

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
 Data File : VX002346.D
 Acq On : 06 Jun 2018 12:23
 Operator : JC/MD
 Sample : VX0606WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

Quant Time: Jun 07 03:20:25 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	268047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	383663	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	370829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	233070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	199622	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
35) Dibromofluoromethane	5.51	113	146441	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.72	98	575537	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.14	95	216405	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	54662	19.62	ug/l	98
3) Chloromethane	1.32	50	60867	17.18	ug/l	99
4) Vinyl Chloride	1.41	62	65057	18.53	ug/l	99
5) Bromomethane	1.64	94	37680	16.74	ug/l	98
6) Chloroethane	1.73	64	45067	19.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	110566	20.66	ug/l	98
8) Diethyl Ether	2.19	74	41311	20.30	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64821	22.45	ug/l	99
10) Methyl Iodide	2.51	142	52912	13.03	ug/l	97
11) Tert butyl alcohol	3.06	59	83067	93.34	ug/l	99
12) 1,1-Dichloroethene	2.38	96	54557	19.12	ug/l	96
13) Acrolein	2.29	56	28645	68.17	ug/l	100
14) Allyl chloride	2.73	41	109900	17.75	ug/l	99
15) Acrylonitrile	3.15	53	173620	100.64	ug/l	100
16) Acetone	2.45	43	185912	101.38	ug/l	100
17) Carbon Disulfide	2.57	76	121969	16.22	ug/l	97
18) Methyl Acetate	2.78	43	82982	19.99	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	212707	19.97	ug/l	100
20) Methylene Chloride	2.86	84	64593	19.63	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	58358	18.55	ug/l	100
22) Diisopropyl ether	3.87	45	225348	20.92	ug/l	94
23) Vinyl Acetate	3.82	43	984143	98.03	ug/l	100
24) 1,1-Dichloroethane	3.70	63	117201	19.15	ug/l	99
25) 2-Butanone	4.71	43	231681	88.15	ug/l	98
26) 2,2-Dichloropropane	4.59	77	77836	16.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	58426	17.07	ug/l	95
28) Bromochloromethane	5.02	49	58087	20.19	ug/l	100
29) Tetrahydrofuran	5.17	42	144795	85.45	ug/l	99
30) Chloroform	5.22	83	102770	17.40	ug/l	97
31) Cyclohexane	5.58	56	90795	18.76	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	87352	17.44	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74074	18.37	ug/l	99
37) Ethyl Acetate	4.86	43	88338	18.21	ug/l	100
38) Carbon Tetrachloride	5.79	117	75351	17.86	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

Quant Time: Jun 07 03:20:25 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)
39) Methylcyclohexane	7.46	83	95528	19.33	ug/l	98
40) Benzene	6.15	78	225659	18.25	ug/l	99
41) Methacrylonitrile	5.07	41	49767	17.92	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92799	18.89	ug/l	100
43) Isopropyl Acetate	6.47	43	146436	17.77	ug/l	100
44) Trichloroethene	7.22	130	63601	18.53	ug/l	97
45) 1,2-Dichloropropane	7.52	63	61659	18.47	ug/l	95
46) Dibromomethane	7.67	93	40821	18.04	ug/l	99
47) Bromodichloromethane	7.90	83	71438	17.45	ug/l	97
48) Methyl methacrylate	7.78	41	74261	17.94	ug/l	97
49) 1,4-Dioxane	7.76	88	28665	370.45	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	476183	92.81	ug/l	99
52) Toluene	8.79	92	148775	18.91	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	85828	17.48	ug/l	95
54) cis-1,3-Dichloropropene	9.04	75	77956	16.83	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	61859	19.12	ug/l	95
56) Ethyl methacrylate	9.18	69	95060	18.41	ug/l	99
57) 1,3-Dichloropropane	9.38	76	101523	18.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	226686	94.83	ug/l	99
59) 2-Hexanone	9.50	43	370892	93.59	ug/l	100
60) Dibromochloromethane	9.59	129	56067	17.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	64043	18.99	ug/l	98
64) Tetrachloroethene	9.34	164	72106	18.85	ug/l	98
65) Chlorobenzene	10.14	112	172268	18.67	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	58399	17.48	ug/l	98
67) Ethyl Benzene	10.26	91	293486	19.01	ug/l	99
68) m/p-Xylenes	10.36	106	226910	37.80	ug/l	99
69) o-Xylene	10.70	106	112084	18.76	ug/l	99
70) Styrene	10.71	104	181780	18.61	ug/l	99
71) Bromoform	10.86	173	40945	16.19	ug/l #	99
73) Isopropylbenzene	11.02	105	303249	18.70	ug/l	99
74) N-amyl acetate	6.47	43	146436	16.76	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	89765	17.60	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	101025	19.75	ug/l	80
77) Bromobenzene	11.26	156	81035	17.80	ug/l	99
78) n-propylbenzene	11.37	91	348290	19.33	ug/l	100
79) 2-Chlorotoluene	11.43	91	203763	17.91	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	258858	18.61	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20460	14.02	ug/l	86
82) 4-Chlorotoluene	11.51	91	240546	18.31	ug/l	100
83) tert-Butylbenzene	11.77	119	248918	18.38	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	266532	18.62	ug/l	98
85) sec-Butylbenzene	11.95	105	314775	19.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	282524	19.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	148558	18.25	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	151922	18.11	ug/l	100
89) n-Butylbenzene	12.39	91	243856	20.11	ug/l	100
90) Hexachloroethane	12.60	117	36455	15.79	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	153504	18.23	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18180	16.30	ug/l	99

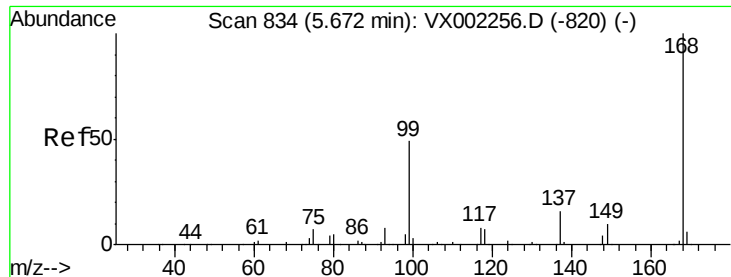
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\
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Quant Time: Jun 07 03:20:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111476	18.88	ug/l	99
94) Hexachlorobutadiene	13.79	225	59299	20.32	ug/l	99
95) Naphthalene	13.84	128	312431	18.42	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113351	18.82	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

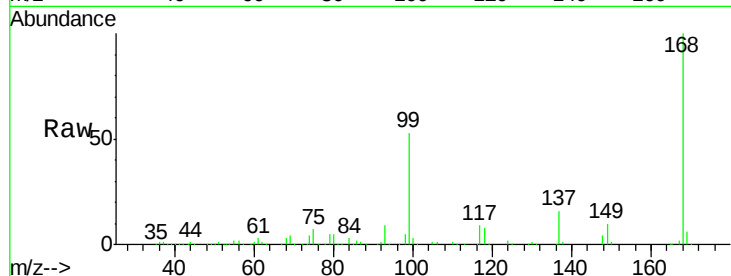
VX0606WBSD01

Tot Ion:168 Resp: 268047

Ion Ratio Lower Upper

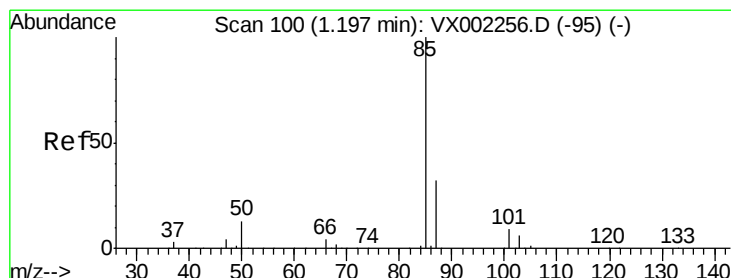
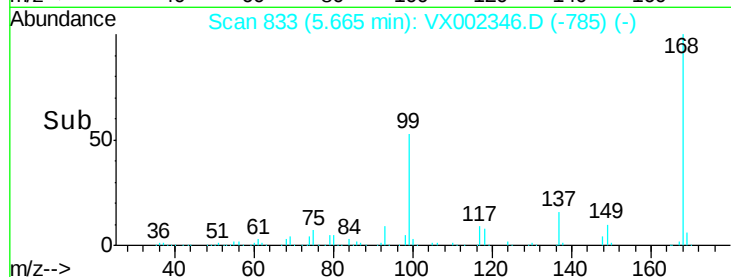
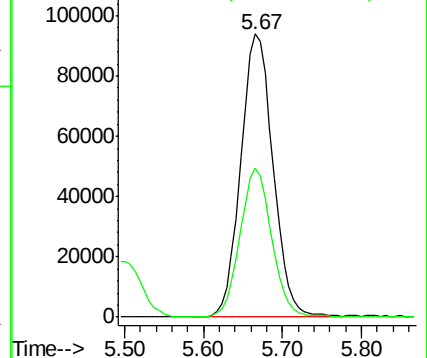
168 100

99 52.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002346.D

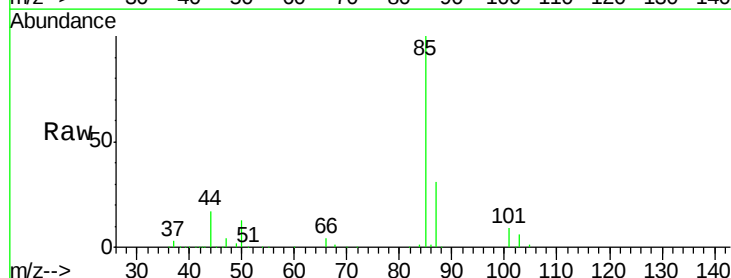
Acq: 06 Jun 2018 12:23

Tgt Ion: 85 Resp: 54662

Ion Ratio Lower Upper

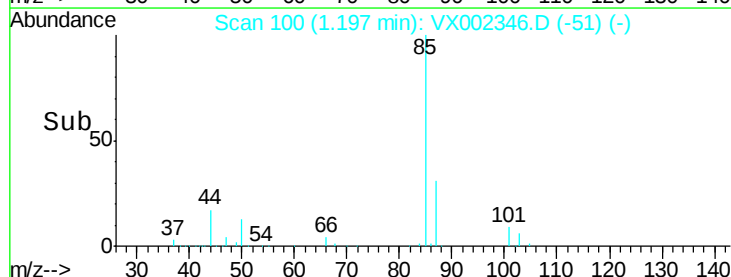
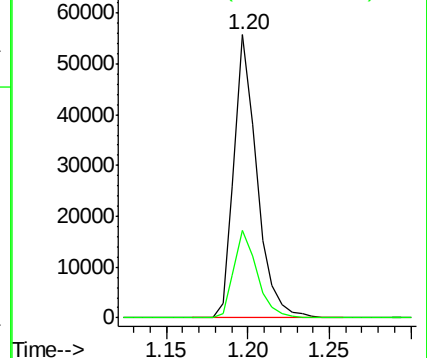
85 100

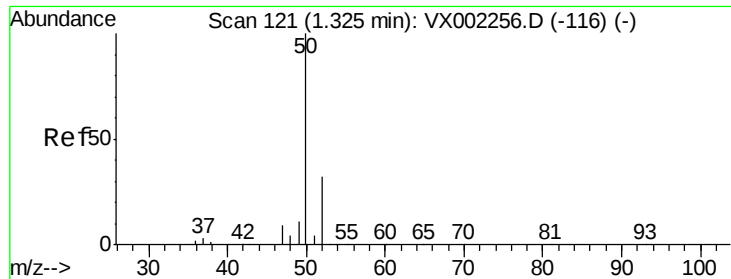
87 30.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.18 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

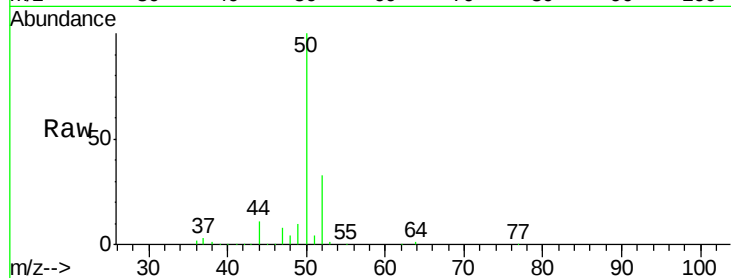
VX0606WBSD01

Tot Ion: 50 Resp: 60867

Ion Ratio Lower Upper

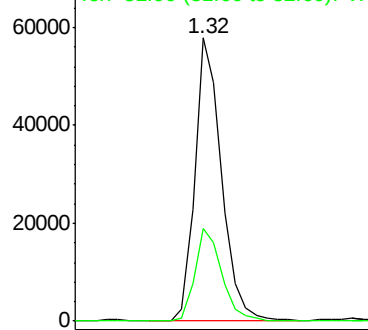
50 100

52 32.6 25.7 38.5

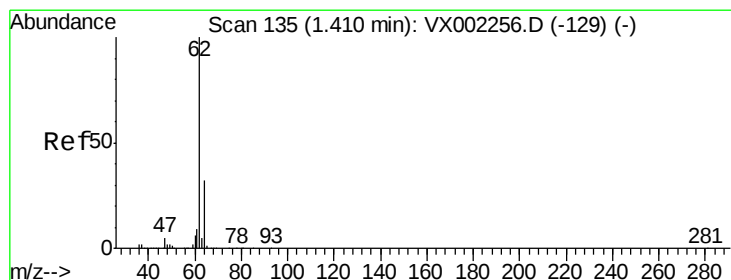
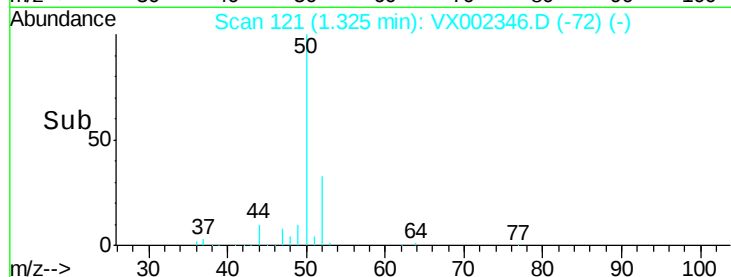


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 18.53 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002346.D

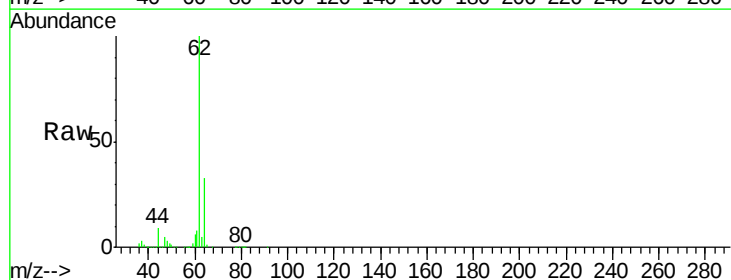
Acq: 06 Jun 2018 12:23

Tgt Ion: 62 Resp: 65057

Ion Ratio Lower Upper

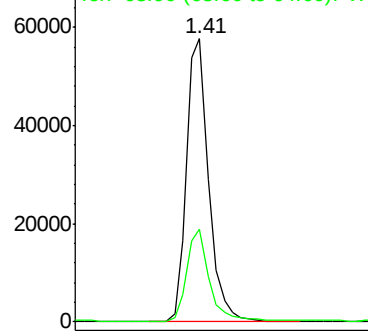
62 100

64 32.3 25.4 38.2

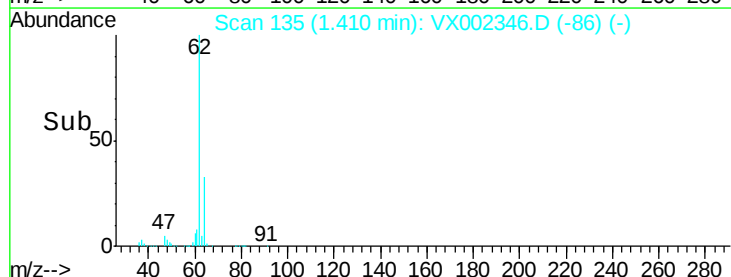


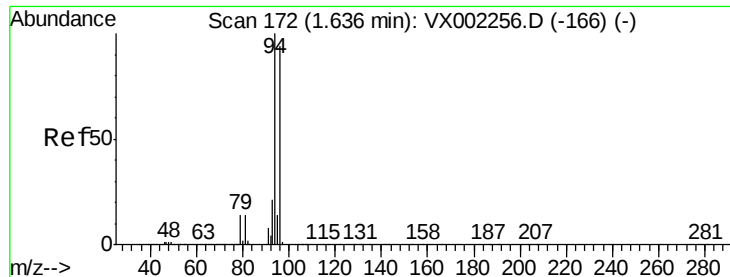
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 16.74 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

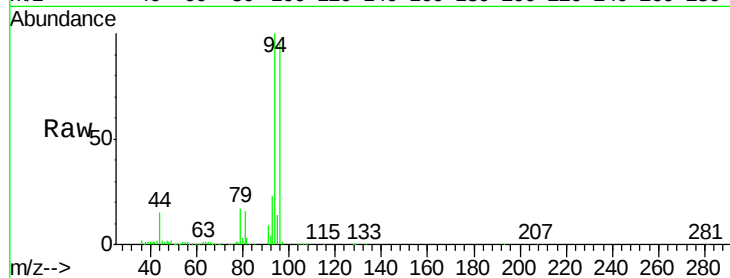
VX0606WBSD01

Tot Ion: 94 Resp: 37680

Ion Ratio Lower Upper

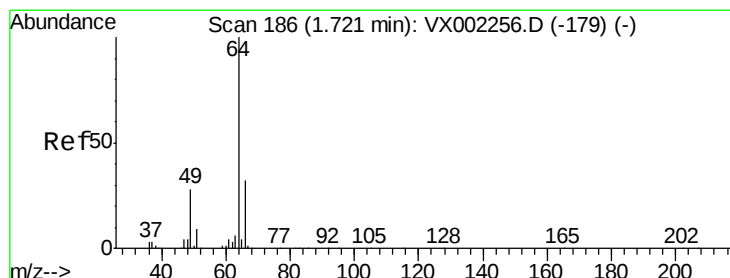
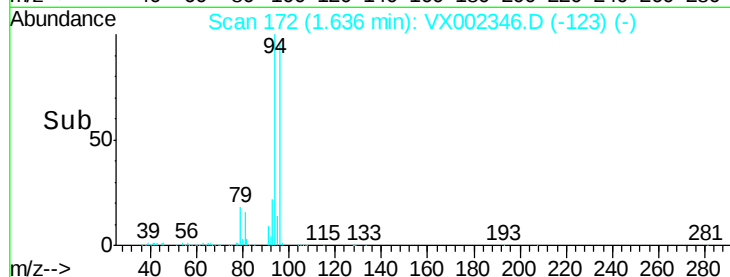
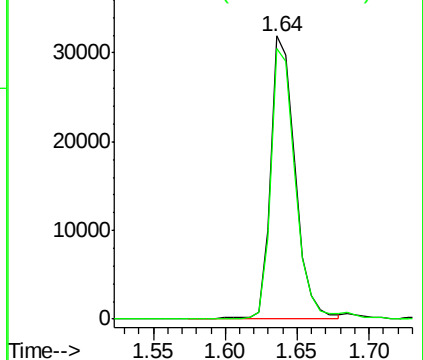
94 100

96 95.5 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: 19.84 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002346.D

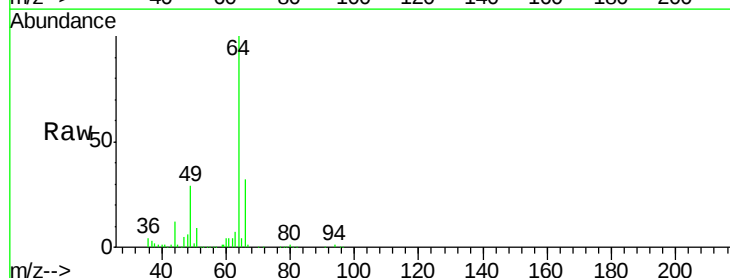
Acq: 06 Jun 2018 12:23

Tgt Ion: 64 Resp: 45067

Ion Ratio Lower Upper

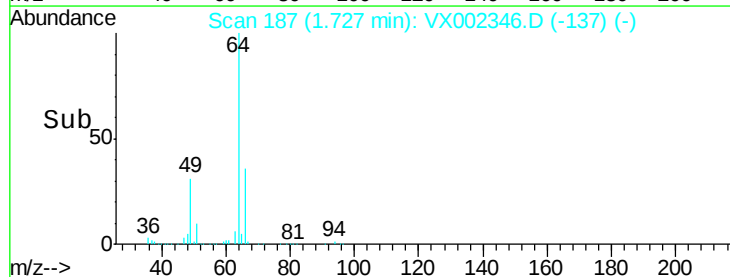
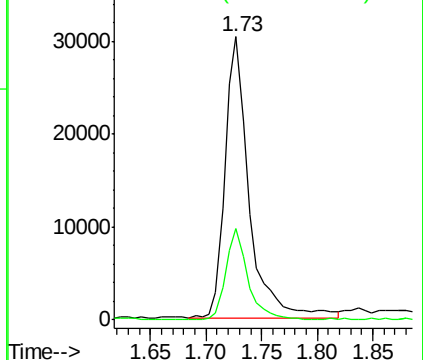
64 100

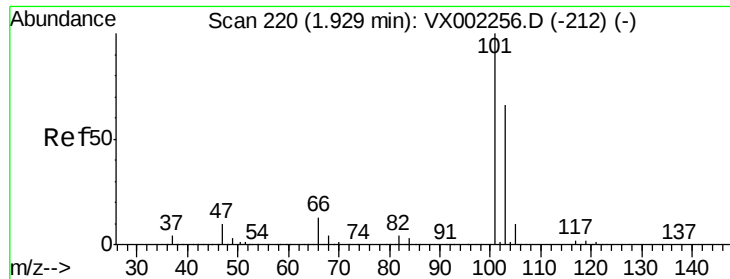
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



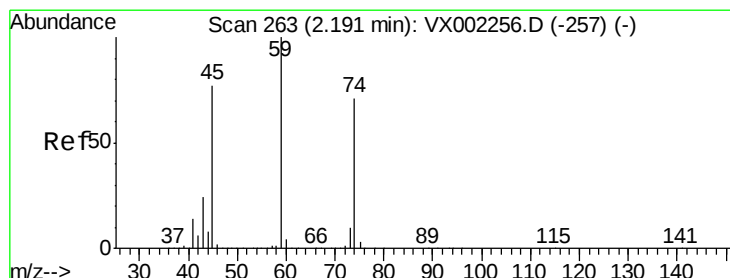
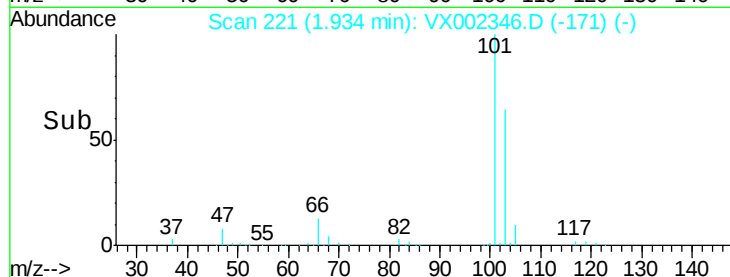
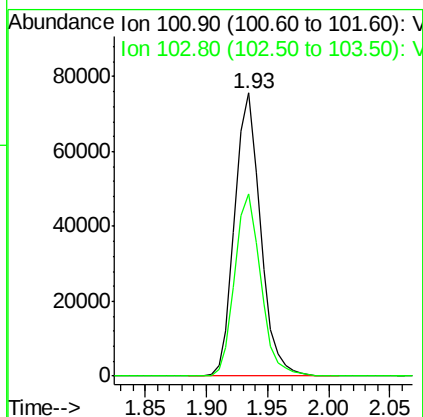
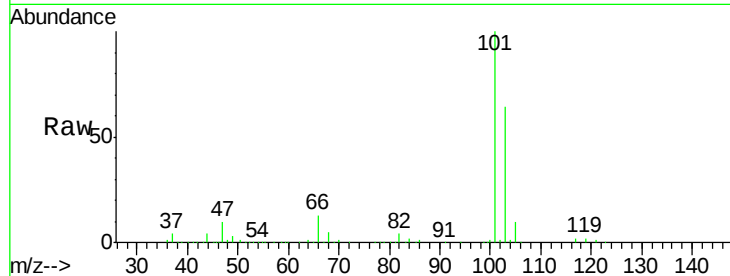


#7

Trichlorofluoromethane
 Concen: 20.66 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

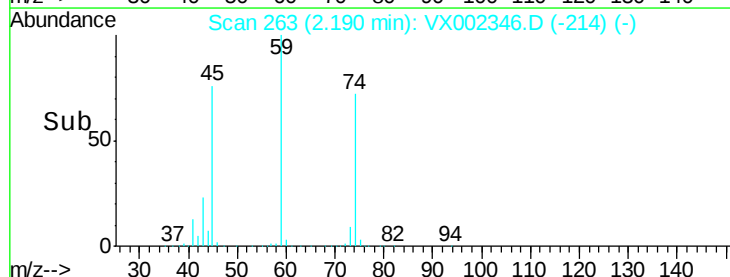
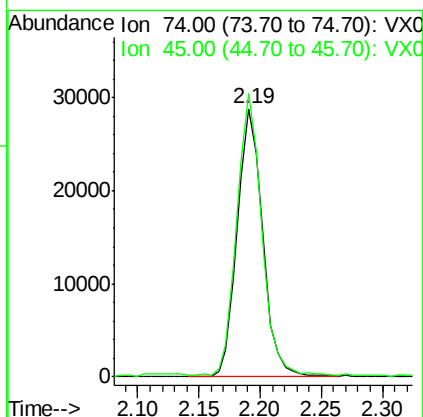
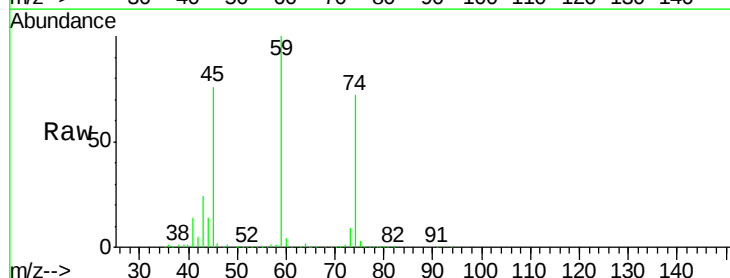
Tot Ion:101 Resp: 110566
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.8 79.2

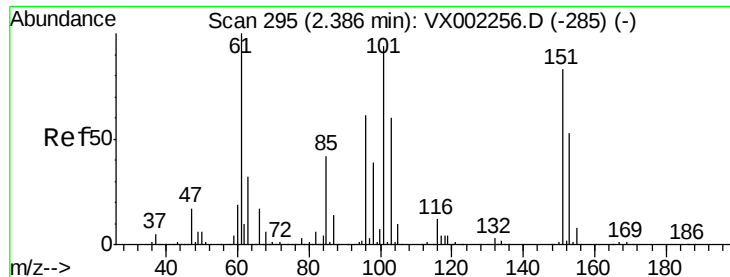


#8

Diethyl Ether
 Concen: 20.30 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Tgt Ion: 74 Resp: 41311
 Ion Ratio Lower Upper
 74 100
 45 102.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.45 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

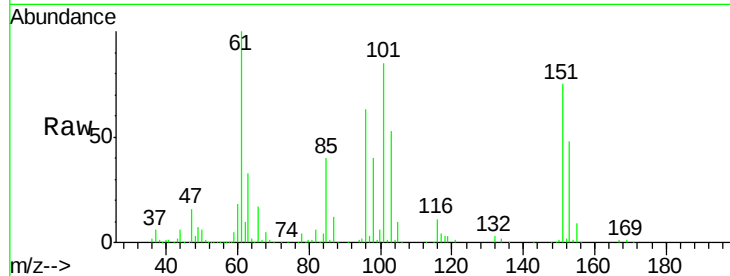
Tot Ion:101 Resp: 64821

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

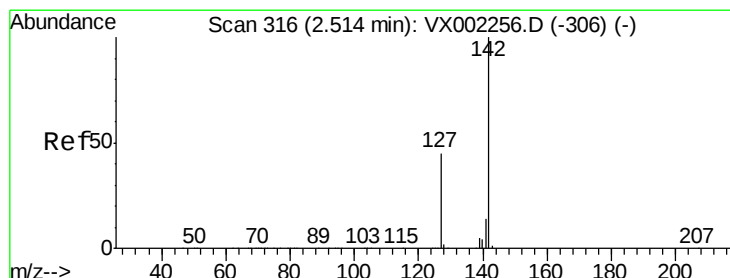
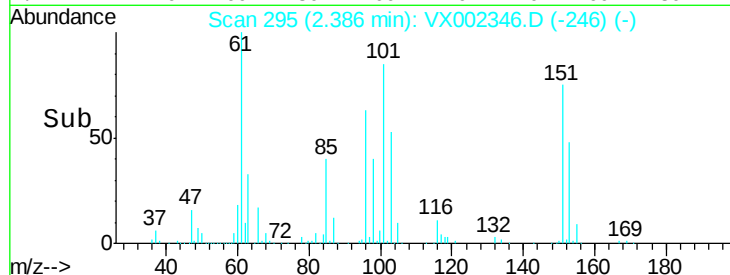
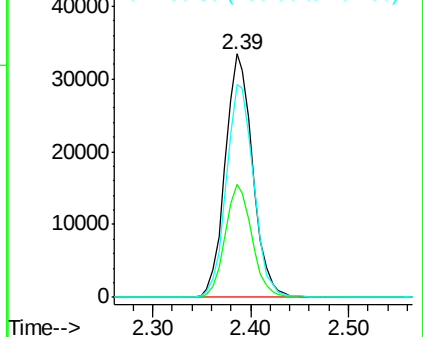
151 87.6 70.9 106.3



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: 13.03 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

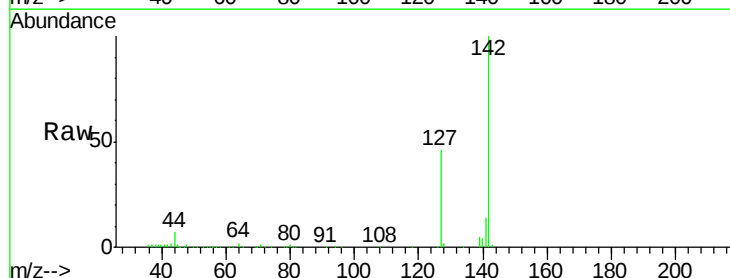
Tgt Ion:142 Resp: 52912

Ion Ratio Lower Upper

142 100

127 48.1 36.6 55.0

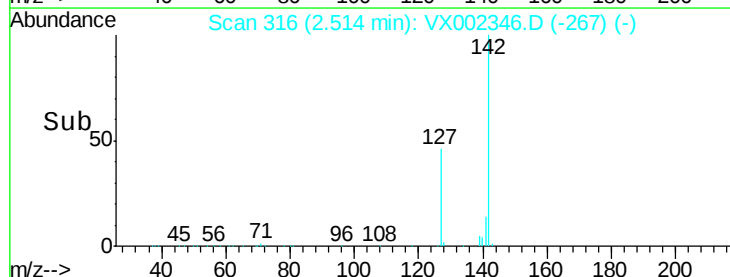
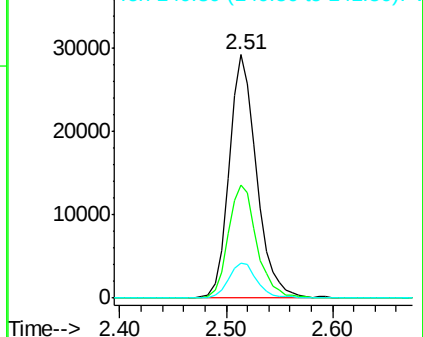
141 14.8 11.3 16.9

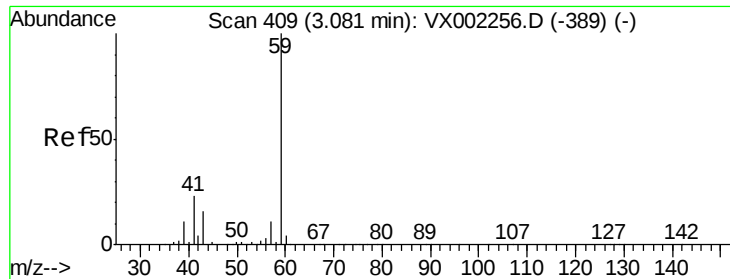


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

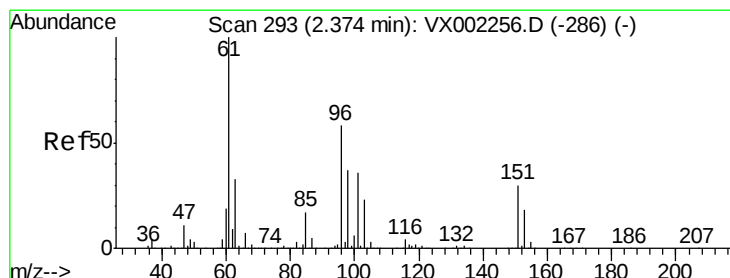
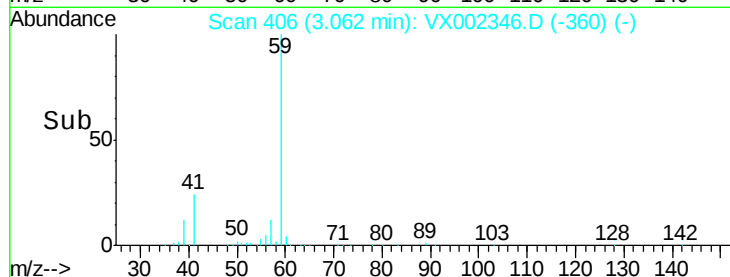
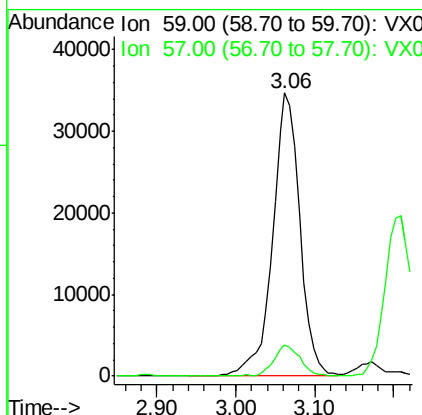
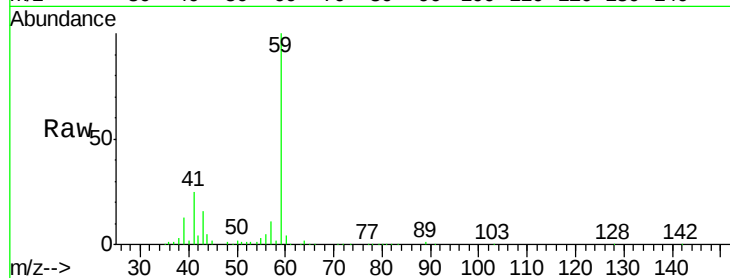




#11
Tert butyl alcohol
Concen: 93.34 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

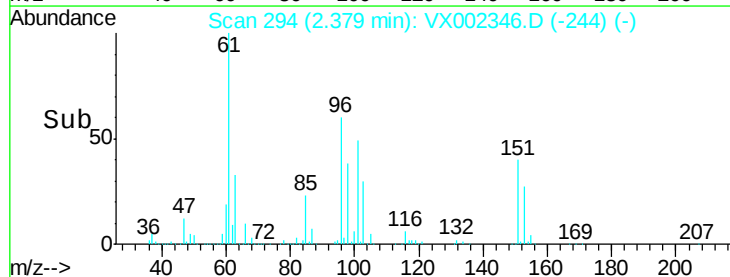
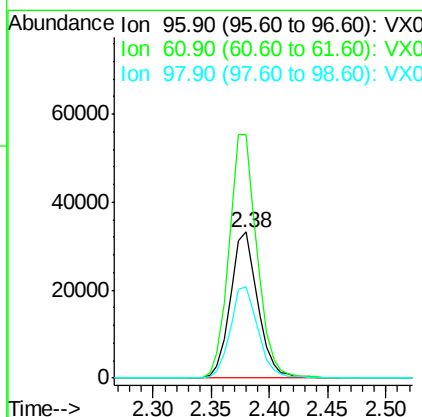
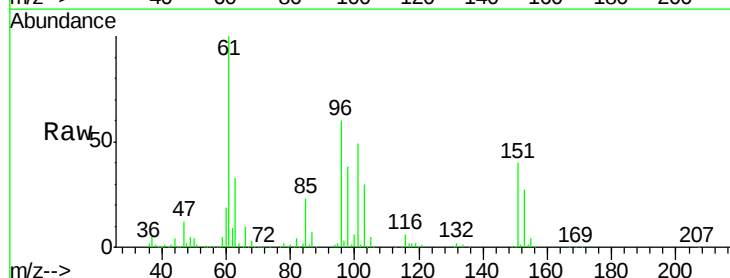
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBSD01

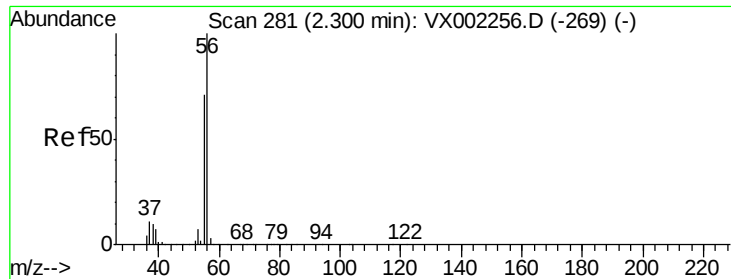
Tot Ion: 59 Resp: 83067
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.12 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 96 Resp: 54557
Ion Ratio Lower Upper
96 100
61 166.7 137.9 206.9
98 62.9 51.6 77.4





#13

Acrolein

Concen: 68.17 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

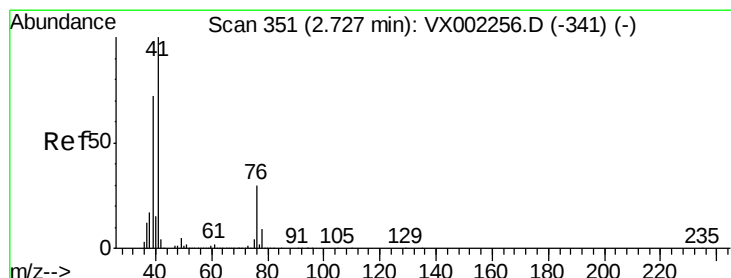
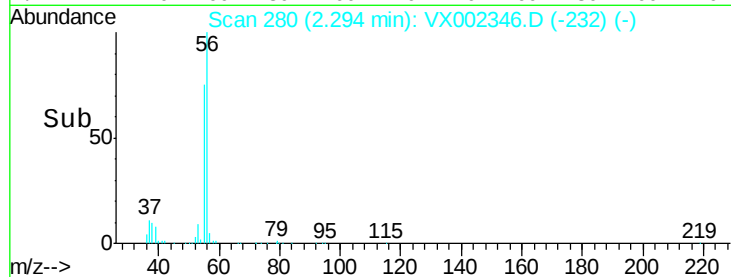
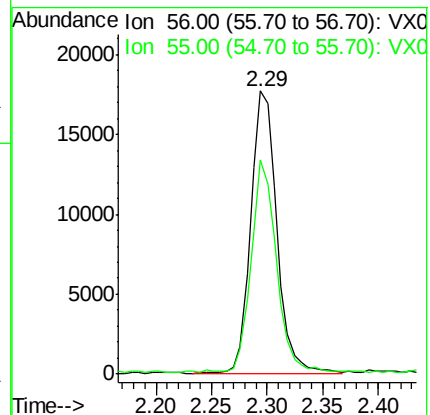
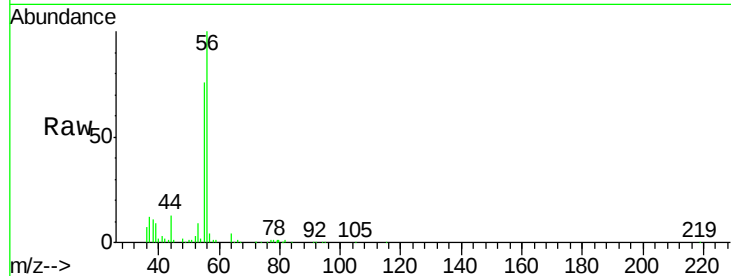
VX0606WBSD01

Tot Ion: 56 Resp: 28645

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 17.75 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

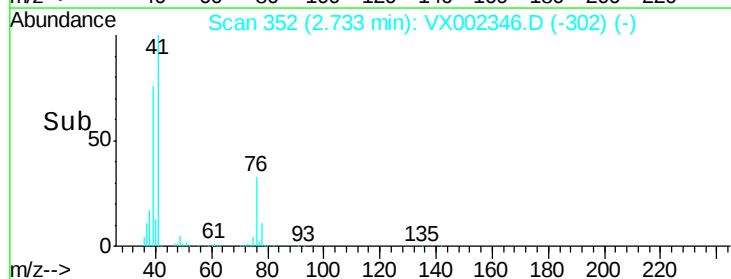
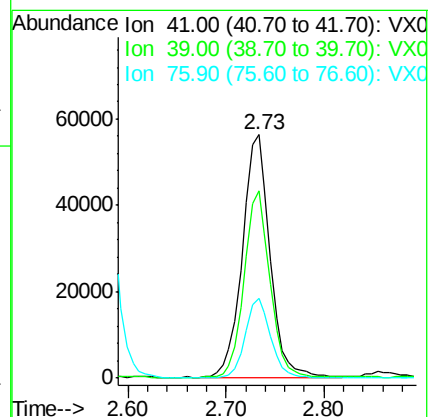
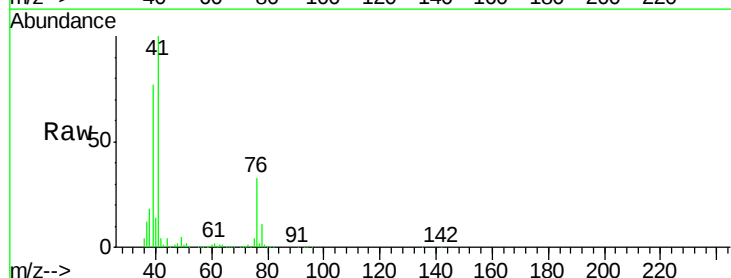
Tgt Ion: 41 Resp: 109900

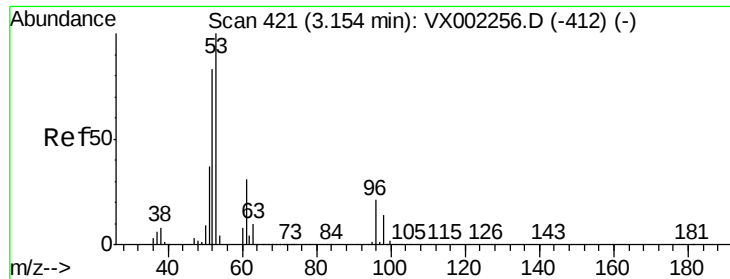
Ion Ratio Lower Upper

41 100

39 71.8 56.8 85.2

76 30.2 23.8 35.8





#15

Acrylonitrile

Concen: 100.64 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

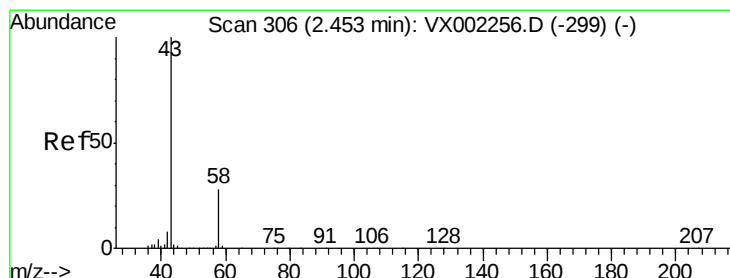
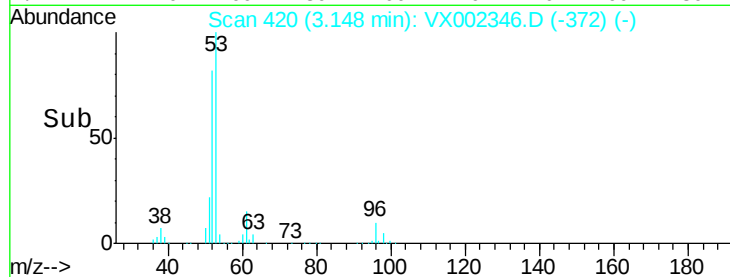
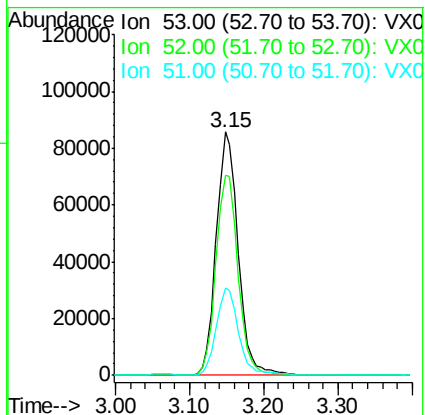
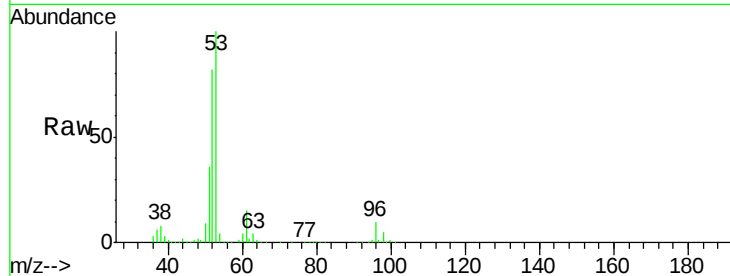
Tot Ion: 53 Resp: 173620

Ion Ratio Lower Upper

53 100

52 83.2 66.7 100.1

51 36.8 29.9 44.9



#16

Acetone

Concen: 101.38 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002346.D

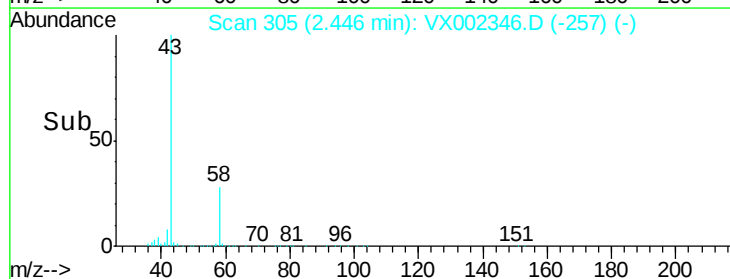
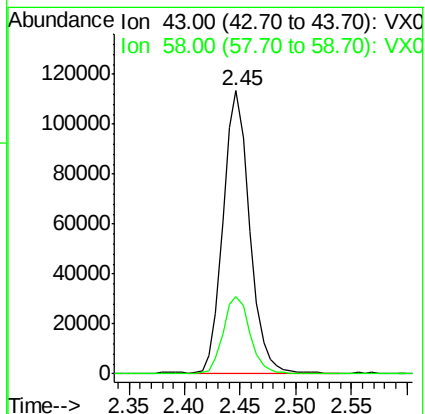
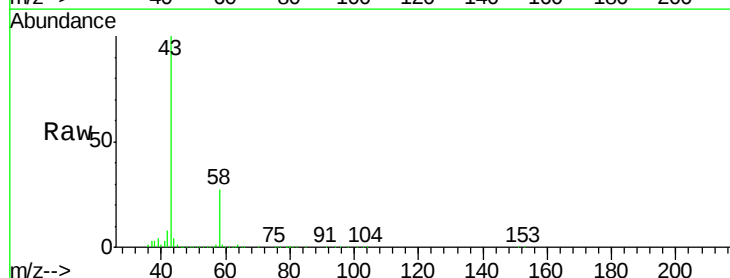
Acq: 06 Jun 2018 12:23

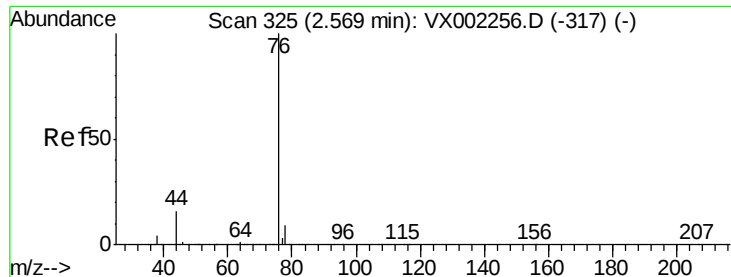
Tgt Ion: 43 Resp: 185912

Ion Ratio Lower Upper

43 100

58 27.5 22.1 33.1





#17

Carbon Disulfide

Concen: 16.22 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

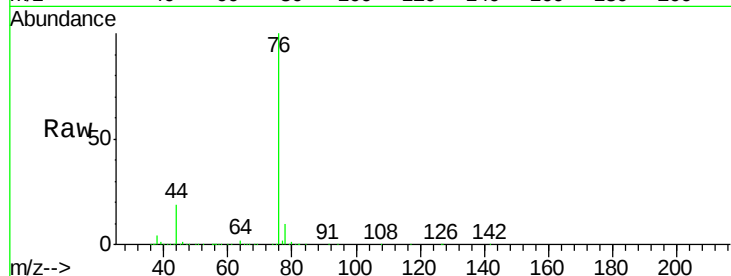
VX0606WBSD01

Tot Ion: 76 Resp: 121969

Ion Ratio Lower Upper

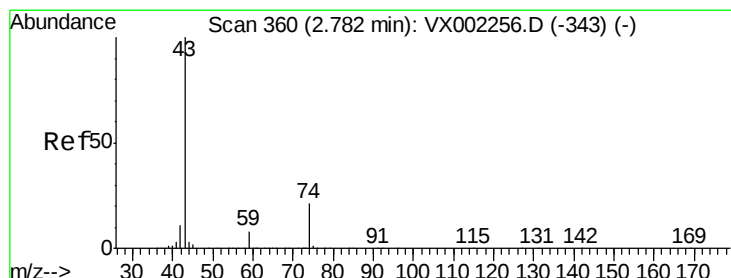
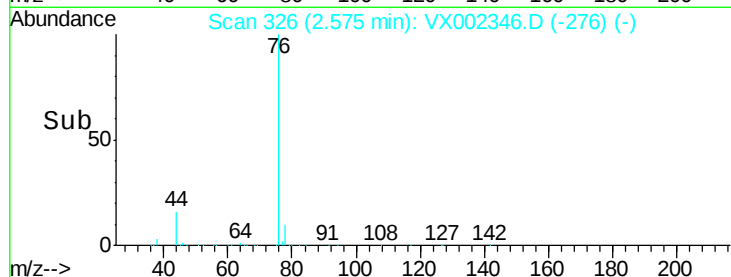
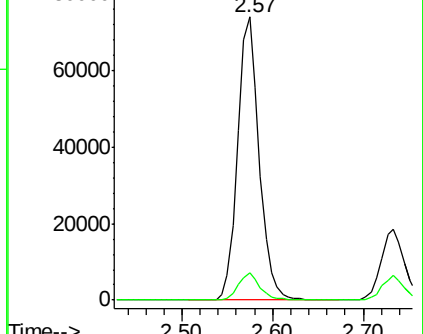
76 100

78 9.5 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.99 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002346.D

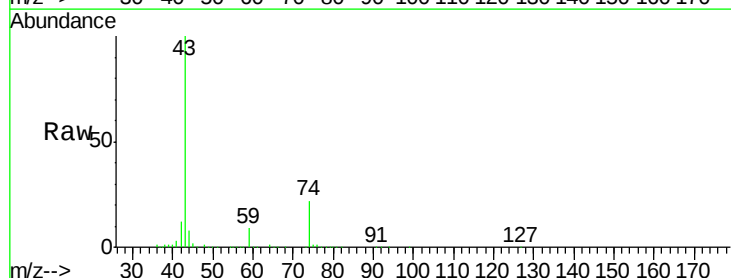
Acq: 06 Jun 2018 12:23

Tgt Ion: 43 Resp: 82982

Ion Ratio Lower Upper

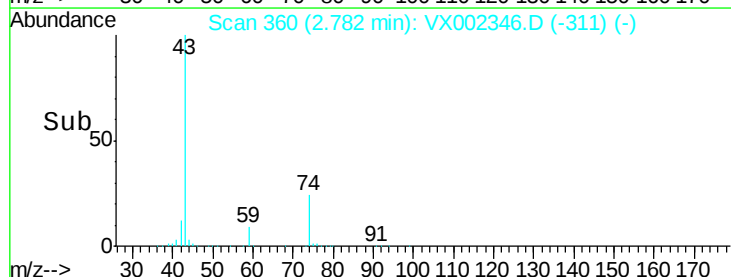
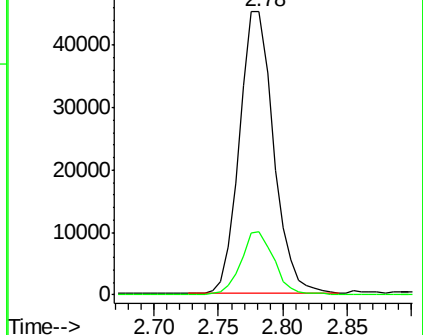
43 100

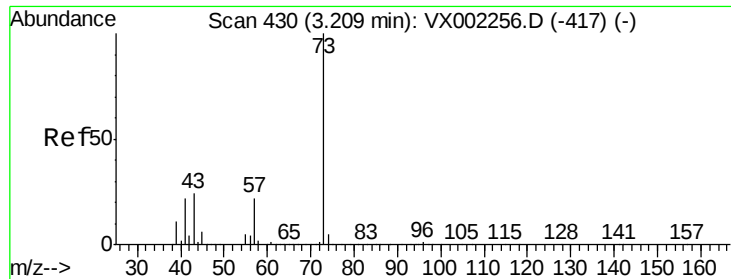
74 22.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

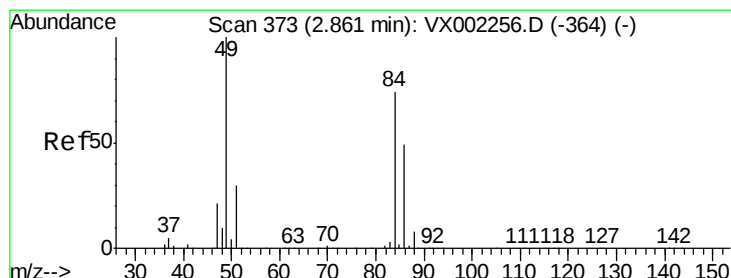
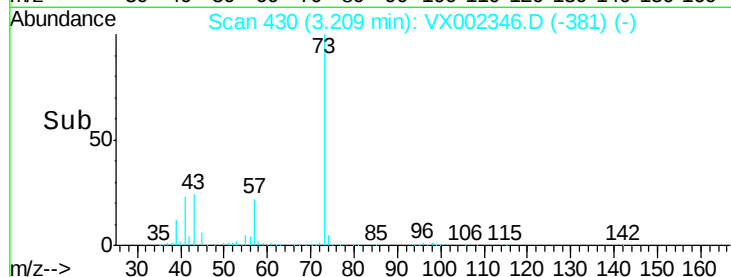
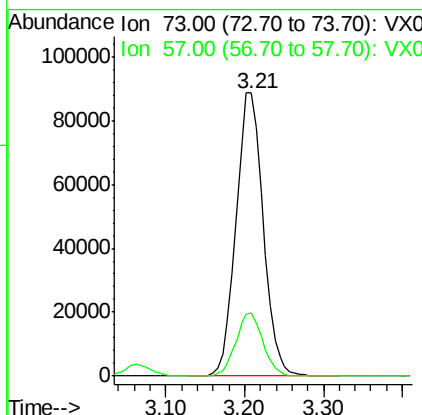
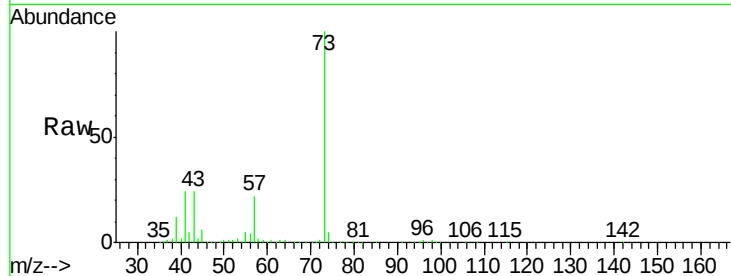




#19
Methvl tert-butvl Ether
Concen: 19.97 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

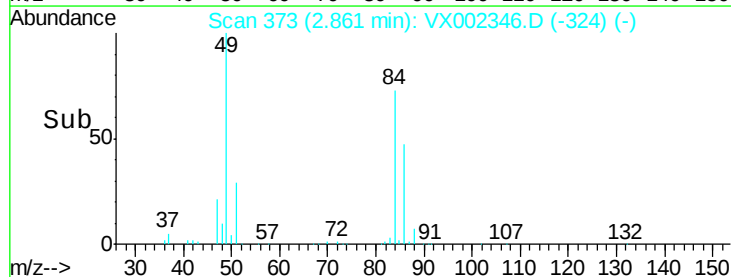
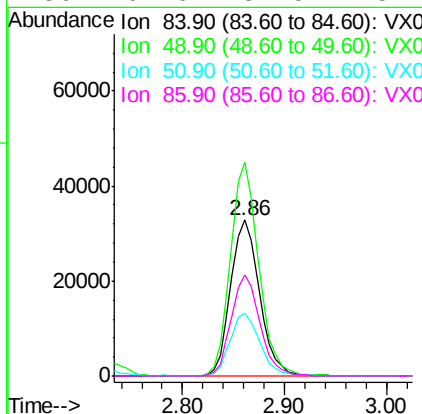
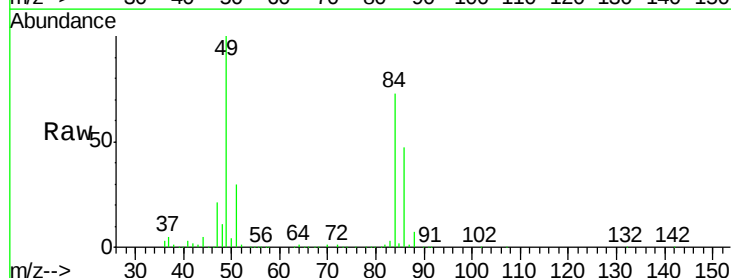
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBSD01

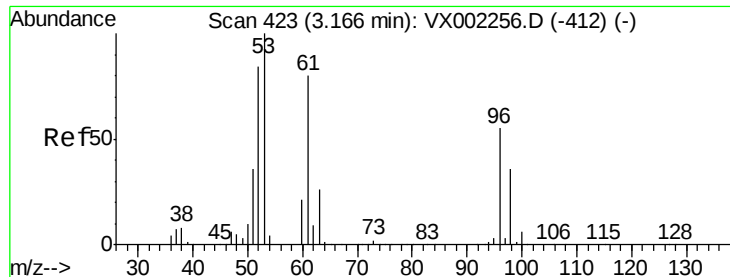
Tot Ion: 73 Resp: 212707
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 19.63 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 84 Resp: 64593
Ion Ratio Lower Upper
84 100
49 137.0 107.8 161.6
51 40.3 32.8 49.2
86 64.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.55 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

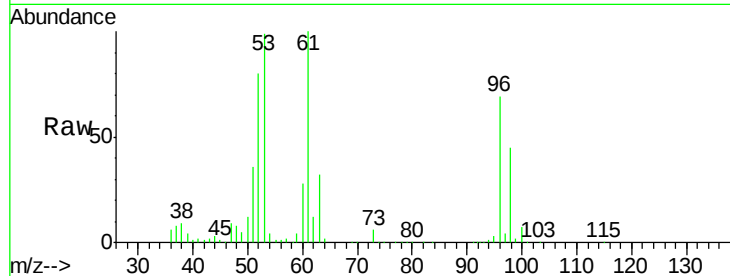
Tot Ion: 96 Resp: 58358

Ion Ratio Lower Upper

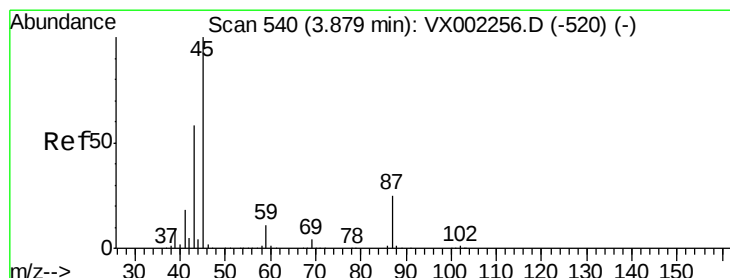
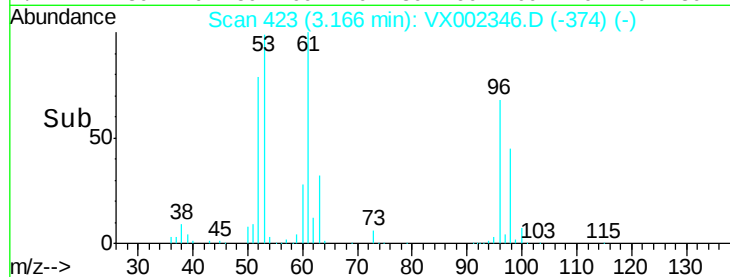
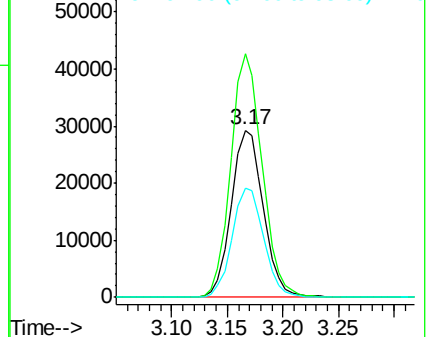
96 100

61 145.8 117.0 175.4

98 65.5 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: 20.92 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Tgt Ion: 45 Resp: 225348

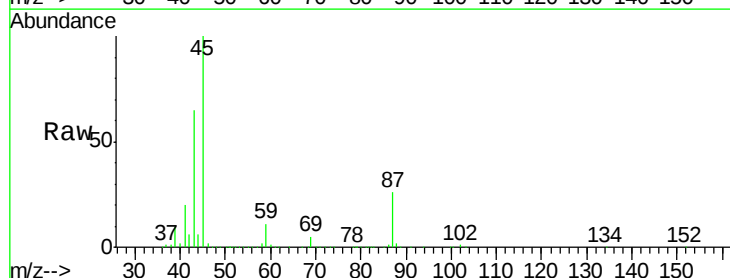
Ion Ratio Lower Upper

45 100

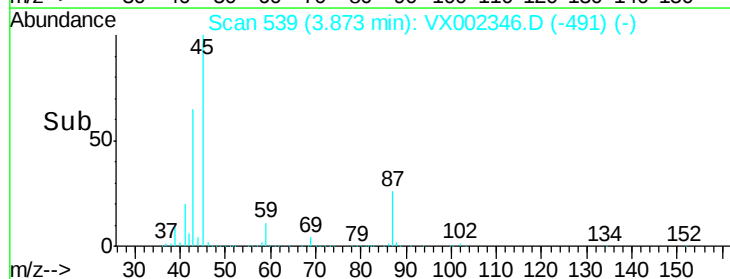
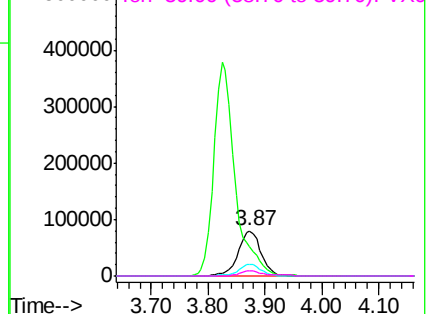
43 64.9 46.8 70.2

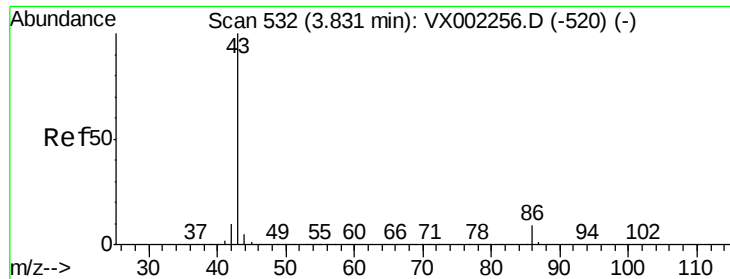
87 26.4 20.2 30.4

59 11.5 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: 98.03 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

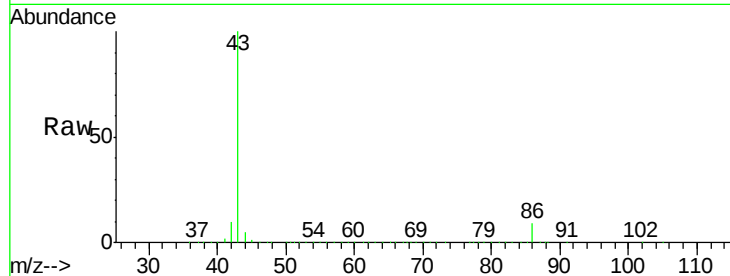
VX0606WBSD01

Tot Ion: 43 Resp: 984143

Ion Ratio Lower Upper

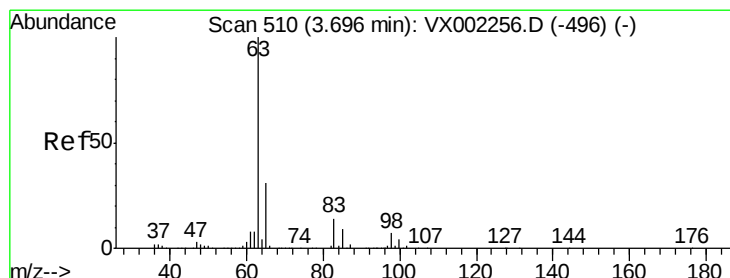
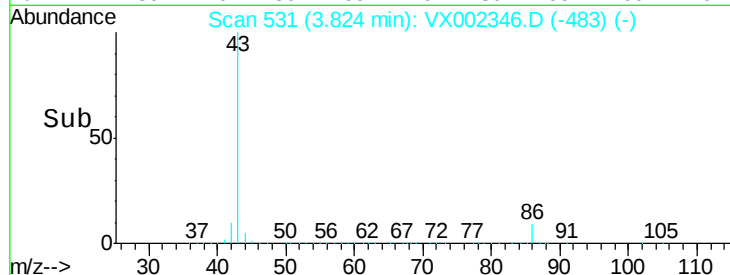
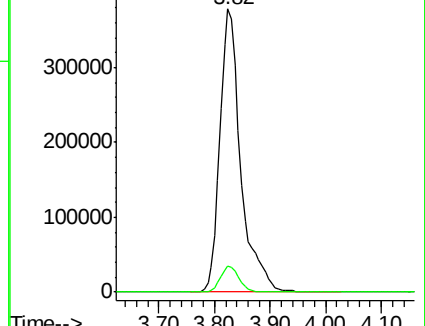
43 100

86 9.2 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.15 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

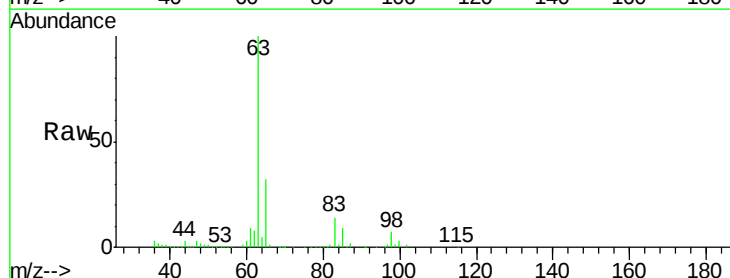
Tgt Ion: 63 Resp: 117201

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

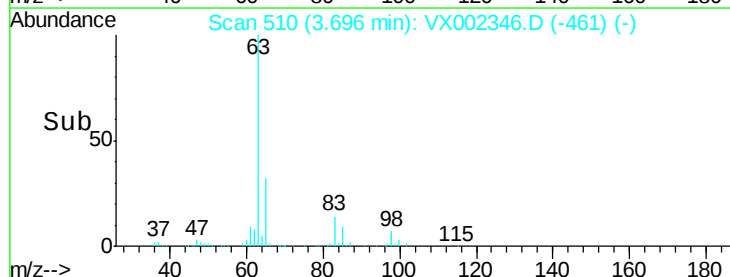
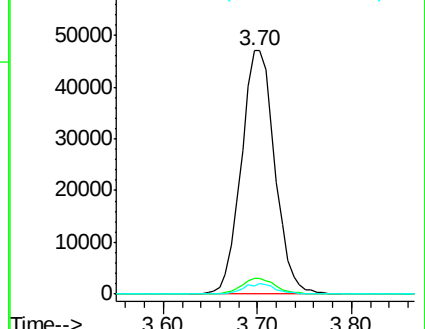
100 3.5 2.0 6.0

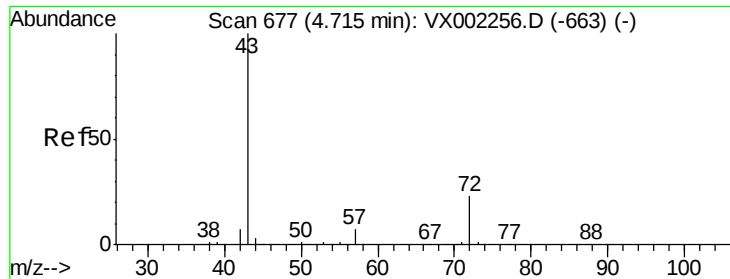


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.15 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

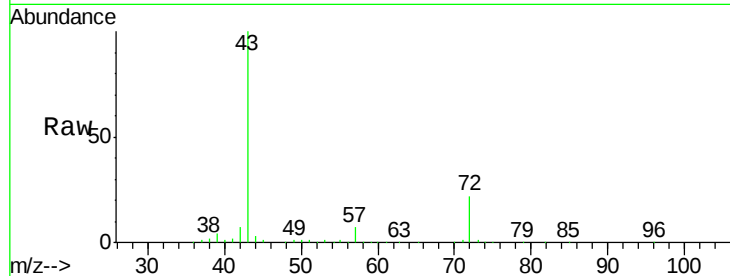
VX0606WBSD01

Tot Ion: 43 Resp: 231681

Ion Ratio Lower Upper

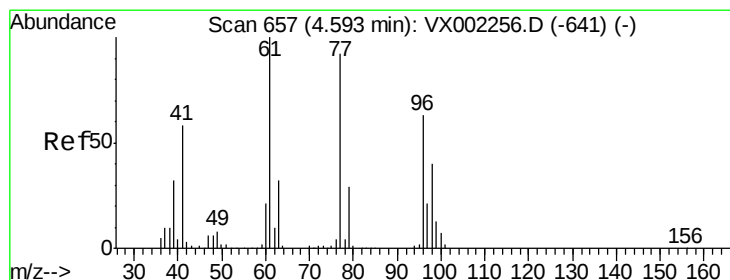
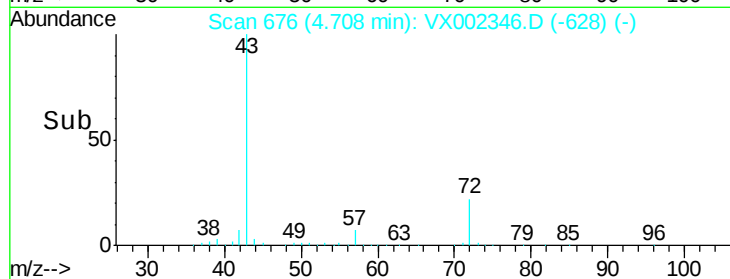
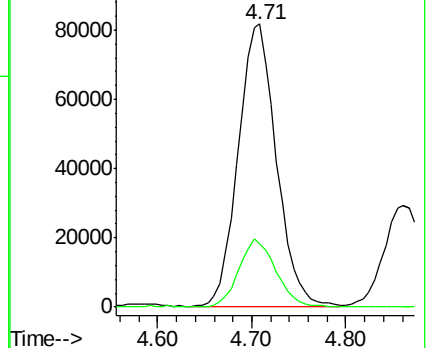
43 100

72 22.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.27 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002346.D

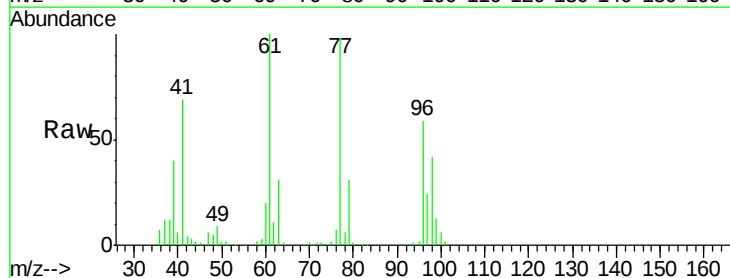
Acq: 06 Jun 2018 12:23

Tgt Ion: 77 Resp: 77836

Ion Ratio Lower Upper

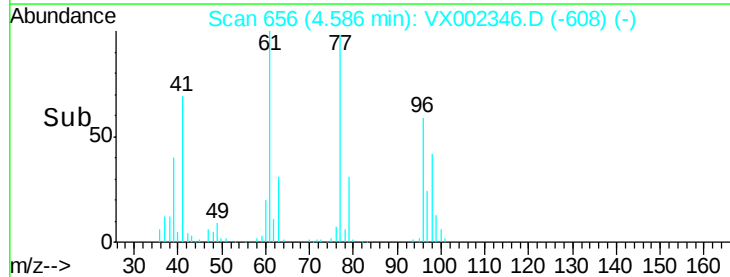
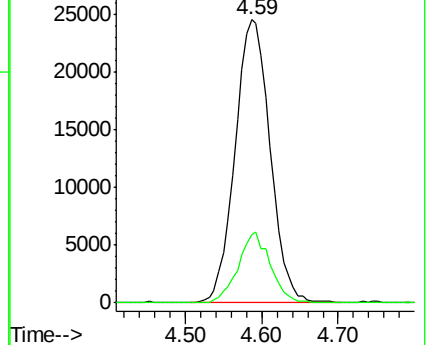
77 100

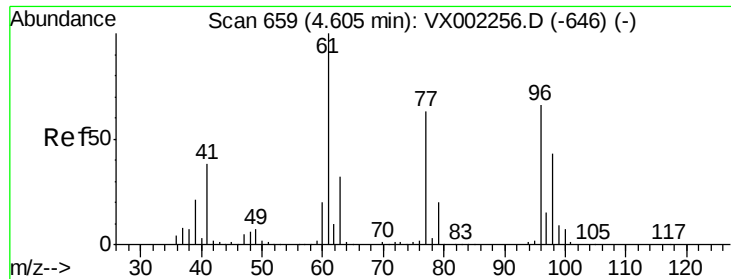
97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 17.07 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

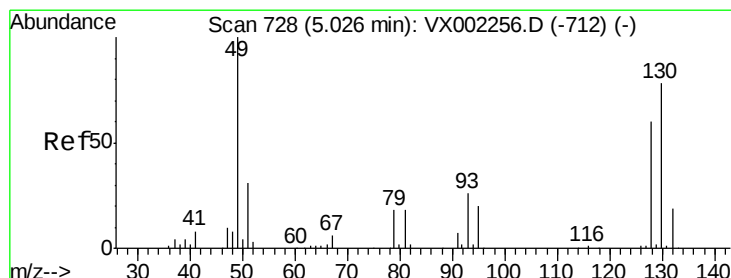
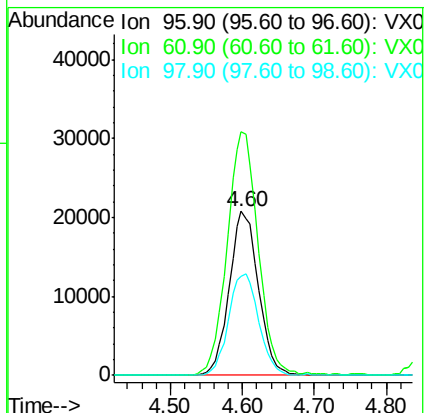
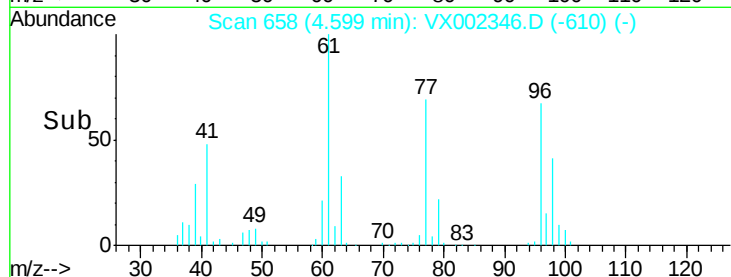
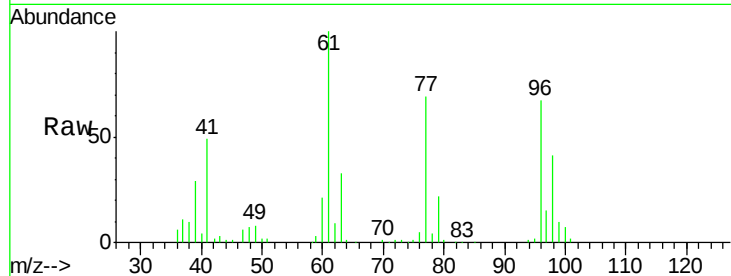
Tot Ion: 96 Resp: 58426

Ion Ratio Lower Upper

96 100

61 157.3 0.0 330.2

98 64.1 0.0 130.2



#28

Bromochloromethane

Concen: 20.19 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

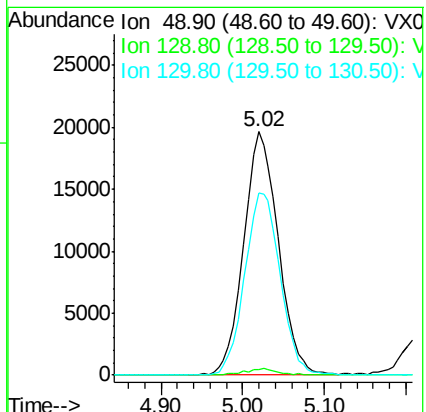
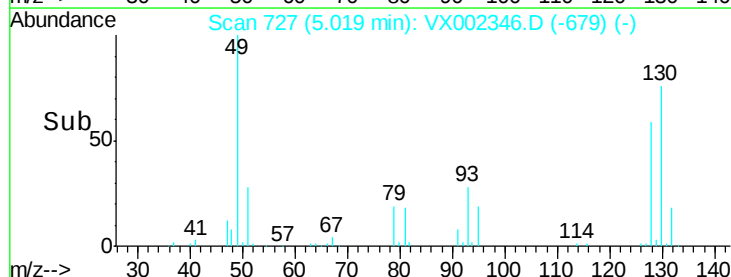
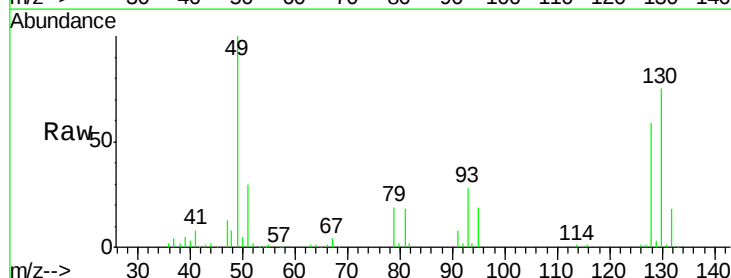
Tgt Ion: 49 Resp: 58087

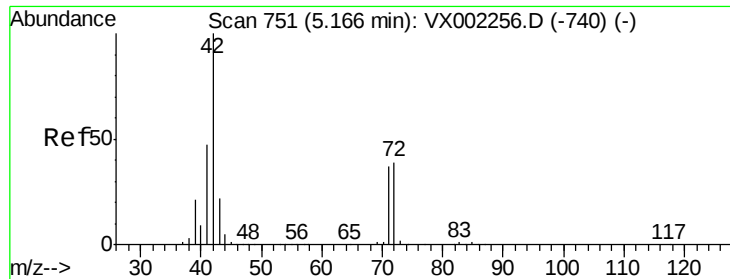
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.2

130 76.6 61.2 91.8





#29

Tetrahydrofuran

Concen: 85.45 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

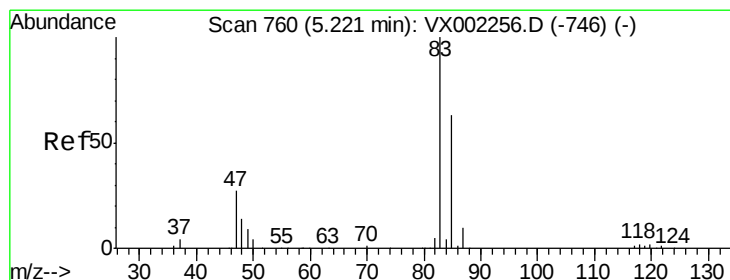
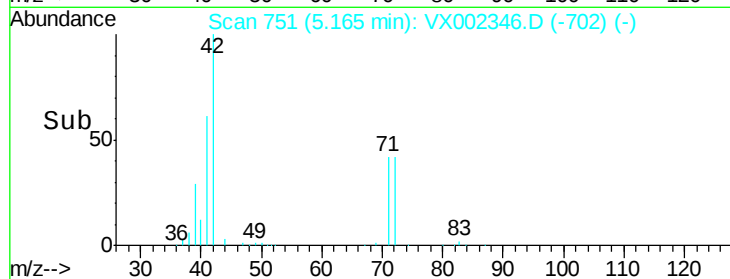
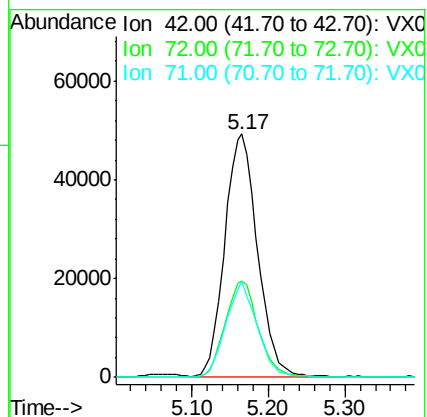
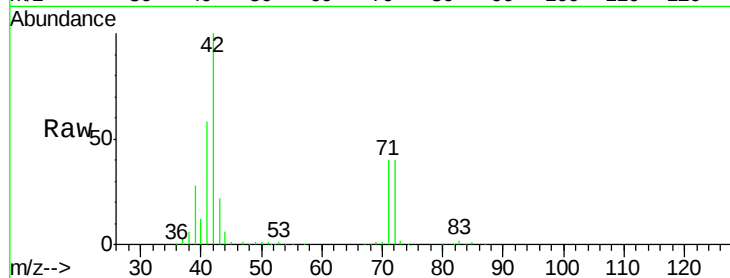
Tot Ion: 42 Resp: 144795

Ion Ratio Lower Upper

42 100

72 40.5 32.0 48.0

71 38.0 30.1 45.1



#30

Chloroform

Concen: 17.40 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002346.D

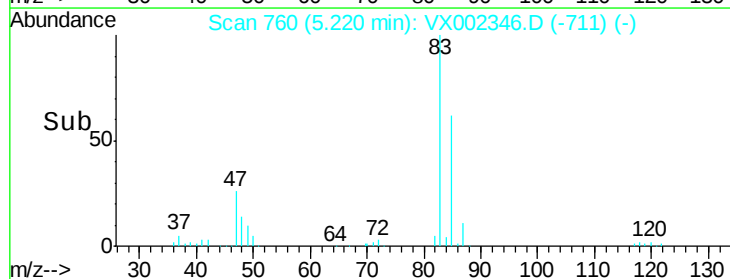
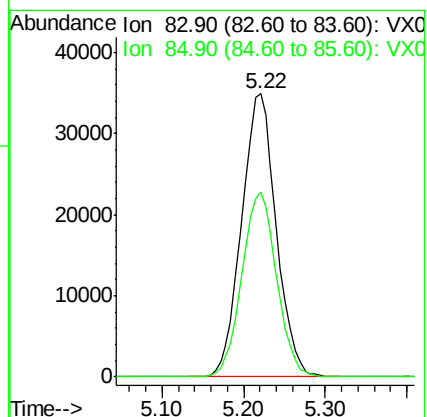
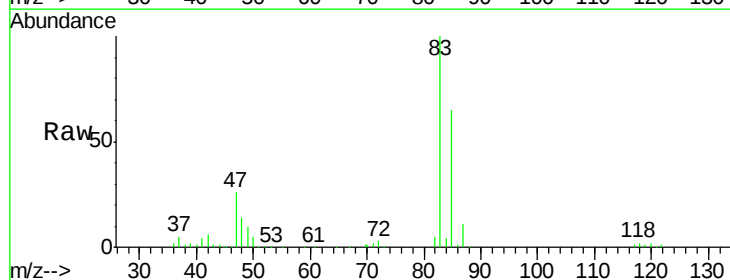
Acq: 06 Jun 2018 12:23

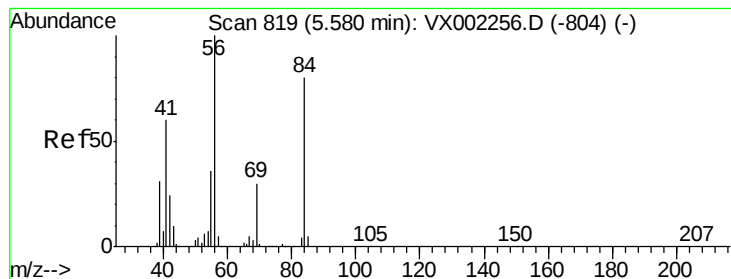
Tgt Ion: 83 Resp: 102770

Ion Ratio Lower Upper

83 100

85 65.2 50.4 75.6





#31

Cyclohexane

Concen: 18.76 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

VX0606WBSD01

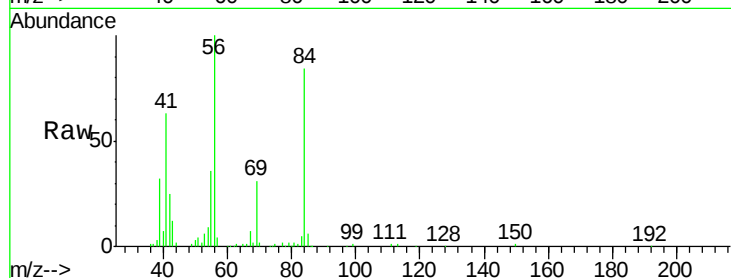
Tot Ion: 56 Resp: 90795

Ion Ratio Lower Upper

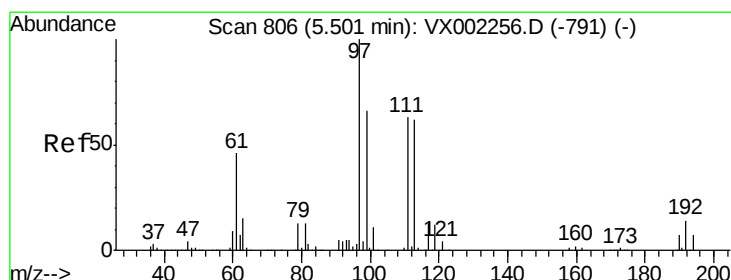
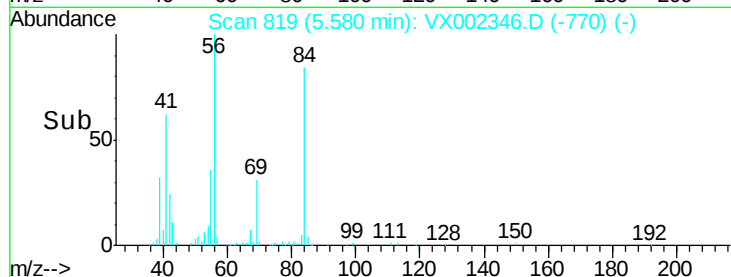
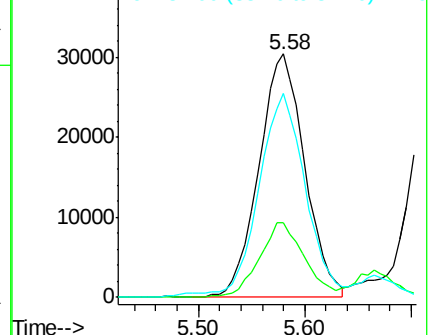
56 100

69 29.9 23.7 35.5

84 82.0 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: 17.44 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

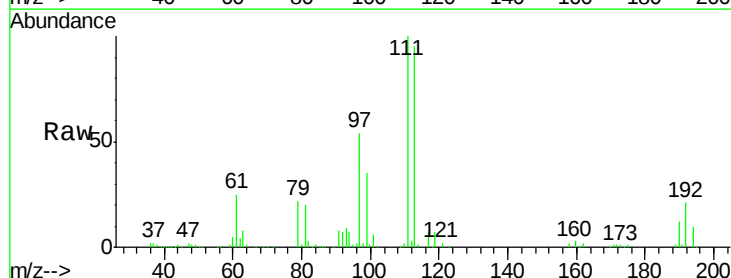
Tgt Ion: 97 Resp: 87352

Ion Ratio Lower Upper

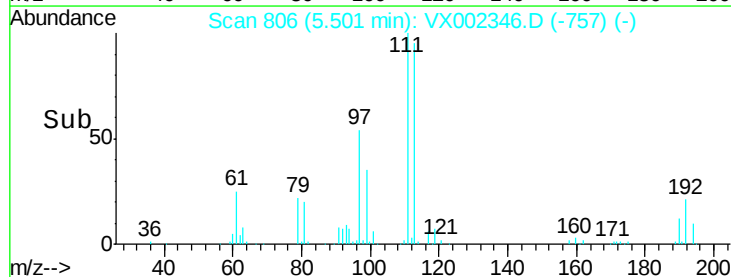
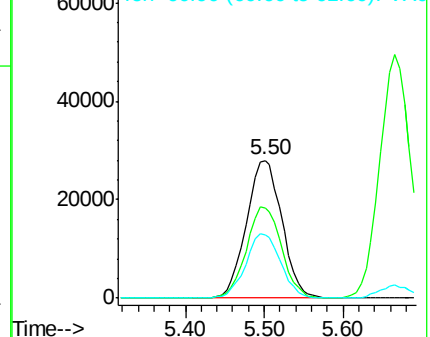
97 100

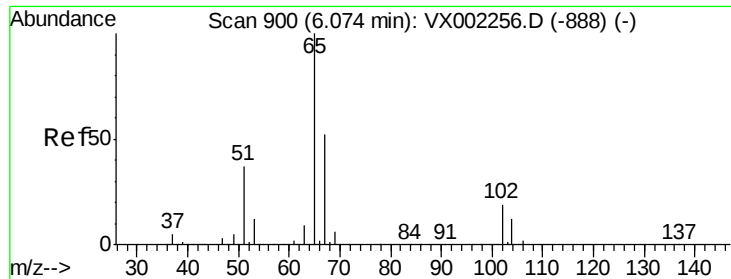
99 65.4 51.6 77.4

61 46.0 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

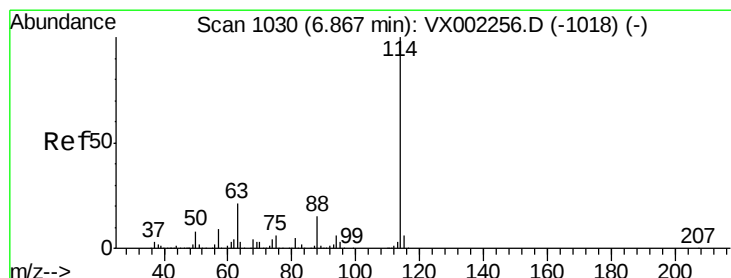
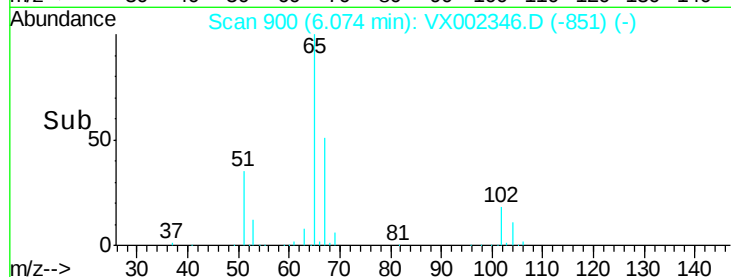
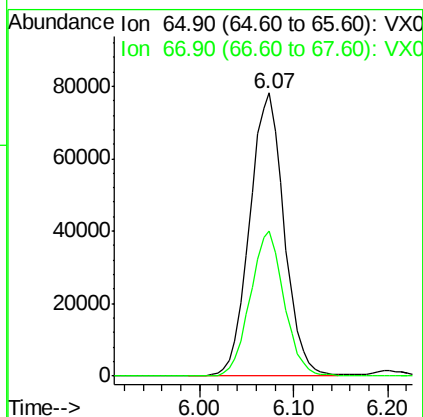
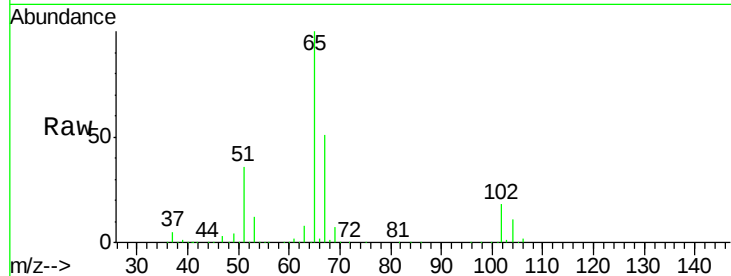




#33
 1,2-Dichloroethane-d4
 Concen: 52.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

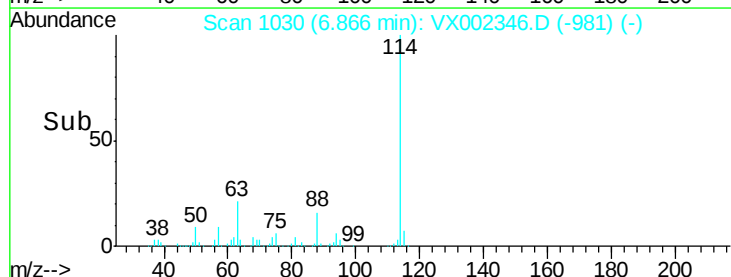
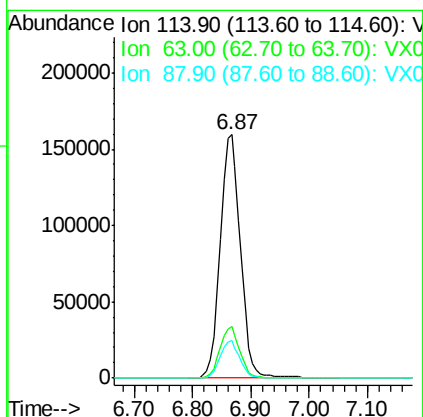
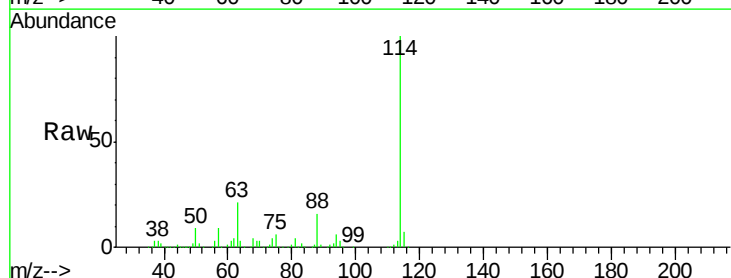
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

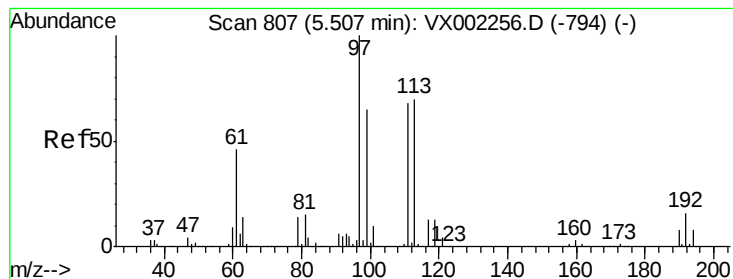
Tot Ion: 65 Resp: 199622
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Tgt Ion: 114 Resp: 383663
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.54 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

VX0606WBSD01

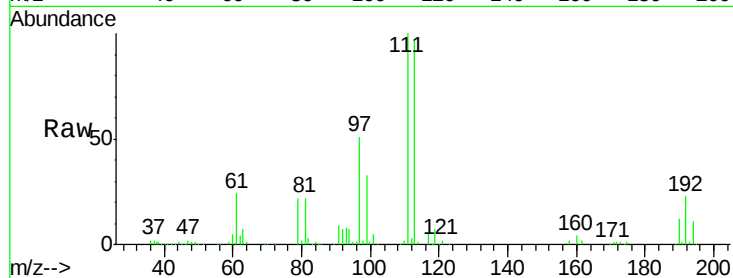
Tot Ion:113 Resp: 146441

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

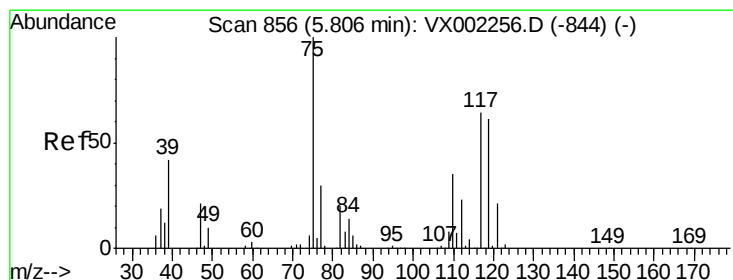
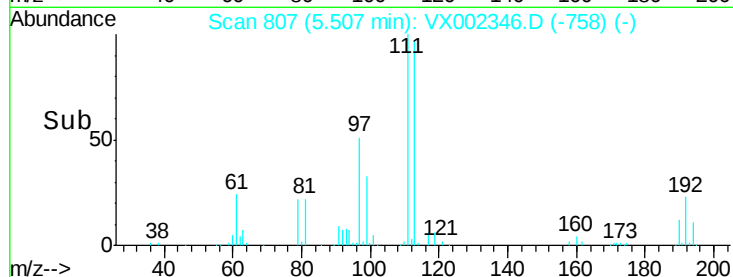
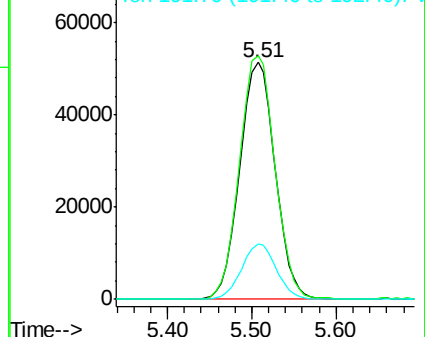
192 23.0 19.1 28.7



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: 18.37 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

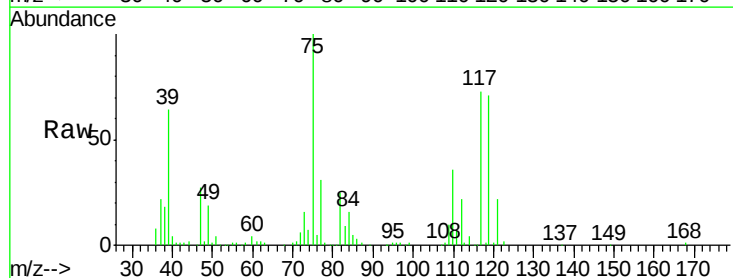
Tgt Ion: 75 Resp: 74074

Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.4

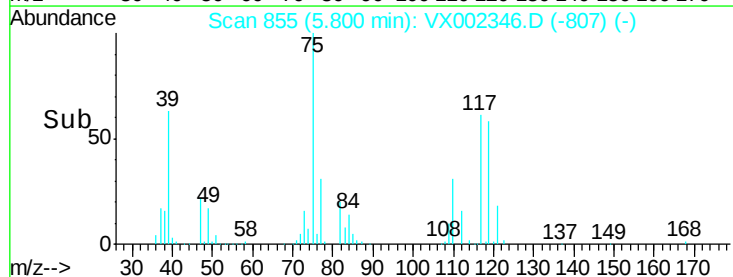
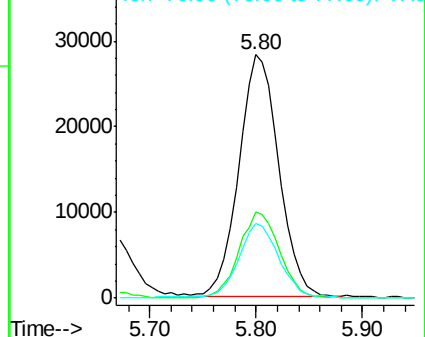
77 30.8 24.3 36.5

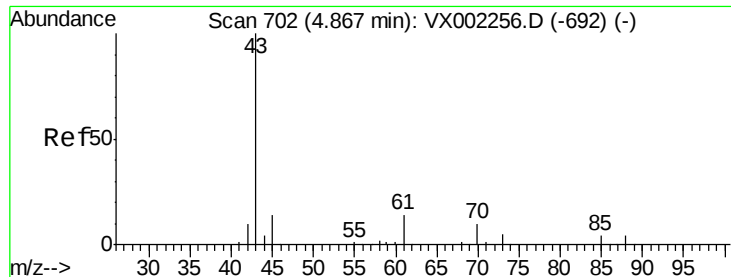


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

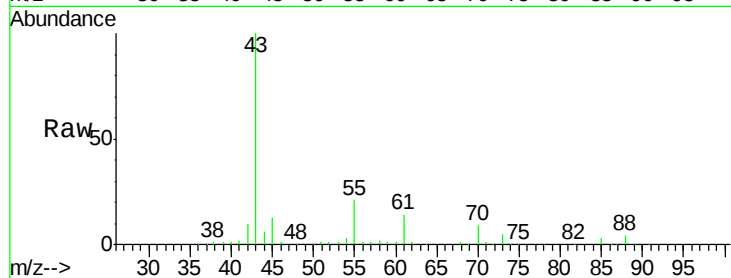




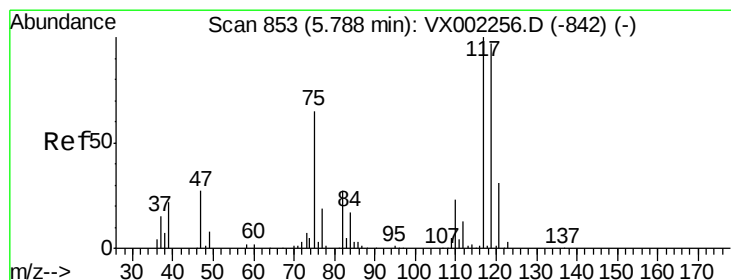
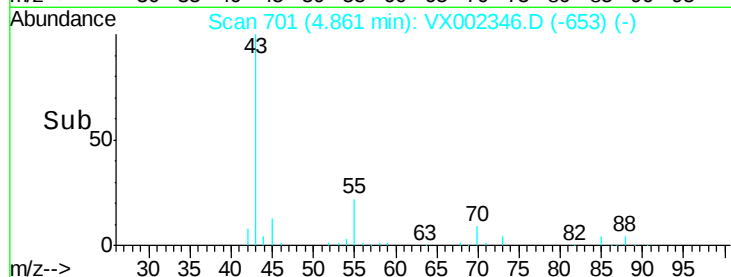
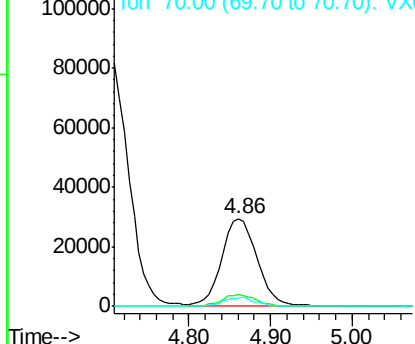
#37
Ethyl Acetate
Concen: 18.21 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Instrument :
MSVOA_X
ClientSampled :
VX0606WBSD01

Tot Ion: 43 Resp: 88338
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.4 7.6 11.4

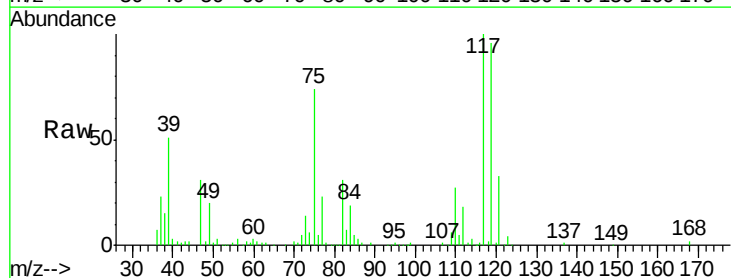


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

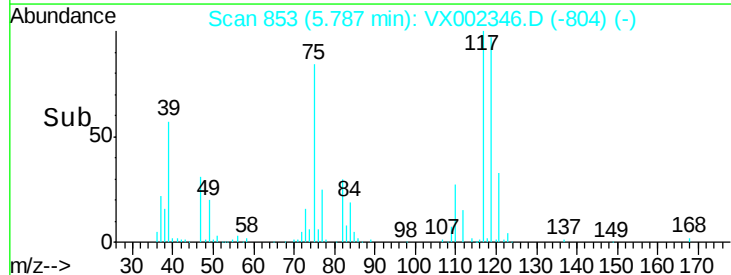
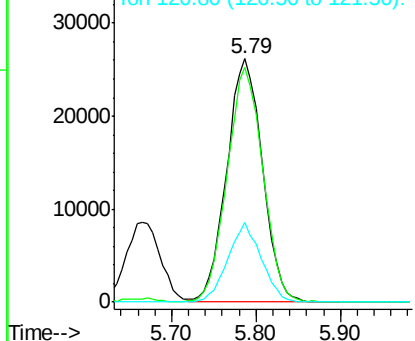


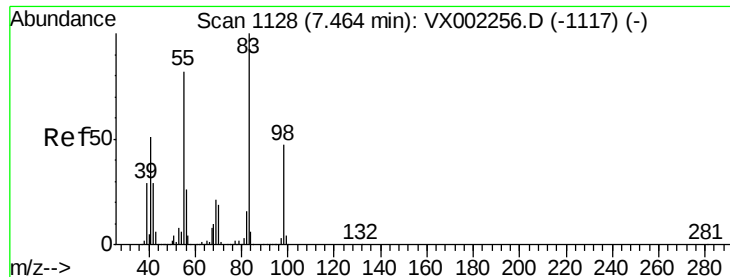
#38
Carbon Tetrachloride
Concen: 17.86 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 117 Resp: 75351
Ion Ratio Lower Upper
117 100
119 96.3 77.4 116.0
121 32.6 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

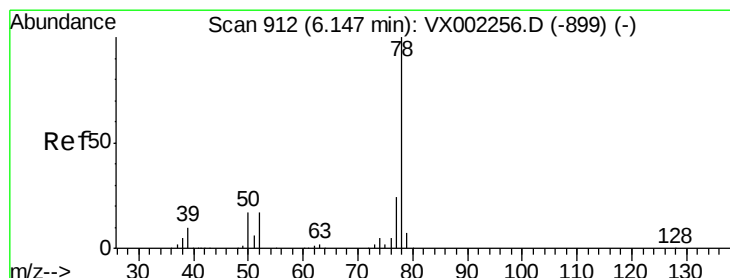
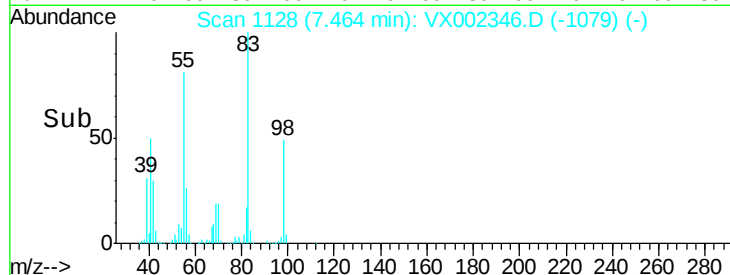
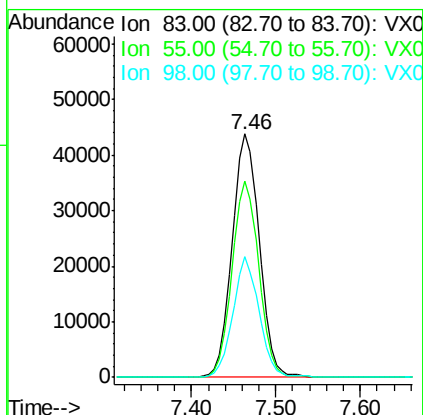
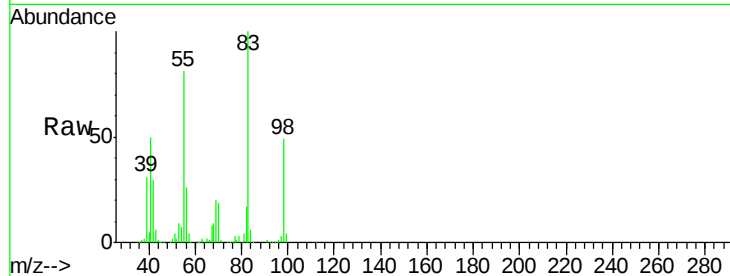




#39
Methvlcvclohexane
Concen: 19.33 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

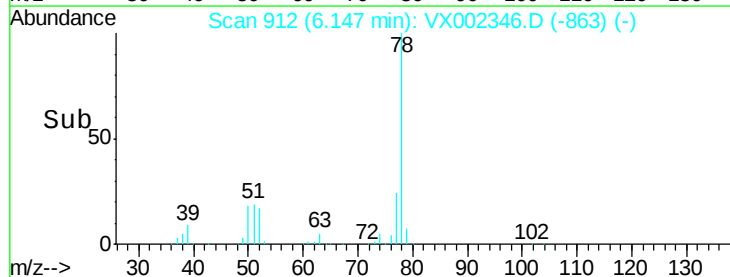
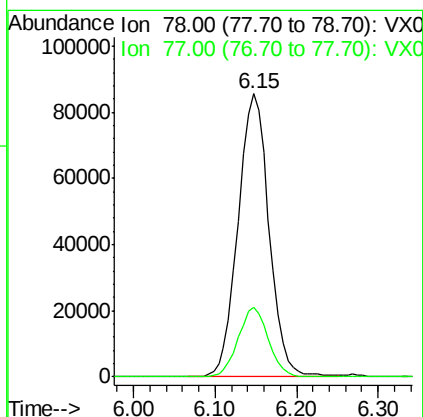
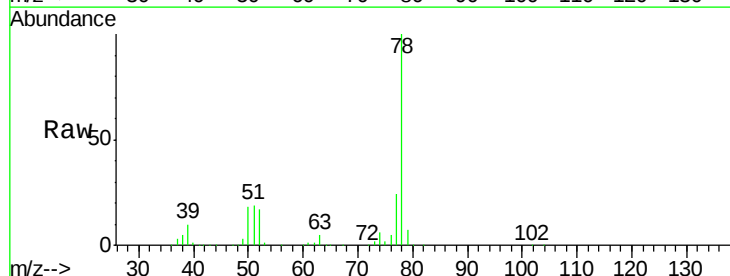
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBSD01

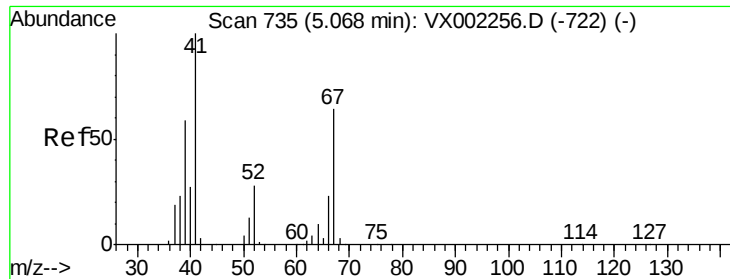
Tot Ion: 83 Resp: 95528
Ion Ratio Lower Upper
83 100
55 80.5 65.4 98.0
98 49.3 37.4 56.0



#40
Benzene
Concen: 18.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 78 Resp: 225659
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7





#41

Methacrylonitrile

Concen: 17.92 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

VX0606WBSD01

Tot Ion: 41 Resp: 49767

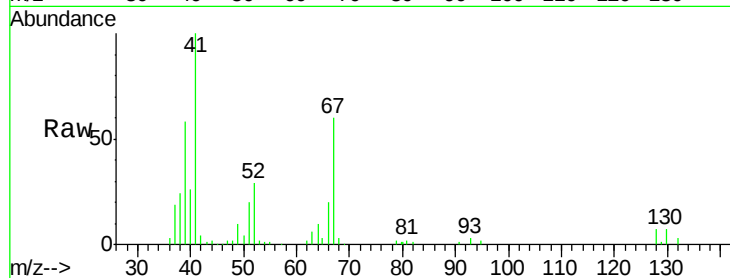
Ion Ratio Lower Upper

41 100

39 57.6 45.8 68.6

67 65.3 51.3 76.9

52 30.3 23.0 34.6

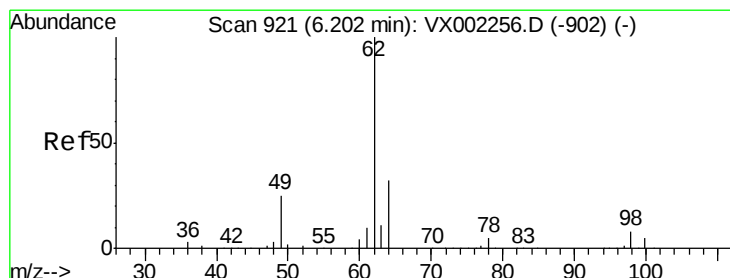
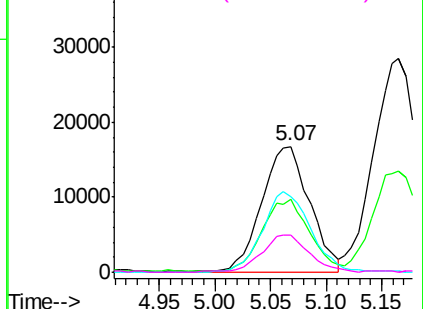
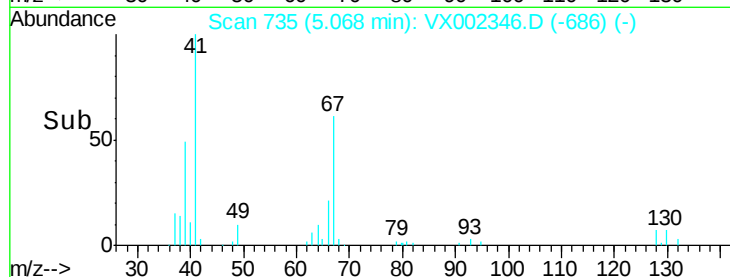


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.89 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX002346.D

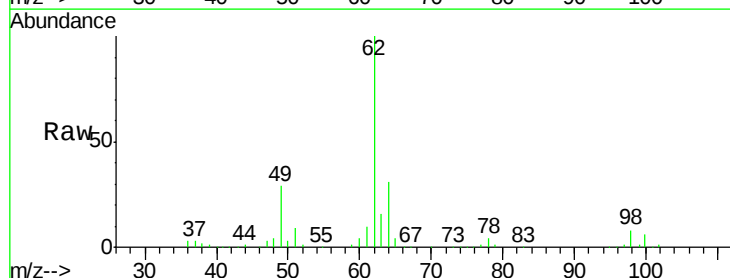
Acq: 06 Jun 2018 12:23

Tgt Ion: 62 Resp: 92799

Ion Ratio Lower Upper

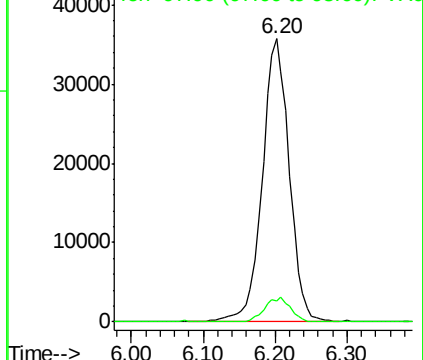
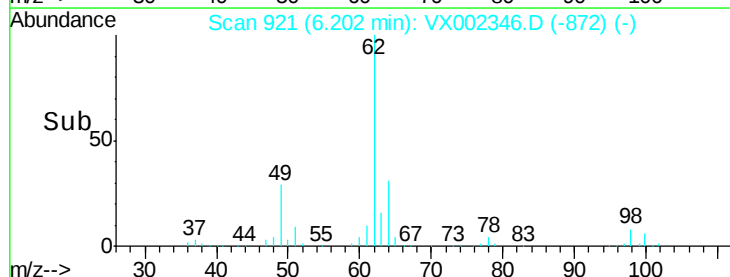
62 100

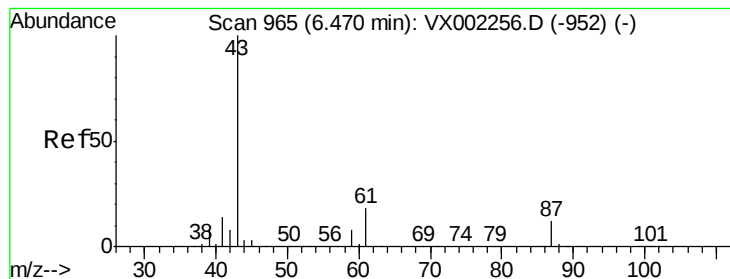
98 8.2 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.77 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

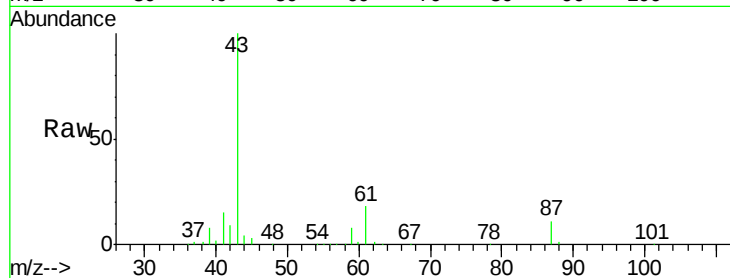
Tot Ion: 43 Resp: 146436

Ion Ratio Lower Upper

43 100

61 18.0 14.4 21.6

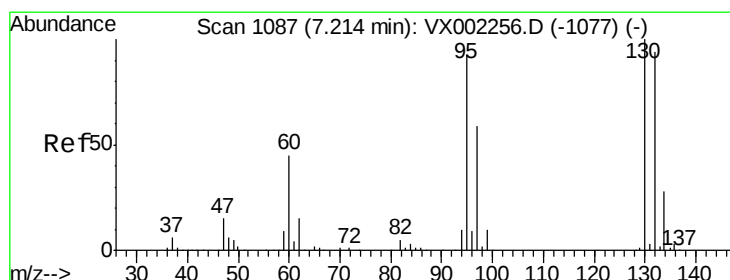
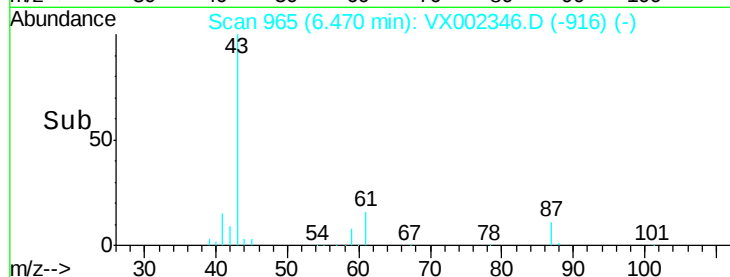
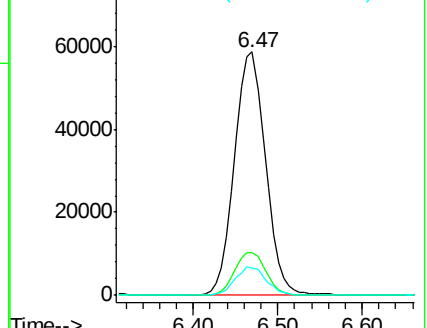
87 11.7 9.5 14.3



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



#44

Trichloroethene

Concen: 18.53 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX002346.D

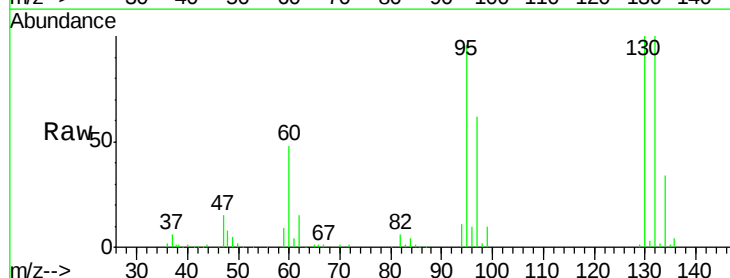
Acq: 06 Jun 2018 12:23

Tgt Ion:130 Resp: 63601

Ion Ratio Lower Upper

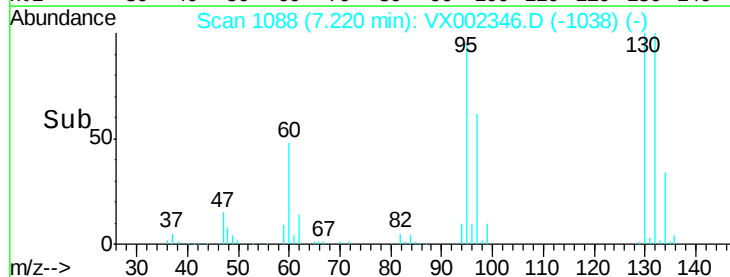
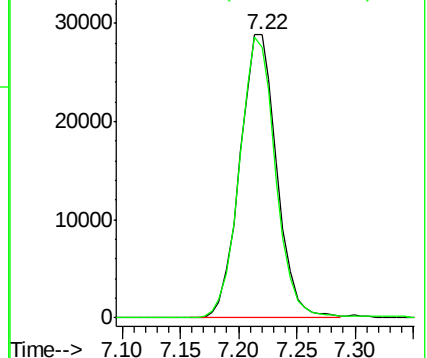
130 100

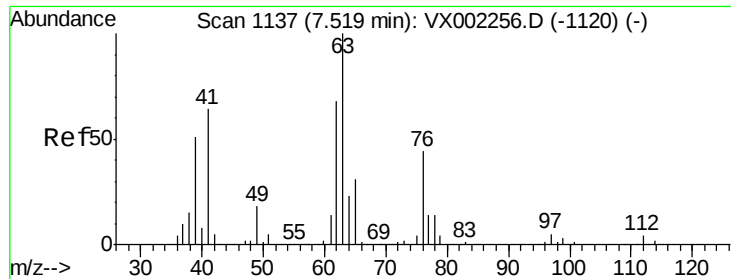
95 95.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.47 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

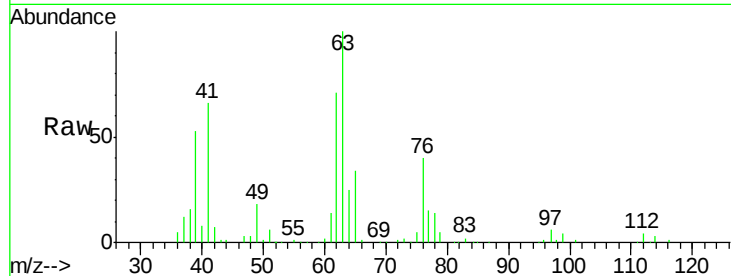
VX0606WBSD01

Tot Ion: 63 Resp: 61659

Ion Ratio Lower Upper

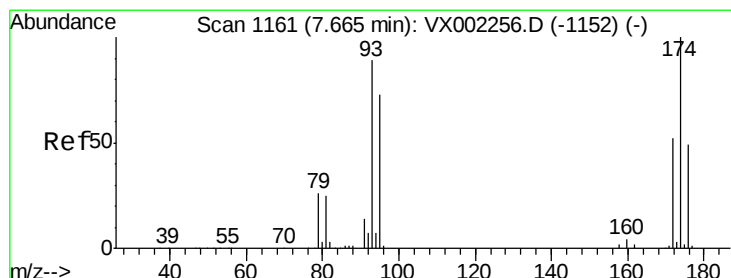
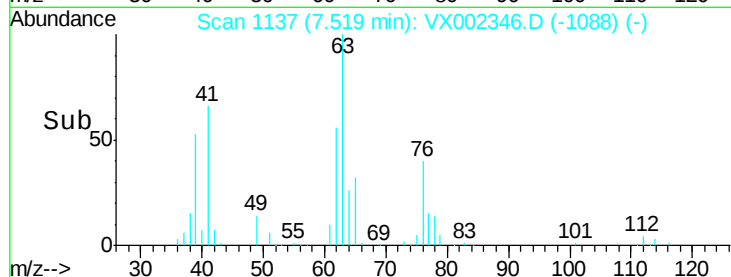
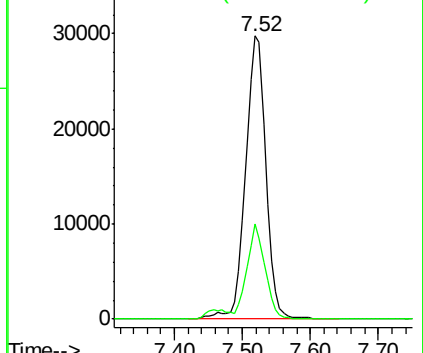
63 100

65 33.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.04 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

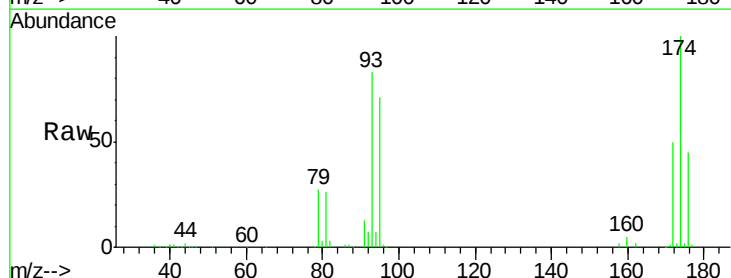
Tgt Ion: 93 Resp: 40821

Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

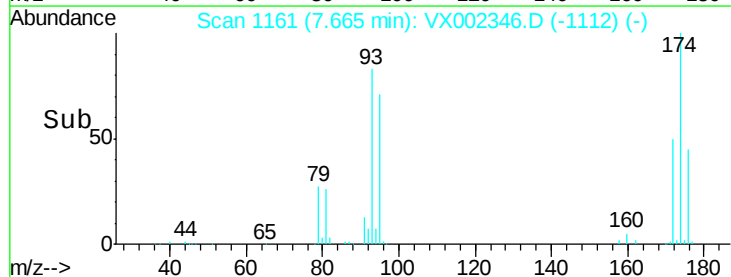
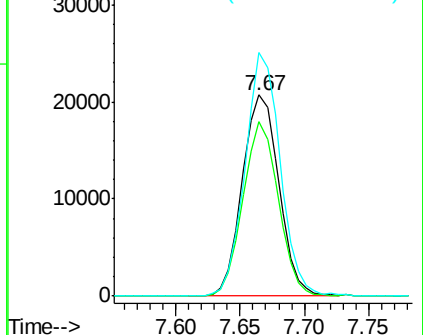
174 115.8 92.4 138.6

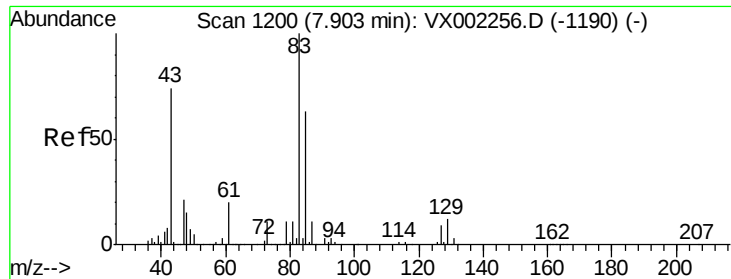


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.45 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

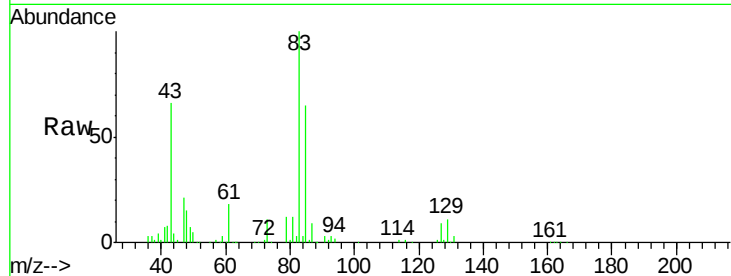
Tot Ion: 83 Resp: 71438

Ion Ratio Lower Upper

83 100

85 65.1 50.3 75.5

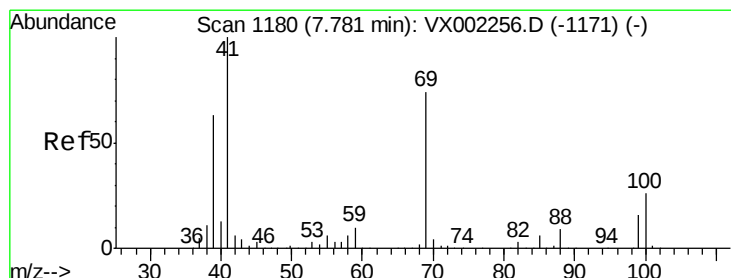
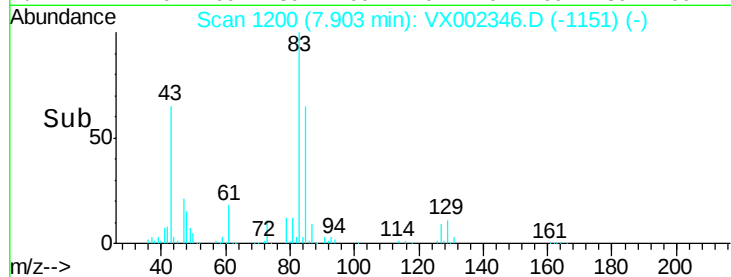
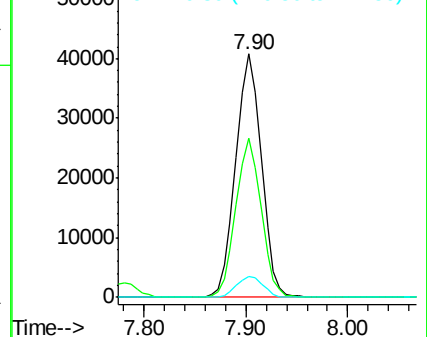
127 8.5 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.94 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

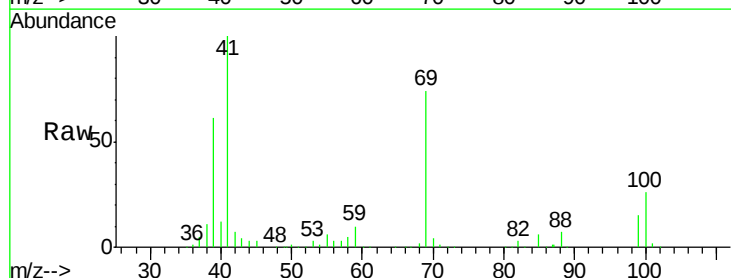
Tgt Ion: 41 Resp: 74261

Ion Ratio Lower Upper

41 100

69 77.3 59.1 88.7

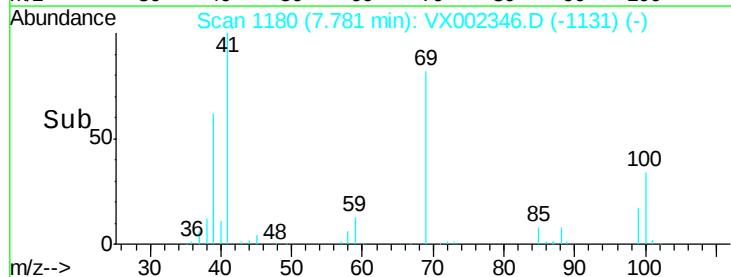
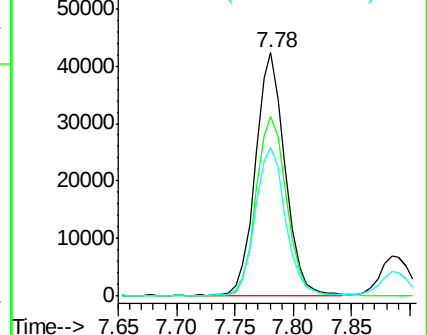
39 63.2 48.9 73.3

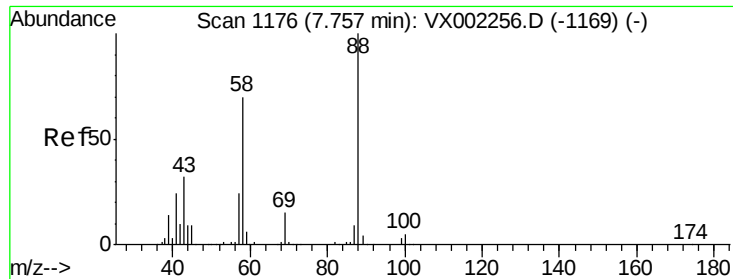


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 370.45 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

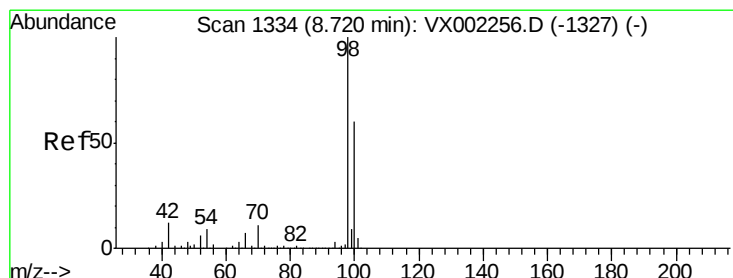
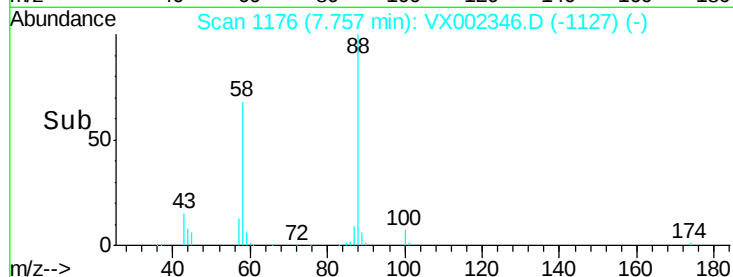
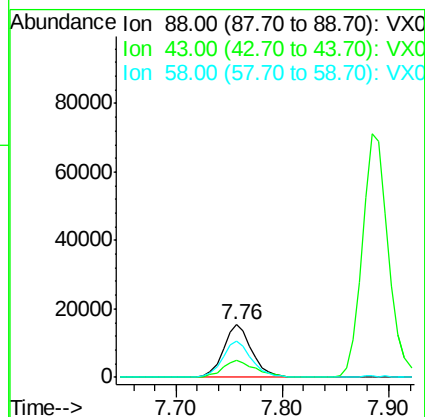
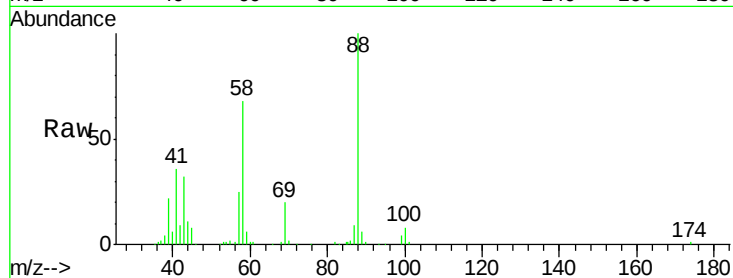
Tot Ion: 88 Resp: 28665

Ion Ratio Lower Upper

88 100

43 35.9 29.8 44.6

58 70.8 57.1 85.7



#50

Toluene-d8

Concen: 49.77 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002346.D

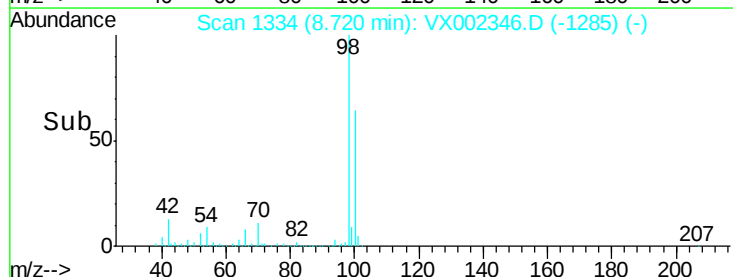
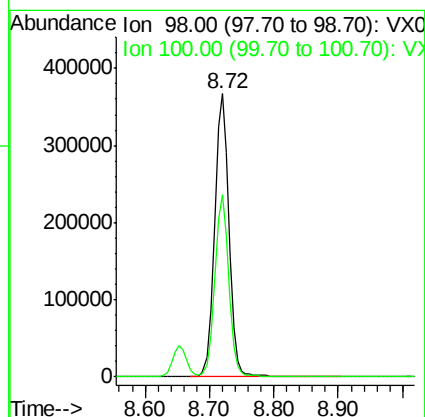
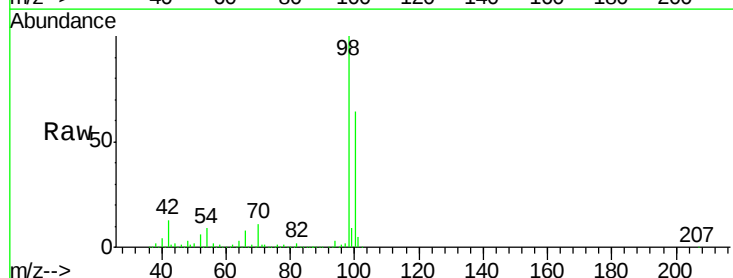
Acq: 06 Jun 2018 12:23

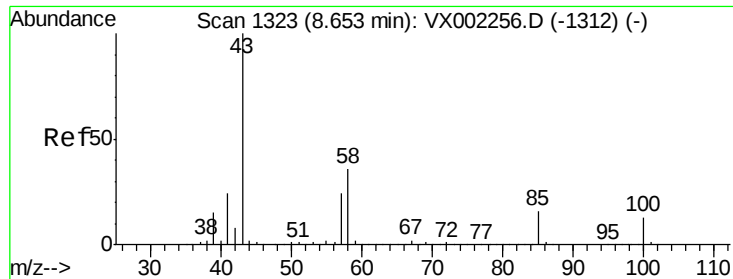
Tgt Ion: 98 Resp: 575537

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 92.81 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

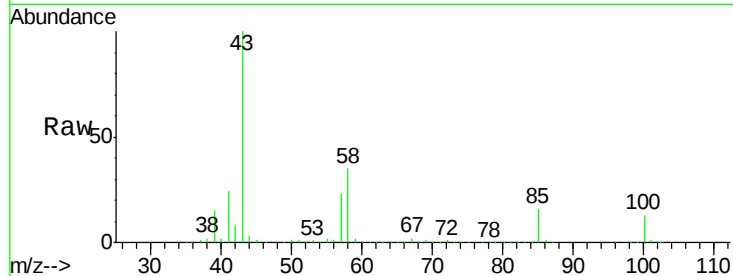
VX0606WBSD01

Tot Ion: 43 Resp: 476183

Ion Ratio Lower Upper

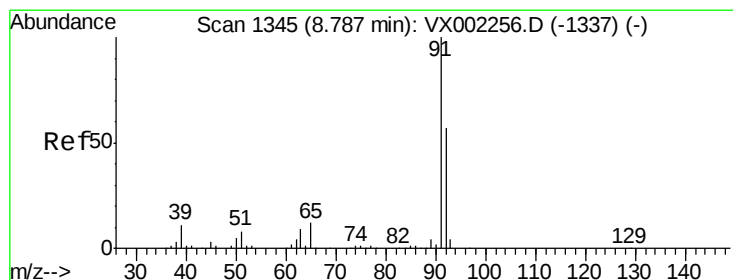
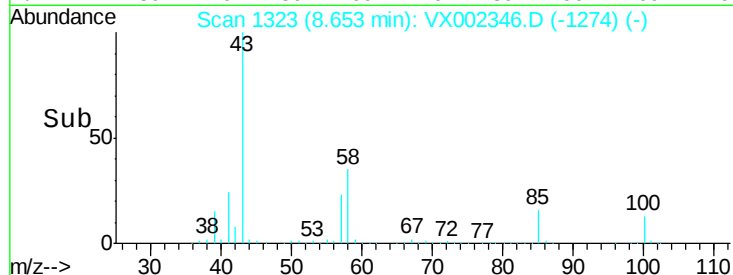
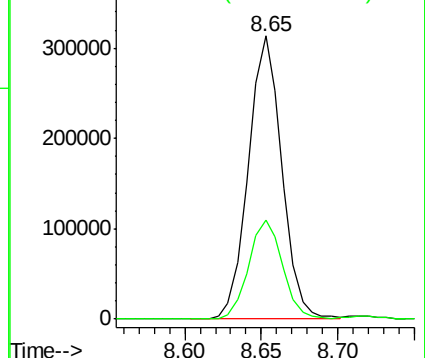
43 100

58 35.3 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: 18.91 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002346.D

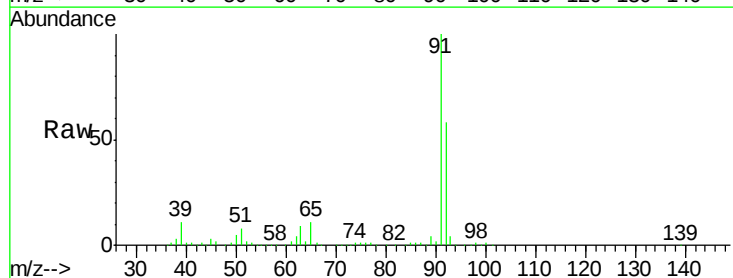
Acq: 06 Jun 2018 12:23

Tgt Ion: 92 Resp: 148775

Ion Ratio Lower Upper

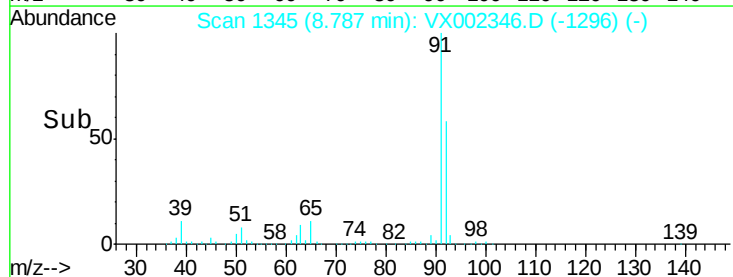
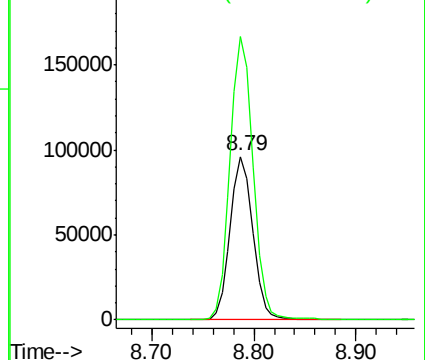
92 100

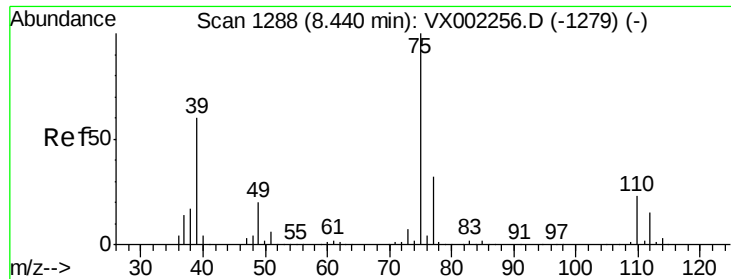
91 175.3 140.4 210.6



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: 17.48 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

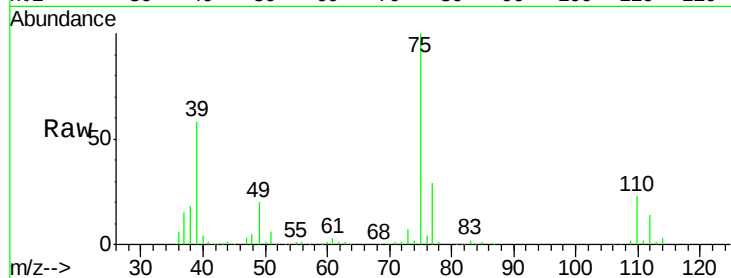
VX0606WBSD01

Tot Ion: 75 Resp: 85828

Ion Ratio Lower Upper

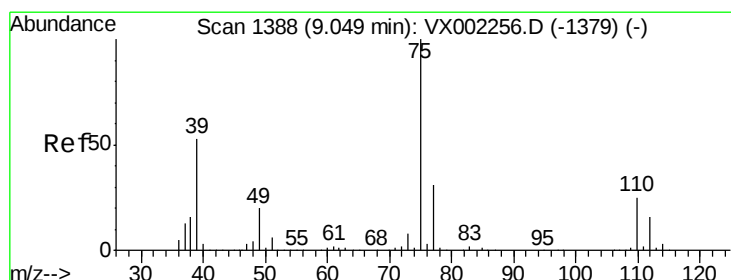
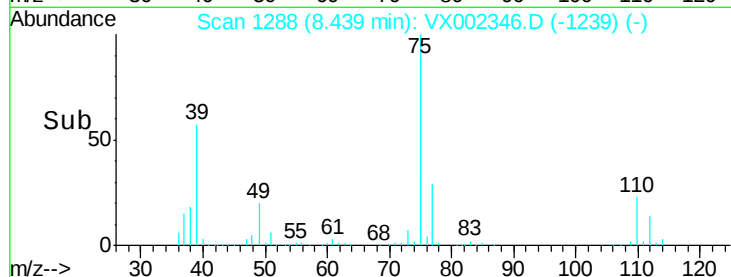
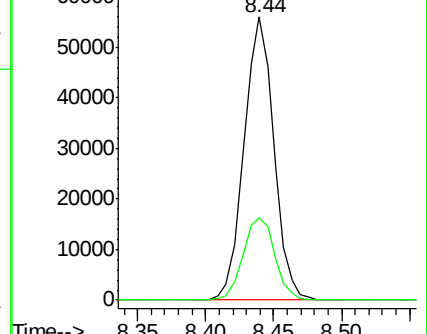
75 100

77 29.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 16.83 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

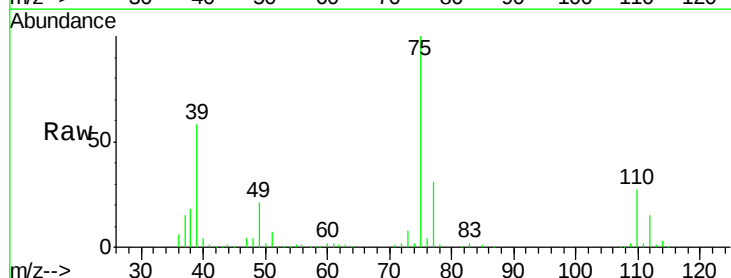
Tgt Ion: 75 Resp: 77956

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

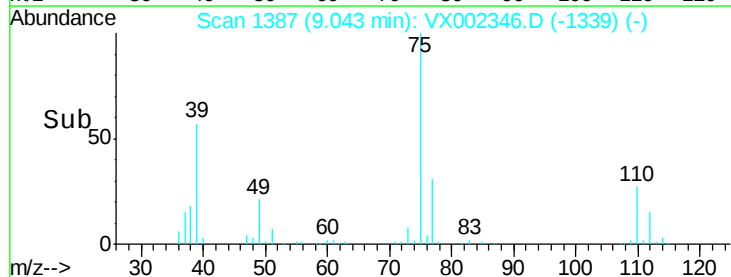
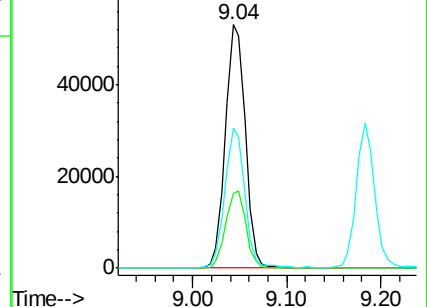
39 57.2 42.4 63.6

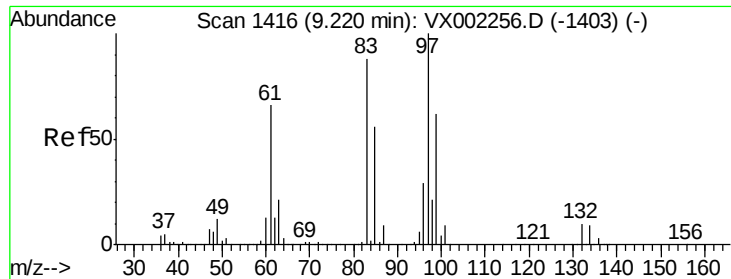


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

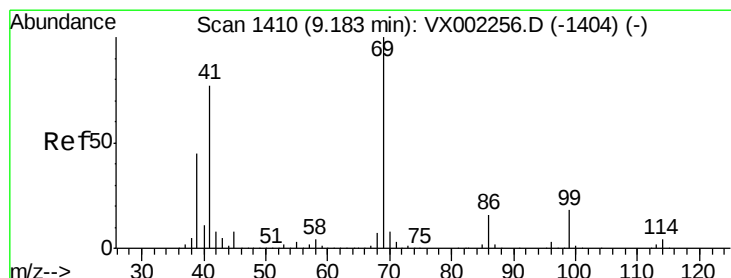
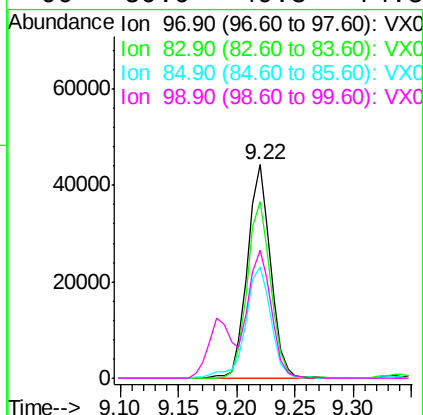
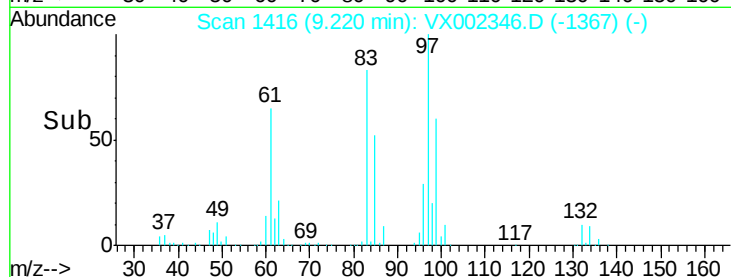
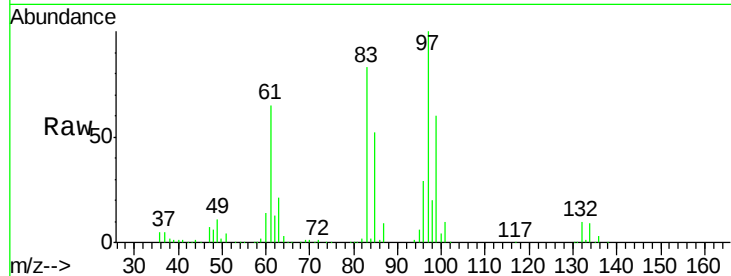




#55
 1,1,2-Trichloroethane
 Concen: 19.12 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

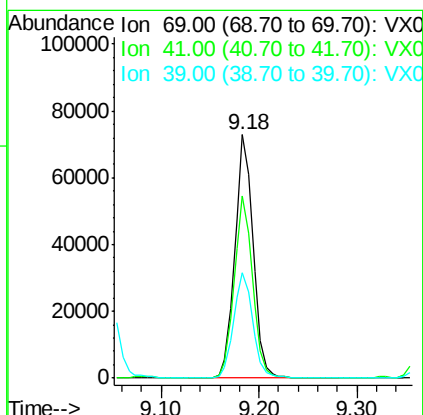
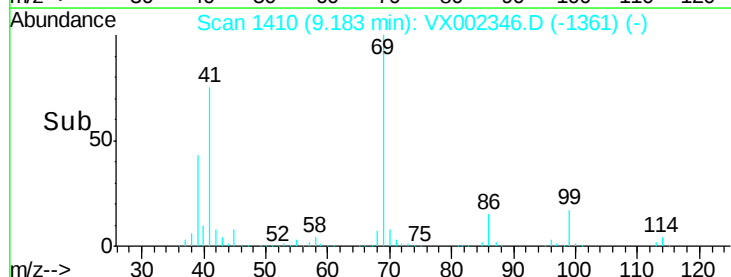
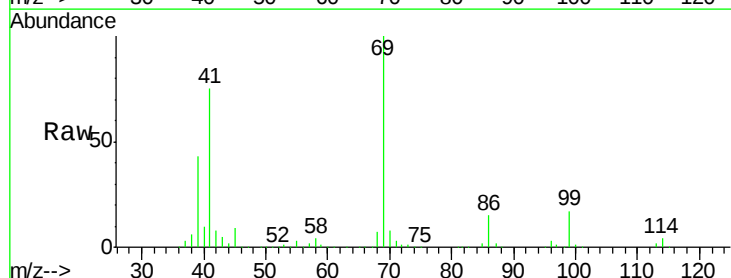
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

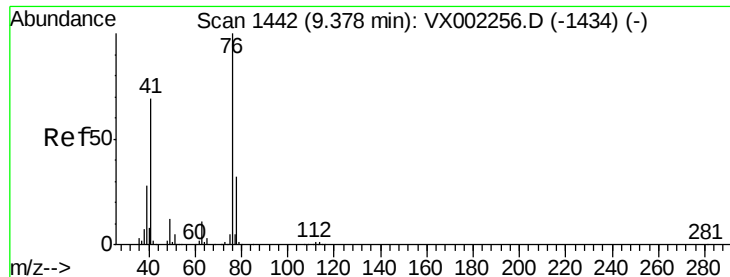
Tot Ion:	97	Resp:	61859
Ion	Ratio	Lower	Upper
97	100		
83	82.8	70.2	105.2
85	51.9	44.9	67.3
99	59.9	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.41 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Tgt Ion:	69	Resp:	95060
Ion	Ratio	Lower	Upper
69	100		
41	74.6	60.3	90.5
39	44.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 18.71 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

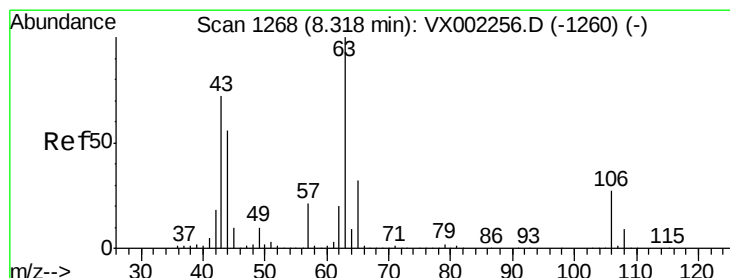
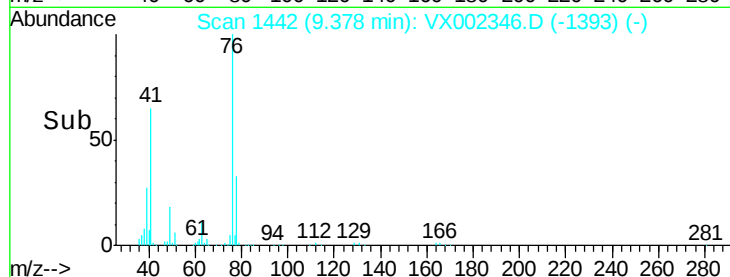
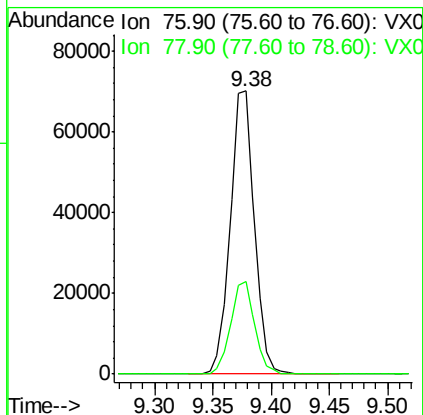
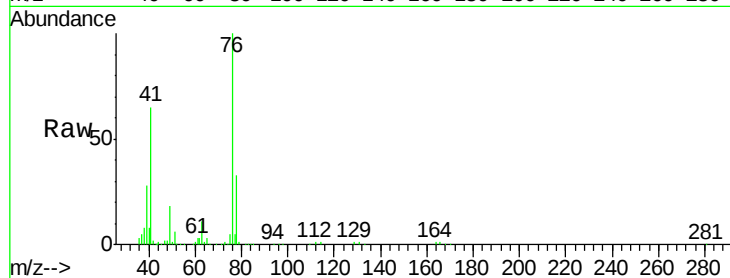
VX0606WBSD01

Tot Ion: 76 Resp: 101523

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.83 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002346.D

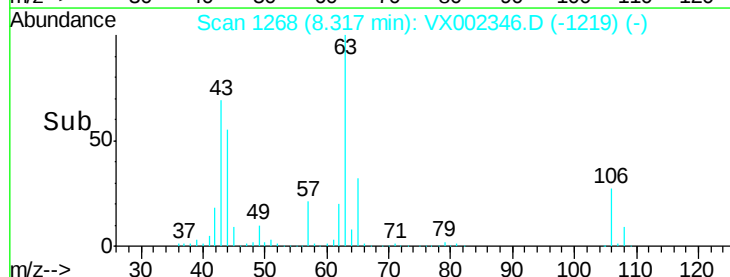
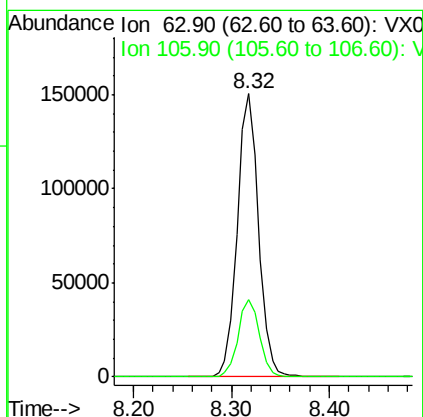
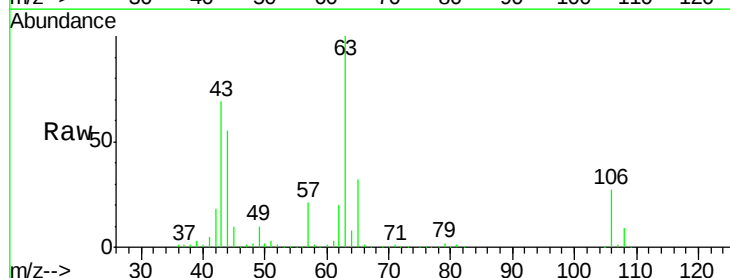
Acq: 06 Jun 2018 12:23

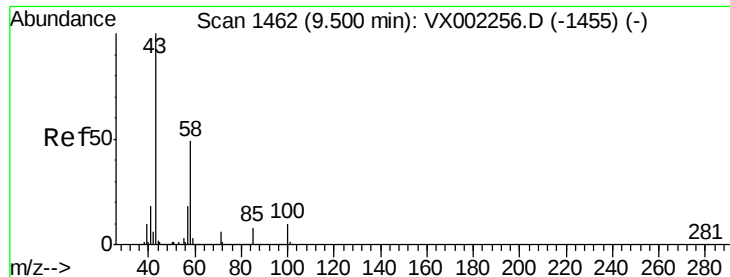
Tgt Ion: 63 Resp: 226686

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8

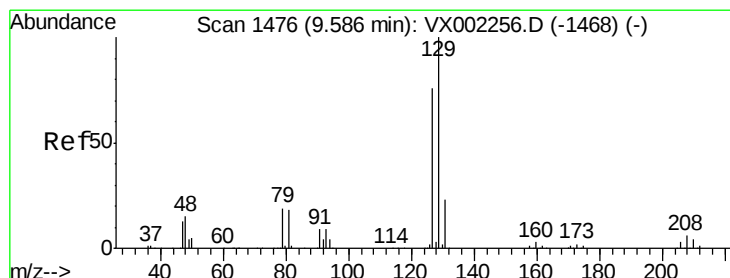
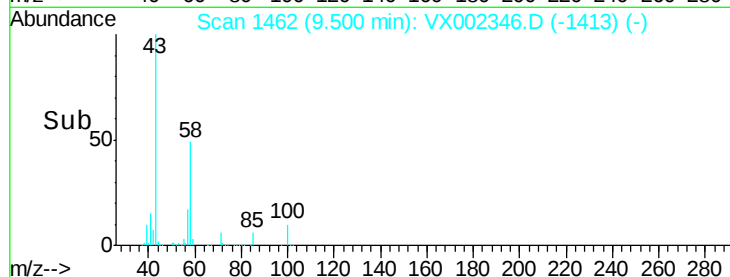
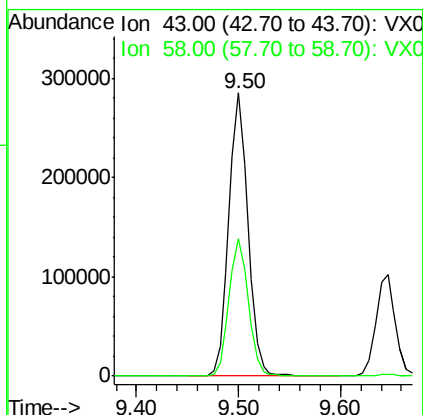
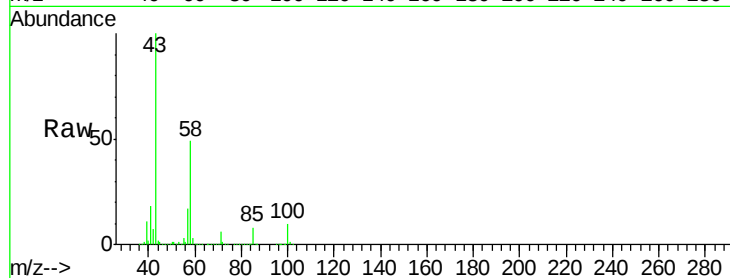




#59
2-Hexanone
Concen: 93.59 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

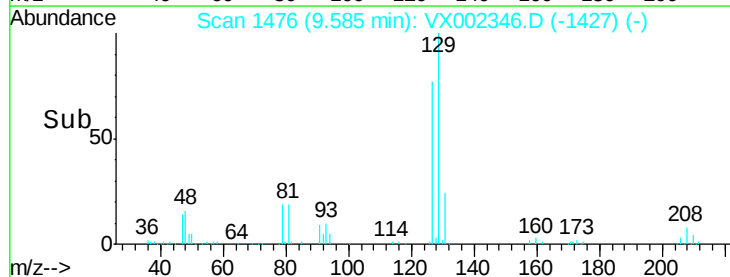
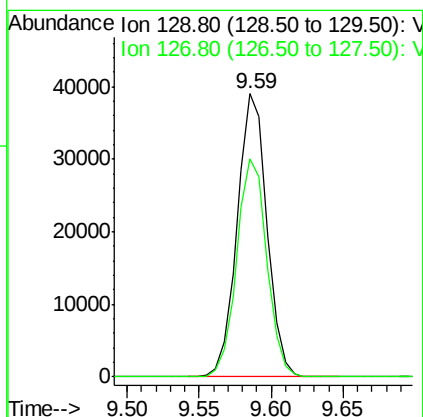
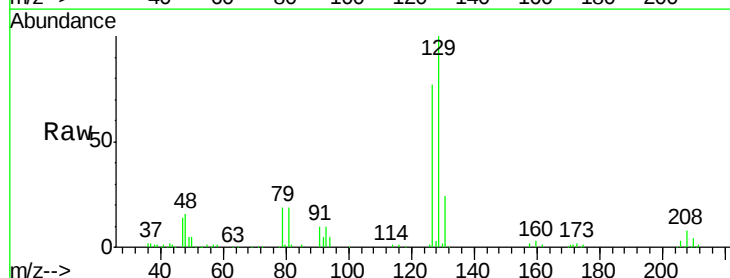
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBSD01

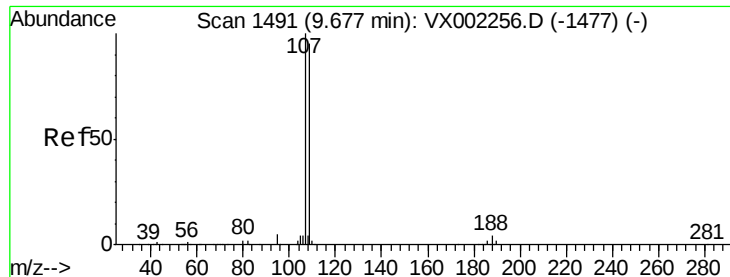
Tot Ion: 43 Resp: 370892
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.6



#60
Dibromochloromethane
Concen: 17.23 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion:129 Resp: 56067
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.99 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

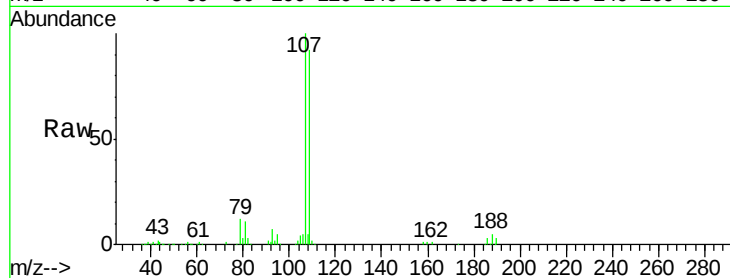
VX0606WBSD01

Tot Ion:107 Resp: 64043

Ion Ratio Lower Upper

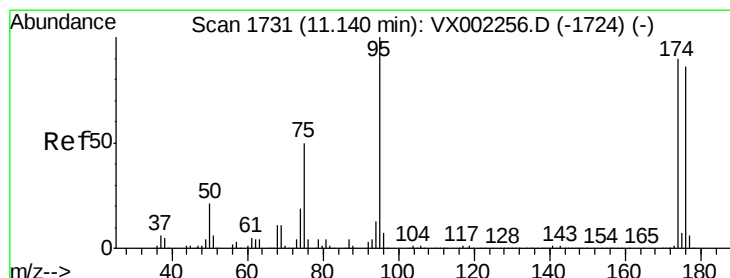
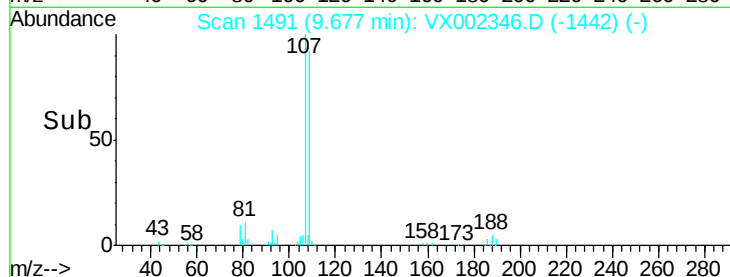
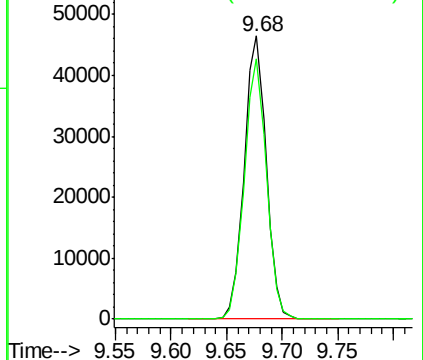
107 100

109 92.4 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: 48.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

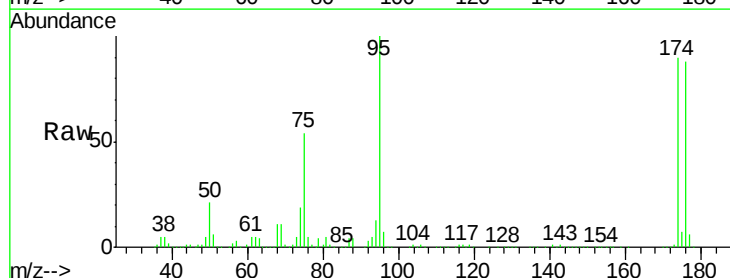
Tgt Ion: 95 Resp: 216405

Ion Ratio Lower Upper

95 100

174 94.4 0.0 187.4

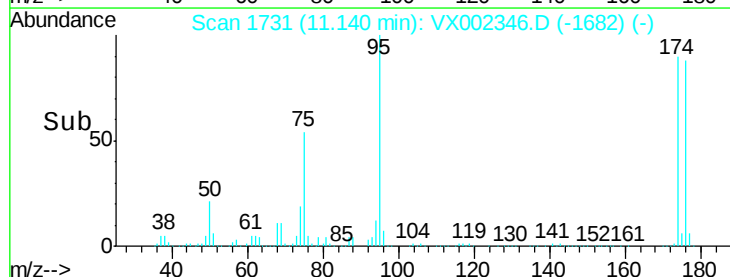
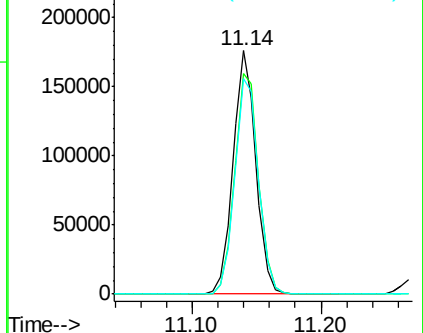
176 92.2 0.0 181.0

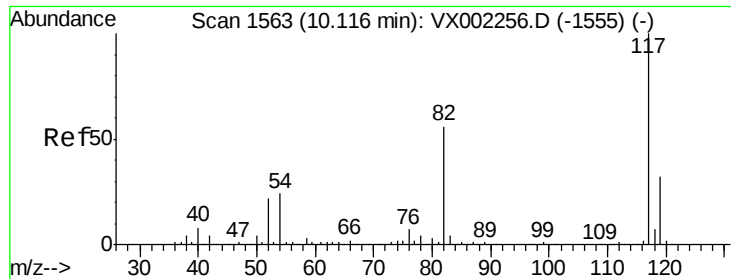


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

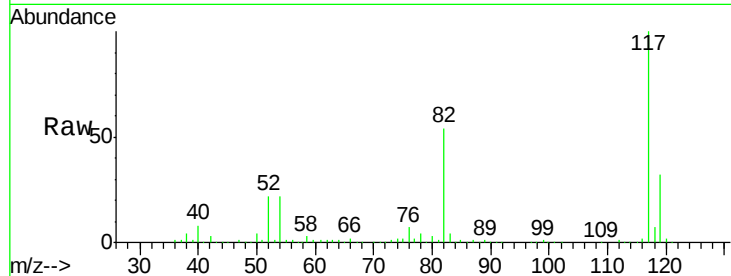




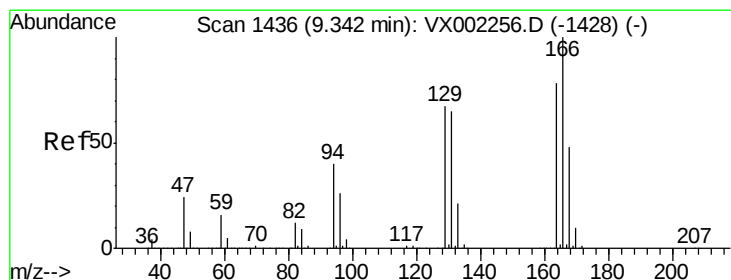
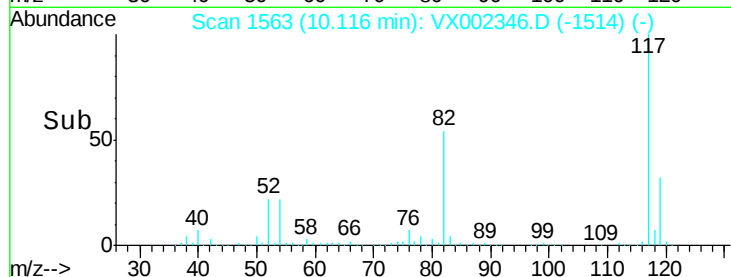
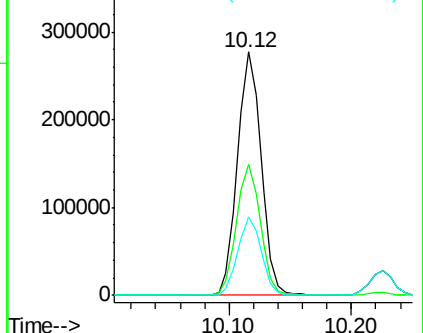
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBSD01

Tot Ion:117 Resp: 370829
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.1 25.8 38.6

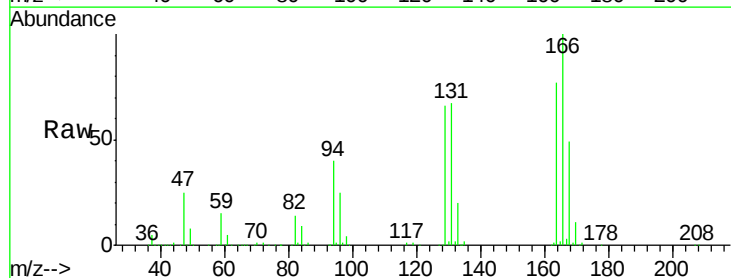


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

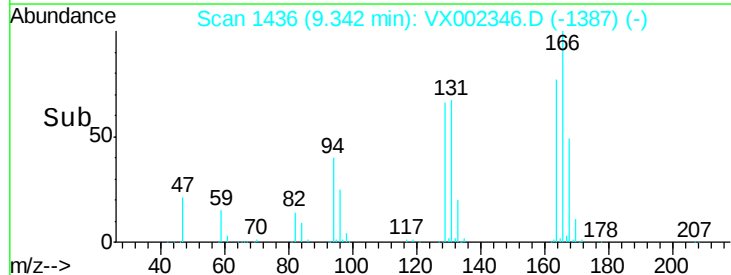
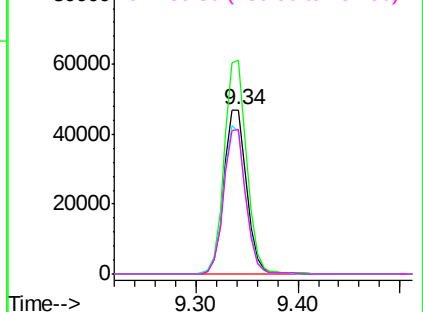


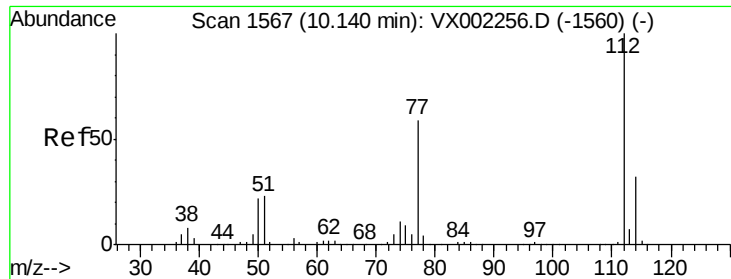
#64
Tetrachloroethene
Concen: 18.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion:164 Resp: 72106
Ion Ratio Lower Upper
164 100
166 129.9 102.9 154.3
129 86.2 68.6 102.8
131 87.6 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

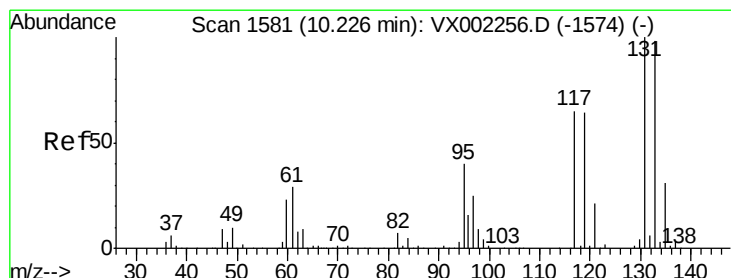
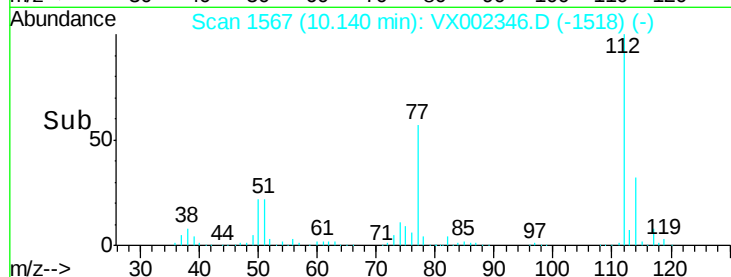
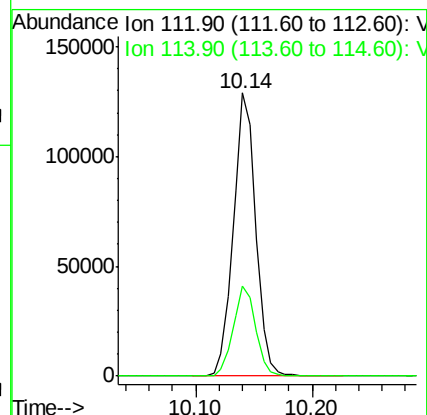
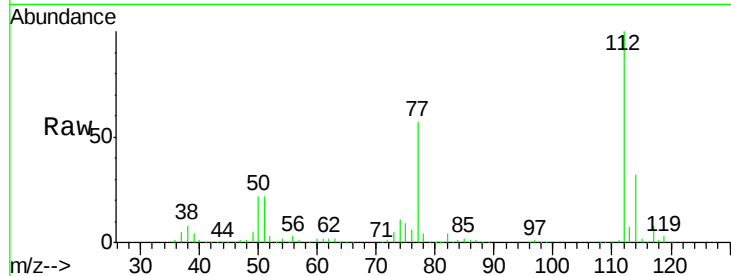




#65
Chlorobenzene
Concen: 18.67 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

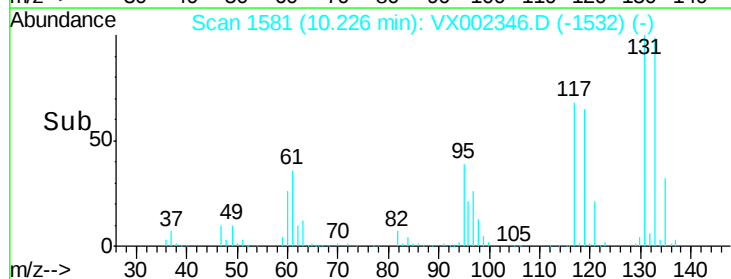
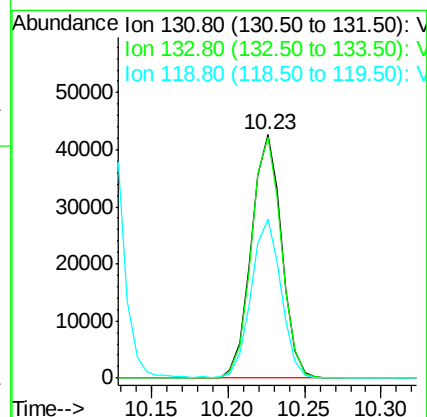
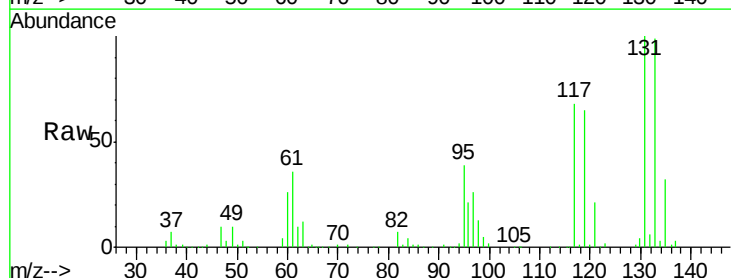
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBSD01

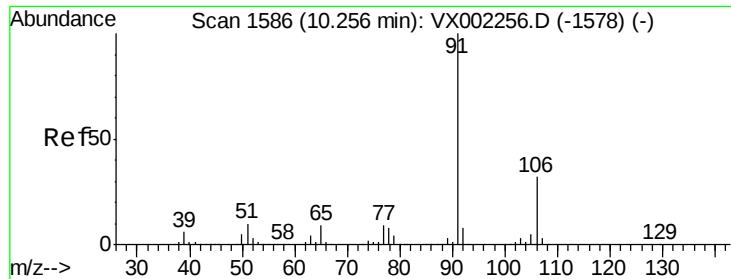
Tot Ion:112 Resp: 172268
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 17.48 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion:131 Resp: 58399
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.6
119 64.8 31.8 95.3

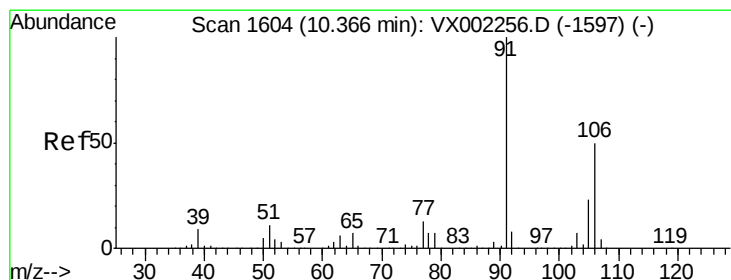
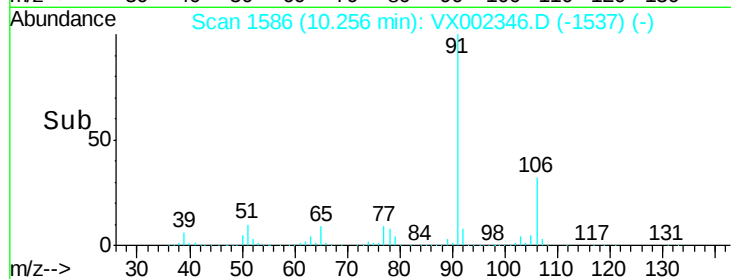
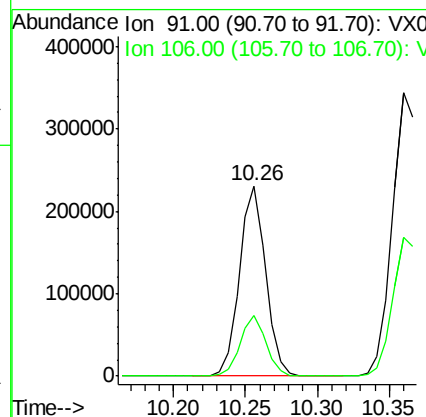
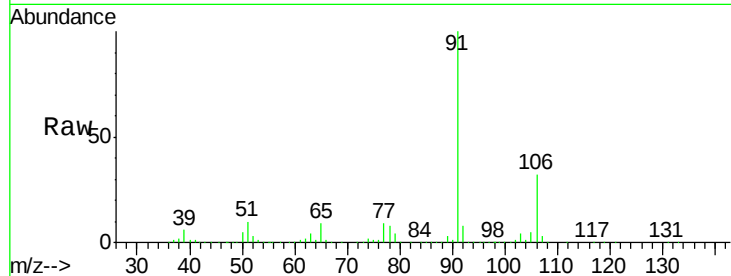




#67
Ethyl Benzene
Concen: 19.01 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

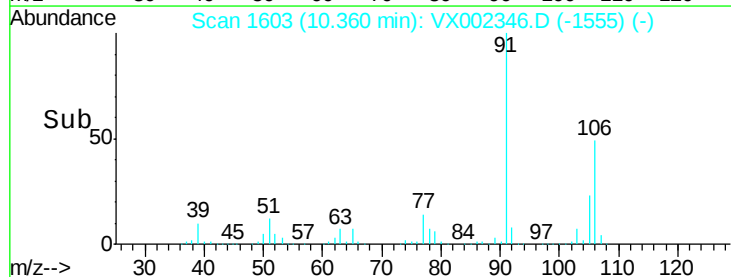
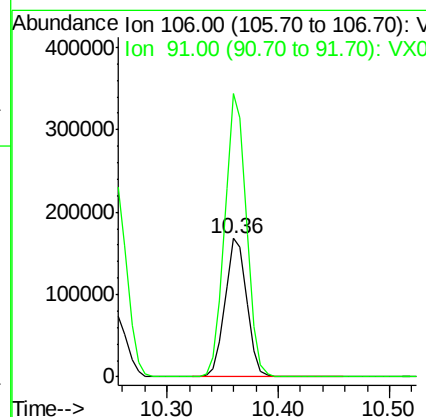
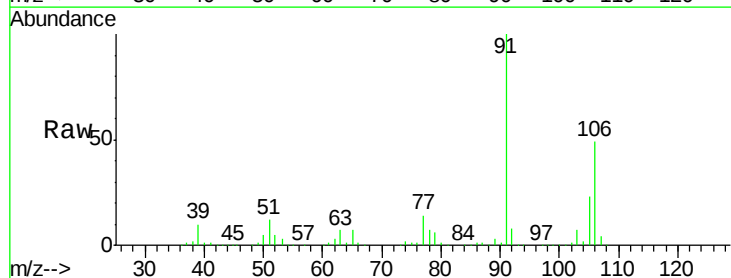
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBSD01

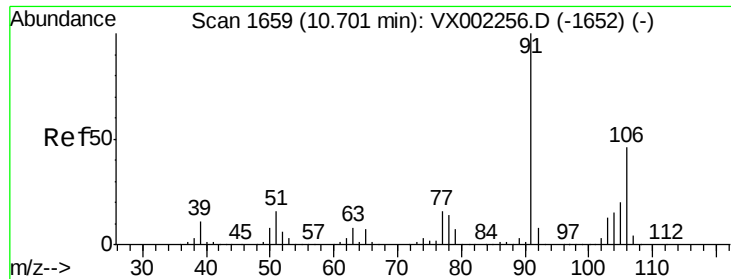
Tot Ion: 91 Resp: 293486
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 37.80 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 106 Resp: 226910
Ion Ratio Lower Upper
106 100
91 202.9 163.4 245.2

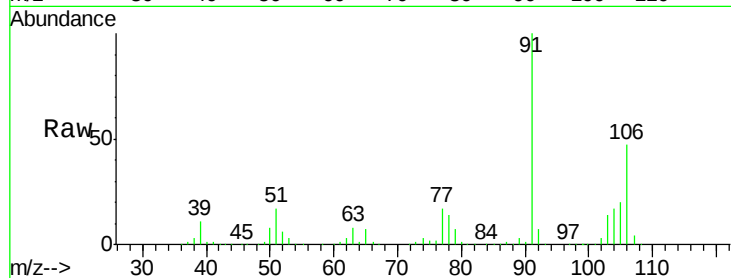




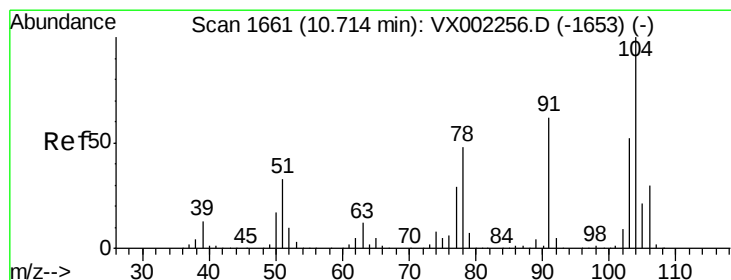
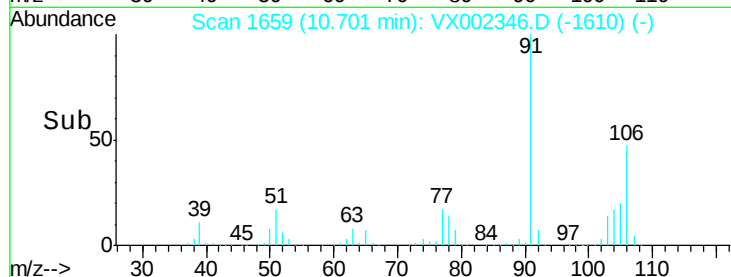
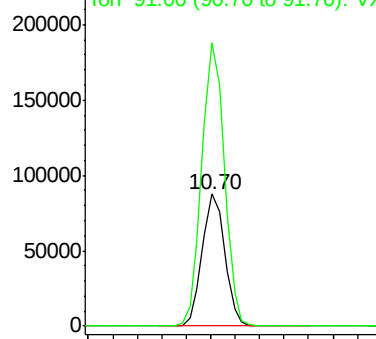
#69
o-Xylene
Concen: 18.76 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Instrument :
MSVOA_X
ClientSampled :
VX0606WBSD01

Tot Ion:106 Resp: 112084
Ion Ratio Lower Upper
106 100
91 214.2 108.2 324.6

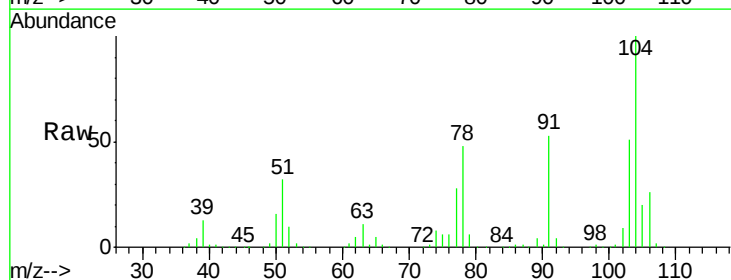


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

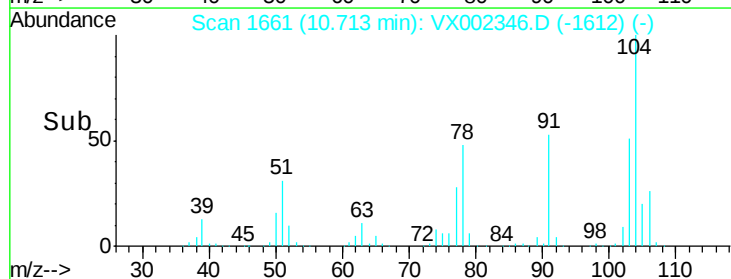
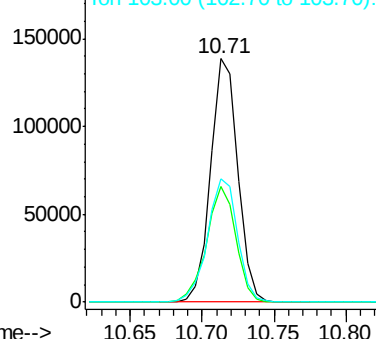


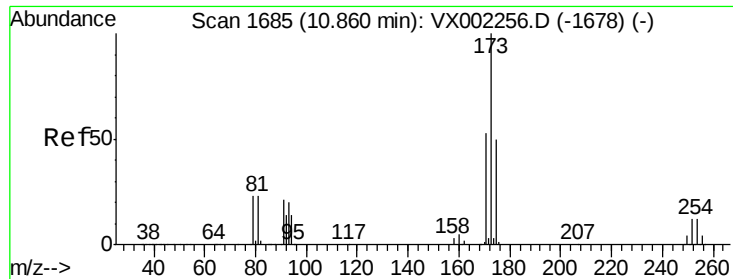
#70
Styrene
Concen: 18.61 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion:104 Resp: 181780
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.6
103 56.4 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.19 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

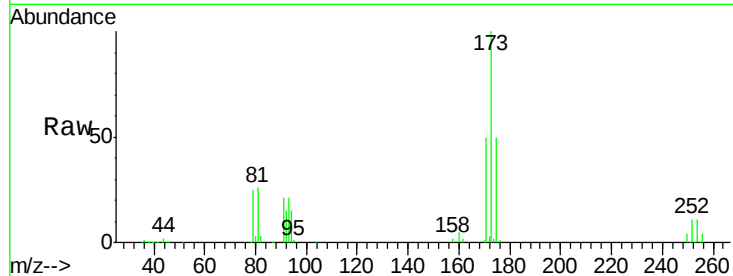
Tot Ion:173 Resp: 40945

Ion Ratio Lower Upper

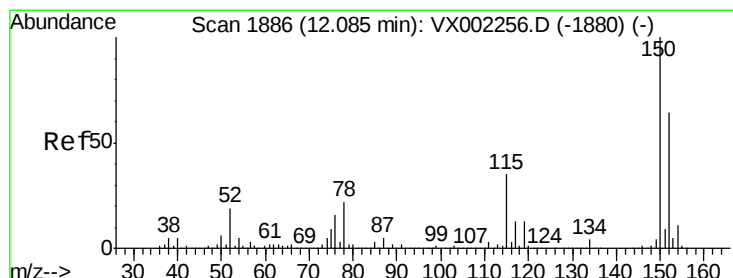
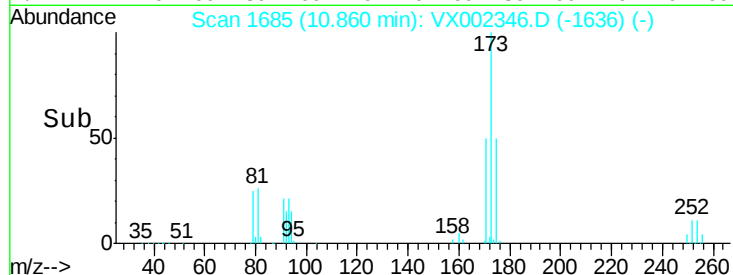
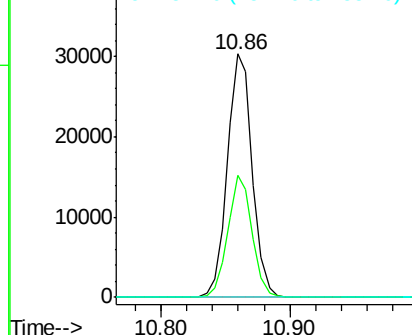
173 100

175 48.8 24.7 74.1

254 0.1 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: VX002346.D

Acq: 06 Jun 2018 12:23

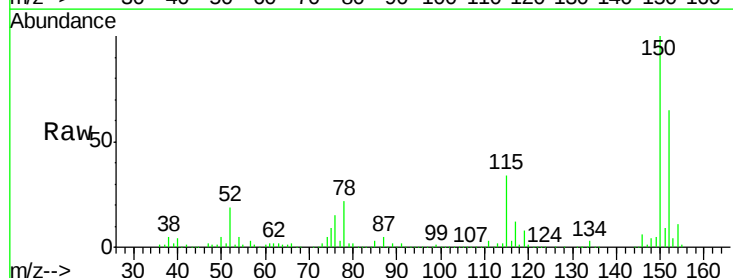
Tgt Ion:152 Resp: 233070

Ion Ratio Lower Upper

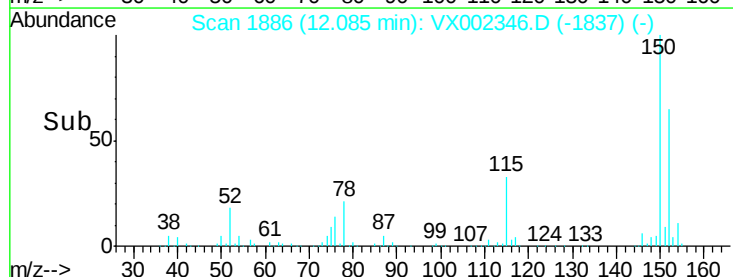
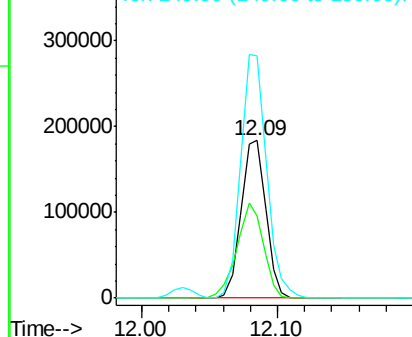
152 100

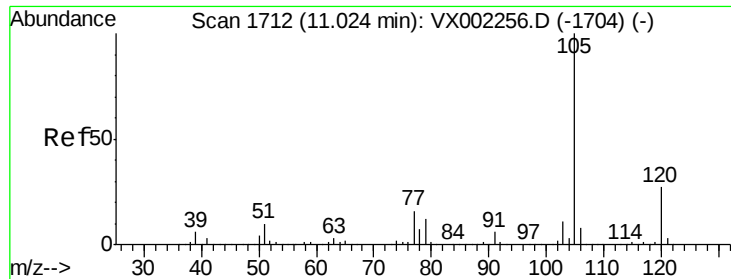
115 64.1 40.1 120.2

150 162.1 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: 18.70 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

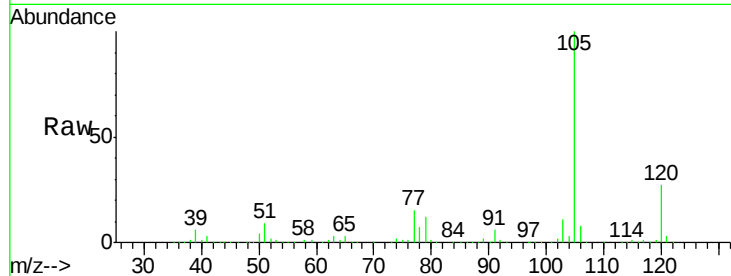
VX0606WBSD01

Tot Ion:105 Resp: 303249

Ion Ratio Lower Upper

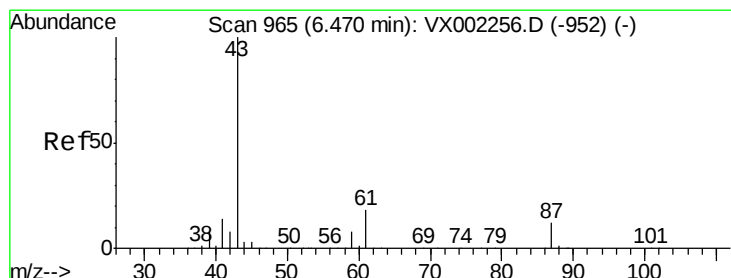
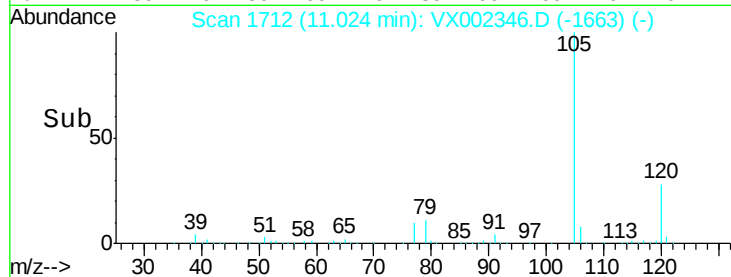
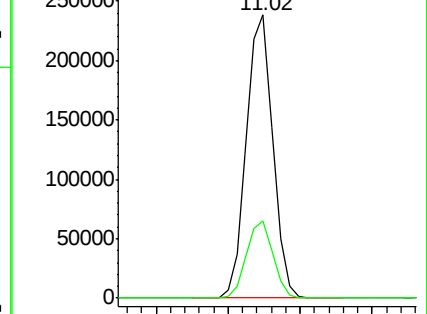
105 100

120 27.3 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: 16.76 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Tgt Ion: 43 Resp: 146436

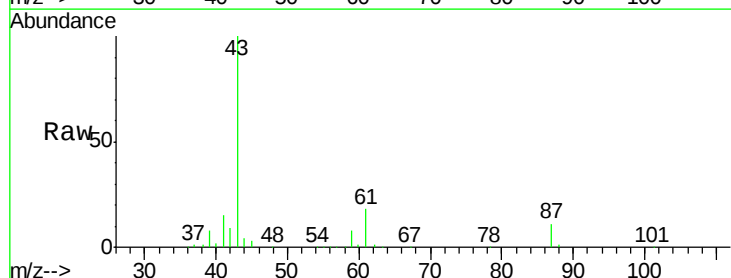
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.0 14.4 21.6

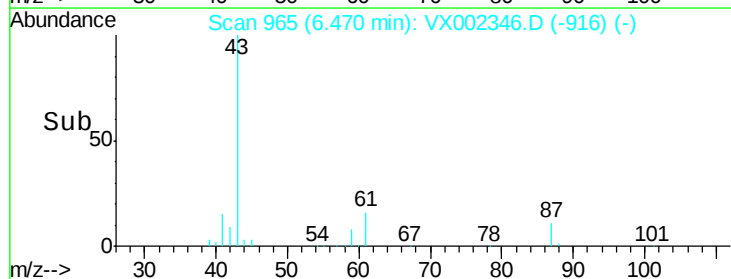
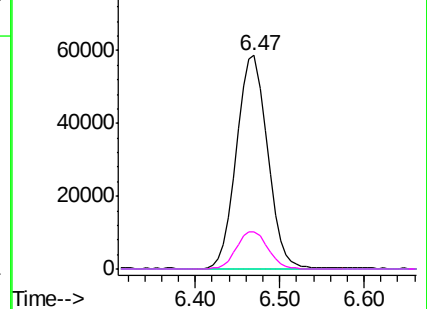


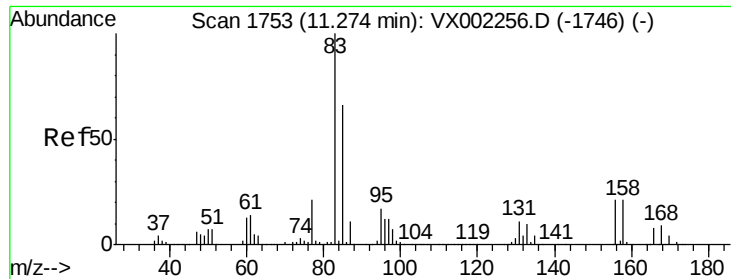
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 17.60 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

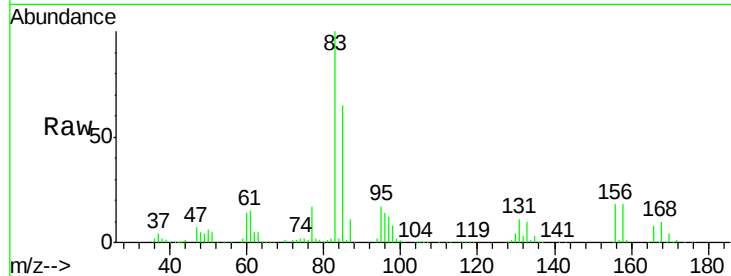
Tot Ion: 83 Resp: 89765

Ion Ratio Lower Upper

83 100

131 11.0 5.6 16.8

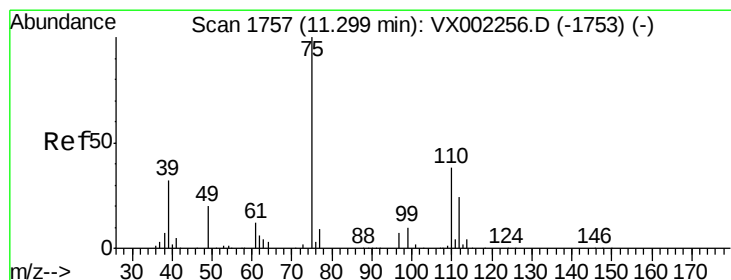
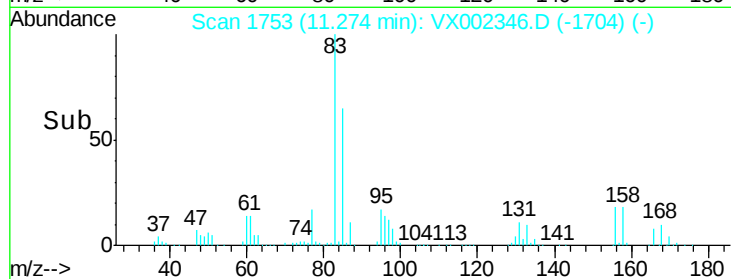
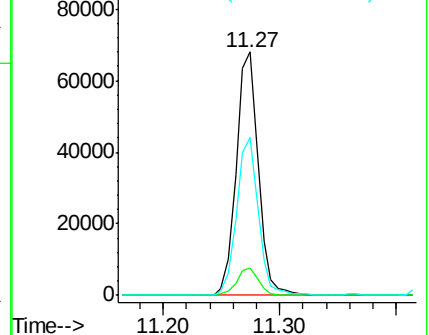
85 64.3 32.4 97.2



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: 19.75 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002346.D

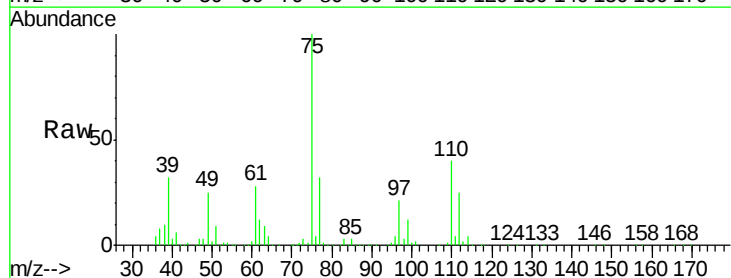
Acq: 06 Jun 2018 12:23

Tgt Ion: 75 Resp: 101025

Ion Ratio Lower Upper

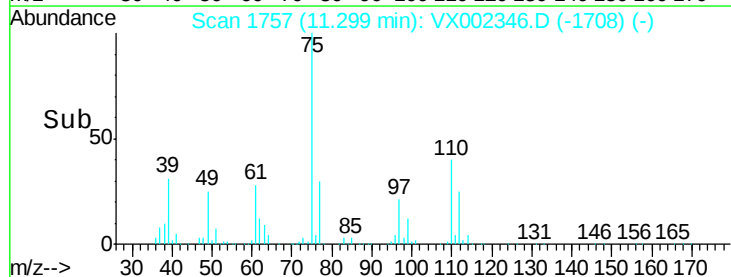
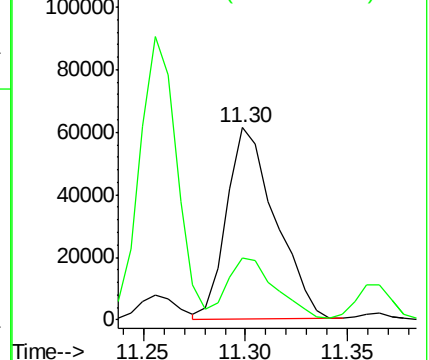
75 100

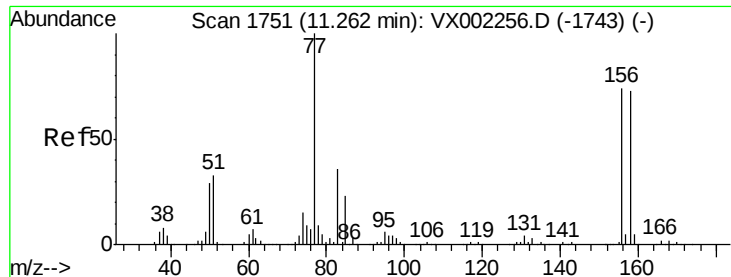
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.80 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

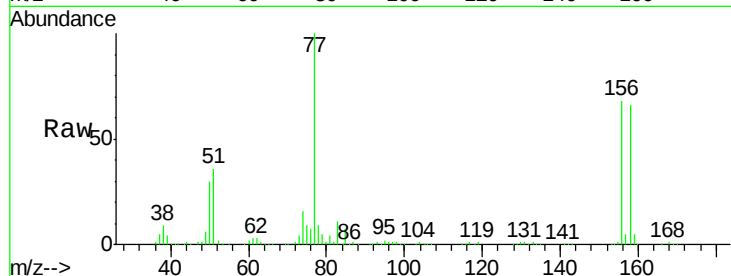
Tot Ion:156 Resp: 81035

Ion Ratio Lower Upper

156 100

77 141.4 71.4 214.2

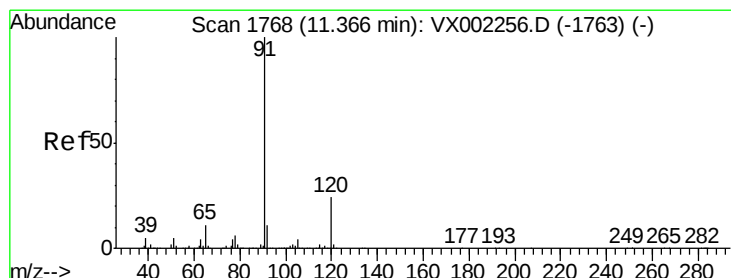
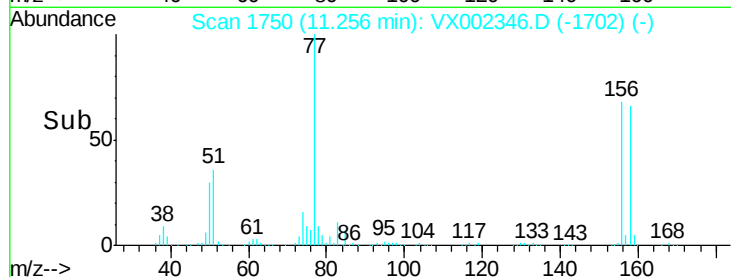
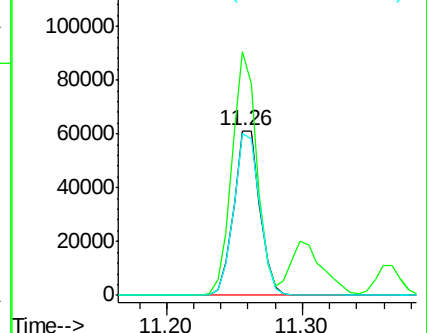
158 98.2 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002346.D

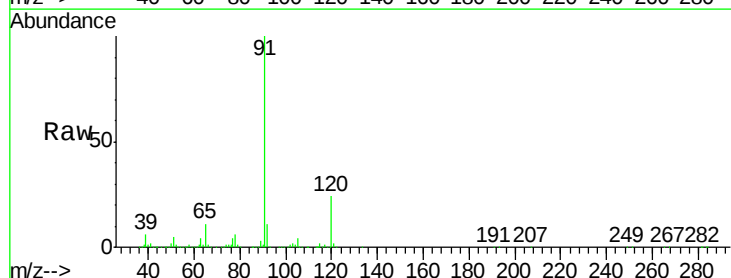
Acq: 06 Jun 2018 12:23

Tgt Ion: 91 Resp: 348290

Ion Ratio Lower Upper

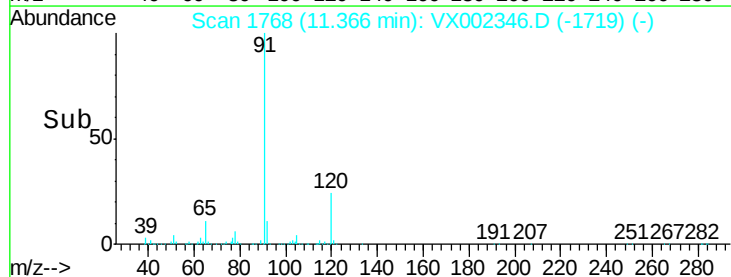
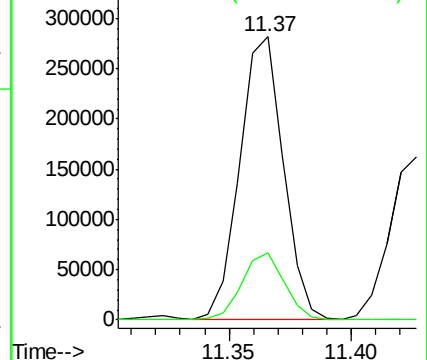
91 100

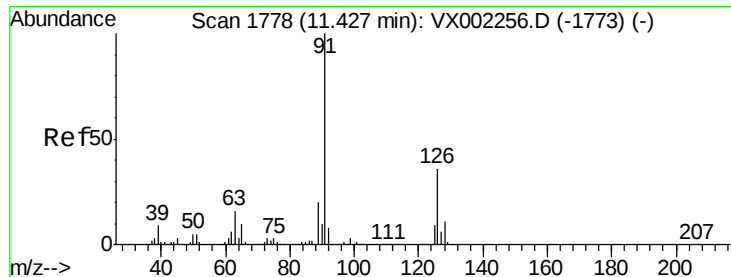
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.91 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

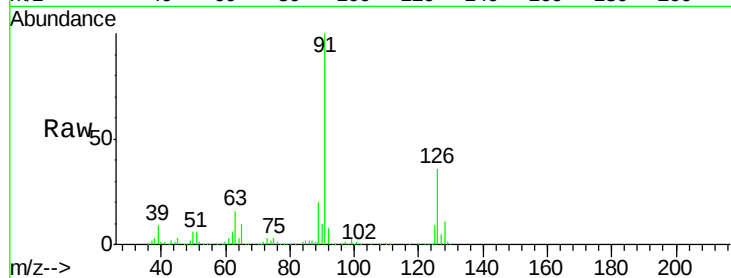
VX0606WBSD01

Tot Ion: 91 Resp: 203763

Ion Ratio Lower Upper

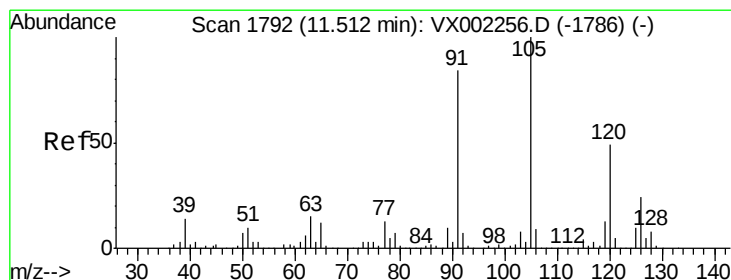
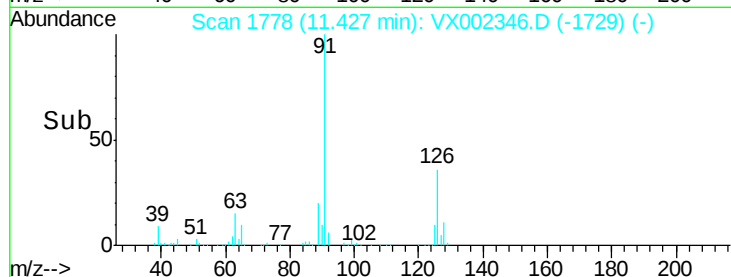
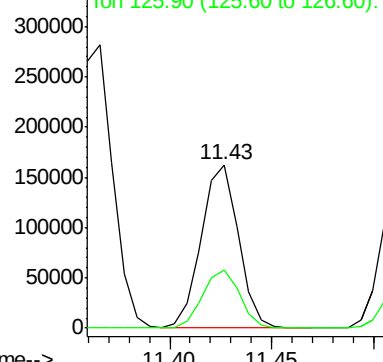
91 100

126 36.0 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: 18.61 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002346.D

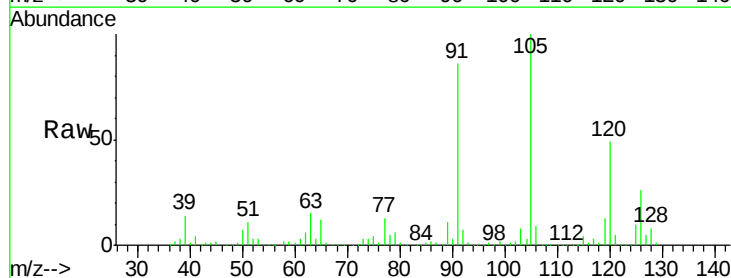
Acq: 06 Jun 2018 12:23

Tgt Ion:105 Resp: 258858

Ion Ratio Lower Upper

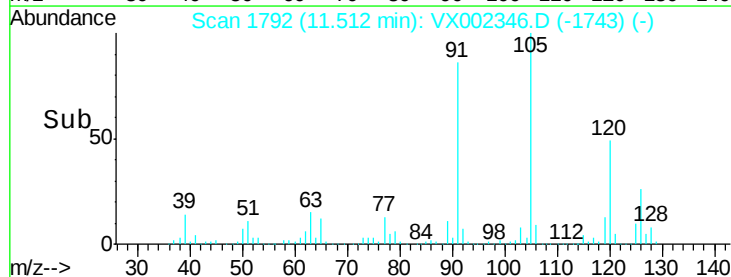
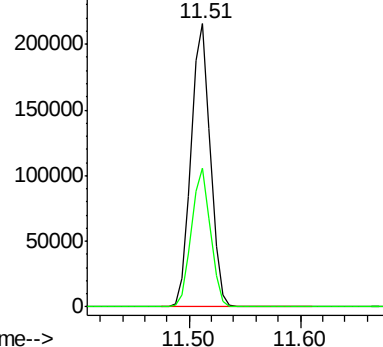
105 100

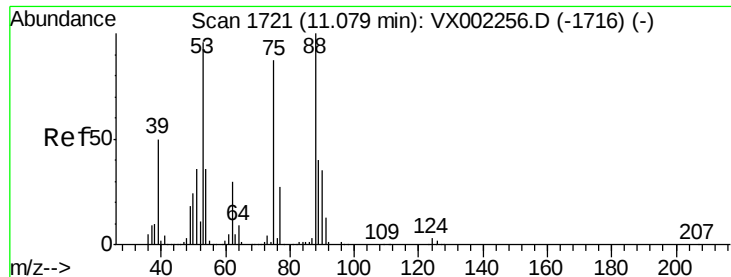
120 48.4 24.4 73.4



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: 14.02 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

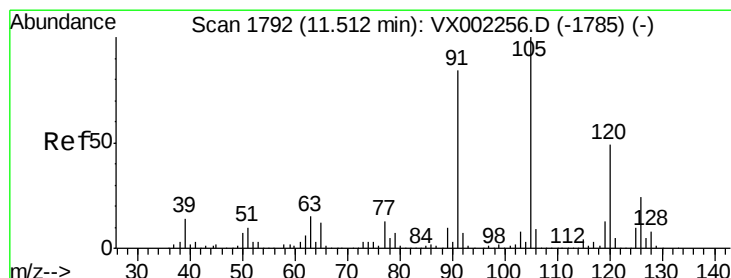
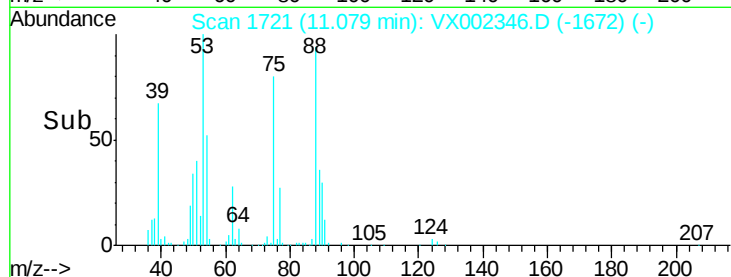
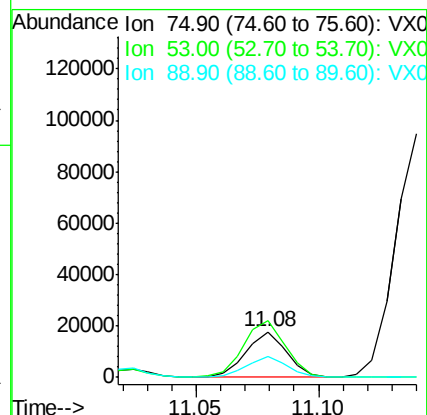
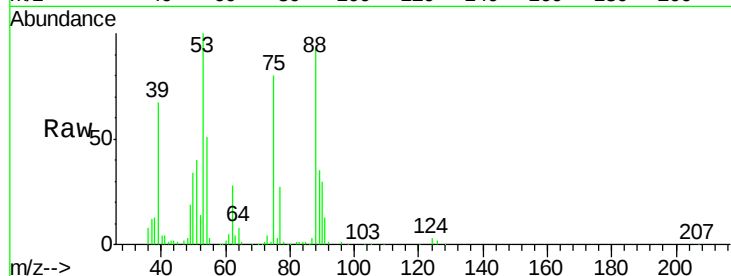
Tot Ion: 75 Resp: 20460

Ion Ratio Lower Upper

75 100

53 128.7 86.8 130.2

89 46.5 38.2 57.2



#82

4-Chlorotoluene

Concen: 18.31 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002346.D

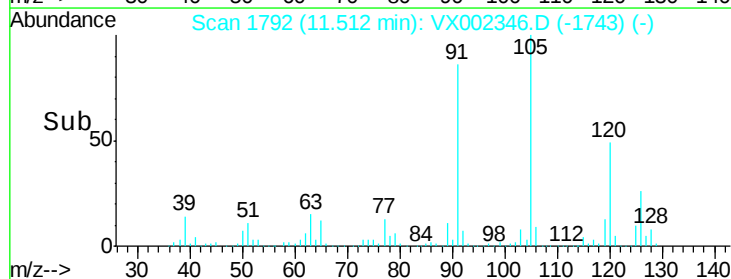
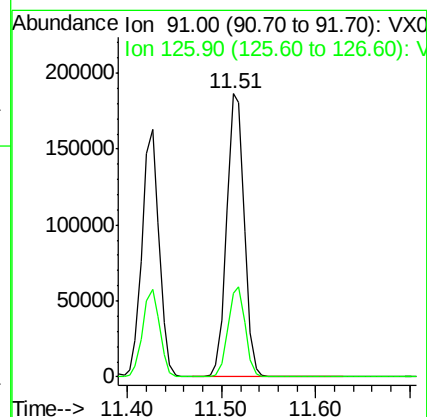
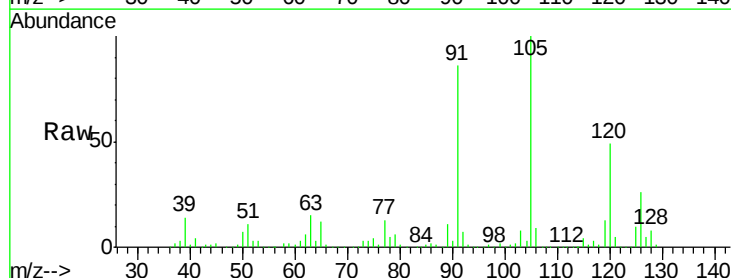
Acq: 06 Jun 2018 12:23

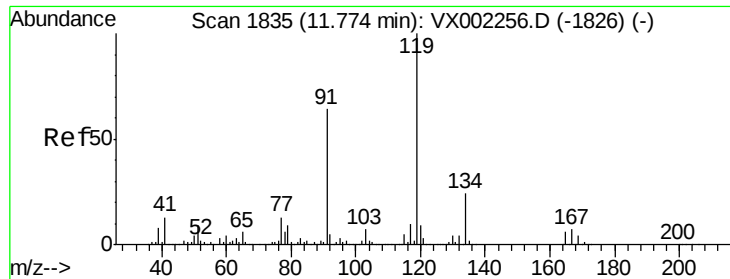
Tgt Ion: 91 Resp: 240546

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.4

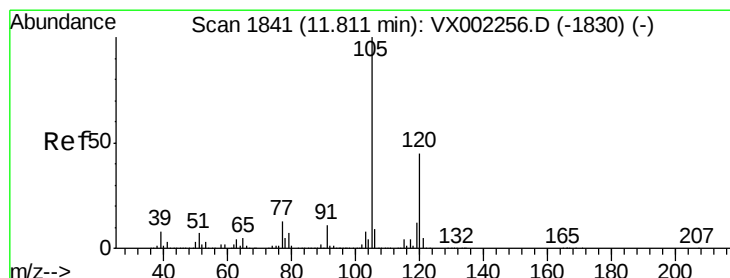
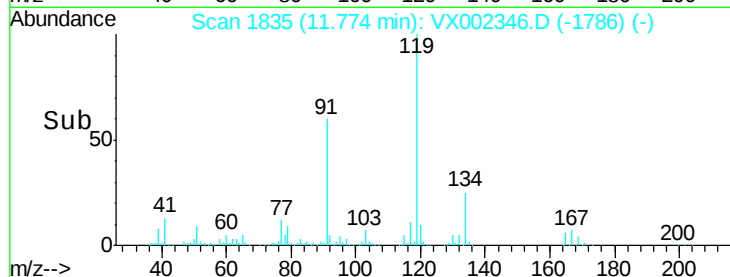
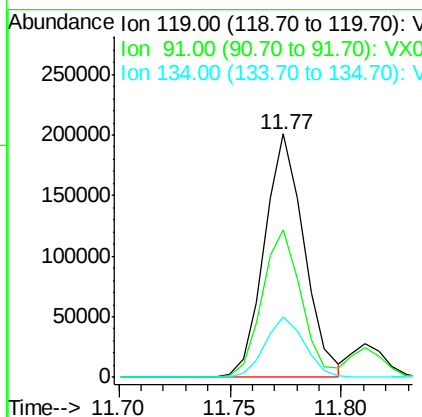
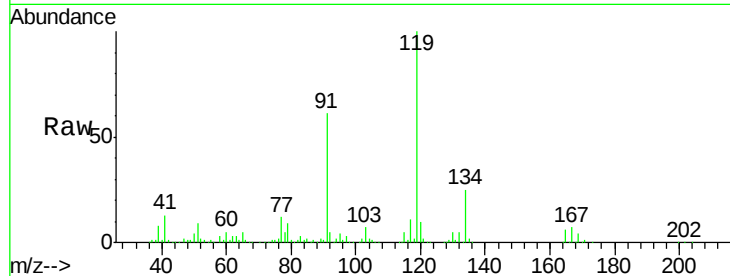




#83
 tert-Butylbenzene
 Concen: 18.38 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

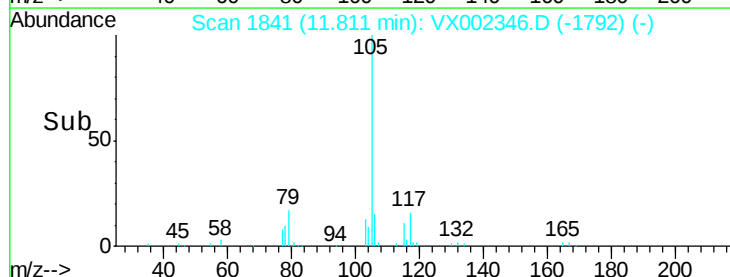
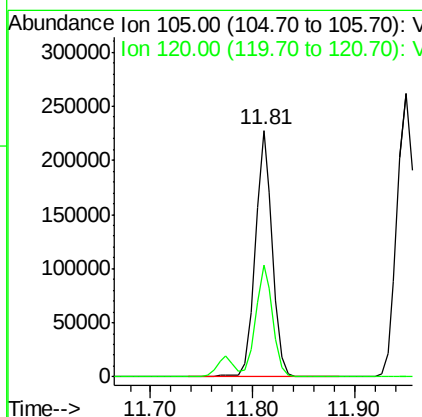
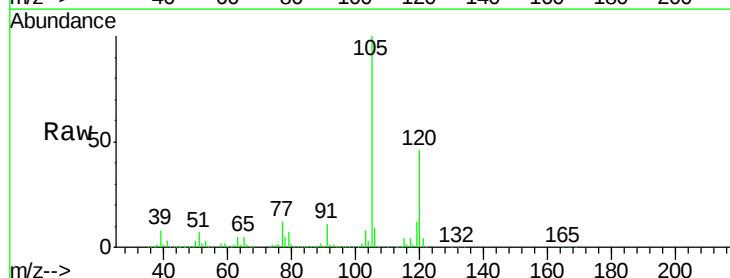
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0606WBSD01

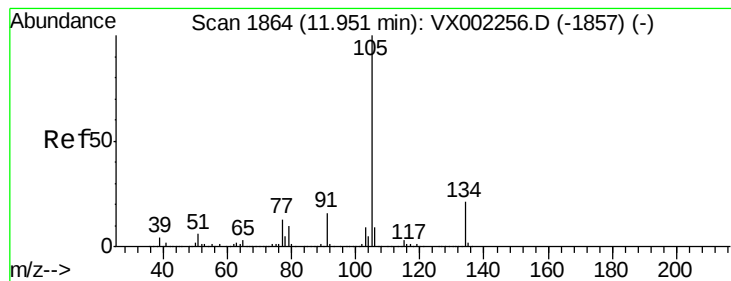
Tot Ion:119 Resp: 248918
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.3 90.9
 134 24.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.62 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Tgt Ion:105 Resp: 266532
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.83 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

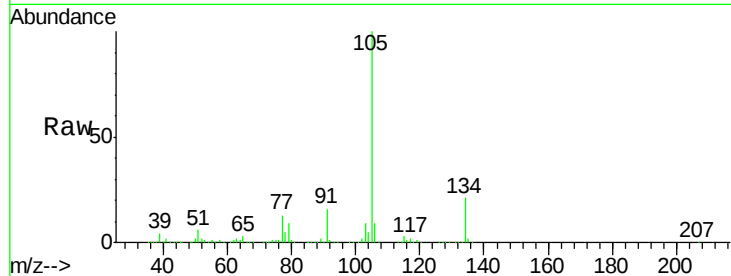
VX0606WBSD01

Tot Ion:105 Resp: 314775

Ion Ratio Lower Upper

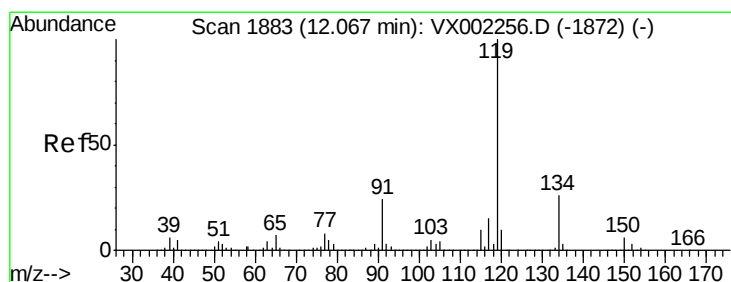
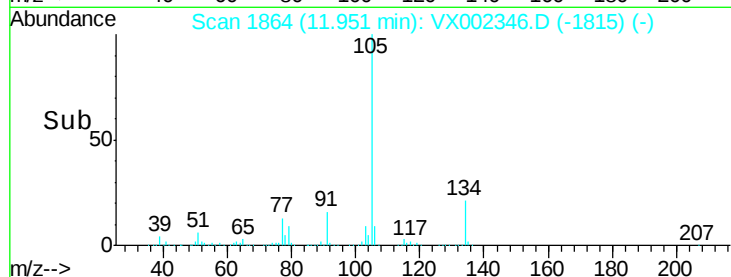
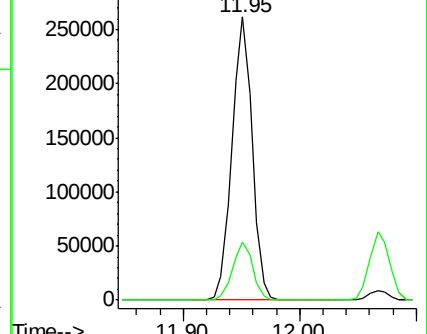
105 100

134 20.5 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: 19.54 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

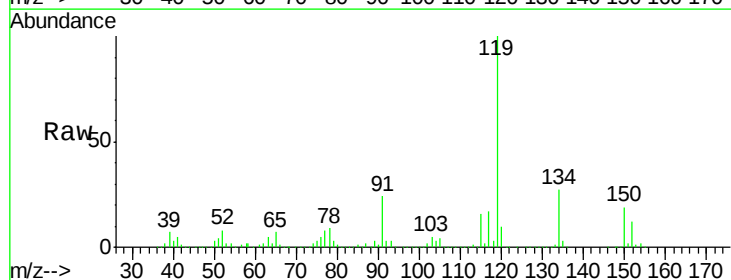
Tgt Ion:119 Resp: 282524

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

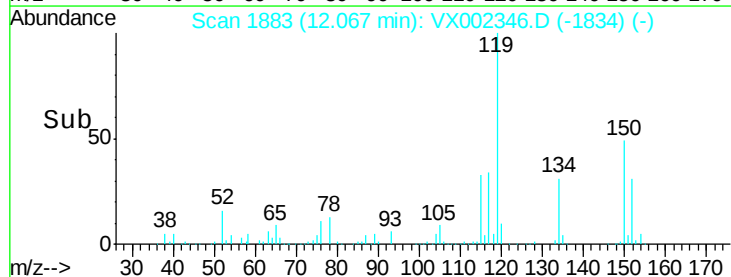
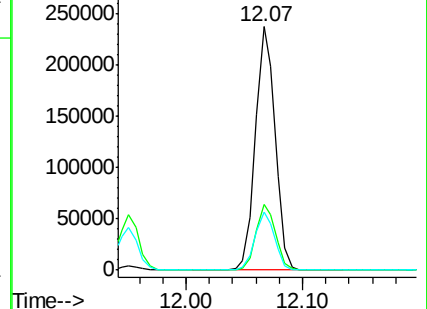
91 24.0 11.9 35.7

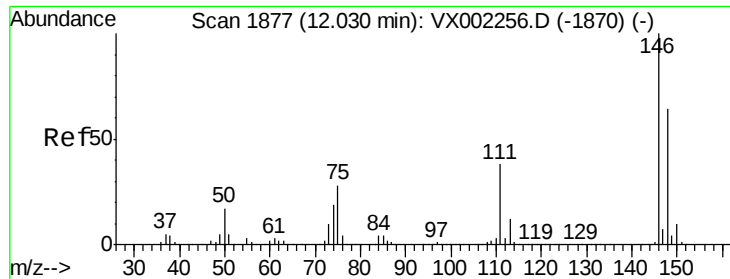


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.25 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

VX0606WBSD01

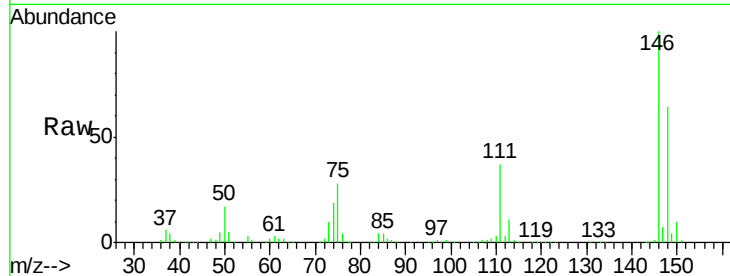
Tot Ion:146 Resp: 148558

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.7

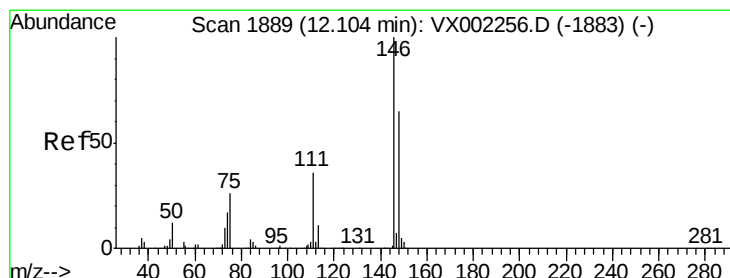
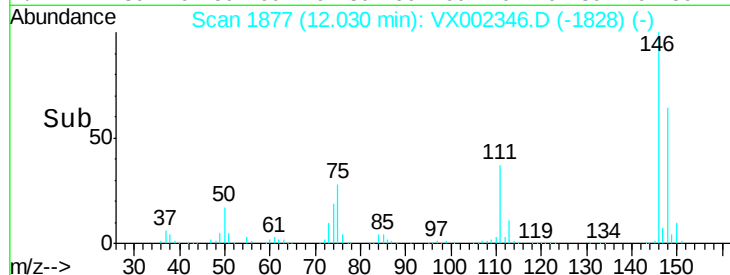
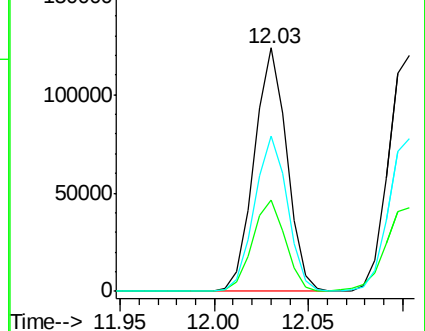
148 64.6 32.1 96.3



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: 18.11 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

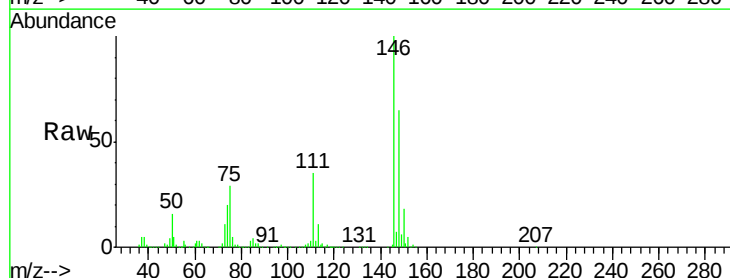
Tgt Ion:146 Resp: 151922

Ion Ratio Lower Upper

146 100

111 37.7 18.7 56.1

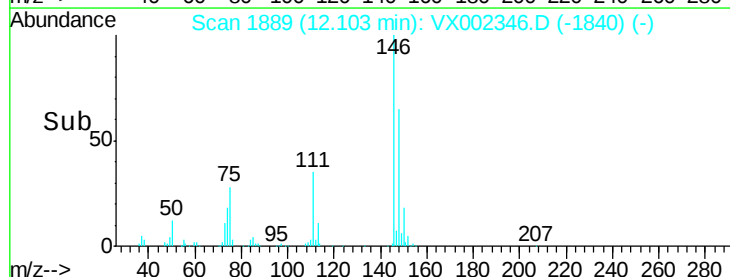
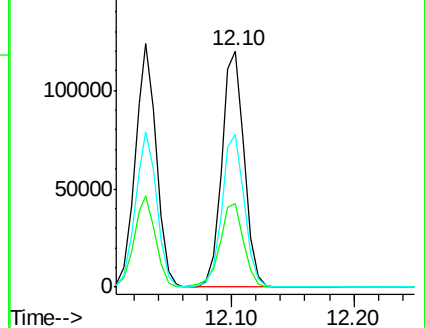
148 65.1 32.4 97.0

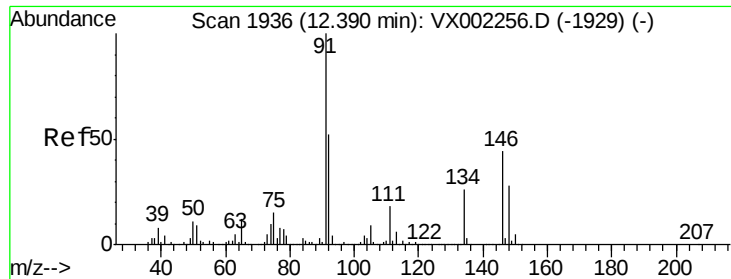


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

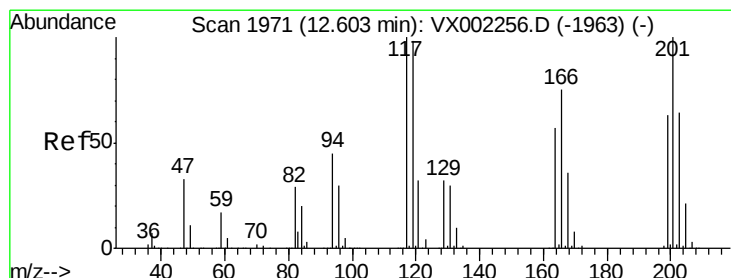
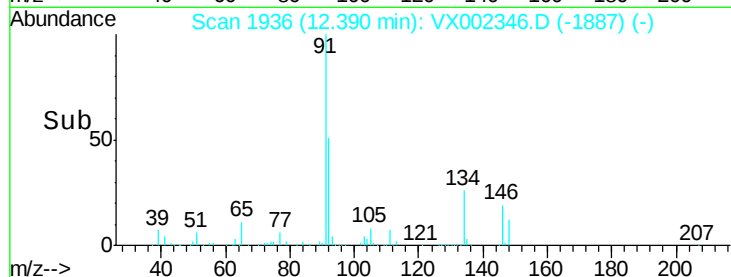
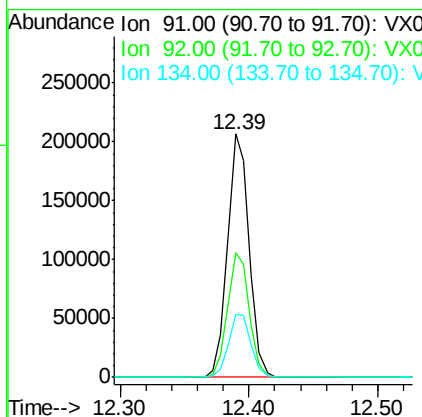
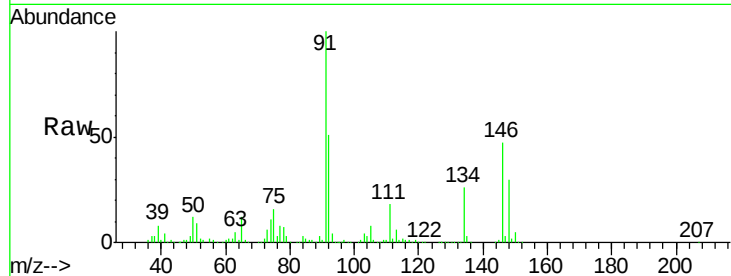




#89
n-Butylbenzene
Concen: 20.11 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

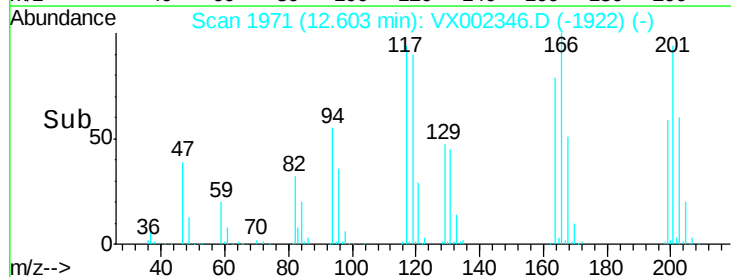
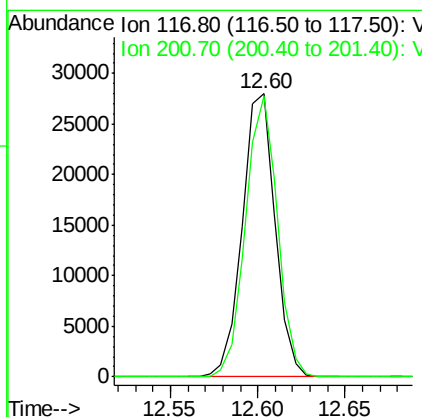
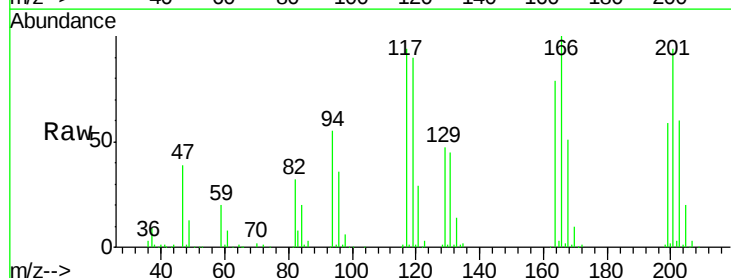
Instrument :
MSVOA_X
ClientSampled :
VX0606WBSD01

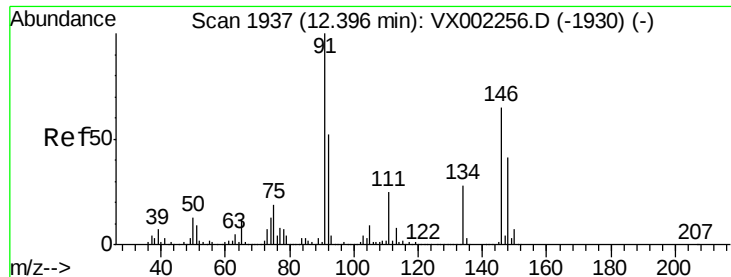
Tot Ion: 91 Resp: 243856
Ion Ratio Lower Upper
91 100
92 51.6 26.0 78.0
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 15.79 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002346.D
Acq: 06 Jun 2018 12:23

Tgt Ion: 117 Resp: 36455
Ion Ratio Lower Upper
117 100
201 95.9 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 18.23 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBSD01

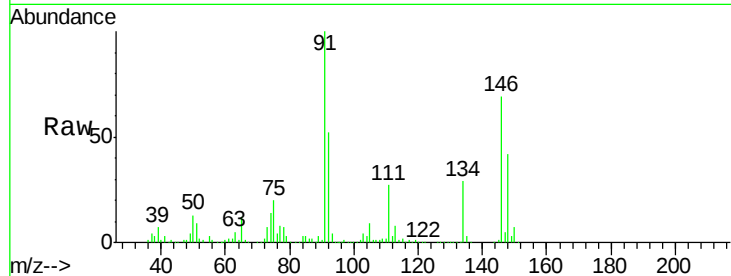
Tot Ion:146 Resp: 153504

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

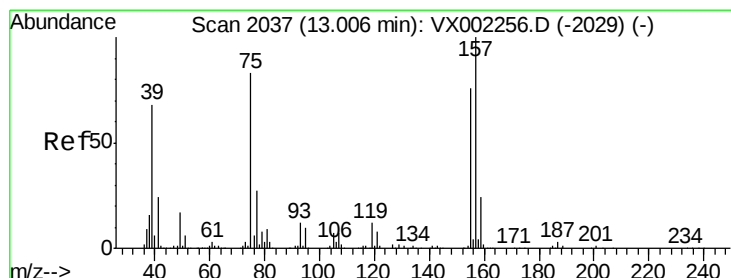
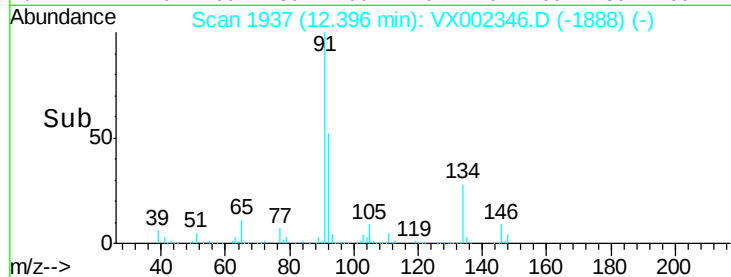
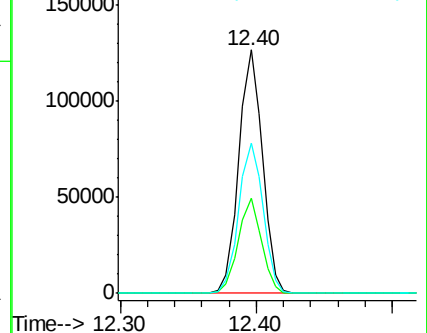
148 63.6 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.30 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

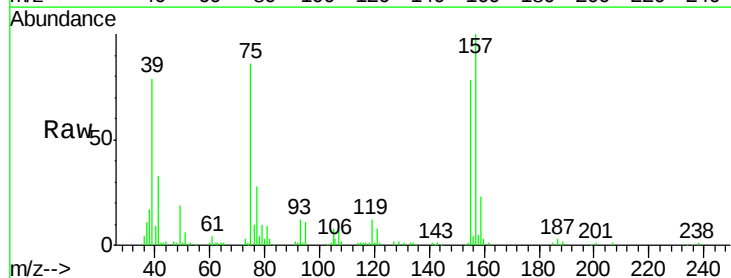
Tgt Ion: 75 Resp: 18180

Ion Ratio Lower Upper

75 100

155 89.9 45.8 137.4

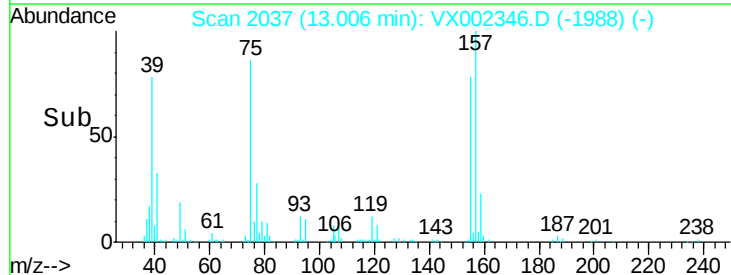
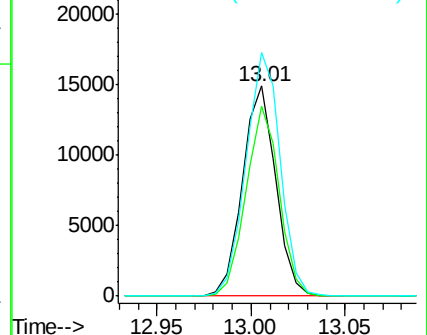
157 119.7 60.1 180.3

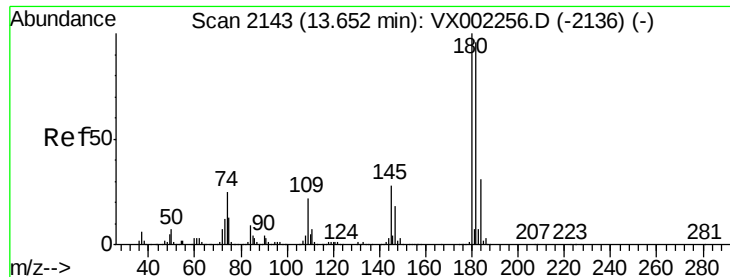


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

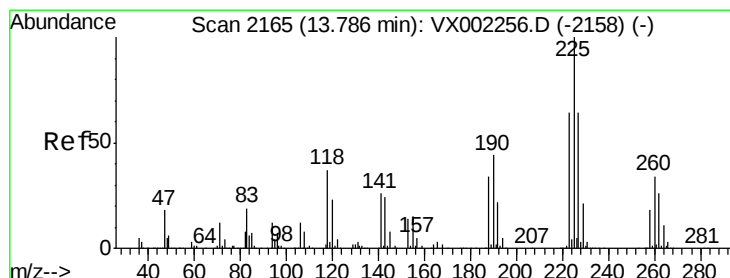
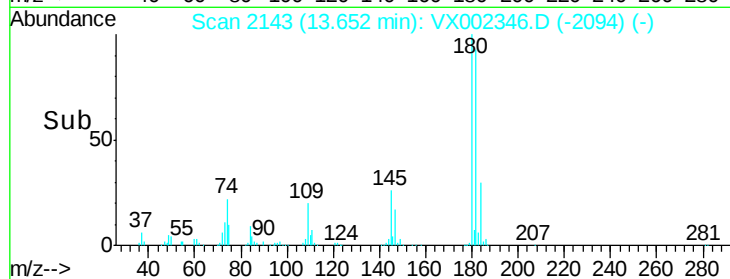
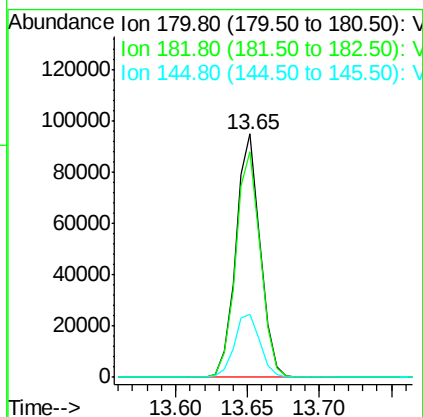
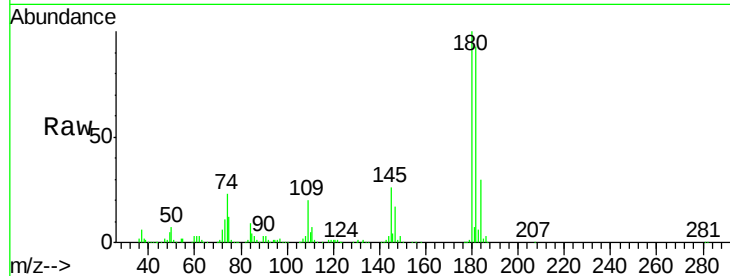




#93
 1,2,4-Trichlorobenzene
 Concen: 18.88 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

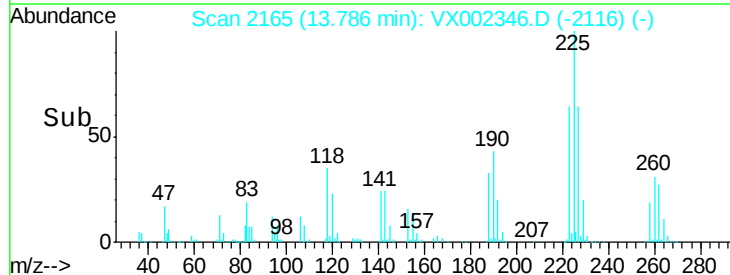
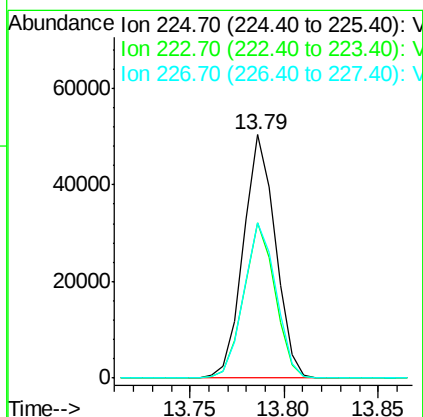
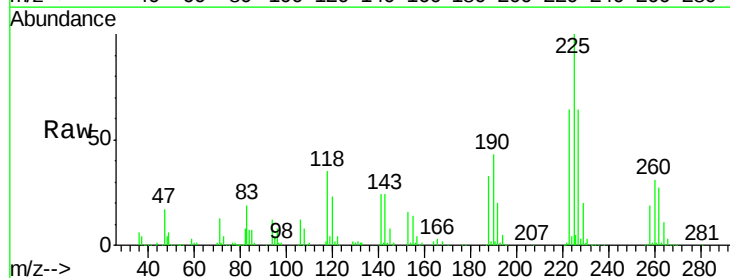
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD01

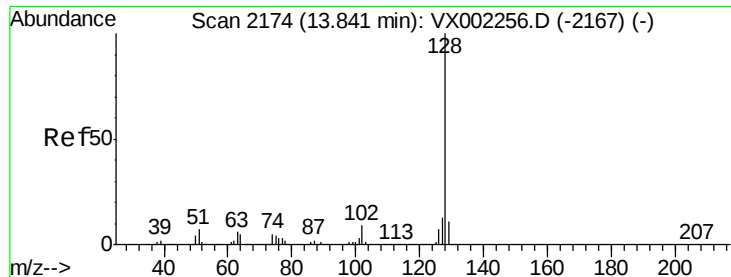
Tot Ion:180 Resp: 111476
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 20.32 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002346.D
 Acq: 06 Jun 2018 12:23

Tgt Ion:225 Resp: 59299
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 64.1 32.4 97.2





#95

Naphthalene

Concen: 18.42 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

Instrument :

MSVOA_X

ClientSampled :

VX0606WBSD01

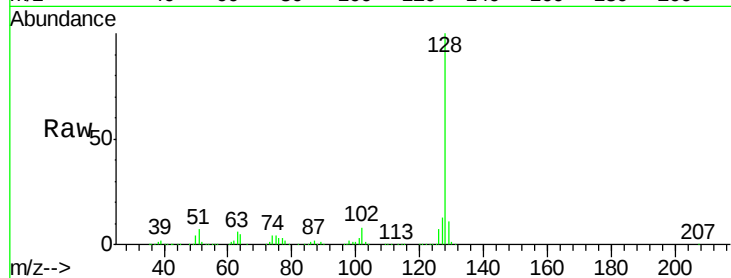
Tot Ion:128 Resp: 312431

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

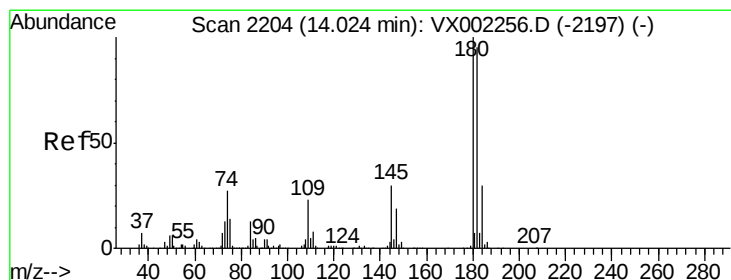
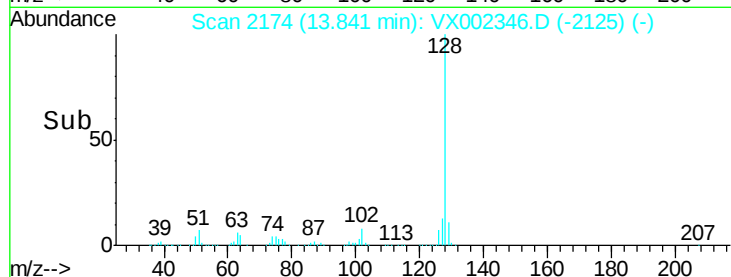
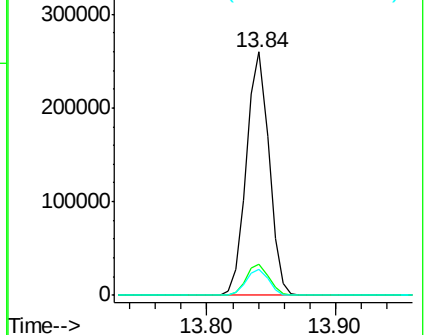
129 10.9 8.6 13.0



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: 18.82 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002346.D

Acq: 06 Jun 2018 12:23

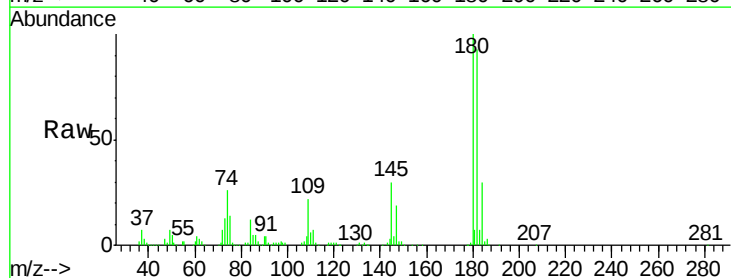
Tgt Ion:180 Resp: 113351

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.0

145 29.5 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

