

Data File : VX000317.D

Acq On : 14 Mar 2018 16:51

Operator : JC/MD

Sample : VSTDIC020

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Mar 15 01:31:30 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	127245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	213215	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	213585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	120626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	38379	28.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.68%	
35) Dibromofluoromethane	5.51	113	28306	20.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.86%	
50) Toluene-d8	8.73	98	114248	22.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.04%	
62) 4-Bromofluorobenzene	11.15	95	43907	20.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29499	27.04	ug/l	98
3) Chloromethane	1.32	50	29731	25.03	ug/l	95
4) Vinyl Chloride	1.41	62	34338	27.75	ug/l	97
5) Bromomethane	1.65	94	28302	26.95	ug/l	99
6) Chloroethane	1.73	64	21841	31.60	ug/l	98
7) Trichlorofluoromethane	1.93	101	60608	29.18	ug/l	98
8) Diethyl Ether	2.20	74	21126	29.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32440	27.32	ug/l	98
10) Methyl Iodide	2.52	142	31257	20.57	ug/l	99
11) Tert butyl alcohol	3.07	59	60449	123.75	ug/l	98
12) 1,1-Dichloroethene	2.38	96	29657	28.00	ug/l	97
13) Acrolein	2.30	56	25245	94.40	ug/l	97
14) Allyl chloride	2.73	41	53346	26.59	ug/l	98
15) Acrylonitrile	3.15	53	118022	141.12	ug/l	100
16) Acetone	2.45	43	131025	128.23	ug/l	96
17) Carbon Disulfide	2.57	76	85599	25.47	ug/l	98
18) Methyl Acetate	2.79	43	57106	27.93	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	107707	28.67	ug/l	99
20) Methylene Chloride	2.86	84	32535	27.04	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32733	27.76	ug/l	88
22) Diisopropyl ether	3.89	45	78429	23.00	ug/l	95
23) Vinyl Acetate	3.84	43	382502	126.37	ug/l	99
24) 1,1-Dichloroethane	3.70	63	58570	29.78	ug/l	98
25) 2-Butanone	4.72	43	151507	111.32	ug/l	99
26) 2,2-Dichloropropane	4.60	77	39874	23.00	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	29805	24.37	ug/l	98
28) Bromochloromethane	5.03	49	24177	26.08	ug/l	# 99
29) Tetrahydrofuran	5.18	42	92050	110.25	ug/l	99
30) Chloroform	5.23	83	52372	25.36	ug/l	94
31) Cyclohexane	5.59	56	41905	23.33	ug/l	90
32) 1,1,1-Trichloroethane	5.51	97	46512	24.24	ug/l	98
36) 1,1-Dichloropropene	5.81	75	39638	20.97	ug/l	98
37) Ethyl Acetate	4.87	43	51845	19.70	ug/l	99
38) Carbon Tetrachloride	5.80	117	39541	19.17	ug/l	98

Data File : VX000317.D

Acq On : 14 Mar 2018 16:51

Operator : JC/MD

Sample : VSTDIC020

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Mar 15 01:31:30 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	46789	19.66	ug/l	96
40) Benzene	6.15	78	115715	21.59	ug/l	98
41) Methacrylonitrile	5.07	41	26954	19.48	ug/l	98
42) 1,2-Dichloroethane	6.21	62	45611	23.45	ug/l	99
43) Isopropyl Acetate	6.48	43	79334	20.29	ug/l	99
44) Trichloroethene	7.23	130	33451	19.76	ug/l	93
45) 1,2-Dichloropropane	7.52	63	30178	21.87	ug/l	95
46) Dibromomethane	7.67	93	21944	21.32	ug/l	98
47) Bromodichloromethane	7.91	83	41316	21.21	ug/l	95
48) Methyl methacrylate	7.79	41	39377	20.35	ug/l	98
49) 1,4-Dioxane	7.77	88	17424	356.77	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	297685	107.30	ug/l	98
52) Toluene	8.79	92	78641	21.91	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	47692	20.51	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	45080	19.79	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	31199	20.99	ug/l	96
56) Ethyl methacrylate	9.19	69	46216	19.46	ug/l	95
57) 1,3-Dichloropropane	9.38	76	51941	22.00	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	118887	107.46	ug/l	98
59) 2-Hexanone	9.51	43	252079	105.76	ug/l	97
60) Dibromochloromethane	9.59	129	33594	19.29	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35289	21.58	ug/l	98
64) Tetrachloroethene	9.34	164	32298	17.95	ug/l	95
65) Chlorobenzene	10.15	112	89801	19.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	30443	18.43	ug/l	100
67) Ethyl Benzene	10.26	91	158113	21.19	ug/l	97
68) m/p-Xylenes	10.37	106	122074	41.38	ug/l	100
69) o-Xylene	10.71	106	57486	20.18	ug/l	98
70) Styrene	10.72	104	96255	20.13	ug/l	100
71) Bromoform	10.87	173	25552	14.68	ug/l #	95
73) Isopropylbenzene	11.02	105	160622	22.13	ug/l	97
74) N-amyl acetate	6.48	43	79334	20.70	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	55545	21.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	66082	21.31	ug/l	84
77) Bromobenzene	11.26	156	39487	19.12	ug/l	97
78) n-propylbenzene	11.37	91	191467	22.41	ug/l	99
79) 2-Chlorotoluene	11.43	91	107281	21.81	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	135749	21.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	14951	16.72	ug/l	93
82) 4-Chlorotoluene	11.52	91	130425	21.87	ug/l	99
83) tert-Butylbenzene	11.78	119	132084	20.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	141420	21.93	ug/l	99
85) sec-Butylbenzene	11.96	105	167243	21.84	ug/l	99
86) p-Isopropyltoluene	12.07	119	147654	20.71	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	77339	19.46	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	81976	19.77	ug/l	98
89) n-Butylbenzene	12.40	91	143722	21.79	ug/l	98
90) Hexachloroethane	12.60	117	22615	19.74	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	75670	19.66	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15285	19.41	ug/l	91

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

Data File : VX000317.D
Acq On : 14 Mar 2018 16:51
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Mar 15 01:31:30 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	55092	16.59	ug/l	99
94) Hexachlorobutadiene	13.79	225	21674	12.32	ug/l	98
95) Naphthalene	13.84	128	197397	20.25	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	56088	17.40	ug/l	100

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

Data File : VX000317.D

Acq On : 14 Mar 2018 16:51

Operator : JC/MD

Sample : VSTDICC020

Misc : 5.0mL/MSVOA X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :

MSVOA X

ClientSampleId :

VSTDICC020

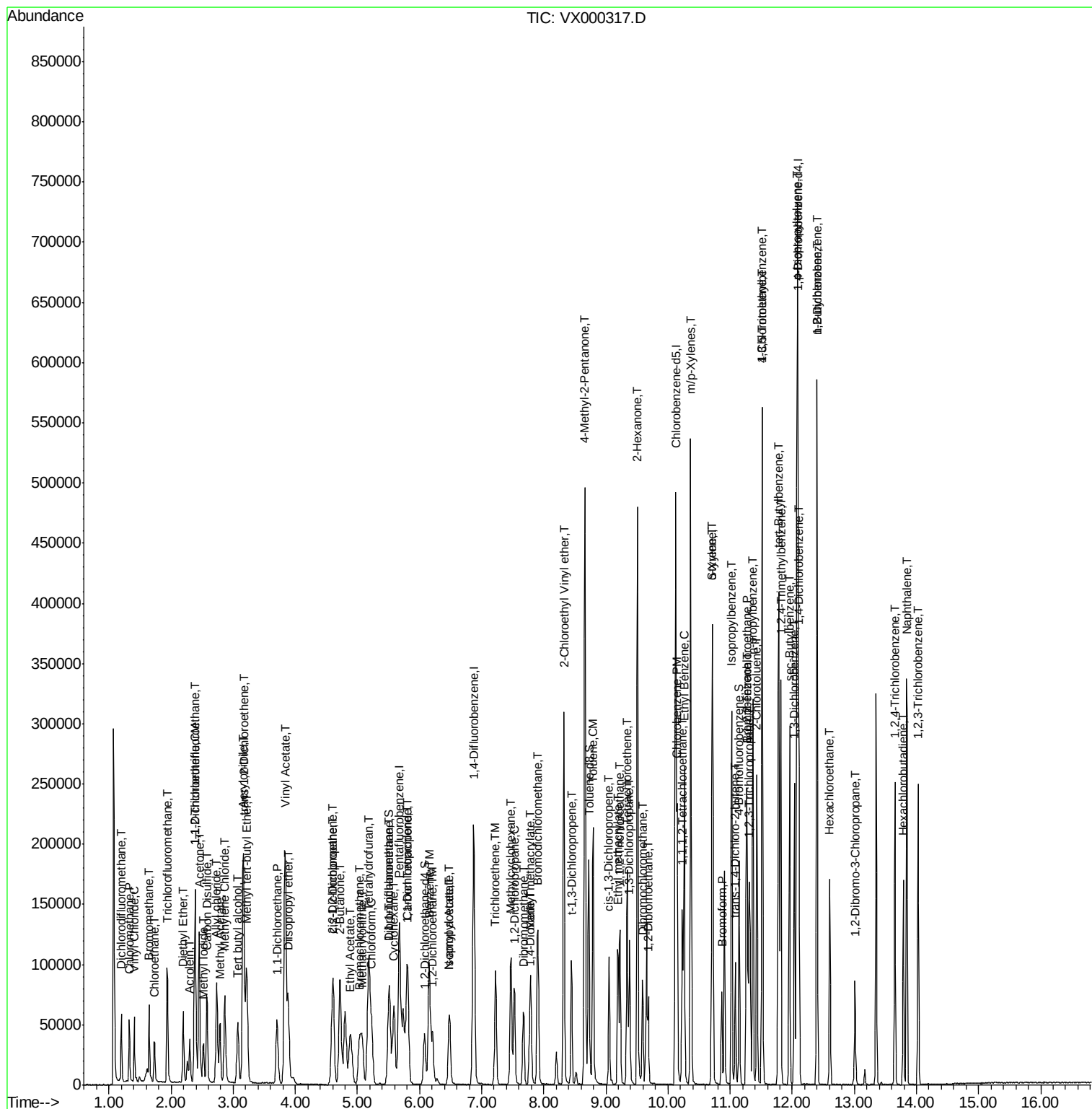
Quant Time: Mar 15 01:31:30 2018

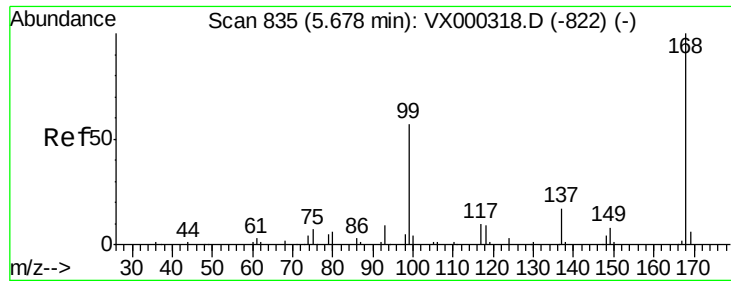
Quant Method : W:\HPCHEM1\MSV0A_X\METHOD\82X031418W.M

Quant Title : SW846 8260

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

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: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

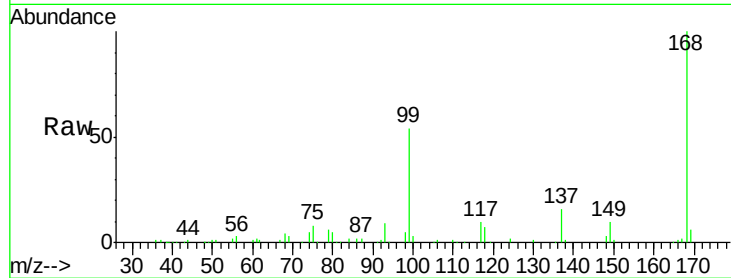
VSTDIC020

Tgt Ion:168 Resp: 127245

Ion Ratio Lower Upper

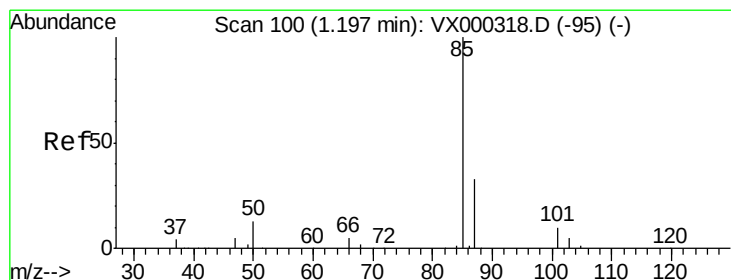
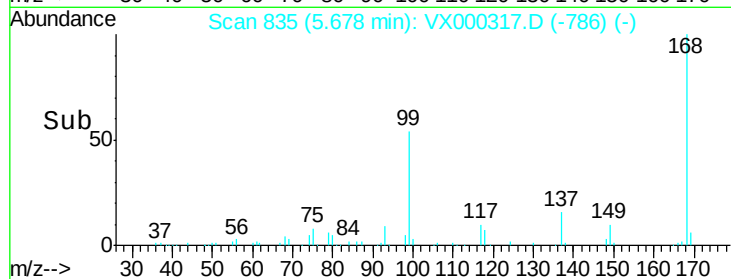
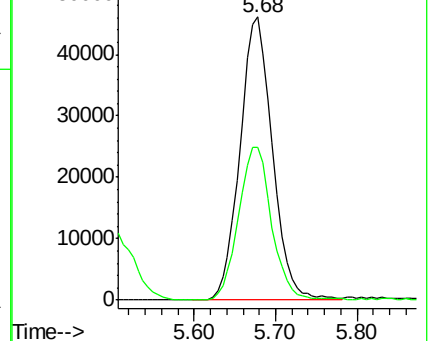
168 100

99 53.9 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: 27.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000317.D

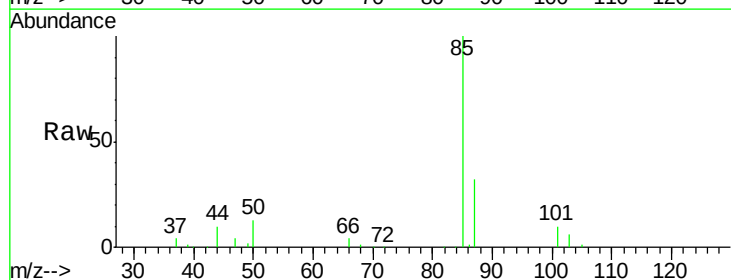
Acq: 14 Mar 2018 16:51

Tgt Ion: 85 Resp: 29499

Ion Ratio Lower Upper

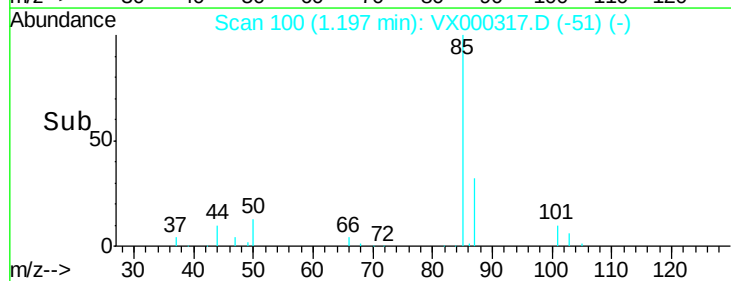
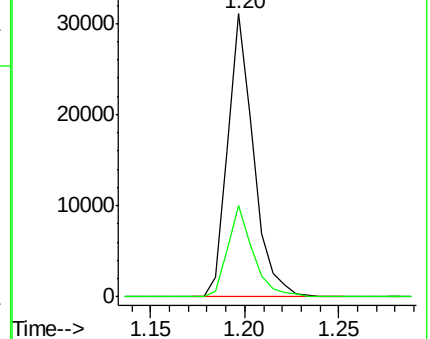
85 100

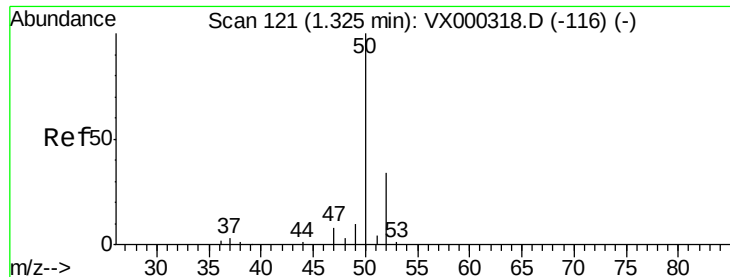
87 32.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 25.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

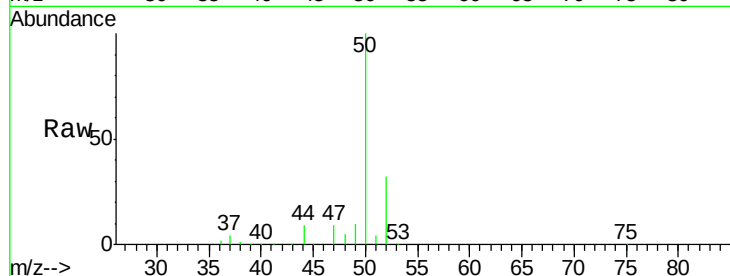
VSTDIC020

Tgt Ion: 50 Resp: 29731

Ion Ratio Lower Upper

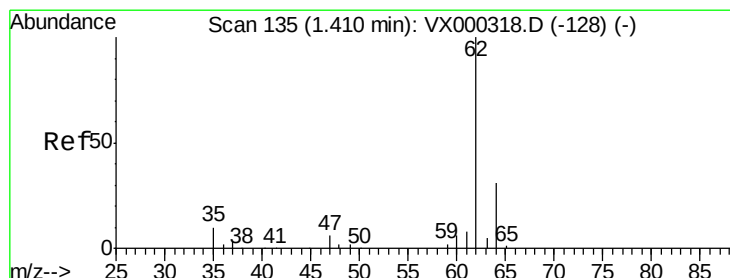
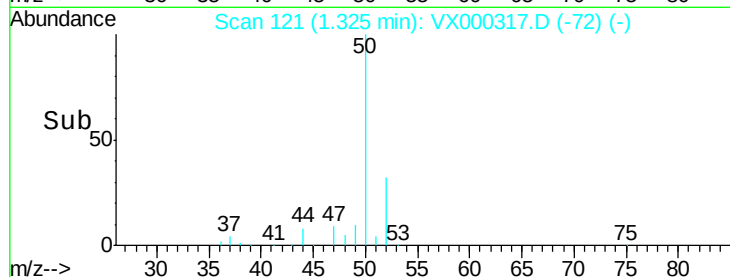
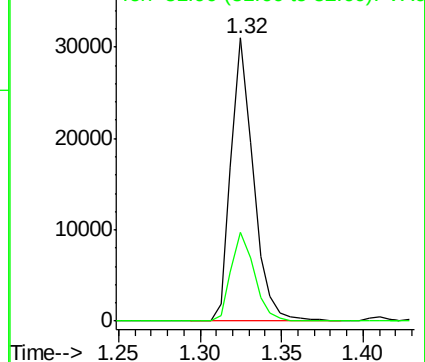
50 100

52 31.5 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: 27.75 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000317.D

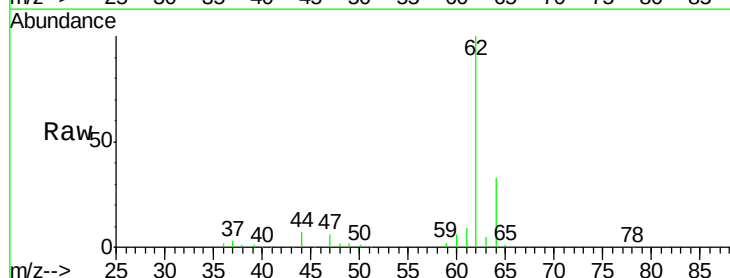
Acq: 14 Mar 2018 16:51

Tgt Ion: 62 Resp: 34338

Ion Ratio Lower Upper

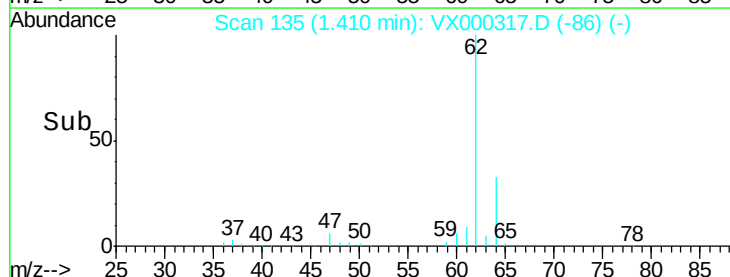
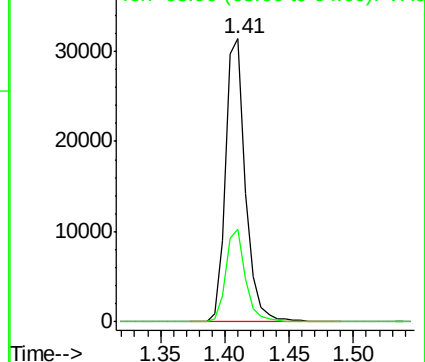
62 100

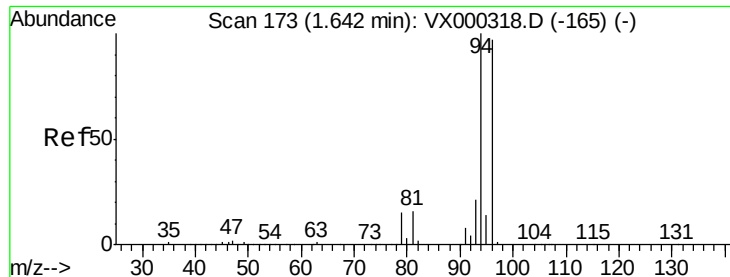
64 32.7 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 26.95 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

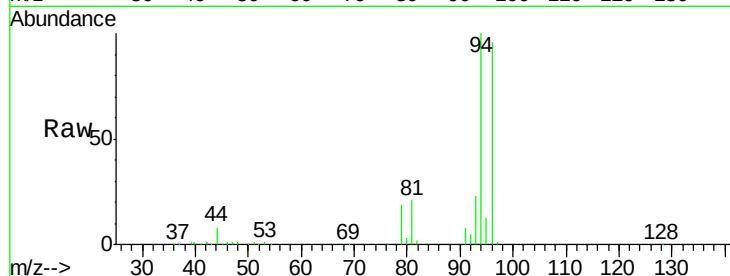
VSTDIC020

Tgt Ion: 94 Resp: 28302

Ion Ratio Lower Upper

94 100

96 96.0 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

25000

20000

15000

10000

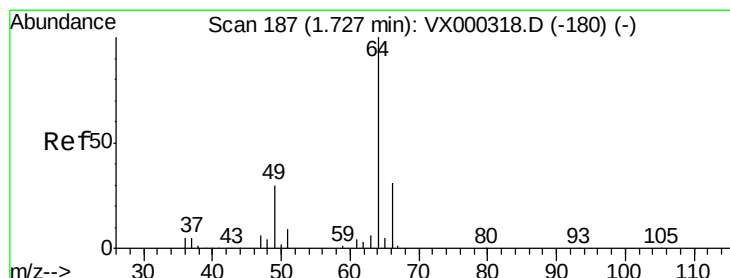
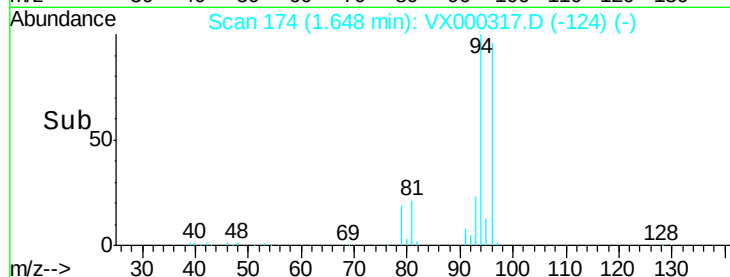
5000

0

1.65

1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 31.60 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000317.D

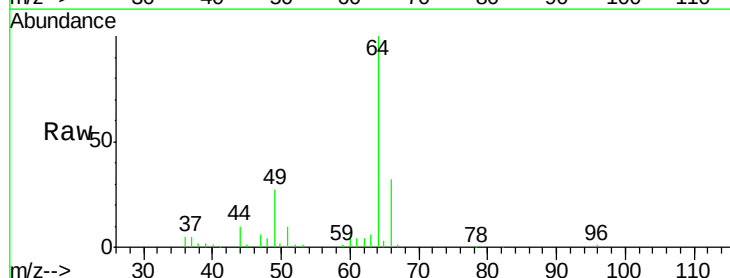
Acq: 14 Mar 2018 16:51

Tgt Ion: 64 Resp: 21841

Ion Ratio Lower Upper

64 100

66 32.0 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

15000

10000

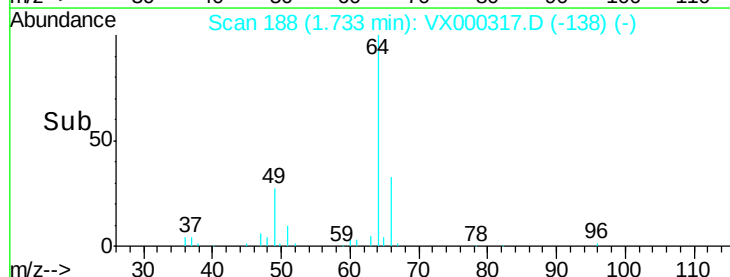
5000

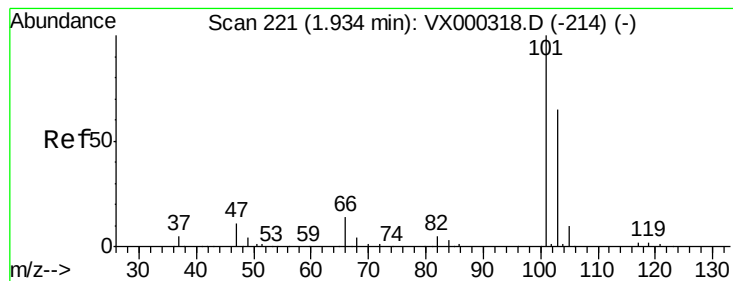
0

1.73

1.65 1.70 1.75 1.80

Time-->



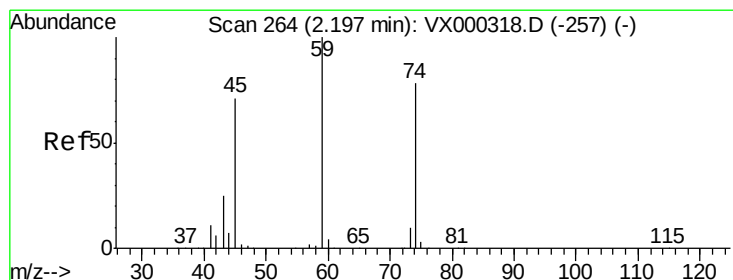
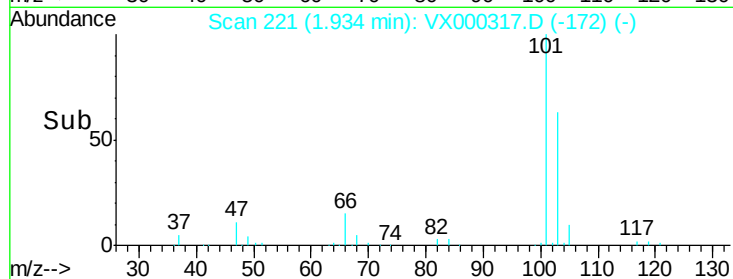
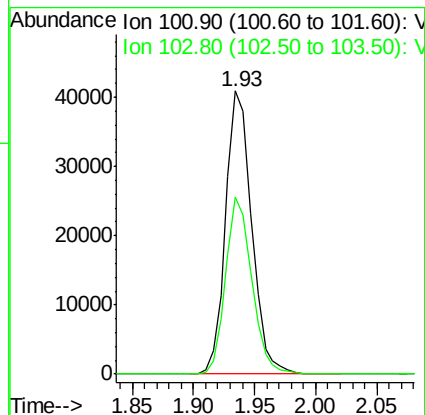
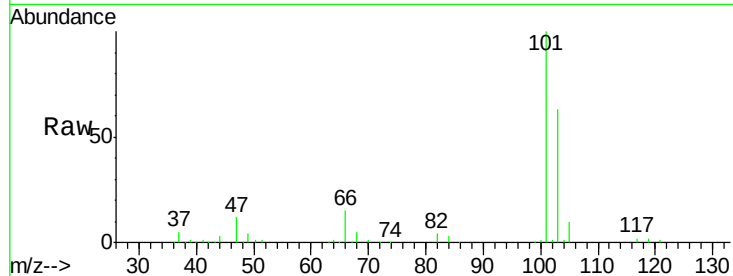


#7

Trichlorofluoromethane
 Concen: 29.18 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

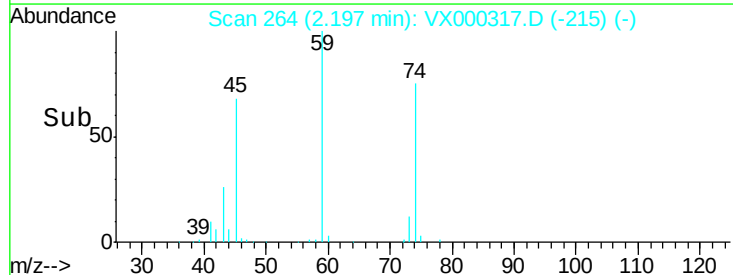
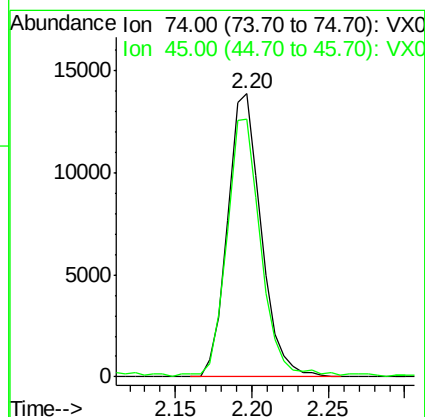
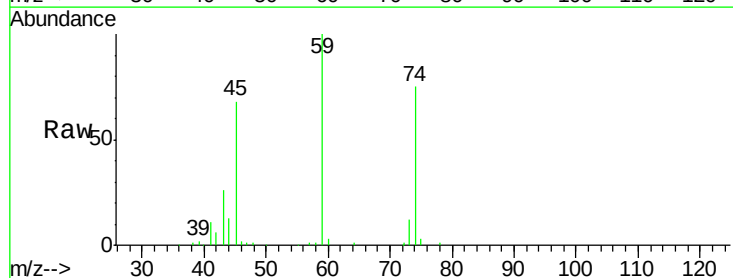
Tgt Ion: 101 Resp: 60608
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.6 77.4

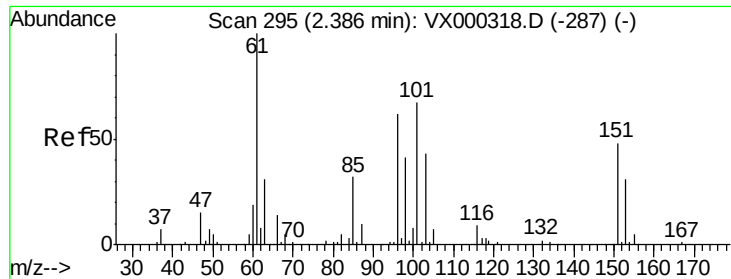


#8

Diethyl Ether
 Concen: 29.75 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion: 74 Resp: 21126
 Ion Ratio Lower Upper
 74 100
 45 93.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 27.32 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

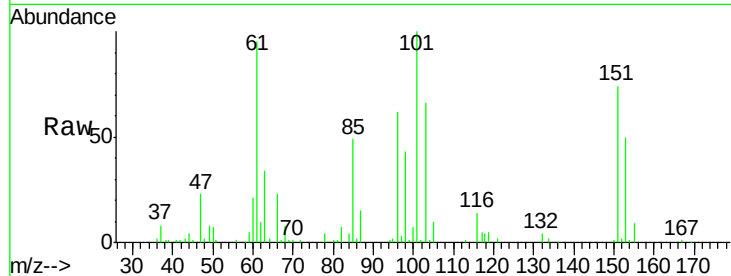
Tgt Ion:101 Resp: 32440

Ion Ratio Lower Upper

101 100

85 48.6 37.6 56.4

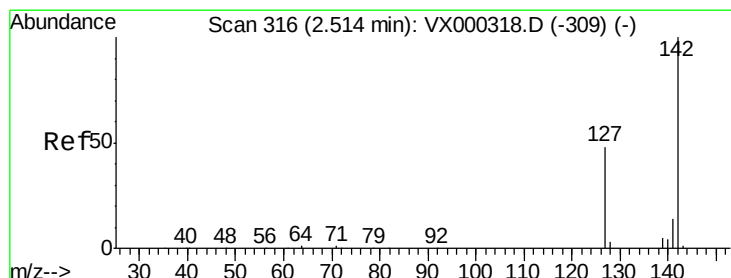
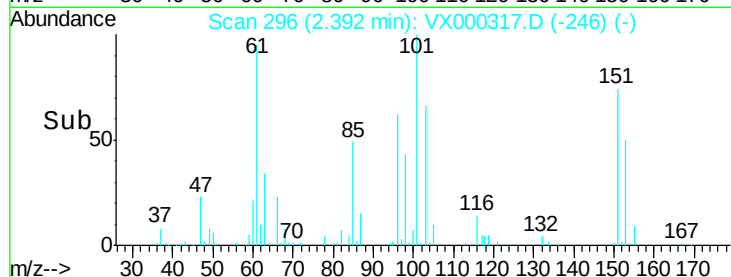
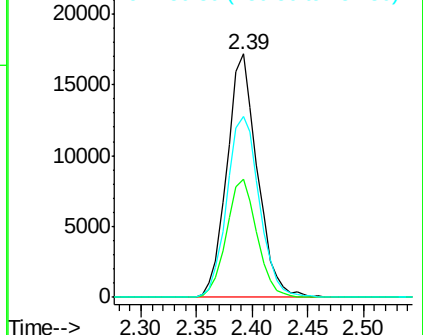
151 79.2 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.57 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

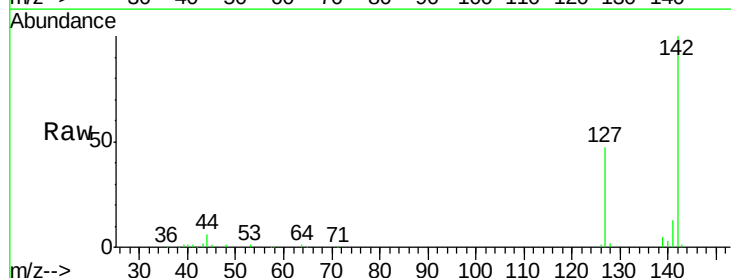
Tgt Ion:142 Resp: 31257

Ion Ratio Lower Upper

142 100

127 48.0 39.2 58.8

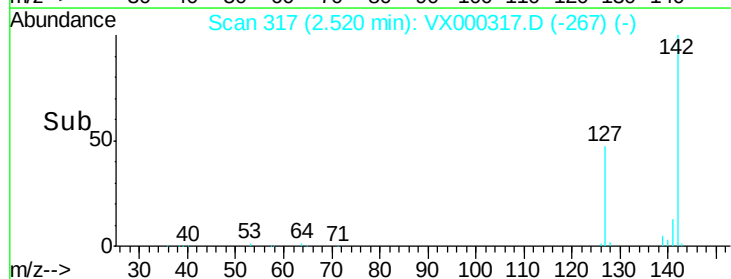
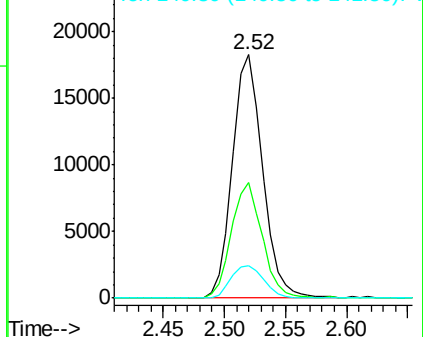
141 14.4 11.7 17.5

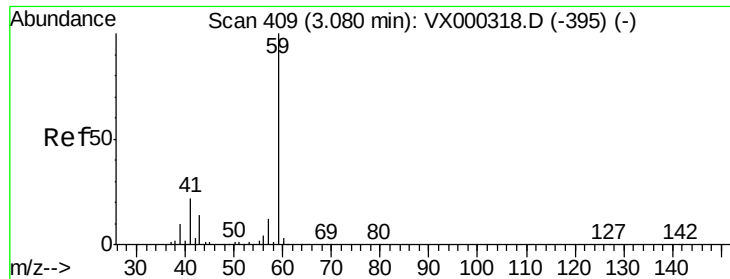


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

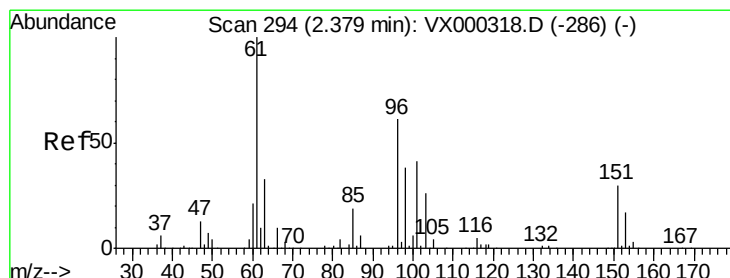
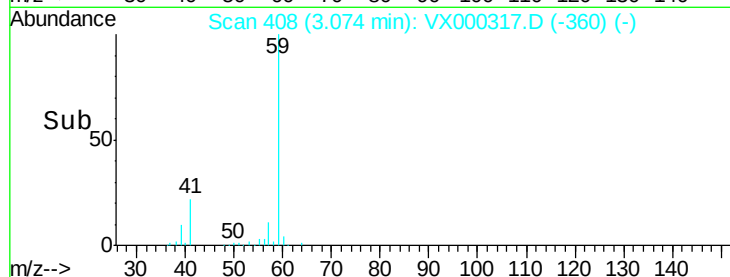
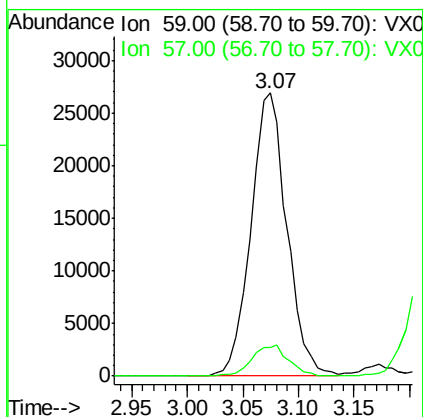
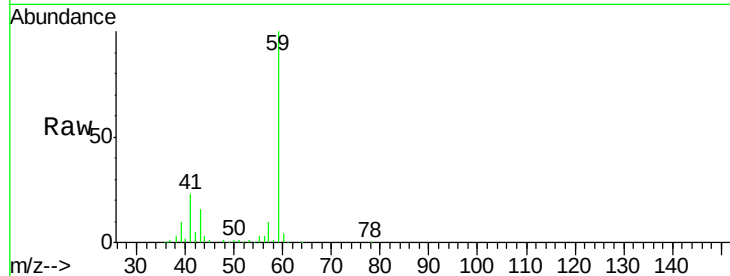




#11
Tert butyl alcohol
Concen: 123.75 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

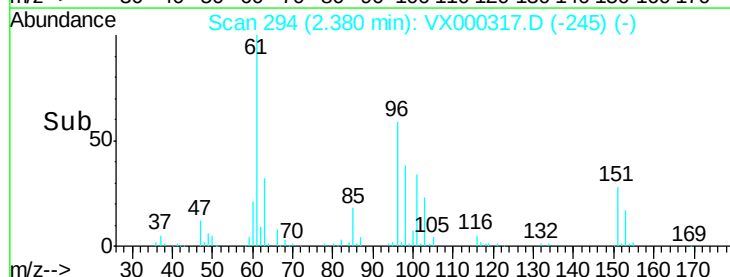
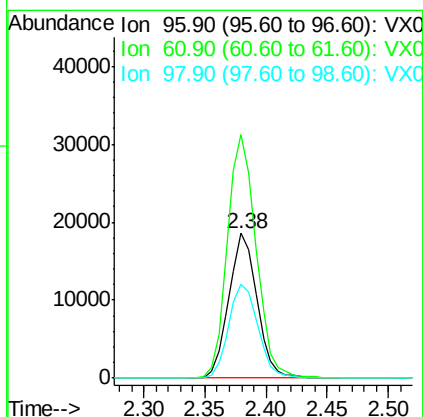
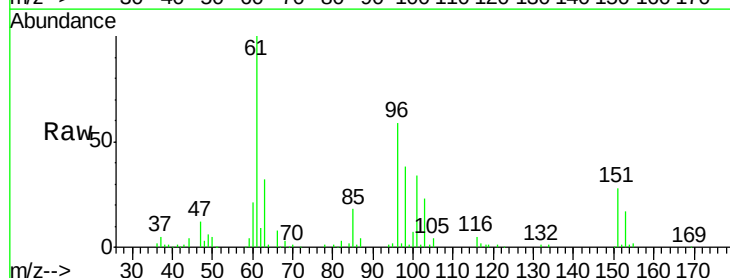
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

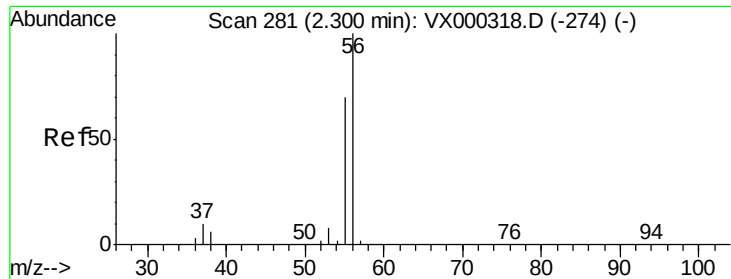
Tgt Ion: 59 Resp: 60449
Ion Ratio Lower Upper
59 100
57 11.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 28.00 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion: 96 Resp: 29657
Ion Ratio Lower Upper
96 100
61 168.4 131.2 196.8
98 64.7 49.8 74.8





#13

Acrolein

Concen: 94.40 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

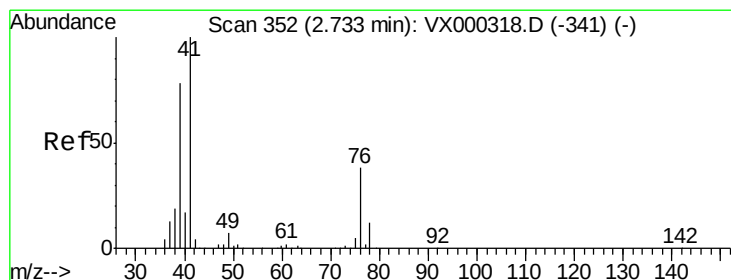
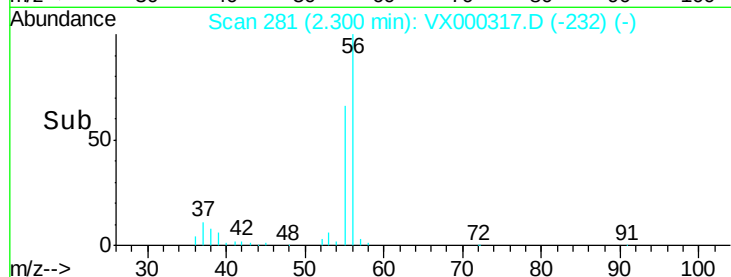
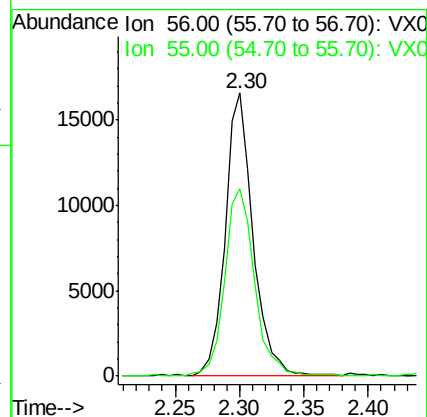
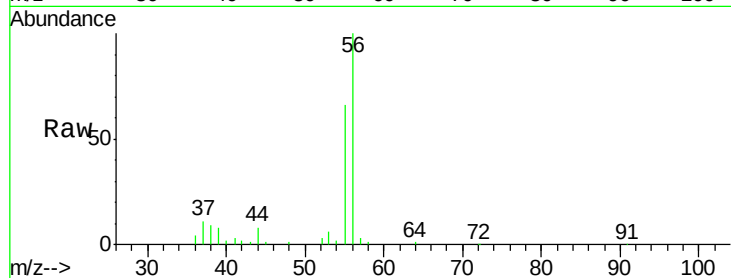
VSTDIC020

Tgt Ion: 56 Resp: 25245

Ion Ratio Lower Upper

56 100

55 71.4 58.8 88.2



#14

Allyl chloride

Concen: 26.59 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

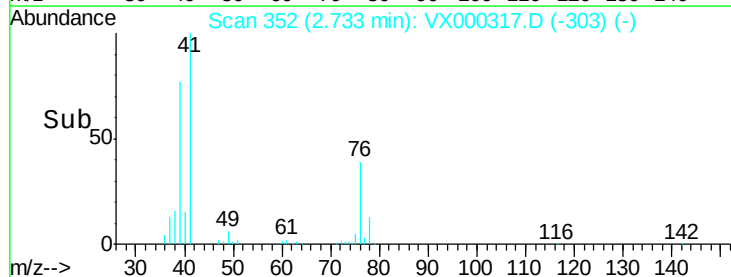
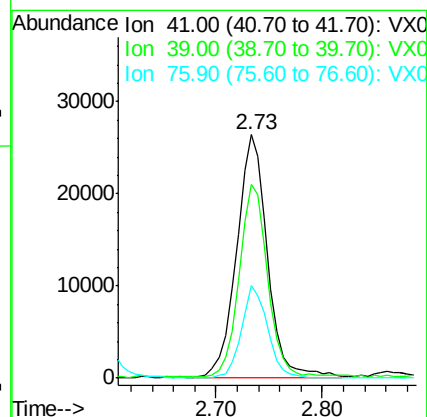
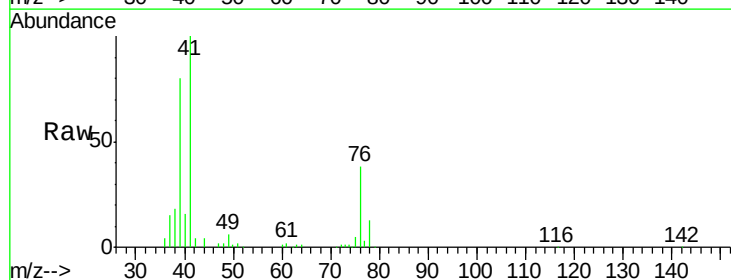
Tgt Ion: 41 Resp: 53346

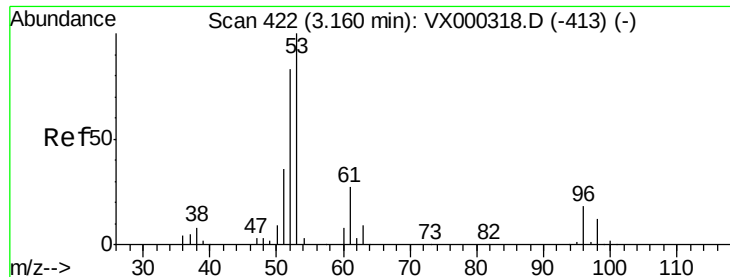
Ion Ratio Lower Upper

41 100

39 73.2 57.6 86.4

76 32.7 27.3 40.9





#15

Acrylonitrile

Concen: 141.12 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

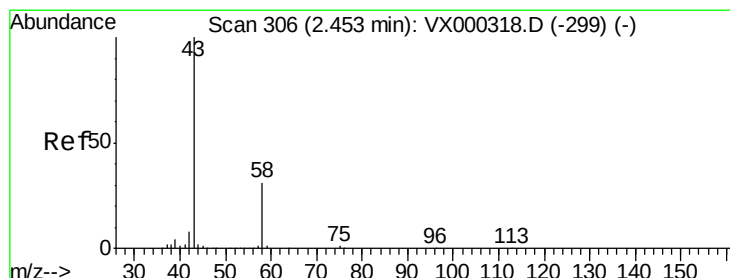
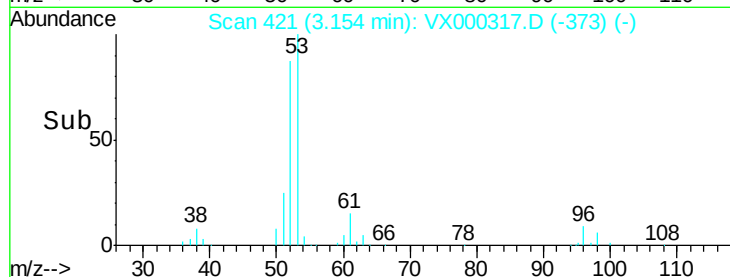
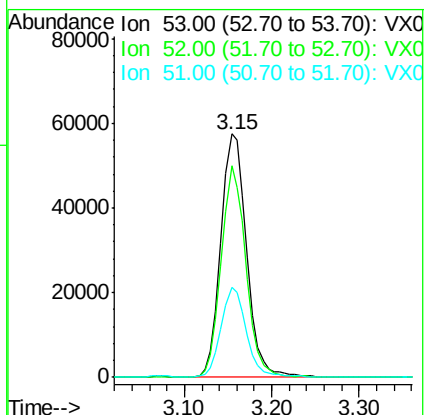
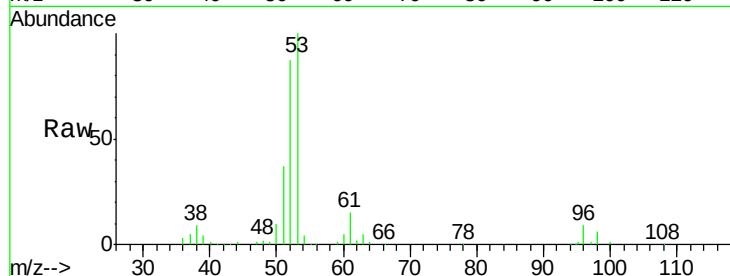
Tgt Ion: 53 Resp: 118022

Ion Ratio Lower Upper

53 100

52 83.3 66.6 99.8

51 36.7 29.3 43.9



#16

Acetone

Concen: 128.23 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000317.D

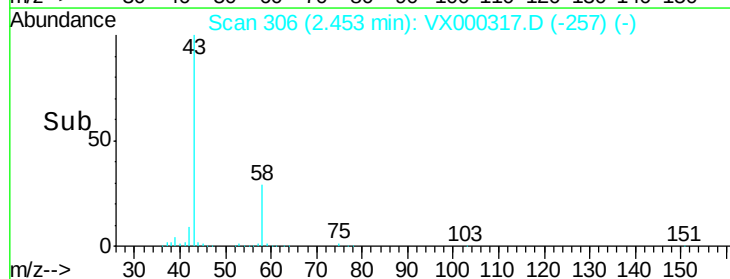
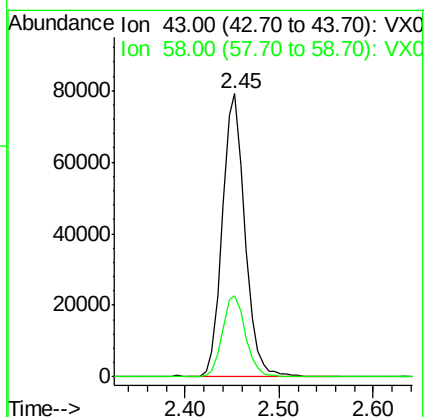
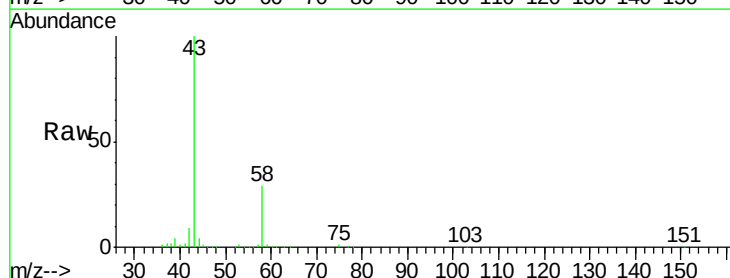
Acq: 14 Mar 2018 16:51

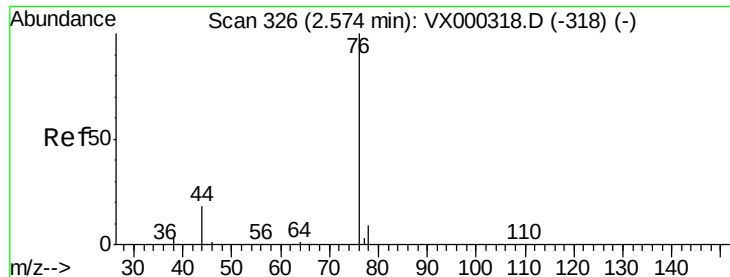
Tgt Ion: 43 Resp: 131025

Ion Ratio Lower Upper

43 100

58 28.6 24.7 37.1





#17

Carbon Disulfide

Concen: 25.47 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

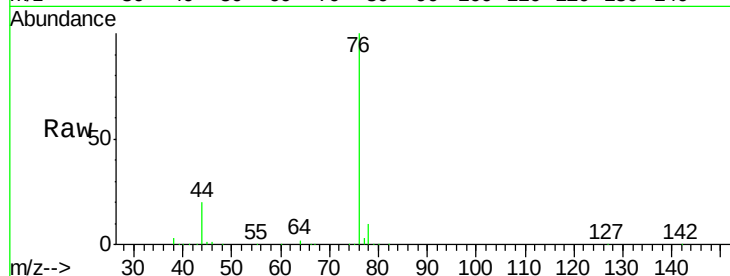
VSTDIC020

Tgt Ion: 76 Resp: 85599

Ion Ratio Lower Upper

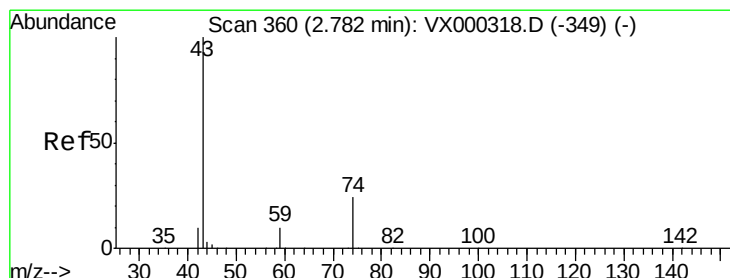
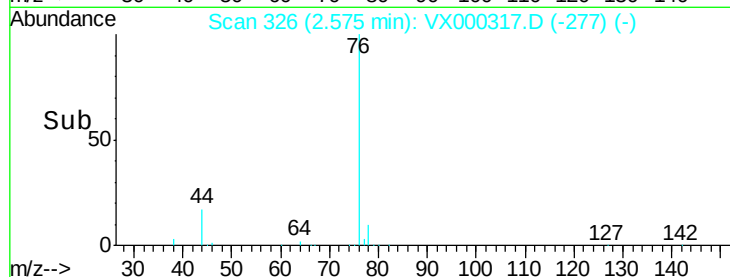
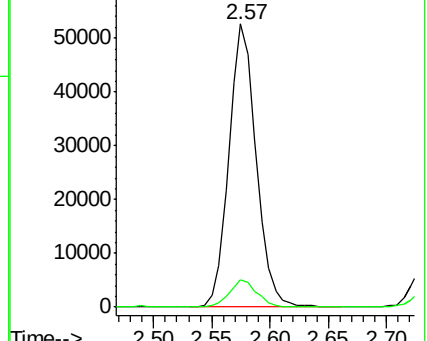
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 27.93 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX000317.D

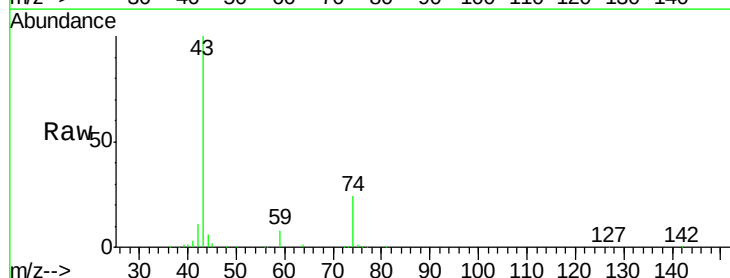
Acq: 14 Mar 2018 16:51

Tgt Ion: 43 Resp: 57106

Ion Ratio Lower Upper

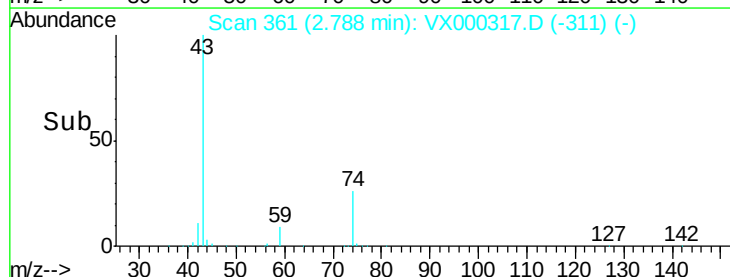
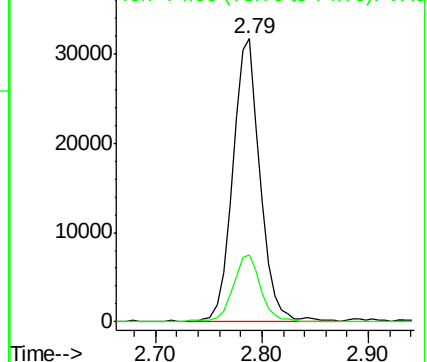
43 100

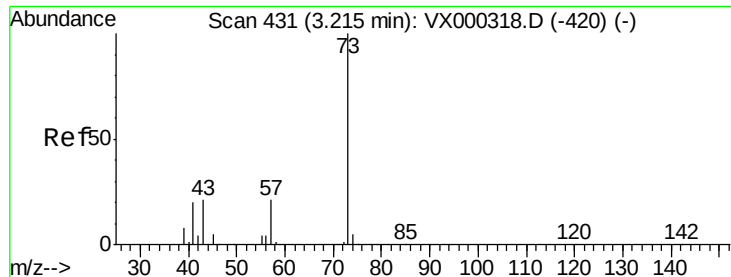
74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

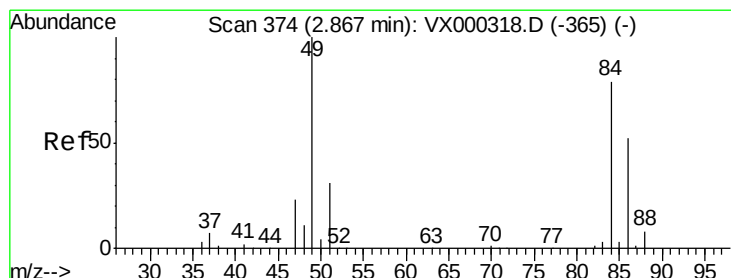
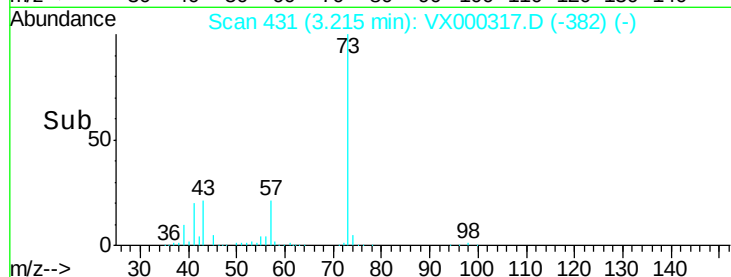
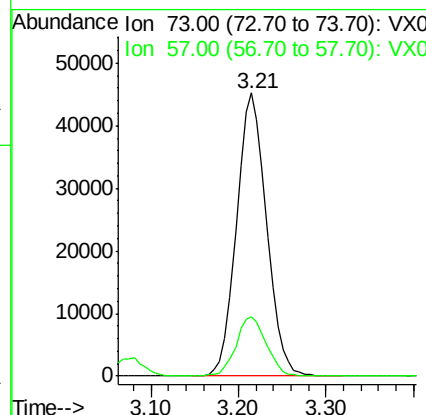
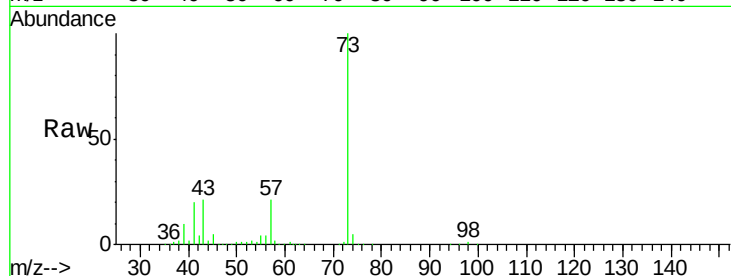




#19
Methyl tert-butyl Ether
Concen: 28.67 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

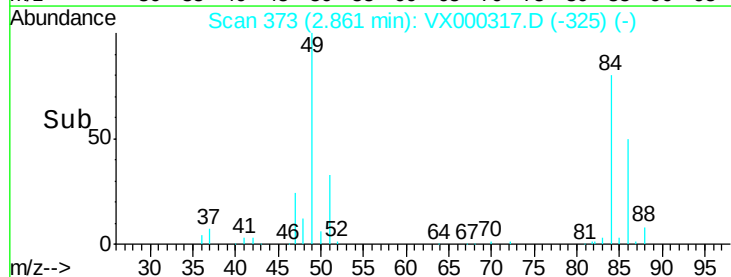
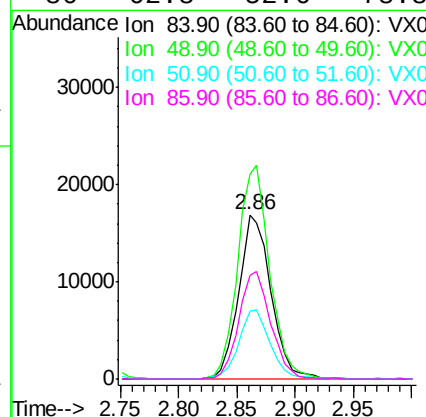
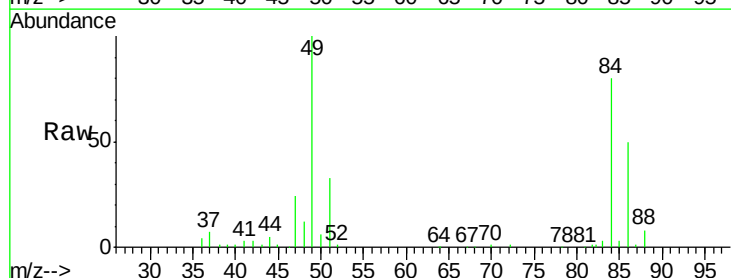
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

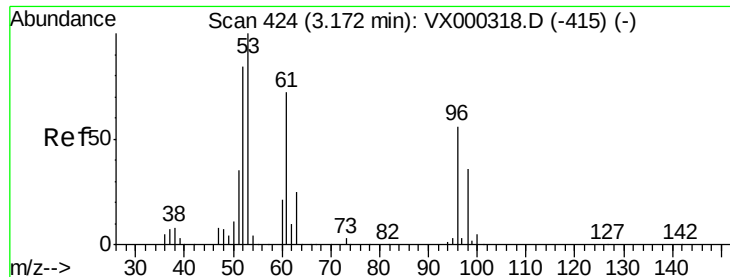
Tgt Ion: 73 Resp: 107707
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8



#20
Methylene Chloride
Concen: 27.04 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion: 84 Resp: 32535
Ion Ratio Lower Upper
84 100
49 124.9 100.6 151.0
51 41.1 31.6 47.4
86 62.8 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 27.76 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

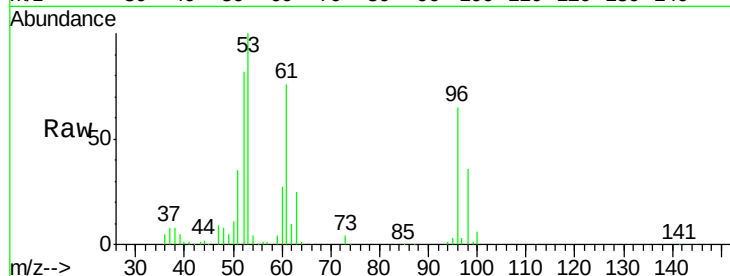
Tgt Ion: 96 Resp: 32733

Ion Ratio Lower Upper

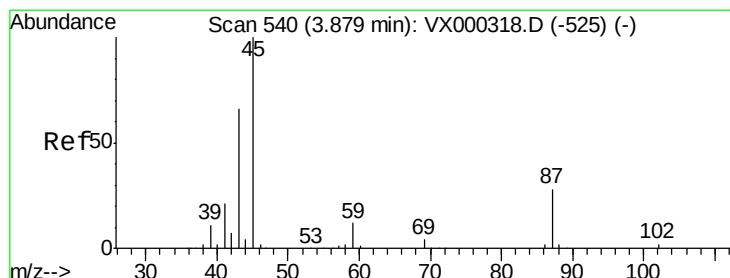
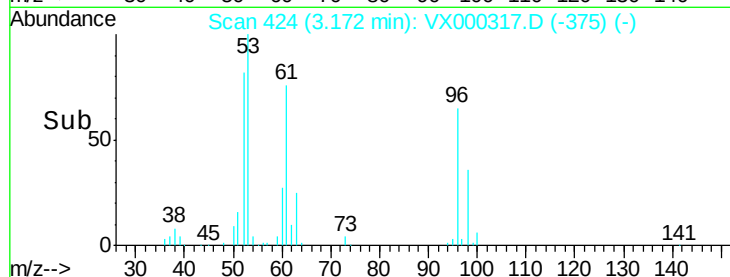
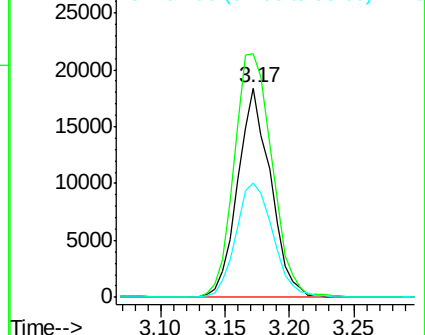
96 100

61 116.2 104.0 156.0

98 54.8 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: 23.00 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Tgt Ion: 45 Resp: 78429

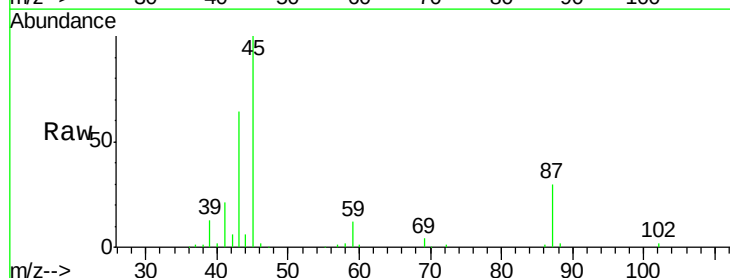
Ion Ratio Lower Upper

45 100

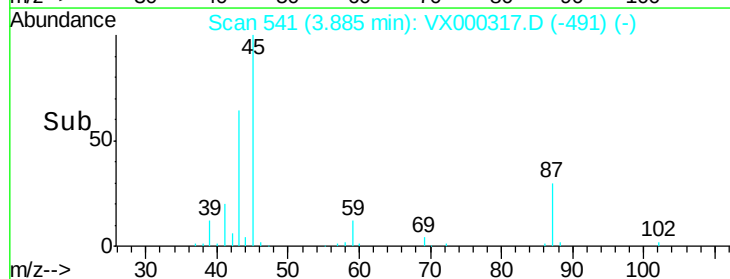
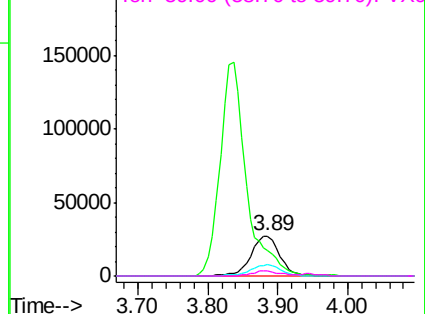
43 63.0 53.9 80.9

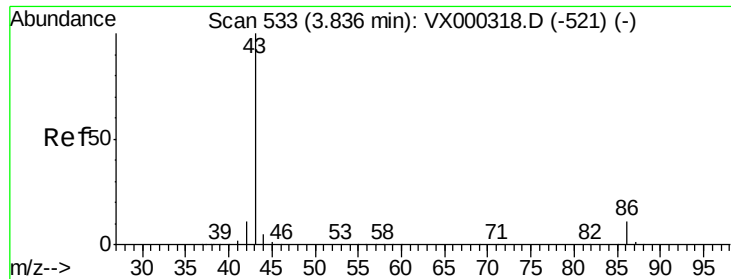
87 30.5 22.6 34.0

59 11.7 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: 126.37 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

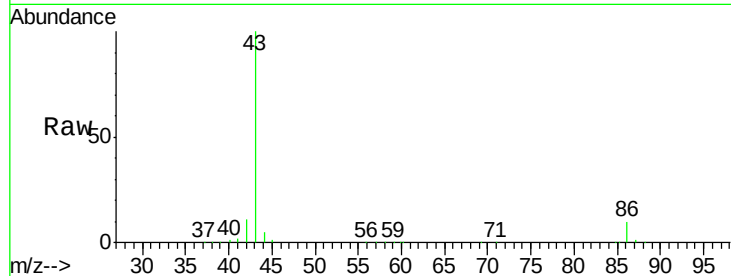
VSTDIC020

Tgt Ion: 43 Resp: 382502

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

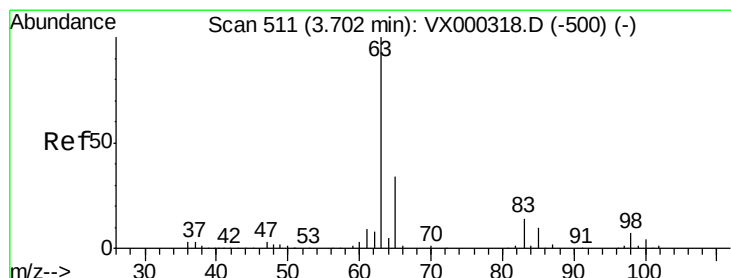
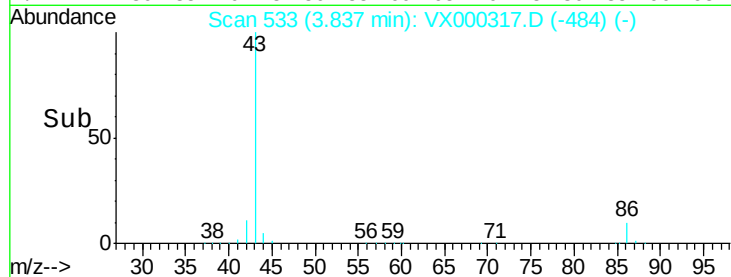
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 29.78 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

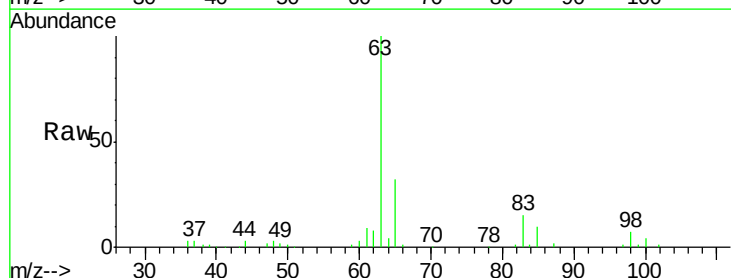
Tgt Ion: 63 Resp: 58570

Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

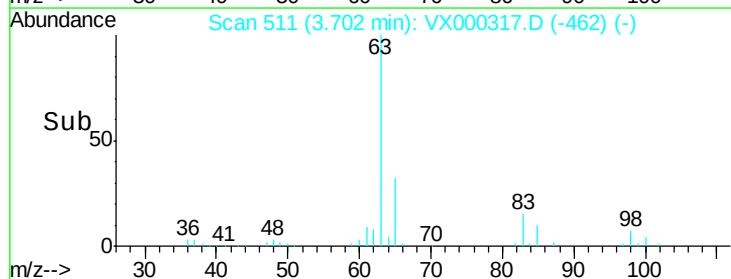
30000

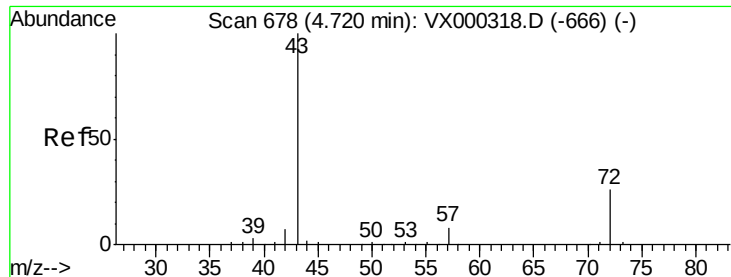
20000

10000

0

Time-->





#25

2-Butanone

Concen: 111.32 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

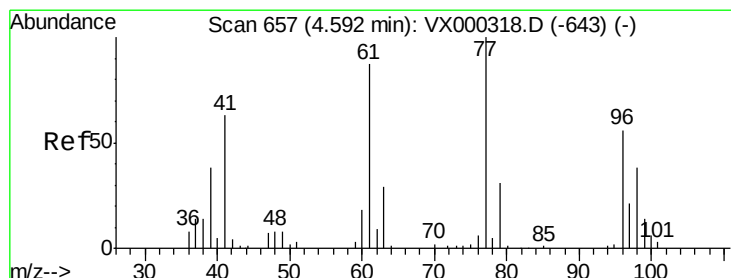
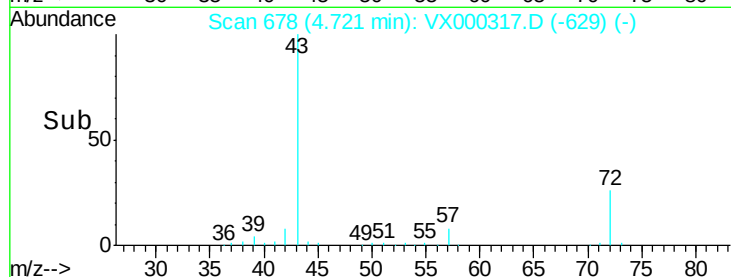
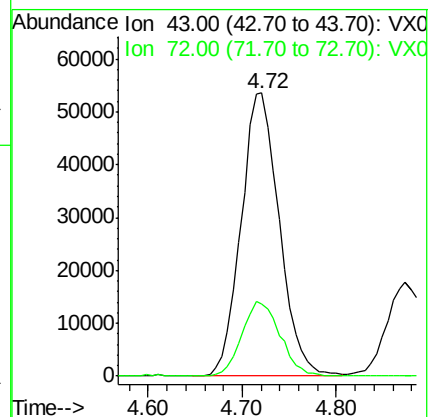
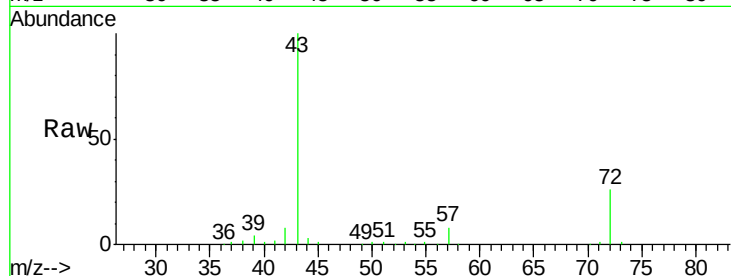
VSTDIC020

Tgt Ion: 43 Resp: 151507

Ion Ratio Lower Upper

43 100

72 25.5 21.0 31.6



#26

2,2-Dichloropropane

Concen: 23.00 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000317.D

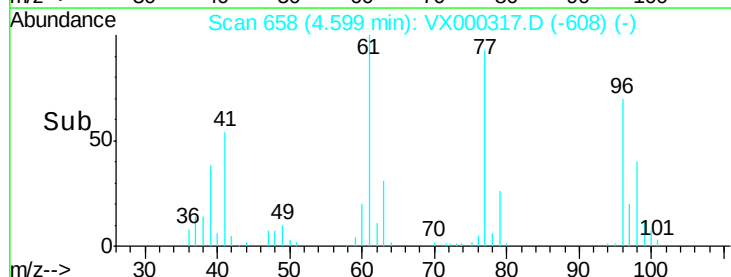
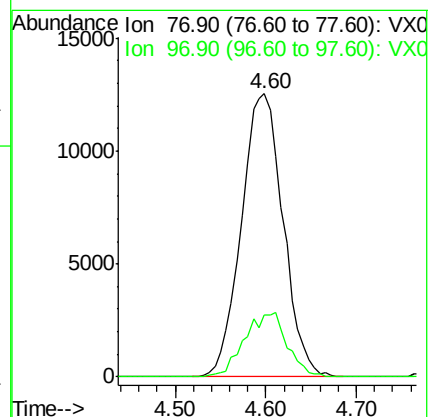
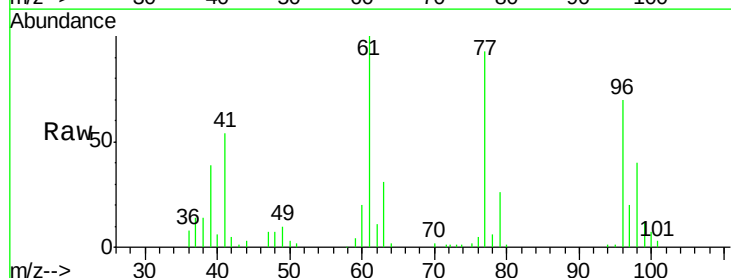
Acq: 14 Mar 2018 16:51

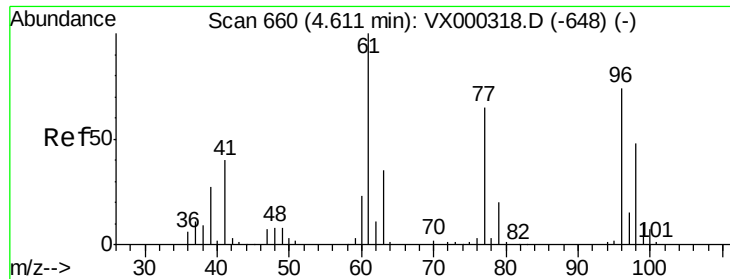
Tgt Ion: 77 Resp: 39874

Ion Ratio Lower Upper

77 100

97 23.2 11.3 33.8



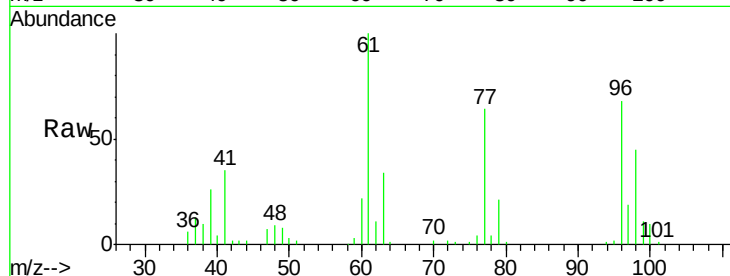


#27

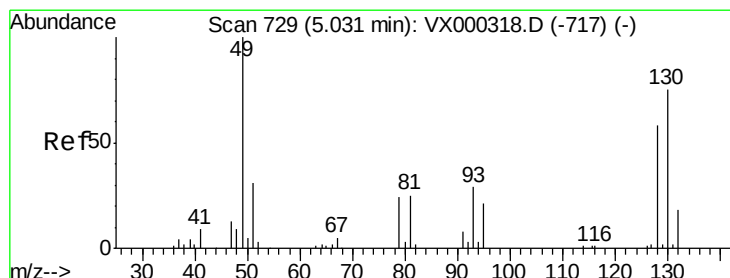
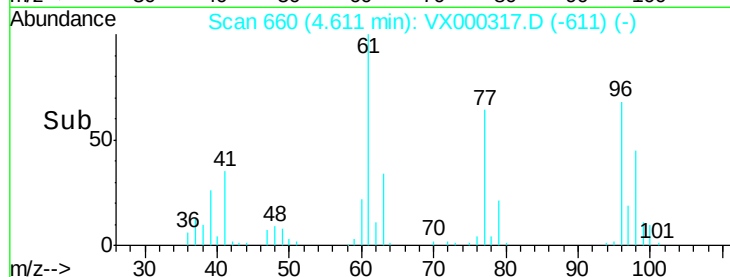
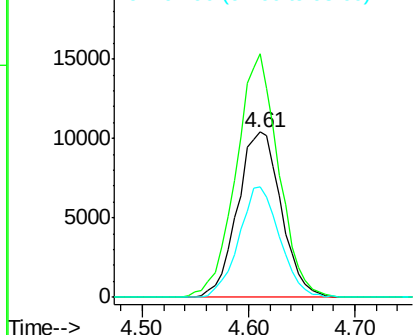
cis-1,2-Dichloroethene
Concen: 24.37 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 96 Resp: 29805
Ion Ratio Lower Upper
96 100
61 143.5 0.0 291.6
98 62.8 0.0 132.0



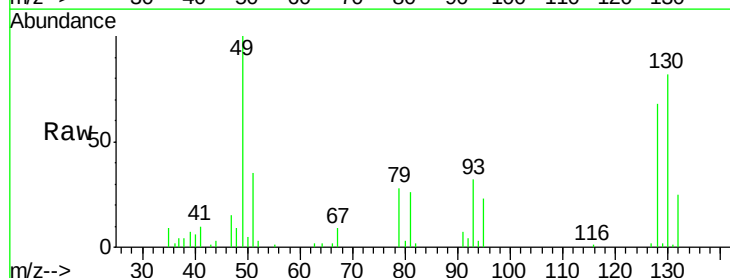
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



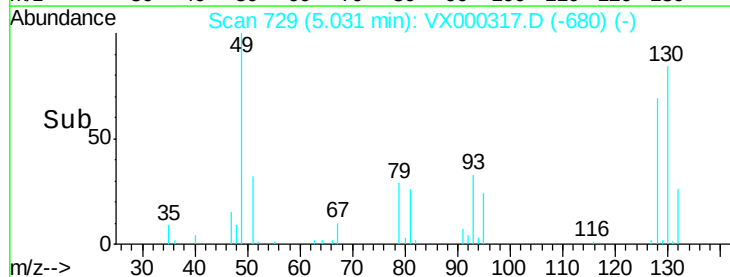
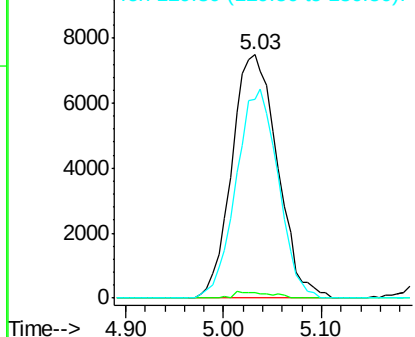
#28

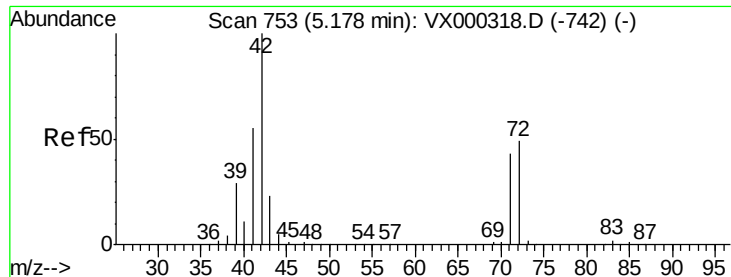
Bromochloromethane
Concen: 26.08 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion: 49 Resp: 24177
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 79.5 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

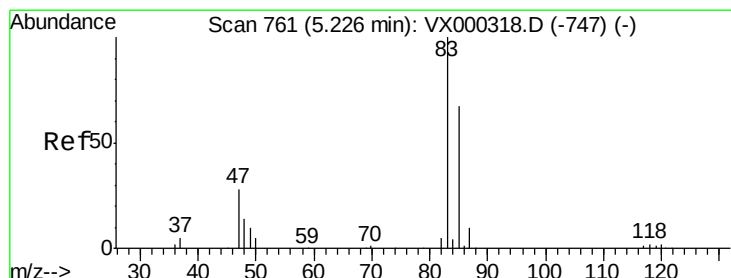
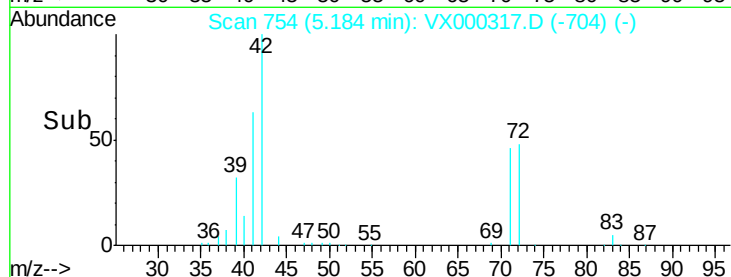
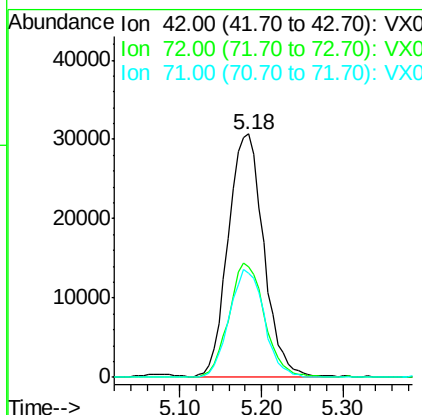
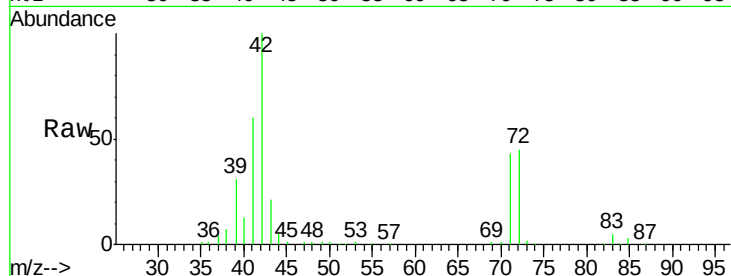




#29
Tetrahydrofuran
Concen: 110.25 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

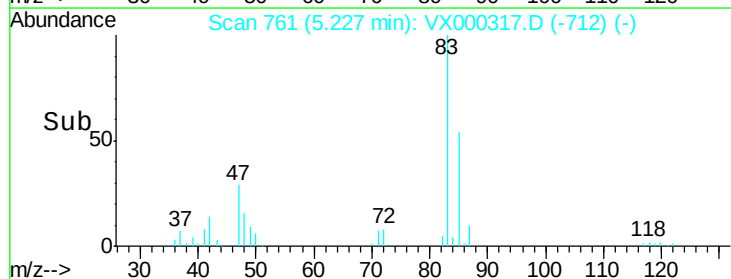
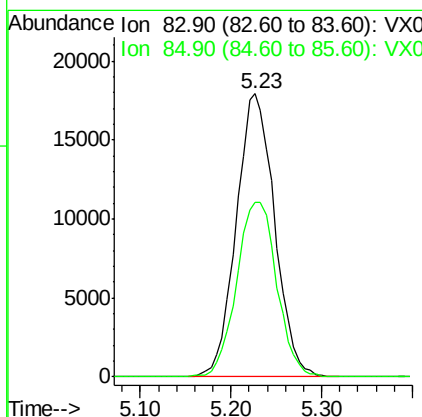
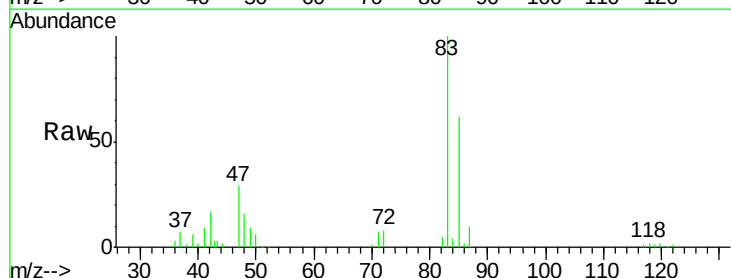
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

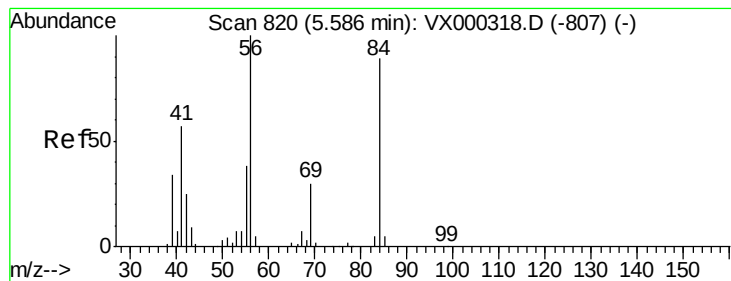
Tgt Ion: 42 Resp: 92050
Ion Ratio Lower Upper
42 100
72 47.1 37.9 56.9
71 43.8 34.4 51.6



#30
Chloroform
Concen: 25.36 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion: 83 Resp: 52372
Ion Ratio Lower Upper
83 100
85 61.6 53.3 79.9





#31

Cyclohexane

Concen: 23.33 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

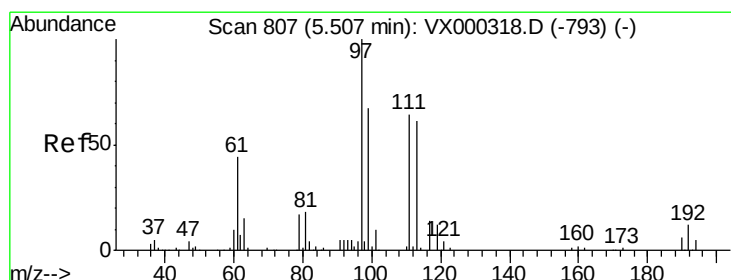
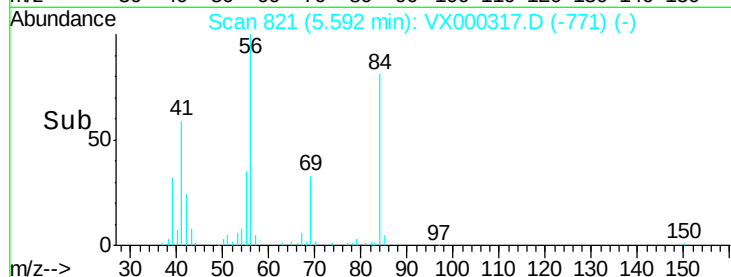
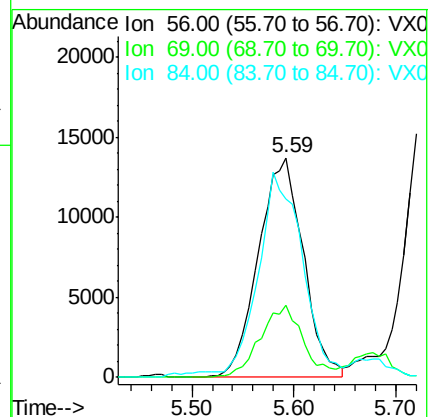
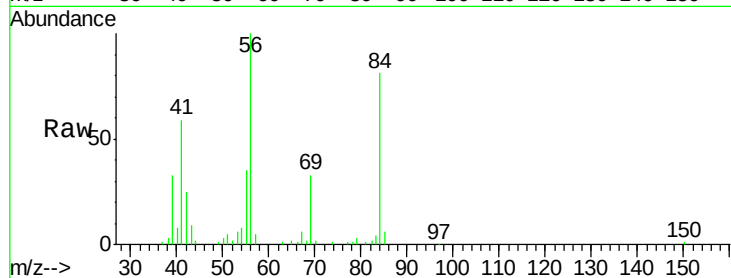
Tgt Ion: 56 Resp: 41905

Ion Ratio Lower Upper

56 100

69 32.7 23.4 35.0

84 78.9 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 24.24 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

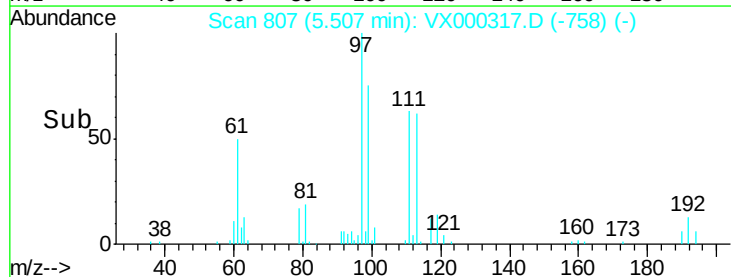
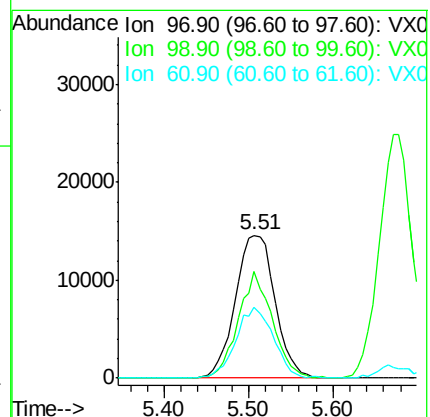
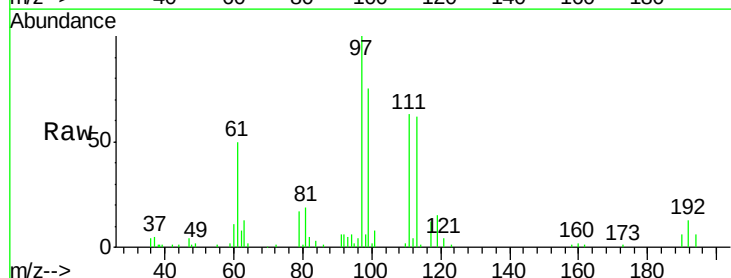
Tgt Ion: 97 Resp: 46512

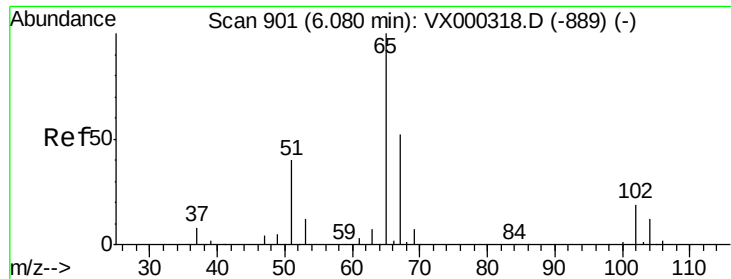
Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 46.9 36.2 54.4

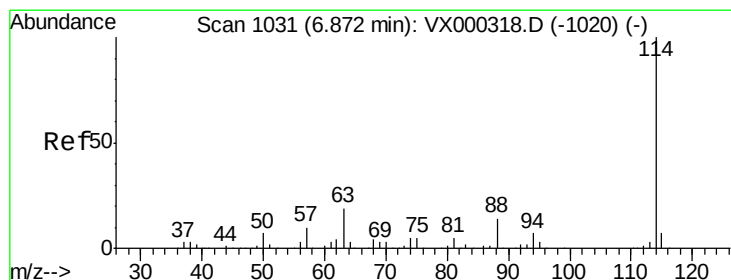
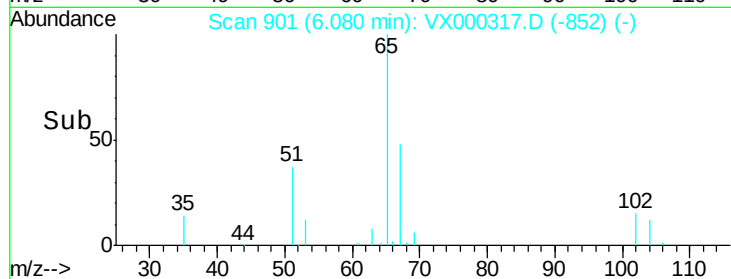
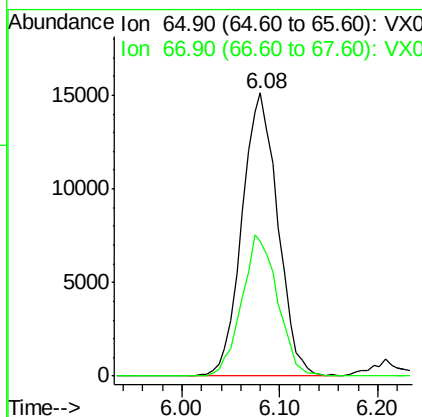
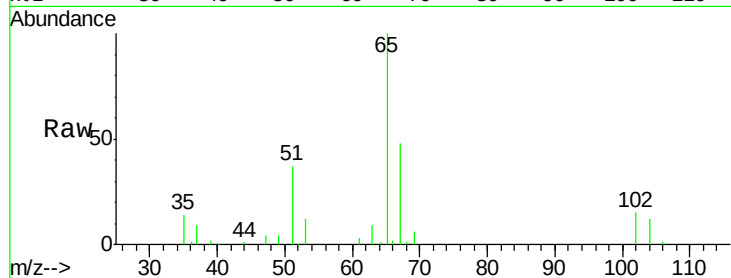




#33
 1,2-Dichloroethane-d4
 Concen: 28.34 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

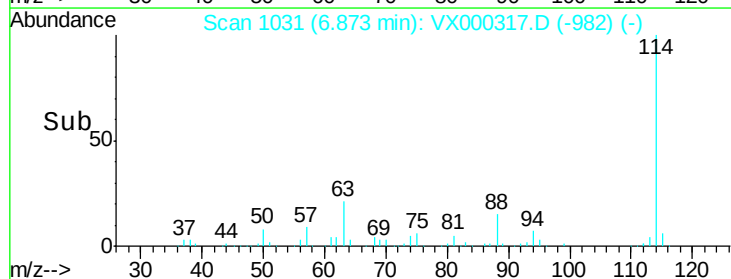
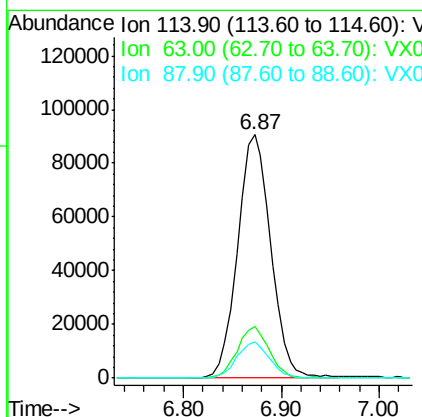
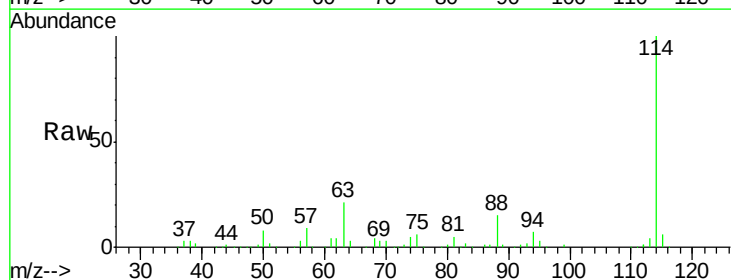
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

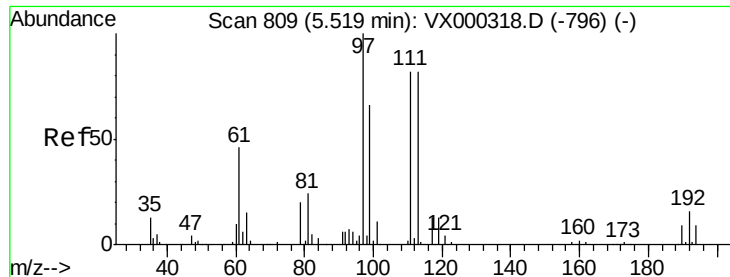
Tgt Ion: 65 Resp: 38379
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion: 114 Resp: 213215
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 38.4
 88 15.1 0.0 27.0

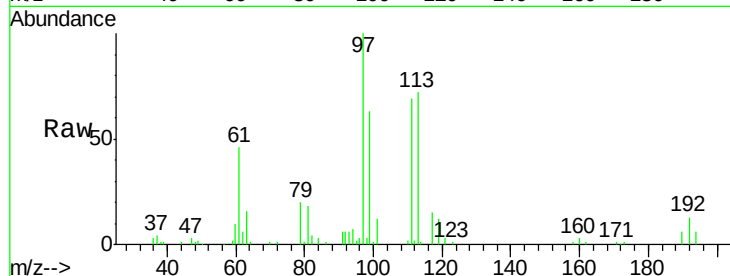




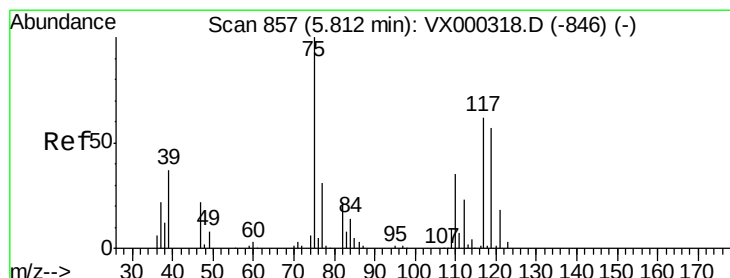
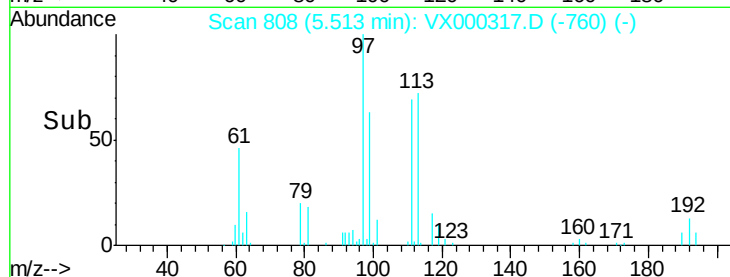
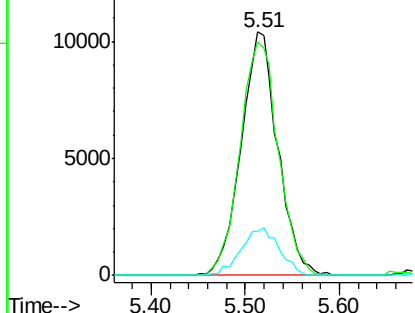
#35
 Dibromofluoromethane
 Concen: 20.93 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tgt Ion:113 Resp: 28306
 Ion Ratio Lower Upper
 113 100
 111 100.6 82.4 123.6
 192 20.3 15.8 23.6

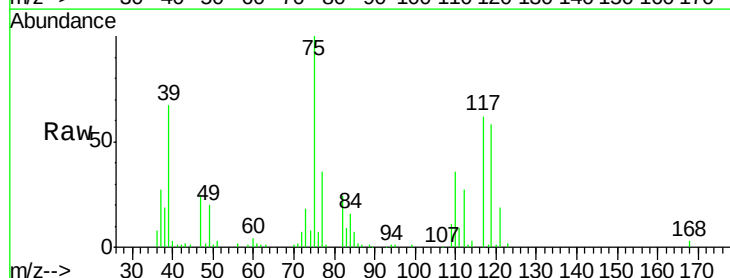


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

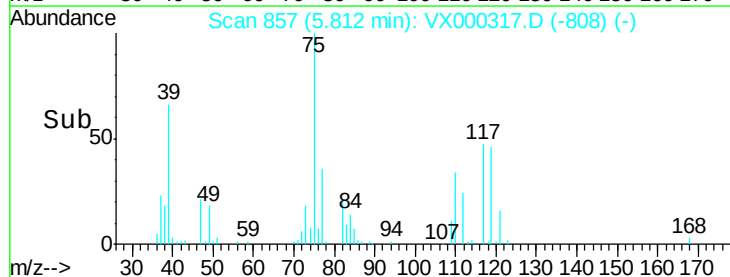
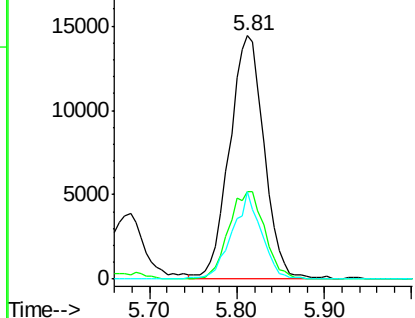


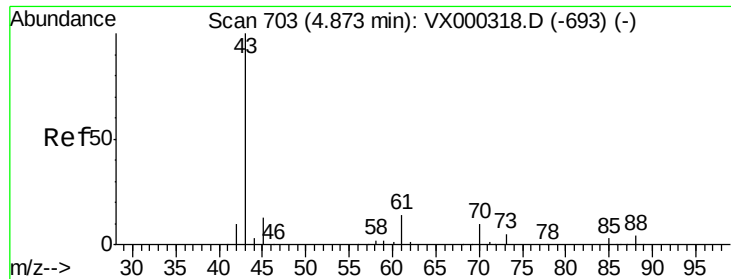
#36
 1,1-Dichloropropene
 Concen: 20.97 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion: 75 Resp: 39638
 Ion Ratio Lower Upper
 75 100
 110 37.4 17.9 53.7
 77 30.5 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

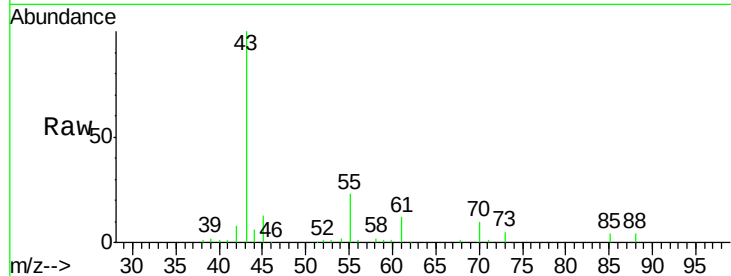




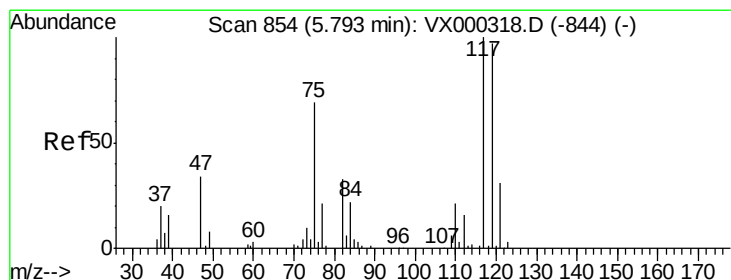
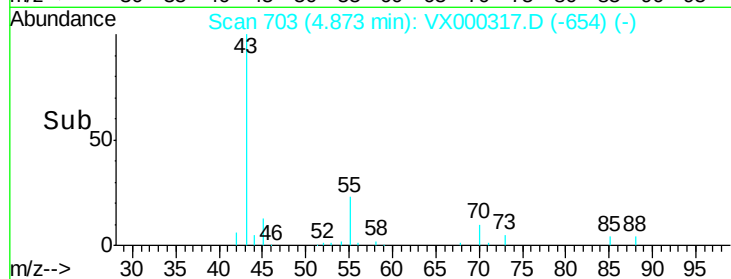
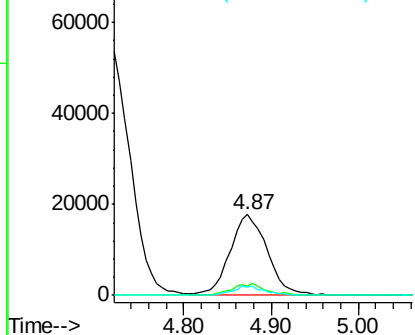
#37
Ethyl Acetate
Concen: 19.70 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 51845
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 10.0 7.7 11.5

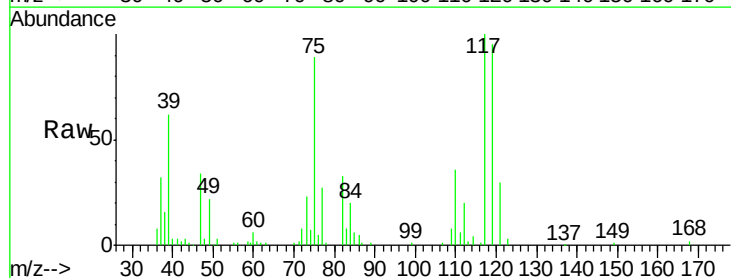


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

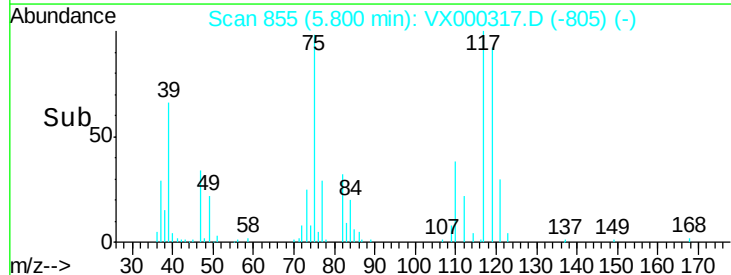
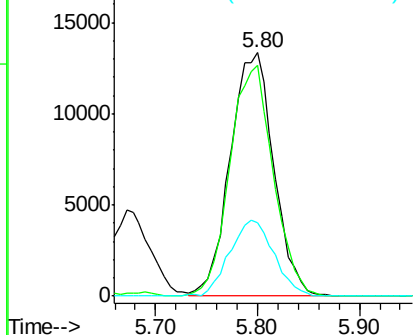


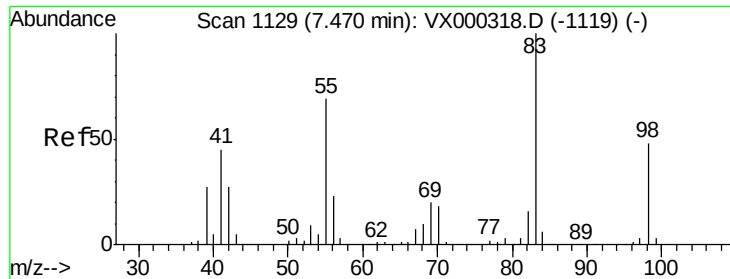
#38
Carbon Tetrachloride
Concen: 19.17 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion: 117 Resp: 39541
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.2
121 29.9 24.8 37.2



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

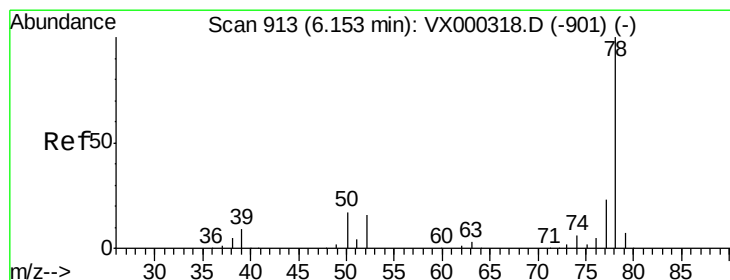
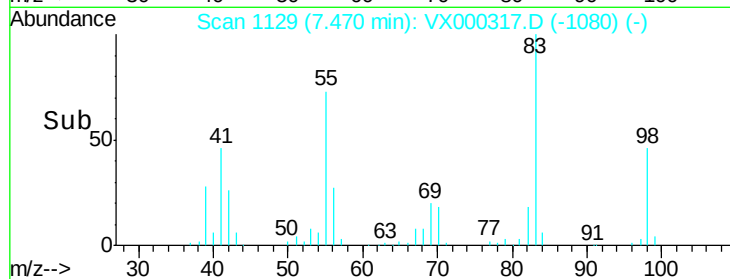
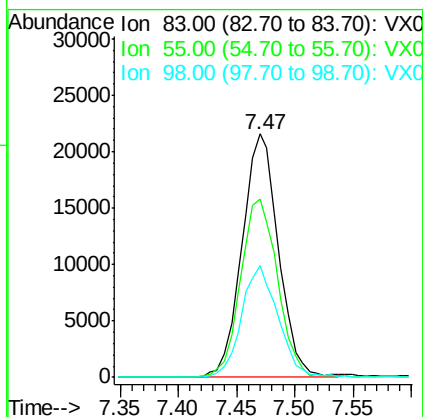
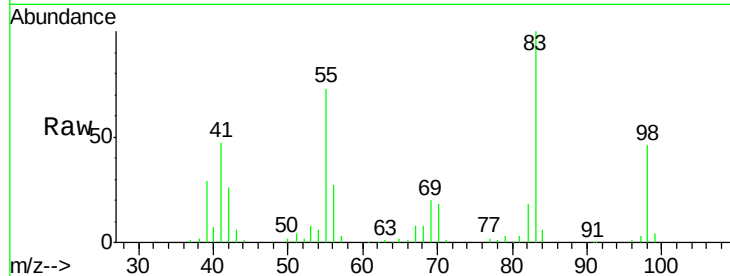




#39
Methylcyclohexane
Concen: 19.66 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

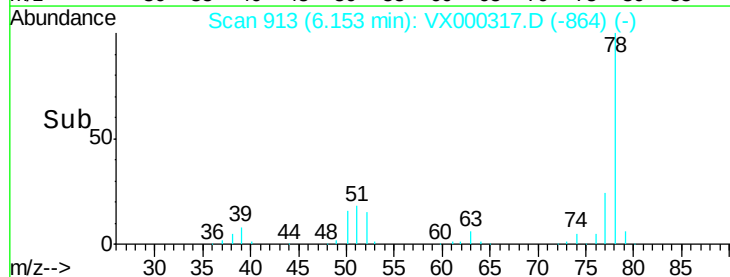
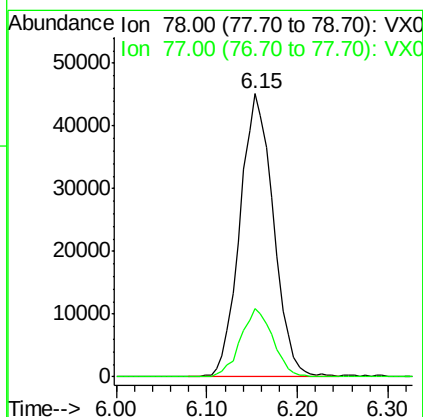
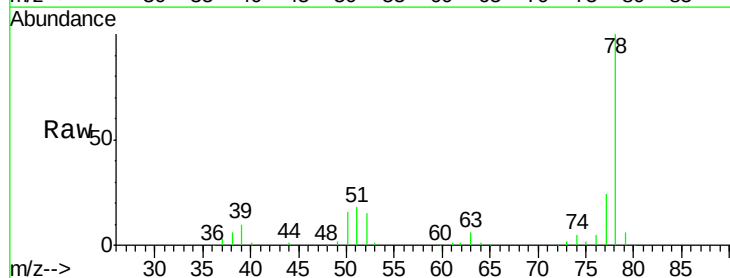
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

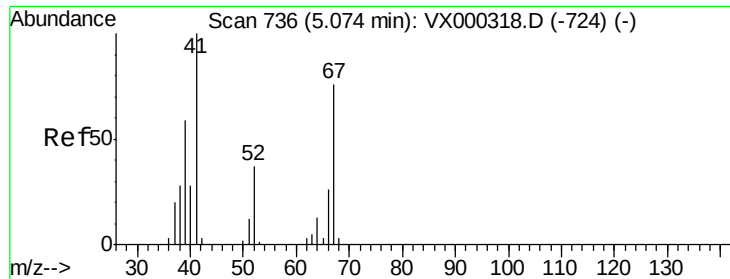
Tgt Ion: 83 Resp: 46789
Ion Ratio Lower Upper
83 100
55 73.1 55.5 83.3
98 45.7 38.2 57.4



#40
Benzene
Concen: 21.59 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion: 78 Resp: 115715
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1

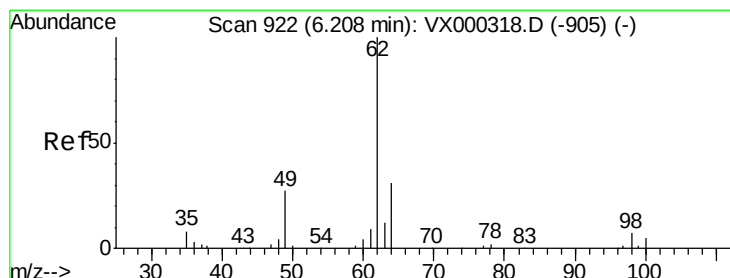
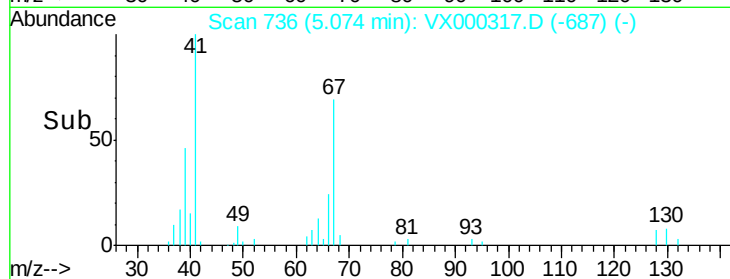
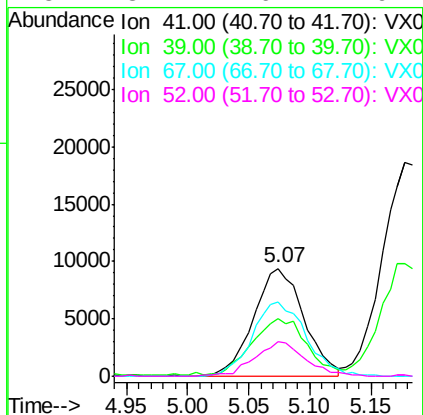
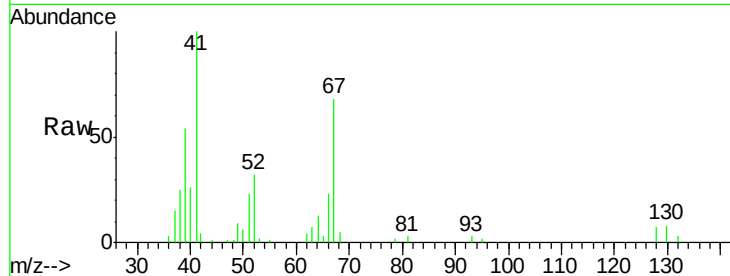




#41
Methacrylonitrile
Concen: 19.48 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

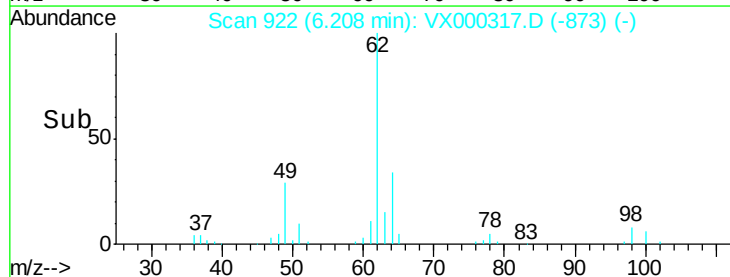
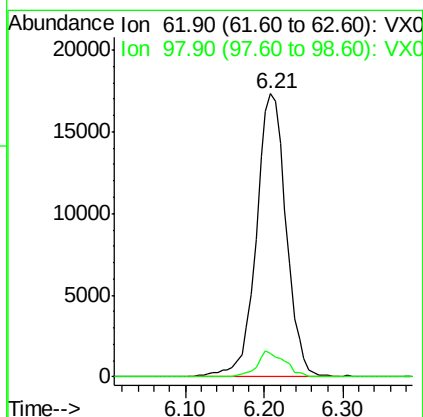
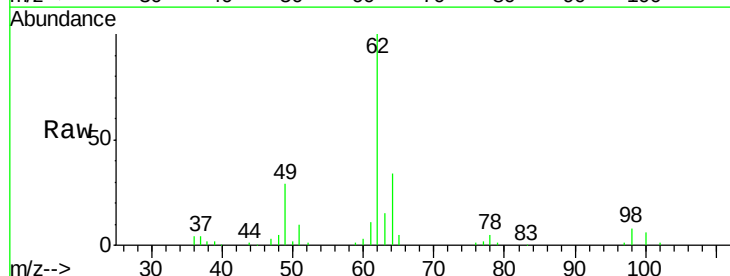
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

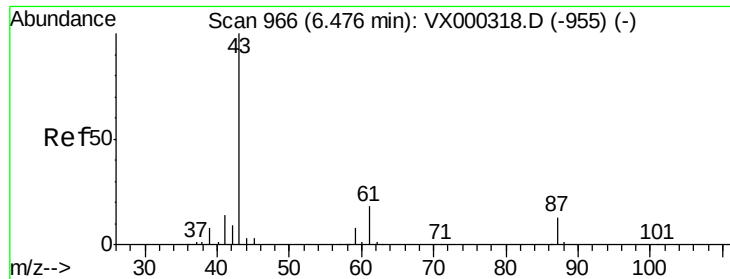
Tgt Ion:	41	Resp:	26954
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.7	68.5
67	74.0	57.8	86.8
52	32.2	26.7	40.1



#42
1,2-Dichloroethane
Concen: 23.45 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion:	62	Resp:	45611
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8





#43

Isopropyl Acetate

Concen: 20.29 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

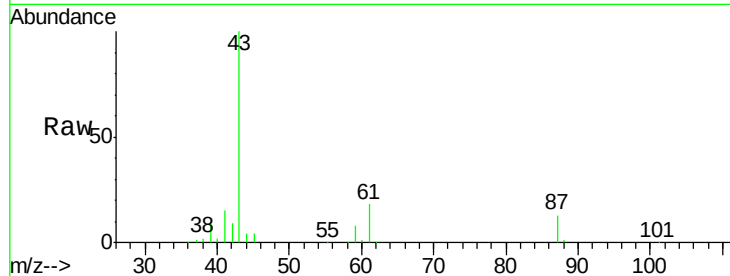
Tgt Ion: 43 Resp: 79334

Ion Ratio Lower Upper

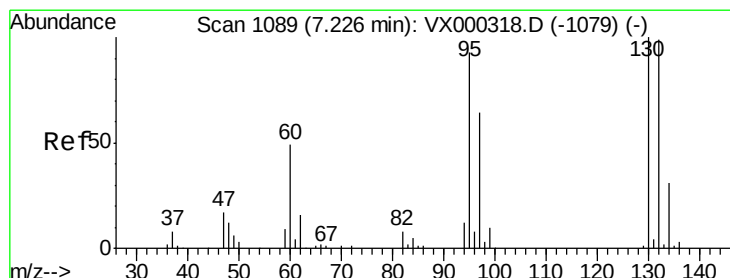
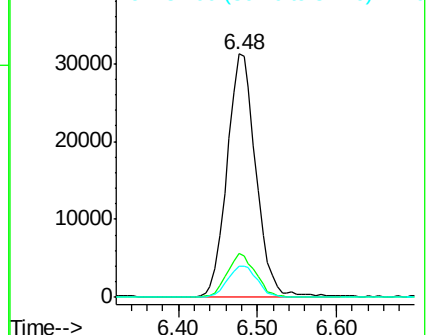
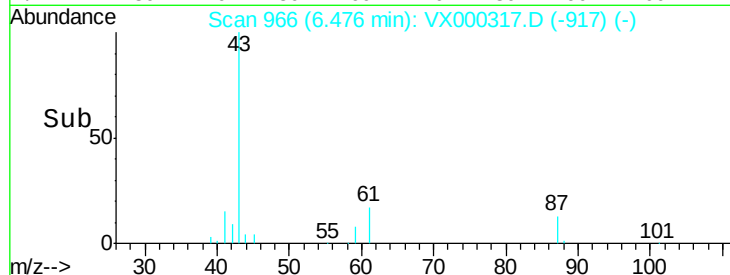
43 100

61 18.0 14.4 21.6

87 12.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX000317.D (-917) (-)



#44

Trichloroethene

Concen: 19.76 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VX000317.D

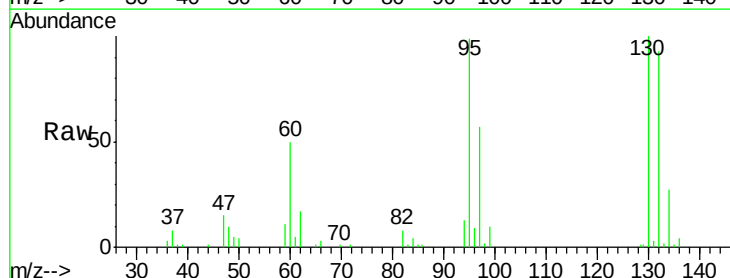
Acq: 14 Mar 2018 16:51

Tgt Ion: 130 Resp: 33451

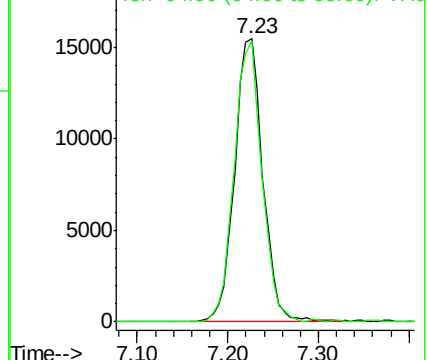
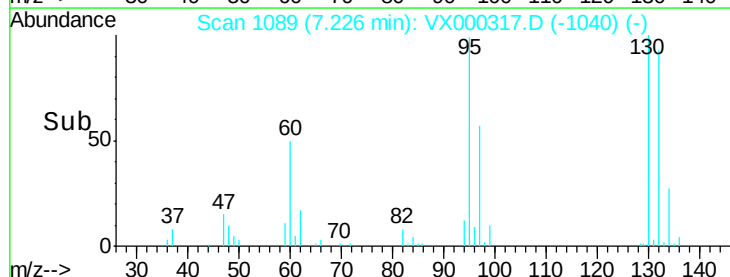
Ion Ratio Lower Upper

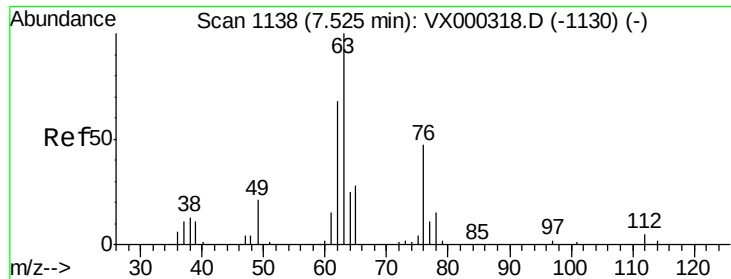
130 100

95 99.3 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VX000317.D (-1040) (-)

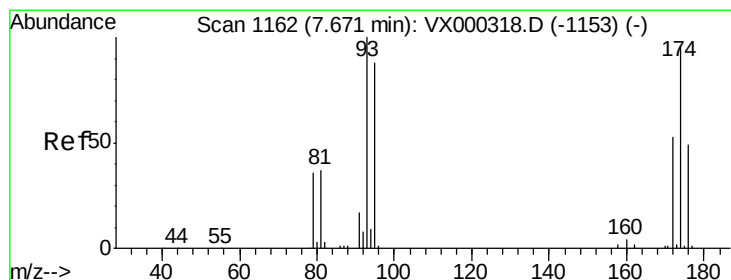
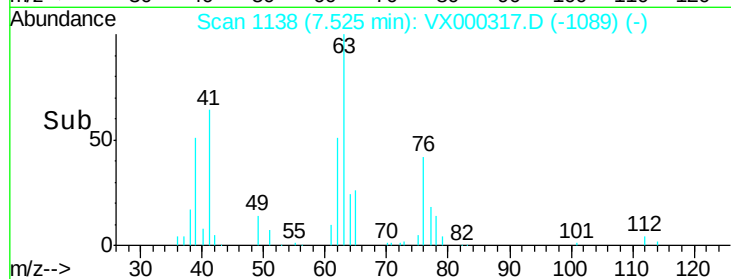
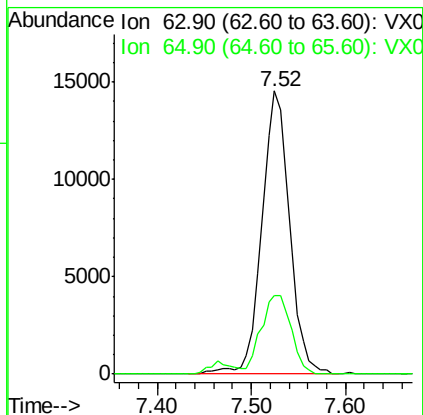
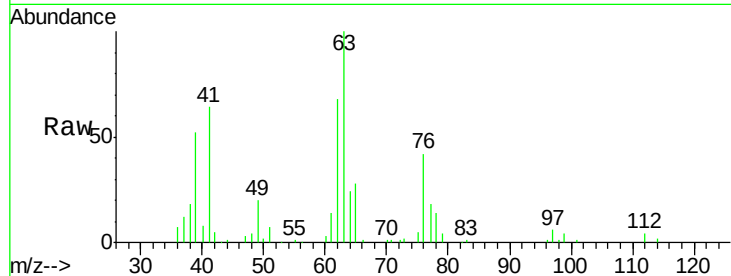




#45
 1,2-Dichloropropane
 Concen: 21.87 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

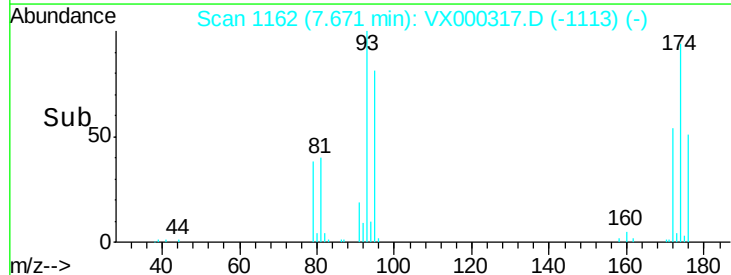
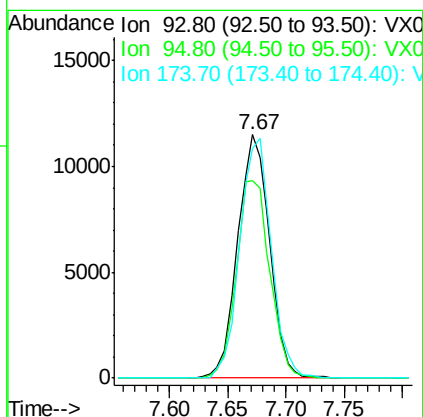
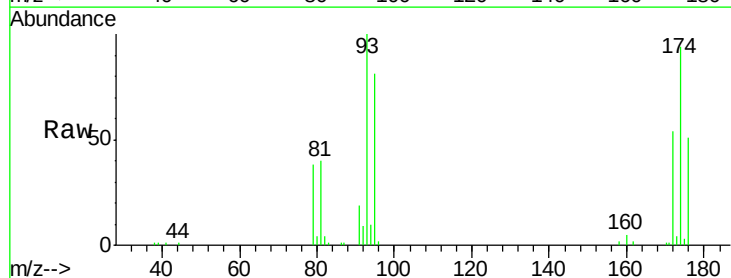
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

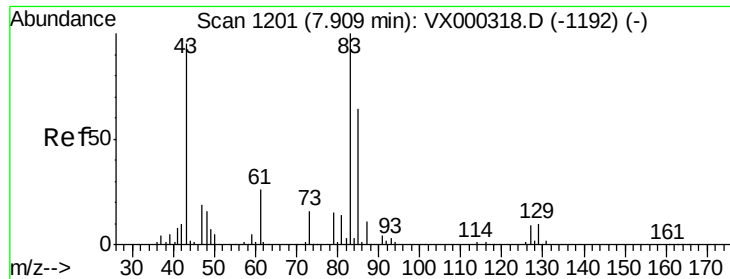
Tgt Ion: 63 Resp: 30178
 Ion Ratio Lower Upper
 63 100
 65 27.7 24.6 36.8



#46
 Dibromomethane
 Concen: 21.32 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion: 93 Resp: 21944
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.5 99.7
 174 97.5 76.0 114.0





#47

Bromodichloromethane

Concen: 21.21 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

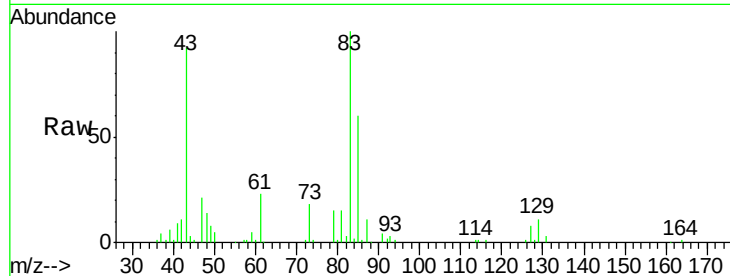
Tgt Ion: 83 Resp: 41316

Ion Ratio Lower Upper

83 100

85 59.7 51.4 77.0

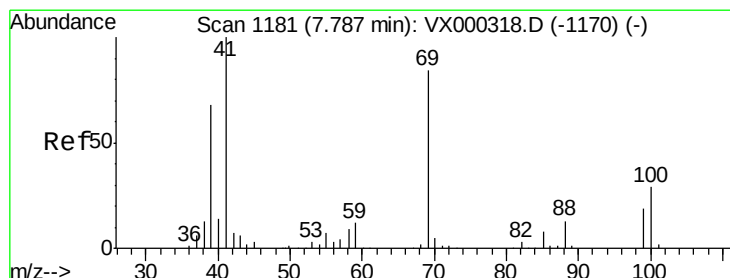
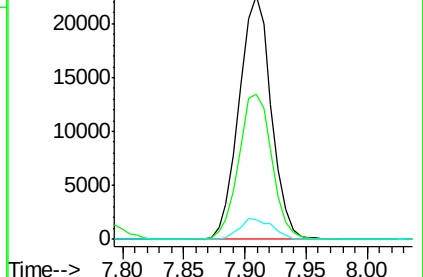
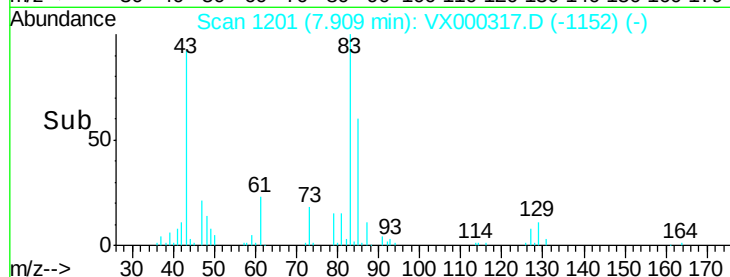
127 8.3 7.0 10.6



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: 20.35 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

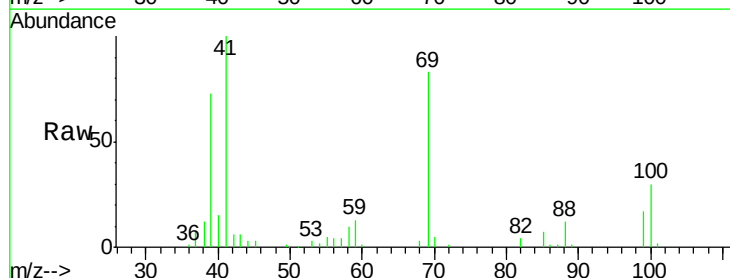
Tgt Ion: 41 Resp: 39377

Ion Ratio Lower Upper

41 100

69 83.1 68.2 102.4

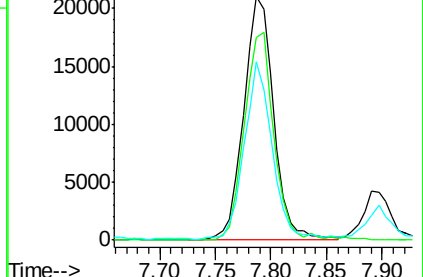
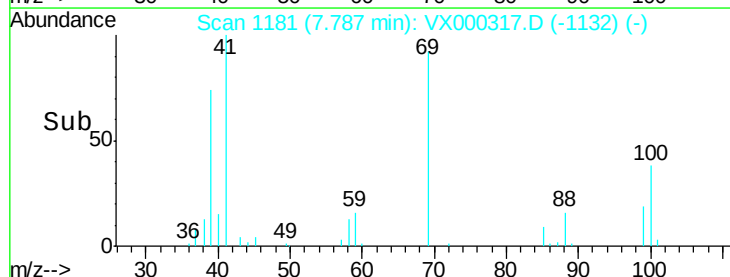
39 67.8 54.6 81.8

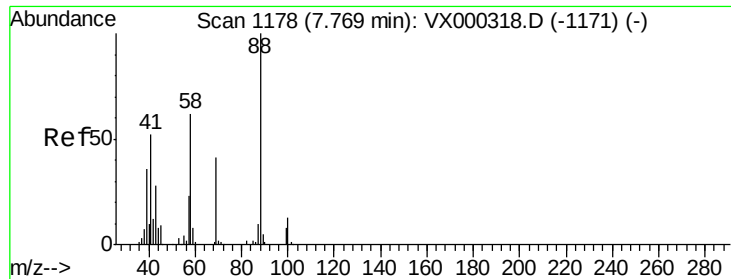


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

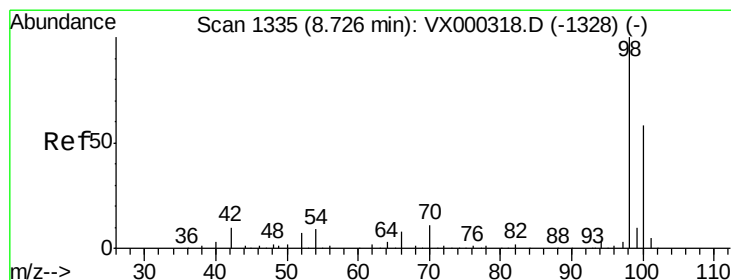
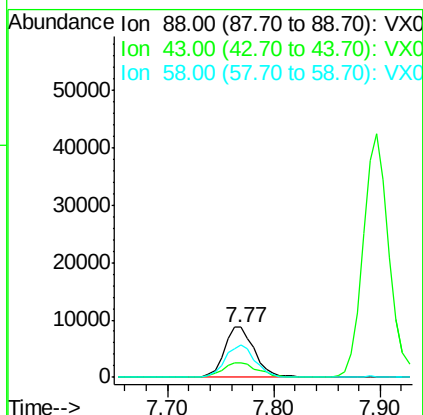
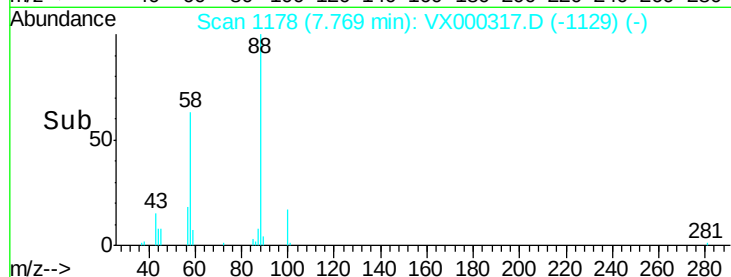
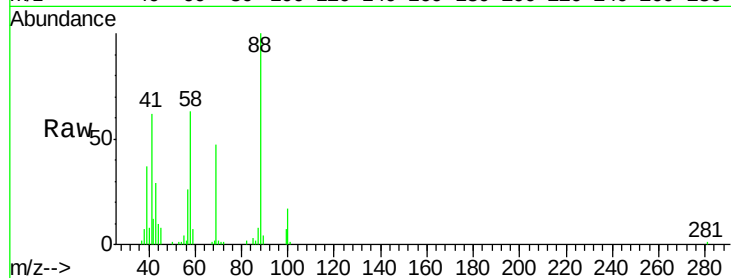




#49
1,4-Dioxane
Concen: 356.77 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

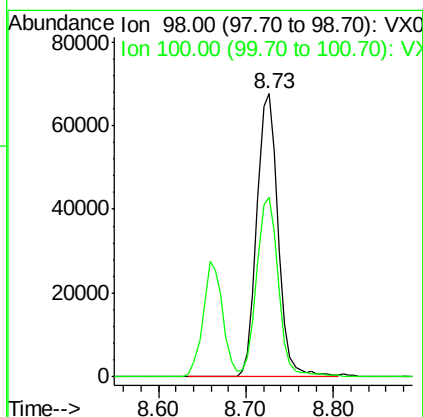
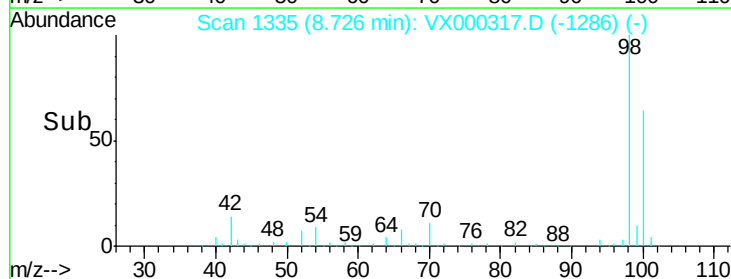
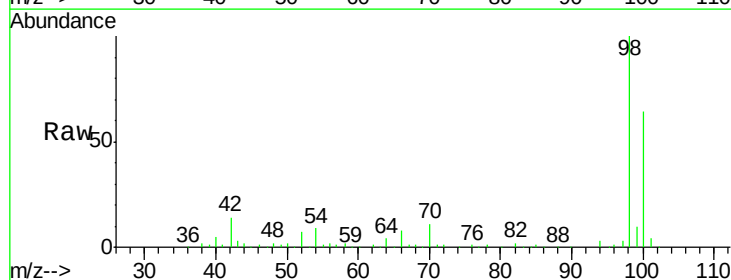
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

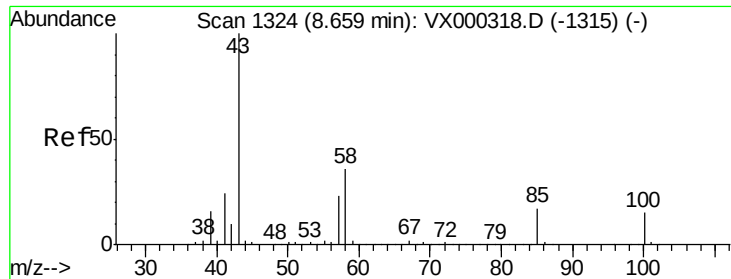
Tgt Ion: 88 Resp: 17424
Ion Ratio Lower Upper
88 100
43 34.4 26.8 40.2
58 63.8 52.2 78.2



#50
Toluene-d8
Concen: 22.02 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion: 98 Resp: 114248
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 107.30 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

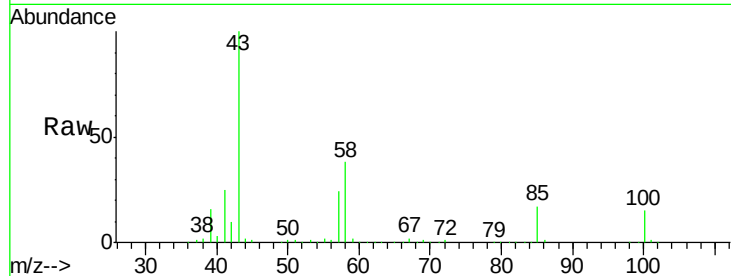
VSTDIC020

Tgt Ion: 43 Resp: 297685

Ion Ratio Lower Upper

43 100

58 37.0 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

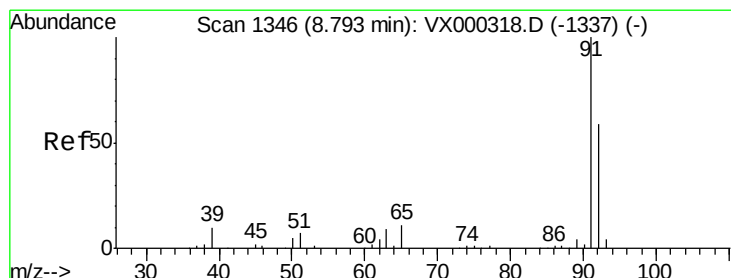
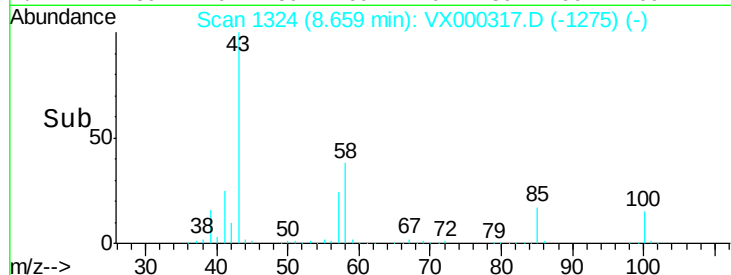
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.91 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000317.D

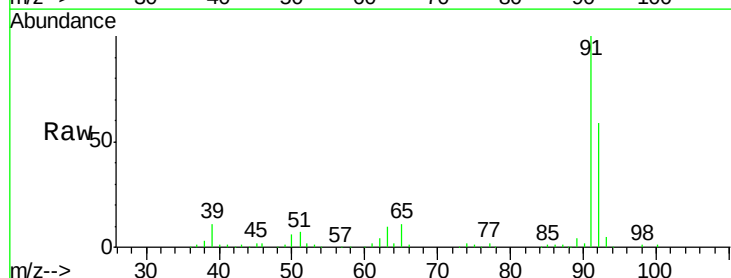
Acq: 14 Mar 2018 16:51

Tgt Ion: 92 Resp: 78641

Ion Ratio Lower Upper

92 100

91 173.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

100000

80000

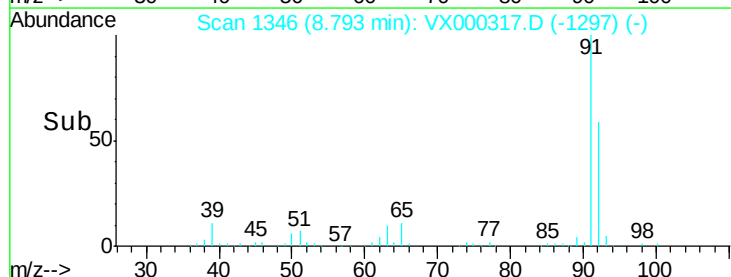
60000

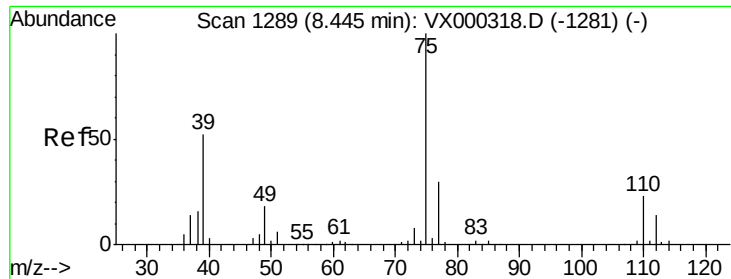
40000

20000

0

Time-->

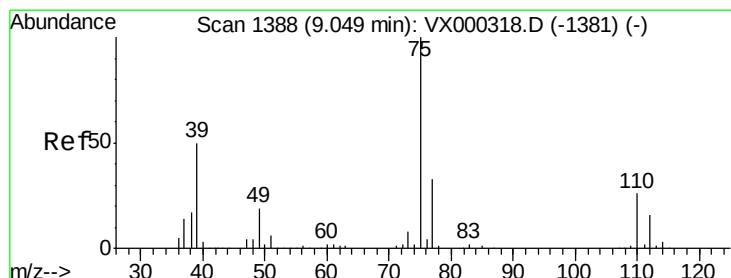
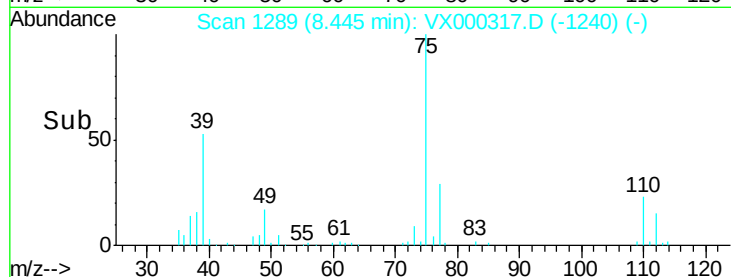
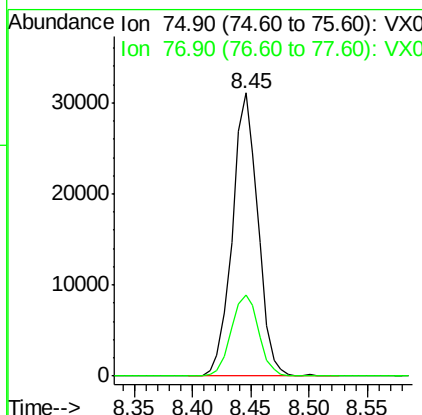
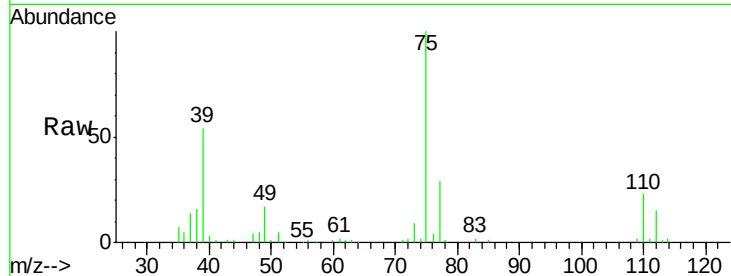




#53
 t-1,3-Dichloropropene
 Concen: 20.51 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

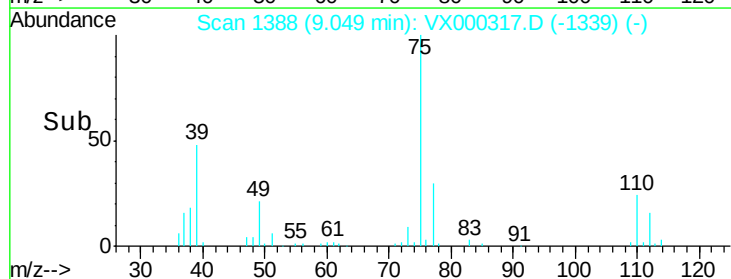
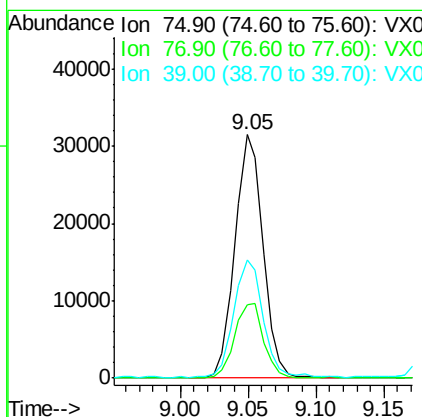
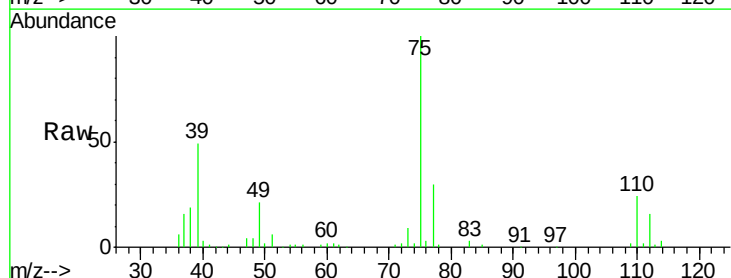
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

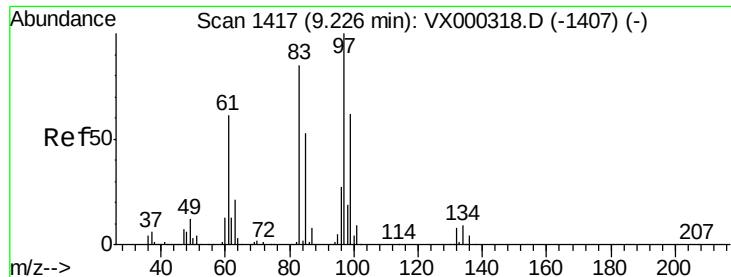
Tgt Ion: 75 Resp: 47692
 Ion Ratio Lower Upper
 75 100
 77 28.6 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.79 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion: 75 Resp: 45080
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.1 39.1
 39 48.5 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 20.99 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 31199

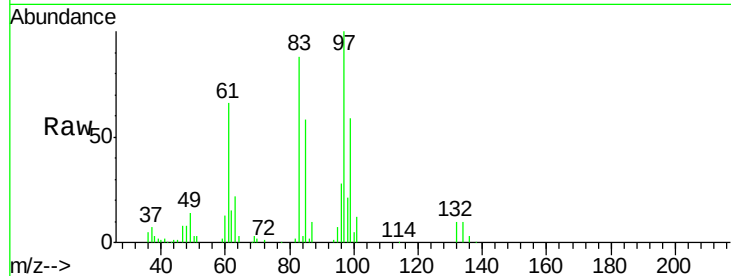
Ion Ratio Lower Upper

97 100

83 87.5 67.9 101.9

85 58.1 42.8 64.2

99 59.1 49.4 74.2

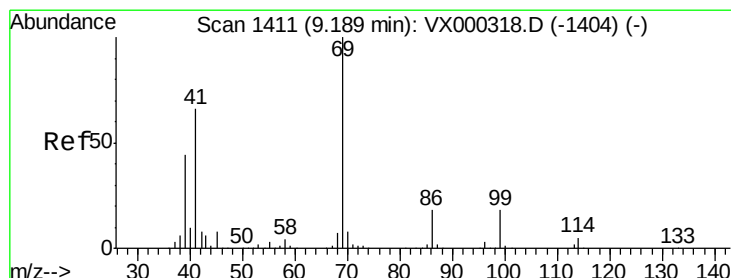
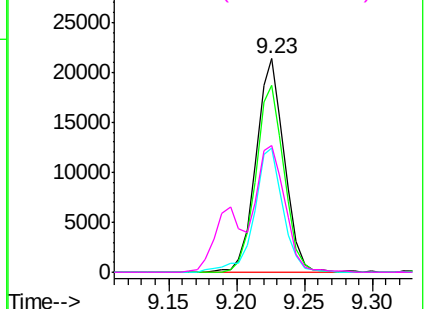
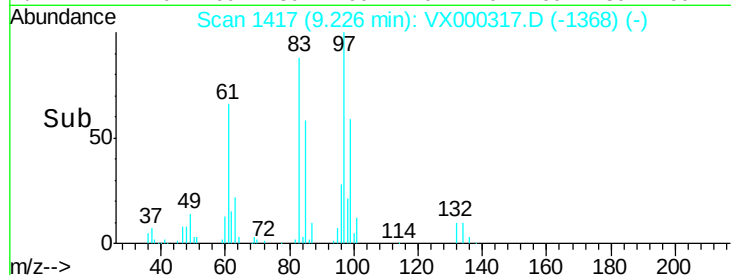


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.46 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

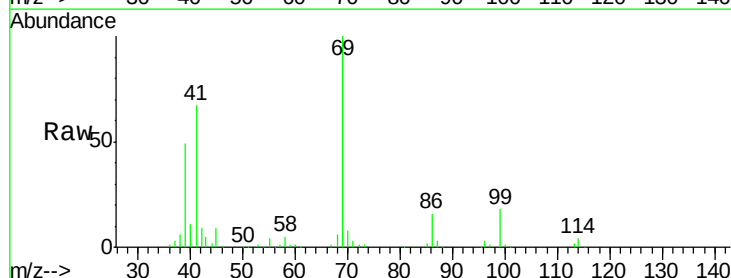
Tgt Ion: 69 Resp: 46216

Ion Ratio Lower Upper

69 100

41 69.7 53.0 79.6

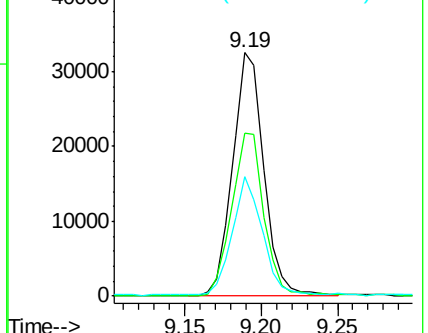
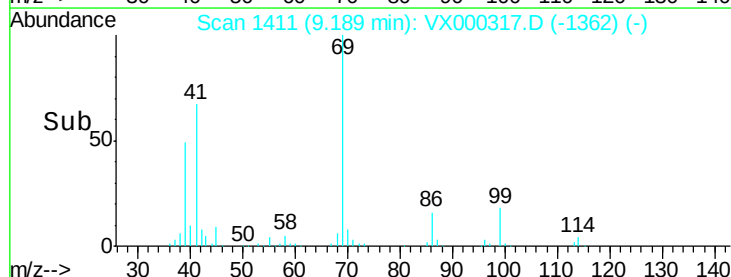
39 47.6 35.3 52.9

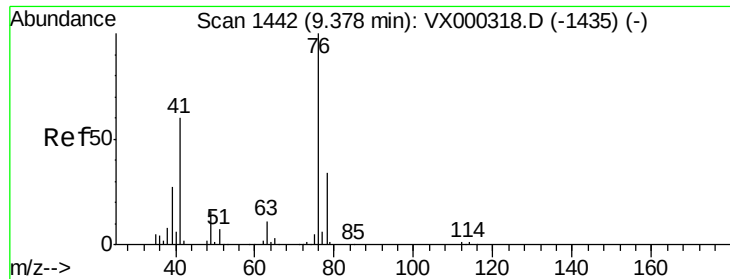


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

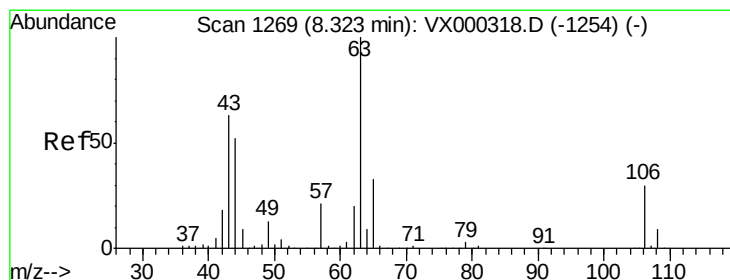
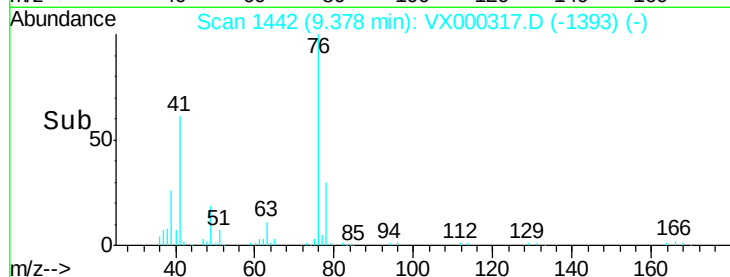
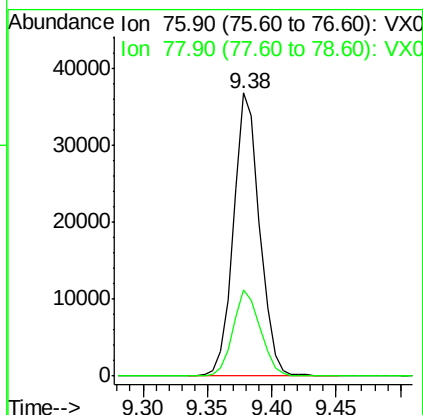
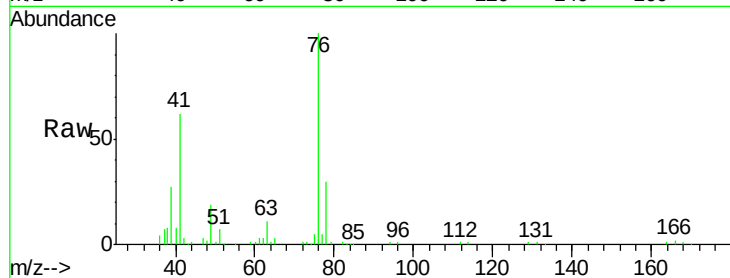




#57
 1,3-Dichloropropane
 Concen: 22.00 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

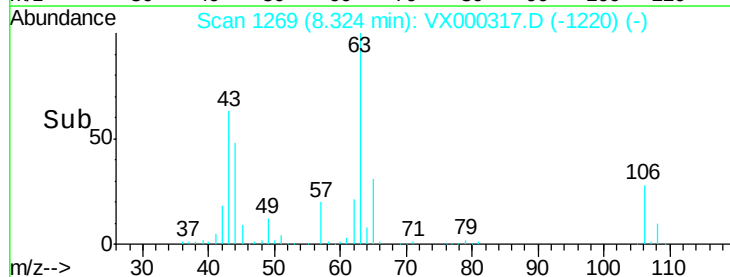
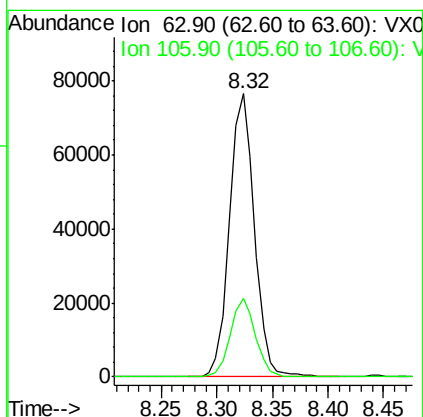
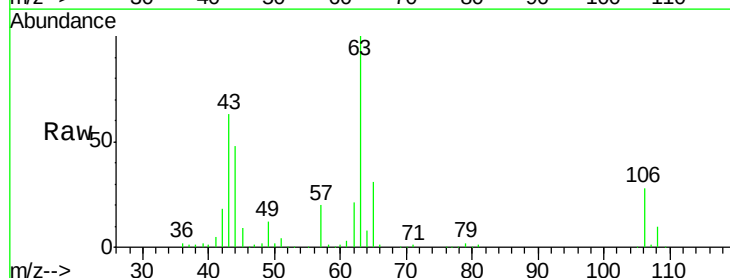
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

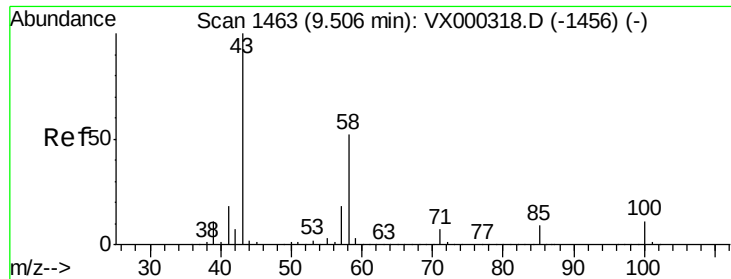
Tgt Ion: 76 Resp: 51941
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.46 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion: 63 Resp: 118887
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.2 34.8

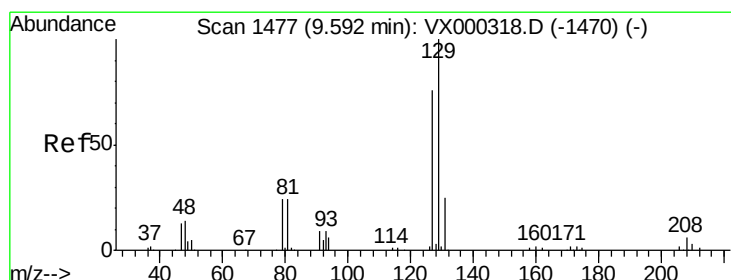
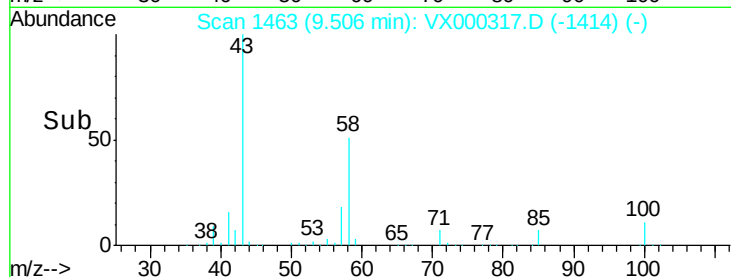
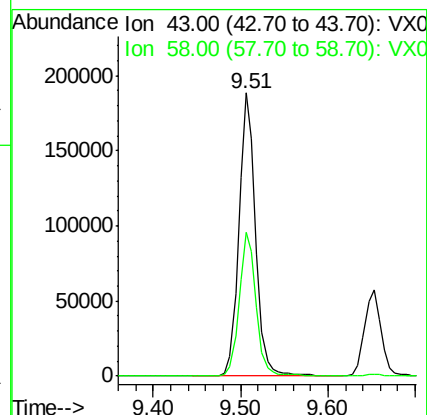
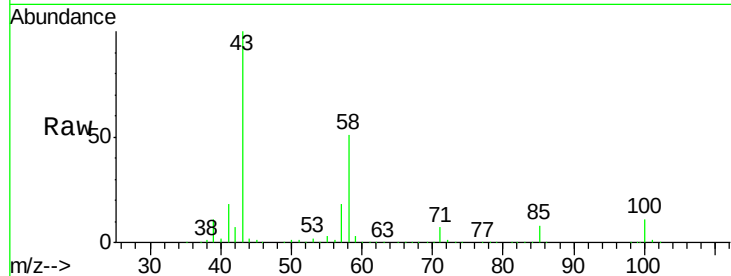




#59
2-Hexanone
Concen: 105.76 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

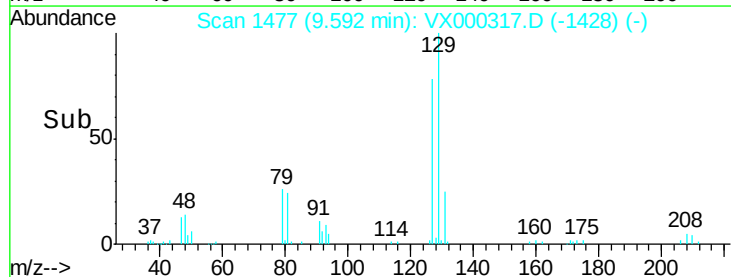
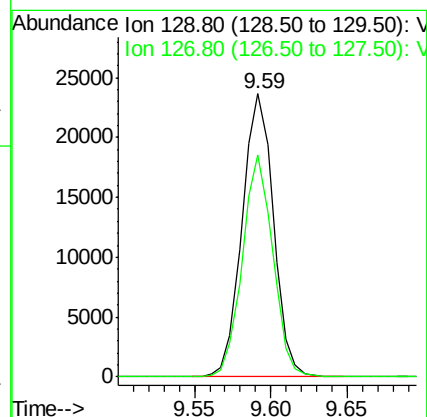
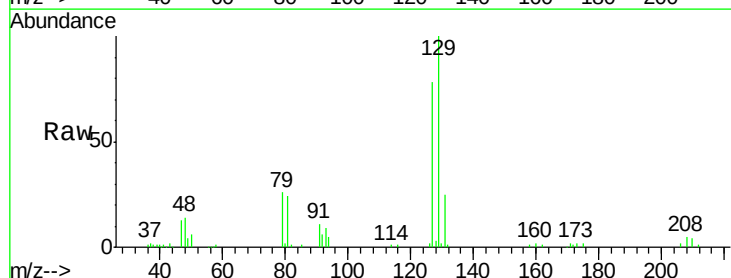
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

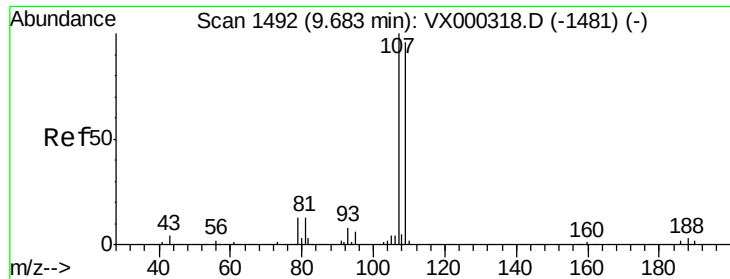
Tgt Ion: 43 Resp: 252079
Ion Ratio Lower Upper
43 100
58 51.3 26.6 79.7



#60
Dibromochloromethane
Concen: 19.29 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion: 129 Resp: 33594
Ion Ratio Lower Upper
129 100
127 76.2 37.9 113.6





#61

1,2-Dibromoethane

Concen: 21.58 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

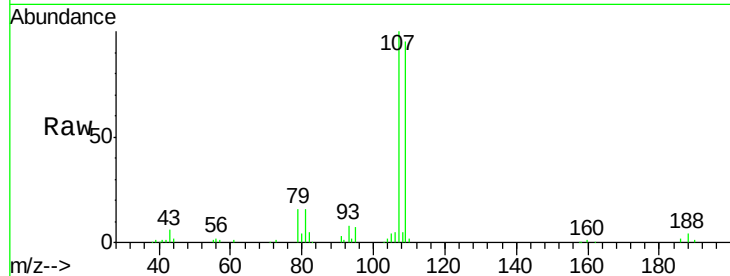
VSTDIC020

Tgt Ion: 107 Resp: 35289

Ion Ratio Lower Upper

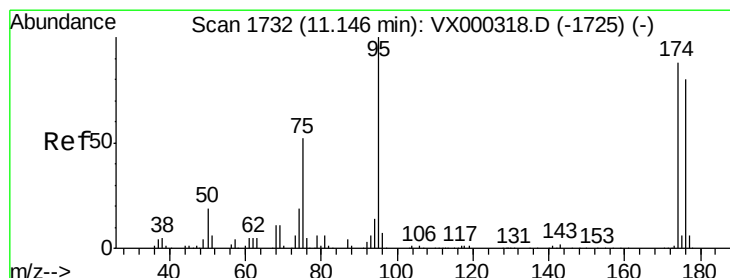
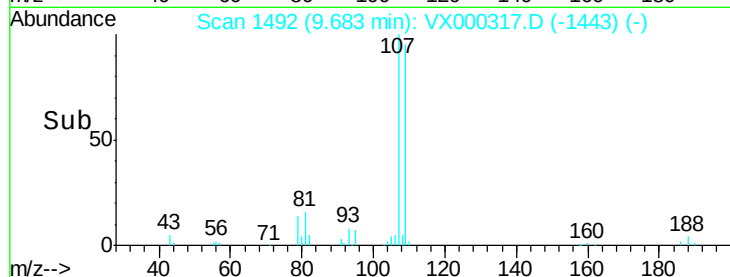
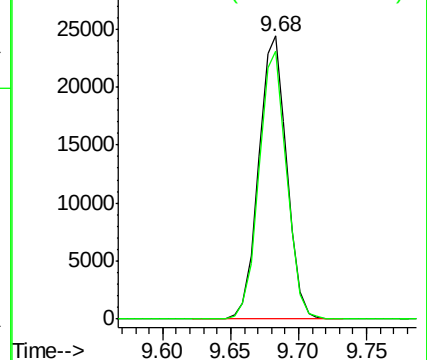
107 100

109 93.5 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: 20.09 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

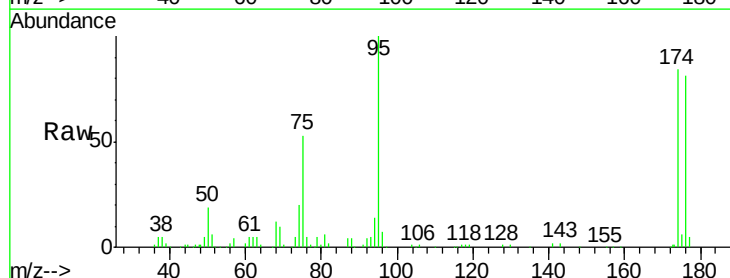
Tgt Ion: 95 Resp: 43907

Ion Ratio Lower Upper

95 100

174 84.3 0.0 173.6

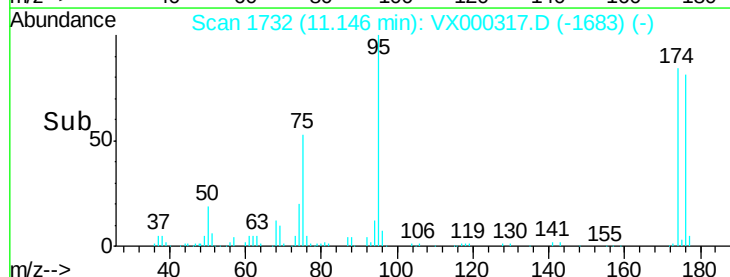
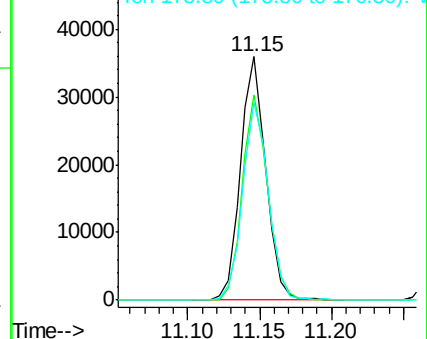
176 82.8 0.0 164.6

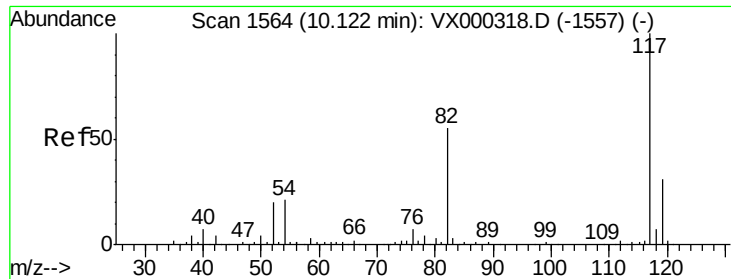


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

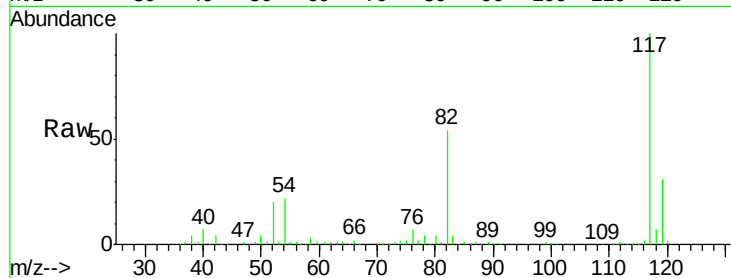




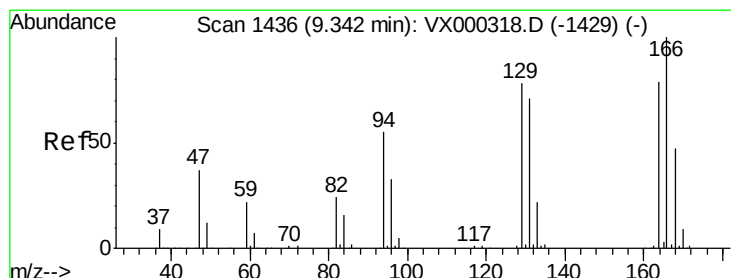
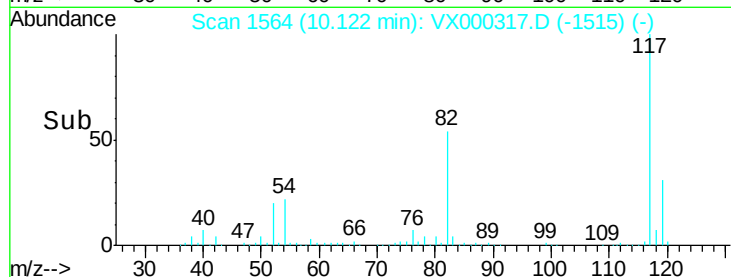
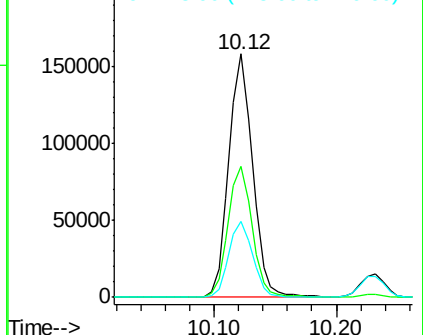
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 213585
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 31.0 24.9 37.3

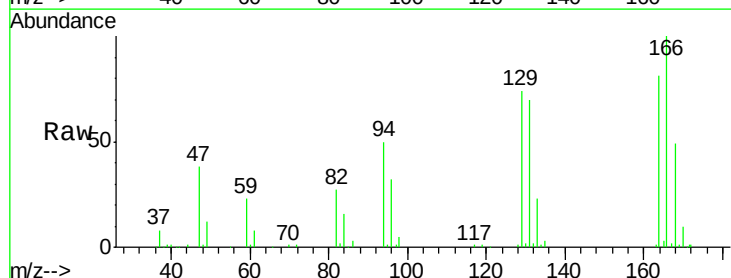


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

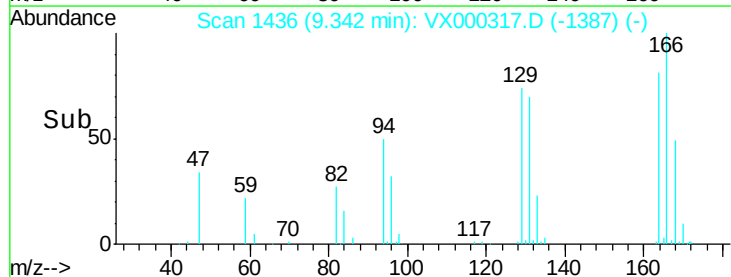
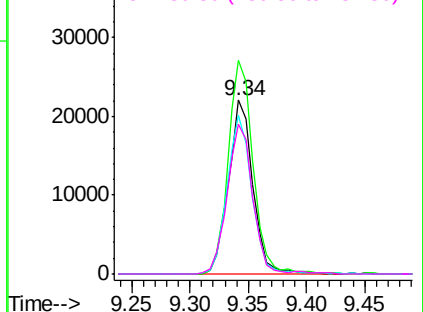


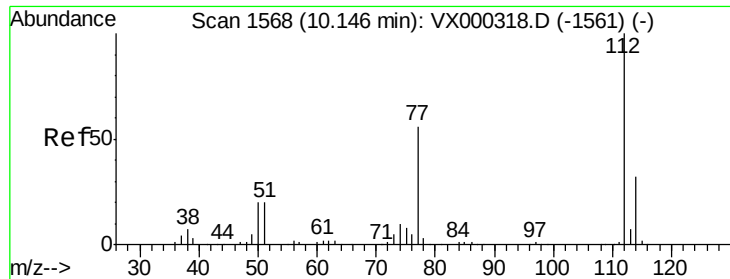
#64
Tetrachloroethene
Concen: 17.95 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion:164 Resp: 32298
Ion Ratio Lower Upper
164 100
166 122.8 101.0 151.6
129 91.2 79.0 118.4
131 86.4 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

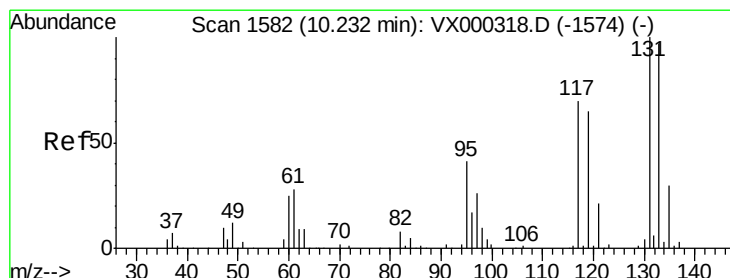
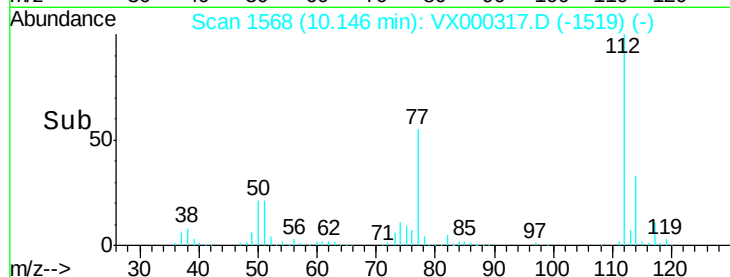
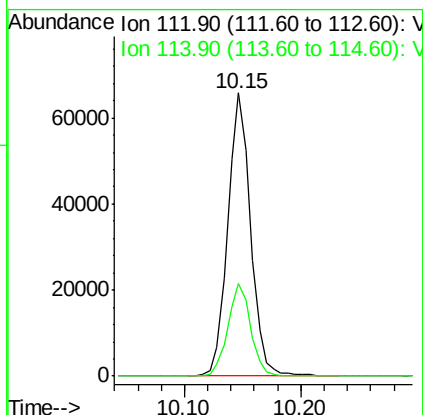
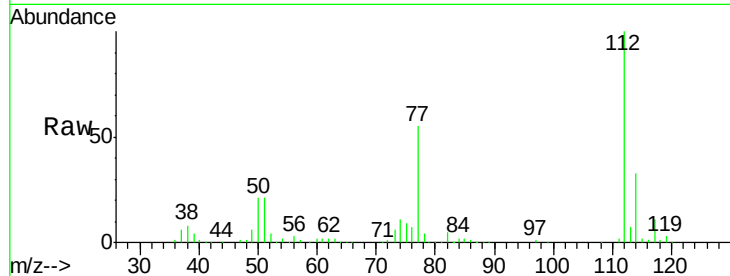




#65
Chlorobenzene
Concen: 19.97 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

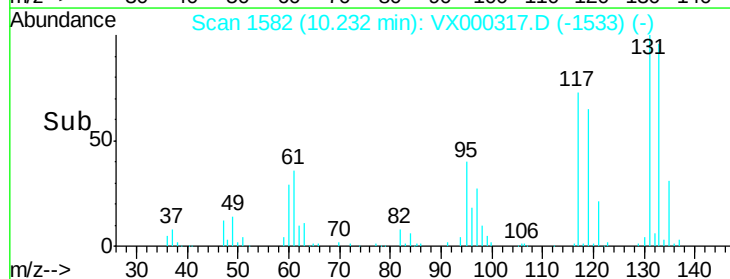
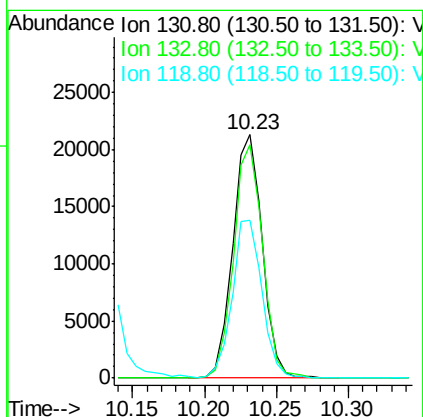
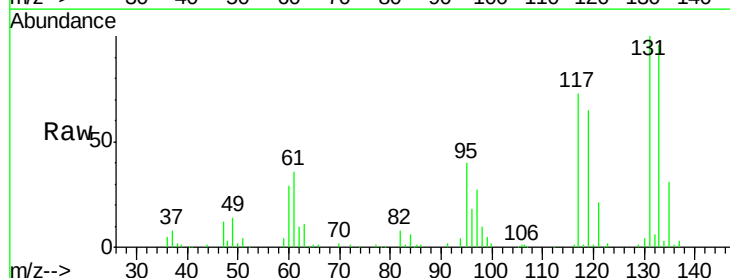
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

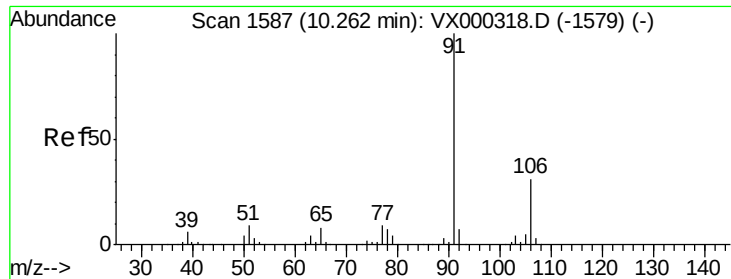
Tgt Ion:112 Resp: 89801
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.43 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion:131 Resp: 30443
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 65.7 33.1 99.2





#67

Ethyl Benzene

Concen: 21.19 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

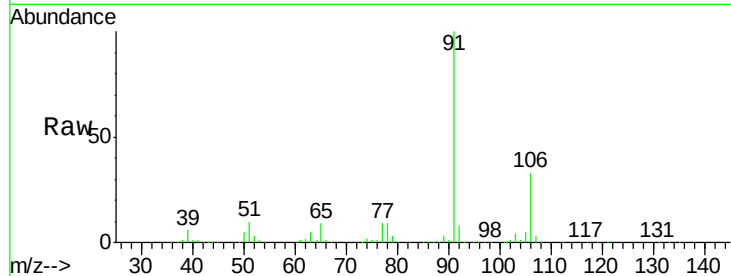
VSTDIC020

Tgt Ion: 91 Resp: 158113

Ion Ratio Lower Upper

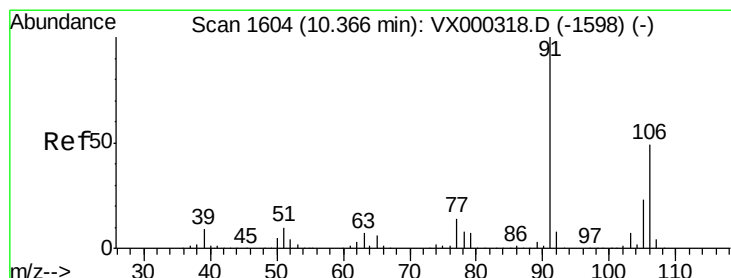
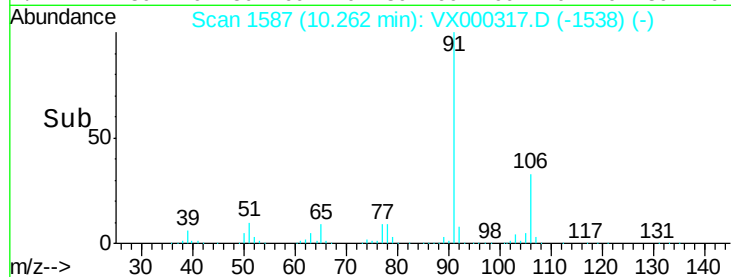
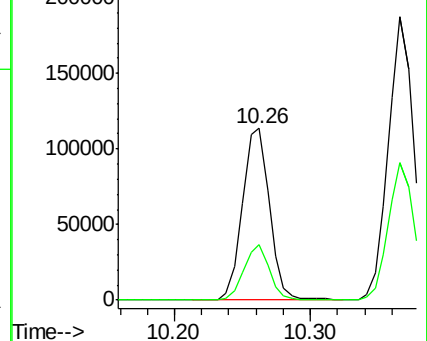
91 100

106 32.7 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.38 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000317.D

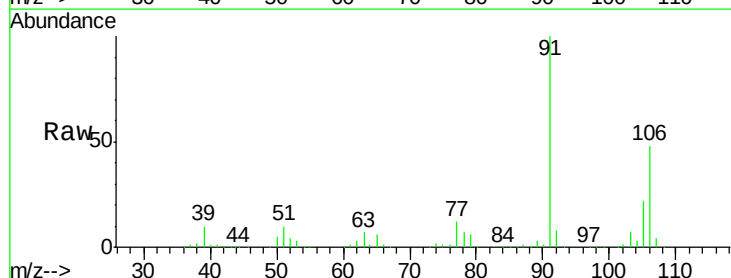
Acq: 14 Mar 2018 16:51

Tgt Ion: 106 Resp: 122074

Ion Ratio Lower Upper

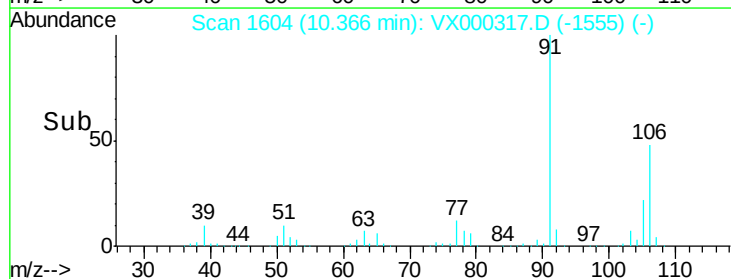
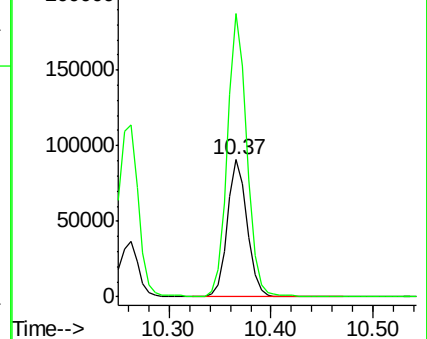
106 100

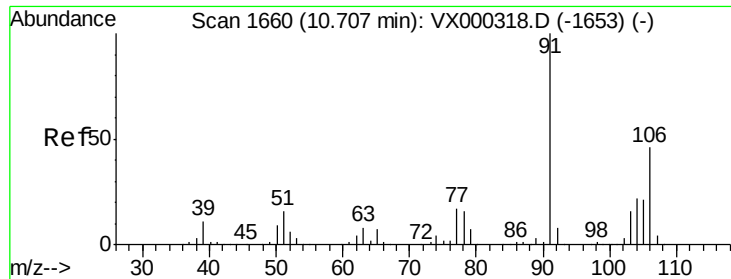
91 204.4 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

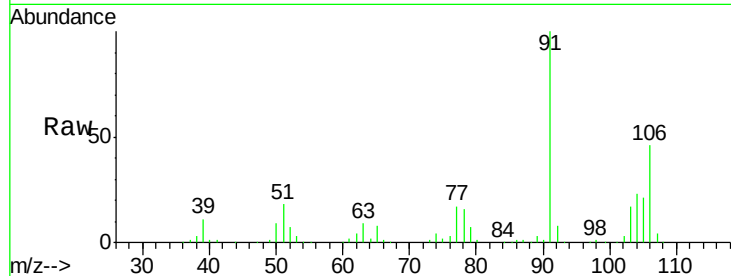




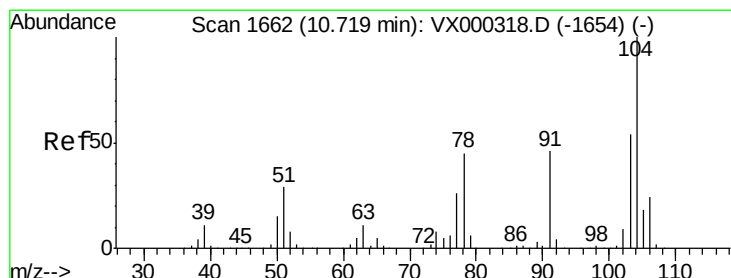
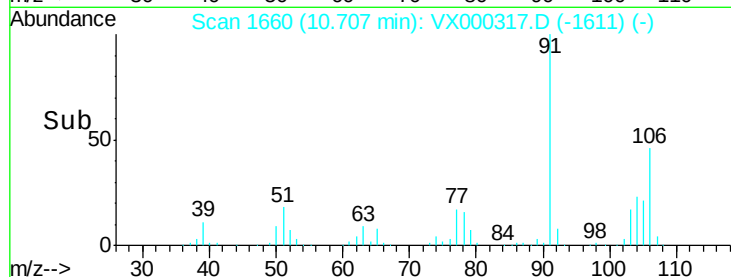
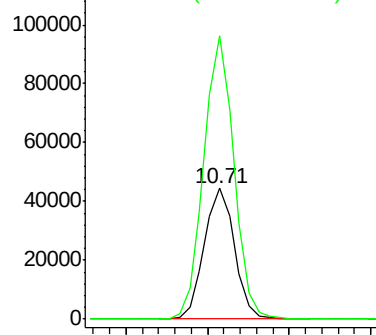
#69
o-Xylene
Concen: 20.18 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 57486
Ion Ratio Lower Upper
106 100
91 216.8 106.5 319.6

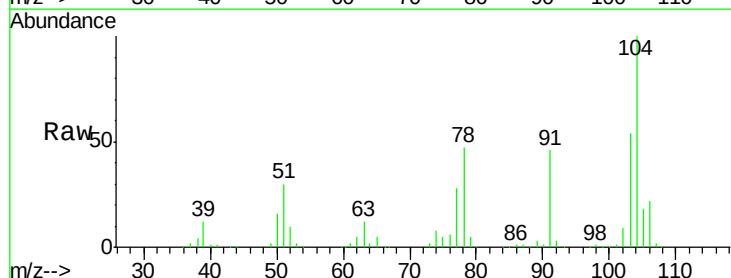


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

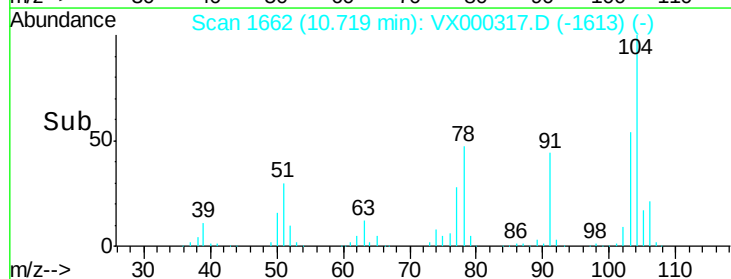
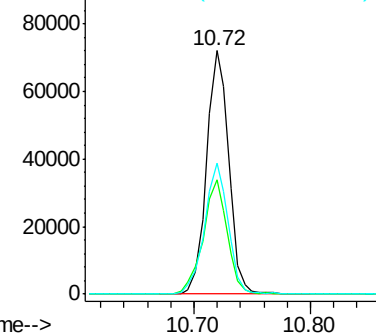


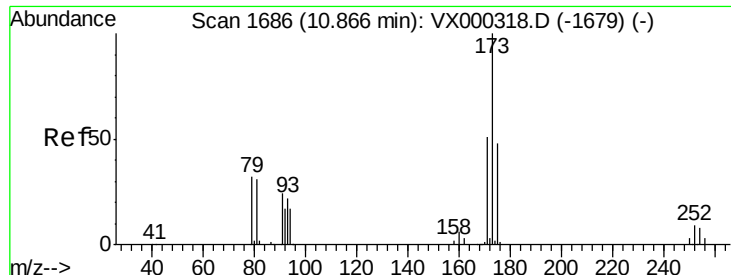
#70
Styrene
Concen: 20.13 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion:104 Resp: 96255
Ion Ratio Lower Upper
104 100
78 50.7 40.5 60.7
103 57.2 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: 14.68 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

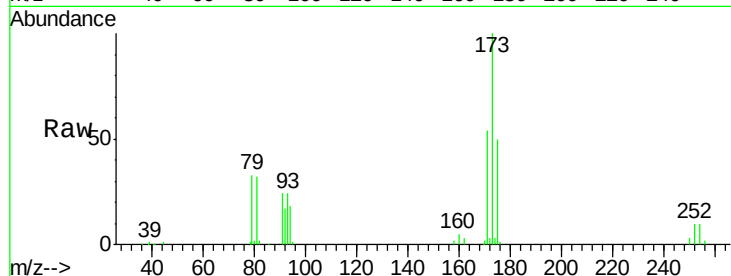
Tgt Ion:173 Resp: 25552

Ion Ratio Lower Upper

173 100

175 47.1 25.4 76.4

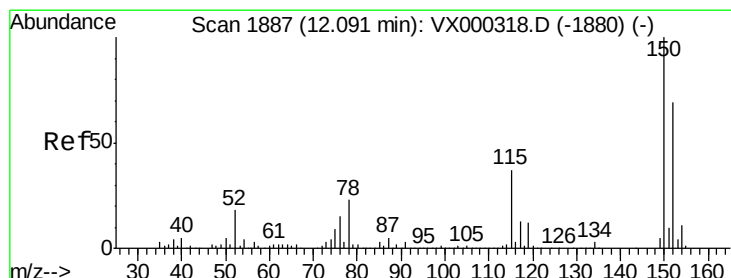
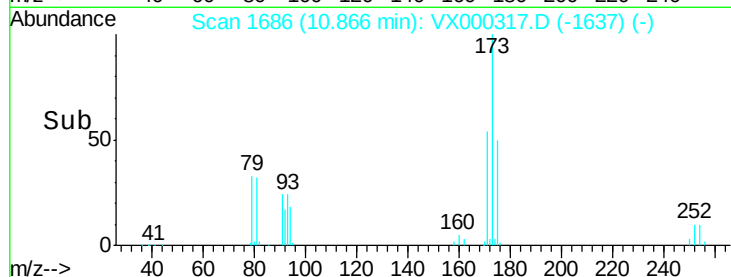
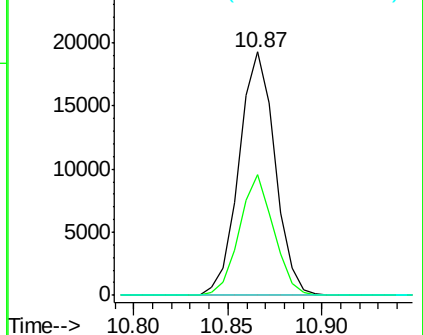
254 0.1 0.0 0.0#



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: VX000317.D

Acq: 14 Mar 2018 16:51

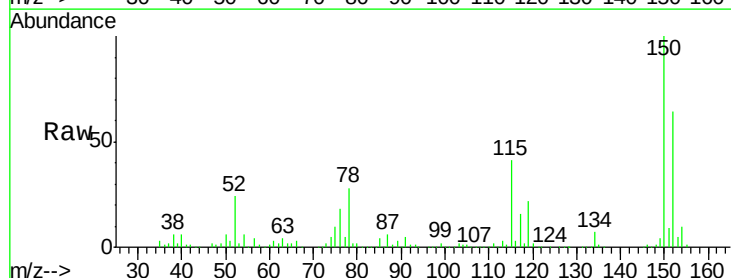
Tgt Ion:152 Resp: 120626

Ion Ratio Lower Upper

152 100

115 69.2 39.8 119.3

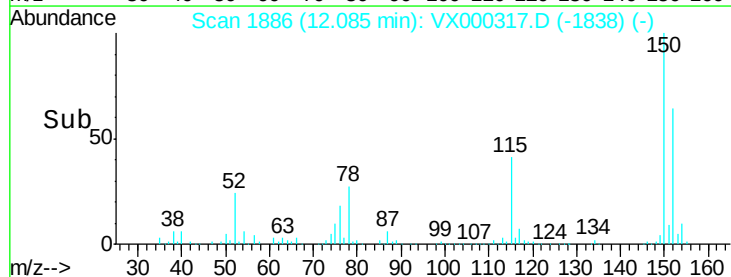
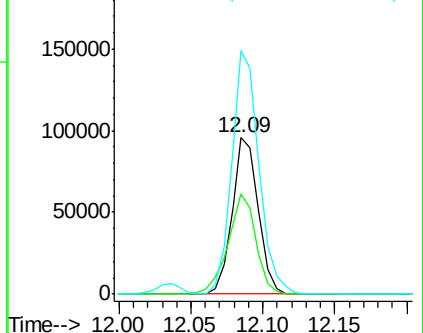
150 163.3 0.0 344.4

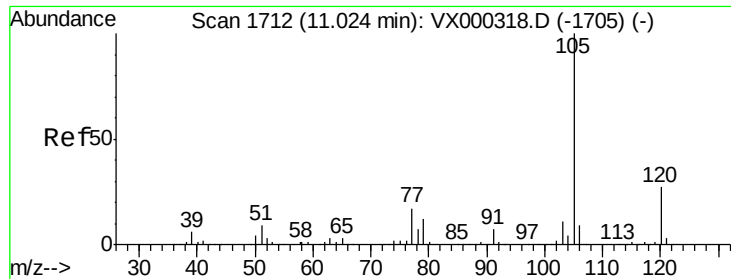


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.13 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampled :

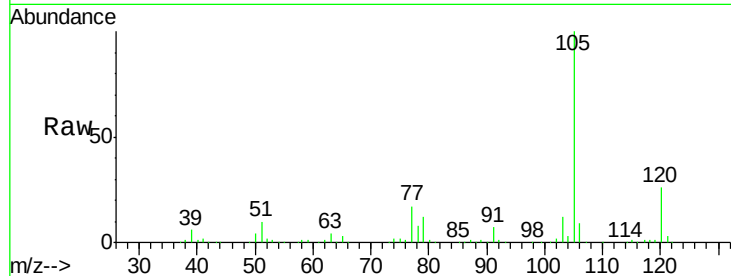
VSTDIC020

Tgt Ion:105 Resp: 160622

Ion Ratio Lower Upper

105 100

120 25.8 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

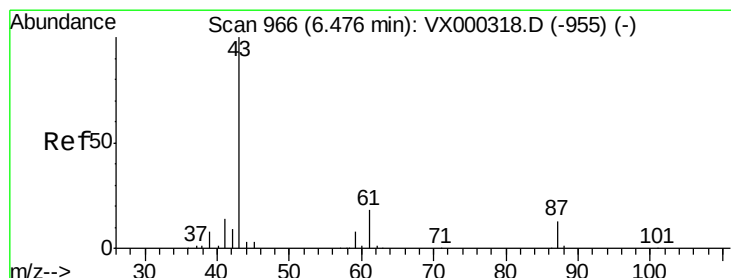
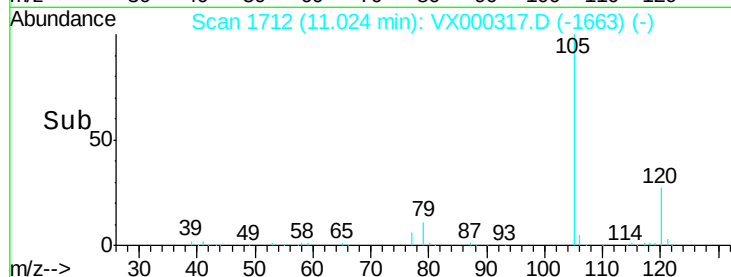
100000

50000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 20.70 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Tgt Ion: 43 Resp: 79334

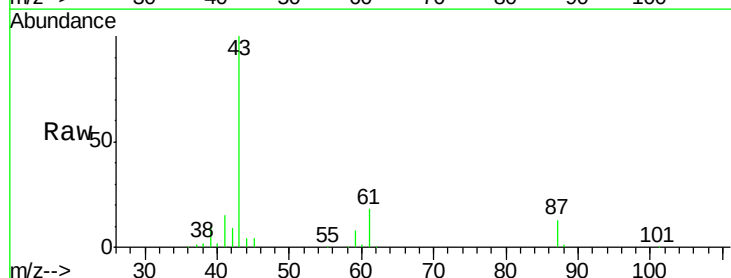
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.0 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.48

40000

30000

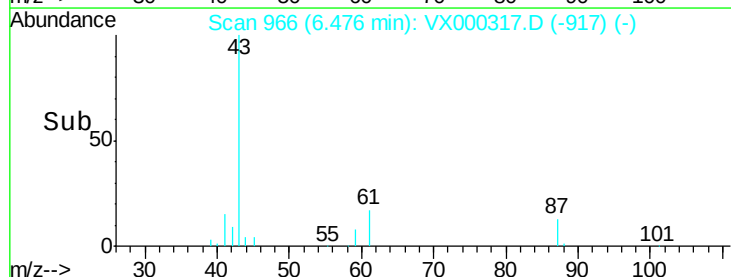
20000

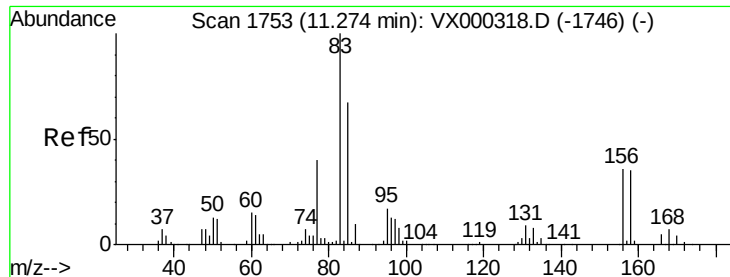
10000

0

Time-->

6.40 6.50 6.60

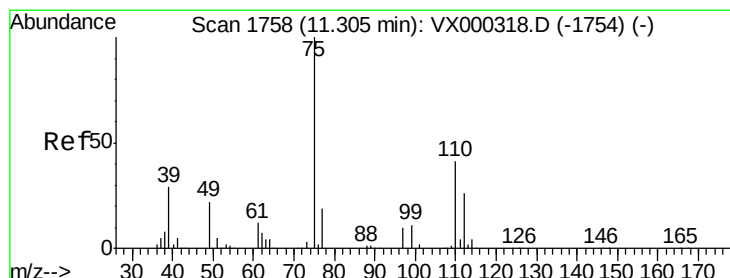
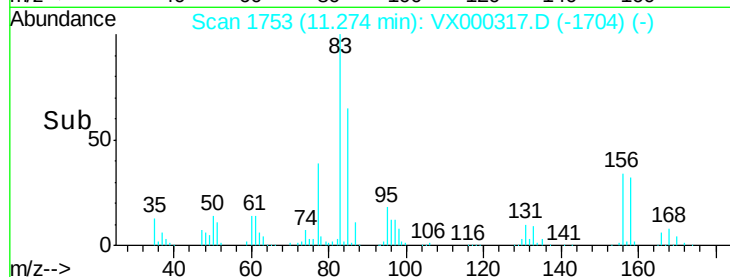
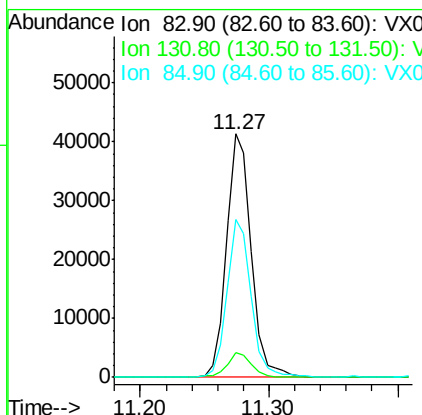
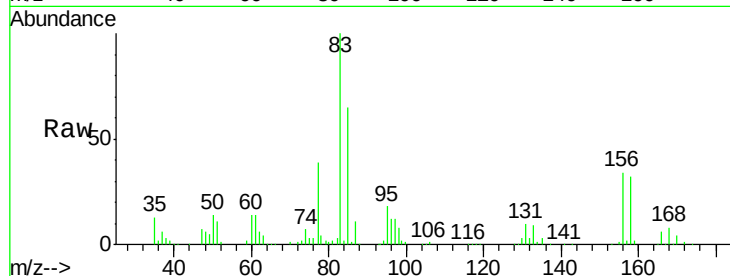




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.74 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

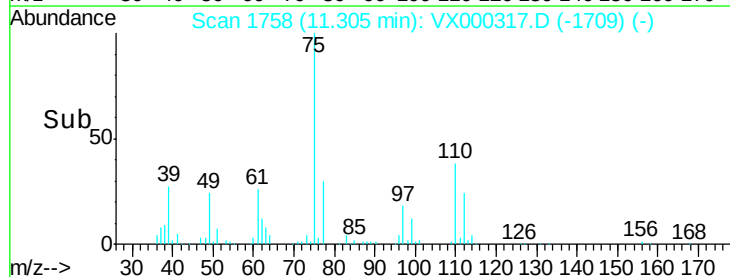
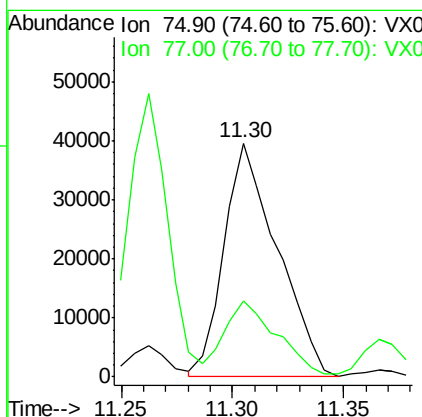
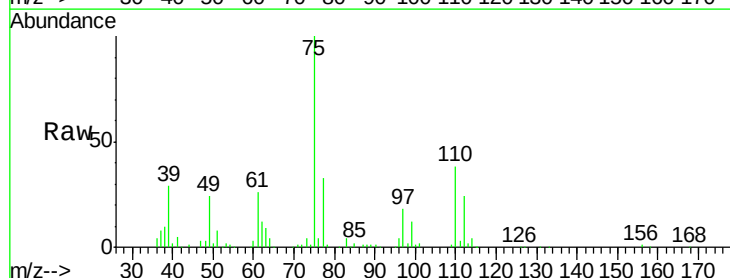
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

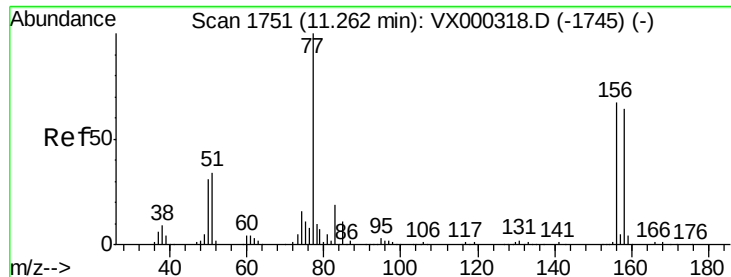
Tgt Ion: 83 Resp: 55545
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 63.7 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 21.31 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion: 75 Resp: 66082
 Ion Ratio Lower Upper
 75 100
 77 32.5 21.4 64.2





#77

Bromobenzene

Concen: 19.12 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

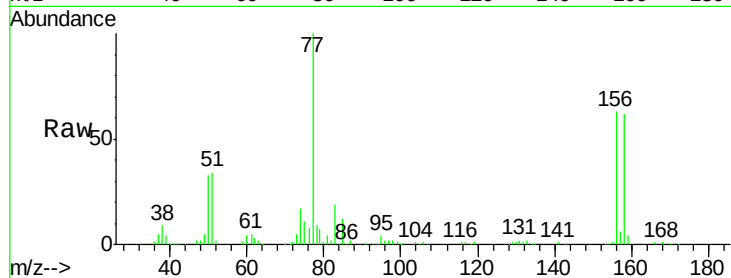
Tgt Ion:156 Resp: 39487

Ion Ratio Lower Upper

156 100

77 152.1 73.4 220.2

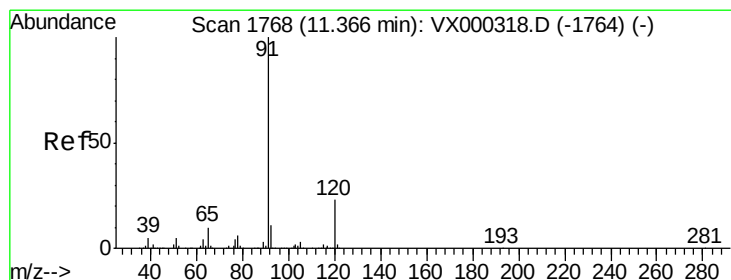
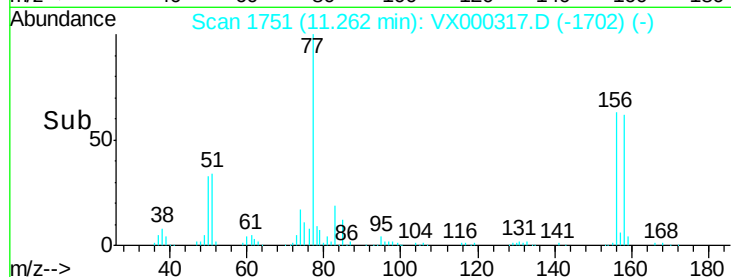
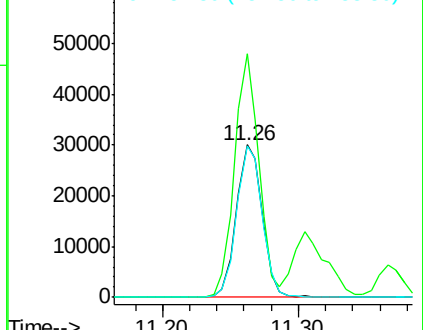
158 98.5 48.5 145.6



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: 22.41 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000317.D

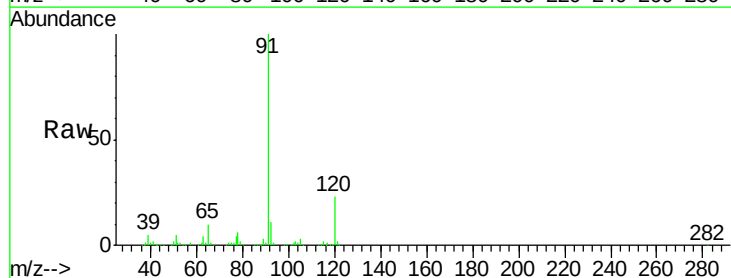
Acq: 14 Mar 2018 16:51

Tgt Ion: 91 Resp: 191467

Ion Ratio Lower Upper

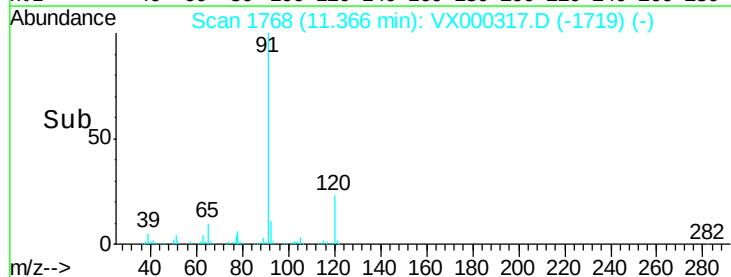
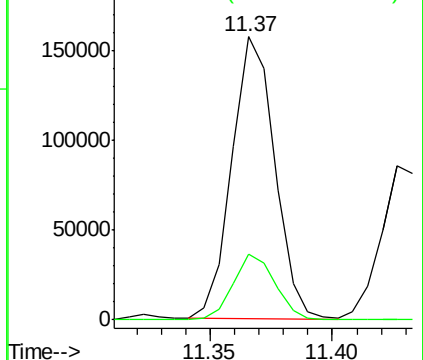
91 100

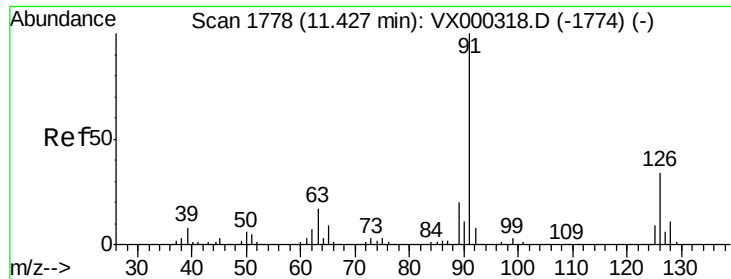
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

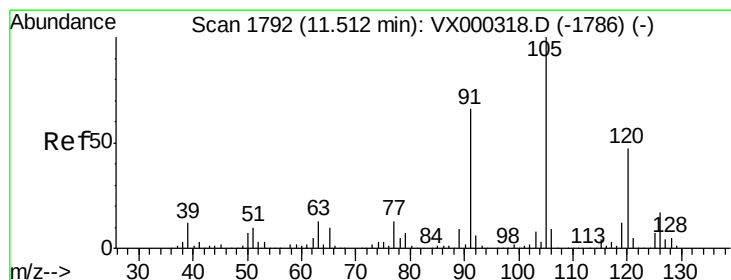
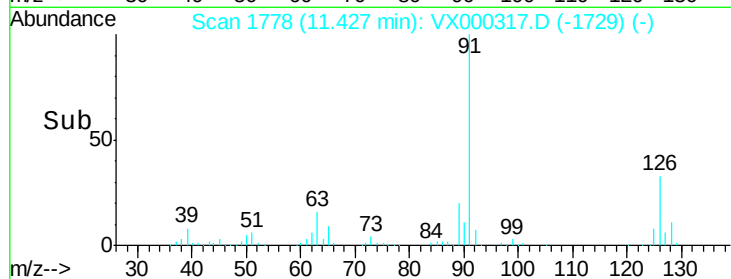
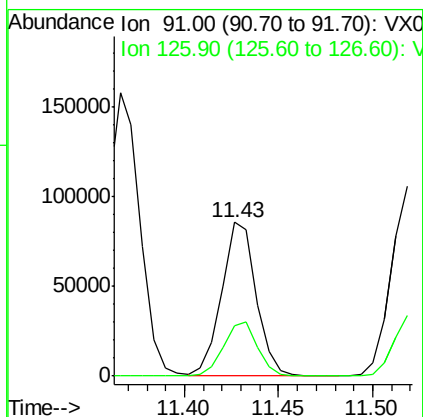
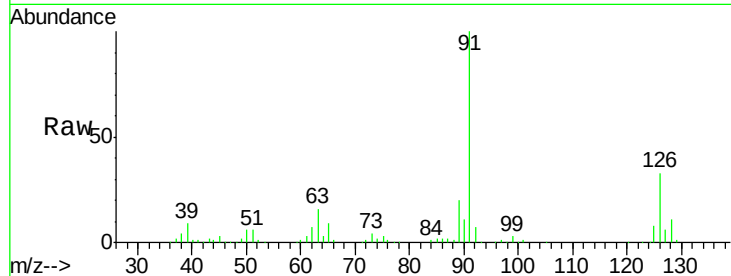




#79
 2-Chlorotoluene
 Concen: 21.81 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

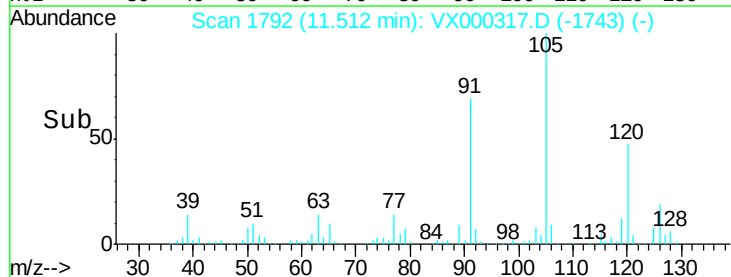
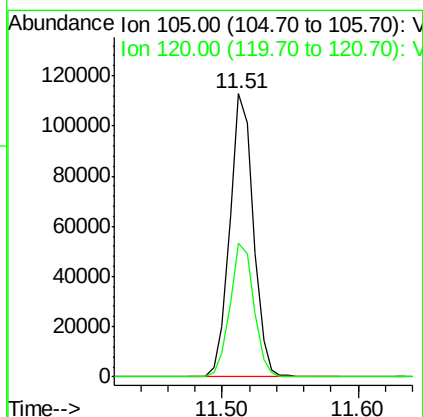
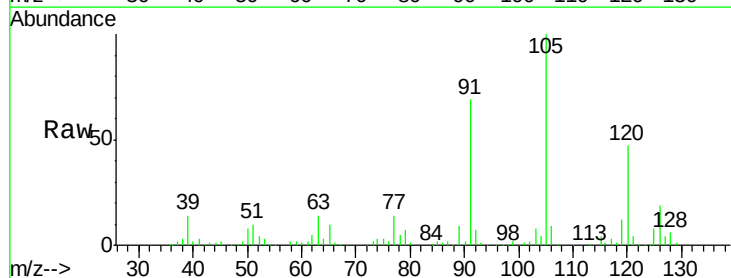
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

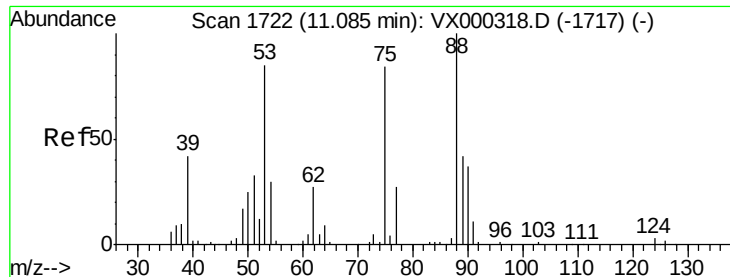
Tgt Ion: 91 Resp: 107281
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.89 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion: 105 Resp: 135749
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.72 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

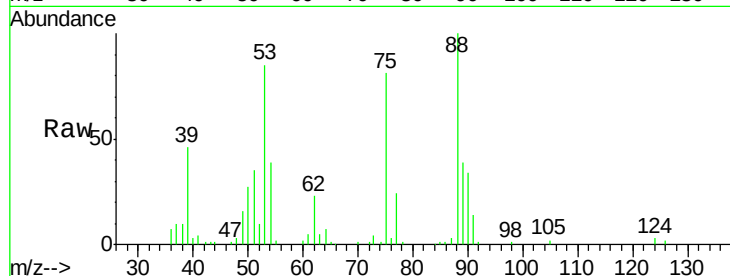
Tgt Ion: 75 Resp: 14951

Ion Ratio Lower Upper

75 100

53 110.6 80.7 121.1

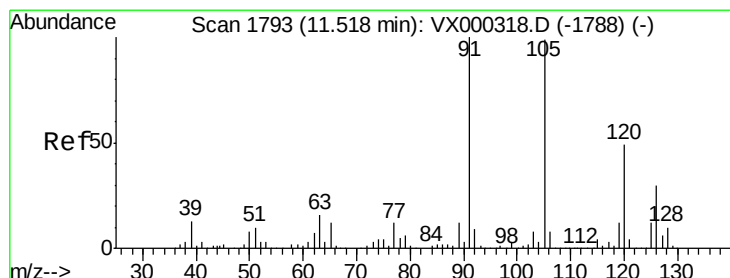
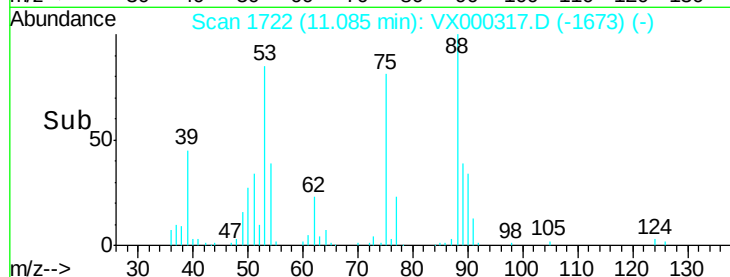
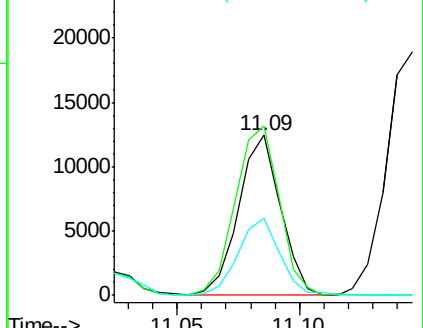
89 47.5 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.87 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000317.D

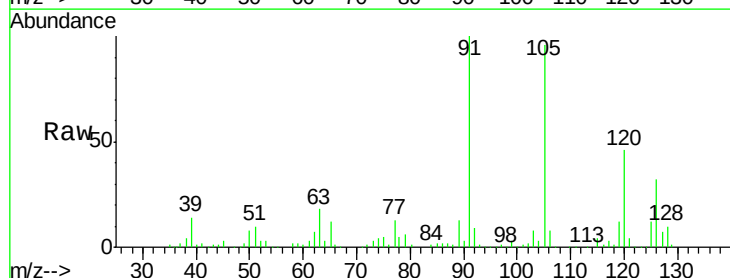
Acq: 14 Mar 2018 16:51

Tgt Ion: 91 Resp: 130425

Ion Ratio Lower Upper

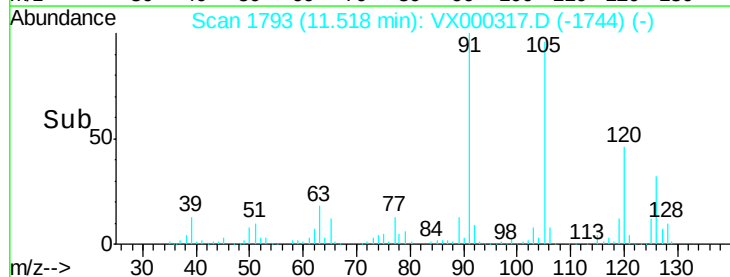
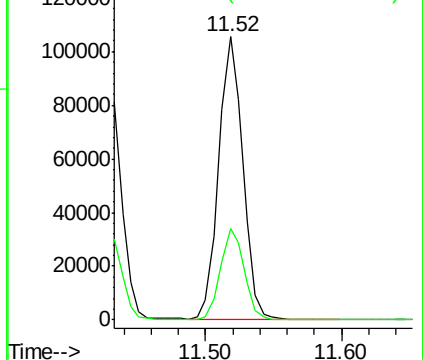
91 100

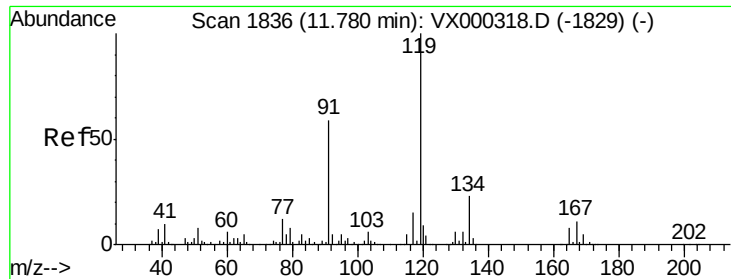
126 31.4 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

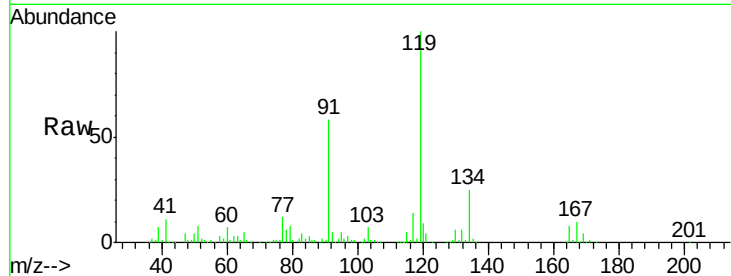




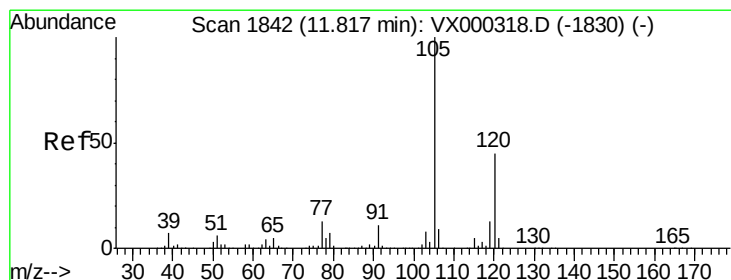
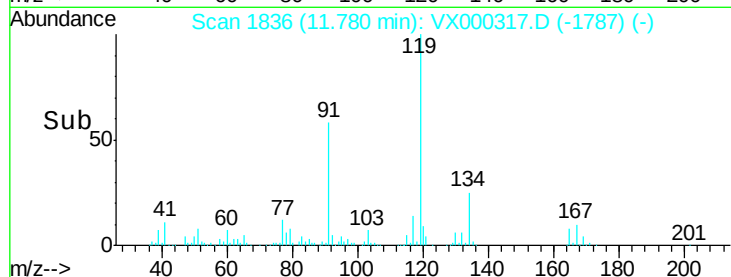
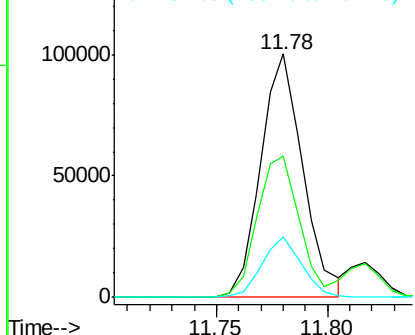
#83
 tert-Butylbenzene
 Concen: 20.86 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:119 Resp: 132084
 Ion Ratio Lower Upper
 119 100
 91 57.9 28.8 86.4
 134 23.4 11.4 34.1

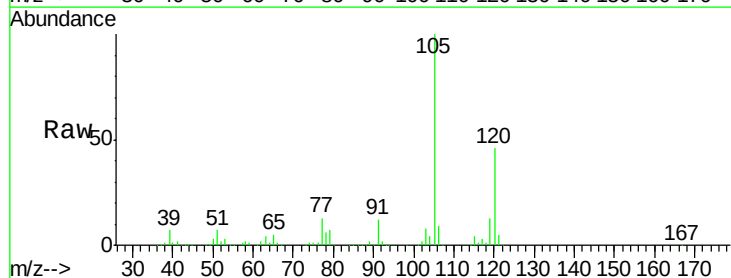


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

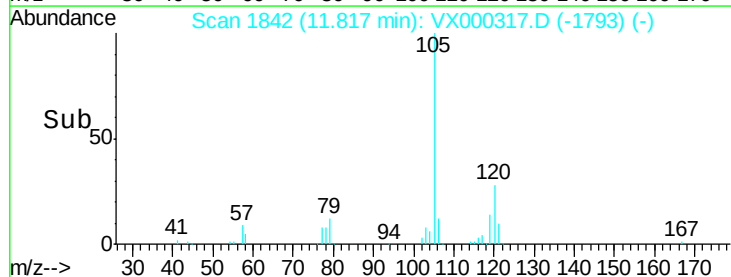
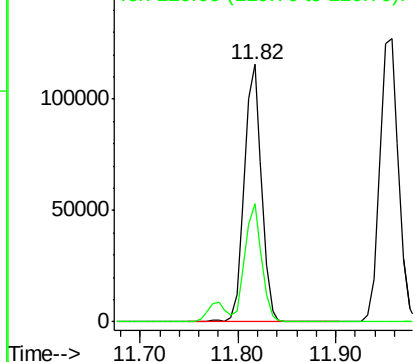


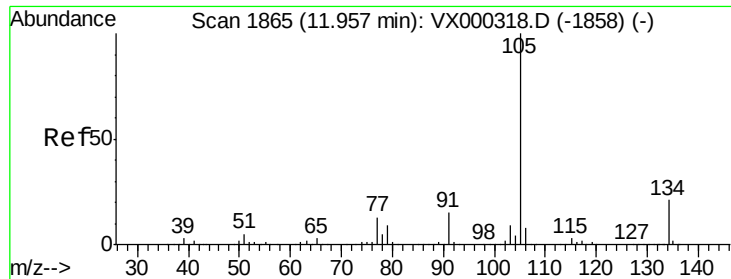
#84
 1,2,4-Trimethylbenzene
 Concen: 21.93 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion:105 Resp: 141420
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

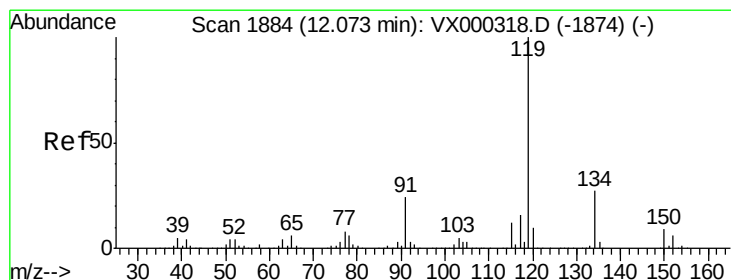
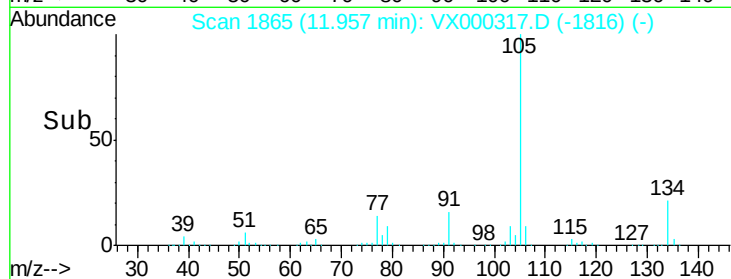
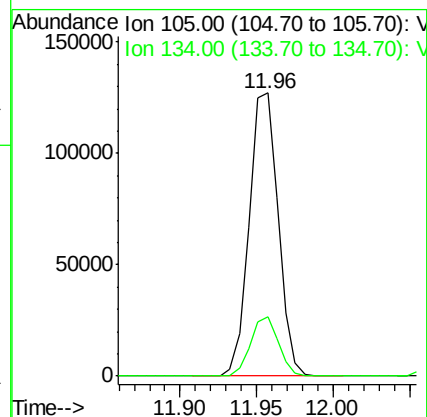
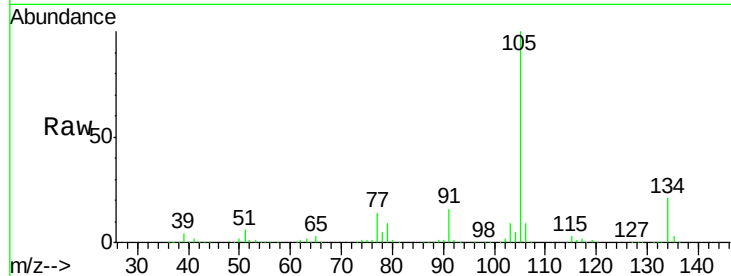




#85
 sec-Butylbenzene
 Concen: 21.84 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

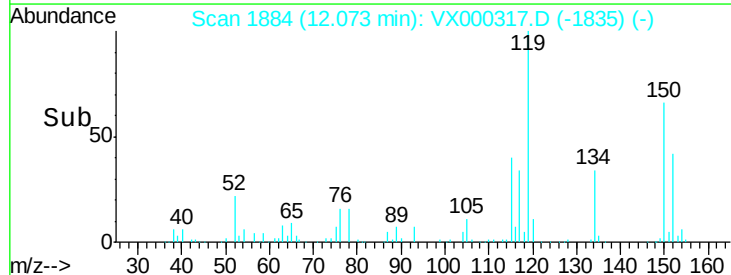
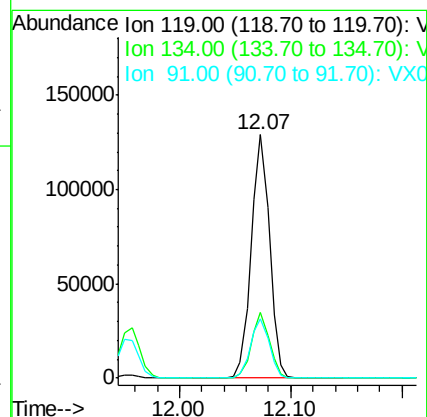
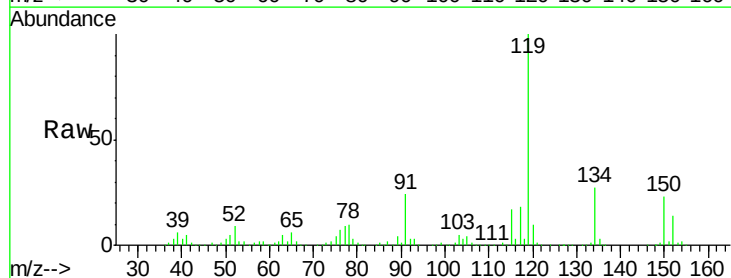
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

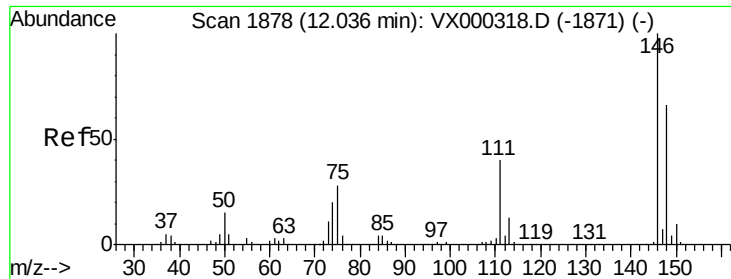
Tgt Ion:105 Resp: 167243
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.71 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion:119 Resp: 147654
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 25.1 12.0 36.1

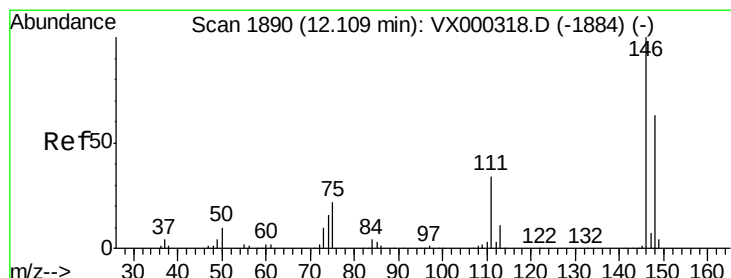
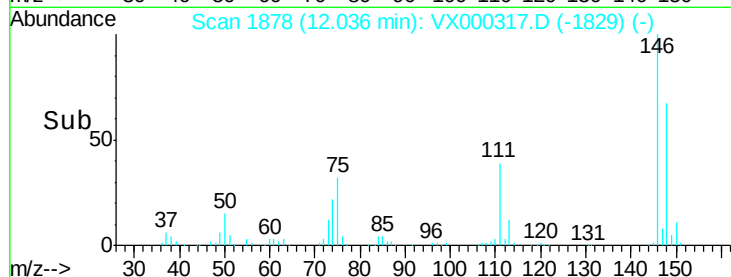
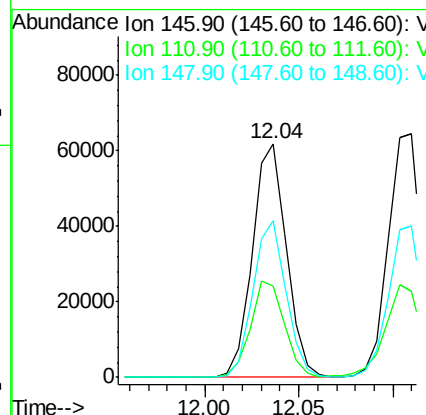
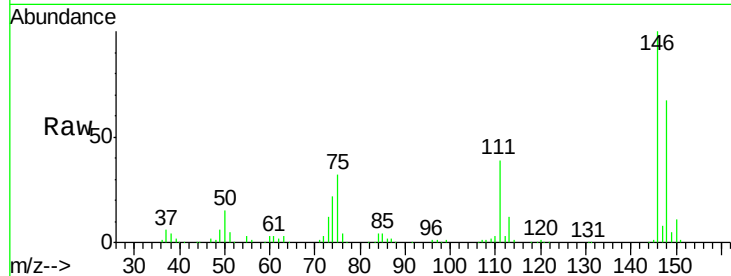




#87
 1,3-Dichlorobenzene
 Concen: 19.46 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

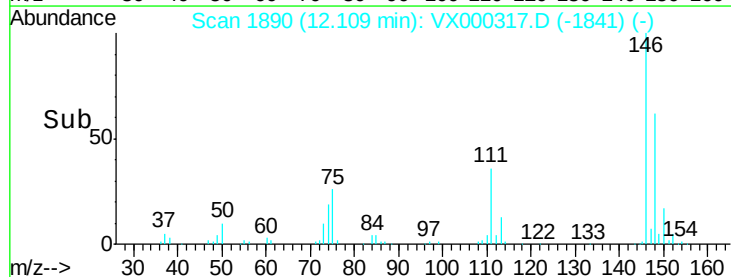
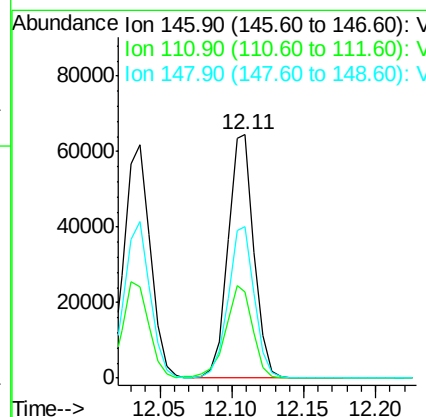
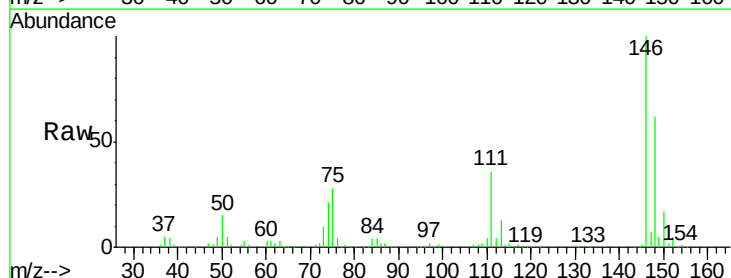
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

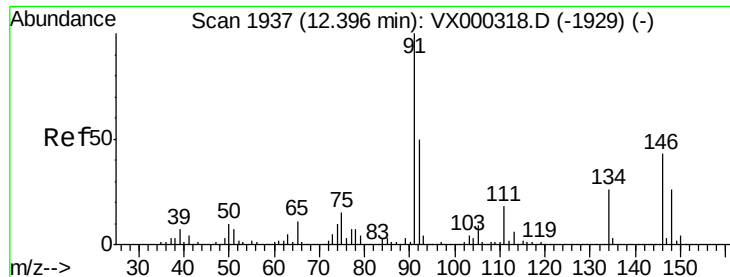
Tgt Ion:146 Resp: 77339
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.5 58.5
 148 65.3 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion:146 Resp: 81976
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.9 56.9
 148 62.8 31.0 93.0





#89

n-Butylbenzene

Concen: 21.79 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000317.D

Acq: 14 Mar 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

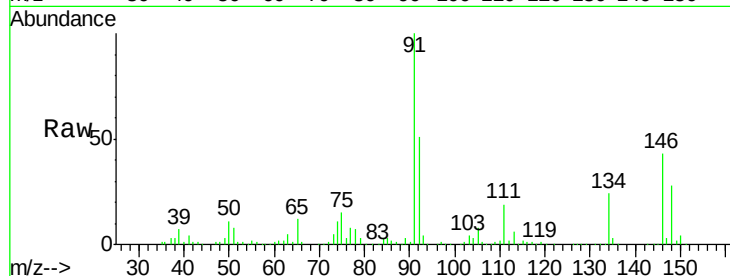
Tgt Ion: 91 Resp: 143722

Ion Ratio Lower Upper

91 100

92 50.9 25.9 77.8

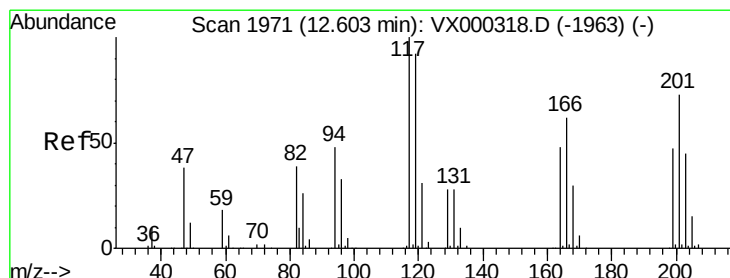
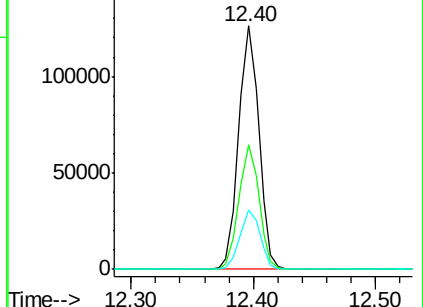
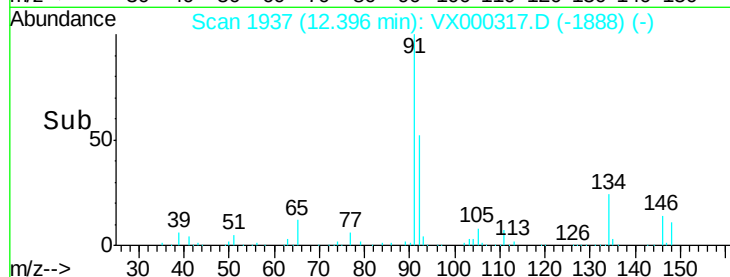
134 24.6 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000317.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000317.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000317.D (-1929) (-)



#90

Hexachloroethane

Concen: 19.74 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000317.D

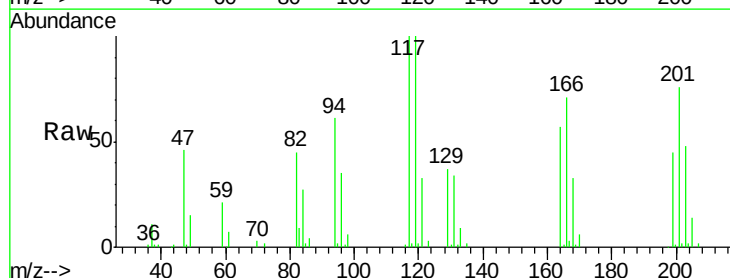
Acq: 14 Mar 2018 16:51

Tgt Ion: 117 Resp: 22615

Ion Ratio Lower Upper

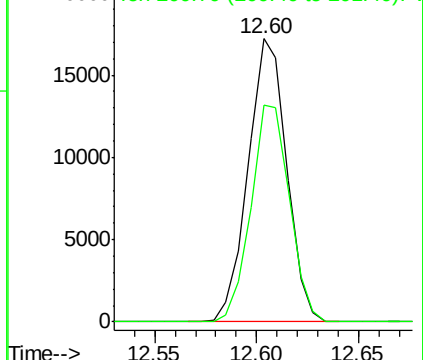
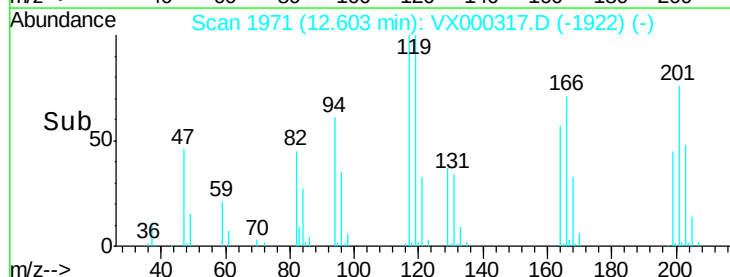
117 100

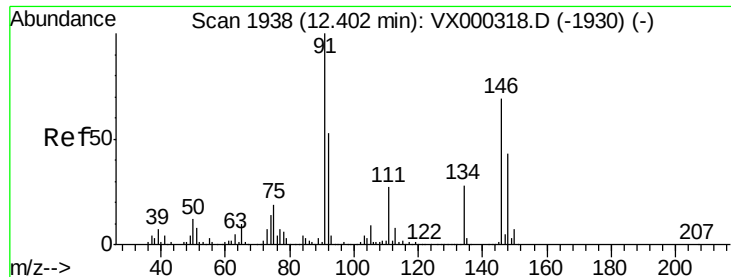
201 76.7 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000317.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX000317.D (-1963) (-)

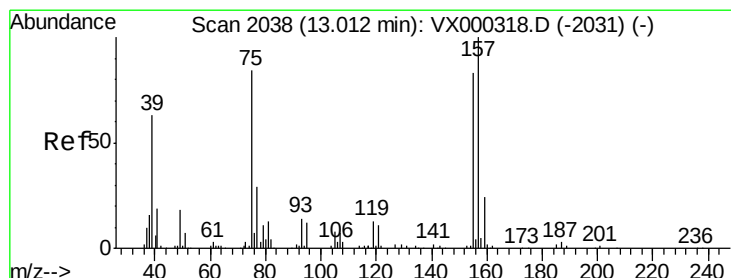
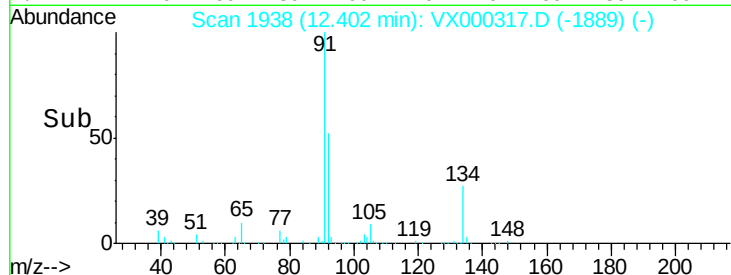
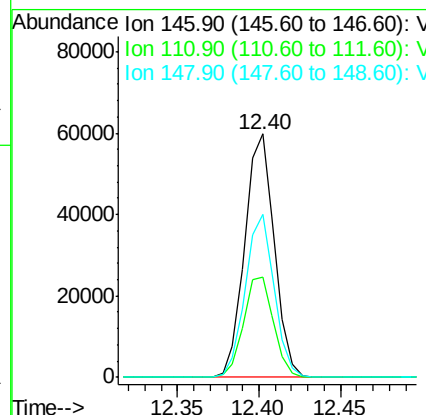
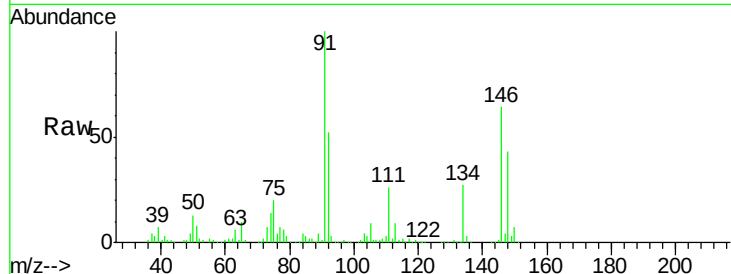




#91
1,2-Dichlorobenzene
Concen: 19.66 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

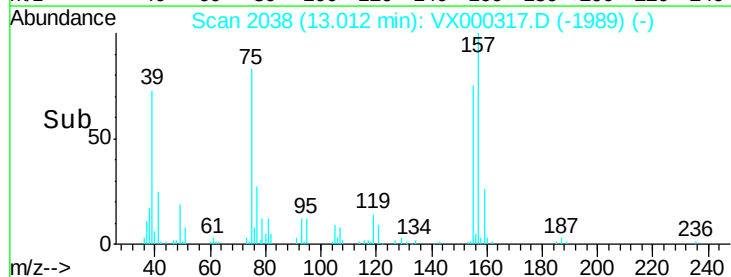
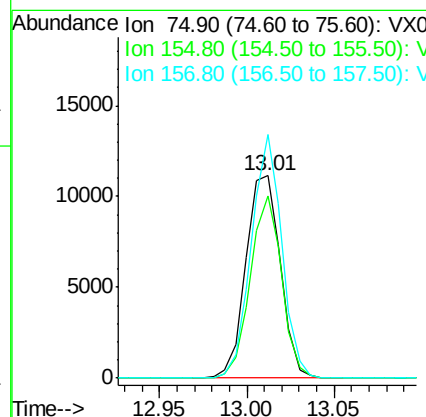
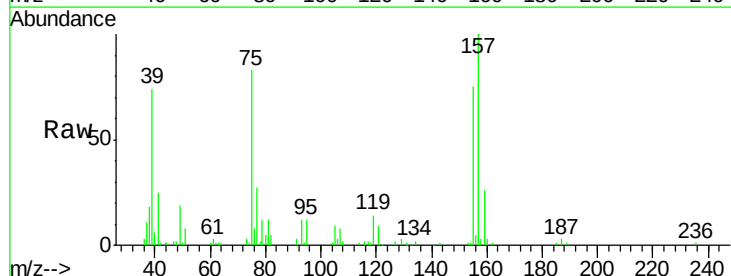
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

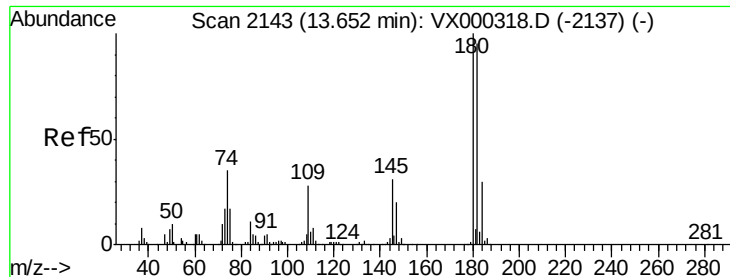
Tgt Ion:146 Resp: 75670
Ion Ratio Lower Upper
146 100
111 41.8 20.1 60.2
148 65.8 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.41 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion: 75 Resp: 15285
Ion Ratio Lower Upper
75 100
155 81.4 45.0 134.8
157 105.5 58.1 174.2

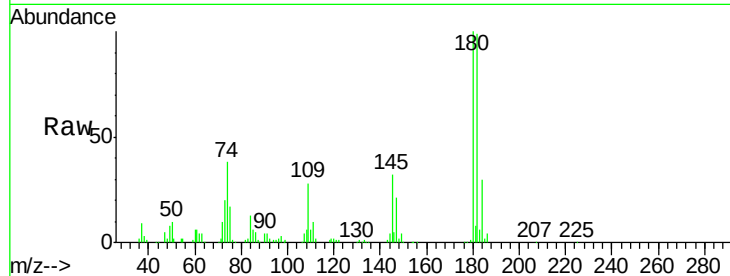




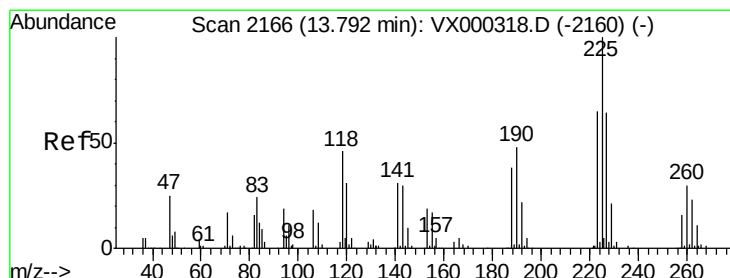
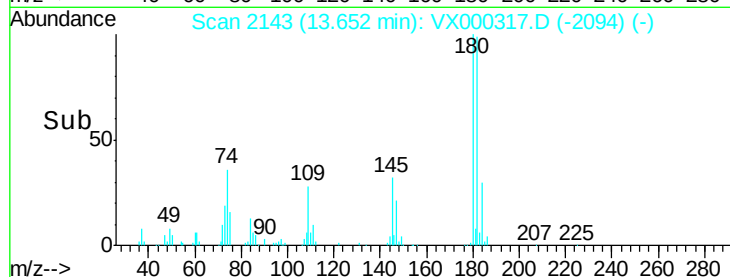
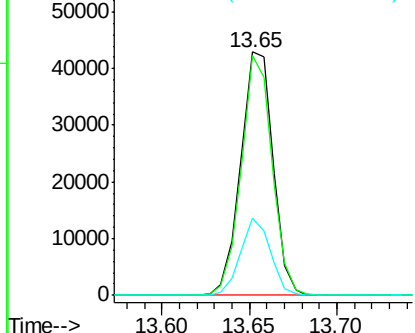
#93
 1,2,4-Trichlorobenzene
 Concen: 16.59 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 55092
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.6 142.9
 145 29.5 15.1 45.3

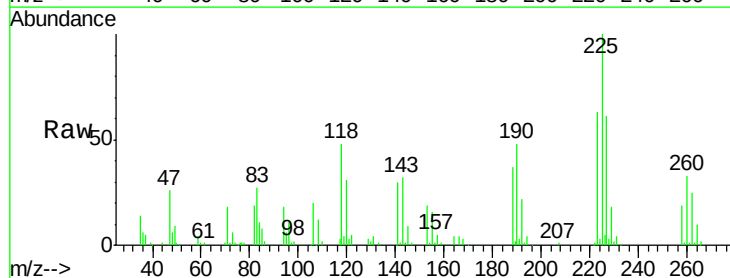


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

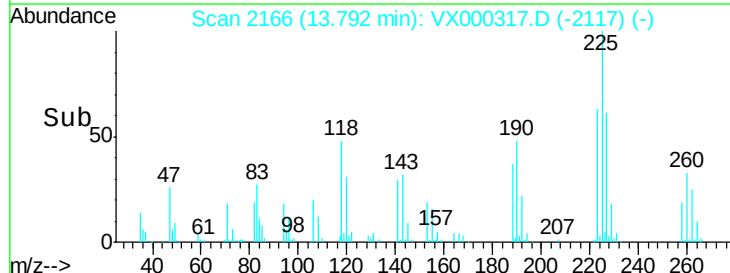
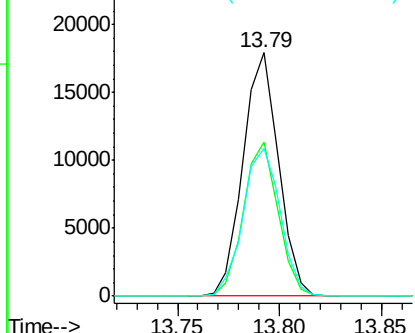


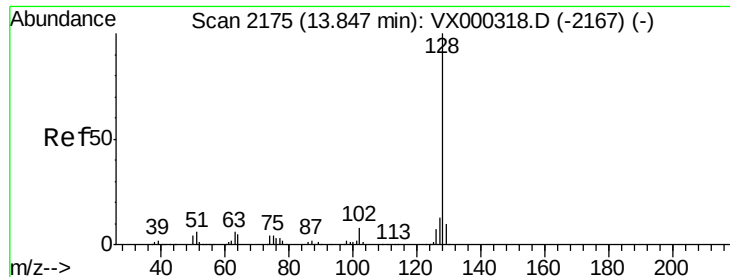
#94
 Hexachlorobutadiene
 Concen: 12.32 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000317.D
 Acq: 14 Mar 2018 16:51

Tgt Ion:225 Resp: 21674
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.0 96.0
 227 63.9 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

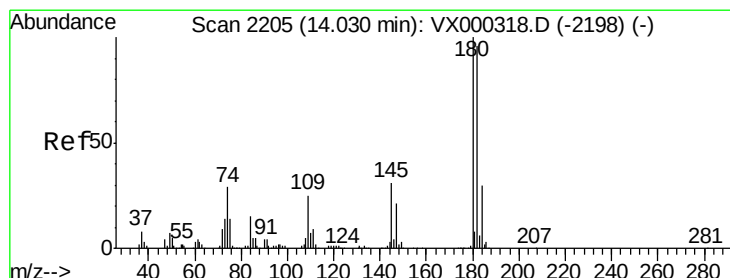
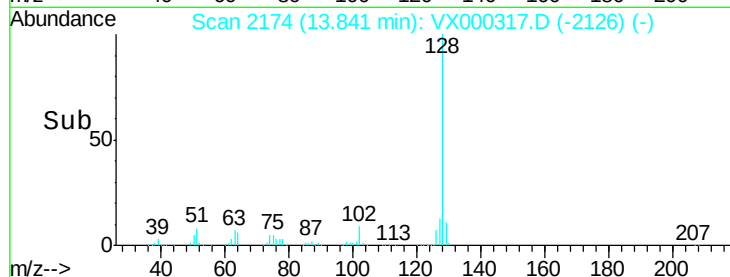
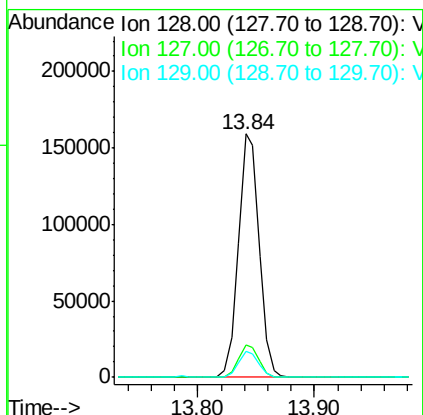
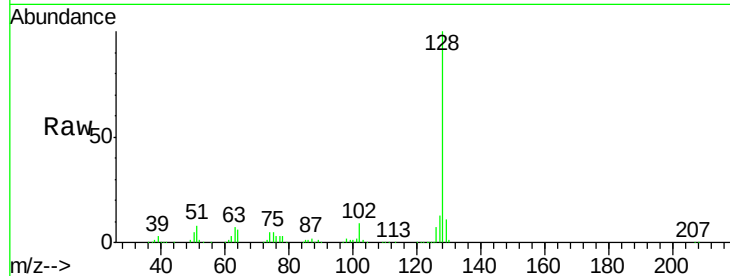




#95
Naphthalene
Concen: 20.25 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 197397
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.40 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000317.D
Acq: 14 Mar 2018 16:51

Tgt Ion:180 Resp: 56088
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 31.1 15.8 47.3

