

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
 Data File : VX000293.D
 Acq On : 13 Mar 2018 11:58
 Operator : JC/MD
 Sample : VX0313WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Quant Time: Mar 13 14:20:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	152070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	256742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	253414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	103043	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
35) Dibromofluoromethane	5.52	113	80546	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	8.73	98	319399	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.15	95	123684	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31998	19.31	ug/l	97
3) Chloromethane	1.32	50	33127	20.48	ug/l	100
4) Vinyl Chloride	1.40	62	39902	21.16	ug/l	99
5) Bromomethane	1.64	94	33171	16.19	ug/l	97
6) Chloroethane	1.73	64	25280	21.23	ug/l	96
7) Trichlorofluoromethane	1.93	101	68513	21.91	ug/l	94
8) Diethyl Ether	2.20	74	26005	22.65	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39630	22.69	ug/l	99
10) Methyl Iodide	2.52	142	35120	21.09	ug/l	98
11) Tert butyl alcohol	3.09	59	75077	96.93	ug/l	99
12) 1,1-Dichloroethene	2.38	96	36599	22.82	ug/l	94
13) Acrolein	2.30	56	39238	96.35	ug/l	100
14) Allyl chloride	2.73	41	62477	21.09	ug/l	99
15) Acrylonitrile	3.16	53	143997	106.82	ug/l	99
16) Acetone	2.45	43	153545	101.42	ug/l	98
17) Carbon Disulfide	2.57	76	86468	19.68	ug/l	99
18) Methyl Acetate	2.79	43	69486	21.55	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	131271	22.98	ug/l	97
20) Methylene Chloride	2.87	84	40389	22.37	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	38900	22.05	ug/l	98
22) Diisopropyl ether	3.89	45	97184	19.10	ug/l	98
23) Vinyl Acetate	3.84	43	458257	93.46	ug/l	99
24) 1,1-Dichloroethane	3.70	63	69119	22.16	ug/l	99
25) 2-Butanone	4.73	43	186364	99.75	ug/l	99
26) 2,2-Dichloropropane	4.59	77	49768	21.83	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	36341	21.73	ug/l	98
28) Bromochloromethane	5.04	49	29187	22.02	ug/l	98
29) Tetrahydrofuran	5.19	42	115774	98.66	ug/l	100
30) Chloroform	5.23	83	64816	21.49	ug/l	98
31) Cyclohexane	5.58	56	47708	20.68	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	57124	21.85	ug/l	99
36) 1,1-Dichloropropene	5.81	75	47677	20.87	ug/l	99
37) Ethyl Acetate	4.88	43	64452	19.52	ug/l	100
38) Carbon Tetrachloride	5.79	117	48105	20.81	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	54634	19.49	ug/l	93
40) Benzene	6.15	78	137398	20.85	ug/l	95
41) Methacrylonitrile	5.09	41	33917	20.15	ug/l	98
42) 1,2-Dichloroethane	6.21	62	55174	21.35	ug/l	98
43) Isopropyl Acetate	6.48	43	96695	20.26	ug/l	99
44) Trichloroethene	7.23	130	39494	20.94	ug/l	98
45) 1,2-Dichloropropane	7.53	63	35222	21.11	ug/l	98
46) Dibromomethane	7.67	93	27243	20.63	ug/l	95
47) Bromodichloromethane	7.91	83	48692	20.97	ug/l	98
48) Methyl methacrylate	7.79	41	46052	19.59	ug/l	99
49) 1,4-Dioxane	7.77	88	21878	409.91	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	358011	99.37	ug/l	100
52) Toluene	8.79	92	93273	20.66	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	56727	20.73	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	55140	20.83	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	39228	21.45	ug/l	99
56) Ethyl methacrylate	9.20	69	58596	21.41	ug/l	98
57) 1,3-Dichloropropane	9.38	76	64425	20.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	139145	100.69	ug/l	100
59) 2-Hexanone	9.51	43	300071	97.68	ug/l	99
60) Dibromochloromethane	9.59	129	39674	20.57	ug/l	99
61) 1,2-Dibromoethane	9.68	107	42453	20.90	ug/l	98
64) Tetrachloroethene	9.34	164	39485	22.27	ug/l	97
65) Chlorobenzene	10.15	112	112020	21.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	38443	21.97	ug/l	98
67) Ethyl Benzene	10.26	91	186531	20.88	ug/l	100
68) m/p-Xylenes	10.37	106	145268	42.26	ug/l	98
69) o-Xylene	10.71	106	70439	21.32	ug/l	98
70) Styrene	10.72	104	116625	21.28	ug/l	98
71) Bromoform	10.87	173	30284	19.02	ug/l #	99
73) Isopropylbenzene	11.02	105	194634	21.27	ug/l	99
74) N-amyl acetate	6.48	43	96695	20.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67120	20.93	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	78698	26.86	ug/l	83
77) Bromobenzene	11.26	156	49968	21.12	ug/l	98
78) n-propylbenzene	11.37	91	224488	20.85	ug/l	99
79) 2-Chlorotoluene	11.43	91	128843	21.21	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164152	21.49	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	17581	18.38	ug/l	96
82) 4-Chlorotoluene	11.52	91	160743	21.76	ug/l	98
83) tert-Butylbenzene	11.78	119	163809	22.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	171009	21.77	ug/l	100
85) sec-Butylbenzene	11.96	105	201944	21.48	ug/l	99
86) p-Isopropyltoluene	12.07	119	180495	21.77	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	94600	21.03	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	101377	21.51	ug/l	98
89) n-Butylbenzene	12.40	91	168065	21.05	ug/l	100
90) Hexachloroethane	12.60	117	26538	19.87	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	96407	21.65	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18471	20.51	ug/l	96

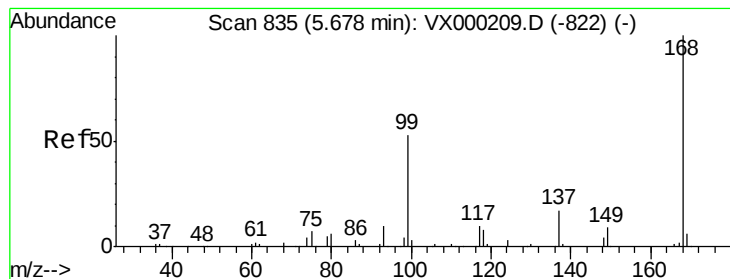
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031318\
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Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	69427	21.43	ug/l	99
94) Hexachlorobutadiene	13.79	225	26931	19.98	ug/l	97
95) Naphthalene	13.84	128	243860	21.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	68813	21.47	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

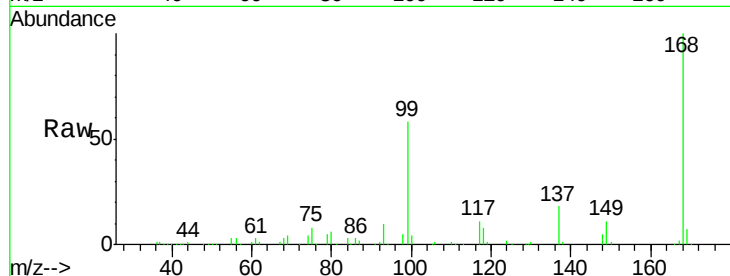
VX0313WBSD01

Tot Ion:168 Resp: 152070

Ion Ratio Lower Upper

168 100

99 58.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

60000

50000

40000

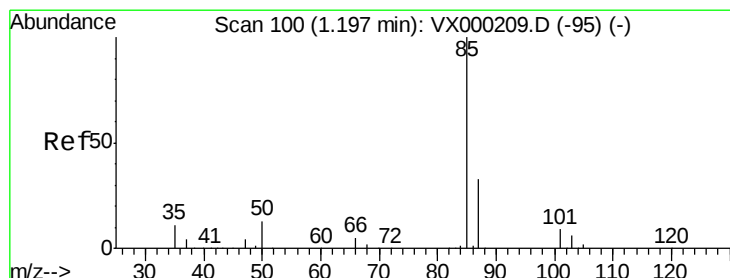
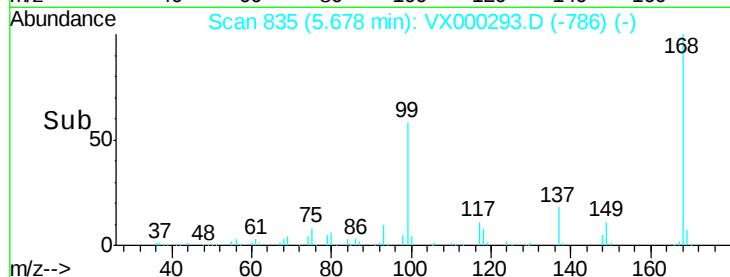
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000293.D

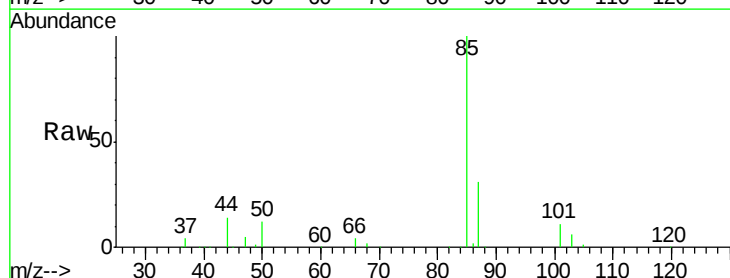
Acq: 13 Mar 2018 11:58

Tgt Ion: 85 Resp: 31998

Ion Ratio Lower Upper

85 100

87 31.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

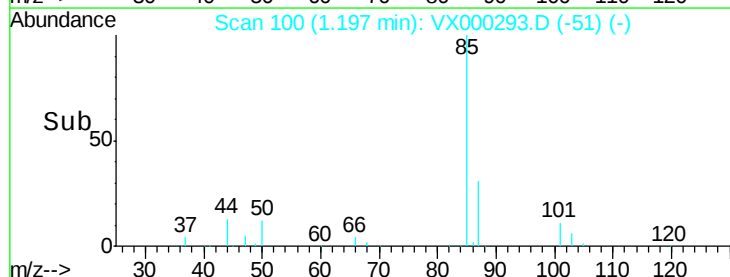
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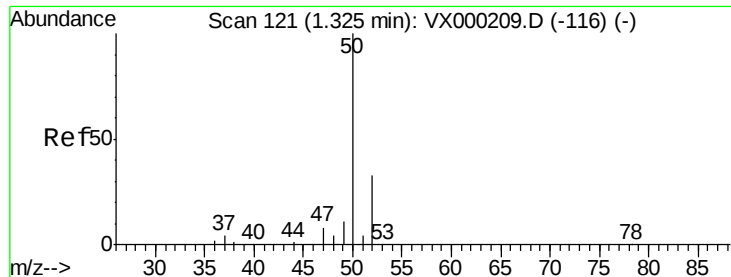
20000

10000

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Time-->





#3

Chloromethane

Concen: 20.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

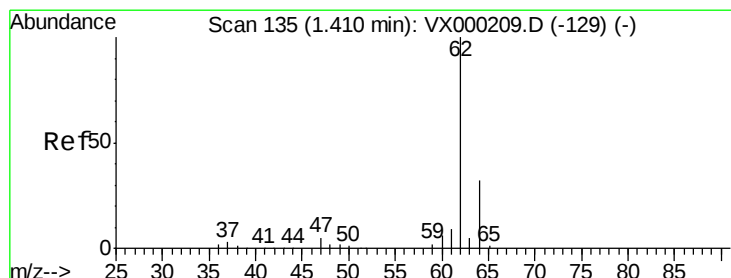
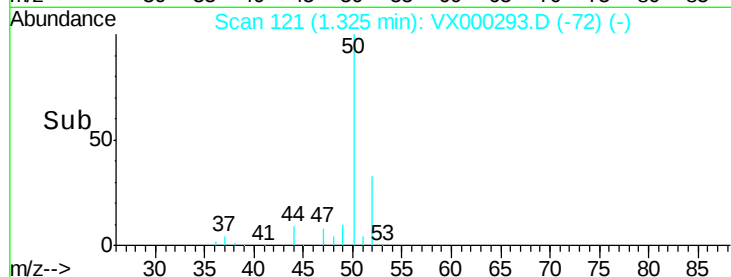
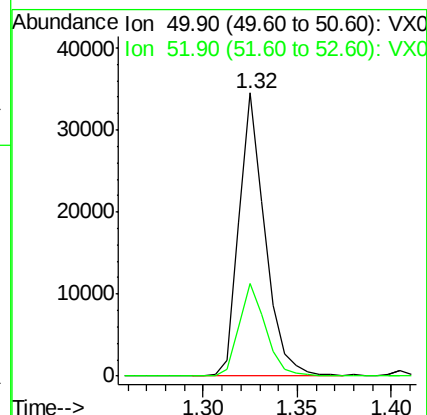
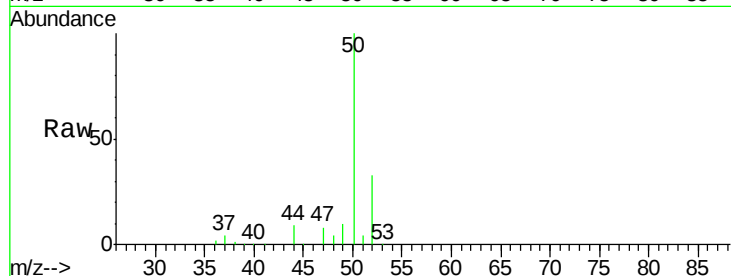
VX0313WBSD01

Tot Ion: 50 Resp: 33127

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 21.16 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000293.D

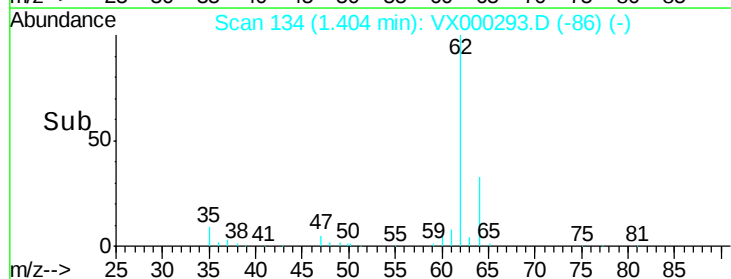
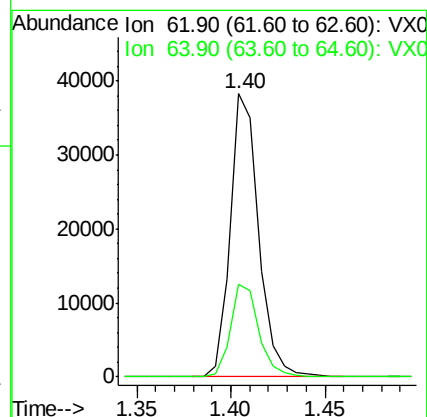
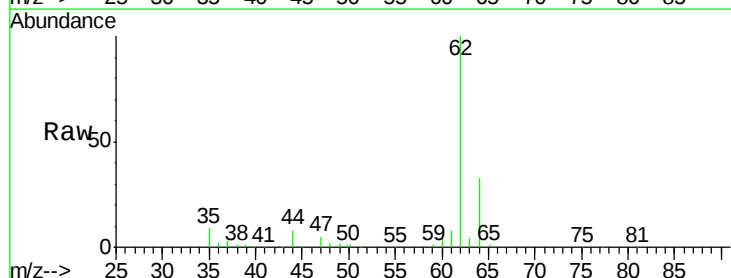
Acq: 13 Mar 2018 11:58

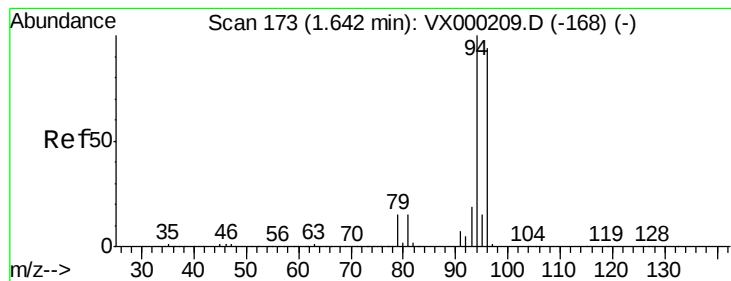
Tgt Ion: 62 Resp: 39902

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 16.19 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

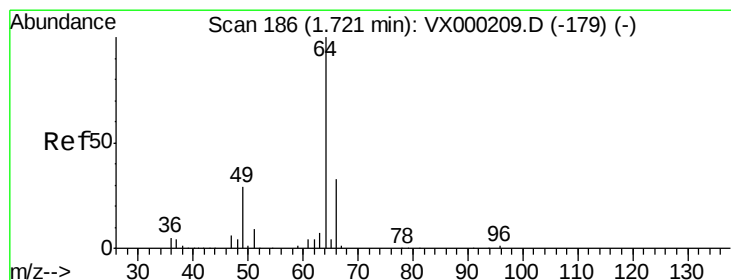
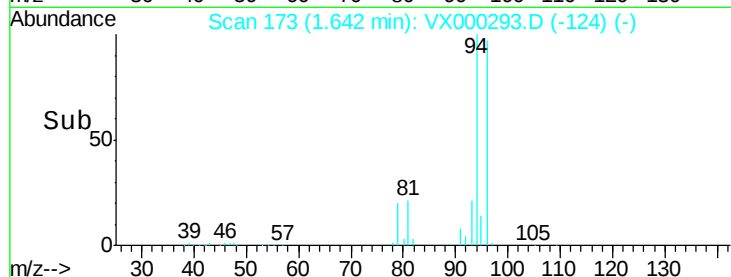
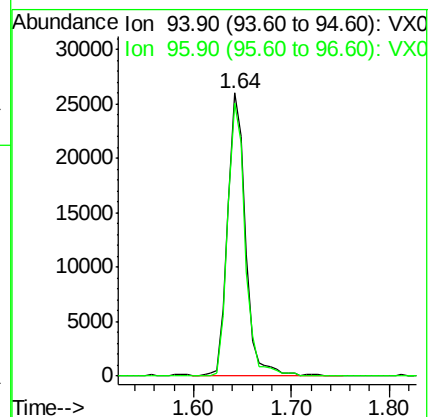
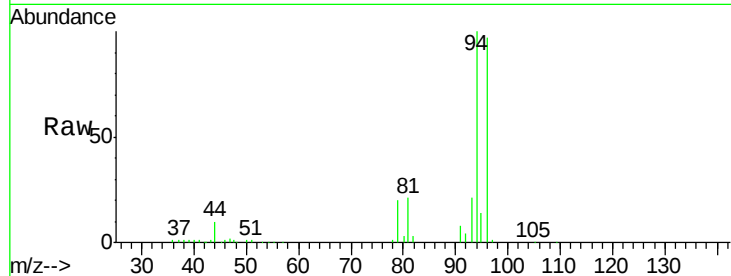
VX0313WBSD01

Tot Ion: 94 Resp: 33171

Ion Ratio Lower Upper

94 100

96 96.6 75.3 112.9



#6

Chloroethane

Concen: 21.23 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000293.D

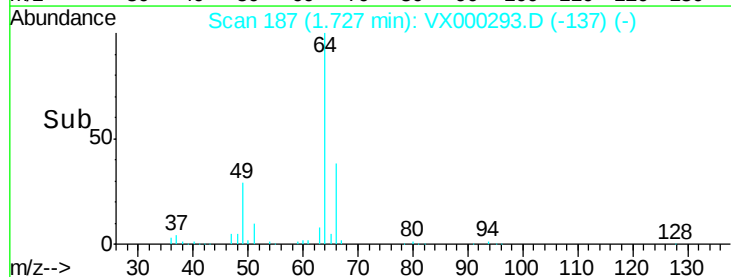
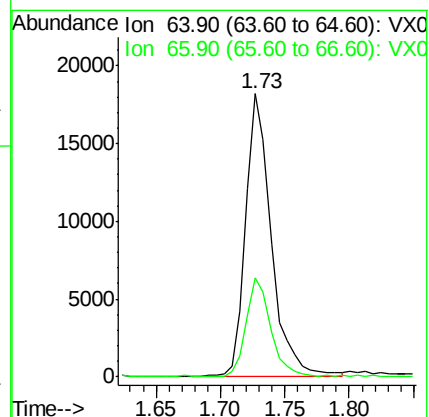
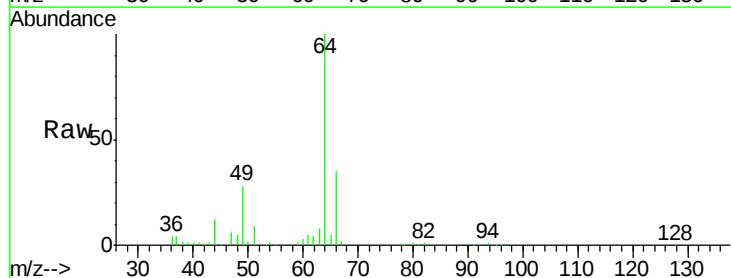
Acq: 13 Mar 2018 11:58

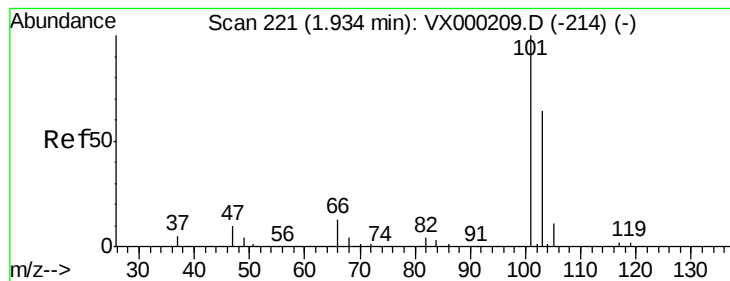
Tgt Ion: 64 Resp: 25280

Ion Ratio Lower Upper

64 100

66 35.0 26.2 39.4



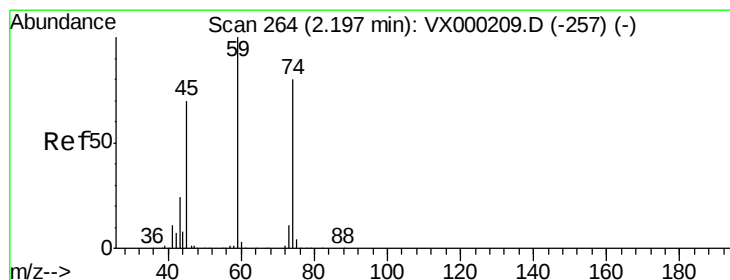
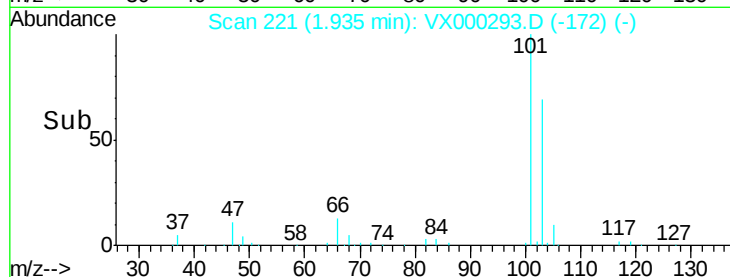
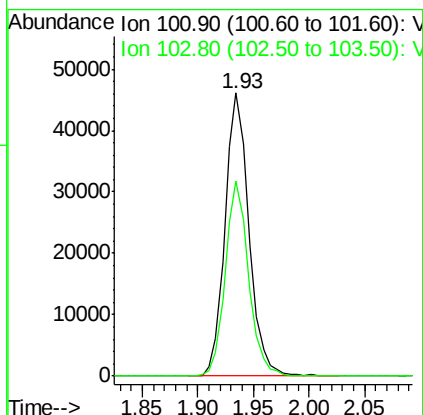
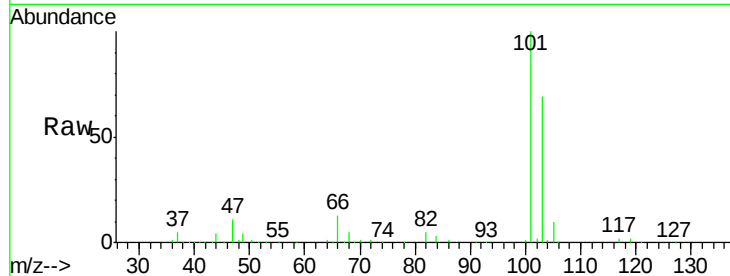


#7

Trichlorofluoromethane
 Concen: 21.91 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
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 VX0313WBSD01

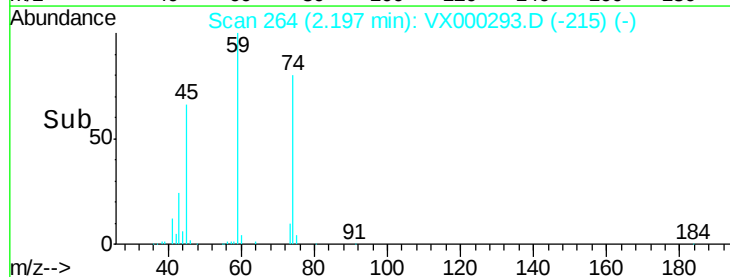
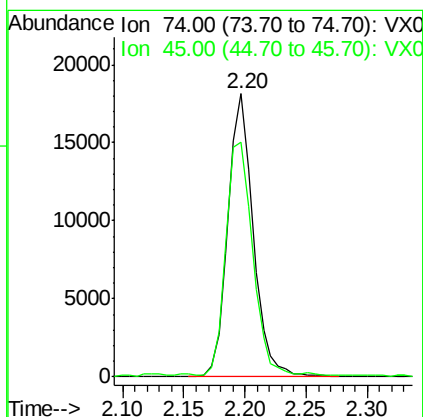
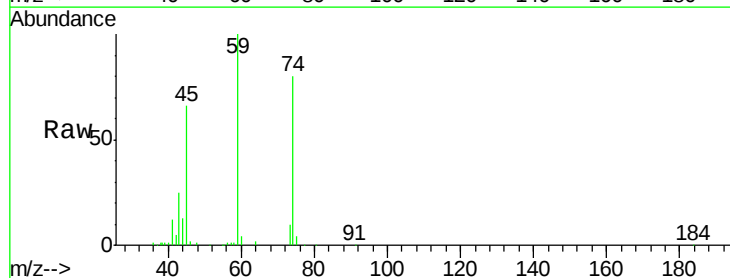
Tot Ion:101 Resp: 68513
 Ion Ratio Lower Upper
 101 100
 103 68.7 51.2 76.8

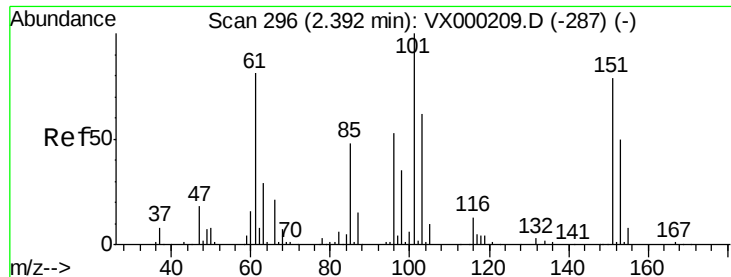


#8

Diethyl Ether
 Concen: 22.65 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion: 74 Resp: 26005
 Ion Ratio Lower Upper
 74 100
 45 86.5 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.69 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

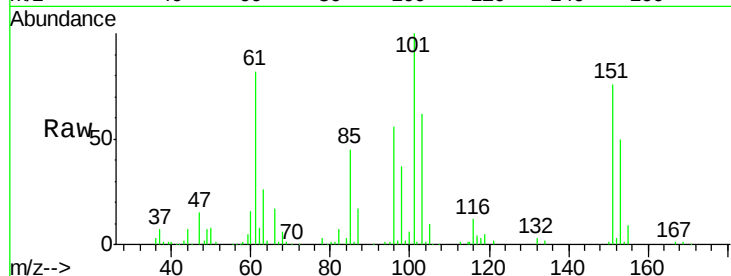
Tot Ion:101 Resp: 39630

Ion Ratio Lower Upper

101 100

85 46.2 38.3 57.5

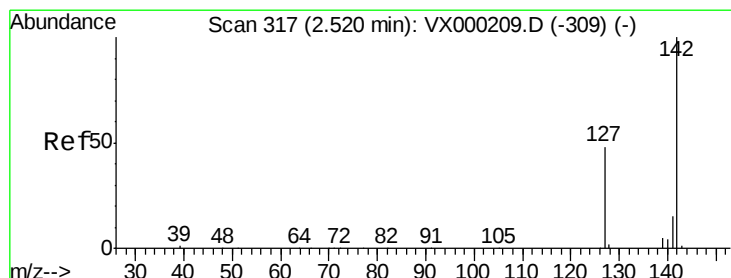
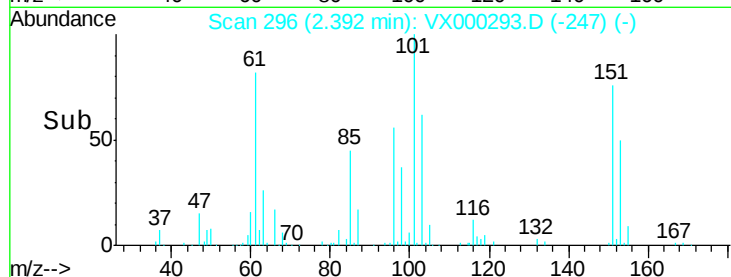
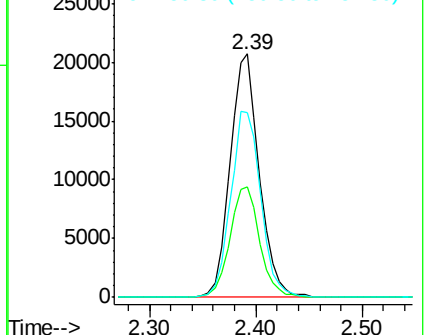
151 79.2 62.8 94.2



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: 21.09 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

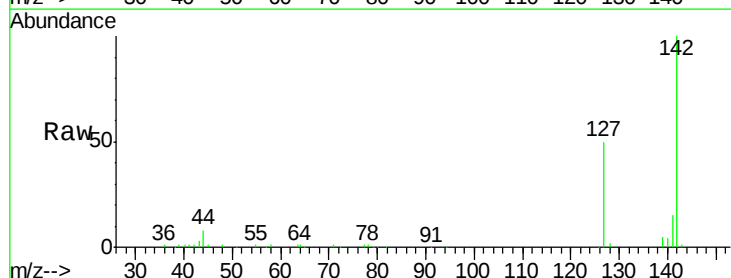
Tgt Ion:142 Resp: 35120

Ion Ratio Lower Upper

142 100

127 49.7 39.0 58.6

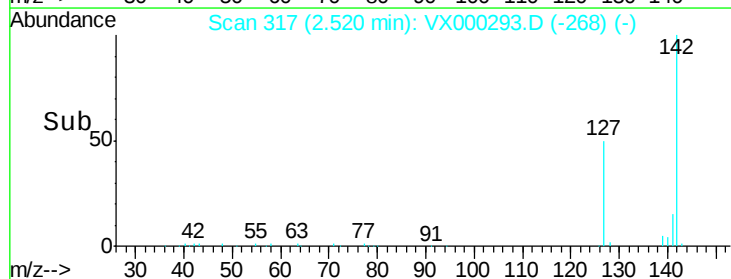
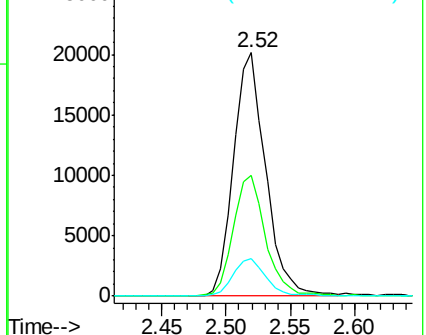
141 15.7 11.6 17.4

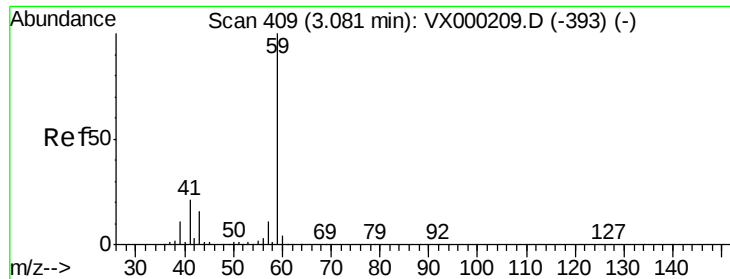


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



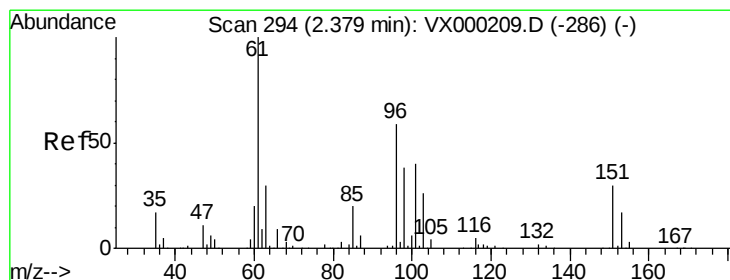
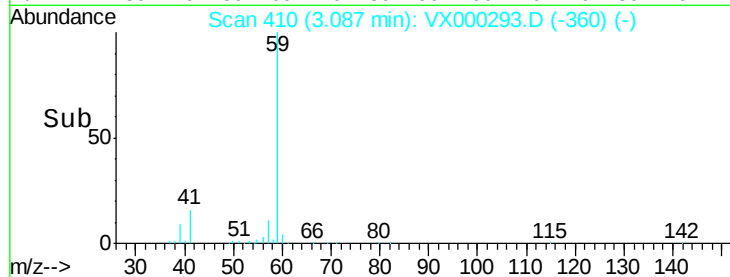
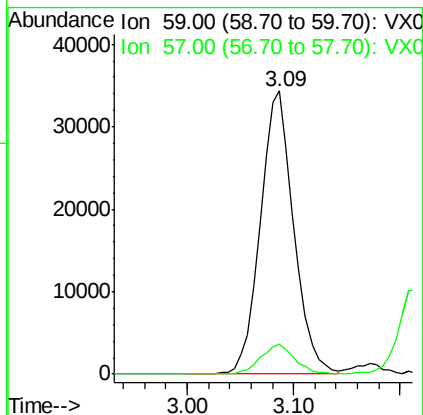
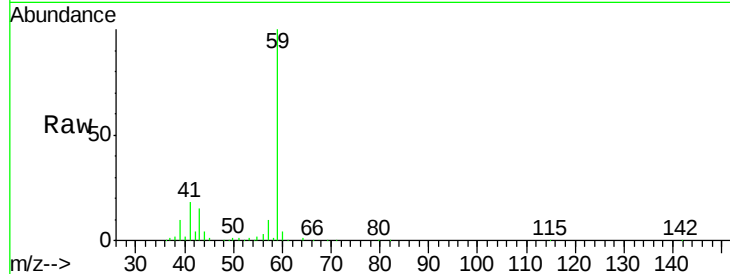


#11

Tert butyl alcohol
 Concen: 96.93 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

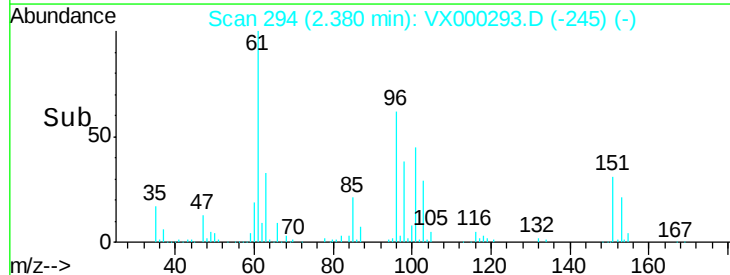
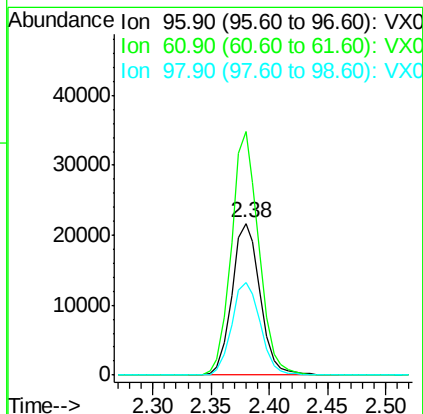
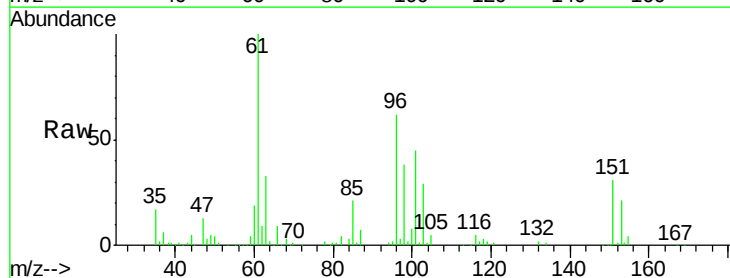
Tot Ion: 59 Resp: 75077
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

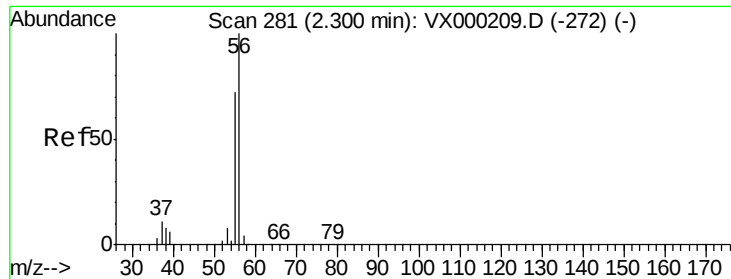


#12

1,1-Dichloroethene
 Concen: 22.82 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion: 96 Resp: 36599
 Ion Ratio Lower Upper
 96 100
 61 160.4 135.8 203.6
 98 61.3 51.1 76.7





#13

Acrolein

Concen: 96.35 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

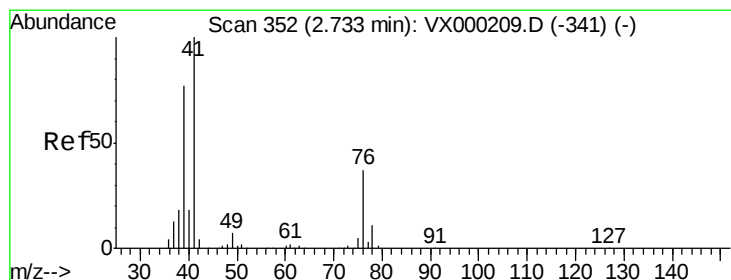
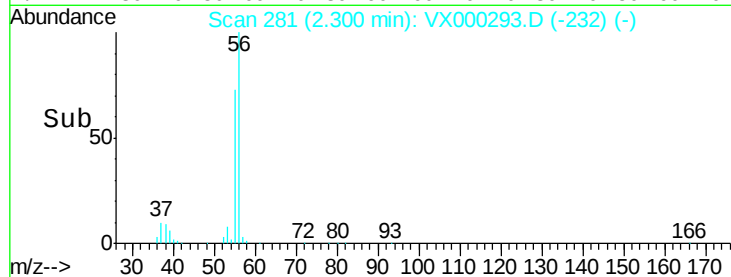
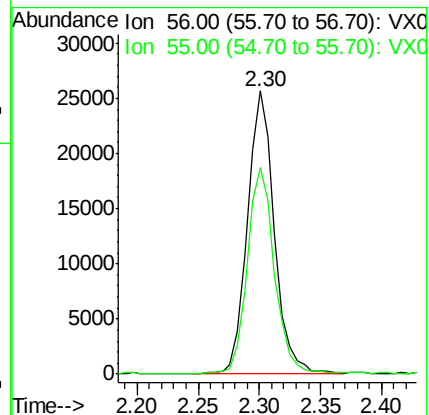
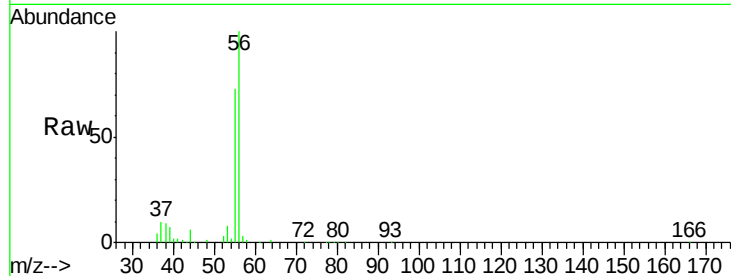
VX0313WBSD01

Tot Ion: 56 Resp: 39238

Ion Ratio Lower Upper

56 100

55 73.9 59.2 88.8



#14

Allyl chloride

Concen: 21.09 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

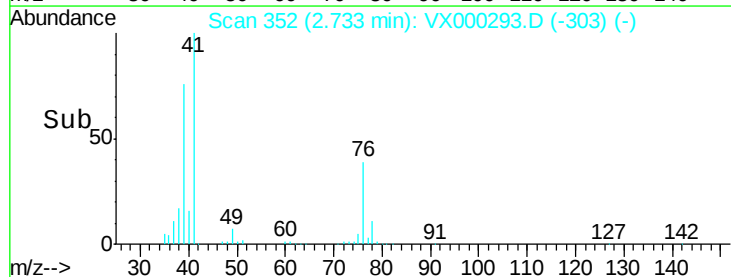
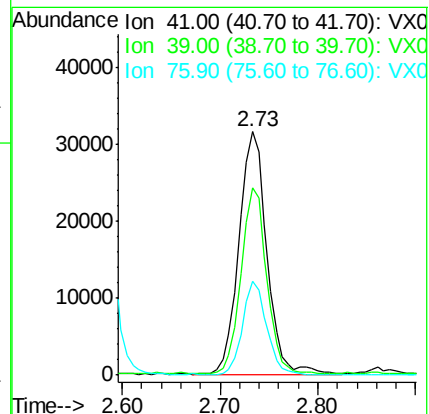
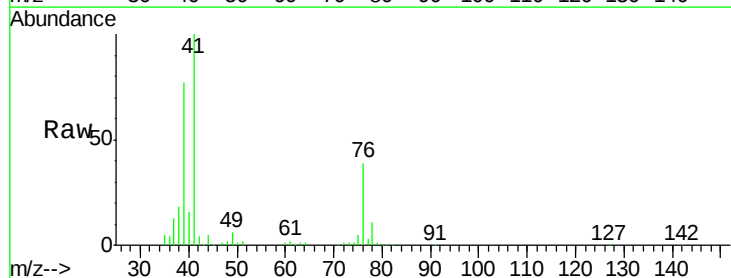
Tgt Ion: 41 Resp: 62477

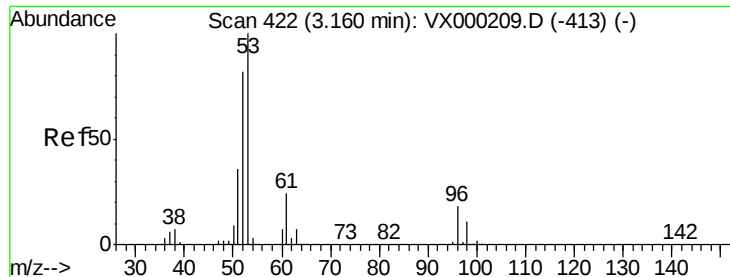
Ion Ratio Lower Upper

41 100

39 70.9 57.0 85.6

76 33.9 26.8 40.2





#15

Acrylonitrile

Concen: 106.82 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

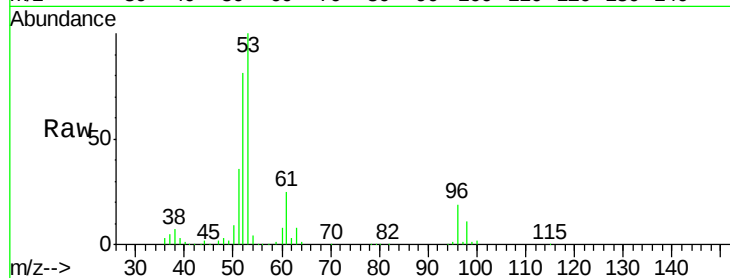
Tot Ion: 53 Resp: 143997

Ion Ratio Lower Upper

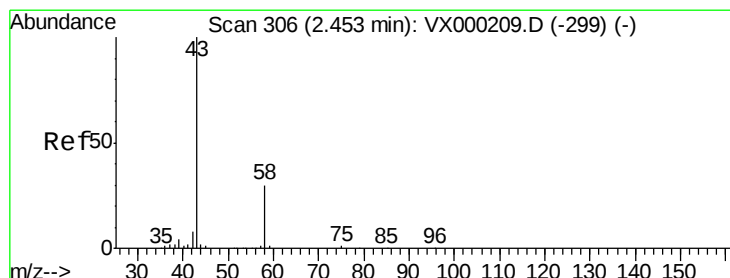
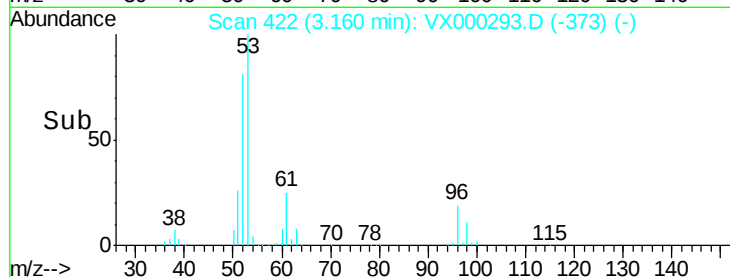
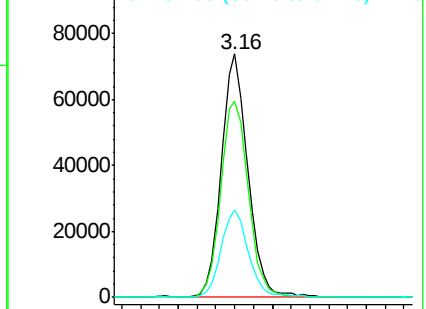
53 100

52 84.6 66.3 99.5

51 37.2 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 101.42 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000293.D

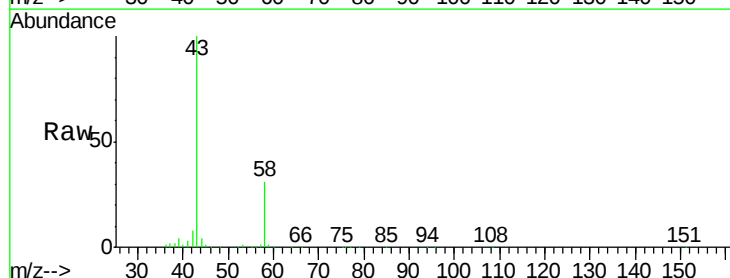
Acq: 13 Mar 2018 11:58

Tgt Ion: 43 Resp: 153545

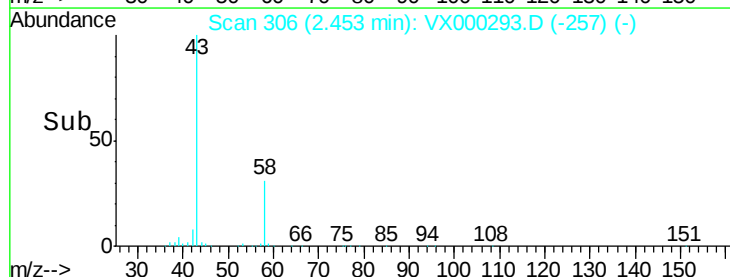
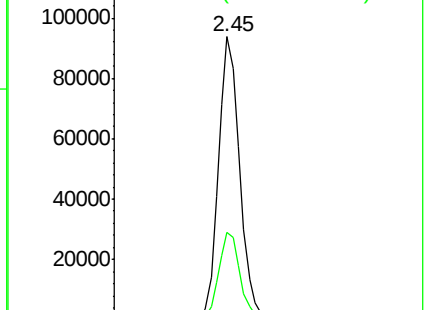
Ion Ratio Lower Upper

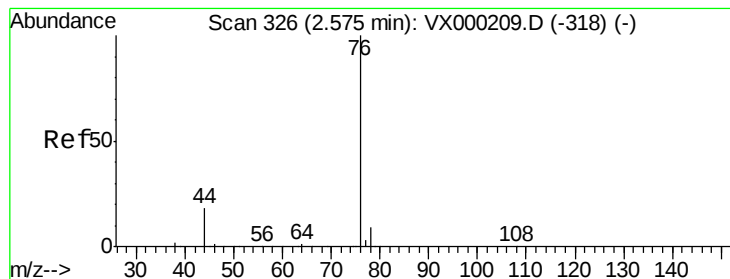
43 100

58 30.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.68 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

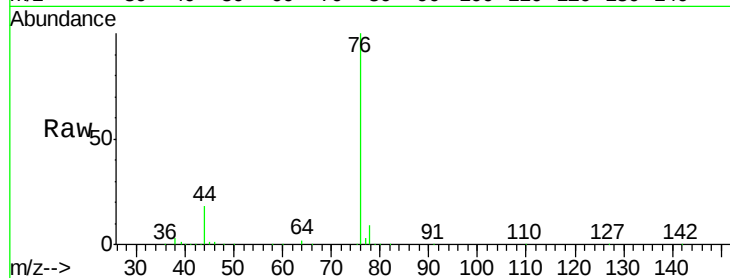
VX0313WBSD01

Tot Ion: 76 Resp: 86468

Ion Ratio Lower Upper

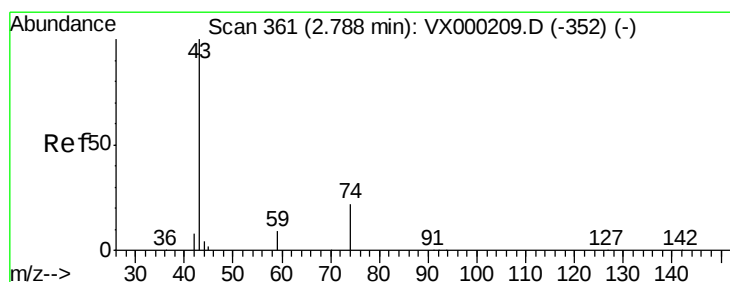
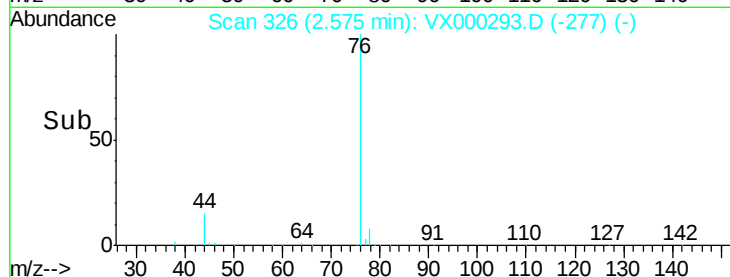
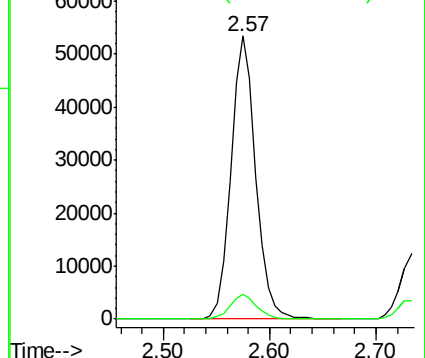
76 100

78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.55 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.00 min

Lab File: VX000293.D

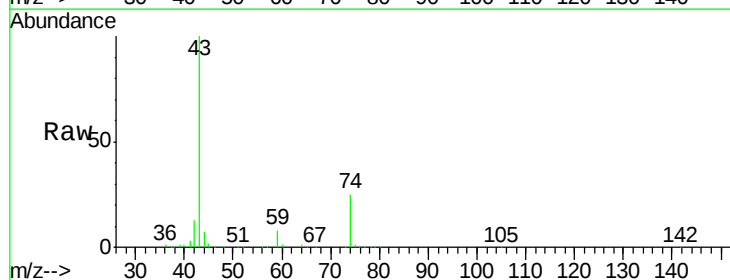
Acq: 13 Mar 2018 11:58

Tgt Ion: 43 Resp: 69486

Ion Ratio Lower Upper

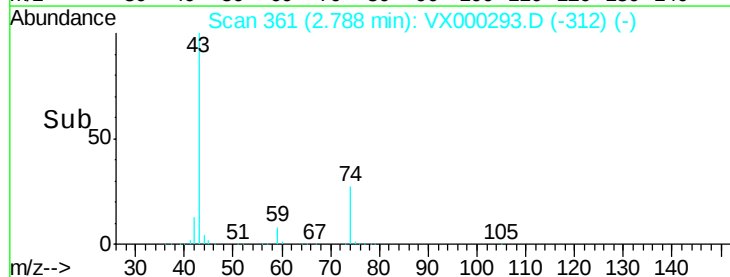
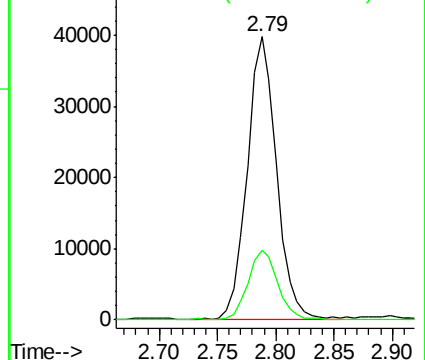
43 100

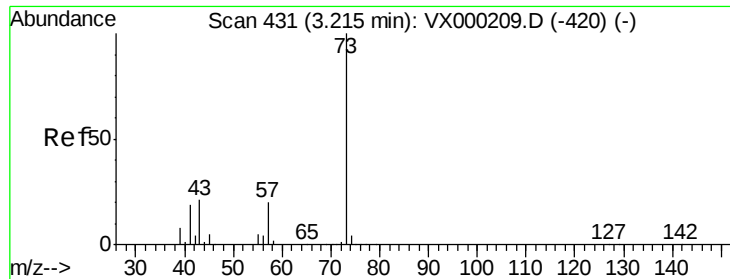
74 25.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

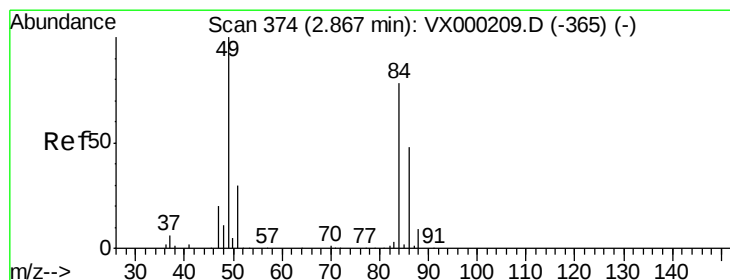
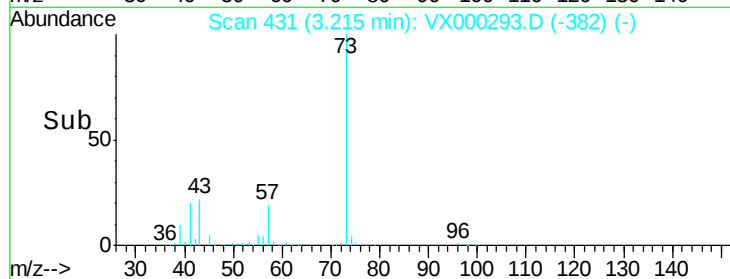
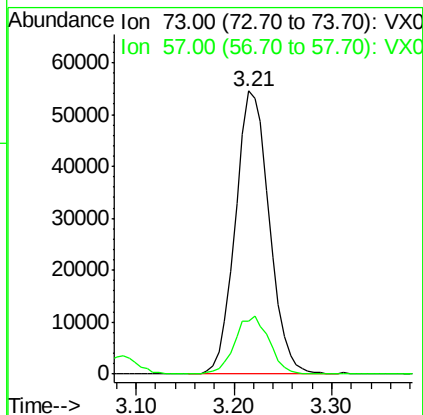
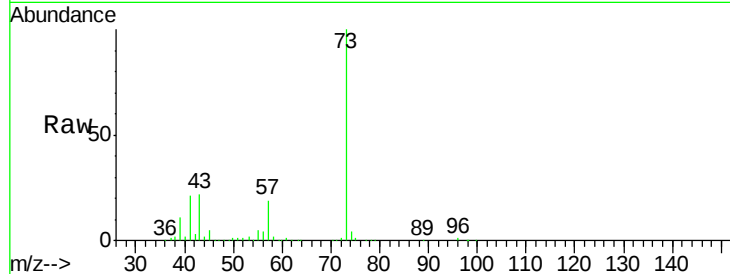




#19
Methvl tert-butvl Ether
Concen: 22.98 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

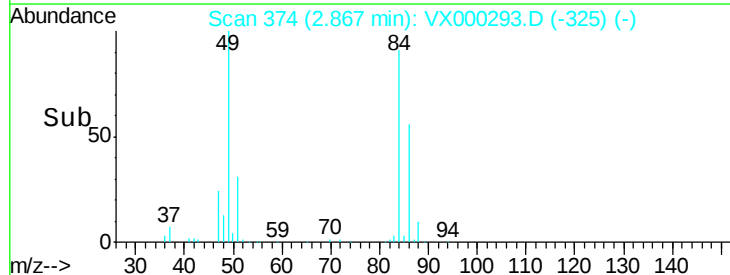
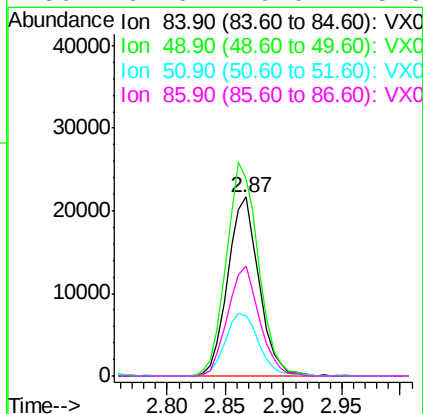
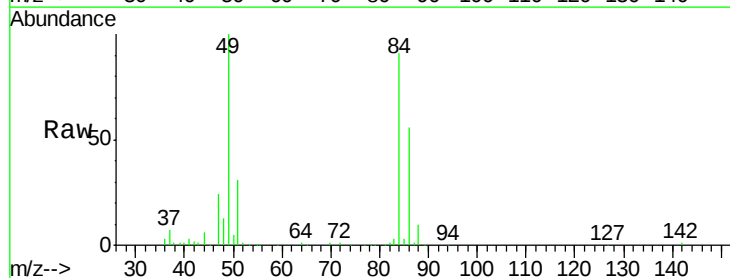
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

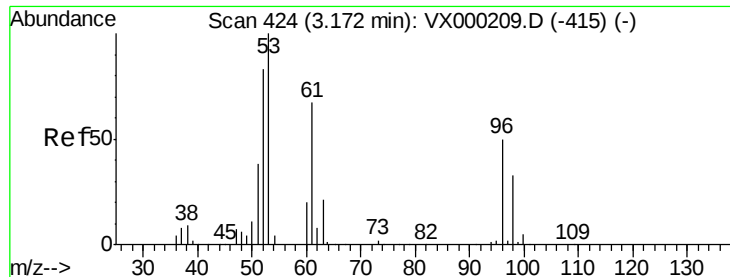
Tot Ion: 73 Resp: 131271
Ion Ratio Lower Upper
73 100
57 18.9 16.3 24.5



#20
Methylene Chloride
Concen: 22.37 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion: 84 Resp: 40389
Ion Ratio Lower Upper
84 100
49 109.9 102.1 153.1
51 33.6 30.6 45.8
86 61.6 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 22.05 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

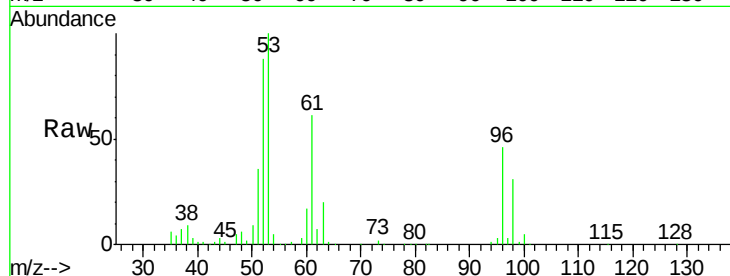
Tot Ion: 96 Resp: 38900

Ion Ratio Lower Upper

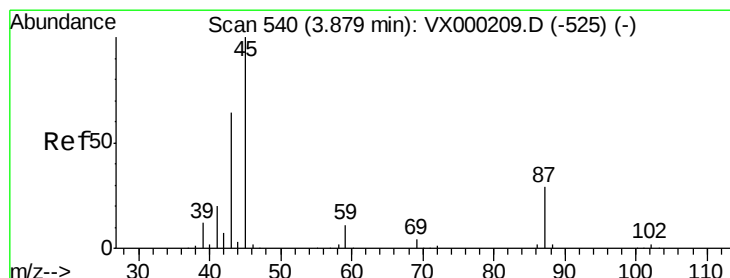
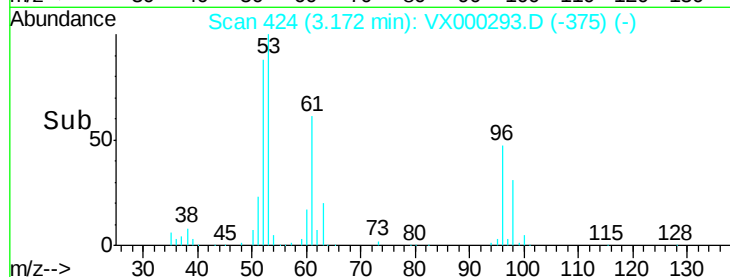
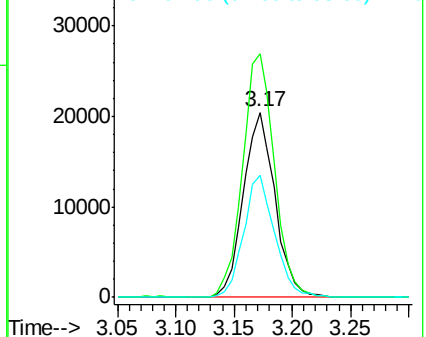
96 100

61 131.4 107.0 160.4

98 65.7 51.8 77.8



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: 19.10 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion: 45 Resp: 97184

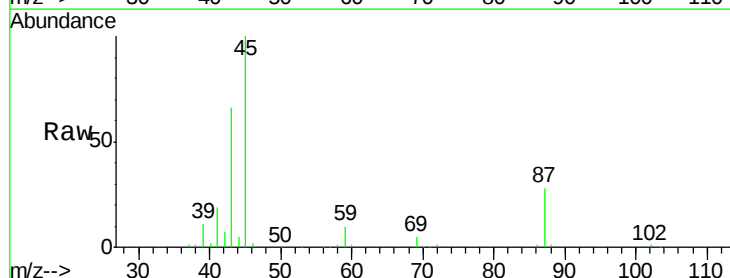
Ion Ratio Lower Upper

45 100

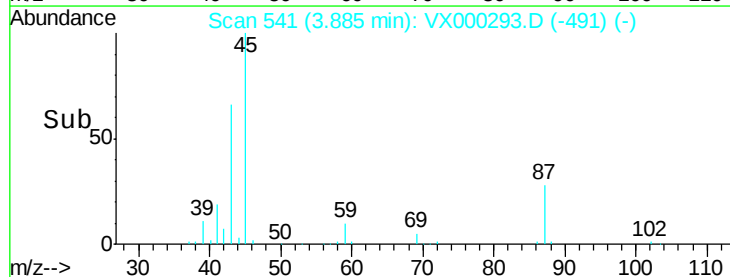
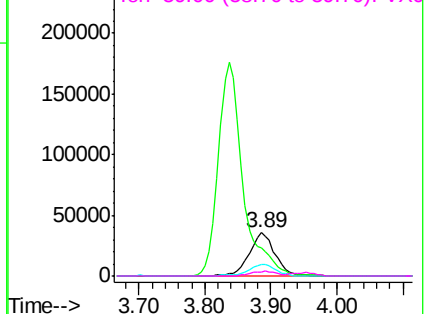
43 65.9 53.5 80.3

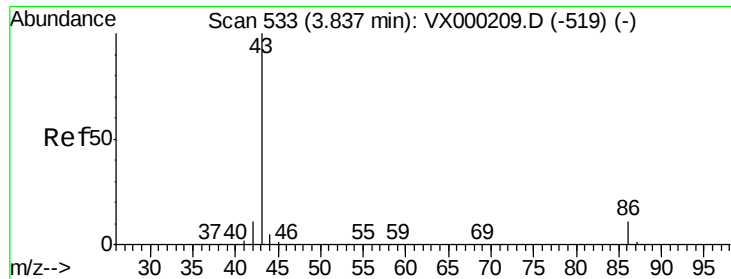
87 28.2 23.3 34.9

59 10.1 9.0 13.6



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: 93.46 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

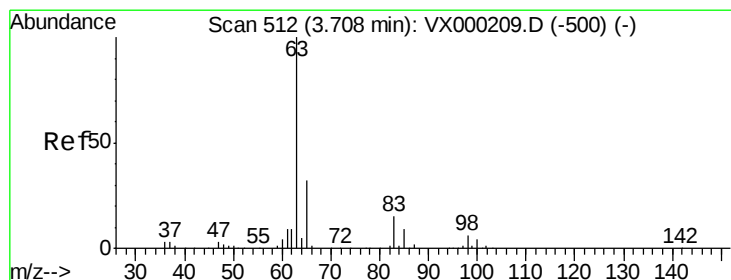
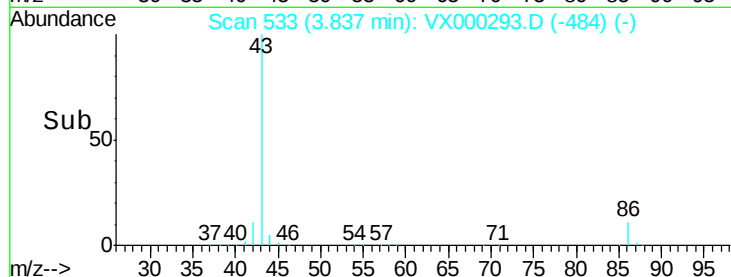
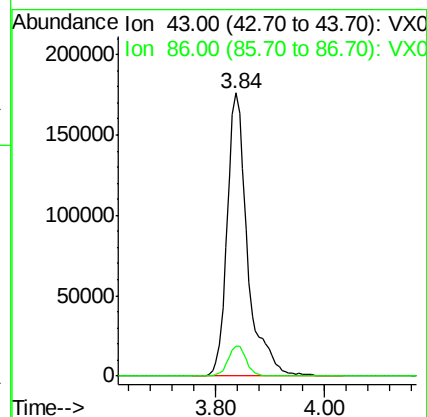
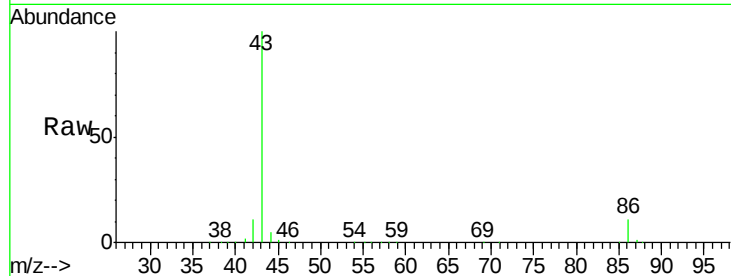
VX0313WBSD01

Tot Ion: 43 Resp: 458257

Ion Ratio Lower Upper

43 100

86 10.8 8.5 12.7



#24

1,1-Dichloroethane

Concen: 22.16 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

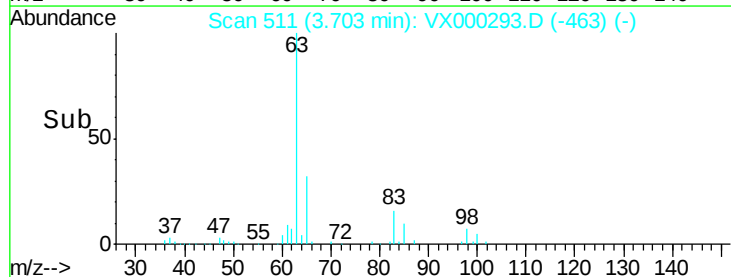
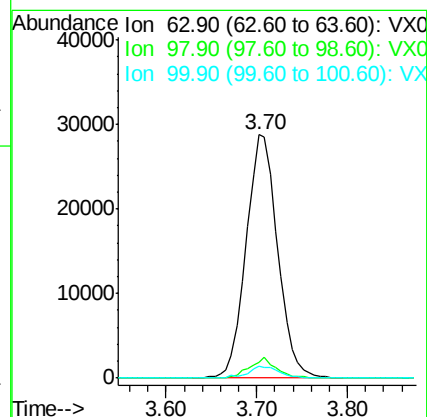
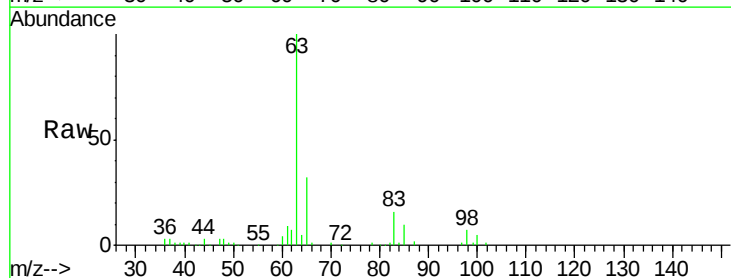
Tgt Ion: 63 Resp: 69119

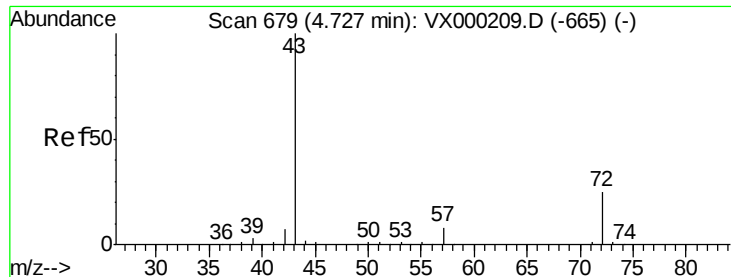
Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 99.75 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

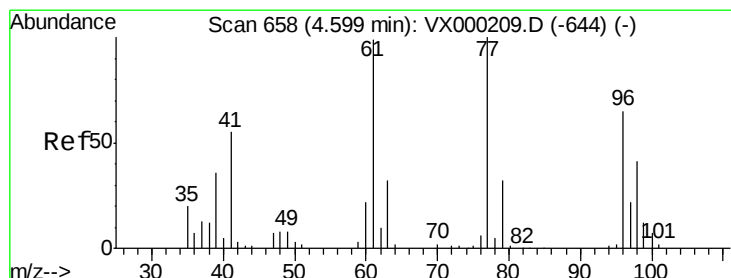
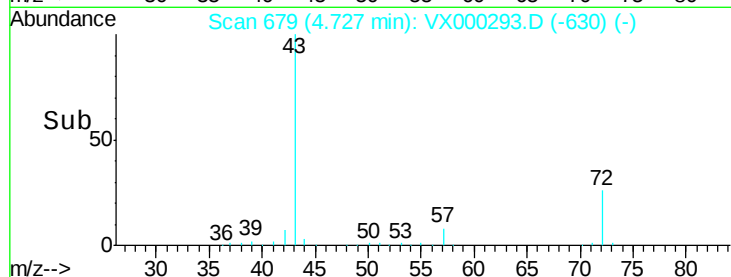
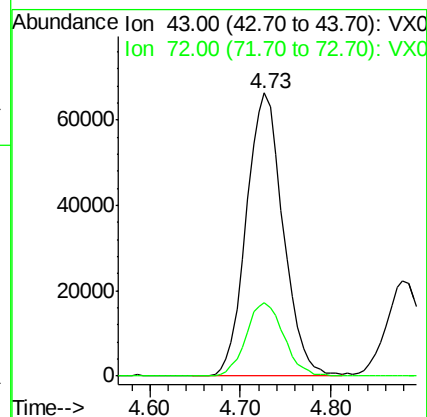
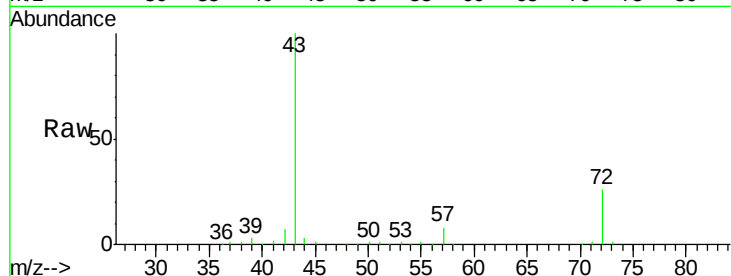
VX0313WBSD01

Tot Ion: 43 Resp: 186364

Ion Ratio Lower Upper

43 100

72 25.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 21.83 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000293.D

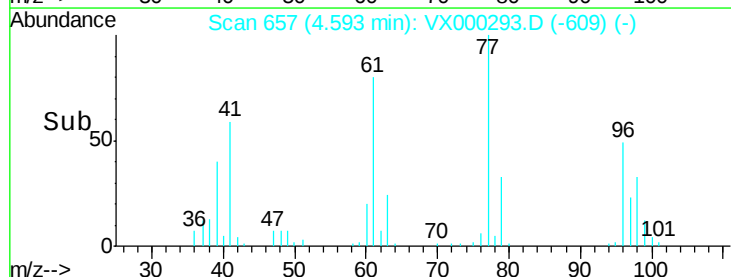
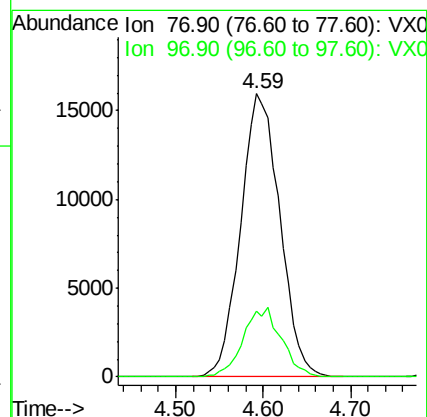
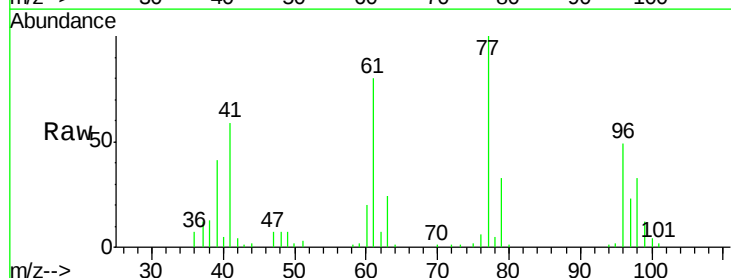
Acq: 13 Mar 2018 11:58

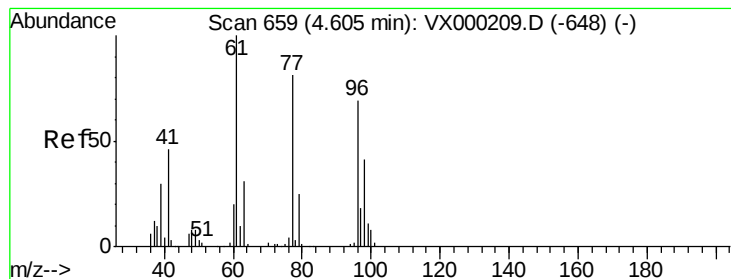
Tgt Ion: 77 Resp: 49768

Ion Ratio Lower Upper

77 100

97 23.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.73 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

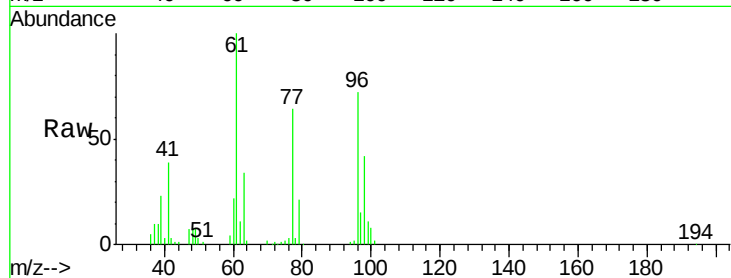
Tot Ion: 96 Resp: 36341

Ion Ratio Lower Upper

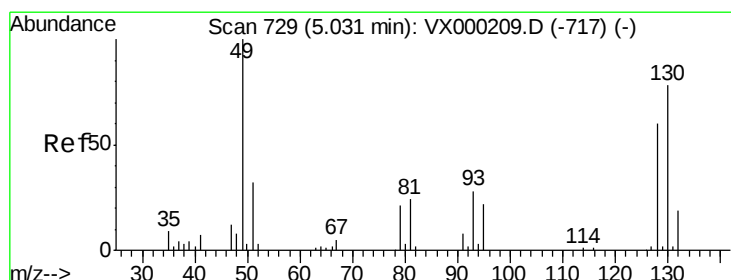
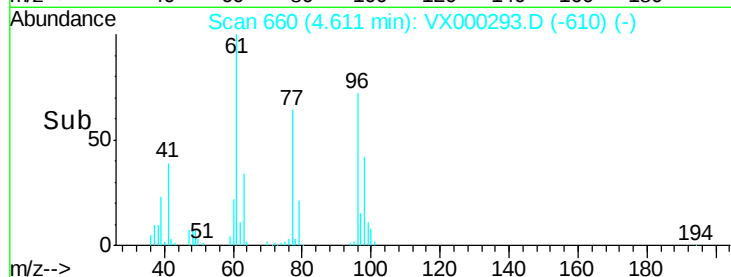
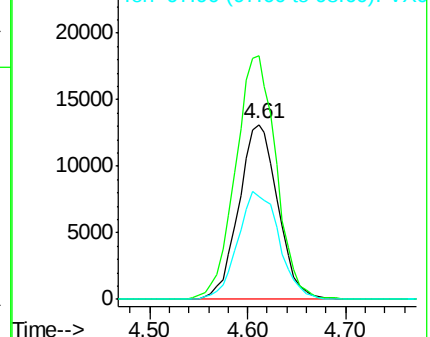
96 100

61 144.8 0.0 296.4

98 65.1 0.0 130.6



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



#28

Bromochloromethane

Concen: 22.02 ug/l

RT: 5.04 min Scan# 730

Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

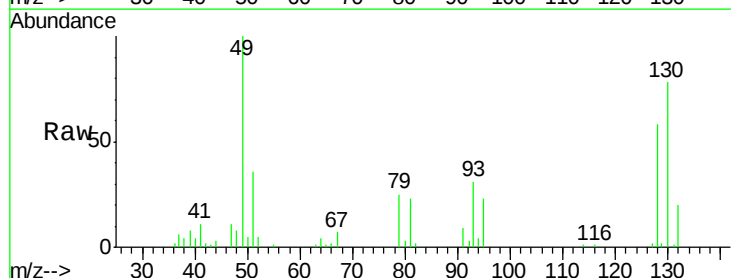
Tgt Ion: 49 Resp: 29187

Ion Ratio Lower Upper

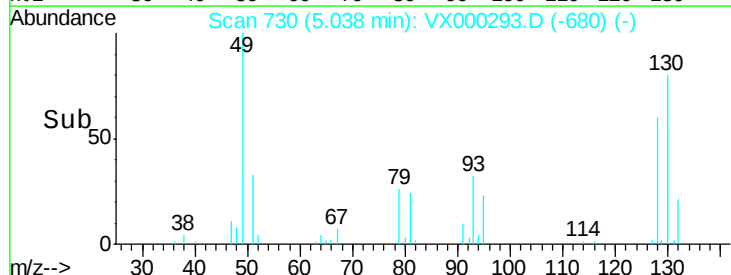
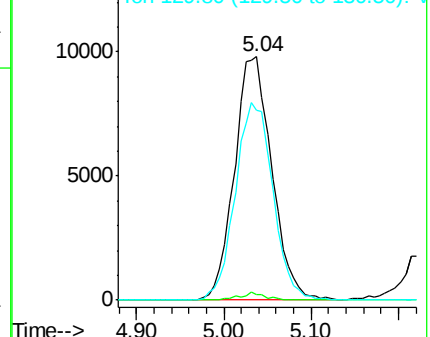
49 100

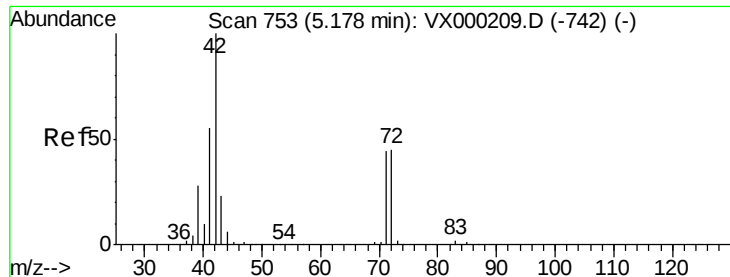
129 2.0 0.0 5.0

130 81.3 63.5 95.3



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





#29

Tetrahydrofuran

Concen: 98.66 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

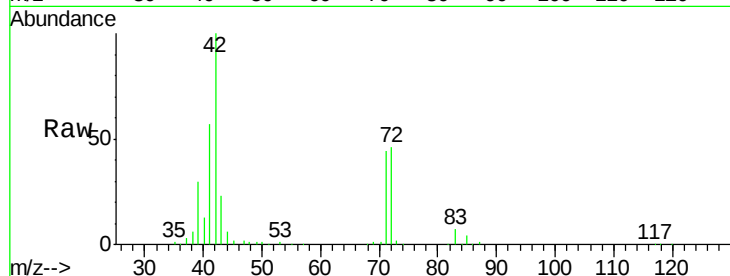
Tot Ion: 42 Resp: 115774

Ion Ratio Lower Upper

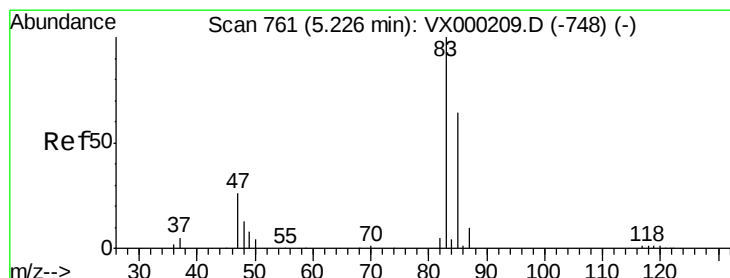
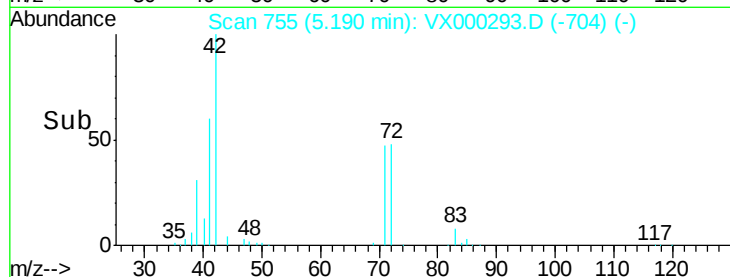
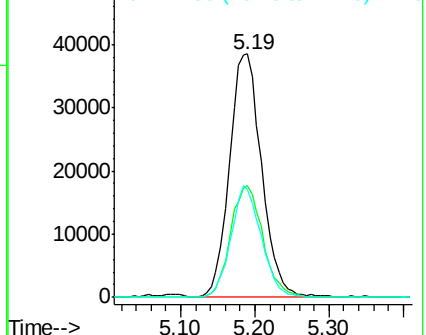
42 100

72 46.7 37.3 55.9

71 43.6 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.49 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000293.D

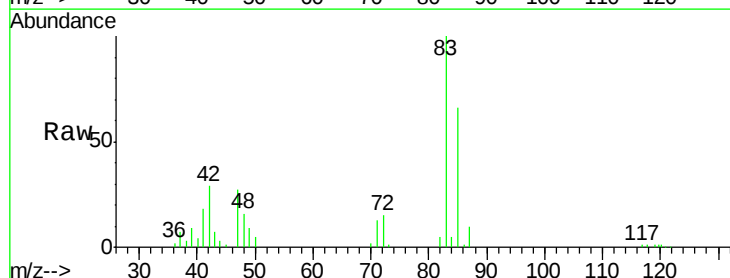
Acq: 13 Mar 2018 11:58

Tgt Ion: 83 Resp: 64816

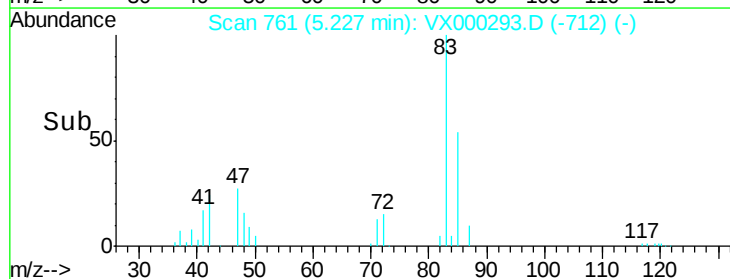
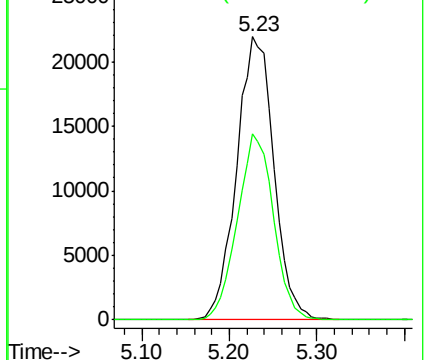
Ion Ratio Lower Upper

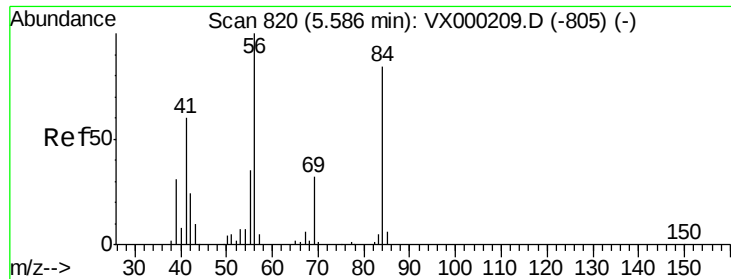
83 100

85 65.6 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

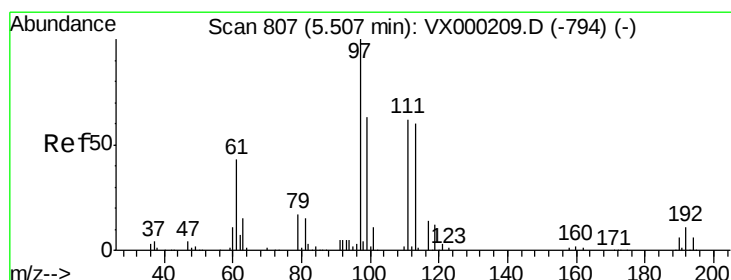
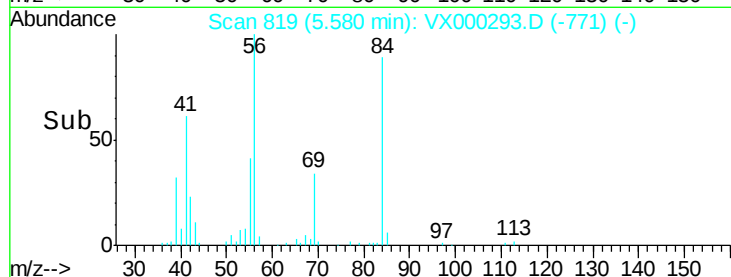
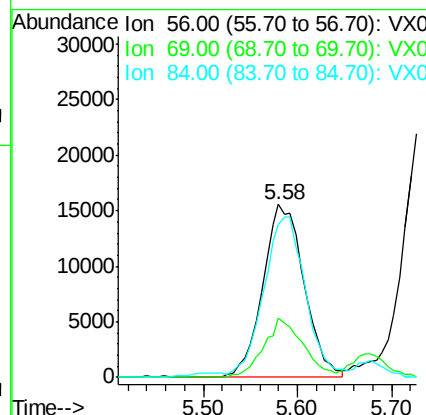
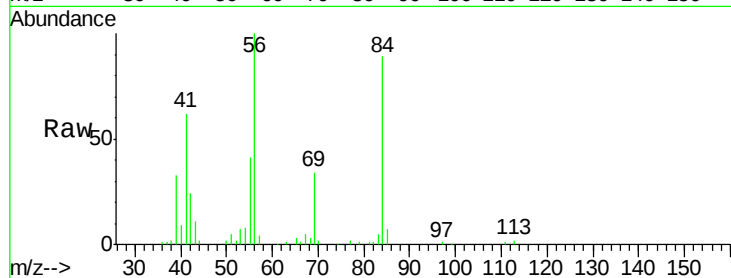




#31
Cyclohexane
Concen: 20.68 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

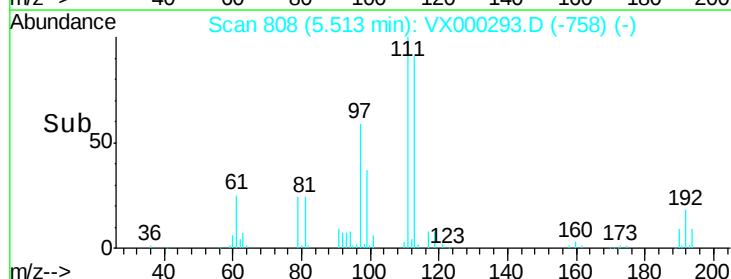
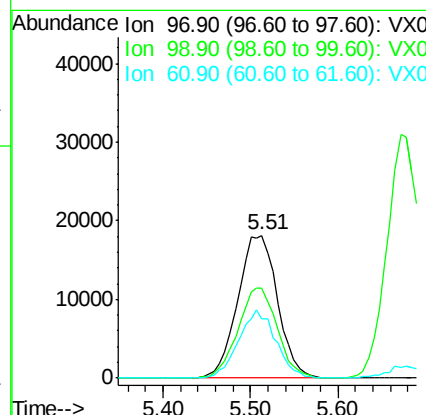
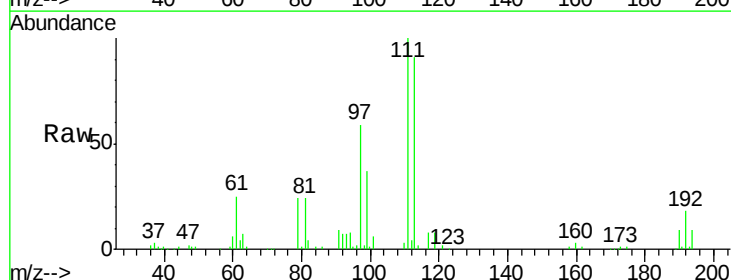
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

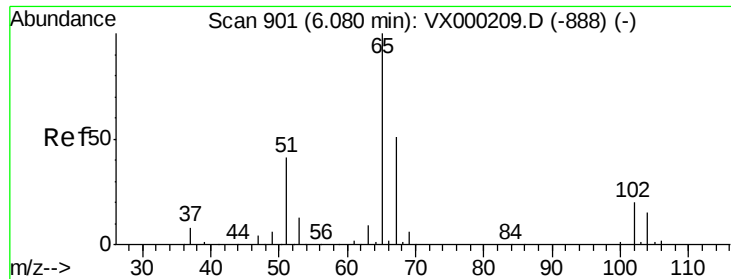
Tot Ion: 56 Resp: 47708
Ion Ratio Lower Upper
56 100
69 34.4 25.3 37.9
84 87.1 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 21.85 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion: 97 Resp: 57124
Ion Ratio Lower Upper
97 100
99 62.6 50.9 76.3
61 44.5 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 48.88 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

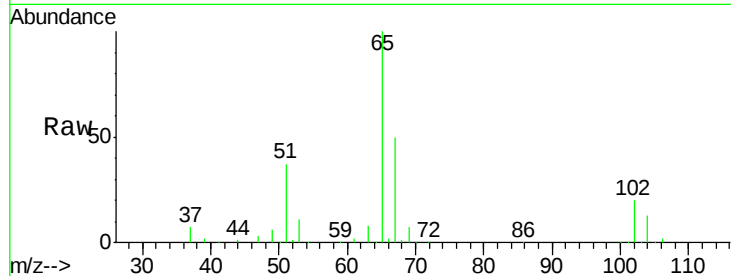
VX0313WBSD01

Tot Ion: 65 Resp: 103043

Ion Ratio Lower Upper

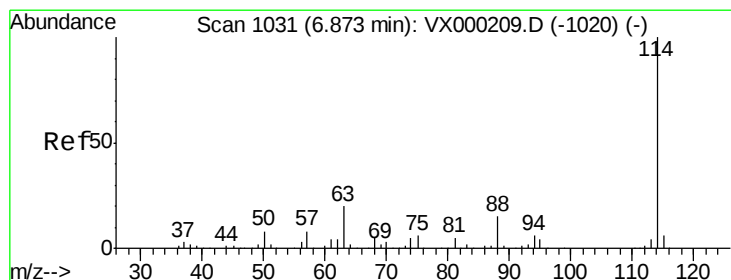
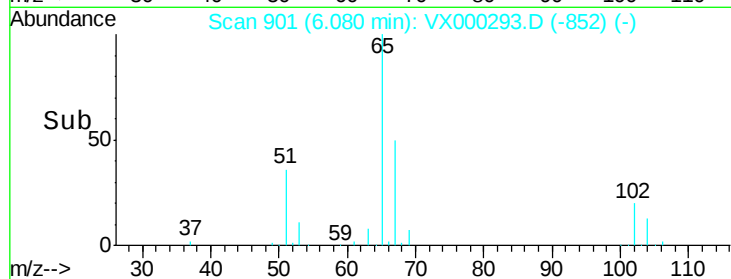
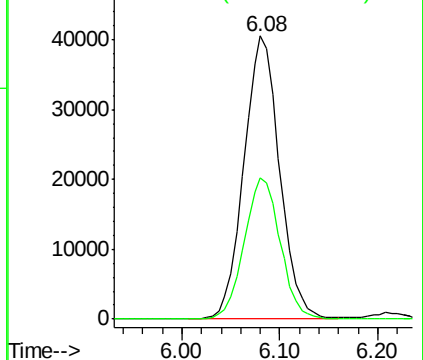
65 100

67 50.2 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

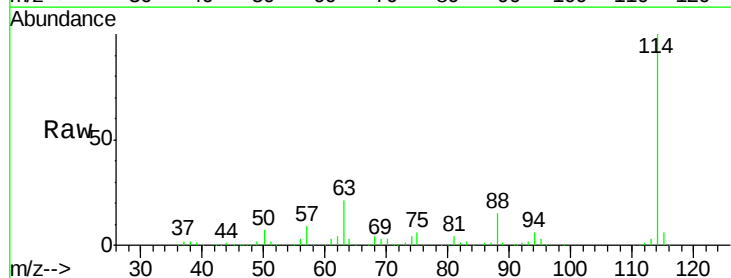
Tgt Ion: 114 Resp: 256742

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

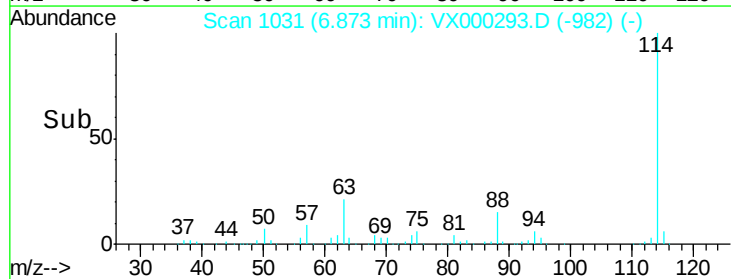
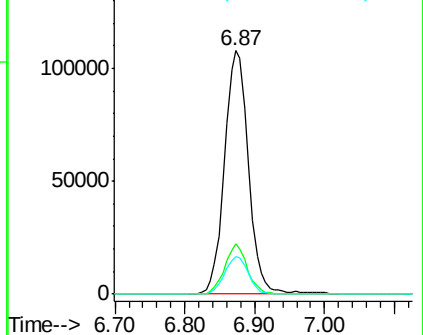
88 15.3 0.0 29.8

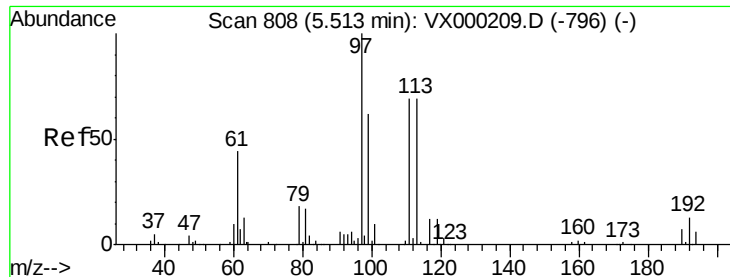


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

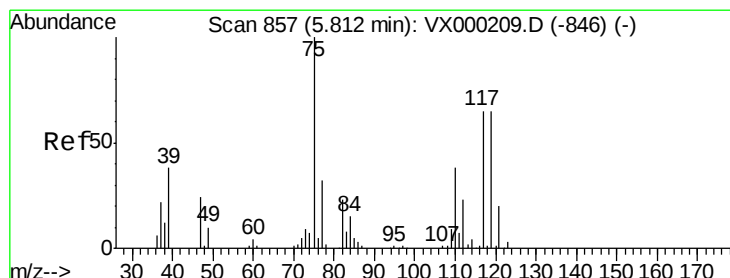
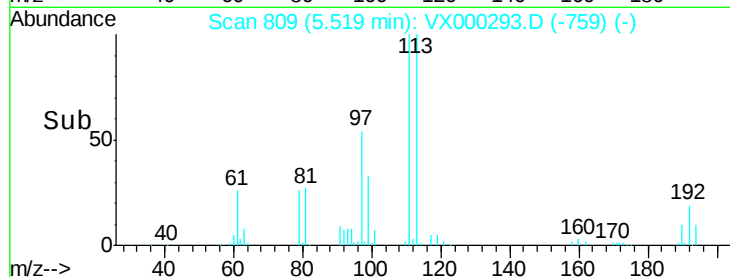
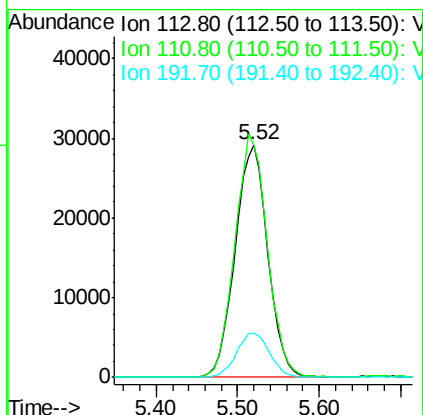
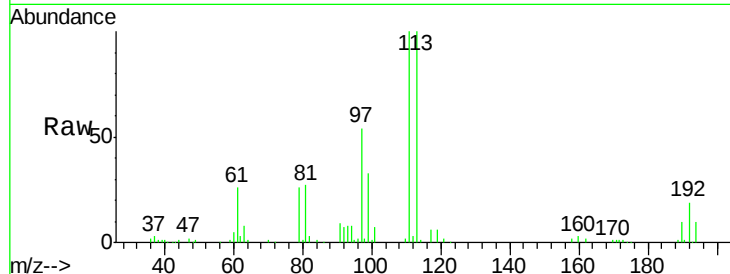




#35
 Dibromofluoromethane
 Concen: 49.94 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

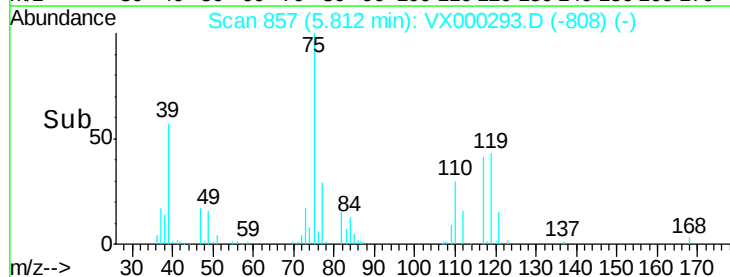
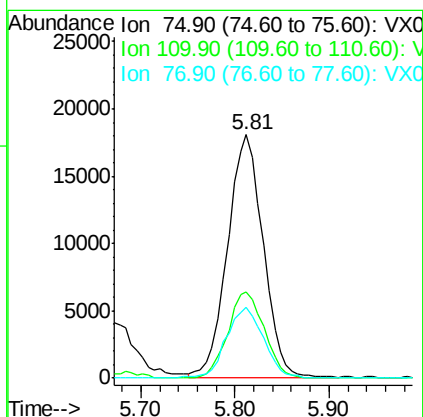
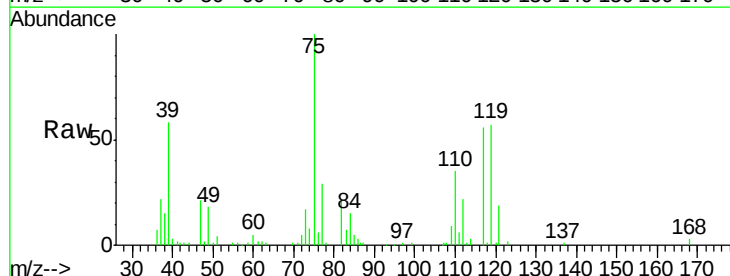
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

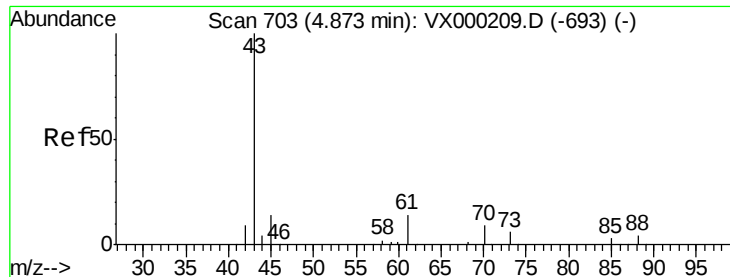
Tot Ion:113 Resp: 80546
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.0 124.6
 192 19.3 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 20.87 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion: 75 Resp: 47677
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.8 53.5
 77 30.2 24.9 37.3





#37

Ethyl Acetate

Concen: 19.52 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

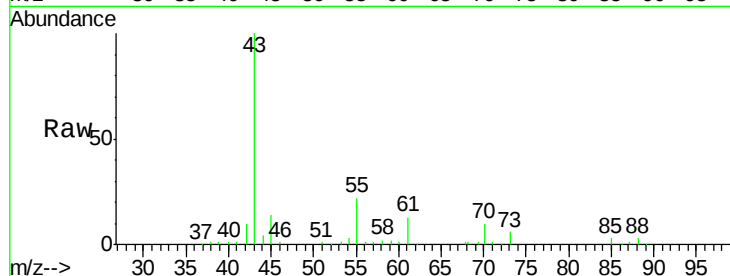
Tot Ion: 43 Resp: 64452

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

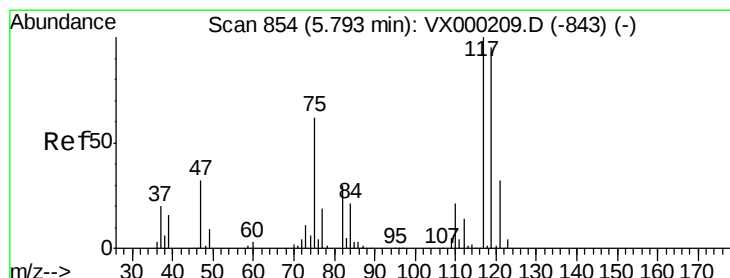
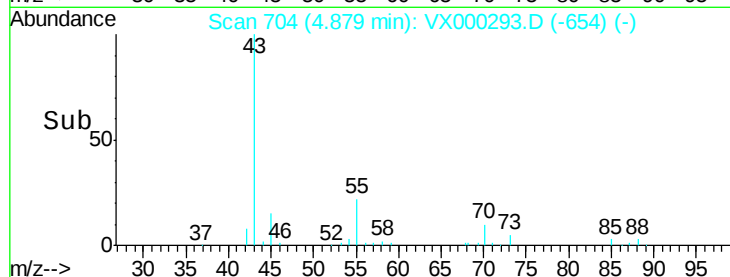
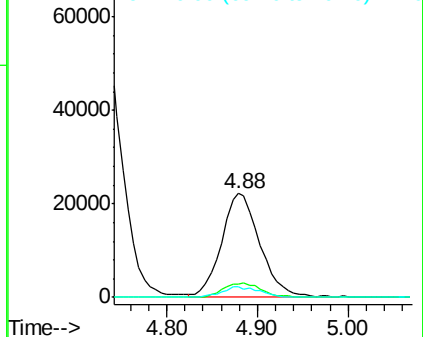
70 10.0 7.8 11.6



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: 20.81 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

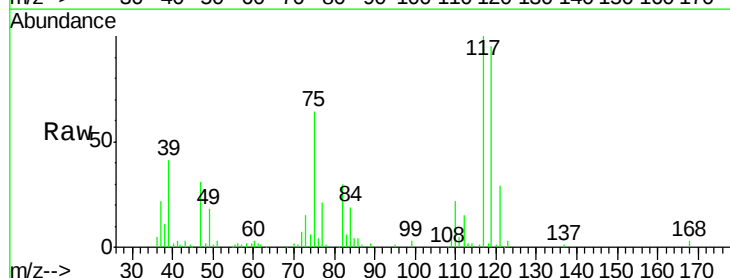
Tgt Ion: 117 Resp: 48105

Ion Ratio Lower Upper

117 100

119 95.3 75.9 113.9

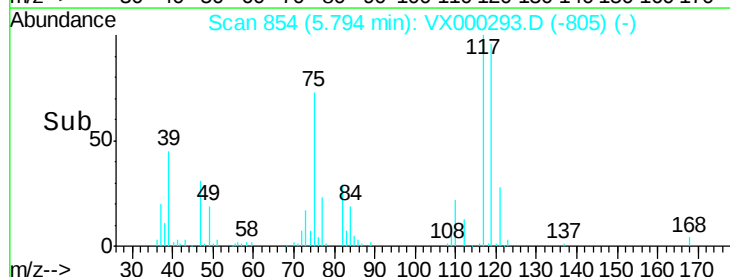
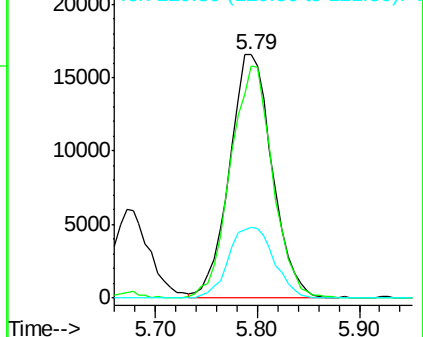
121 29.0 25.8 38.6

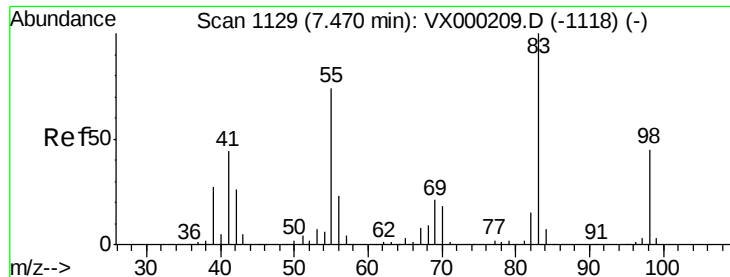


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

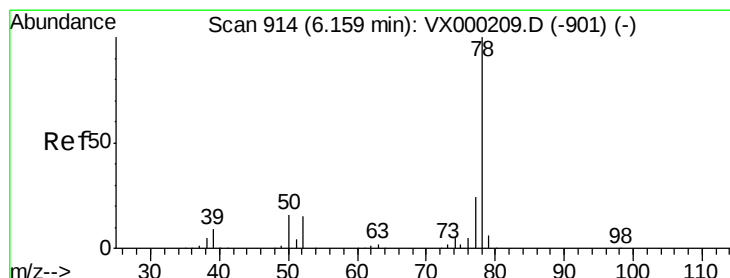
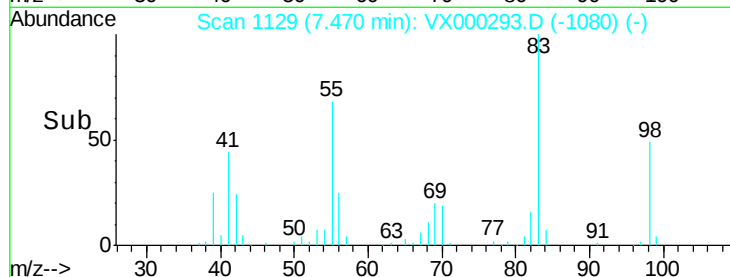
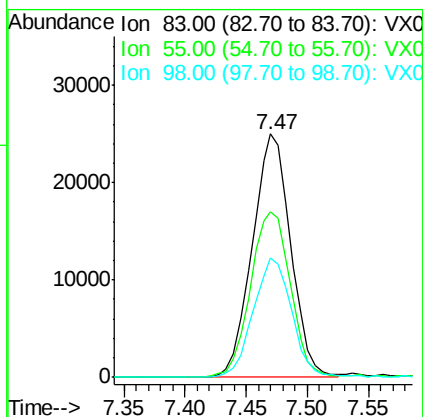
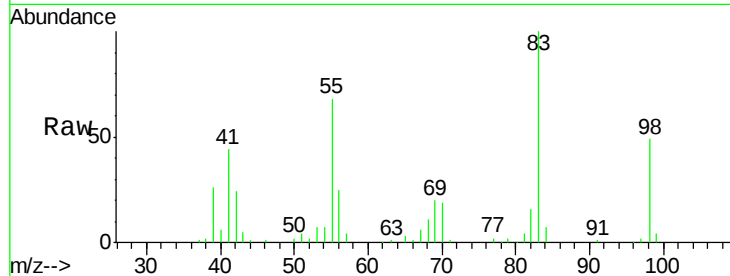




#39
Methvlcvclohexane
Concen: 19.49 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

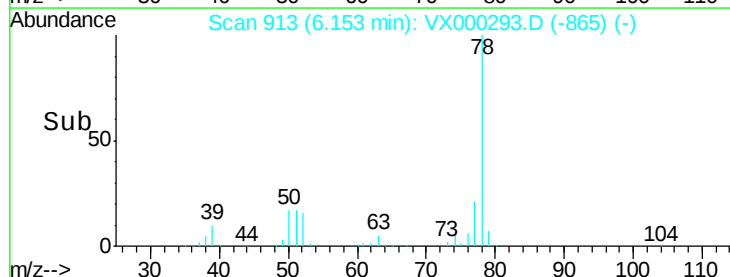
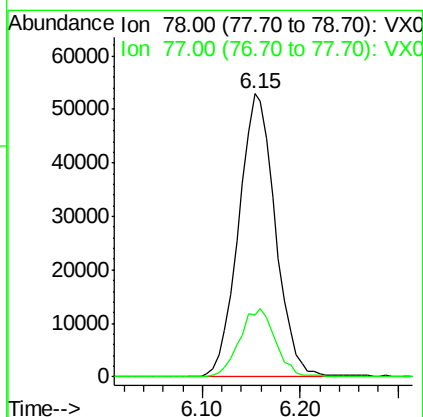
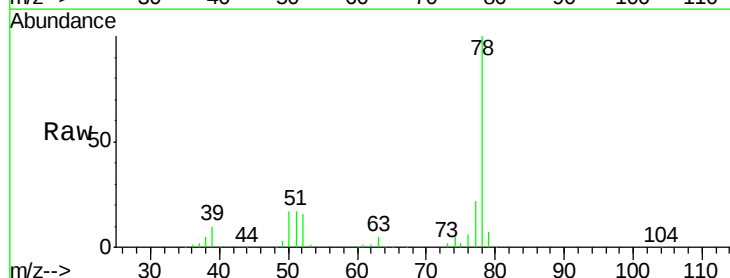
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

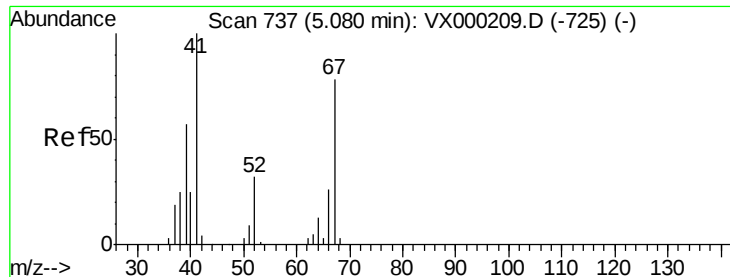
Tot Ion: 83 Resp: 54634
Ion Ratio Lower Upper
83 100
55 67.7 59.4 89.0
98 49.2 36.3 54.5



#40
Benzene
Concen: 20.85 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion: 78 Resp: 137398
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.2

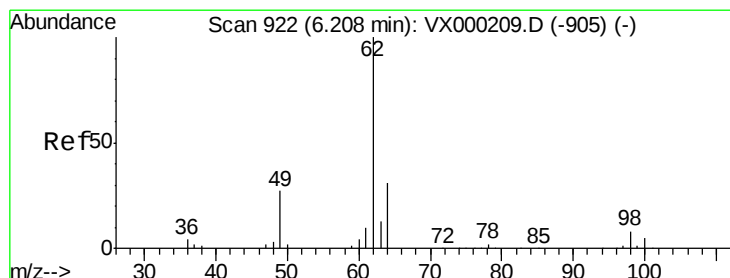
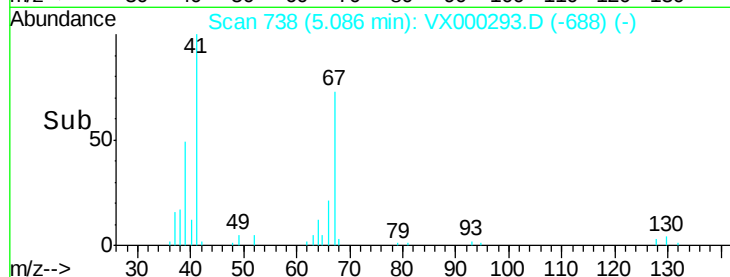
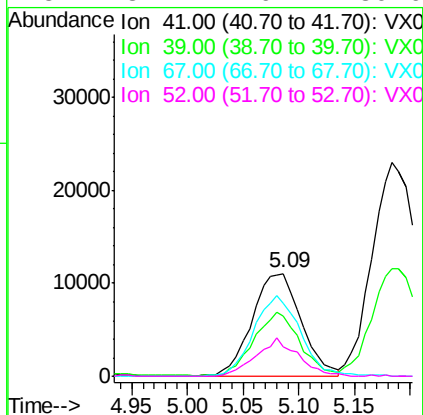
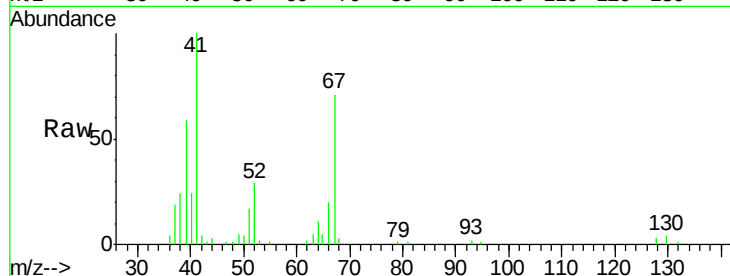




#41
Methacrylonitrile
Concen: 20.15 ug/l
RT: 5.09 min Scan# 738
Delta R.T. 0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

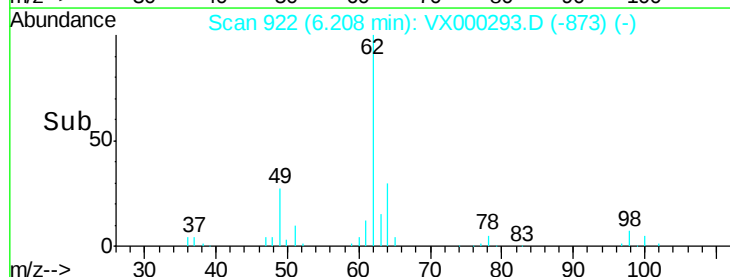
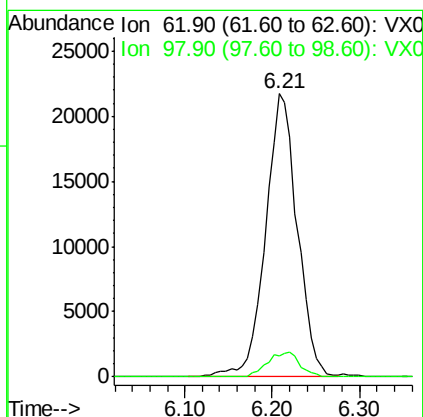
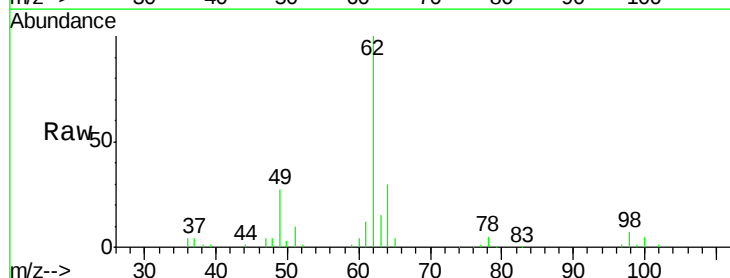
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

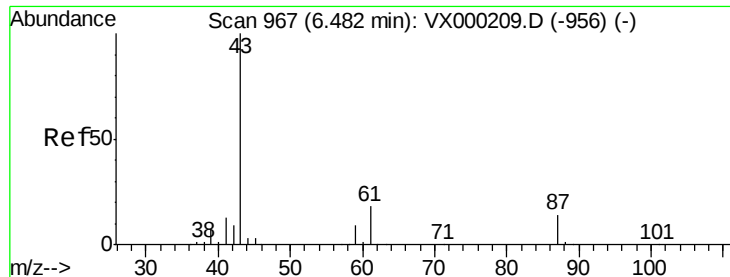
Tot Ion:	41	Resp:	33917
Ion	Ratio	Lower	Upper
41	100		
39	57.9	47.8	71.6
67	74.8	59.3	88.9
52	32.1	26.4	39.6



#42
1,2-Dichloroethane
Concen: 21.35 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion:	62	Resp:	55174
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.2





#43

Isopropyl Acetate

Concen: 20.26 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

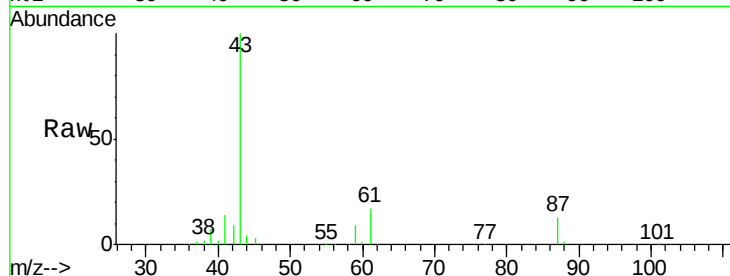
Tot Ion: 43 Resp: 96695

Ion Ratio Lower Upper

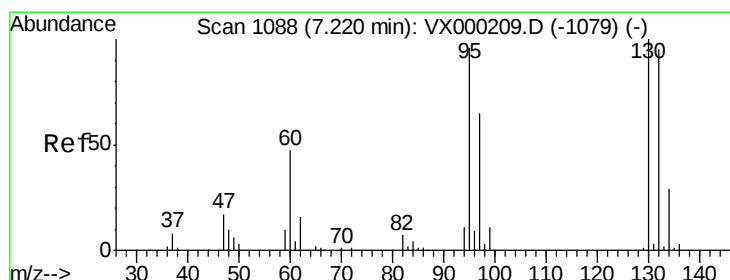
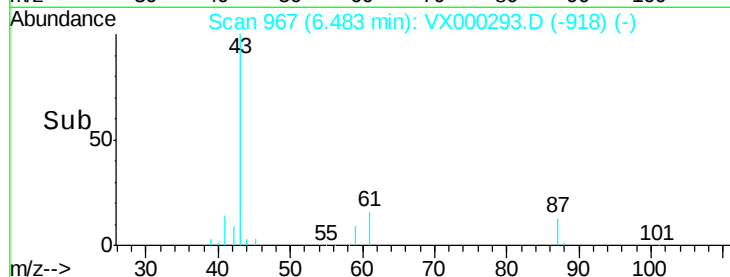
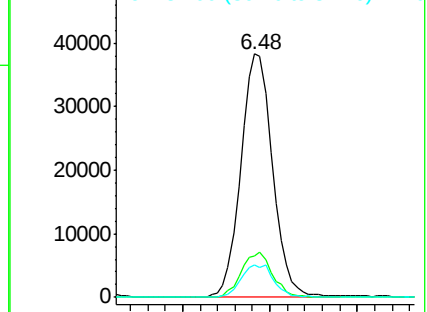
43 100

61 18.2 14.8 22.2

87 13.6 10.6 16.0



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: 20.94 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000293.D

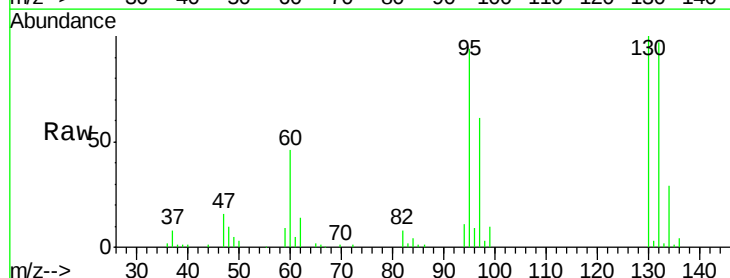
Acq: 13 Mar 2018 11:58

Tgt Ion: 130 Resp: 39494

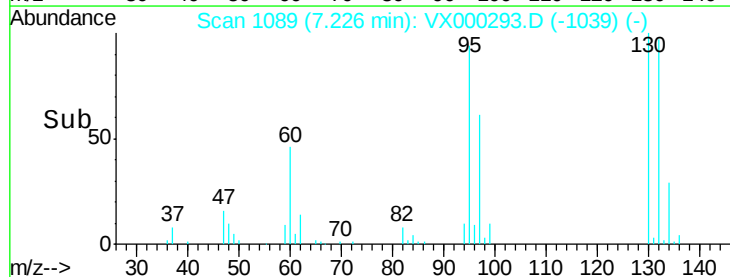
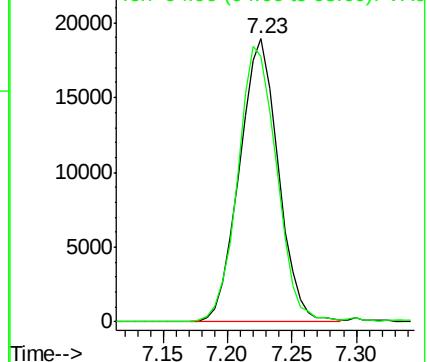
Ion Ratio Lower Upper

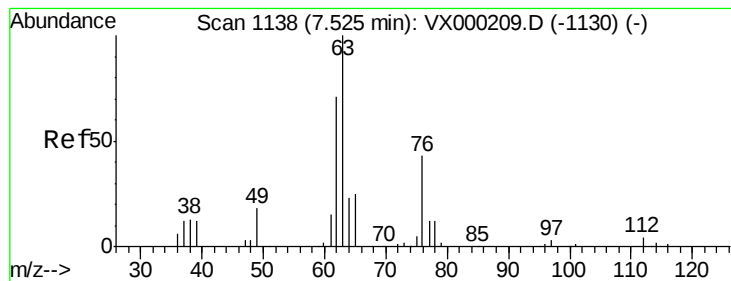
130 100

95 93.6 0.0 191.8



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





#45

1,2-Dichloropropane

Concen: 21.11 ug/l

RT: 7.53 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

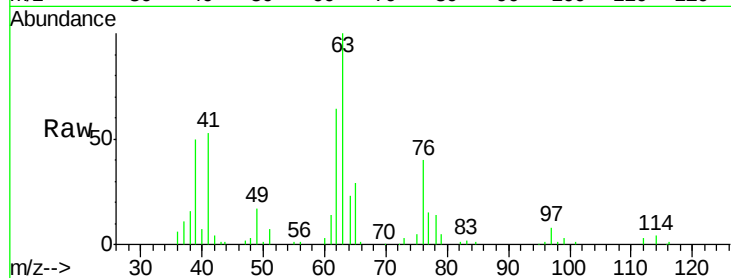
VX0313WBSD01

Tot Ion: 63 Resp: 35222

Ion Ratio Lower Upper

63 100

65 28.7 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.53

20000

15000

10000

5000

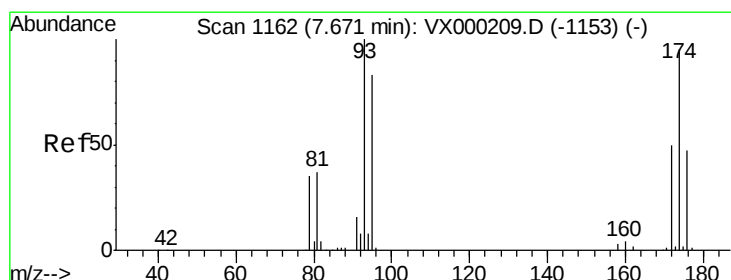
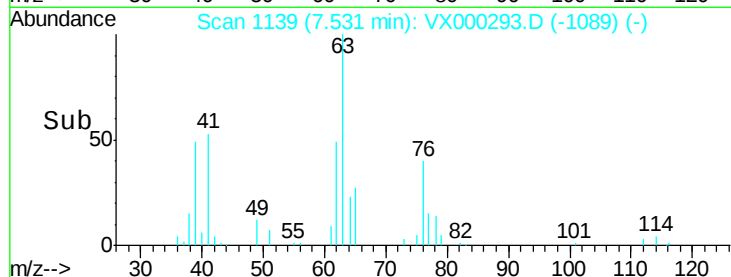
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 20.63 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

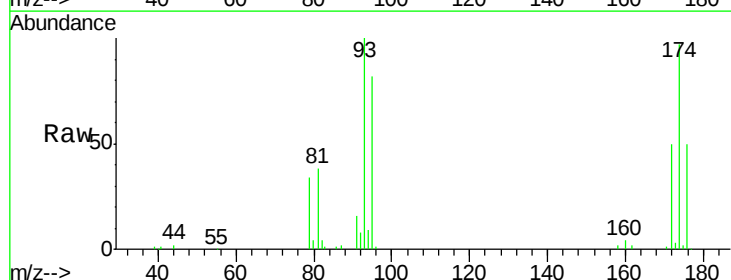
Tgt Ion: 93 Resp: 27243

Ion Ratio Lower Upper

93 100

95 84.5 64.1 96.1

174 99.9 75.8 113.8



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

20000

15000

10000

5000

0

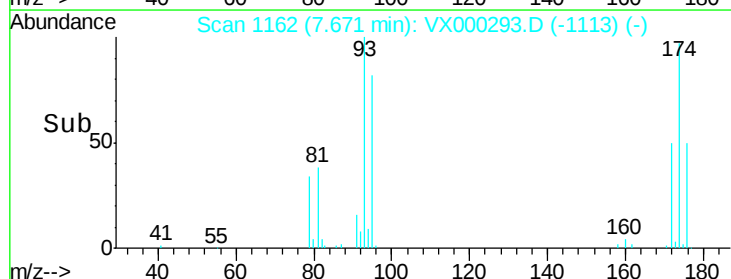
Time-->

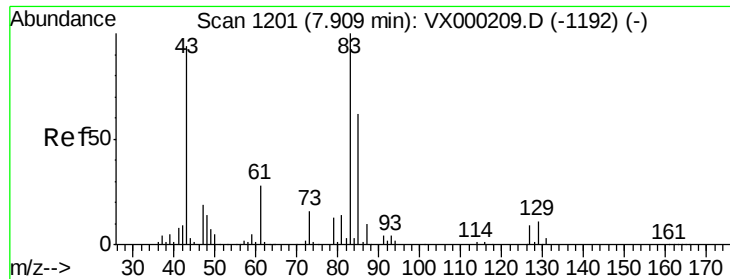
7.60

7.65

7.70

7.75





#47

Bromodichloromethane

Concen: 20.97 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

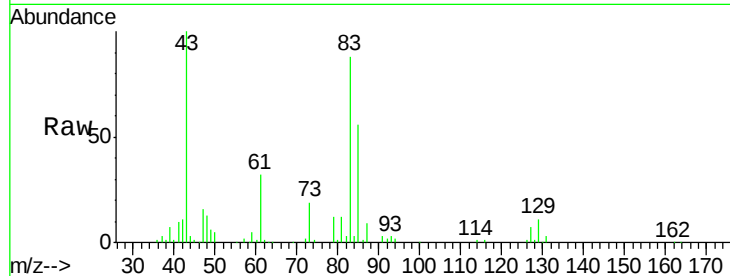
Tot Ion: 83 Resp: 48692

Ion Ratio Lower Upper

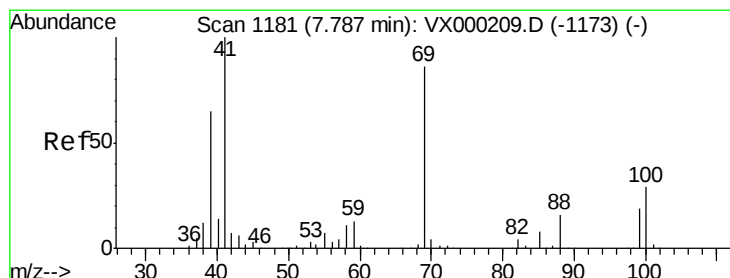
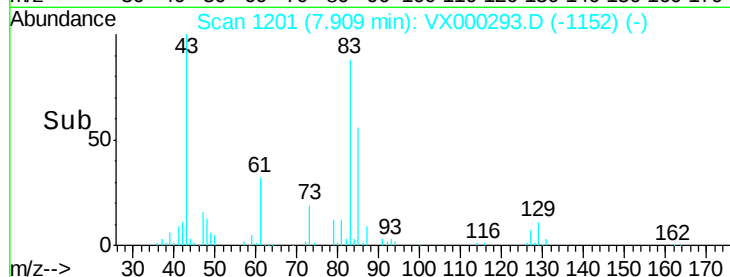
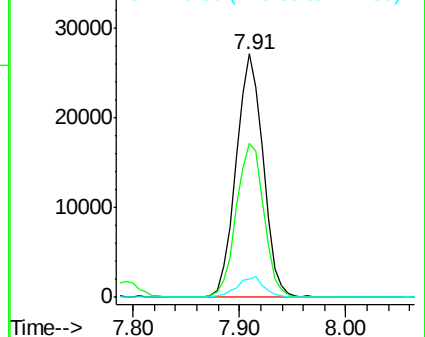
83 100

85 63.4 49.6 74.4

127 7.5 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: 19.59 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

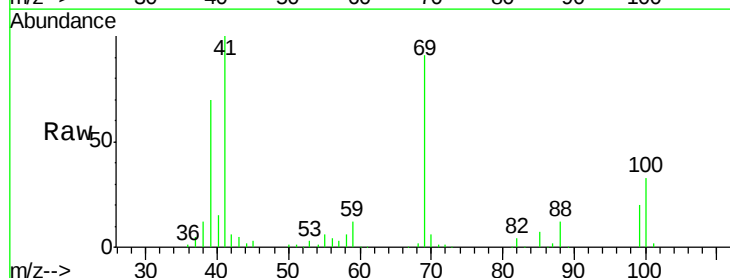
Tgt Ion: 41 Resp: 46052

Ion Ratio Lower Upper

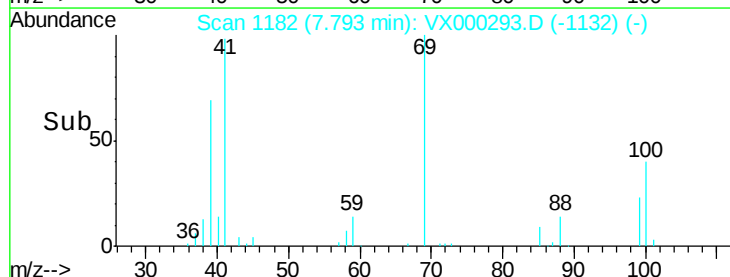
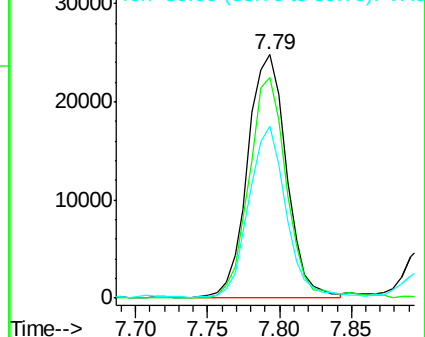
41 100

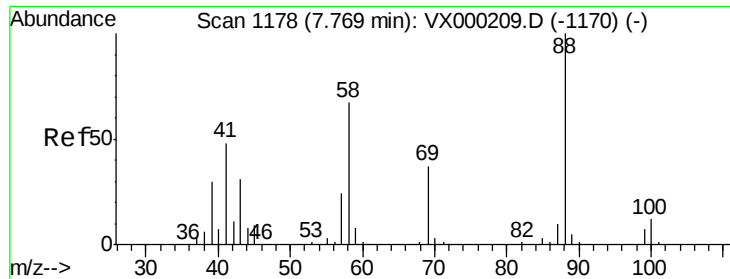
69 88.7 70.0 105.0

39 67.4 53.6 80.4



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

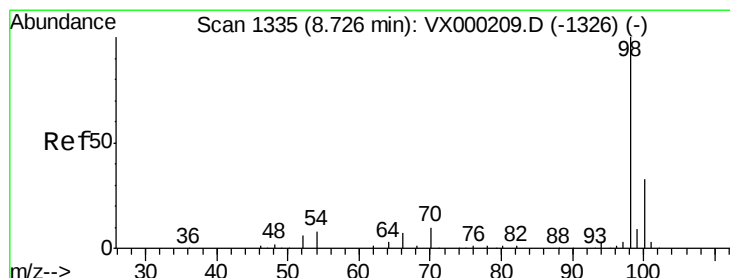
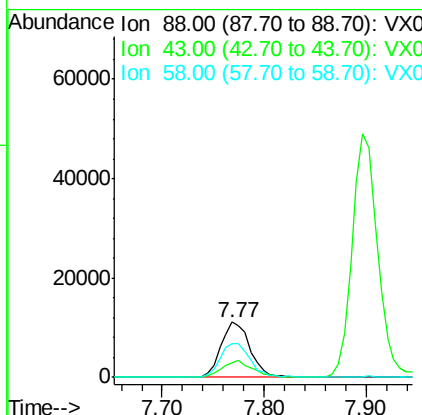
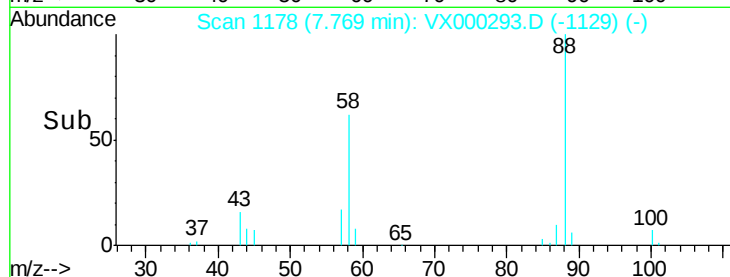
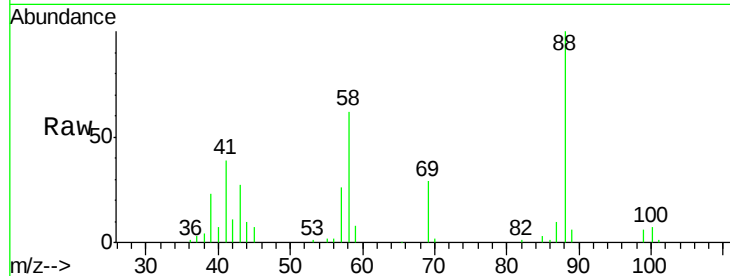




#49
1,4-Dioxane
Concen: 409.91 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

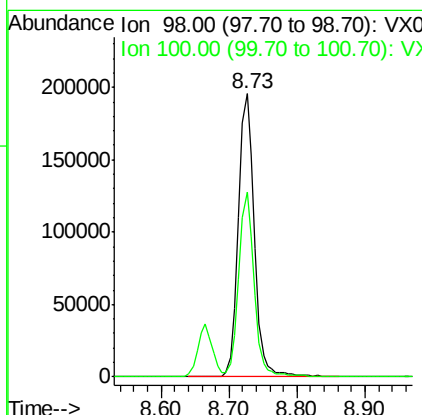
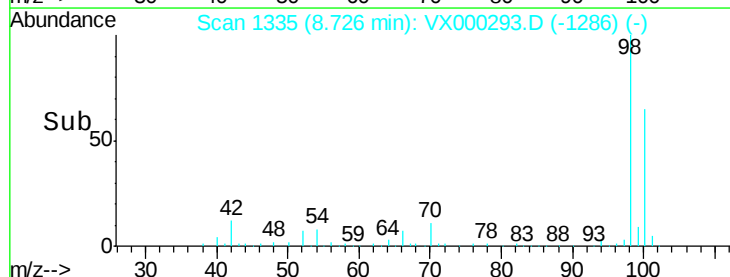
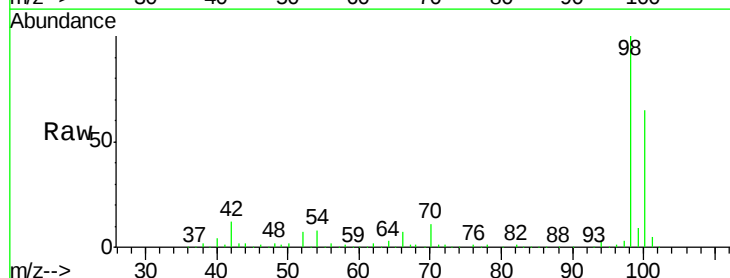
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion: 88 Resp: 21878
Ion Ratio Lower Upper
88 100
43 31.8 26.9 40.3
58 63.6 52.2 78.4



#50
Toluene-d8
Concen: 47.82 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion: 98 Resp: 319399
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 99.37 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

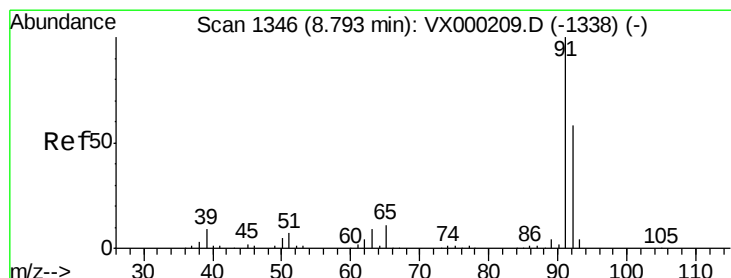
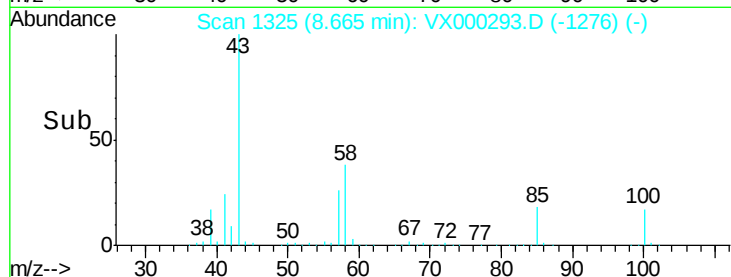
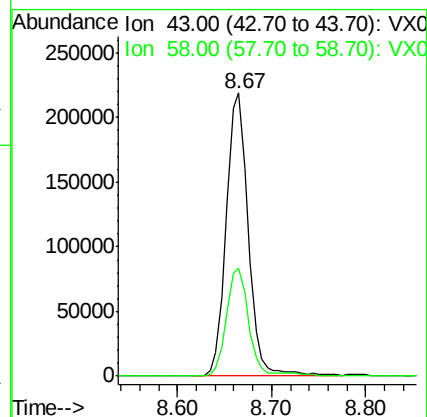
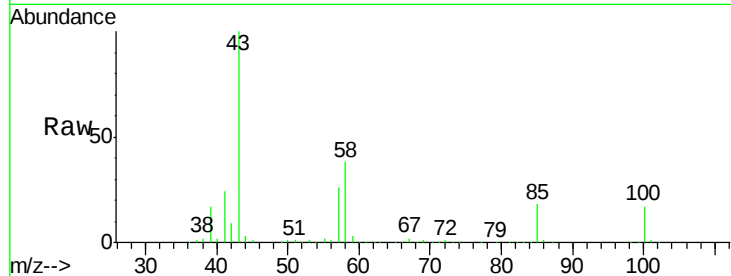
VX0313WBSD01

Tot Ion: 43 Resp: 358011

Ion Ratio Lower Upper

43 100

58 37.9 30.2 45.2



#52

Toluene

Concen: 20.66 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000293.D

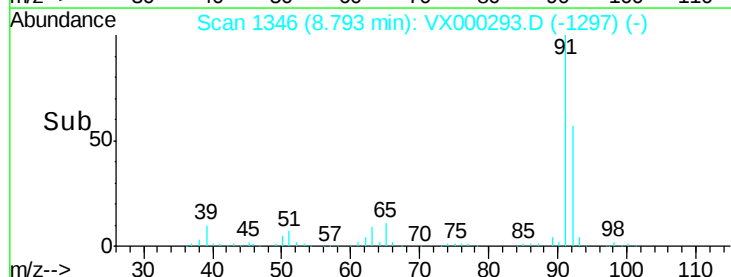
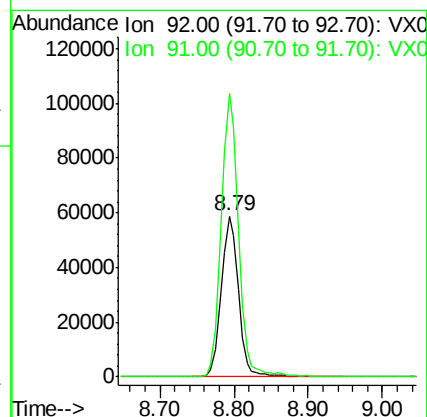
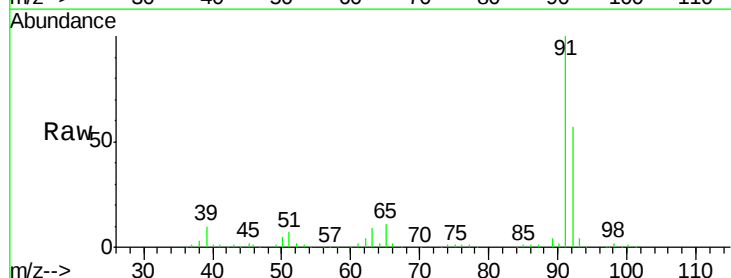
Acq: 13 Mar 2018 11:58

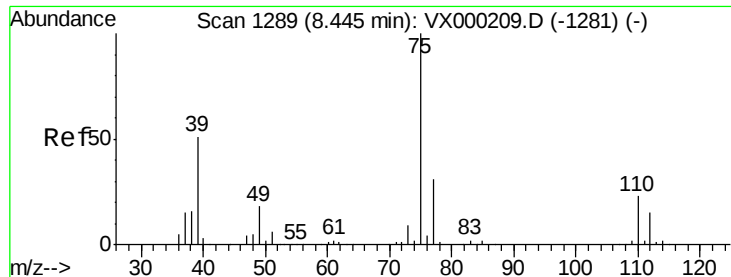
Tgt Ion: 92 Resp: 93273

Ion Ratio Lower Upper

92 100

91 178.1 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 20.73 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

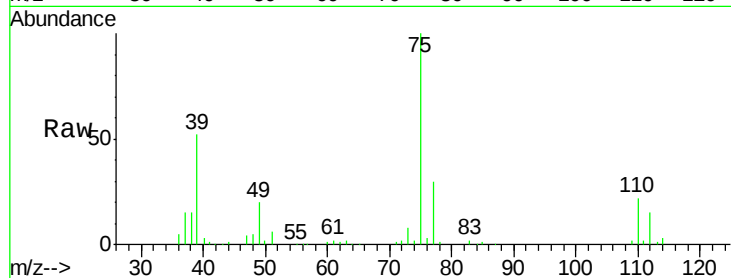
VX0313WBSD01

Tot Ion: 75 Resp: 56727

Ion Ratio Lower Upper

75 100

77 29.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

40000

30000

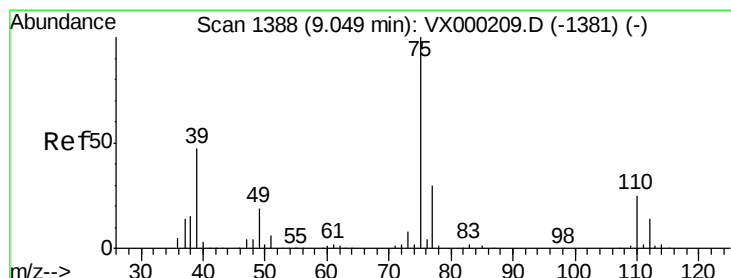
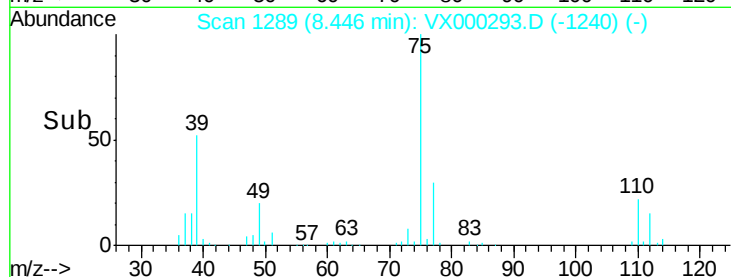
20000

10000

0

8.35 8.40 8.45 8.50 8.55

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.83 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

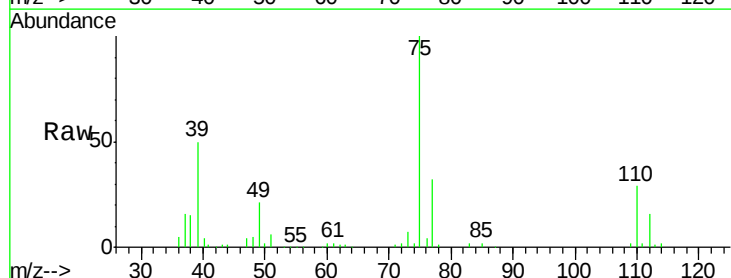
Tgt Ion: 75 Resp: 55140

Ion Ratio Lower Upper

75 100

77 32.2 23.9 35.9

39 49.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

50000

40000

30000

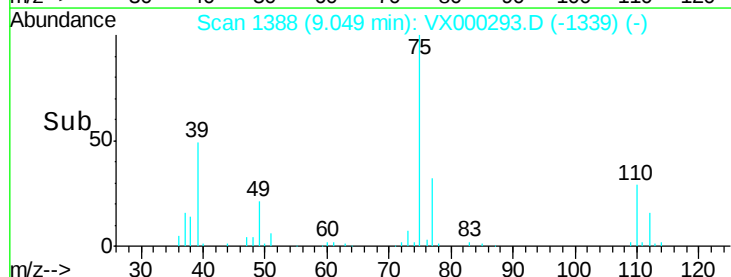
20000

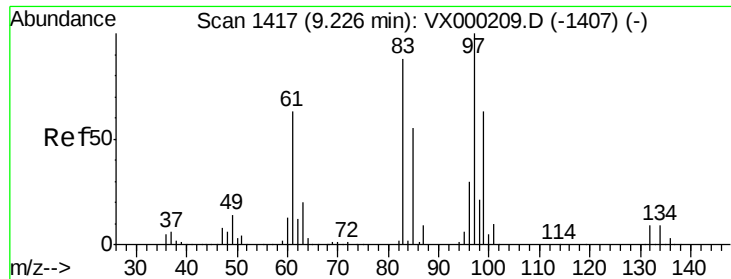
10000

0

8.95 9.00 9.05 9.10 9.15

Time-->

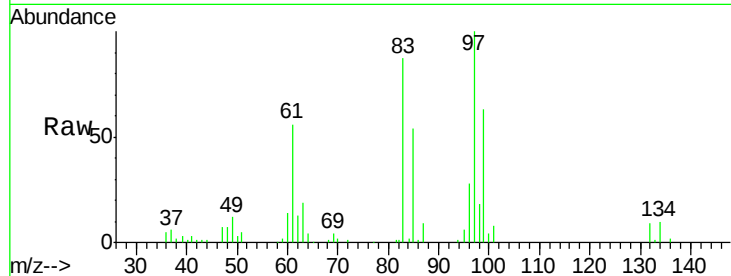




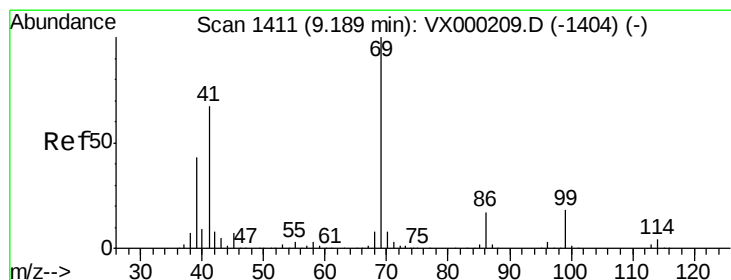
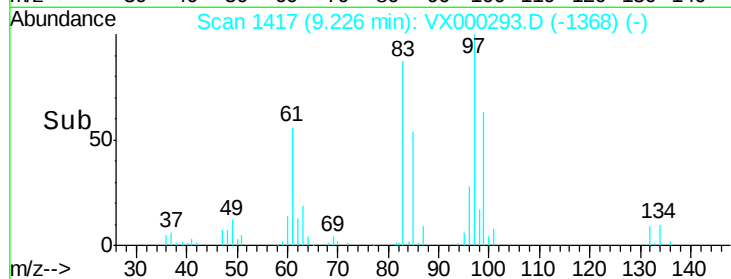
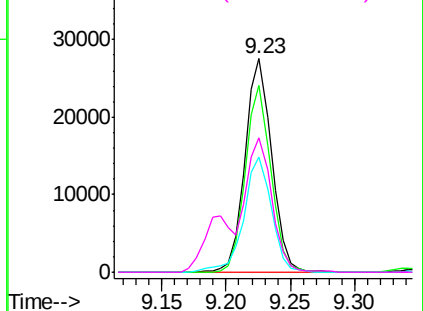
#55
 1,1,2-Trichloroethane
 Concen: 21.45 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion: 97 Resp: 39228
 Ion Ratio Lower Upper
 97 100
 83 87.3 70.4 105.6
 85 53.7 43.9 65.9
 99 62.5 50.5 75.7

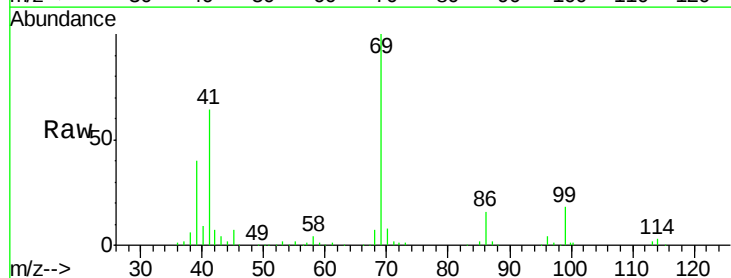


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

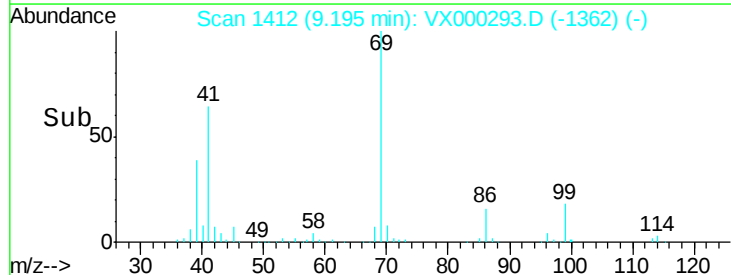
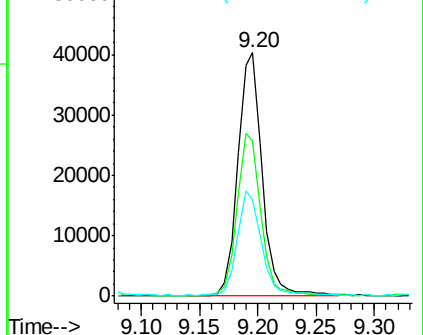


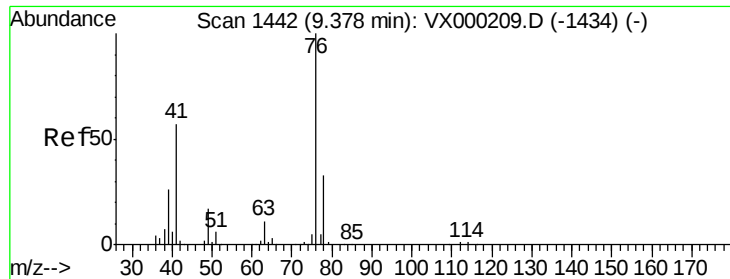
#56
 Ethyl methacrylate
 Concen: 21.41 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion: 69 Resp: 58596
 Ion Ratio Lower Upper
 69 100
 41 67.2 52.2 78.2
 39 42.1 34.3 51.5



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





#57

1,3-Dichloropropane

Concen: 20.98 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

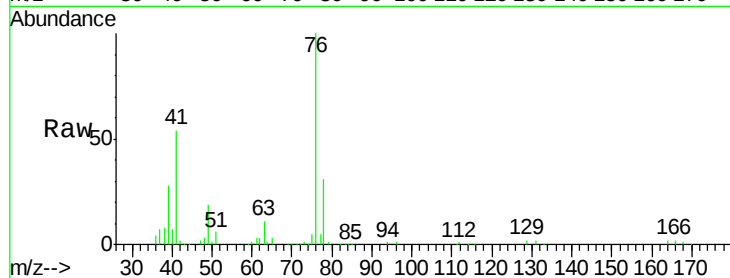
VX0313WBSD01

Tot Ion: 76 Resp: 64425

Ion Ratio Lower Upper

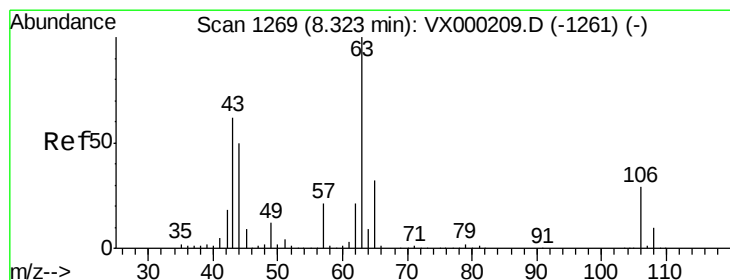
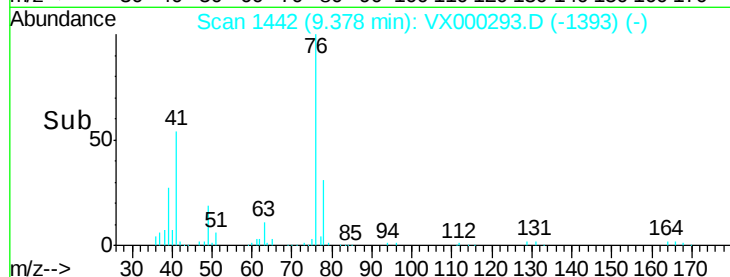
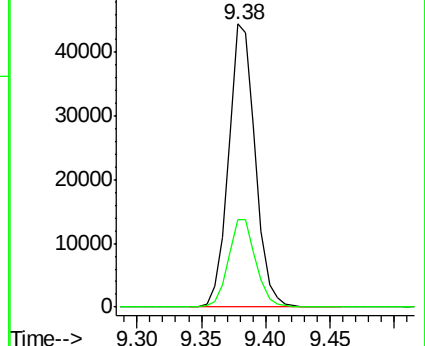
76 100

78 31.9 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.69 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX000293.D

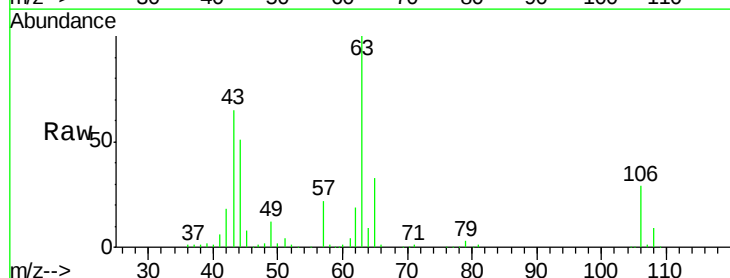
Acq: 13 Mar 2018 11:58

Tgt Ion: 63 Resp: 139145

Ion Ratio Lower Upper

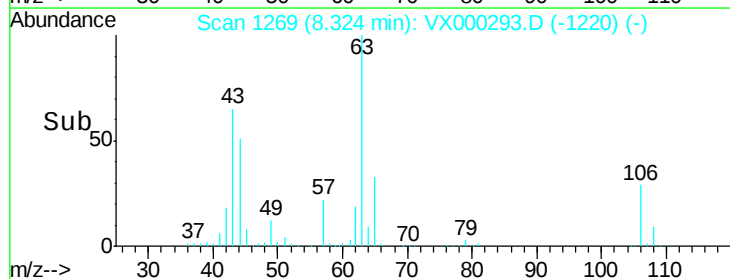
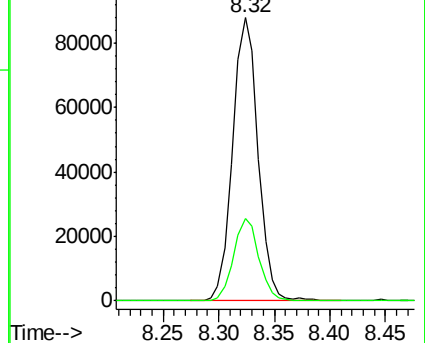
63 100

106 29.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

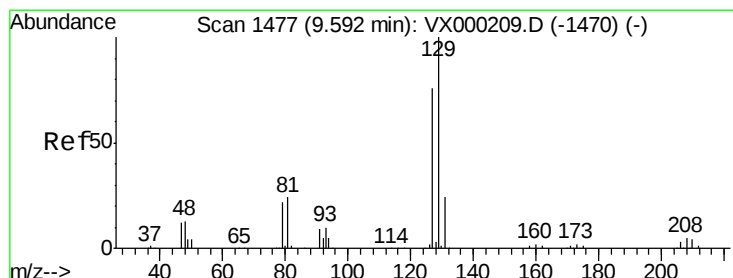
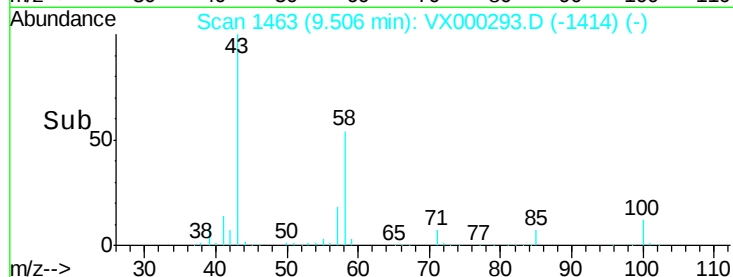
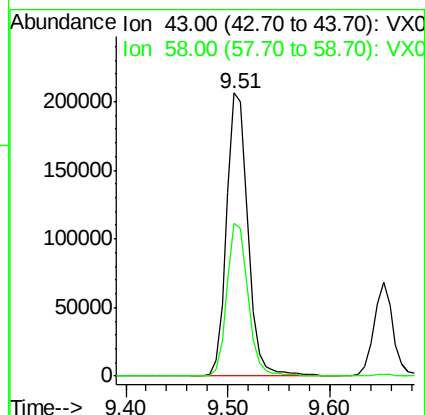
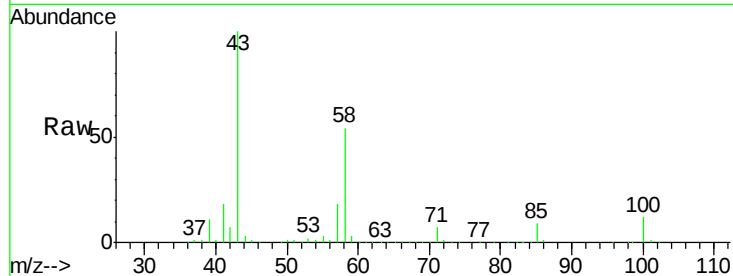




#59
2-Hexanone
Concen: 97.68 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

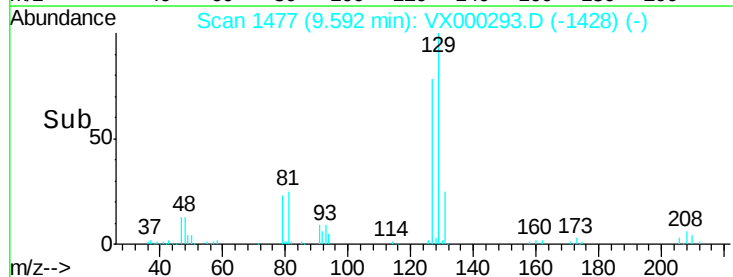
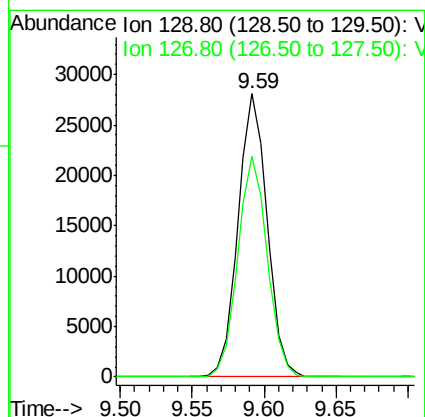
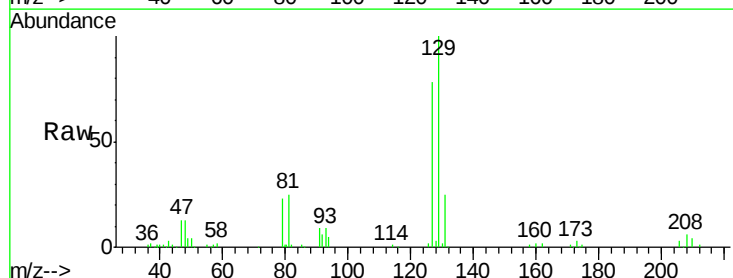
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

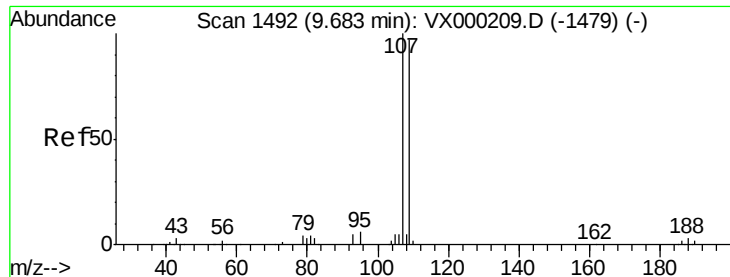
Tot Ion: 43 Resp: 300071
Ion Ratio Lower Upper
43 100
58 53.5 26.6 79.7



#60
Dibromochloromethane
Concen: 20.57 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion: 129 Resp: 39674
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.90 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

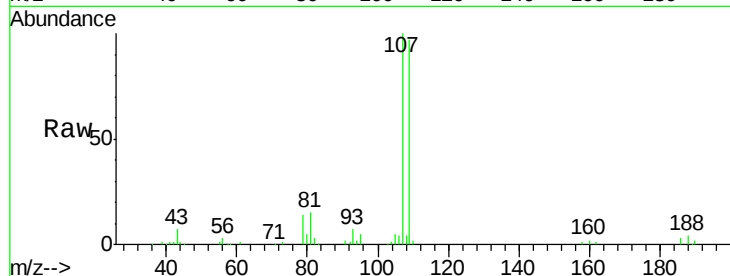
VX0313WBSD01

Tot Ion:107 Resp: 42453

Ion Ratio Lower Upper

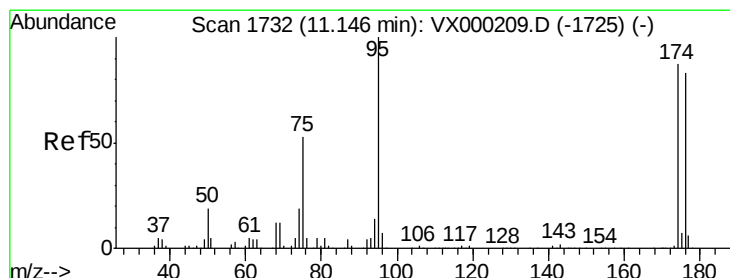
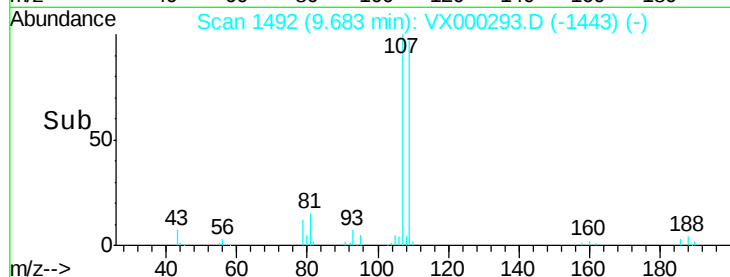
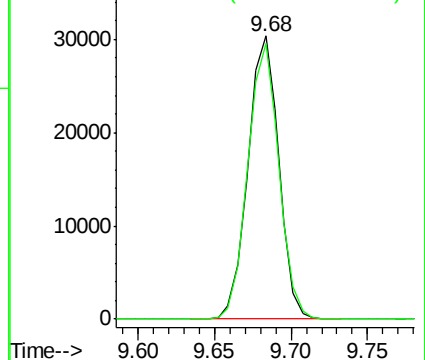
107 100

109 98.2 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.44 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

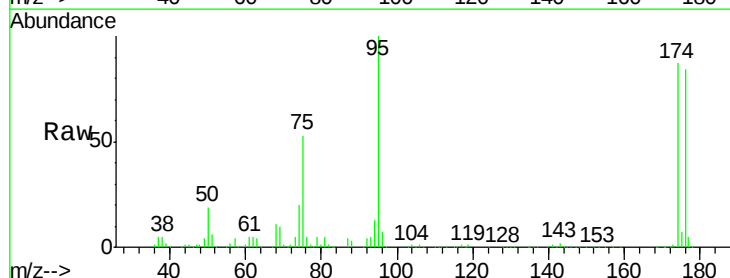
Tgt Ion: 95 Resp: 123684

Ion Ratio Lower Upper

95 100

174 86.7 0.0 175.6

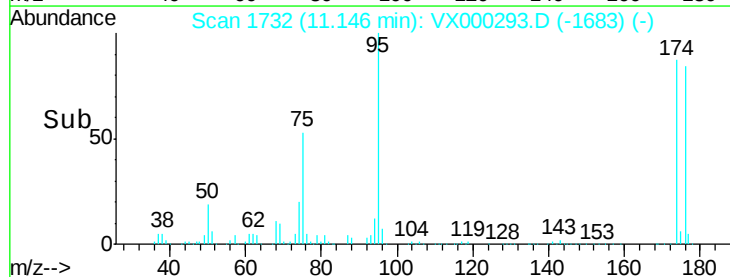
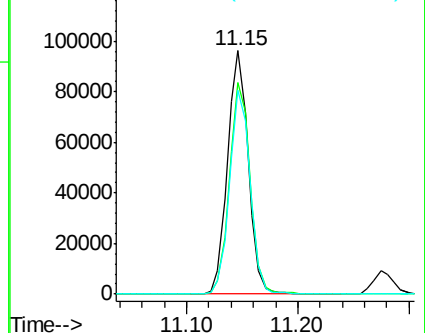
176 83.3 0.0 171.0

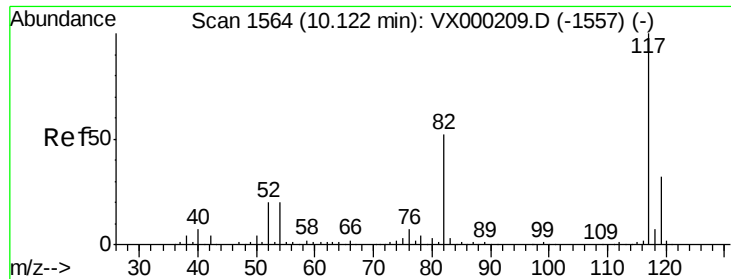


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

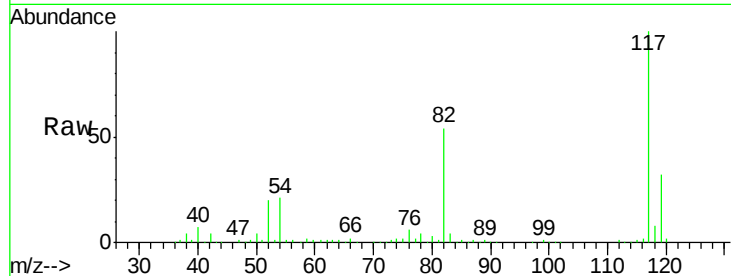




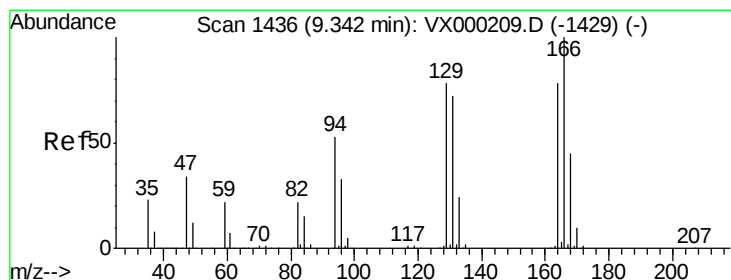
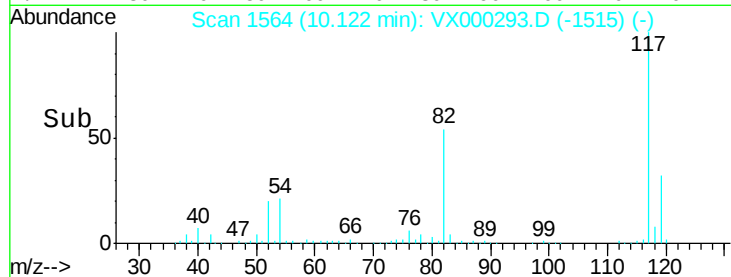
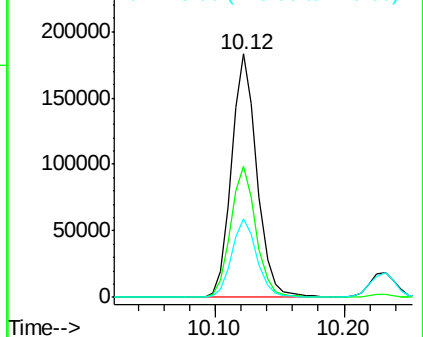
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion:117 Resp: 253414
Ion Ratio Lower Upper
117 100
82 53.9 42.0 63.0
119 32.2 25.3 37.9

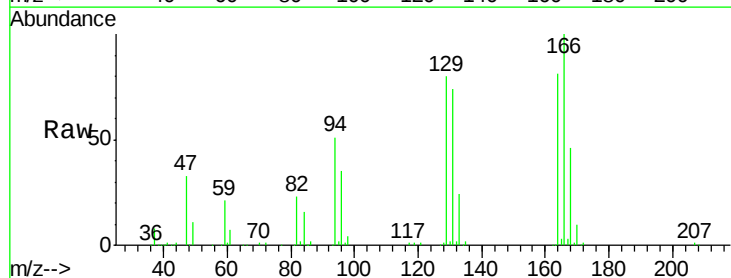


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

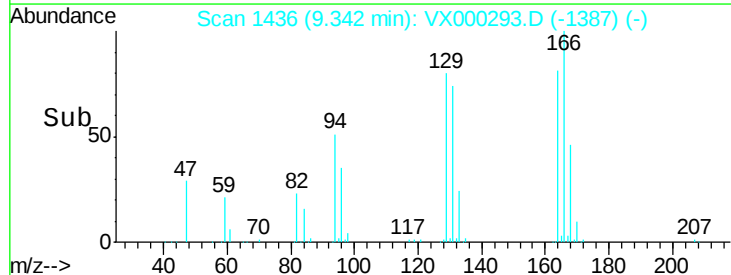
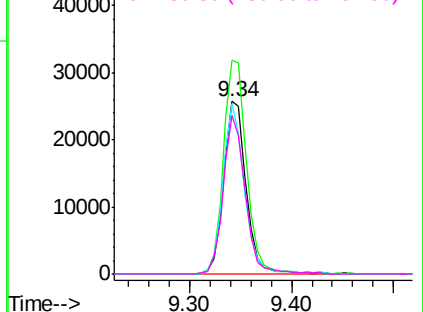


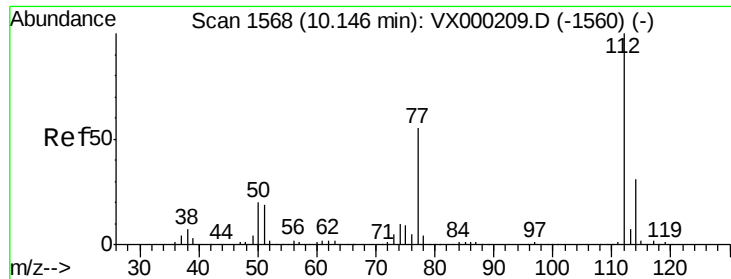
#64
Tetrachloroethene
Concen: 22.27 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion:164 Resp: 39485
Ion Ratio Lower Upper
164 100
166 123.6 103.0 154.6
129 98.9 80.2 120.4
131 91.6 74.2 111.4



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

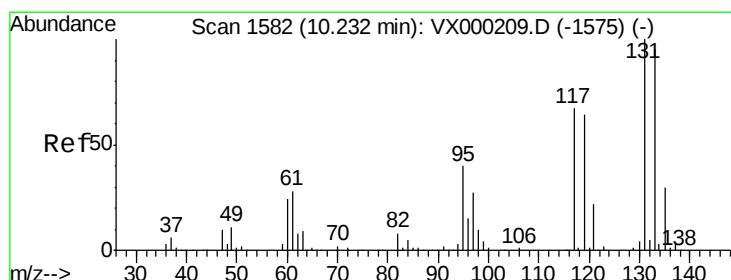
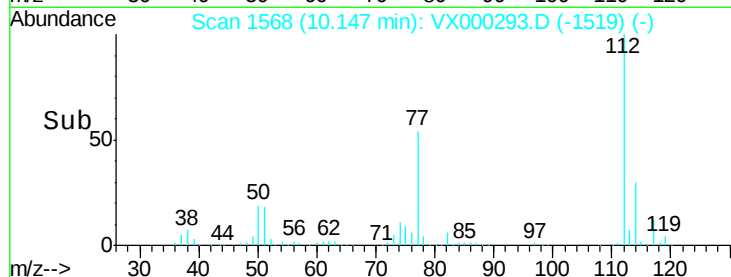
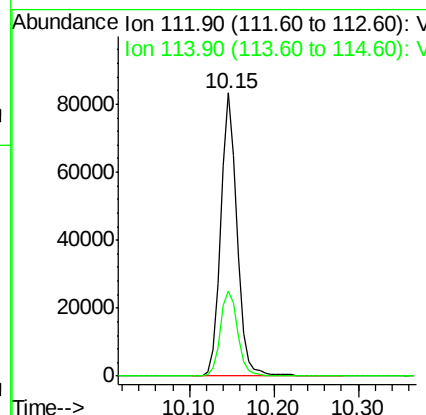
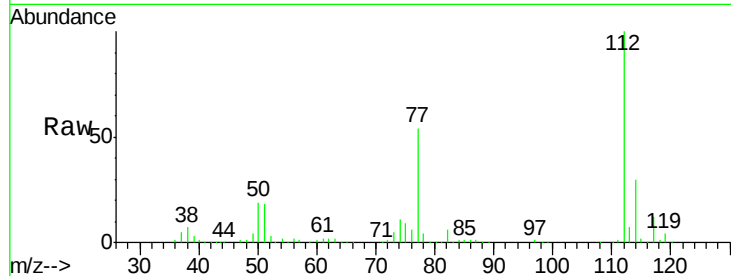




#65
Chlorobenzene
Concen: 21.89 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

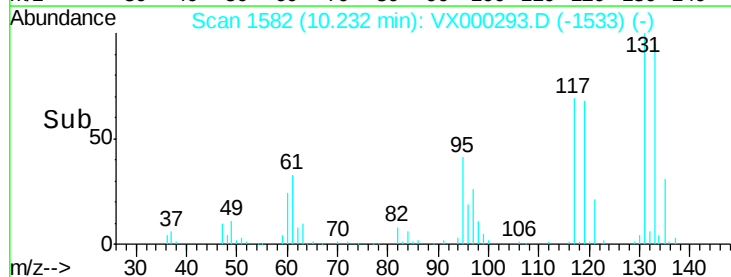
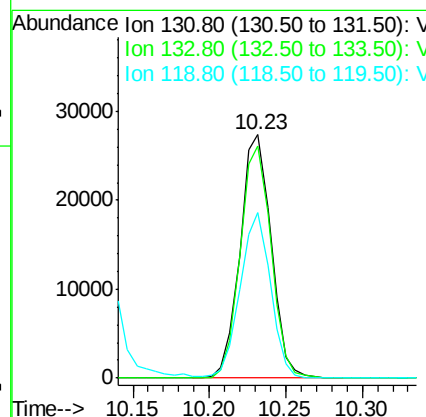
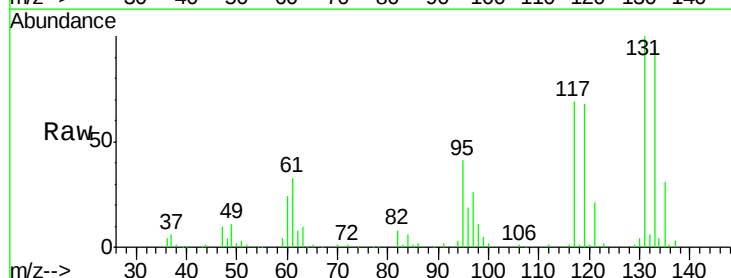
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

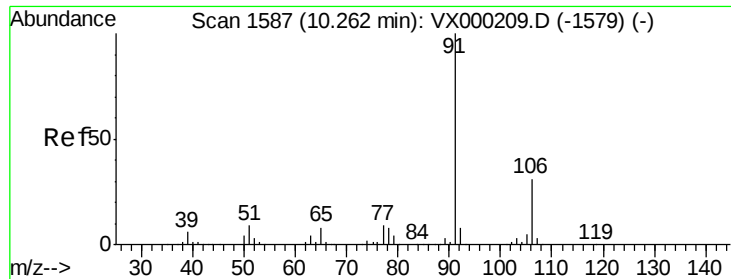
Tot Ion:112 Resp: 112020
Ion Ratio Lower Upper
112 100
114 30.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.97 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion:131 Resp: 38443
Ion Ratio Lower Upper
131 100
133 94.9 48.3 144.9
119 66.9 32.3 96.8

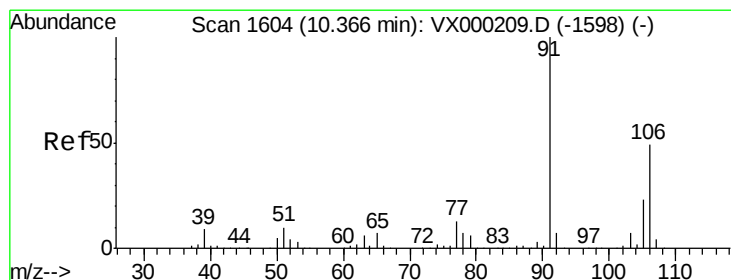
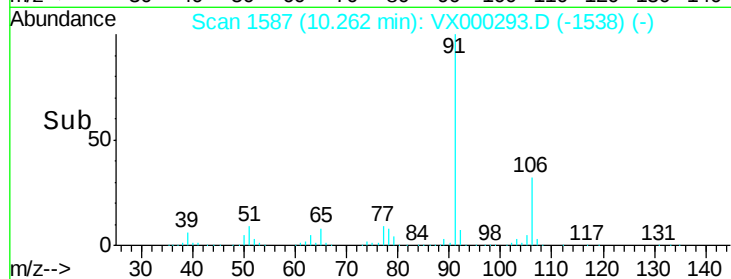
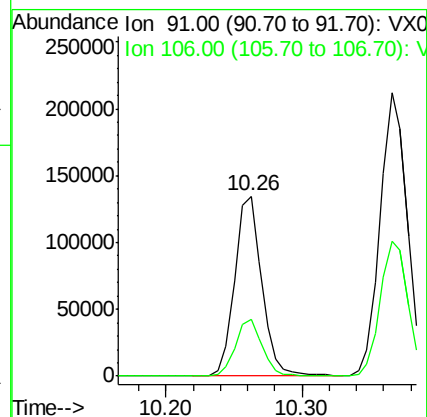
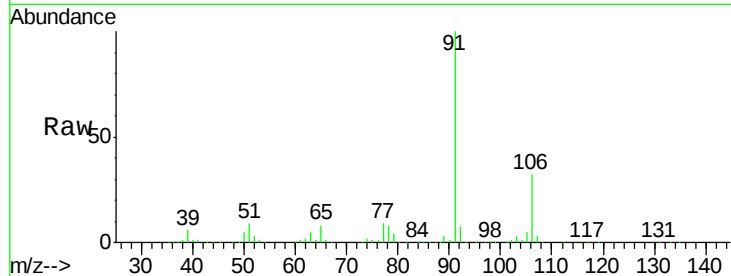




#67
Ethyl Benzene
Concen: 20.88 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

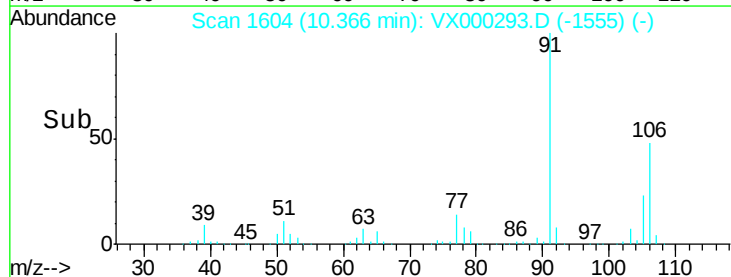
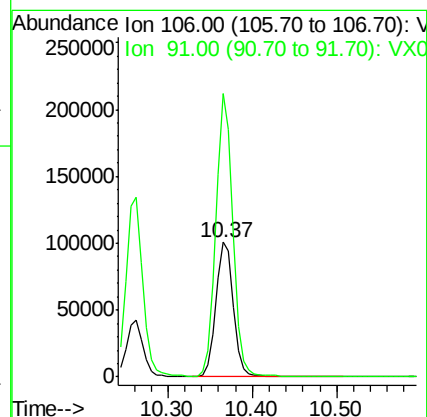
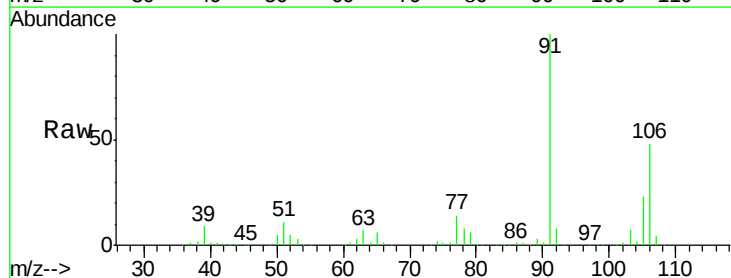
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion: 91 Resp: 186531
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 42.26 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion: 106 Resp: 145268
Ion Ratio Lower Upper
106 100
91 204.4 160.9 241.3

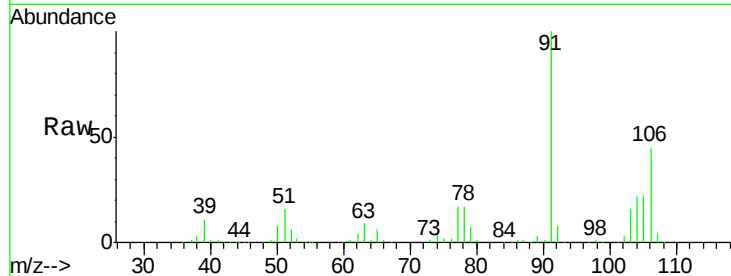




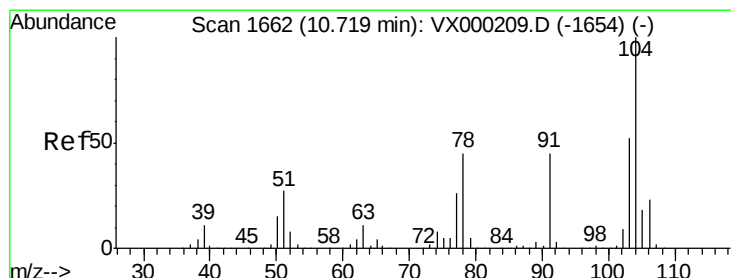
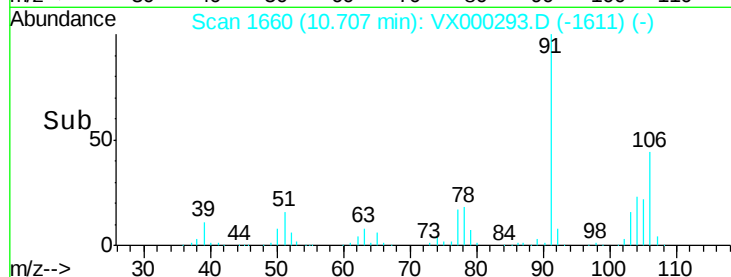
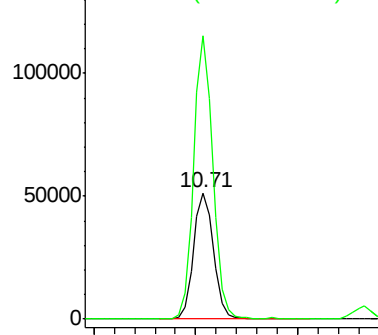
#69
o-Xylene
Concen: 21.32 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampled :
VX0313WBSD01

Tot Ion:106 Resp: 70439
Ion Ratio Lower Upper
106 100
91 214.4 105.9 317.7

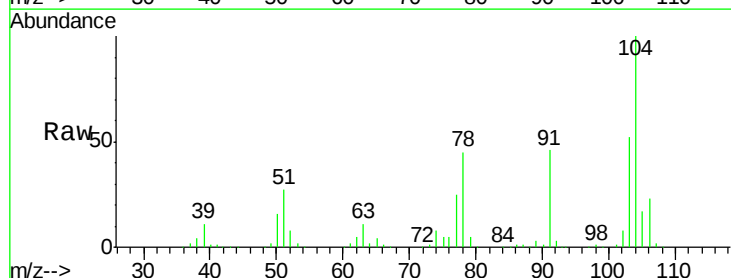


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

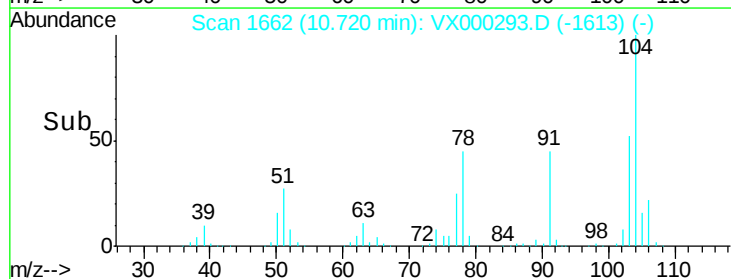
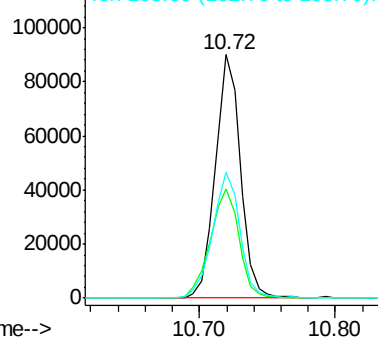


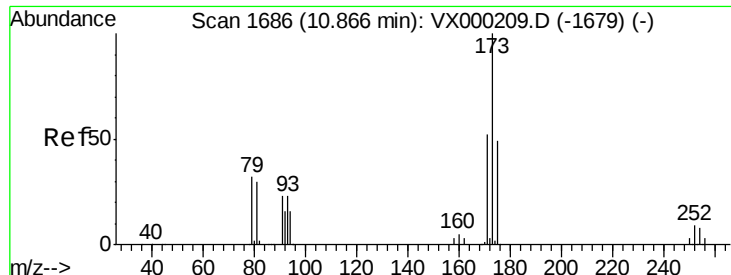
#70
Styrene
Concen: 21.28 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion:104 Resp: 116625
Ion Ratio Lower Upper
104 100
78 51.5 39.6 59.4
103 56.8 45.0 67.6



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

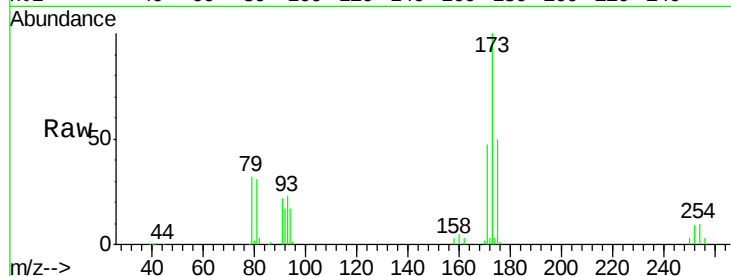




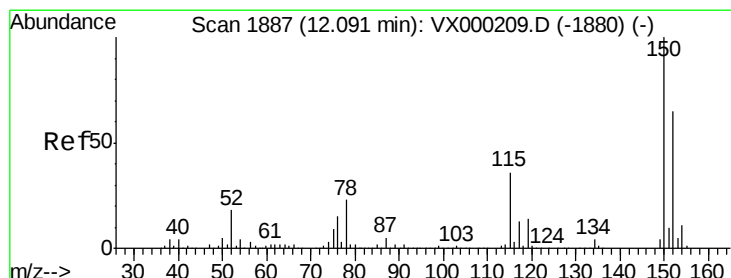
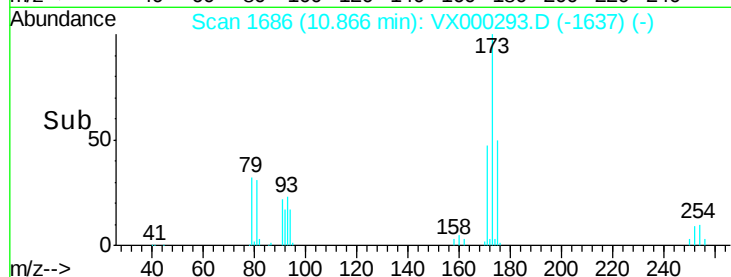
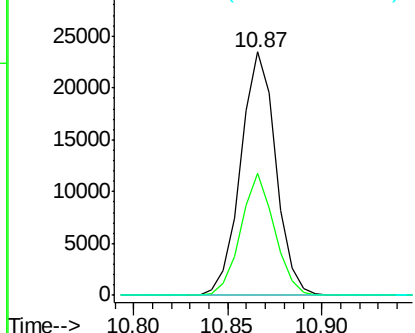
#71
Bromoform
Concen: 19.02 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

Tot Ion:173 Resp: 30284
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.2
254 0.0 0.2 0.2#

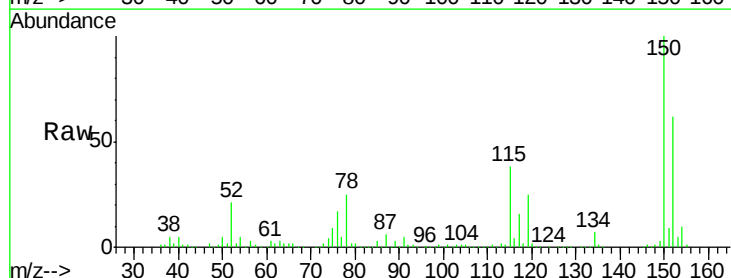


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

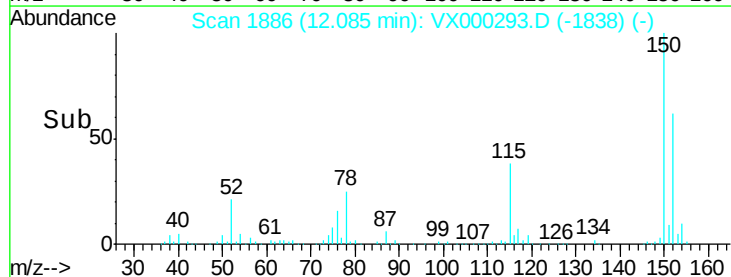
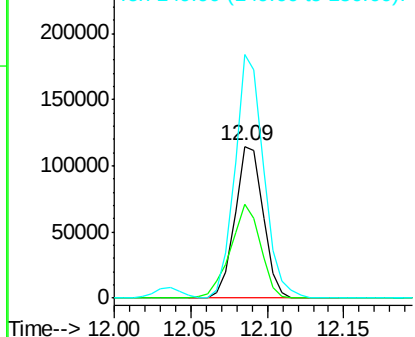


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion:152 Resp: 146137
Ion Ratio Lower Upper
152 100
115 66.4 39.8 119.3
150 163.8 0.0 345.0



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: 21.27 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

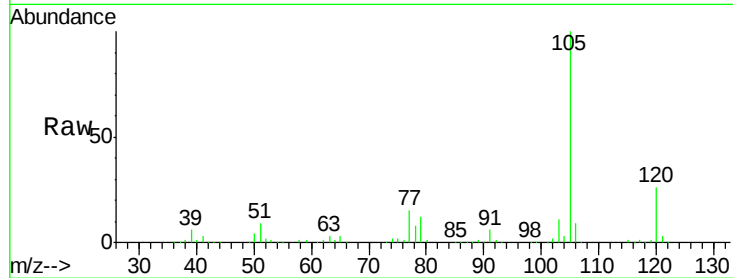
VX0313WBSD01

Tot Ion:105 Resp: 194634

Ion Ratio Lower Upper

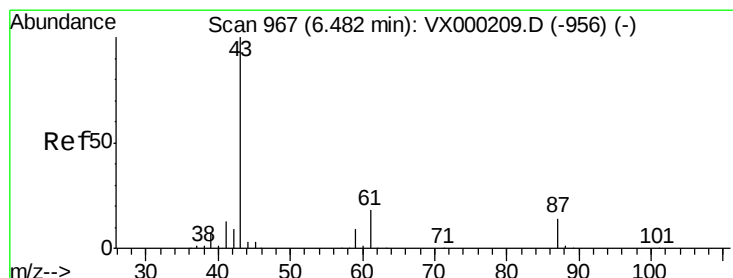
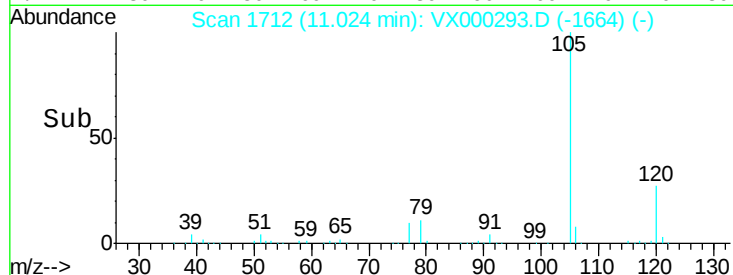
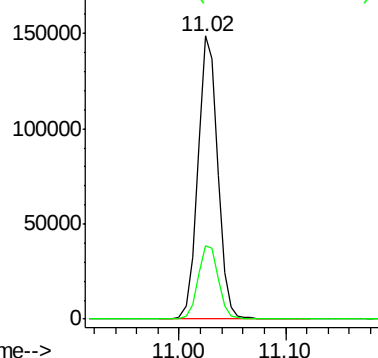
105 100

120 26.6 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: 20.66 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Tgt Ion: 43 Resp: 96695

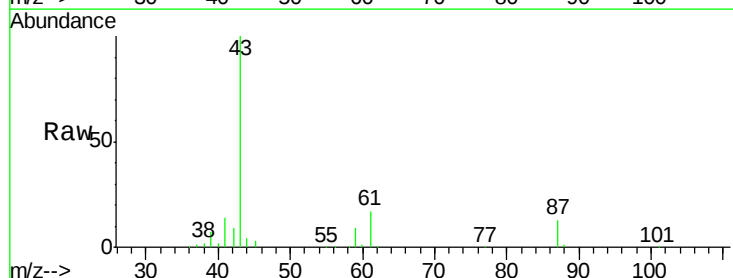
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.2 14.8 22.2

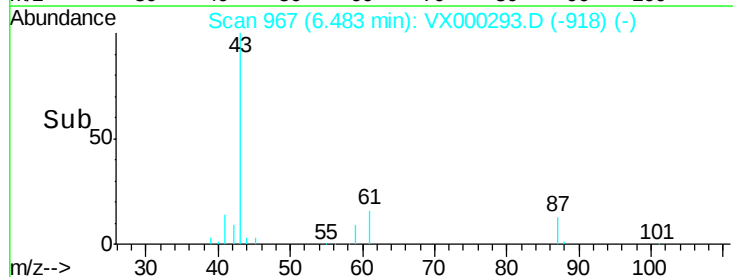
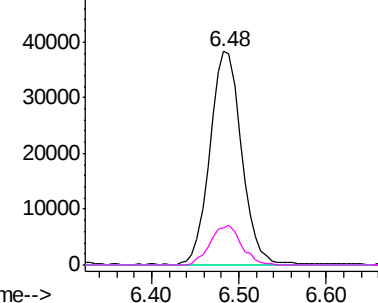


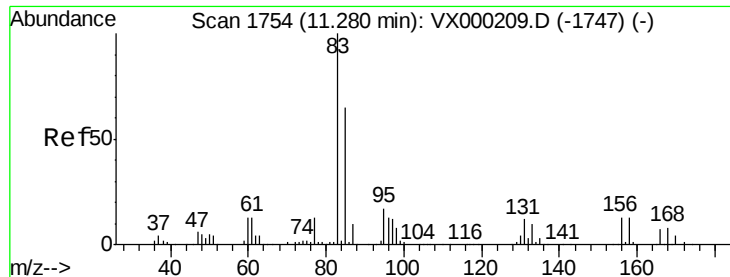
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.93 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

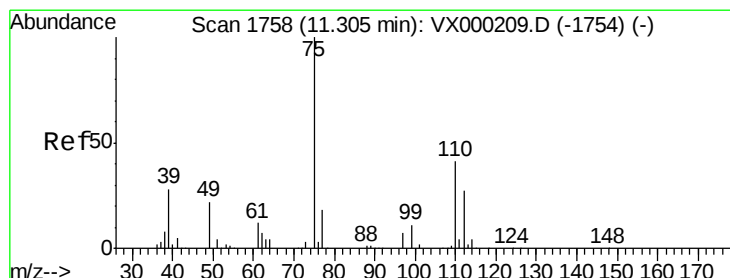
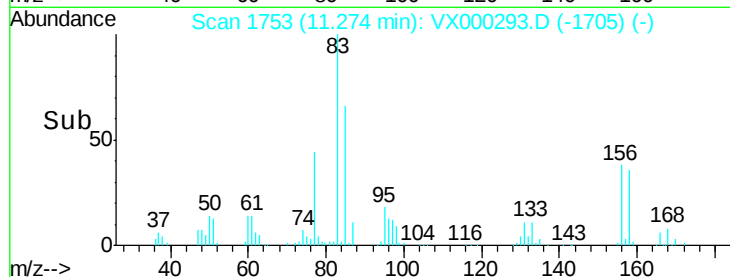
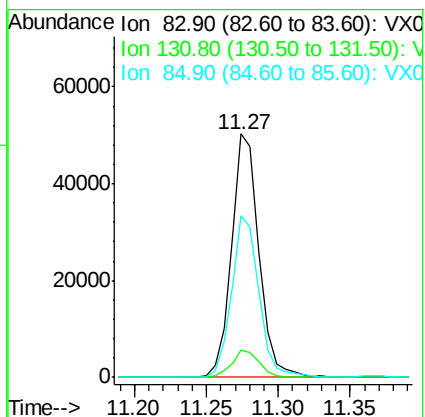
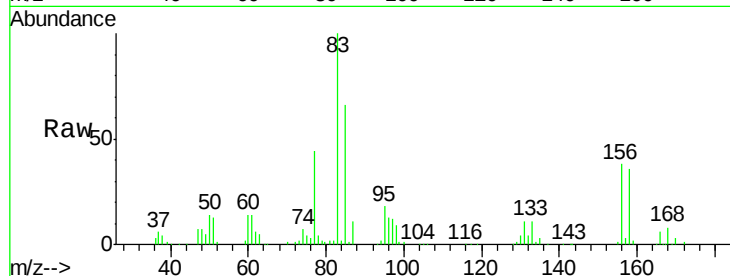
Tot Ion: 83 Resp: 67120

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

85 66.7 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 26.86 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000293.D

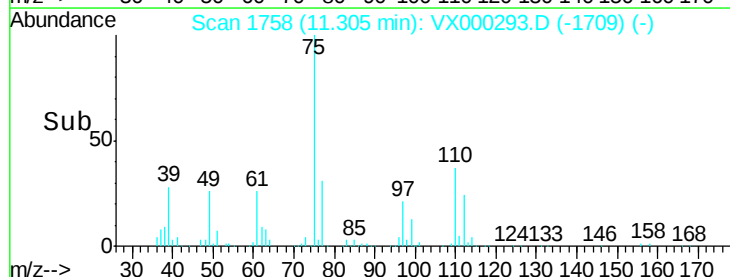
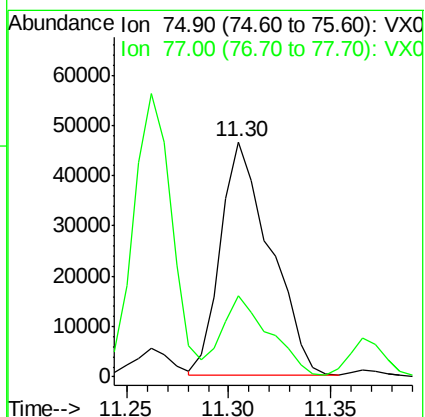
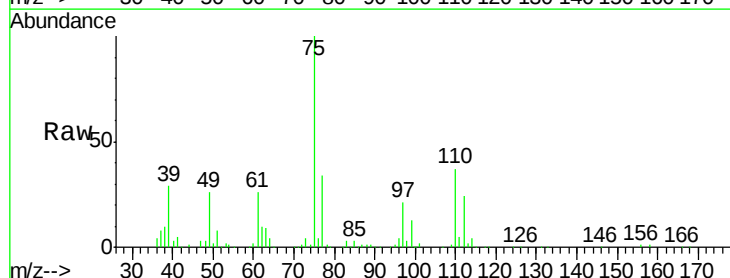
Acq: 13 Mar 2018 11:58

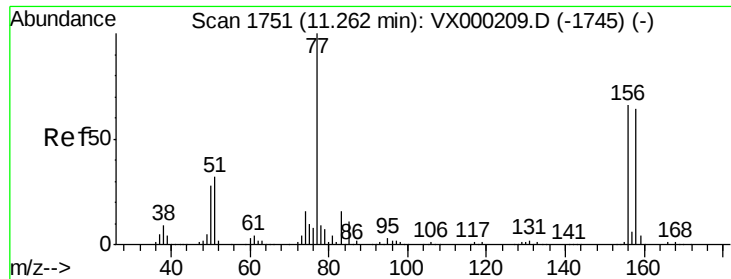
Tgt Ion: 75 Resp: 78698

Ion Ratio Lower Upper

75 100

77 33.4 22.3 66.8





#77

Bromobenzene

Concen: 21.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

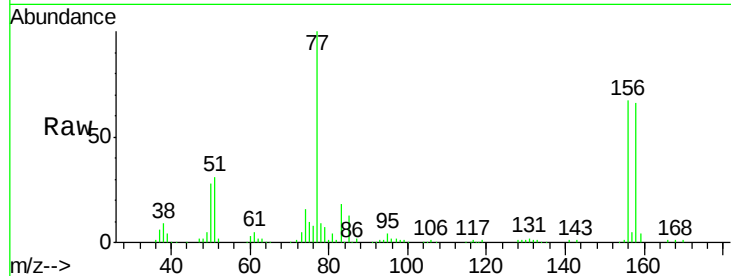
Tot Ion:156 Resp: 49968

Ion Ratio Lower Upper

156 100

77 147.4 71.9 215.7

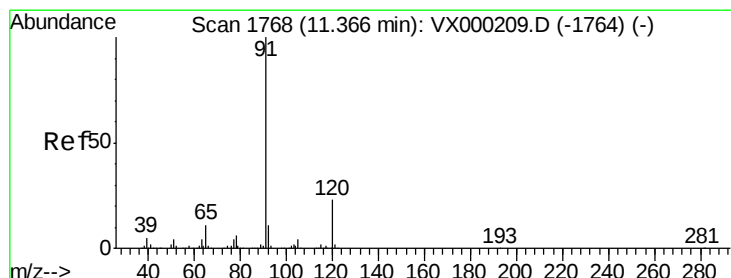
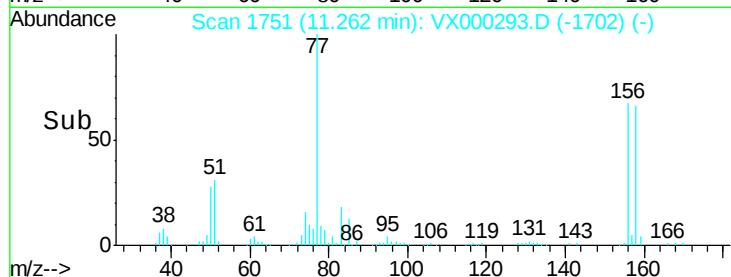
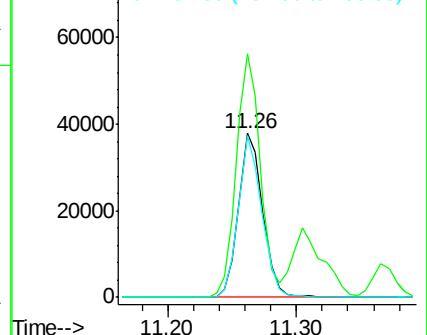
158 95.8 48.0 144.2



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: 20.85 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000293.D

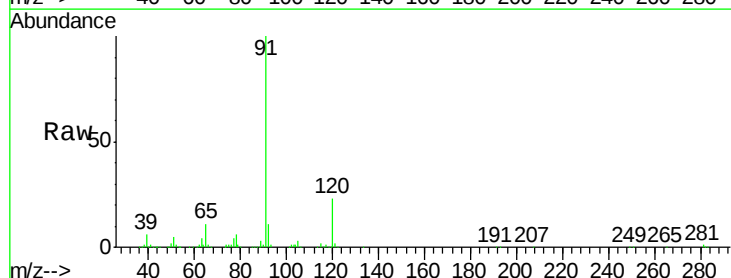
Acq: 13 Mar 2018 11:58

Tgt Ion: 91 Resp: 224488

Ion Ratio Lower Upper

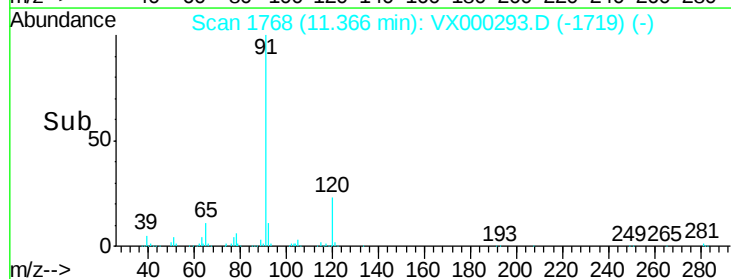
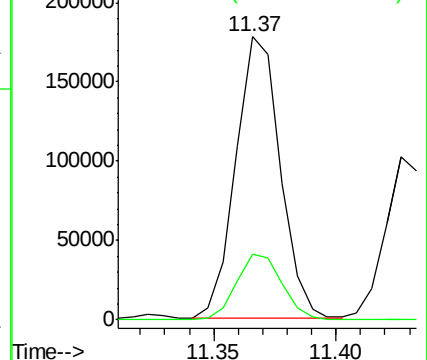
91 100

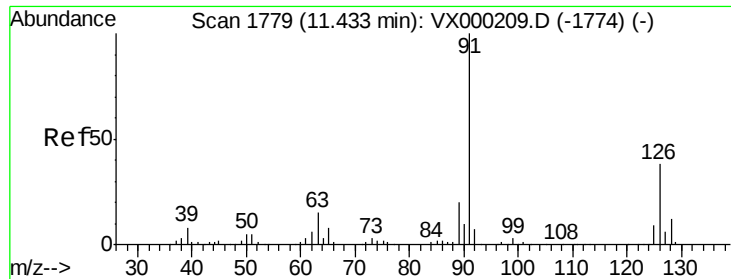
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

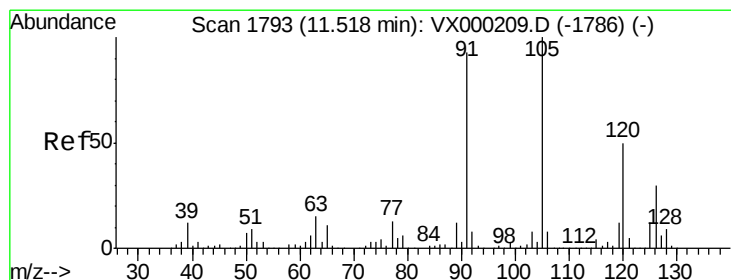
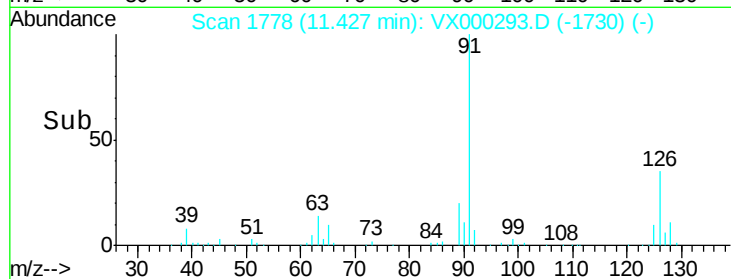
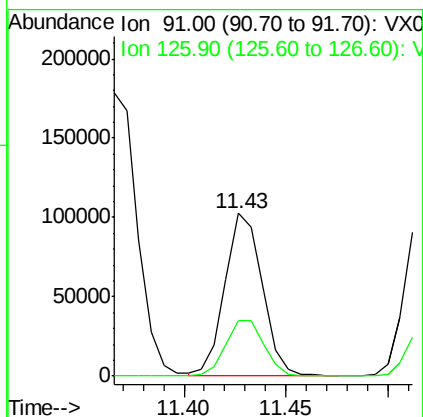
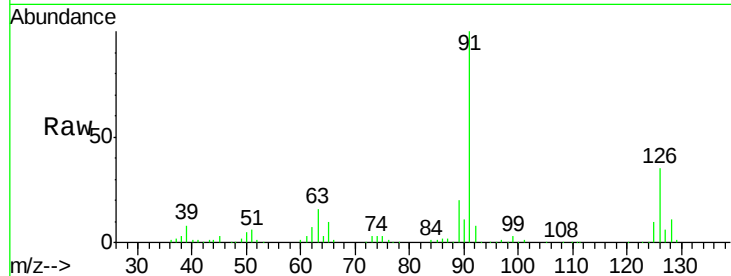




#79
 2-Chlorotoluene
 Concen: 21.21 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

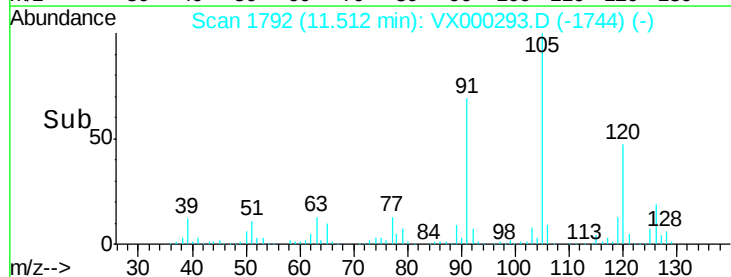
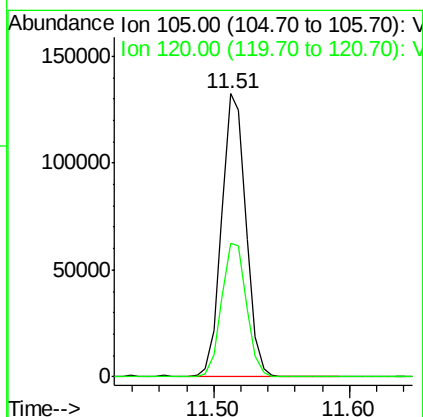
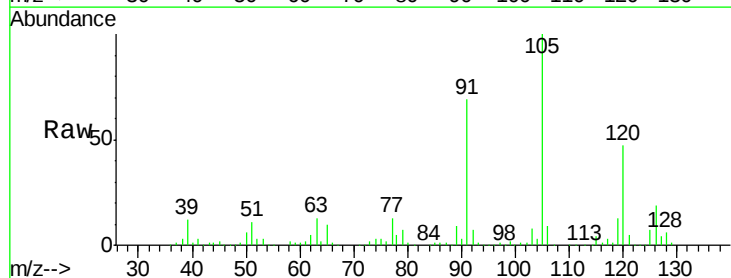
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

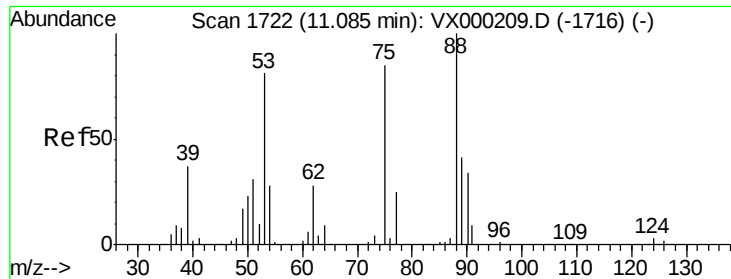
Tot Ion: 91 Resp: 128843
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 21.49 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion: 105 Resp: 164152
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.38 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

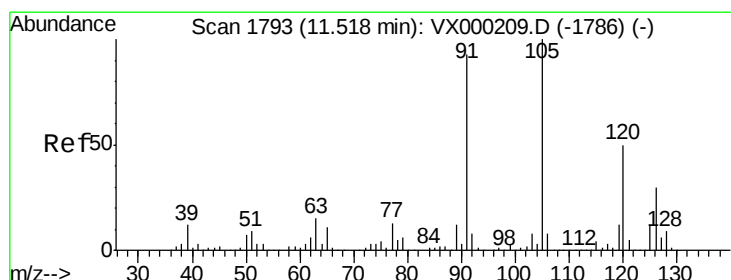
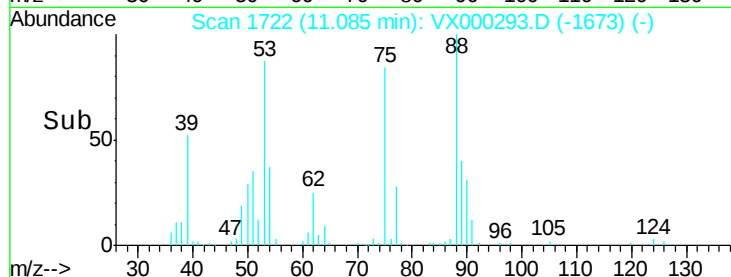
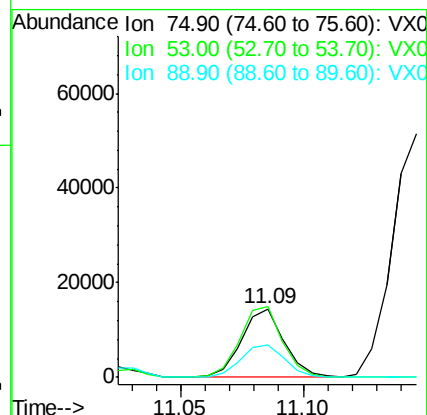
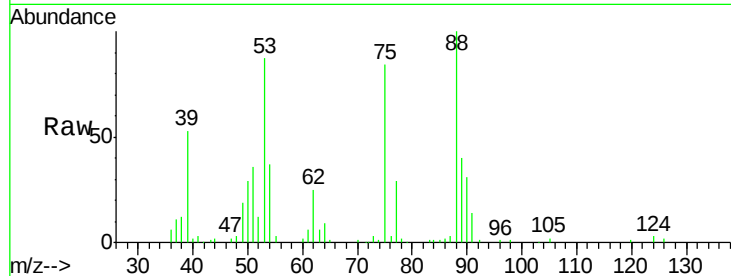
Tot Ion: 75 Resp: 17581

Ion Ratio Lower Upper

75 100

53 103.5 78.6 118.0

89 49.0 38.8 58.2



#82

4-Chlorotoluene

Concen: 21.76 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000293.D

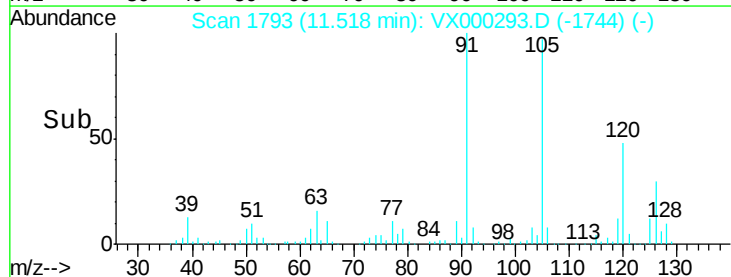
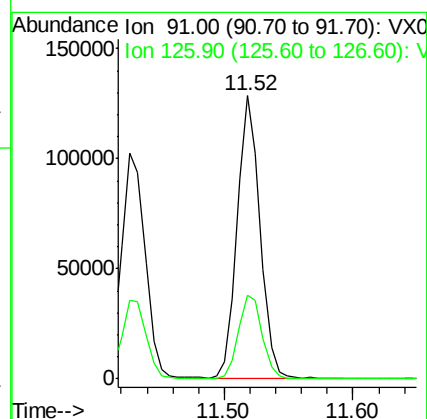
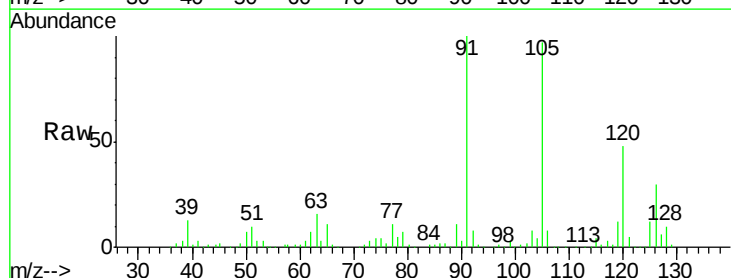
Acq: 13 Mar 2018 11:58

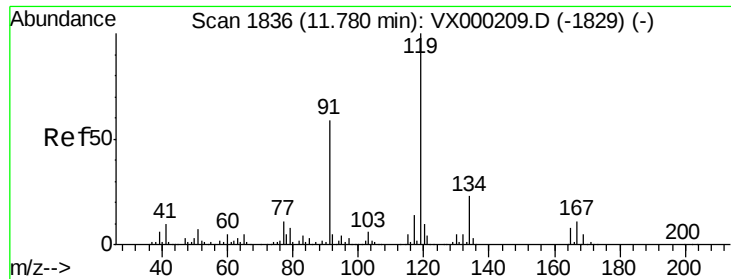
Tgt Ion: 91 Resp: 160743

Ion Ratio Lower Upper

91 100

126 30.6 16.0 48.0

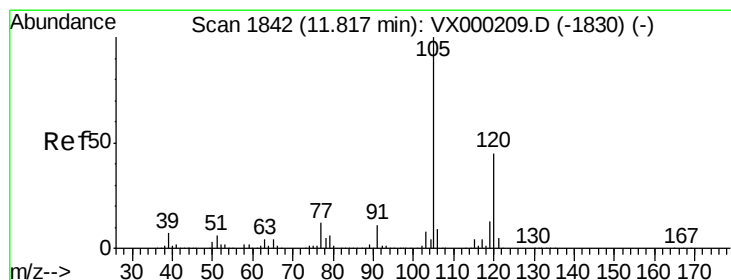
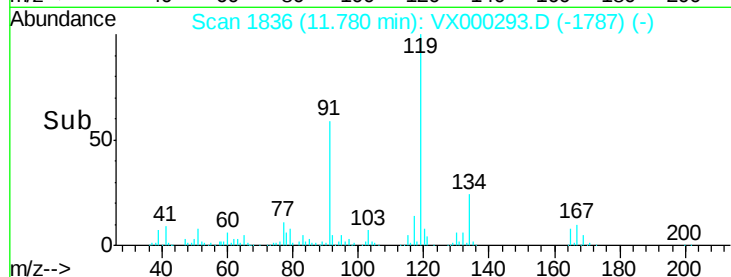
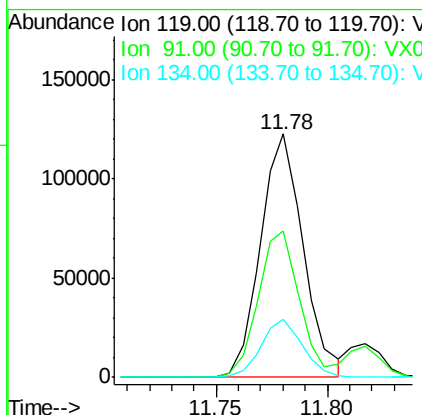
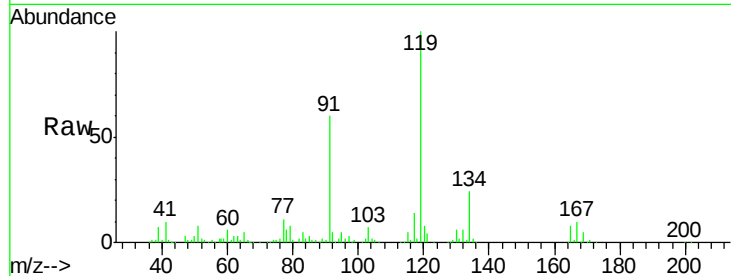




#83
tert-Butylbenzene
Concen: 22.04 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

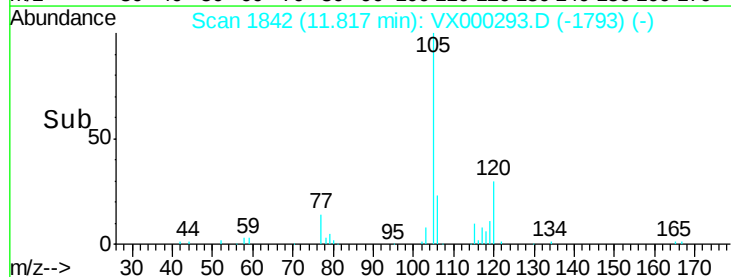
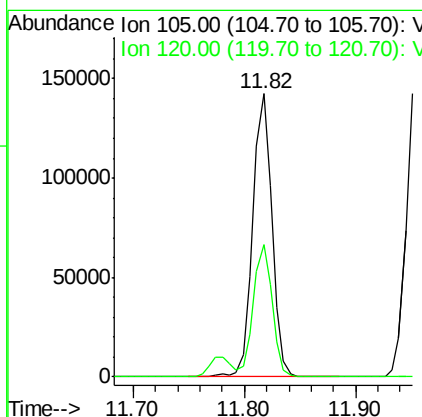
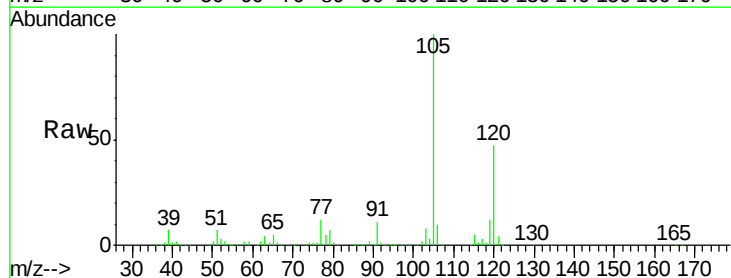
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBSD01

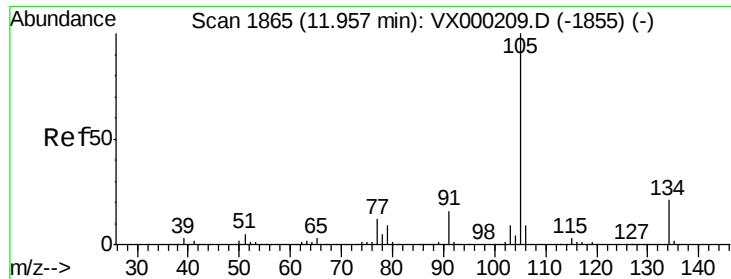
Tot Ion:119 Resp: 163809
Ion Ratio Lower Upper
119 100
91 57.3 28.9 86.7
134 23.1 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 21.77 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000293.D
Acq: 13 Mar 2018 11:58

Tgt Ion:105 Resp: 171009
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 21.48 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

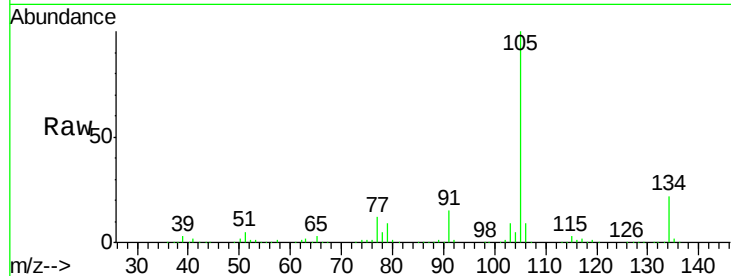
VX0313WBSD01

Tot Ion:105 Resp: 201944

Ion Ratio Lower Upper

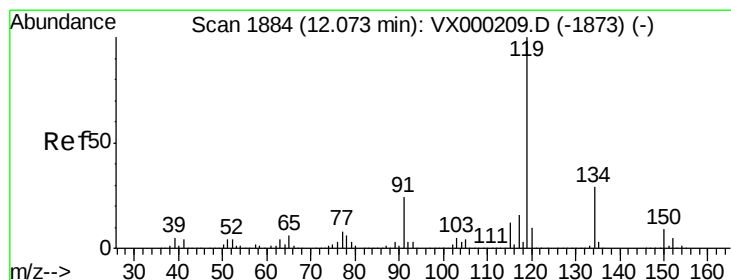
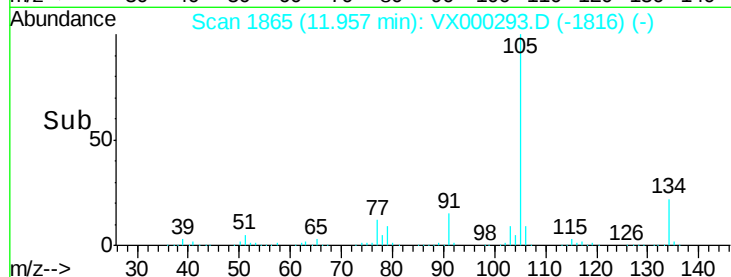
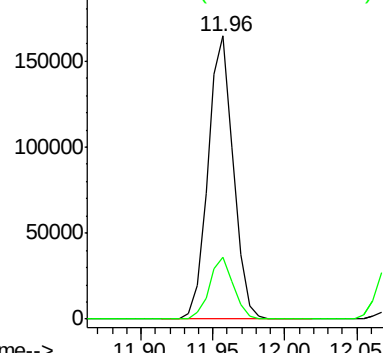
105 100

134 20.9 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.77 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

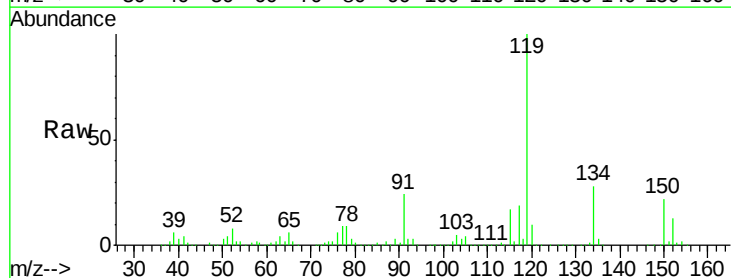
Tgt Ion:119 Resp: 180495

Ion Ratio Lower Upper

119 100

134 26.6 13.8 41.3

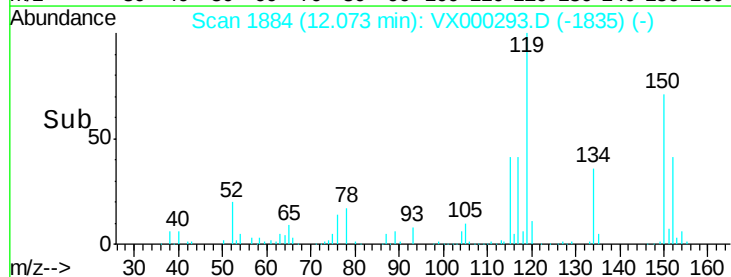
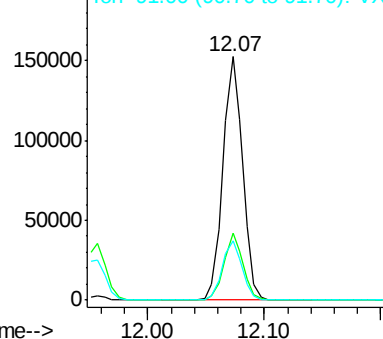
91 24.4 12.0 36.0

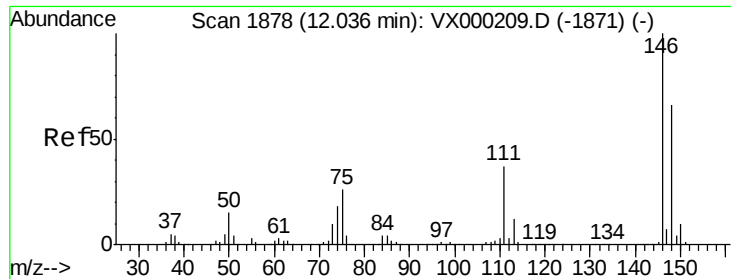


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

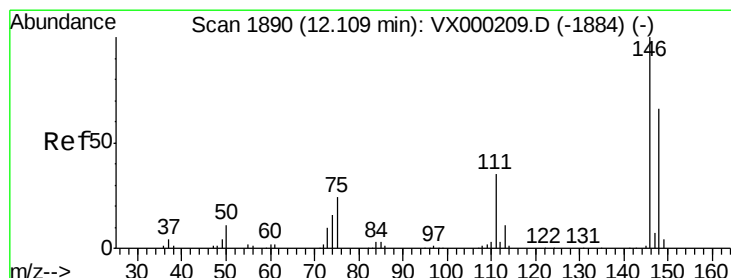
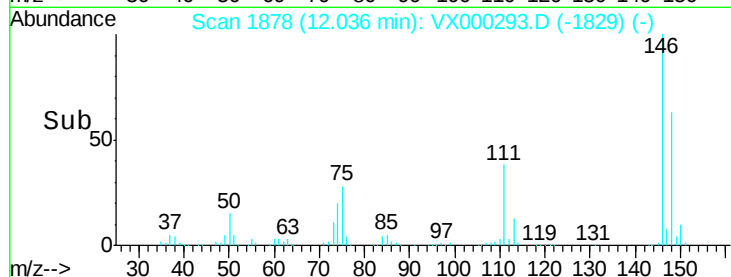
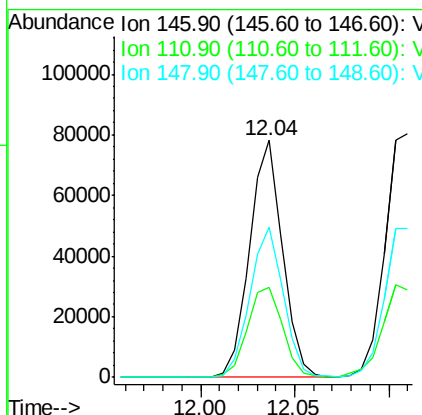
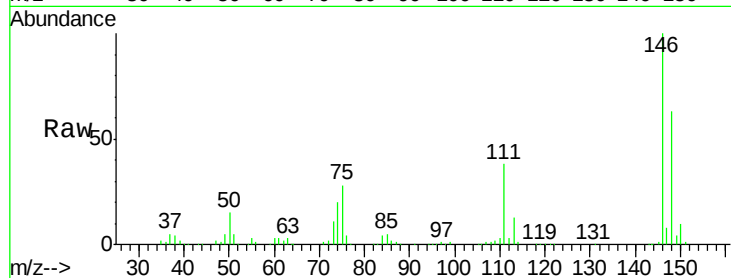




#87
 1,3-Dichlorobenzene
 Concen: 21.03 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

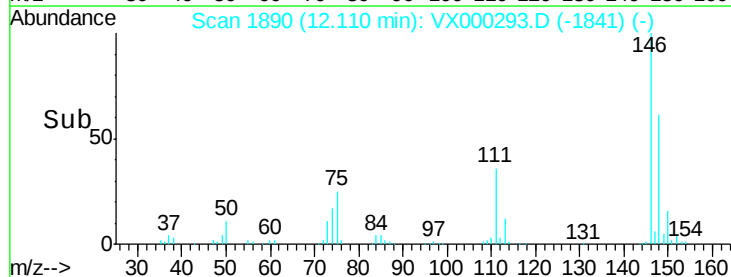
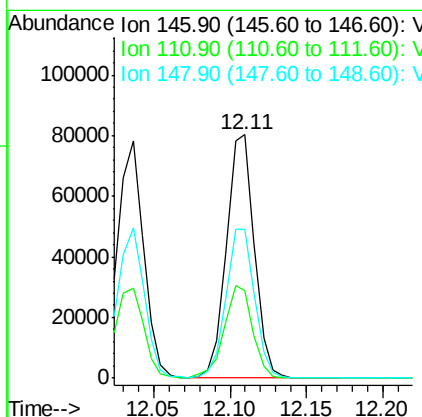
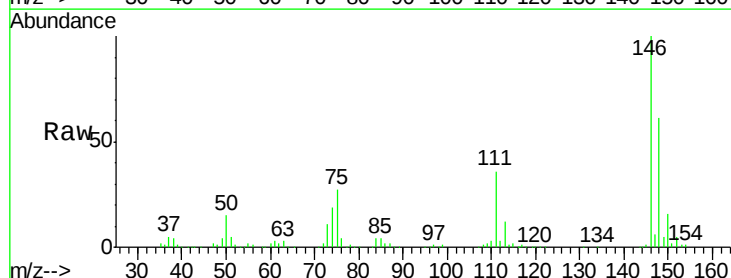
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

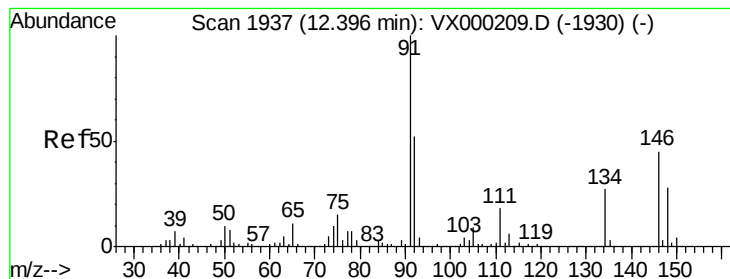
Tot Ion:146 Resp: 94600
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.0 57.0
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 21.51 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion:146 Resp: 101377
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.9 56.9
 148 63.1 32.6 97.8





#89

n-Butylbenzene

Concen: 21.05 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

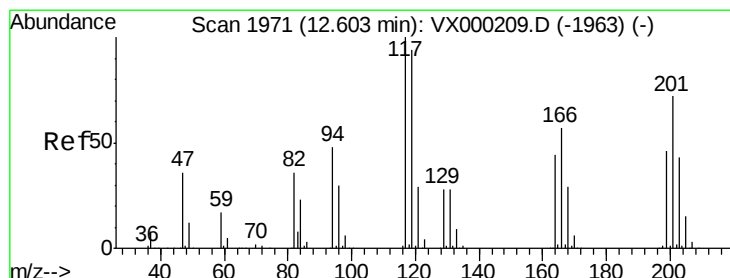
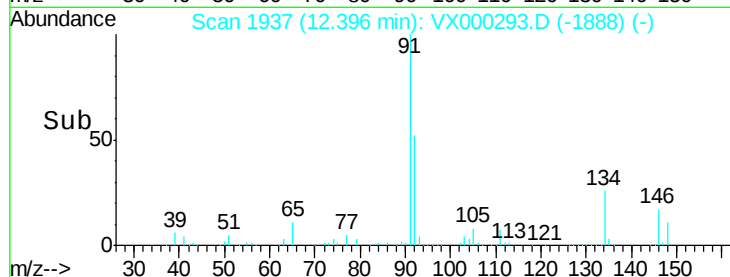
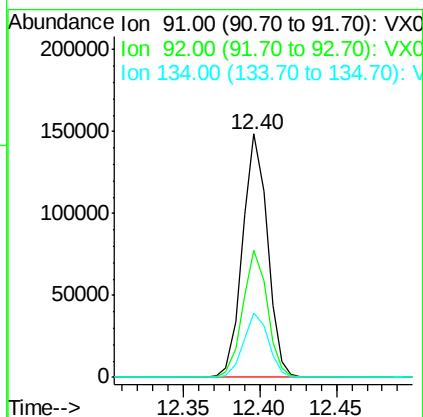
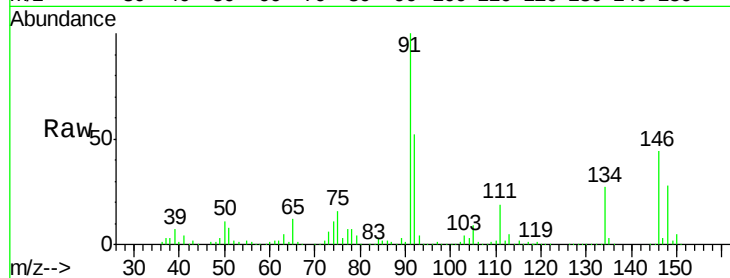
Tot Ion: 91 Resp: 168065

Ion Ratio Lower Upper

91 100

92 51.5 25.8 77.4

134 26.4 13.5 40.5



#90

Hexachloroethane

Concen: 19.87 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000293.D

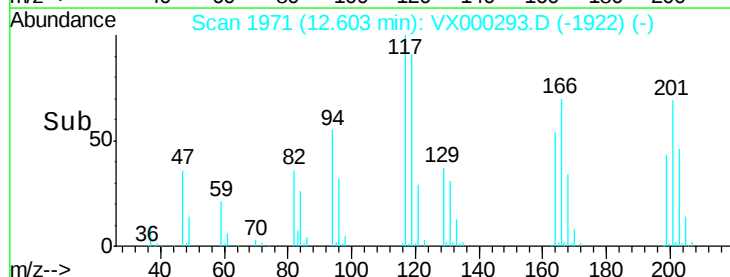
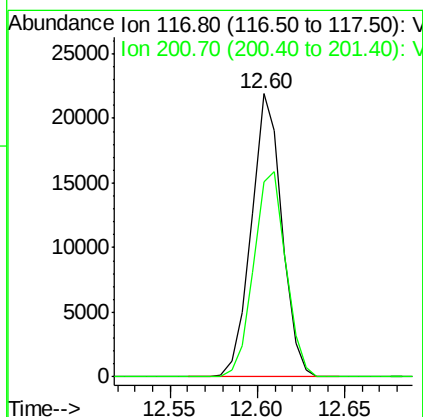
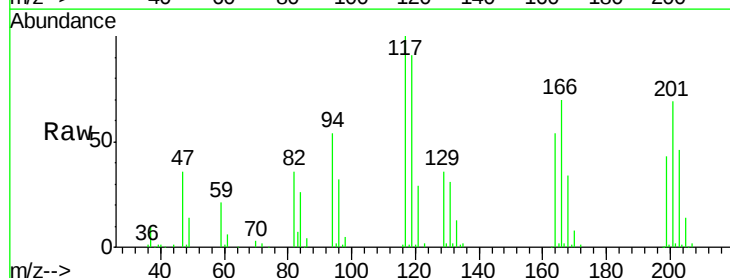
Acq: 13 Mar 2018 11:58

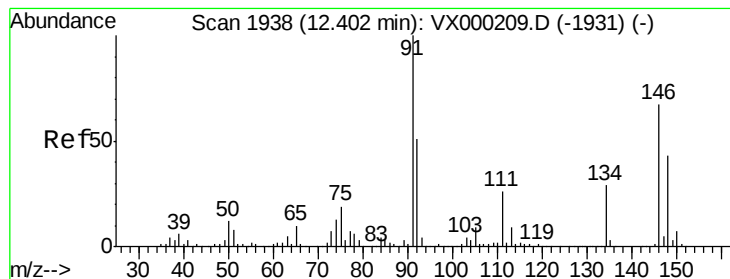
Tgt Ion: 117 Resp: 26538

Ion Ratio Lower Upper

117 100

201 76.6 38.2 114.6





#91

1,2-Dichlorobenzene

Concen: 21.65 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

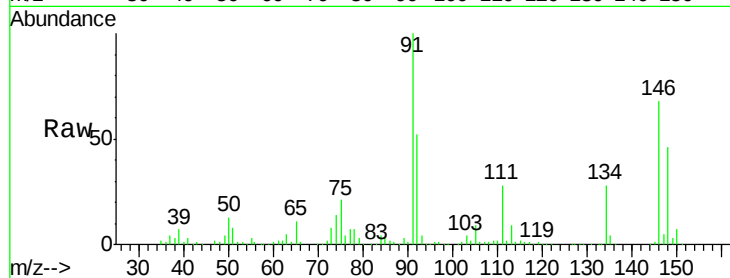
Tot Ion:146 Resp: 96407

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.0

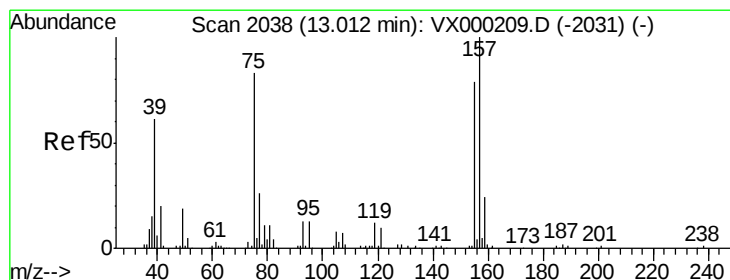
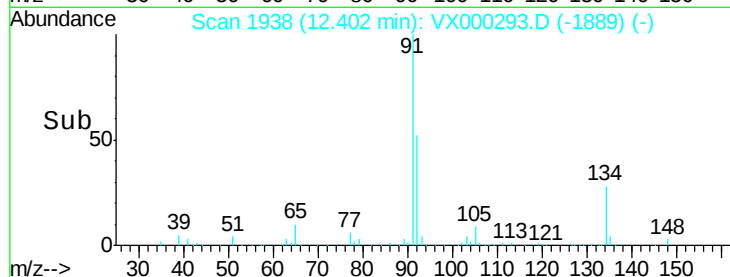
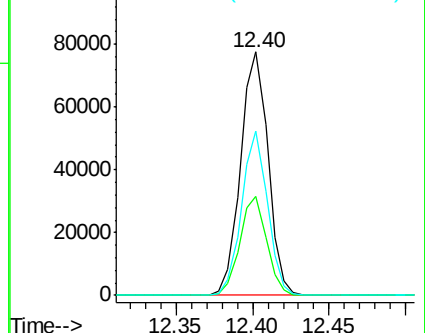
148 63.9 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.51 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

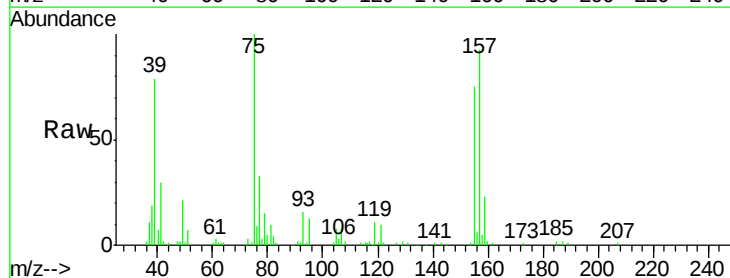
Tgt Ion: 75 Resp: 18471

Ion Ratio Lower Upper

75 100

155 88.9 45.5 136.5

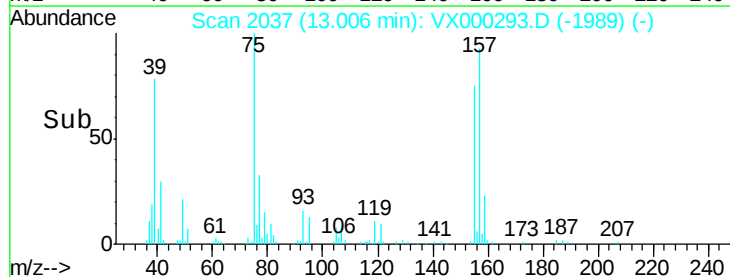
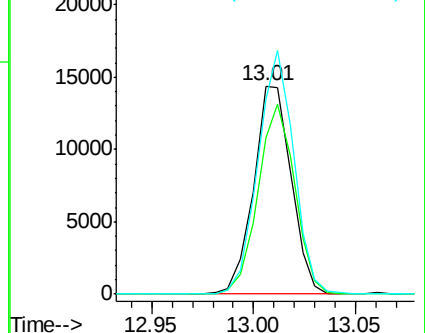
157 111.1 58.6 175.8

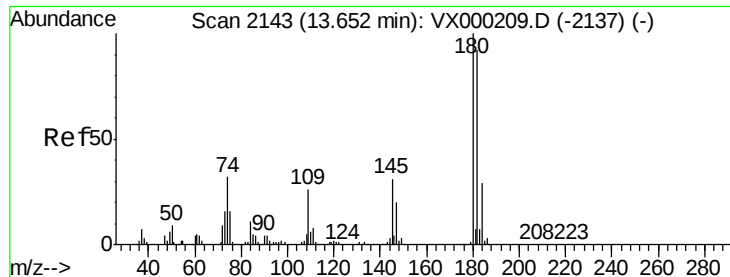


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

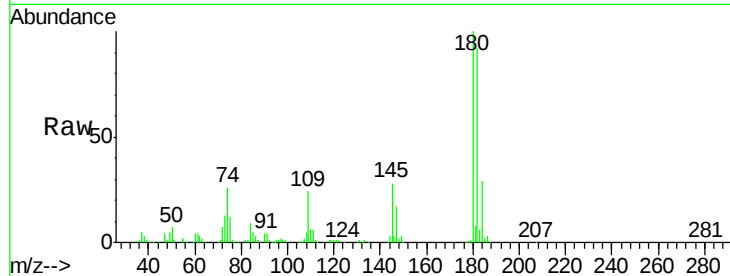




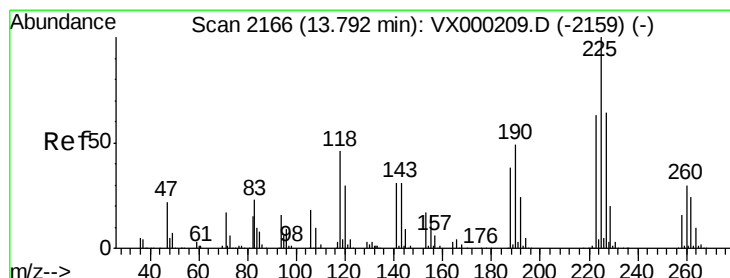
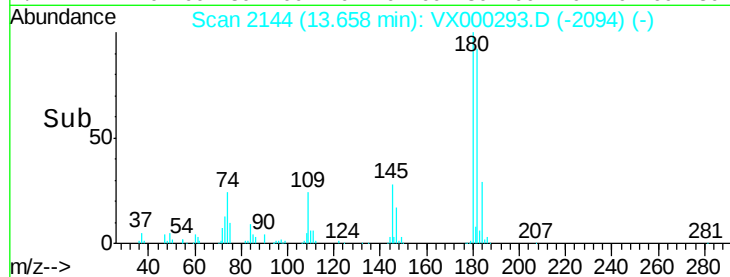
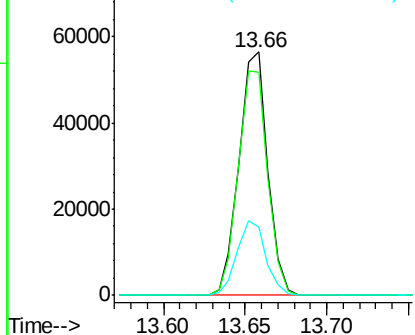
#93
 1,2,4-Trichlorobenzene
 Concen: 21.43 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBSD01

Tot Ion:180 Resp: 69427
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.0 141.0
 145 30.6 15.3 45.9

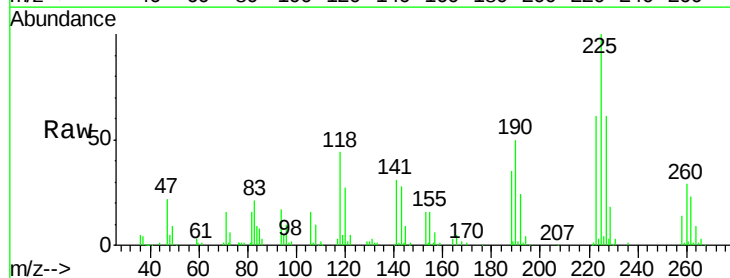


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

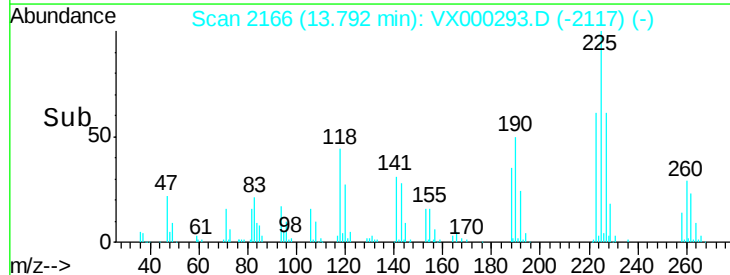
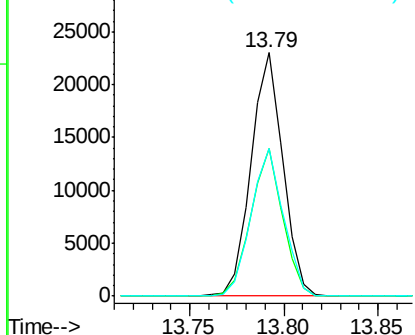


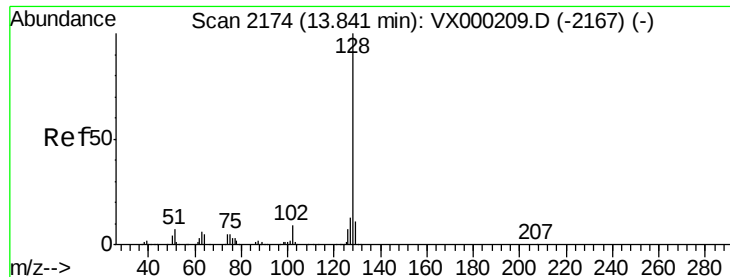
#94
 Hexachlorobutadiene
 Concen: 19.98 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000293.D
 Acq: 13 Mar 2018 11:58

Tgt Ion:225 Resp: 26931
 Ion Ratio Lower Upper
 225 100
 223 60.7 31.8 95.3
 227 61.9 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 21.57 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBSD01

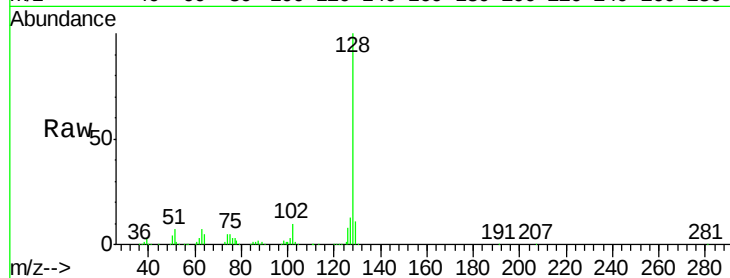
Tot Ion:128 Resp: 243860

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

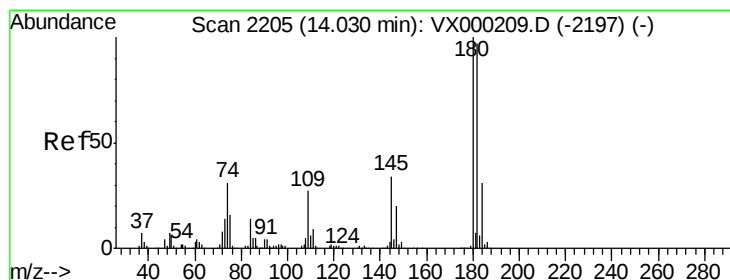
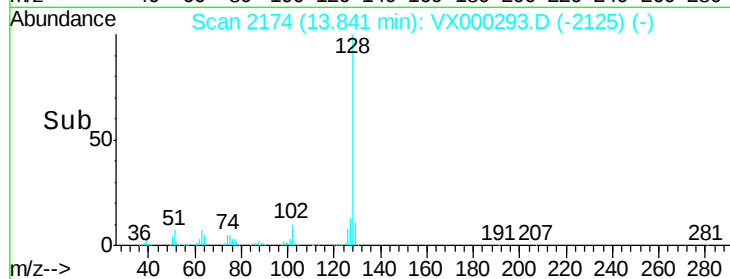
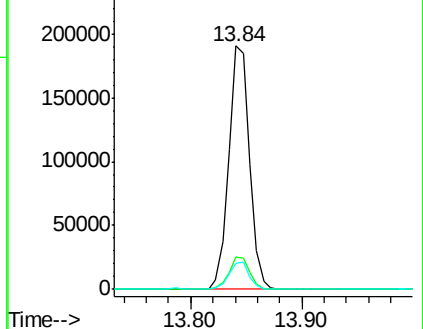
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.47 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000293.D

Acq: 13 Mar 2018 11:58

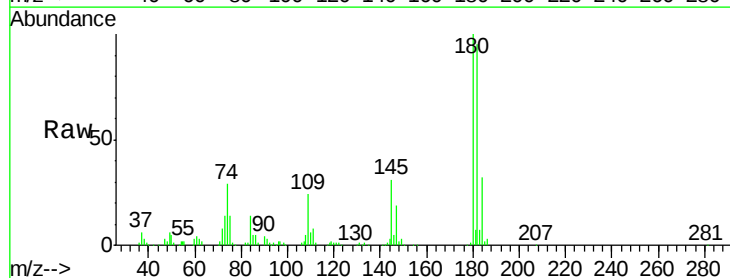
Tgt Ion:180 Resp: 68813

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.0

145 31.9 16.3 48.8



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

