

Data File : VX000316.D

Acq On : 14 Mar 2018 16:25

Operator : JC/MD

Sample : VSTDIC005

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Mar 15 01:30:49 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 01:30:01 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	105655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174930	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	91862	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	6964	6.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.38%	
35) Dibromofluoromethane	5.51	113	4927	4.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.88%	
50) Toluene-d8	8.73	98	20119	4.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.46%	
62) 4-Bromofluorobenzene	11.15	95	7478	4.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	5647	6.23	ug/l	95
3) Chloromethane	1.32	50	6316	6.40	ug/l	97
4) Vinyl Chloride	1.41	62	6671	6.49	ug/l	90
5) Bromomethane	1.64	94	8847	10.15	ug/l	92
6) Chloroethane	1.73	64	4643	8.09	ug/l	99
7) Trichlorofluoromethane	1.93	101	11674	6.77	ug/l	97
8) Diethyl Ether	2.20	74	3910	6.63	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	6028	6.11	ug/l	97
10) Methyl Iodide	2.52	142	4668	3.70	ug/l	94
11) Tert butyl alcohol	3.07	59	11911	29.37	ug/l	100
12) 1,1-Dichloroethene	2.38	96	5835	6.63	ug/l	91
13) Acrolein	2.30	56	5438	24.49	ug/l	97
14) Allyl chloride	2.73	41	10305	6.19	ug/l	98
15) Acrylonitrile	3.15	53	22370	32.21	ug/l	96
16) Acetone	2.45	43	22852	26.93	ug/l	96
17) Carbon Disulfide	2.57	76	16491	5.91	ug/l	96
18) Methyl Acetate	2.78	43	11067	6.52	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	20386	6.54	ug/l #	90
20) Methylene Chloride	2.86	84	6297	6.30	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	6392	6.53	ug/l	97
22) Diisopropyl ether	3.88	45	19503	6.89	ug/l	93
23) Vinyl Acetate	3.83	43	88674	35.28	ug/l	99
24) 1,1-Dichloroethane	3.71	63	11221	6.87	ug/l	97
25) 2-Butanone	4.72	43	28316	25.06	ug/l	95
26) 2,2-Dichloropropane	4.60	77	7431	5.16	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	6007	5.92	ug/l	90
28) Bromochloromethane	5.03	49	3946	5.13	ug/l	96
29) Tetrahydrofuran	5.18	42	17471	25.20	ug/l	99
30) Chloroform	5.23	83	9373	5.47	ug/l #	83
31) Cyclohexane	5.58	56	8256	5.54	ug/l #	82
32) 1,1,1-Trichloroethane	5.50	97	8085	5.07	ug/l	93
36) 1,1-Dichloropropene	5.82	75	8153	5.26	ug/l	98
37) Ethyl Acetate	4.87	43	10547	4.88	ug/l	99
38) Carbon Tetrachloride	5.79	117	7285	4.30	ug/l #	93

Data File : VX000316.D

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Sample : VSTDIC005

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Mar 15 01:30:49 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 01:30:01 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	9051	4.64	ug/l #	92
40) Benzene	6.15	78	20103	4.57	ug/l #	77
41) Methacrylonitrile	5.07	41	5318	4.68	ug/l	98
42) 1,2-Dichloroethane	6.21	62	8430	5.28	ug/l	100
43) Isopropyl Acetate	6.48	43	13833	4.31	ug/l	98
44) Trichloroethene	7.22	130	6484	4.67	ug/l	95
45) 1,2-Dichloropropane	7.52	63	4959	4.38	ug/l	91
46) Dibromomethane	7.67	93	4226	5.00	ug/l	100
47) Bromodichloromethane	7.90	83	7177	4.49	ug/l	93
48) Methyl methacrylate	7.79	41	7032	4.43	ug/l	95
49) 1,4-Dioxane	7.77	88	3094	77.22	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	53025	23.30	ug/l	99
52) Toluene	8.79	92	14478	4.92	ug/l	96
53) t-1,3-Dichloropropene	8.45	75	7751	4.06	ug/l	93
54) cis-1,3-Dichloropropene	9.05	75	7194	3.85	ug/l	92
55) 1,1,2-Trichloroethane	9.23	97	5559	4.56	ug/l	89
56) Ethyl methacrylate	9.19	69	7571	3.89	ug/l	91
57) 1,3-Dichloropropane	9.38	76	9904	5.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	15483	17.06	ug/l	97
59) 2-Hexanone	9.51	43	43650	22.32	ug/l	98
60) Dibromochloromethane	9.59	129	5207	3.64	ug/l	93
61) 1,2-Dibromoethane	9.68	107	6001	4.47	ug/l	99
64) Tetrachloroethene	9.34	164	6081	4.21	ug/l	95
65) Chlorobenzene	10.15	112	16077	4.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	5475	4.12	ug/l	98
67) Ethyl Benzene	10.26	91	28183	4.70	ug/l	98
68) m/p-Xylenes	10.37	106	20947	8.84	ug/l	100
69) o-Xylene	10.71	106	10343	4.52	ug/l	94
70) Styrene	10.72	104	15835	4.12	ug/l	98
71) Bromoform	10.87	173	3881	2.77	ug/l #	94
73) Isopropylbenzene	11.02	105	27209	4.92	ug/l	98
74) N-amyl acetate	6.48	43	13833	4.74	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	9331	4.80	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	11085	4.69	ug/l	85
77) Bromobenzene	11.26	156	7316	4.65	ug/l	97
78) n-propylbenzene	11.37	91	32936	5.06	ug/l	97
79) 2-Chlorotoluene	11.43	91	18642	4.98	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	22864	4.84	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	2259	3.32	ug/l #	80
82) 4-Chlorotoluene	11.52	91	23230	5.11	ug/l	99
83) tert-Butylbenzene	11.78	119	21676	4.50	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	22765	4.64	ug/l	98
85) sec-Butylbenzene	11.95	105	28538	4.89	ug/l	99
86) p-Isopropyltoluene	12.07	119	24092	4.44	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	14115	4.66	ug/l	95
88) 1,4-Dichlorobenzene	12.11	146	14606	4.63	ug/l	94
89) n-Butylbenzene	12.40	91	23715	4.72	ug/l	99
90) Hexachloroethane	12.61	117	3450	3.96	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	13168	4.49	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2436	4.06	ug/l	90

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031418\
Quantitation Report (Not Reviewed)

Data File : VX000316.D
Acq On : 14 Mar 2018 16:25
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Mar 15 01:30:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 01:30:01 2018
Response via : Initial Calibration

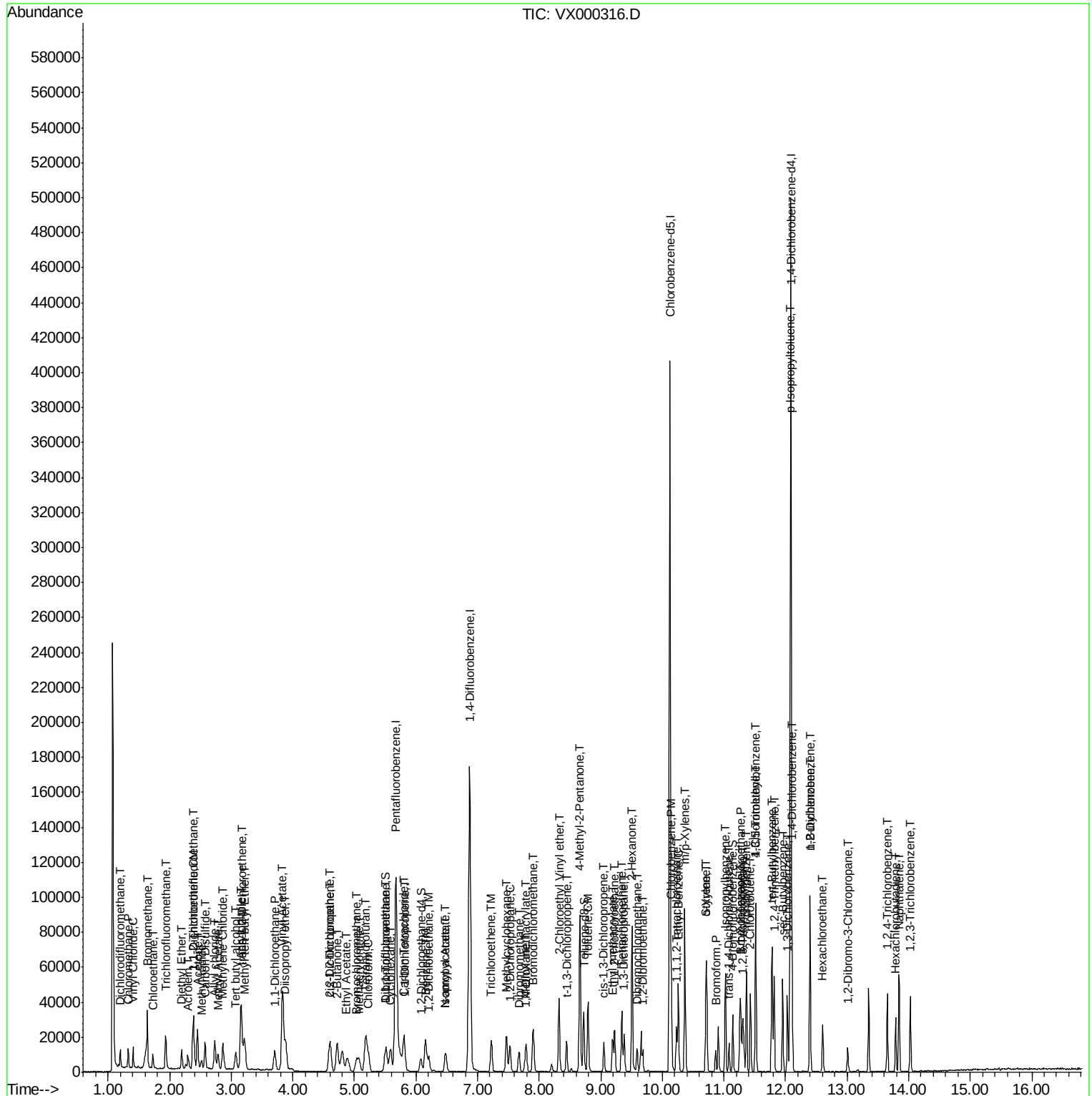
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	9673	3.82	ug/l	99
94) Hexachlorobutadiene	13.79	225	4207	3.14	ug/l	87
95) Naphthalene	13.84	128	32020	4.31	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	9664	3.94	ug/l	98

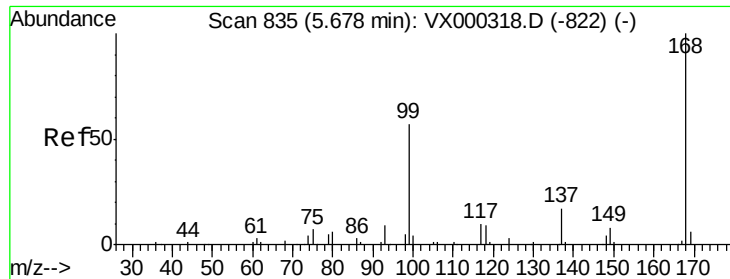
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 3 Sample Multiplier: 1

VSTDICC005

Response via : Initial Calibration

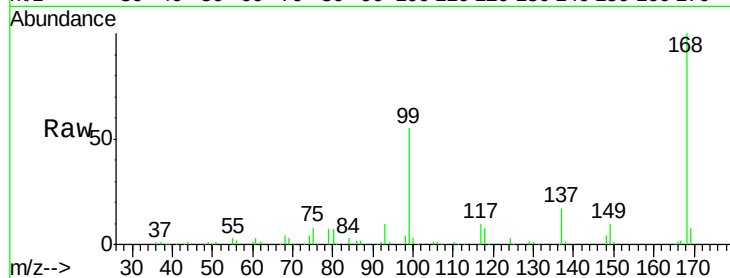




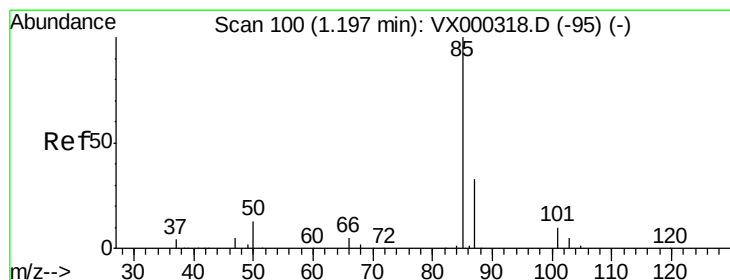
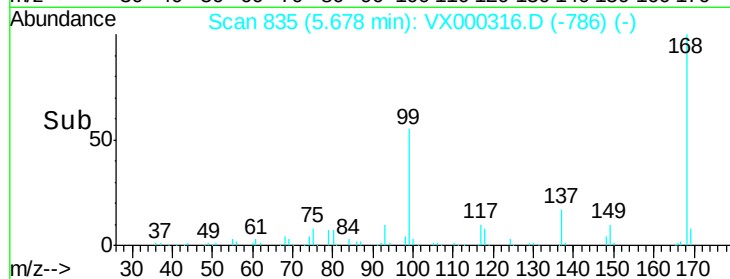
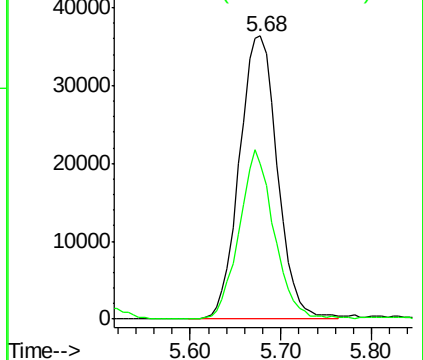
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 168 Resp: 105655
Ion Ratio Lower Upper
168 100
99 54.9 45.8 68.6

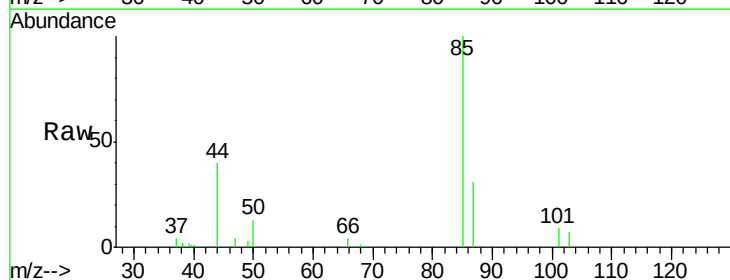


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0

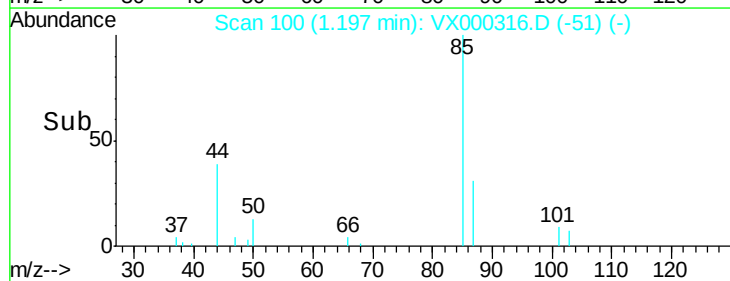
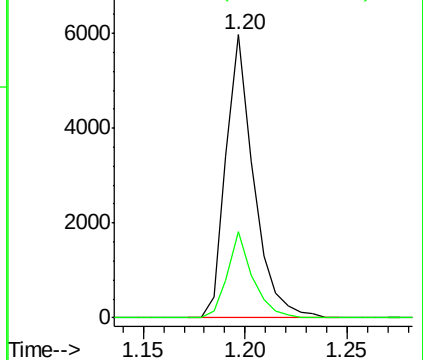


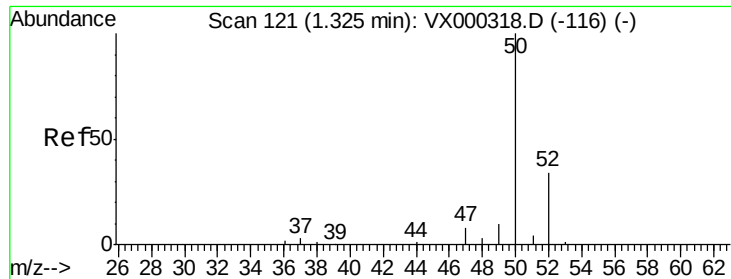
#2
Dichlorodifluoromethane
Concen: 6.23 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion: 85 Resp: 5647
Ion Ratio Lower Upper
85 100
87 30.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0
Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 6.40 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

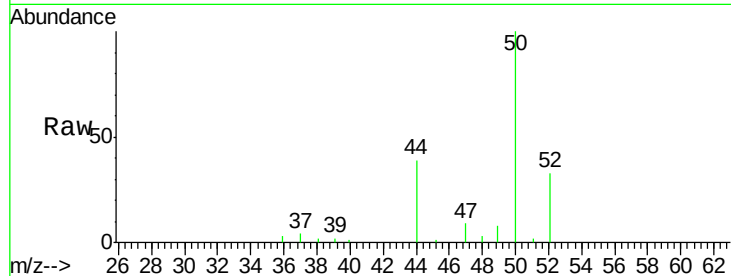
VSTDIC005

Tgt Ion: 50 Resp: 6316

Ion Ratio Lower Upper

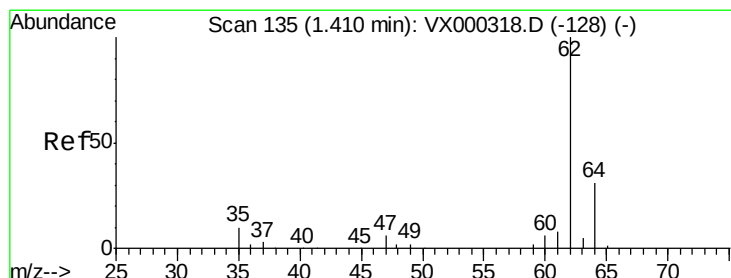
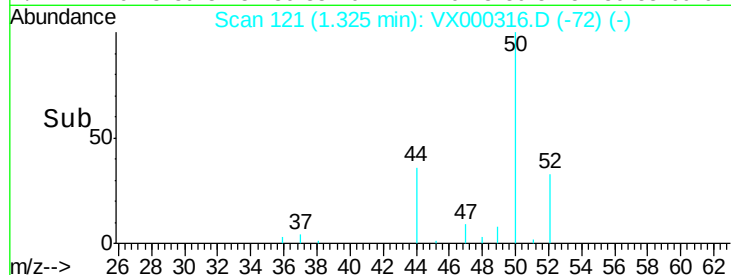
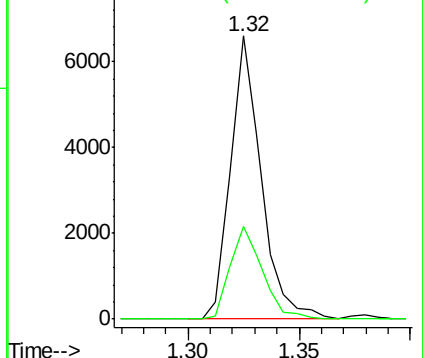
50 100

52 32.9 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 6.49 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000316.D

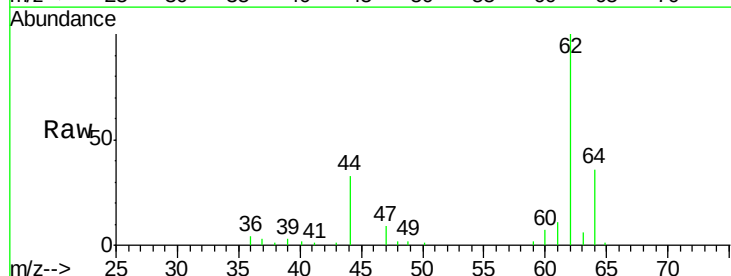
Acq: 14 Mar 2018 16:25

Tgt Ion: 62 Resp: 6671

Ion Ratio Lower Upper

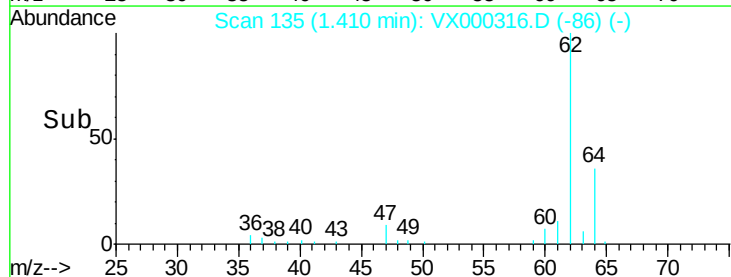
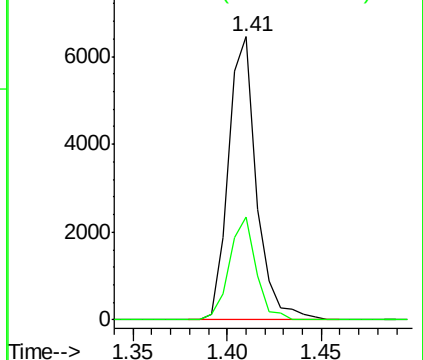
62 100

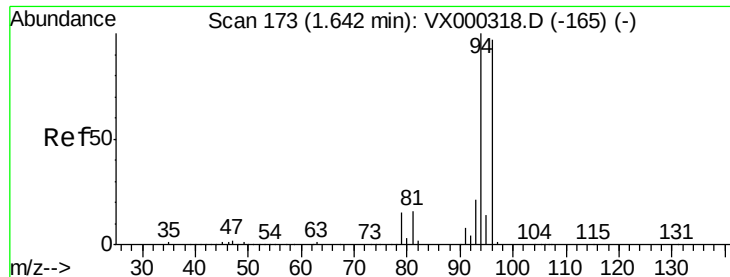
64 36.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 10.15 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

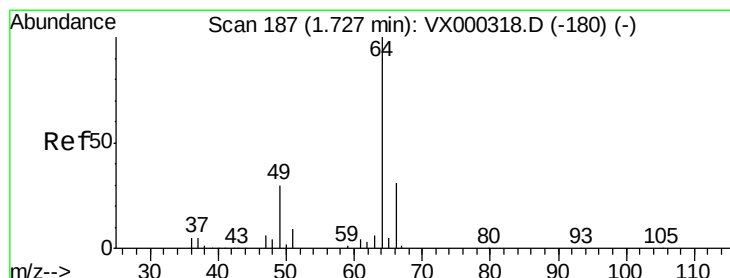
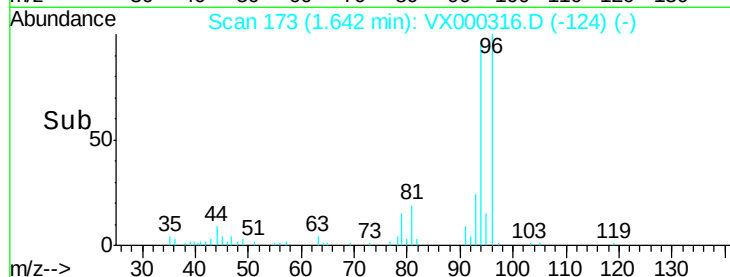
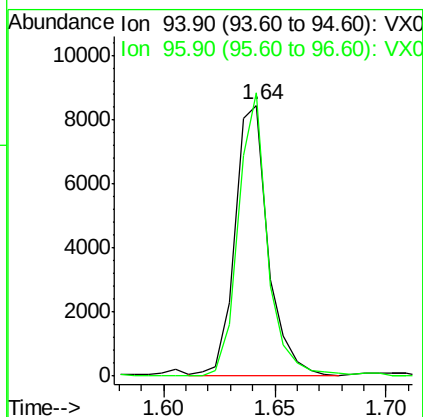
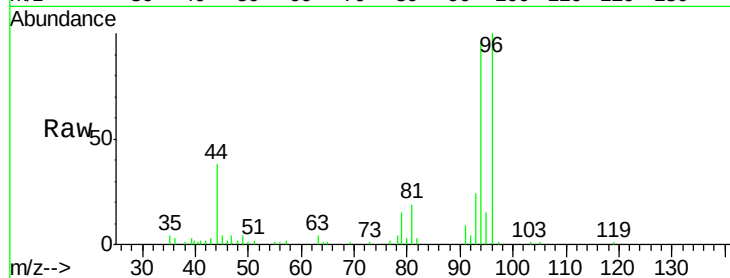
VSTDIC005

Tgt Ion: 94 Resp: 8847

Ion Ratio Lower Upper

94 100

96 104.5 77.7 116.5



#6

Chloroethane

Concen: 8.09 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000316.D

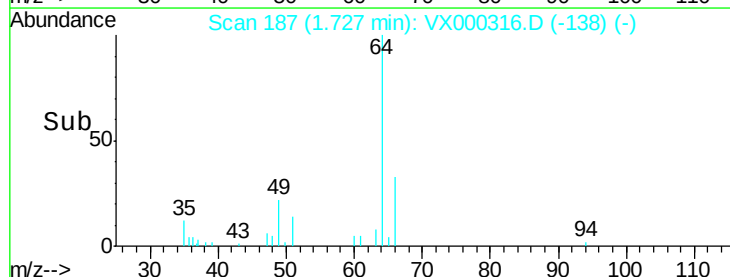
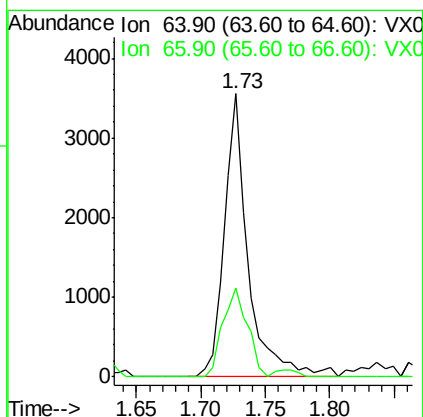
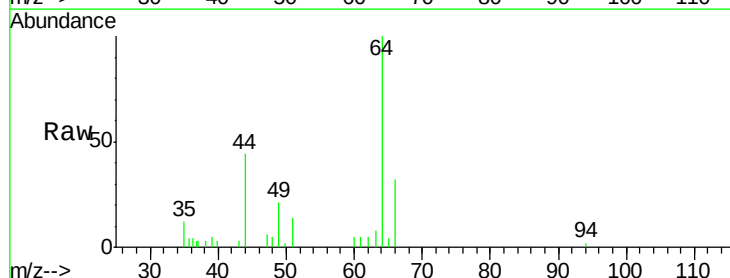
Acq: 14 Mar 2018 16:25

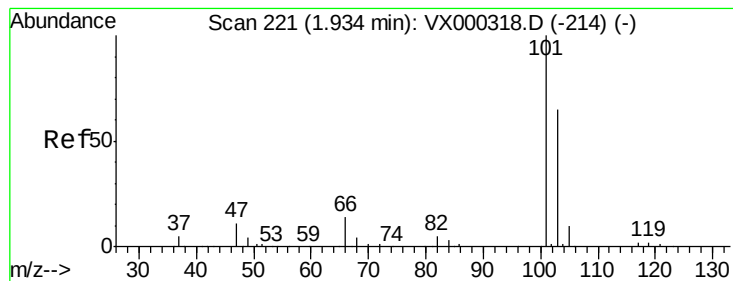
Tgt Ion: 64 Resp: 4643

Ion Ratio Lower Upper

64 100

66 31.6 24.8 37.2



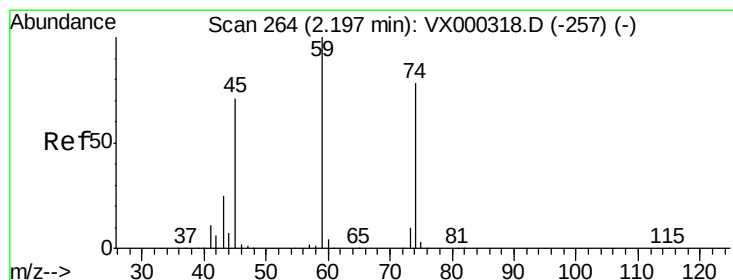
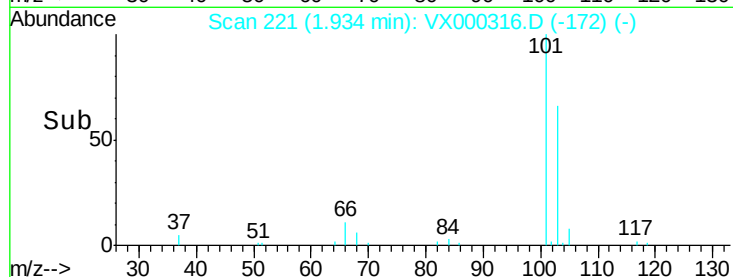
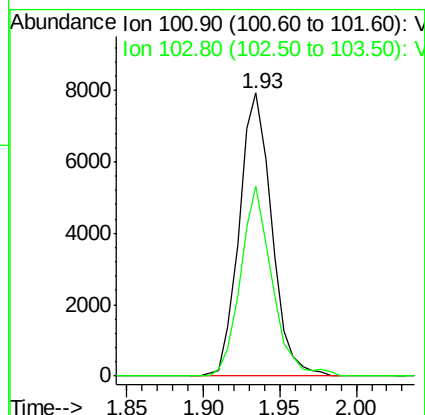
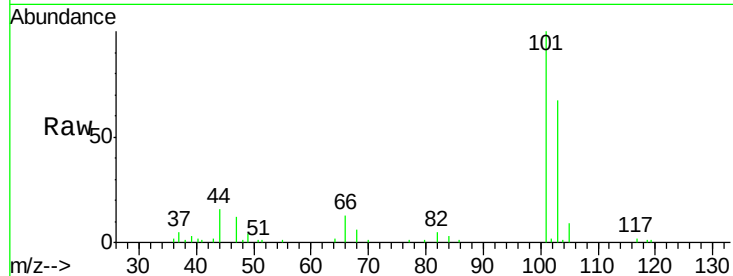


#7

Trichlorofluoromethane
Concen: 6.77 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

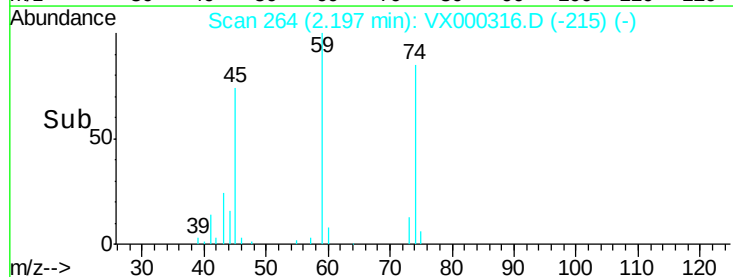
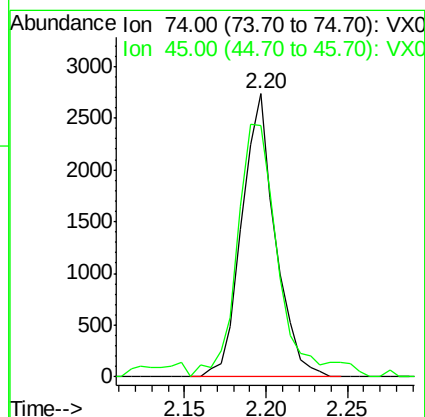
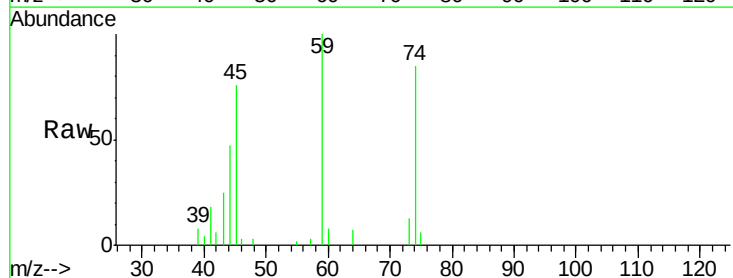
Tgt Ion:101 Resp: 11674
Ion Ratio Lower Upper
101 100
103 67.2 51.6 77.4

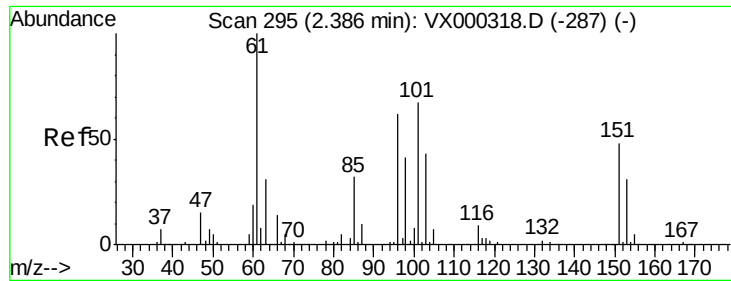


#8

Diethyl Ether
Concen: 6.63 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion: 74 Resp: 3910
Ion Ratio Lower Upper
74 100
45 109.9 45.1 135.3

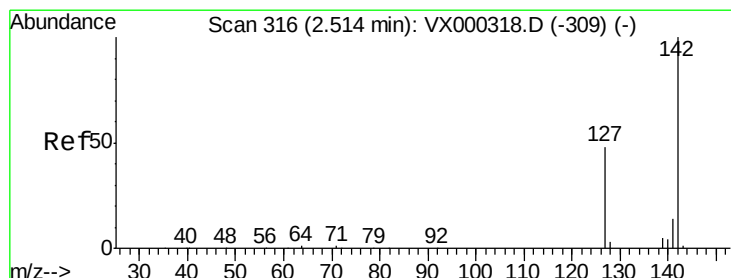
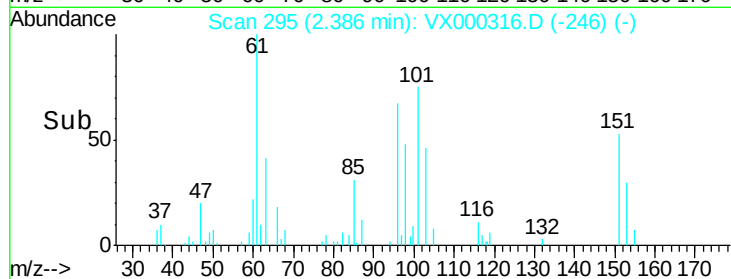
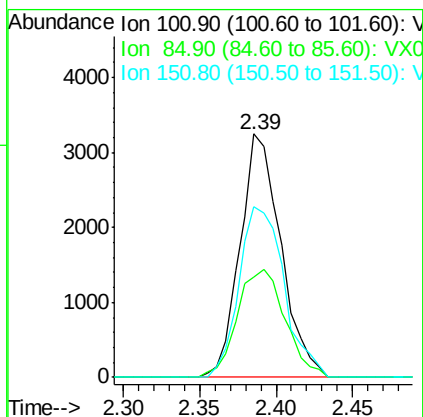
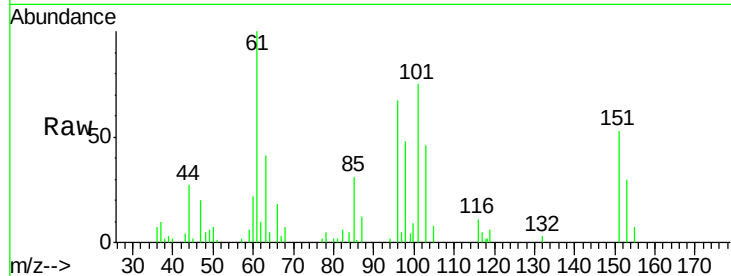




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 6.11 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

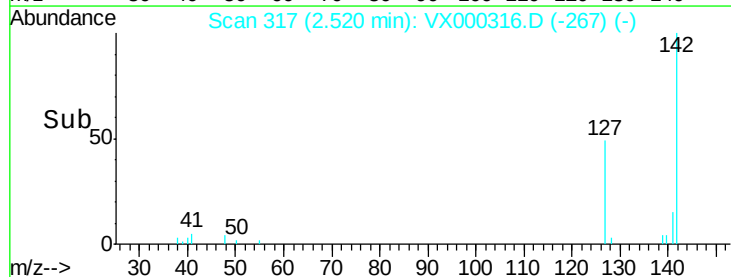
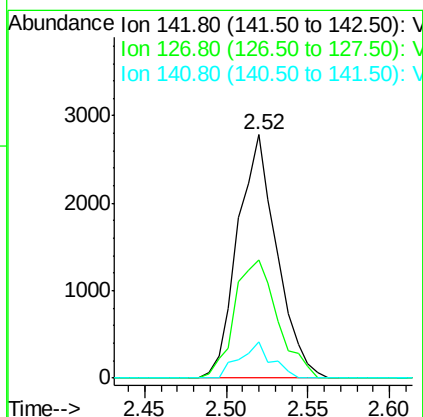
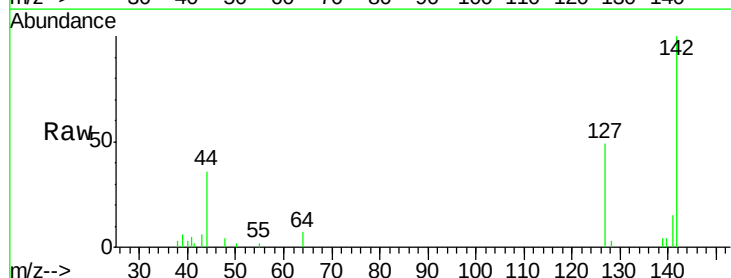
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

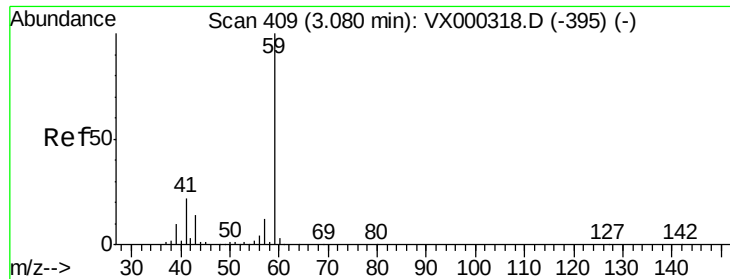
Tgt Ion:101 Resp: 6028
 Ion Ratio Lower Upper
 101 100
 85 52.0 37.6 56.4
 151 77.6 62.6 93.8



#10
 Methyl Iodide
 Concen: 3.70 ug/l
 RT: 2.52 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion:142 Resp: 4668
 Ion Ratio Lower Upper
 142 100
 127 53.0 39.2 58.8
 141 12.0 11.7 17.5



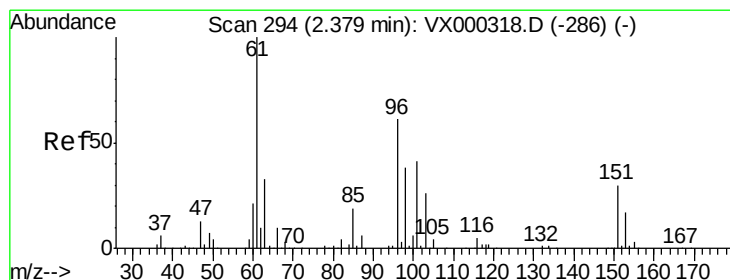
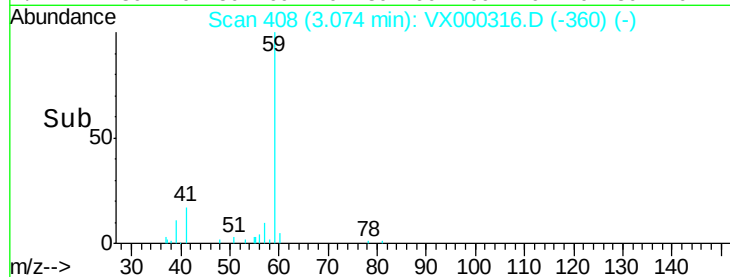
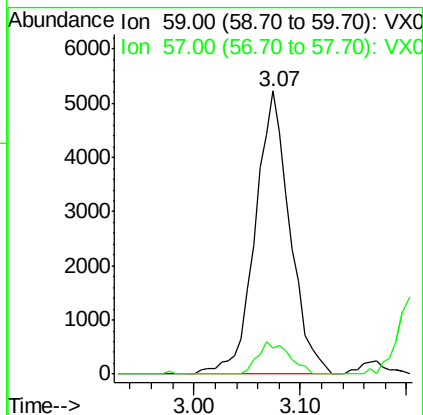
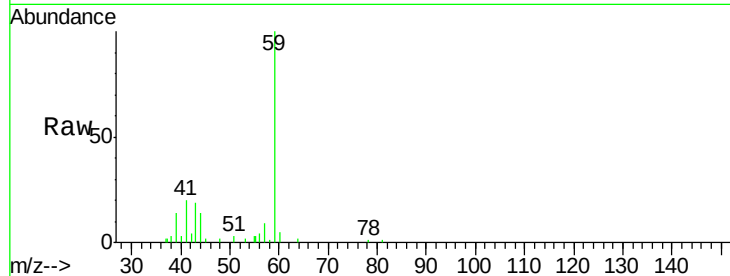


#11

Tert butyl alcohol
 Concen: 29.37 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

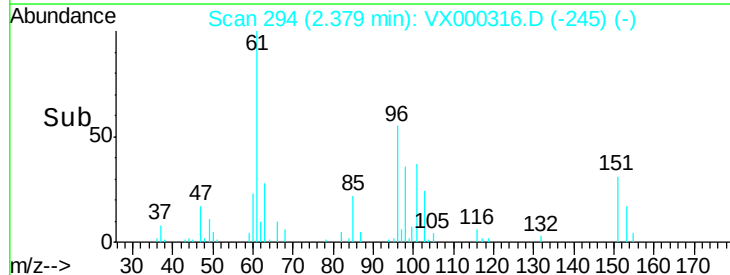
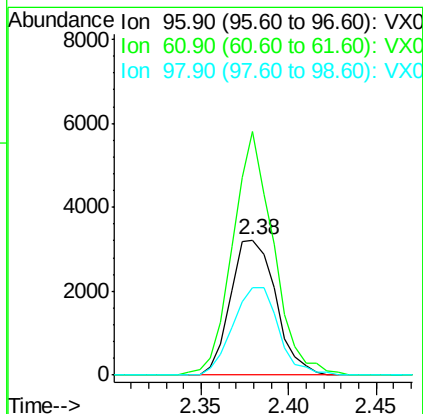
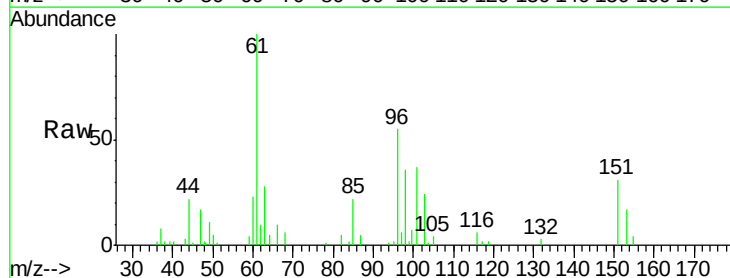
Tgt Ion: 59 Resp: 11911
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

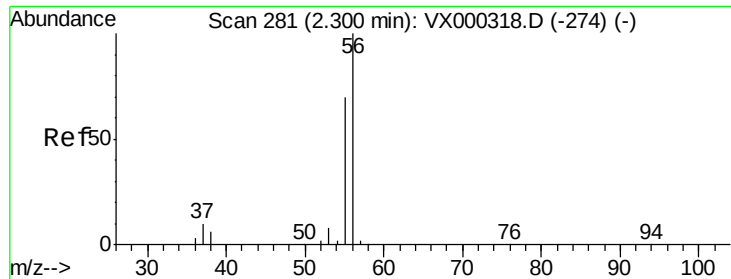


#12

1,1-Dichloroethene
 Concen: 6.63 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion: 96 Resp: 5835
 Ion Ratio Lower Upper
 96 100
 61 178.6 131.2 196.8
 98 65.2 49.8 74.8





#13

Acrolein

Concen: 24.49 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

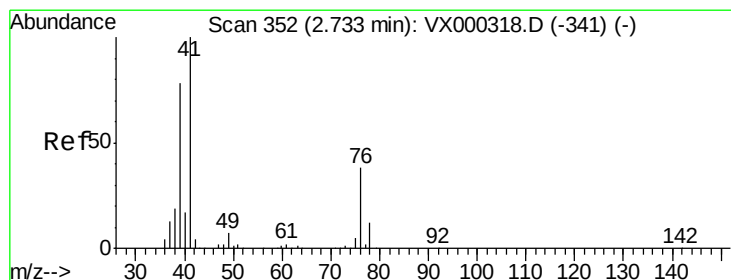
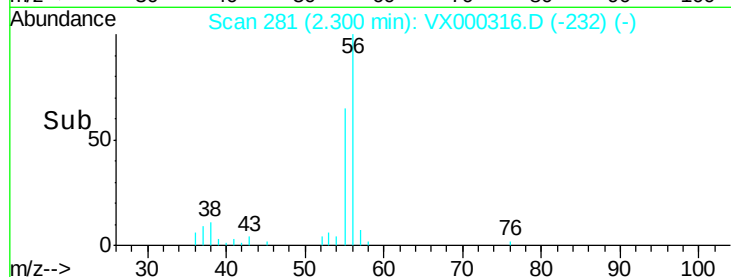
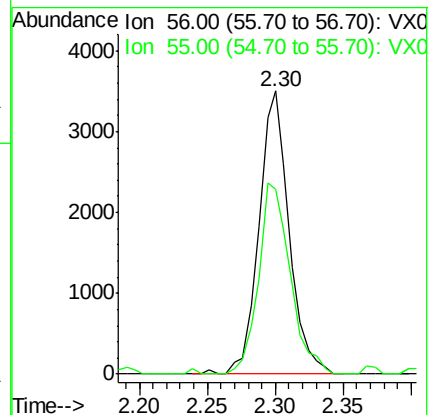
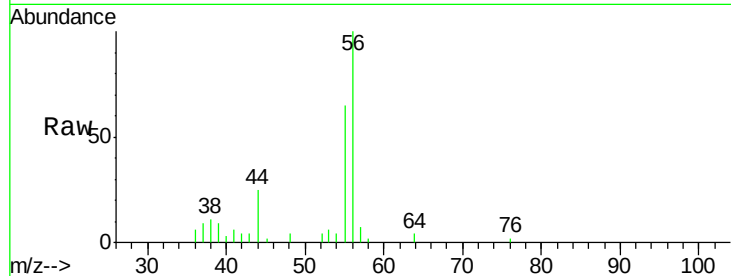
VSTDIC005

Tgt Ion: 56 Resp: 5438

Ion Ratio Lower Upper

56 100

55 71.4 58.8 88.2



#14

Allyl chloride

Concen: 6.19 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

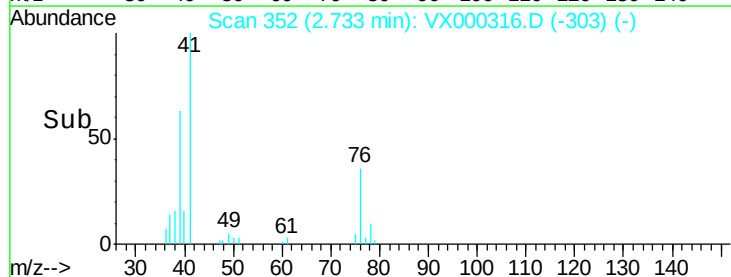
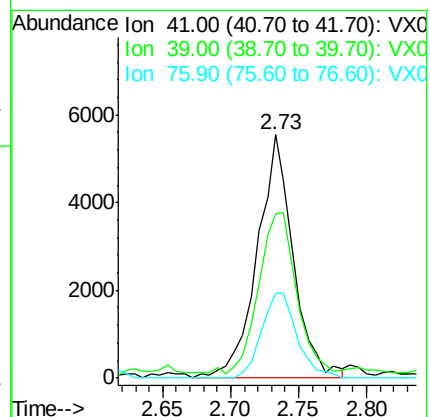
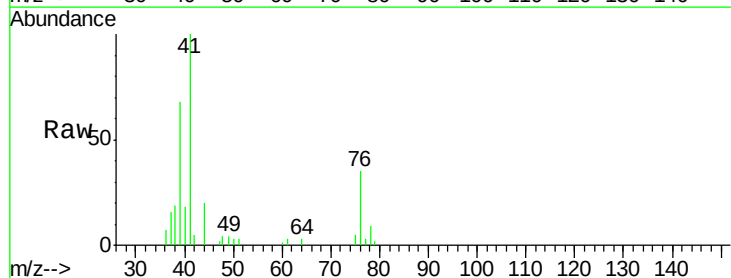
Tgt Ion: 41 Resp: 10305

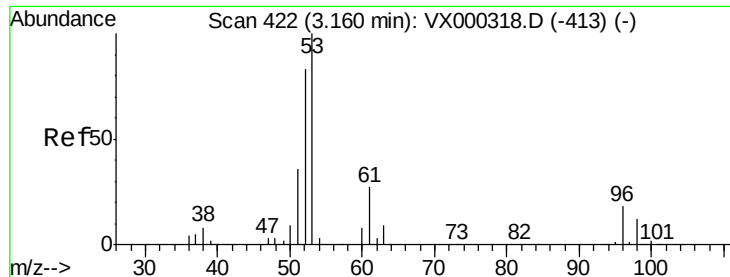
Ion Ratio Lower Upper

41 100

39 70.0 57.6 86.4

76 34.3 27.3 40.9





#15

Acrylonitrile

Concen: 32.21 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

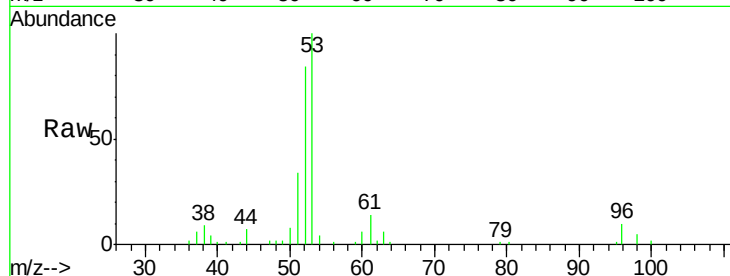
Tgt Ion: 53 Resp: 22370

Ion Ratio Lower Upper

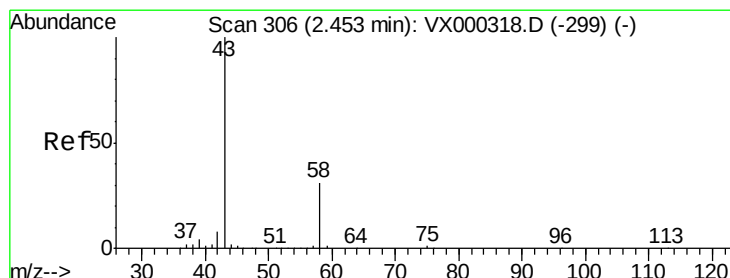
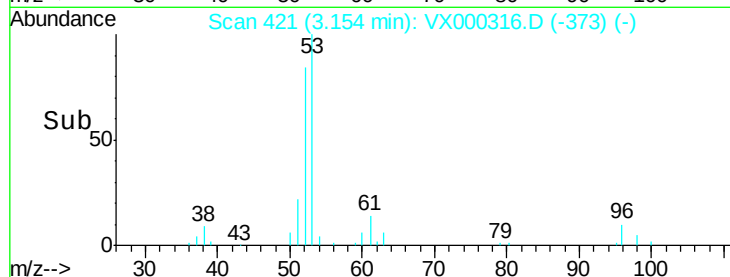
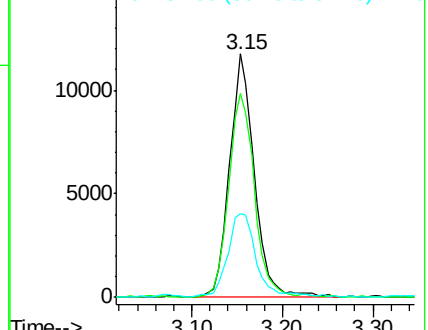
53 100

52 86.4 66.6 99.8

51 40.3 29.3 43.9



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



#16

Acetone

Concen: 26.93 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000316.D

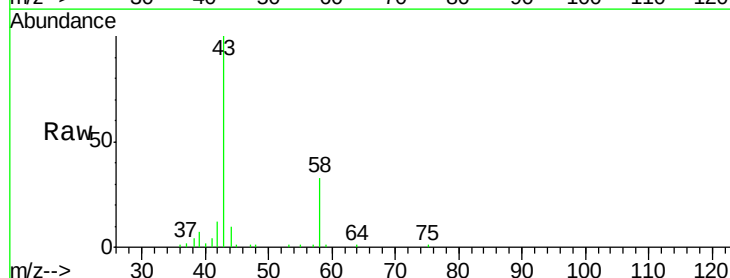
Acq: 14 Mar 2018 16:25

Tgt Ion: 43 Resp: 22852

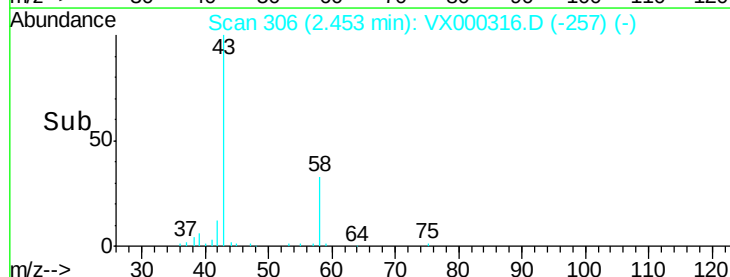
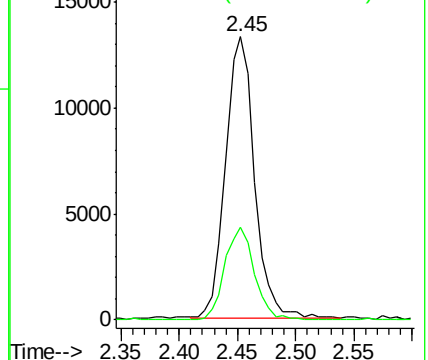
Ion Ratio Lower Upper

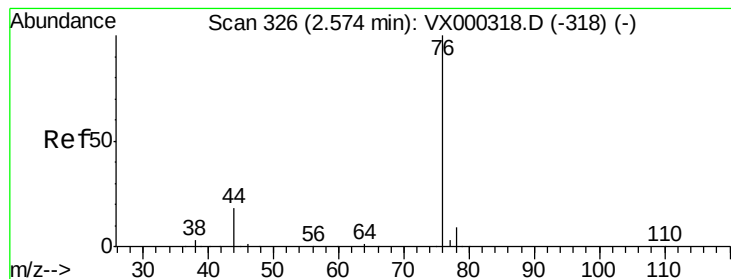
43 100

58 32.9 24.7 37.1



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





#17

Carbon Disulfide

Concen: 5.91 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

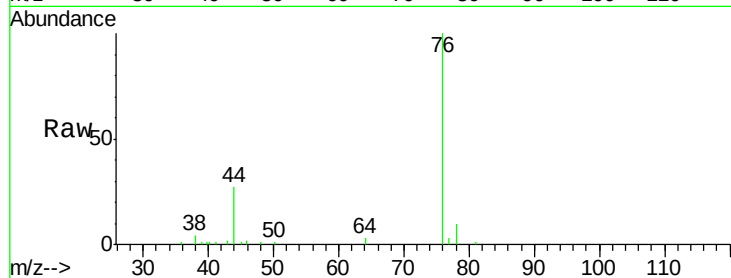
VSTDIC005

Tgt Ion: 76 Resp: 16491

Ion Ratio Lower Upper

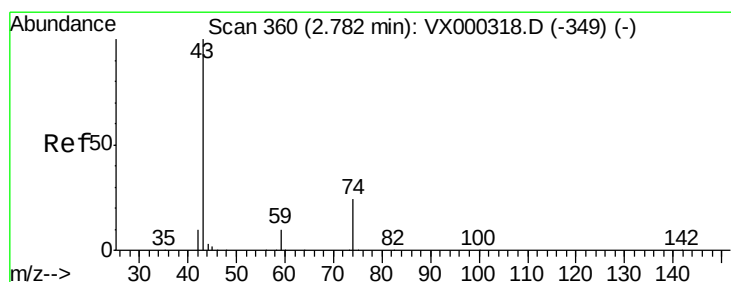
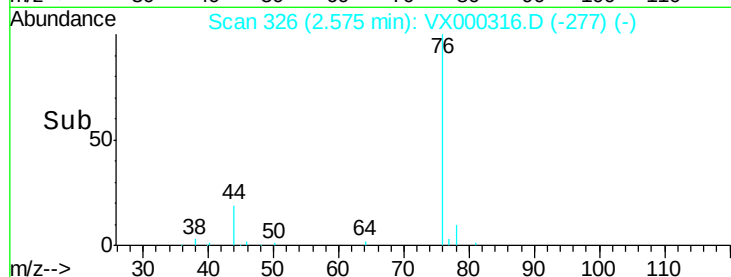
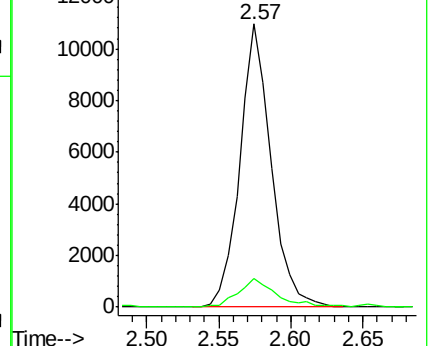
76 100

78 10.1 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: 6.52 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000316.D

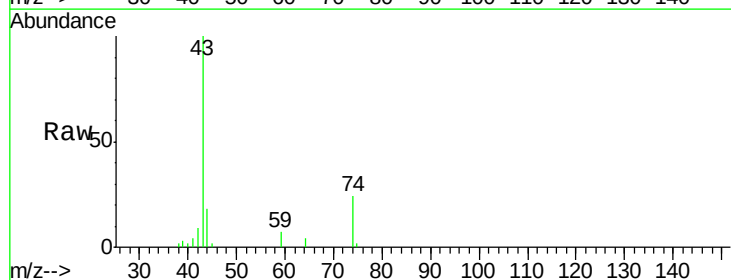
Acq: 14 Mar 2018 16:25

Tgt Ion: 43 Resp: 11067

Ion Ratio Lower Upper

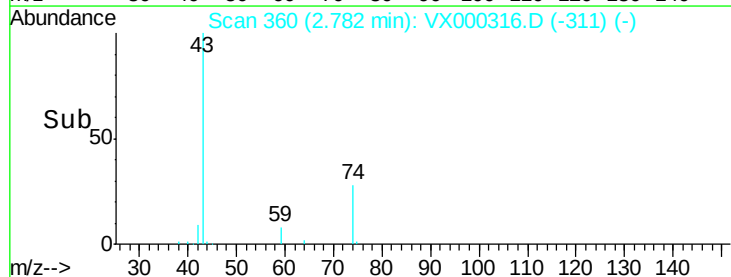
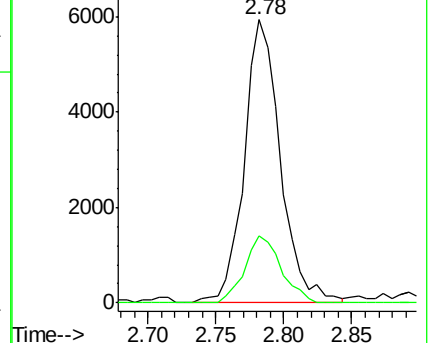
43 100

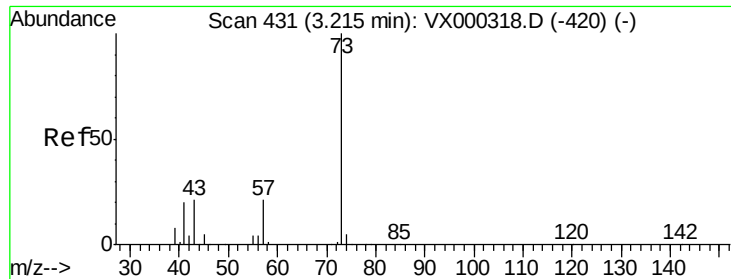
74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

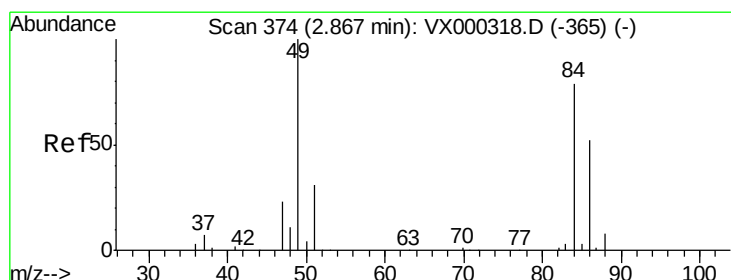
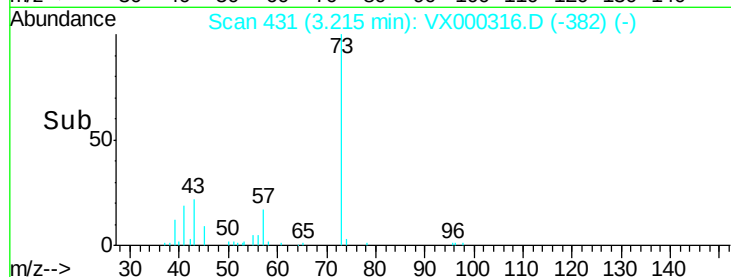
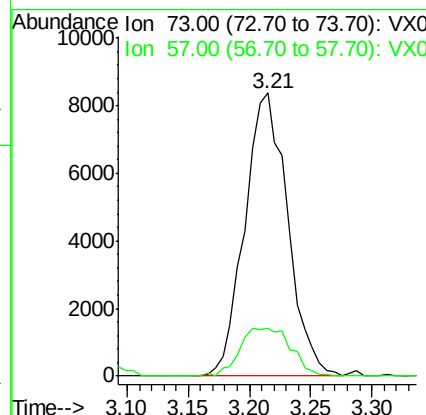
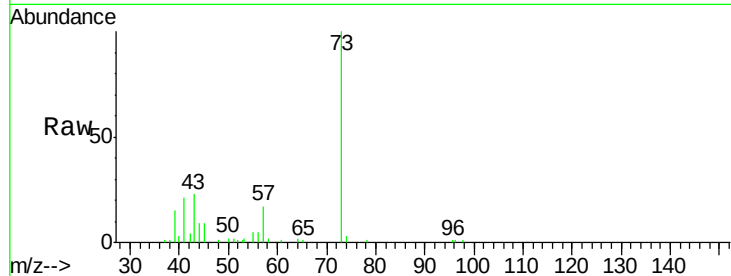




#19
Methyl tert-butyl Ether
Concen: 6.54 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

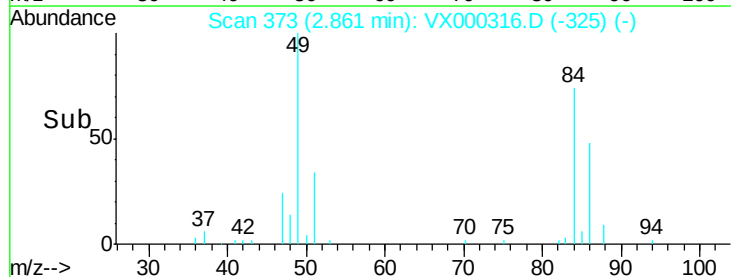
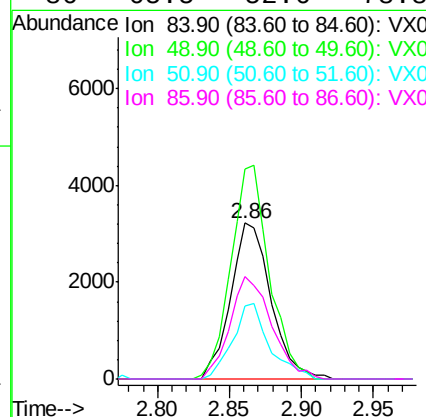
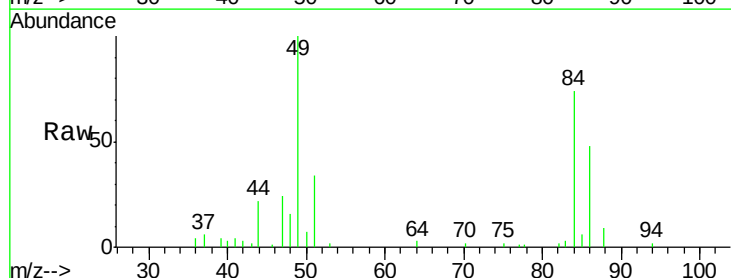
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

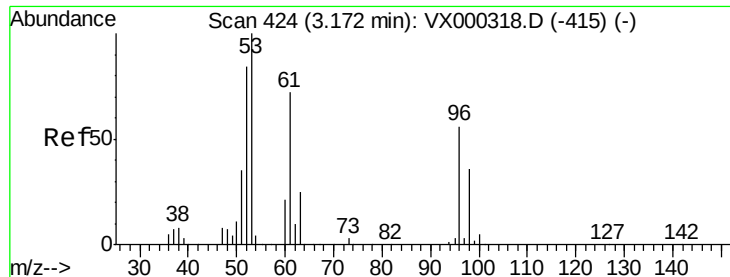
Tgt Ion: 73 Resp: 20386
Ion Ratio Lower Upper
73 100
57 16.8 17.2 25.8#



#20
Methylene Chloride
Concen: 6.30 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion: 84 Resp: 6297
Ion Ratio Lower Upper
84 100
49 135.3 100.6 151.0
51 46.6 31.6 47.4
86 65.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 6.53 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

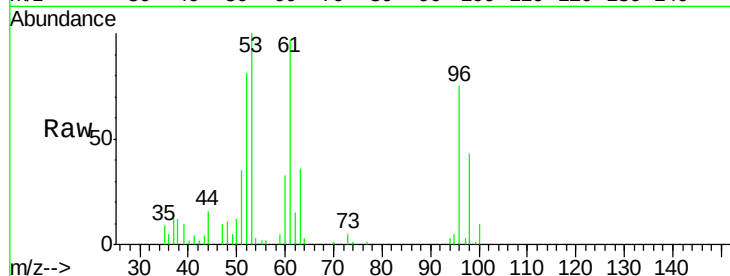
Tgt Ion: 96 Resp: 6392

Ion Ratio Lower Upper

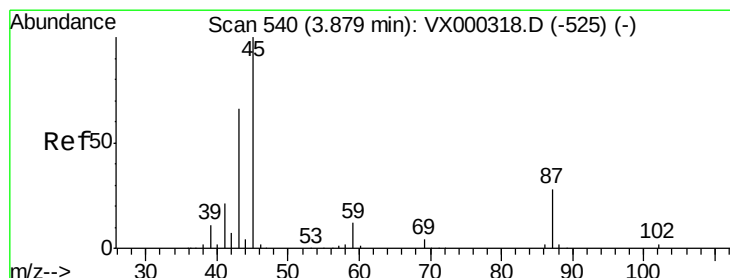
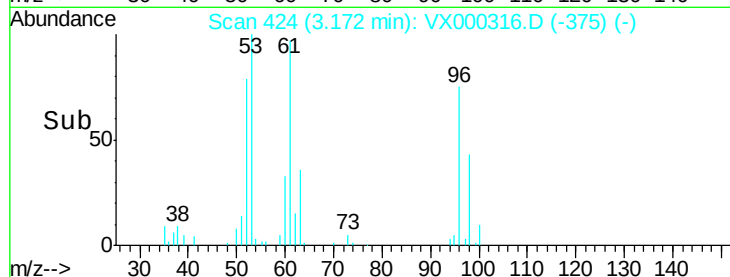
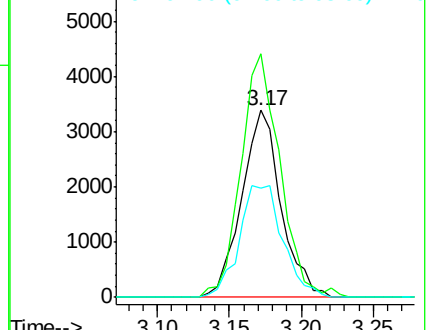
96 100

61 130.1 104.0 156.0

98 58.3 52.1 78.1



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: 6.89 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Tgt Ion: 45 Resp: 19503

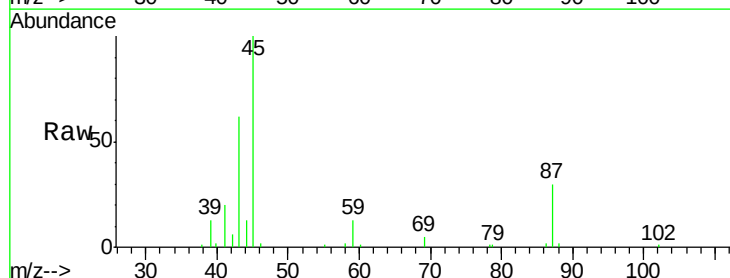
Ion Ratio Lower Upper

45 100

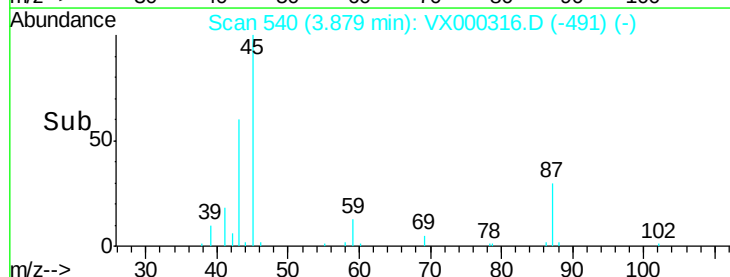
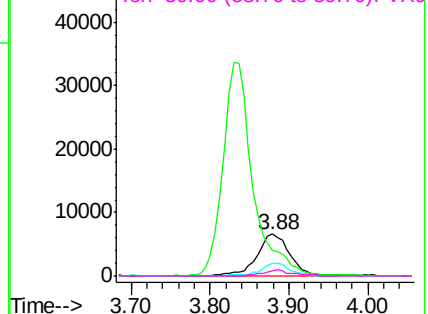
43 60.0 53.9 80.9

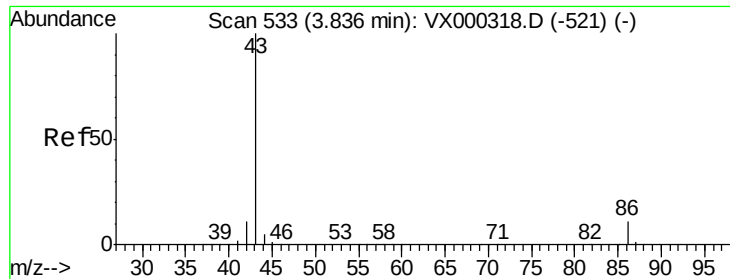
87 29.7 22.6 34.0

59 12.6 9.5 14.3



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

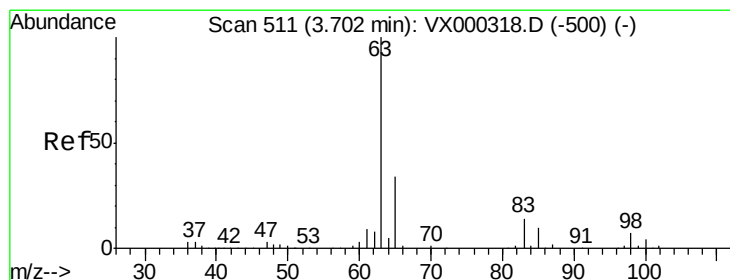
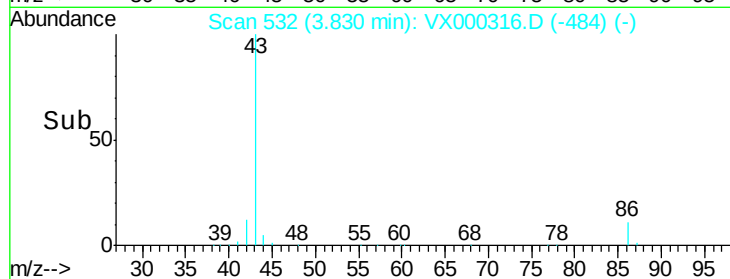
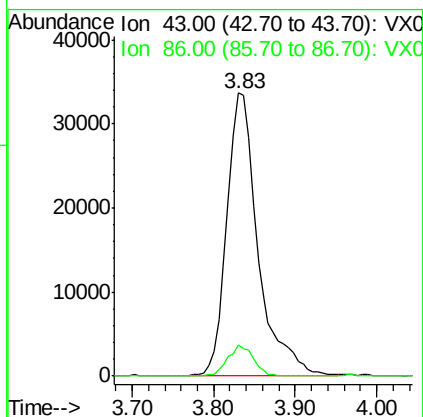
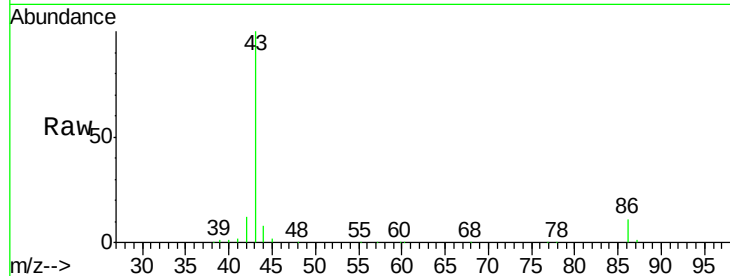




#23
 Vinyl Acetate
 Concen: 35.28 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

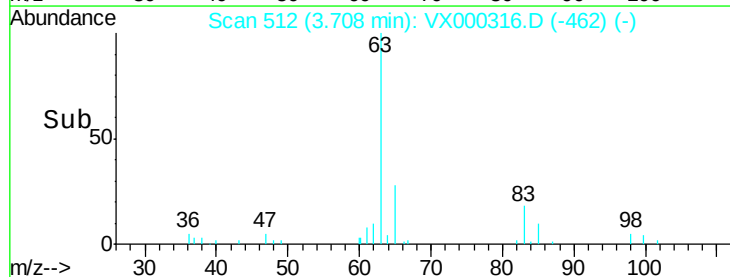
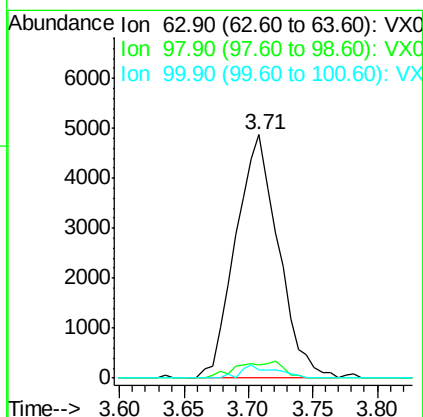
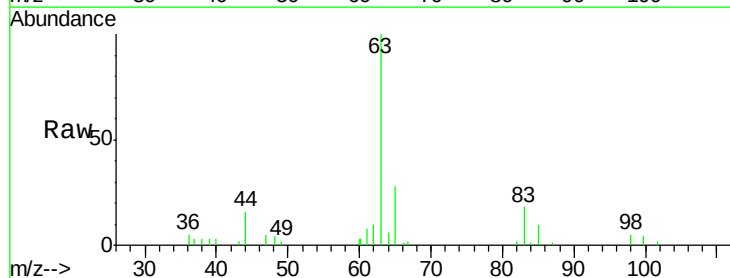
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

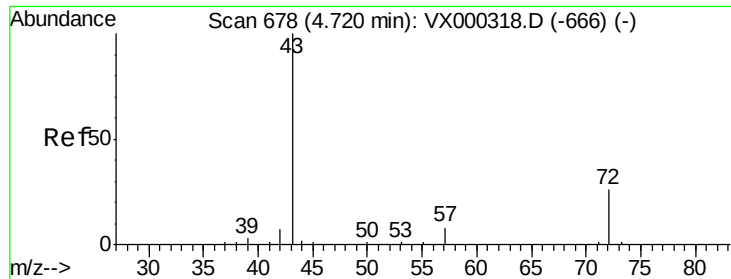
Tgt Ion: 43 Resp: 88674
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 6.87 ug/l
 RT: 3.71 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion: 63 Resp: 11221
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.3 9.9
 100 3.5 2.0 5.8





#25

2-Butanone

Concen: 25.06 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

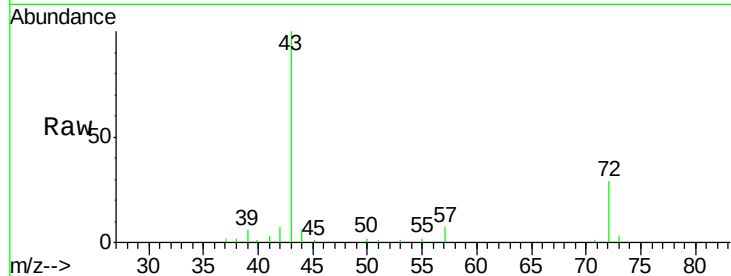
VSTDIC005

Tgt Ion: 43 Resp: 28316

Ion Ratio Lower Upper

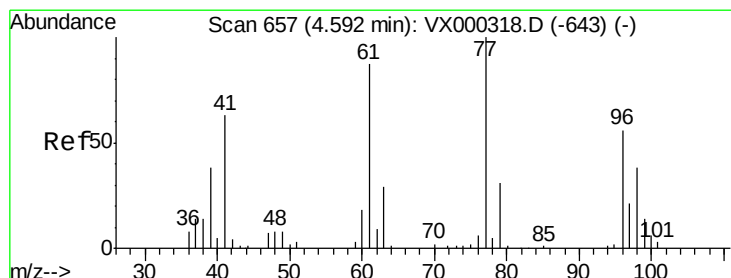
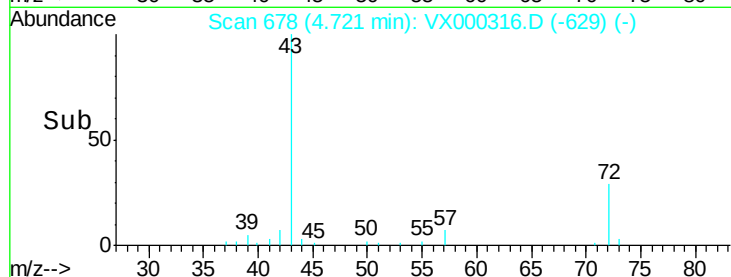
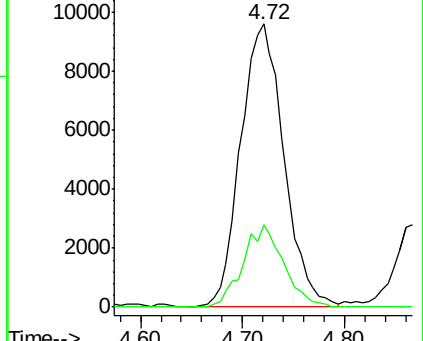
43 100

72 29.1 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.16 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000316.D

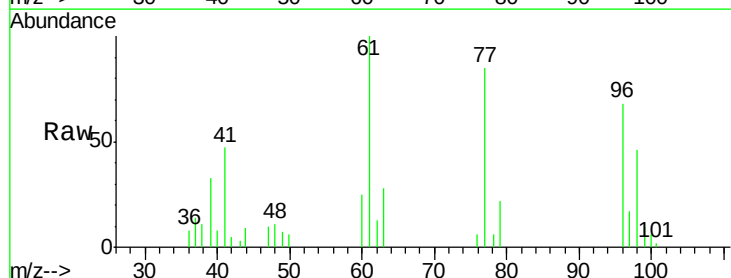
Acq: 14 Mar 2018 16:25

Tgt Ion: 77 Resp: 7431

Ion Ratio Lower Upper

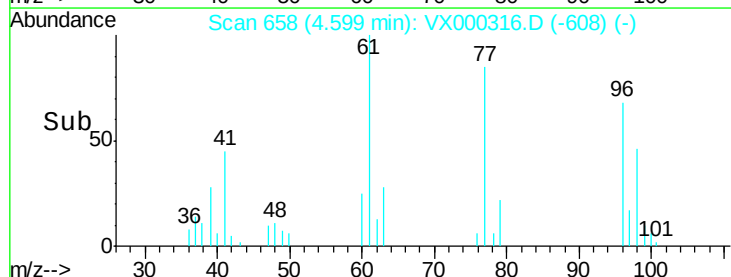
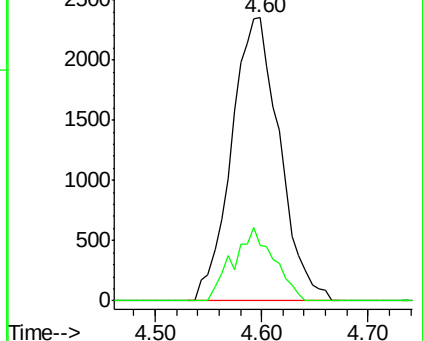
77 100

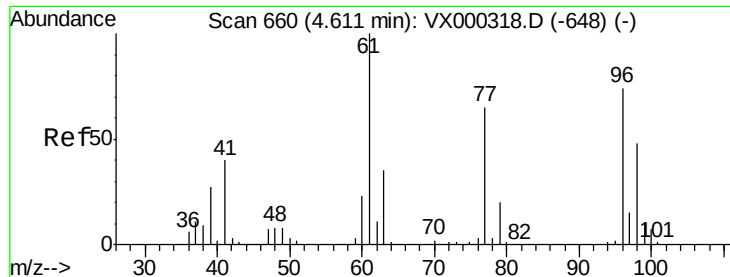
97 22.1 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 5.92 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

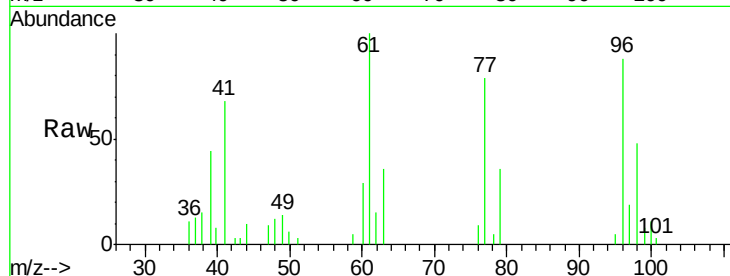
Tgt Ion: 96 Resp: 6007

Ion Ratio Lower Upper

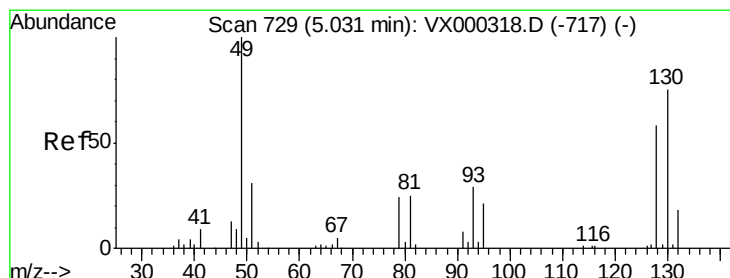
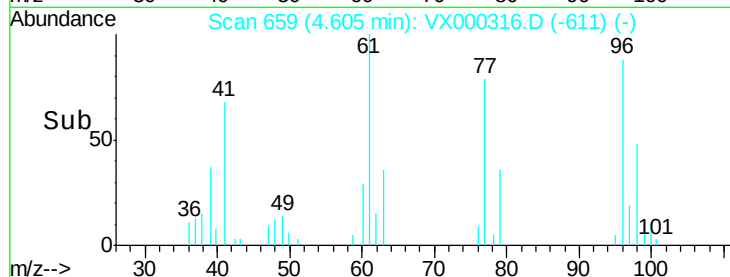
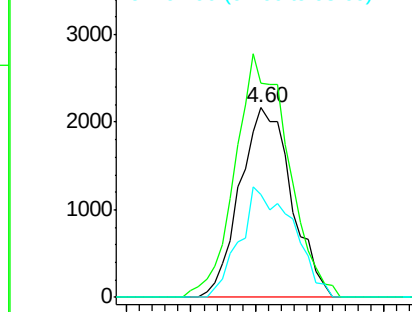
96 100

61 131.5 0.0 291.6

98 60.3 0.0 132.0



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: 5.13 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

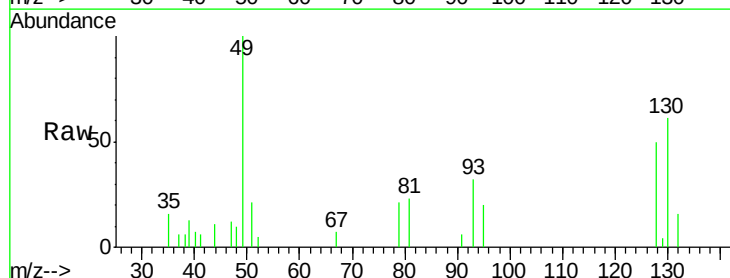
Tgt Ion: 49 Resp: 3946

Ion Ratio Lower Upper

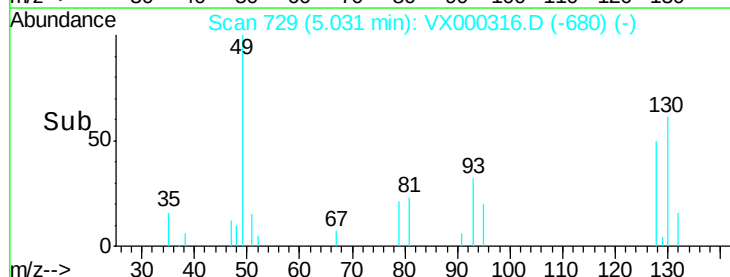
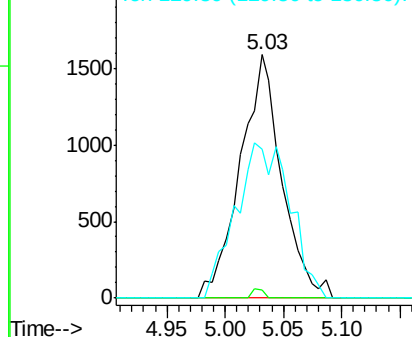
49 100

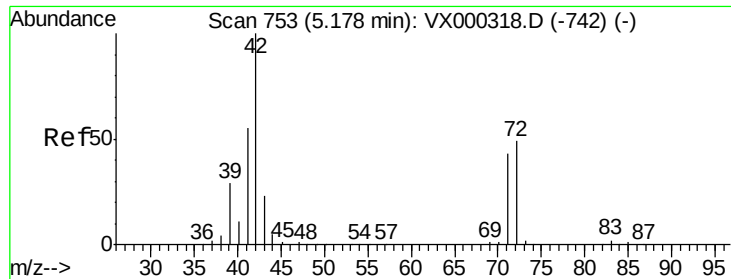
129 1.1 0.0 5.0

130 83.2 64.0 96.0



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

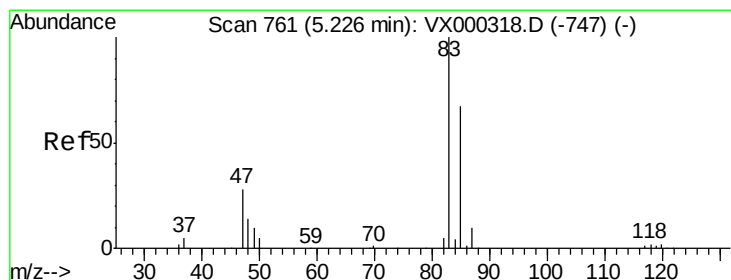
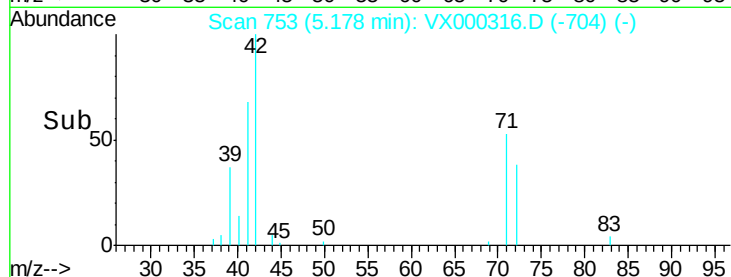
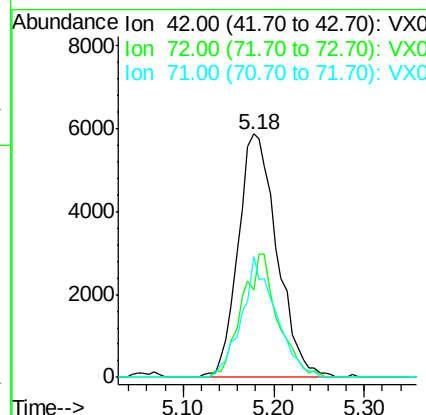
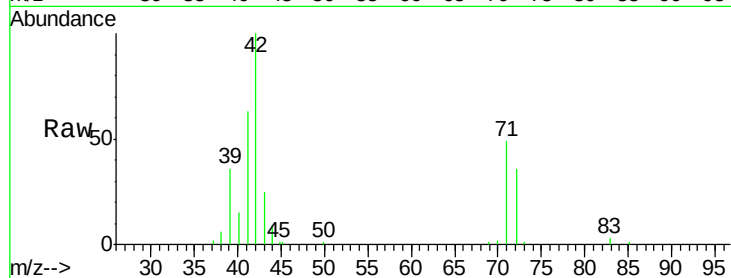




#29
Tetrahydrofuran
Concen: 25.20 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

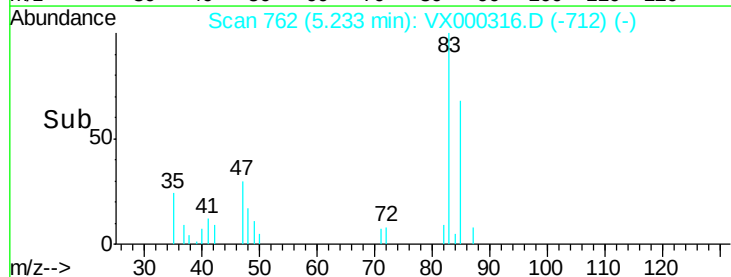
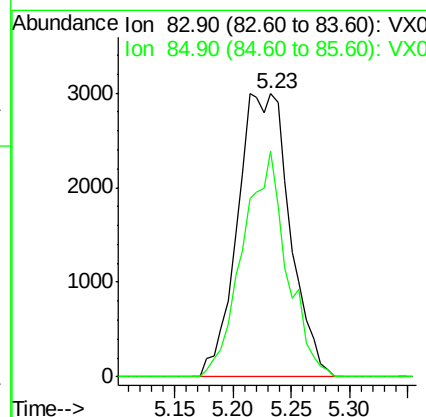
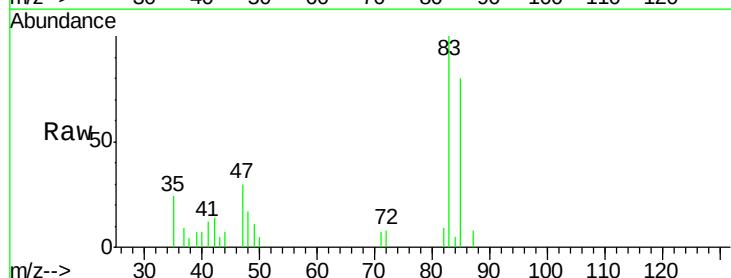
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

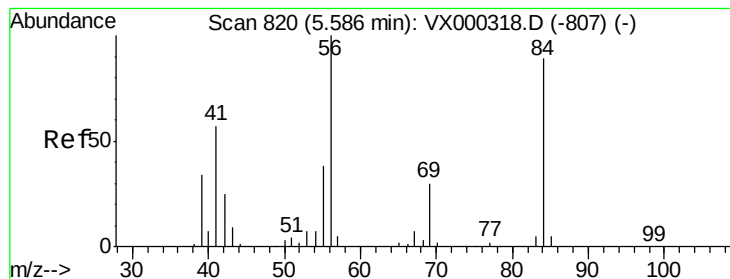
Tgt Ion: 42 Resp: 17471
Ion Ratio Lower Upper
42 100
72 46.8 37.9 56.9
71 43.5 34.4 51.6



#30
Chloroform
Concen: 5.47 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion: 83 Resp: 9373
Ion Ratio Lower Upper
83 100
85 80.0 53.3 79.9#





#31

Cyclohexane

Concen: 5.54 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

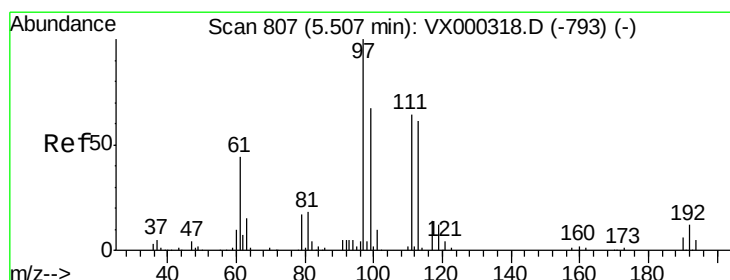
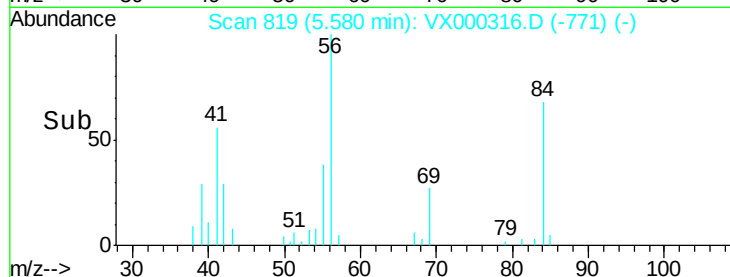
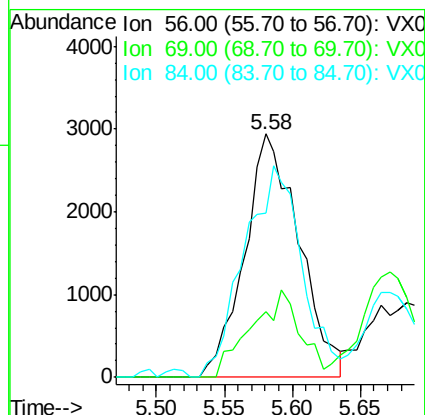
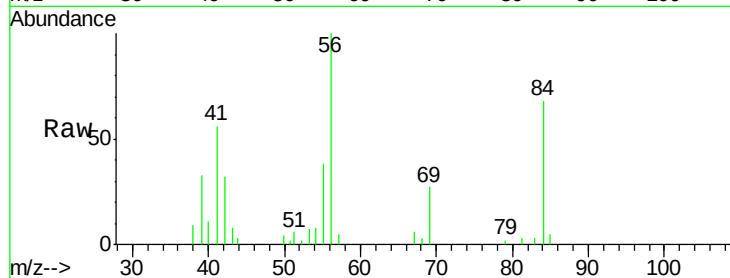
Tgt Ion: 56 Resp: 8256

Ion Ratio Lower Upper

56 100

69 27.2 23.4 35.0

84 67.7 71.0 106.4#



#32

1,1,1-Trichloroethane

Concen: 5.07 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

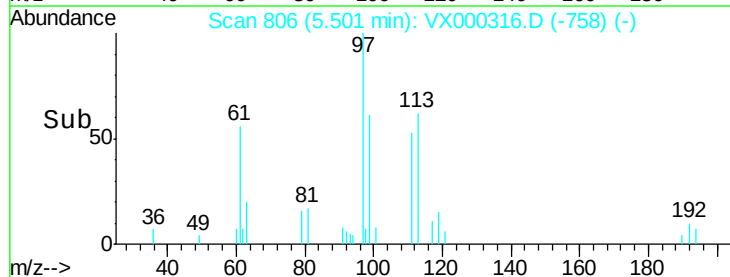
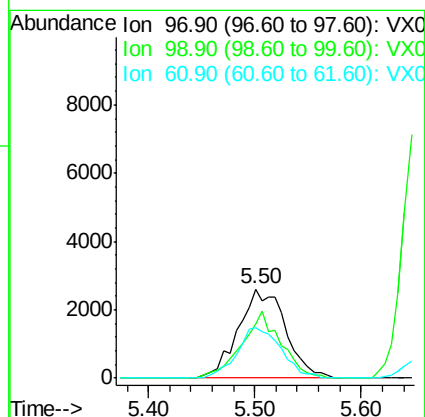
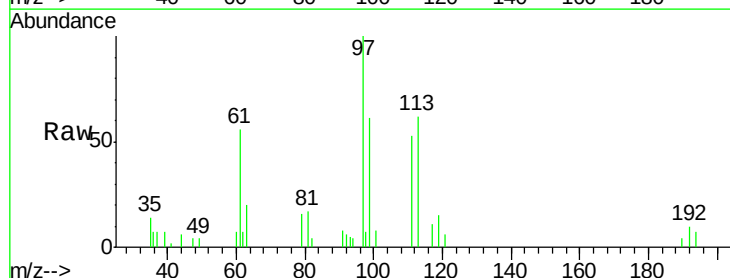
Tgt Ion: 97 Resp: 8085

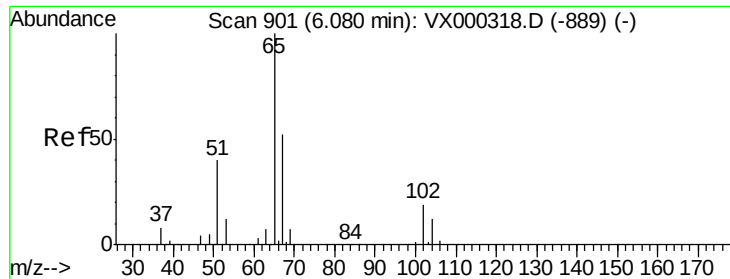
Ion Ratio Lower Upper

97 100

99 62.3 52.1 78.1

61 52.7 36.2 54.4

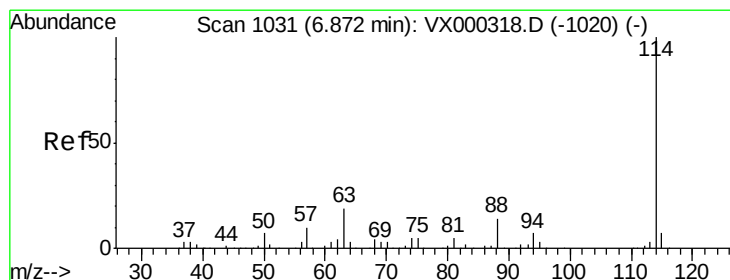
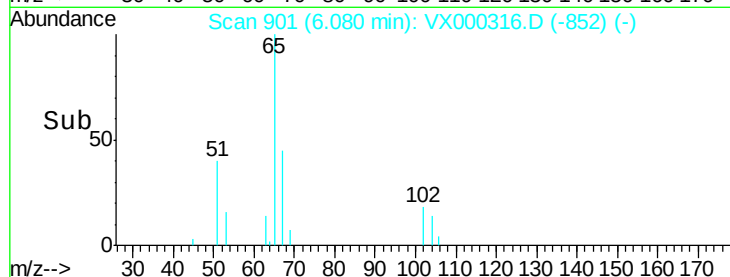
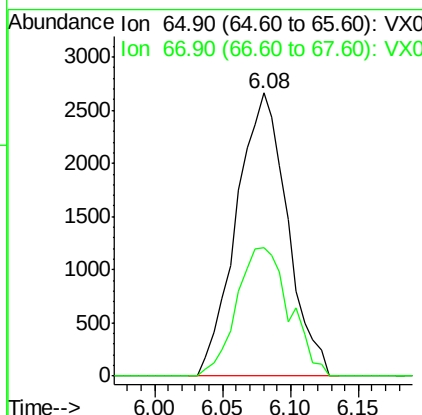
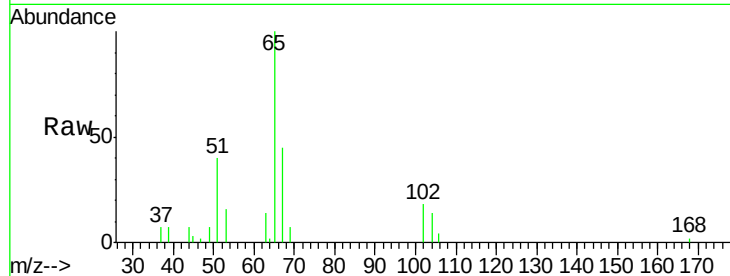




#33
 1,2-Dichloroethane-d4
 Concen: 6.19 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

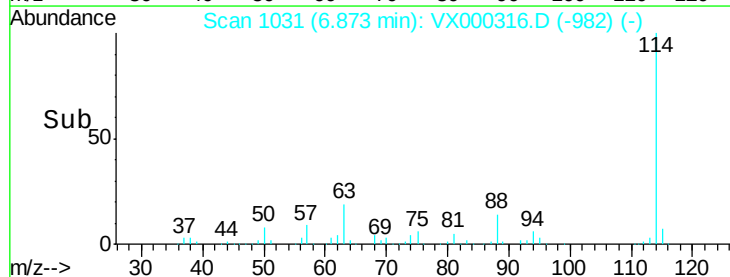
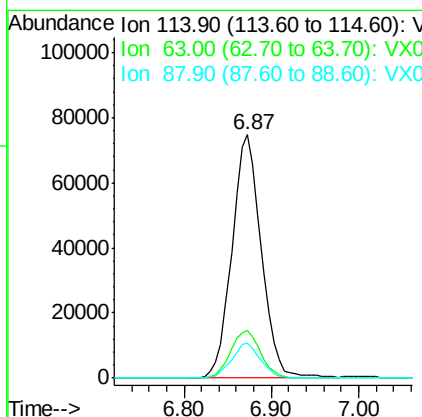
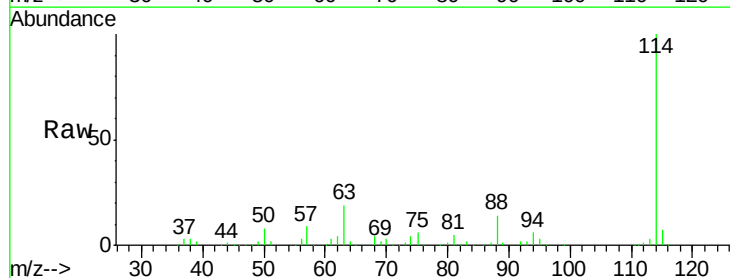
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

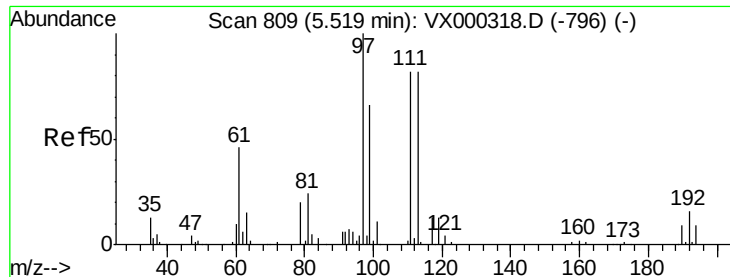
Tgt Ion: 65 Resp: 6964
 Ion Ratio Lower Upper
 65 100
 67 47.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion: 114 Resp: 174930
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 14.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 4.44 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

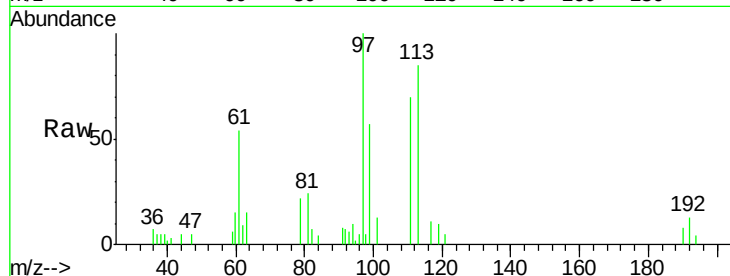
Tgt Ion:113 Resp: 4927

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

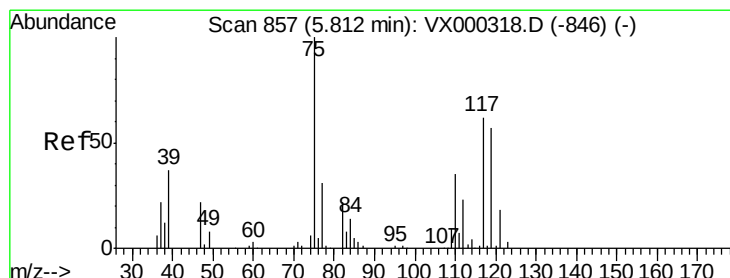
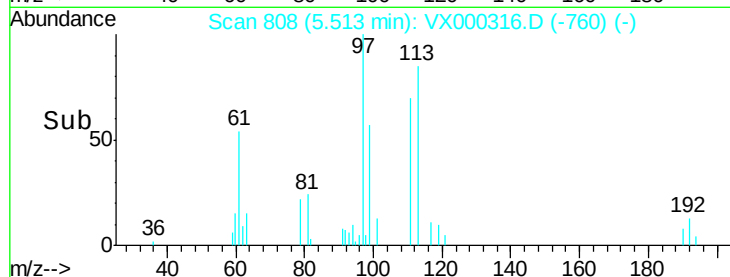
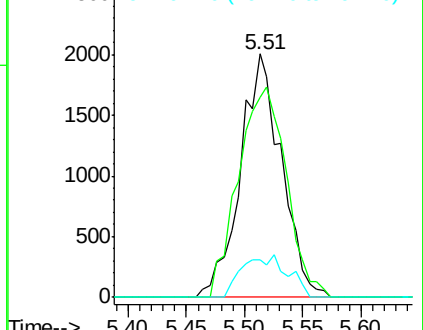
192 19.0 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.26 ug/l

RT: 5.82 min Scan# 858

Delta R.T. 0.01 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

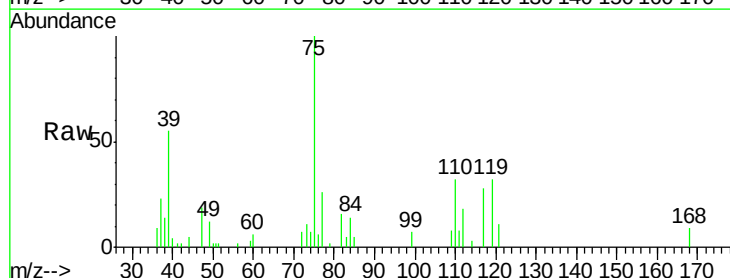
Tgt Ion: 75 Resp: 8153

Ion Ratio Lower Upper

75 100

110 34.6 17.9 53.7

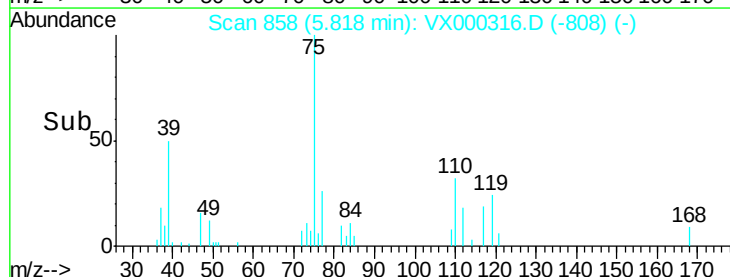
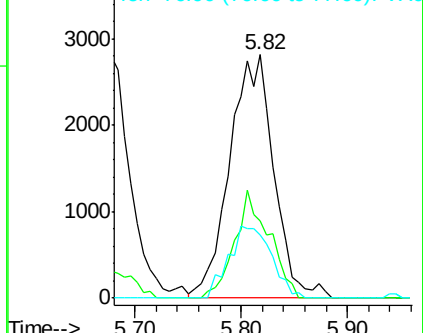
77 28.5 24.0 36.0

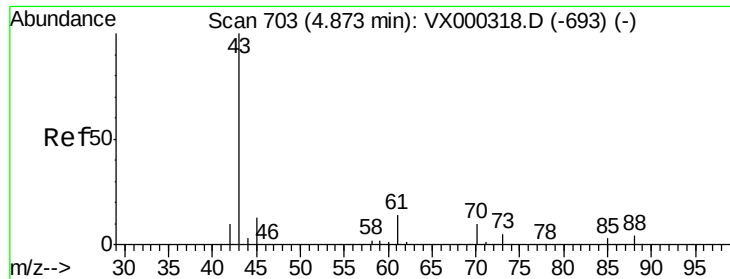


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

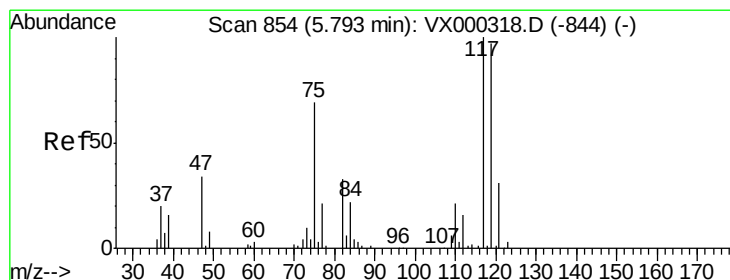
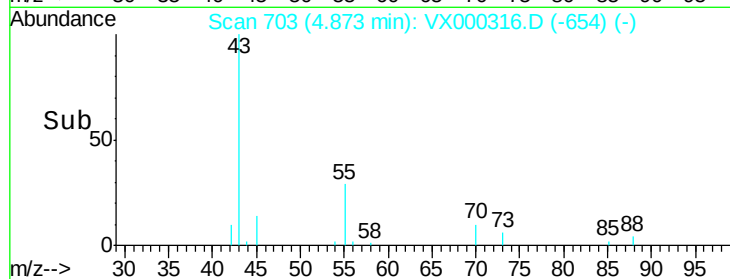
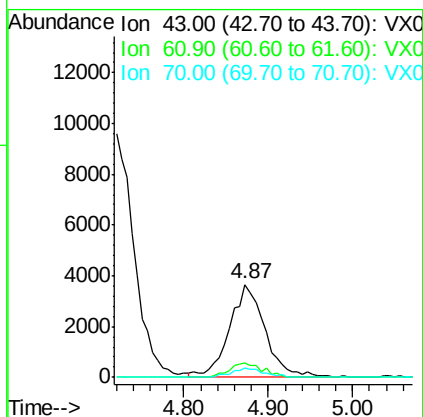
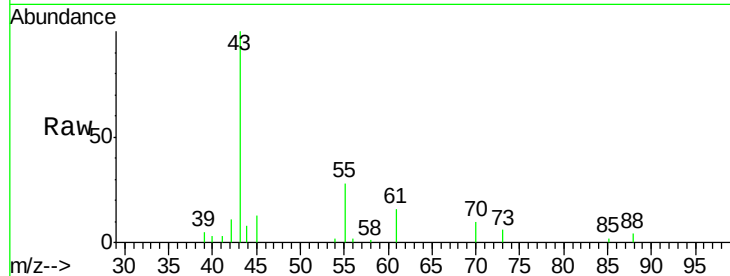




#37
Ethyl Acetate
Concen: 4.88 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

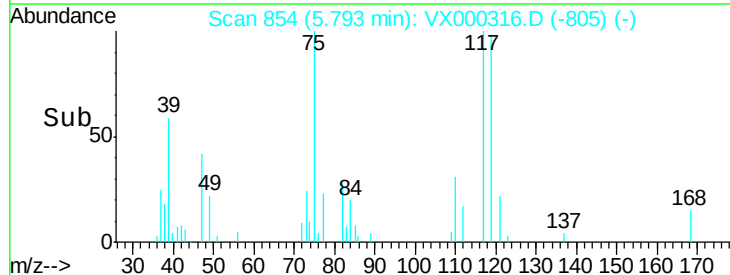
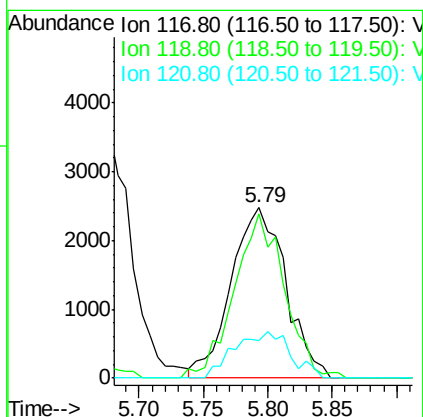
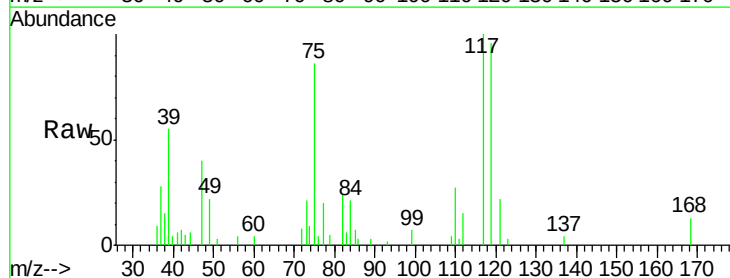
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

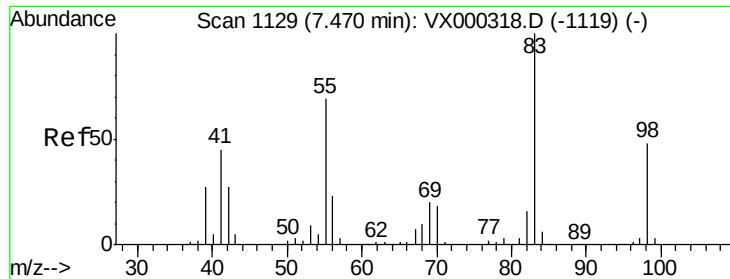
Tgt Ion: 43 Resp: 10547
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 9.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 4.30 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion: 117 Resp: 7285
Ion Ratio Lower Upper
117 100
119 92.8 77.4 116.2
121 22.4 24.8 37.2#

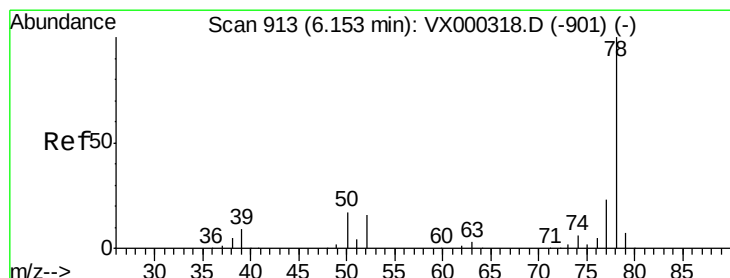
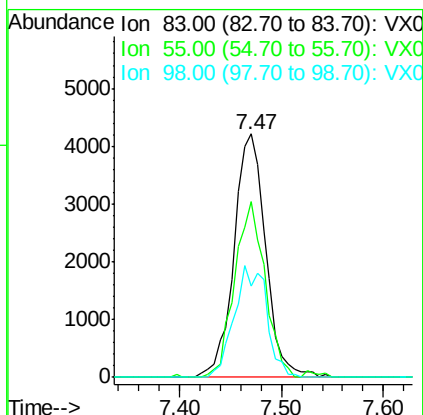
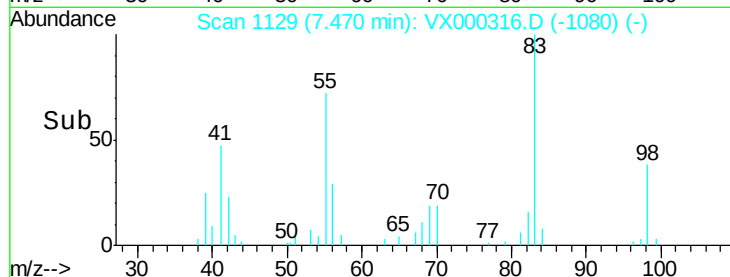
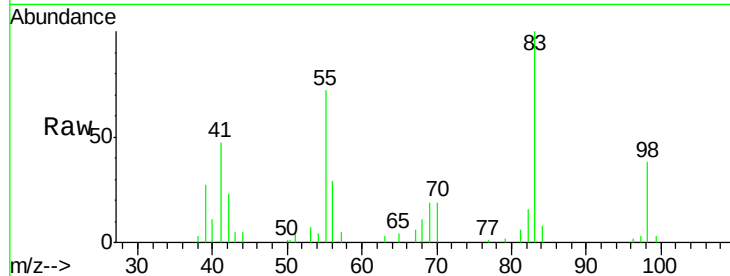




#39
Methylcyclohexane
Concen: 4.64 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

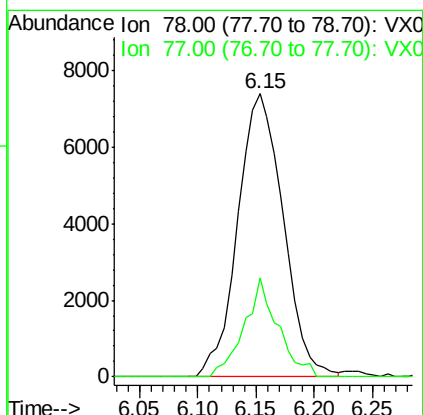
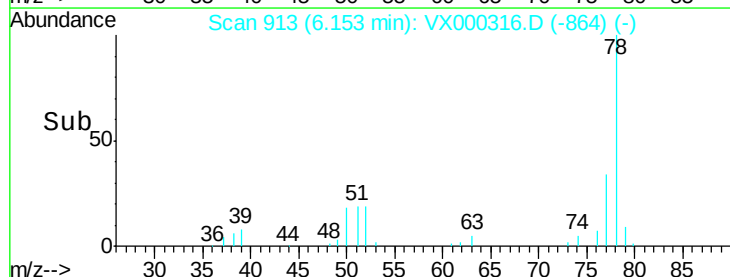
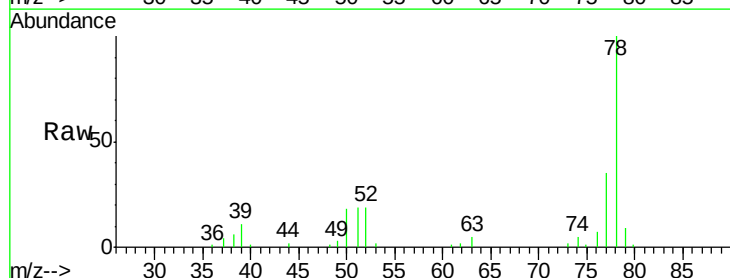
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

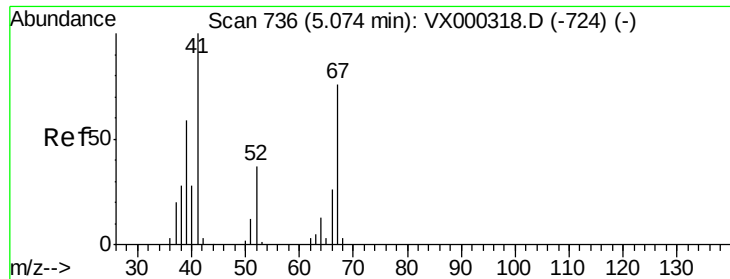
Tgt Ion: 83 Resp: 9051
Ion Ratio Lower Upper
83 100
55 72.4 55.5 83.3
98 37.6 38.2 57.4#



#40
Benzene
Concen: 4.57 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion: 78 Resp: 20103
Ion Ratio Lower Upper
78 100
77 34.8 18.7 28.1#

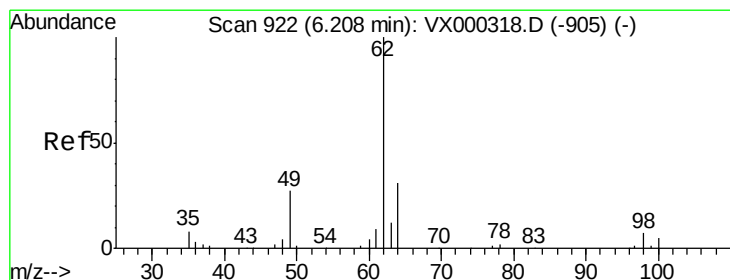
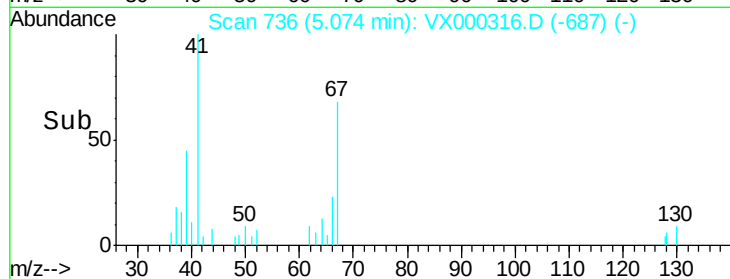
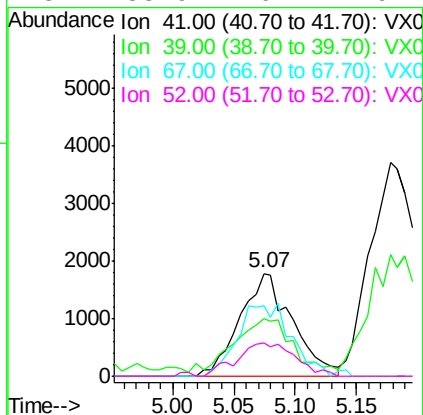
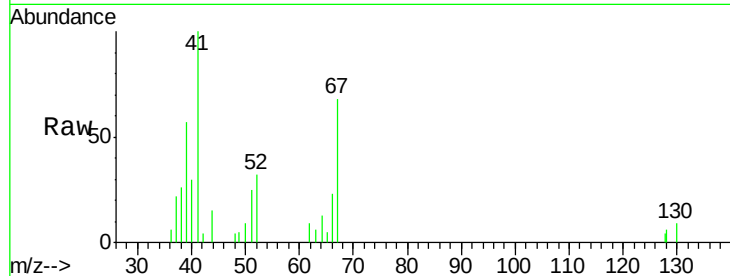




#41
Methacrylonitrile
Concen: 4.68 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

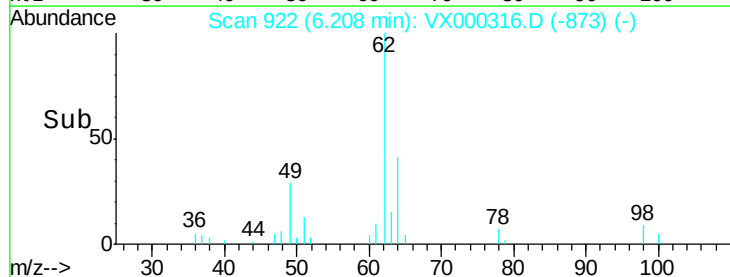
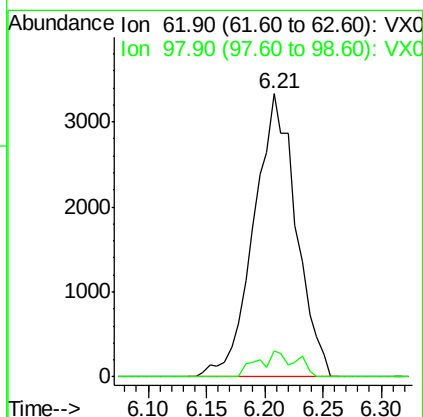
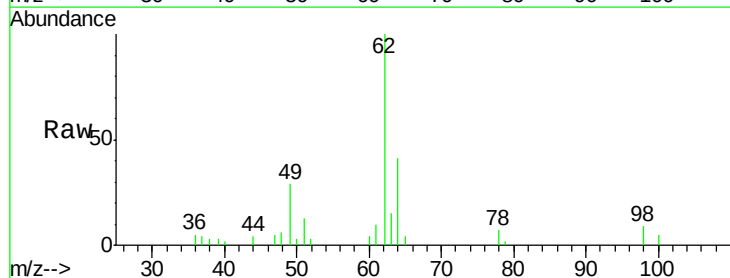
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

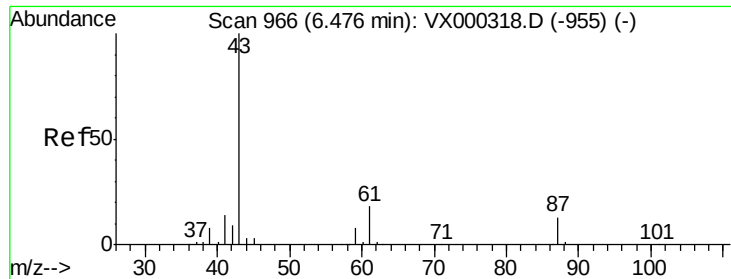
Tgt Ion:	41	Resp:	5318
Ion	Ratio	Lower	Upper
41	100		
39	56.1	45.7	68.5
67	70.8	57.8	86.8
52	35.9	26.7	40.1



#42
1,2-Dichloroethane
Concen: 5.28 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion:	62	Resp:	8430
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 4.31 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

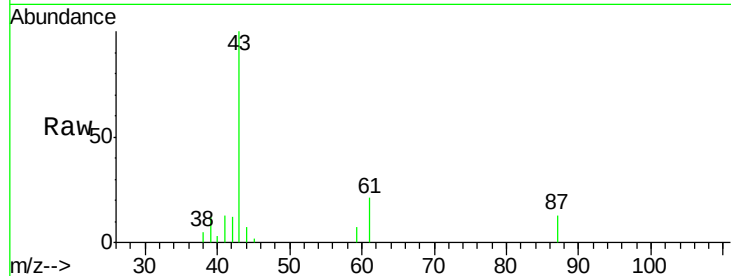
Tgt Ion: 43 Resp: 13833

Ion Ratio Lower Upper

43 100

61 19.1 14.4 21.6

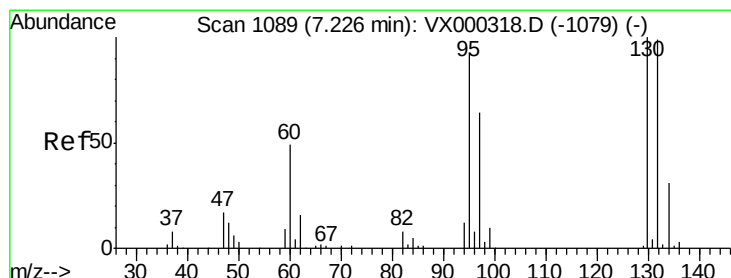
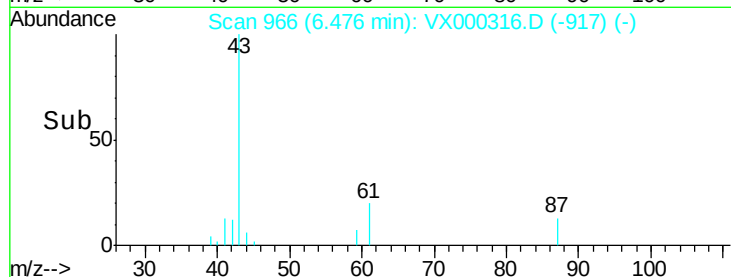
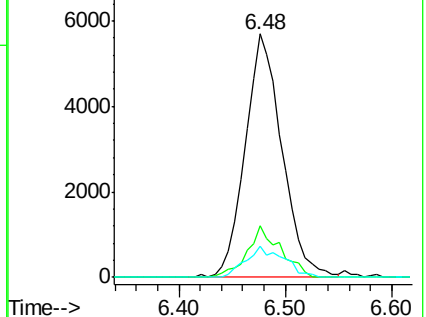
87 13.0 11.0 16.4



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: 4.67 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000316.D

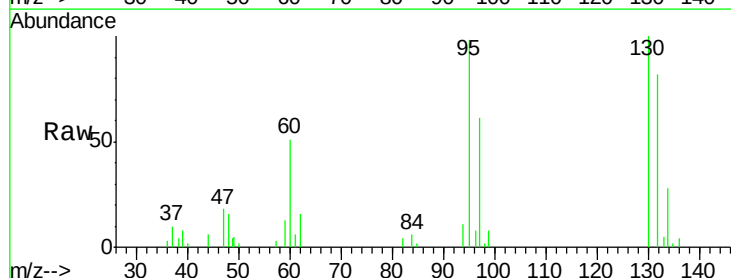
Acq: 14 Mar 2018 16:25

Tgt Ion: 130 Resp: 6484

Ion Ratio Lower Upper

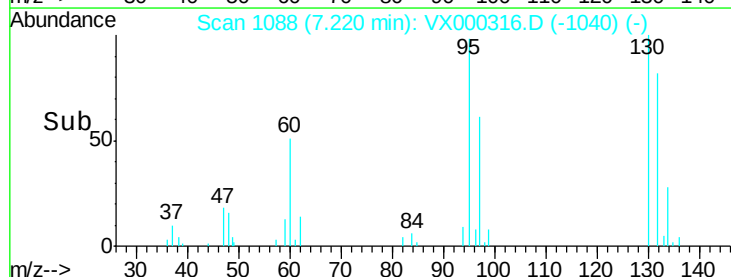
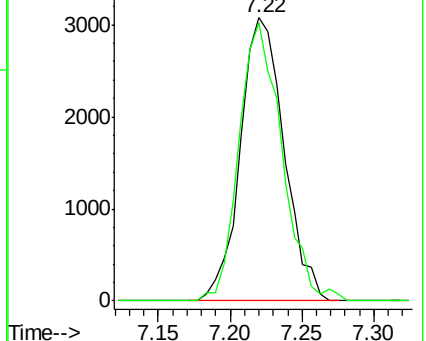
130 100

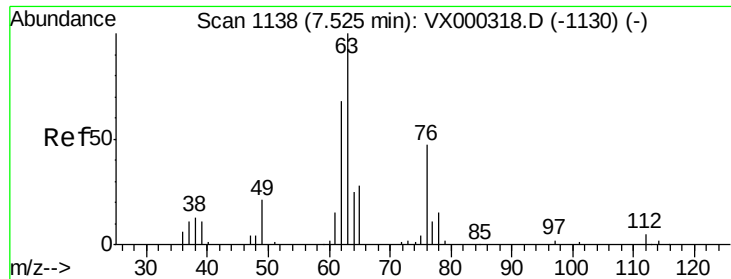
95 98.3 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

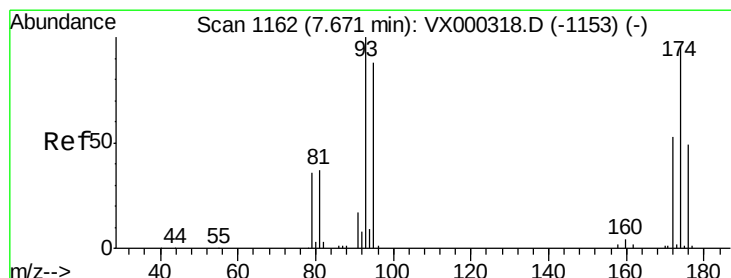
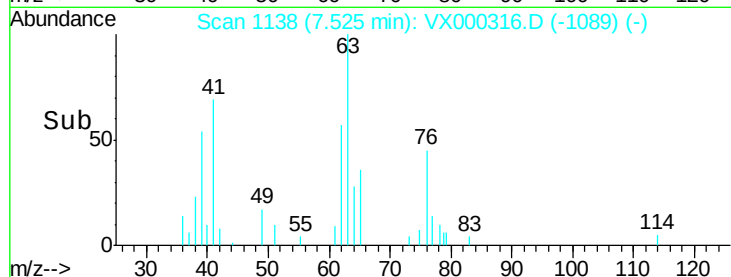
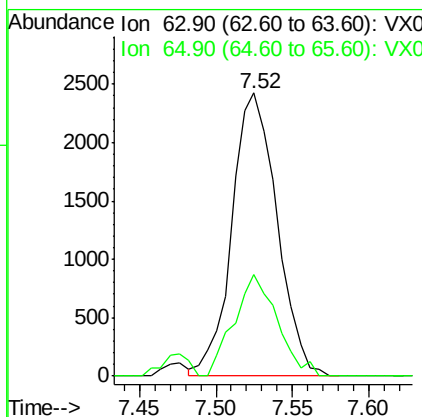
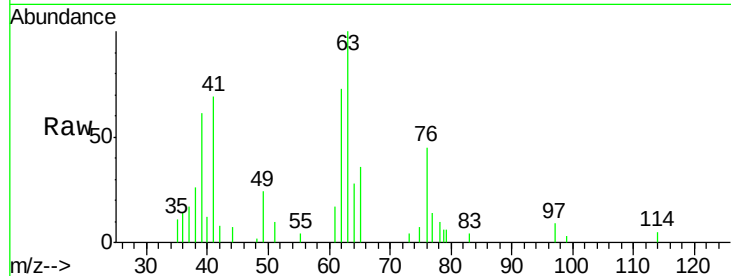




#45
 1,2-Dichloropropane
 Concen: 4.38 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

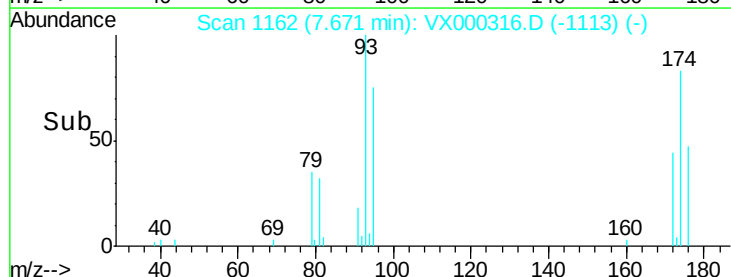
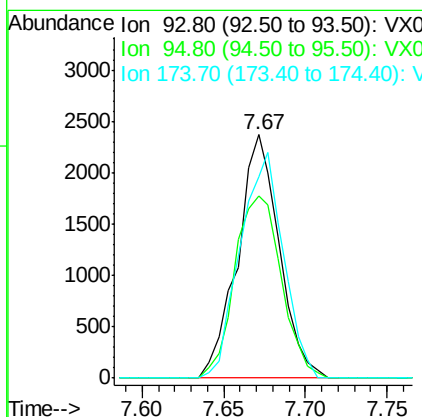
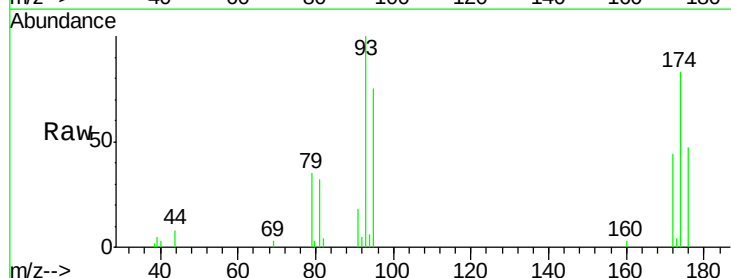
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

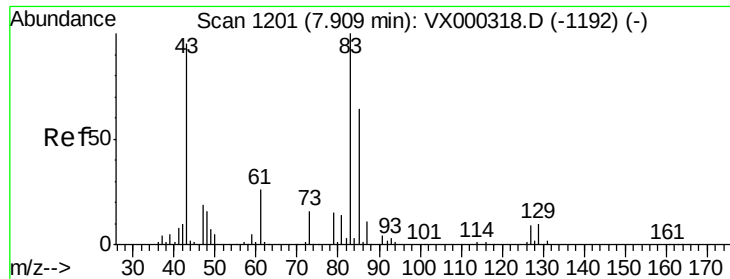
Tgt Ion: 63 Resp: 4959
 Ion Ratio Lower Upper
 63 100
 65 35.7 24.6 36.8



#46
 Dibromomethane
 Concen: 5.00 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion: 93 Resp: 4226
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.5 99.7
 174 95.5 76.0 114.0





#47

Bromodichloromethane

Concen: 4.49 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

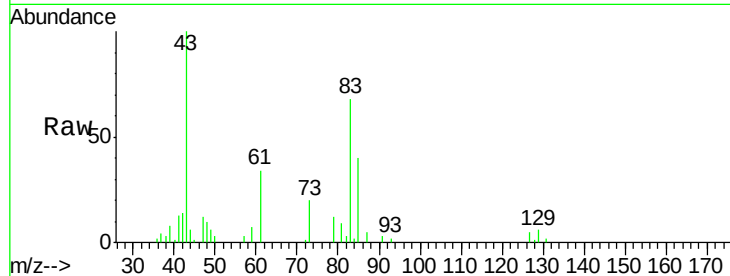
Tgt Ion: 83 Resp: 7177

Ion Ratio Lower Upper

83 100

85 58.5 51.4 77.0

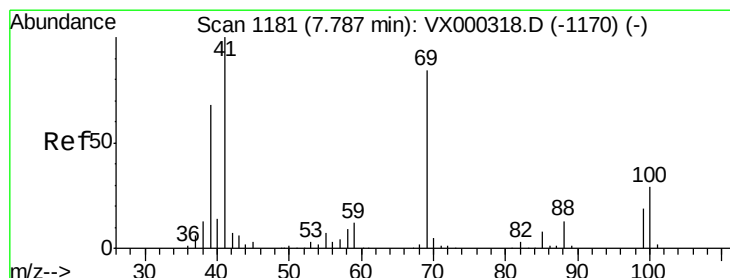
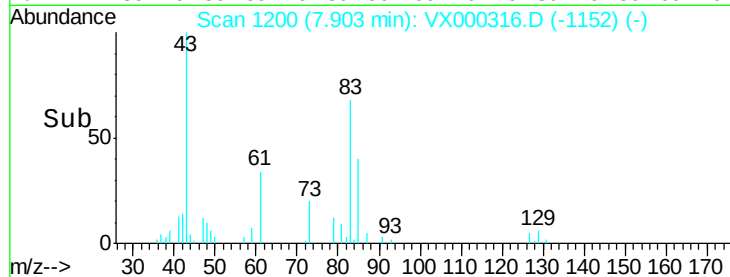
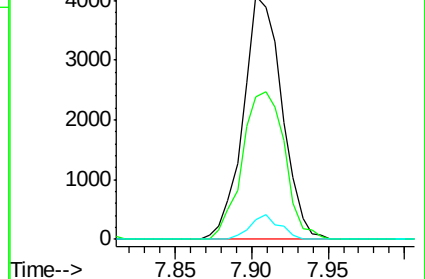
127 8.0 7.0 10.6



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: 4.43 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

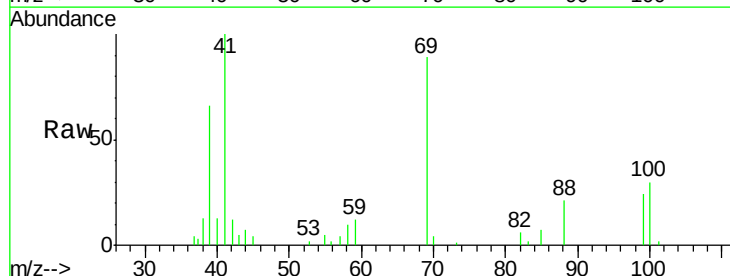
Tgt Ion: 41 Resp: 7032

Ion Ratio Lower Upper

41 100

69 78.7 68.2 102.4

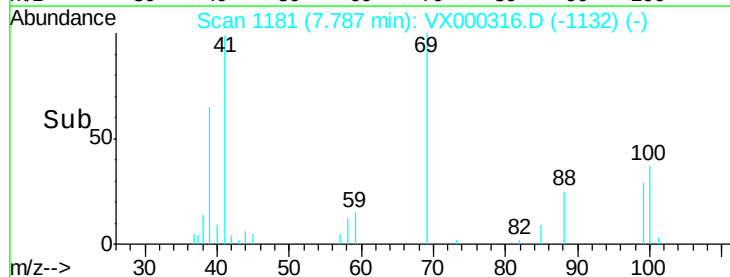
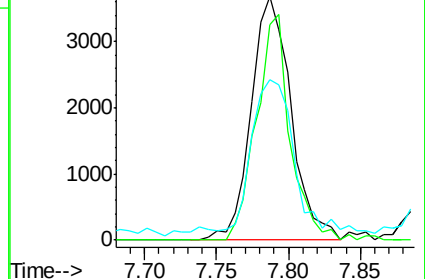
39 70.4 54.6 81.8

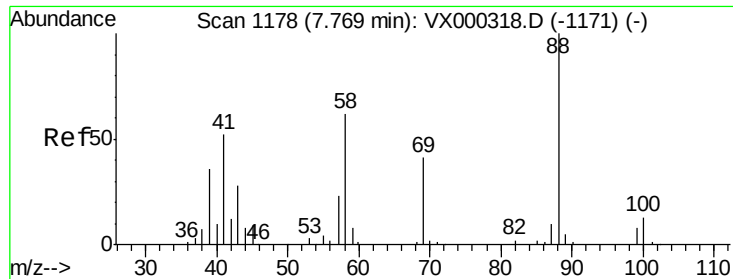


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

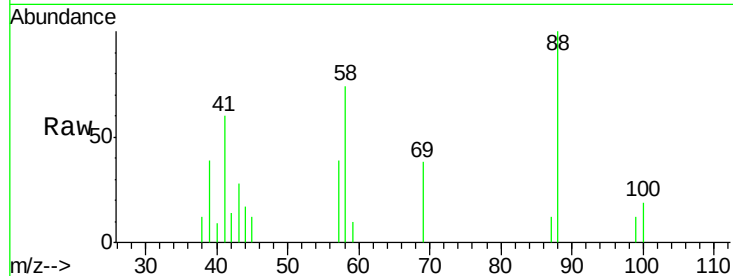




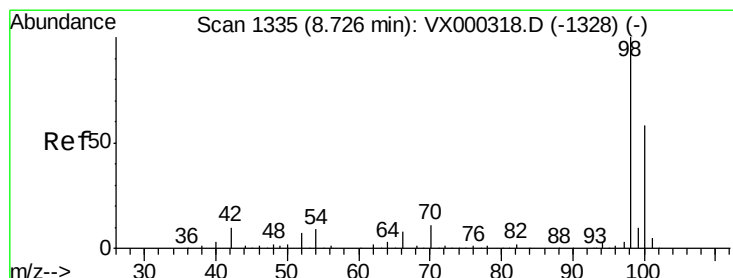
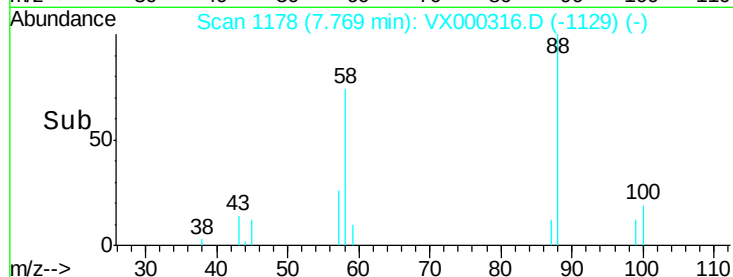
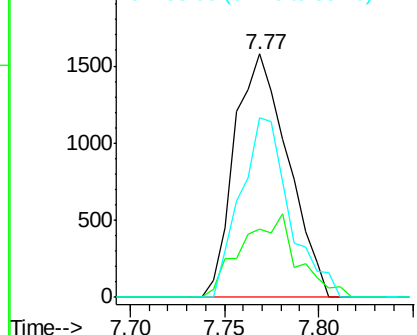
#49
1,4-Dioxane
Concen: 77.22 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 3094
Ion Ratio Lower Upper
88 100
43 35.9 26.8 40.2
58 68.0 52.2 78.2

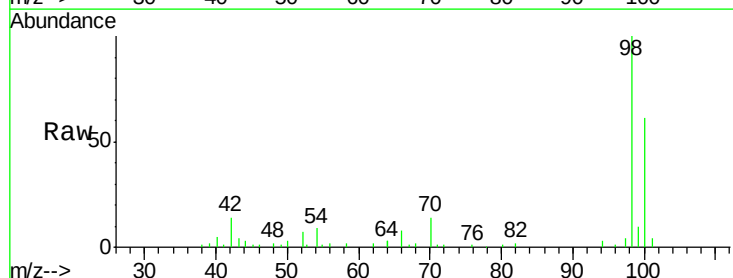


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

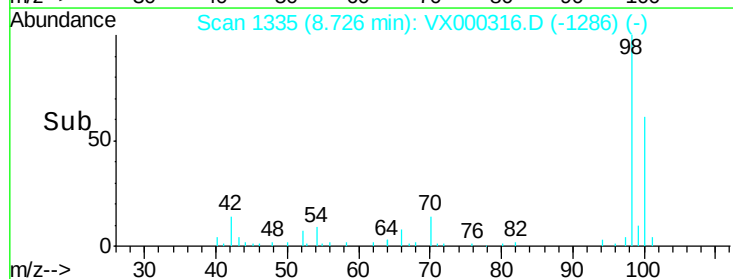
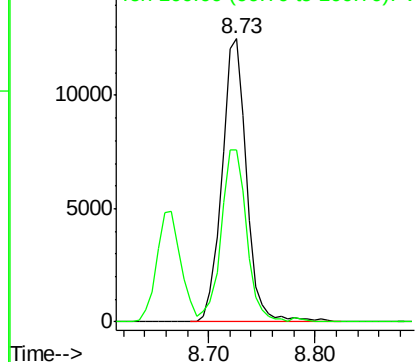


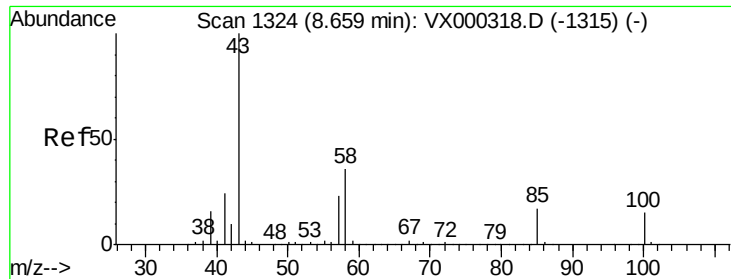
#50
Toluene-d8
Concen: 4.73 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion: 98 Resp: 20119
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 23.30 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

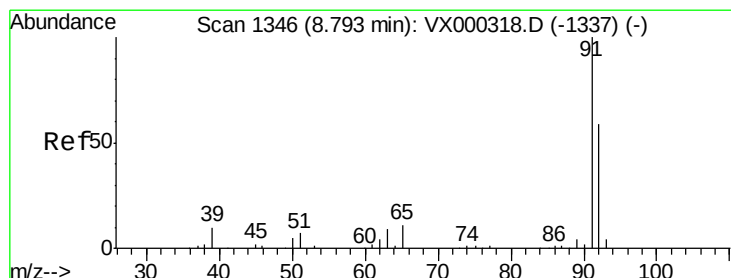
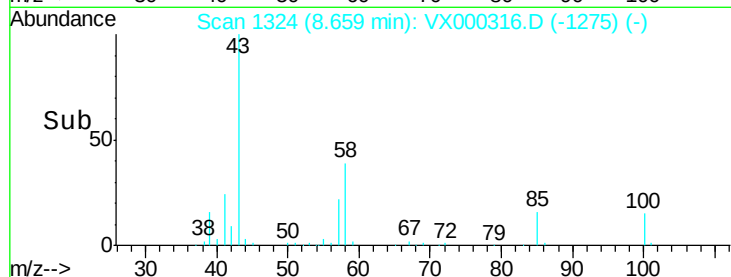
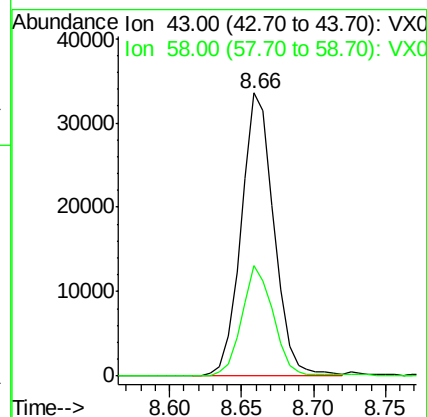
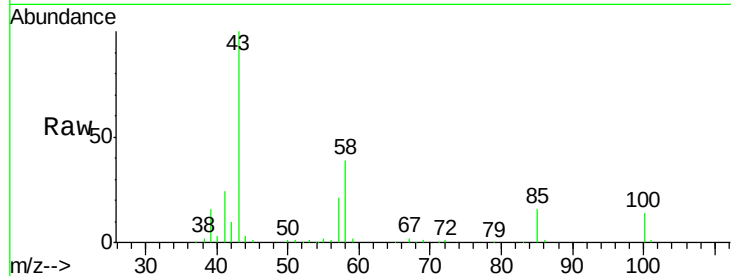
VSTDIC005

Tgt Ion: 43 Resp: 53025

Ion Ratio Lower Upper

43 100

58 37.3 30.3 45.5



#52

Toluene

Concen: 4.92 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000316.D

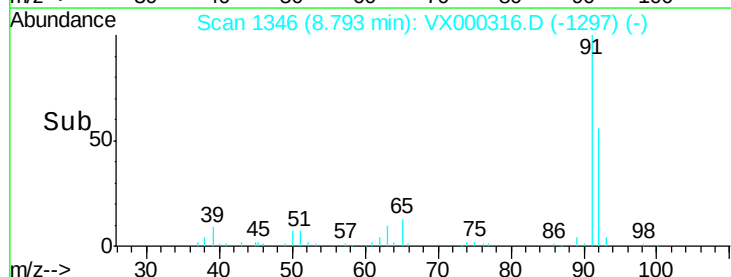
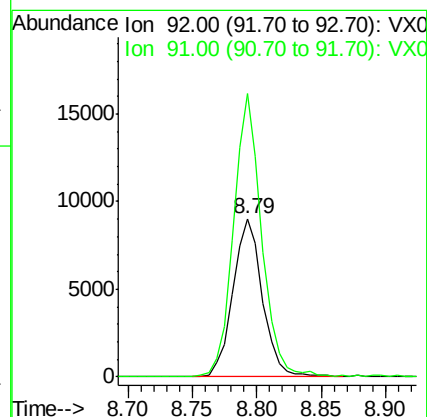
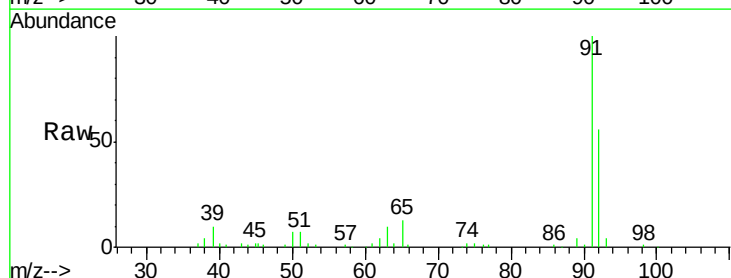
Acq: 14 Mar 2018 16:25

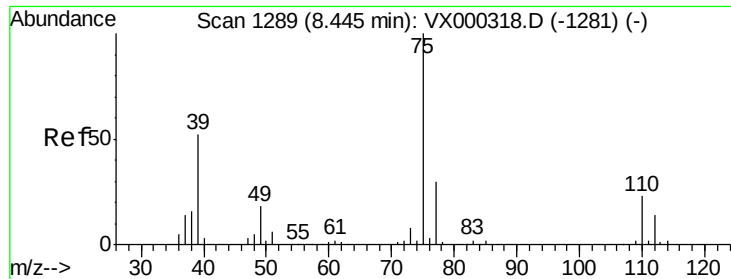
Tgt Ion: 92 Resp: 14478

Ion Ratio Lower Upper

92 100

91 169.1 140.2 210.2

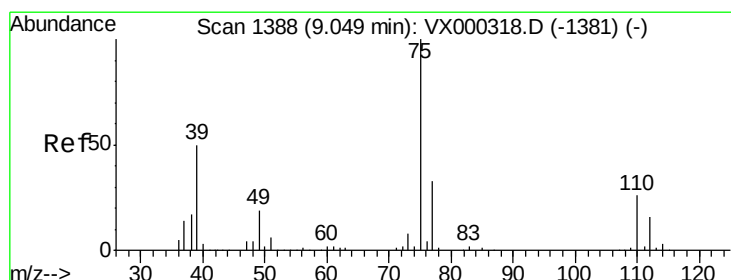
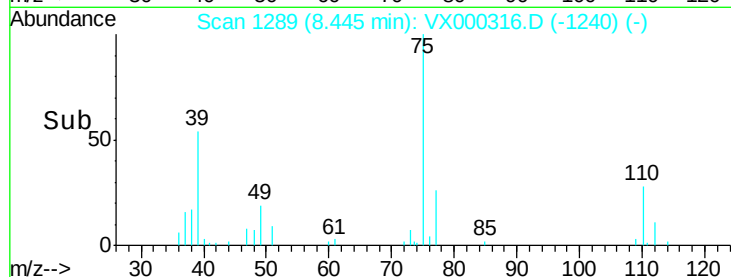
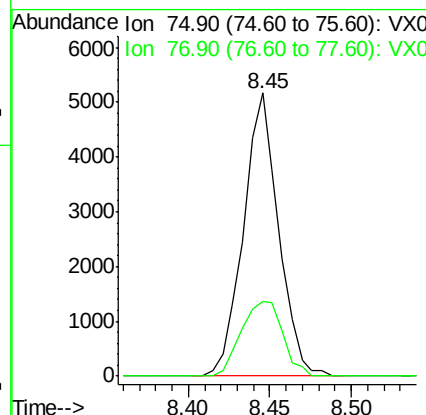
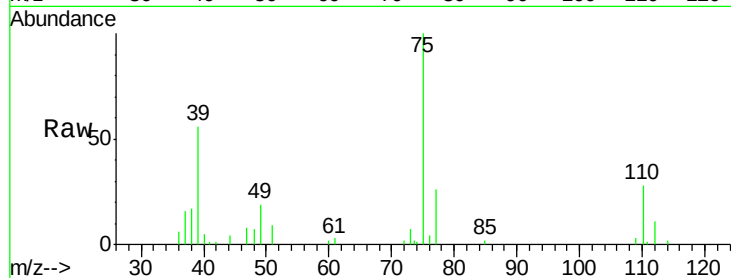




#53
t-1,3-Dichloropropene
Concen: 4.06 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

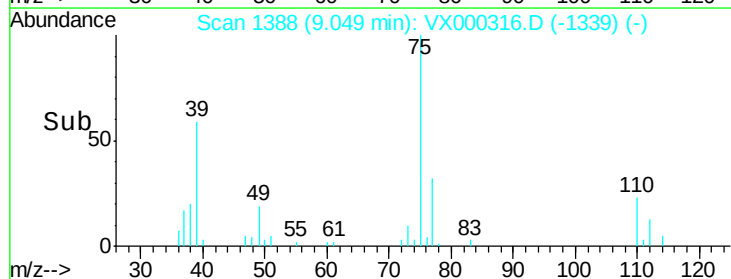
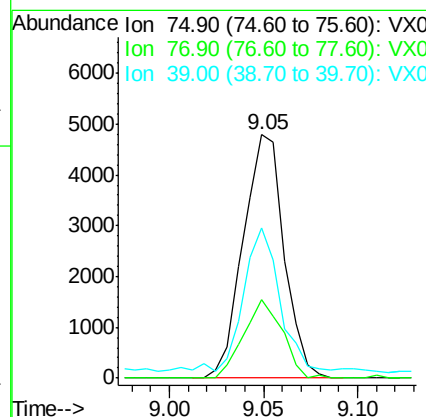
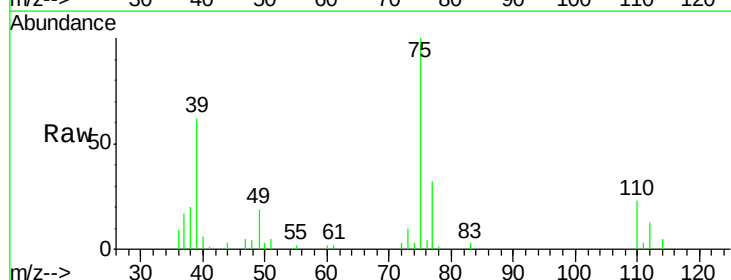
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

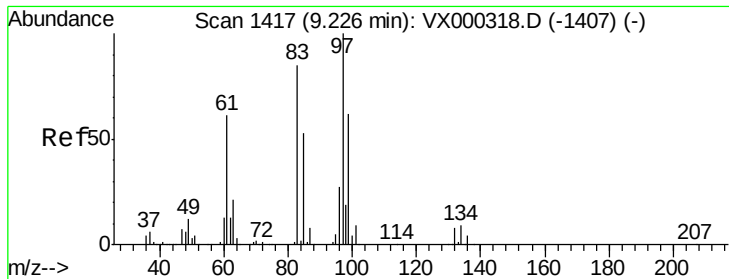
Tgt Ion: 75 Resp: 7751
Ion Ratio Lower Upper
75 100
77 26.4 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 3.85 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion: 75 Resp: 7194
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 58.5 39.8 59.6

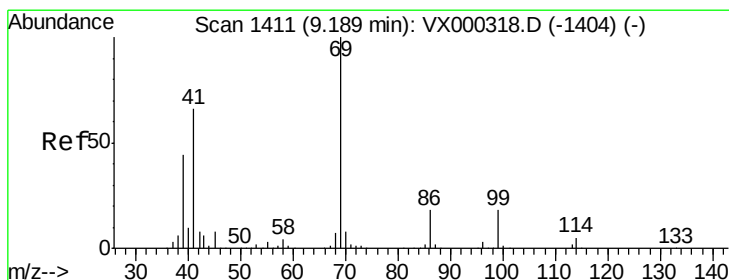
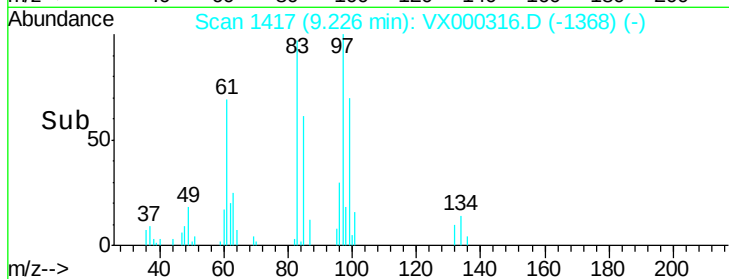
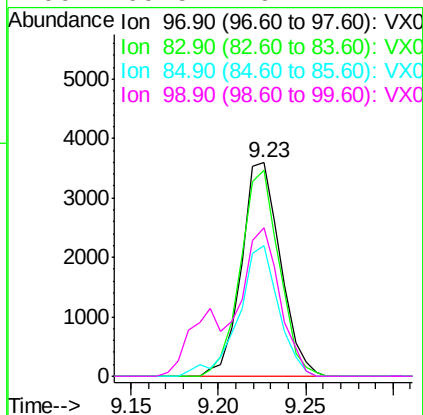
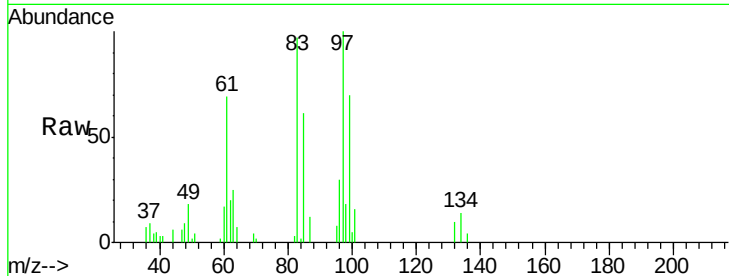




#55
 1,1,2-Trichloroethane
 Concen: 4.56 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

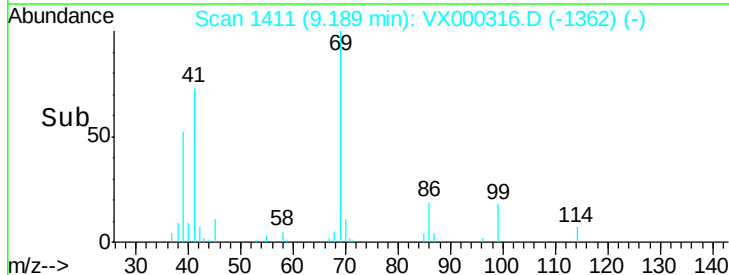
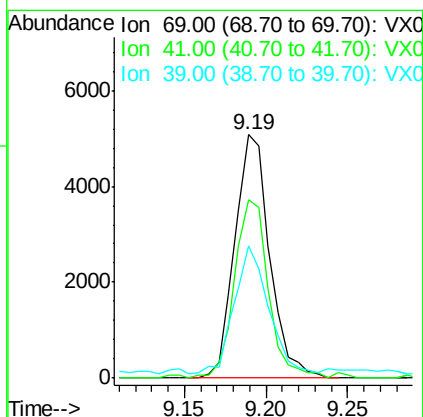
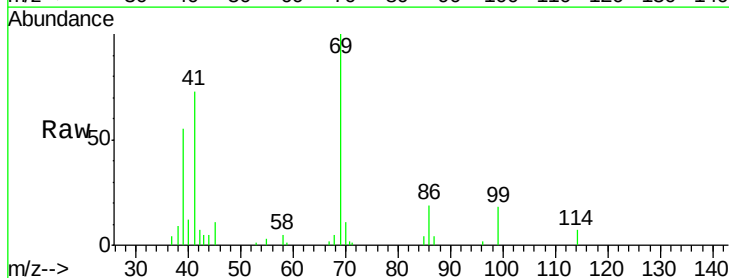
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

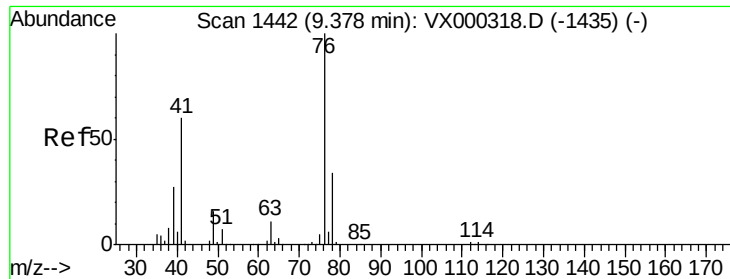
Tgt Ion:	97	Resp:	5559
Ion	Ratio	Lower	Upper
97	100		
83	96.6	67.9	101.9
85	61.3	42.8	64.2
99	69.5	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 3.89 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion:	69	Resp:	7571
Ion	Ratio	Lower	Upper
69	100		
41	71.4	53.0	79.6
39	51.8	35.3	52.9

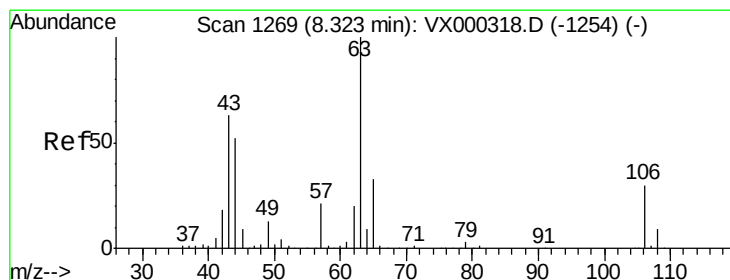
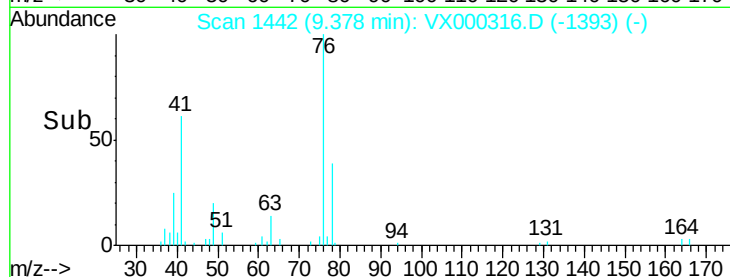
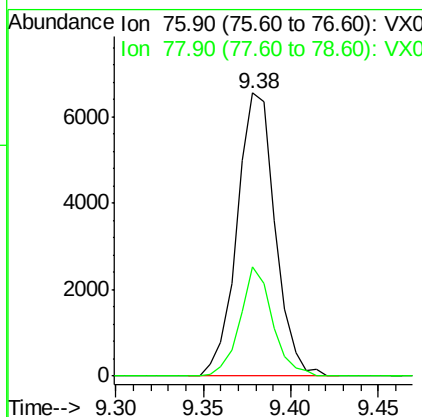
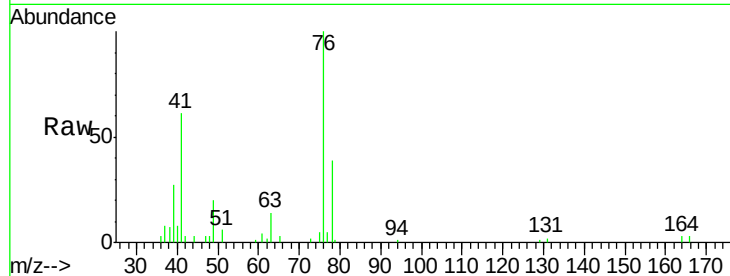




#57
 1,3-Dichloropropane
 Concen: 5.11 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

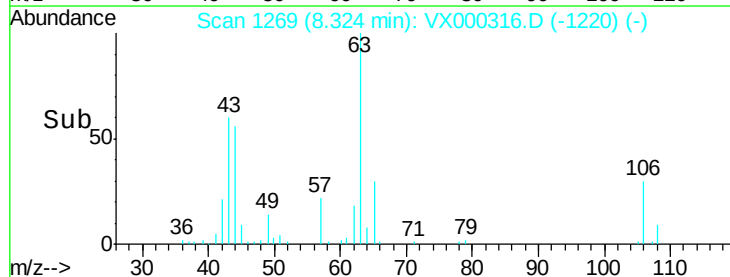
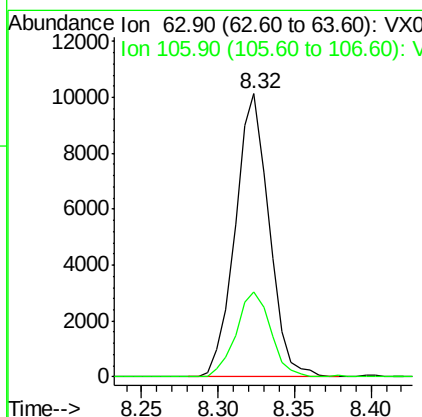
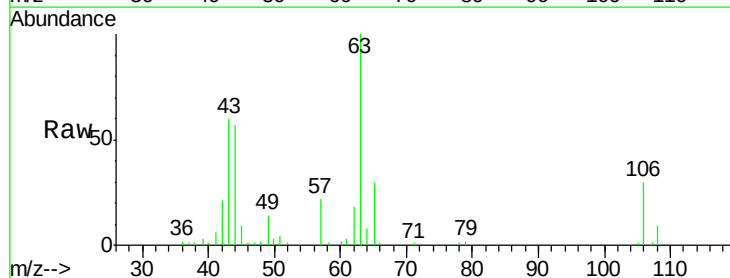
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

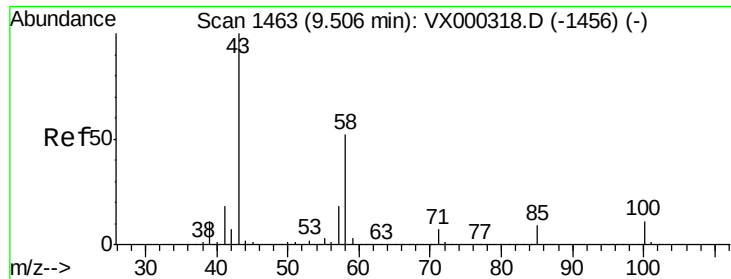
Tgt Ion: 76 Resp: 9904
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 17.06 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion: 63 Resp: 15483
 Ion Ratio Lower Upper
 63 100
 106 30.8 23.2 34.8

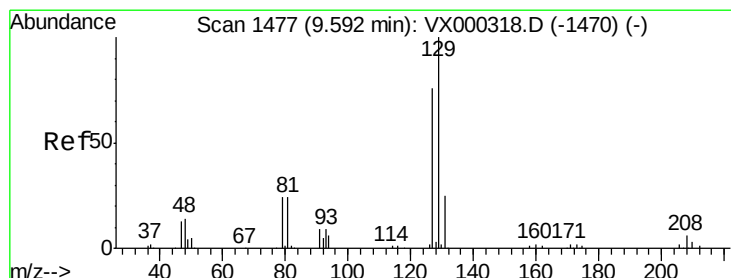
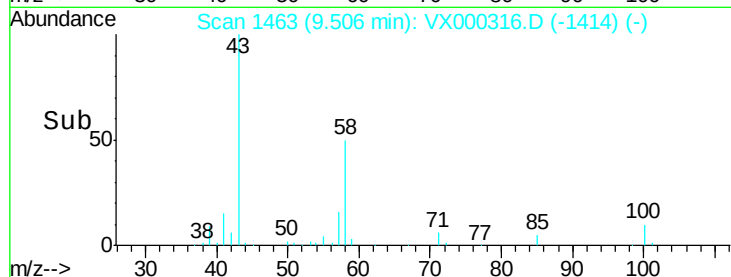
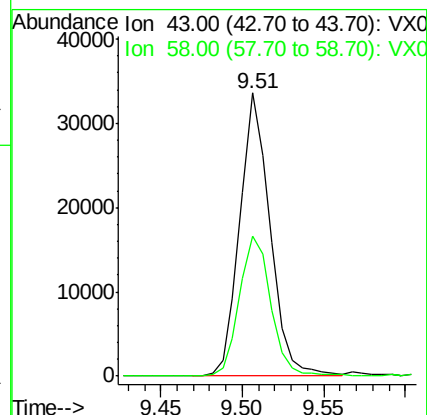
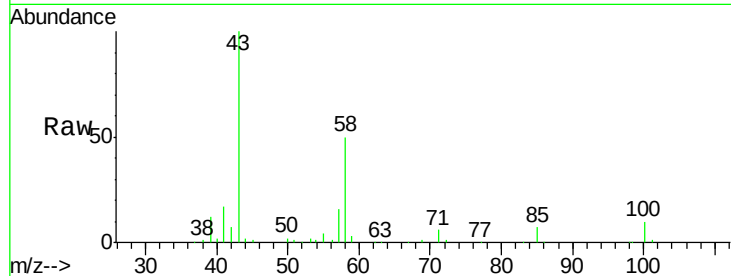




#59
2-Hexanone
Concen: 22.32 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

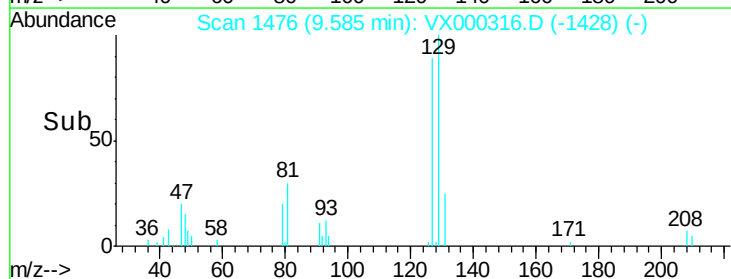
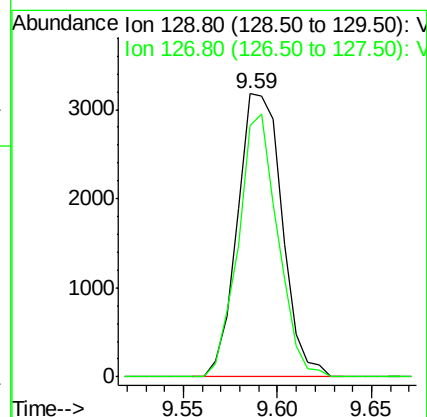
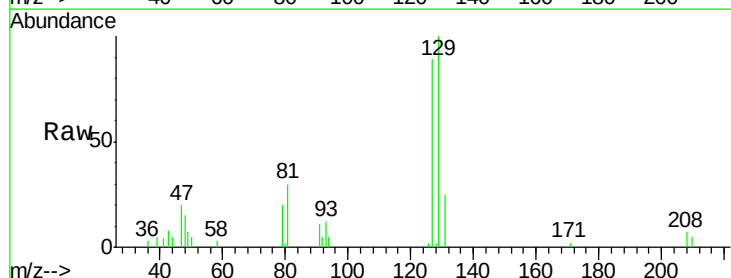
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

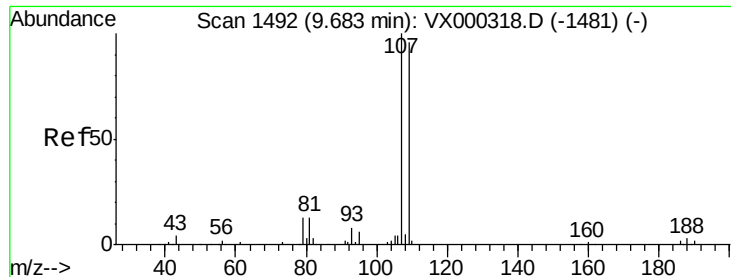
Tgt Ion: 43 Resp: 43650
Ion Ratio Lower Upper
43 100
58 51.7 26.6 79.7



#60
Dibromochloromethane
Concen: 3.64 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion: 129 Resp: 5207
Ion Ratio Lower Upper
129 100
127 82.1 37.9 113.6





#61

1,2-Dibromoethane

Concen: 4.47 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

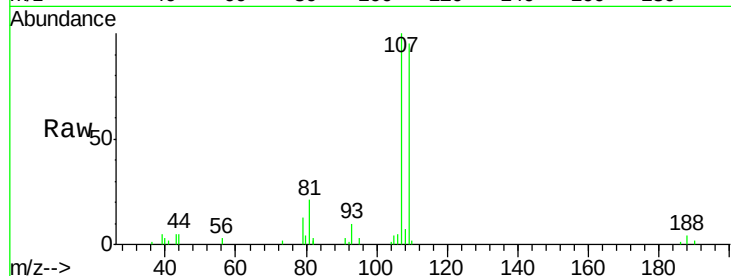
VSTDIC005

Tgt Ion: 107 Resp: 6001

Ion Ratio Lower Upper

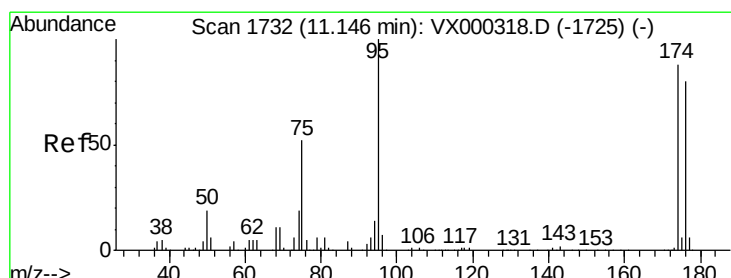
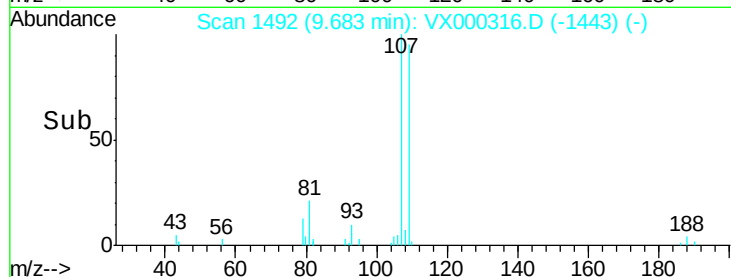
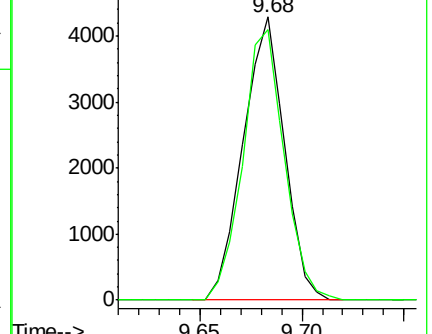
107 100

109 96.4 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.17 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

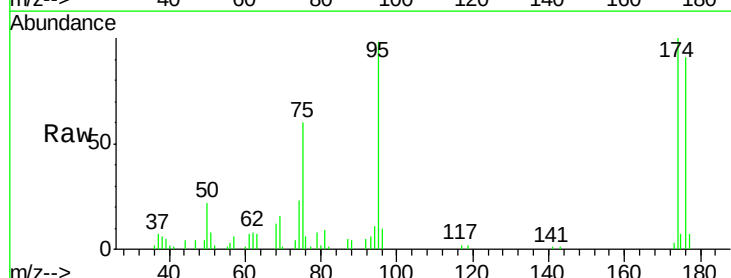
Tgt Ion: 95 Resp: 7478

Ion Ratio Lower Upper

95 100

174 85.5 0.0 173.6

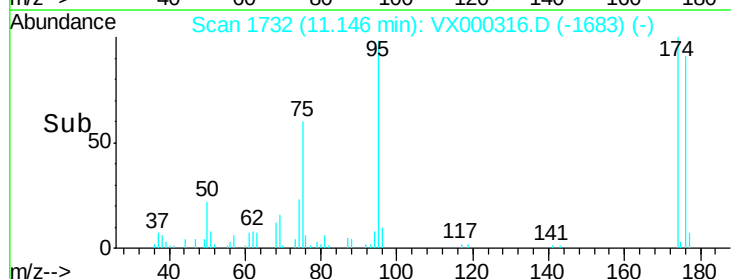
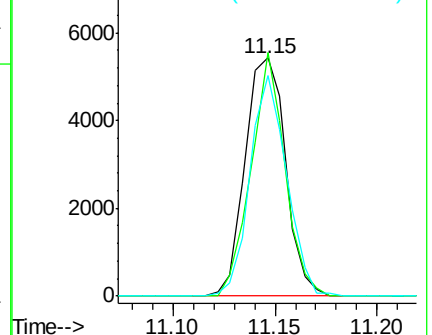
176 84.1 0.0 164.6

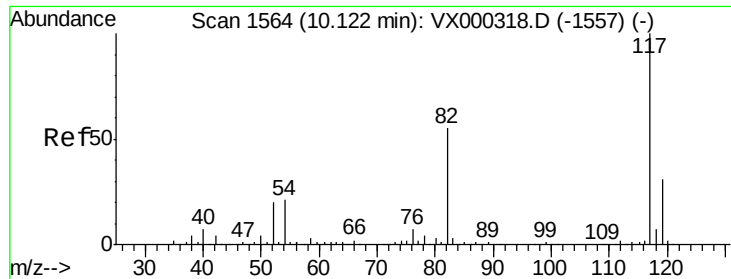


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

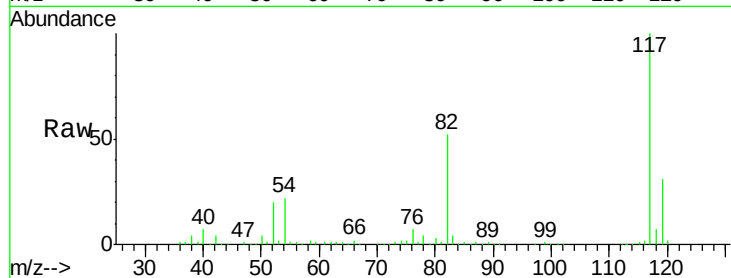




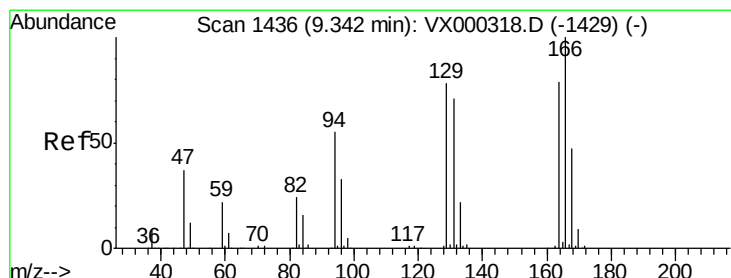
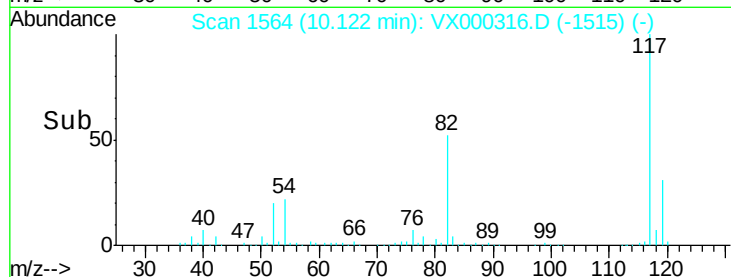
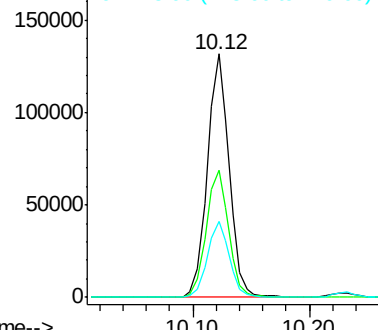
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 171625
Ion Ratio Lower Upper
117 100
82 52.4 43.8 65.8
119 31.2 24.9 37.3

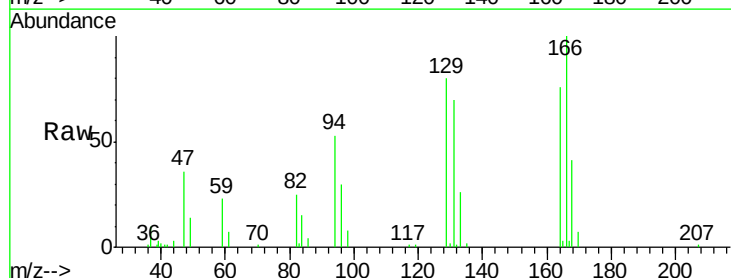


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

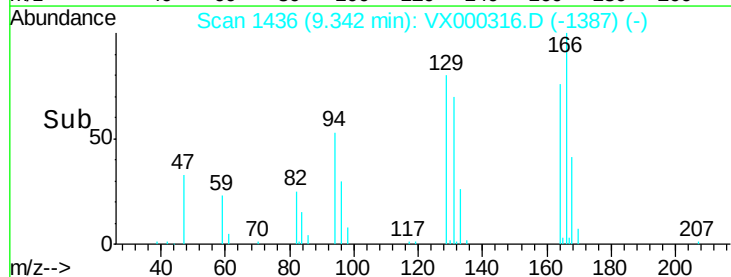
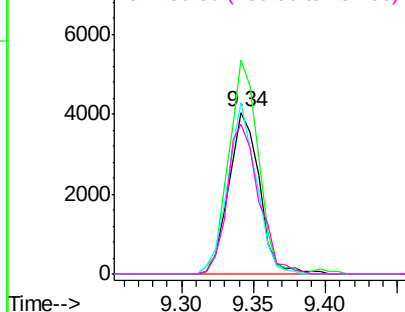


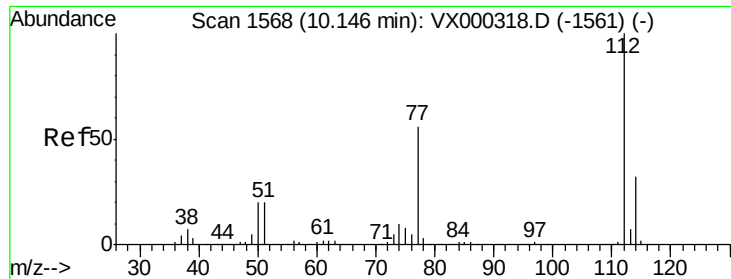
#64
Tetrachloroethene
Concen: 4.21 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion:164 Resp: 6081
Ion Ratio Lower Upper
164 100
166 132.2 101.0 151.6
129 106.0 79.0 118.4
131 93.0 71.9 107.9



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

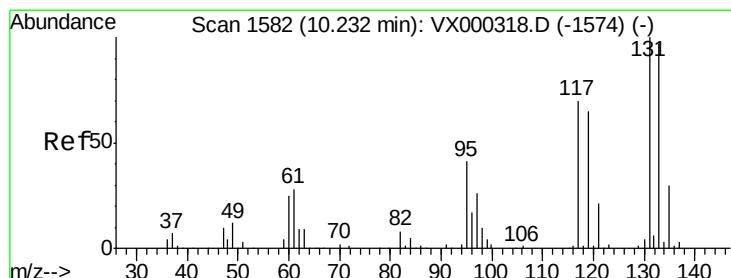
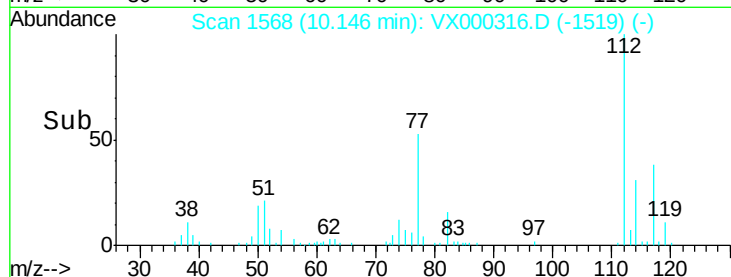
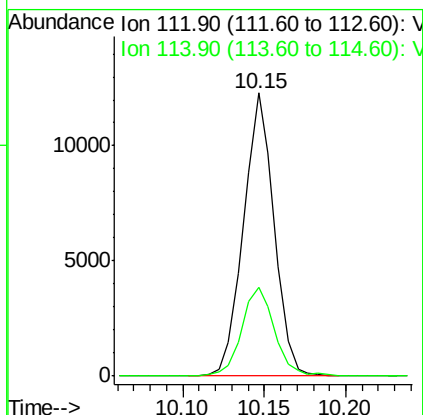
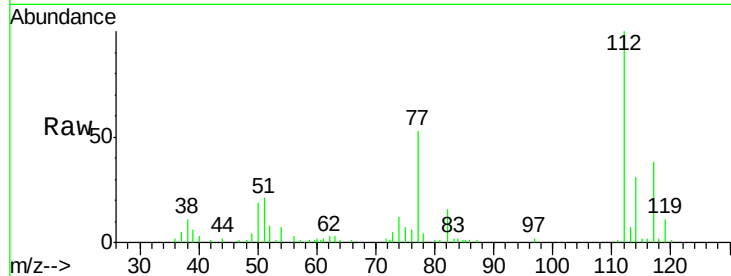




#65
Chlorobenzene
Concen: 4.45 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

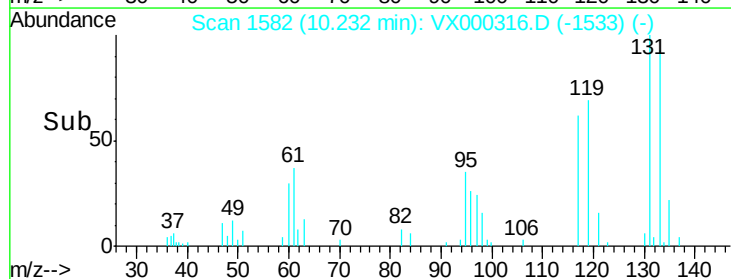
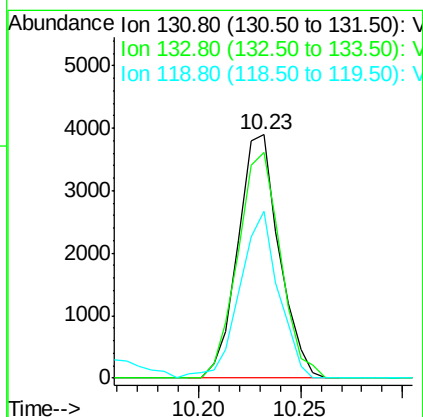
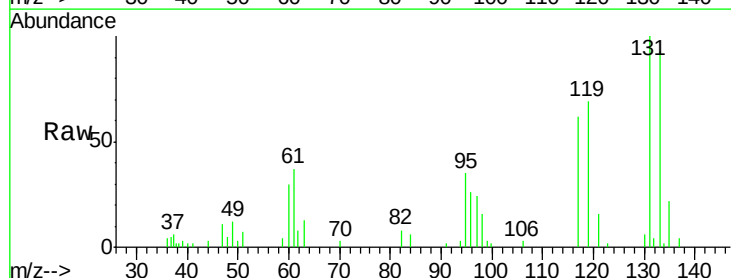
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

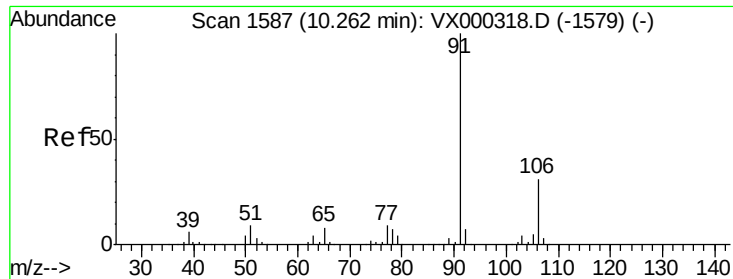
Tgt Ion:112 Resp: 16077
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.12 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion:131 Resp: 5475
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 64.6 33.1 99.2

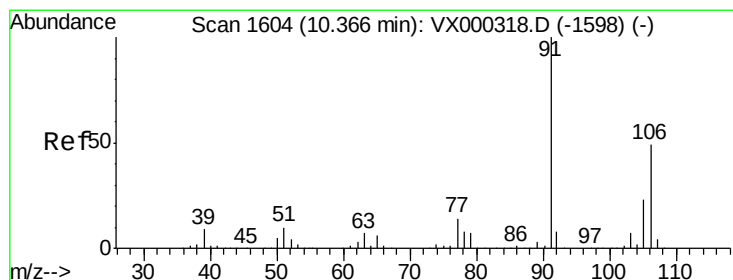
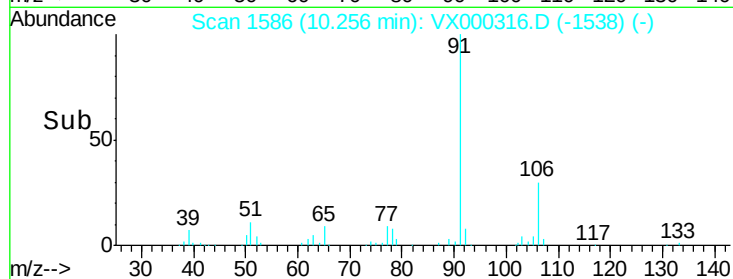
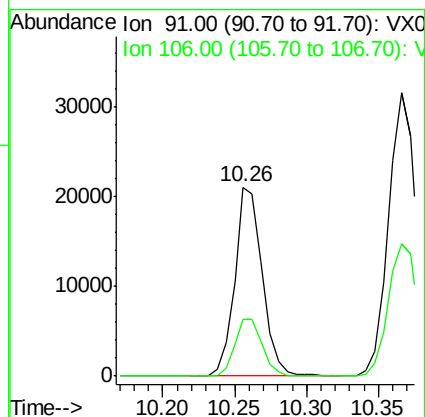
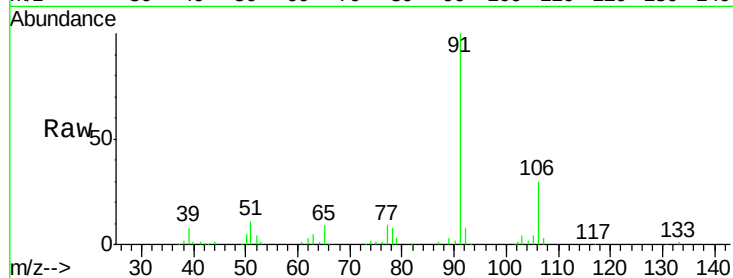




#67
Ethyl Benzene
Concen: 4.70 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

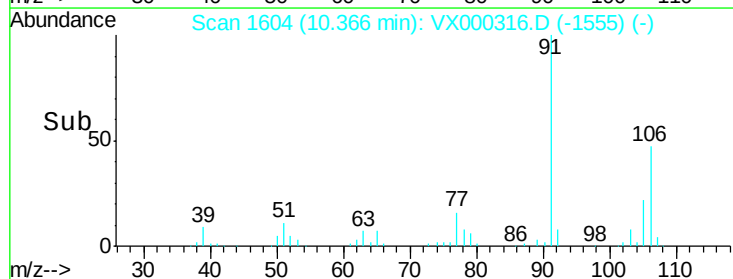
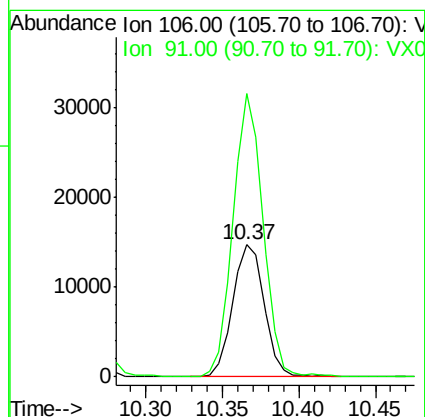
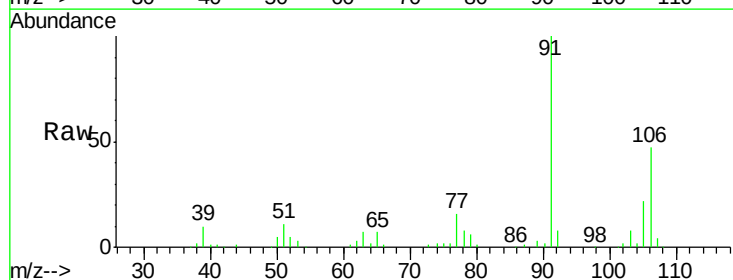
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

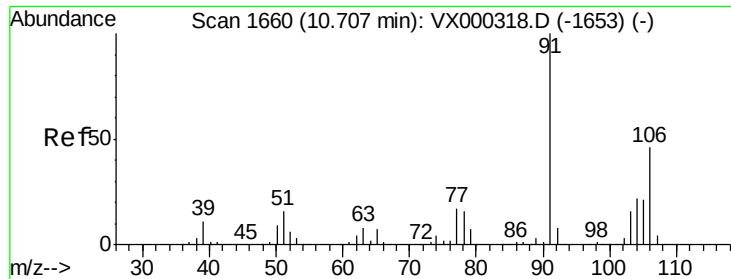
Tgt Ion: 91 Resp: 28183
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.6



#68
m/p-Xylenes
Concen: 8.84 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion: 106 Resp: 20947
Ion Ratio Lower Upper
106 100
91 205.0 163.4 245.2

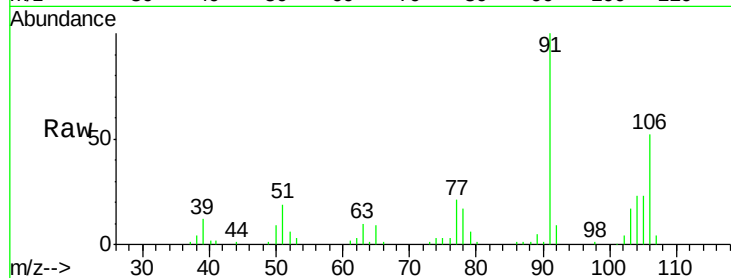




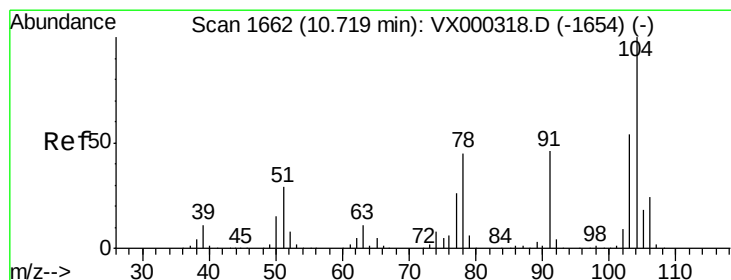
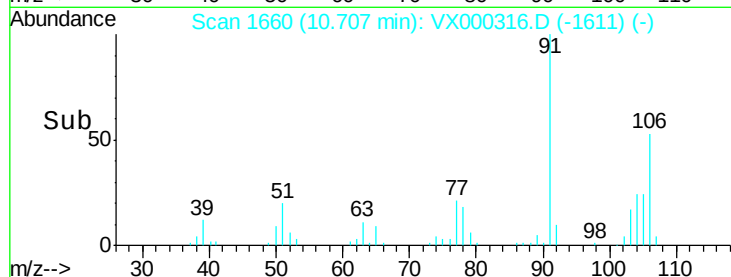
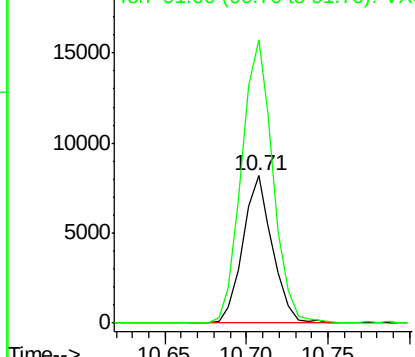
#69
o-Xylene
Concen: 4.52 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 10343
Ion Ratio Lower Upper
106 100
91 203.3 106.5 319.6

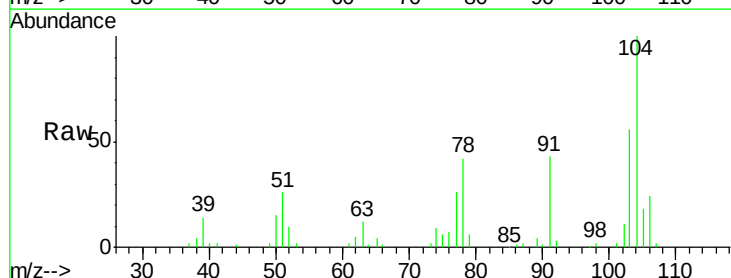


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

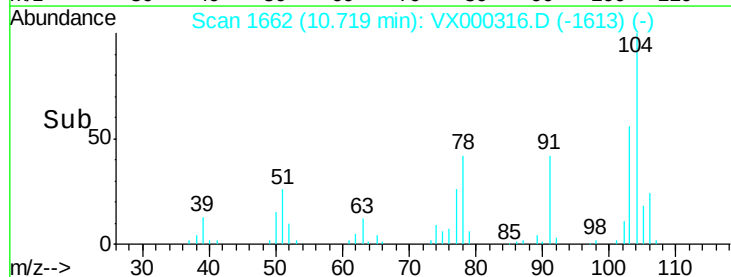
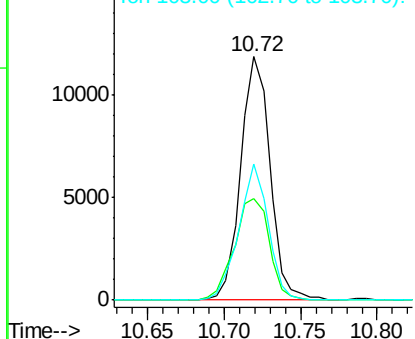


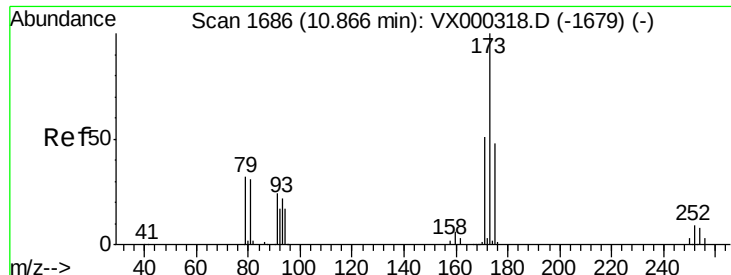
#70
Styrene
Concen: 4.12 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion:104 Resp: 15835
Ion Ratio Lower Upper
104 100
78 49.7 40.5 60.7
103 55.8 45.7 68.5



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

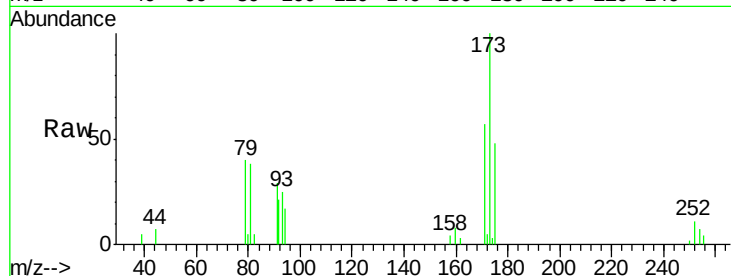




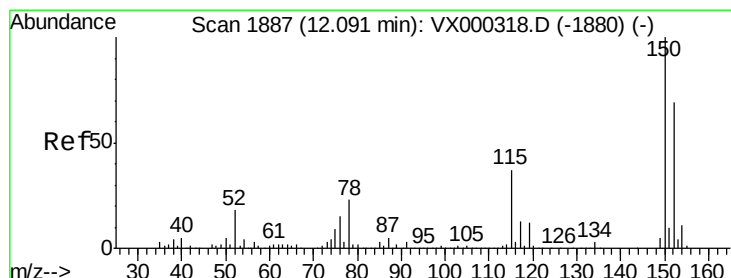
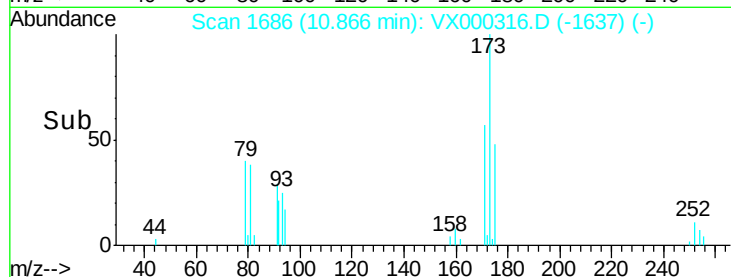
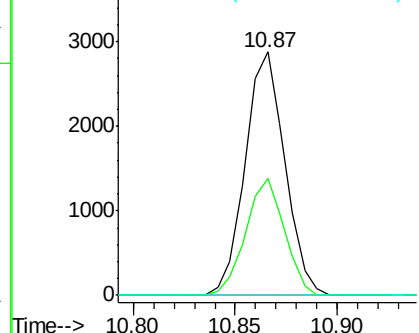
#71
Bromoform
Concen: 2.77 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 3881
Ion Ratio Lower Upper
173 100
175 46.7 25.4 76.4
254 0.0 0.0 0.0

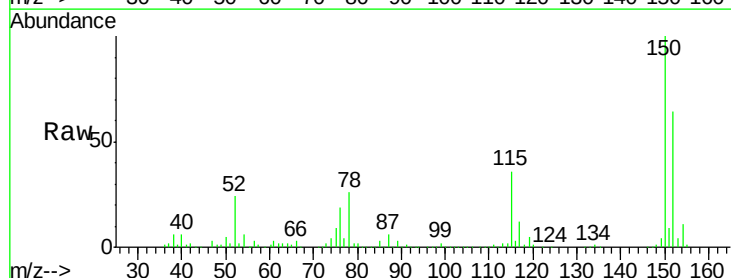


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

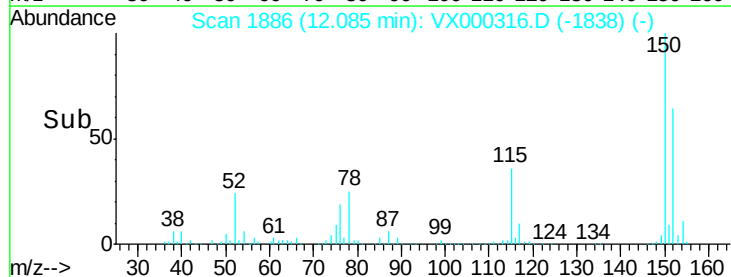
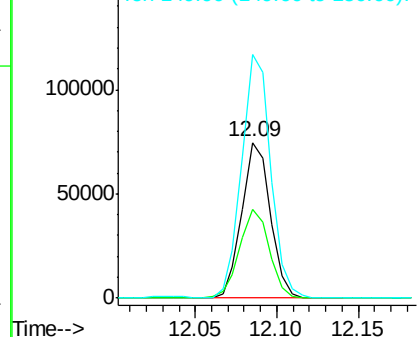


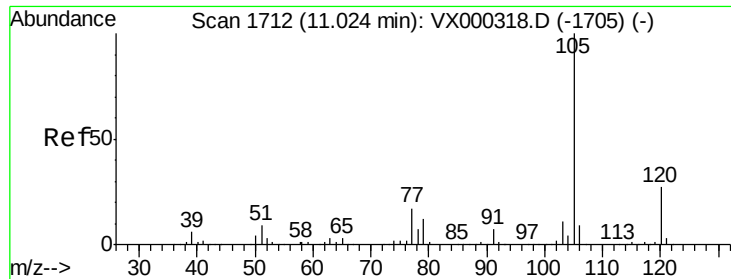
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000316.D
Acq: 14 Mar 2018 16:25

Tgt Ion:152 Resp: 91862
Ion Ratio Lower Upper
152 100
115 59.2 39.8 119.3
150 158.7 0.0 344.4



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: 4.92 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

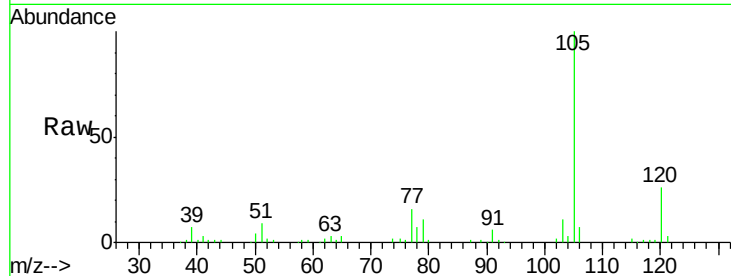
VSTDIC005

Tgt Ion: 105 Resp: 27209

Ion Ratio Lower Upper

105 100

120 26.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

25000

20000

15000

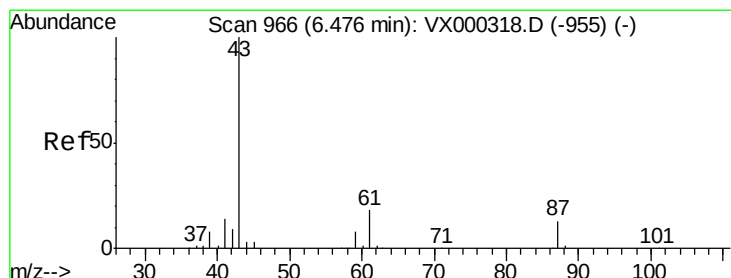
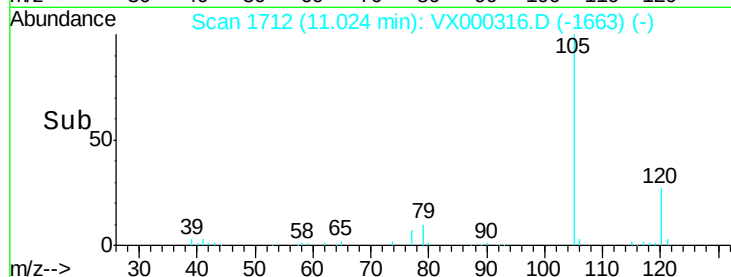
10000

5000

0

Time-->

10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 4.74 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Tgt Ion: 43 Resp: 13833

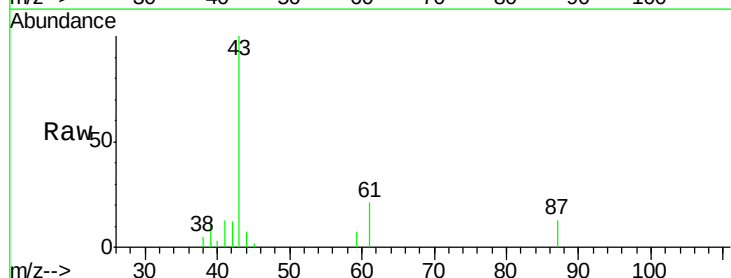
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.1 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

8000

6000

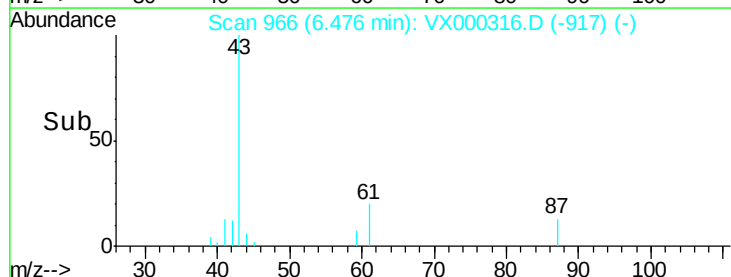
4000

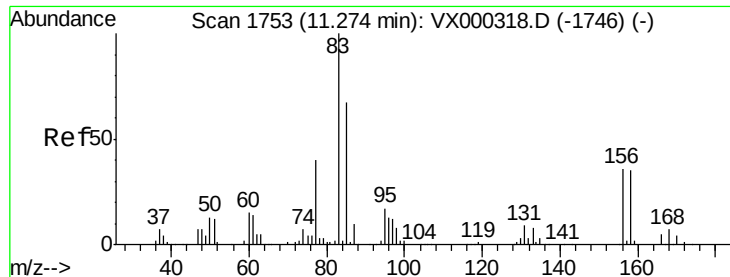
2000

0

Time-->

6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 4.80 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

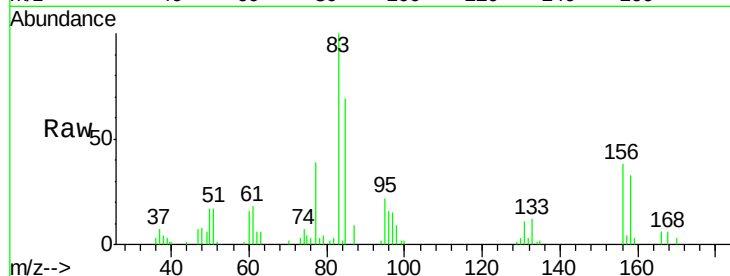
Tgt Ion: 83 Resp: 9331

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

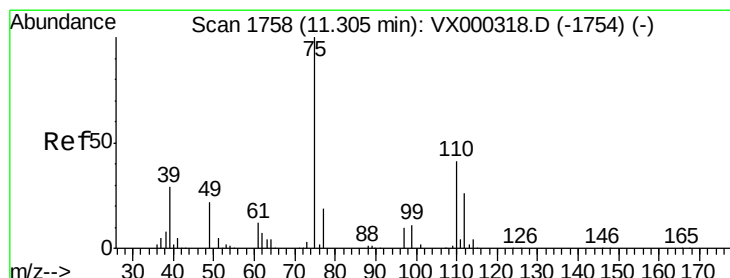
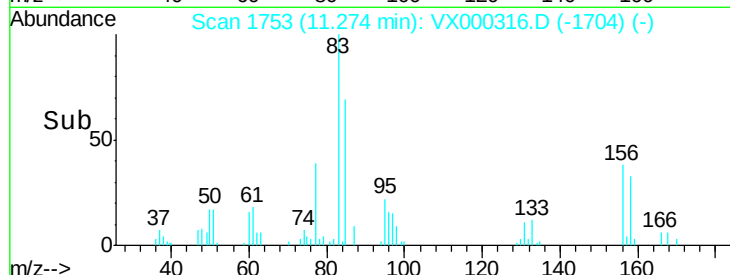
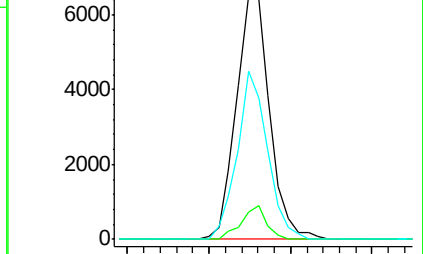
85 62.5 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 4.69 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000316.D

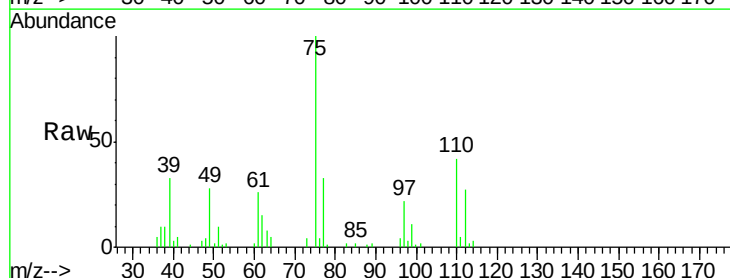
Acq: 14 Mar 2018 16:25

Tgt Ion: 75 Resp: 11085

Ion Ratio Lower Upper

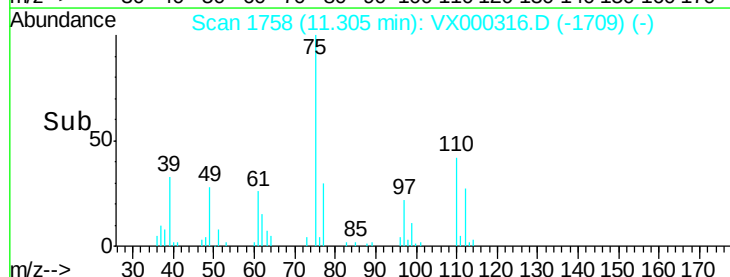
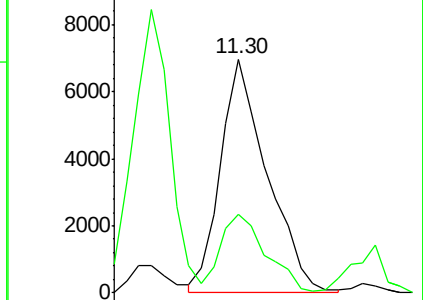
75 100

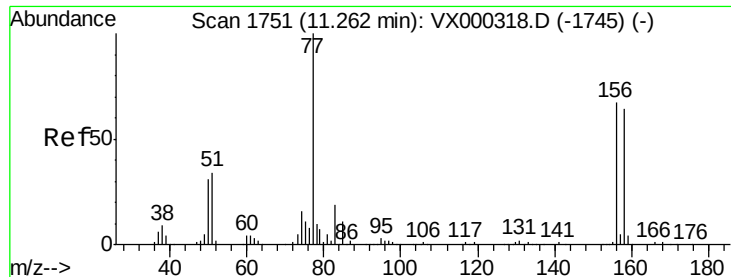
77 33.0 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 4.65 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

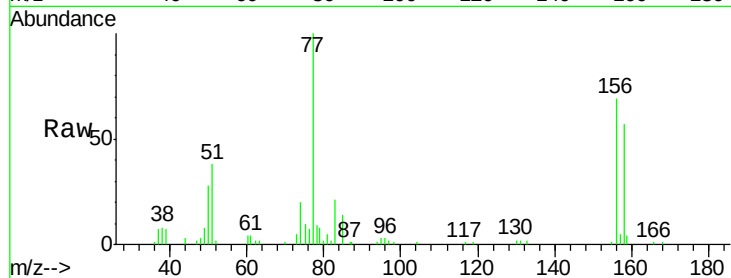
Tgt Ion:156 Resp: 7316

Ion Ratio Lower Upper

156 100

77 145.5 73.4 220.2

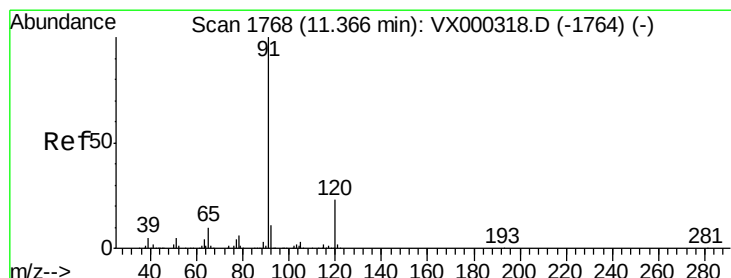
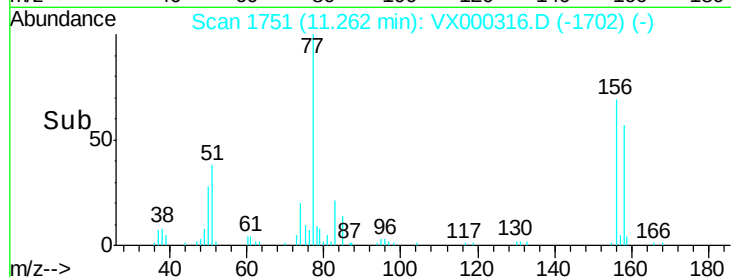
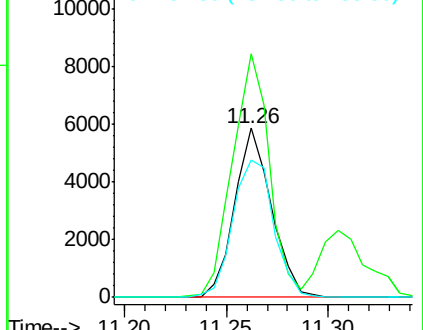
158 90.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.06 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000316.D

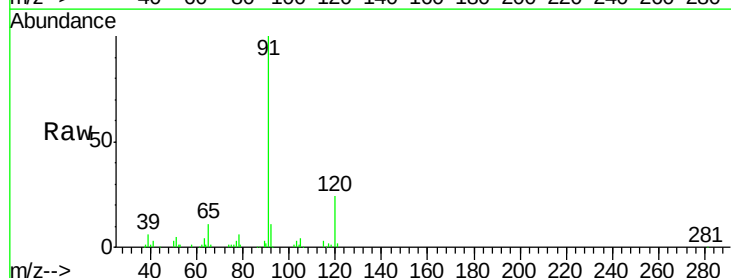
Acq: 14 Mar 2018 16:25

Tgt Ion: 91 Resp: 32936

Ion Ratio Lower Upper

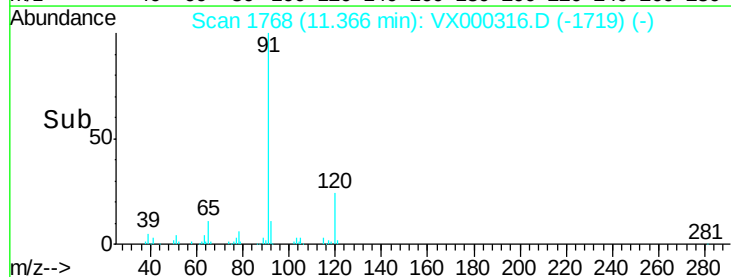
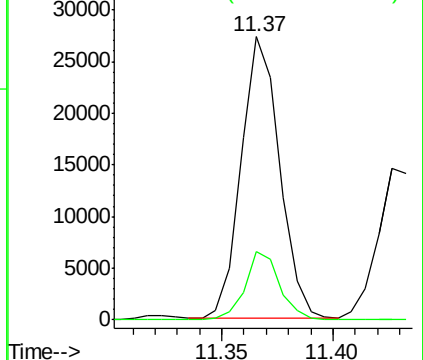
91 100

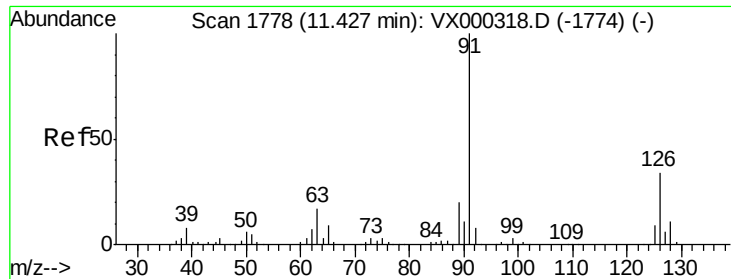
120 21.8 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

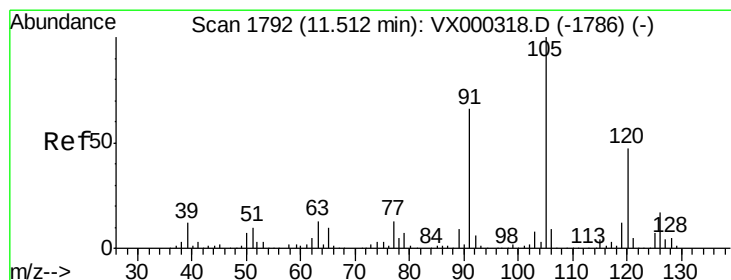
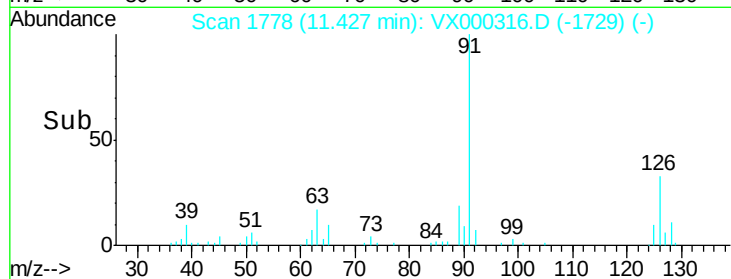
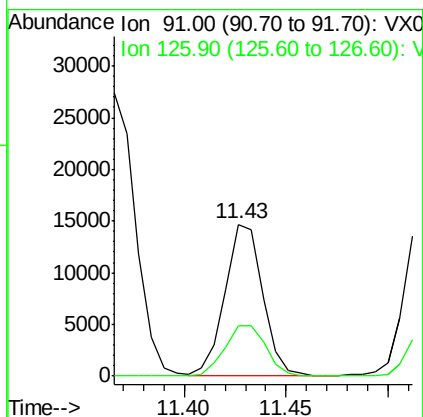
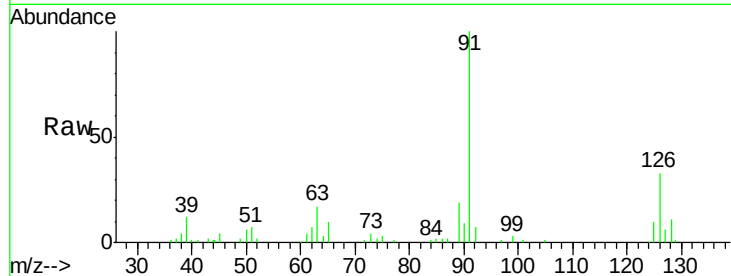




#79
 2-Chlorotoluene
 Concen: 4.98 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

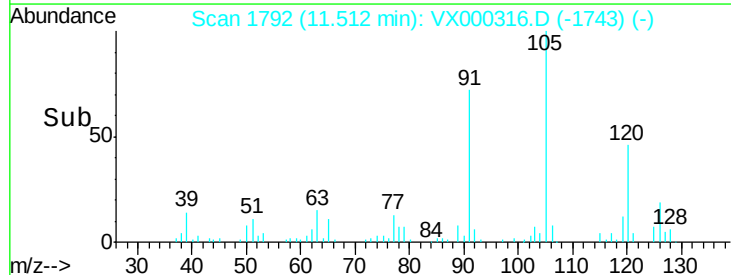
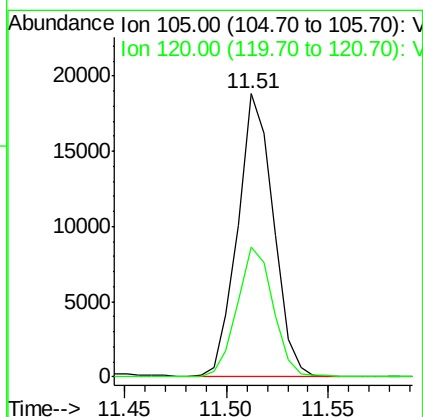
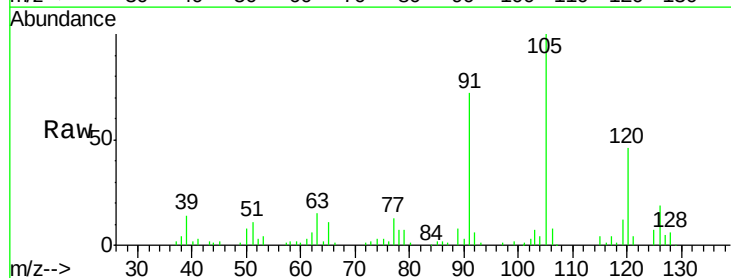
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

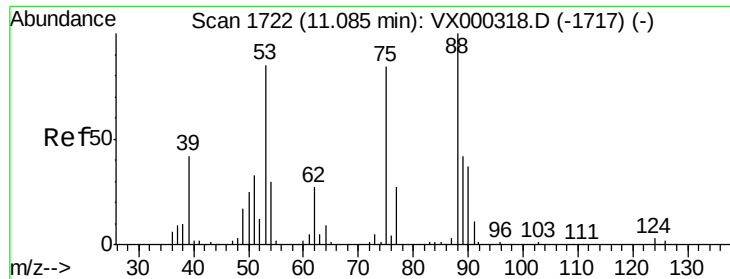
Tgt Ion: 91 Resp: 18642
 Ion Ratio Lower Upper
 91 100
 126 37.0 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 4.84 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion: 105 Resp: 22864
 Ion Ratio Lower Upper
 105 100
 120 46.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 3.32 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

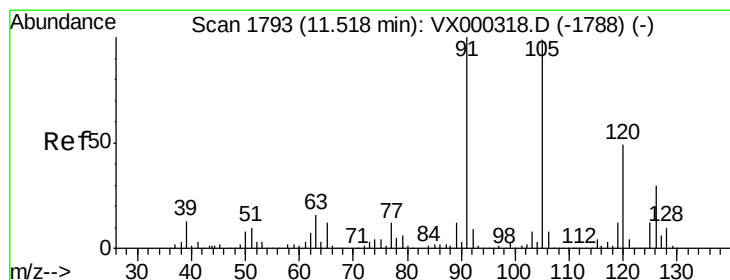
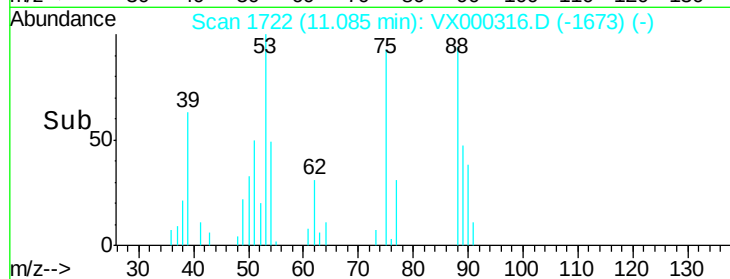
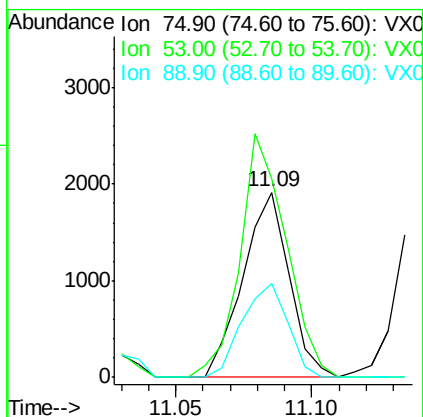
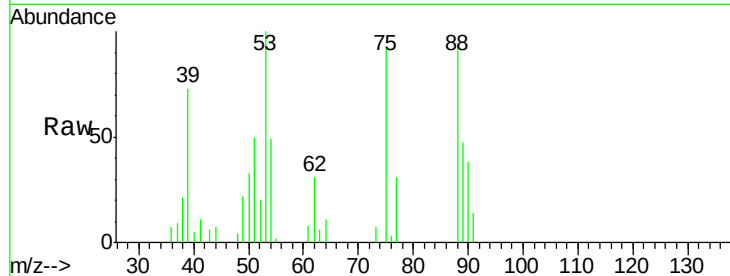
Tgt Ion: 75 Resp: 2259

Ion Ratio Lower Upper

75 100

53 130.9 80.7 121.1#

89 49.9 39.4 59.0



#82

4-Chlorotoluene

Concen: 5.11 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000316.D

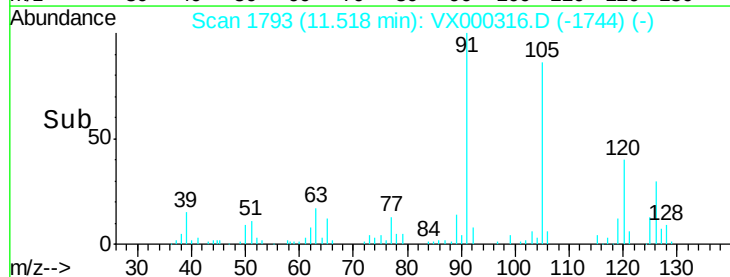
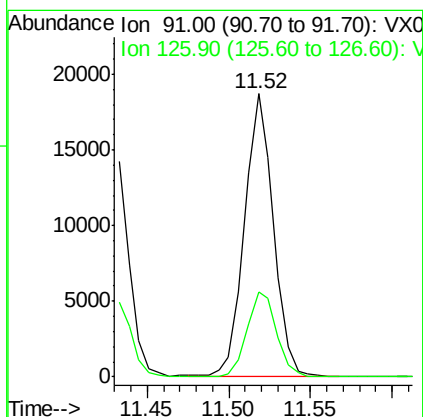
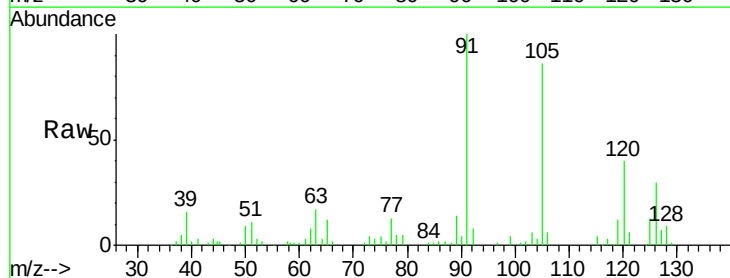
Acq: 14 Mar 2018 16:25

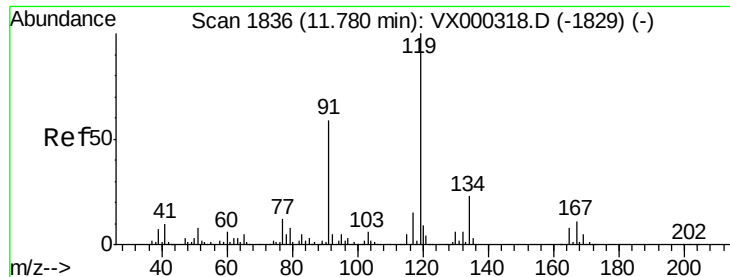
Tgt Ion: 91 Resp: 23230

Ion Ratio Lower Upper

91 100

126 30.3 15.4 46.1

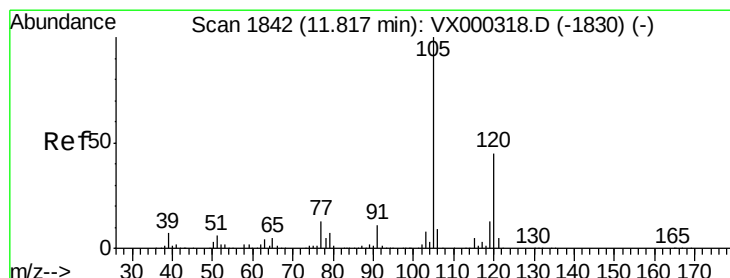
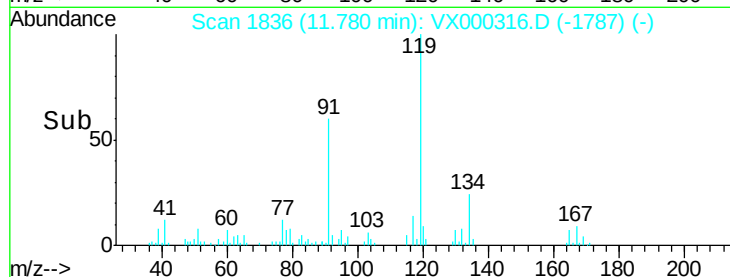
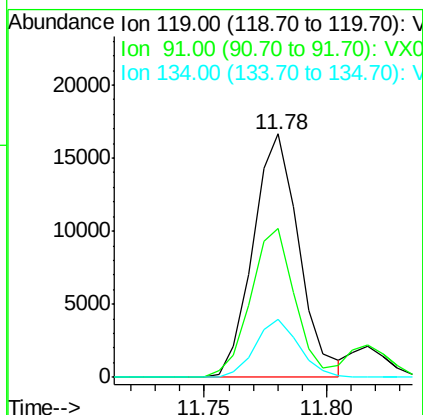
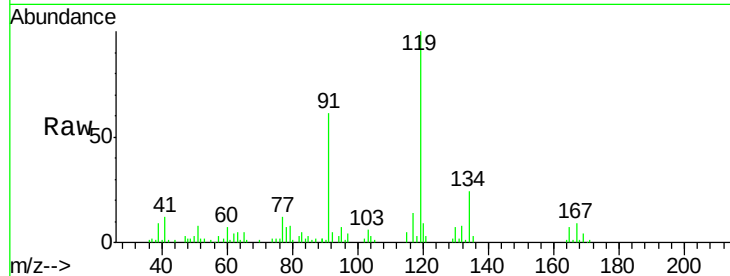




#83
 tert-Butylbenzene
 Concen: 4.50 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

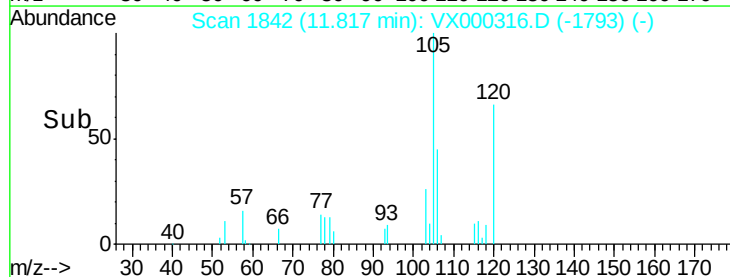
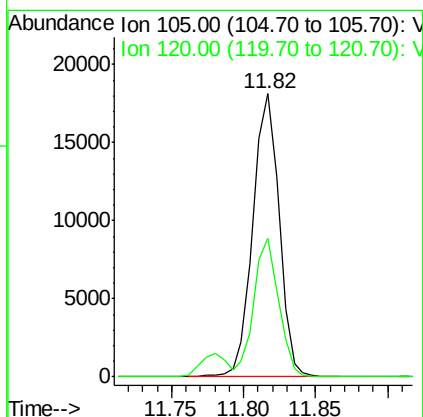
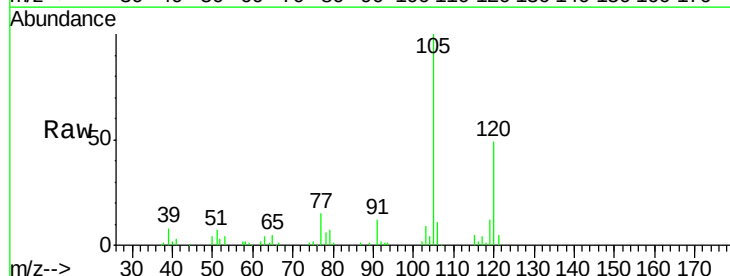
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

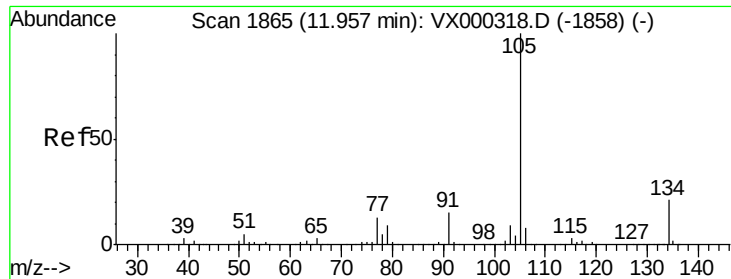
Tgt Ion:119 Resp: 21676
 Ion Ratio Lower Upper
 119 100
 91 58.9 28.8 86.4
 134 22.8 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.64 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion:105 Resp: 22765
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.3

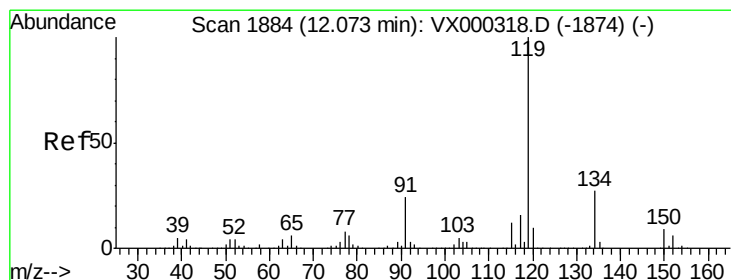
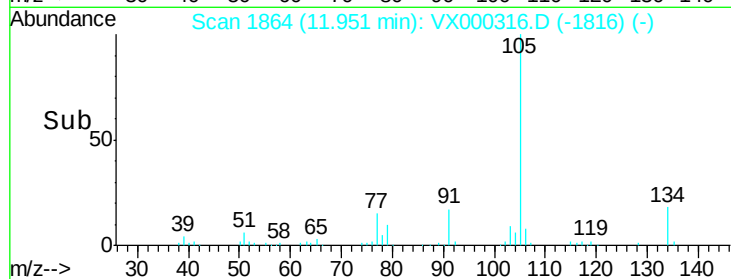
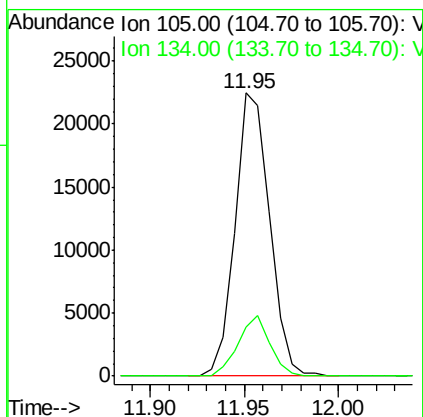
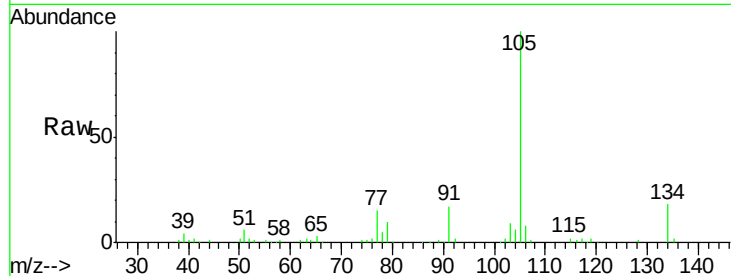




#85
 sec-Butylbenzene
 Concen: 4.89 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

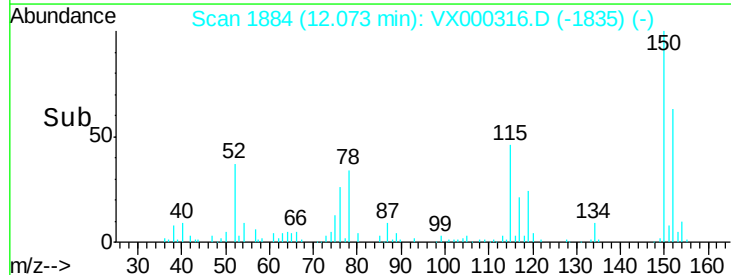
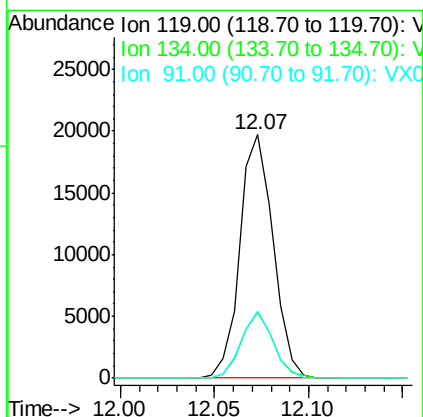
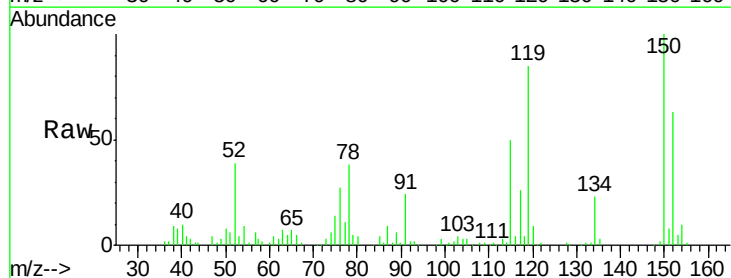
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

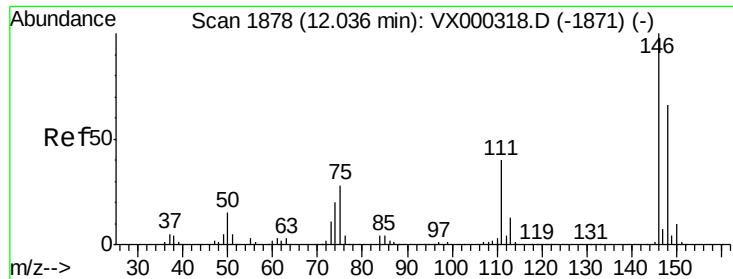
Tgt Ion:105 Resp: 28538
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 4.44 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion:119 Resp: 24092
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 26.1 12.0 36.1

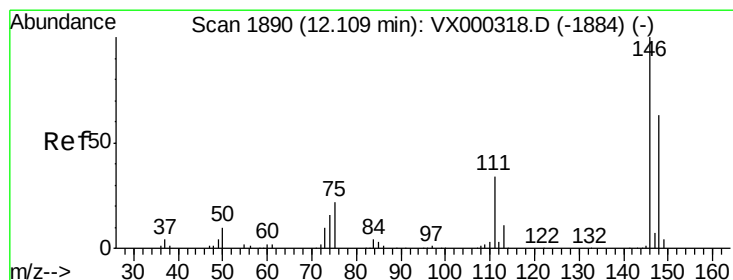
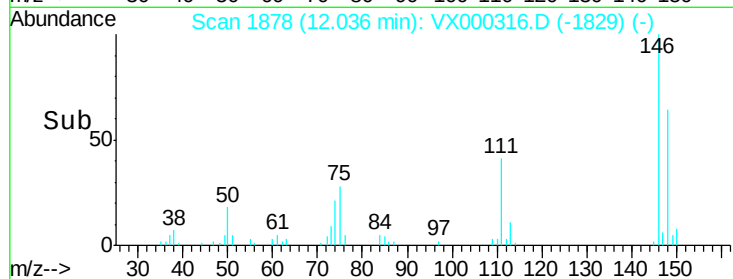
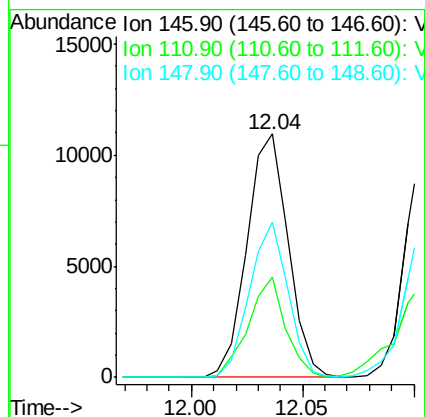
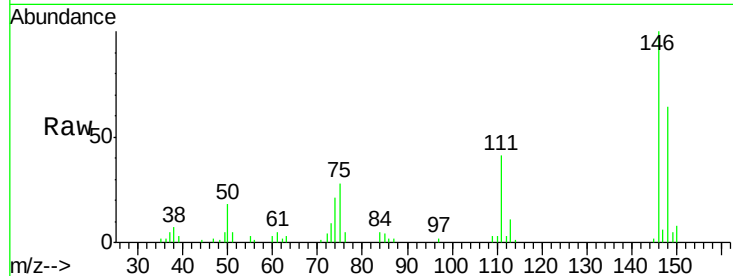




#87
 1,3-Dichlorobenzene
 Concen: 4.66 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

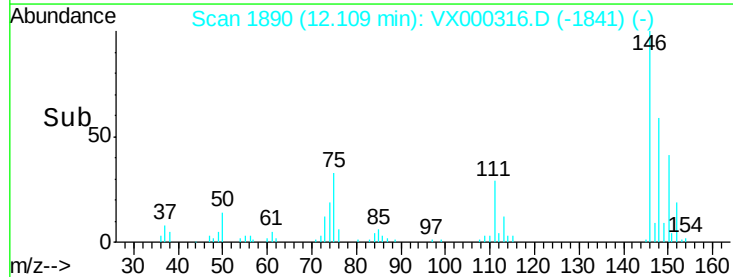
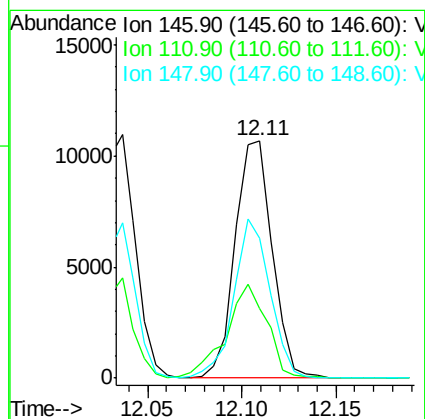
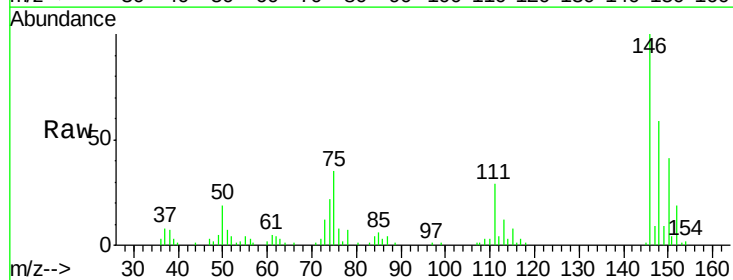
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

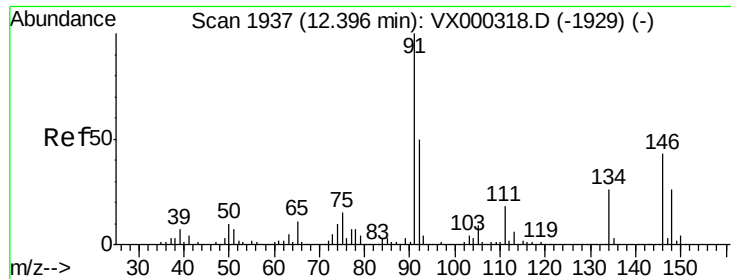
Tgt Ion:146 Resp: 14115
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.5 58.5
 148 60.0 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 4.63 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion:146 Resp: 14606
 Ion Ratio Lower Upper
 146 100
 111 43.6 18.9 56.9
 148 65.3 31.0 93.0





#89

n-Butylbenzene

Concen: 4.72 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

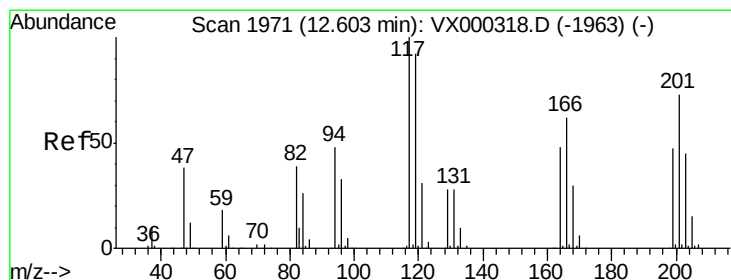
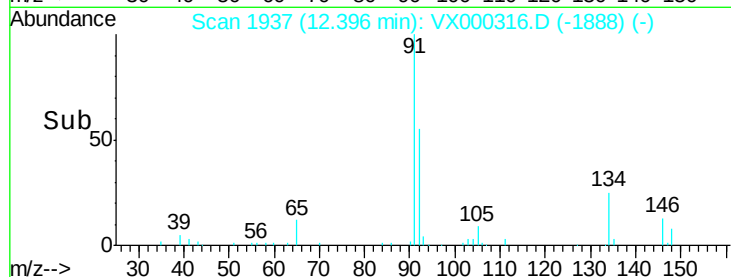
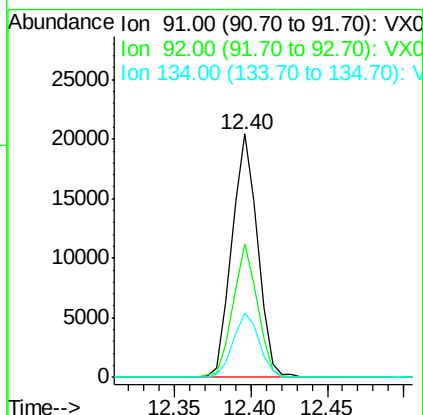
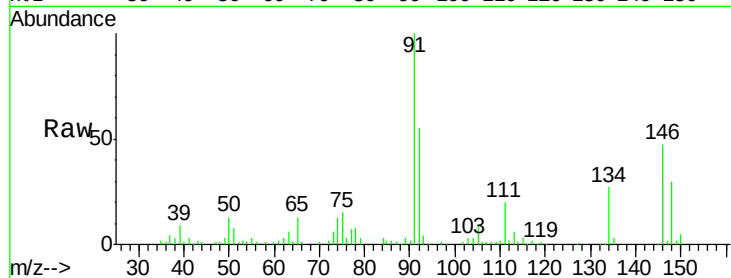
Tgt Ion: 91 Resp: 23715

Ion Ratio Lower Upper

91 100

92 52.3 25.9 77.8

134 26.8 13.1 39.3



#90

Hexachloroethane

Concen: 3.96 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX000316.D

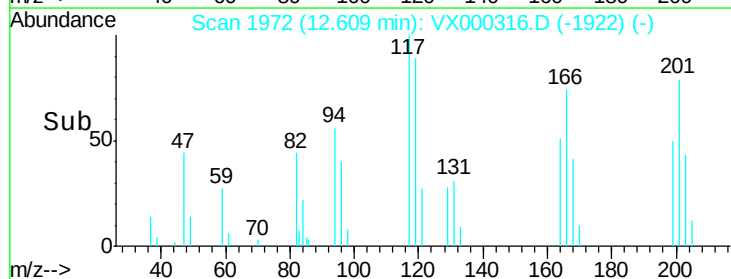
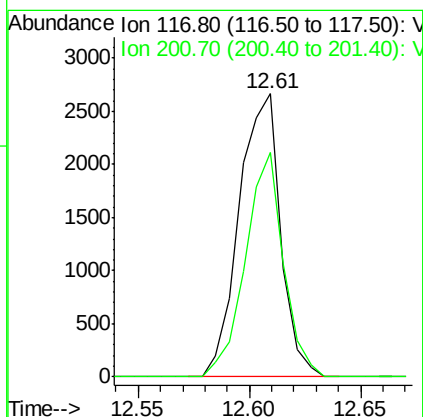
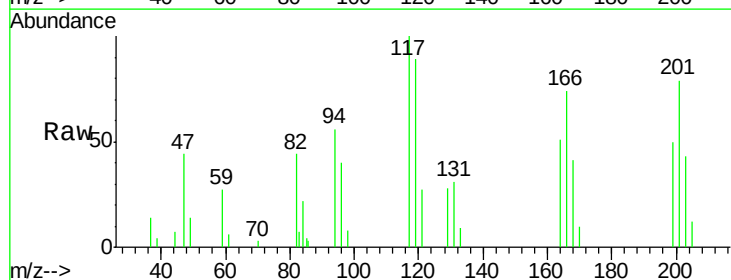
Acq: 14 Mar 2018 16:25

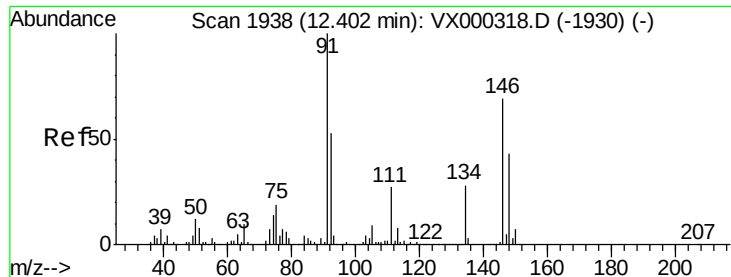
Tgt Ion: 117 Resp: 3450

Ion Ratio Lower Upper

117 100

201 73.0 37.9 113.6

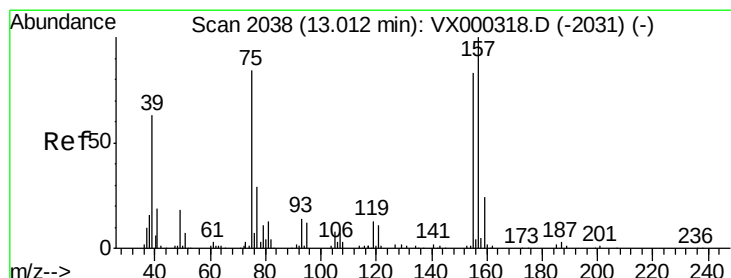
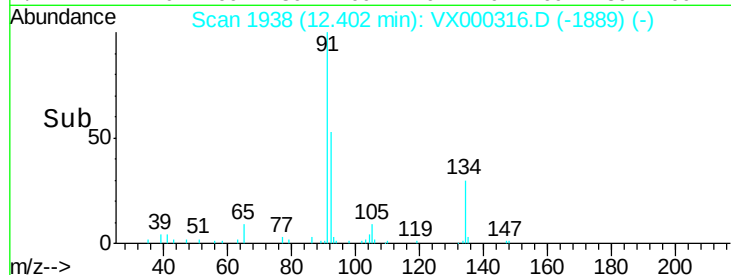
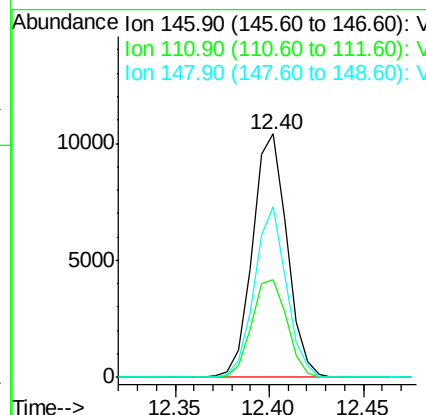
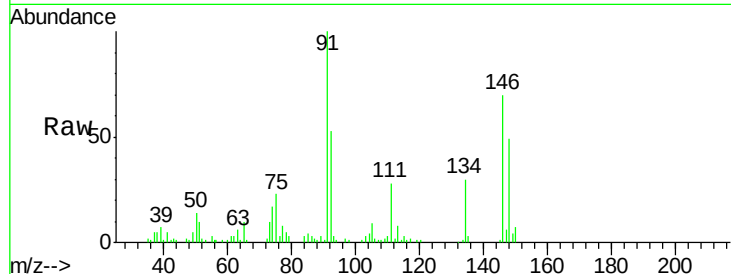




#91
 1,2-Dichlorobenzene
 Concen: 4.49 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

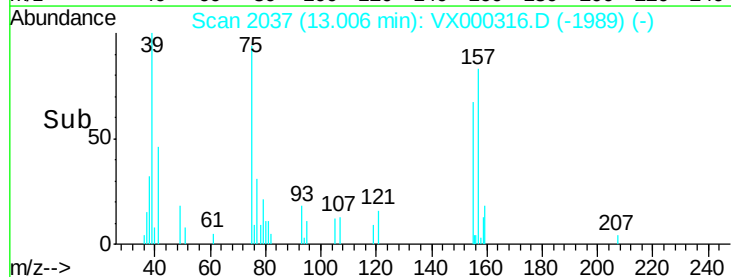
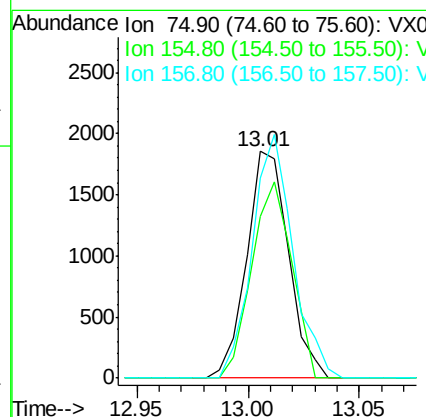
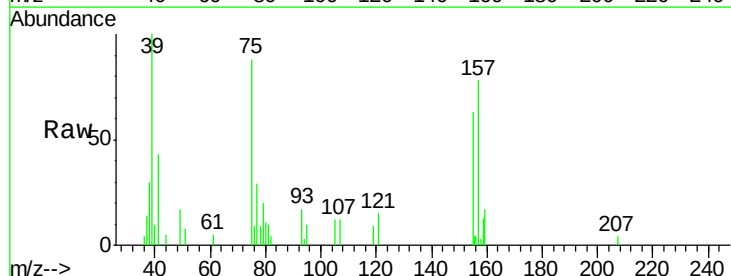
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

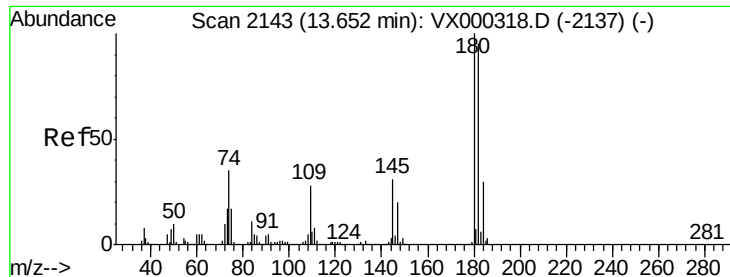
Tgt Ion:146 Resp: 13168
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.1 60.2
 148 64.6 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.06 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion: 75 Resp: 2436
 Ion Ratio Lower Upper
 75 100
 155 82.7 45.0 134.8
 157 104.1 58.1 174.2

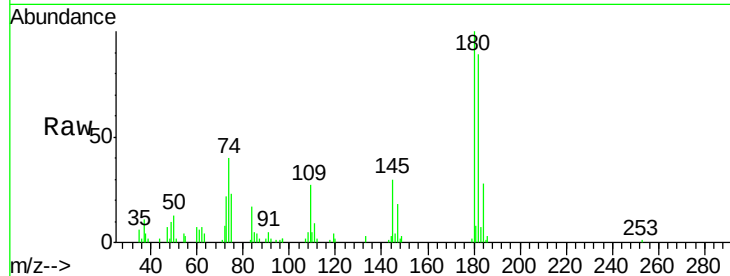




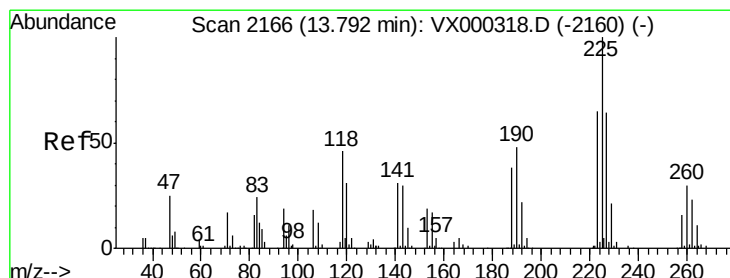
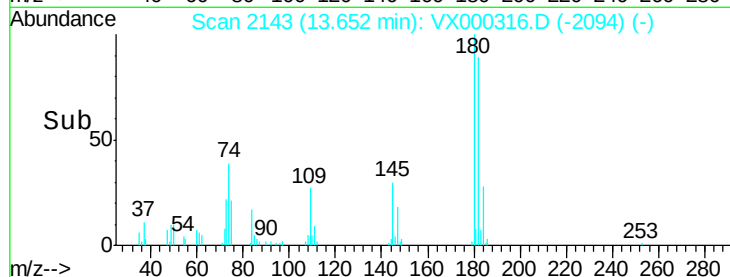
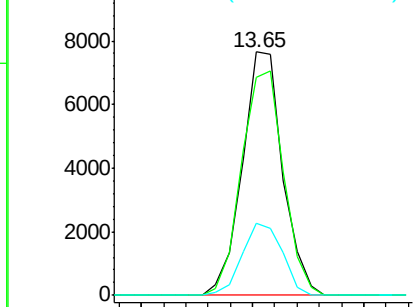
#93
 1,2,4-Trichlorobenzene
 Concen: 3.82 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 9673
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.6 142.9
 145 29.5 15.1 45.3

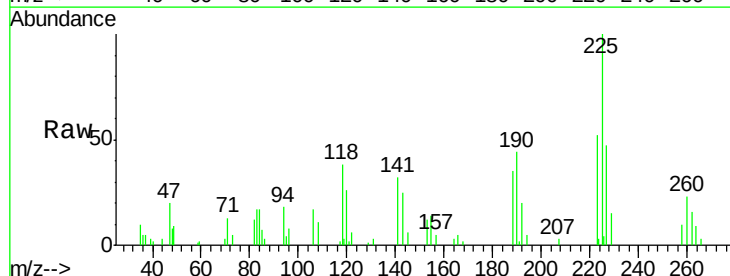


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

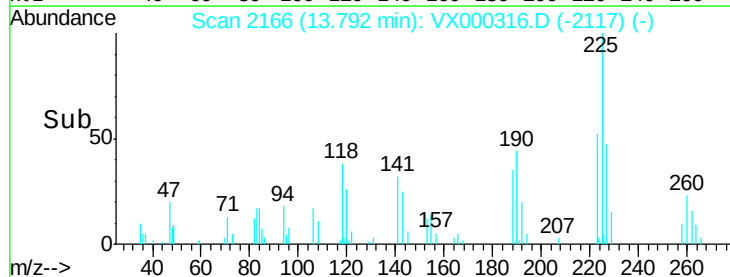
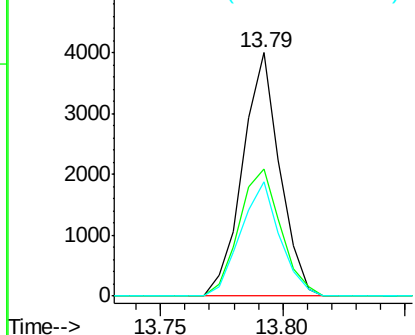


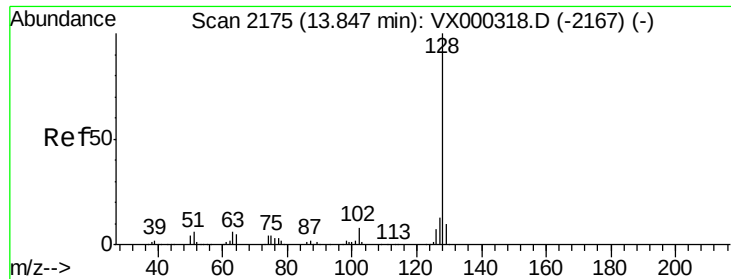
#94
 Hexachlorobutadiene
 Concen: 3.14 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000316.D
 Acq: 14 Mar 2018 16:25

Tgt Ion:225 Resp: 4207
 Ion Ratio Lower Upper
 225 100
 223 58.8 32.0 96.0
 227 50.0 32.6 98.0



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: 4.31 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

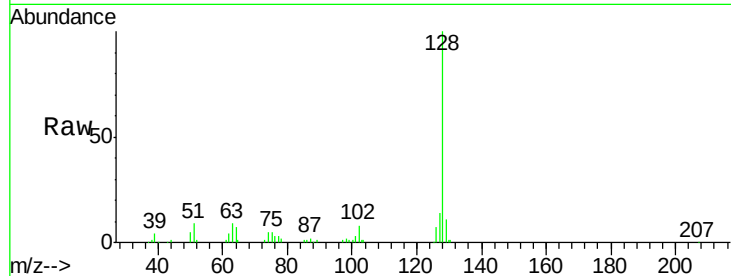
Tgt Ion:128 Resp: 32020

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

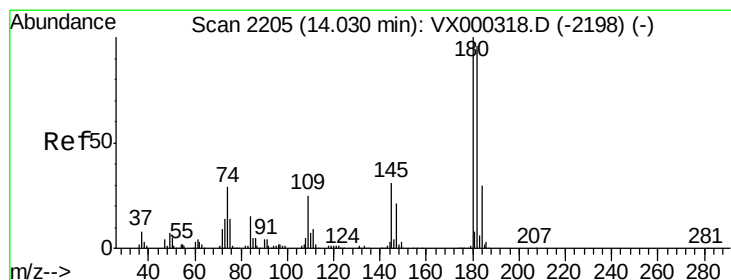
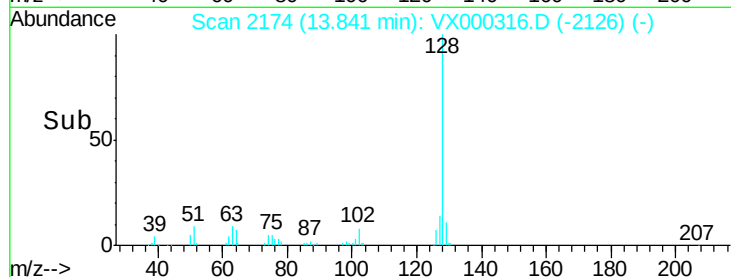
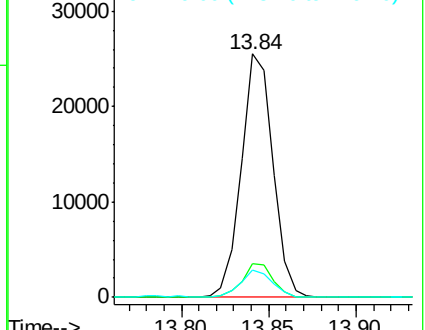
129 11.5 8.9 13.3



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: 3.94 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000316.D

Acq: 14 Mar 2018 16:25

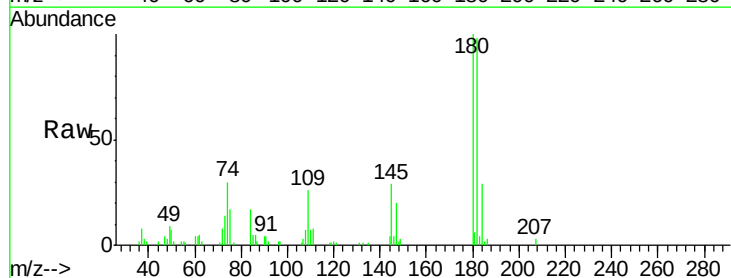
Tgt Ion:180 Resp: 9664

Ion Ratio Lower Upper

180 100

182 97.8 47.4 142.3

145 31.1 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

