resp: 954596

Ion Ratio Lower Upper

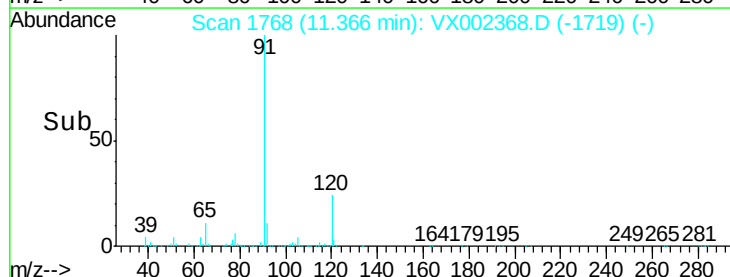
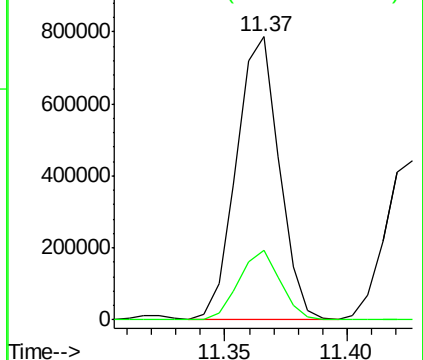
91 100

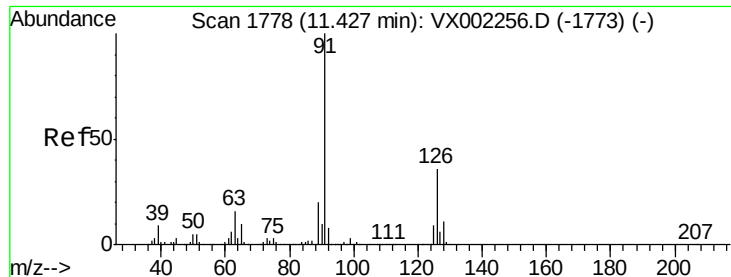
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.581 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

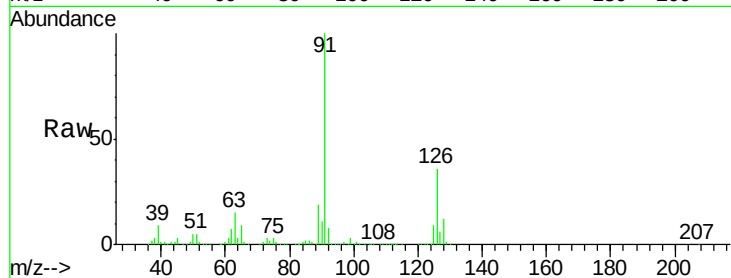
VSTDCCC050

Tot Ion: 91 Resp: 557781

Ion Ratio Lower Upper

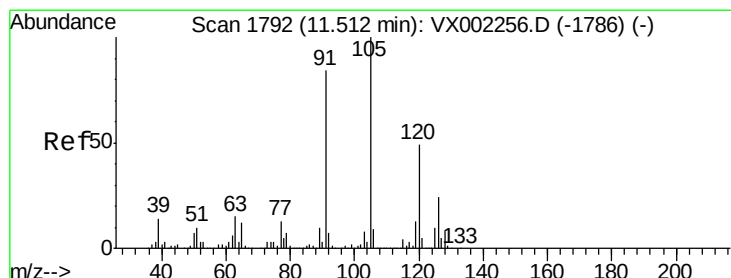
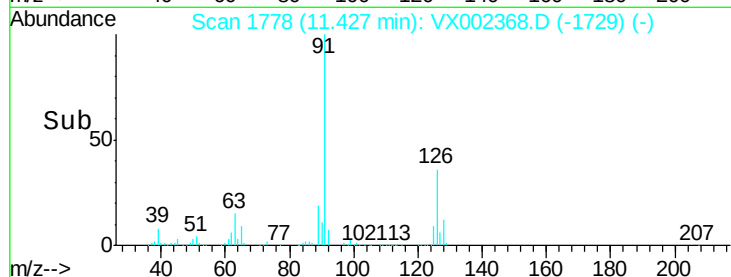
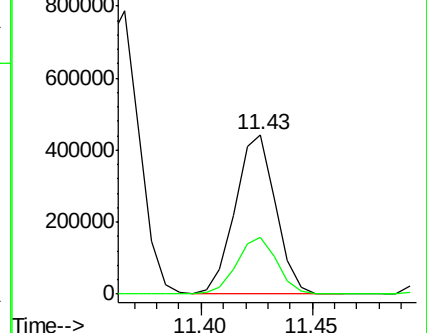
91 100

126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.828 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002368.D

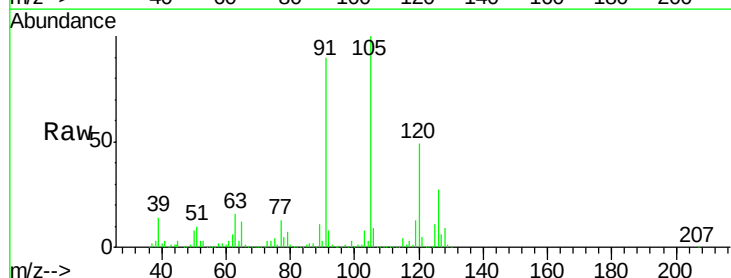
Acq: 07 Jun 2018 09:56

Tgt Ion: 105 Resp: 714571

Ion Ratio Lower Upper

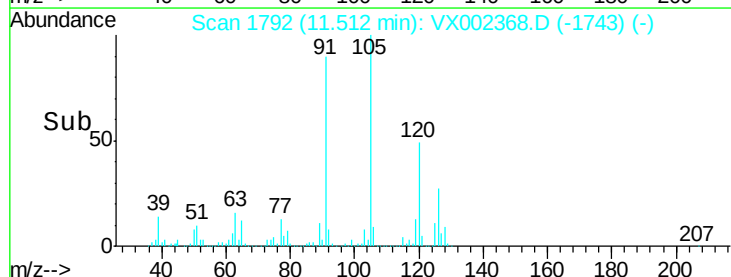
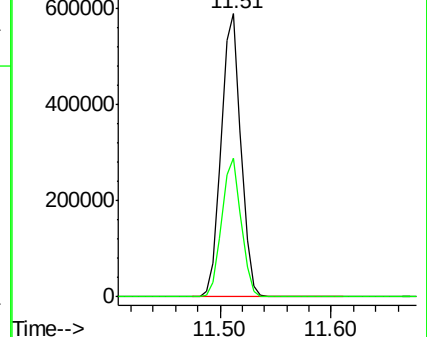
105 100

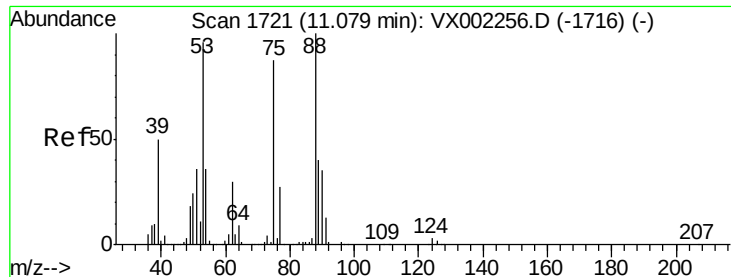
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

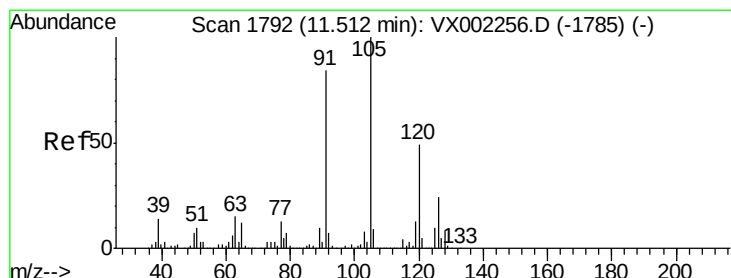
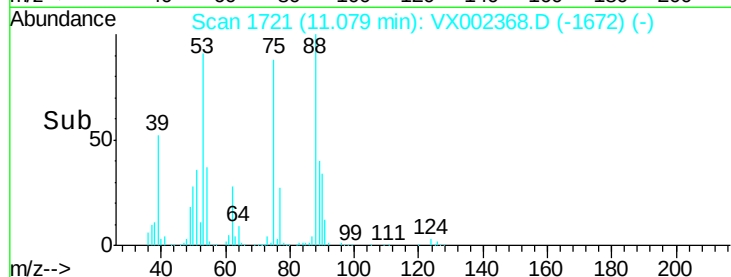
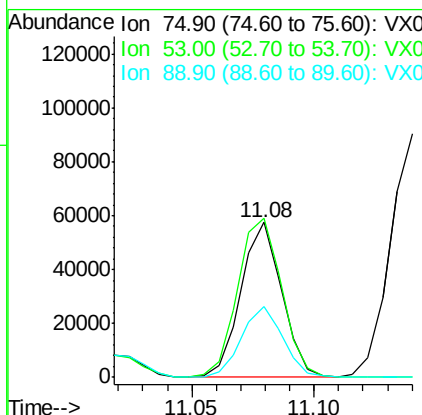
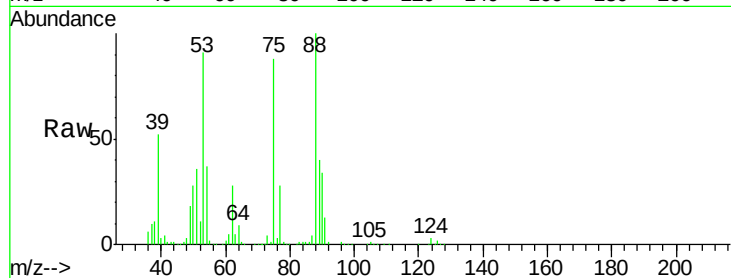




#81
trans-1,4-Dichloro-2-butene
Concen: 43.447 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

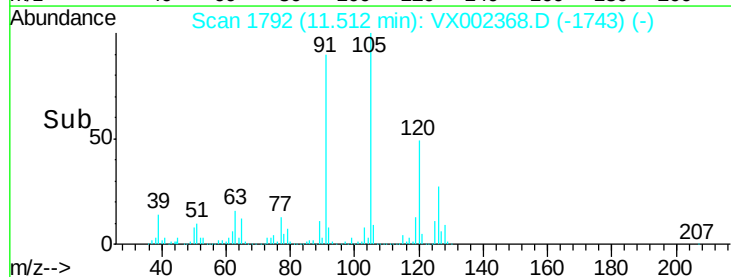
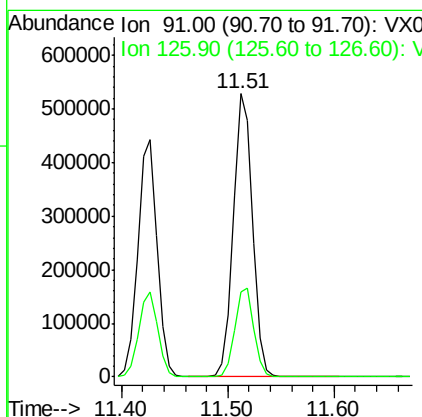
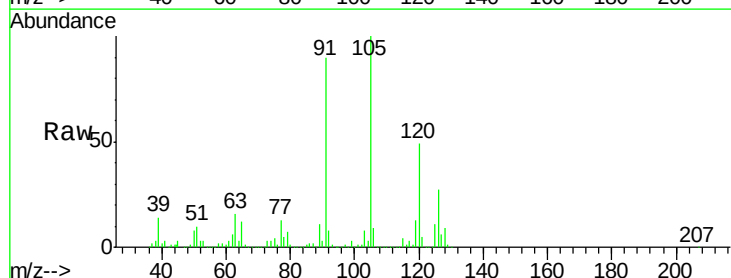
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

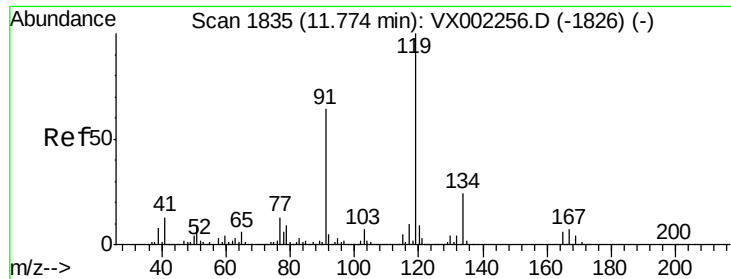
Tot Ion: 75 Resp: 66705
Ion Ratio Lower Upper
75 100
53 110.4 86.8 130.2
89 47.0 38.2 57.2



#82
4-Chlorotoluene
Concen: 48.382 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002368.D
Acq: 07 Jun 2018 09:56

Tgt Ion: 91 Resp: 668710
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.4

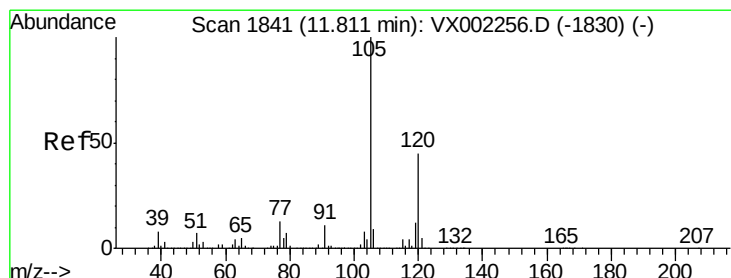
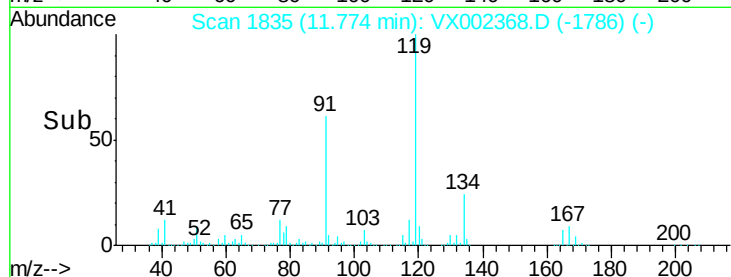
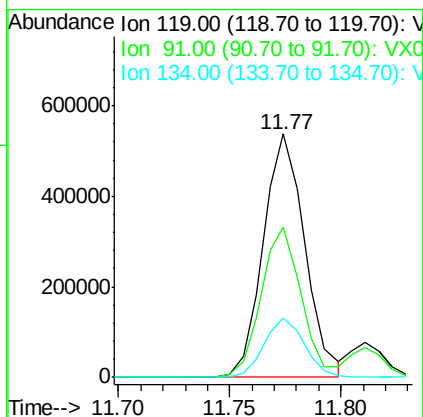
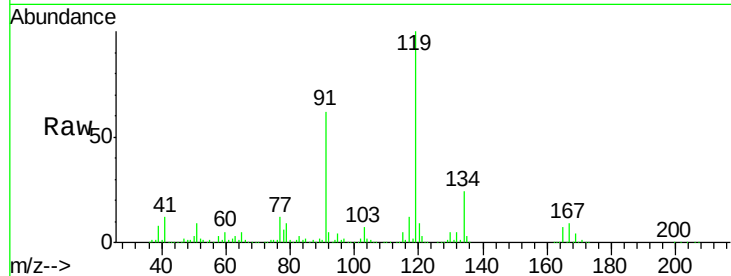




#83
 tert-Butylbenzene
 Concen: 48.851 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

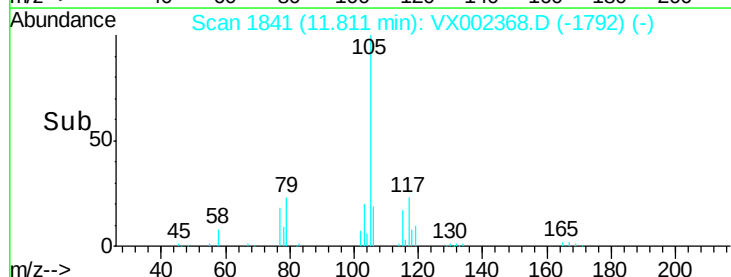
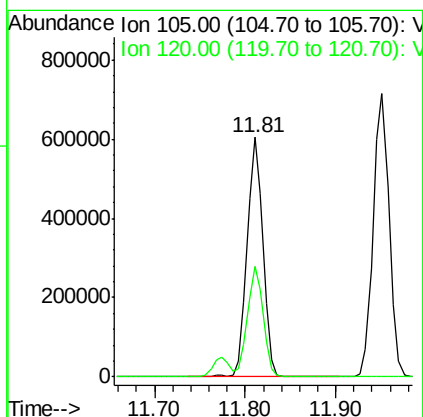
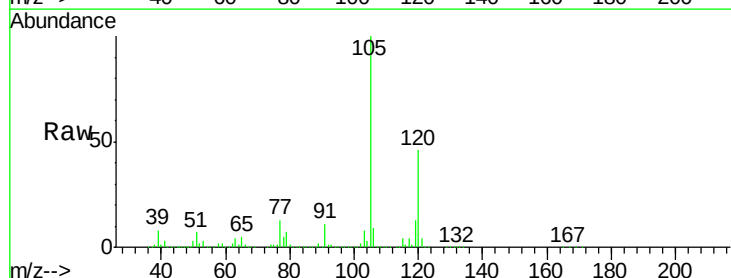
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

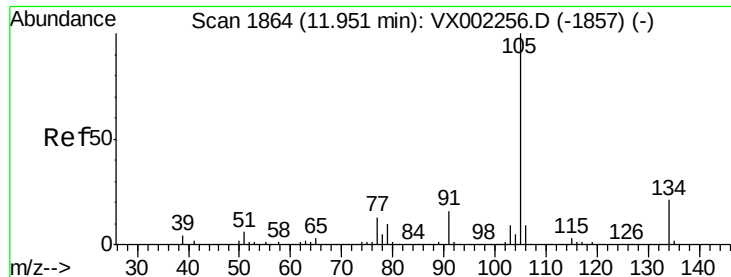
Tot Ion:119 Resp: 696171
 Ion Ratio Lower Upper
 119 100
 91 59.8 30.3 90.9
 134 23.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 48.542 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion:105 Resp: 731267
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.000 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

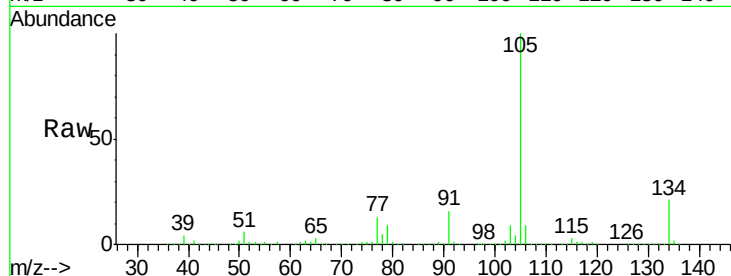
VSTDCCC050

Tot Ion:105 Resp: 868746

Ion Ratio Lower Upper

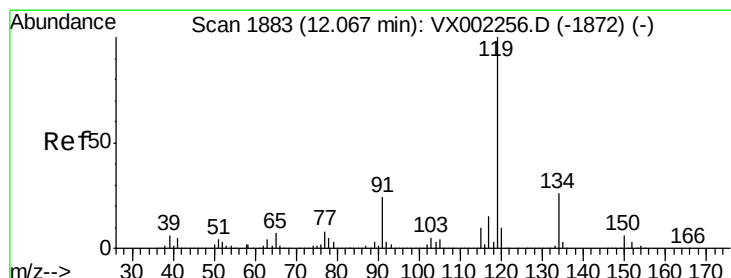
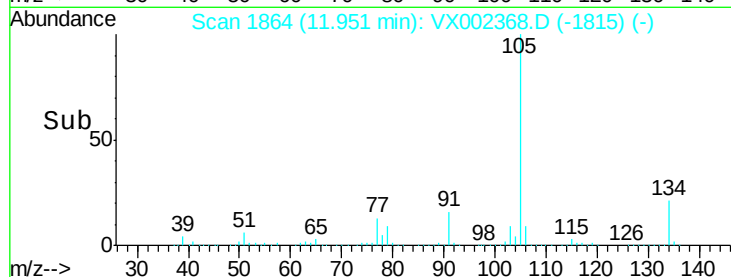
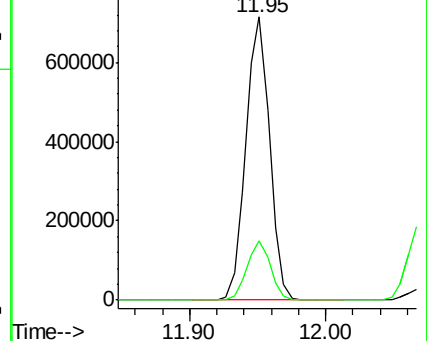
105 100

134 20.8 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: 52.016 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

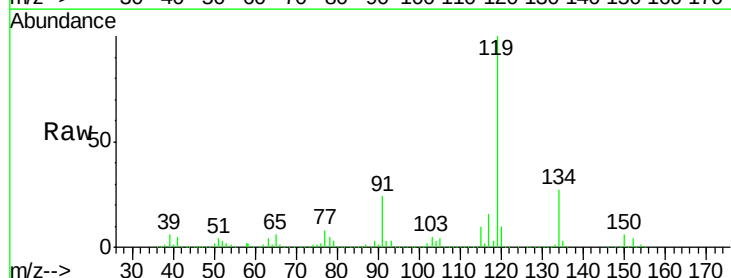
Tgt Ion:119 Resp: 791554

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

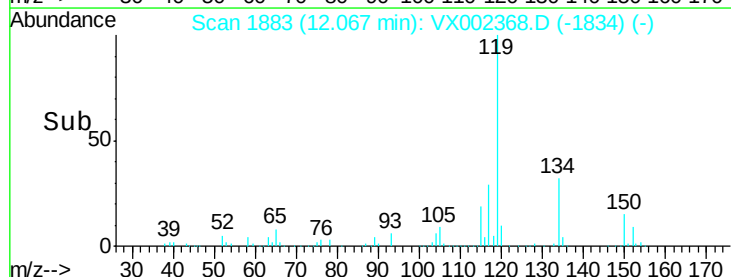
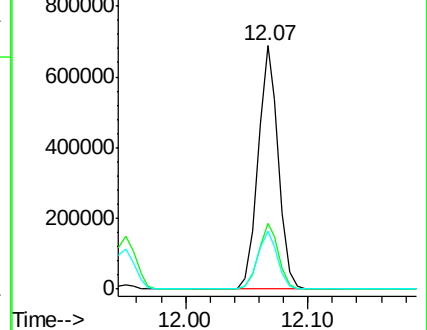
91 23.7 11.9 35.7

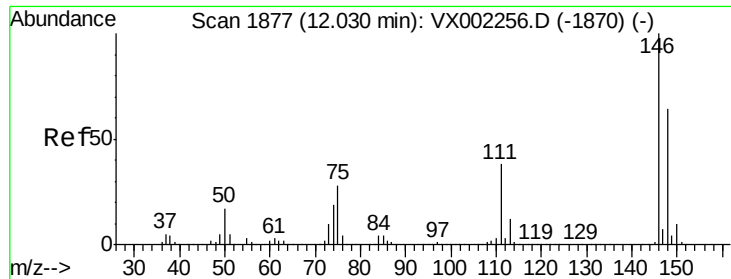


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

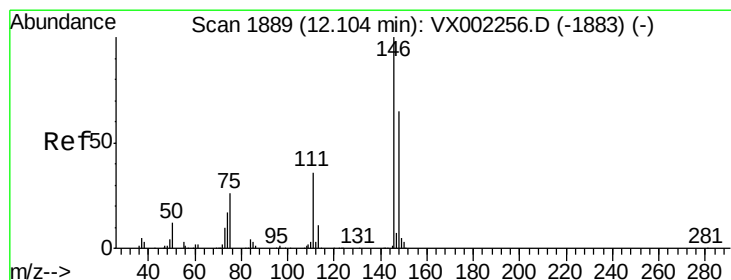
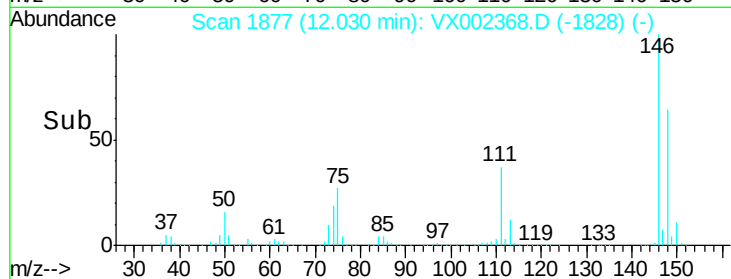
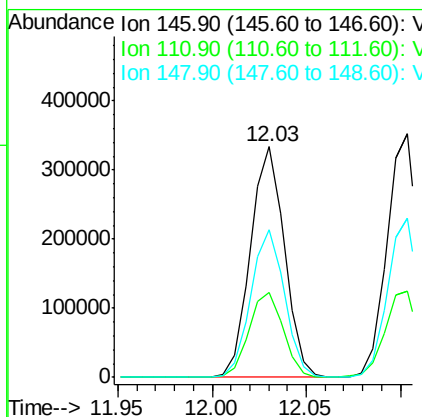
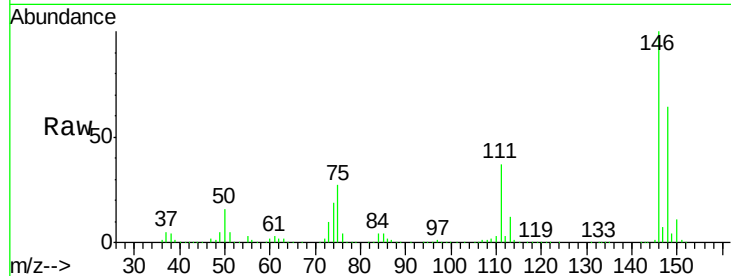




#87
 1,3-Dichlorobenzene
 Concen: 48.708 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

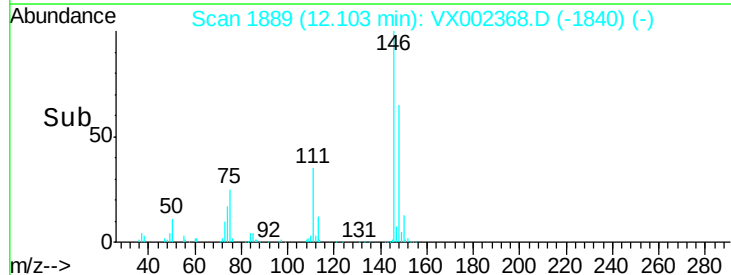
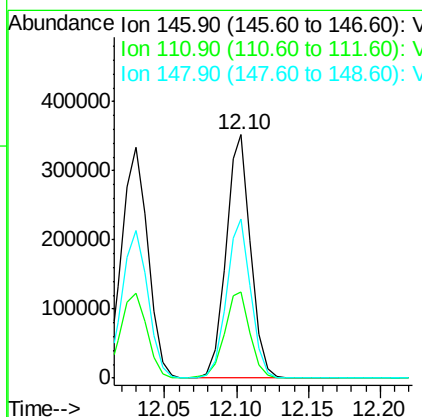
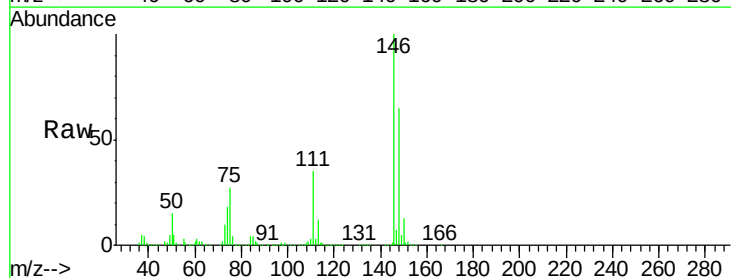
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

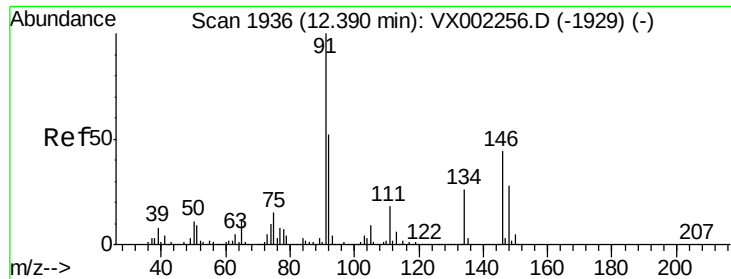
Tot Ion:146 Resp: 417165
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 63.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.731 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion:146 Resp: 421362
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.7 56.1
 148 64.8 32.4 97.0





#89

n-Butylbenzene

Concen: 54.389 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

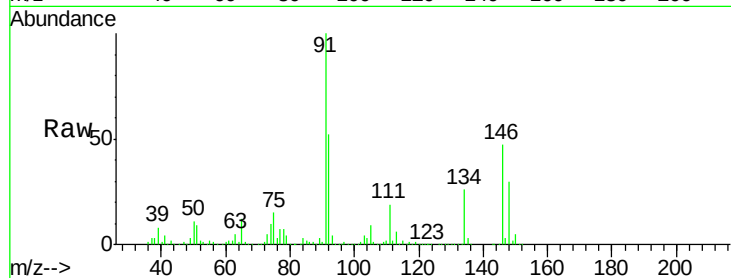
Tot Ion: 91 Resp: 694154

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

134 27.3 13.5 40.5

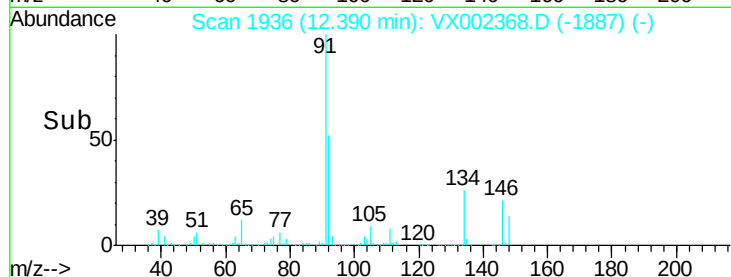


Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002256.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002256.D (-1929) (-)

Time-->

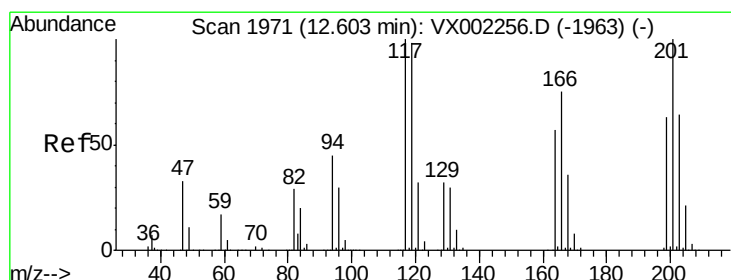


Abundance Ion 91.00 (90.70 to 91.70): VX002368.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX002368.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX002368.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 48.536 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002368.D

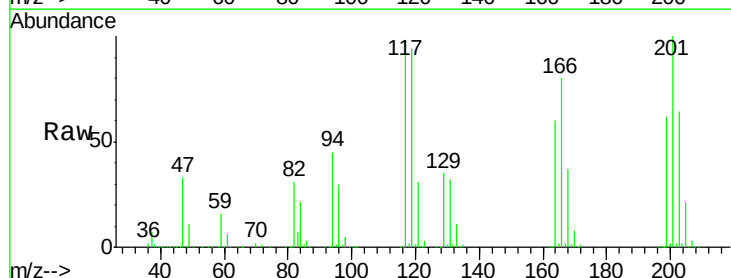
Acq: 07 Jun 2018 09:56

Tgt Ion: 117 Resp: 117903

Ion Ratio Lower Upper

117 100

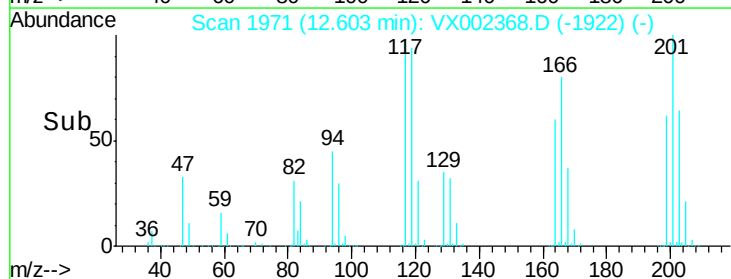
201 96.5 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): VX002256.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX002256.D (-1963) (-)

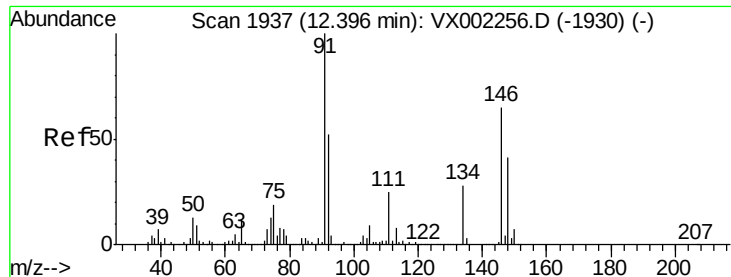
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX002368.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX002368.D (-1922) (-)

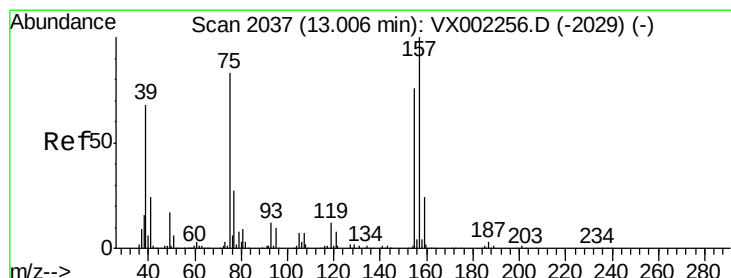
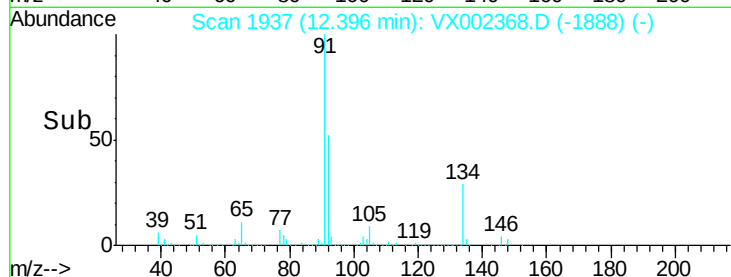
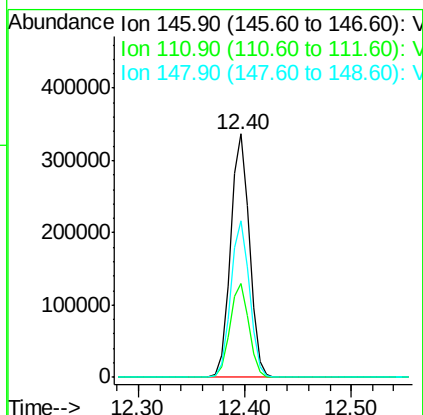
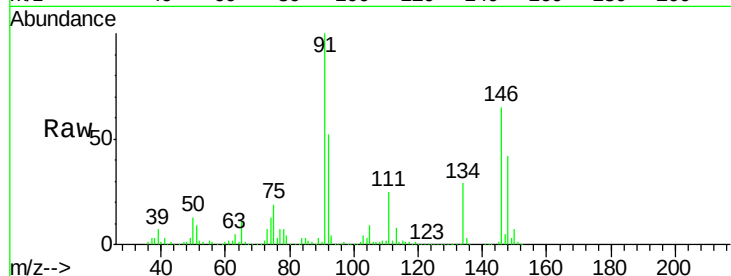
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 47.224 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

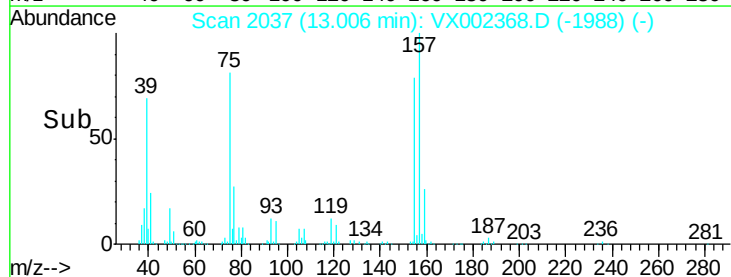
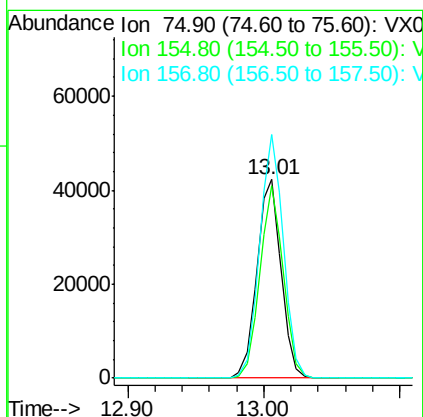
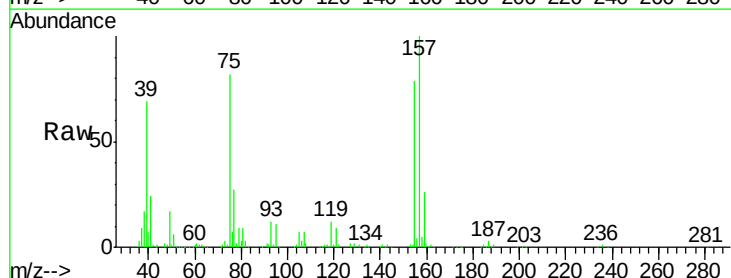
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

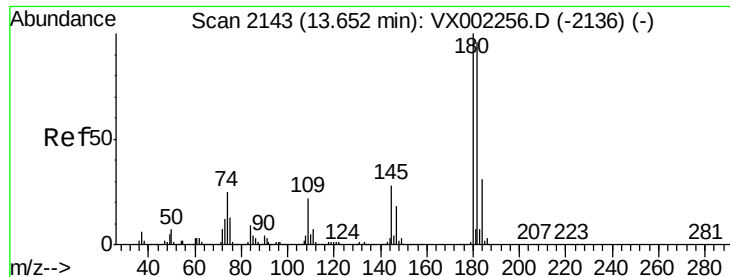
Tot Ion:146 Resp: 418473
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.3 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.121 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion: 75 Resp: 52949
 Ion Ratio Lower Upper
 75 100
 155 93.3 45.8 137.4
 157 120.1 60.1 180.3

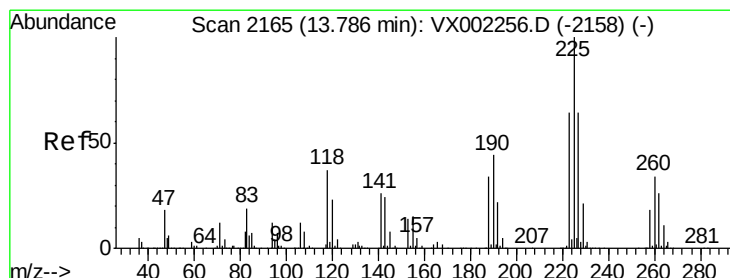
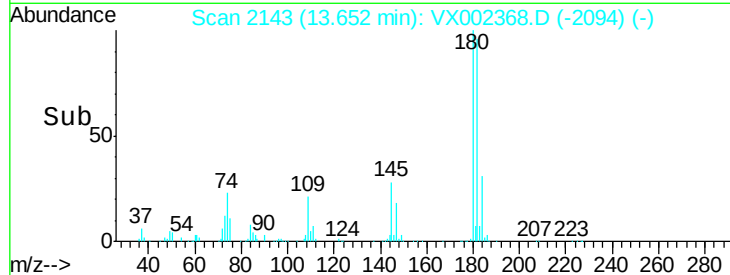
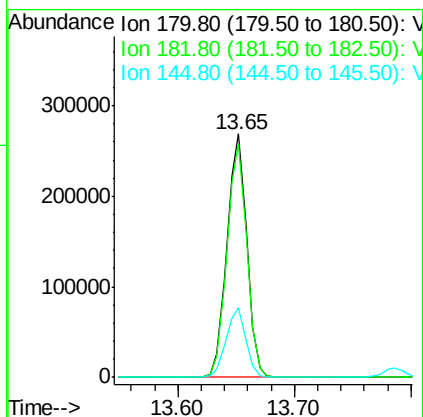
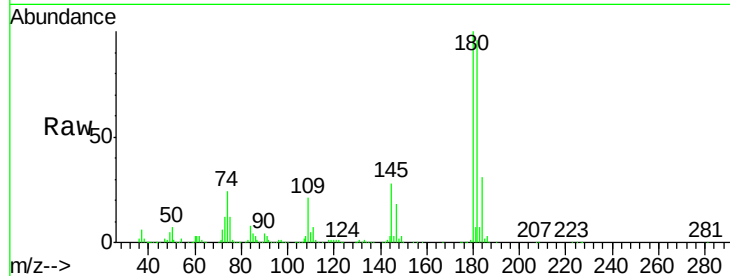




#93
 1,2,4-Trichlorobenzene
 Concen: 50.998 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

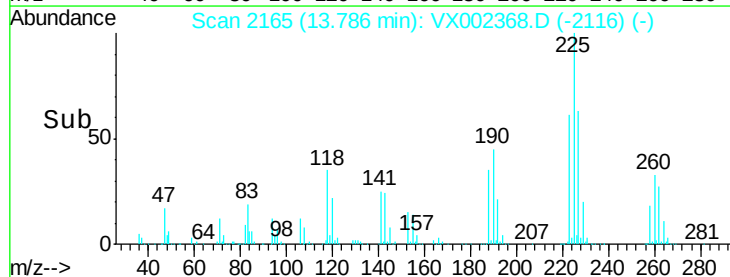
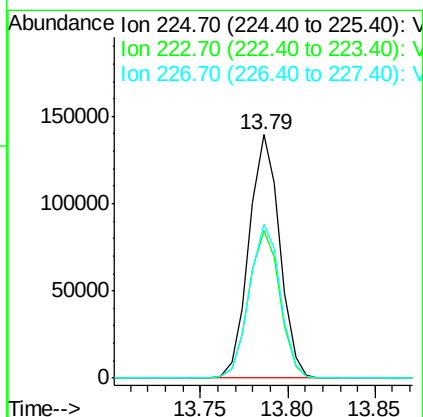
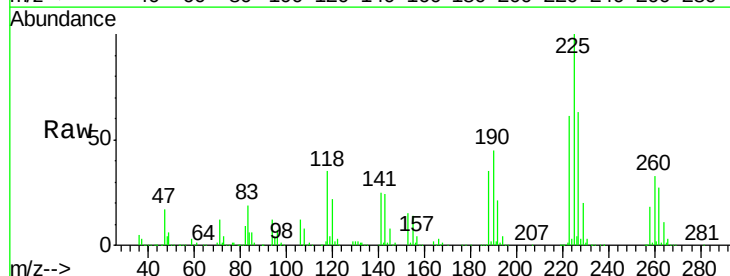
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

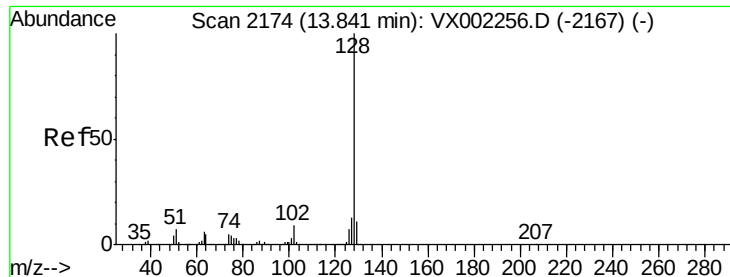
Tot Ion:180 Resp: 316873
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.7 143.1
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 55.422 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002368.D
 Acq: 07 Jun 2018 09:56

Tgt Ion:225 Resp: 170169
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.6 95.0
 227 63.8 32.4 97.2





#95

Naphthalene

Concen: 47.650 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

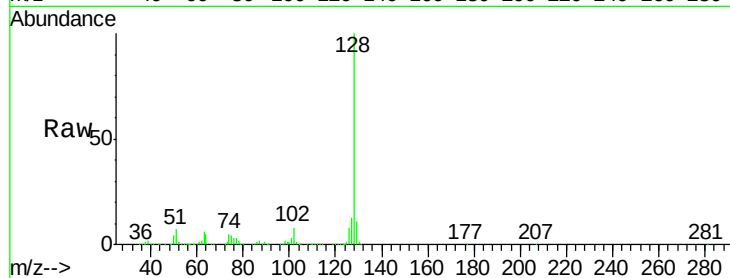
Tot Ion:128 Resp: 850672

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

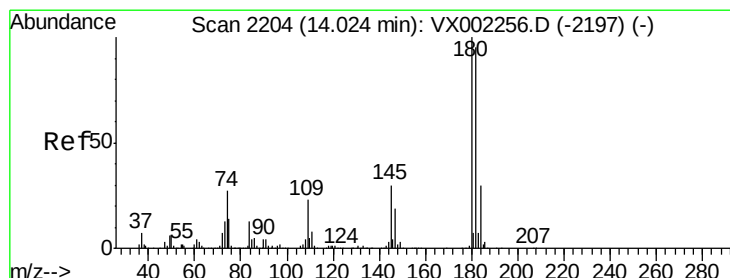
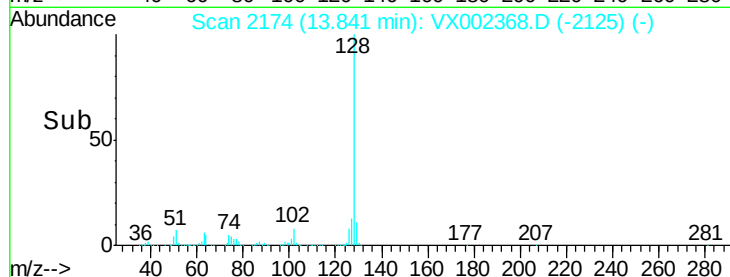
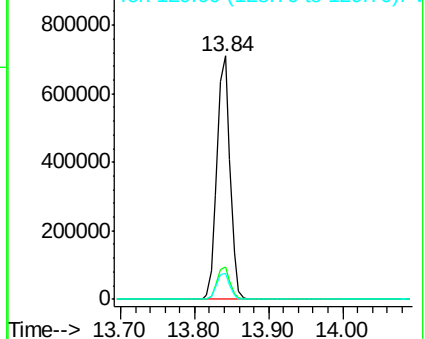
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.556 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002368.D

Acq: 07 Jun 2018 09:56

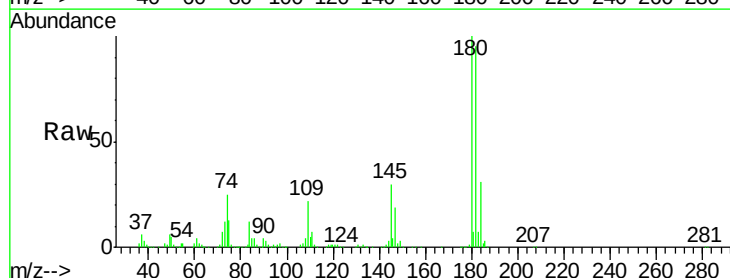
Tgt Ion:180 Resp: 320366

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

145 29.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

