

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003240.D
 Acq On : 09 Jul 2018 11:49
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 09 15:00:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	316972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194258	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	22388	6.37	ug/l	0.00
Spiked Amount			Recovery	=	12.74%	
35) Dibromofluoromethane	5.50	113	19434	7.74	ug/l	0.00
Spiked Amount			Recovery	=	15.48%	
50) Toluene-d8	8.72	98	60963	6.65	ug/l	0.00
Spiked Amount			Recovery	=	13.30%	
62) 4-Bromofluorobenzene	11.14	95	20860	5.90	ug/l	0.00
Spiked Amount			Recovery	=	11.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	15943	6.32	ug/l	94
3) Chloromethane	1.32	50	17616	6.65	ug/l	95
4) Vinyl Chloride	1.40	62	17232	6.00	ug/l	99
5) Bromomethane	1.64	94	6615	3.73	ug/l	99
6) Chloroethane	1.72	64	10337	5.41	ug/l	100
7) Trichlorofluoromethane	1.92	101	25355	5.23	ug/l	97
8) Diethyl Ether	2.19	74	9460	5.37	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	15153	5.40	ug/l	95
10) Methyl Iodide	2.51	142	11397	4.35	ug/l	95
11) Tert butyl alcohol	3.08	59	18246	26.08	ug/l	95
12) 1,1-Dichloroethene	2.37	96	13507	5.39	ug/l	92
13) Acrolein	2.29	56	16204	39.01	ug/l	99
14) Allyl chloride	2.73	41	24783	5.02	ug/l	94
15) Acrylonitrile	3.15	53	40221	26.91	ug/l	98
16) Acetone	2.45	43	34878	23.98	ug/l	95
17) Carbon Disulfide	2.56	76	36865	5.52	ug/l	99
18) Methyl Acetate	2.78	43	18166	4.47	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	47330	5.25	ug/l	97
20) Methylene Chloride	2.86	84	15521	5.48	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	14749	5.40	ug/l	94
22) Diisopropyl ether	3.88	45	52219	5.53	ug/l	95
23) Vinyl Acetate	3.83	43	224739	28.11	ug/l	96
24) 1,1-Dichloroethane	3.70	63	27566	5.37	ug/l	98
25) 2-Butanone	4.71	43	61927	28.69	ug/l	94
26) 2,2-Dichloropropane	4.58	77	23582	5.65	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	18212	5.95	ug/l	67
28) Bromochloromethane	5.02	49	13980	5.69	ug/l	89
29) Tetrahydrofuran	5.17	42	40677	29.39	ug/l	97
30) Chloroform	5.22	83	29920	5.68	ug/l	93
31) Cyclohexane	5.57	56	24279	5.51	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	25730	5.55	ug/l	98
36) 1,1-Dichloropropene	5.81	75	21280	6.12	ug/l	96
37) Ethyl Acetate	4.86	43	23388	6.25	ug/l #	92
38) Carbon Tetrachloride	5.78	117	23128	6.06	ug/l	97

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 09 15:00:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24312	6.00	ug/l	97
40) Benzene	6.15	78	64779	6.41	ug/l	99
41) Methacrylonitrile	5.07	41	13260	6.15	ug/l	94
42) 1,2-Dichloroethane	6.20	62	24644	6.04	ug/l	96
43) Isopropyl Acetate	6.47	43	36401	5.80	ug/l	96
44) Trichloroethene	7.21	130	19256	6.39	ug/l	93
45) 1,2-Dichloropropane	7.52	63	16773	6.26	ug/l	99
46) Dibromomethane	7.67	93	11523	6.20	ug/l	94
47) Bromodichloromethane	7.90	83	20393	5.93	ug/l	98
48) Methyl methacrylate	7.78	41	18043	5.58	ug/l	95
49) 1,4-Dioxane	7.76	88	8416	133.75	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	116493	29.66	ug/l	99
52) Toluene	8.79	92	40735	6.30	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	23200	5.96	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	20003	5.34	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	17051	6.41	ug/l	98
56) Ethyl methacrylate	9.18	69	21591	5.56	ug/l	93
57) 1,3-Dichloropropane	9.38	76	27813	6.37	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	55169	29.43	ug/l	98
59) 2-Hexanone	9.50	43	86700	29.05	ug/l	97
60) Dibromochloromethane	9.59	129	16132	5.76	ug/l	100
61) 1,2-Dibromoethane	9.68	107	17939	6.43	ug/l	99
64) Tetrachloroethene	9.34	164	22157	6.98	ug/l	97
65) Chlorobenzene	10.14	112	46602	6.43	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	16781	6.37	ug/l	99
67) Ethyl Benzene	10.26	91	74441	6.22	ug/l	99
68) m/p-Xylenes	10.36	106	57789	12.52	ug/l	97
69) o-Xylene	10.70	106	27786	6.18	ug/l	96
70) Styrene	10.71	104	43776	6.00	ug/l	98
71) Bromoform	10.86	173	12167	5.88	ug/l #	99
73) Isopropylbenzene	11.02	105	74811	5.72	ug/l	99
74) N-amyl acetate	6.47	43	36401	5.69	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	24845	6.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	26781	7.61	ug/l	78
77) Bromobenzene	11.26	156	22195	5.96	ug/l	97
78) n-propylbenzene	11.37	91	83203	5.59	ug/l	99
79) 2-Chlorotoluene	11.42	91	52974	5.88	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	62235	5.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	5407	5.21	ug/l	92
82) 4-Chlorotoluene	11.51	91	60114	5.64	ug/l	97
83) tert-Butylbenzene	11.77	119	61107	5.63	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	63427	5.56	ug/l	97
85) sec-Butylbenzene	11.95	105	72285	5.49	ug/l	98
86) p-Isopropyltoluene	12.07	119	65325	5.52	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	39717	5.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	40899	5.85	ug/l	96
89) n-Butylbenzene	12.39	91	51601	5.01	ug/l	100
90) Hexachloroethane	12.60	117	9272	5.27	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	40889	5.96	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4641	5.13	ug/l	89

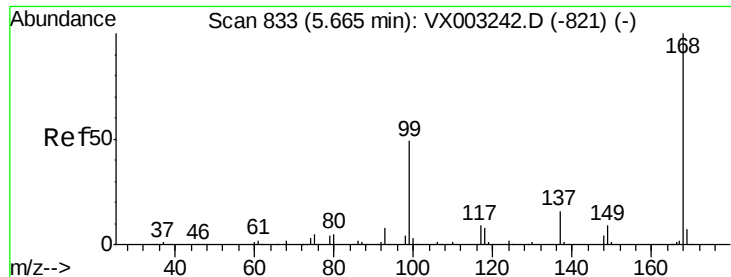
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
Data File : VX003240.D
Acq On : 09 Jul 2018 11:49
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 09 15:00:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 14:57:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	26528	5.31	ug/l	97
94) Hexachlorobutadiene	13.79	225	13794	5.54	ug/l	97
95) Naphthalene	13.83	128	70763	5.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	28486	5.71	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

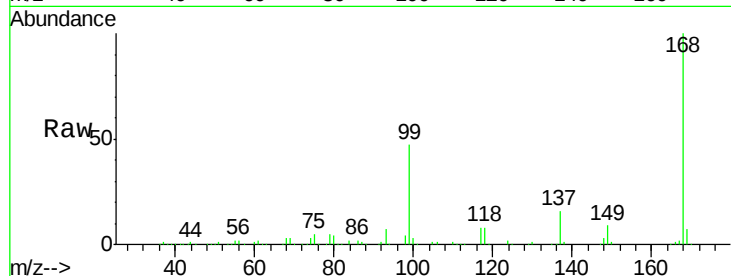
VSTDIC005

Tot Ion:168 Resp: 254091

Ion Ratio Lower Upper

168 100

99 46.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

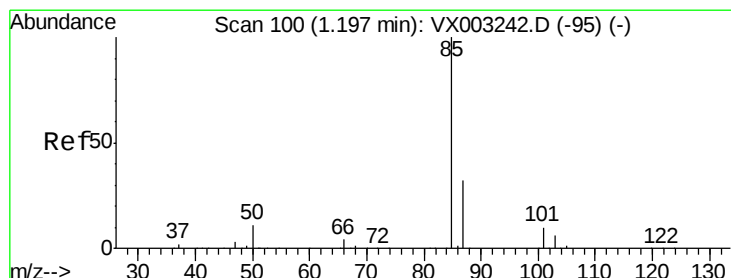
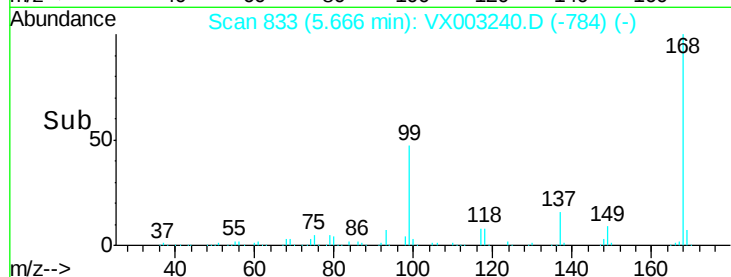
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 6.32 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003240.D

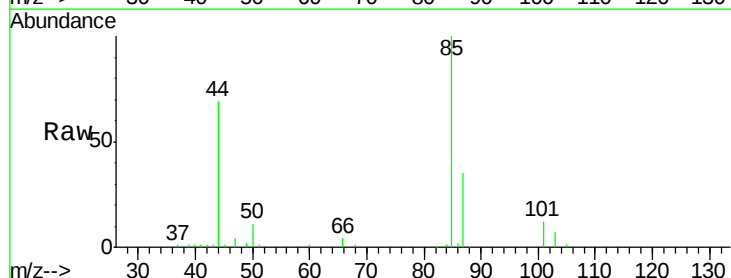
Acq: 09 Jul 2018 11:49

Tgt Ion: 85 Resp: 15943

Ion Ratio Lower Upper

85 100

87 35.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

15000

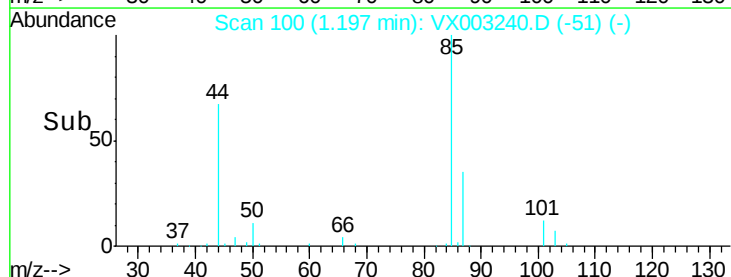
10000

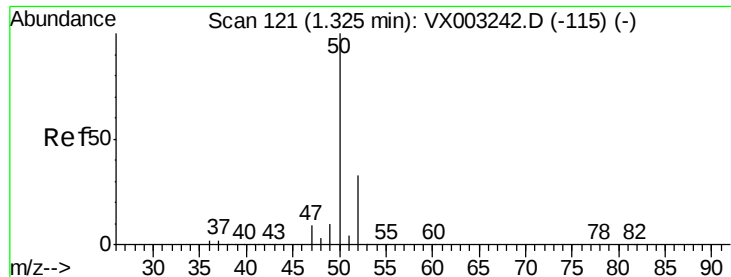
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 6.65 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

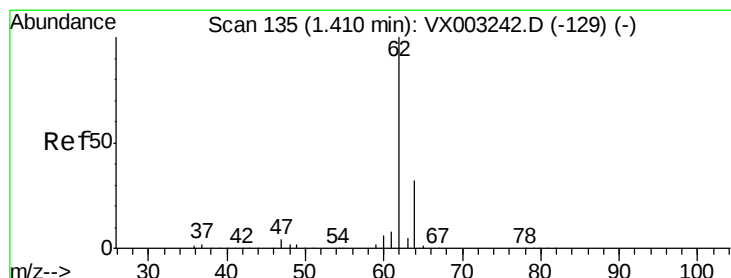
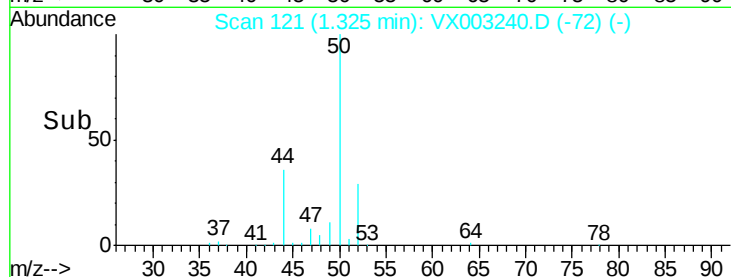
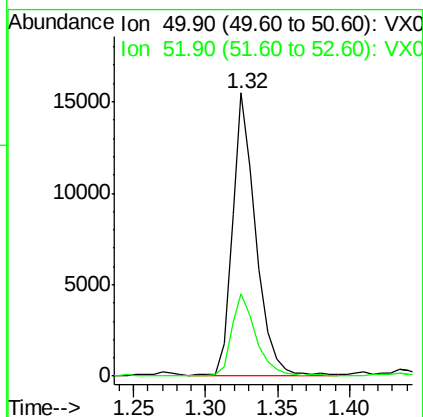
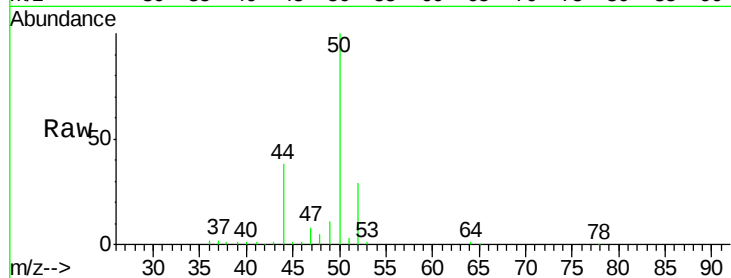
VSTDIC005

Tot Ion: 50 Resp: 17616

Ion Ratio Lower Upper

50 100

52 29.2 25.7 38.5



#4

Vinyl Chloride

Concen: 6.00 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003240.D

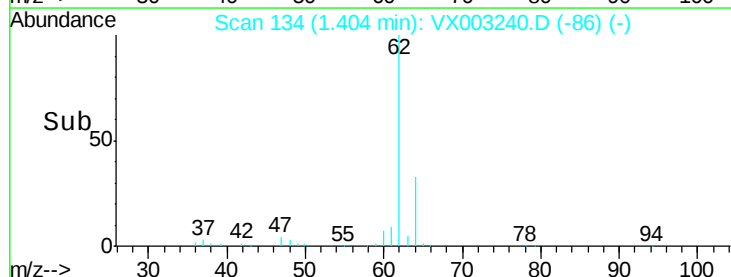
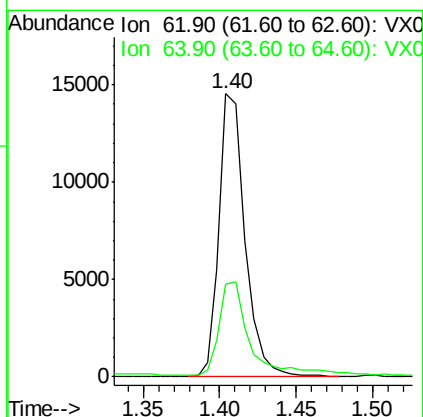
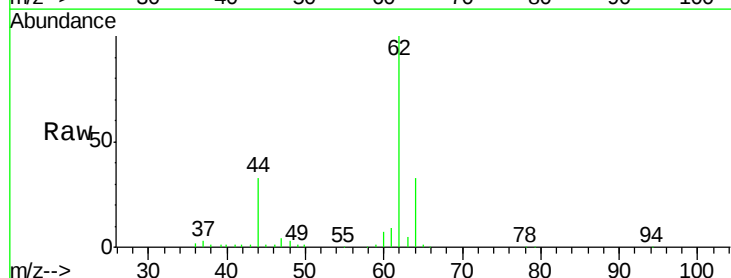
Acq: 09 Jul 2018 11:49

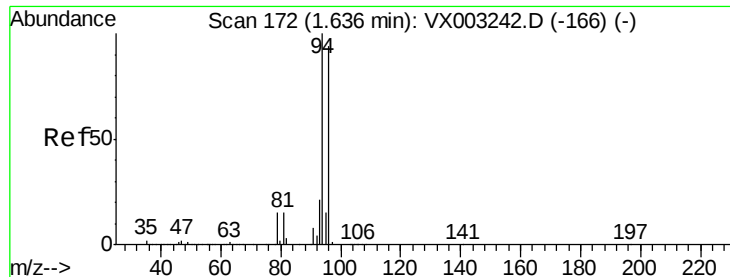
Tgt Ion: 62 Resp: 17232

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 3.73 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

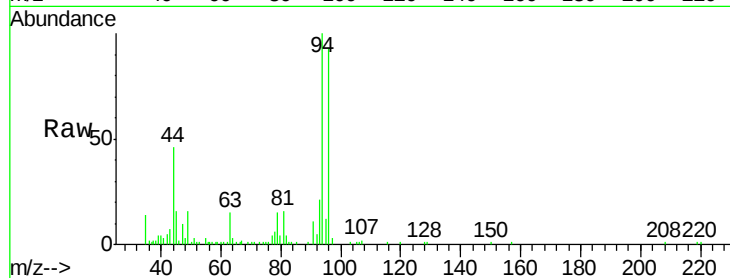
VSTDIC005

Tot Ion: 94 Resp: 6615

Ion Ratio Lower Upper

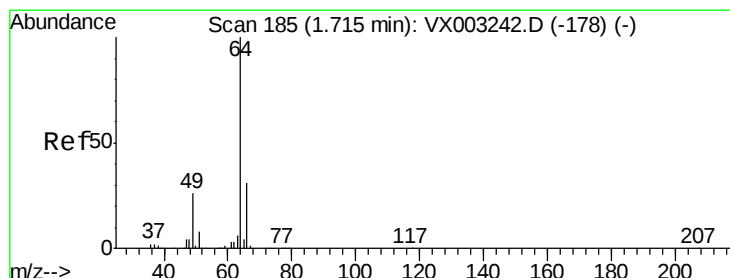
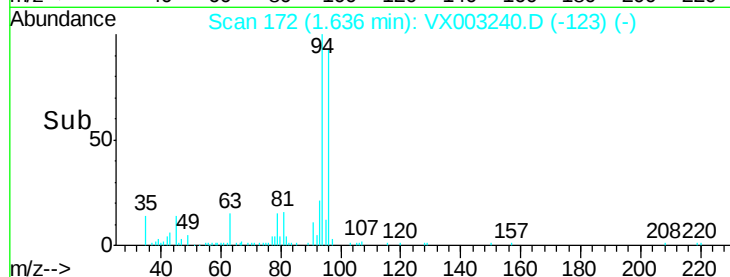
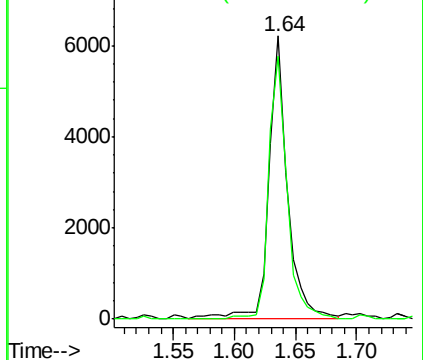
94 100

96 93.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.41 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003240.D

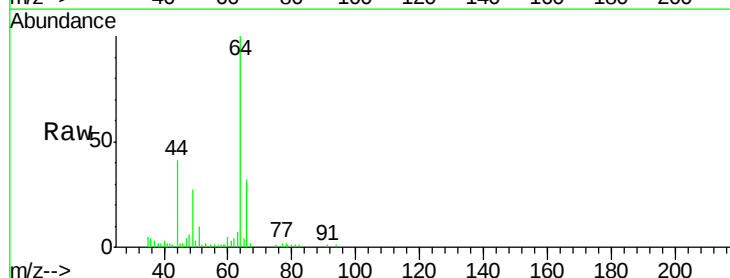
Acq: 09 Jul 2018 11:49

Tgt Ion: 64 Resp: 10337

Ion Ratio Lower Upper

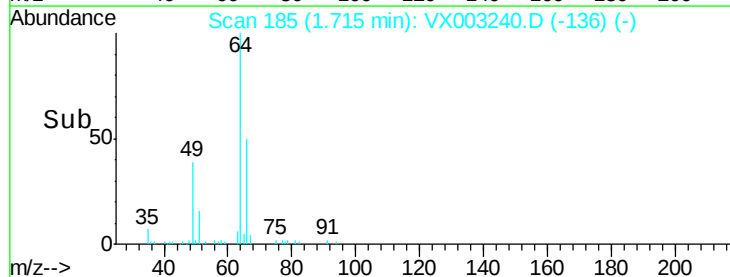
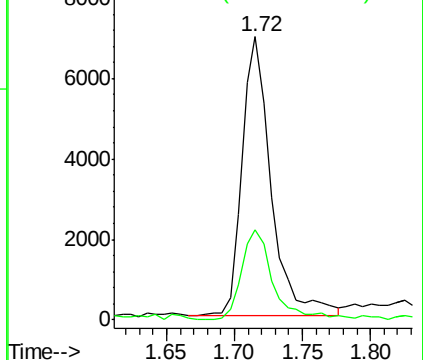
64 100

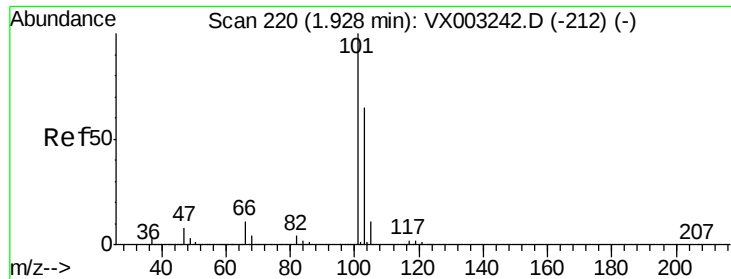
66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 5.23 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

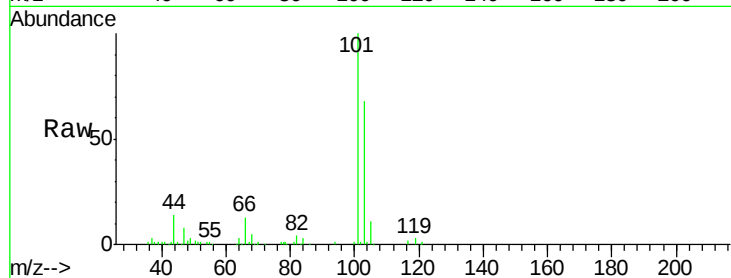
VSTDIC005

Tot Ion:101 Resp: 25355

Ion Ratio Lower Upper

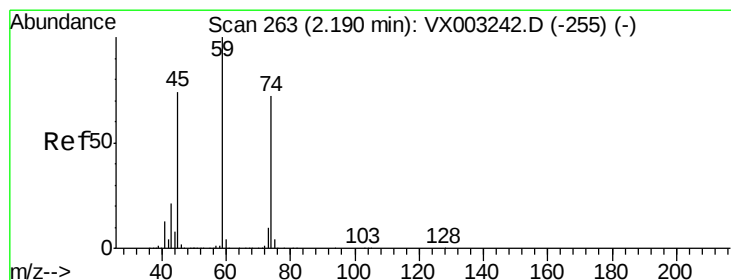
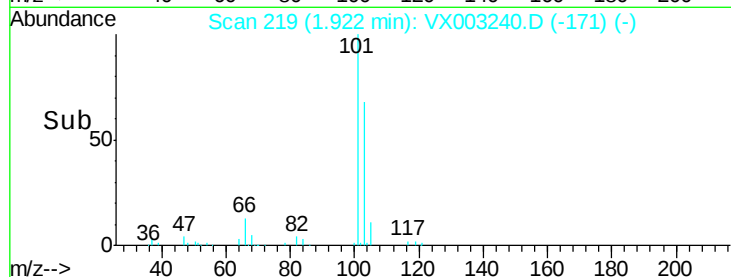
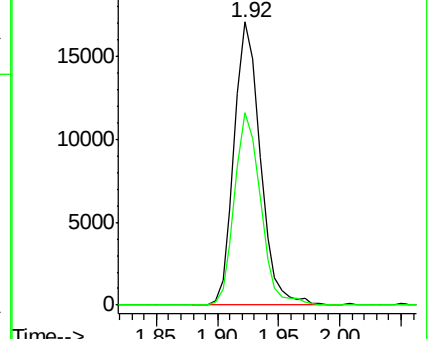
101 100

103 68.1 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.37 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003240.D

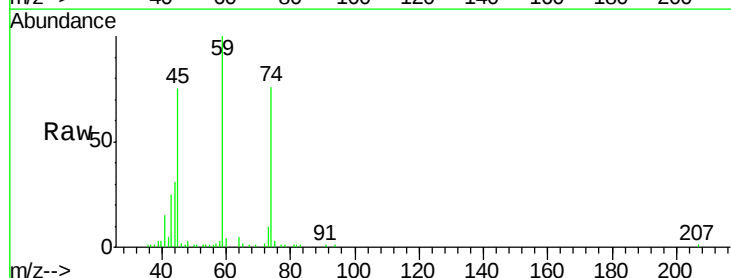
Acq: 09 Jul 2018 11:49

Tgt Ion: 74 Resp: 9460

Ion Ratio Lower Upper

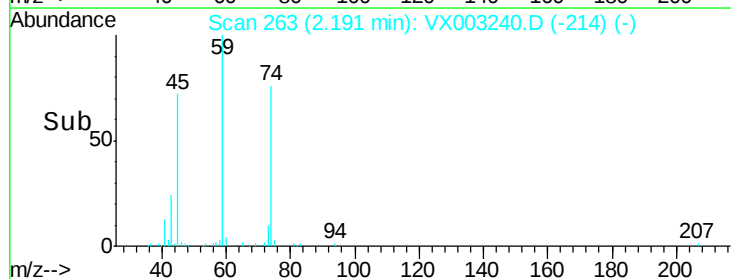
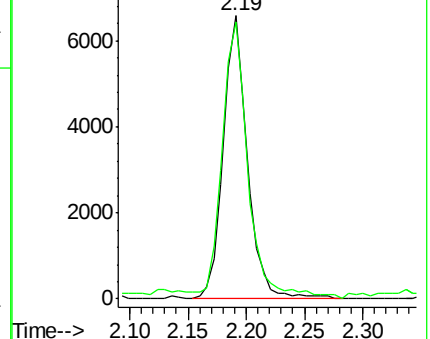
74 100

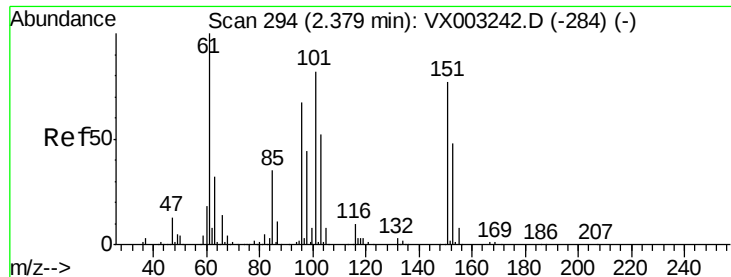
45 105.3 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.40 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

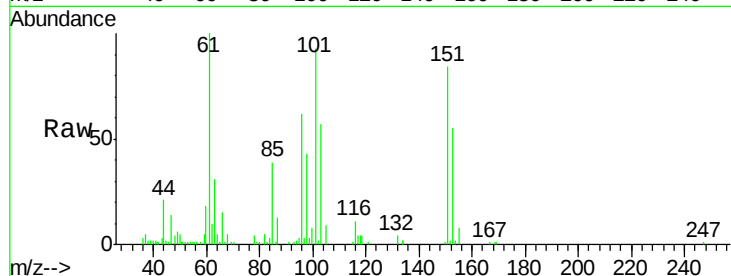
Tot Ion:101 Resp: 15153

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

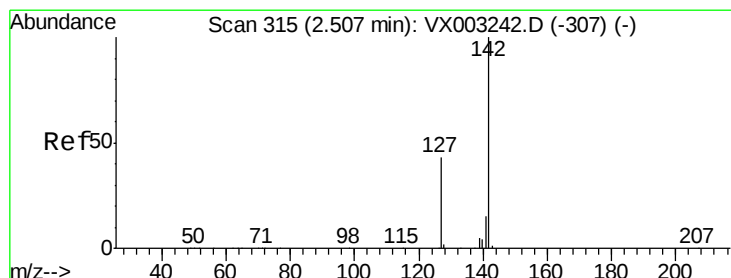
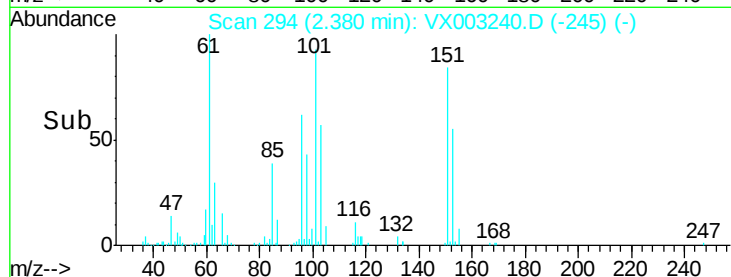
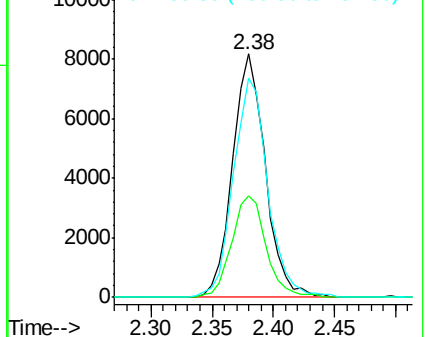
151 94.7 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.35 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

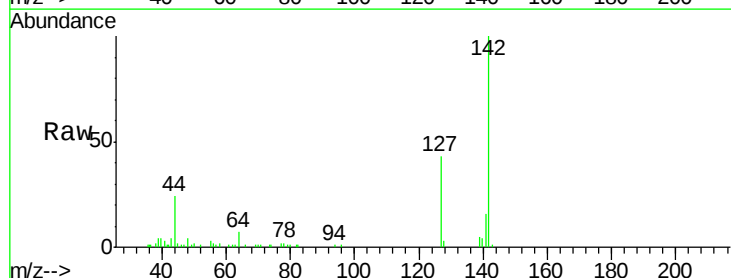
Tgt Ion:142 Resp: 11397

Ion Ratio Lower Upper

142 100

127 42.0 36.6 55.0

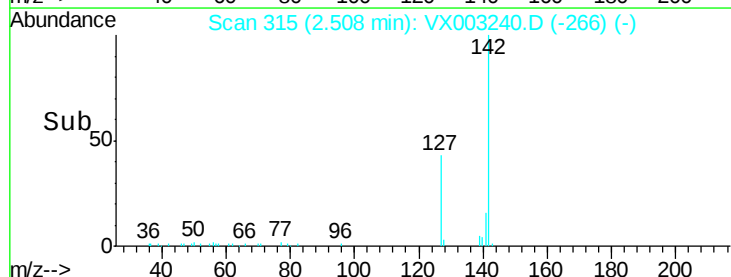
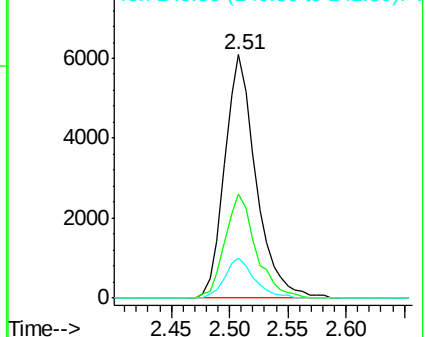
141 15.3 11.3 16.9

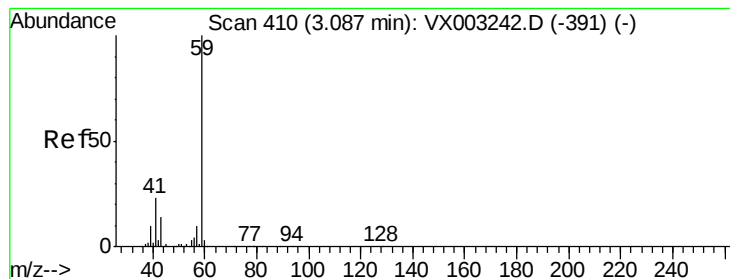


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 26.08 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

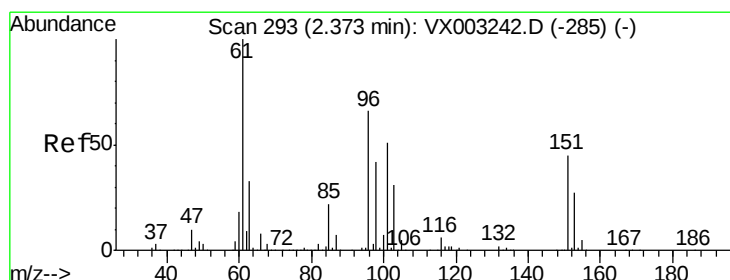
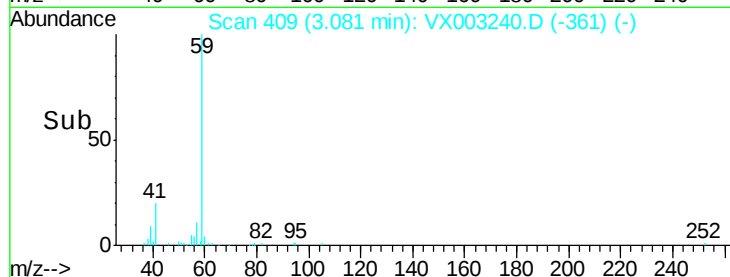
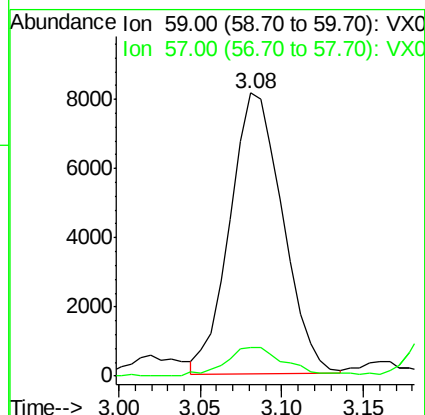
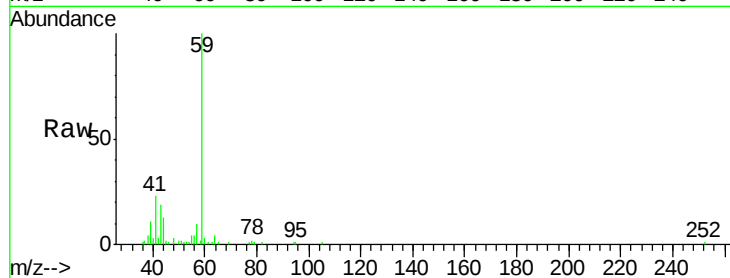
VSTDIC005

Tot Ion: 59 Resp: 18246

Ion Ratio Lower Upper

59 100

57 11.9 8.2 12.2



#12

1,1-Dichloroethene

Concen: 5.39 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

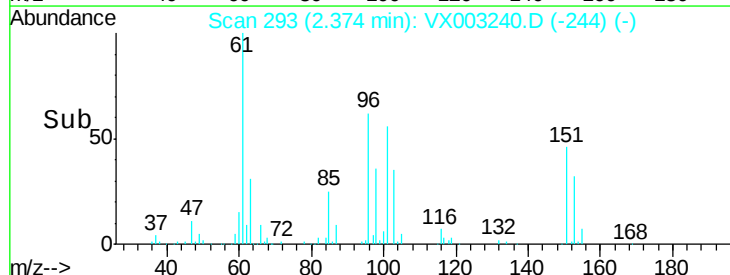
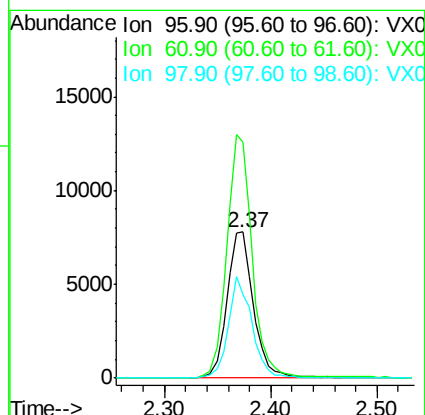
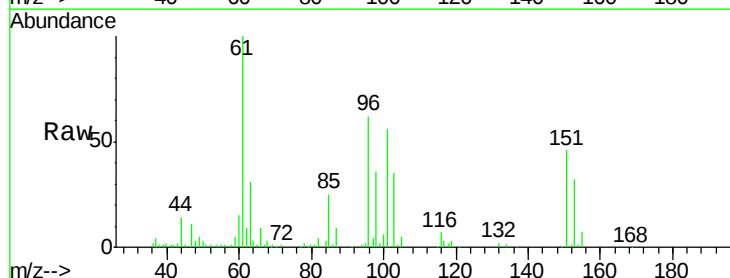
Tgt Ion: 96 Resp: 13507

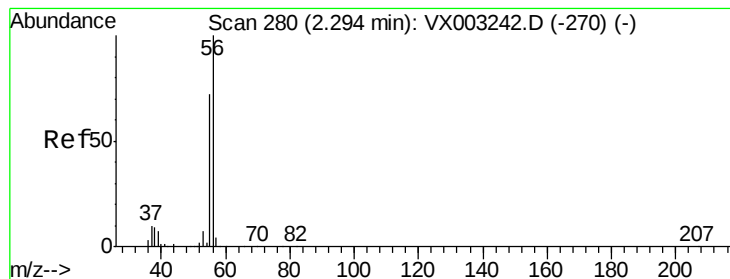
Ion Ratio Lower Upper

96 100

61 162.0 137.9 206.9

98 57.5 51.6 77.4





#13

Acrolein

Concen: 39.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

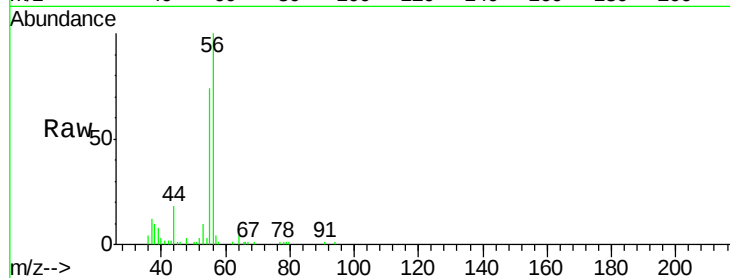
VSTDIC005

Tot Ion: 56 Resp: 16204

Ion Ratio Lower Upper

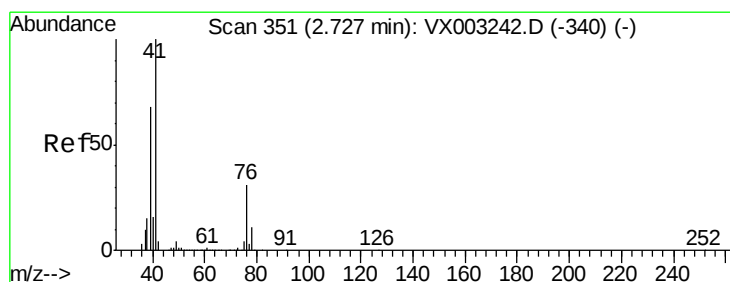
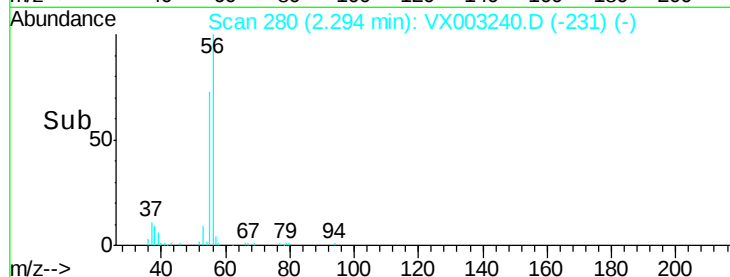
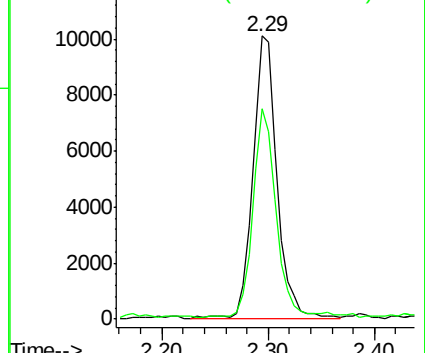
56 100

55 70.4 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 5.02 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

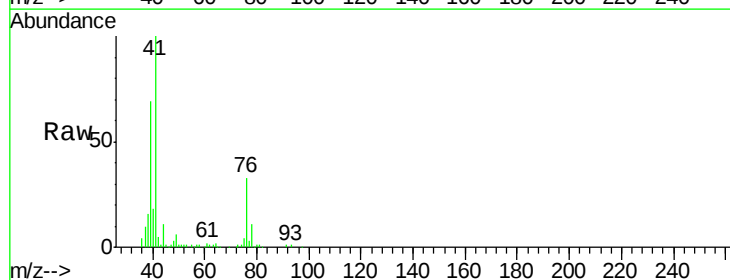
Tgt Ion: 41 Resp: 24783

Ion Ratio Lower Upper

41 100

39 66.2 56.8 85.2

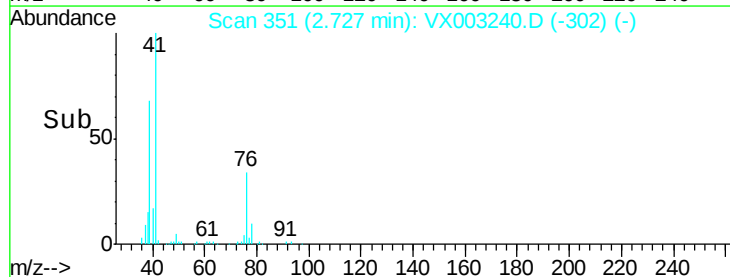
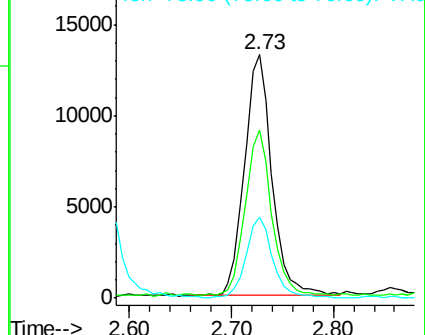
76 32.9 23.8 35.8

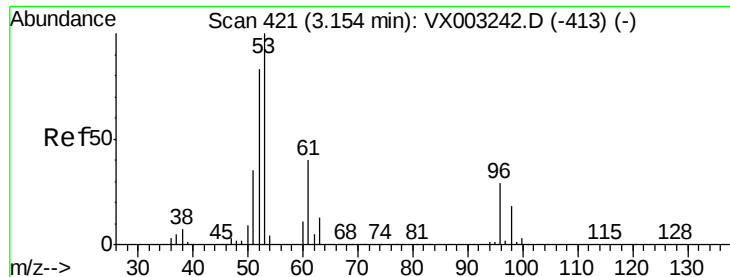


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 26.91 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

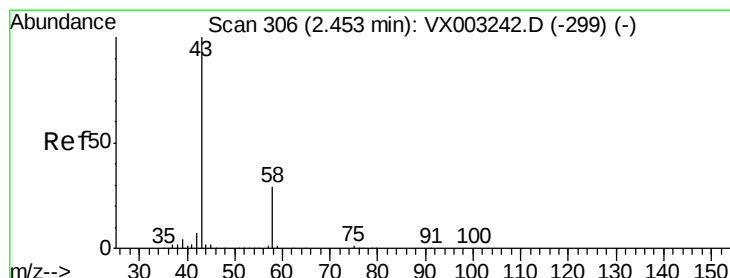
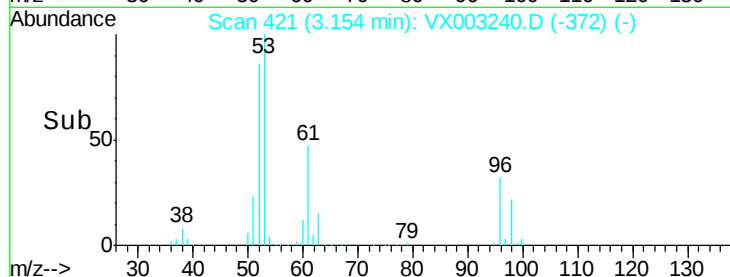
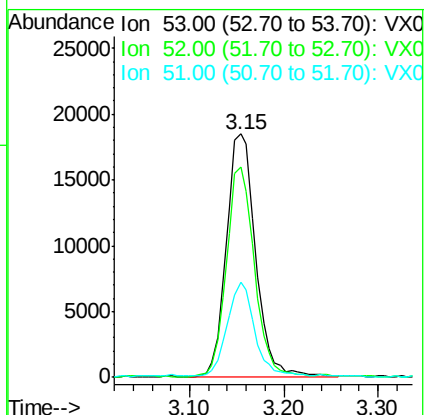
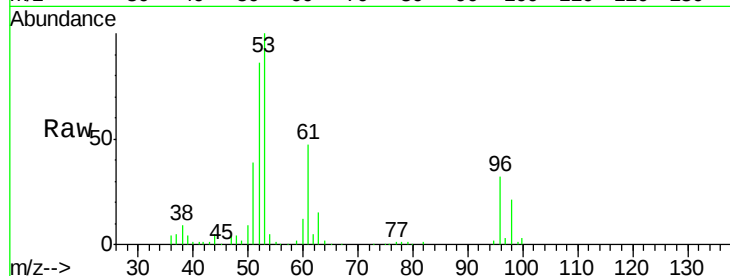
Tot Ion: 53 Resp: 40221

Ion Ratio Lower Upper

53 100

52 81.4 66.7 100.1

51 35.9 29.9 44.9



#16

Acetone

Concen: 23.98 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003240.D

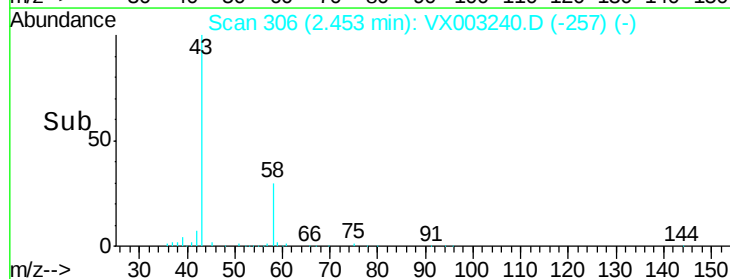
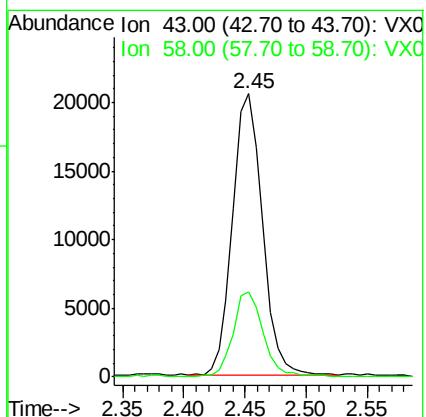
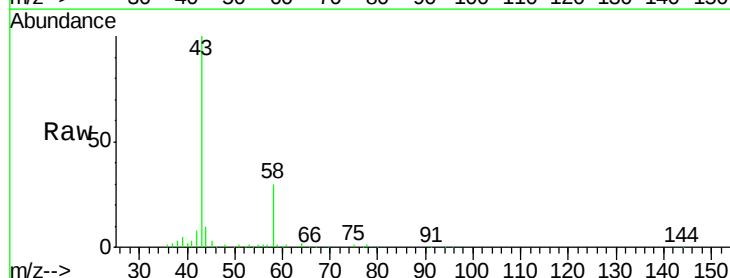
Acq: 09 Jul 2018 11:49

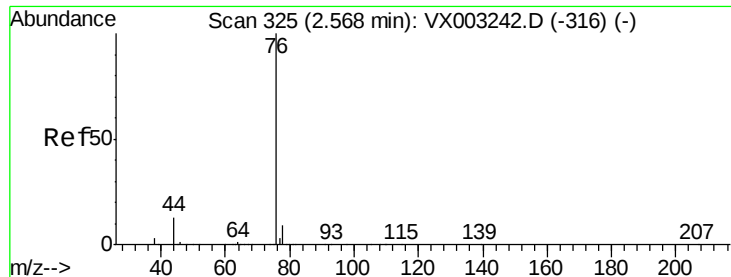
Tgt Ion: 43 Resp: 34878

Ion Ratio Lower Upper

43 100

58 30.3 22.1 33.1

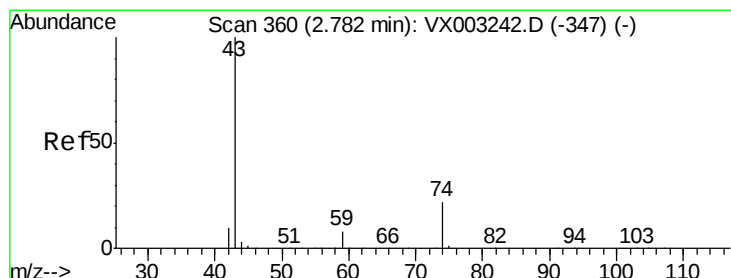
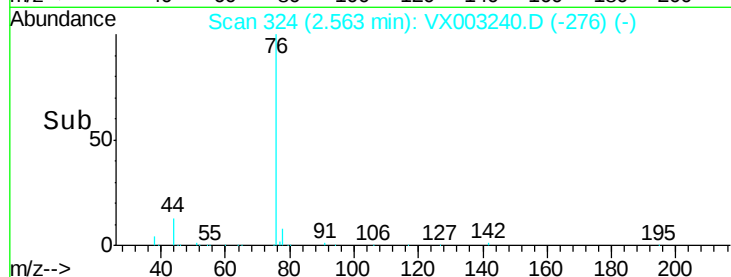
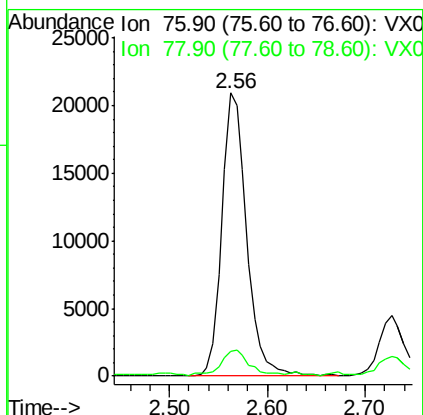
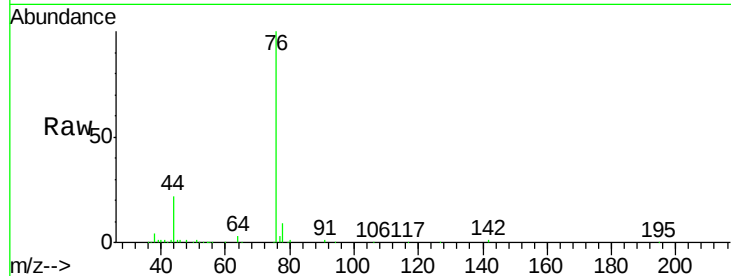




#17
Carbon Disulfide
Concen: 5.52 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

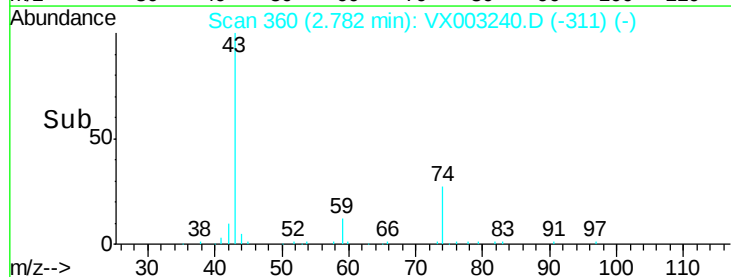
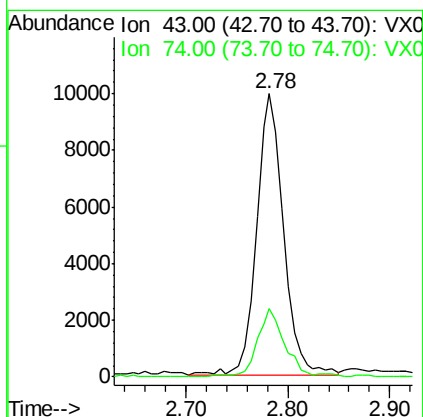
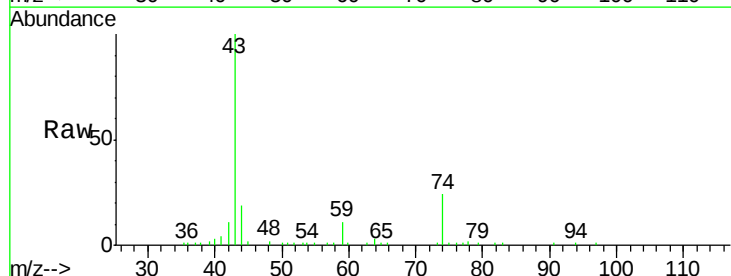
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

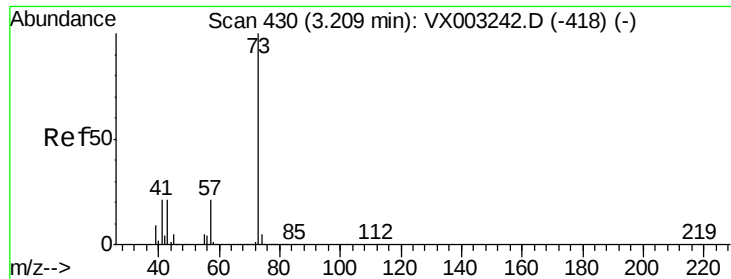
Tot Ion: 76 Resp: 36865
Ion Ratio Lower Upper
76 100
78 8.3 6.9 10.3



#18
Methyl Acetate
Concen: 4.47 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion: 43 Resp: 18166
Ion Ratio Lower Upper
43 100
74 24.8 16.7 25.1

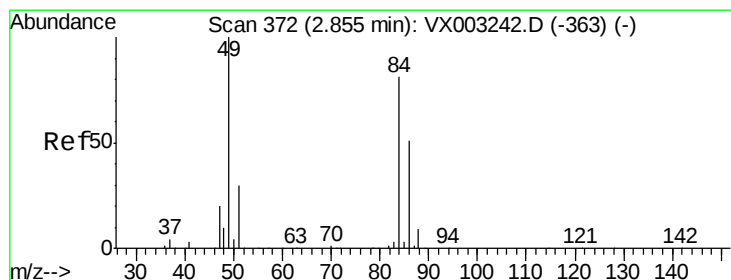
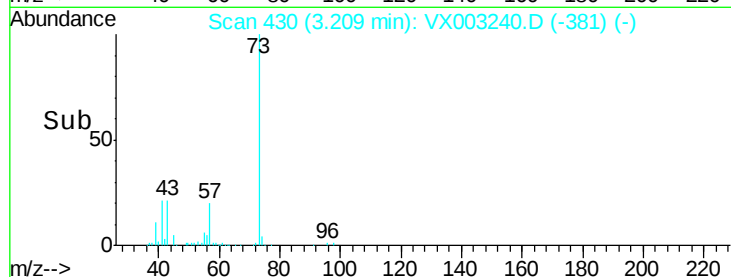
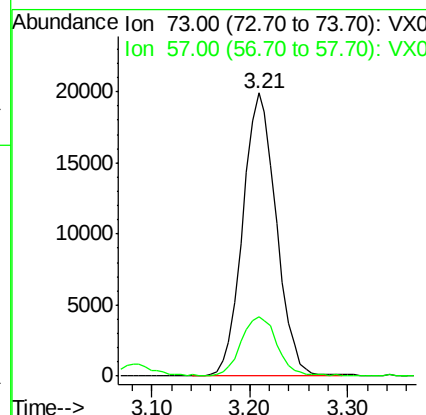
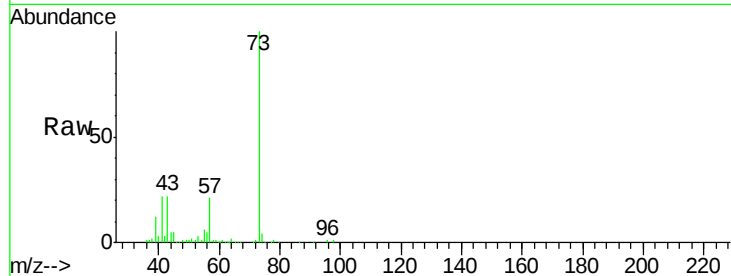




#19
Methyl tert-butyl Ether
Concen: 5.25 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

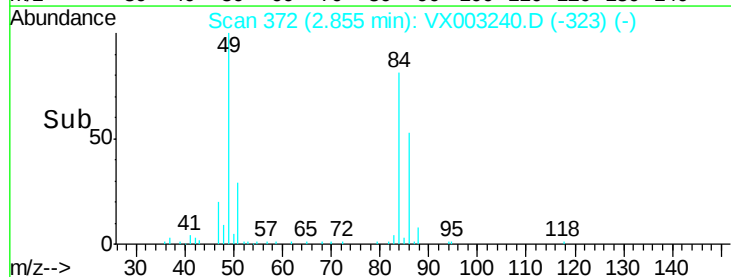
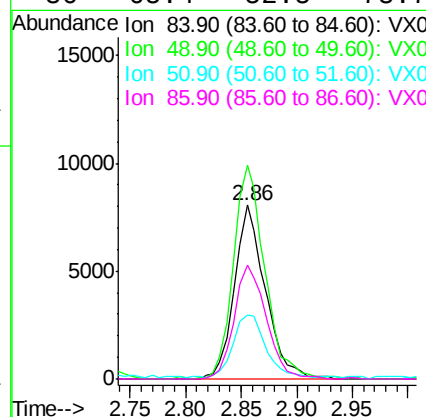
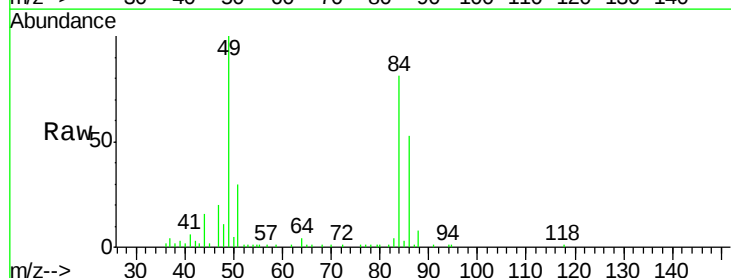
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

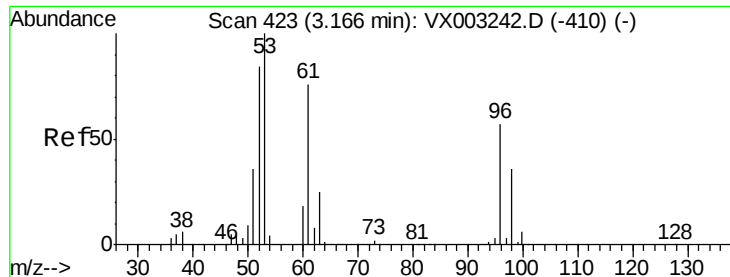
Tot Ion: 73 Resp: 47330
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5



#20
Methylene Chloride
Concen: 5.48 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion: 84 Resp: 15521
Ion Ratio Lower Upper
84 100
49 122.9 107.8 161.6
51 35.8 32.8 49.2
86 65.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 5.40 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

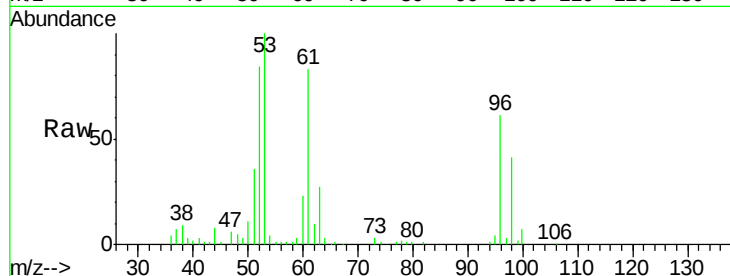
Tot Ion: 96 Resp: 14749

Ion Ratio Lower Upper

96 100

61 135.3 117.0 175.4

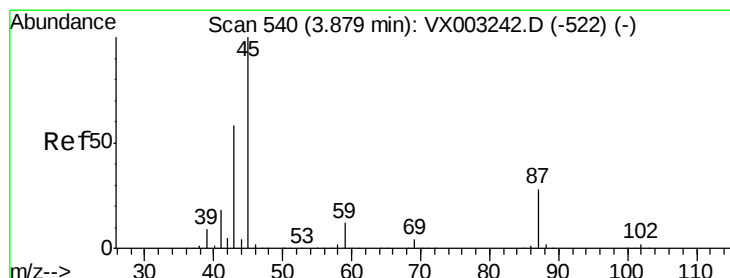
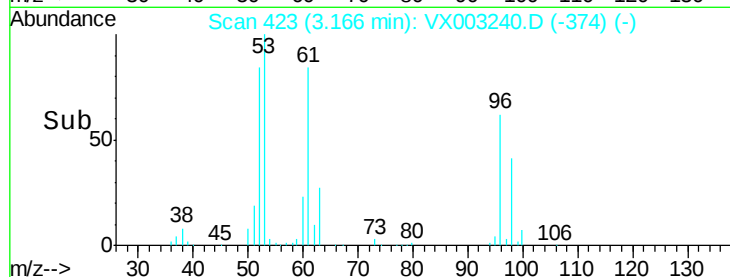
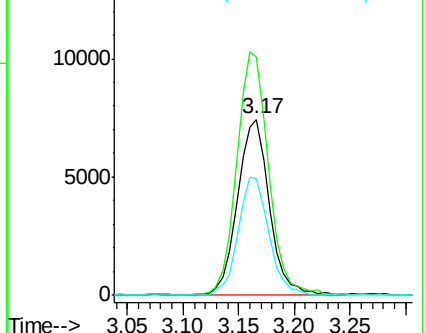
98 66.5 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 5.53 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Tgt Ion: 45 Resp: 52219

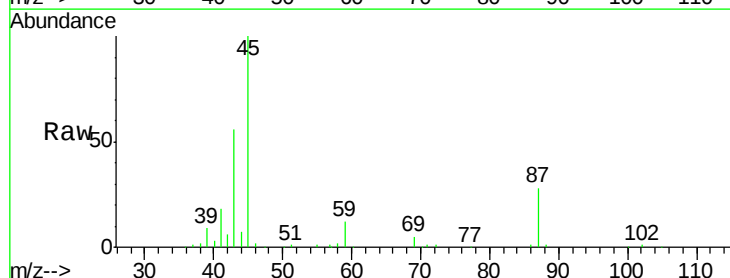
Ion Ratio Lower Upper

45 100

43 54.6 46.8 70.2

87 28.2 20.2 30.4

59 12.4 8.7 13.1

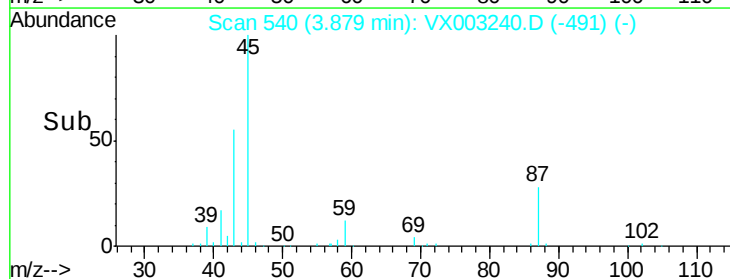
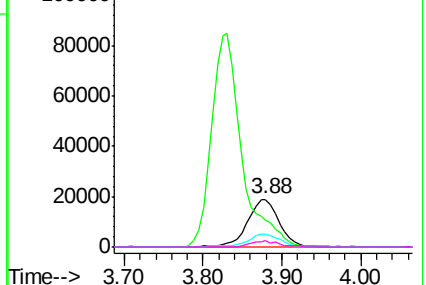


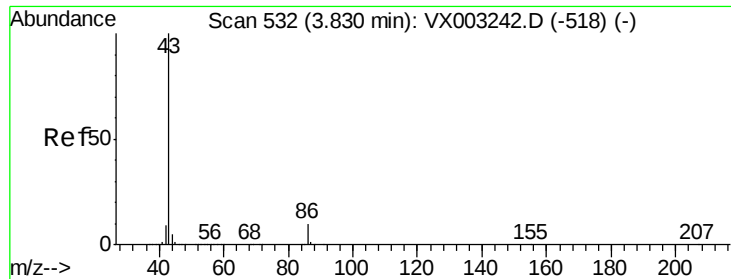
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 28.11 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

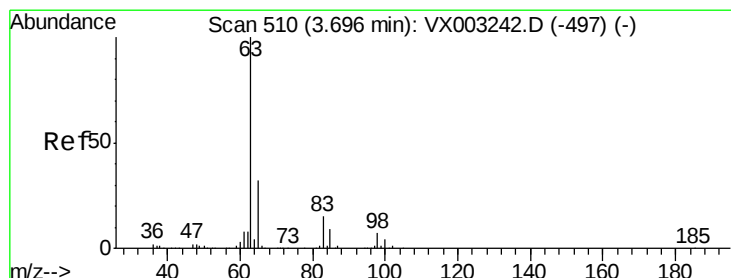
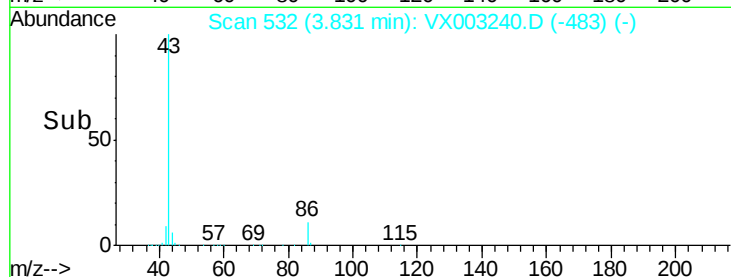
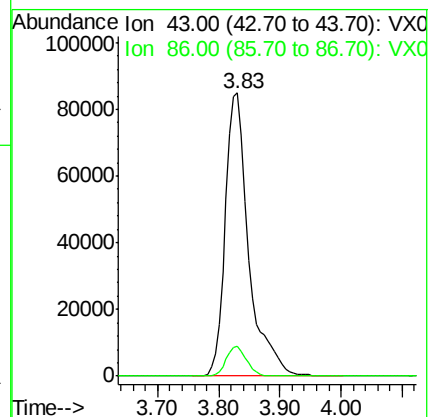
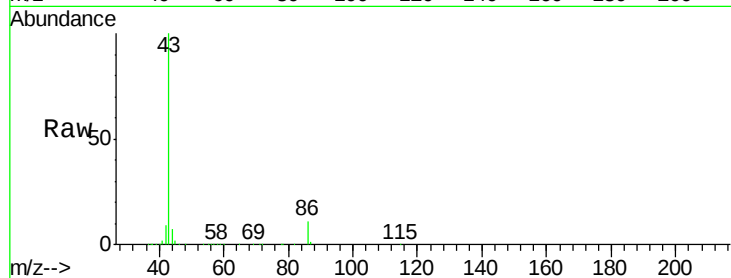
VSTDIC005

Tot Ion: 43 Resp: 224739

Ion Ratio Lower Upper

43 100

86 10.7 7.4 11.0



#24

1,1-Dichloroethane

Concen: 5.37 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

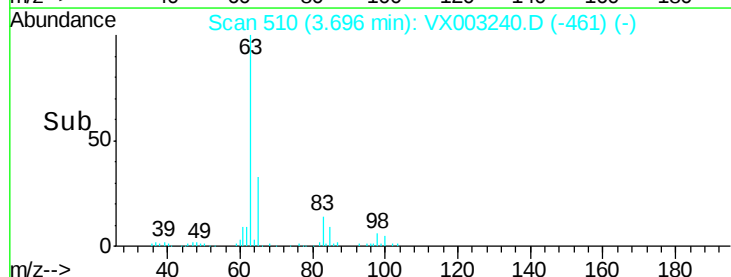
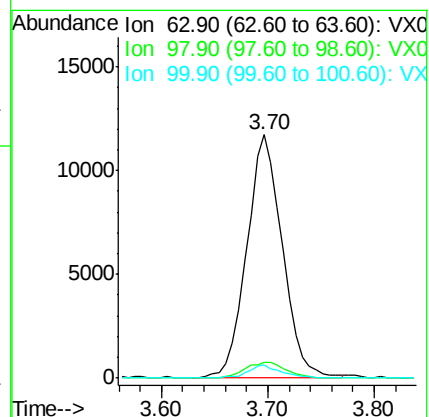
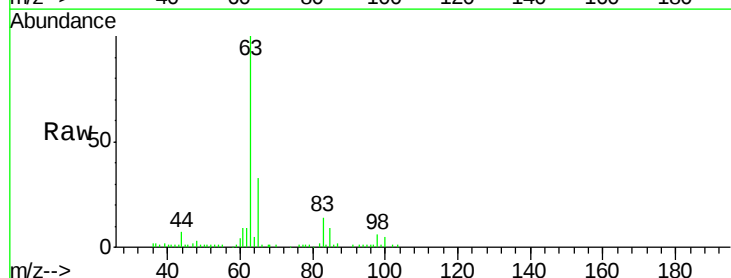
Tgt Ion: 63 Resp: 27566

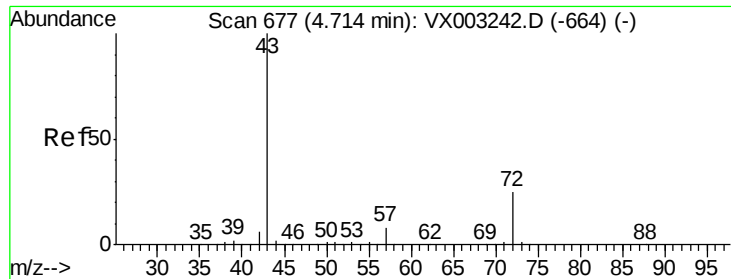
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 5.3 2.0 6.0





#25

2-Butanone

Concen: 28.69 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

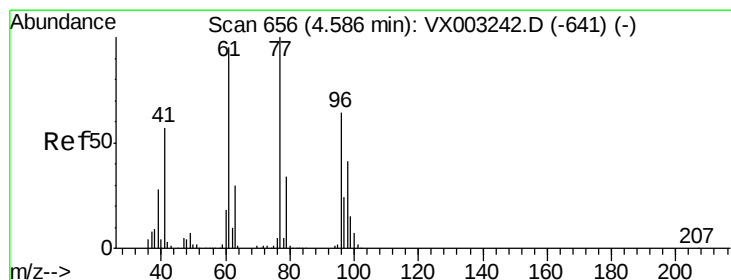
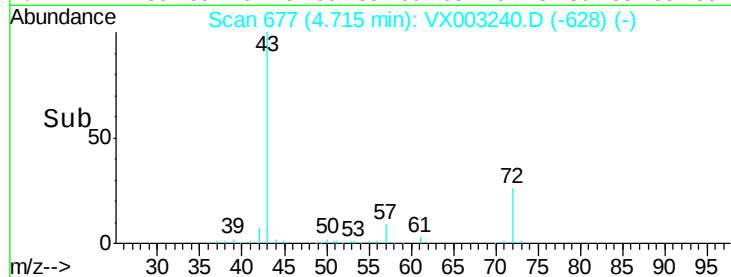
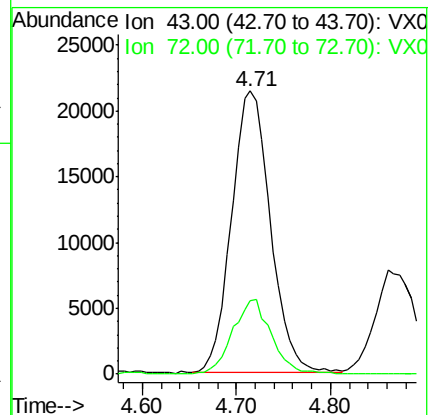
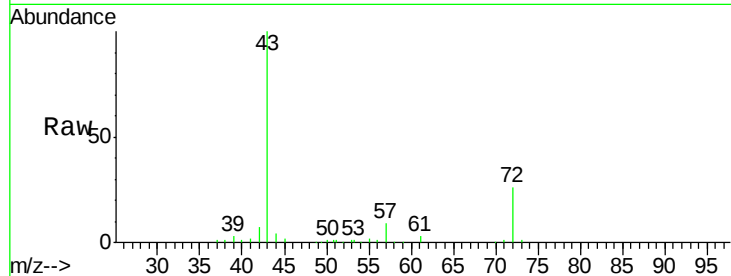
VSTDIC005

Tot Ion: 43 Resp: 61927

Ion Ratio Lower Upper

43 100

72 26.1 18.5 27.7



#26

2,2-Dichloropropane

Concen: 5.65 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003240.D

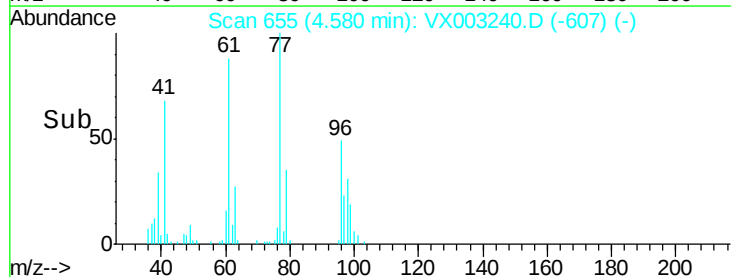
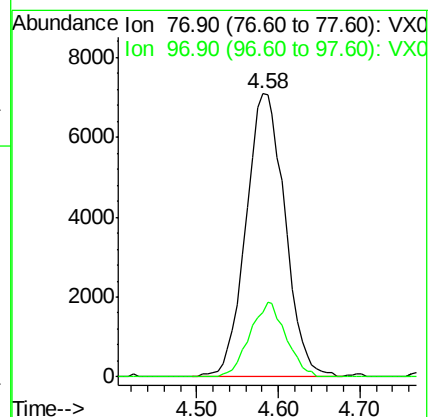
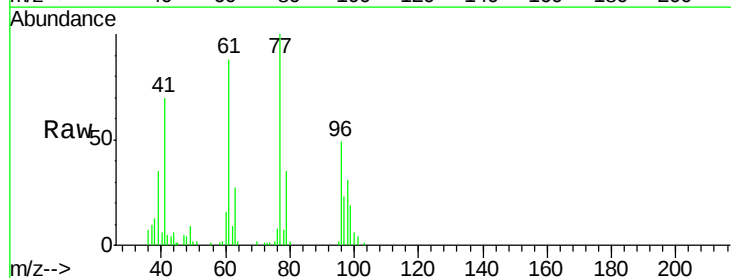
Acq: 09 Jul 2018 11:49

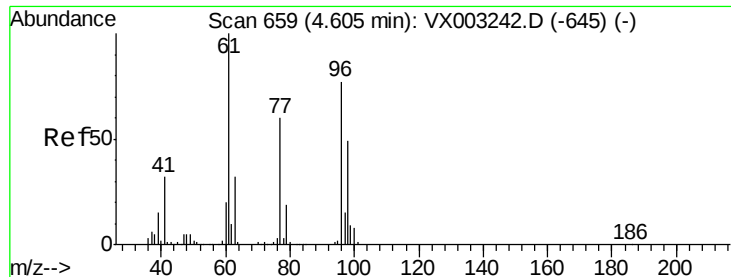
Tgt Ion: 77 Resp: 23582

Ion Ratio Lower Upper

77 100

97 24.5 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 5.95 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

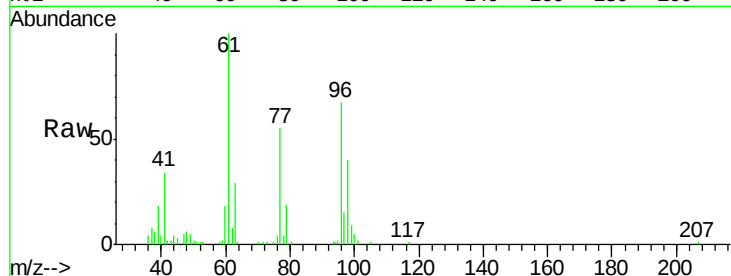
Tot Ion: 96 Resp: 18212

Ion Ratio Lower Upper

96 100

61 226.3 0.0 330.2

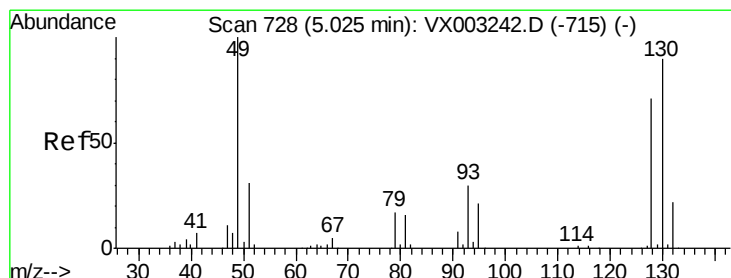
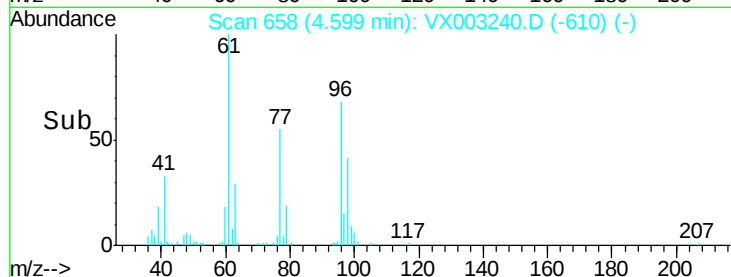
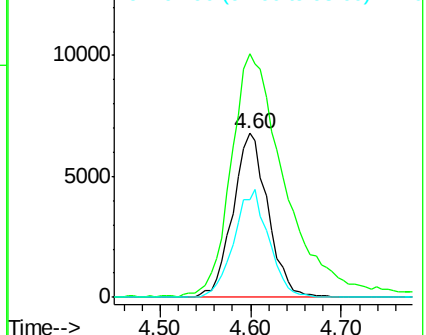
98 65.1 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 5.69 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

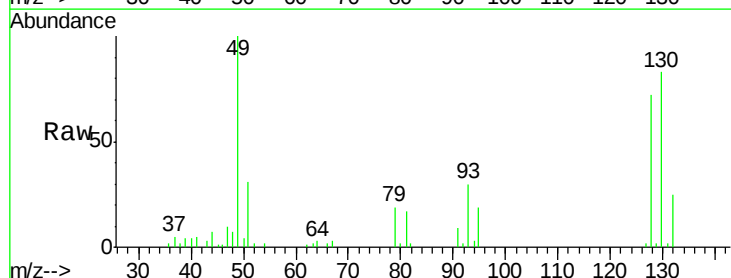
Tgt Ion: 49 Resp: 13980

Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.2

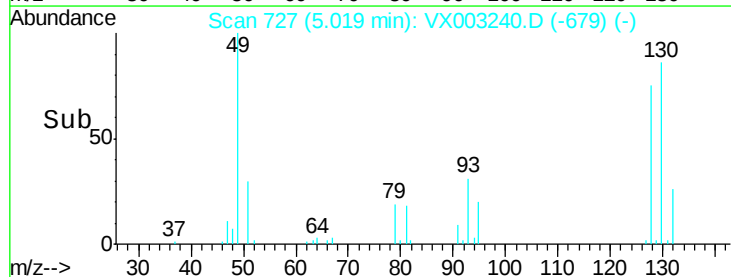
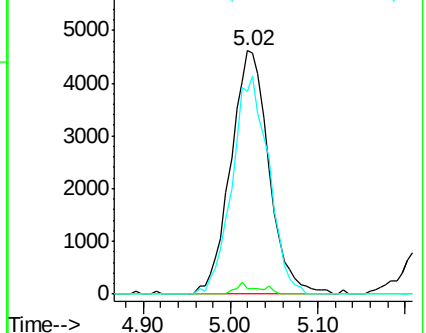
130 86.0 61.2 91.8

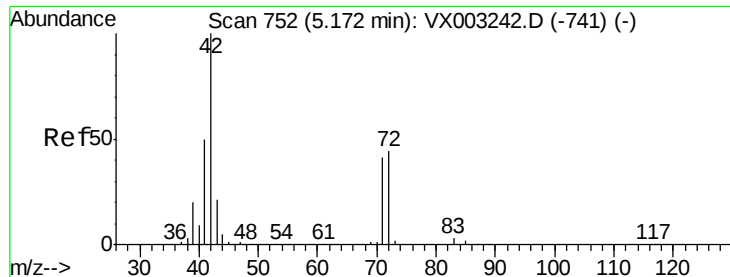


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

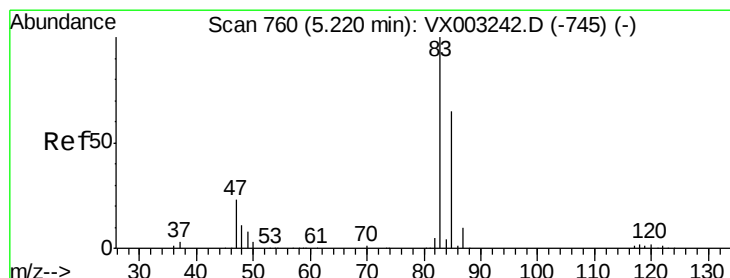
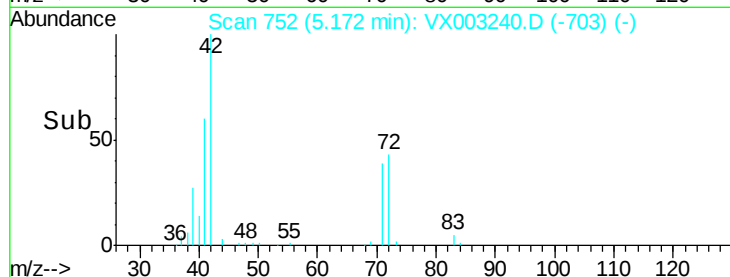
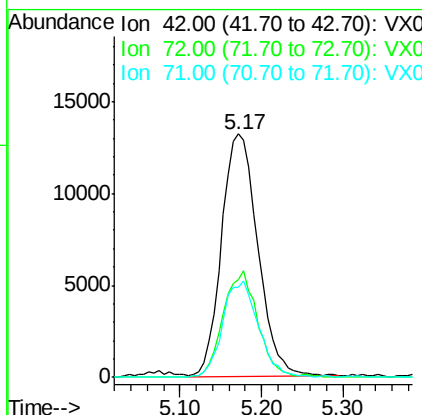
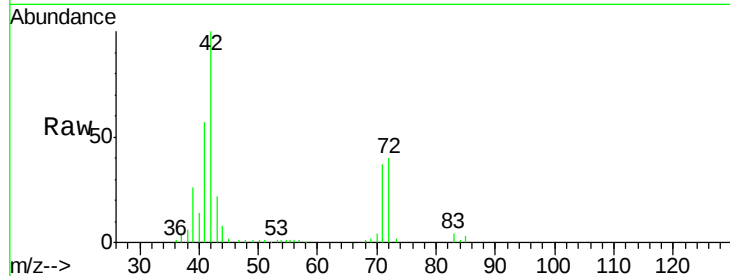




#29
Tetrahydrofuran
Concen: 29.39 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

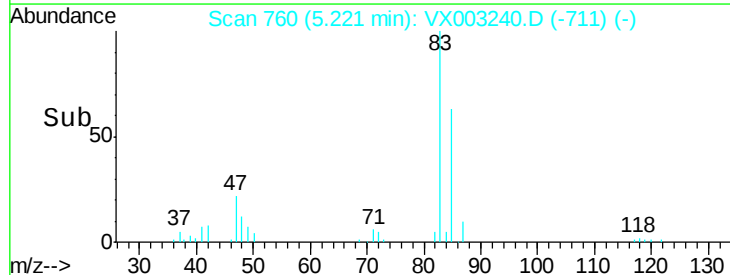
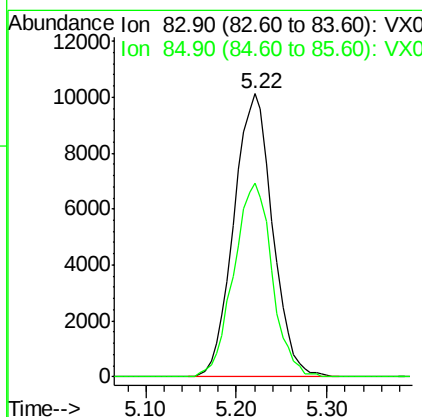
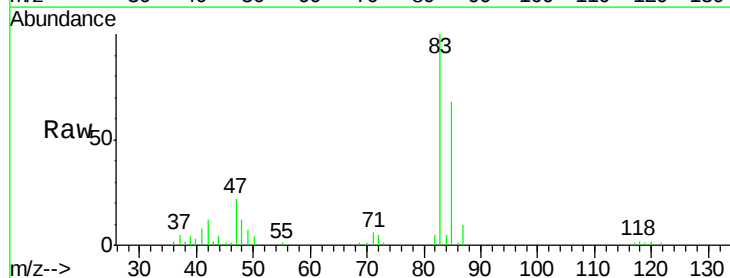
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

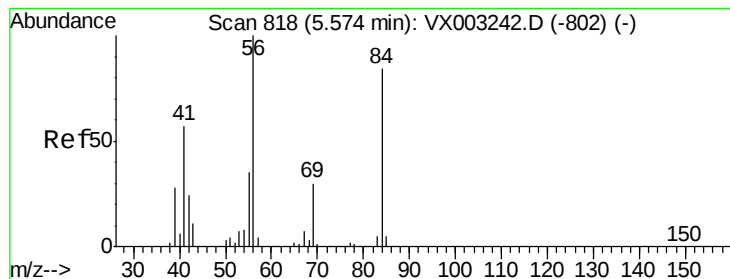
Tot Ion: 42 Resp: 40677
Ion Ratio Lower Upper
42 100
72 41.6 32.0 48.0
71 39.4 30.1 45.1



#30
Chloroform
Concen: 5.68 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion: 83 Resp: 29920
Ion Ratio Lower Upper
83 100
85 68.3 50.4 75.6





#31

Cyclohexane

Concen: 5.51 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

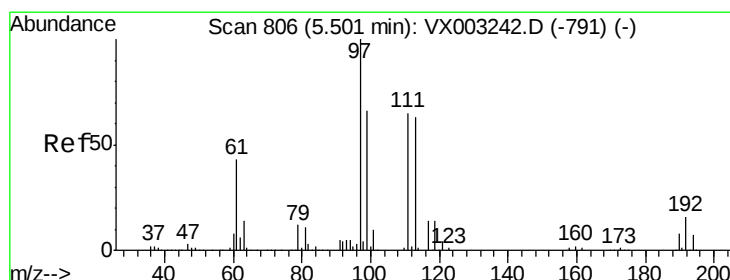
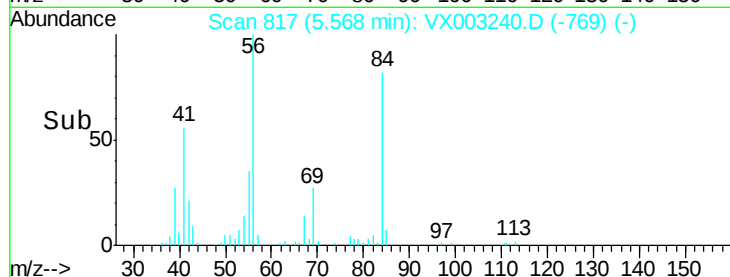
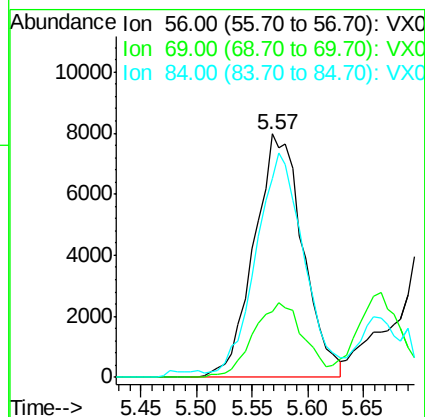
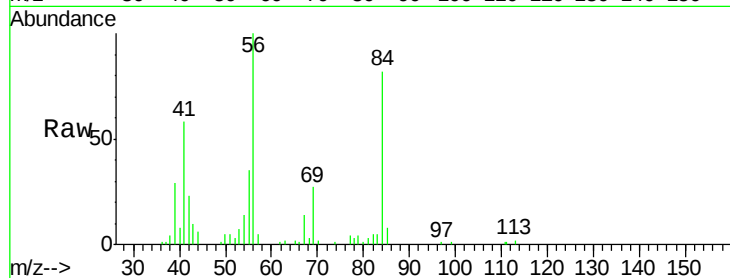
Tot Ion: 56 Resp: 24279

Ion Ratio Lower Upper

56 100

69 26.8 23.7 35.5

84 79.8 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 5.55 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

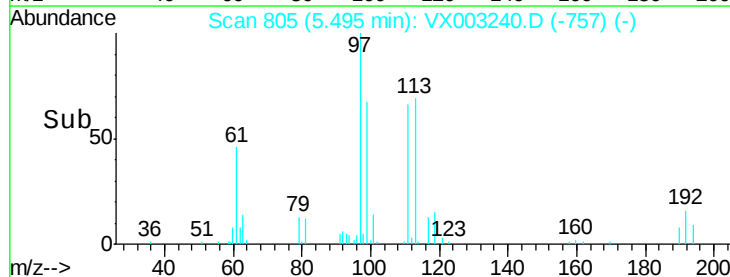
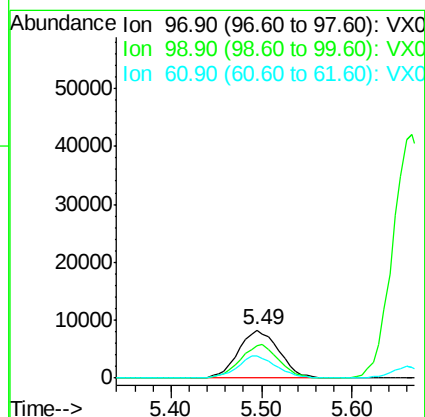
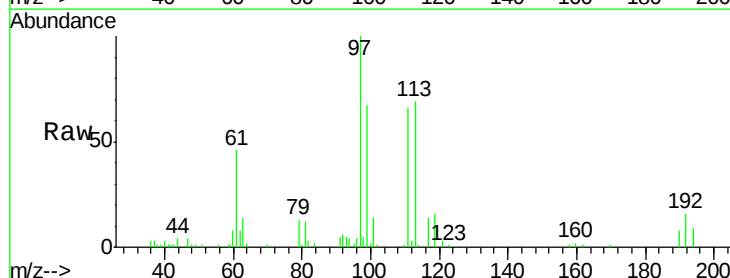
Tgt Ion: 97 Resp: 25730

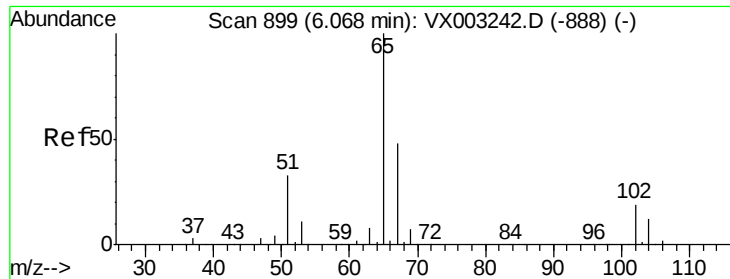
Ion Ratio Lower Upper

97 100

99 66.8 51.6 77.4

61 44.4 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 6.37 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

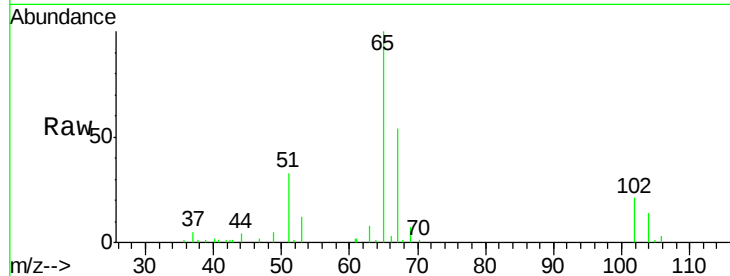
VSTDIC005

Tot Ion: 65 Resp: 22388

Ion Ratio Lower Upper

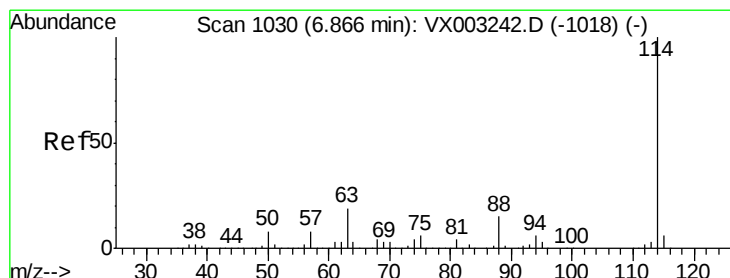
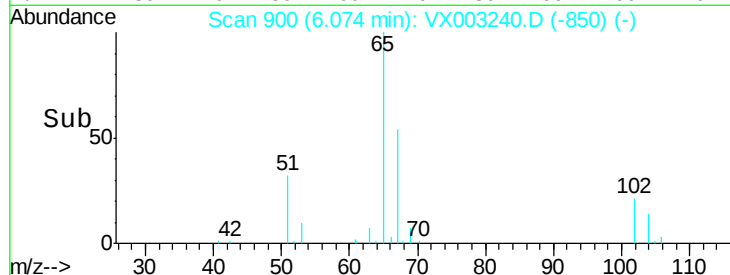
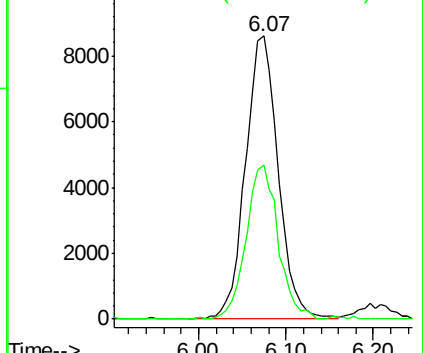
65 100

67 53.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

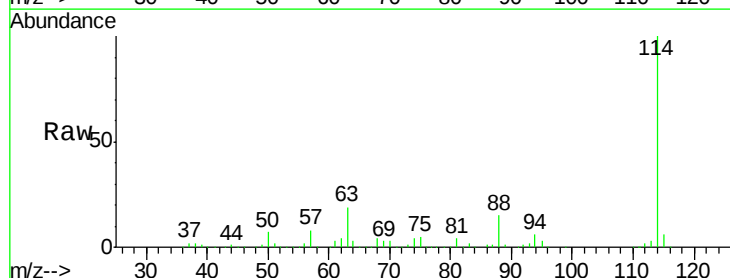
Tgt Ion: 114 Resp: 316972

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

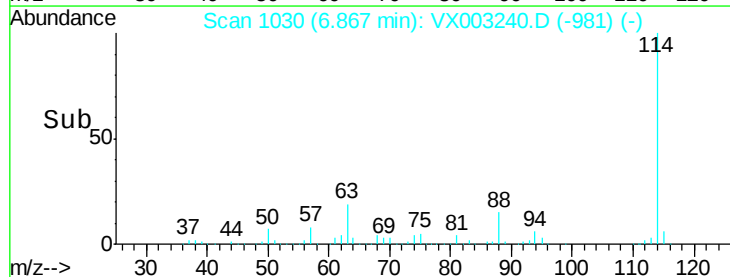
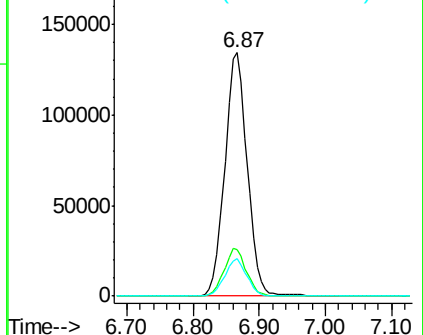
88 15.3 0.0 30.0

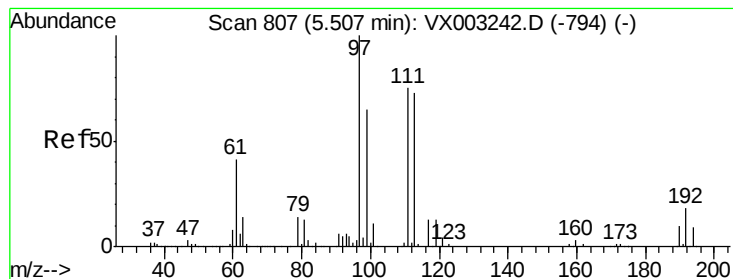


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 7.74 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

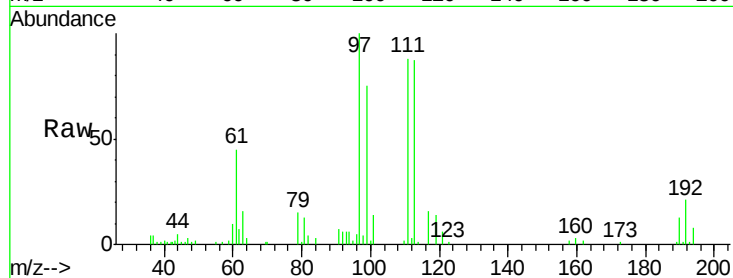
Tot Ion:113 Resp: 19434

Ion Ratio Lower Upper

113 100

111 98.9 81.4 122.0

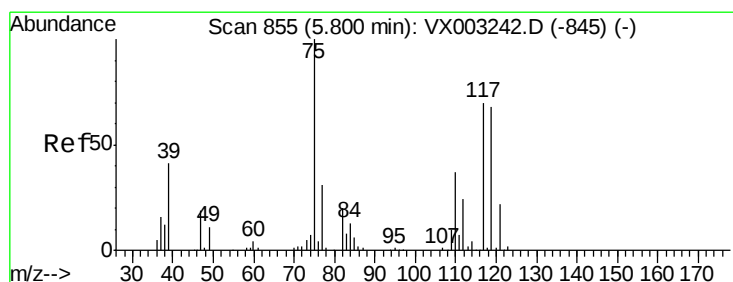
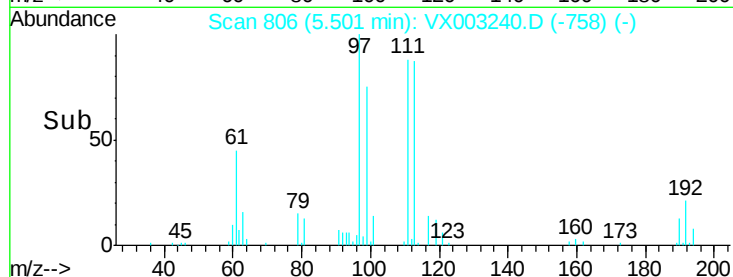
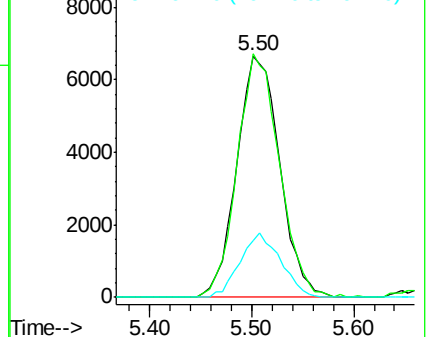
192 25.1 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 6.12 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

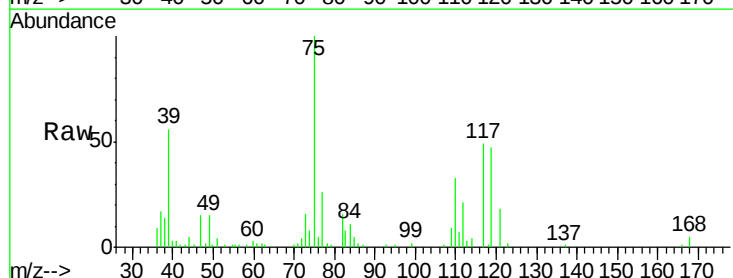
Tgt Ion: 75 Resp: 21280

Ion Ratio Lower Upper

75 100

110 39.6 18.1 54.4

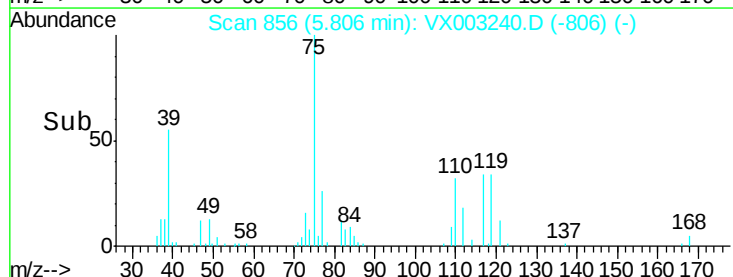
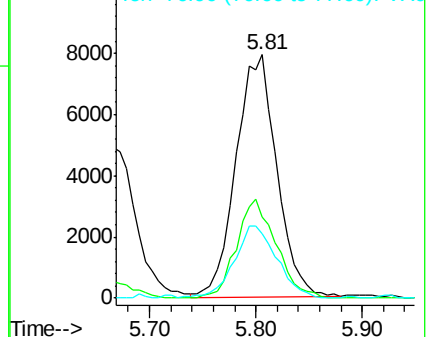
77 31.3 24.3 36.5

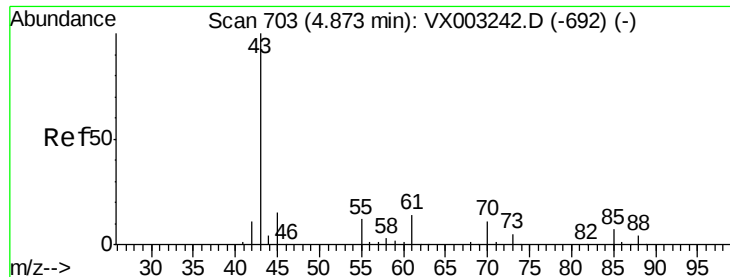


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

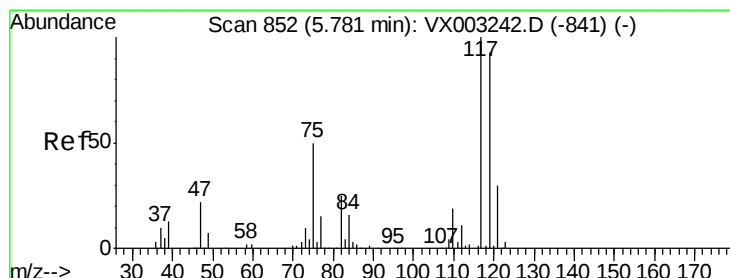
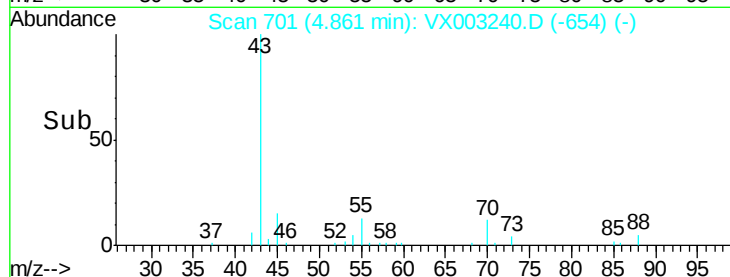
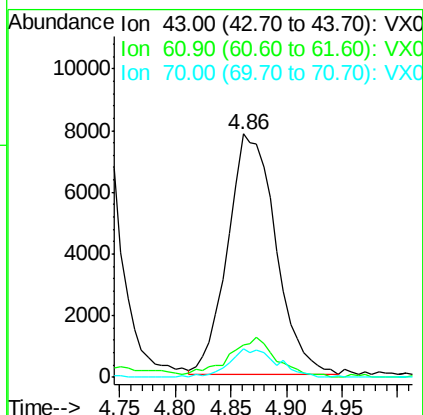
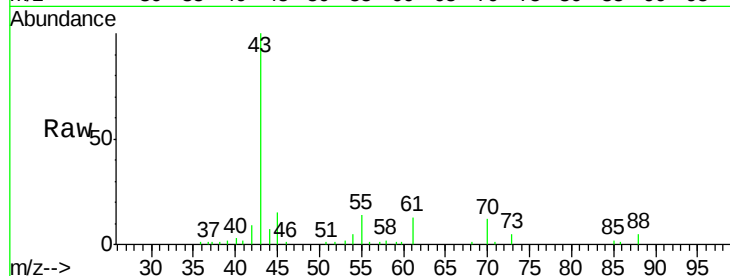




#37
Ethyl Acetate
Concen: 6.25 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

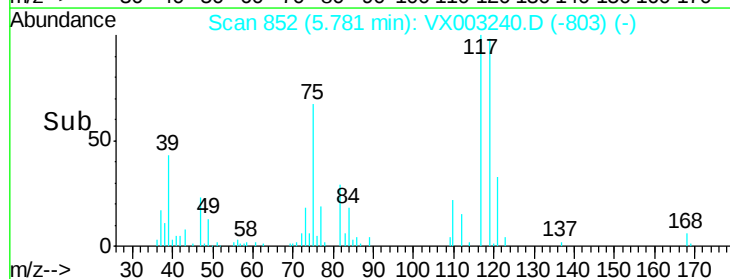
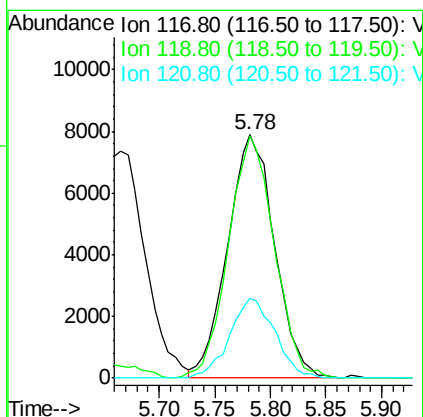
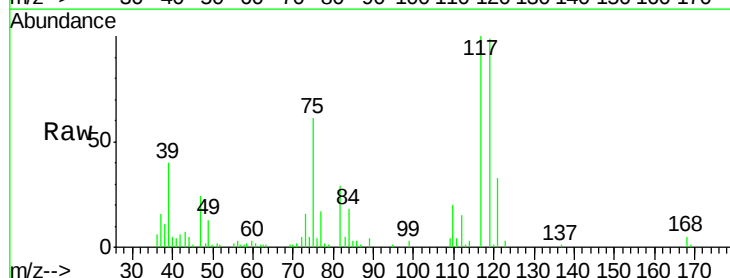
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 23388
Ion Ratio Lower Upper
43 100
61 16.8 10.4 15.6#
70 11.9 7.6 11.4#



#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion: 117 Resp: 23128
Ion Ratio Lower Upper
117 100
119 99.4 77.4 116.0
121 32.9 24.4 36.6

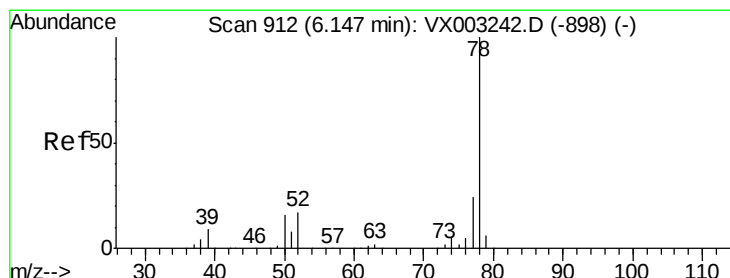
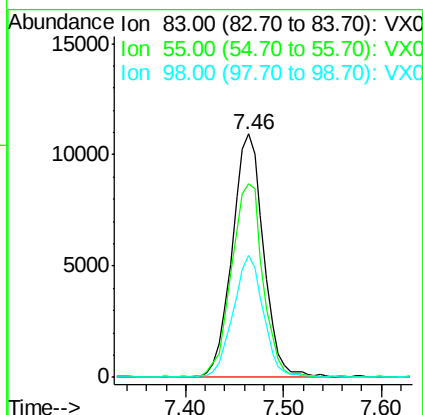
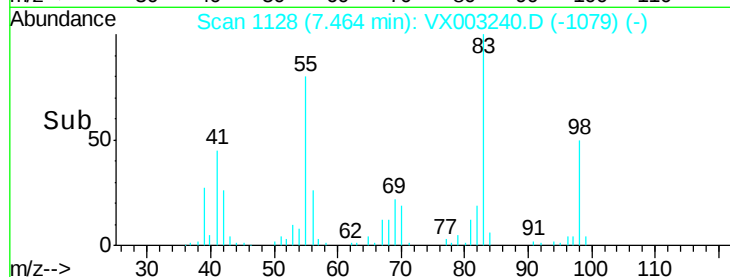
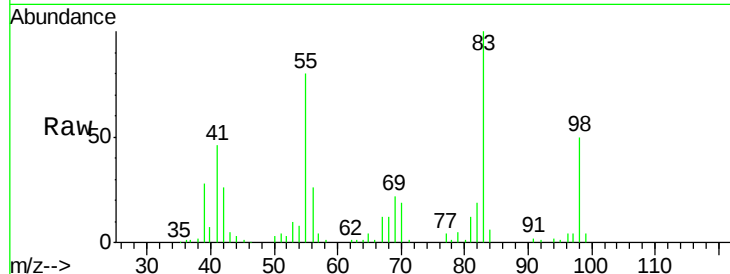




#39
Methylvlcvclohexane
Concen: 6.00 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

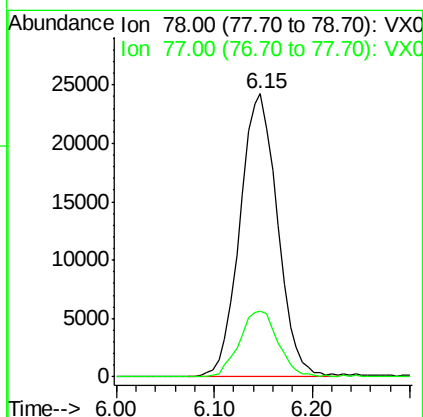
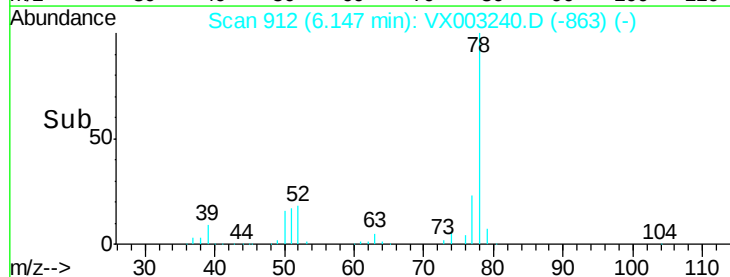
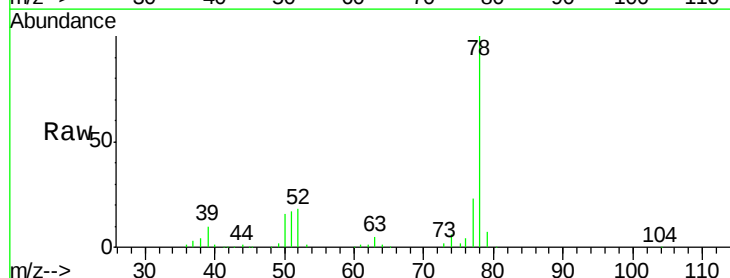
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

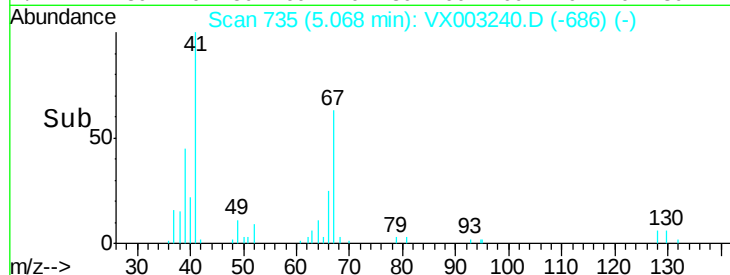
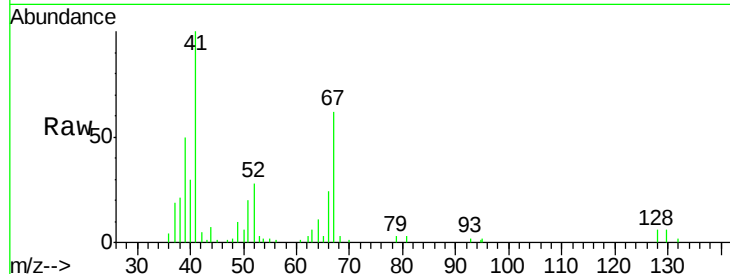
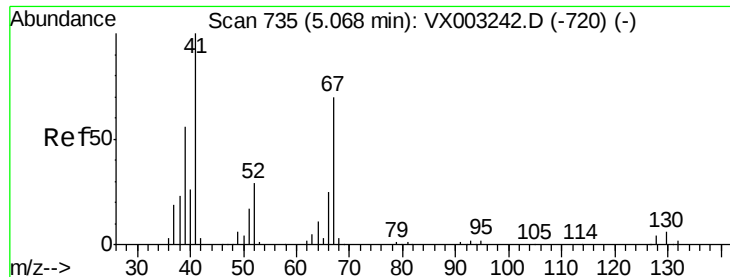
Tot Ion: 83 Resp: 24312
Ion Ratio Lower Upper
83 100
55 79.7 65.4 98.0
98 50.1 37.4 56.0



#40
Benzene
Concen: 6.41 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion: 78 Resp: 64779
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

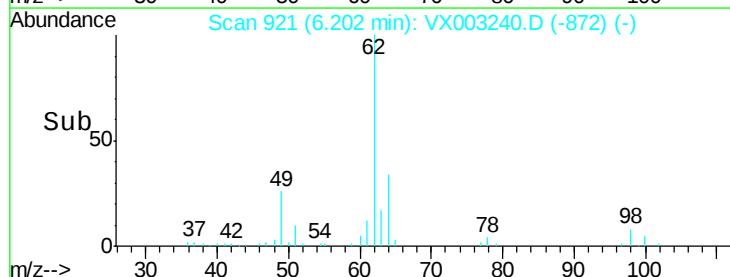
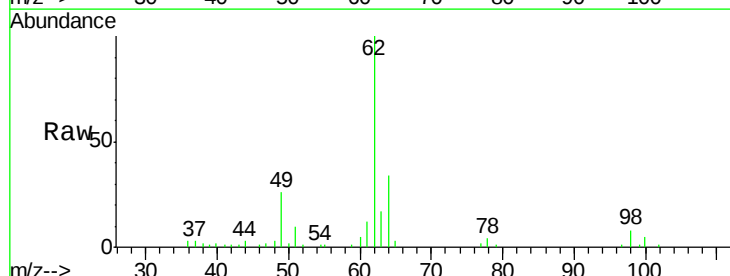
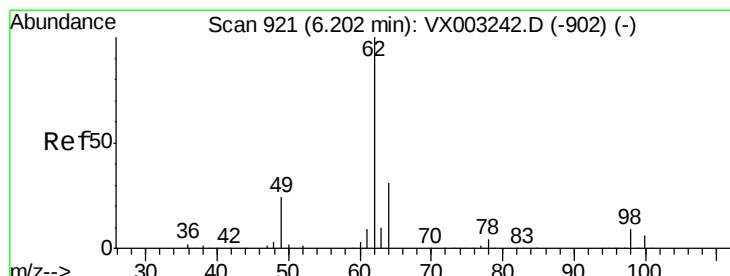
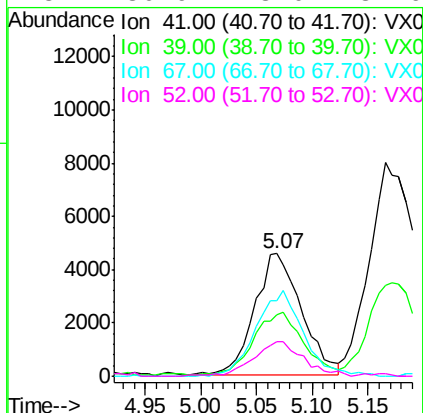




#41
Methacrylonitrile
Concen: 6.15 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

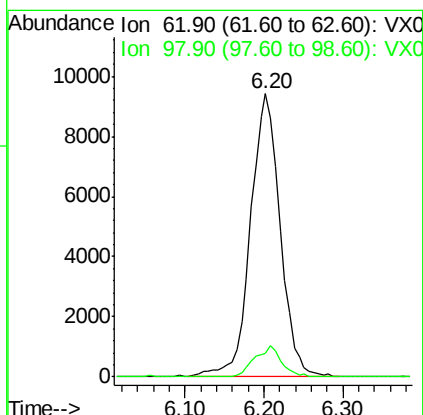
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

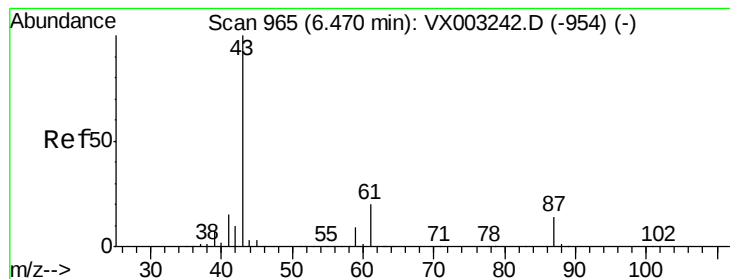
Tot Ion:	41	Resp:	13260
Ion	Ratio	Lower	Upper
41	100		
39	54.4	45.8	68.6
67	71.6	51.3	76.9
52	30.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 6.04 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion:	62	Resp:	24644
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 5.80 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

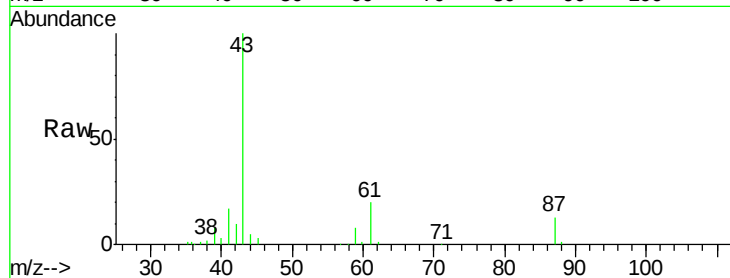
Tot Ion: 43 Resp: 36401

Ion Ratio Lower Upper

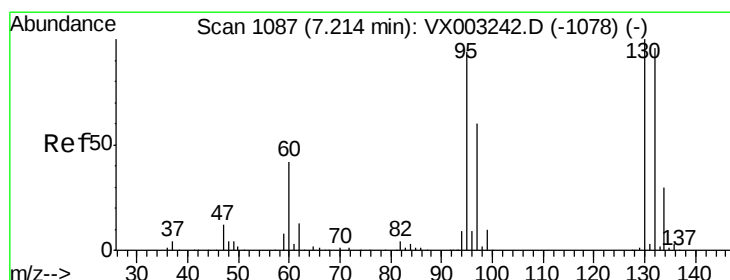
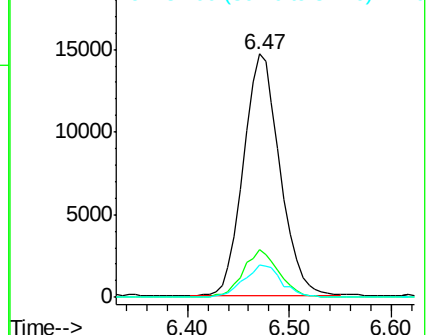
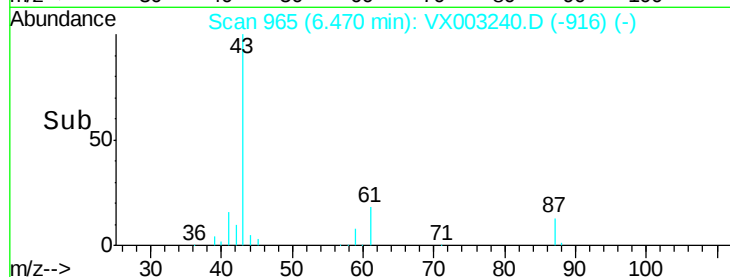
43 100

61 19.2 14.4 21.6

87 13.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX003240.D (-916) (-)



#44

Trichloroethene

Concen: 6.39 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003240.D

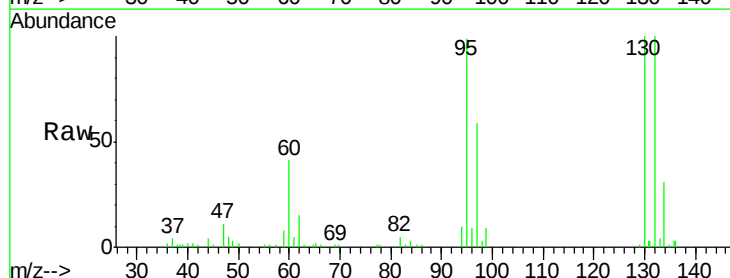
Acq: 09 Jul 2018 11:49

Tgt Ion: 130 Resp: 19256

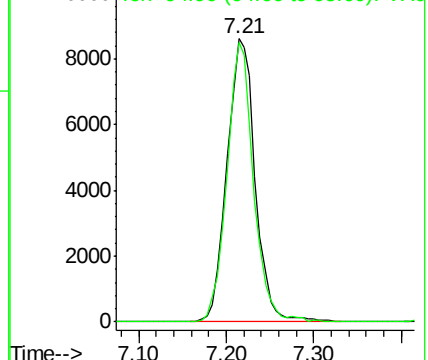
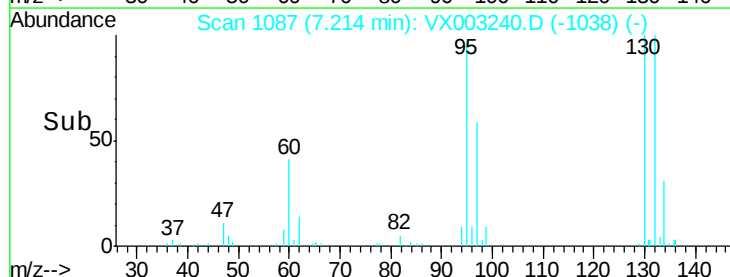
Ion Ratio Lower Upper

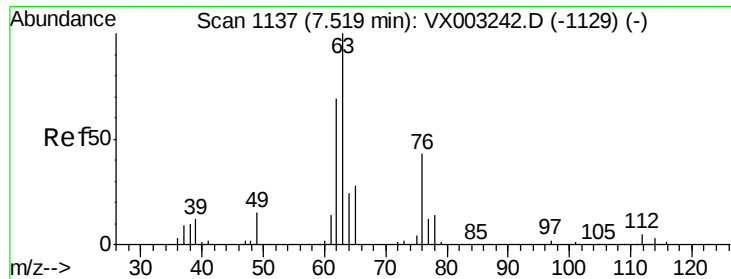
130 100

95 99.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX003240.D (-1038) (-)





#45

1,2-Dichloropropane

Concen: 6.26 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

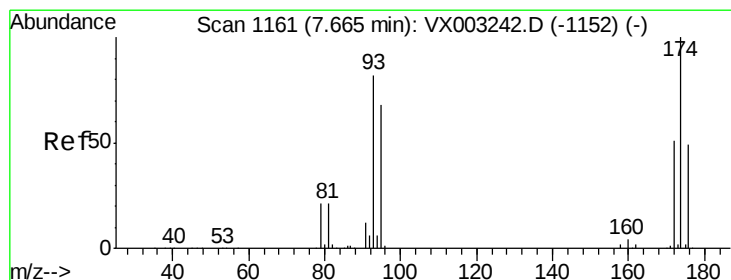
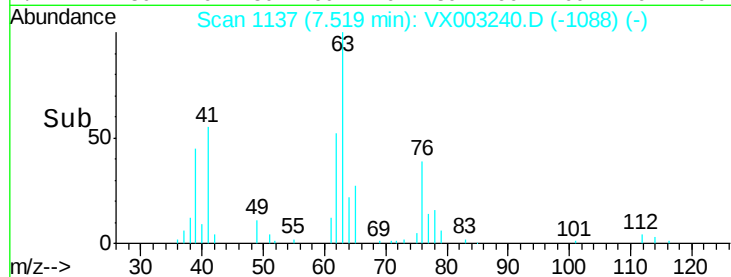
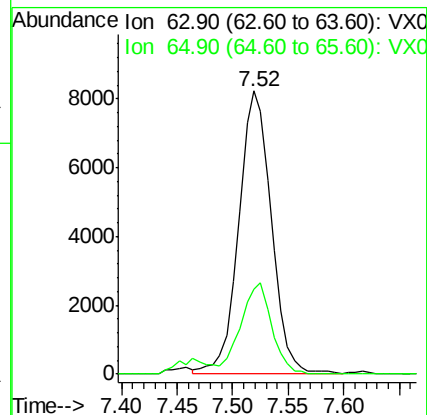
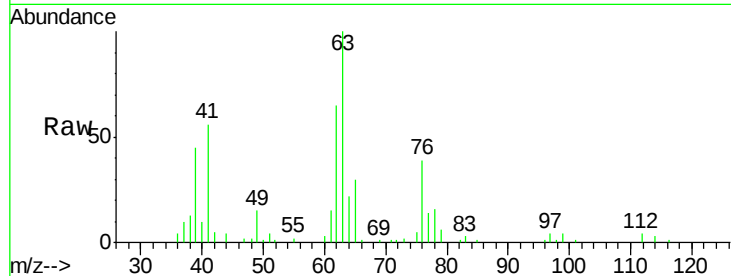
VSTDIC005

Tot Ion: 63 Resp: 16773

Ion Ratio Lower Upper

63 100

65 30.1 24.7 37.1



#46

Dibromomethane

Concen: 6.20 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

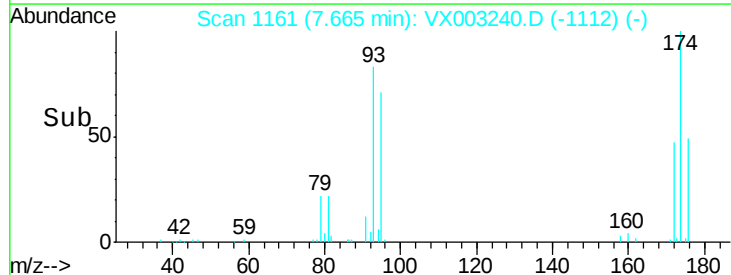
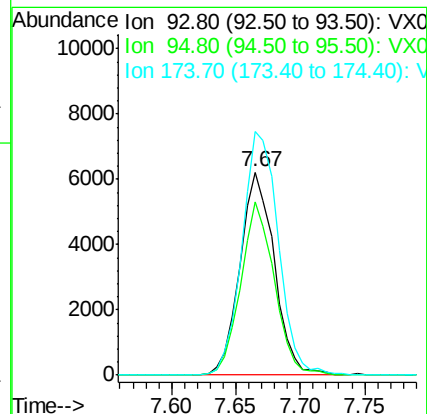
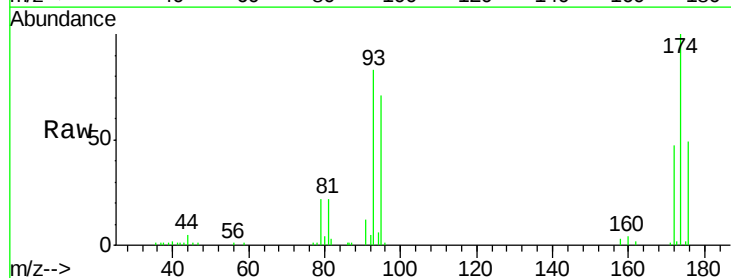
Tgt Ion: 93 Resp: 11523

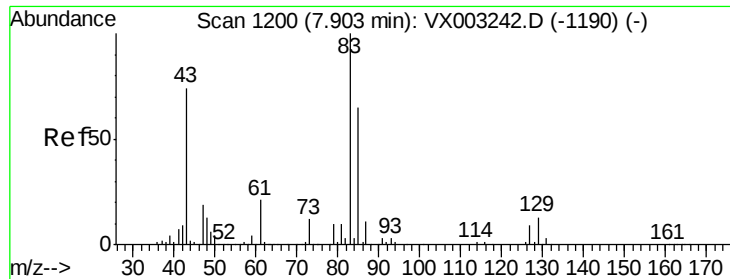
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 126.4 92.4 138.6





#47

Bromodichloromethane

Concen: 5.93 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

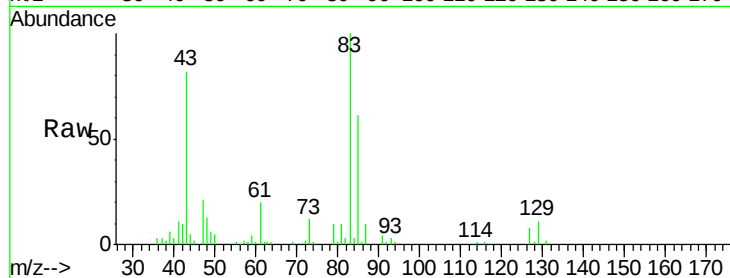
Tot Ion: 83 Resp: 20393

Ion Ratio Lower Upper

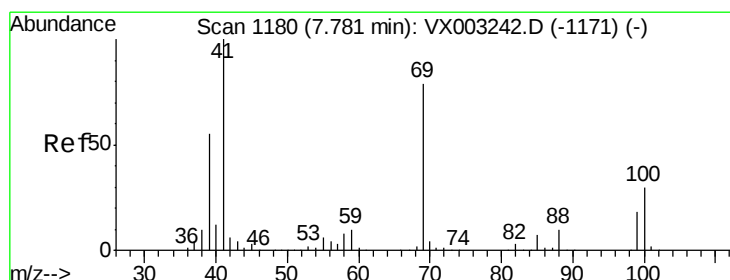
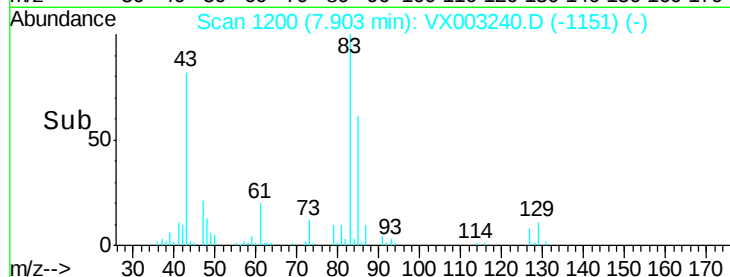
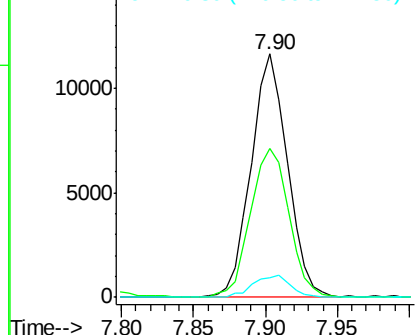
83 100

85 61.4 50.3 75.5

127 7.9 7.0 10.4



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



#48

Methyl methacrylate

Concen: 5.58 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

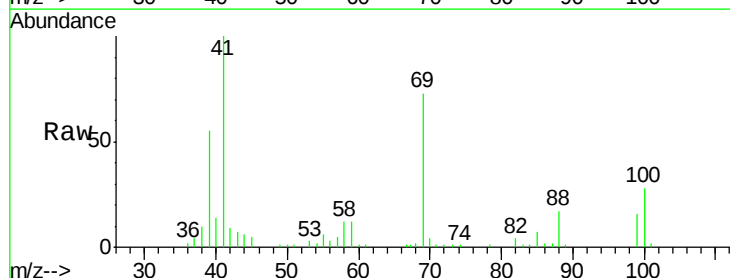
Tgt Ion: 41 Resp: 18043

Ion Ratio Lower Upper

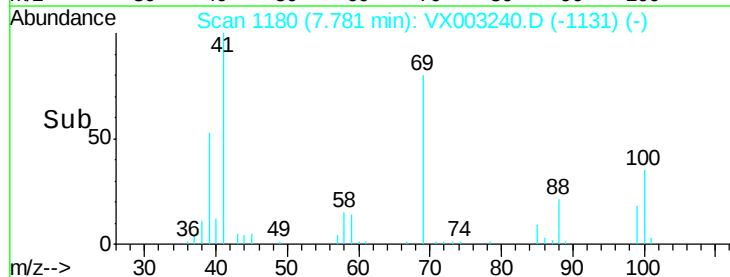
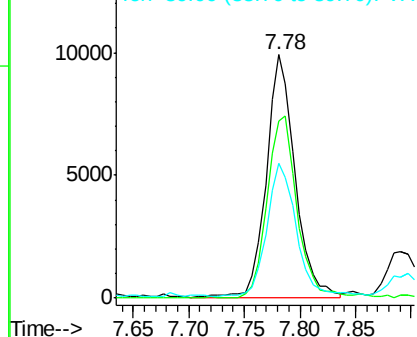
41 100

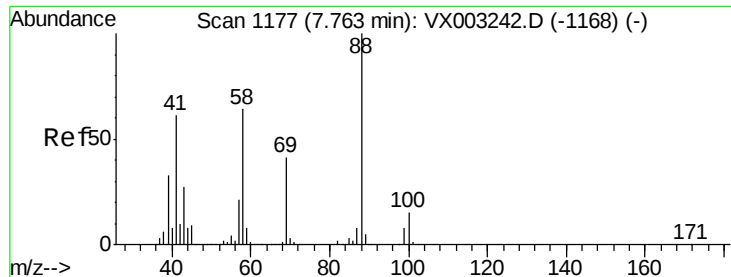
69 77.1 59.1 88.7

39 56.6 48.9 73.3



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

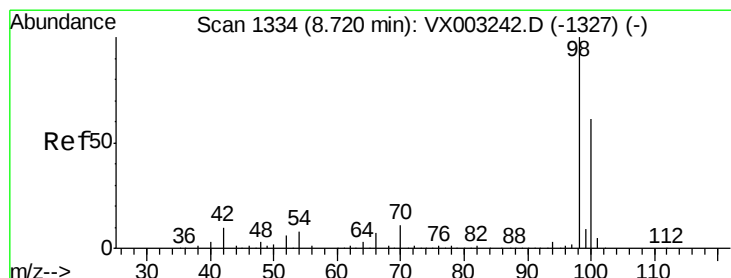
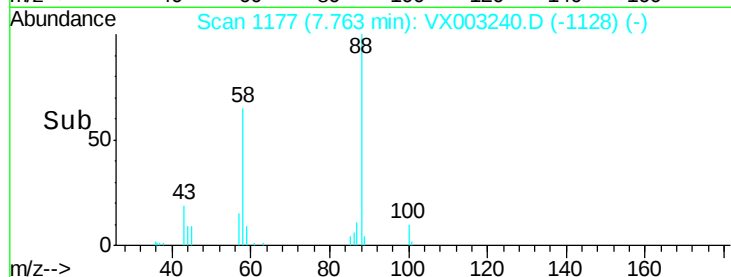
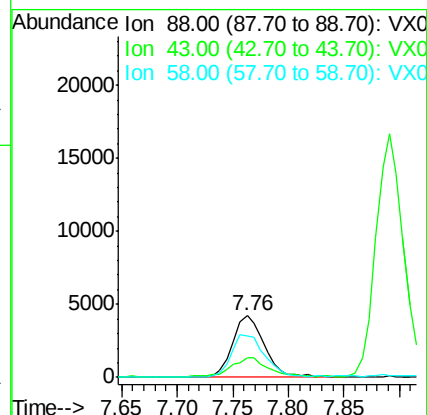
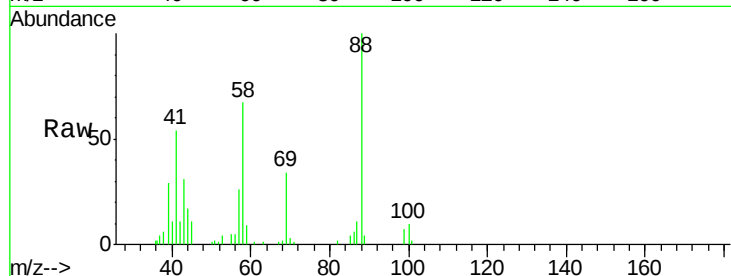




#49
1,4-Dioxane
Concen: 133.75 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

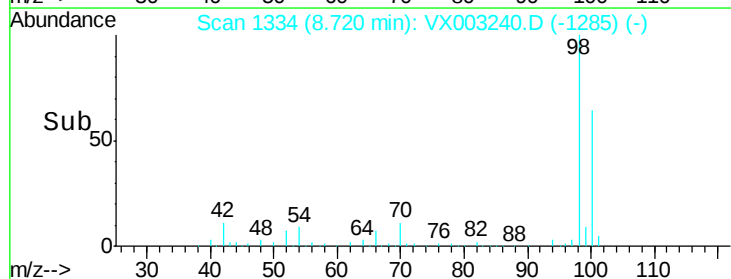
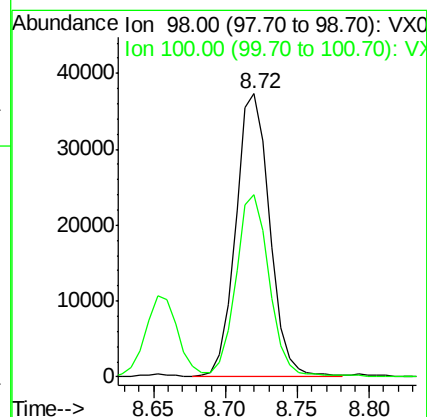
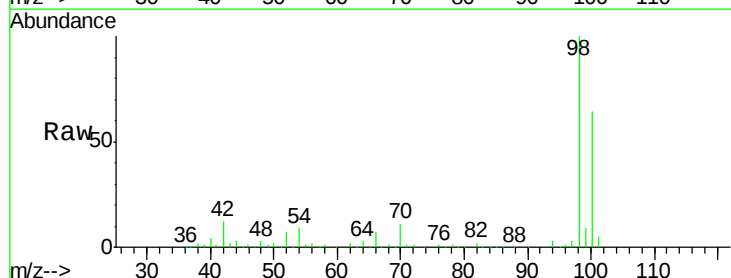
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 88 Resp: 8416
Ion Ratio Lower Upper
88 100
43 37.6 29.8 44.6
58 72.9 57.1 85.7



#50
Toluene-d8
Concen: 6.65 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion: 98 Resp: 60963
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3

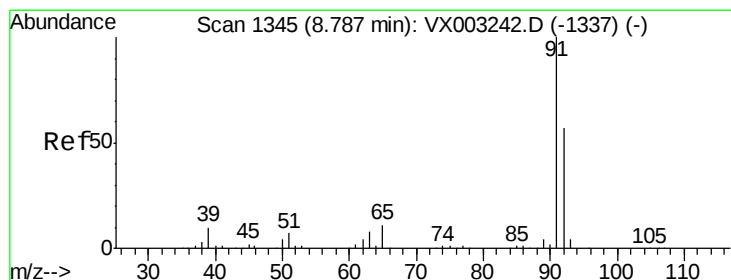
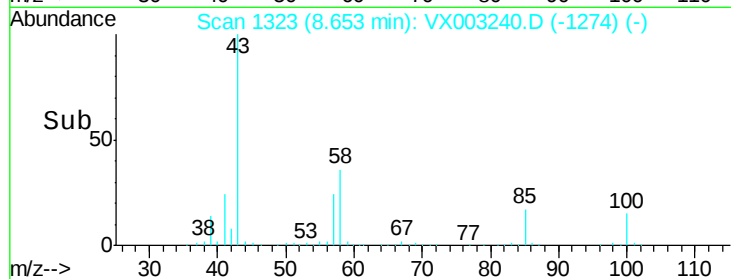
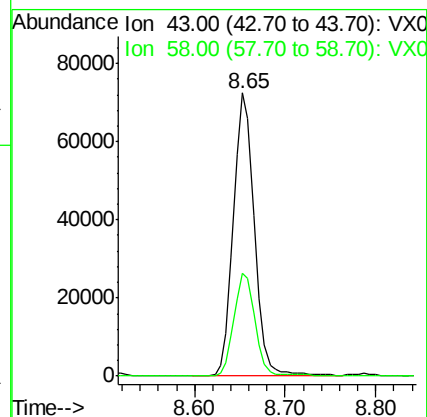
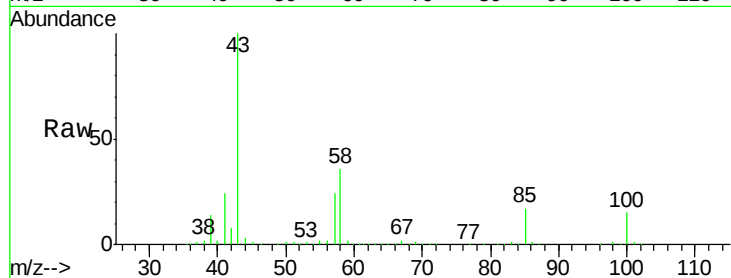




#51
 4-Methyl-2-Pentanone
 Concen: 29.66 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX003240.D
 Acq: 09 Jul 2018 11:49

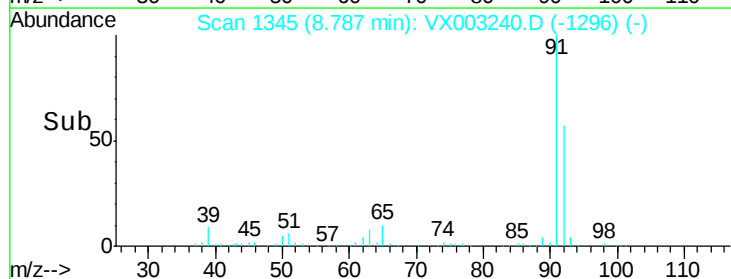
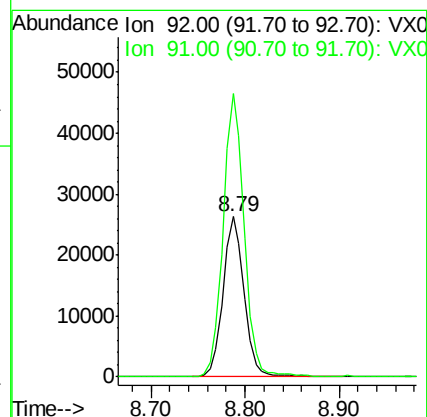
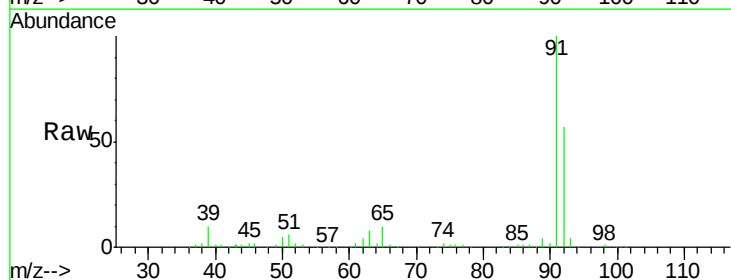
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

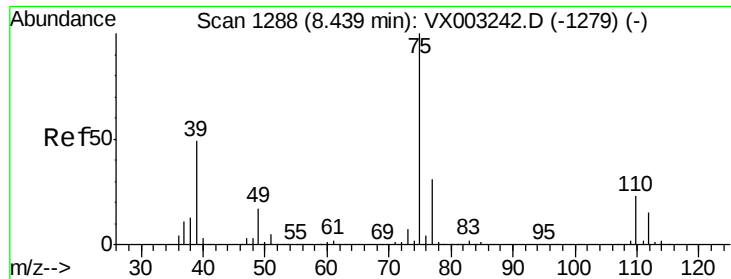
Tot Ion: 43 Resp: 116493
 Ion Ratio Lower Upper
 43 100
 58 36.3 28.6 42.8



#52
 Toluene
 Concen: 6.30 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003240.D
 Acq: 09 Jul 2018 11:49

Tgt Ion: 92 Resp: 40735
 Ion Ratio Lower Upper
 92 100
 91 176.5 140.4 210.6

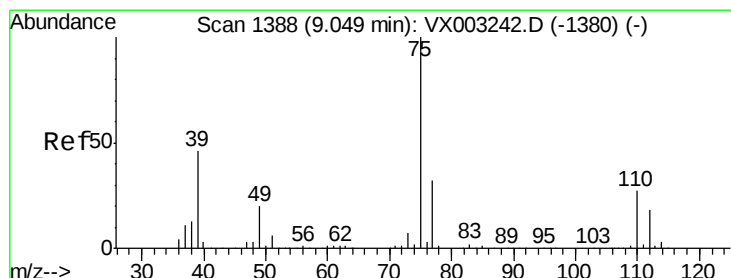
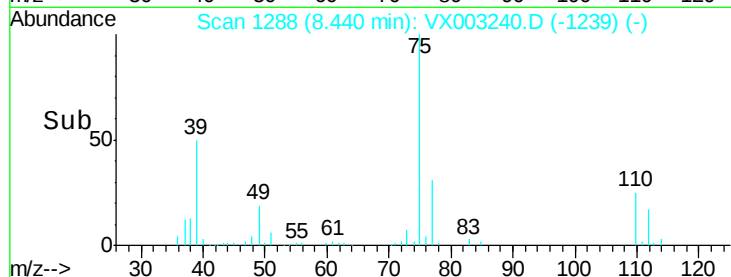
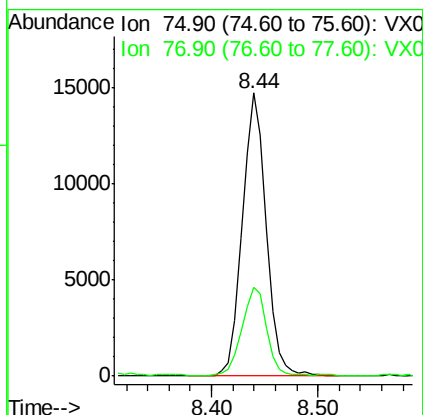
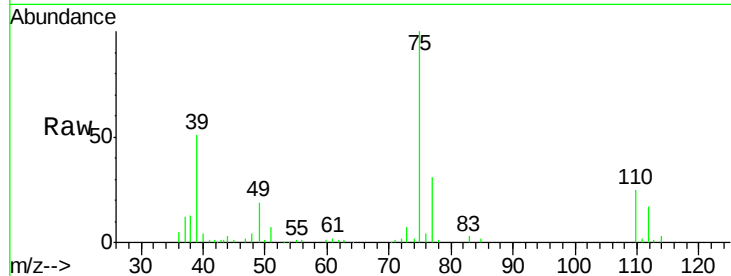




#53
t-1,3-Dichloropropene
Concen: 5.96 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

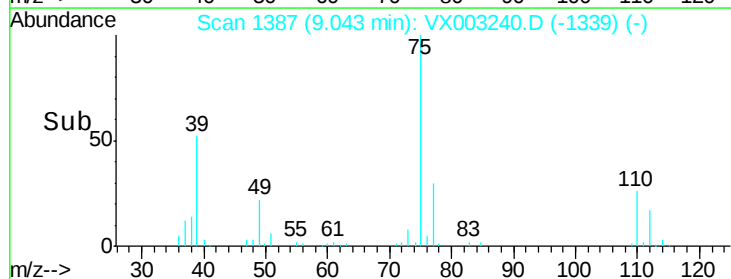
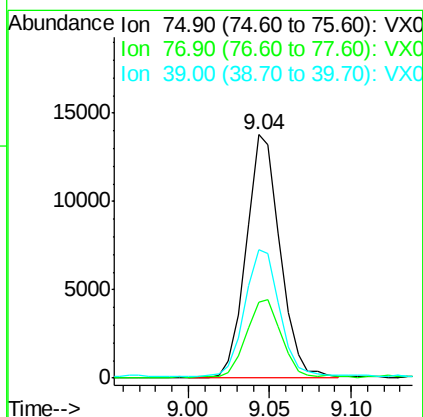
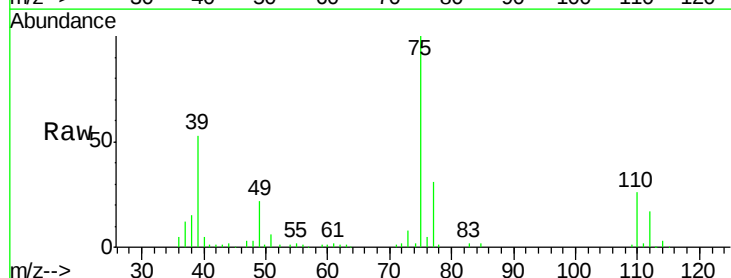
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

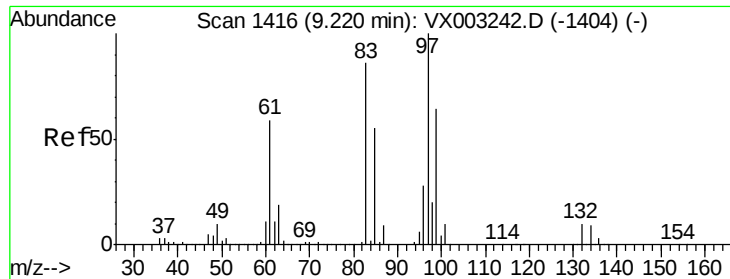
Tot Ion: 75 Resp: 23200
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 5.34 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion: 75 Resp: 20003
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 52.0 42.4 63.6

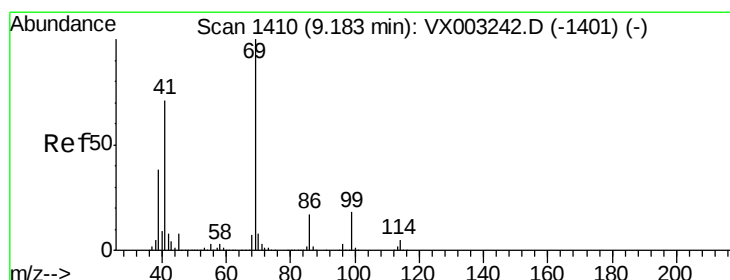
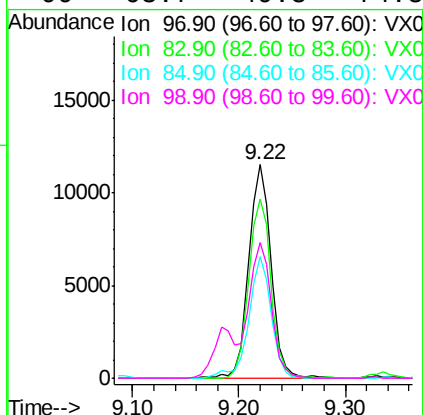
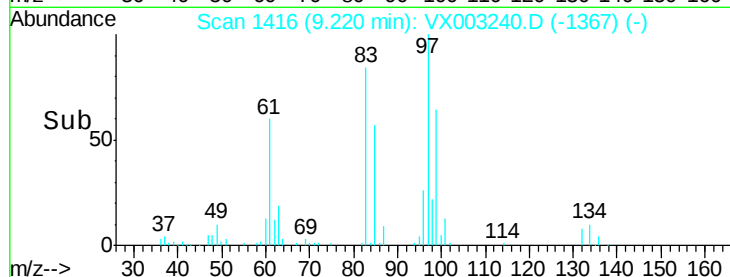
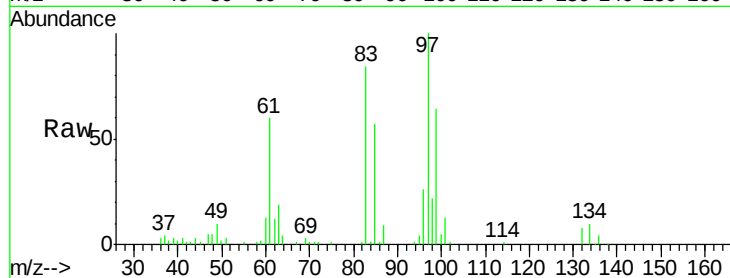




#55
 1,1,2-Trichloroethane
 Concen: 6.41 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003240.D
 Acq: 09 Jul 2018 11:49

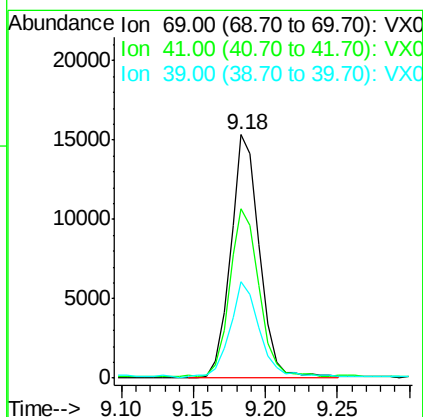
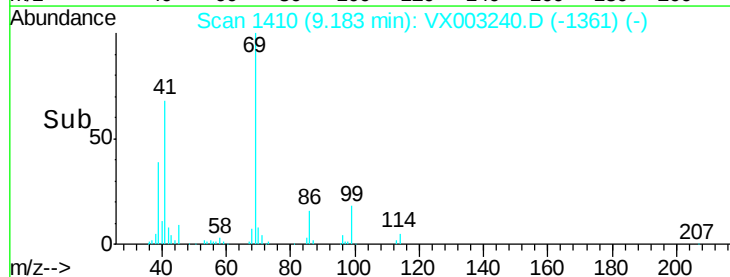
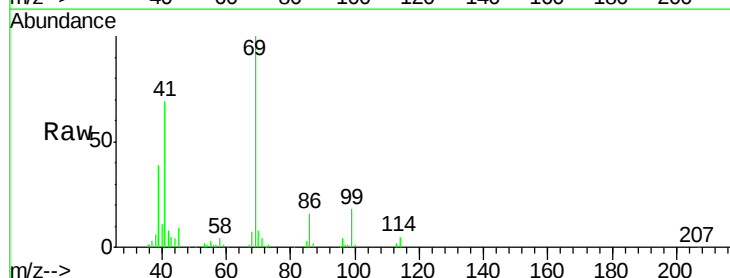
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	17051
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.2	105.2
85	56.8	44.9	67.3
99	63.7	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 5.56 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003240.D
 Acq: 09 Jul 2018 11:49

Tgt Ion:	69	Resp:	21591
Ion	Ratio	Lower	Upper
69	100		
41	69.8	60.3	90.5
39	40.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 6.37 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

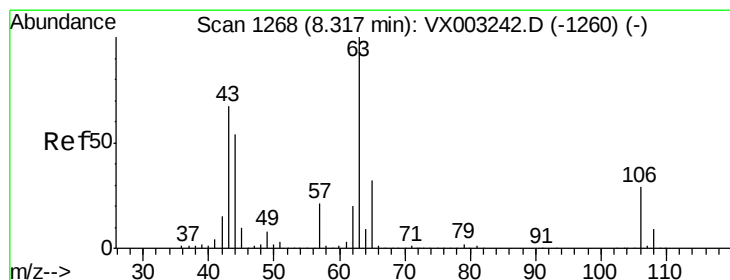
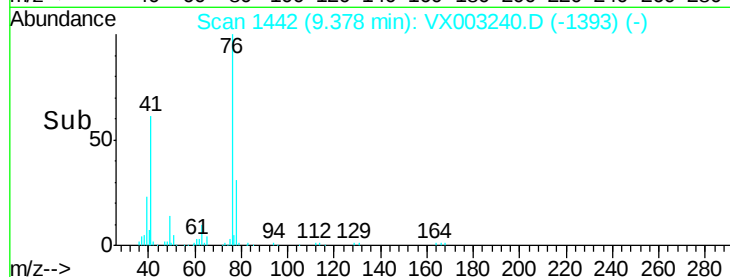
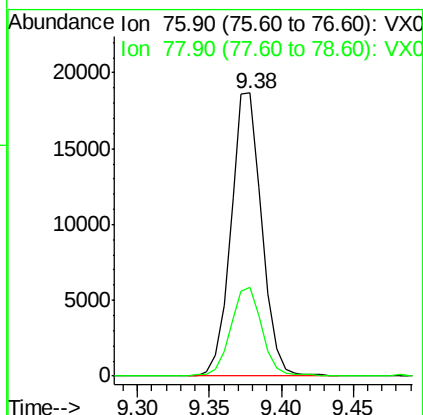
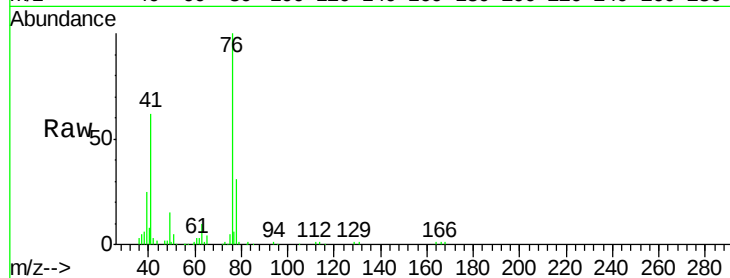
VSTDIC005

Tot Ion: 76 Resp: 27813

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 29.43 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003240.D

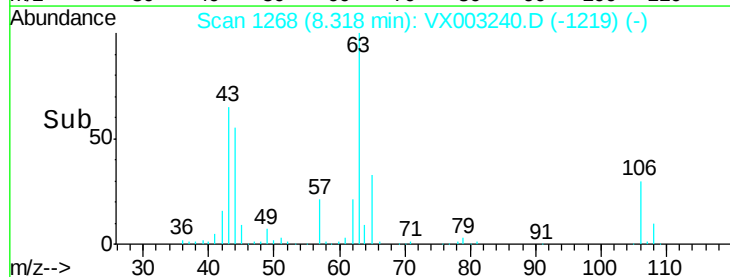
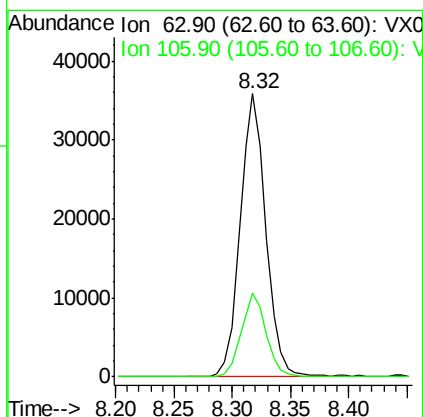
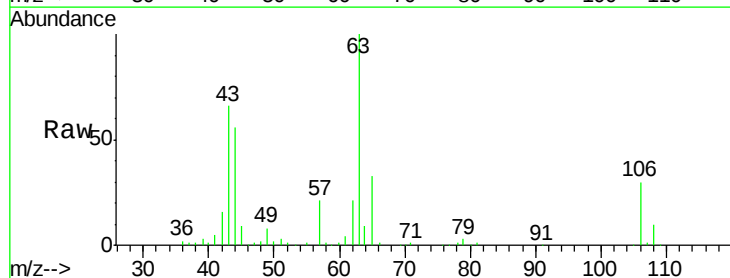
Acq: 09 Jul 2018 11:49

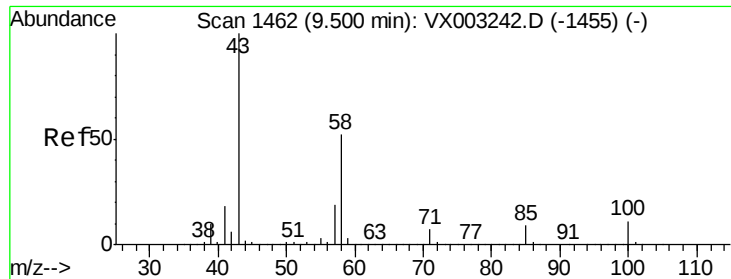
Tgt Ion: 63 Resp: 55169

Ion Ratio Lower Upper

63 100

106 28.6 21.8 32.8

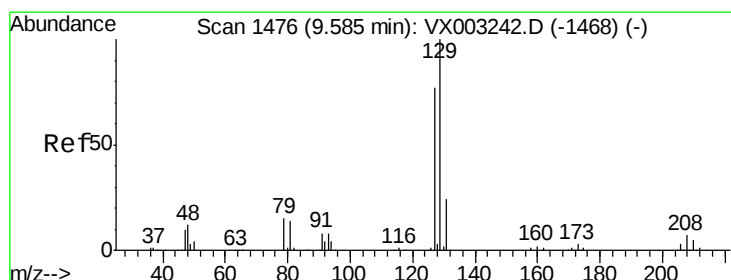
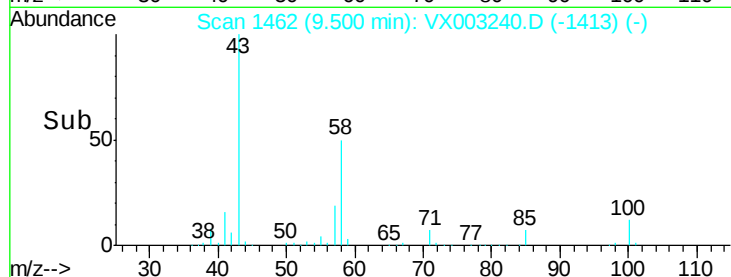
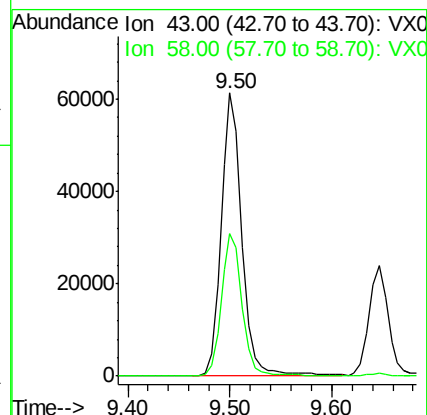
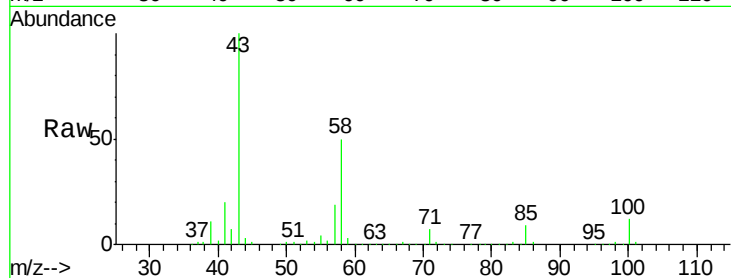




#59
2-Hexanone
Concen: 29.05 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

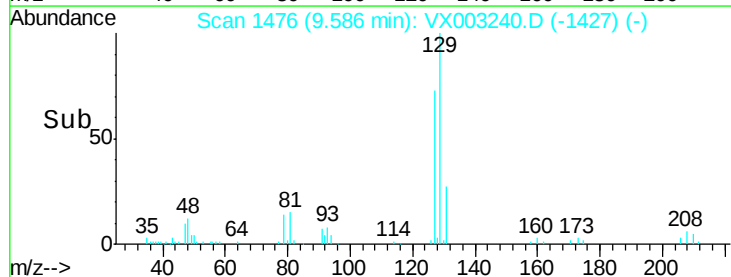
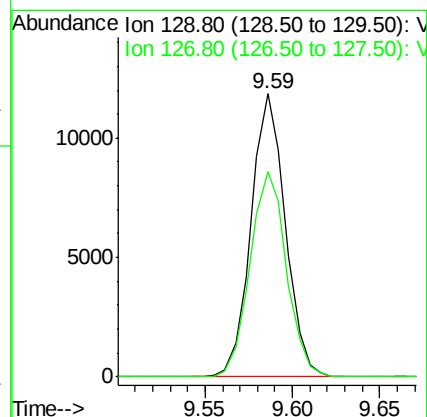
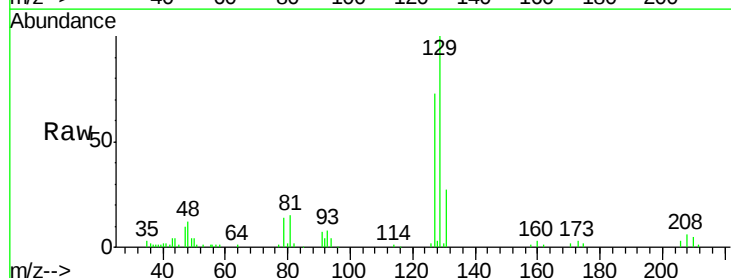
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

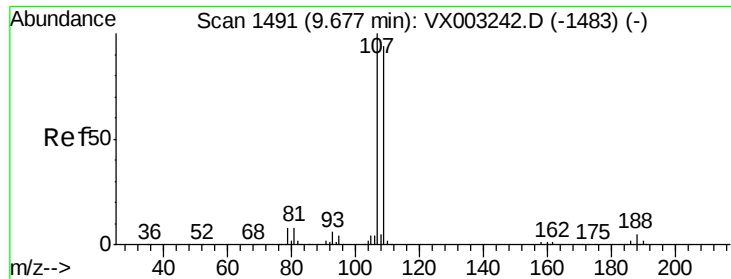
Tot Ion: 43 Resp: 86700
Ion Ratio Lower Upper
43 100
58 50.9 24.6 73.6



#60
Dibromochloromethane
Concen: 5.76 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion: 129 Resp: 16132
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 6.43 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

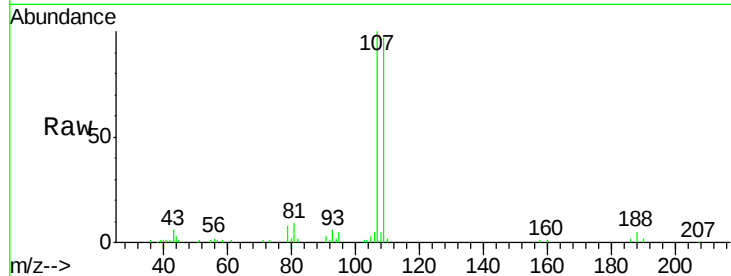
VSTDIC005

Tot Ion:107 Resp: 17939

Ion Ratio Lower Upper

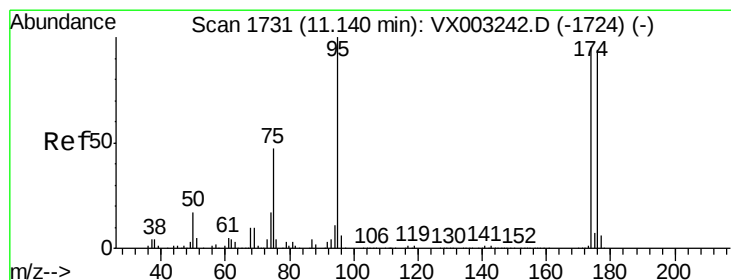
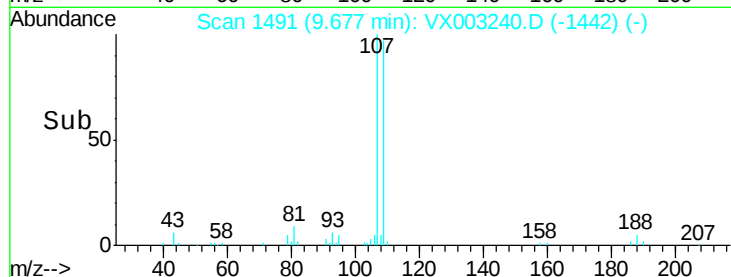
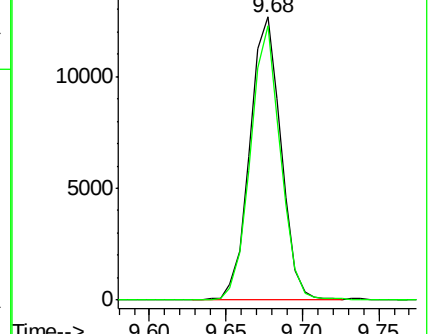
107 100

109 93.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

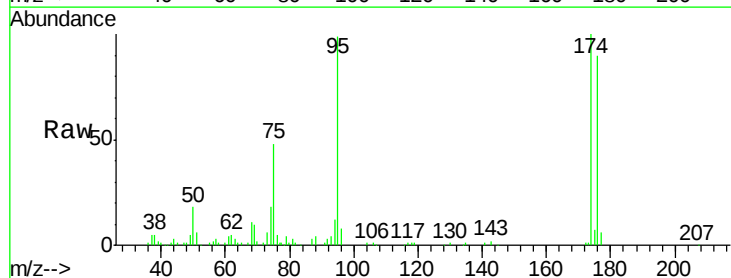
Tgt Ion: 95 Resp: 20860

Ion Ratio Lower Upper

95 100

174 100.9 0.0 187.4

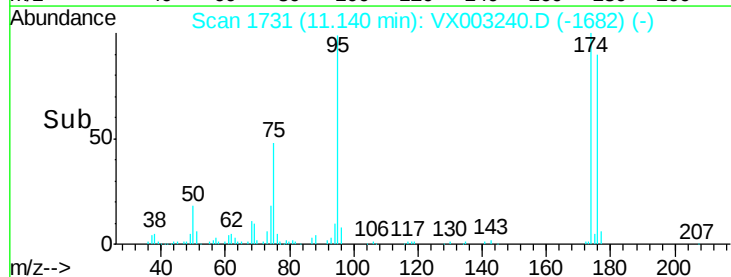
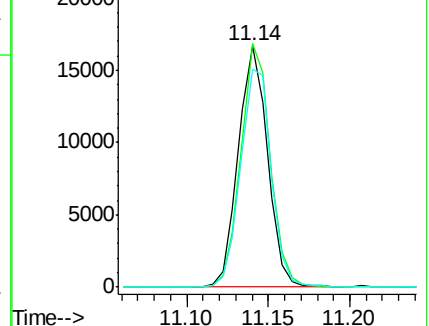
176 94.8 0.0 181.0

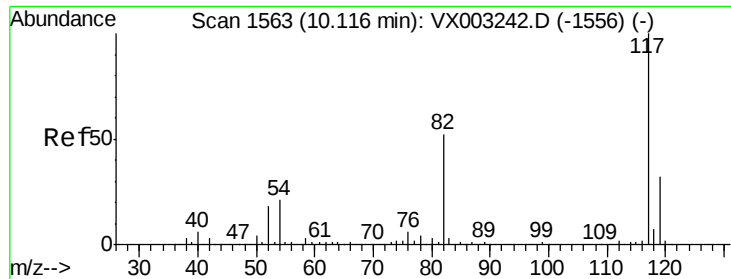


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

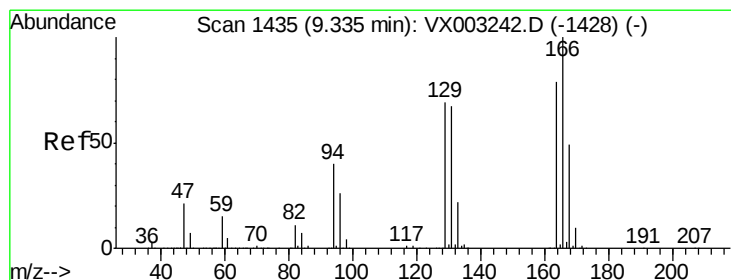
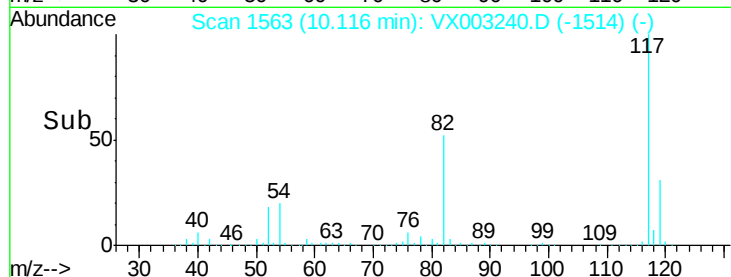
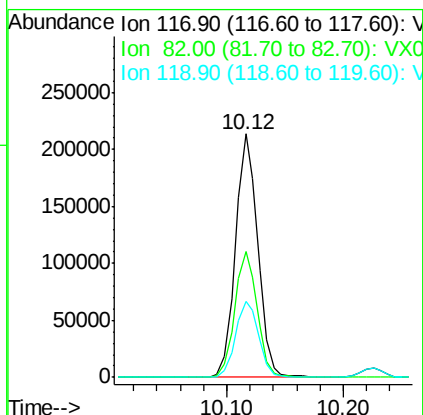
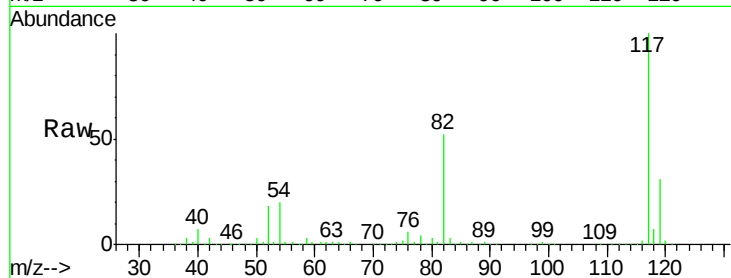




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

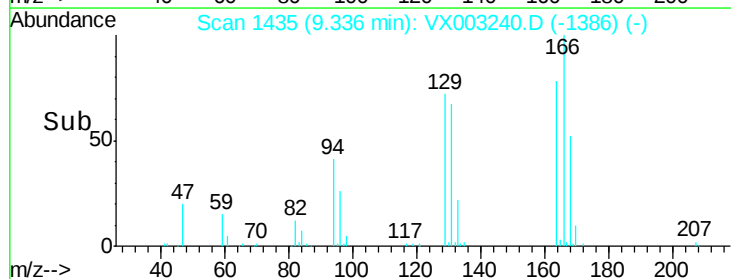
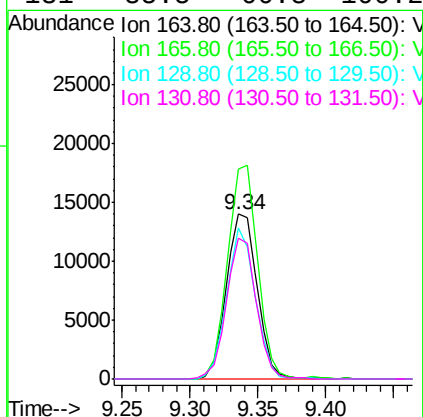
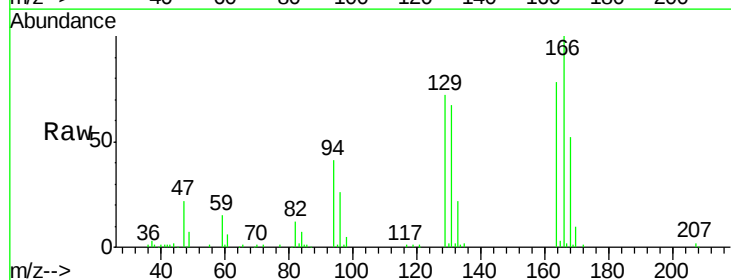
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

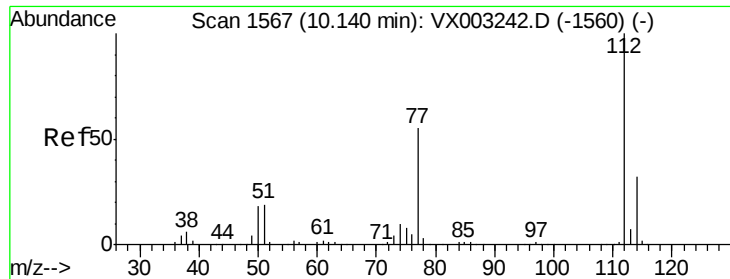
Tot Ion:117 Resp: 285351
Ion Ratio Lower Upper
117 100
82 51.9 45.0 67.4
119 31.3 25.8 38.6



#64
Tetrachloroethene
Concen: 6.98 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion:164 Resp: 22157
Ion Ratio Lower Upper
164 100
166 127.5 102.9 154.3
129 91.6 68.6 102.8
131 85.5 66.8 100.2

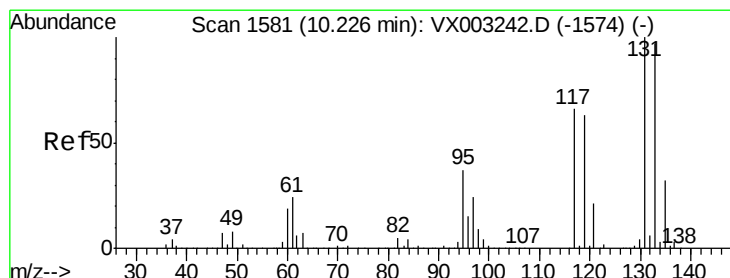
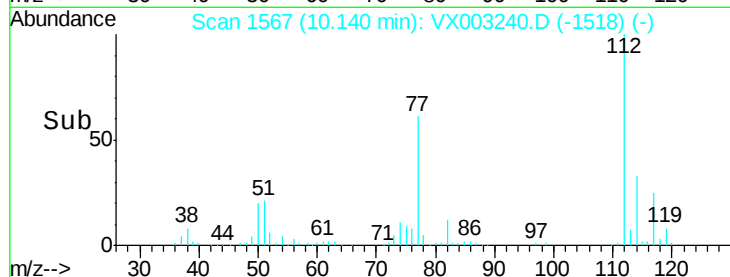
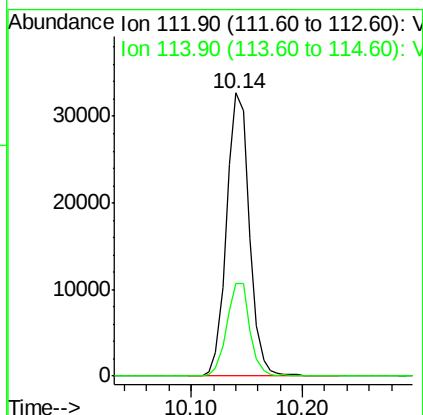
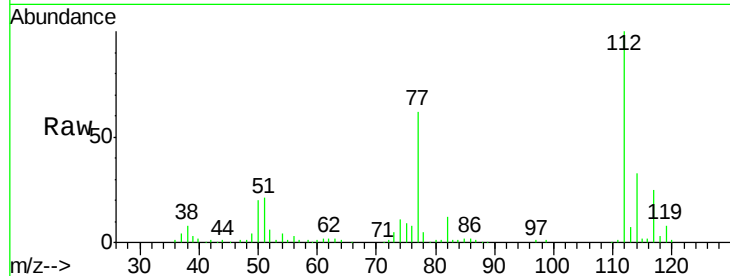




#65
Chlorobenzene
Concen: 6.43 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

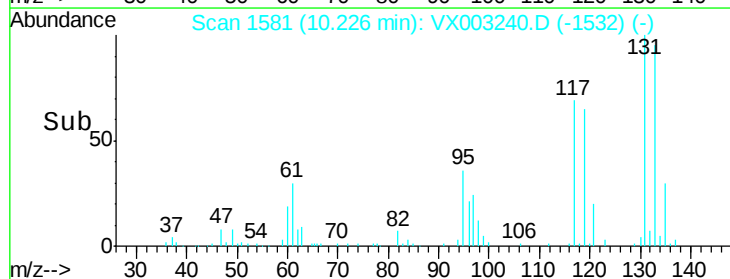
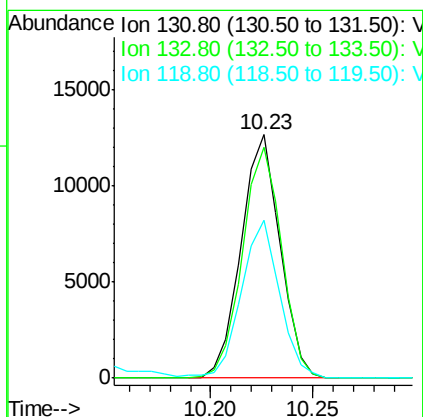
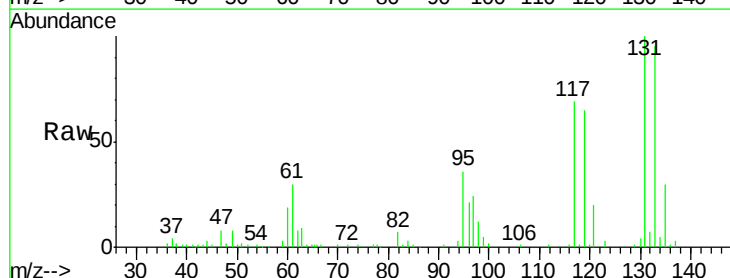
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

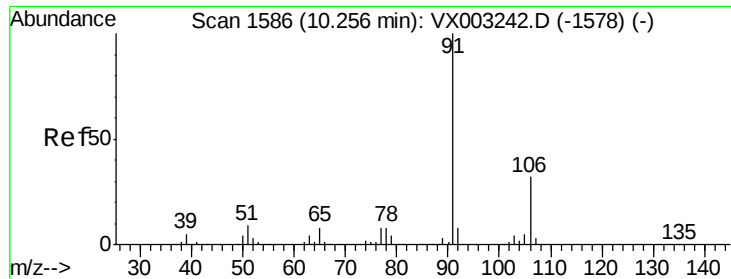
Tot Ion:112 Resp: 46602
Ion Ratio Lower Upper
112 100
114 32.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 6.37 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion:131 Resp: 16781
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 64.4 31.8 95.3

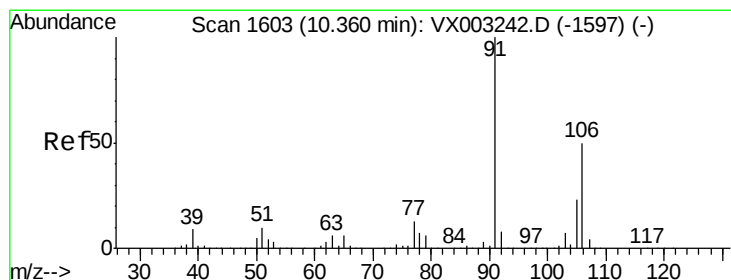
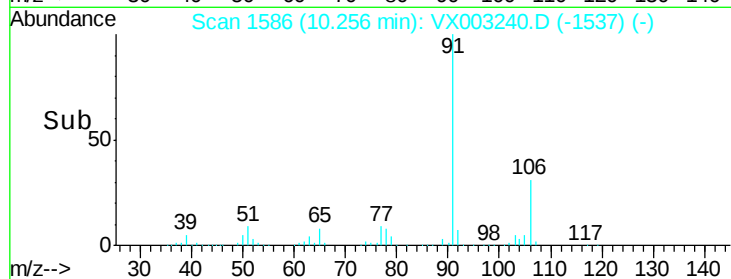
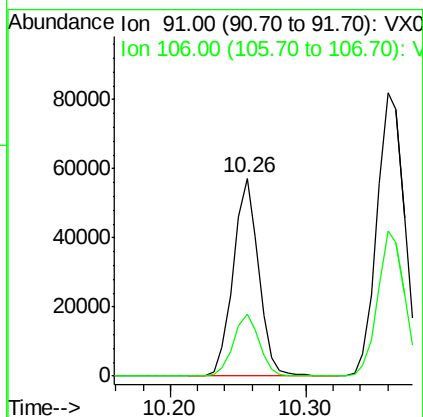
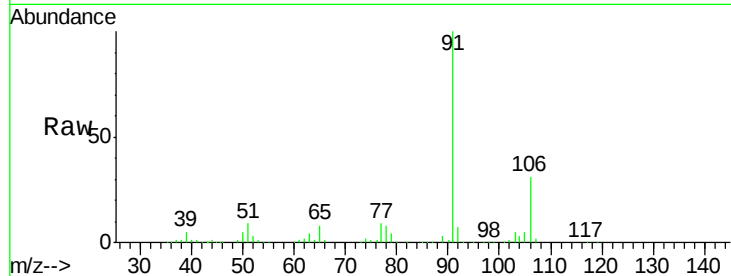




#67
Ethyl Benzene
Concen: 6.22 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

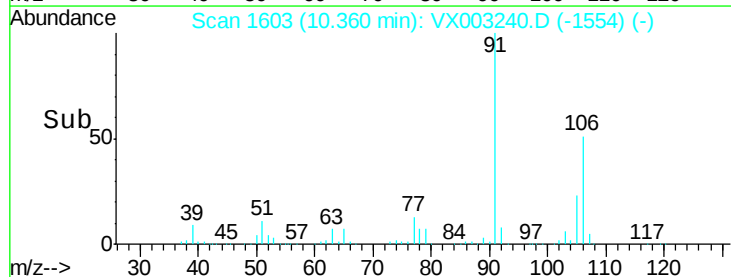
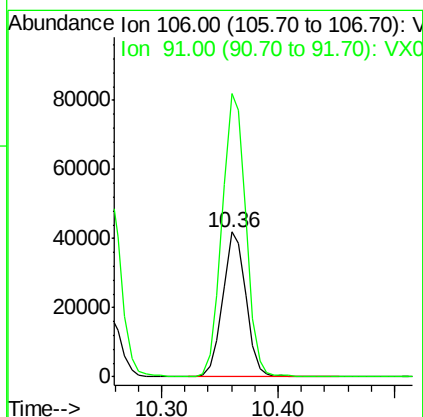
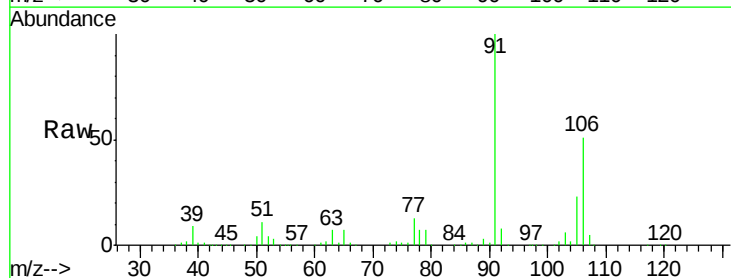
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

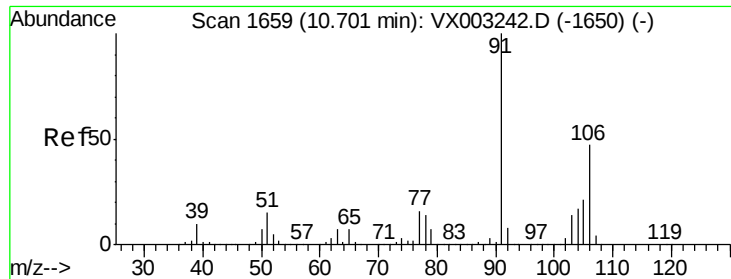
Tot Ion: 91 Resp: 74441
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3



#68
m/p-Xylenes
Concen: 12.52 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion: 106 Resp: 57789
Ion Ratio Lower Upper
106 100
91 199.1 163.4 245.2

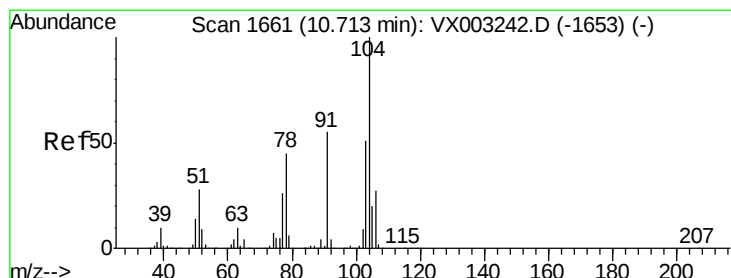
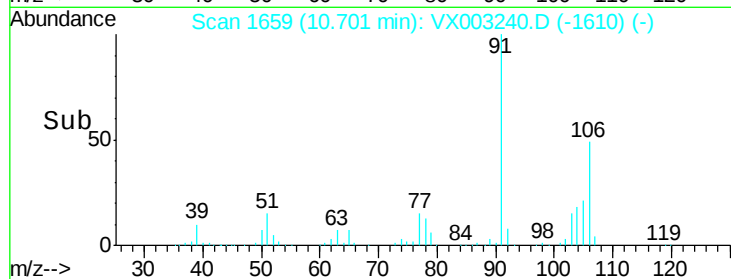
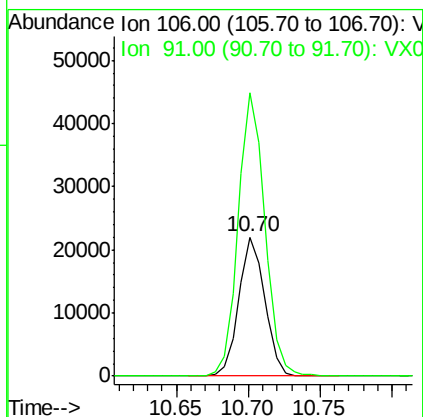
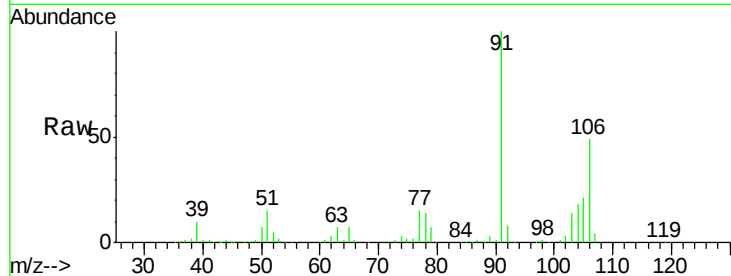




#69
o-Xylene
Concen: 6.18 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

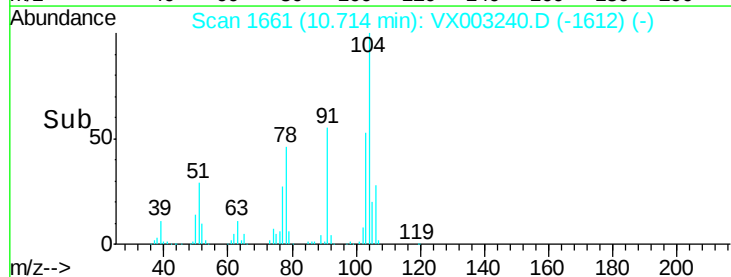
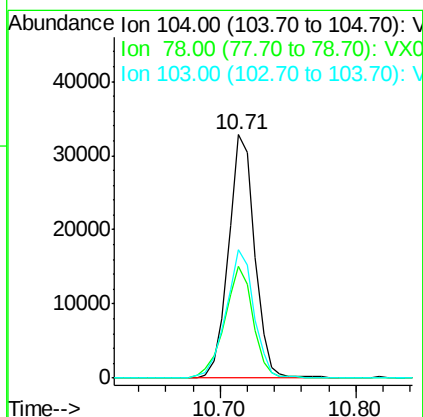
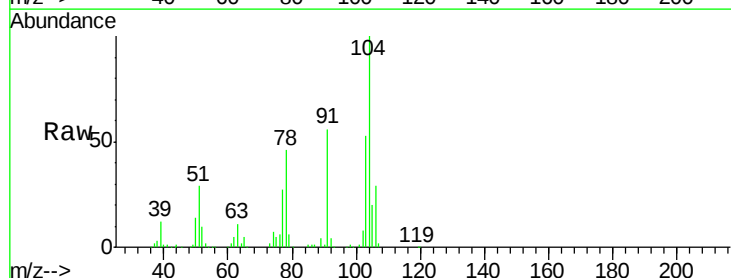
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 27786
Ion Ratio Lower Upper
106 100
91 209.6 108.2 324.6



#70
Styrene
Concen: 6.00 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion:104 Resp: 43776
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 56.8 44.2 66.4





#71

Bromoform

Concen: 5.88 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

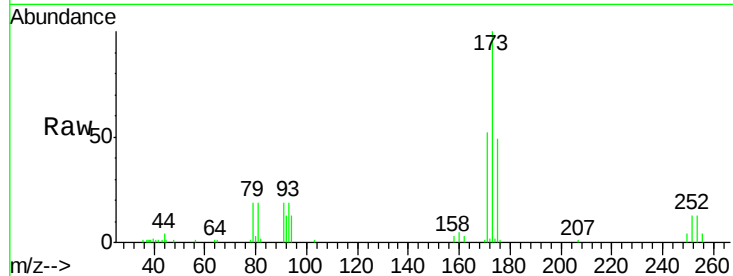
Tot Ion:173 Resp: 12167

Ion Ratio Lower Upper

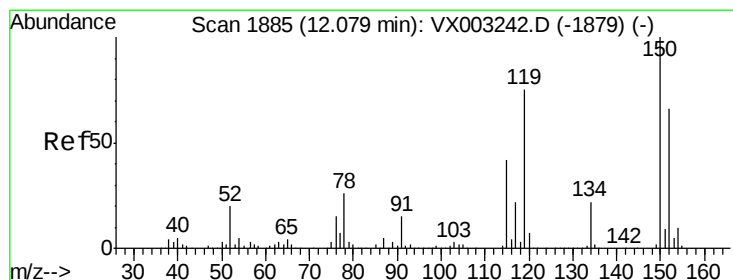
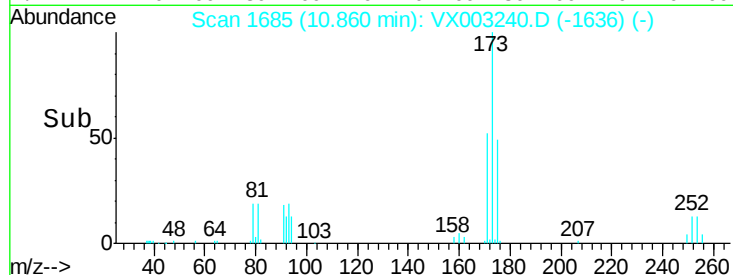
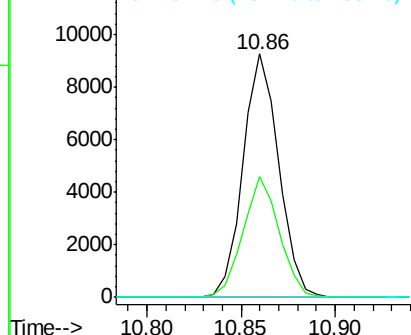
173 100

175 50.2 24.7 74.1

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

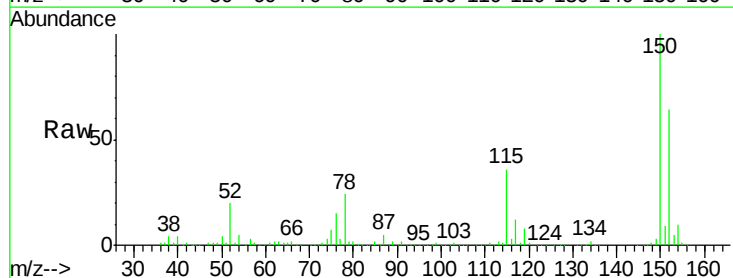
Tgt Ion:152 Resp: 194258

Ion Ratio Lower Upper

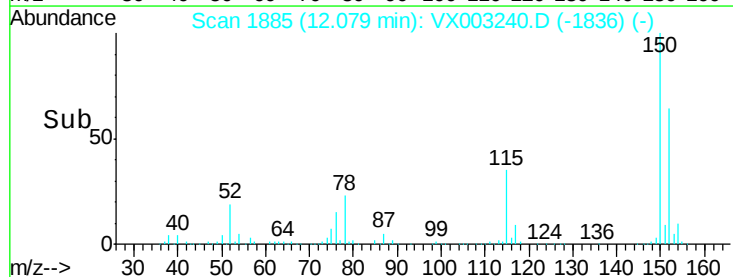
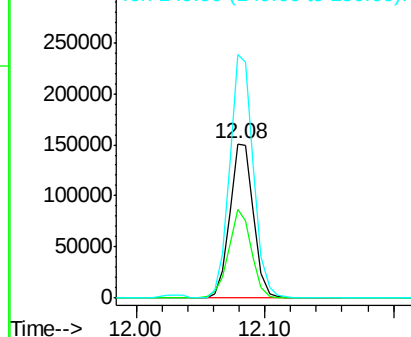
152 100

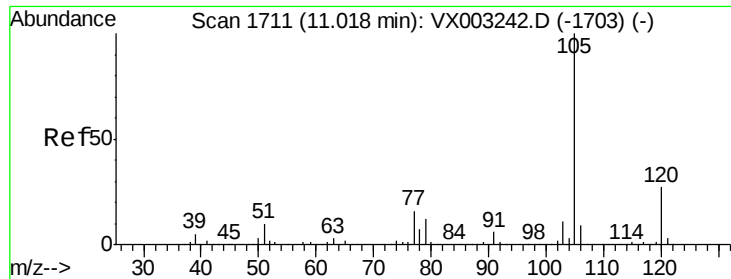
115 55.9 40.1 120.2

150 158.6 0.0 347.2



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





#73

Isopropylbenzene

Concen: 5.72 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

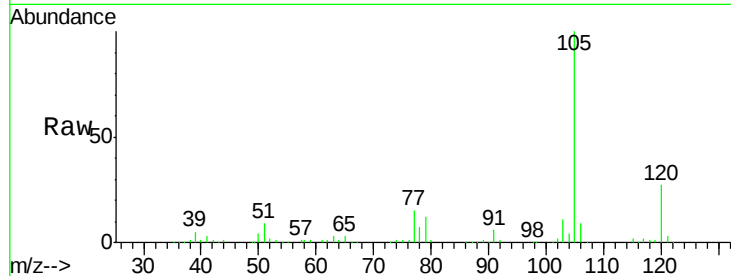
VSTDIC005

Tot Ion:105 Resp: 74811

Ion Ratio Lower Upper

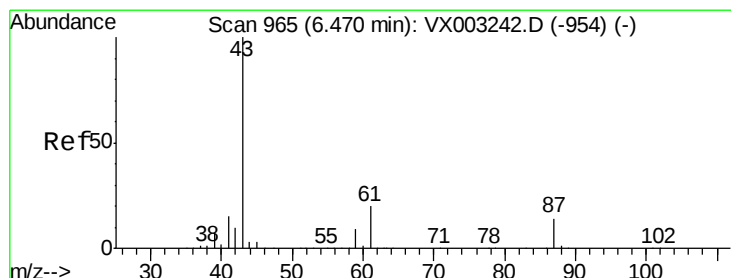
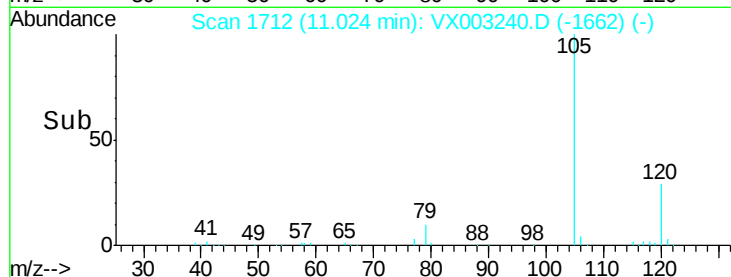
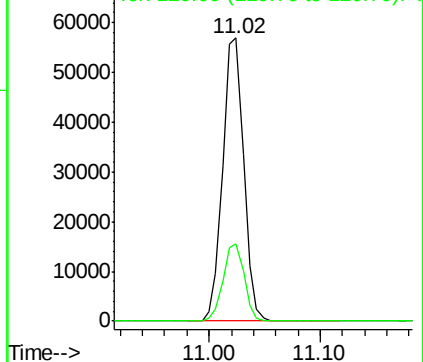
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.69 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Tgt Ion: 43 Resp: 36401

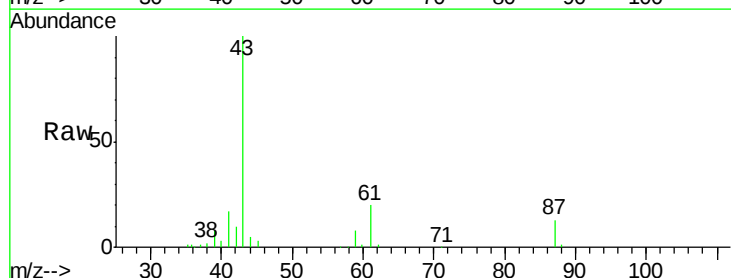
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.2 14.4 21.6

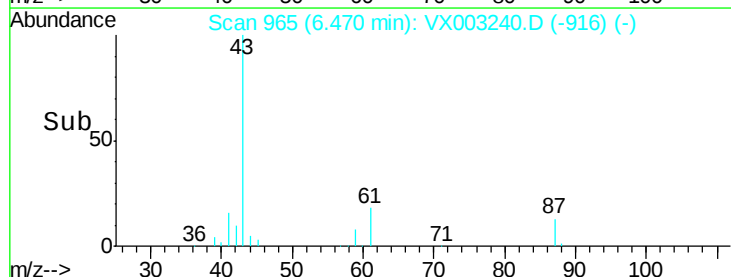
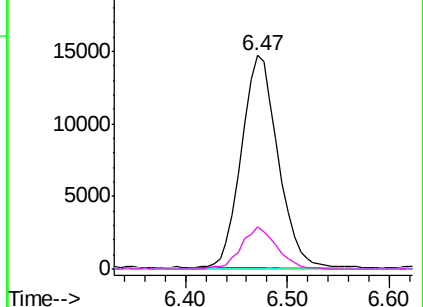


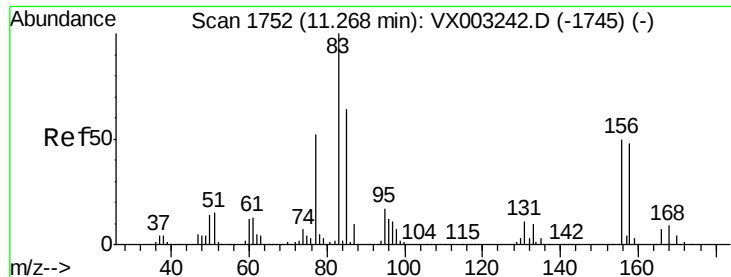
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 6.17 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

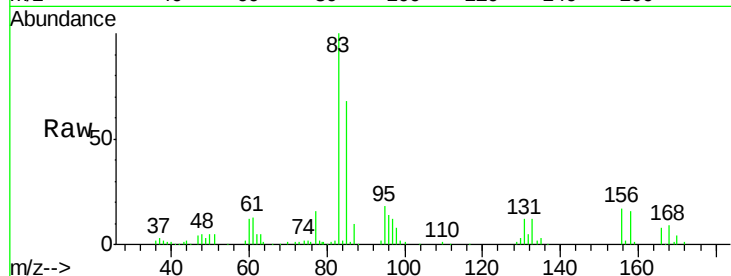
Tot Ion: 83 Resp: 24845

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

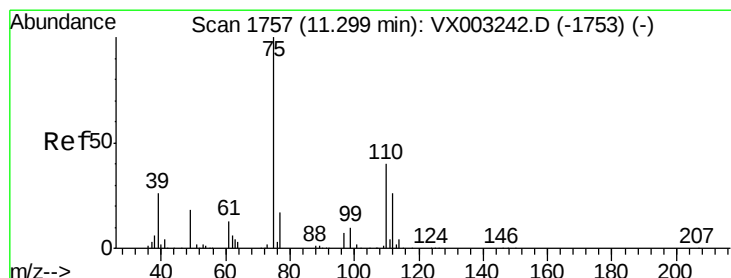
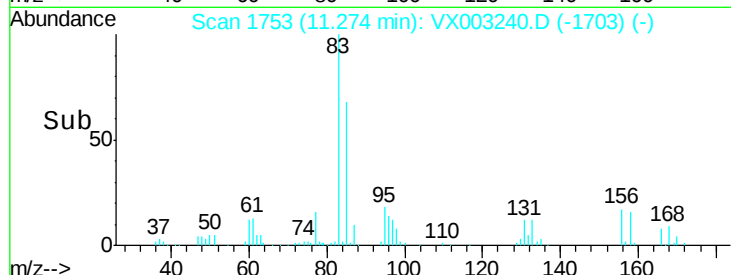
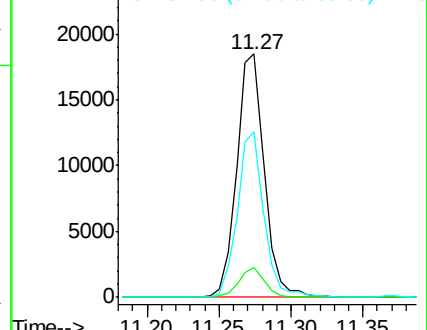
85 65.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 7.61 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003240.D

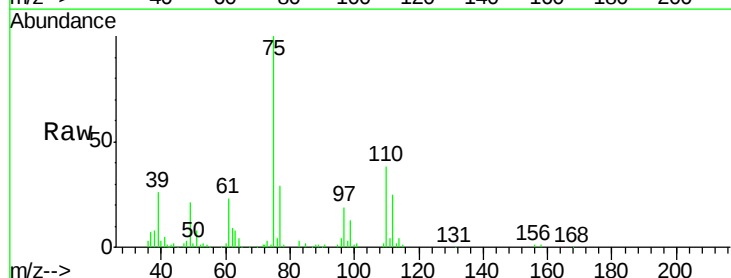
Acq: 09 Jul 2018 11:49

Tgt Ion: 75 Resp: 26781

Ion Ratio Lower Upper

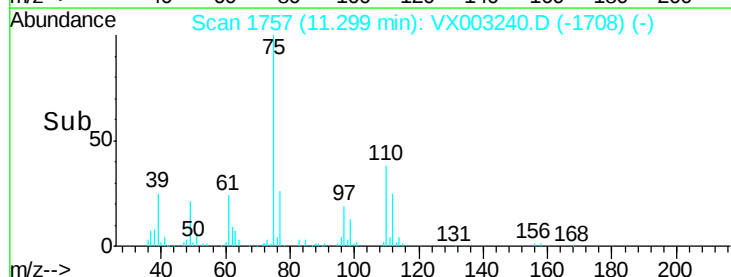
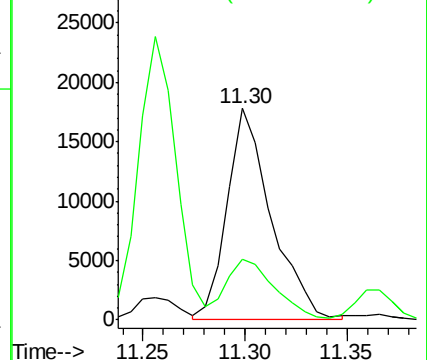
75 100

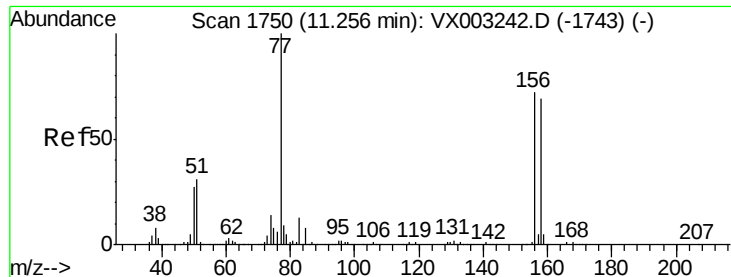
77 31.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.96 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

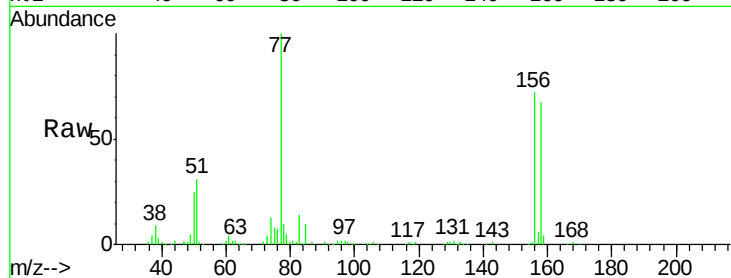
Tot Ion:156 Resp: 22195

Ion Ratio Lower Upper

156 100

77 137.5 71.4 214.2

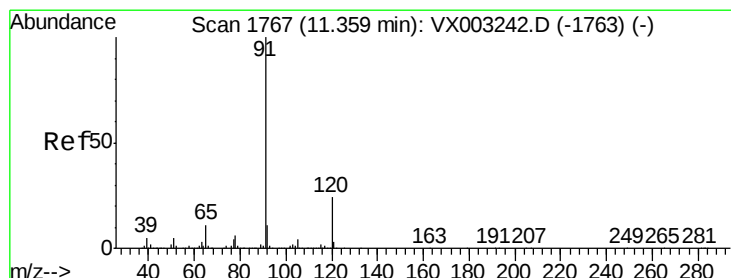
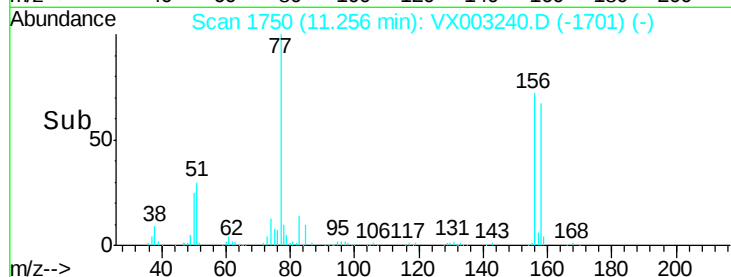
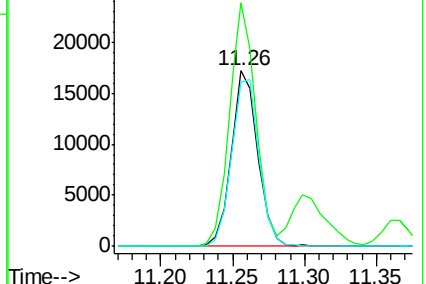
158 99.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003240.D

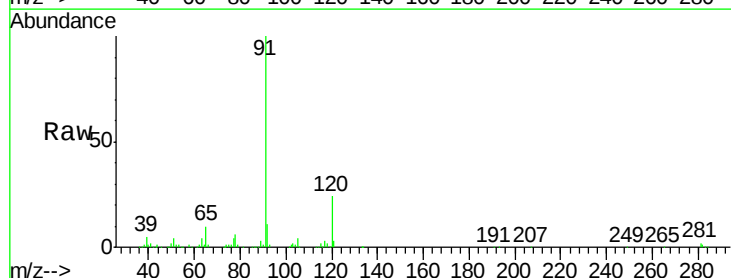
Acq: 09 Jul 2018 11:49

Tgt Ion: 91 Resp: 83203

Ion Ratio Lower Upper

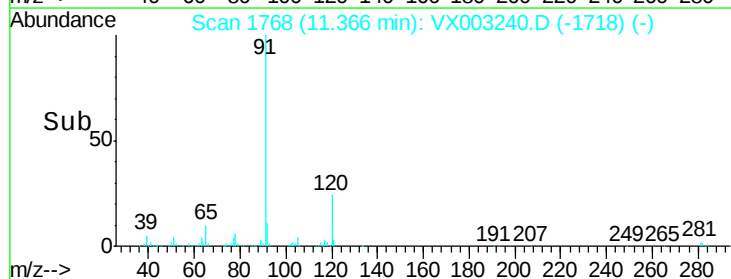
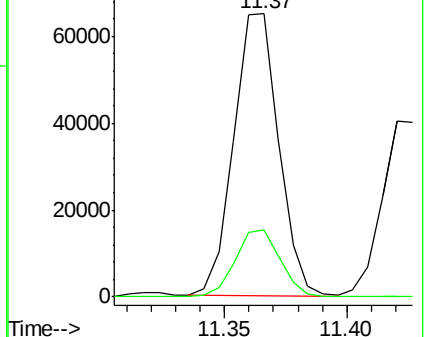
91 100

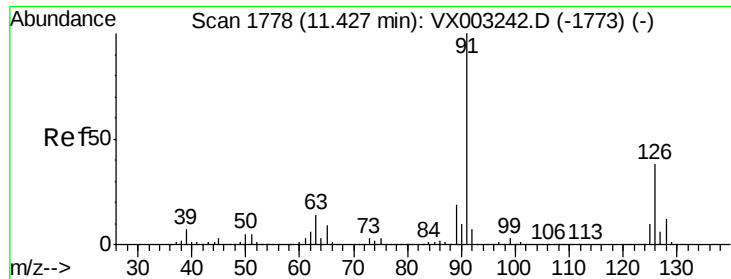
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.88 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

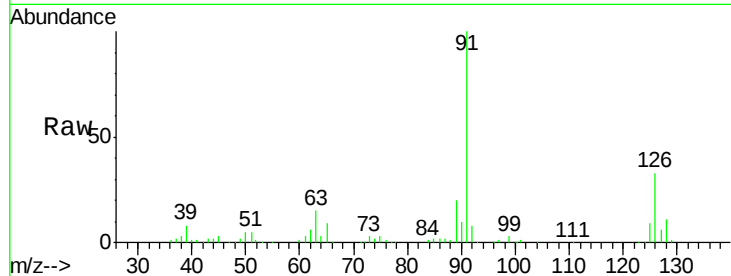
VSTDIC005

Tot Ion: 91 Resp: 52974

Ion Ratio Lower Upper

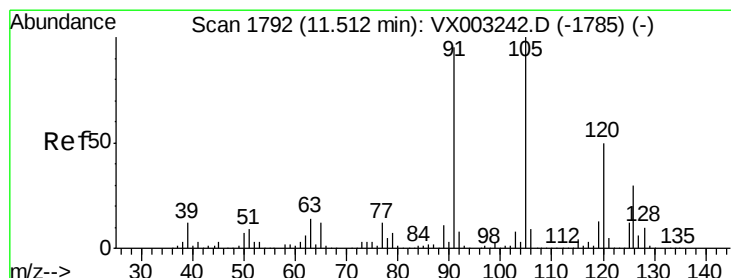
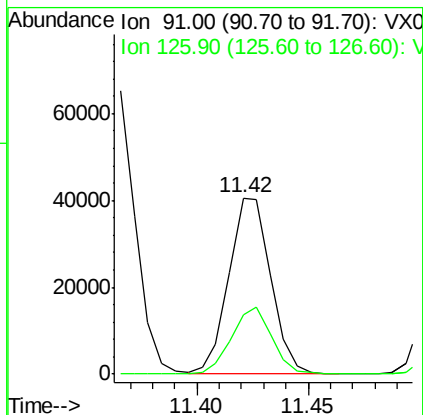
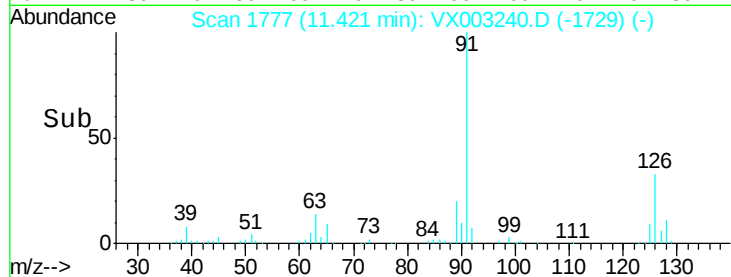
91 100

126 36.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 5.65 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003240.D

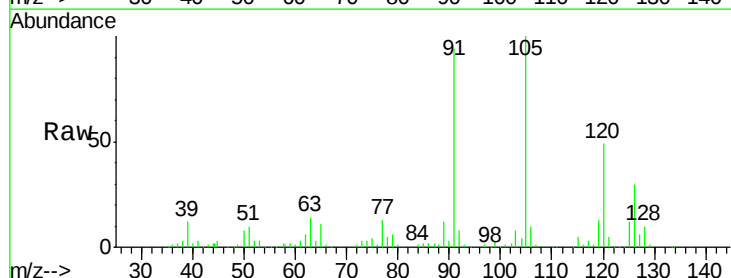
Acq: 09 Jul 2018 11:49

Tgt Ion: 105 Resp: 62235

Ion Ratio Lower Upper

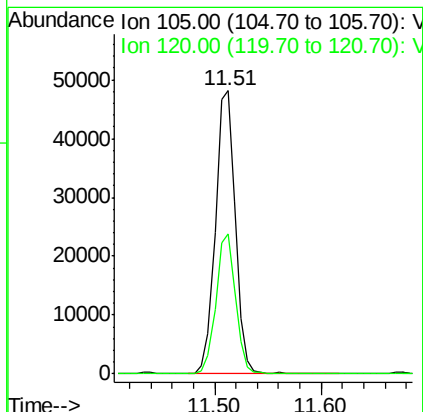
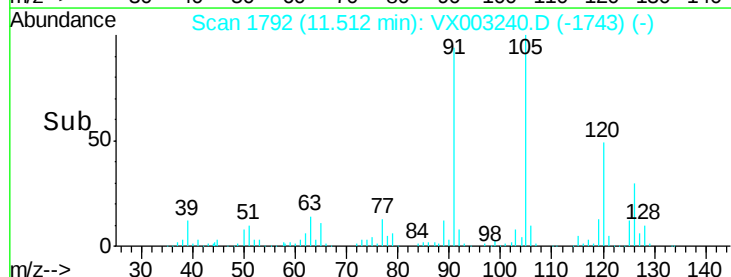
105 100

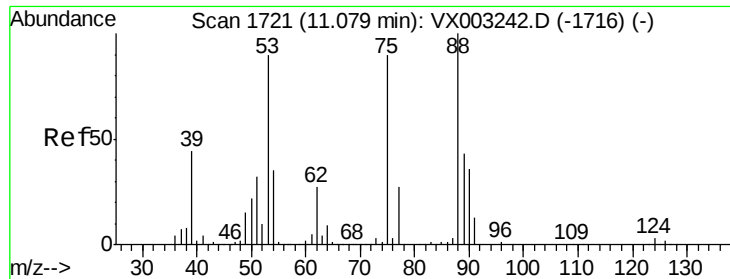
120 48.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 5.21 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

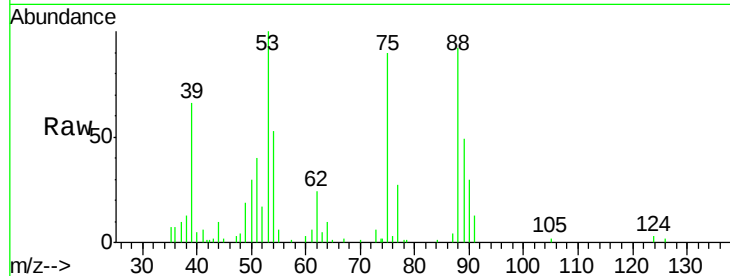
Tot Ion: 75 Resp: 5407

Ion Ratio Lower Upper

75 100

53 117.7 86.8 130.2

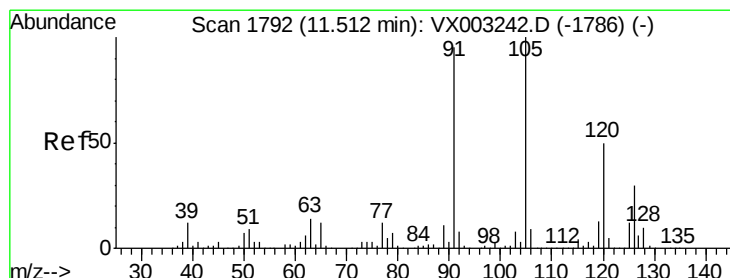
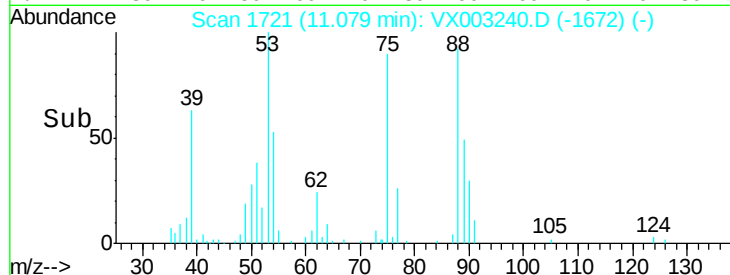
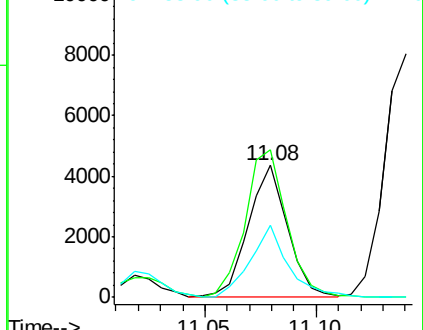
89 52.4 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 5.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003240.D

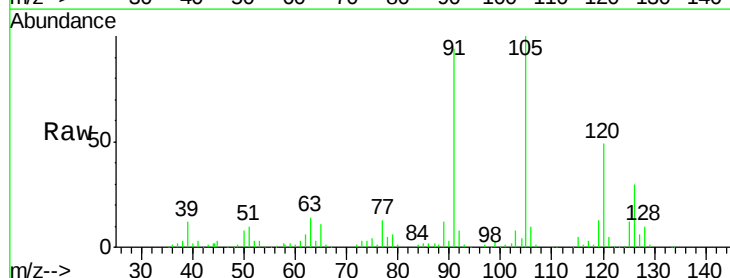
Acq: 09 Jul 2018 11:49

Tgt Ion: 91 Resp: 60114

Ion Ratio Lower Upper

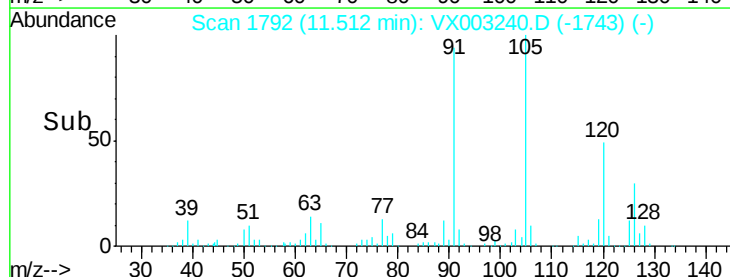
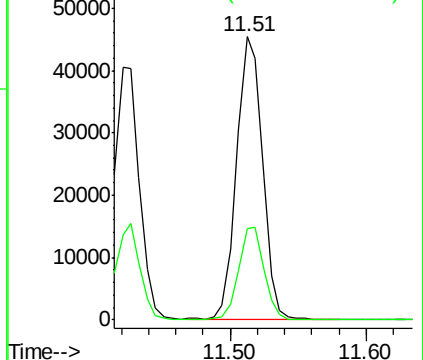
91 100

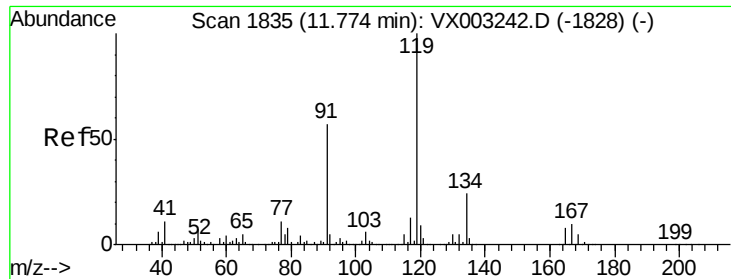
126 32.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

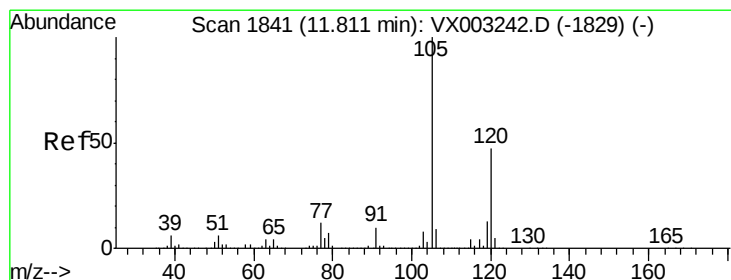
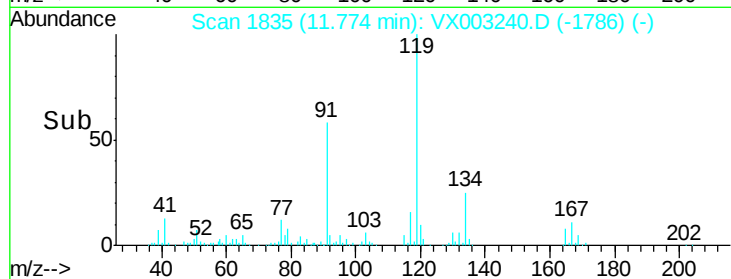
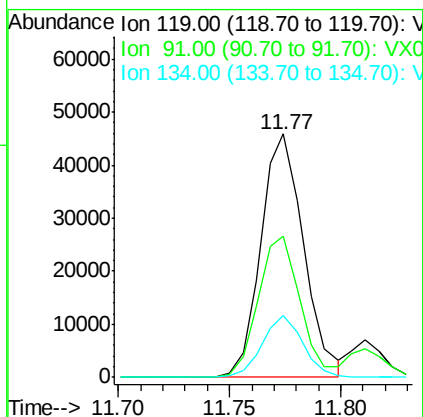
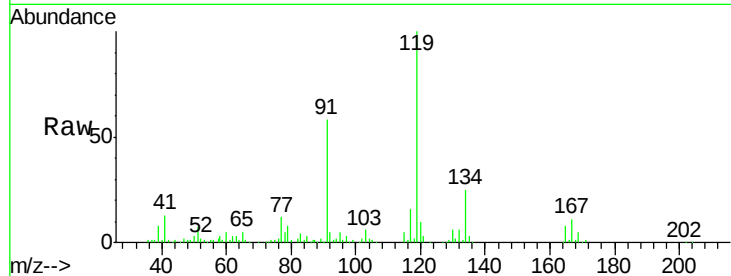




#83
 tert-Butylbenzene
 Concen: 5.63 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003240.D
 Acq: 09 Jul 2018 11:49

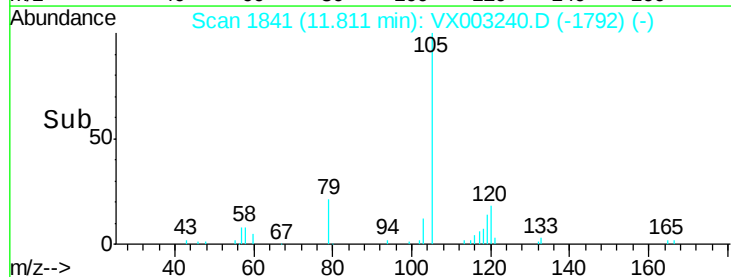
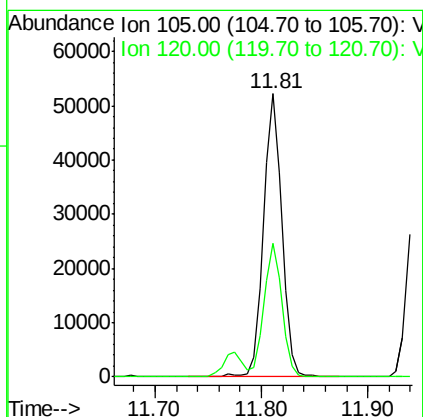
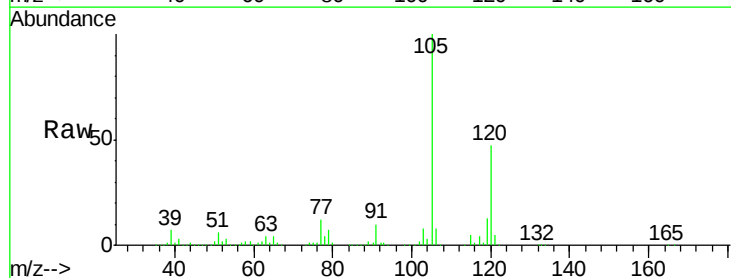
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

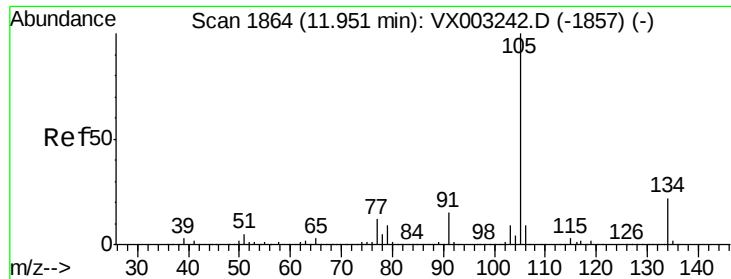
Tot Ion:119 Resp: 61107
 Ion Ratio Lower Upper
 119 100
 91 57.8 30.3 90.9
 134 24.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.56 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003240.D
 Acq: 09 Jul 2018 11:49

Tgt Ion:105 Resp: 63427
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 5.49 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

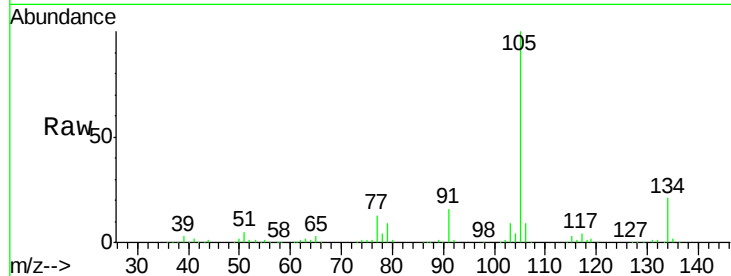
VSTDIC005

Tot Ion:105 Resp: 72285

Ion Ratio Lower Upper

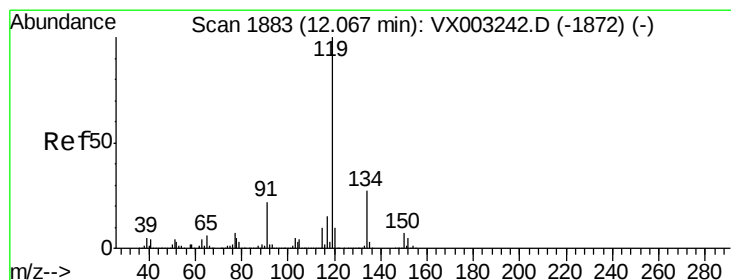
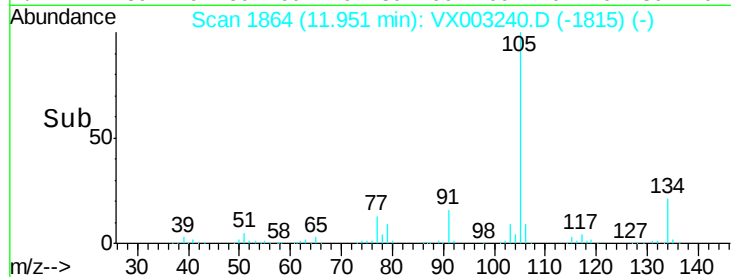
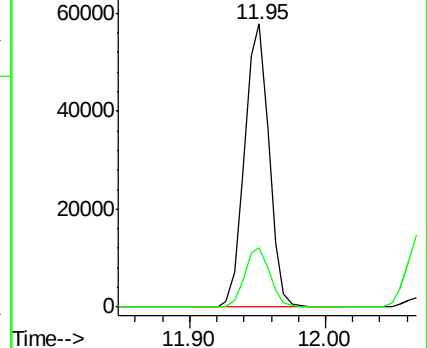
105 100

134 21.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.52 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

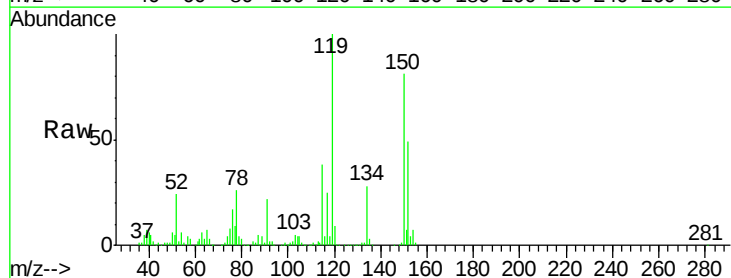
Tgt Ion:119 Resp: 65325

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

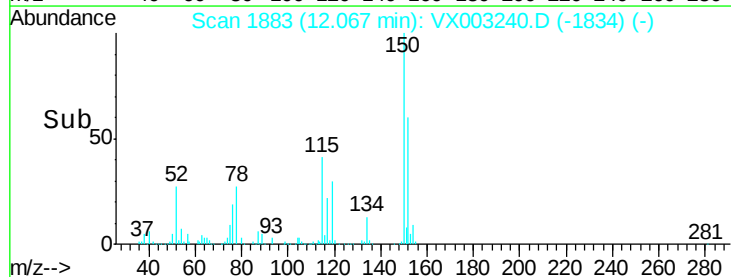
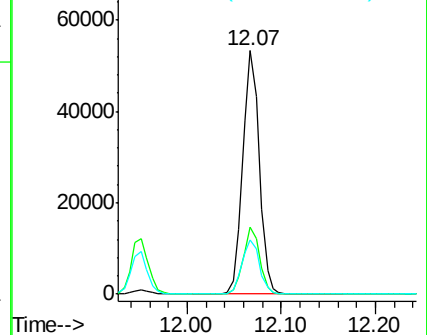
91 23.8 11.9 35.7

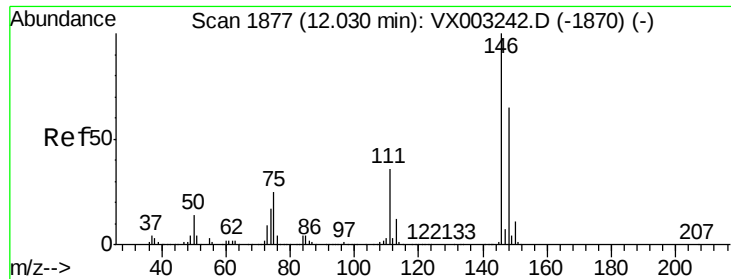


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.84 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

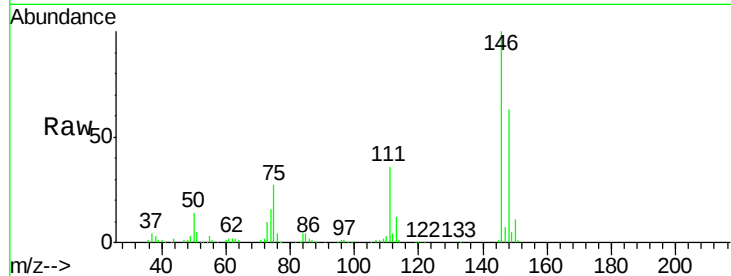
Tot Ion:146 Resp: 39717

Ion Ratio Lower Upper

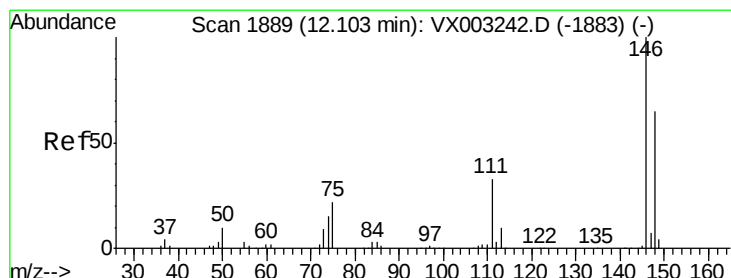
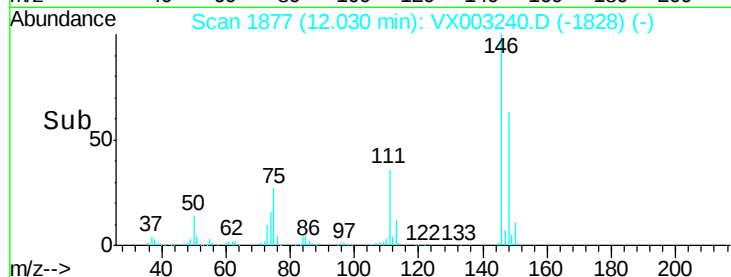
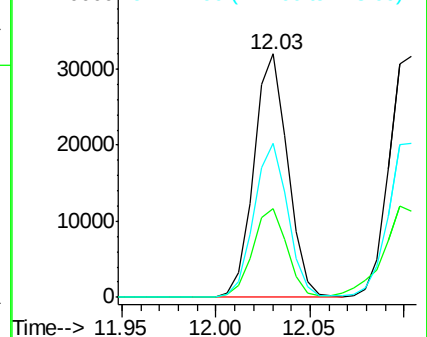
146 100

111 37.0 18.9 56.7

148 63.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.85 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

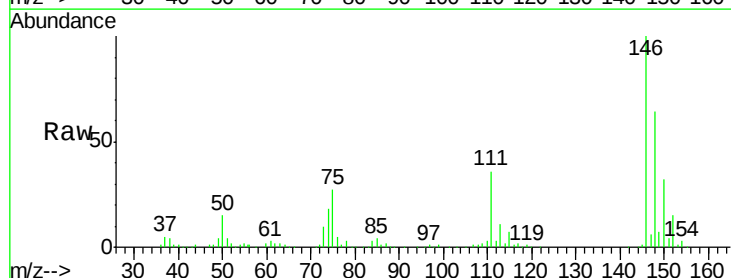
Tgt Ion:146 Resp: 40899

Ion Ratio Lower Upper

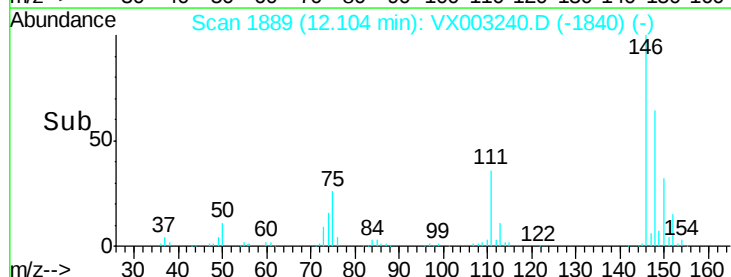
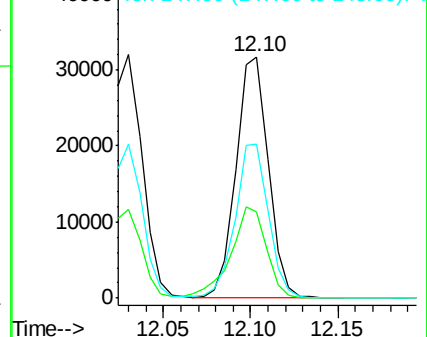
146 100

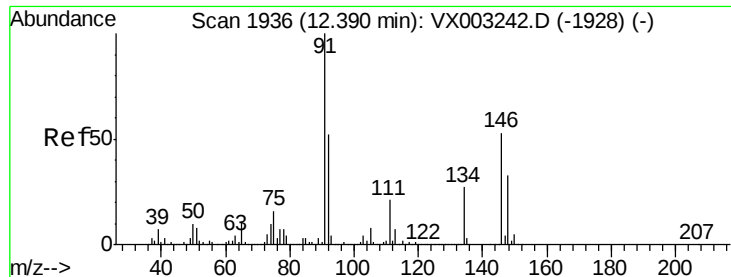
111 42.0 18.7 56.1

148 65.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

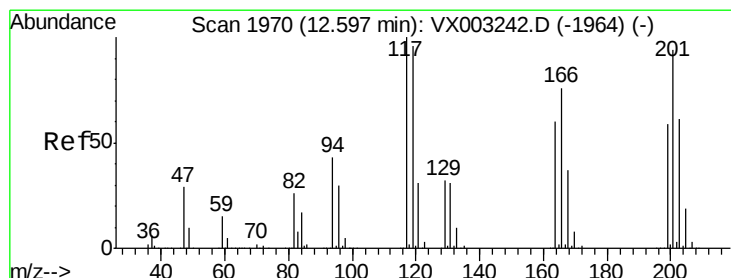
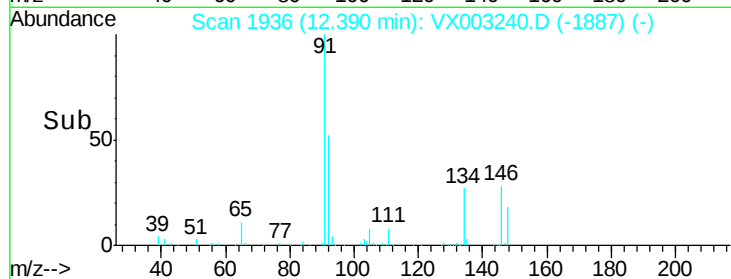
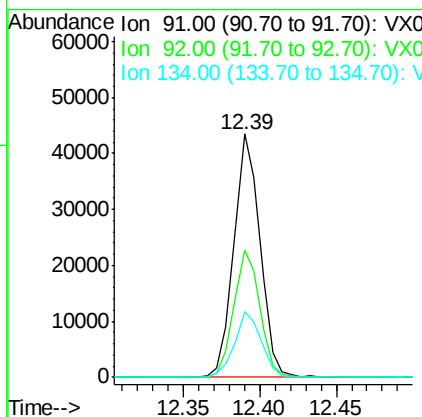
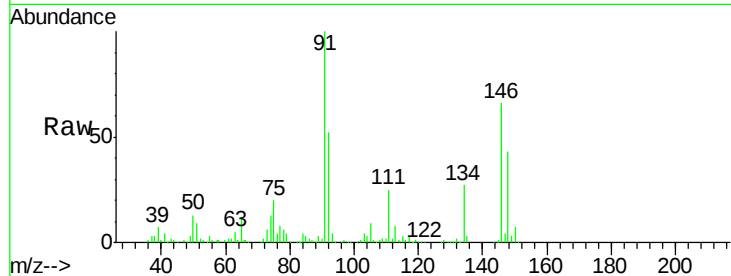




#89
n-Butylbenzene
Concen: 5.01 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

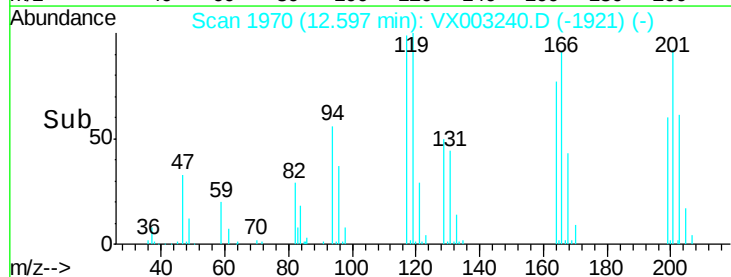
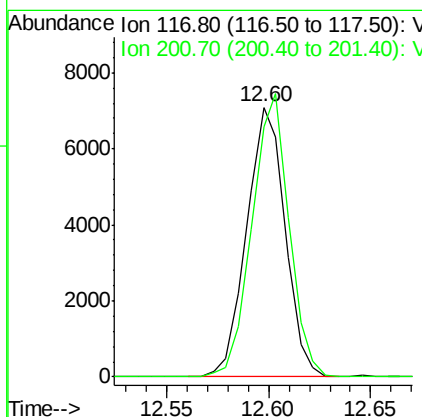
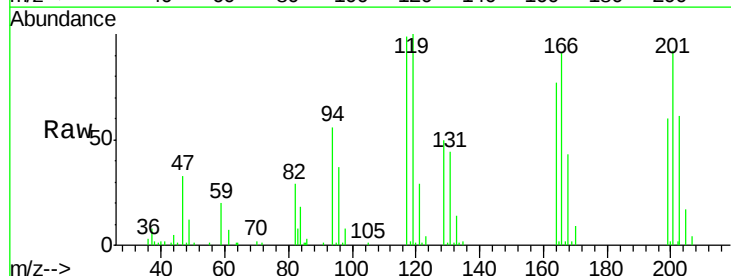
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

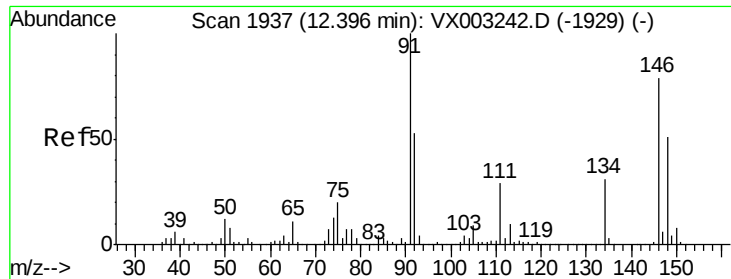
Tot Ion: 91 Resp: 51601
Ion Ratio Lower Upper
91 100
92 52.0 26.0 78.0
134 27.5 13.5 40.5



#90
Hexachloroethane
Concen: 5.27 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion: 117 Resp: 9272
Ion Ratio Lower Upper
117 100
201 101.3 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 5.96 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

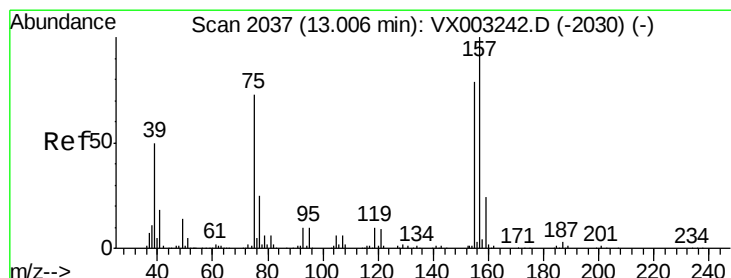
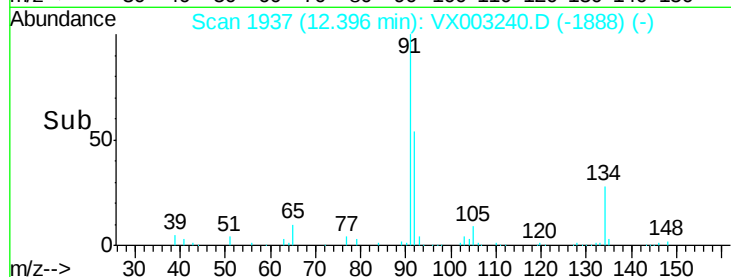
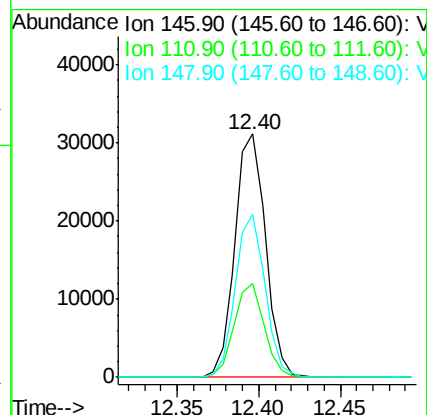
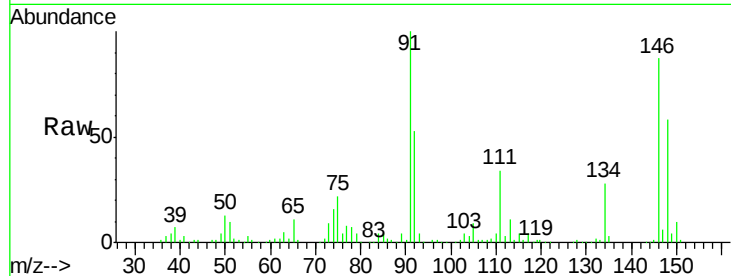
Tot Ion:146 Resp: 40889

Ion Ratio Lower Upper

146 100

111 37.6 19.4 58.1

148 64.8 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.13 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003240.D

Acq: 09 Jul 2018 11:49

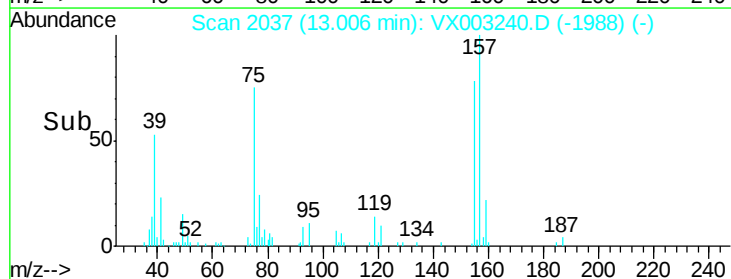
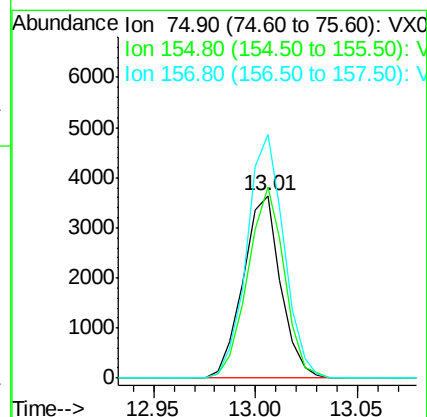
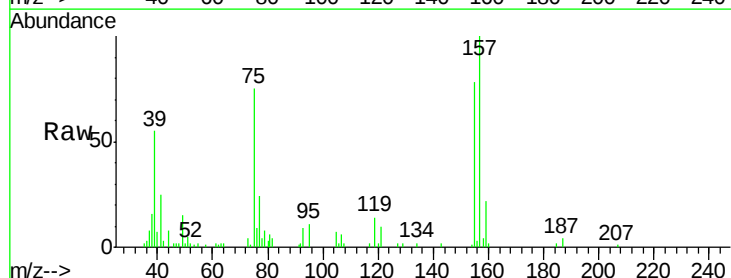
Tgt Ion: 75 Resp: 4641

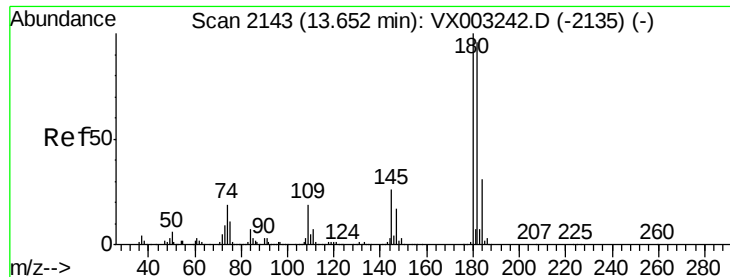
Ion Ratio Lower Upper

75 100

155 102.0 45.8 137.4

157 131.9 60.1 180.3

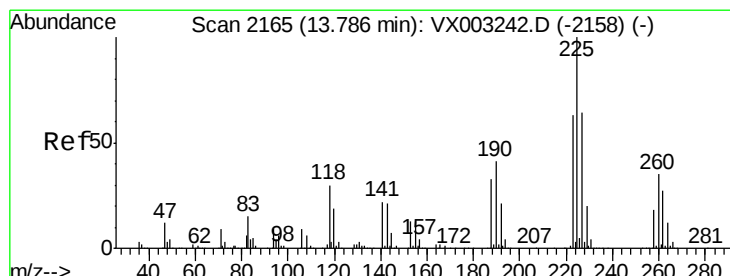
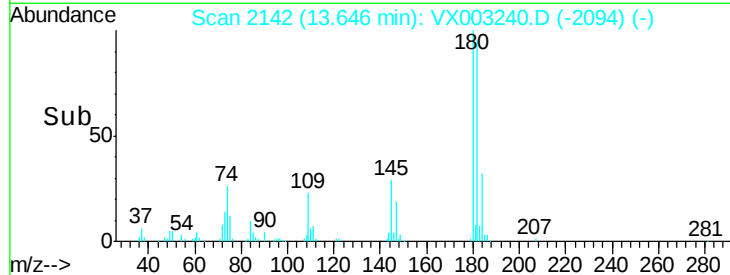
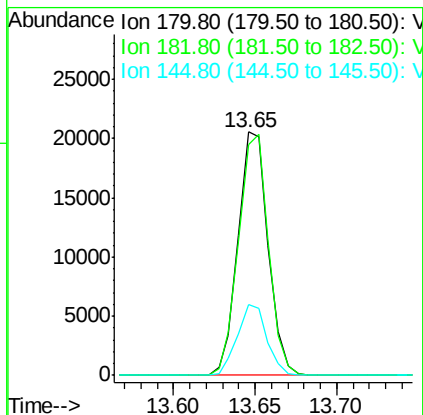
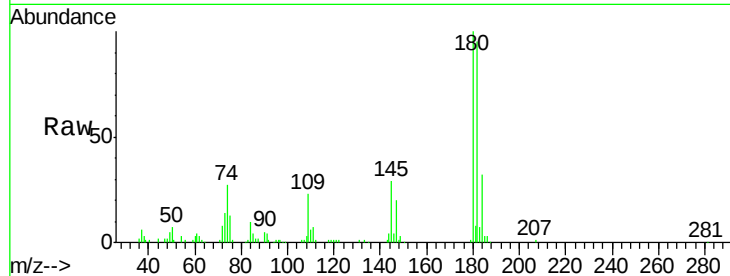




#93
 1,2,4-Trichlorobenzene
 Concen: 5.31 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003240.D
 Acq: 09 Jul 2018 11:49

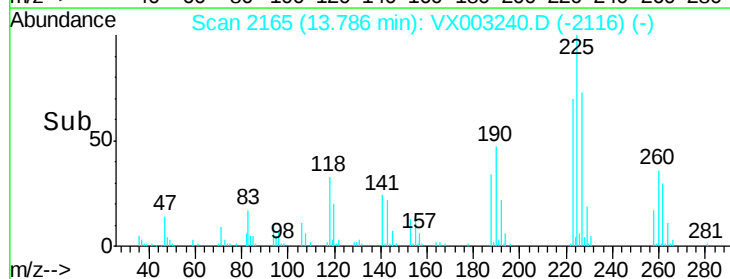
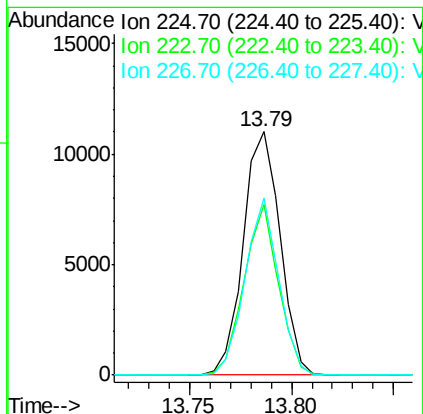
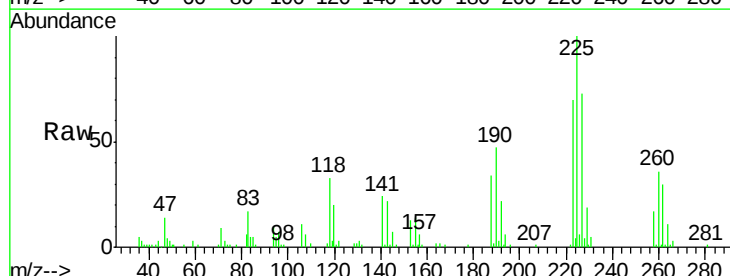
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

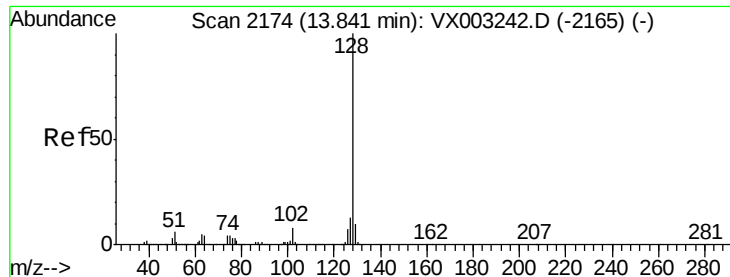
Tot Ion:180 Resp: 26528
 Ion Ratio Lower Upper
 180 100
 182 98.5 47.7 143.1
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 5.54 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003240.D
 Acq: 09 Jul 2018 11:49

Tgt Ion:225 Resp: 13794
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.6 95.0
 227 66.8 32.4 97.2

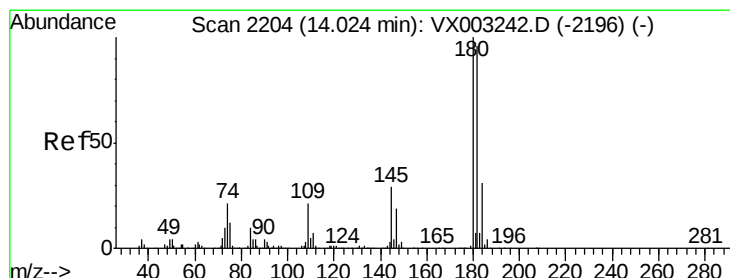
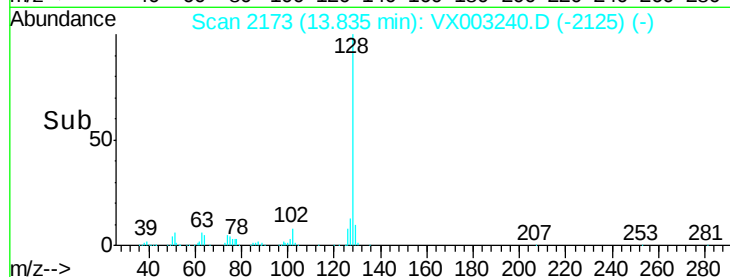
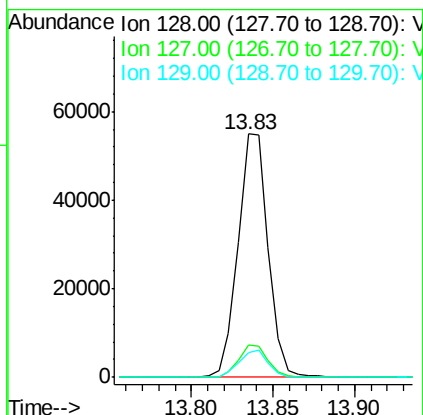
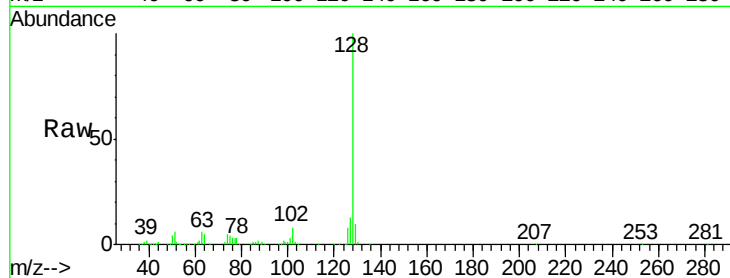




#95
Naphthalene
Concen: 5.32 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 70763
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.71 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003240.D
Acq: 09 Jul 2018 11:49

Tgt Ion:180 Resp: 28486
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.0
145 29.7 14.8 44.3

