

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002445.D
 Acq On : 11 Jun 2018 16:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 17:02:51 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	207817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	307449	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196023	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	63877	19.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.76%	
35) Dibromofluoromethane	5.51	113	48525	20.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.14%	
50) Toluene-d8	8.72	98	174901	18.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.74%	
62) 4-Bromofluorobenzene	11.14	95	68772	19.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	96173	44.52	ug/l	99
3) Chloromethane	1.32	50	113861	45.75	ug/l	98
4) Vinyl Chloride	1.41	62	127453	46.81	ug/l	100
5) Bromomethane	1.64	94	79380	51.63	ug/l	99
6) Chloroethane	1.72	64	87763	49.83	ug/l	99
7) Trichlorofluoromethane	1.93	101	217371	52.40	ug/l	99
8) Diethyl Ether	2.19	74	87636	59.92	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121943	54.47	ug/l	99
10) Methyl Iodide	2.51	142	129739	41.20	ug/l	99
11) Tert butyl alcohol	3.08	59	177332	294.70	ug/l	99
12) 1,1-Dichloroethene	2.37	96	110147	49.79	ug/l	99
13) Acrolein	2.29	56	76412	259.32	ug/l	99
14) Allyl chloride	2.73	41	236408	49.24	ug/l	98
15) Acrylonitrile	3.15	53	382682	304.68	ug/l	99
16) Acetone	2.45	43	397626	316.18	ug/l	99
17) Carbon Disulfide	2.57	76	256649	44.01	ug/l	99
18) Methyl Acetate	2.78	43	186672	63.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	470080	61.57	ug/l	99
20) Methylene Chloride	2.86	84	137525	59.03	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	121850	49.94	ug/l	96
22) Diisopropyl ether	3.87	45	433558	54.18	ug/l	93
23) Vinyl Acetate	3.83	43	1916881	246.28	ug/l	99
24) 1,1-Dichloroethane	3.70	63	246556	51.96	ug/l	100
25) 2-Butanone	4.71	43	511283	250.92	ug/l	100
26) 2,2-Dichloropropane	4.59	77	169294	45.64	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	130264	49.10	ug/l	94
28) Bromochloromethane	5.03	49	115386	57.72	ug/l	99
29) Tetrahydrofuran	5.17	42	327096	248.98	ug/l	100
30) Chloroform	5.22	83	230773	50.40	ug/l	96
31) Cyclohexane	5.58	56	176483	47.03	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	189901	48.90	ug/l	99
36) 1,1-Dichloropropene	5.81	75	152311	47.12	ug/l	100
37) Ethyl Acetate	4.87	43	200685	51.63	ug/l	100
38) Carbon Tetrachloride	5.79	117	163839	48.45	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182697	45.77	ug/l	99
40) Benzene	6.15	78	482103	48.65	ug/l	100
41) Methacrylonitrile	5.07	41	113449	50.98	ug/l	99
42) 1,2-Dichloroethane	6.20	62	199942	50.78	ug/l	100
43) Isopropyl Acetate	6.47	43	333824	50.56	ug/l	100
44) Trichloroethene	7.21	130	134978	49.07	ug/l	98
45) 1,2-Dichloropropane	7.52	63	132775	49.63	ug/l	99
46) Dibromomethane	7.67	93	90933	50.14	ug/l	99
47) Bromodichloromethane	7.90	83	169184	51.58	ug/l	97
48) Methyl methacrylate	7.78	41	170156	51.31	ug/l	99
49) 1,4-Dioxane	7.76	88	63642	1026.36	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1077254	262.01	ug/l	99
52) Toluene	8.79	92	309721	49.14	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	203054	51.62	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	191256	51.53	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136744	52.75	ug/l	99
56) Ethyl methacrylate	9.18	69	213609	51.61	ug/l	100
57) 1,3-Dichloropropane	9.38	76	225325	51.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	501442	261.76	ug/l	99
59) 2-Hexanone	9.50	43	828860	261.00	ug/l	98
60) Dibromochloromethane	9.59	129	143554	55.05	ug/l	99
61) 1,2-Dibromoethane	9.68	107	142776	52.82	ug/l	100
64) Tetrachloroethene	9.34	164	142647	45.82	ug/l	99
65) Chlorobenzene	10.14	112	364336	48.51	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	139764	51.39	ug/l	99
67) Ethyl Benzene	10.26	91	616298	49.03	ug/l	99
68) m/p-Xylenes	10.36	106	480431	98.32	ug/l	100
69) o-Xylene	10.70	106	237878	48.92	ug/l	100
70) Styrene	10.71	104	403031	50.70	ug/l	99
71) Bromoform	10.86	173	112302	46.38	ug/l	99
73) Isopropylbenzene	11.02	105	639846	46.92	ug/l	100
74) N-amyl acetate	6.47	43	333824	45.43	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	209009	48.73	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	242844	56.46	ug/l	80
77) Bromobenzene	11.26	156	179511	46.89	ug/l	98
78) n-propylbenzene	11.37	91	734004	48.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	437175	45.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	551009	47.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	57920	47.20	ug/l	97
82) 4-Chlorotoluene	11.51	91	520707	47.14	ug/l	99
83) tert-Butylbenzene	11.77	119	546990	48.03	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	569642	47.31	ug/l	99
85) sec-Butylbenzene	11.95	105	659272	49.38	ug/l	100
86) p-Isopropyltoluene	12.07	119	603663	49.63	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	327970	47.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	332919	47.19	ug/l	99
89) n-Butylbenzene	12.39	91	527308	51.70	ug/l	100
90) Hexachloroethane	12.60	117	90849	46.79	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	340409	48.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47750	50.91	ug/l	99

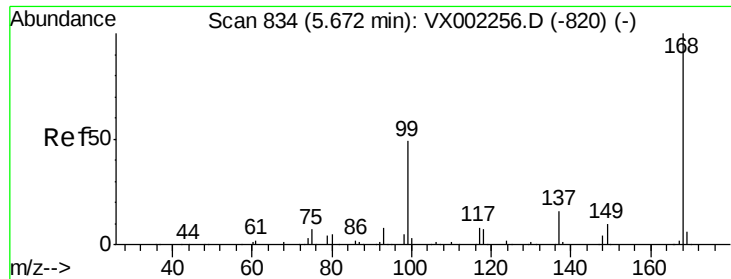
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
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ClientSampleId :
VSTDCCC050EC

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	248020	49.94	ug/l	100
94) Hexachlorobutadiene	13.79	225	131802	53.71	ug/l	98
95) Naphthalene	13.84	128	723010	50.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	254972	50.34	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

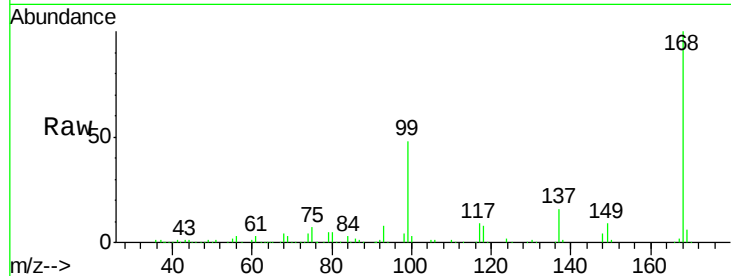
VSTDCCC050EC

Tot Ion:168 Resp: 207817

Ion Ratio Lower Upper

168 100

99 48.2 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

80000

60000

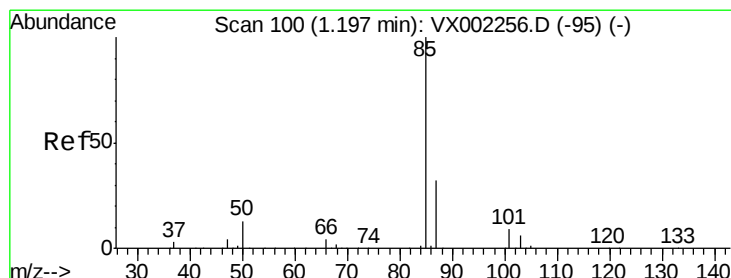
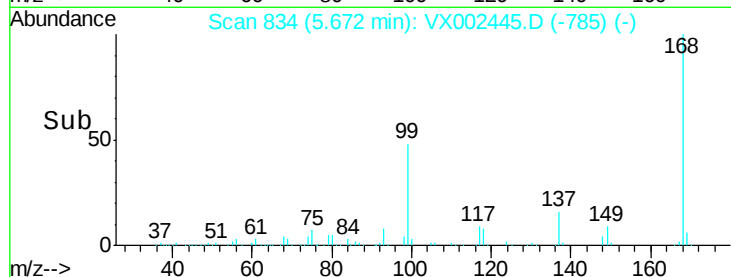
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002445.D

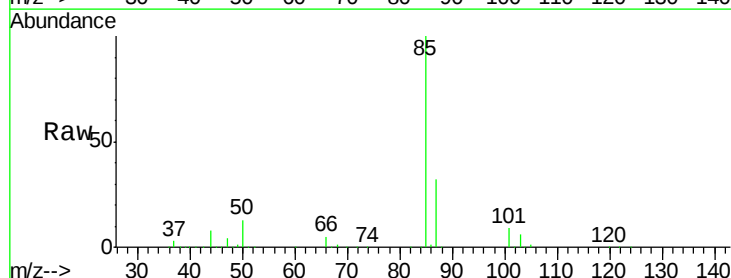
Acq: 11 Jun 2018 16:15

Tgt Ion: 85 Resp: 96173

Ion Ratio Lower Upper

85 100

87 32.5 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

120000

100000

80000

60000

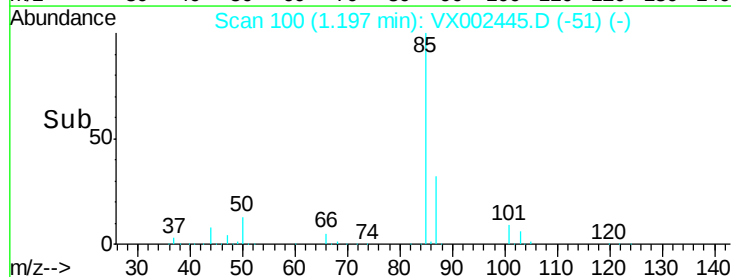
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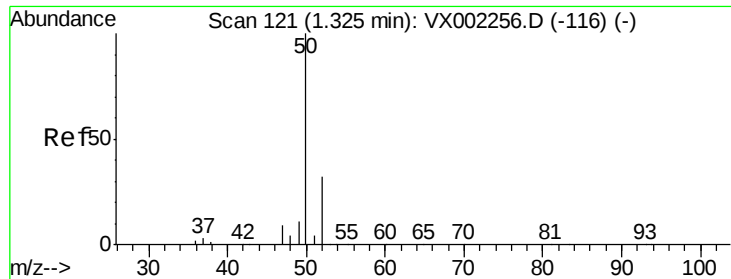
20000

0

1.10 1.20 1.30

Time-->

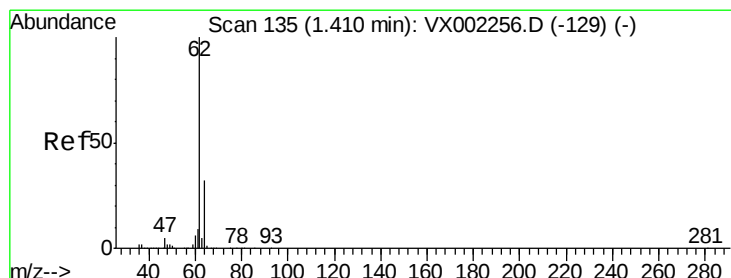
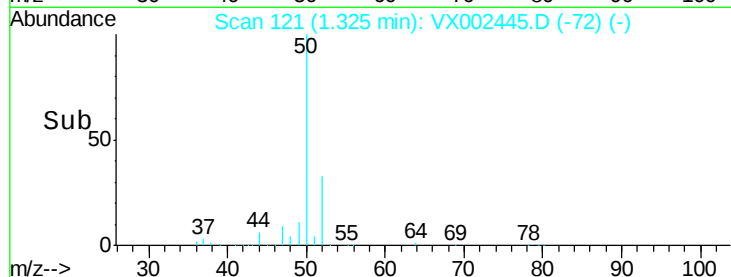
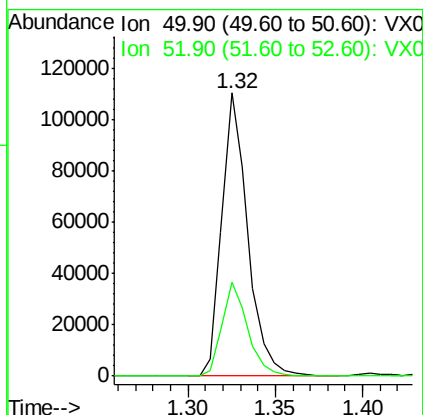
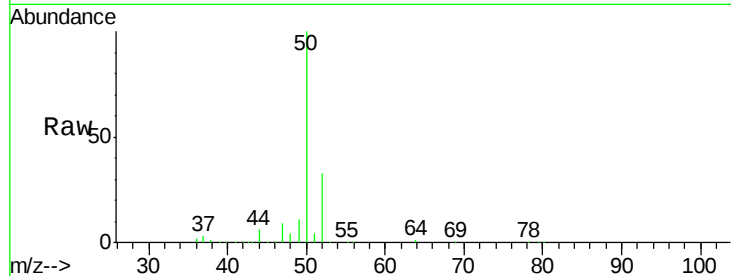




#3
Chloromethane
Concen: 45.75 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

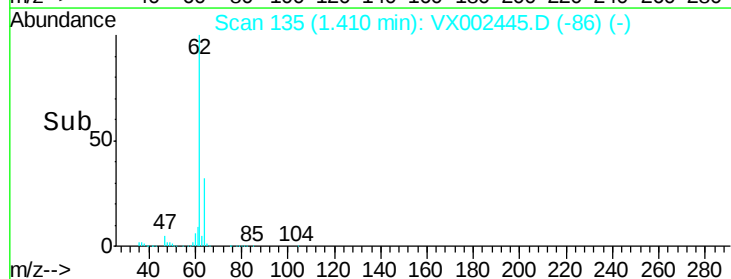
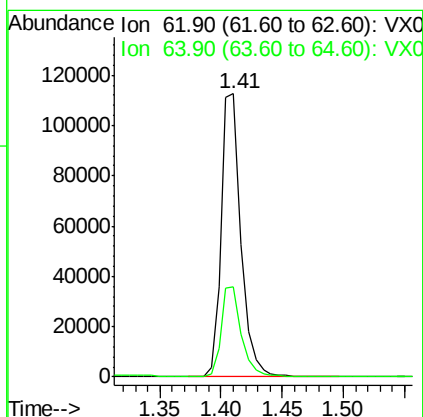
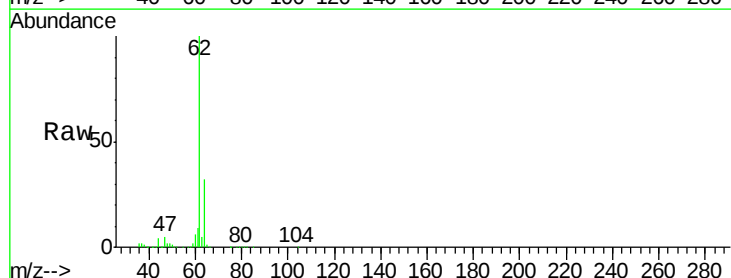
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

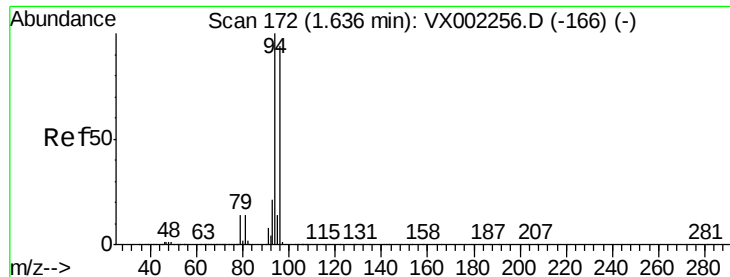
Tot Ion: 50 Resp: 113861
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5



#4
Vinyl Chloride
Concen: 46.81 ug/l
RT: 1.41 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion: 62 Resp: 127453
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2





#5

Bromomethane

Concen: 51.63 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

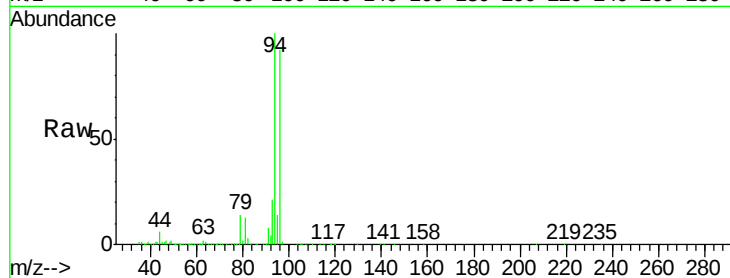
VSTDCCC050EC

Tot Ion: 94 Resp: 79380

Ion Ratio Lower Upper

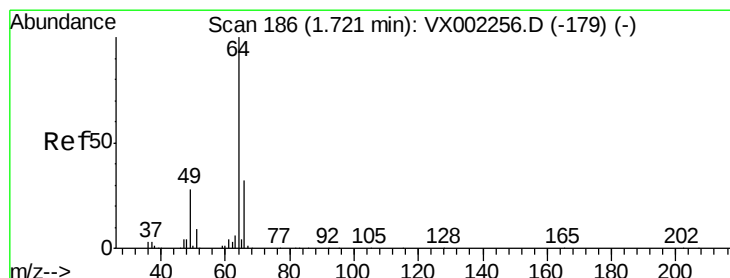
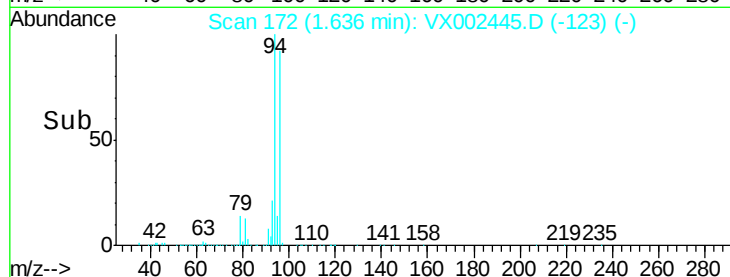
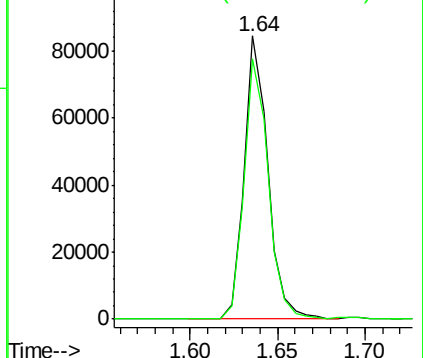
94 100

96 92.2 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: 49.83 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002445.D

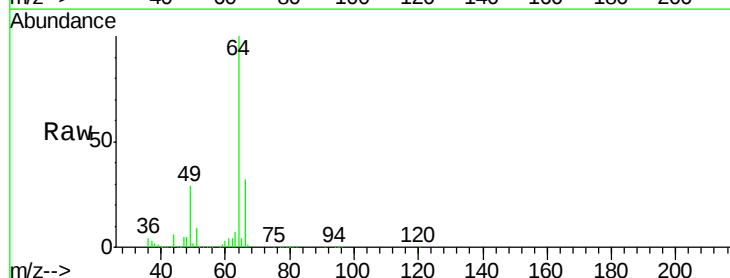
Acq: 11 Jun 2018 16:15

Tgt Ion: 64 Resp: 87763

Ion Ratio Lower Upper

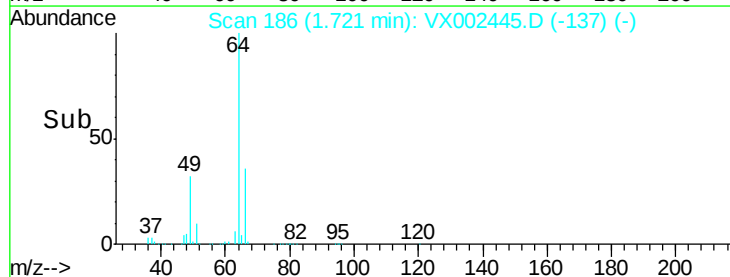
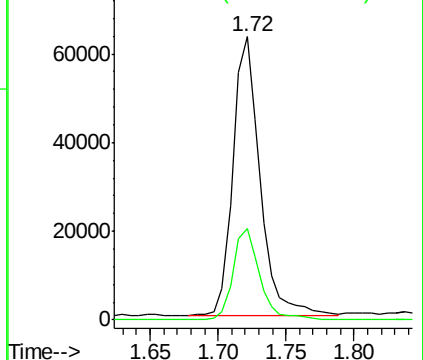
64 100

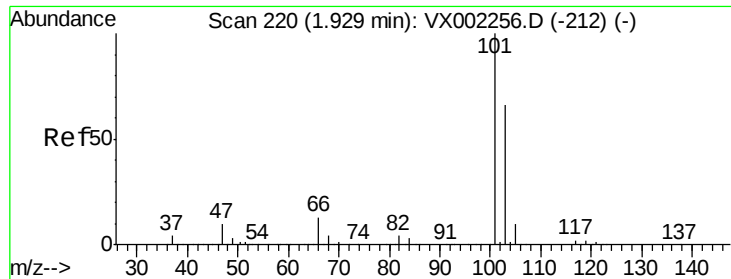
66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



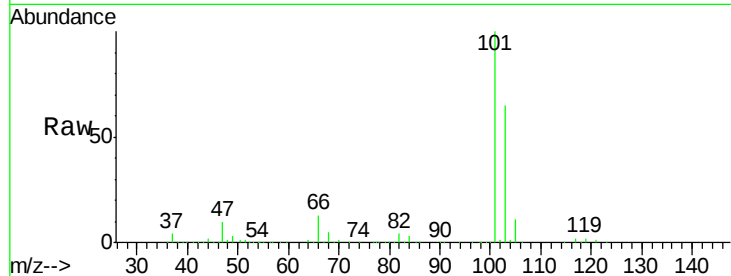


#7

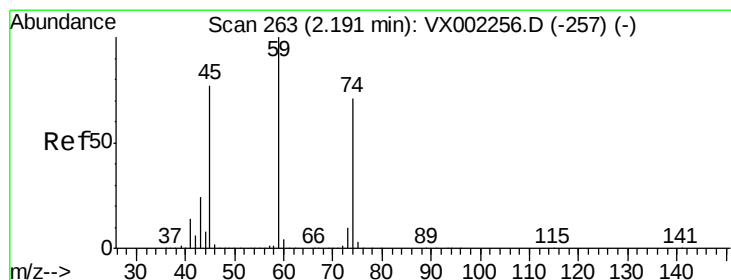
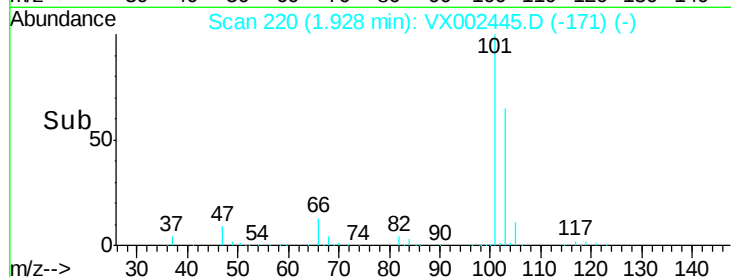
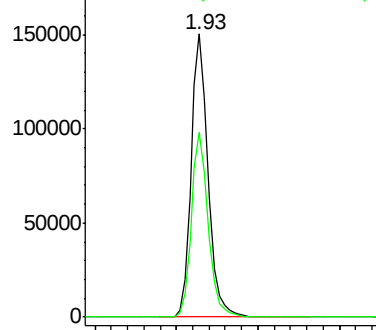
Trichlorofluoromethane
 Concen: 52.40 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 217371
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.8 79.2



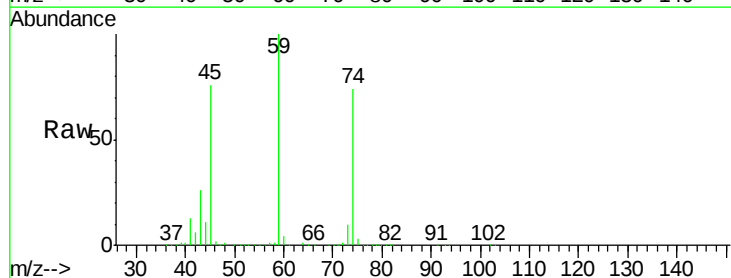
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



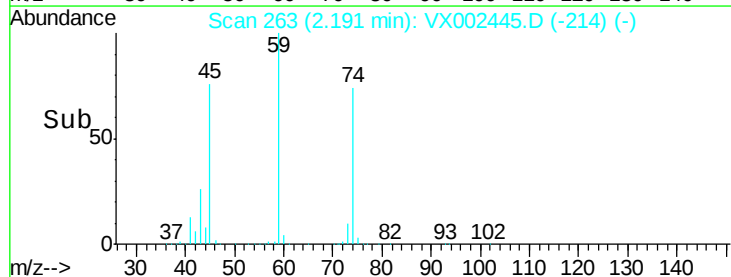
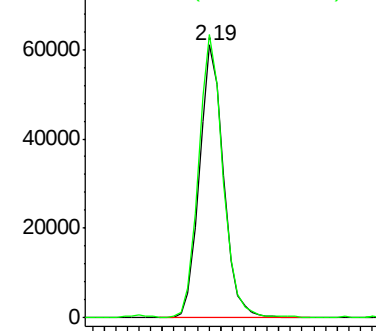
#8

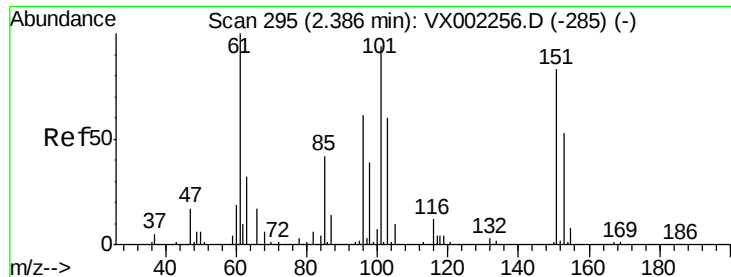
Diethyl Ether
 Concen: 59.92 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion: 74 Resp: 87636
 Ion Ratio Lower Upper
 74 100
 45 103.7 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.47 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

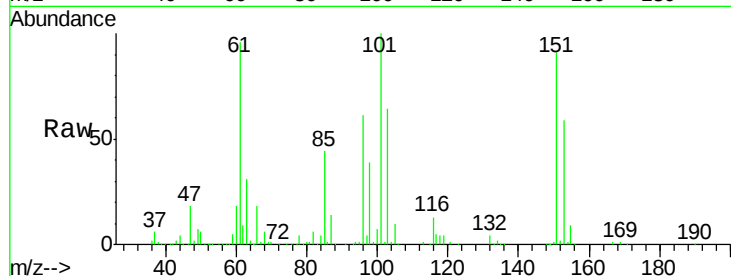
Tot Ion:101 Resp: 121943

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

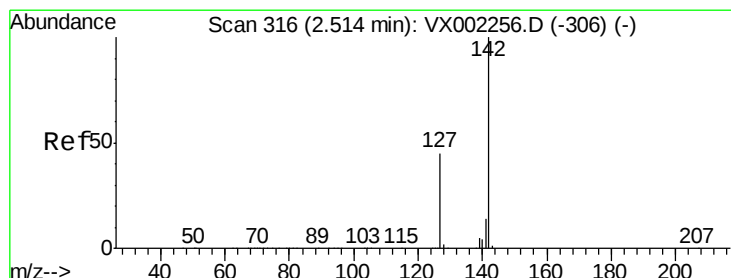
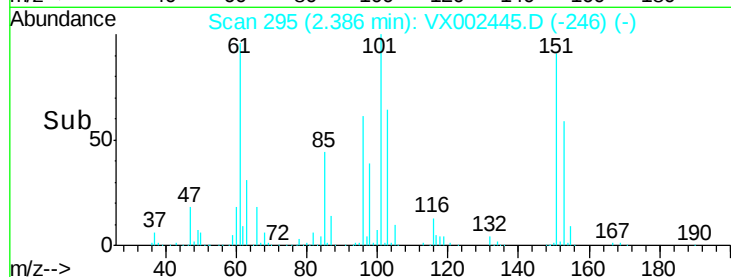
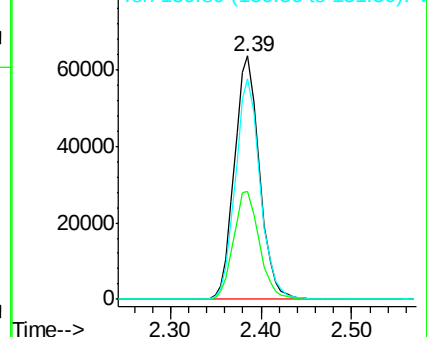
151 90.0 70.9 106.3



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: 41.20 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

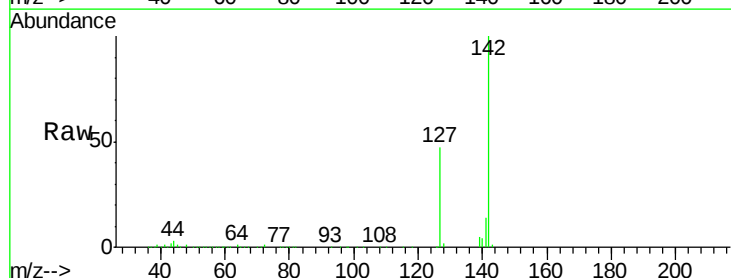
Tgt Ion:142 Resp: 129739

Ion Ratio Lower Upper

142 100

127 46.6 36.6 55.0

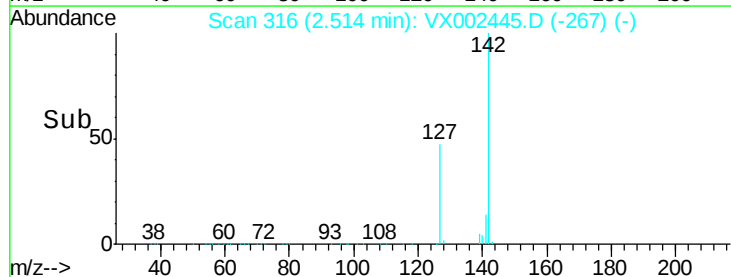
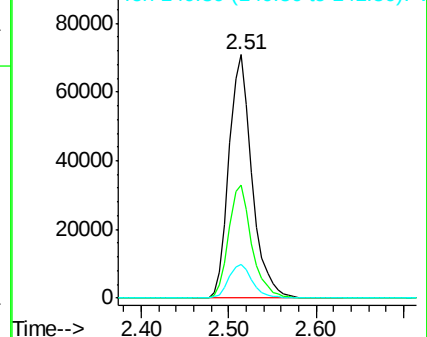
141 14.4 11.3 16.9

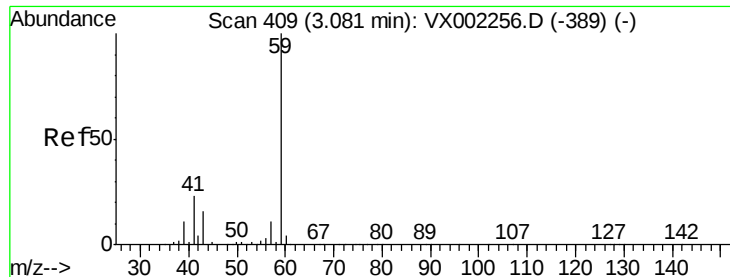


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

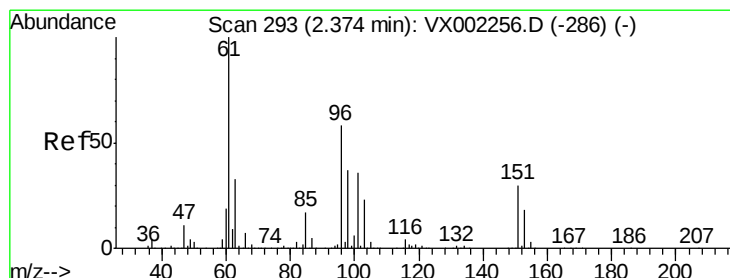
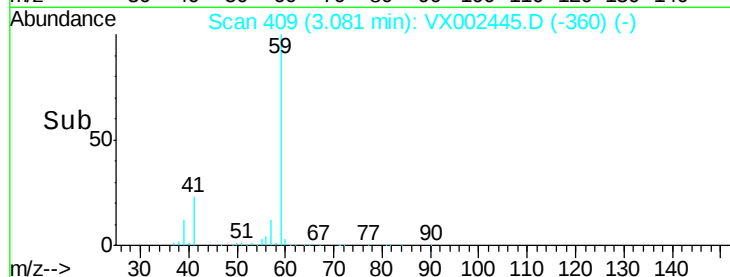
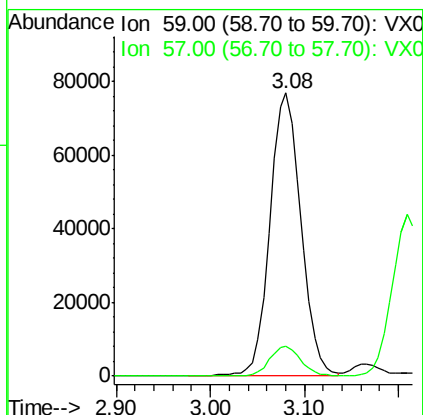
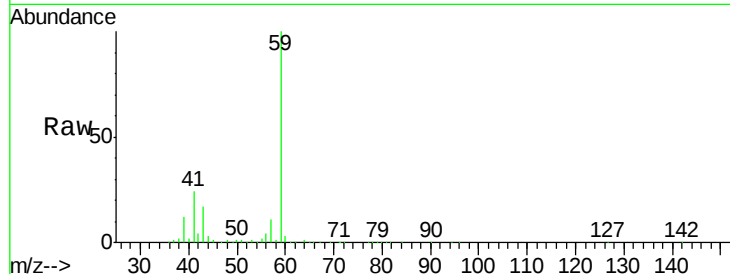




#11
Tert butyl alcohol
Concen: 294.70 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

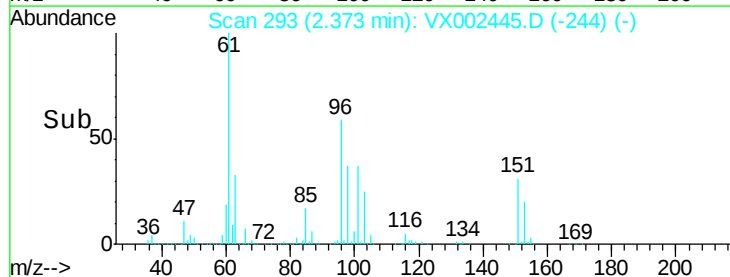
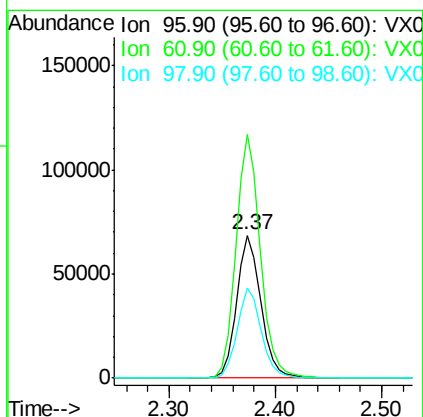
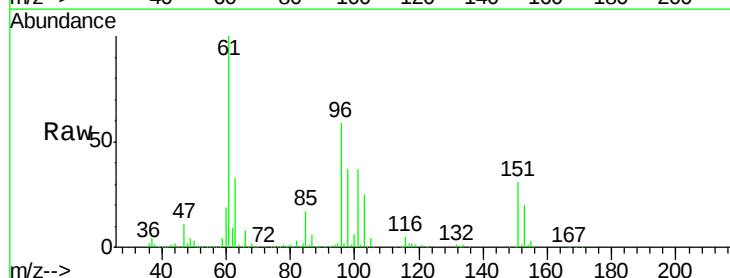
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

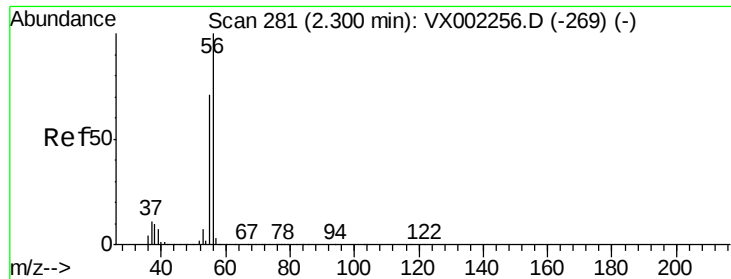
Tot Ion: 59 Resp: 177332
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.79 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion: 96 Resp: 110147
Ion Ratio Lower Upper
96 100
61 170.6 137.9 206.9
98 63.2 51.6 77.4





#13

Acrolein

Concen: 259.32 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

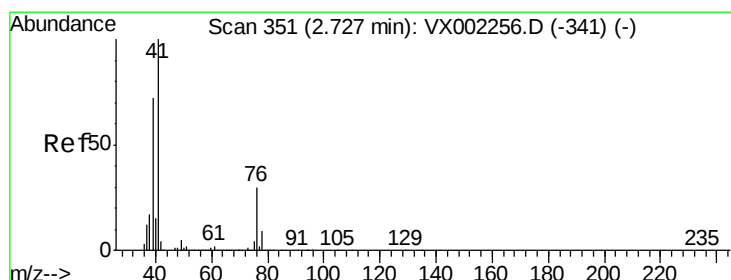
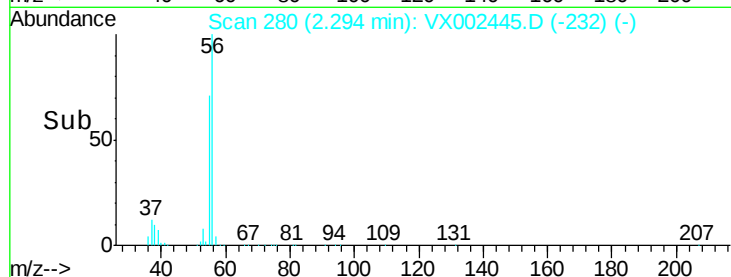
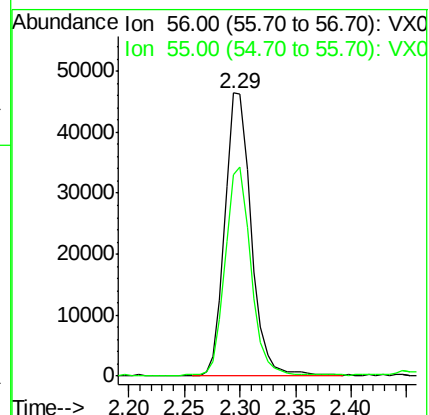
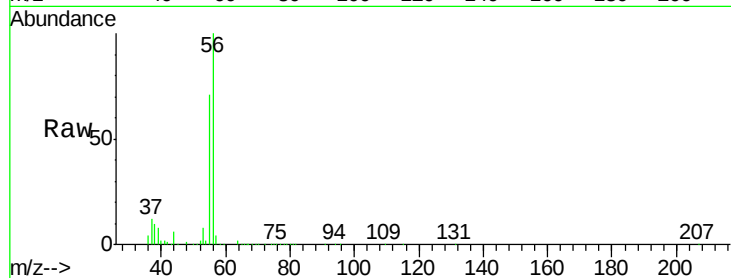
VSTDCCC050EC

Tot Ion: 56 Resp: 76412

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 49.24 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

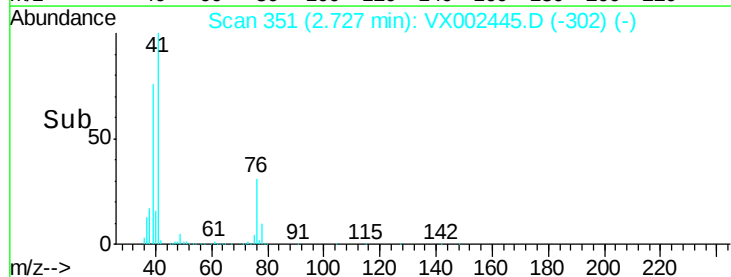
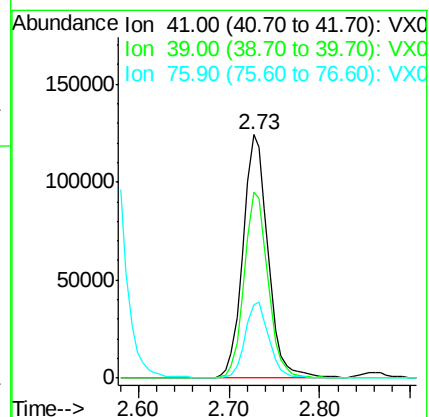
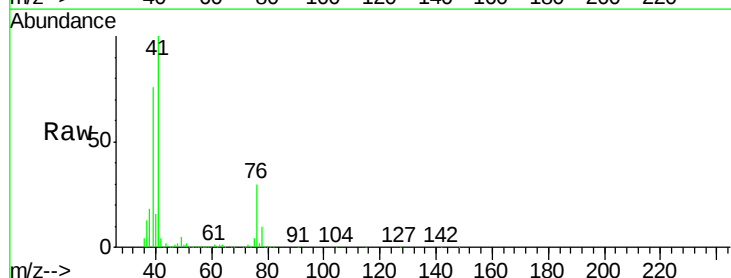
Tgt Ion: 41 Resp: 236408

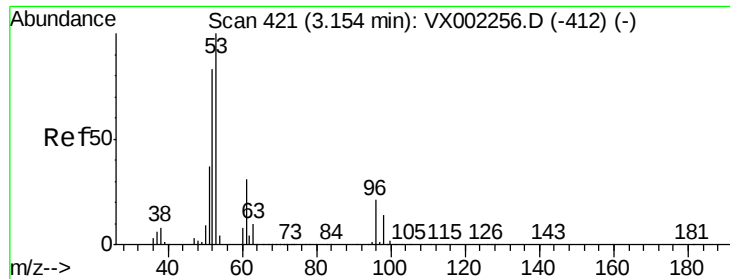
Ion Ratio Lower Upper

41 100

39 72.7 56.8 85.2

76 30.0 23.8 35.8





#15

Acrylonitrile

Concen: 304.68 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

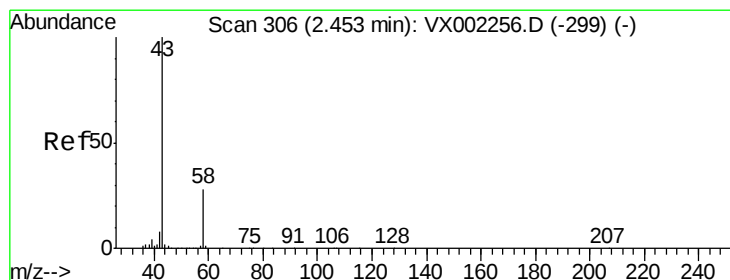
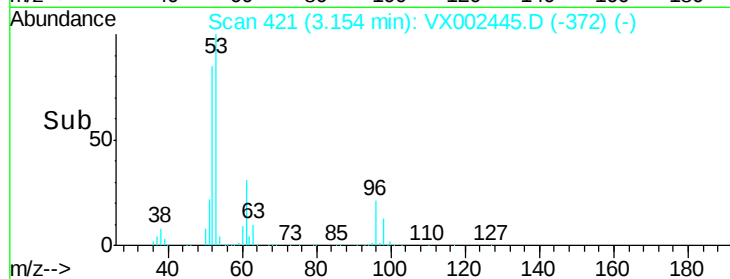
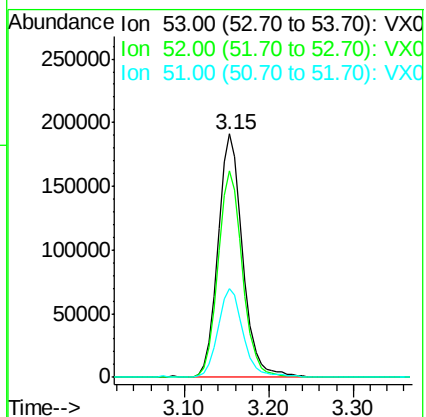
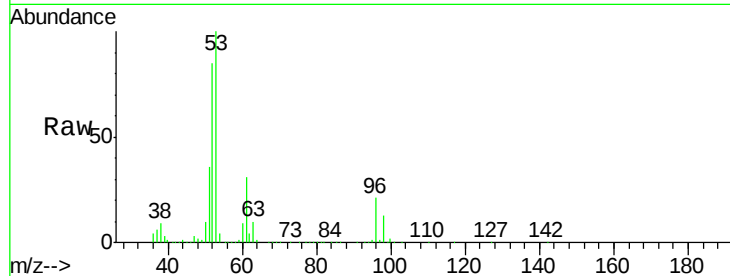
Tot Ion: 53 Resp: 382682

Ion Ratio Lower Upper

53 100

52 84.6 66.7 100.1

51 37.5 29.9 44.9



#16

Acetone

Concen: 316.18 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002445.D

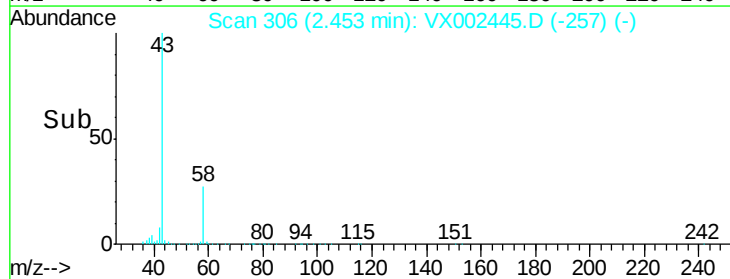
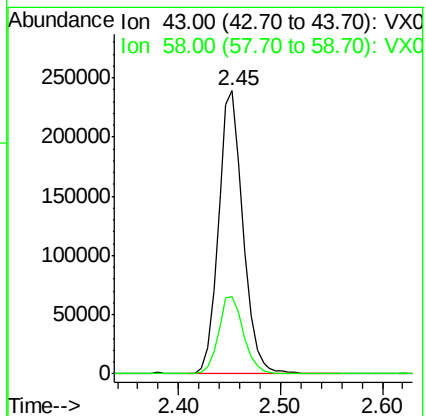
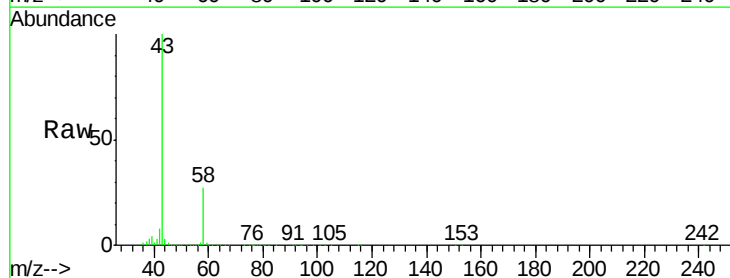
Acq: 11 Jun 2018 16:15

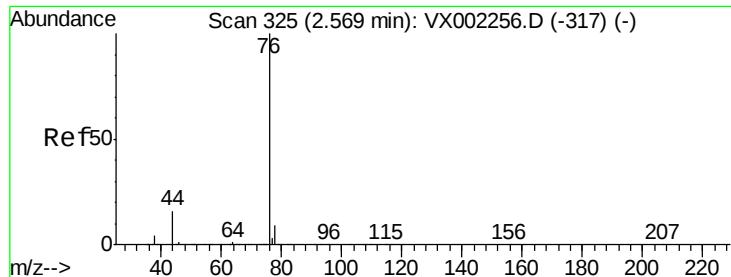
Tgt Ion: 43 Resp: 397626

Ion Ratio Lower Upper

43 100

58 27.2 22.1 33.1

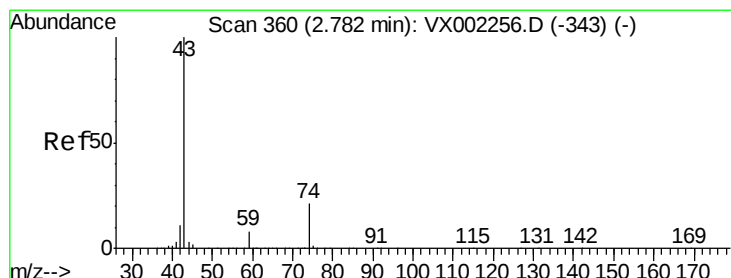
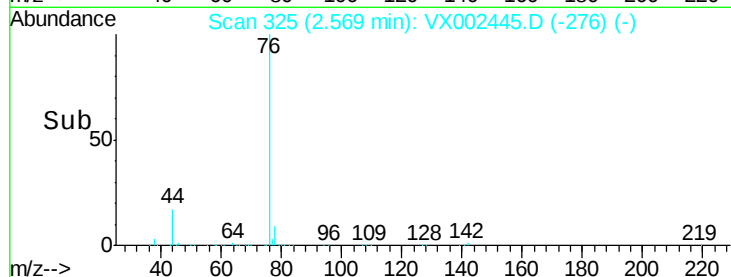
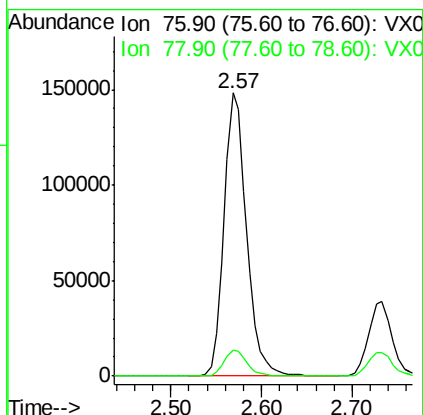
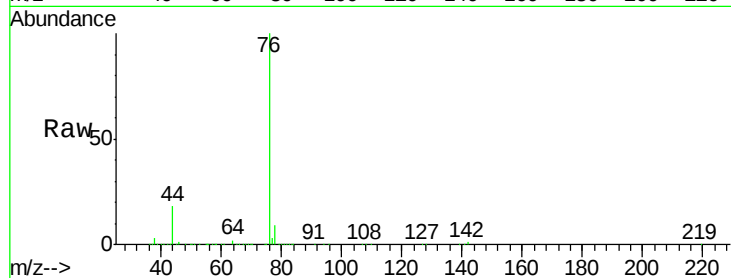




#17
Carbon Disulfide
Concen: 44.01 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

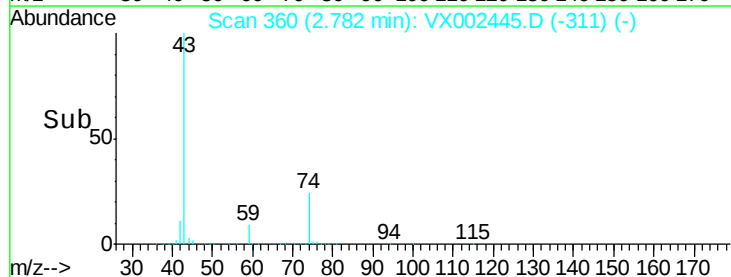
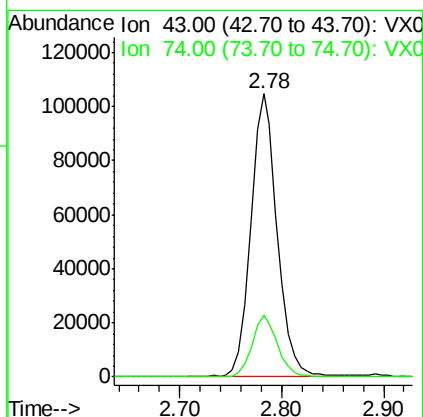
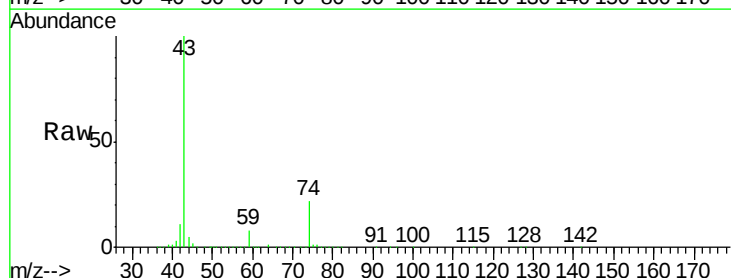
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

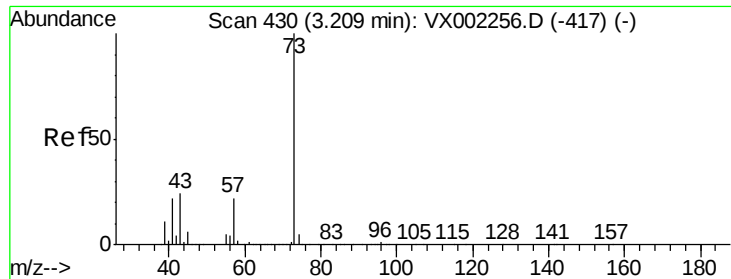
Tot Ion: 76 Resp: 256649
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 63.43 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion: 43 Resp: 186672
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1

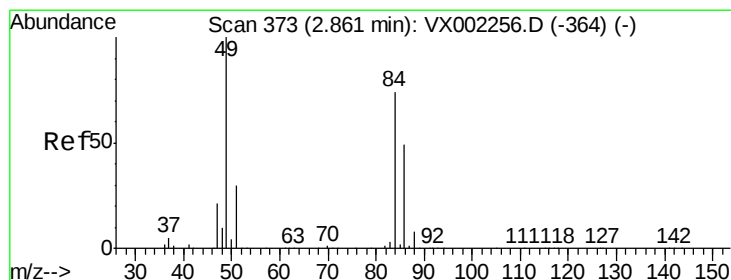
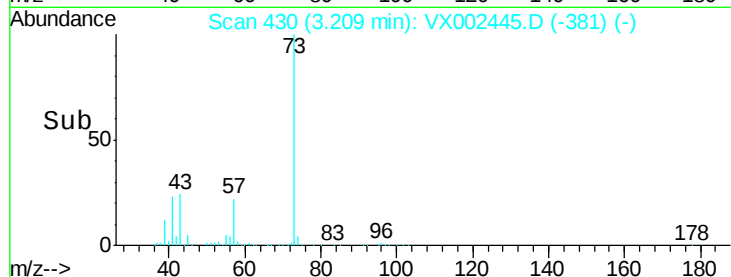
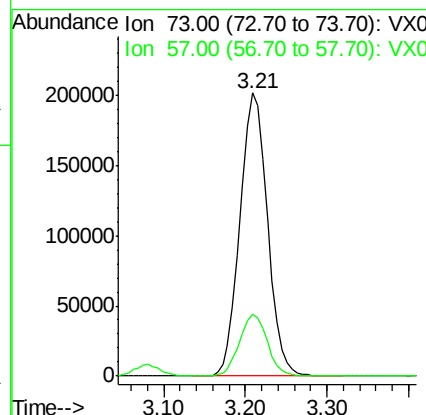
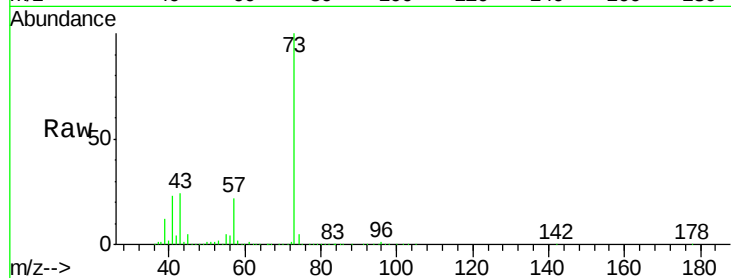




#19
Methvl tert-butvl Ether
Concen: 61.57 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

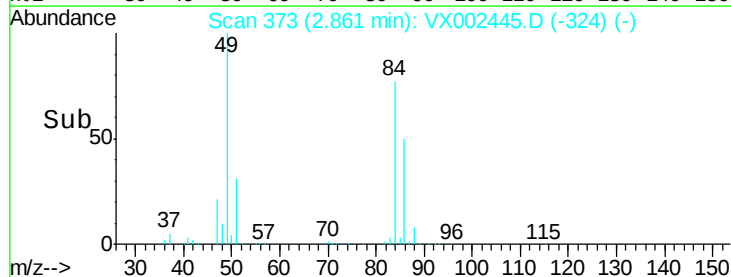
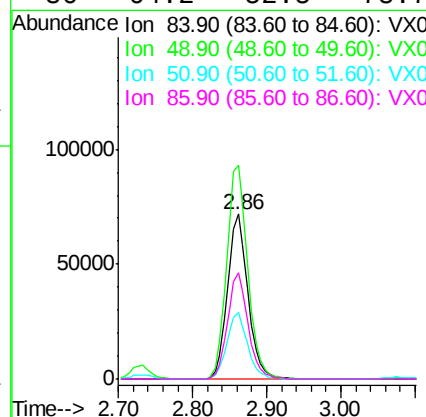
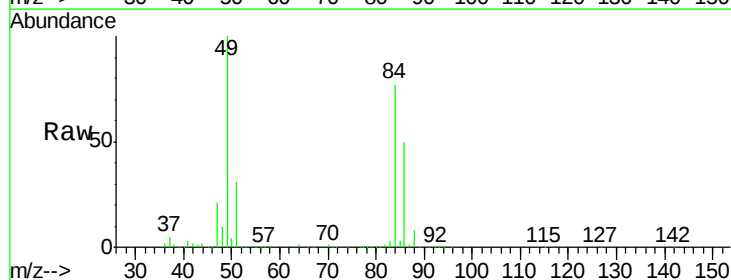
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

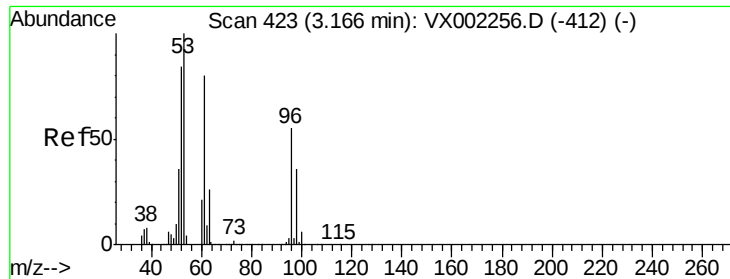
Tot Ion: 73 Resp: 470080
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5



#20
Methylene Chloride
Concen: 59.03 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion: 84 Resp: 137525
Ion Ratio Lower Upper
84 100
49 129.4 107.8 161.6
51 40.3 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.94 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

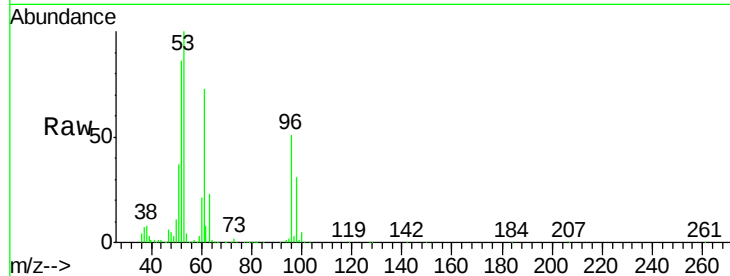
Tot Ion: 96 Resp: 121850

Ion Ratio Lower Upper

96 100

61 142.4 117.0 175.4

98 61.6 52.4 78.6

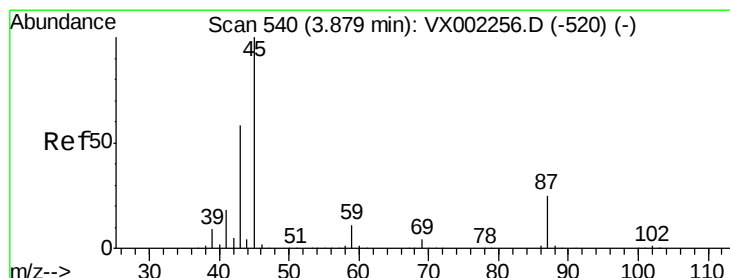
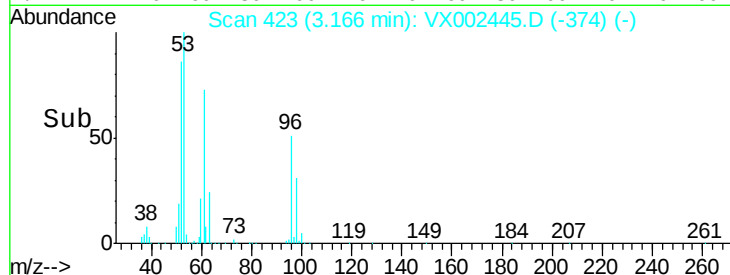
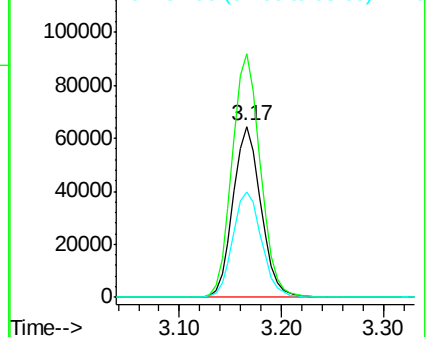


Abundance

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: 54.18 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion: 45 Resp: 433558

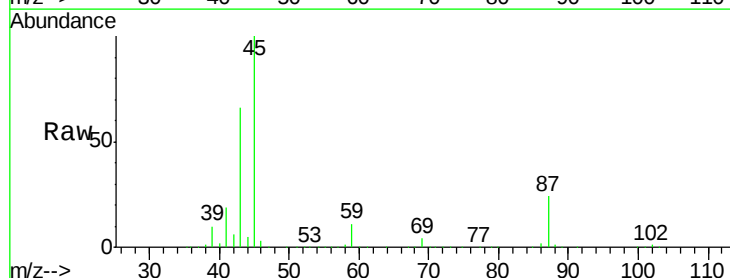
Ion Ratio Lower Upper

45 100

43 65.9 46.8 70.2

87 24.3 20.2 30.4

59 10.6 8.7 13.1



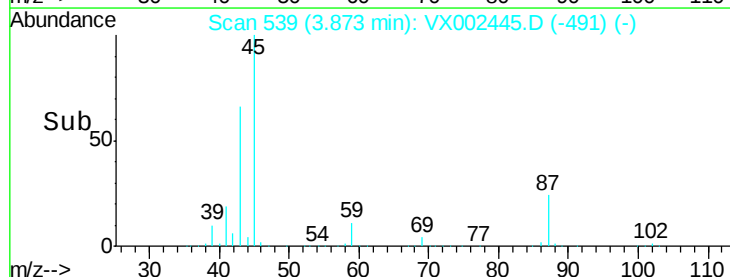
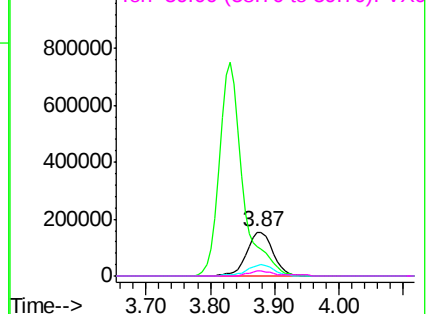
Abundance

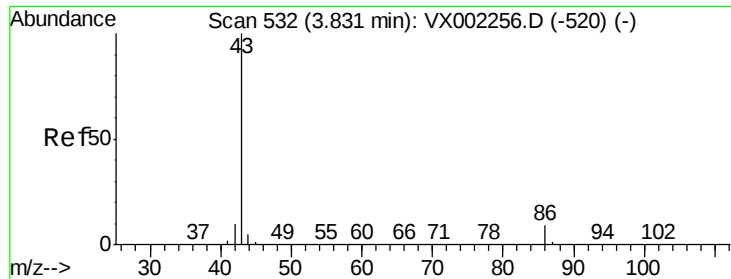
Ion 45.00 (44.70 to 45.70): VX0

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: 246.28 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

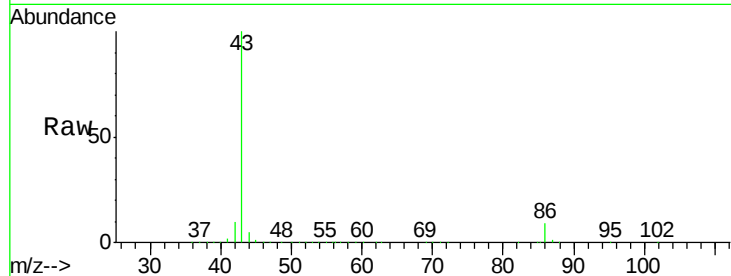
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1916881

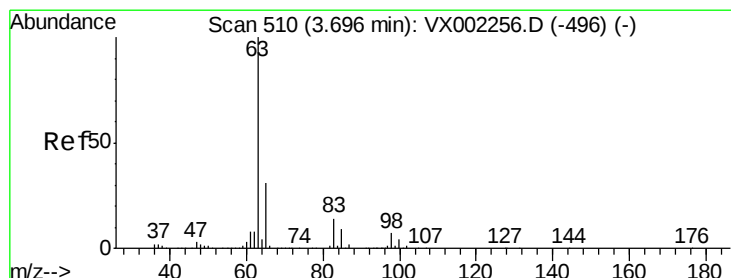
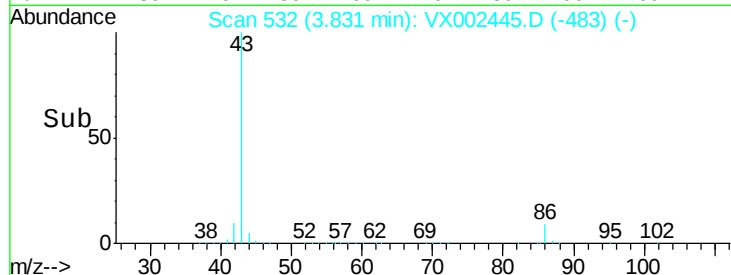
Ion	Ratio	Lower	Upper
43	100		
86	8.9	7.4	11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

Time-->



#24

1,1-Dichloroethane

Concen: 51.96 ug/l

RT: 3.70 min Scan# 510

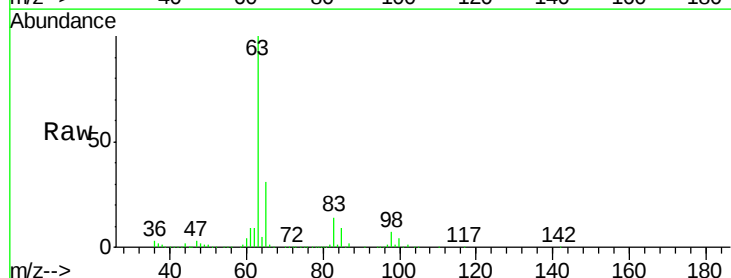
Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion: 63 Resp: 246556

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.2
100	4.0	2.0	6.0

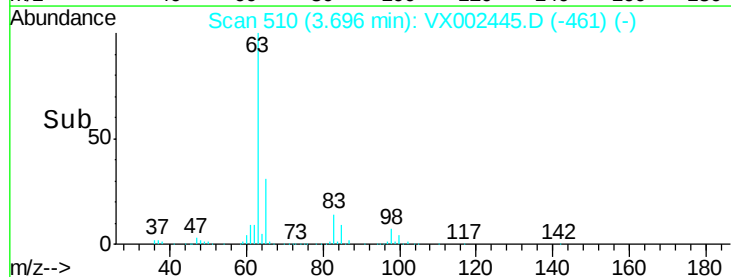


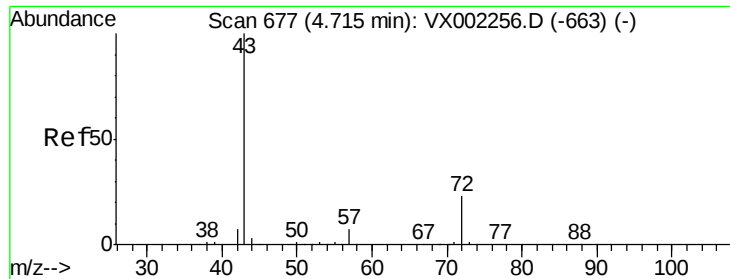
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

Time-->





#25

2-Butanone

Concen: 250.92 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

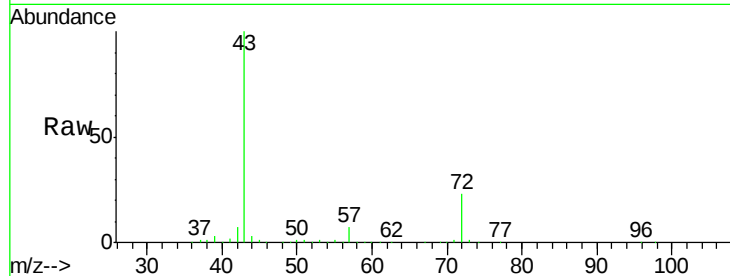
VSTDCCC050EC

Tot Ion: 43 Resp: 511283

Ion Ratio Lower Upper

43 100

72 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

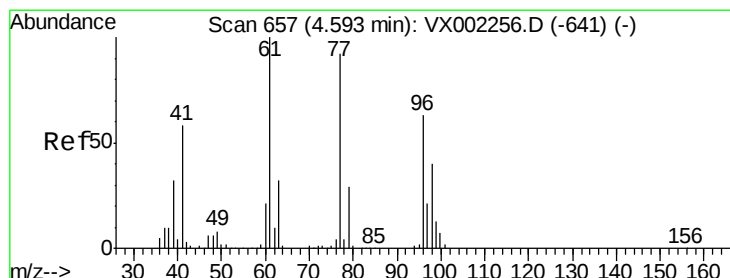
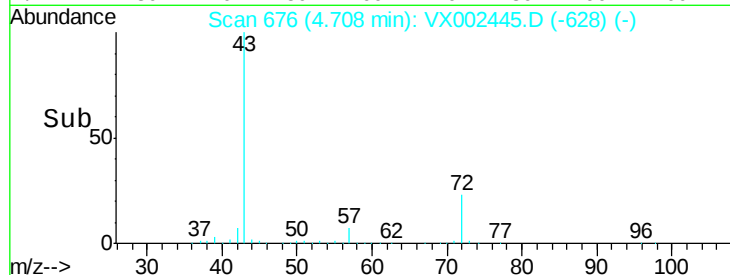
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.64 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002445.D

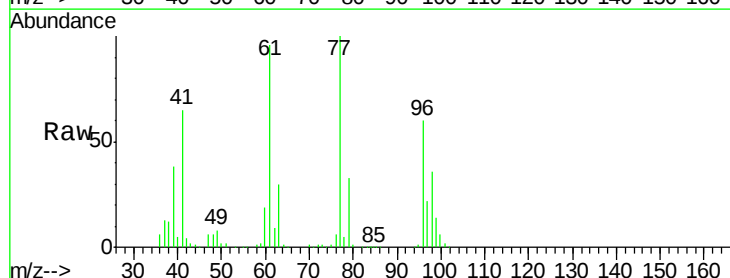
Acq: 11 Jun 2018 16:15

Tgt Ion: 77 Resp: 169294

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

60000

50000

40000

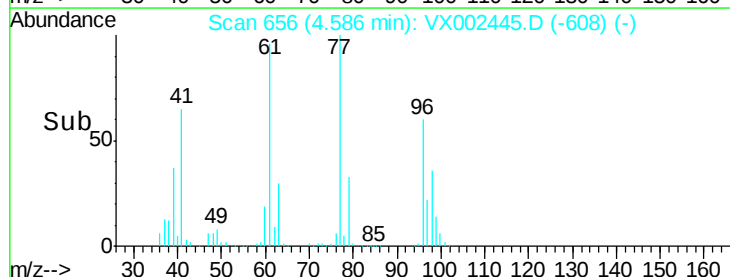
30000

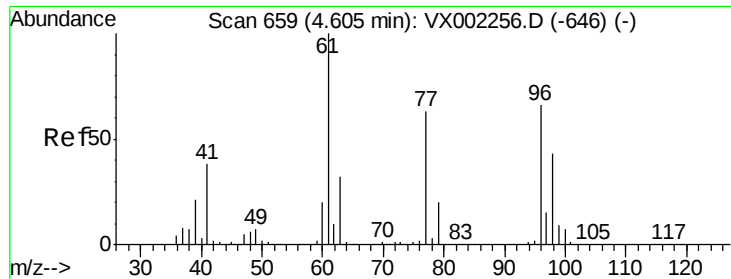
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 49.10 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

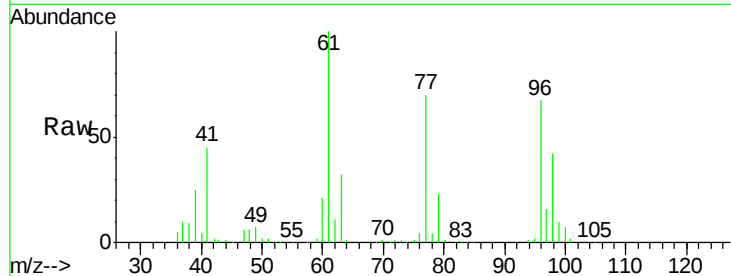
Tot Ion: 96 Resp: 130264

Ion Ratio Lower Upper

96 100

61 154.3 0.0 330.2

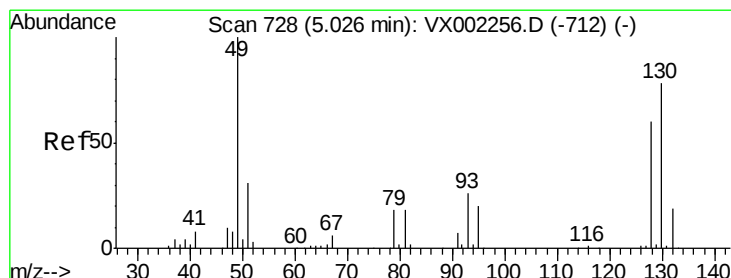
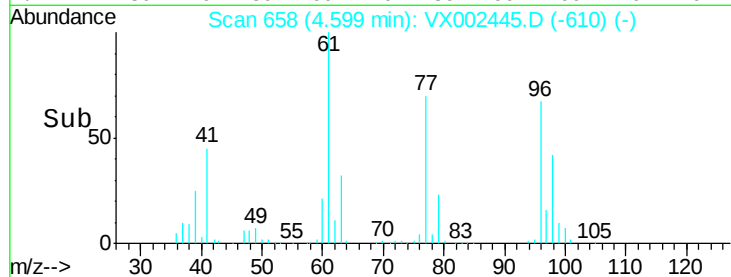
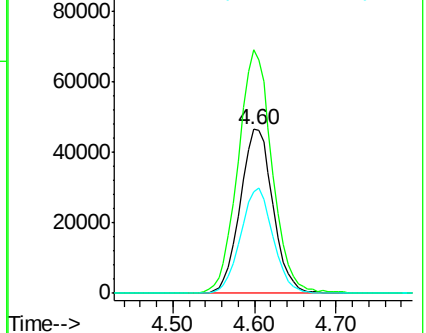
98 63.4 0.0 130.2



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: 57.72 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

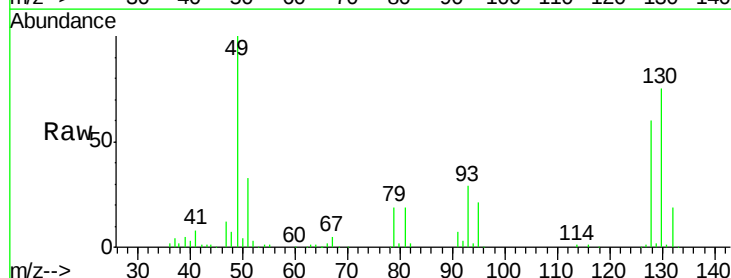
Tgt Ion: 49 Resp: 115386

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

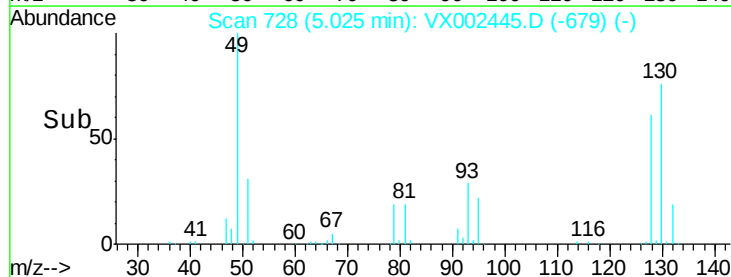
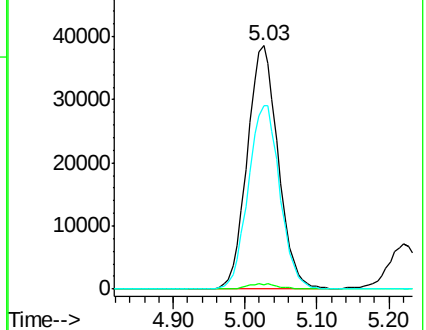
130 77.1 61.2 91.8

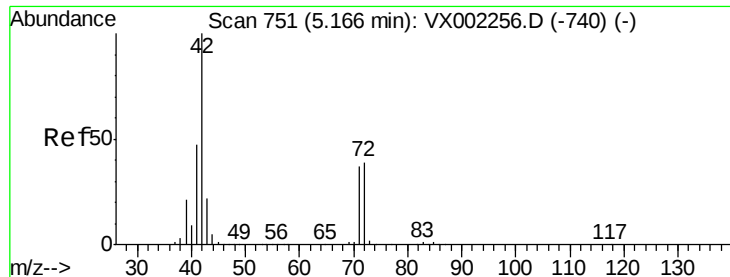


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 248.98 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

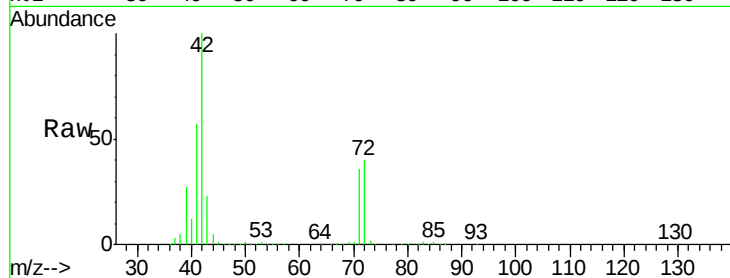
Tot Ion: 42 Resp: 327096

Ion Ratio Lower Upper

42 100

72 40.2 32.0 48.0

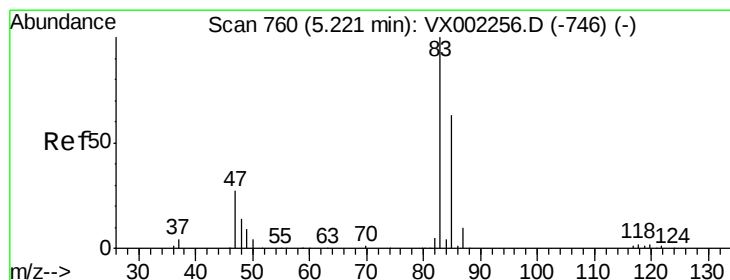
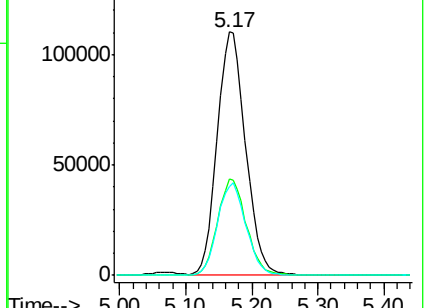
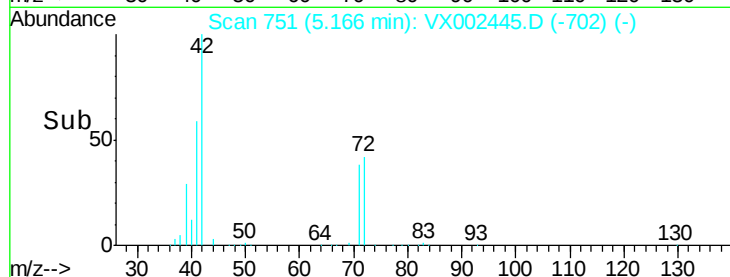
71 37.9 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.40 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002445.D

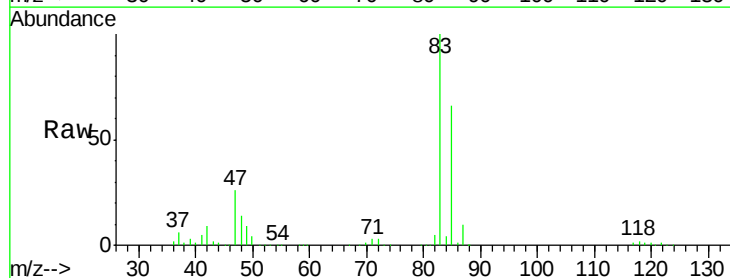
Acq: 11 Jun 2018 16:15

Tgt Ion: 83 Resp: 230773

Ion Ratio Lower Upper

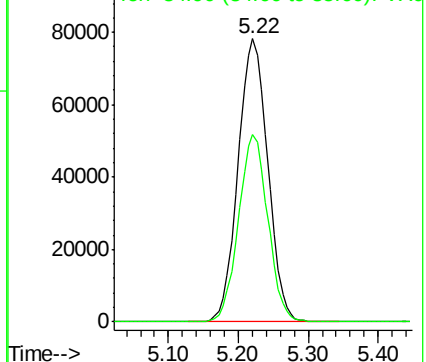
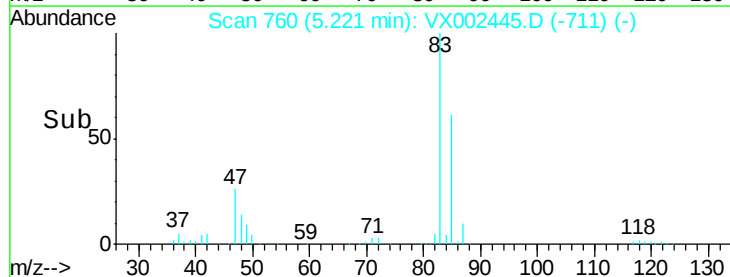
83 100

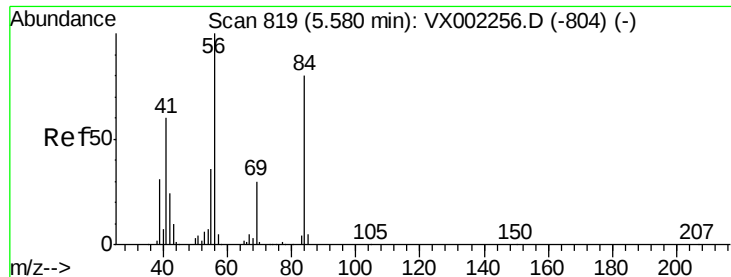
85 66.3 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.03 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

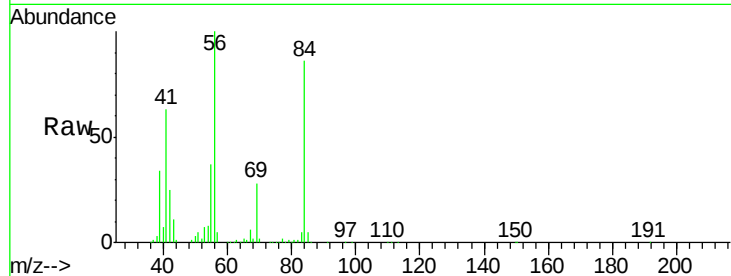
Tot Ion: 56 Resp: 176483

Ion Ratio Lower Upper

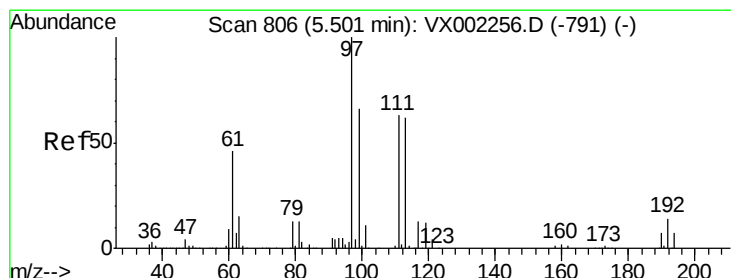
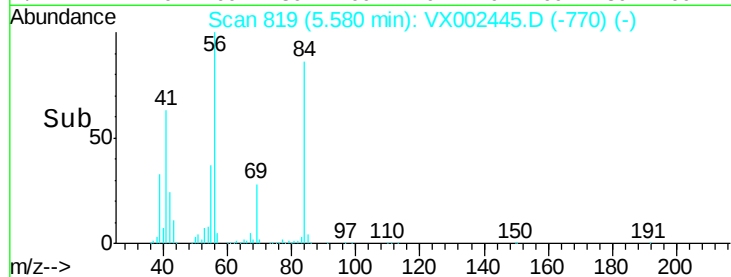
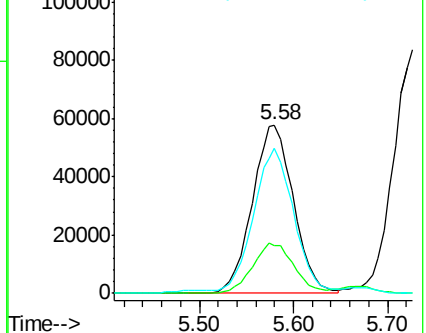
56 100

69 28.1 23.7 35.5

84 83.9 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: 48.90 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

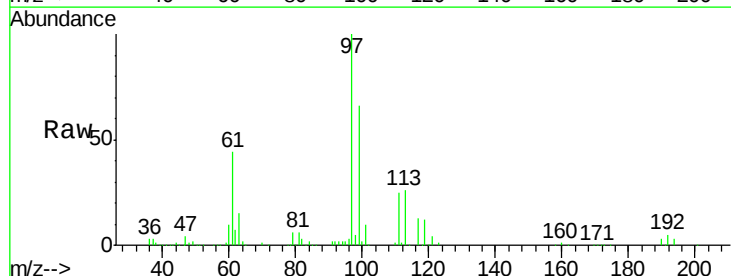
Tgt Ion: 97 Resp: 189901

Ion Ratio Lower Upper

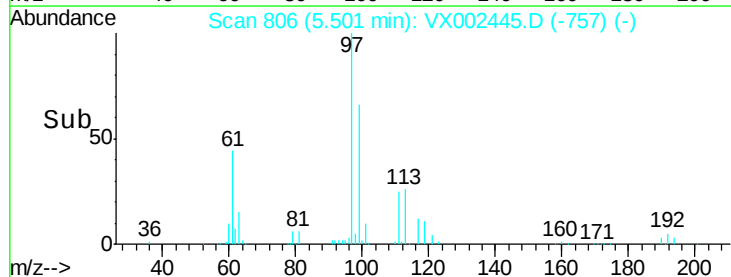
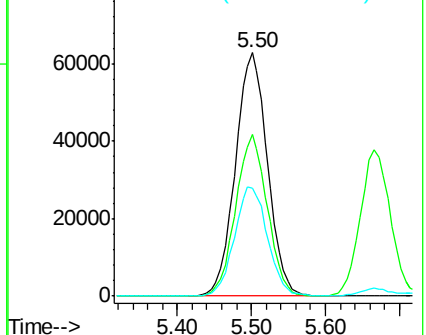
97 100

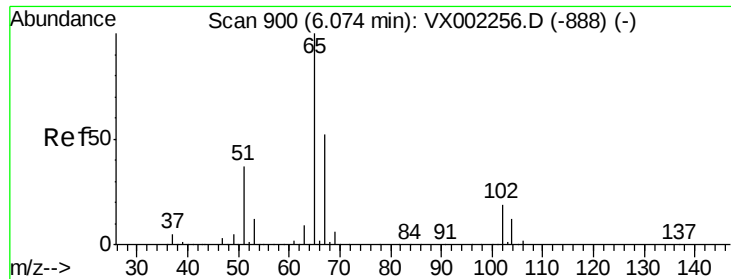
99 65.4 51.6 77.4

61 46.4 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: 19.38 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

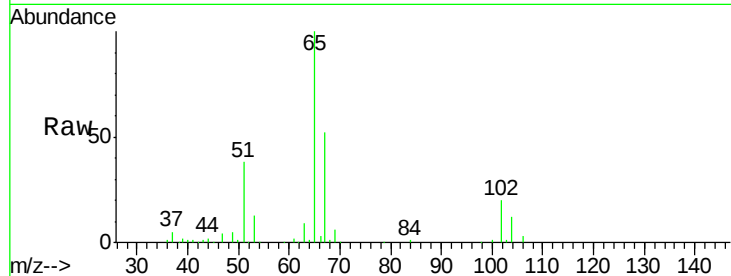
VSTDCCC050EC

Tot Ion: 65 Resp: 63877

Ion Ratio Lower Upper

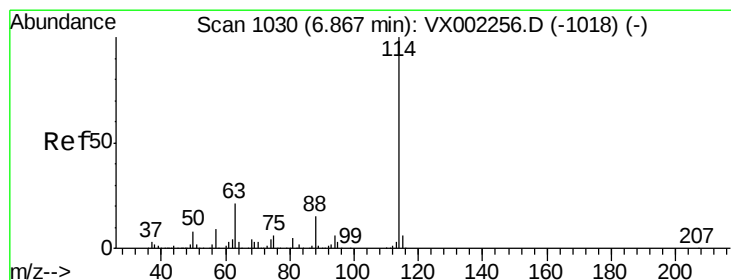
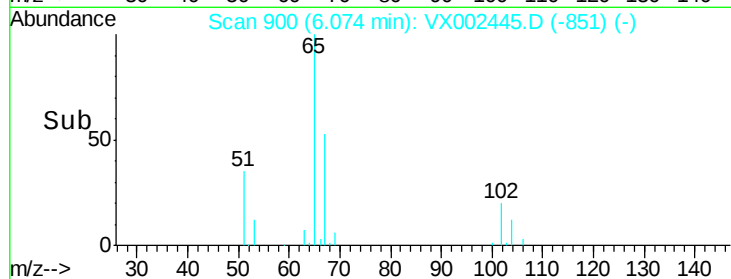
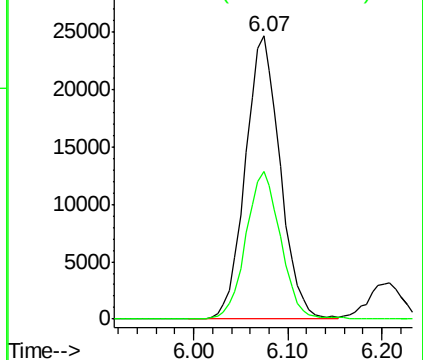
65 100

67 52.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

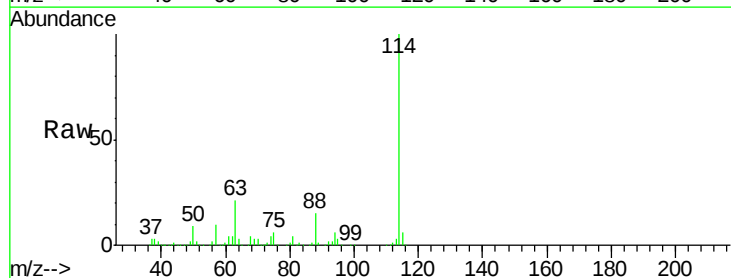
Tgt Ion: 114 Resp: 307449

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

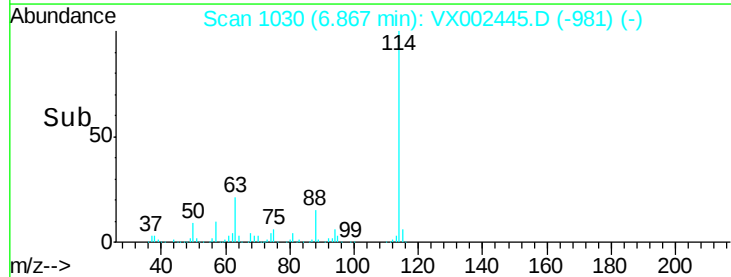
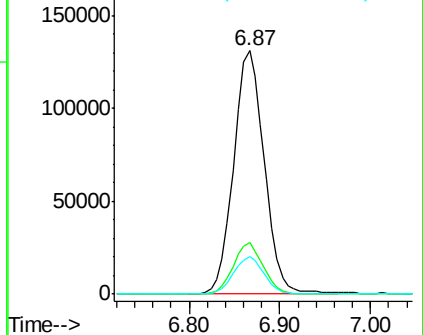
88 15.4 0.0 30.0

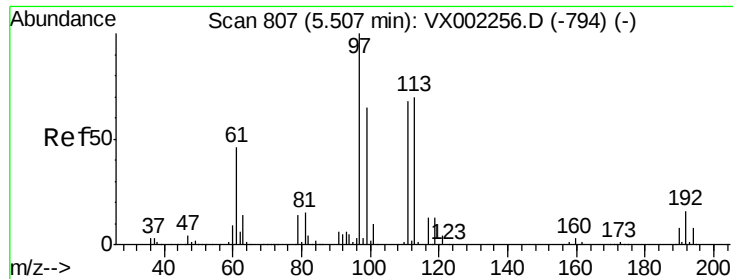


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 20.07 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

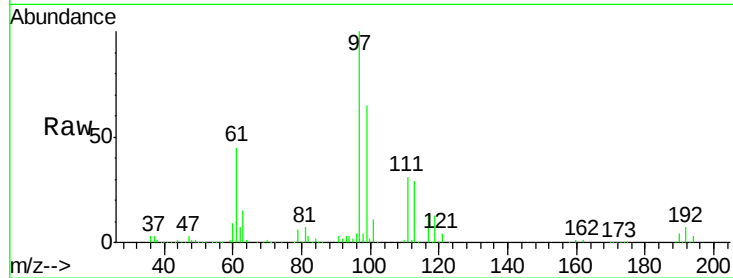
Tot Ion:113 Resp: 48525

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

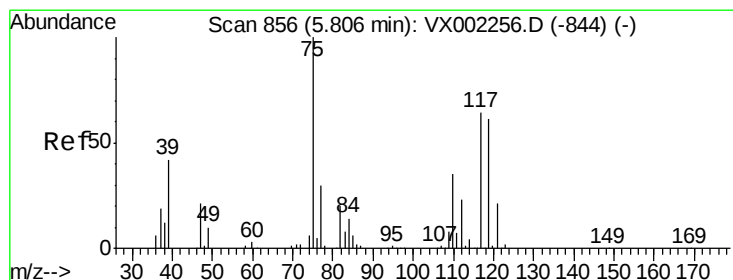
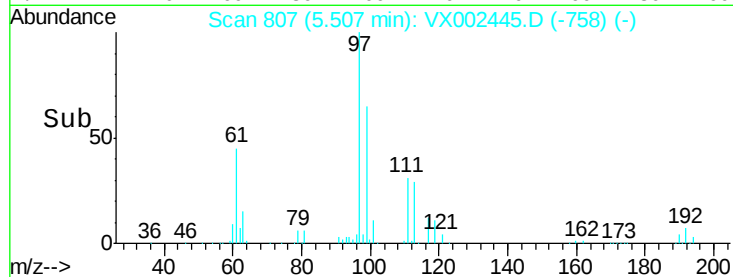
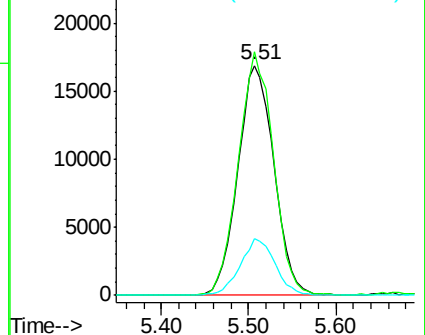
192 23.8 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.12 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

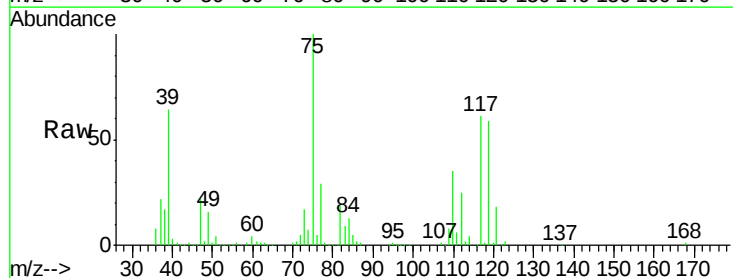
Tgt Ion: 75 Resp: 152311

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.4

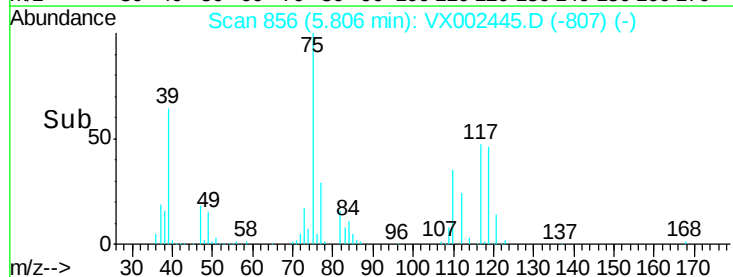
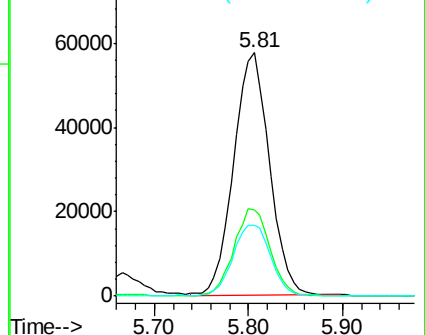
77 30.5 24.3 36.5

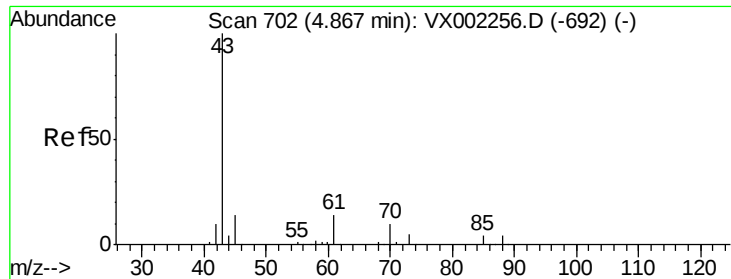


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

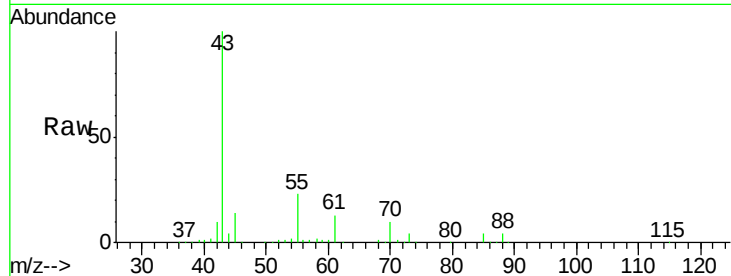




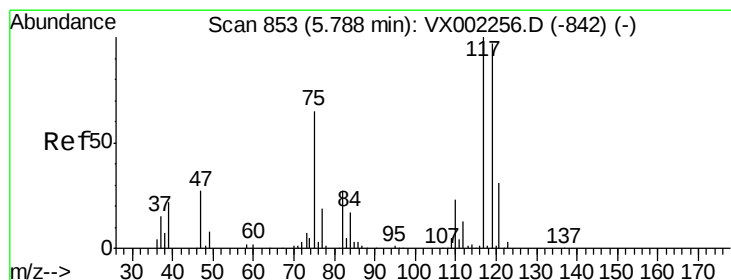
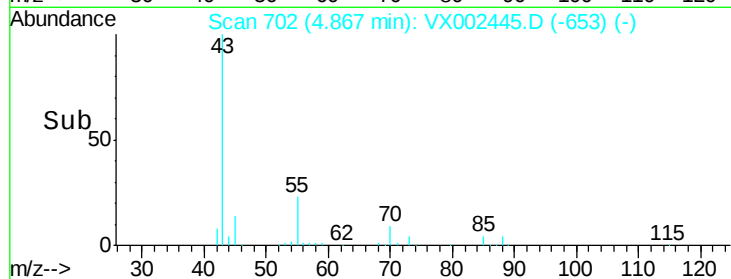
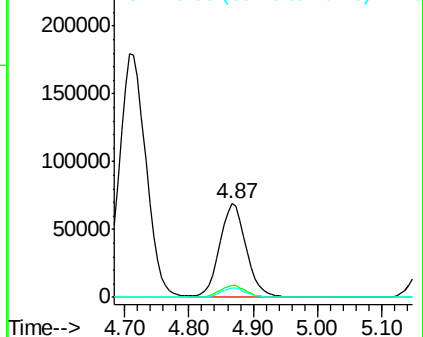
#37
Ethyl Acetate
Concen: 51.63 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	200685
Ion Ratio	Lower	Upper	
43	100		
61	12.9	10.4	15.6
70	9.4	7.6	11.4

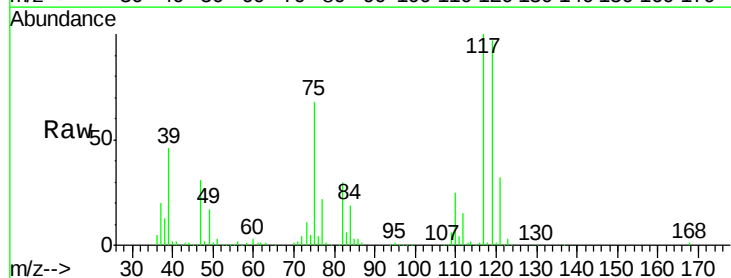


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

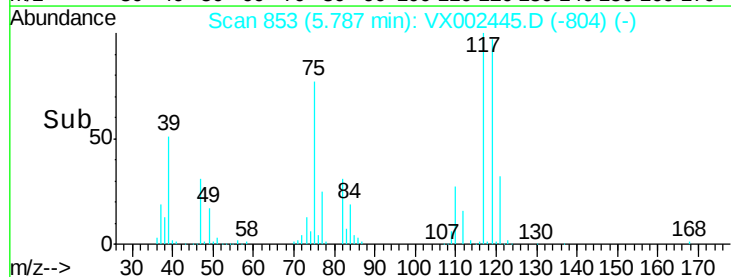
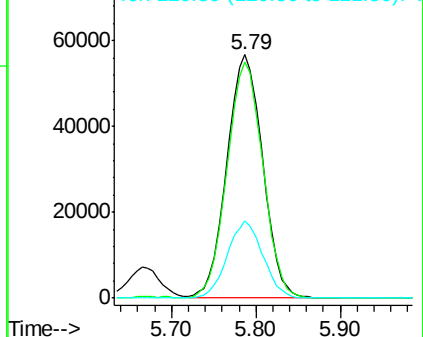


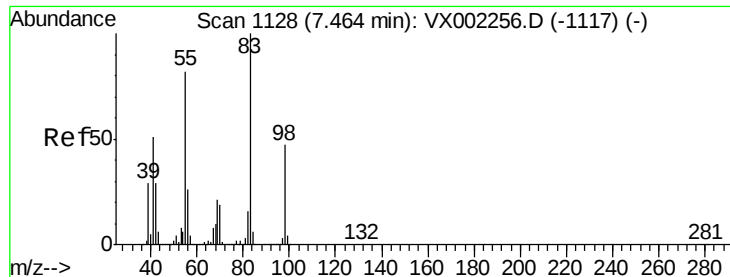
#38
Carbon Tetrachloride
Concen: 48.45 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion	117	Resp	163839
Ion Ratio	Lower	Upper	
117	100		
119	96.9	77.4	116.0
121	31.9	24.4	36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

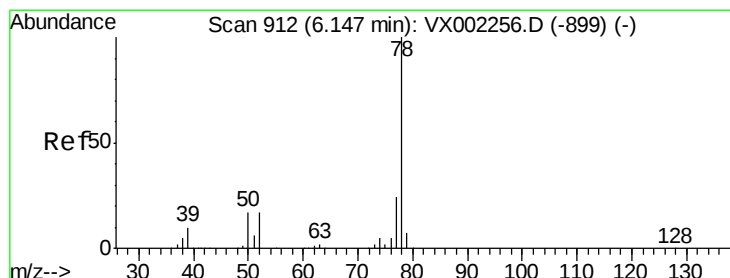
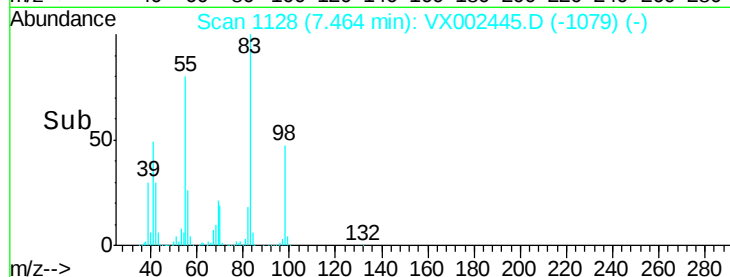
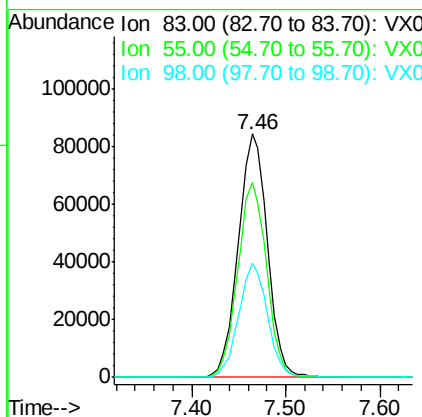
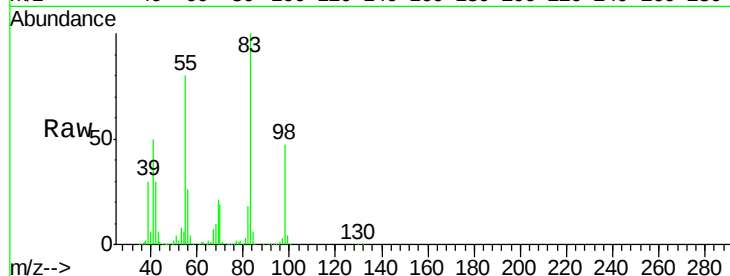




#39
Methvlcvclohexane
Concen: 45.77 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

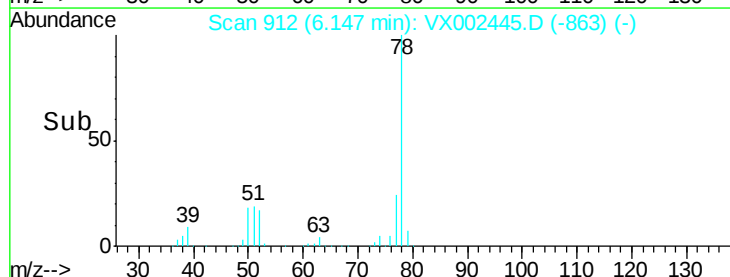
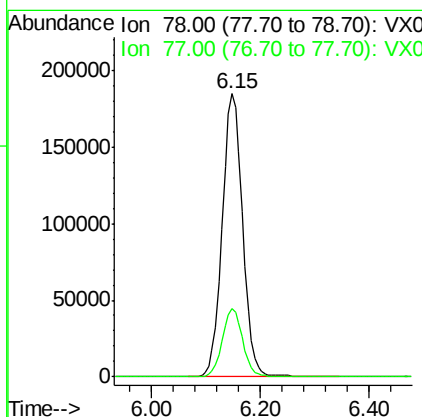
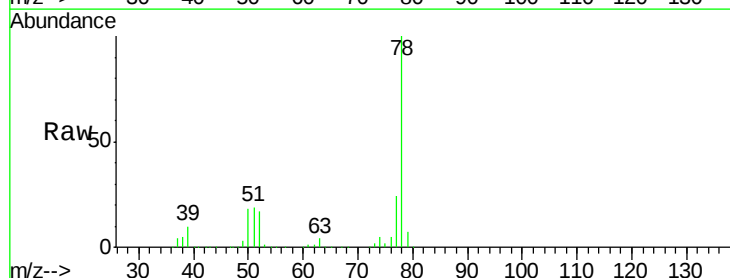
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

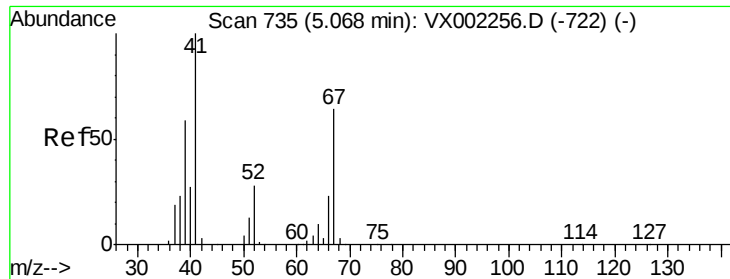
Tot Ion: 83 Resp: 182697
Ion Ratio Lower Upper
83 100
55 80.3 65.4 98.0
98 47.1 37.4 56.0



#40
Benzene
Concen: 48.65 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion: 78 Resp: 482103
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

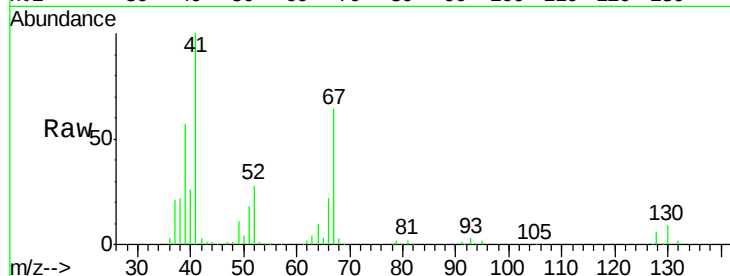




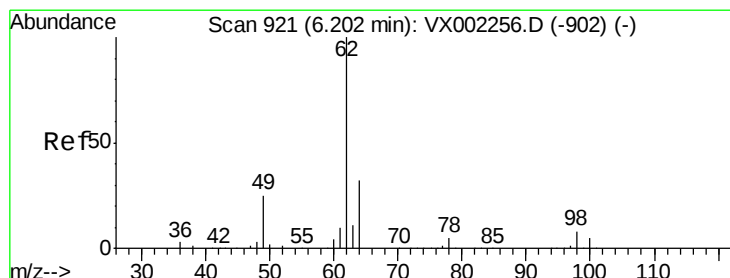
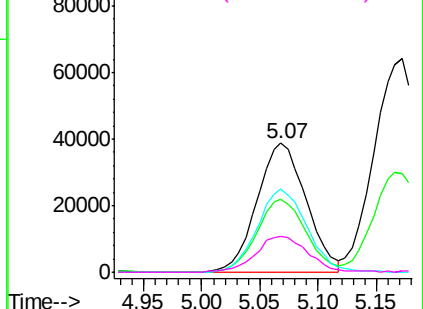
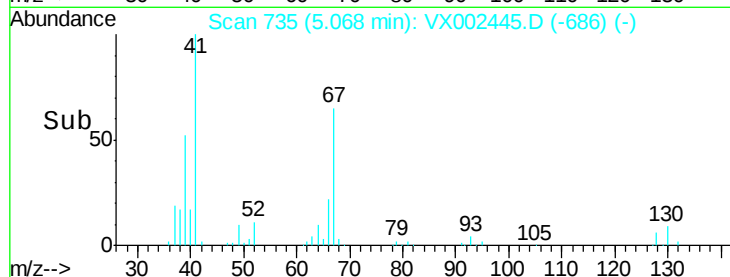
#41
Methacrylonitrile
Concen: 50.98 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	113449
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.8	68.6
67	65.3	51.3	76.9
52	29.1	23.0	34.6

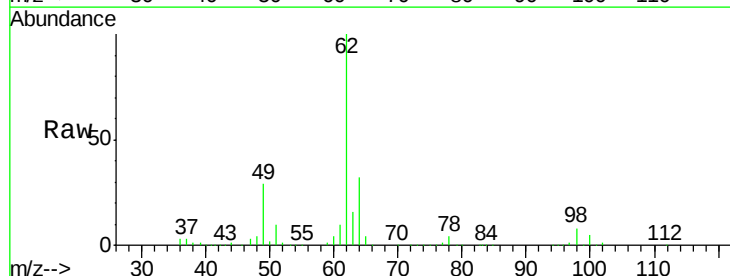


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

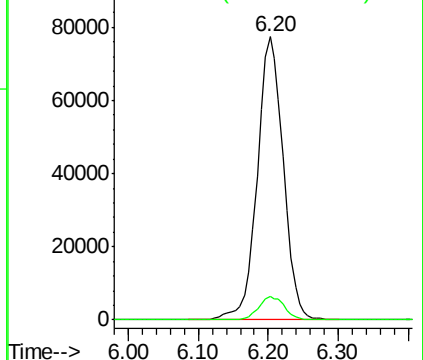
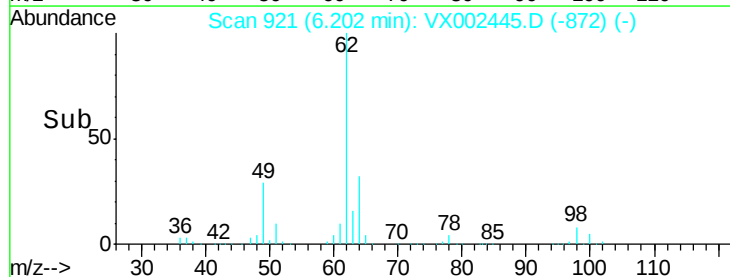


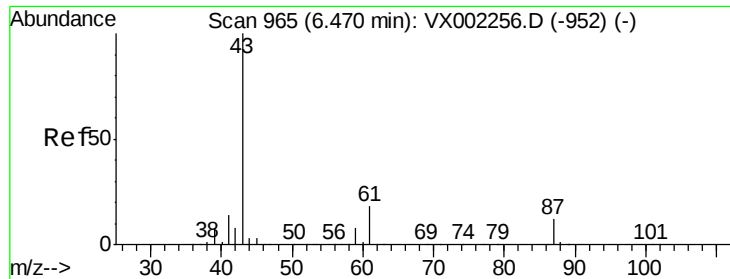
#42
1,2-Dichloroethane
Concen: 50.78 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion:	62	Resp:	199942
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



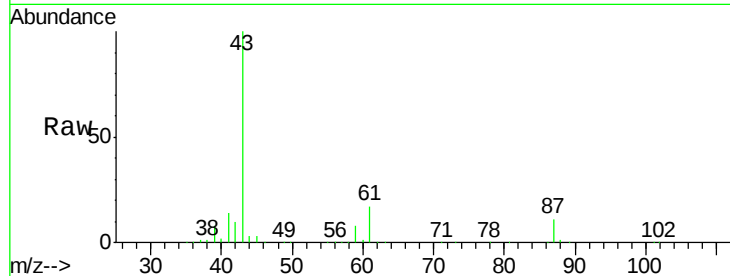


#43

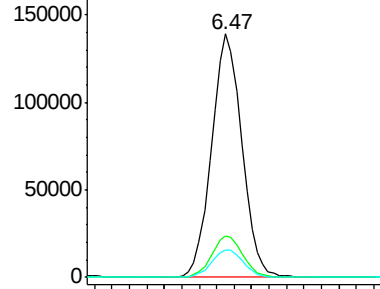
Isopropyl Acetate
 Concen: 50.56 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

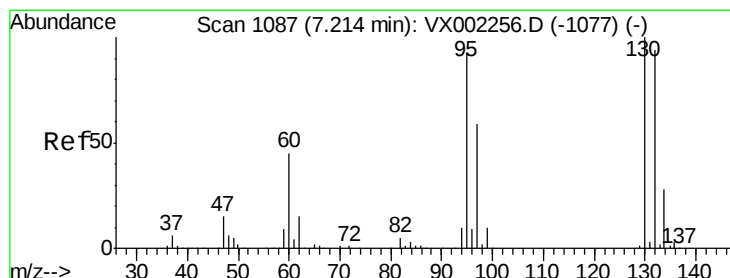
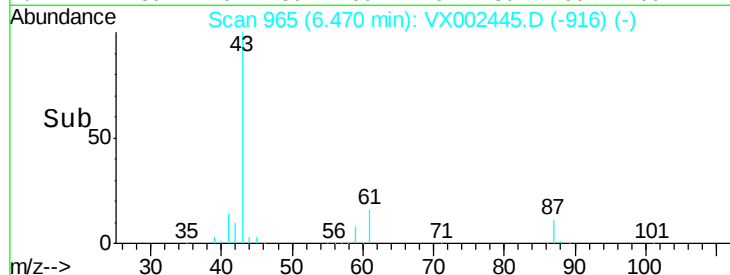
Tot Ion: 43 Resp: 333824
 Ion Ratio Lower Upper
 43 100
 61 17.7 14.4 21.6
 87 11.8 9.5 14.3



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



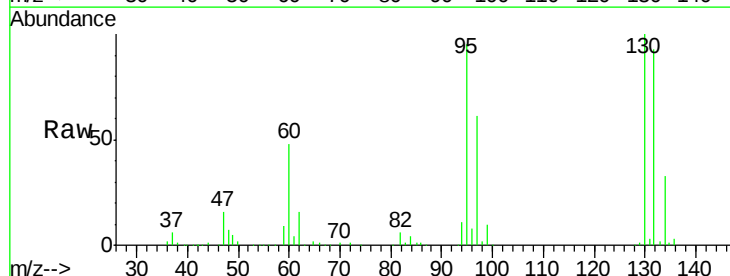
Time-->



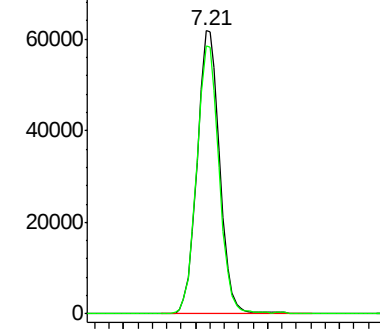
#44

Trichloroethene
 Concen: 49.07 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

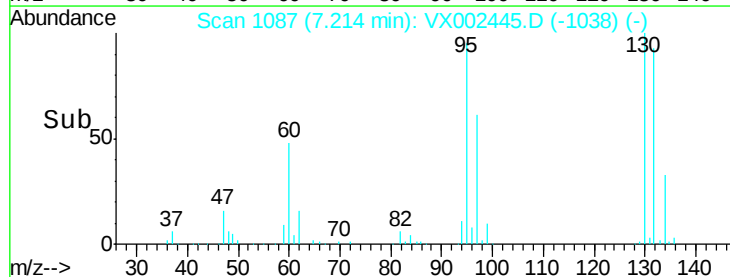
Tgt Ion:130 Resp: 134978
 Ion Ratio Lower Upper
 130 100
 95 94.7 0.0 185.4

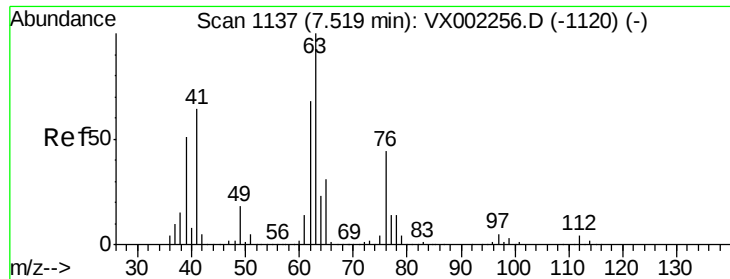


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->

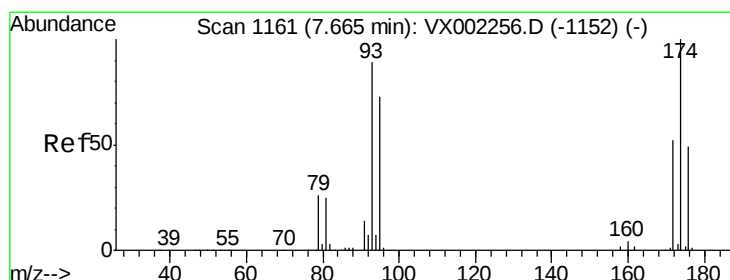
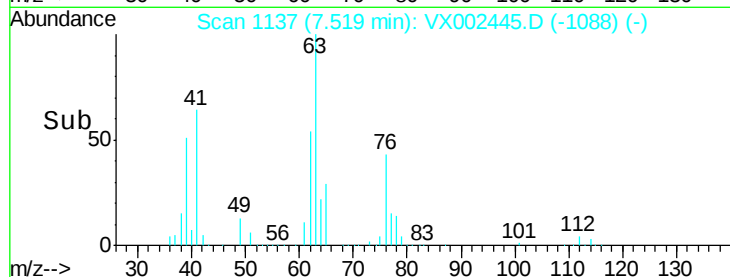
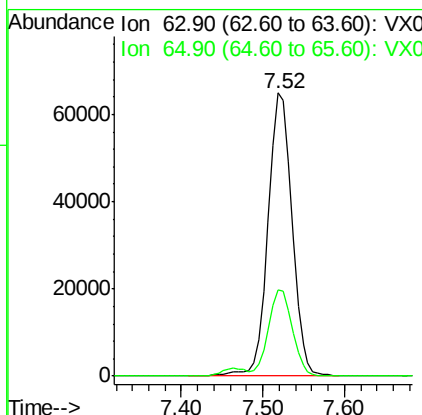
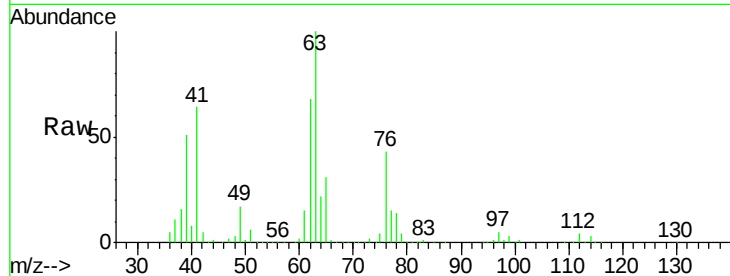




#45
 1,2-Dichloropropane
 Concen: 49.63 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

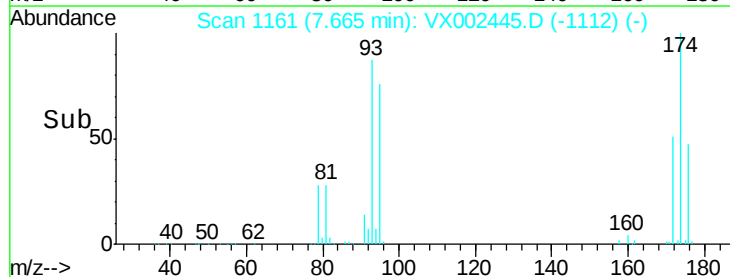
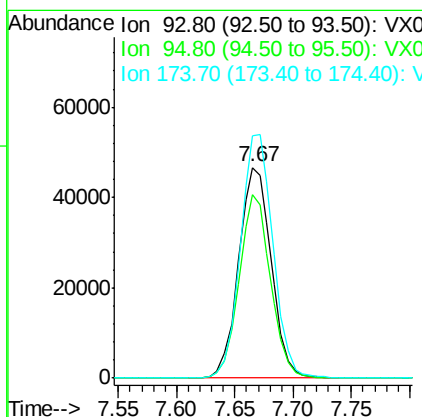
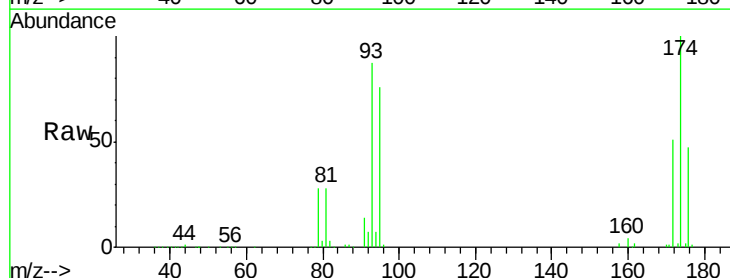
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

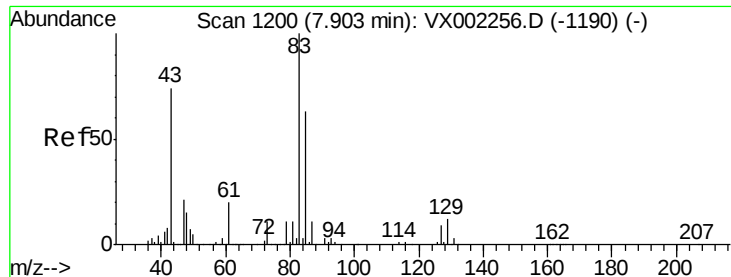
Tot Ion: 63 Resp: 132775
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 50.14 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion: 93 Resp: 90933
 Ion Ratio Lower Upper
 93 100
 95 84.3 65.9 98.9
 174 115.3 92.4 138.6





#47

Bromodichloromethane

Concen: 51.58 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

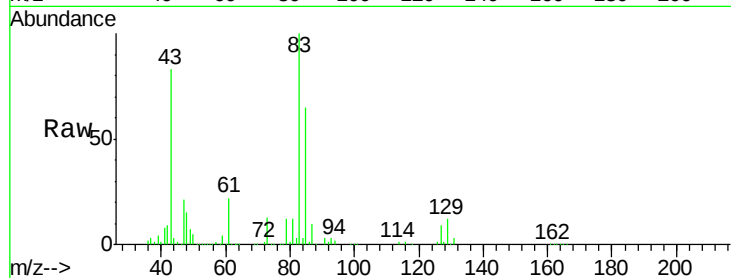
Tot Ion: 83 Resp: 169184

Ion Ratio Lower Upper

83 100

85 65.3 50.3 75.5

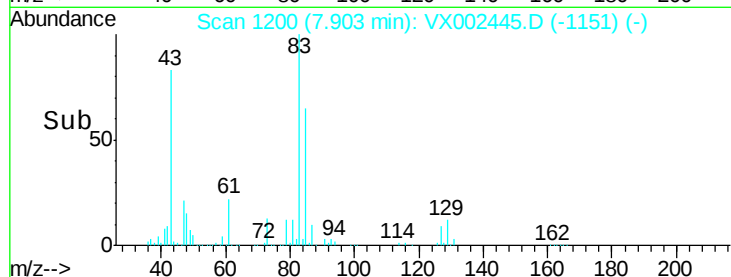
127 9.3 7.0 10.4



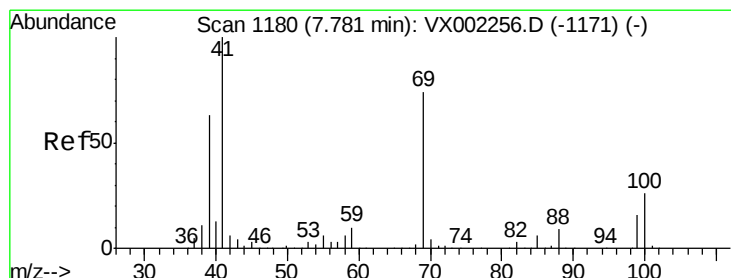
Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

7.90

Time-->



Time-->



#48

Methyl methacrylate

Concen: 51.31 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

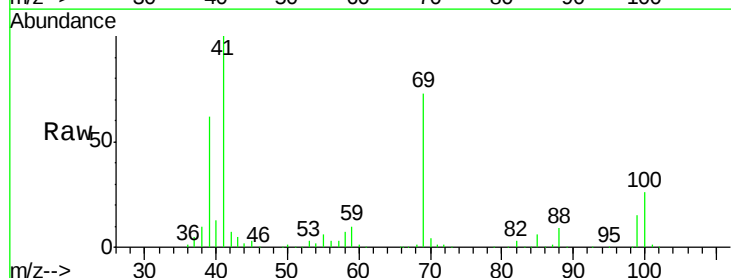
Tgt Ion: 41 Resp: 170156

Ion Ratio Lower Upper

41 100

69 74.0 59.1 88.7

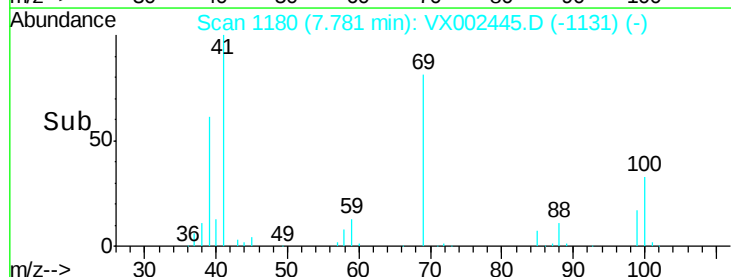
39 62.1 48.9 73.3



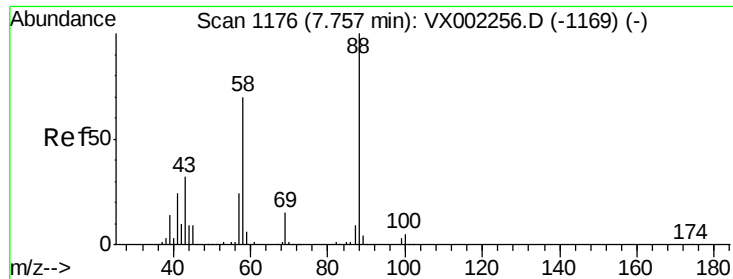
Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

7.78

Time-->



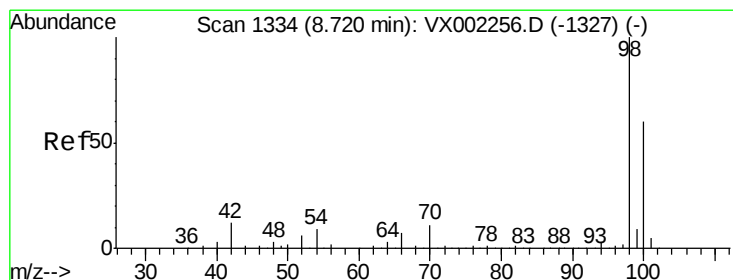
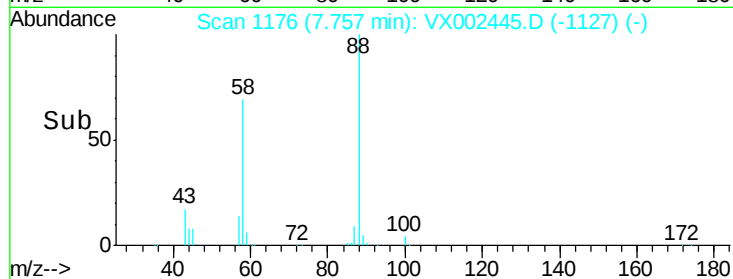
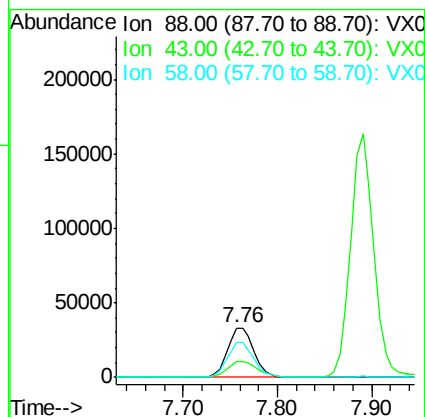
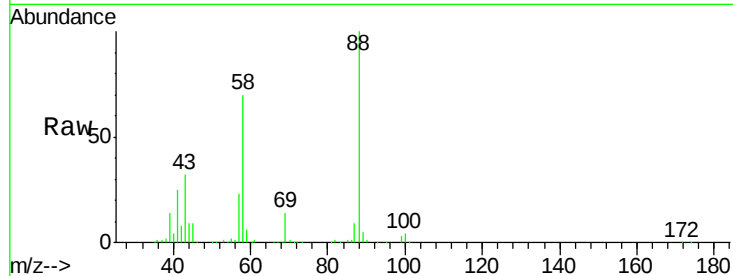
Time-->



#49
1,4-Dioxane
Concen: 1026.36 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

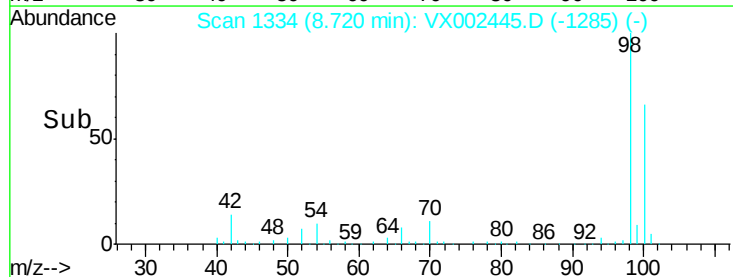
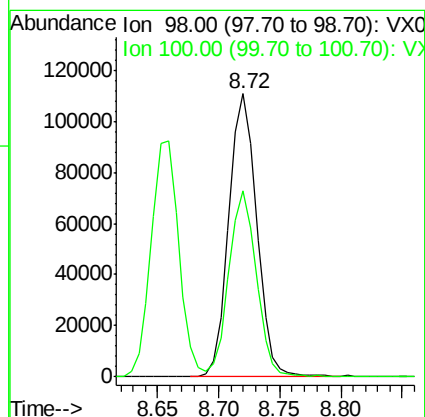
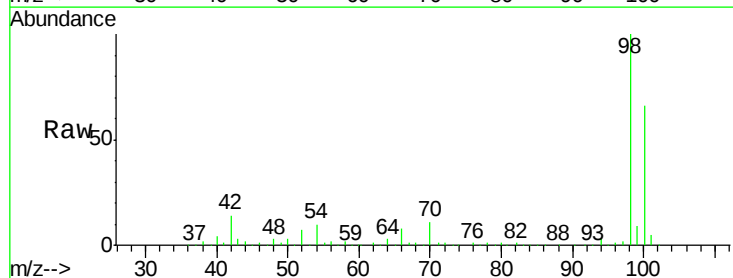
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

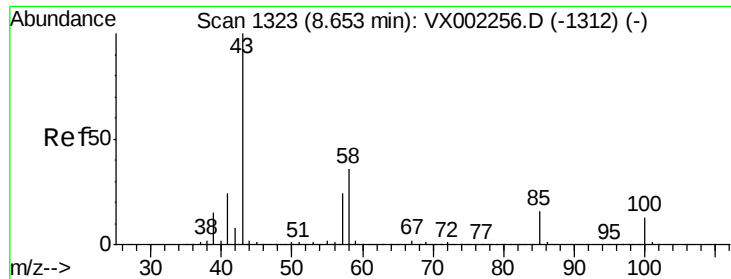
Tot Ion: 88 Resp: 63642
Ion Ratio Lower Upper
88 100
43 37.2 29.8 44.6
58 71.9 57.1 85.7



#50
Toluene-d8
Concen: 18.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion: 98 Resp: 174901
Ion Ratio Lower Upper
98 100
100 65.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 262.01 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

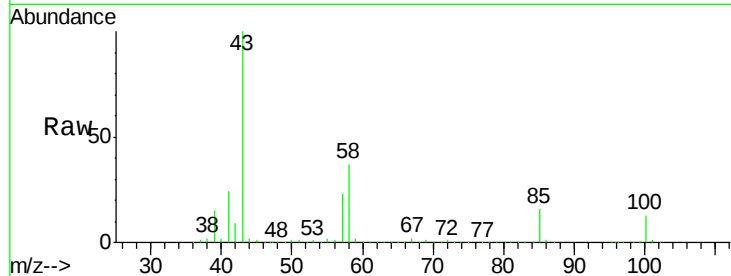
VSTDCCC050EC

Tot Ion: 43 Resp: 1077254

Ion Ratio Lower Upper

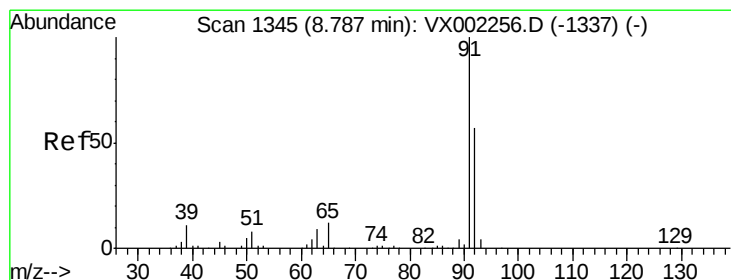
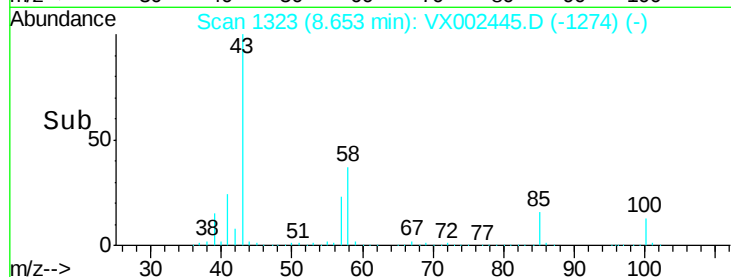
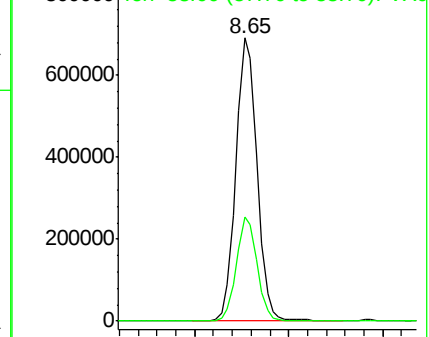
43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.14 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002445.D

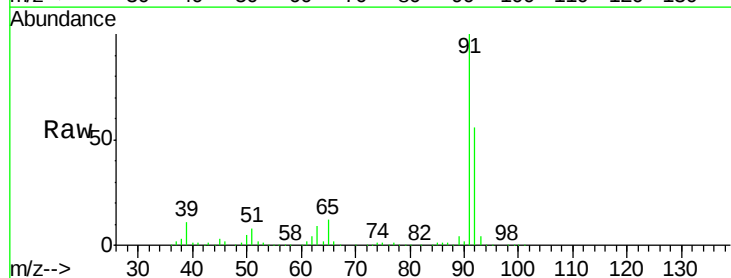
Acq: 11 Jun 2018 16:15

Tgt Ion: 92 Resp: 309721

Ion Ratio Lower Upper

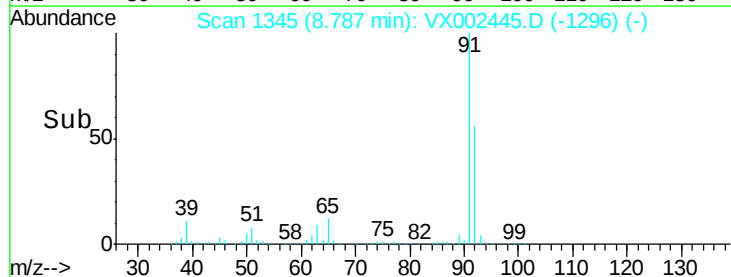
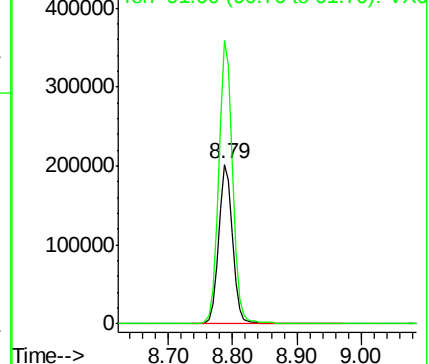
92 100

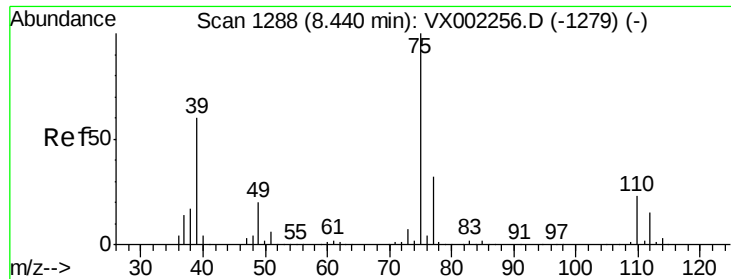
91 176.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.62 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

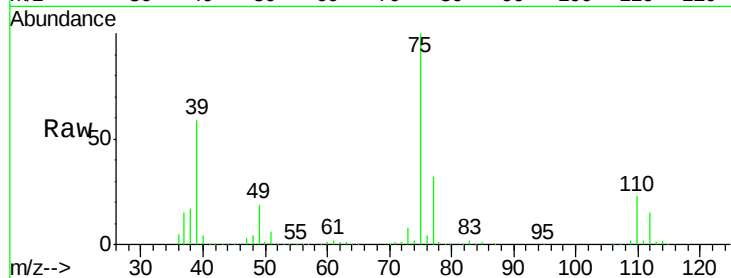
VSTDCCC050EC

Tot Ion: 75 Resp: 203054

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

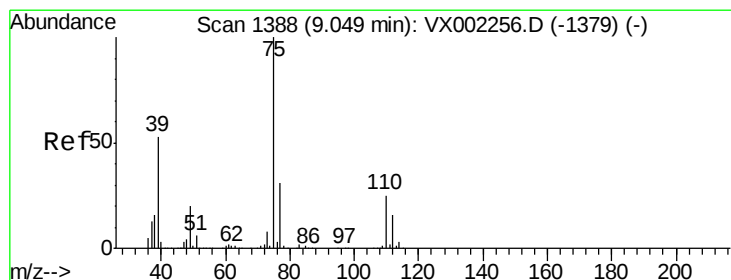
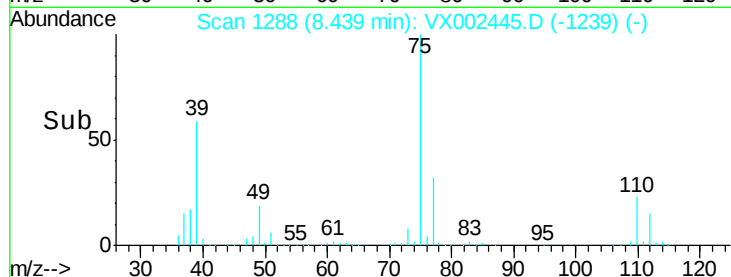
100000

50000

0

8.40 8.50 8.60

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.53 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

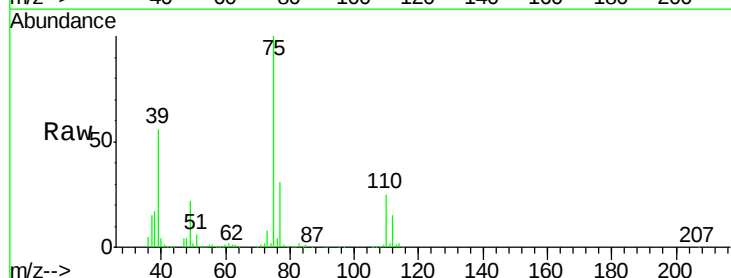
Tgt Ion: 75 Resp: 191256

Ion Ratio Lower Upper

75 100

77 30.9 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

150000

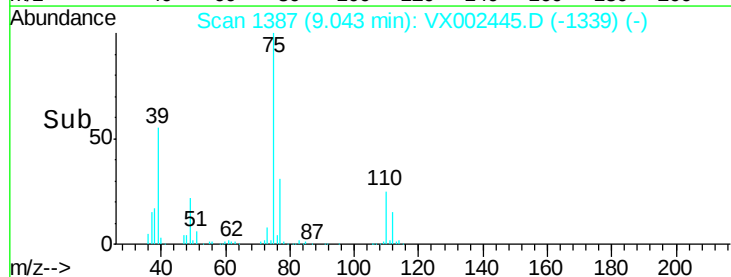
100000

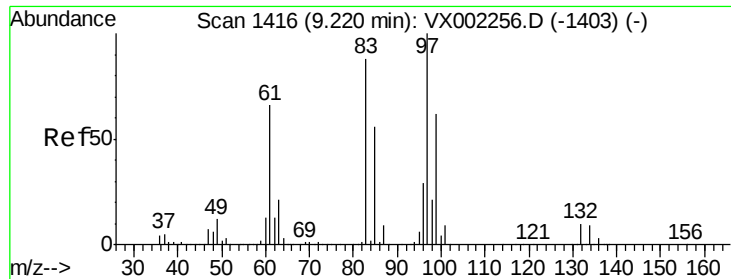
50000

0

9.00 9.10

Time-->

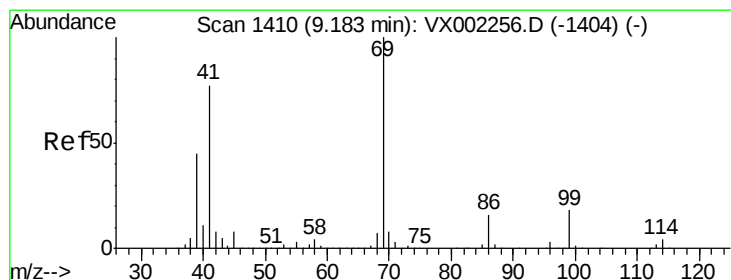
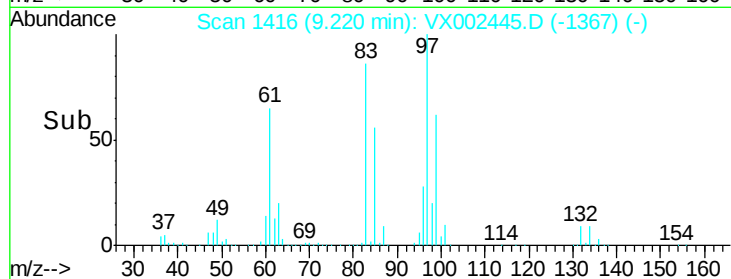
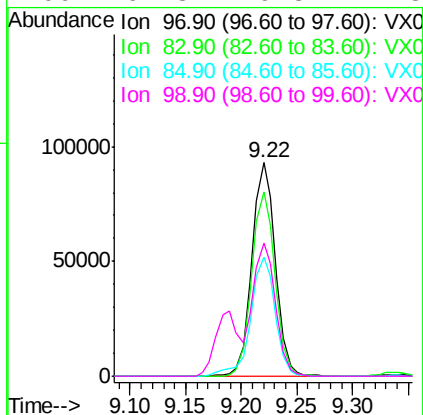
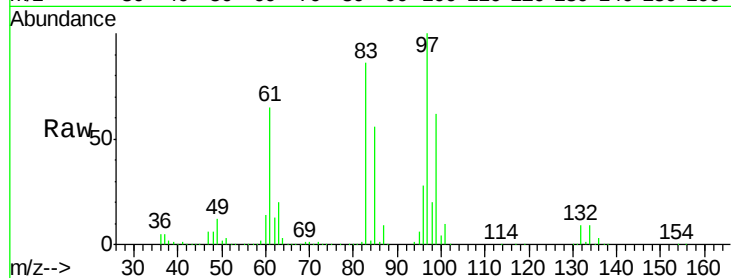




#55
 1,1,2-Trichloroethane
 Concen: 52.75 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

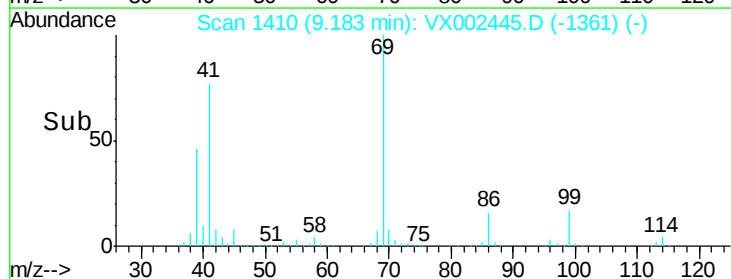
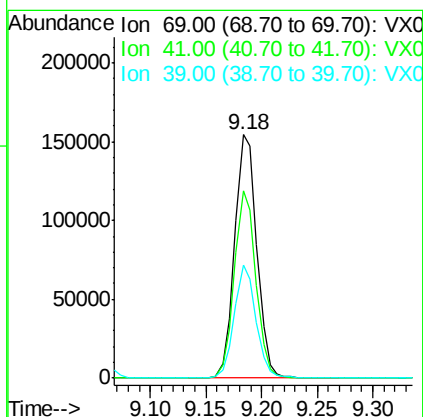
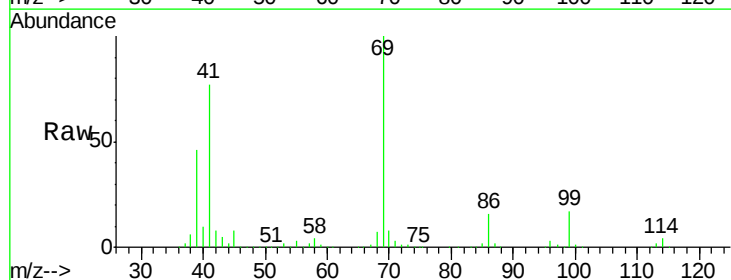
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

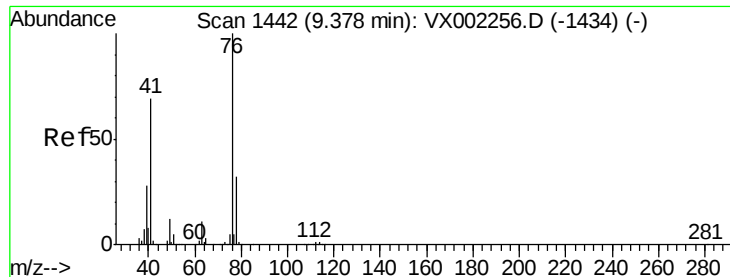
Tot Ion:	97	Resp:	136744
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	55.5	44.9	67.3
99	62.3	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 51.61 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion:	69	Resp:	213609
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.3	90.5
39	44.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 51.81 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

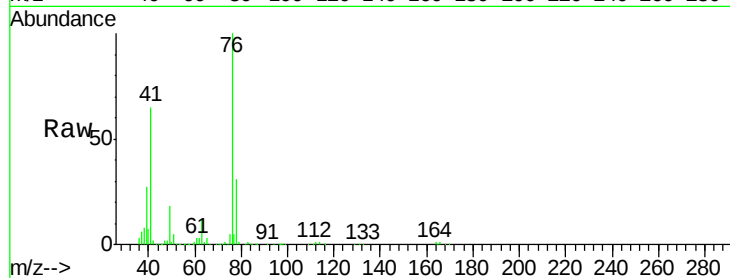
VSTDCCC050EC

Tot Ion: 76 Resp: 225325

Ion Ratio Lower Upper

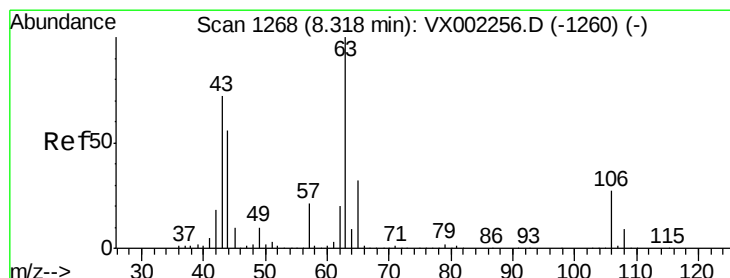
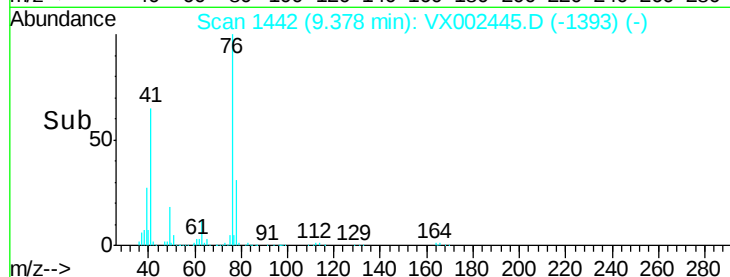
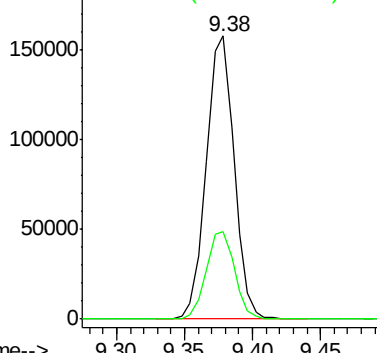
76 100

78 31.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.76 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002445.D

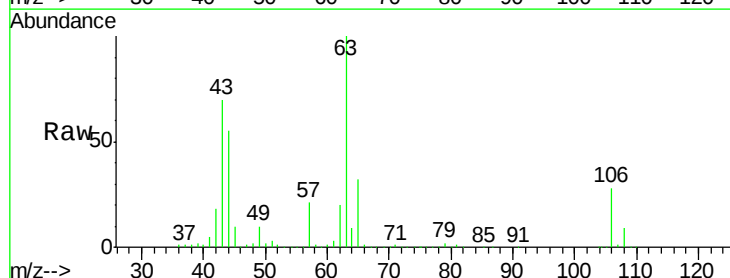
Acq: 11 Jun 2018 16:15

Tgt Ion: 63 Resp: 501442

Ion Ratio Lower Upper

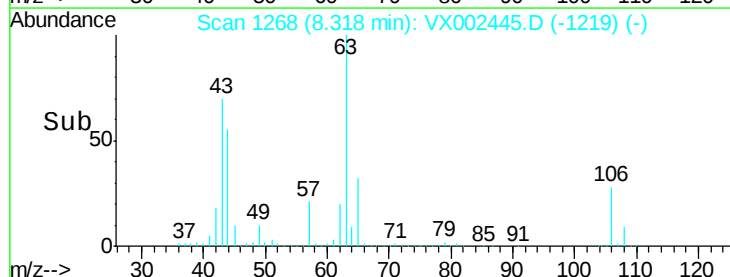
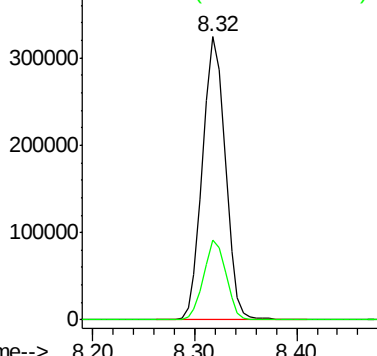
63 100

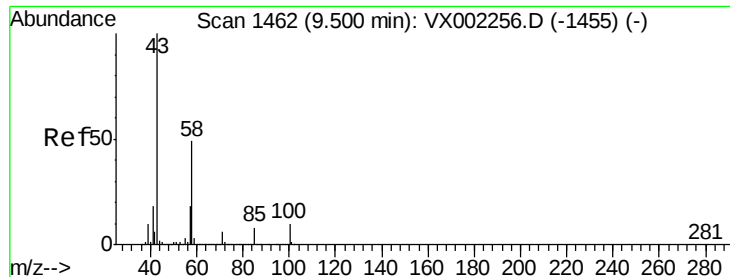
106 27.8 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

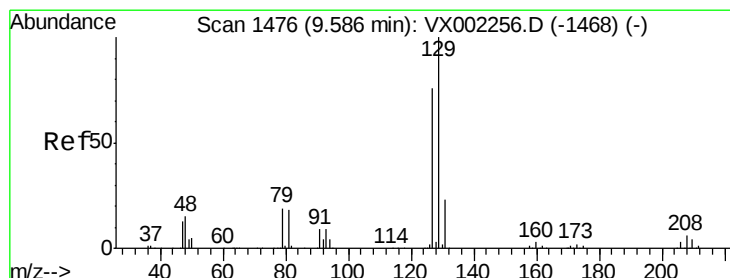
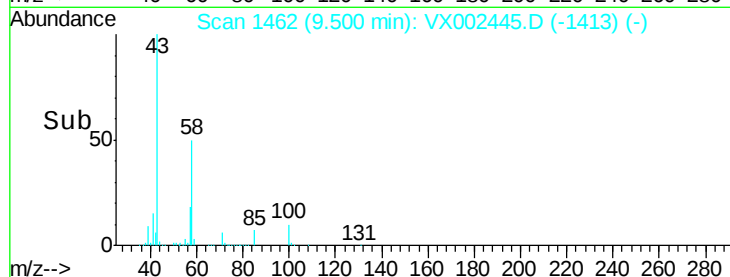
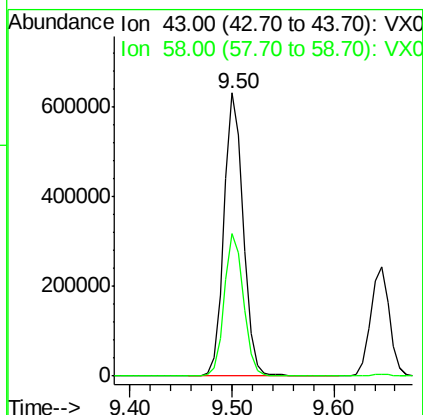
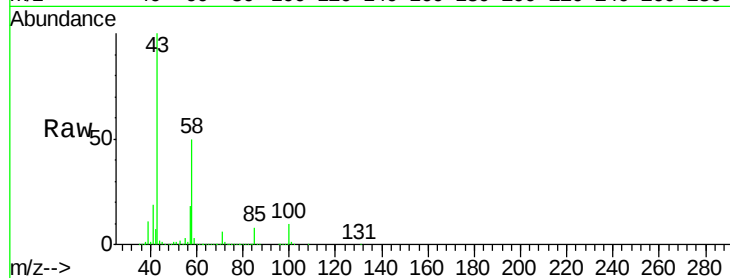




#59
2-Hexanone
Concen: 261.00 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

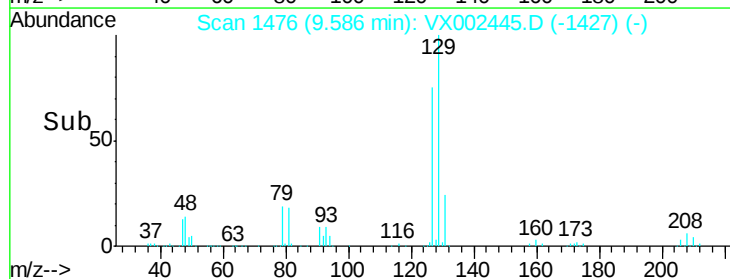
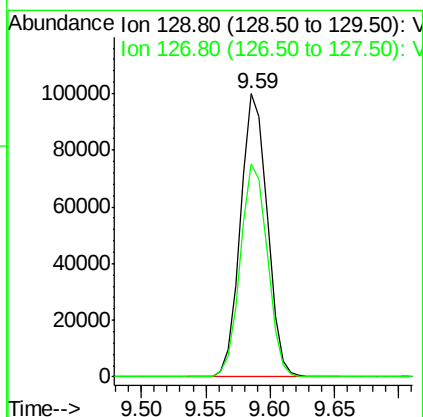
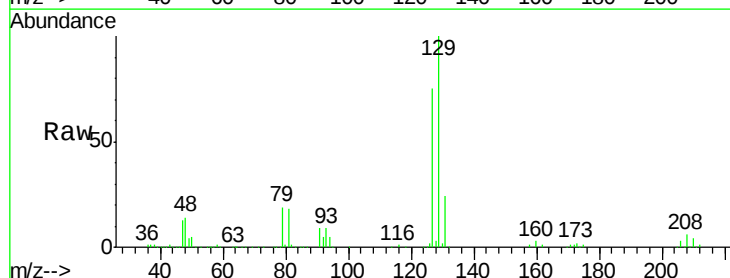
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

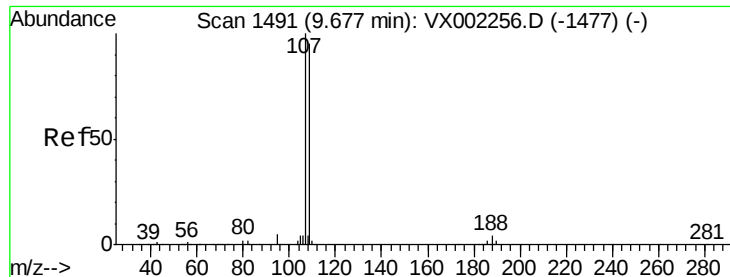
Tot Ion: 43 Resp: 828860
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6



#60
Dibromochloromethane
Concen: 55.05 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion: 129 Resp: 143554
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.82 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

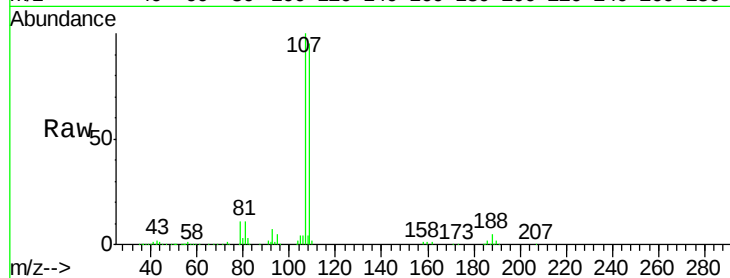
VSTDCCC050EC

Tot Ion:107 Resp: 142776

Ion Ratio Lower Upper

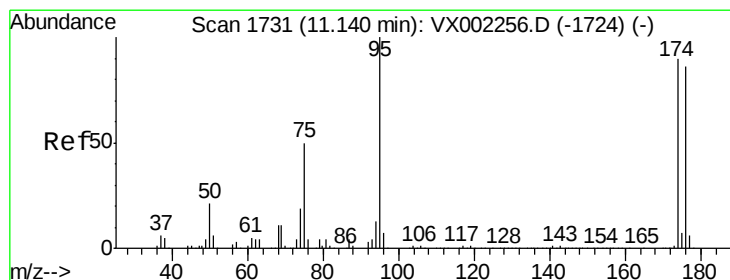
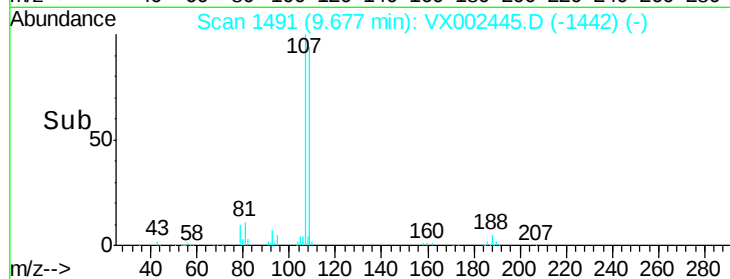
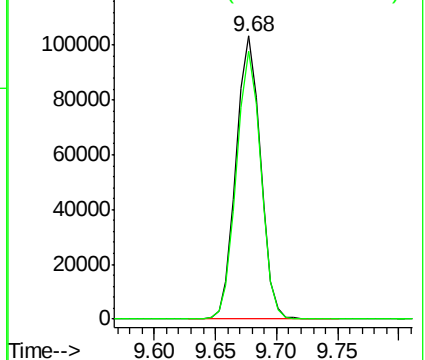
107 100

109 94.5 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: 19.24 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

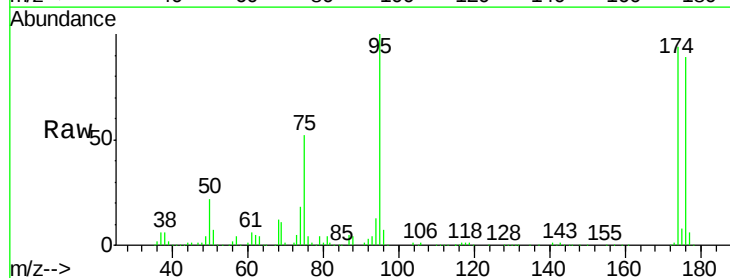
Tgt Ion: 95 Resp: 68772

Ion Ratio Lower Upper

95 100

174 96.8 0.0 187.4

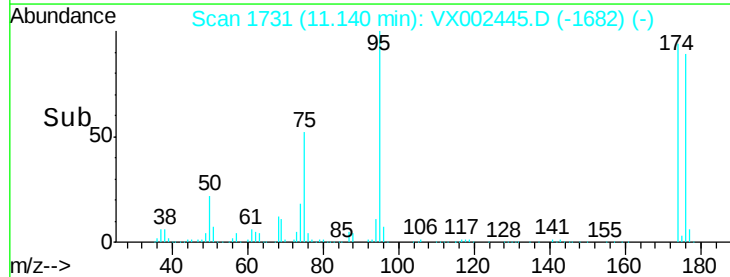
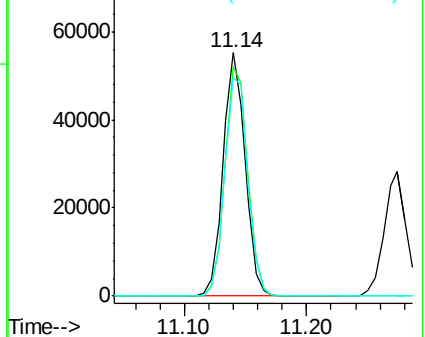
176 94.4 0.0 181.0

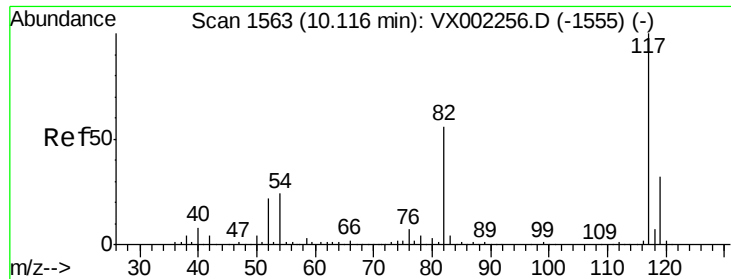


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

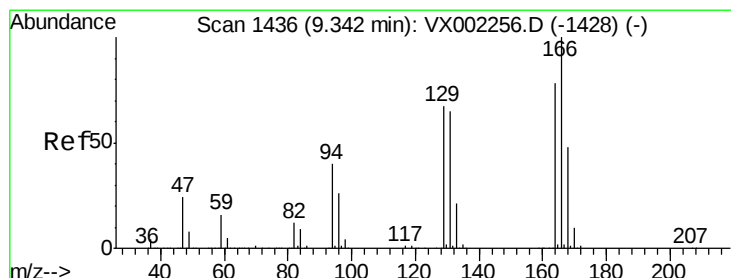
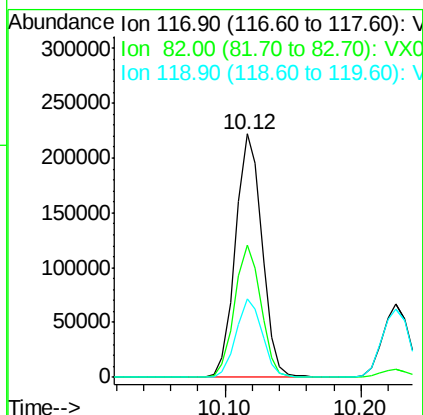
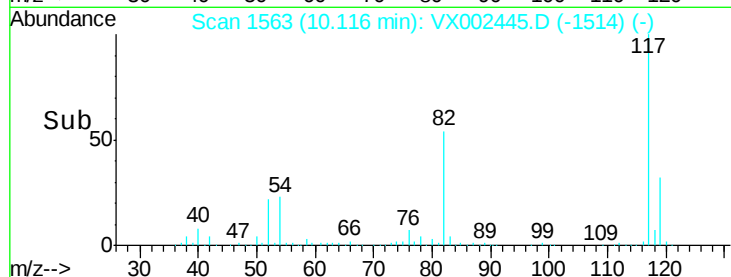
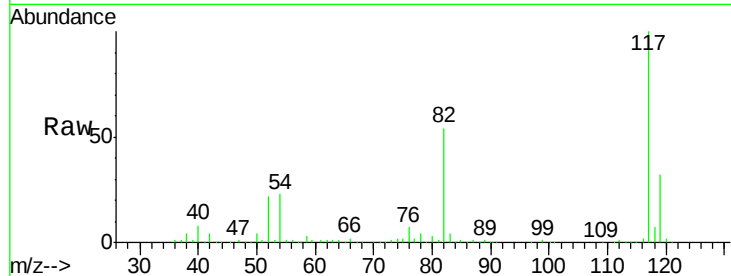




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

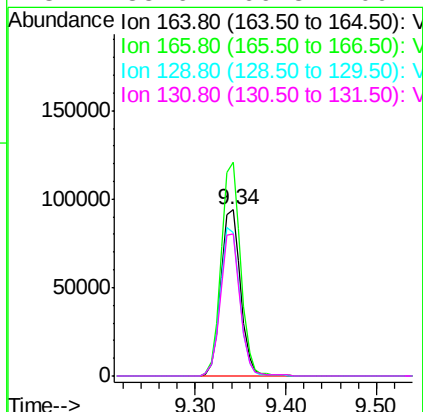
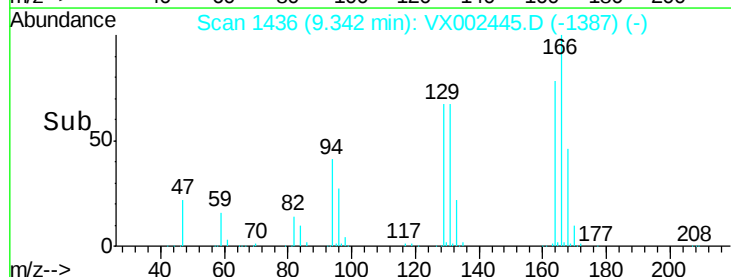
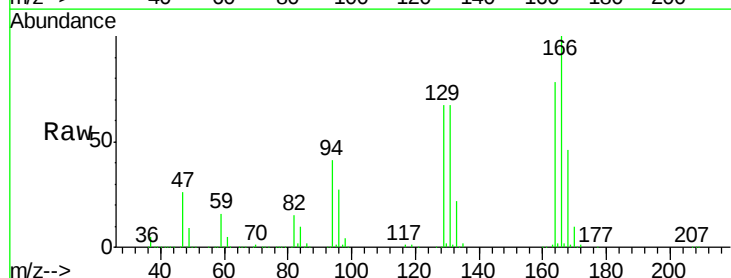
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

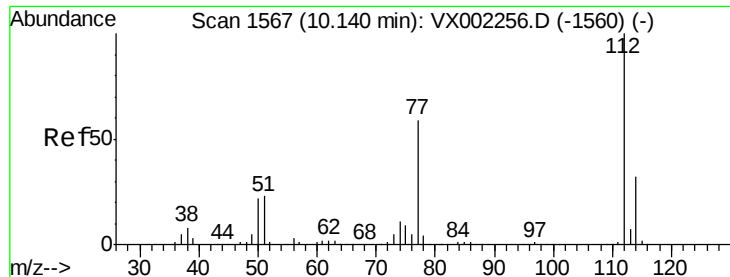
Tot Ion:117 Resp: 301854
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 45.82 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion:164 Resp: 142647
Ion Ratio Lower Upper
164 100
166 128.5 102.9 154.3
129 86.6 68.6 102.8
131 85.6 66.8 100.2





#65

Chlorobenzene

Concen: 48.51 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

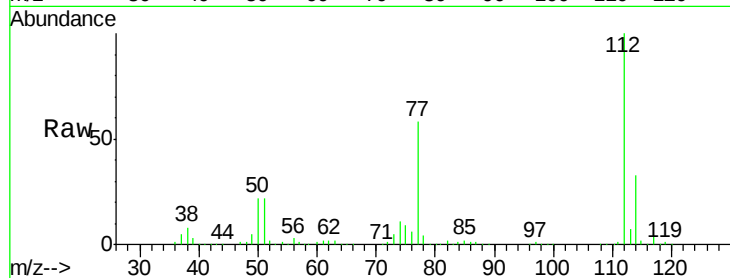
VSTDCCC050EC

Tot Ion:112 Resp: 364336

Ion Ratio Lower Upper

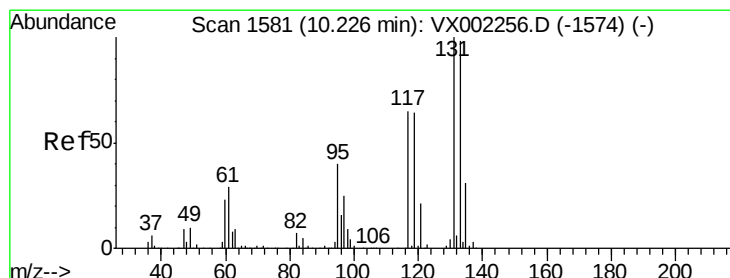
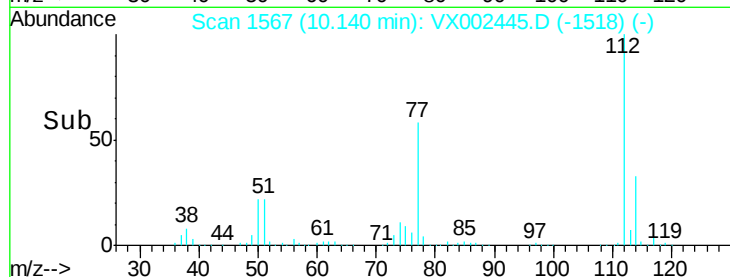
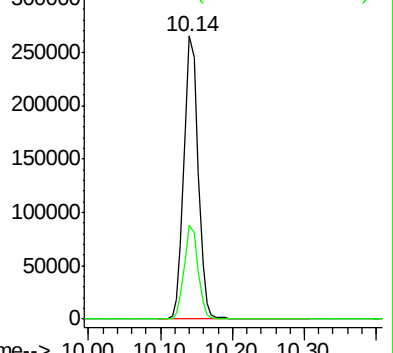
112 100

114 33.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.39 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

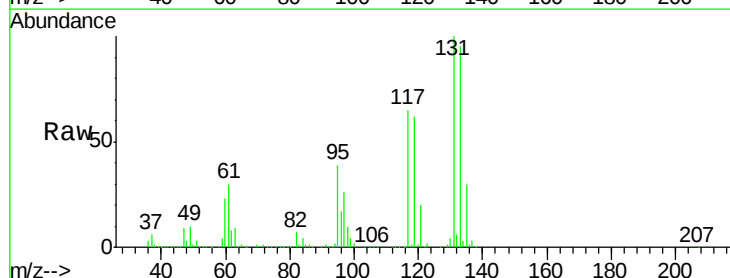
Tgt Ion:131 Resp: 139764

Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

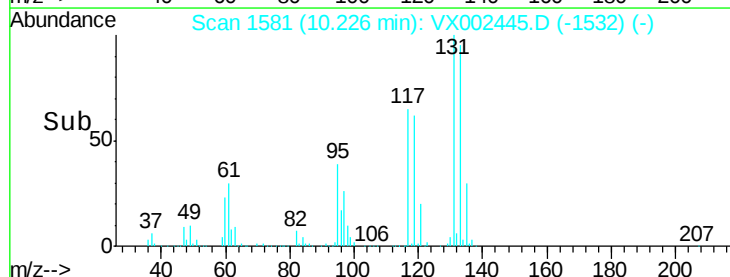
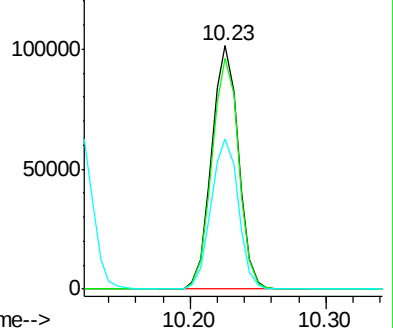
119 62.7 31.8 95.3

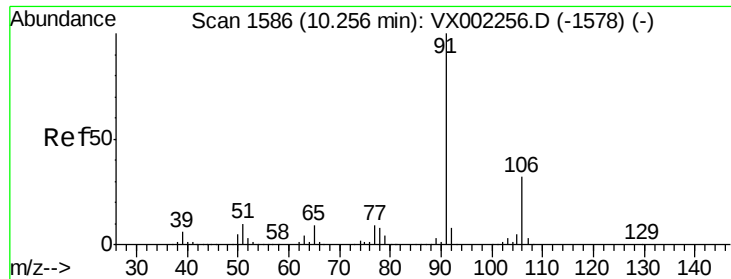


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

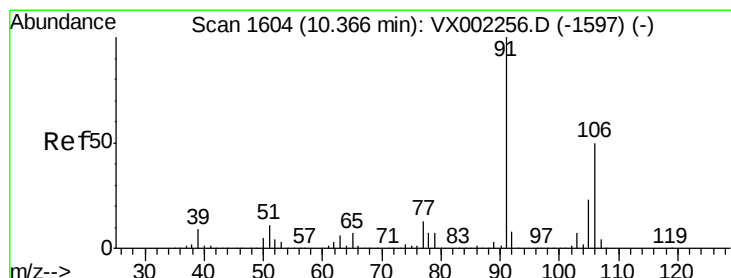
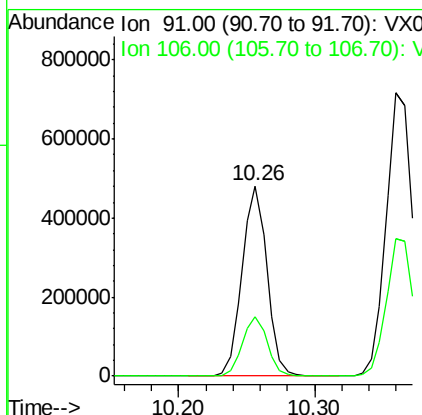
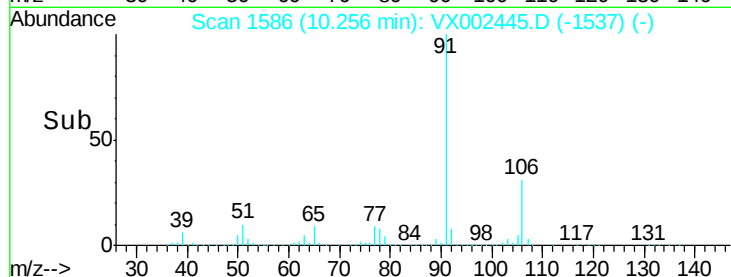
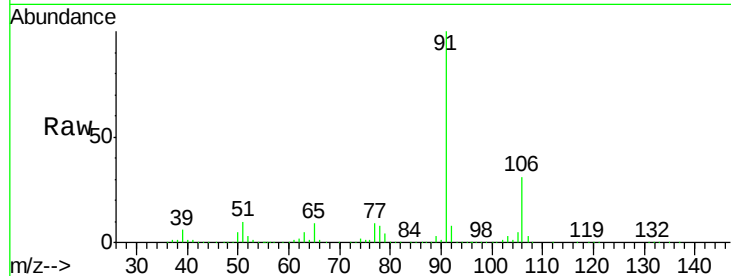




#67
Ethyl Benzene
Concen: 49.03 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

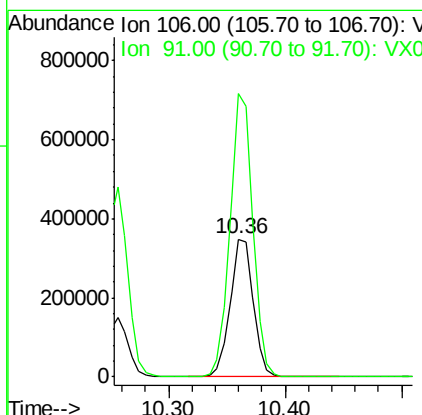
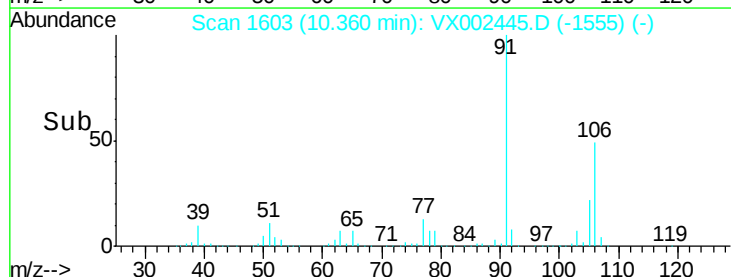
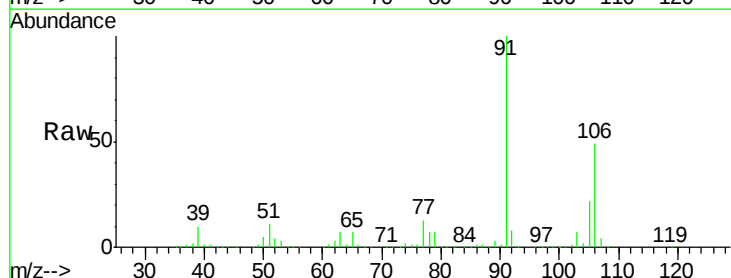
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

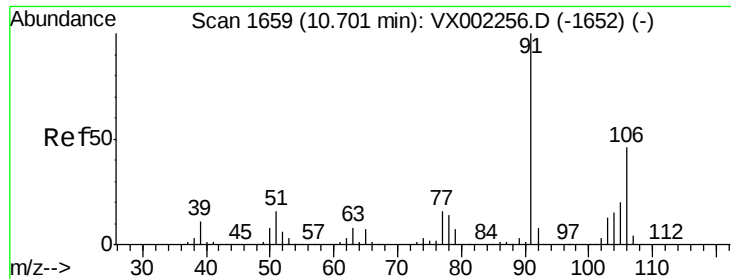
Tot Ion: 91 Resp: 616298
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 98.32 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion: 106 Resp: 480431
Ion Ratio Lower Upper
106 100
91 204.1 163.4 245.2

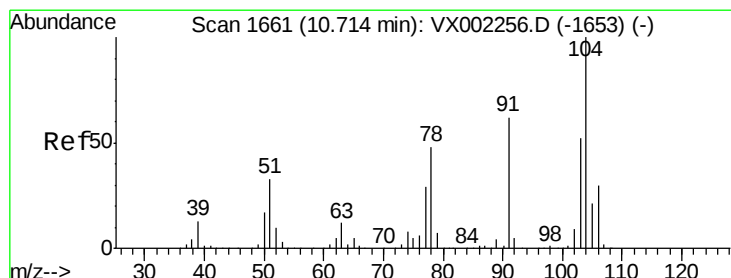
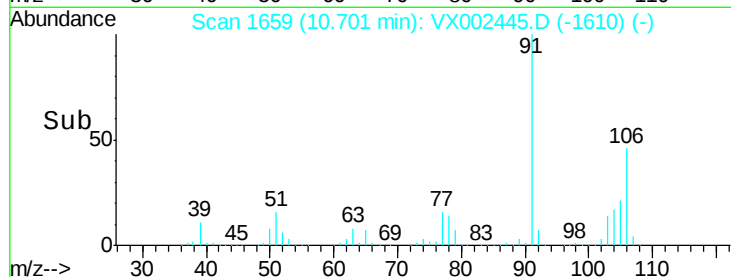
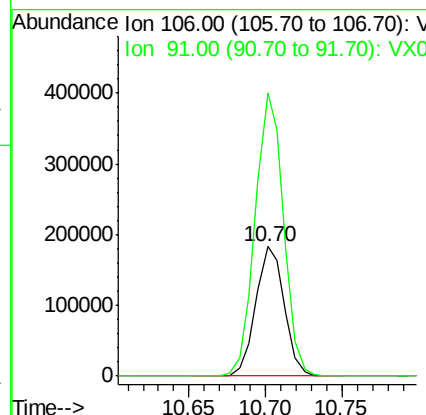
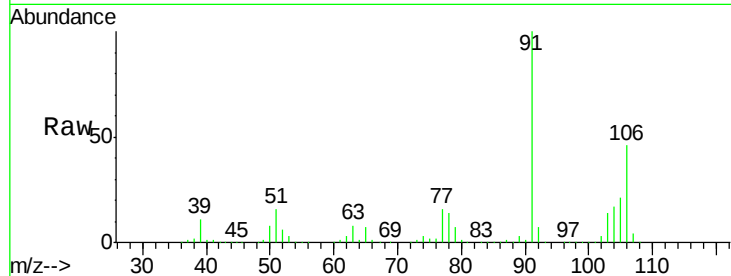




#69
o-Xylene
Concen: 48.92 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

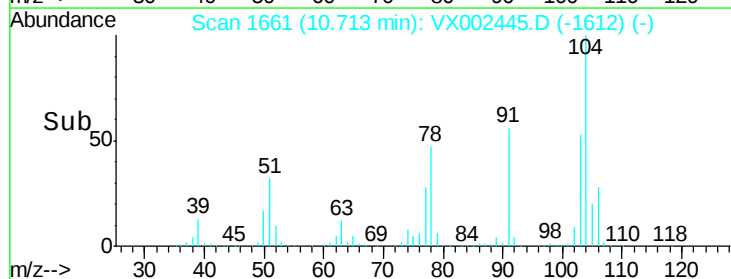
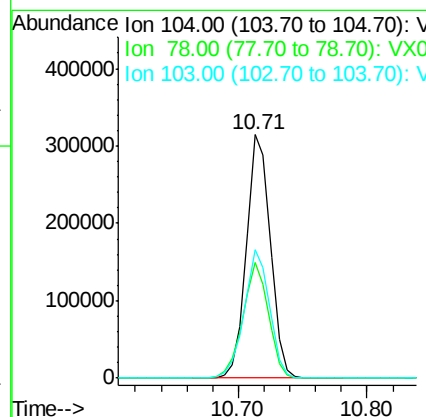
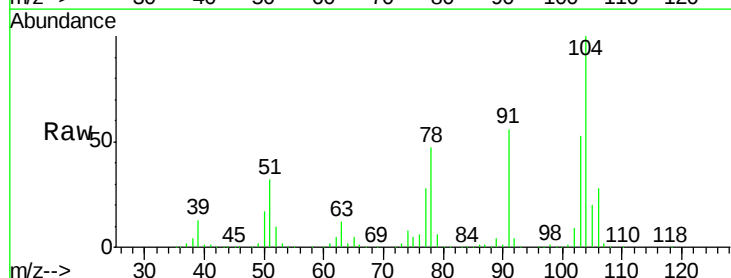
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

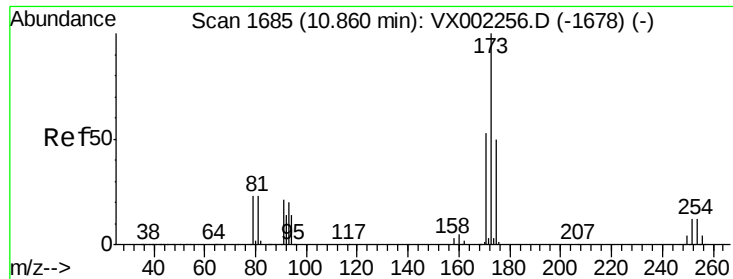
Tot Ion:106 Resp: 237878
Ion Ratio Lower Upper
106 100
91 216.9 108.2 324.6



#70
Styrene
Concen: 50.70 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002445.D
Acq: 11 Jun 2018 16:15

Tgt Ion:104 Resp: 403031
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.6
103 56.0 44.2 66.4





#71

Bromoform

Concen: 46.38 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

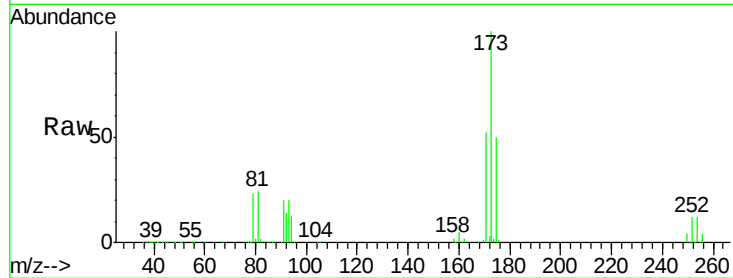
Tot Ion:173 Resp: 112302

Ion Ratio Lower Upper

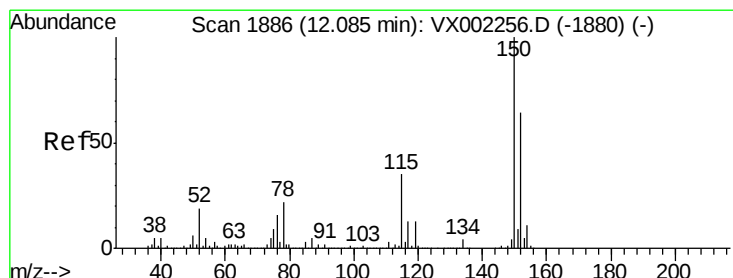
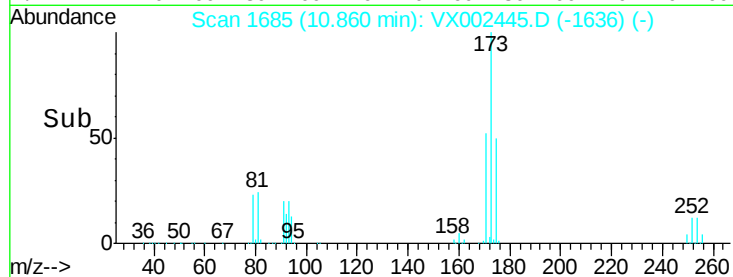
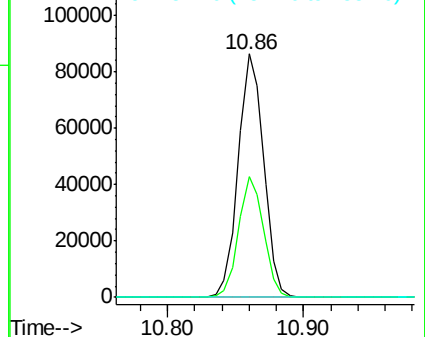
173 100

175 49.0 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

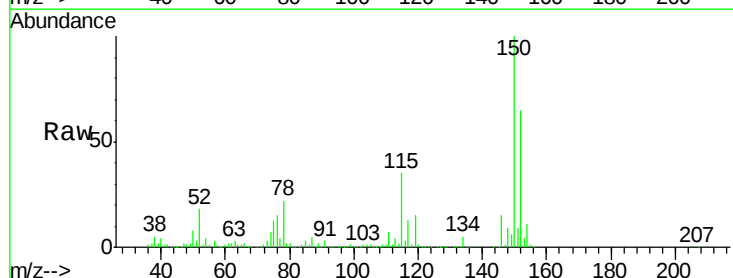
Tgt Ion:152 Resp: 196023

Ion Ratio Lower Upper

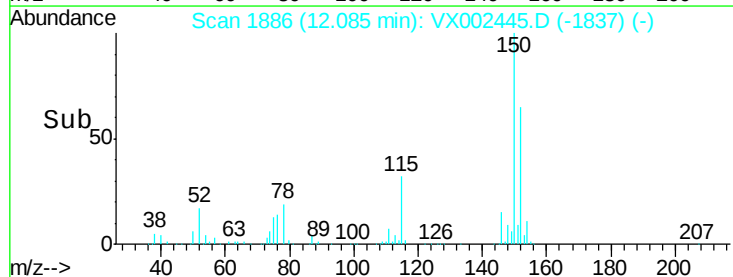
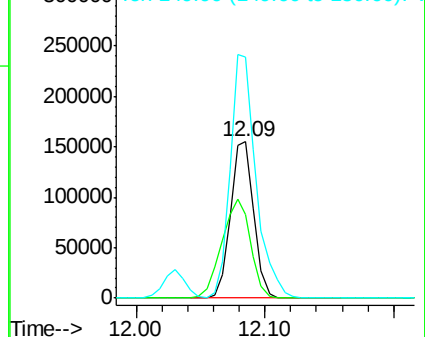
152 100

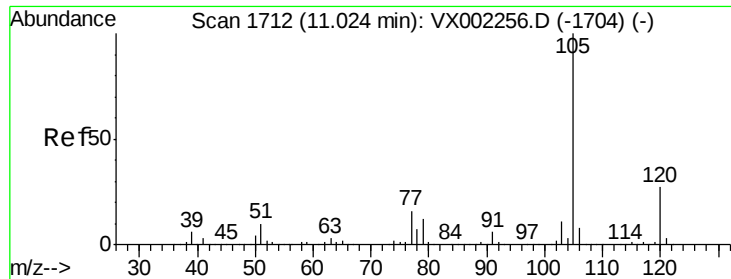
115 78.7 40.1 120.2

150 172.7 0.0 347.2



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





#73

Isopropylbenzene

Concen: 46.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

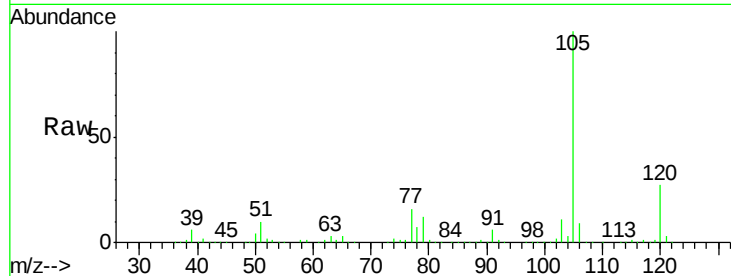
VSTDCCC050EC

Tot Ion:105 Resp: 639846

Ion Ratio Lower Upper

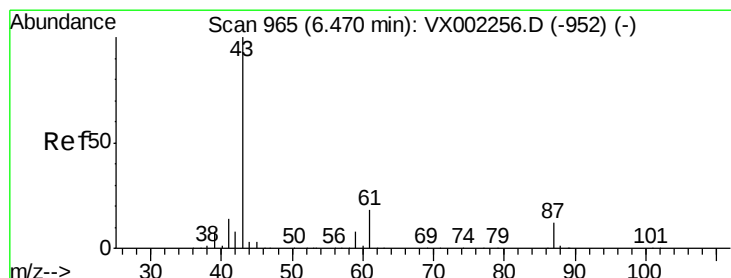
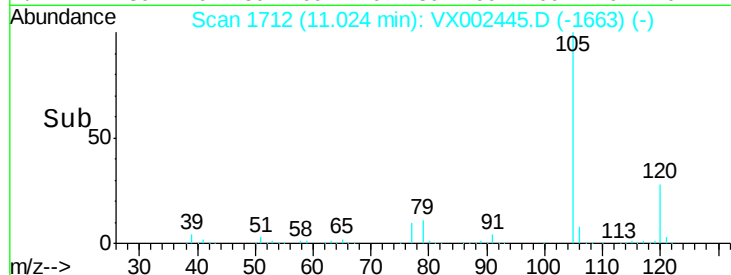
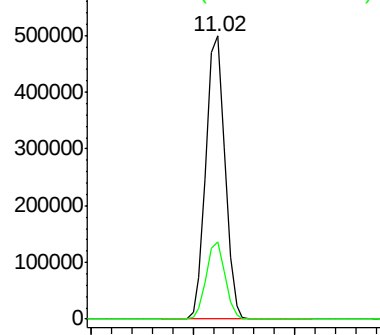
105 100

120 27.1 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: 45.43 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Tgt Ion: 43 Resp: 333824

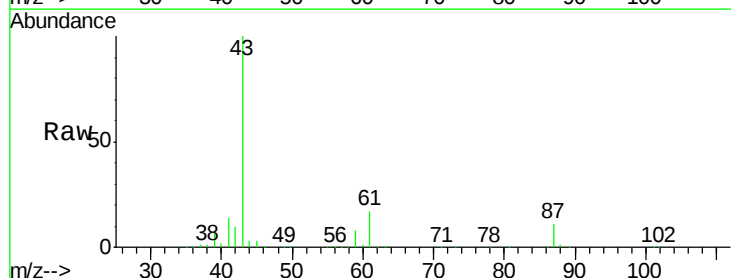
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.7 14.4 21.6

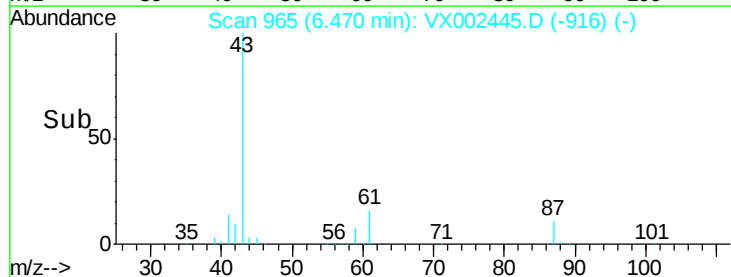
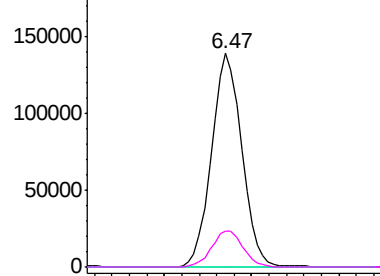


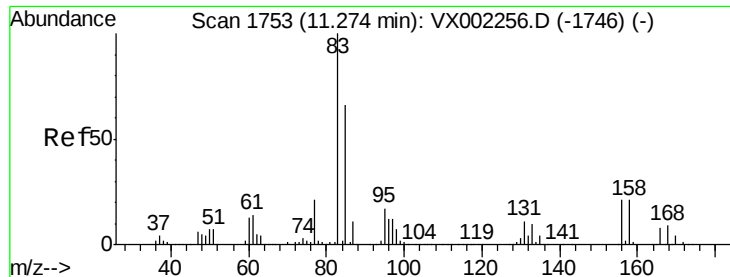
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.73 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

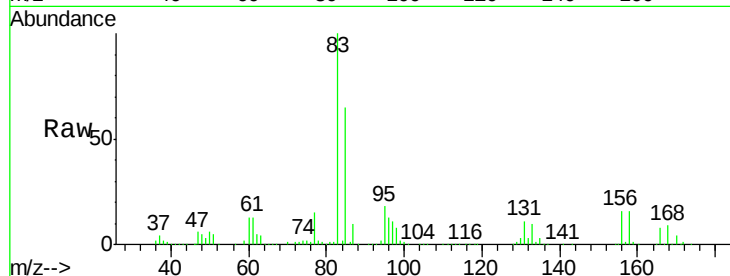
Tot Ion: 83 Resp: 209009

Ion Ratio Lower Upper

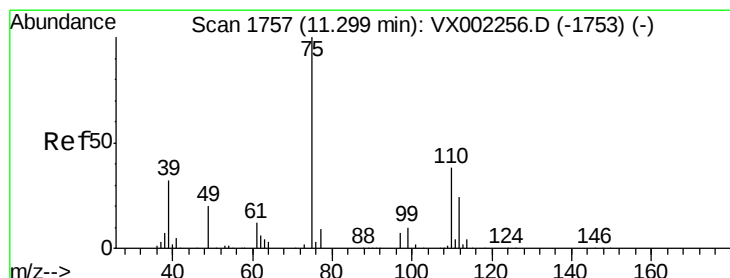
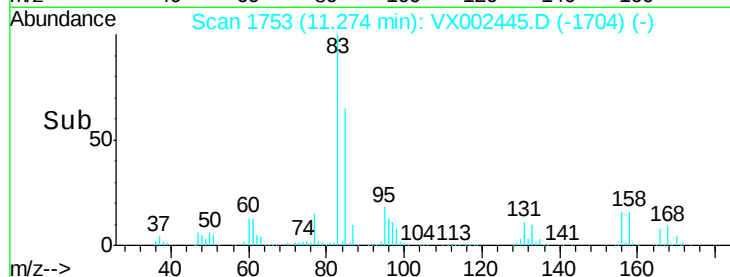
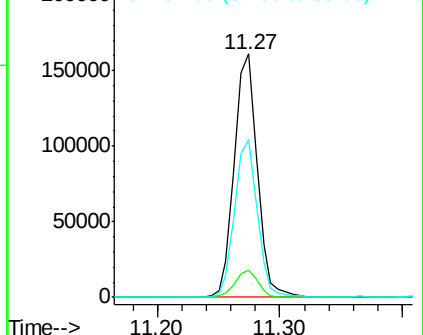
83 100

131 11.1 5.6 16.8

85 64.3 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: 56.46 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002445.D

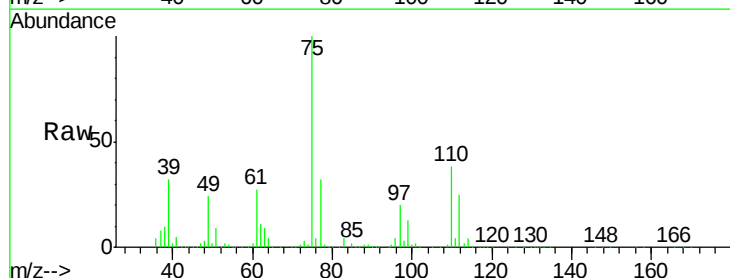
Acq: 11 Jun 2018 16:15

Tgt Ion: 75 Resp: 242844

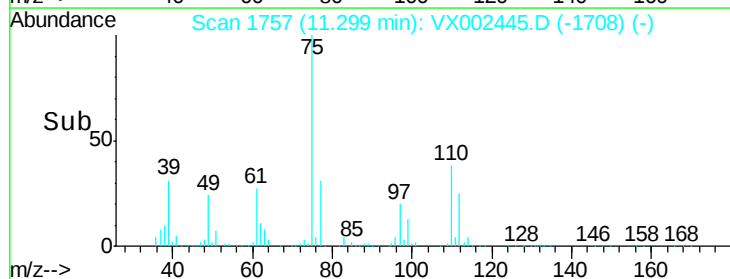
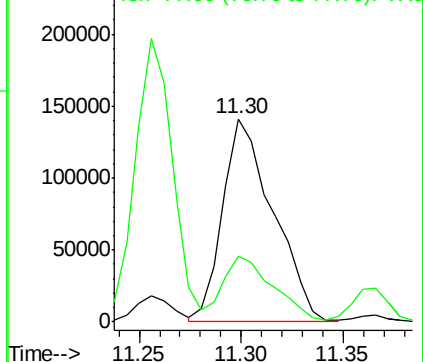
Ion Ratio Lower Upper

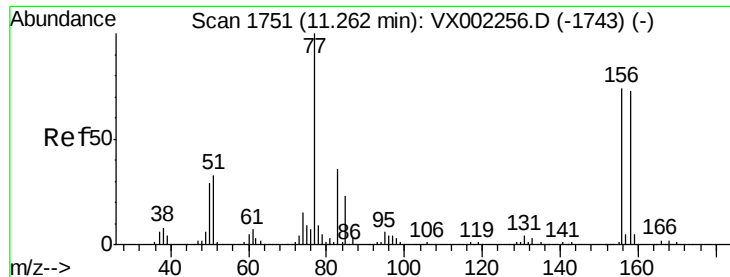
75 100

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: 46.89 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

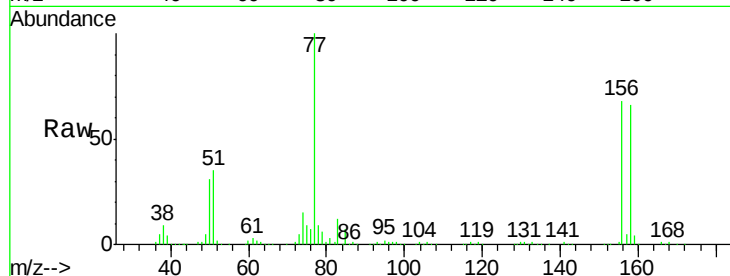
Tot Ion:156 Resp: 179511

Ion Ratio Lower Upper

156 100

77 139.9 71.4 214.2

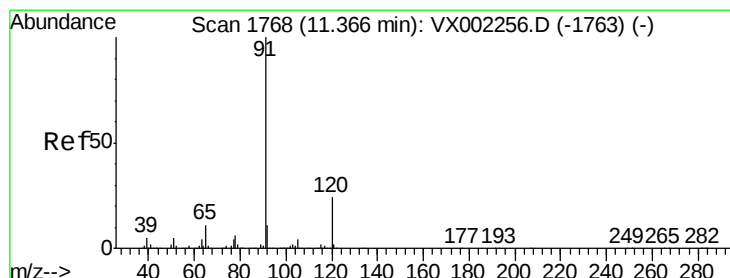
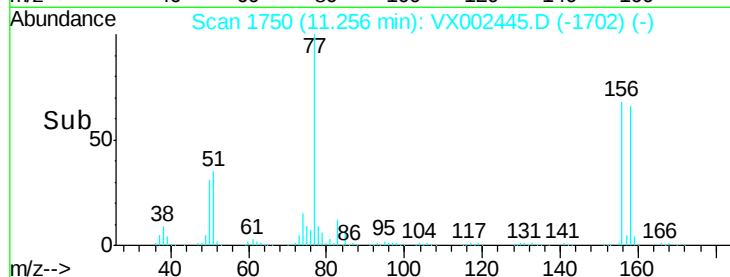
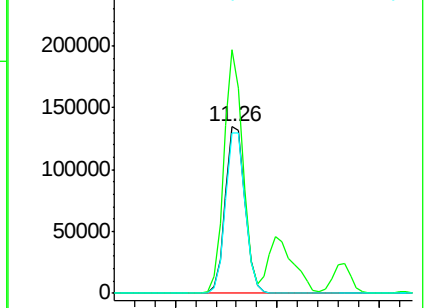
158 97.3 48.9 146.6



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: 48.43 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002445.D

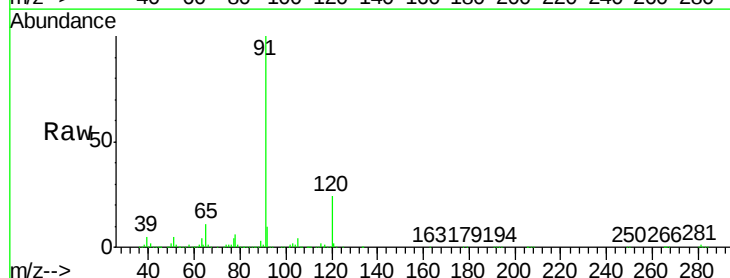
Acq: 11 Jun 2018 16:15

Tgt Ion: 91 Resp: 734004

Ion Ratio Lower Upper

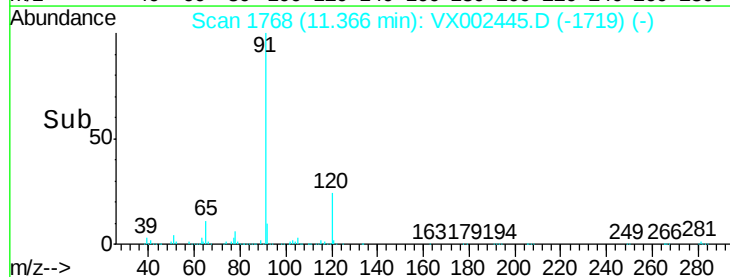
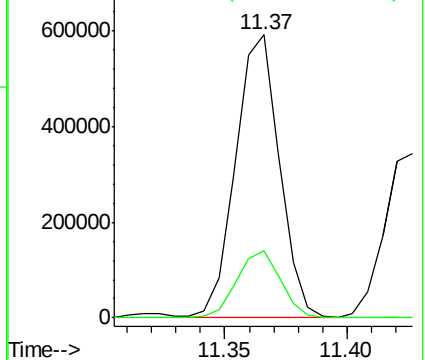
91 100

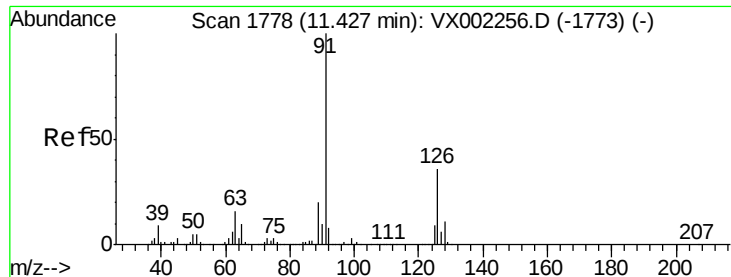
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.68 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

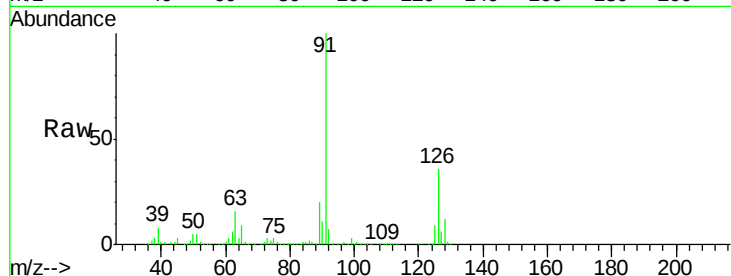
VSTDCCC050EC

Tot Ion: 91 Resp: 437175

Ion Ratio Lower Upper

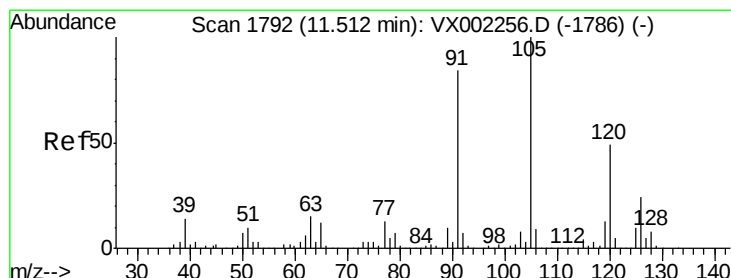
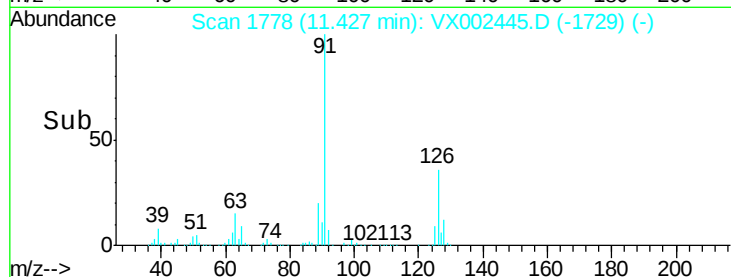
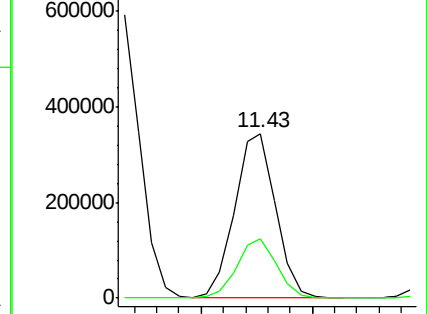
91 100

126 35.6 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: 47.11 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002445.D

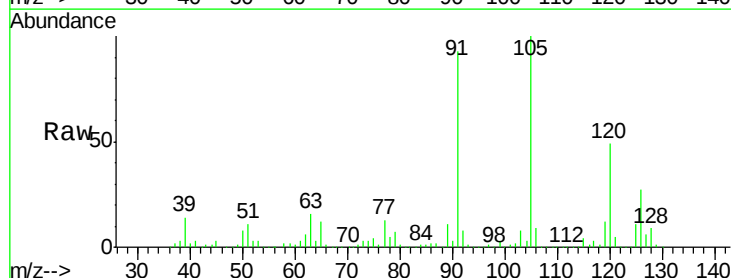
Acq: 11 Jun 2018 16:15

Tgt Ion: 105 Resp: 551009

Ion Ratio Lower Upper

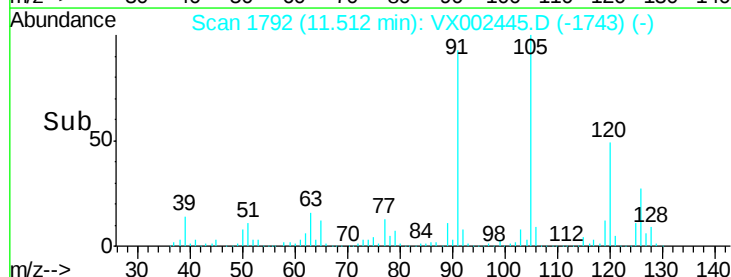
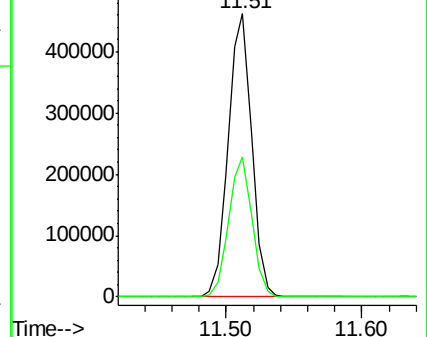
105 100

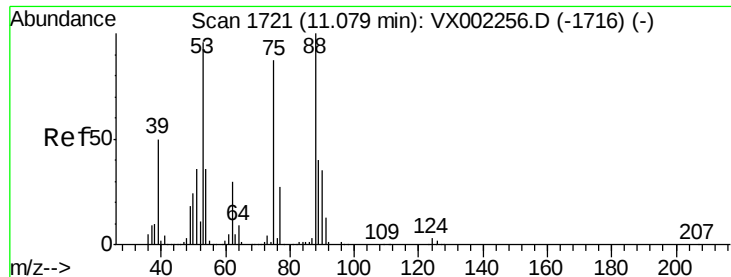
120 49.0 24.4 73.4



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: 47.20 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

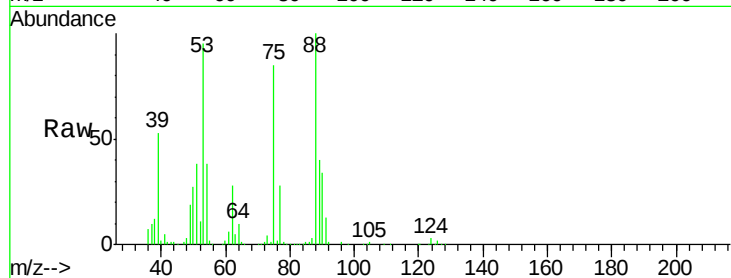
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 57920

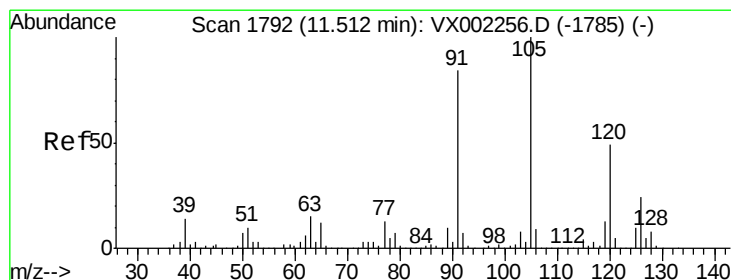
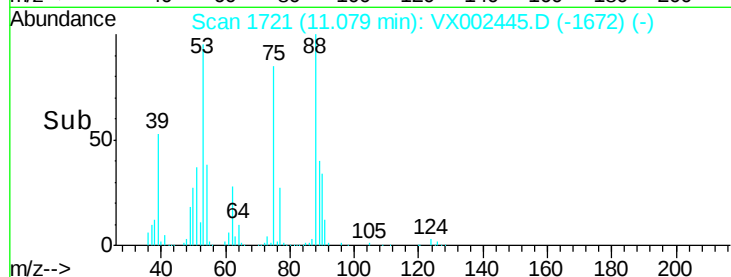
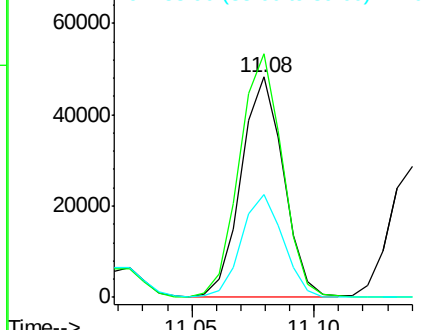
Ion	Ratio	Lower	Upper
75	100		
53	112.0	86.8	130.2
89	46.4	38.2	57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.14 ug/l

RT: 11.51 min Scan# 1792

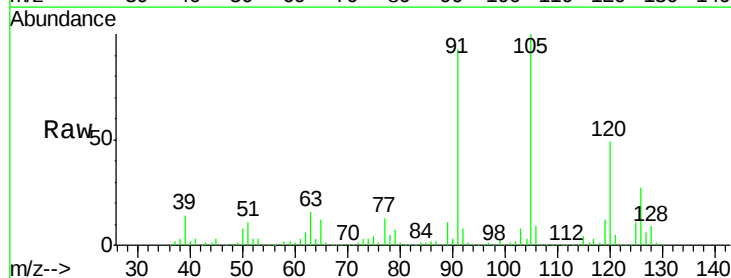
Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

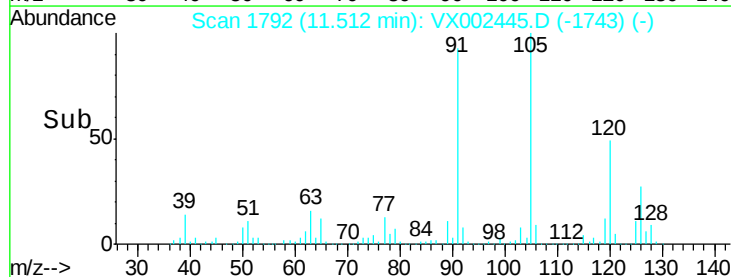
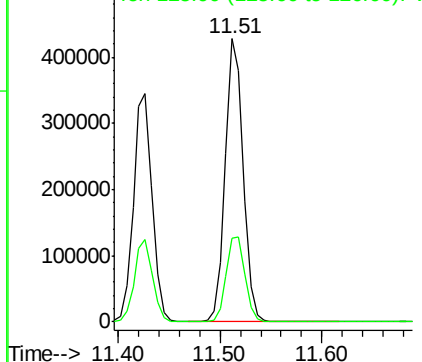
Tgt Ion: 91 Resp: 520707

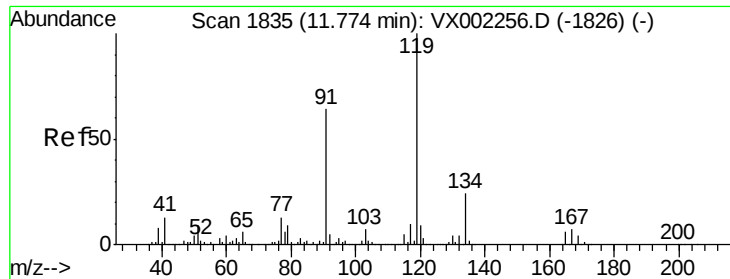
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

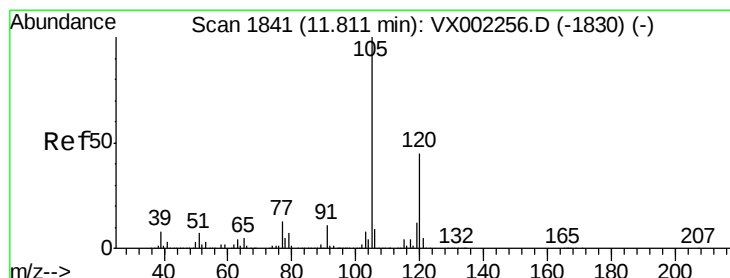
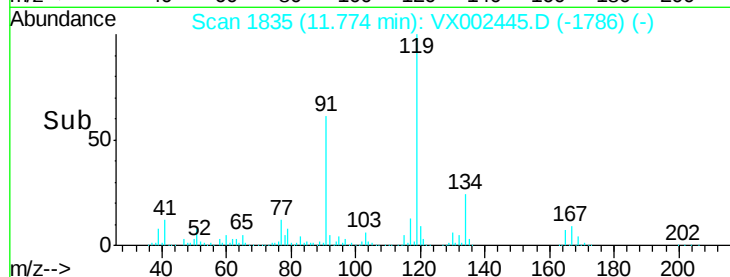
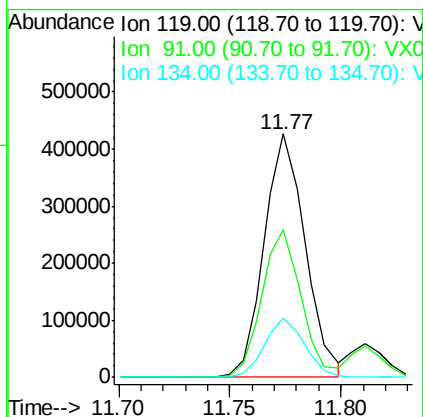
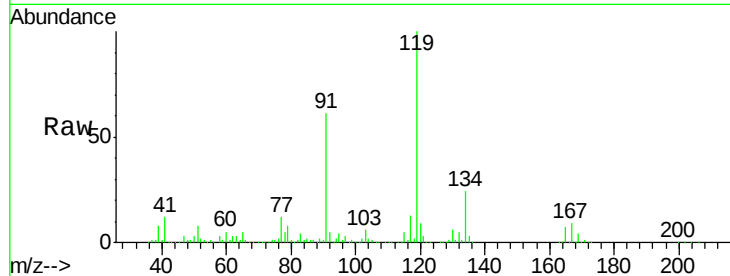




#83
 tert-Butylbenzene
 Concen: 48.03 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

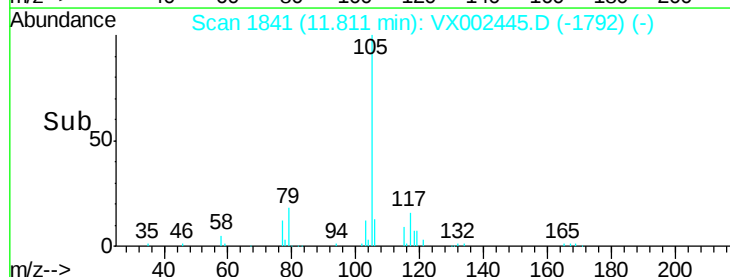
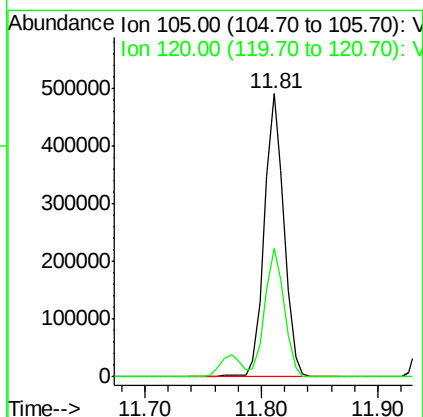
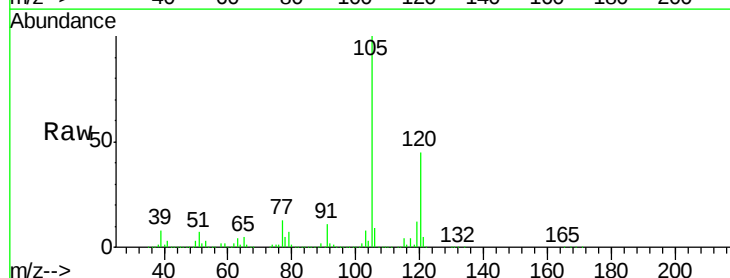
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

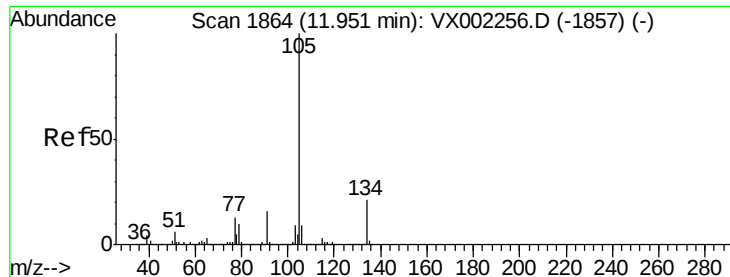
Tot Ion:119 Resp: 546990
 Ion Ratio Lower Upper
 119 100
 91 58.5 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.31 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion:105 Resp: 569642
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.38 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

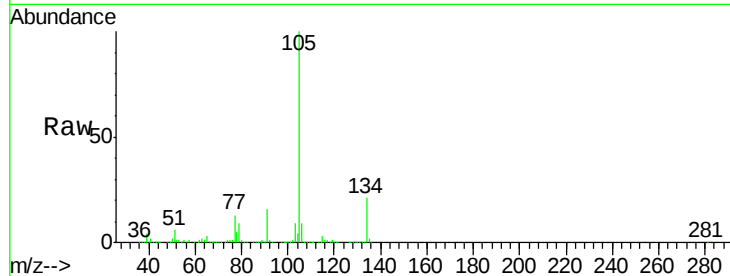
VSTDCCC050EC

Tot Ion:105 Resp: 659272

Ion Ratio Lower Upper

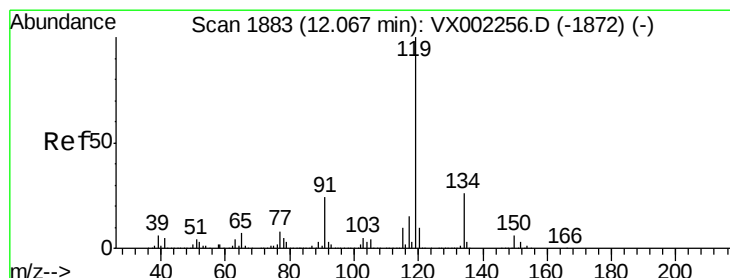
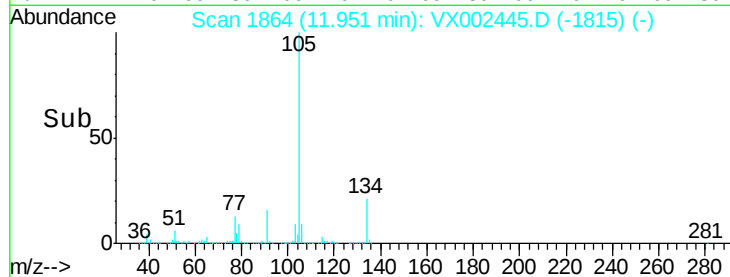
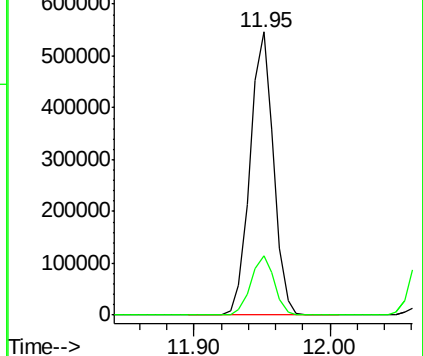
105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.63 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

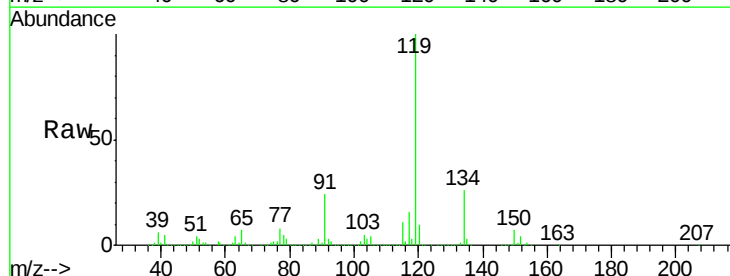
Tgt Ion:119 Resp: 603663

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

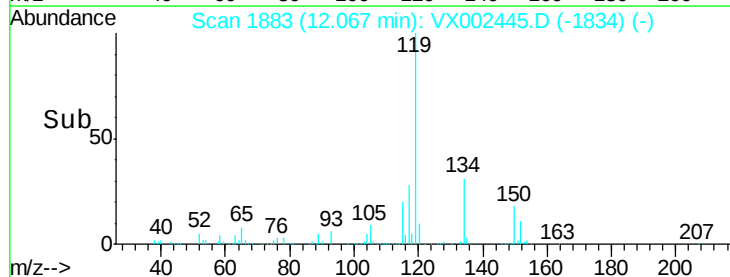
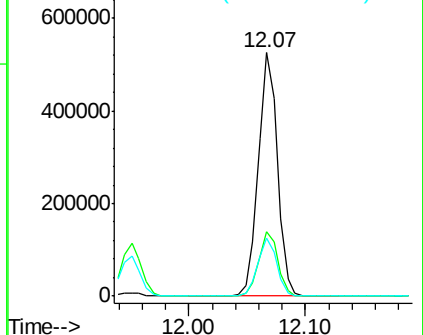
91 23.6 11.9 35.7

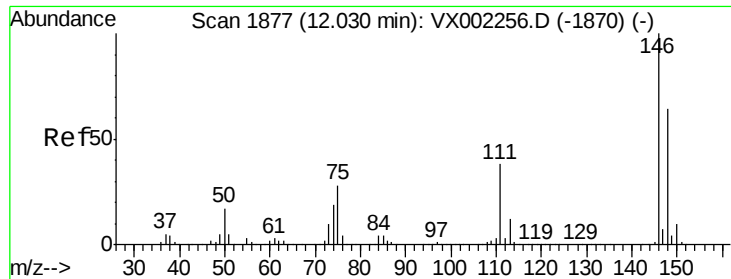


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.91 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

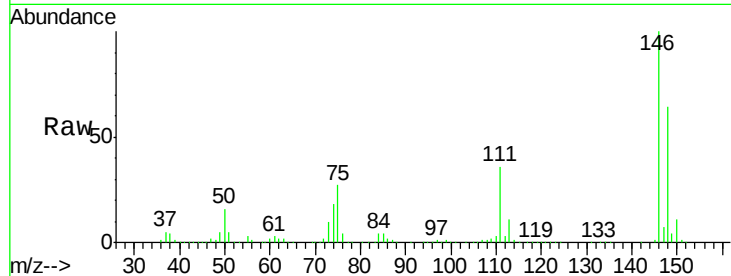
Tot Ion:146 Resp: 327970

Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.7

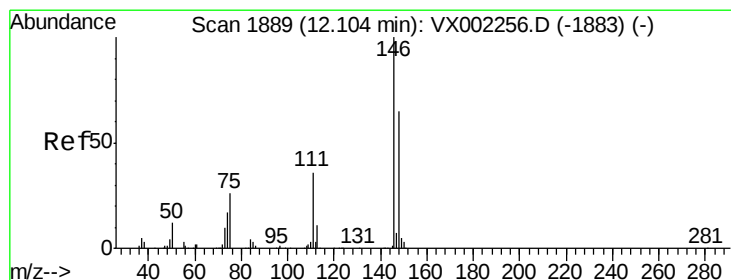
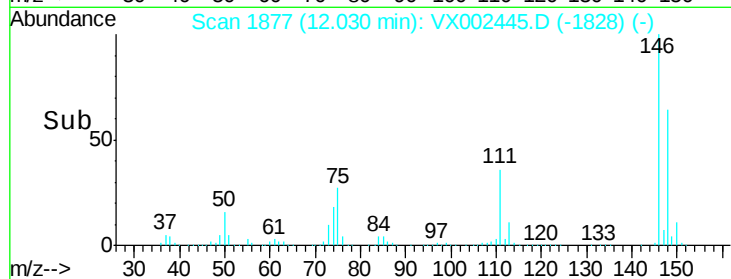
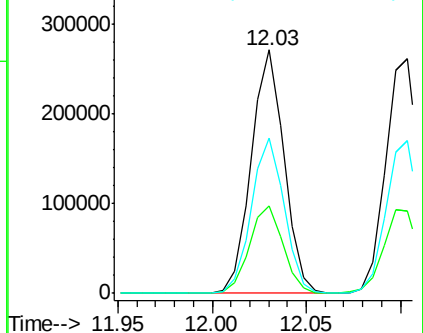
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.19 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

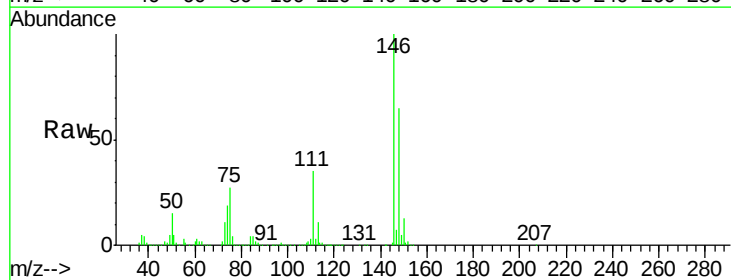
Tgt Ion:146 Resp: 332919

Ion Ratio Lower Upper

146 100

111 36.6 18.7 56.1

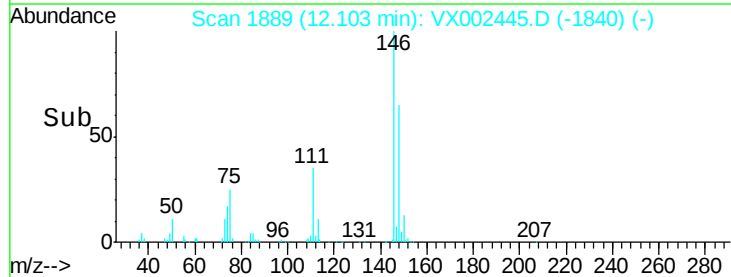
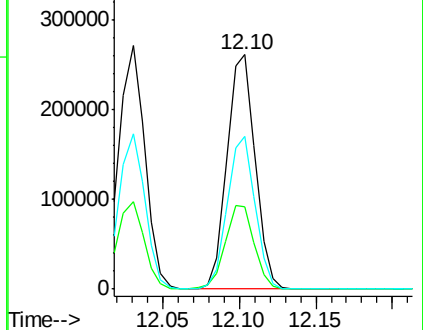
148 64.0 32.4 97.0

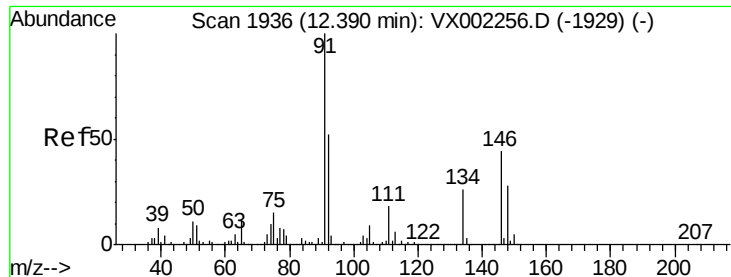


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.70 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

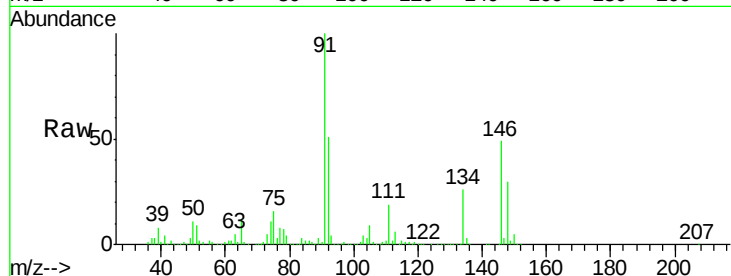
Tot Ion: 91 Resp: 527308

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 27.2 13.5 40.5

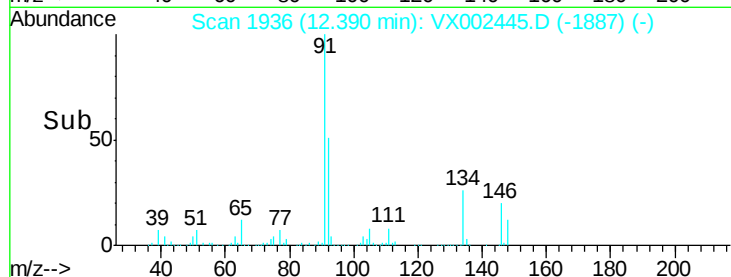


Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1929) (-)

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

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

Time-->

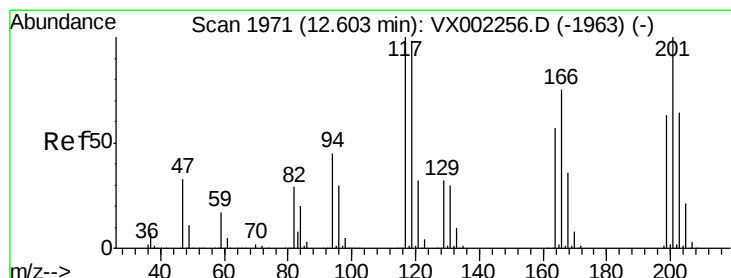


Abundance Ion 91.00 (90.70 to 91.70): VX002445.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX002445.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX002445.D (-1887) (-)

Time-->



#90

Hexachloroethane

Concen: 46.79 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002445.D

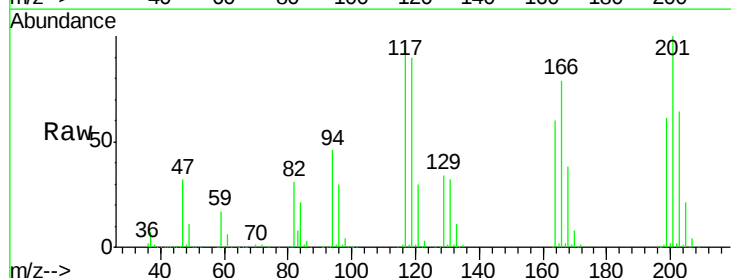
Acq: 11 Jun 2018 16:15

Tgt Ion: 117 Resp: 90849

Ion Ratio Lower Upper

117 100

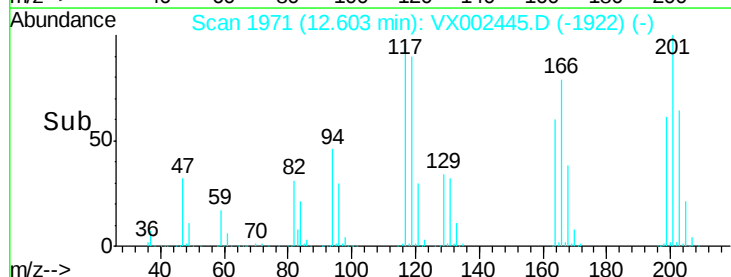
201 97.8 49.0 147.0



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

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

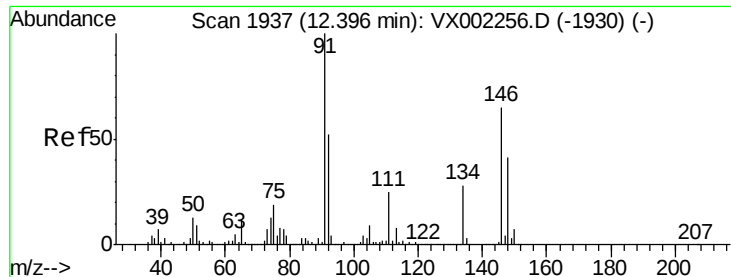
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX002445.D (-1922) (-)

Ion 200.70 (200.40 to 201.40): VX002445.D (-1922) (-)

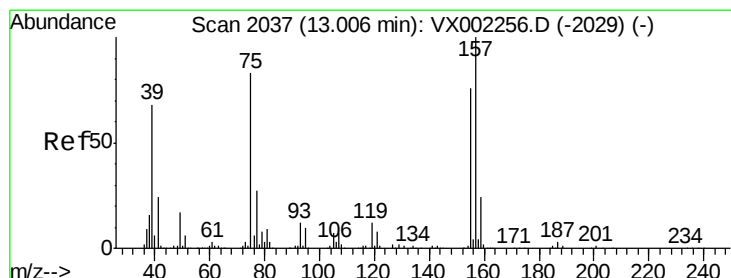
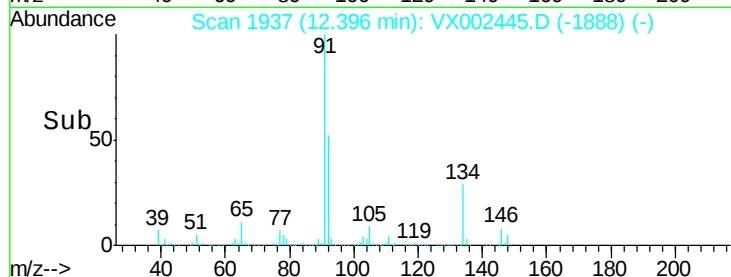
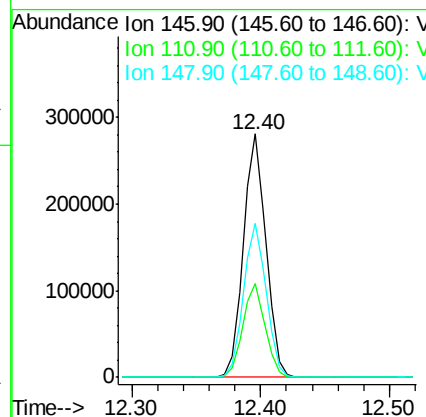
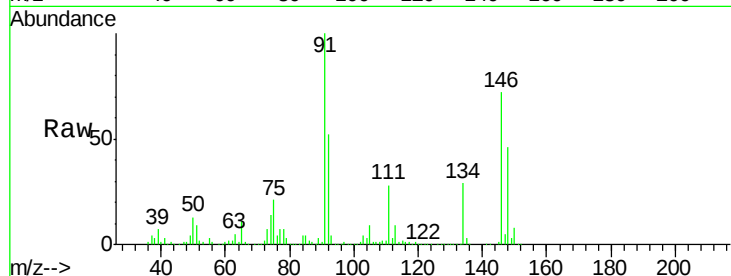
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 48.07 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

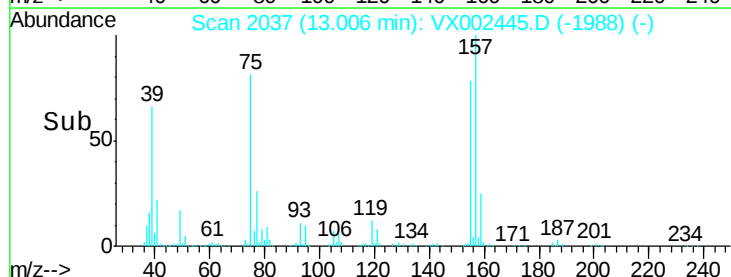
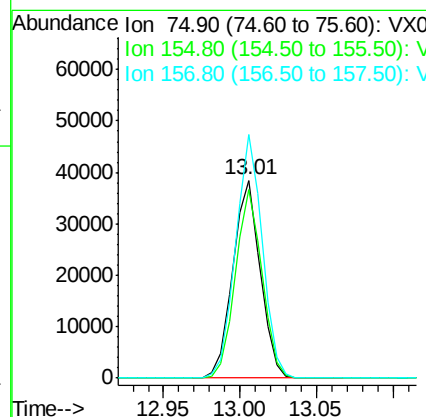
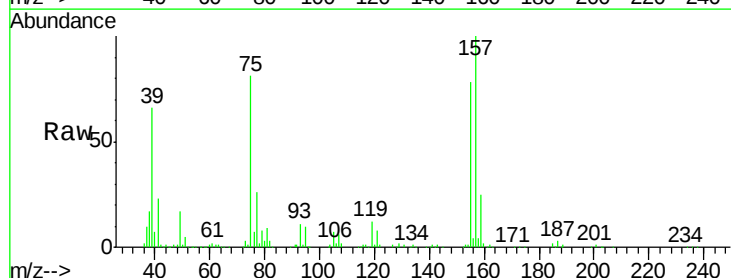
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

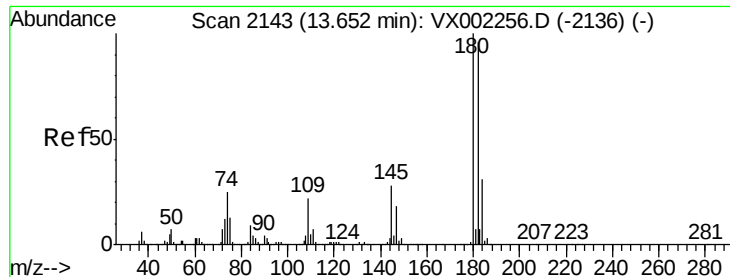
Tot Ion:146 Resp: 340409
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.1
 148 63.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.91 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion: 75 Resp: 47750
 Ion Ratio Lower Upper
 75 100
 155 92.8 45.8 137.4
 157 119.9 60.1 180.3

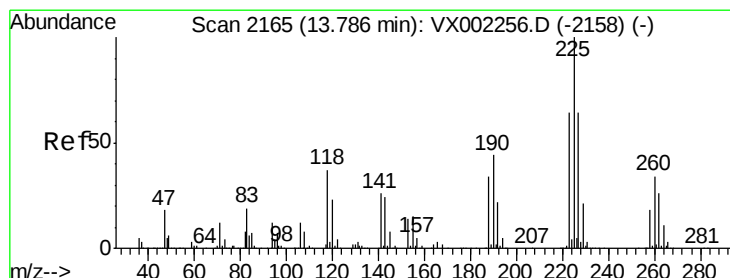
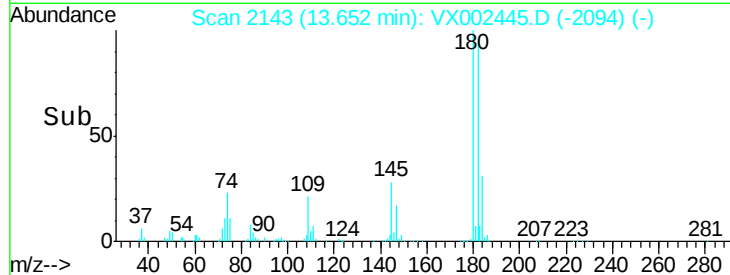
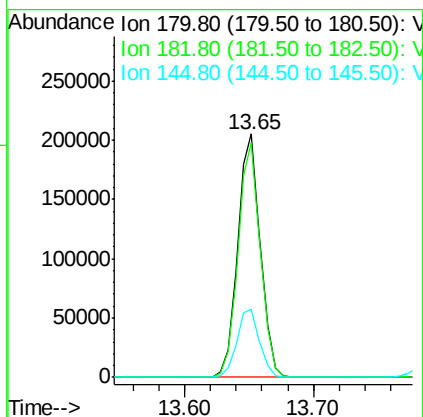
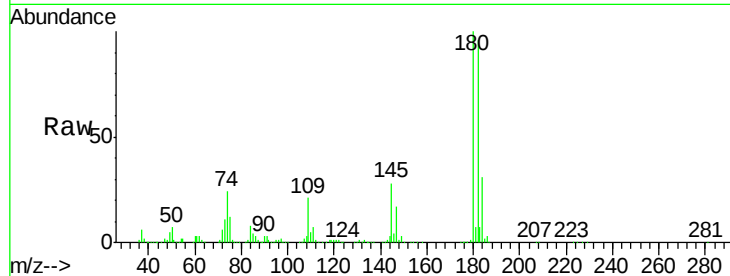




#93
 1,2,4-Trichlorobenzene
 Concen: 49.94 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

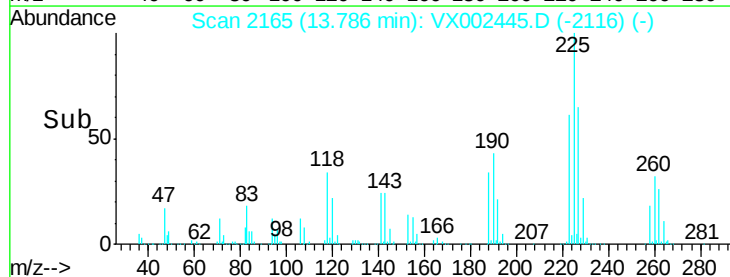
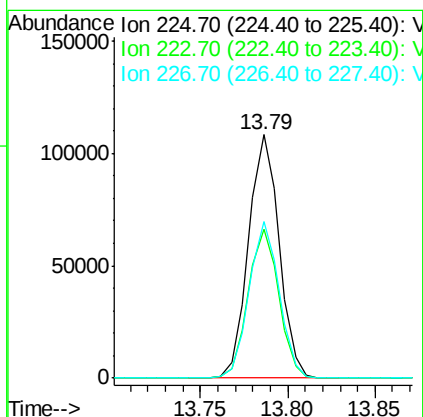
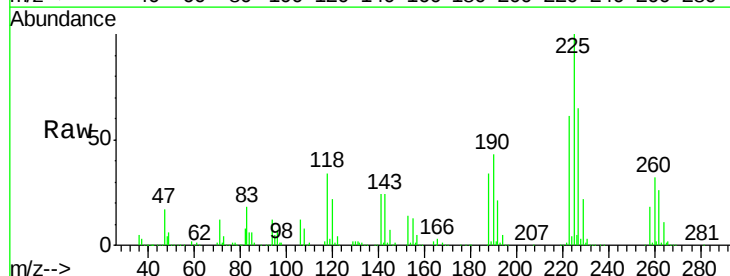
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

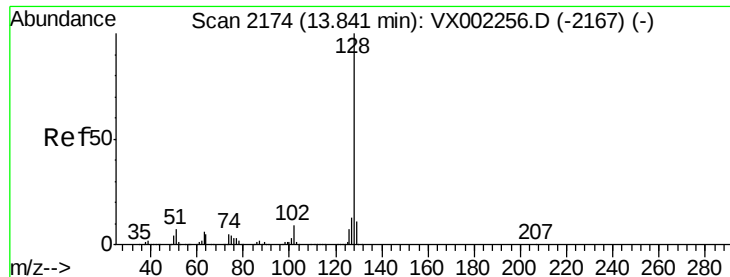
Tot Ion:180 Resp: 248020
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 53.71 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002445.D
 Acq: 11 Jun 2018 16:15

Tgt Ion:225 Resp: 131802
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.6 95.0
 227 63.3 32.4 97.2





#95

Naphthalene

Concen: 50.67 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

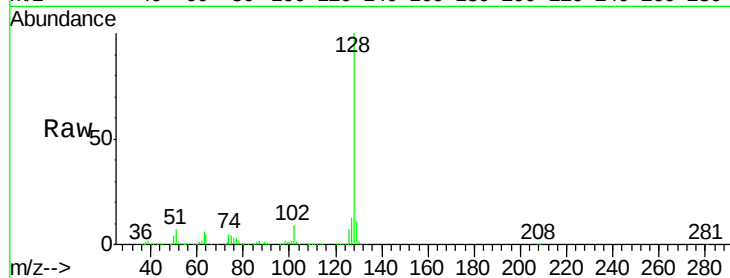
Tot Ion:128 Resp: 723010

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

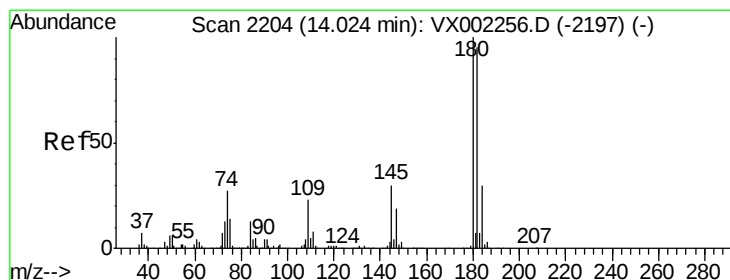
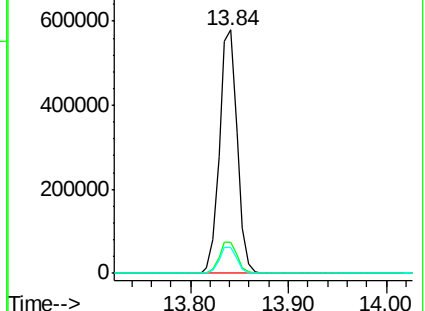
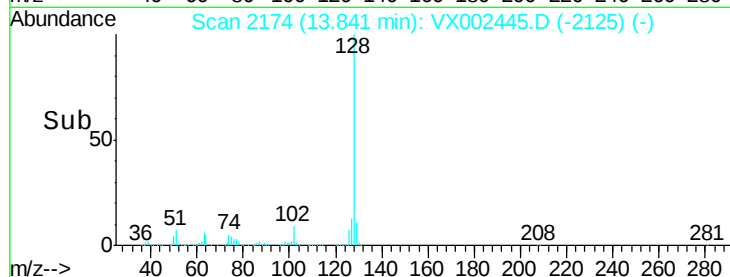
129 10.9 8.6 13.0



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: 50.34 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002445.D

Acq: 11 Jun 2018 16:15

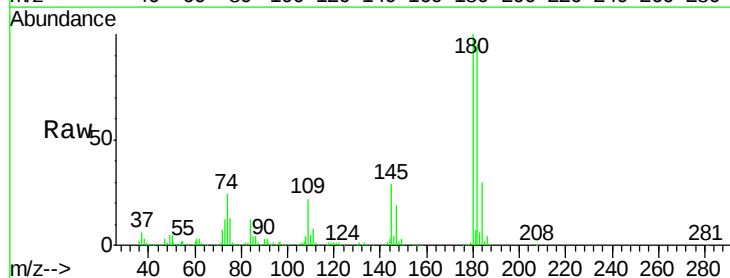
Tgt Ion:180 Resp: 254972

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.0

145 28.8 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

