

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
 Data File : VX003361.D
 Acq On : 13 Jul 2018 11:59
 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 14 01:16:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206238	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	21177	5.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.90%	
35) Dibromofluoromethane	5.51	113	17499	6.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.88%	
50) Toluene-d8	8.72	98	62057	5.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.66%	
62) 4-Bromofluorobenzene	11.14	95	20016	5.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	13434	5.452 ug/l	95
3) Chloromethane	1.32	50	16594	4.191 ug/l	97
4) Vinyl Chloride	1.40	62	17883	5.371 ug/l	99
5) Bromomethane	1.64	94	9108	4.835 ug/l	96
6) Chloroethane	1.71	64	12080	2.646 ug/l	100
7) Trichlorofluoromethane	1.92	101	26832	5.593 ug/l	93
8) Diethyl Ether	2.19	74	11291	5.315 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	16854	5.467 ug/l	98
10) Methyl Iodide	2.51	142	12358	3.947 ug/l	93
11) Tert butyl alcohol	3.08	59	21334	28.530 ug/l	98
12) 1,1-Dichloroethene	2.37	96	15518	5.420 ug/l	88
13) Acrolein	2.29	56	12188	29.990 ug/l	97
14) Allyl chloride	2.73	41	29038	5.288 ug/l	88
15) Acrylonitrile	3.15	53	50662	27.136 ug/l	98
16) Acetone	2.45	43	40285	27.830 ug/l #	85
17) Carbon Disulfide	2.57	76	37767	5.372 ug/l	99
18) Methyl Acetate	2.78	43	22644	5.038 ug/l	94
19) Methyl tert-butyl Ether	3.21	73	55252	5.397 ug/l	98
20) Methylene Chloride	2.86	84	19576	5.171 ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	17012	5.568 ug/l	93
22) Diisopropyl ether	3.87	45	53287	5.213 ug/l	96
23) Vinyl Acetate	3.82	43	217136	25.996 ug/l	96
24) 1,1-Dichloroethane	3.70	63	32508	5.609 ug/l	99
25) 2-Butanone	4.71	43	59177	26.375 ug/l #	88
26) 2,2-Dichloropropane	4.58	77	21618	5.270 ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	17694	5.269 ug/l	20
28) Bromochloromethane	5.02	49	13562	5.136 ug/l	93
29) Tetrahydrofuran	5.17	42	36282	25.314 ug/l	93
30) Chloroform	5.21	83	28341	5.102 ug/l	96
31) Cyclohexane	5.58	56	22814	5.144 ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	23743	5.131 ug/l	98
36) 1,1-Dichloropropene	5.80	75	20515	5.232 ug/l	99
37) Ethyl Acetate	4.86	43	22769	5.299 ug/l	97
38) Carbon Tetrachloride	5.78	117	20067	5.021 ug/l	92

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 Data File : VX003361.D
 Acq On : 13 Jul 2018 11:59
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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 14 01:16:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	21956	4.947	ug/l	90
40) Benzene	6.14	78	63528	5.173	ug/l	100
41) Methacrylonitrile	5.07	41	12321	5.006	ug/l	94
42) 1,2-Dichloroethane	6.20	62	22700	5.292	ug/l	97
43) Isopropyl Acetate	6.47	43	33877	5.032	ug/l	95
44) Trichloroethene	7.21	130	17557	5.046	ug/l	97
45) 1,2-Dichloropropane	7.52	63	16626	5.104	ug/l	98
46) Dibromomethane	7.67	93	10877	5.193	ug/l	98
47) Bromodichloromethane	7.90	83	19203	4.863	ug/l	99
48) Methyl methacrylate	7.78	41	16992	4.945	ug/l	91
49) 1,4-Dioxane	7.76	88	7397	98.637	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	112751	25.618	ug/l	96
52) Toluene	8.79	92	39942	5.133	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	21704	4.680	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	19534	4.611	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	16765	5.162	ug/l	96
56) Ethyl methacrylate	9.18	69	21776	4.694	ug/l #	88
57) 1,3-Dichloropropane	9.38	76	27681	5.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	54232	24.056	ug/l	98
59) 2-Hexanone	9.50	43	84396	25.998	ug/l	95
60) Dibromochloromethane	9.59	129	14619	4.637	ug/l	98
61) 1,2-Dibromoethane	9.68	107	16526	5.046	ug/l	100
64) Tetrachloroethene	9.34	164	20600	5.412	ug/l	93
65) Chlorobenzene	10.14	112	46468	5.149	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	15435	4.837	ug/l	98
67) Ethyl Benzene	10.26	91	70936	4.830	ug/l	99
68) m/p-Xylenes	10.36	106	53938	9.533	ug/l	100
69) o-Xylene	10.70	106	25964	4.698	ug/l	97
70) Styrene	10.71	104	42438	4.570	ug/l	99
71) Bromoform	10.86	173	10880	4.453	ug/l #	97
73) Isopropylbenzene	11.02	105	71200	4.993	ug/l	99
74) N-amyl acetate	6.47	43	33877	5.125	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	23706	5.092	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	25630	6.290	ug/l	82
77) Bromobenzene	11.26	156	20368	5.055	ug/l	99
78) n-propylbenzene	11.36	91	77742	4.823	ug/l	100
79) 2-Chlorotoluene	11.42	91	49741	4.996	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	58106	4.917	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	5184	4.242	ug/l	93
82) 4-Chlorotoluene	11.51	91	56730	4.891	ug/l	99
83) tert-Butylbenzene	11.77	119	57232	4.891	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	60521	5.048	ug/l	99
85) sec-Butylbenzene	11.95	105	71502	5.113	ug/l	100
86) p-Isopropyltoluene	12.07	119	60037	4.799	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	38229	5.081	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	39349	5.151	ug/l	96
89) n-Butylbenzene	12.39	91	50632	4.729	ug/l	99
90) Hexachloroethane	12.60	117	8690	4.634	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	38698	5.140	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4496	4.870	ug/l	99

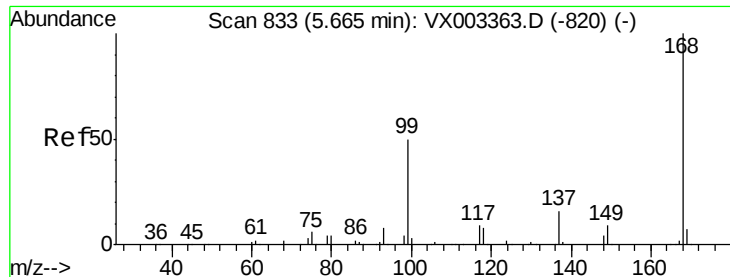
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071318\
Data File : VX003361.D
Acq On : 13 Jul 2018 11:59
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 14 01:16:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	26479	5.141	ug/l	97
94) Hexachlorobutadiene	13.79	225	12864	5.293	ug/l	99
95) Naphthalene	13.83	128	70018	4.850	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	25851	4.973	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

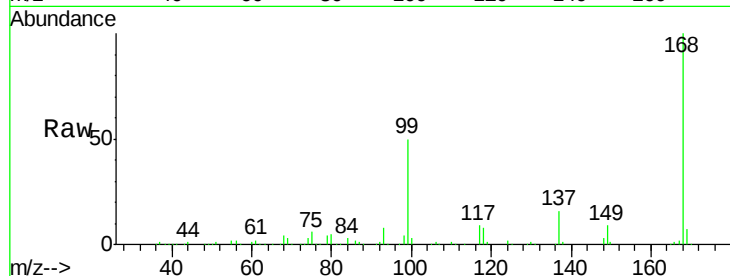
VSTDIC005

Tgt Ion:168 Resp: 257874

Ion Ratio Lower Upper

168 100

99 49.5 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

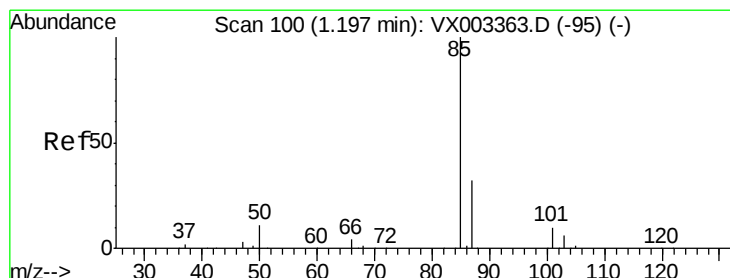
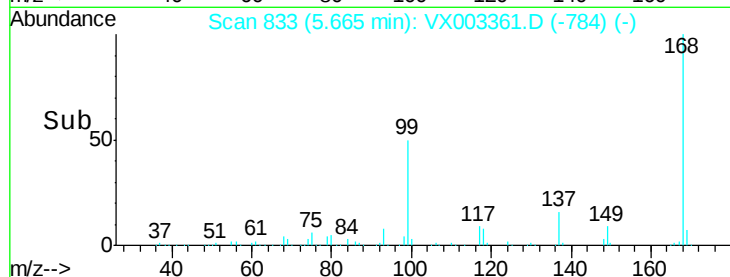
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 5.452 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003361.D

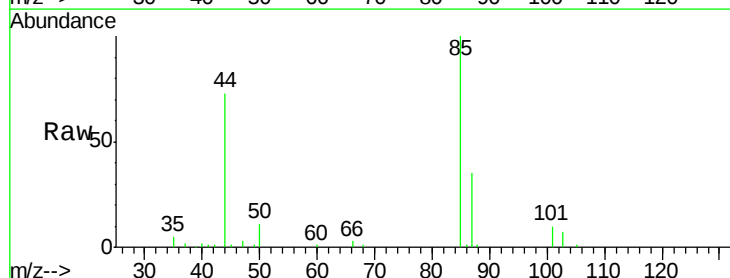
Acq: 13 Jul 2018 11:59

Tgt Ion: 85 Resp: 13434

Ion Ratio Lower Upper

85 100

87 34.7 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

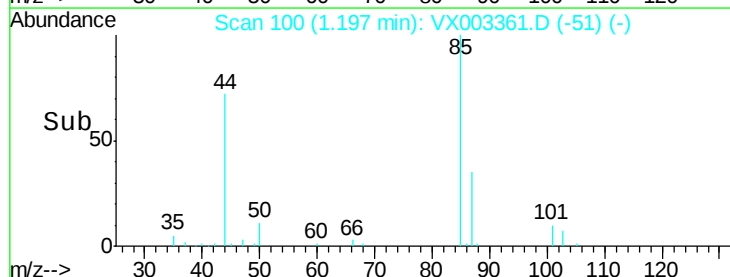
15000

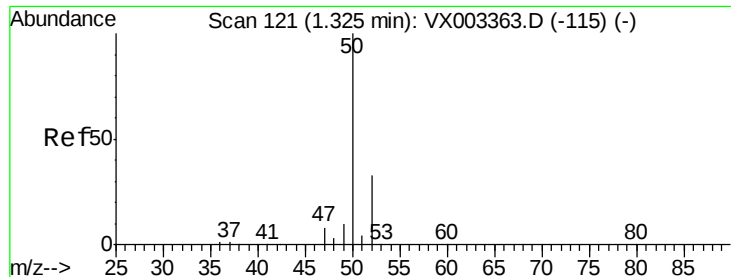
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 4.191 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

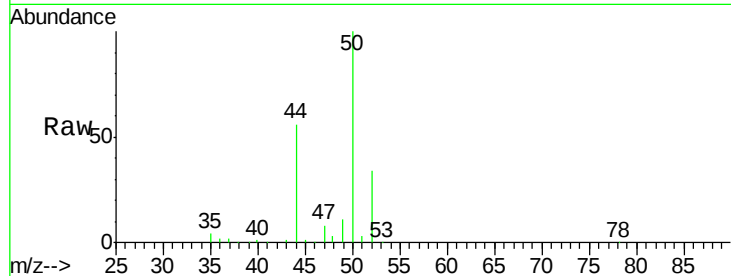
VSTDIC005

Tgt Ion: 50 Resp: 16594

Ion Ratio Lower Upper

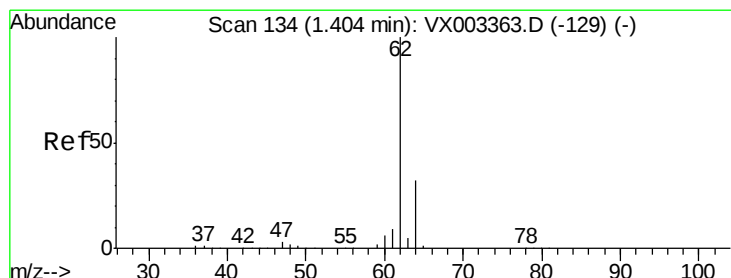
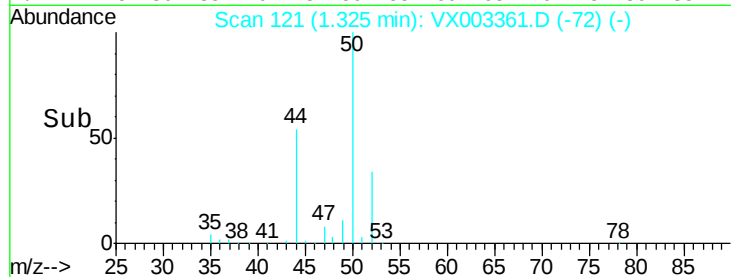
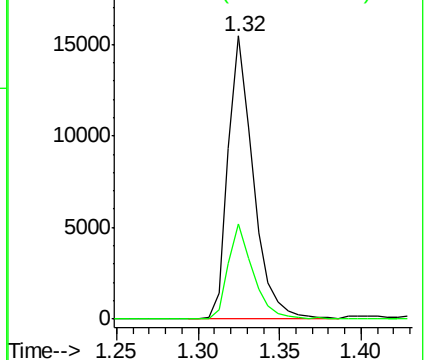
50 100

52 33.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.371 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003361.D

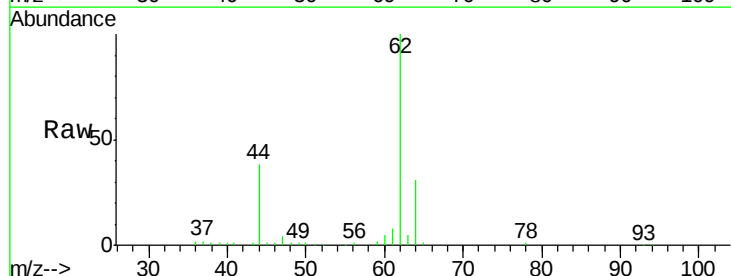
Acq: 13 Jul 2018 11:59

Tgt Ion: 62 Resp: 17883

Ion Ratio Lower Upper

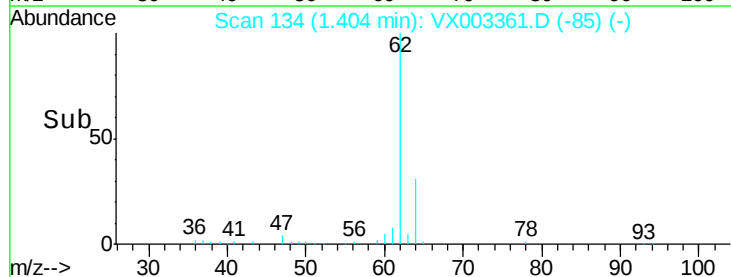
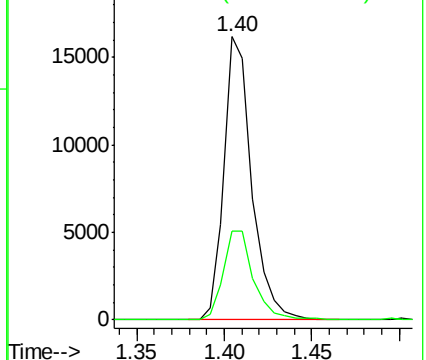
62 100

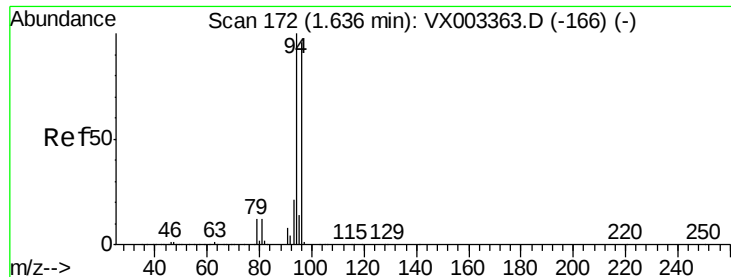
64 31.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.835 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

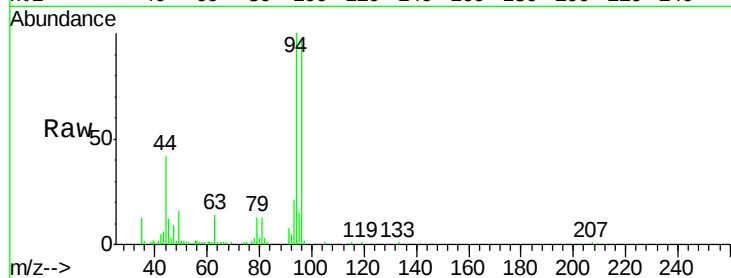
VSTDIC005

Tgt Ion: 94 Resp: 9108

Ion Ratio Lower Upper

94 100

96 97.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

10000

8000

6000

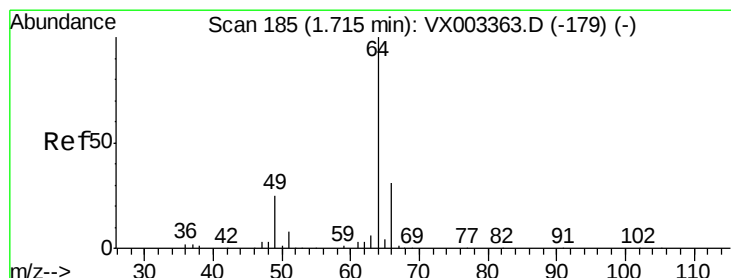
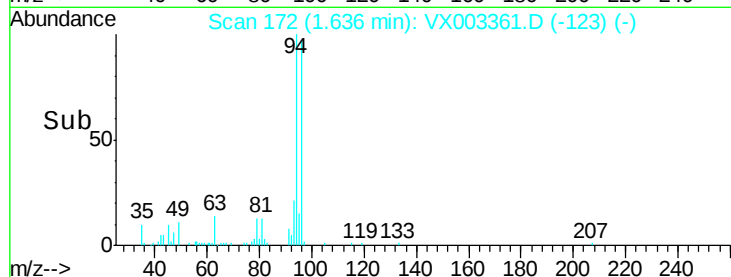
4000

2000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 2.646 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003361.D

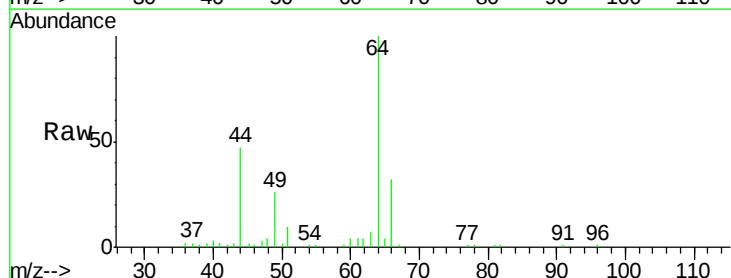
Acq: 13 Jul 2018 11:59

Tgt Ion: 64 Resp: 12080

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

10000

8000

6000

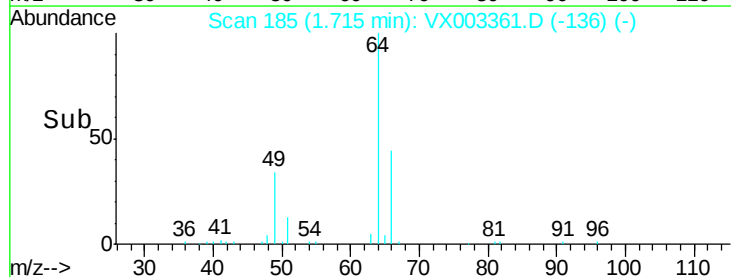
4000

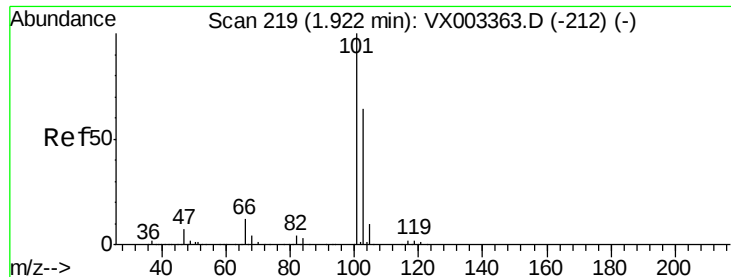
2000

0

Time-->

1.65 1.70 1.75 1.80



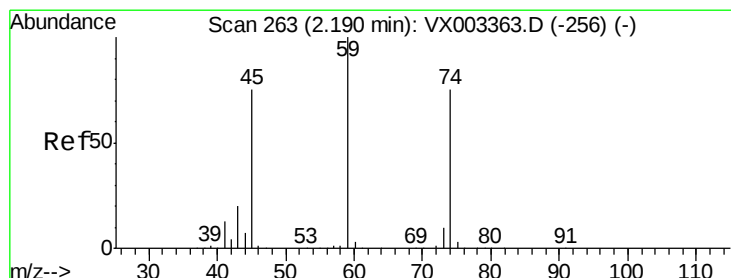
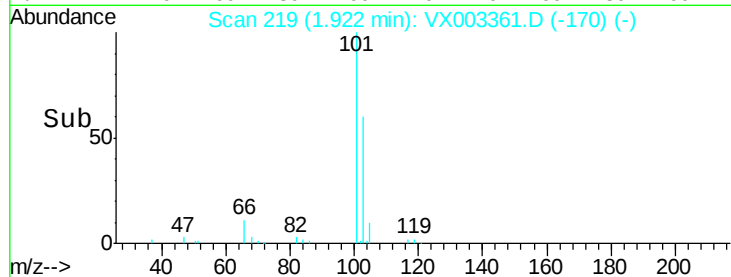
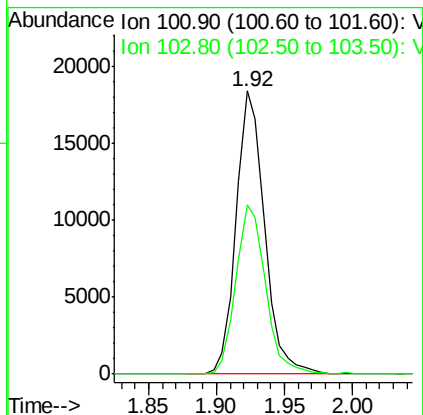
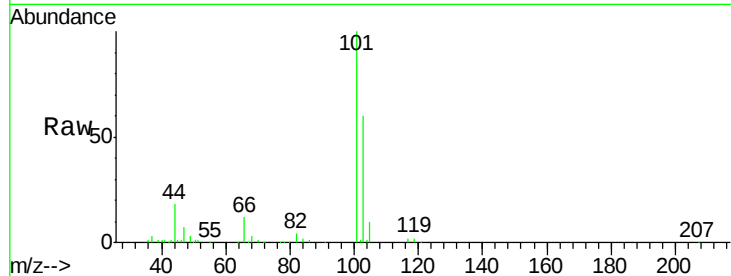


#7

Trichlorofluoromethane
Concen: 5.593 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

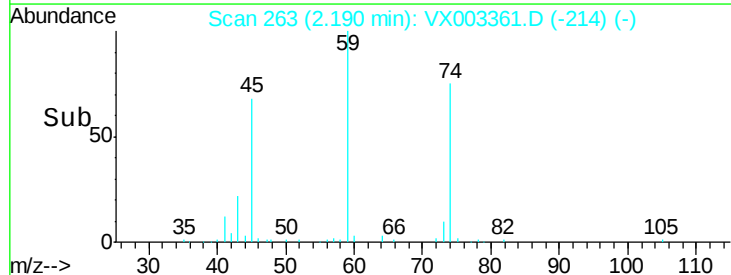
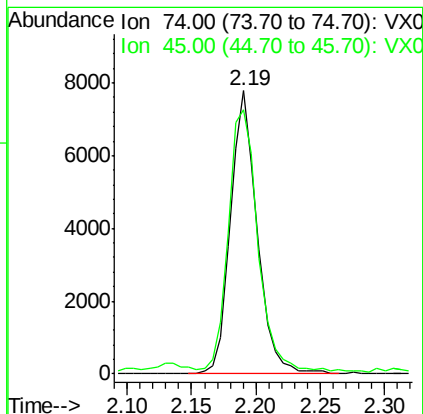
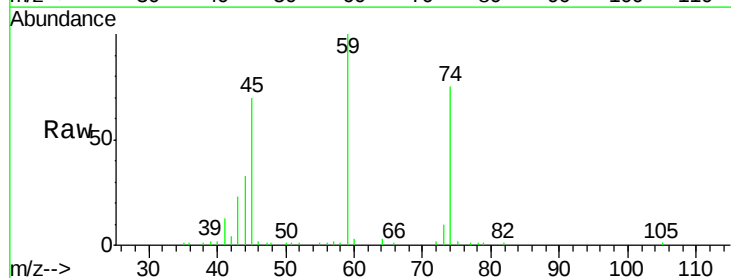
Tgt Ion:101 Resp: 26832
Ion Ratio Lower Upper
101 100
103 60.1 52.8 79.2

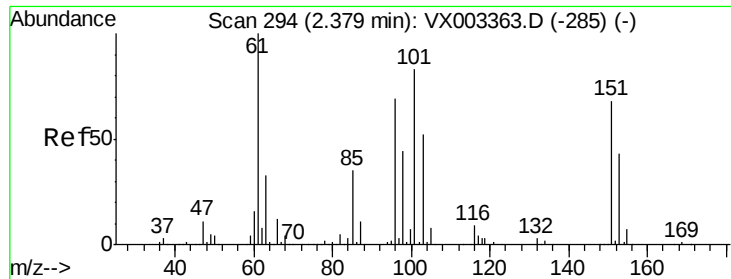


#8

Diethyl Ether
Concen: 5.315 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion: 74 Resp: 11291
Ion Ratio Lower Upper
74 100
45 102.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.467 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

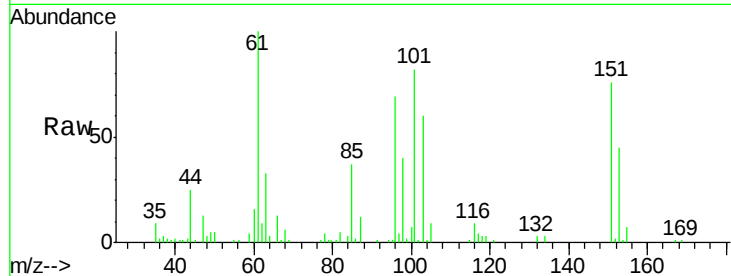
Tgt Ion:101 Resp: 16854

Ion Ratio Lower Upper

101 100

85 43.4 36.0 54.0

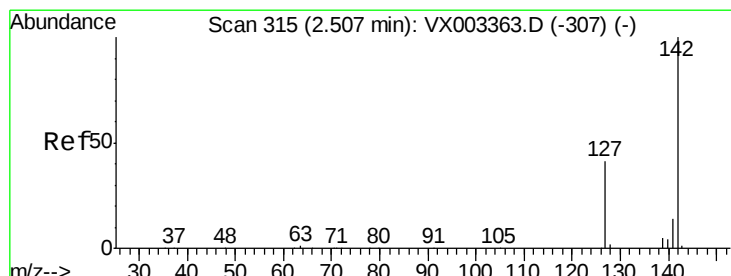
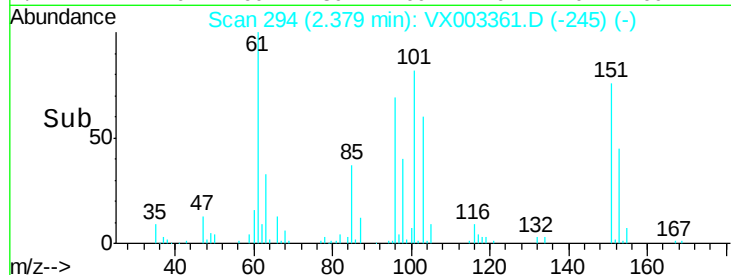
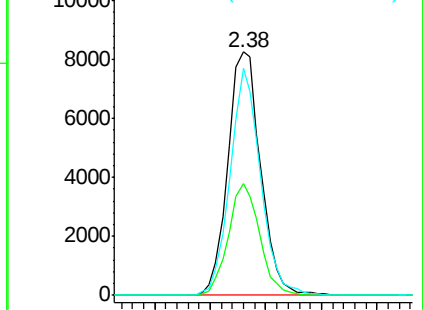
151 86.4 70.9 106.3



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: 3.947 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

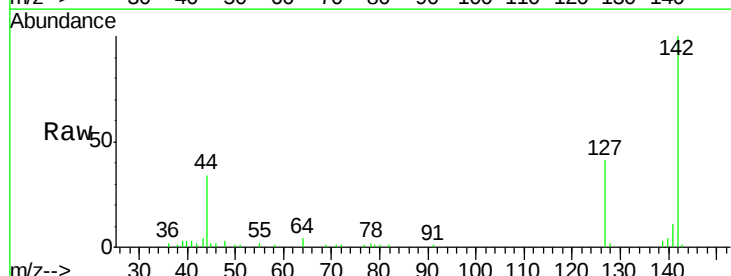
Tgt Ion:142 Resp: 12358

Ion Ratio Lower Upper

142 100

127 40.4 36.6 55.0

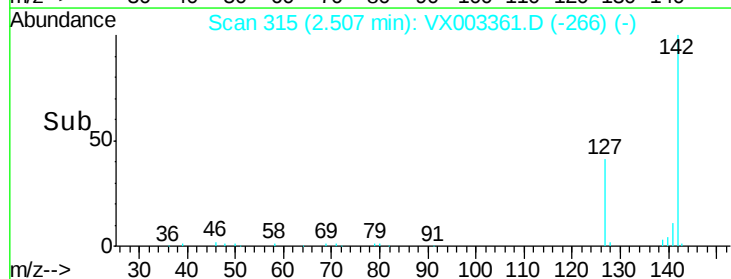
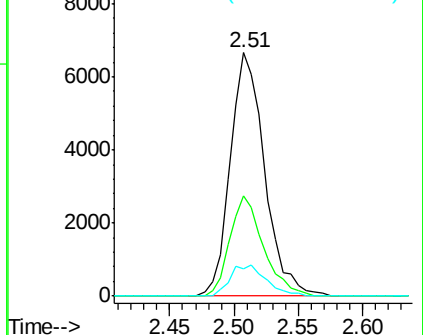
141 13.3 11.3 16.9

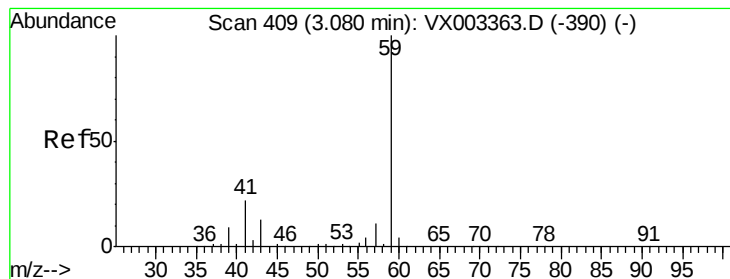


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



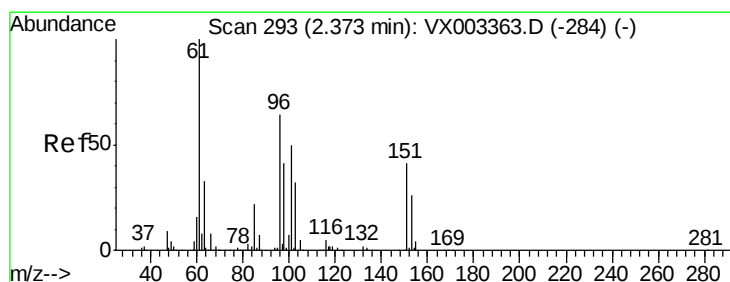
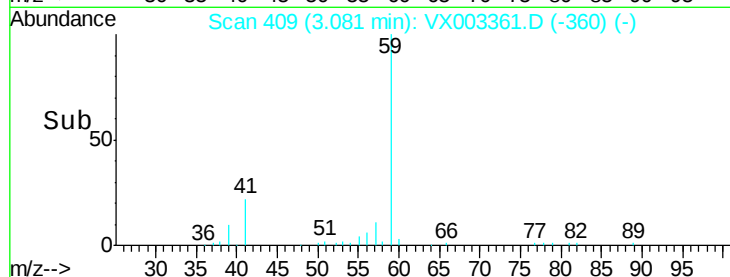
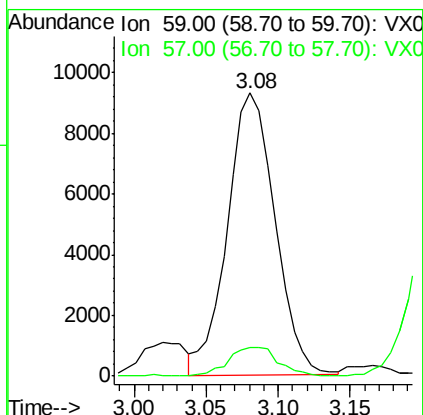
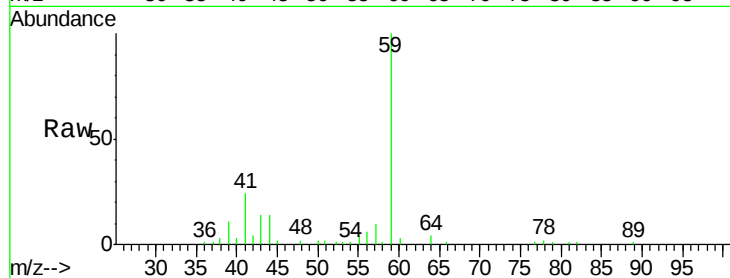


#11

Tert butyl alcohol
 Concen: 28.530 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

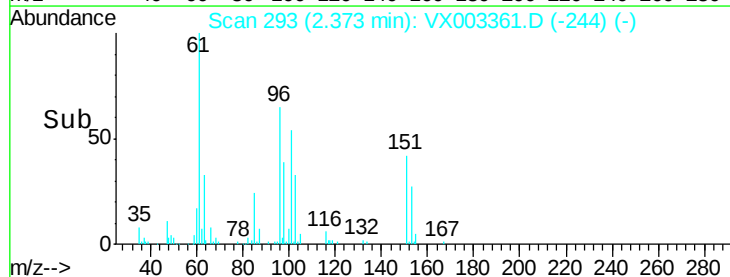
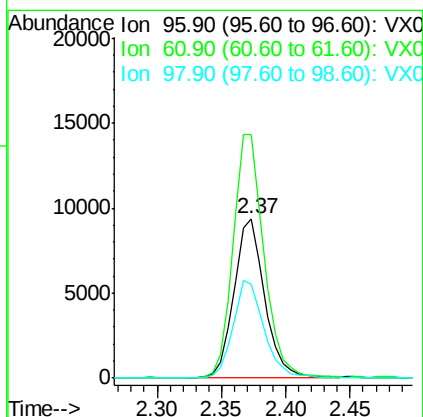
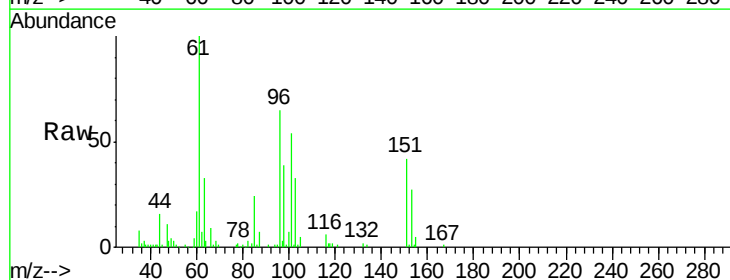
Tgt Ion: 59 Resp: 21334
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.2

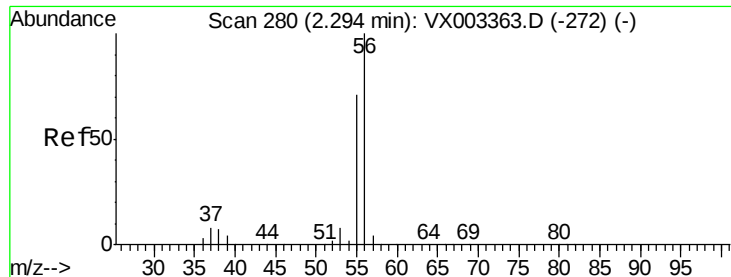


#12

1,1-Dichloroethene
 Concen: 5.420 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Tgt Ion: 96 Resp: 15518
 Ion Ratio Lower Upper
 96 100
 61 152.7 137.9 206.9
 98 59.2 51.6 77.4





#13

Acrolein

Concen: 29.990 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

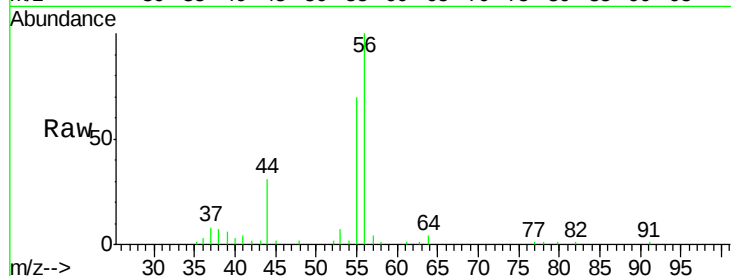
VSTDIC005

Tgt Ion: 56 Resp: 12188

Ion Ratio Lower Upper

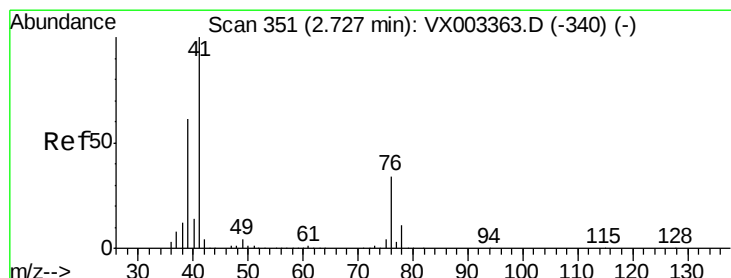
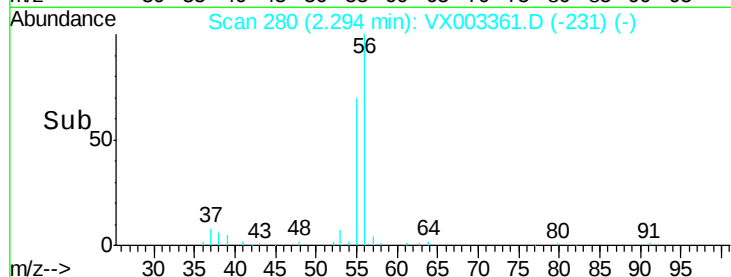
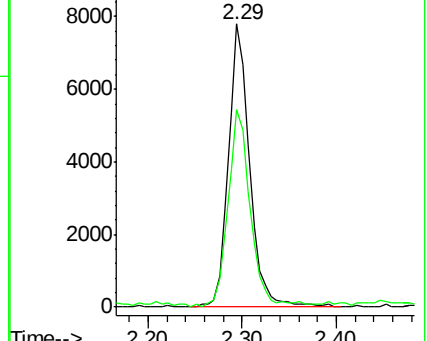
56 100

55 74.1 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: 5.288 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

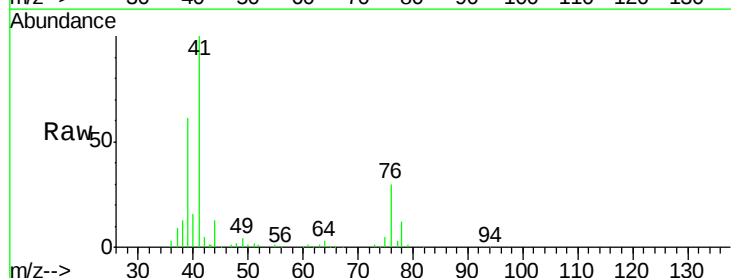
Tgt Ion: 41 Resp: 29038

Ion Ratio Lower Upper

41 100

39 58.9 56.8 85.2

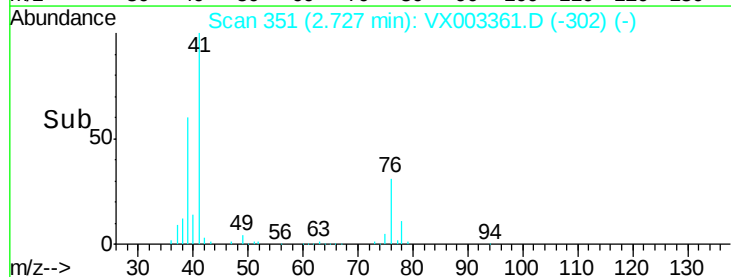
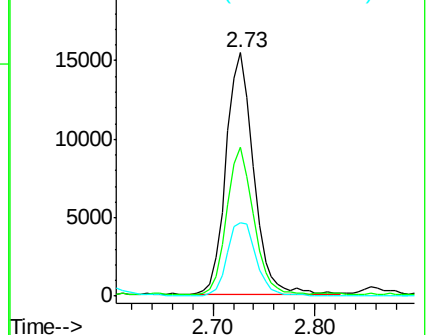
76 32.0 23.8 35.8

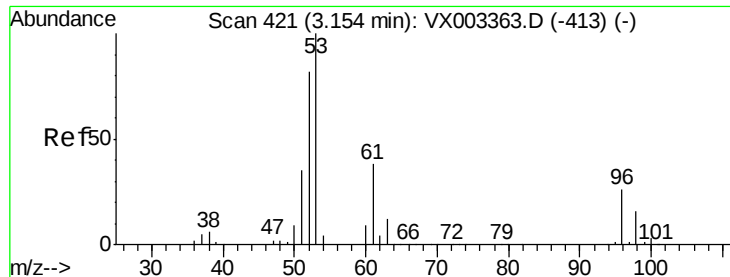


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 27.136 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

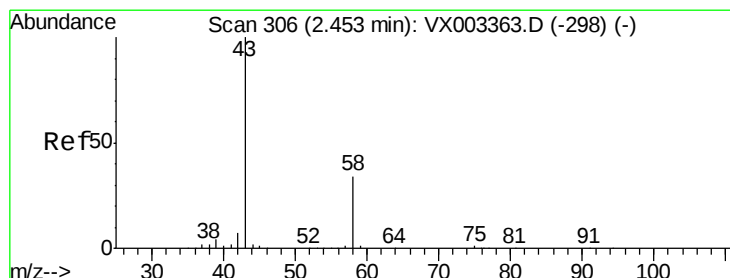
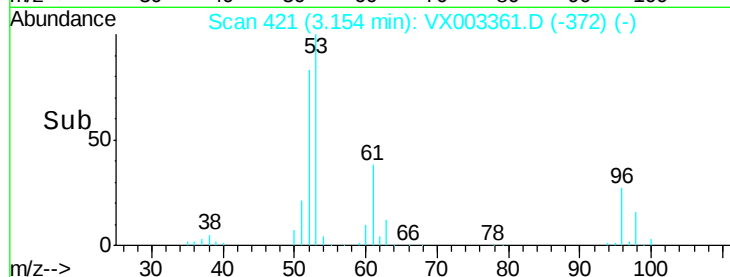
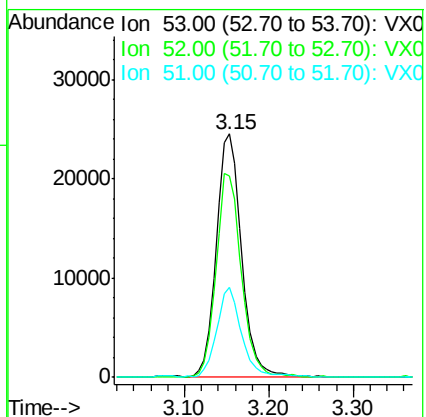
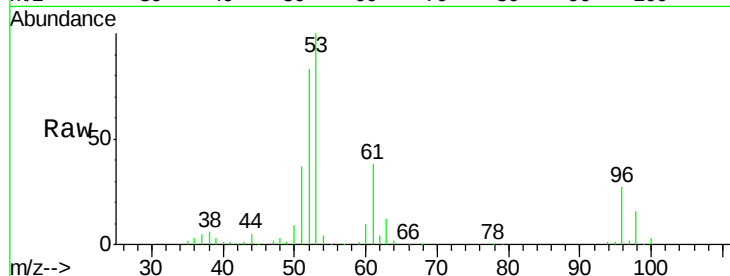
Tgt Ion: 53 Resp: 50662

Ion Ratio Lower Upper

53 100

52 84.7 66.7 100.1

51 36.2 29.9 44.9



#16

Acetone

Concen: 27.830 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003361.D

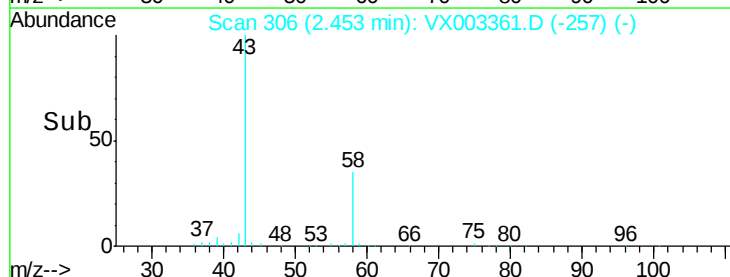
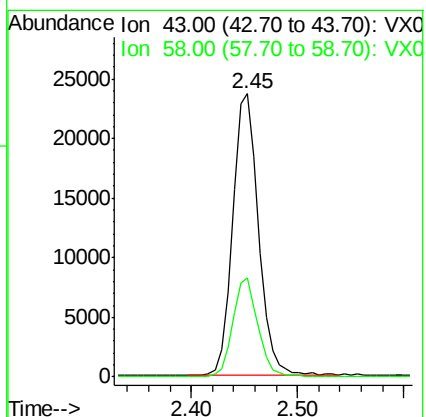
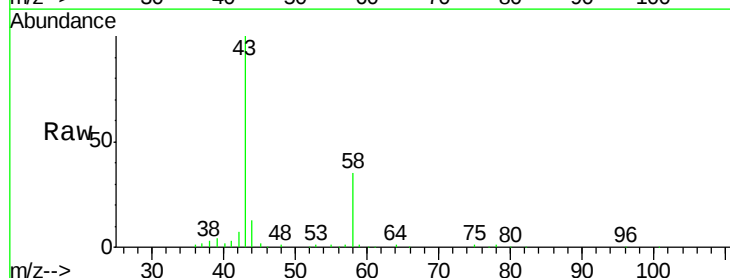
Acq: 13 Jul 2018 11:59

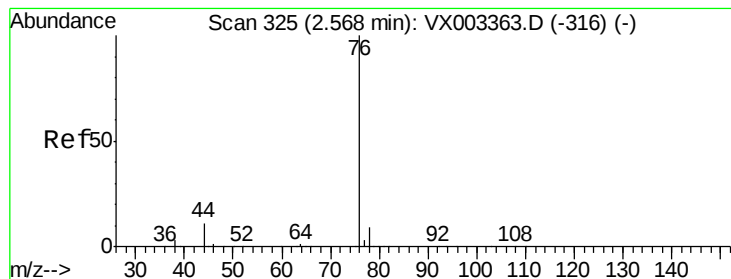
Tgt Ion: 43 Resp: 40285

Ion Ratio Lower Upper

43 100

58 35.4 22.1 33.1#





#17

Carbon Disulfide

Concen: 5.372 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

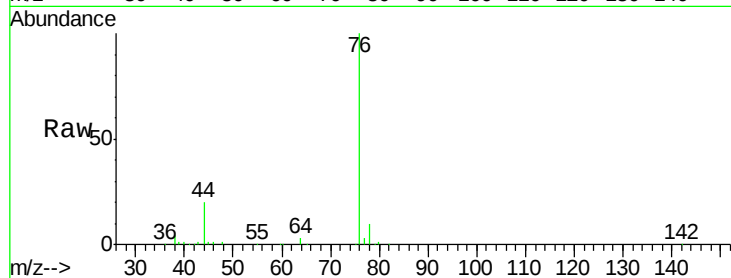
VSTDIC005

Tgt Ion: 76 Resp: 37767

Ion Ratio Lower Upper

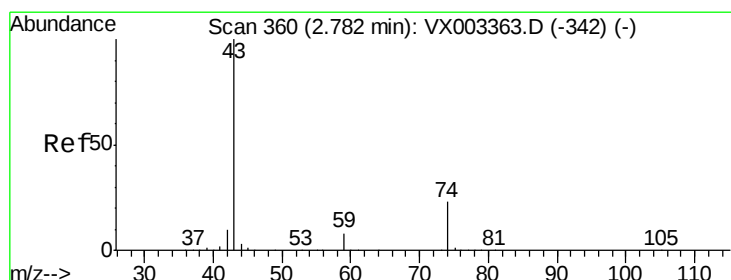
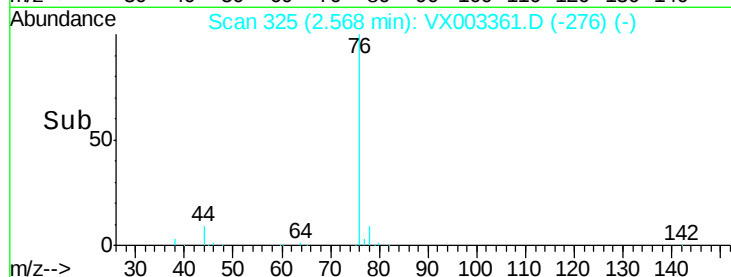
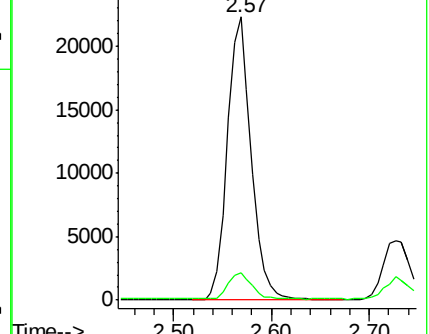
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 5.038 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003361.D

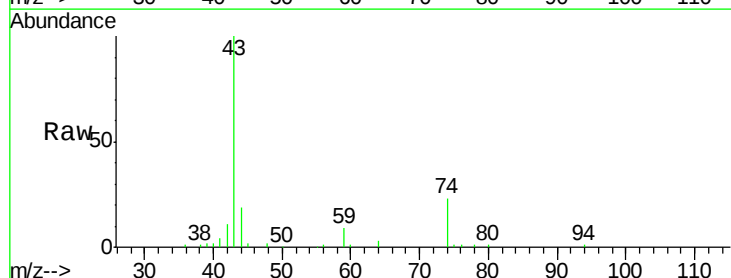
Acq: 13 Jul 2018 11:59

Tgt Ion: 43 Resp: 22644

Ion Ratio Lower Upper

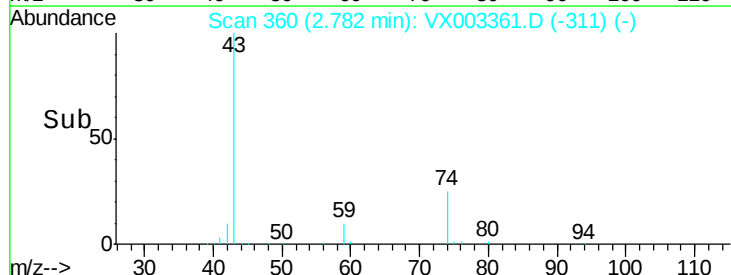
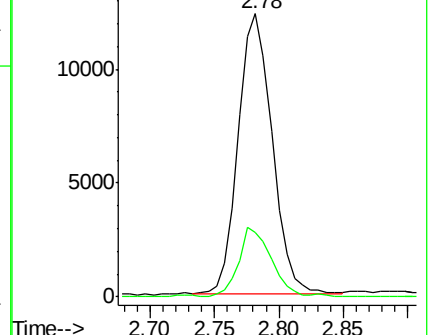
43 100

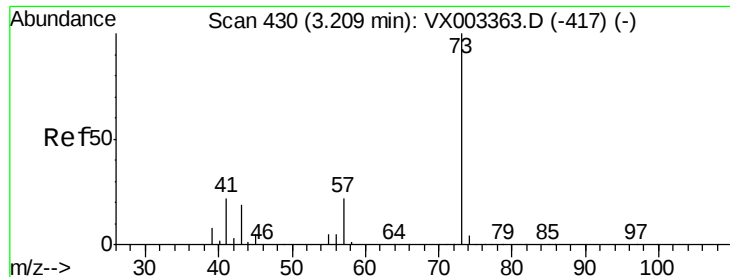
74 23.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

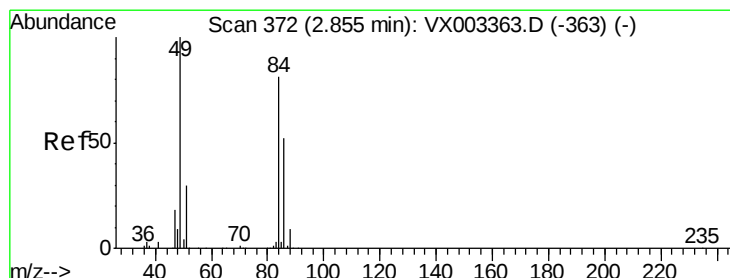
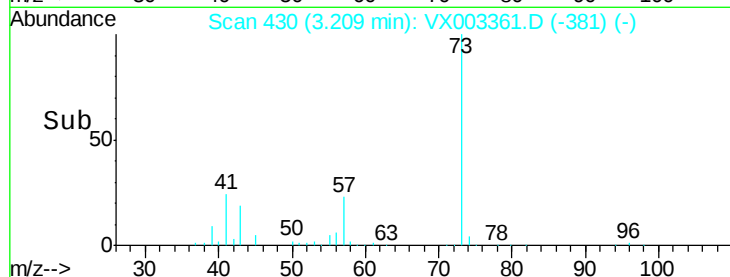
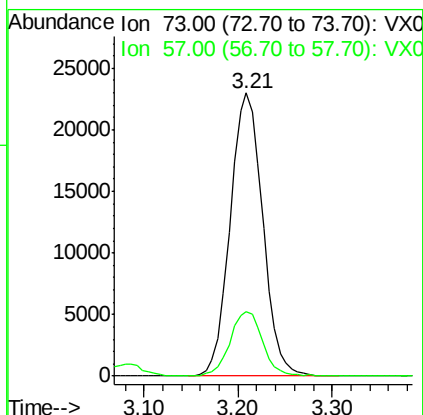
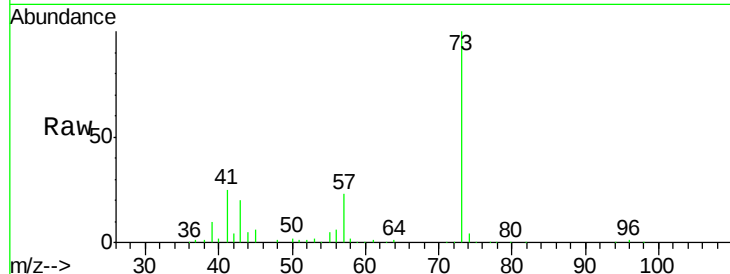




#19
Methyl tert-butyl Ether
Concen: 5.397 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

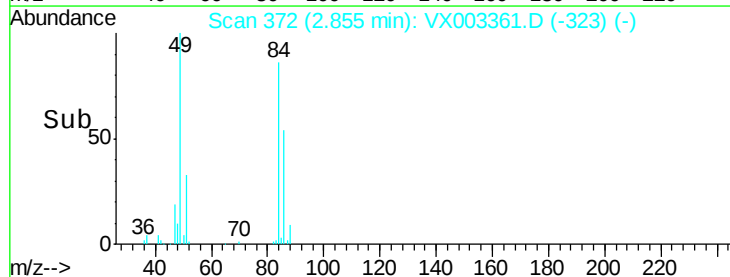
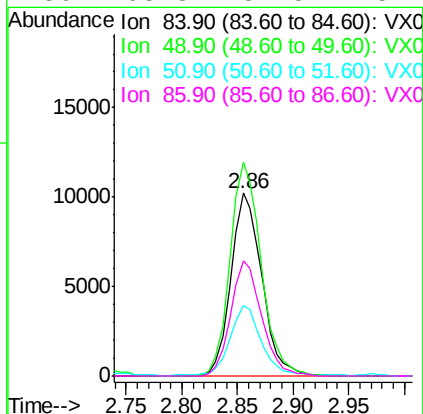
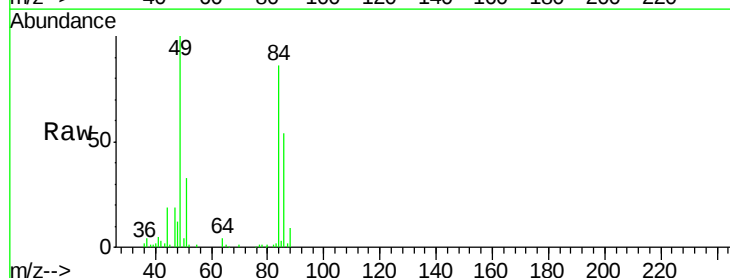
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

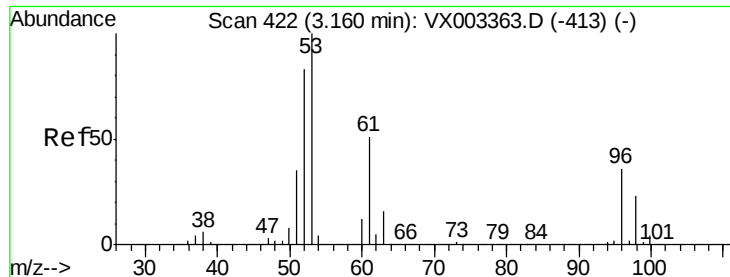
Tgt Ion: 73 Resp: 55252
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5



#20
Methylene Chloride
Concen: 5.171 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion: 84 Resp: 19576
Ion Ratio Lower Upper
84 100
49 116.9 107.8 161.6
51 38.3 32.8 49.2
86 63.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 5.568 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

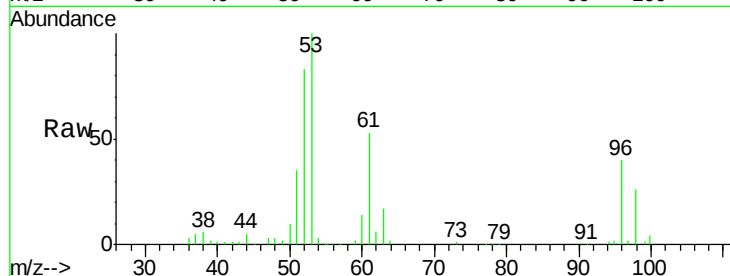
Tgt Ion: 96 Resp: 17012

Ion Ratio Lower Upper

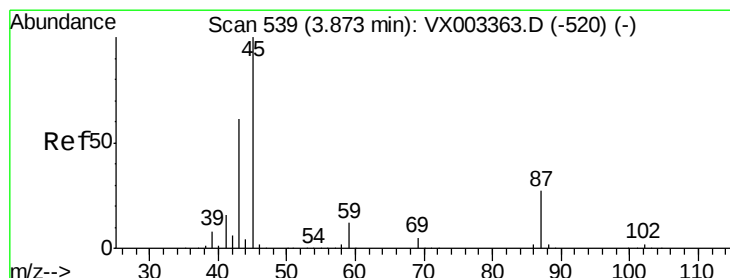
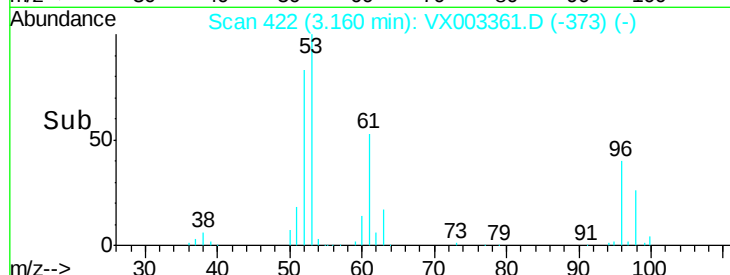
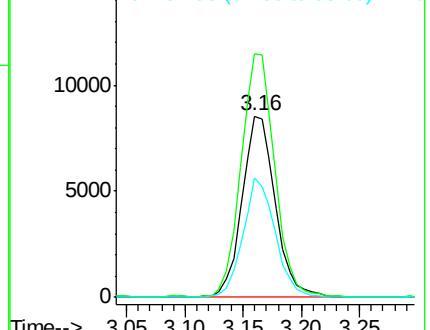
96 100

61 134.2 117.0 175.4

98 66.1 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: 5.213 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Tgt Ion: 45 Resp: 53287

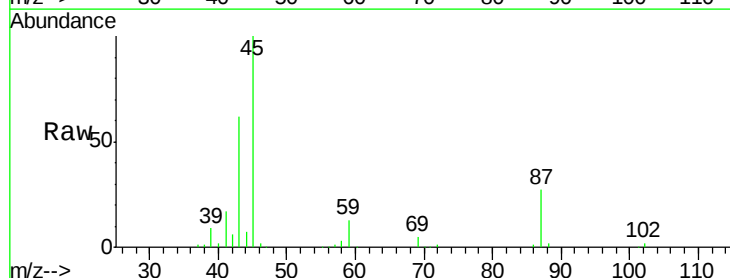
Ion Ratio Lower Upper

45 100

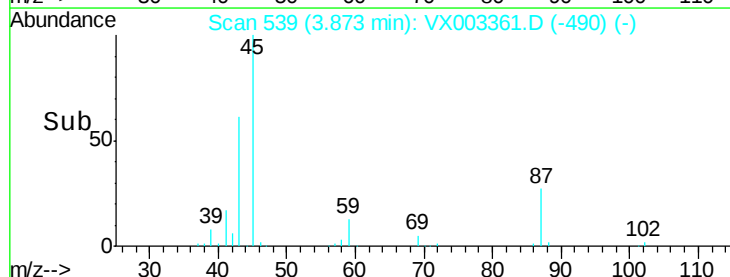
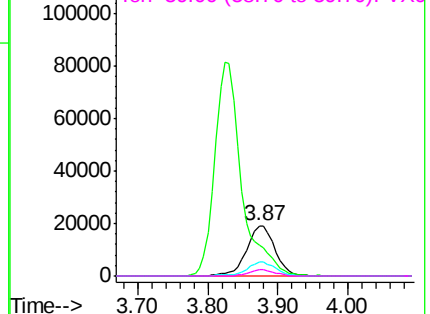
43 61.3 46.8 70.2

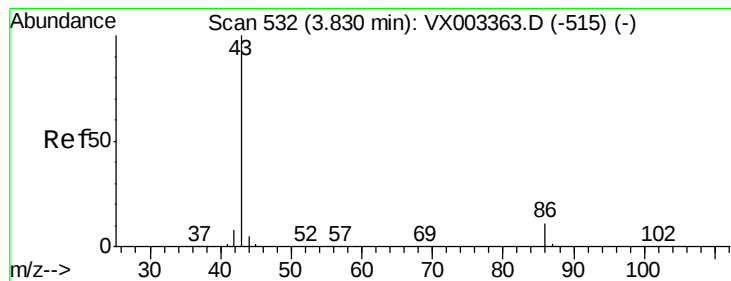
87 27.2 20.2 30.4

59 12.7 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: 25.996 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

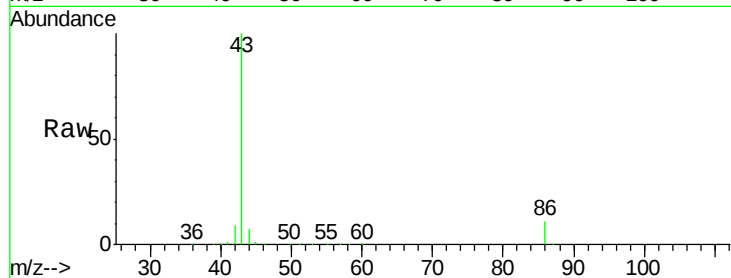
VSTDIC005

Tgt Ion: 43 Resp: 217136

Ion Ratio Lower Upper

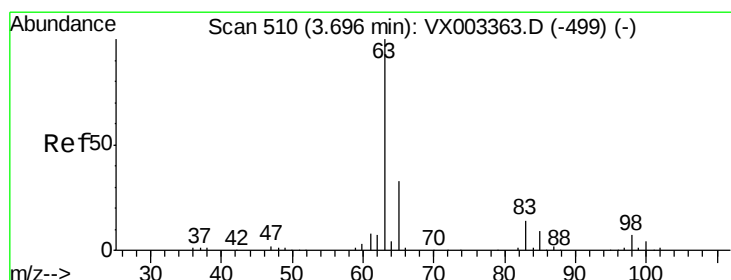
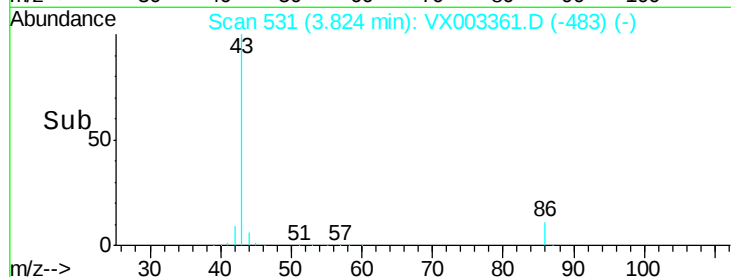
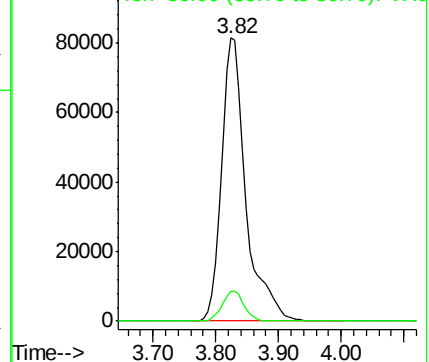
43 100

86 10.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.609 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

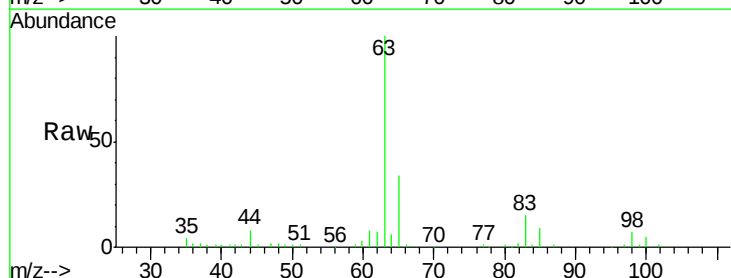
Tgt Ion: 63 Resp: 32508

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

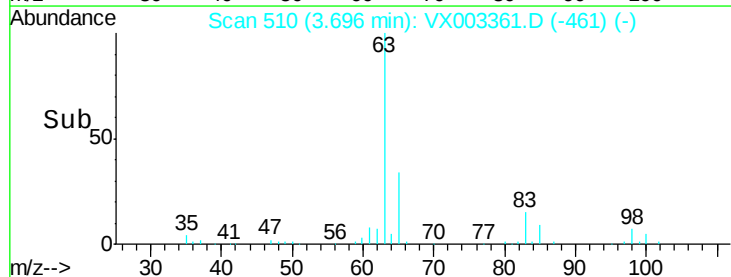
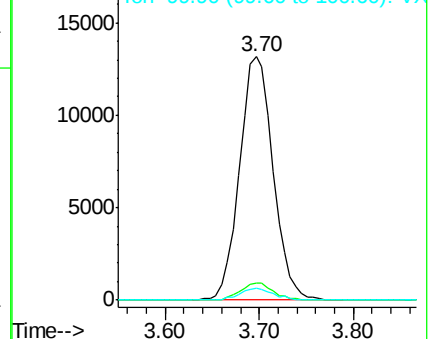
100 4.7 2.0 6.0

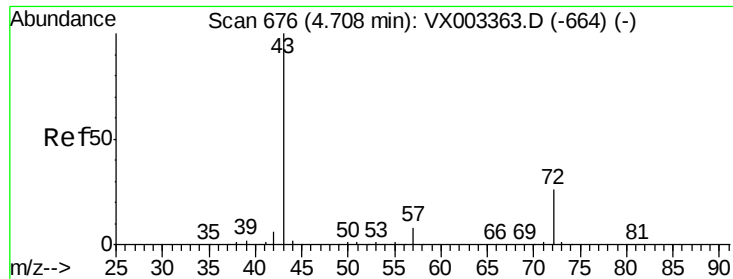


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.375 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

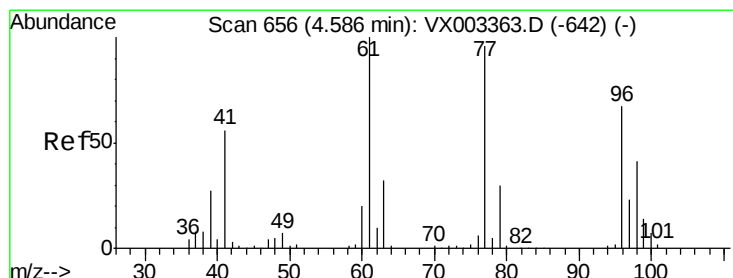
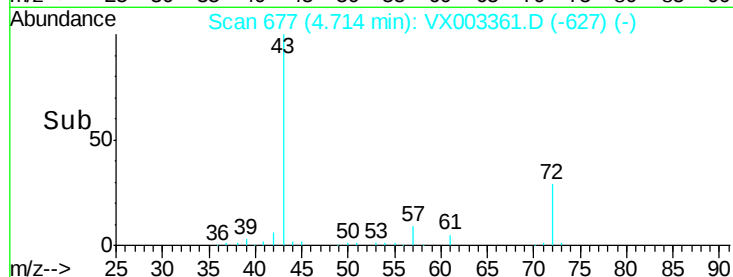
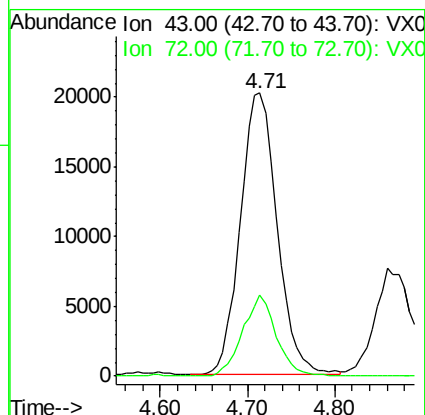
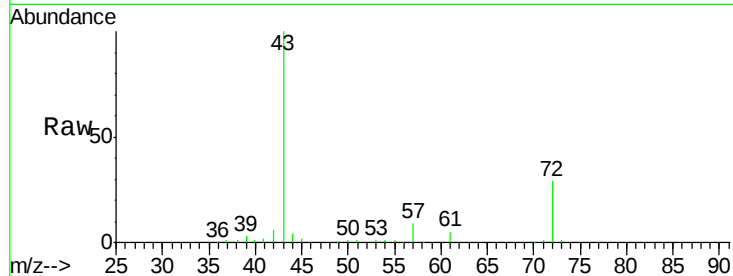
VSTDIC005

Tgt Ion: 43 Resp: 59177

Ion Ratio Lower Upper

43 100

72 29.0 18.5 27.7#



#26

2,2-Dichloropropane

Concen: 5.270 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003361.D

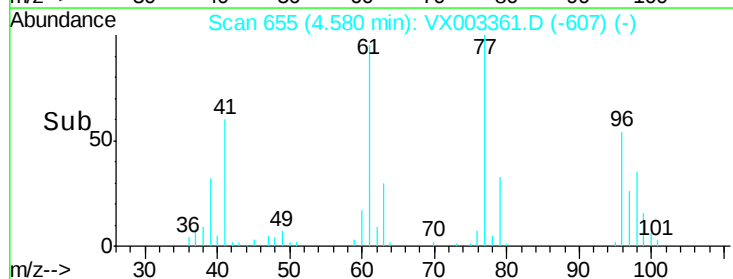
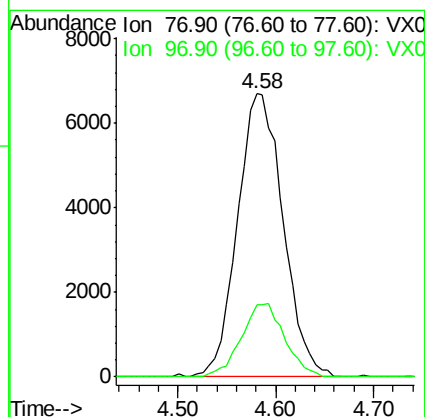
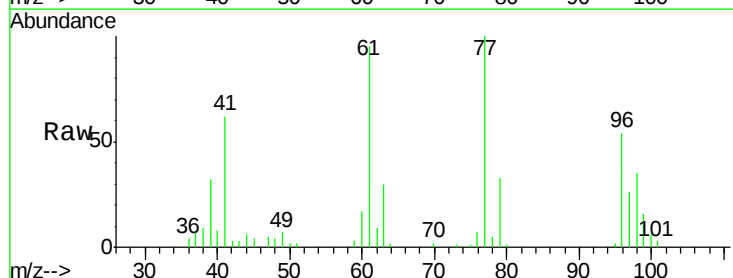
Acq: 13 Jul 2018 11:59

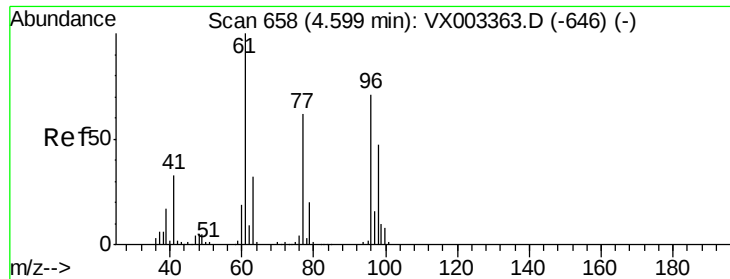
Tgt Ion: 77 Resp: 21618

Ion Ratio Lower Upper

77 100

97 24.6 11.2 33.5



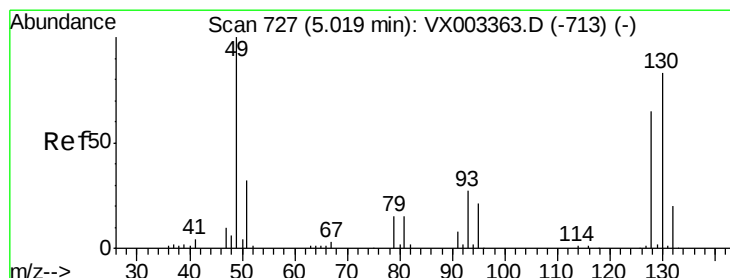
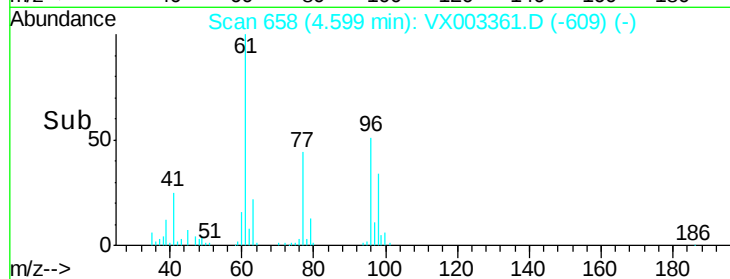
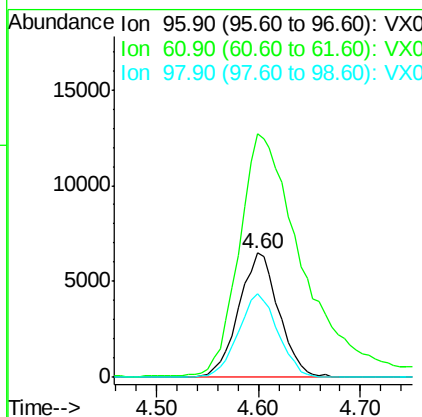
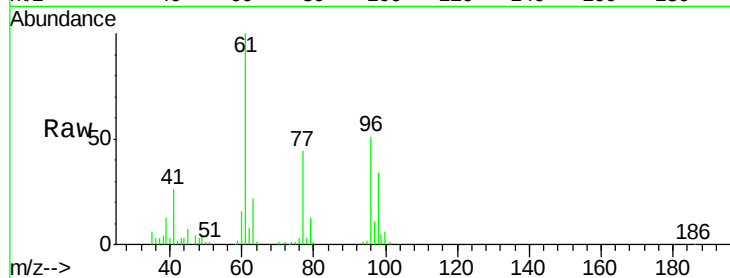


#27

cis-1,2-Dichloroethene
Concen: 5.269 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

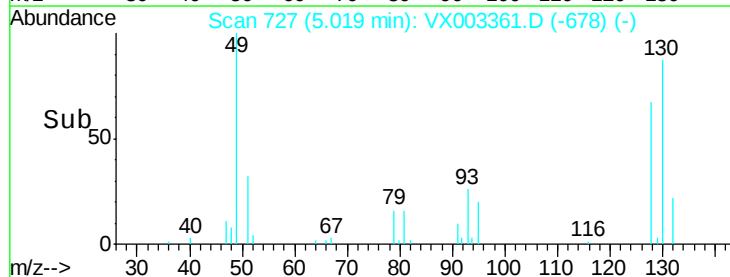
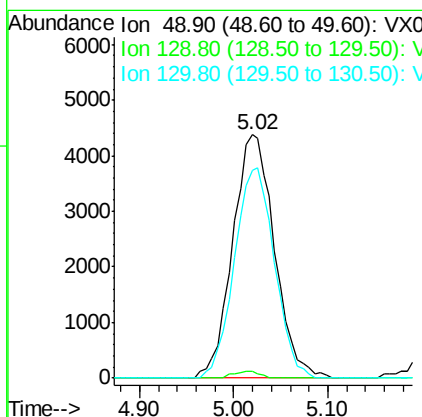
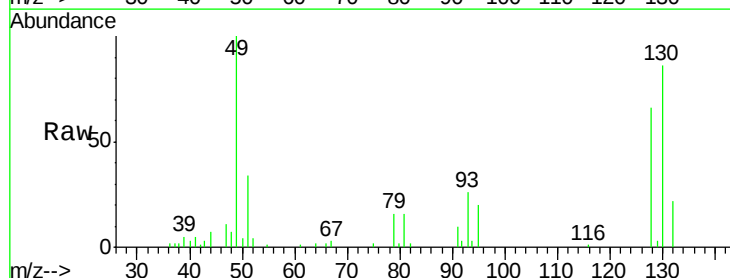
Tgt Ion: 96 Resp: 17694
Ion Ratio Lower Upper
96 100
61 314.1 0.0 330.2
98 66.6 0.0 130.2

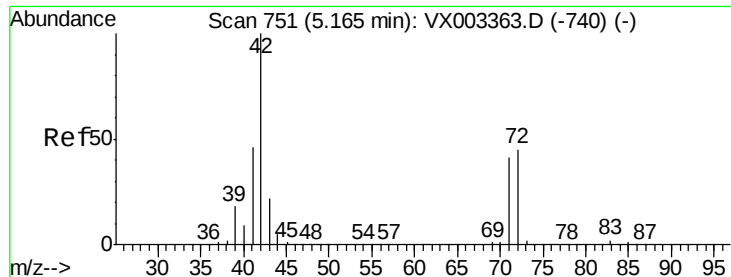


#28

Bromochloromethane
Concen: 5.136 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion: 49 Resp: 13562
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.2
130 82.9 61.2 91.8

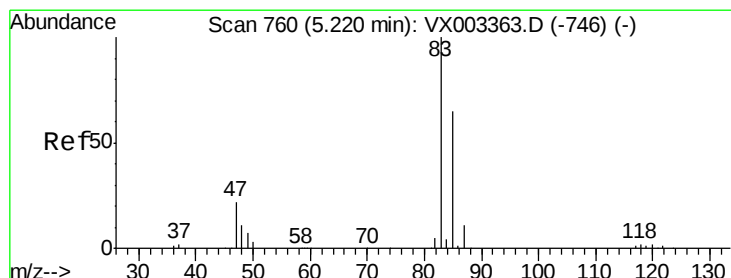
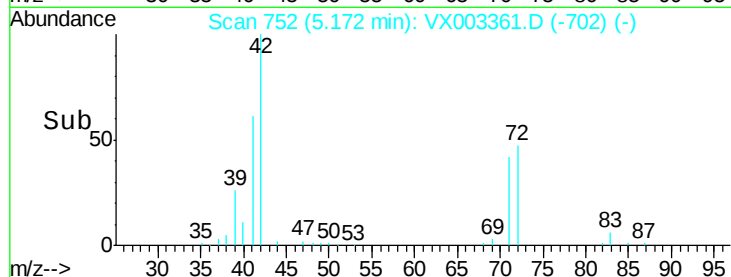
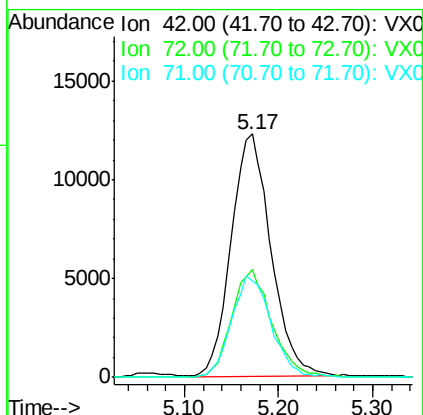
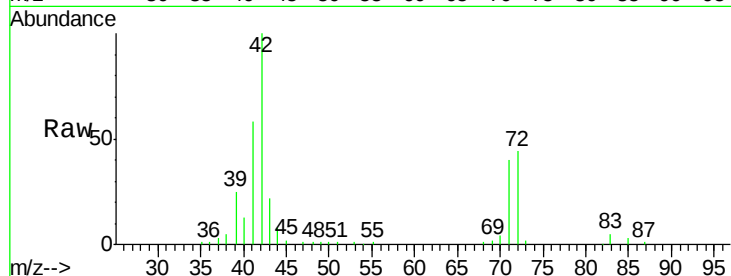




#29
Tetrahydrofuran
Concen: 25.314 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

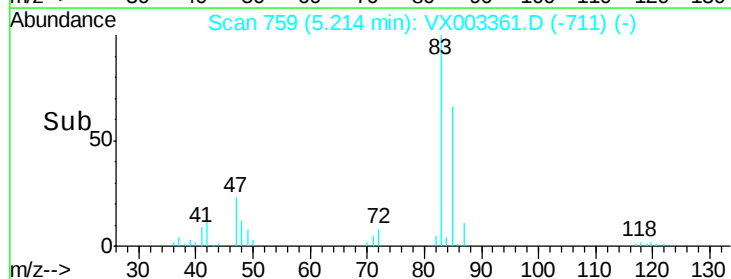
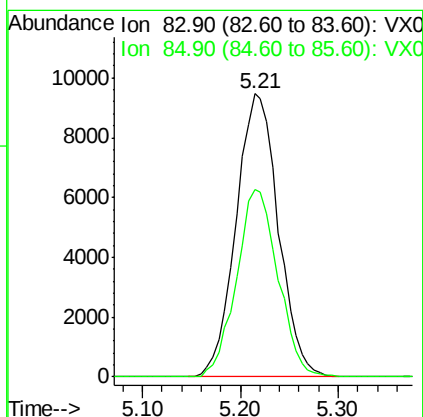
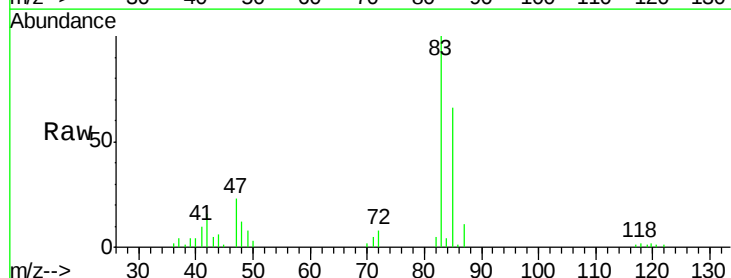
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

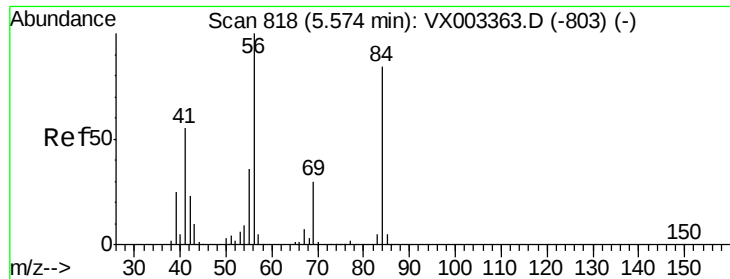
Tgt Ion: 42 Resp: 36282
Ion Ratio Lower Upper
42 100
72 44.6 32.0 48.0
71 41.6 30.1 45.1



#30
Chloroform
Concen: 5.102 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion: 83 Resp: 28341
Ion Ratio Lower Upper
83 100
85 66.2 50.4 75.6

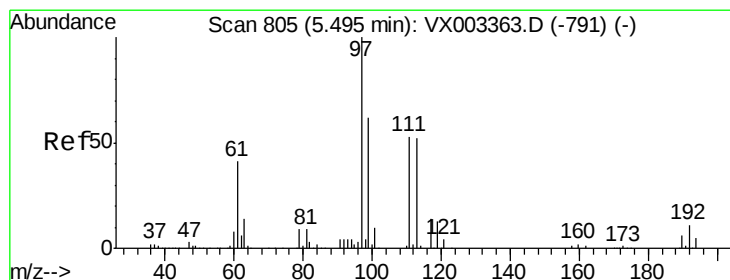
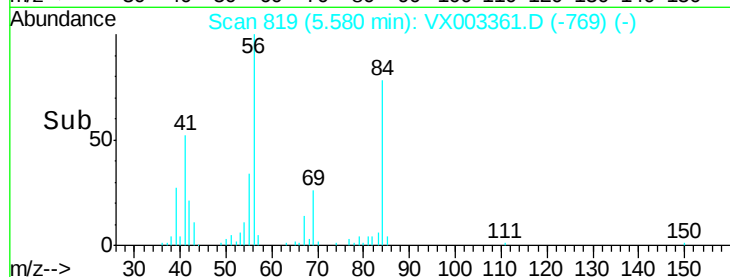
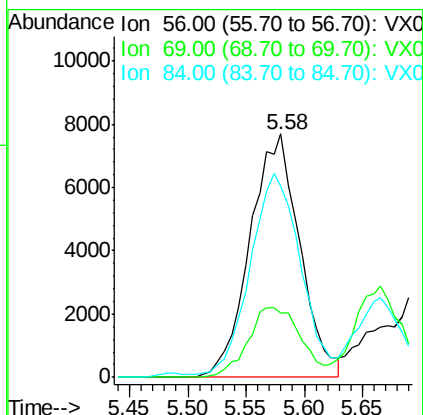
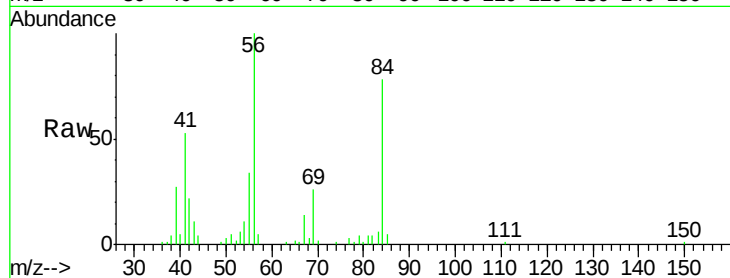




#31
Cyclohexane
Concen: 5.144 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

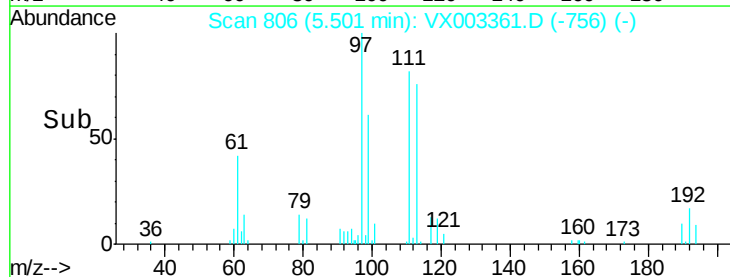
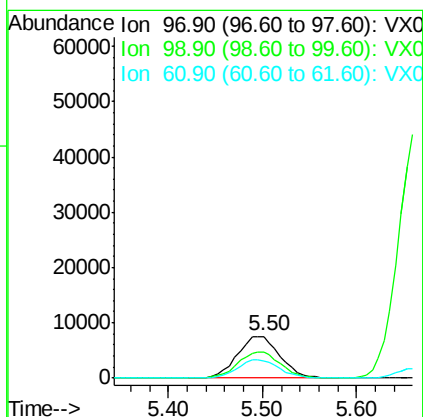
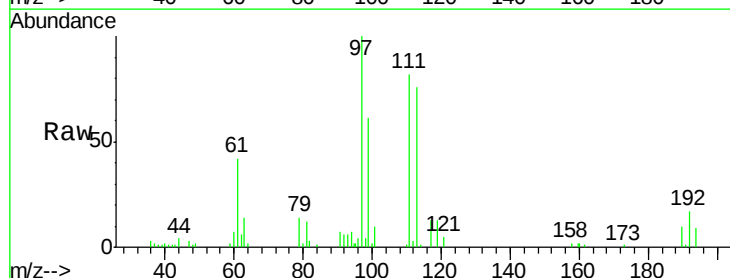
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

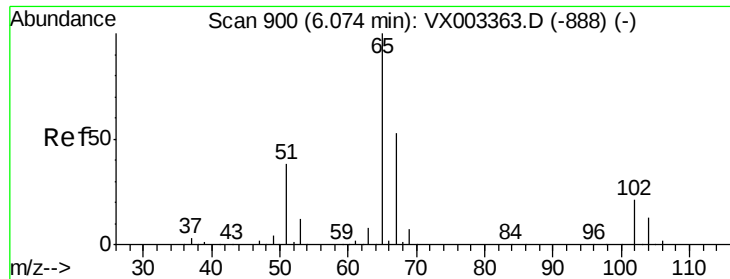
Tgt Ion: 56 Resp: 22814
Ion Ratio Lower Upper
56 100
69 26.3 23.7 35.5
84 76.9 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 5.131 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion: 97 Resp: 23743
Ion Ratio Lower Upper
97 100
99 63.3 51.6 77.4
61 44.1 36.4 54.6

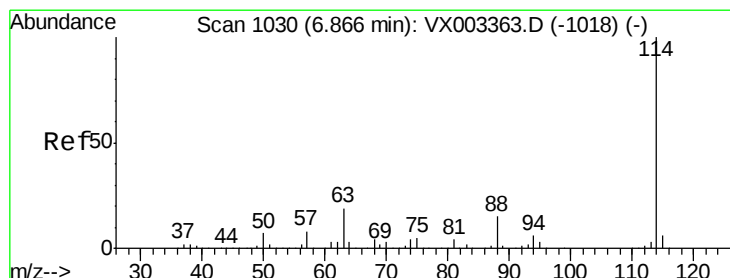
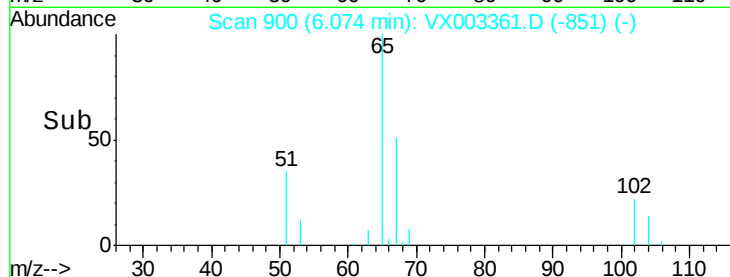
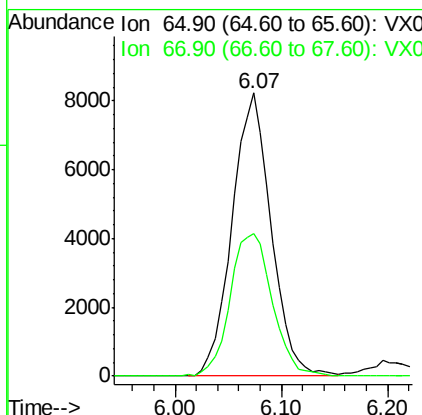
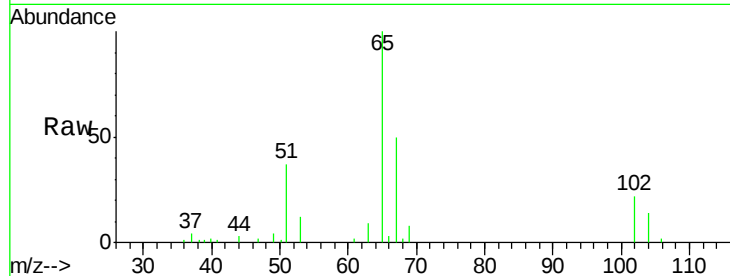




#33
 1,2-Dichloroethane-d4
 Concen: 5.455 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

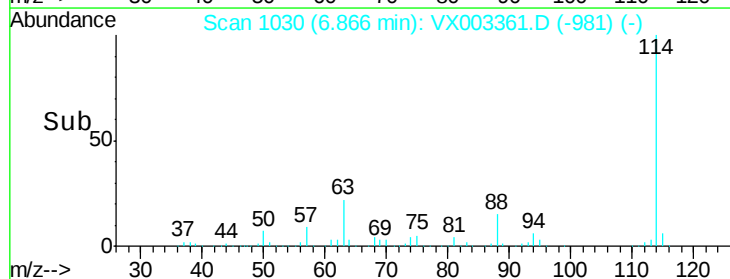
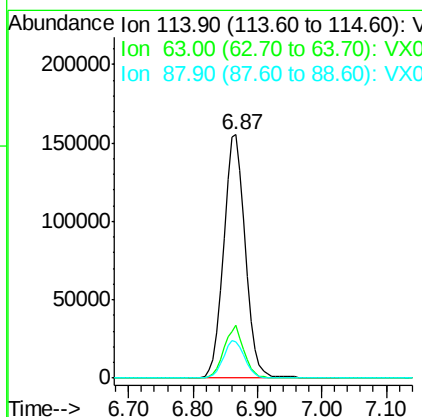
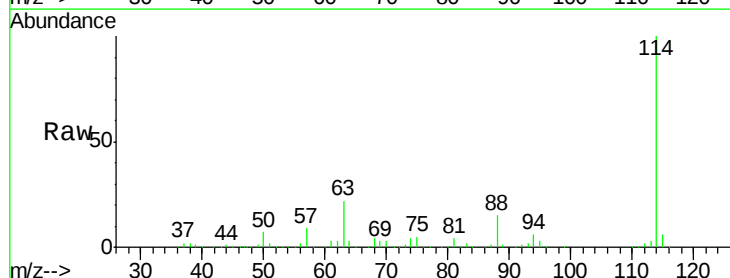
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

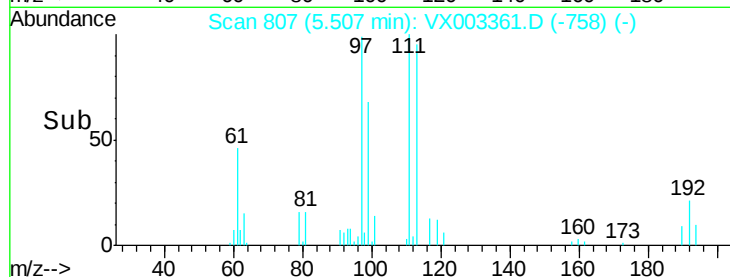
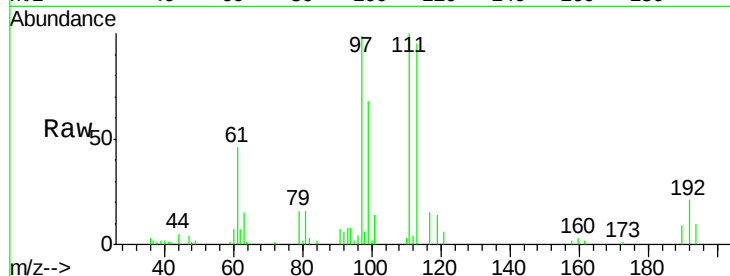
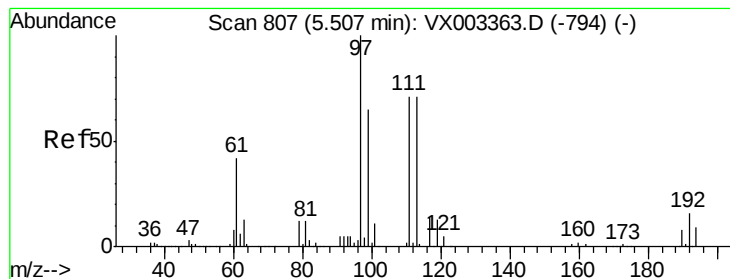
Tgt Ion: 65 Resp: 21177
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Tgt Ion: 114 Resp: 369059
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.4
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 6.442 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

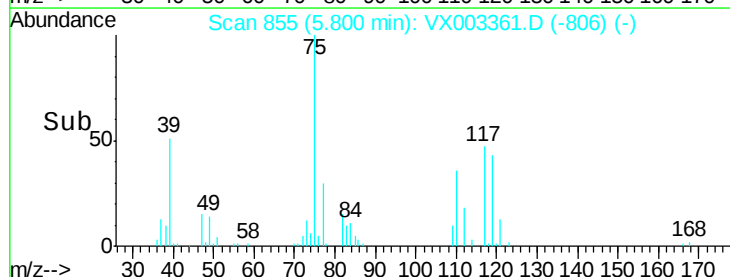
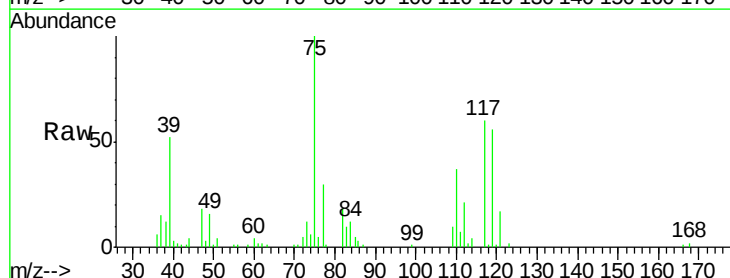
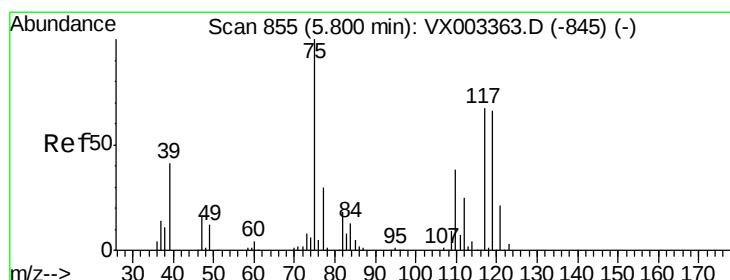
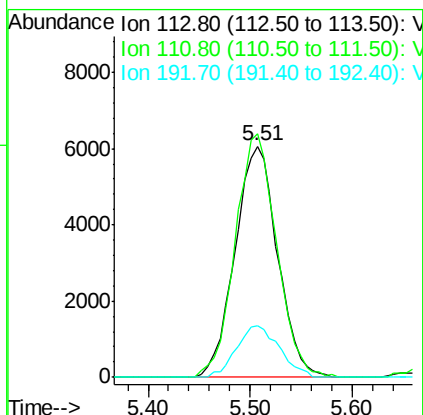
Tgt Ion:113 Resp: 17499

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 22.5 19.1 28.7



#36

1,1-Dichloropropene

Concen: 5.232 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

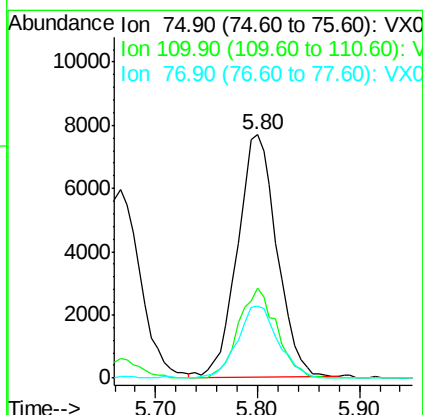
Tgt Ion: 75 Resp: 20515

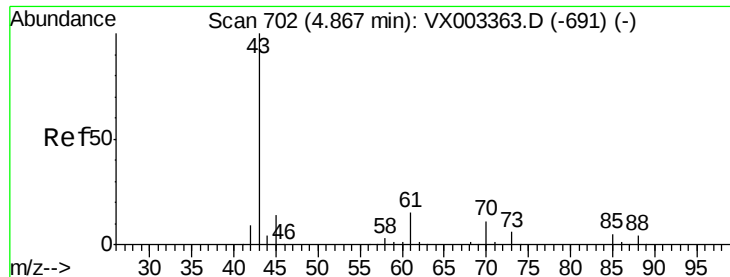
Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.4

77 30.9 24.3 36.5

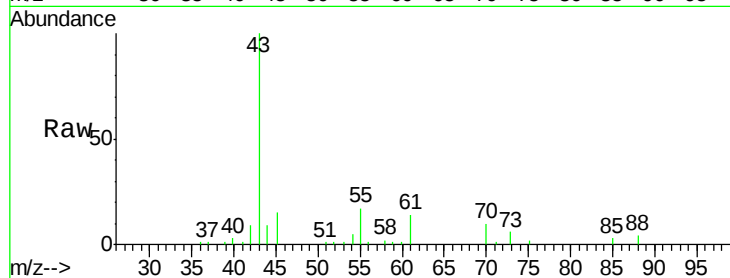




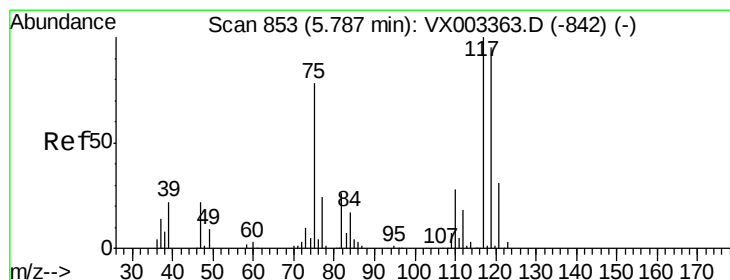
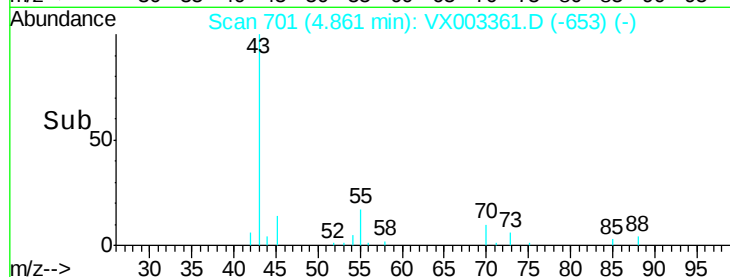
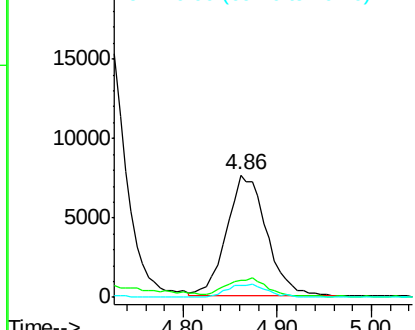
#37
Ethyl Acetate
Concen: 5.299 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 22769
Ion Ratio Lower Upper
43 100
61 14.4 10.4 15.6
70 10.5 7.6 11.4

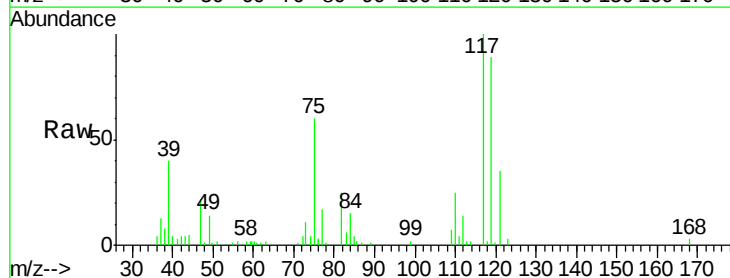


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

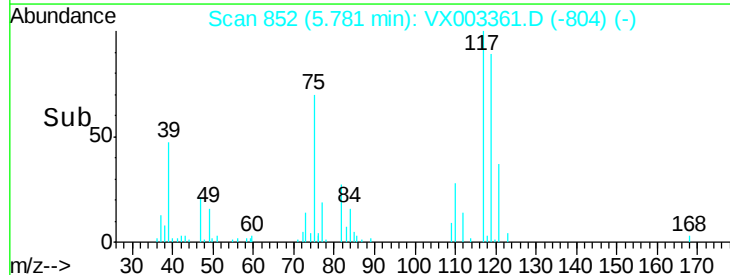
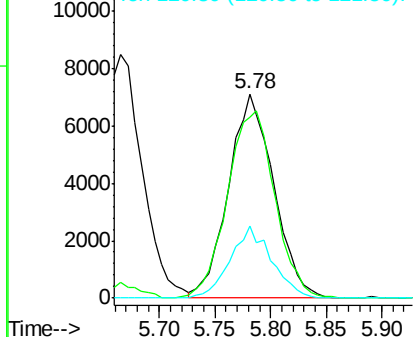


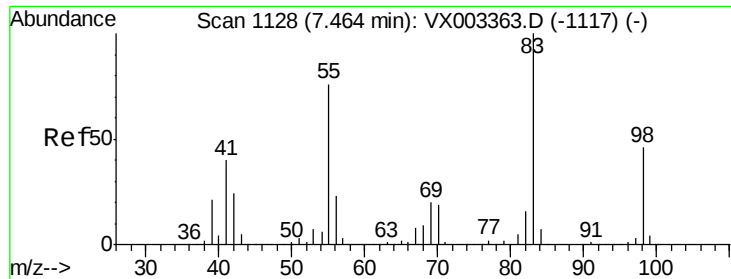
#38
Carbon Tetrachloride
Concen: 5.021 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion: 117 Resp: 20067
Ion Ratio Lower Upper
117 100
119 89.0 77.4 116.0
121 35.2 24.4 36.6



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

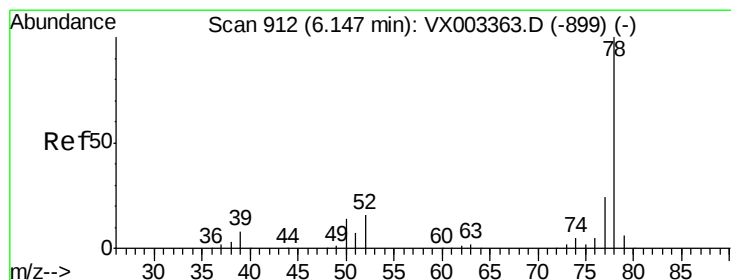
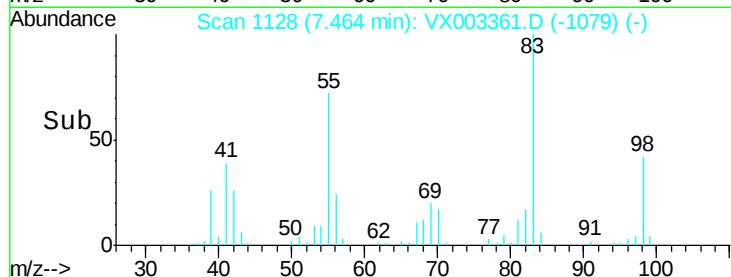
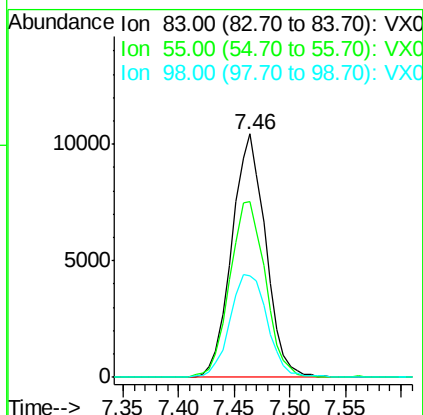
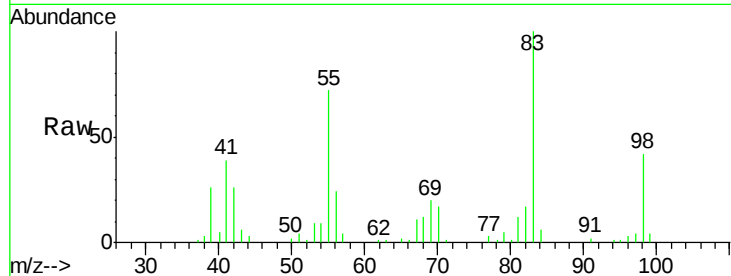




#39
Methylcyclohexane
Concen: 4.947 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

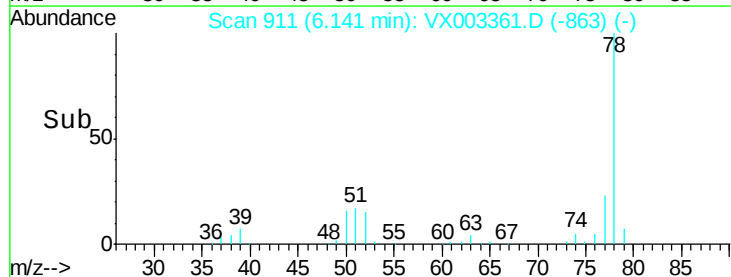
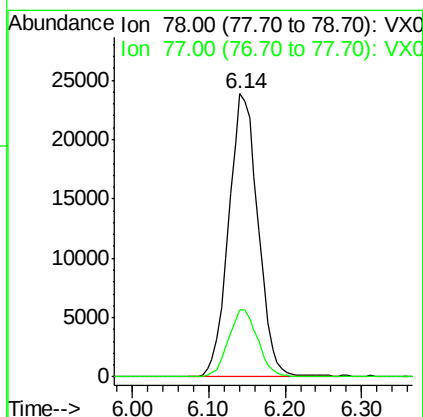
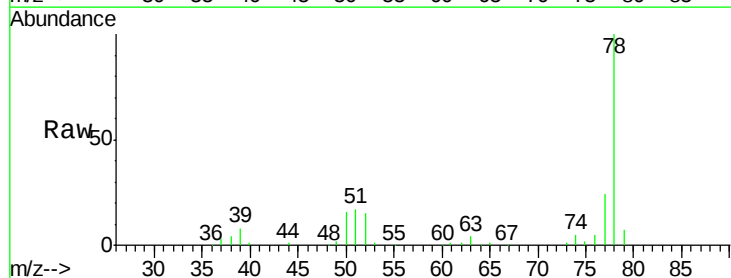
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

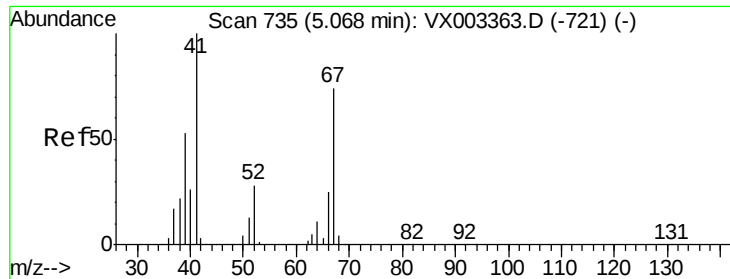
Tgt Ion: 83 Resp: 21956
Ion Ratio Lower Upper
83 100
55 72.1 65.4 98.0
98 41.8 37.4 56.0



#40
Benzene
Concen: 5.173 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion: 78 Resp: 63528
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

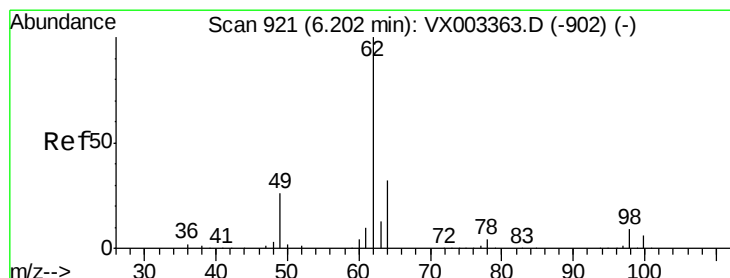
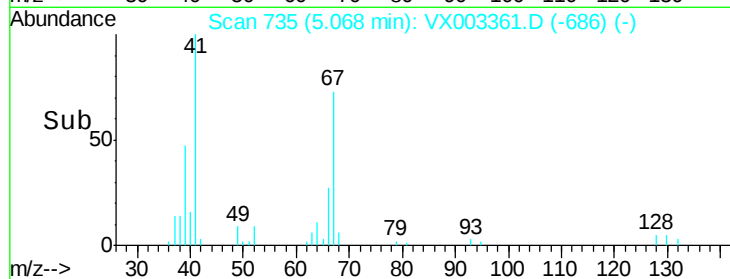
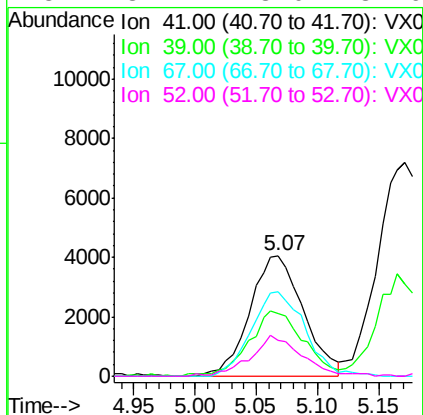
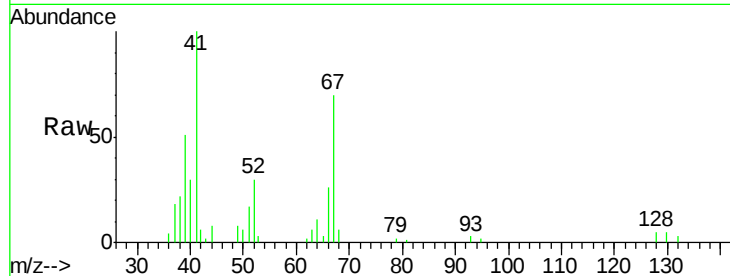




#41
Methacrylonitrile
Concen: 5.006 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

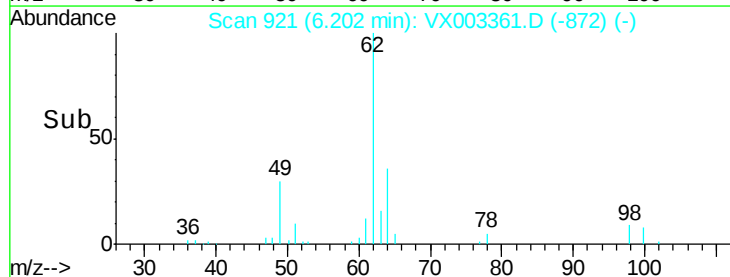
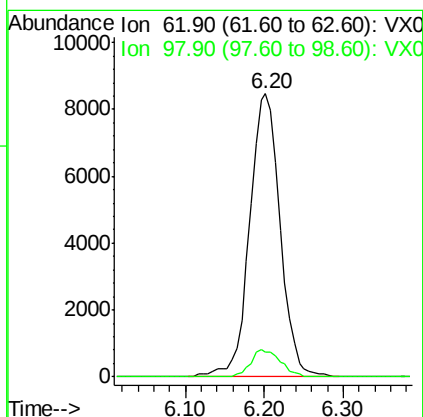
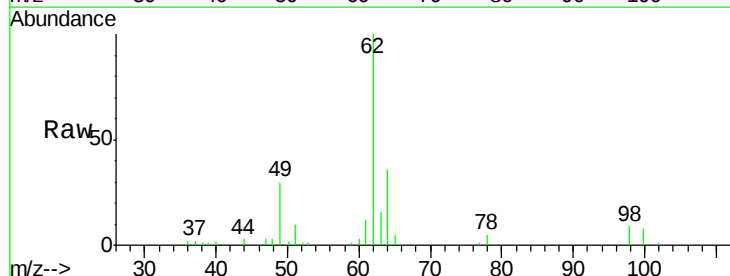
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

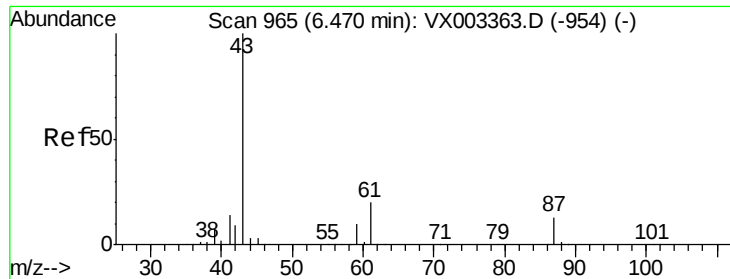
Tgt Ion:	41	Resp:	12321
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.8	68.6
67	71.0	51.3	76.9
52	32.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 5.292 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion:	62	Resp:	22700
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.6





#43

Isopropyl Acetate

Concen: 5.032 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

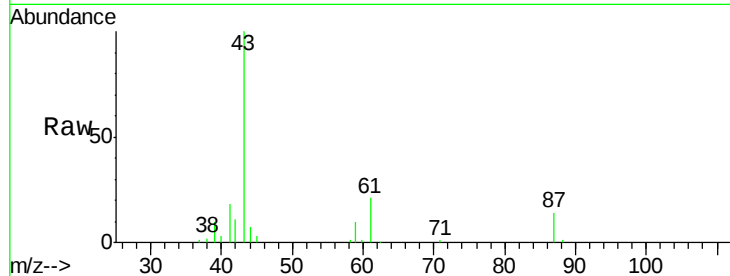
Tgt Ion: 43 Resp: 33877

Ion Ratio Lower Upper

43 100

61 20.1 14.4 21.6

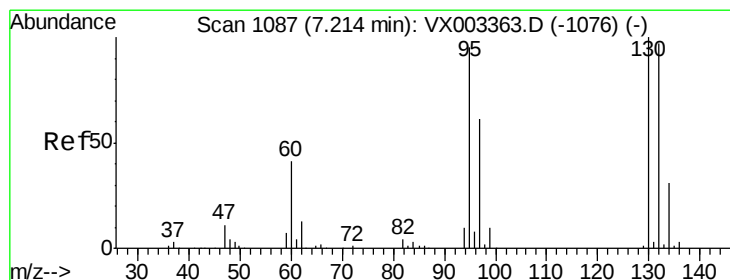
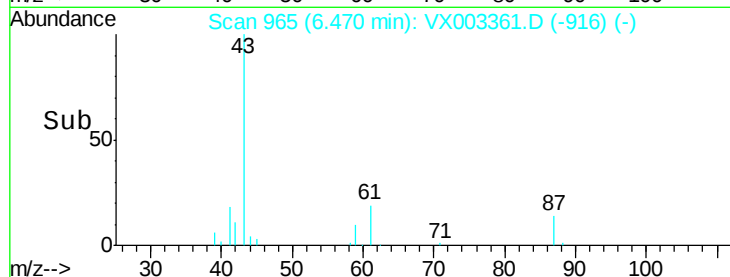
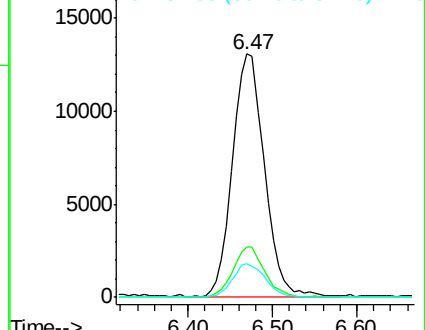
87 13.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.046 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003361.D

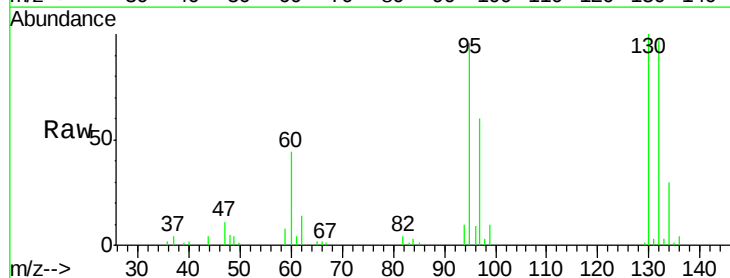
Acq: 13 Jul 2018 11:59

Tgt Ion: 130 Resp: 17557

Ion Ratio Lower Upper

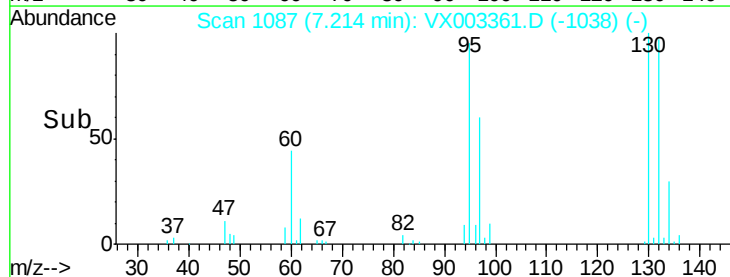
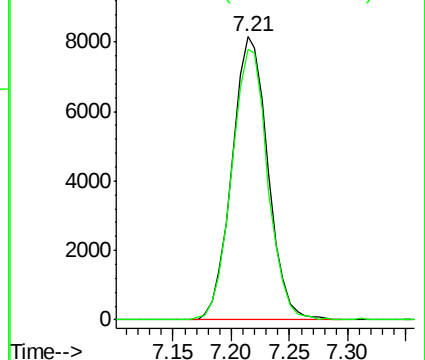
130 100

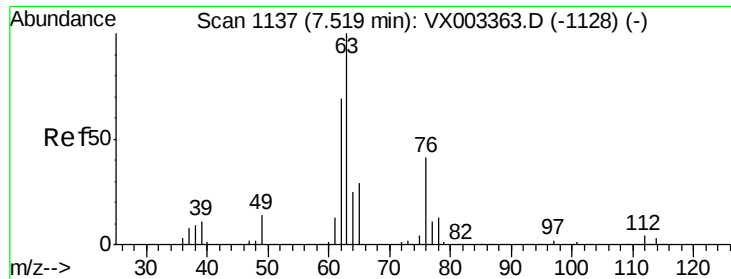
95 95.8 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.104 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

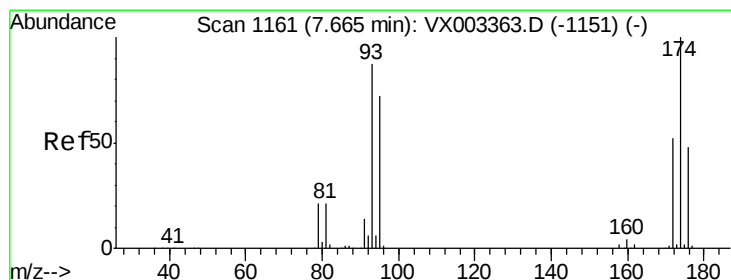
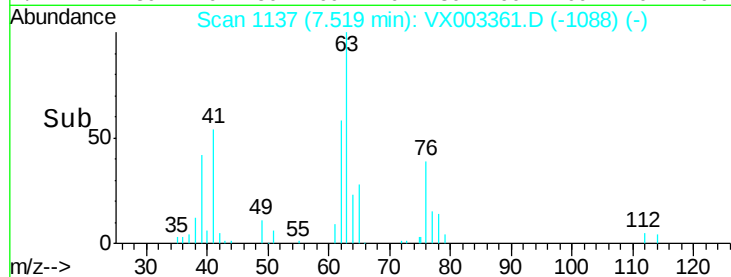
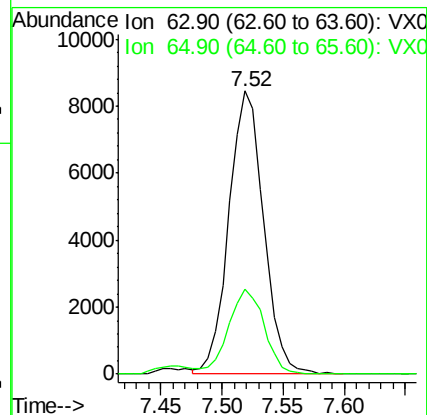
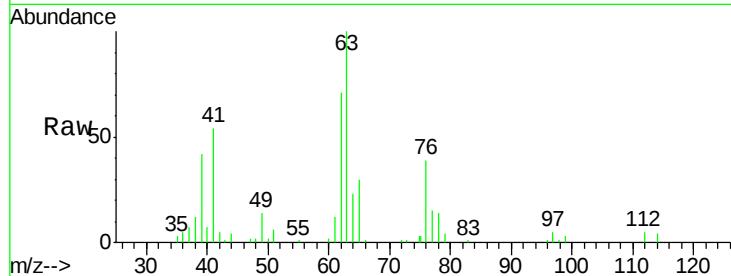
VSTDIC005

Tgt Ion: 63 Resp: 16626

Ion Ratio Lower Upper

63 100

65 30.0 24.7 37.1



#46

Dibromomethane

Concen: 5.193 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

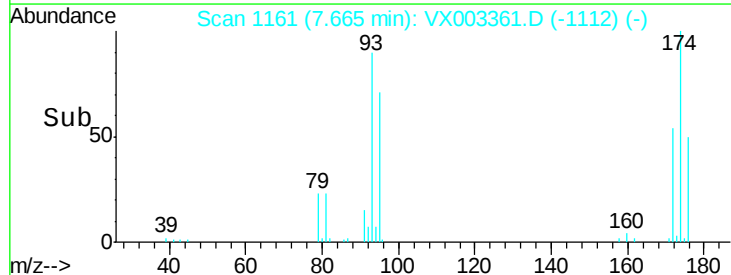
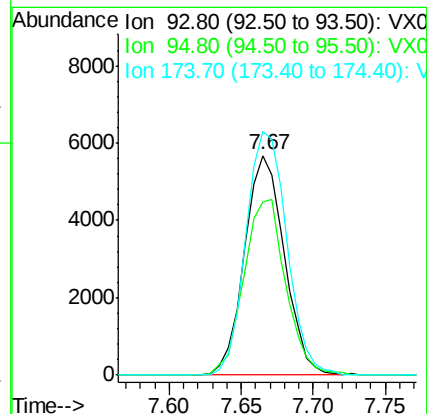
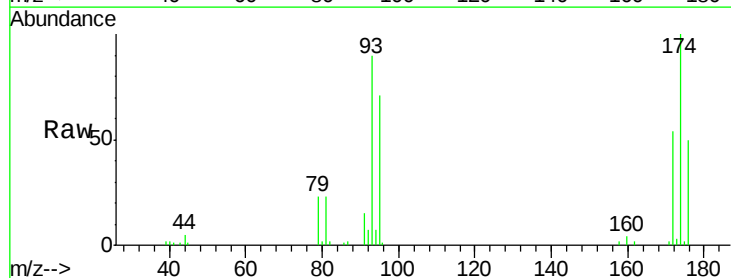
Tgt Ion: 93 Resp: 10877

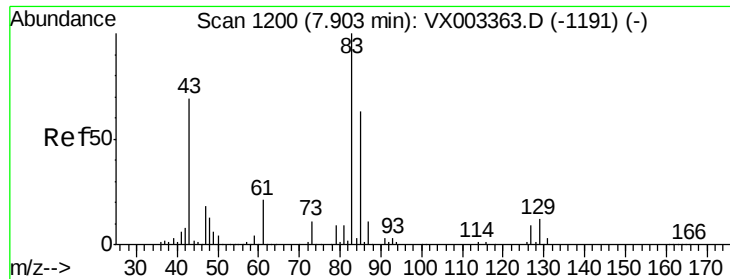
Ion Ratio Lower Upper

93 100

95 83.9 65.9 98.9

174 113.8 92.4 138.6





#47

Bromodichloromethane

Concen: 4.863 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

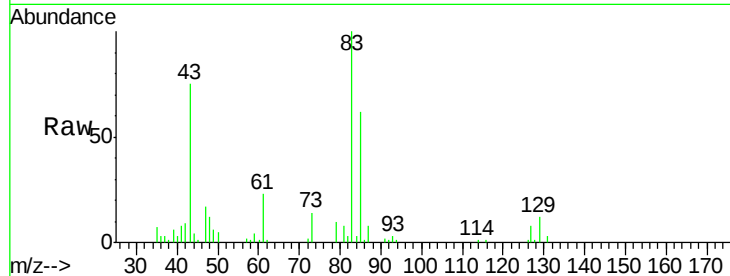
Tgt Ion: 83 Resp: 19203

Ion Ratio Lower Upper

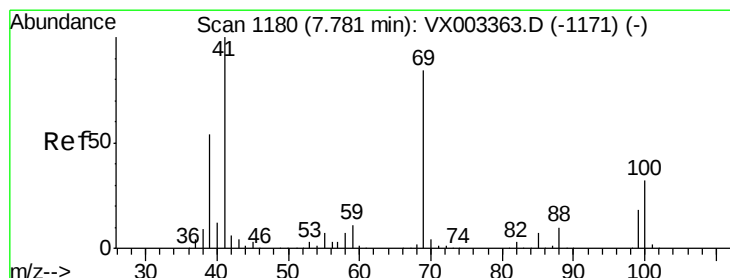
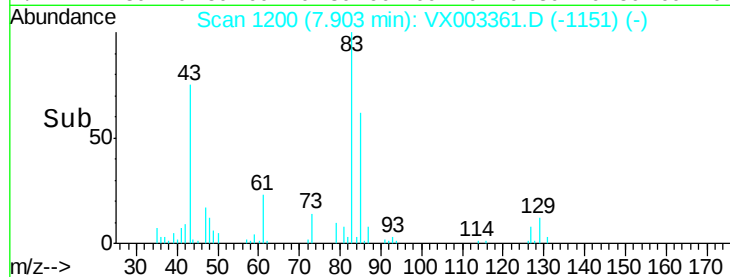
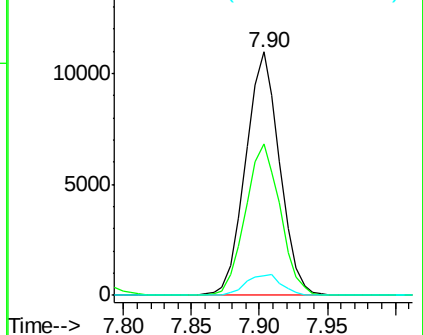
83 100

85 62.2 50.3 75.5

127 8.0 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: 4.945 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

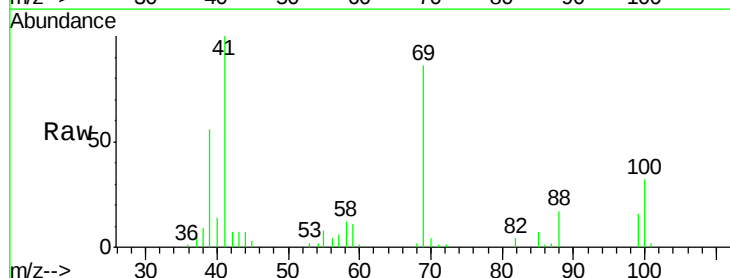
Tgt Ion: 41 Resp: 16992

Ion Ratio Lower Upper

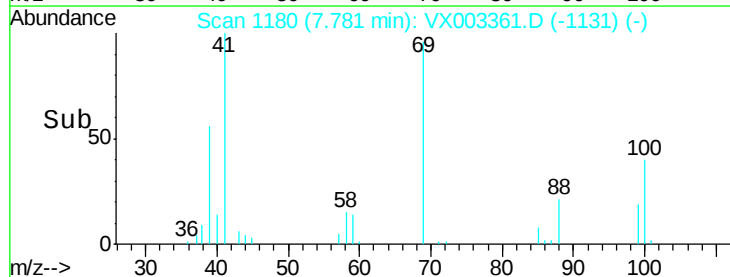
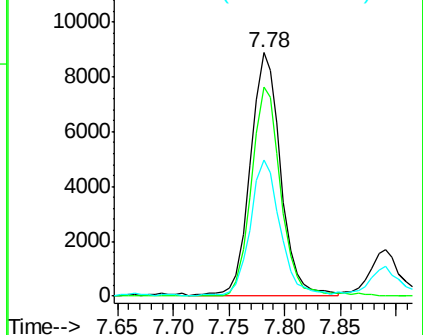
41 100

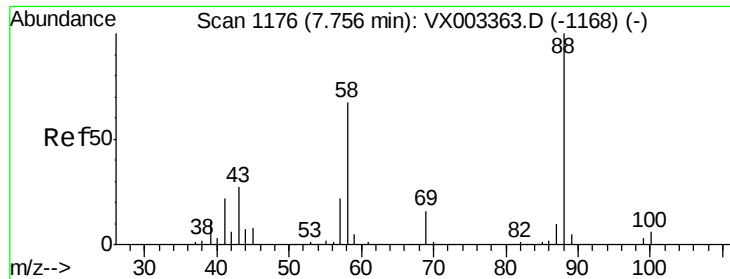
69 82.0 59.1 88.7

39 55.2 48.9 73.3



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

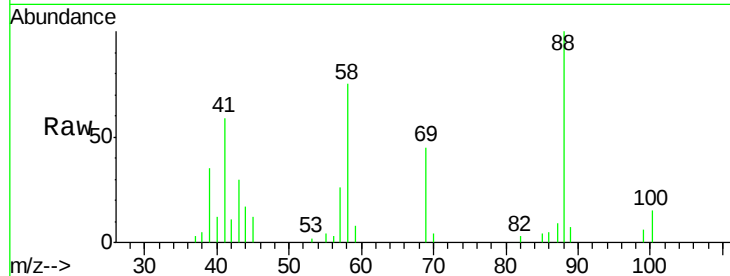




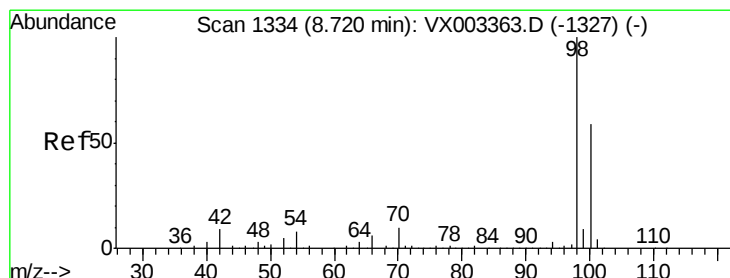
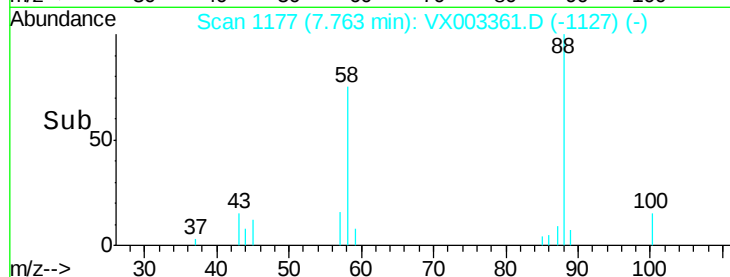
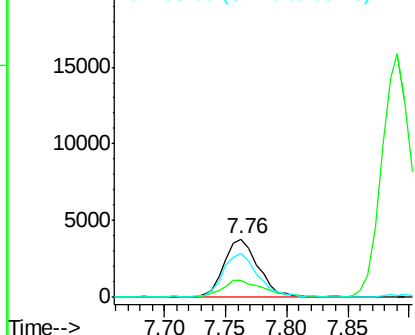
#49
 1,4-Dioxane
 Concen: 98.637 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 88 Resp: 7397
 Ion Ratio Lower Upper
 88 100
 43 36.8 29.8 44.6
 58 77.3 57.1 85.7

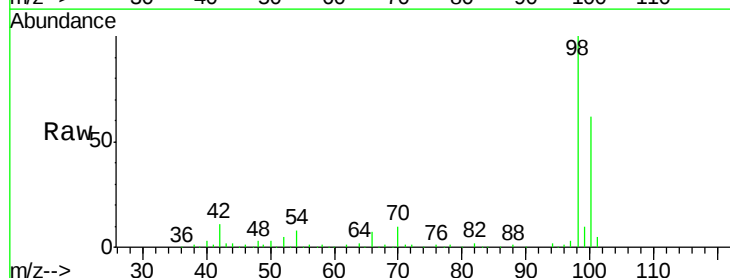


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

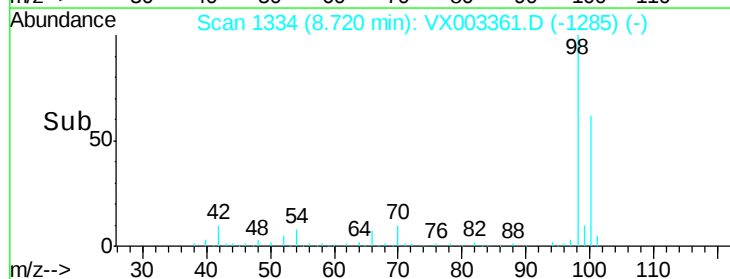
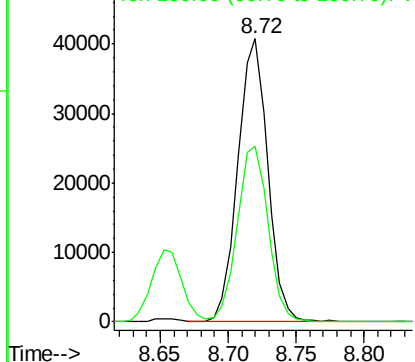


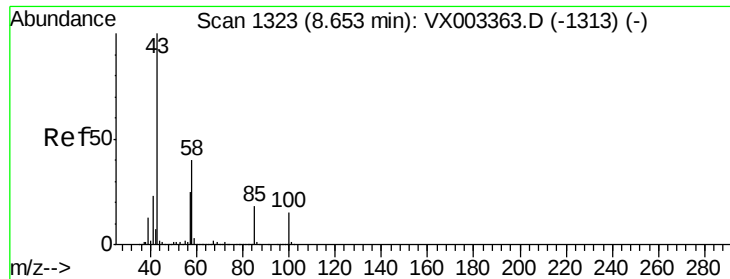
#50
 Toluene-d8
 Concen: 5.329 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Tgt Ion: 98 Resp: 62057
 Ion Ratio Lower Upper
 98 100
 100 65.2 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 25.618 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

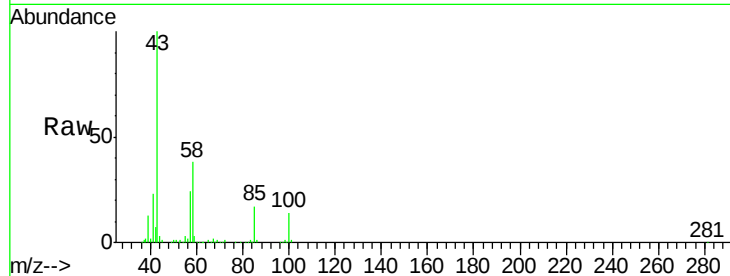
VSTDIC005

Tgt Ion: 43 Resp: 112751

Ion Ratio Lower Upper

43 100

58 38.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

60000

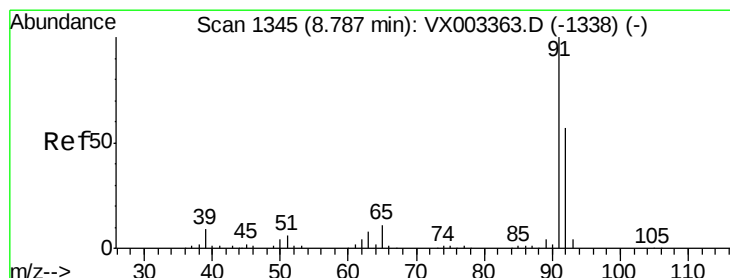
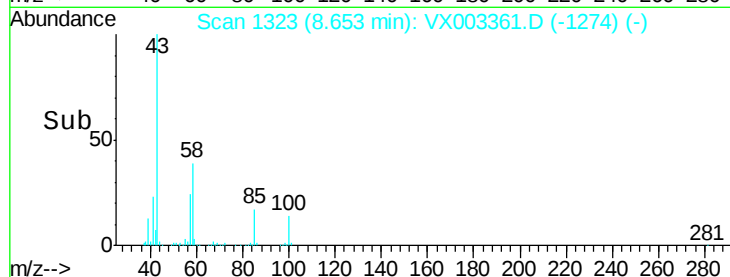
40000

20000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 5.133 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003361.D

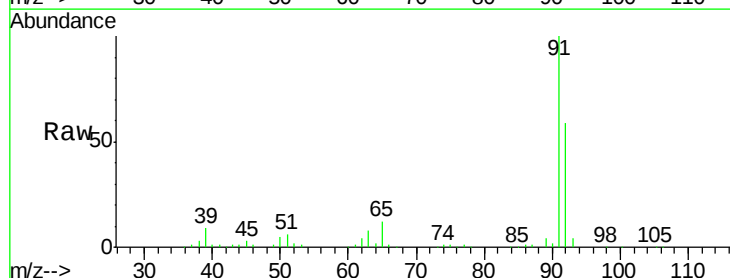
Acq: 13 Jul 2018 11:59

Tgt Ion: 92 Resp: 39942

Ion Ratio Lower Upper

92 100

91 172.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

50000

40000

30000

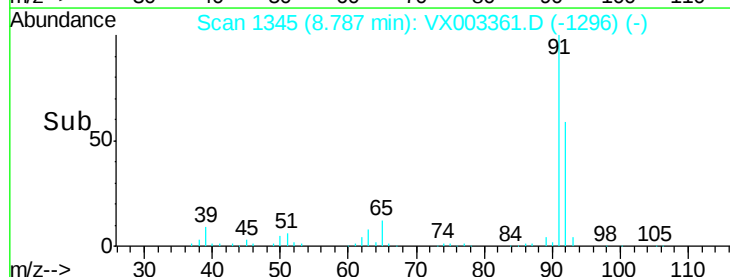
20000

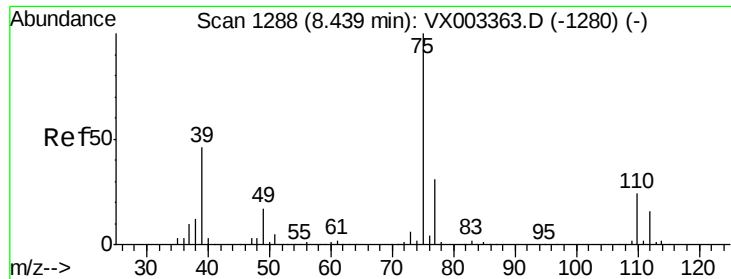
10000

0

8.70 8.75 8.80 8.85 8.90

Time-->

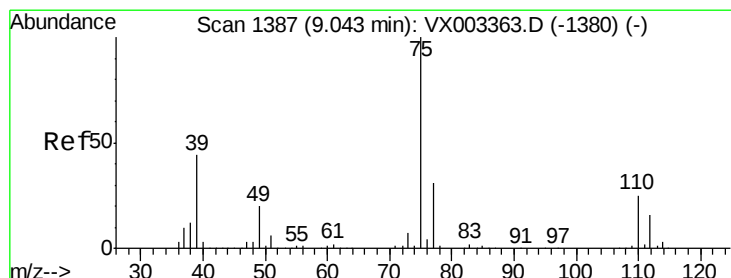
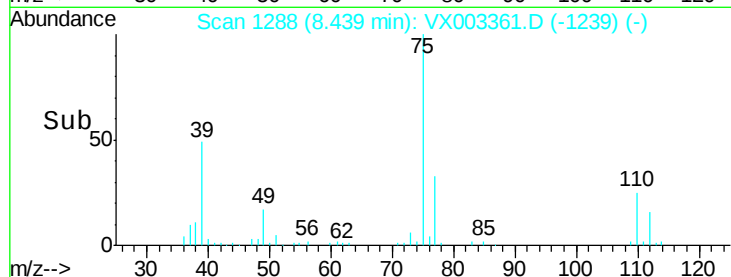
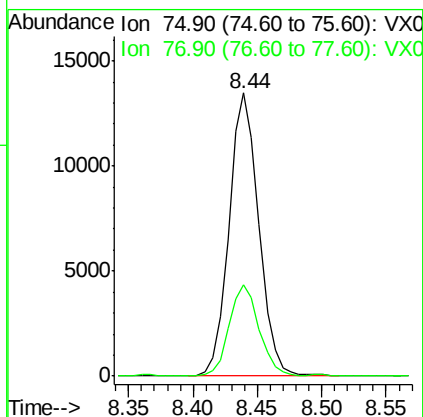
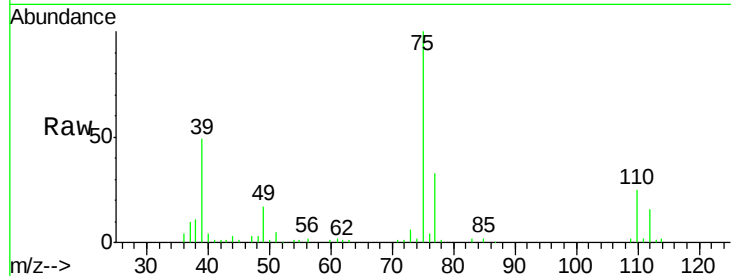




#53
 t-1,3-Dichloropropene
 Concen: 4.680 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

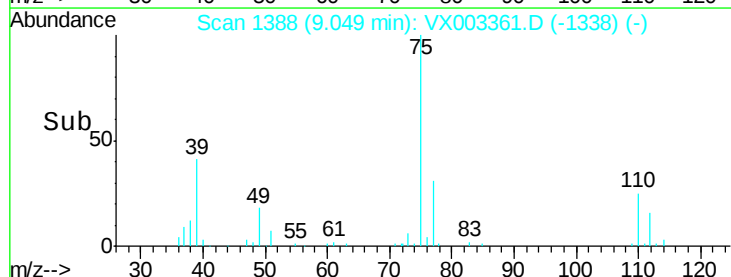
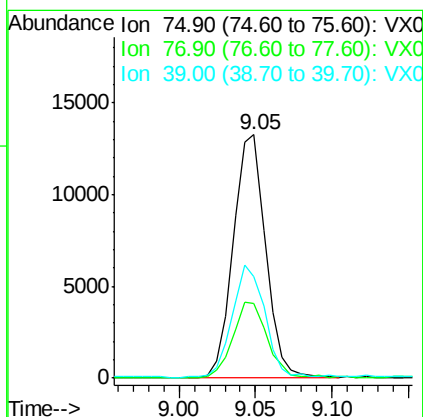
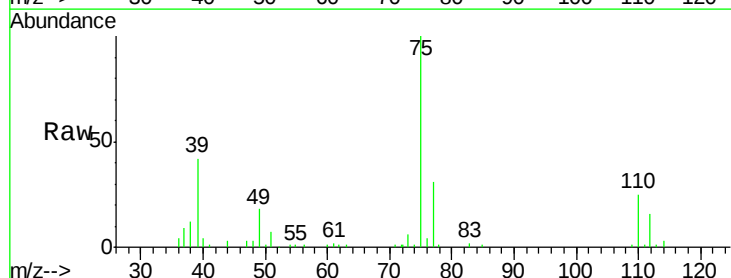
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

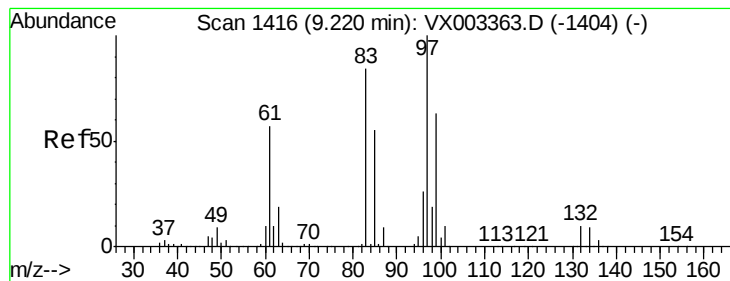
Tgt Ion: 75 Resp: 21704
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 4.611 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Tgt Ion: 75 Resp: 19534
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2
 39 41.2 42.4 63.6#





#55

1,1,2-Trichloroethane

Concen: 5.162 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 16765

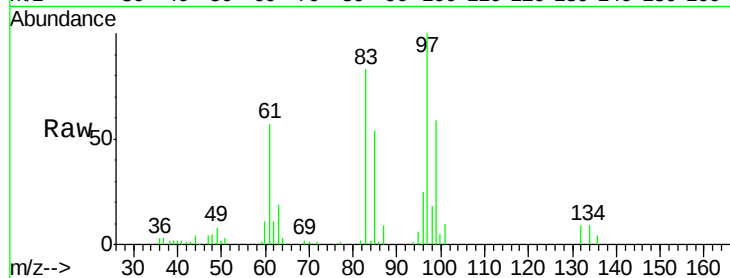
Ion Ratio Lower Upper

97 100

83 83.0 70.2 105.2

85 53.6 44.9 67.3

99 59.0 49.8 74.8

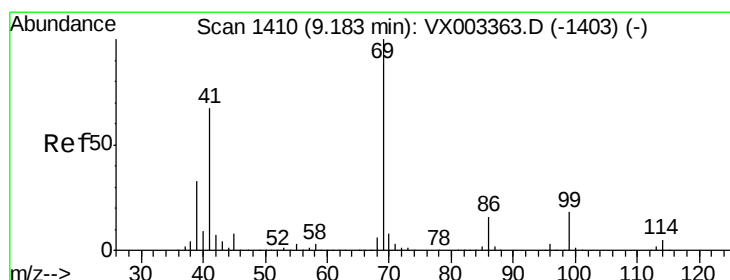
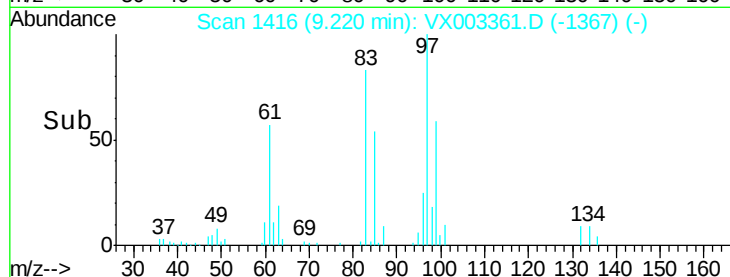
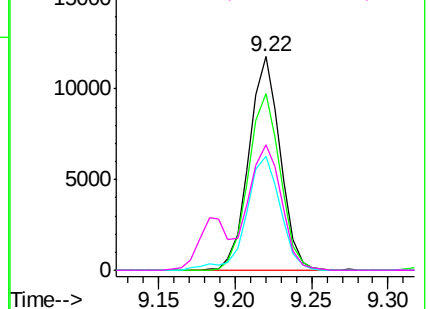


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 4.694 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

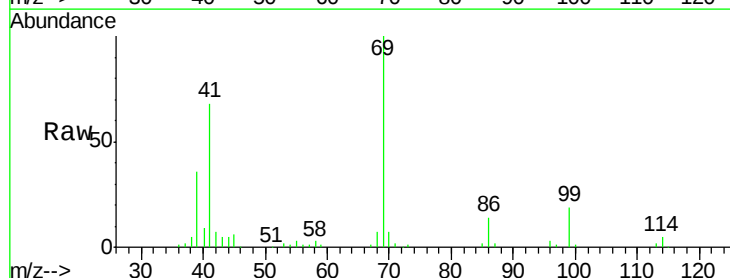
Tgt Ion: 69 Resp: 21776

Ion Ratio Lower Upper

69 100

41 66.5 60.3 90.5

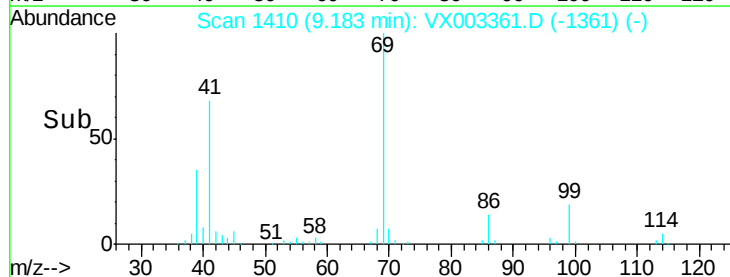
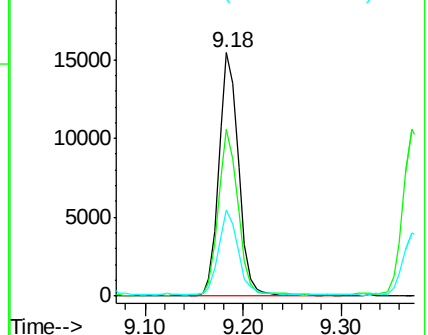
39 35.5 35.8 53.8#

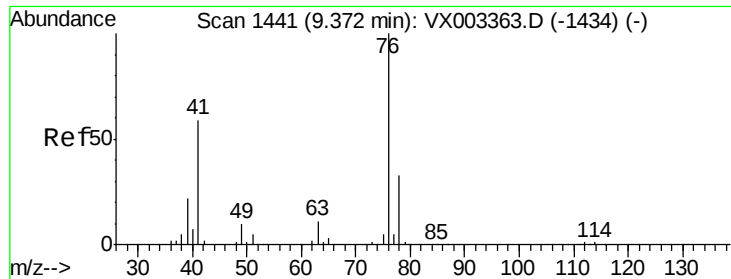


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

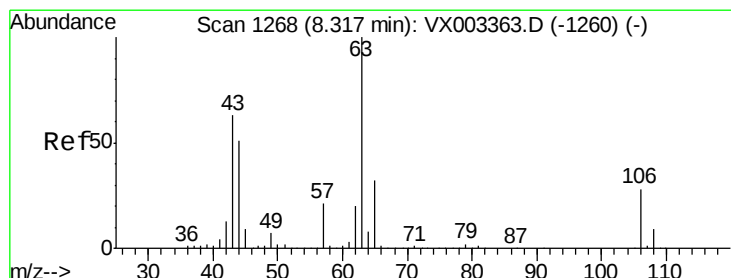
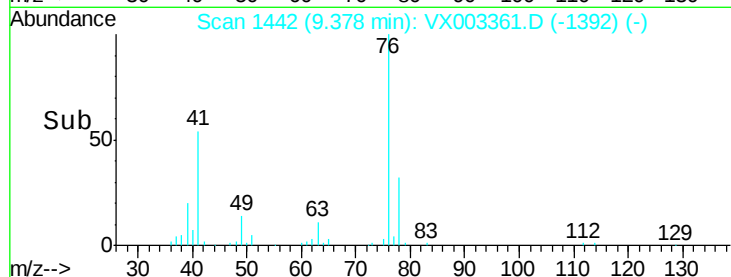
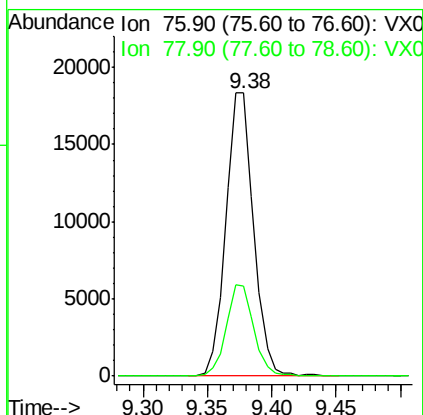
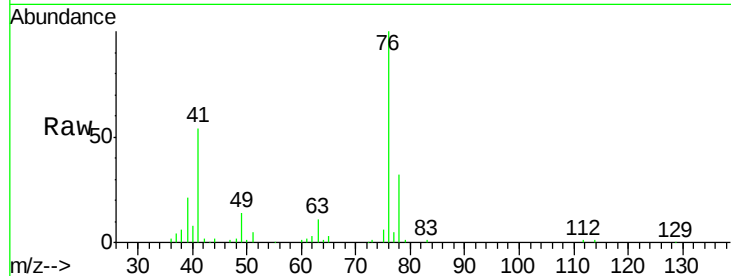




#57
 1,3-Dichloropropane
 Concen: 5.258 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

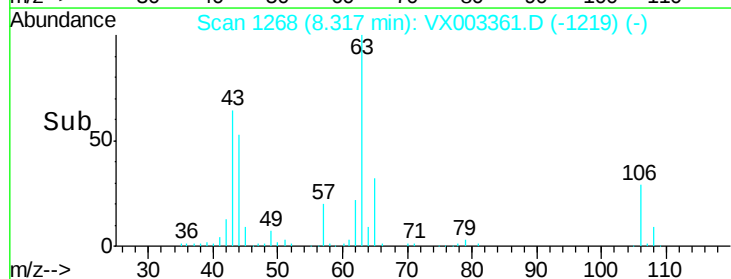
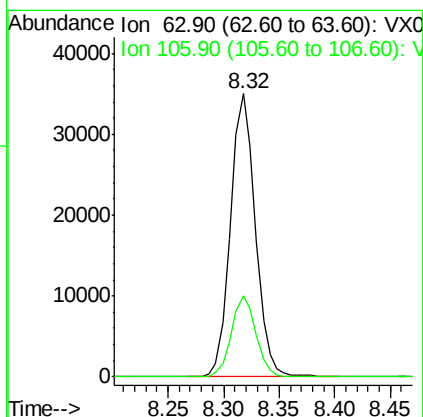
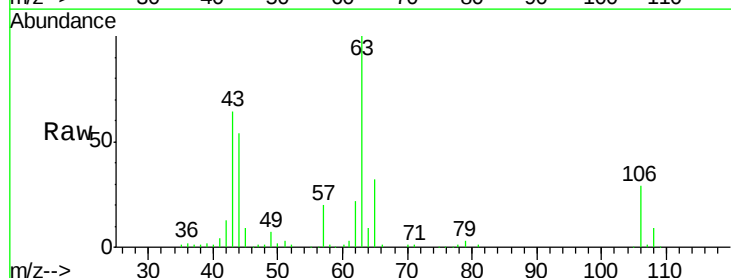
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

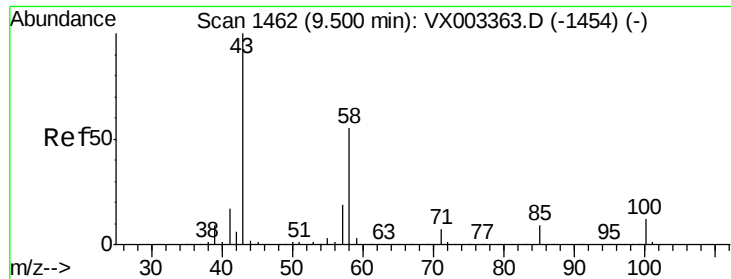
Tgt Ion: 76 Resp: 27681
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 24.056 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Tgt Ion: 63 Resp: 54232
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.8 32.8

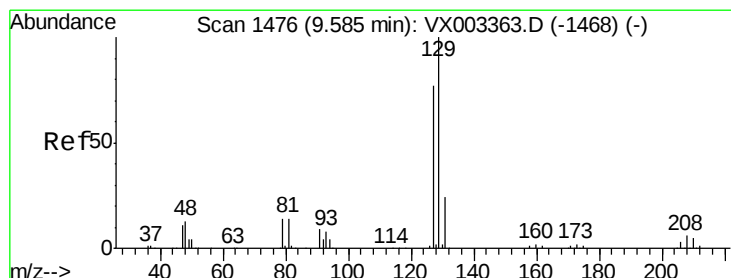
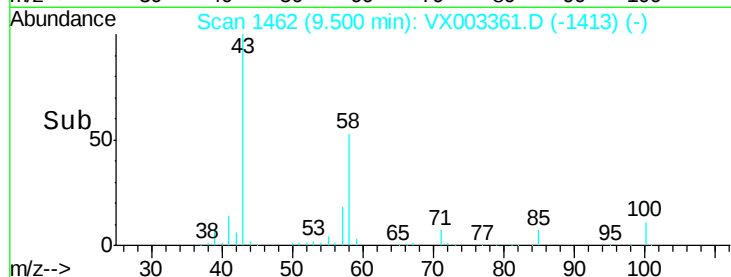
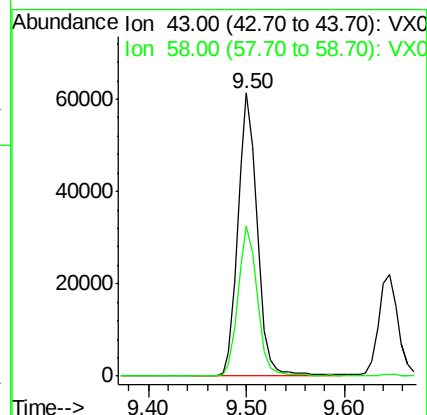
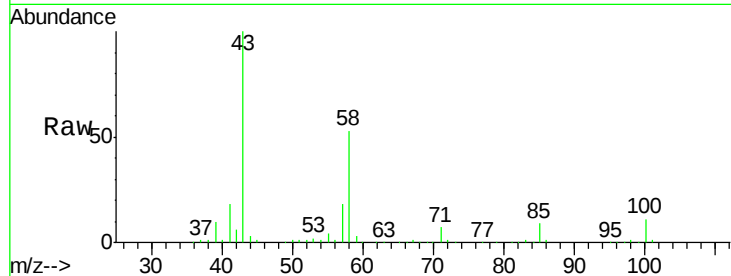




#59
2-Hexanone
Concen: 25.998 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

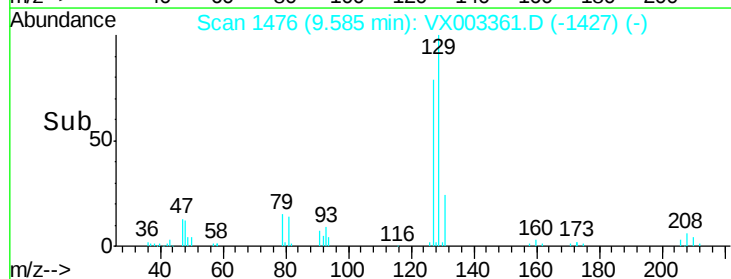
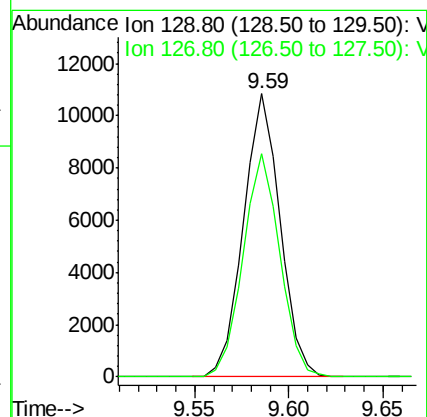
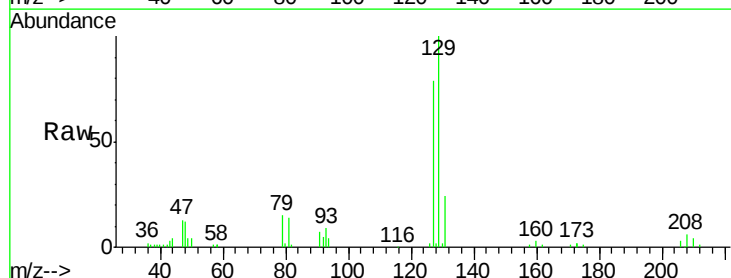
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

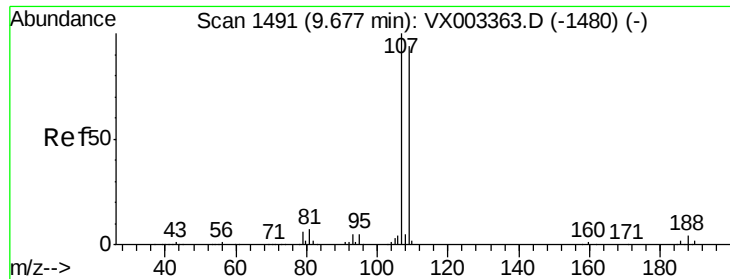
Tgt Ion: 43 Resp: 84396
Ion Ratio Lower Upper
43 100
58 52.8 24.6 73.6



#60
Dibromochloromethane
Concen: 4.637 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion: 129 Resp: 14619
Ion Ratio Lower Upper
129 100
127 78.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 5.046 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

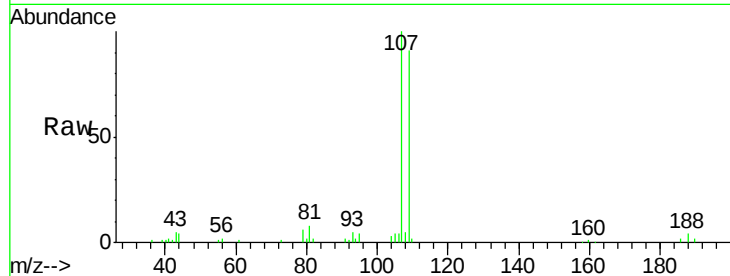
VSTDIC005

Tgt Ion: 107 Resp: 16526

Ion Ratio Lower Upper

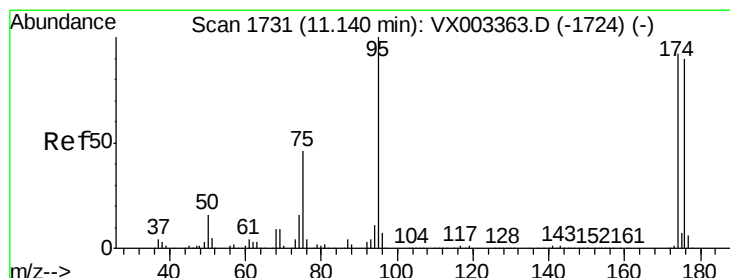
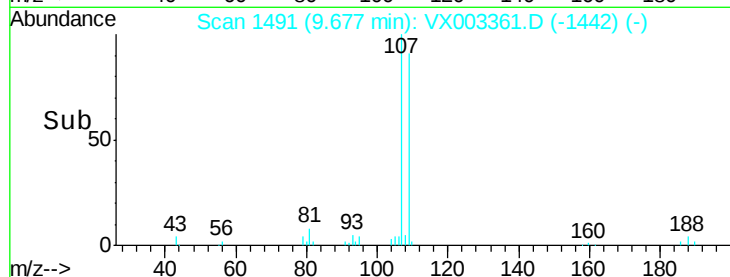
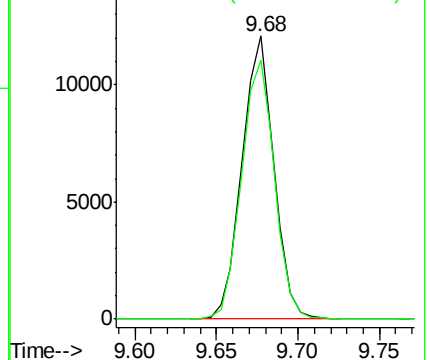
107 100

109 94.3 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: 5.292 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

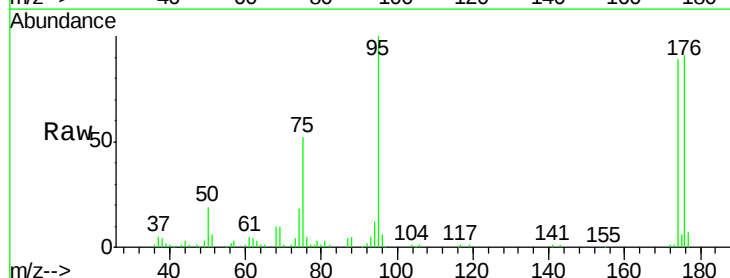
Tgt Ion: 95 Resp: 20016

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.4

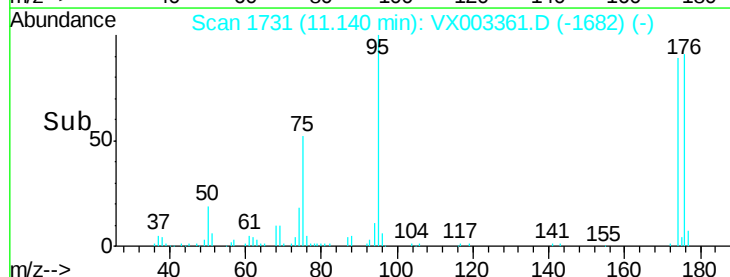
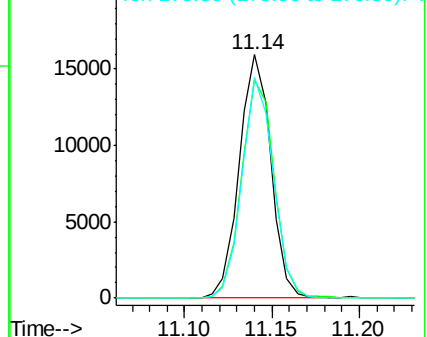
176 89.9 0.0 181.0

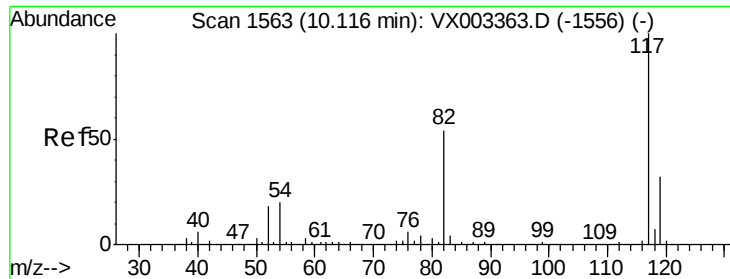


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

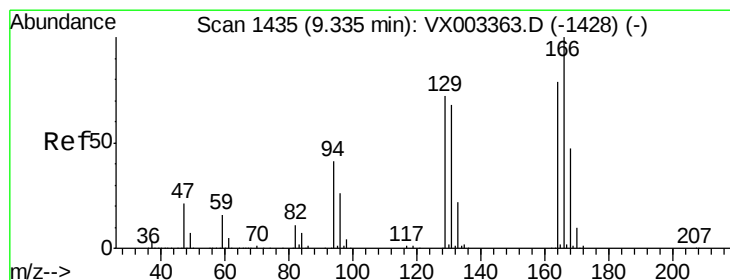
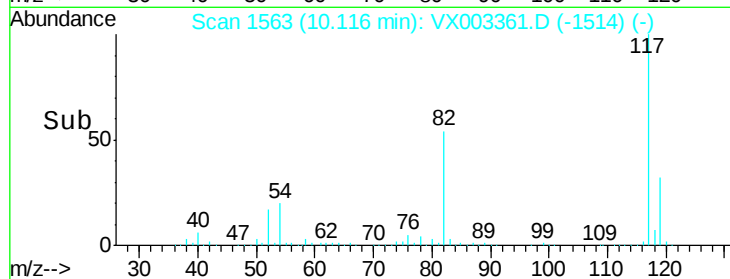
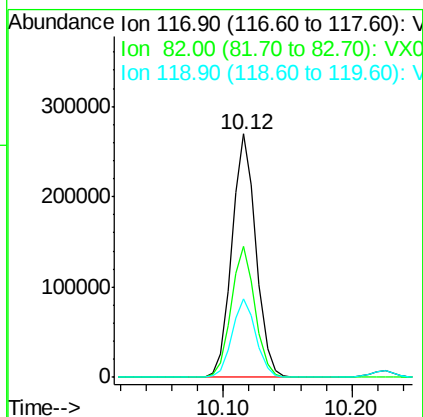
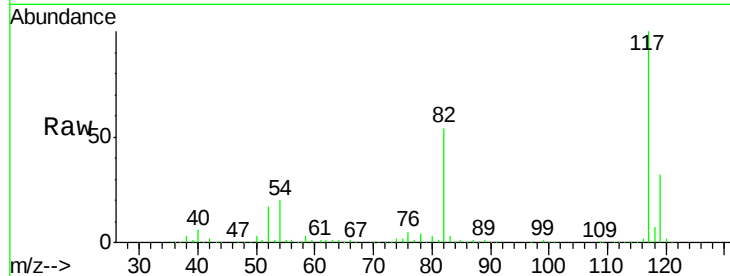




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

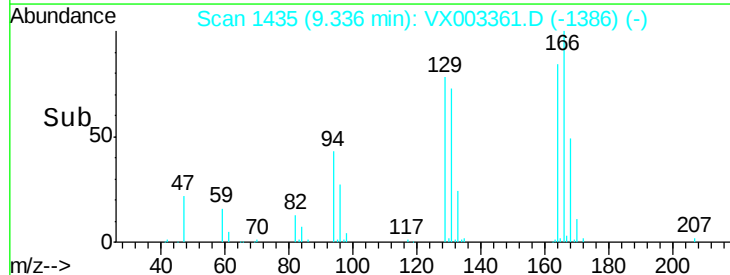
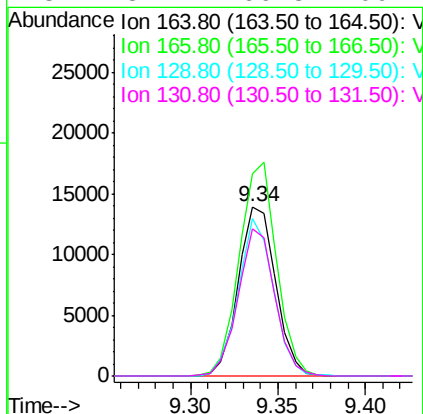
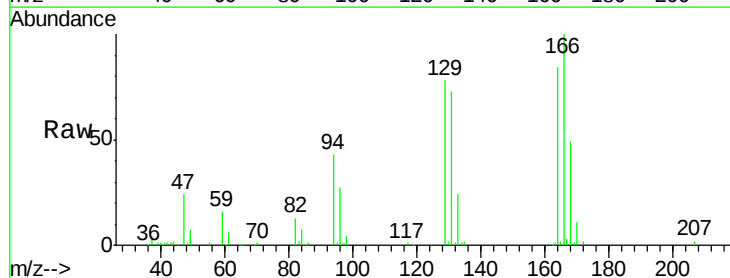
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

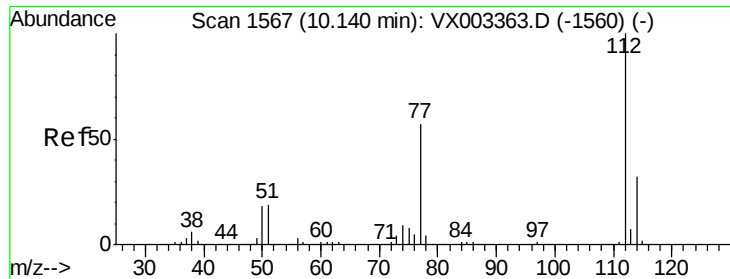
Tgt Ion:117 Resp: 351474
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 5.412 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion:164 Resp: 20600
Ion Ratio Lower Upper
164 100
166 119.5 102.9 154.3
129 93.0 68.6 102.8
131 87.1 66.8 100.2





#65

Chlorobenzene

Concen: 5.149 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

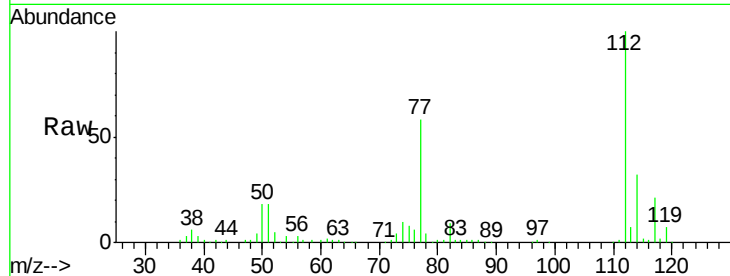
VSTDIC005

Tgt Ion:112 Resp: 46468

Ion Ratio Lower Upper

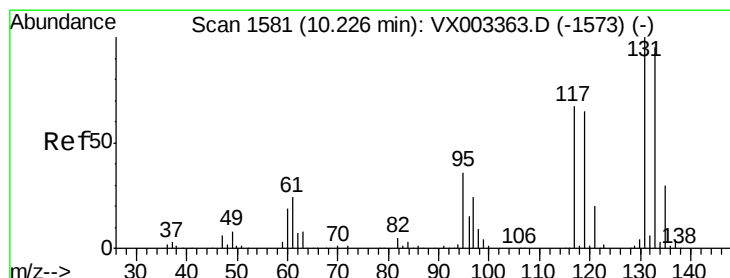
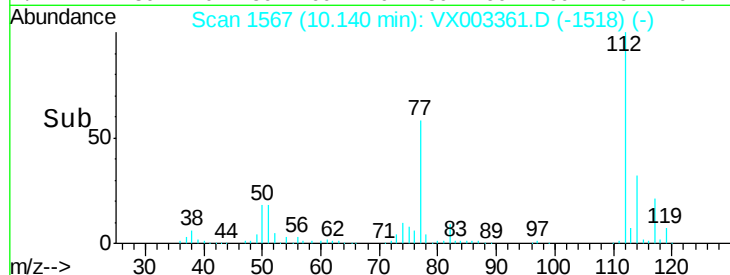
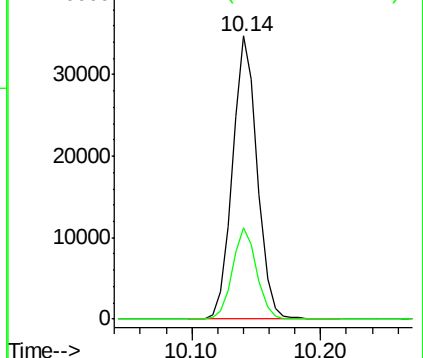
112 100

114 32.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.837 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

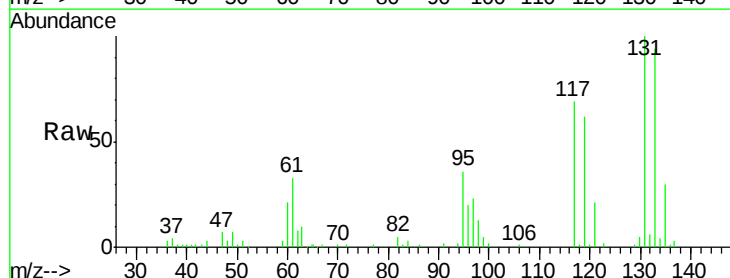
Tgt Ion:131 Resp: 15435

Ion Ratio Lower Upper

131 100

133 97.3 47.9 143.6

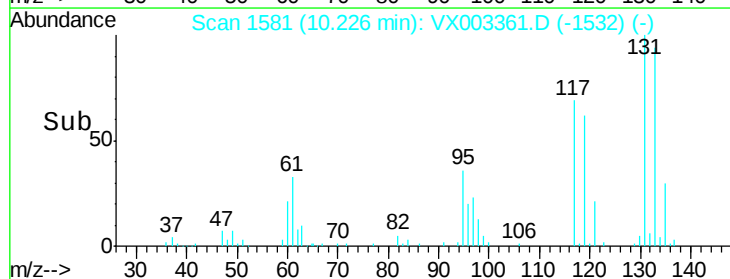
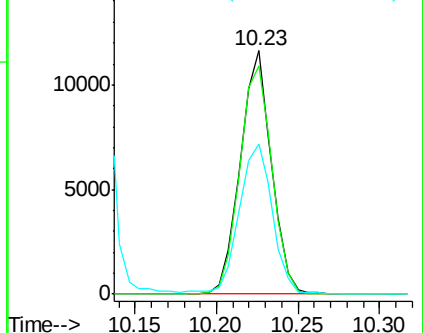
119 65.8 31.8 95.3

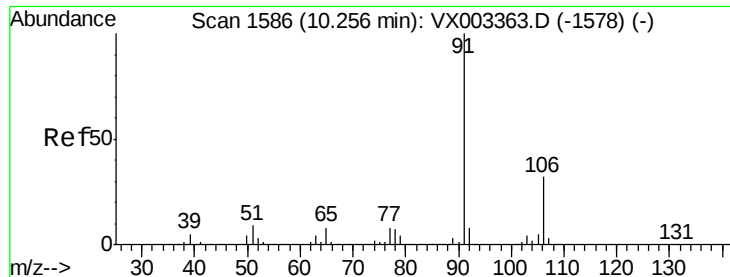


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

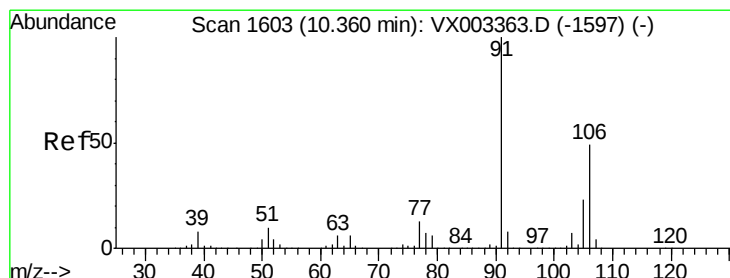
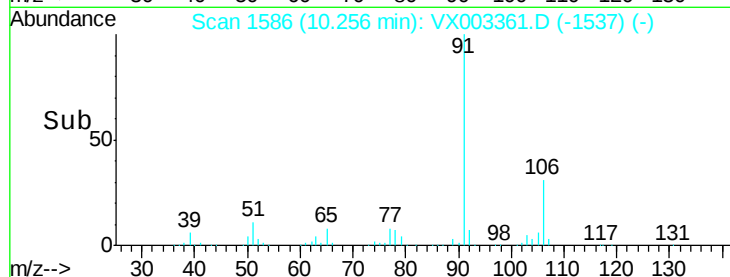
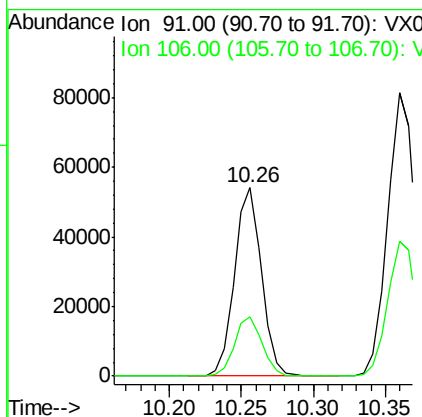
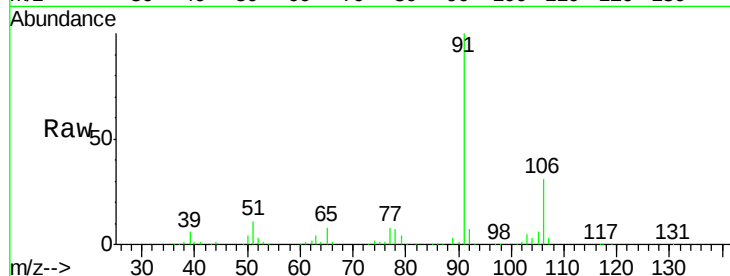




#67
 Ethyl Benzene
 Concen: 4.830 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

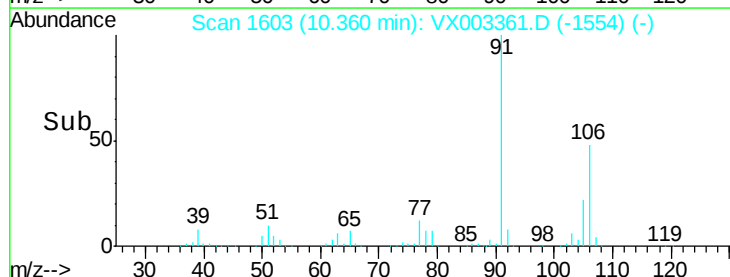
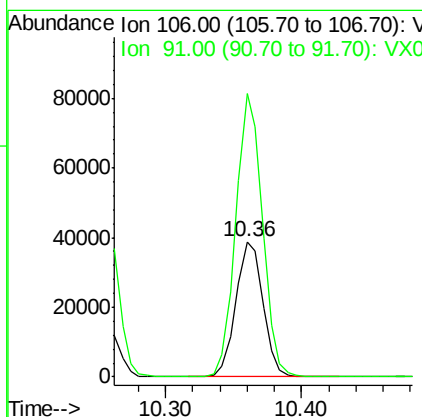
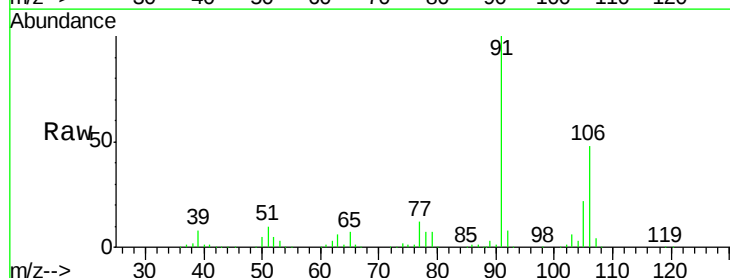
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

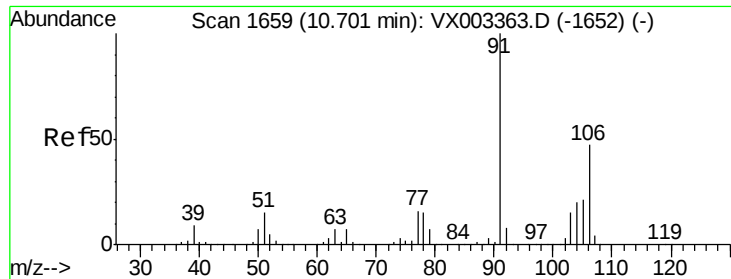
Tgt Ion: 91 Resp: 70936
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.5 38.3



#68
 m/p-Xylenes
 Concen: 9.533 ug/l
 RT: 10.36 min Scan# 1603
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Tgt Ion: 106 Resp: 53938
 Ion Ratio Lower Upper
 106 100
 91 205.1 163.4 245.2

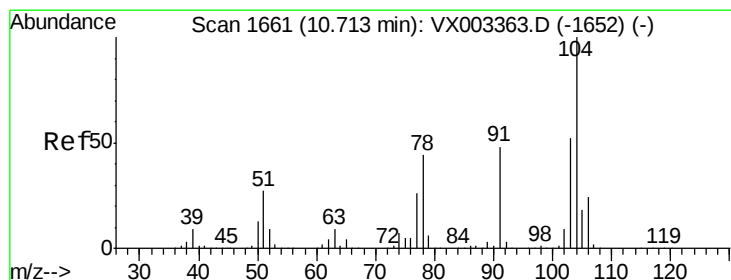
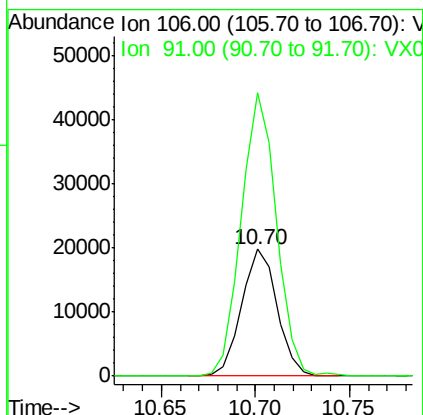
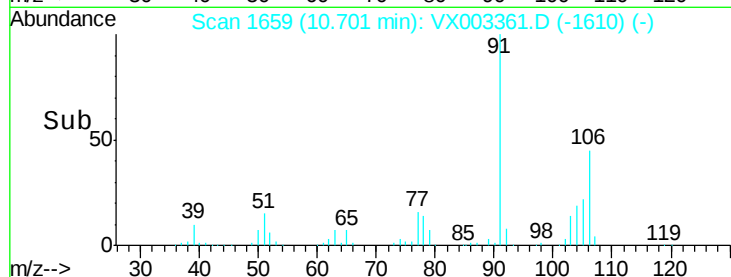
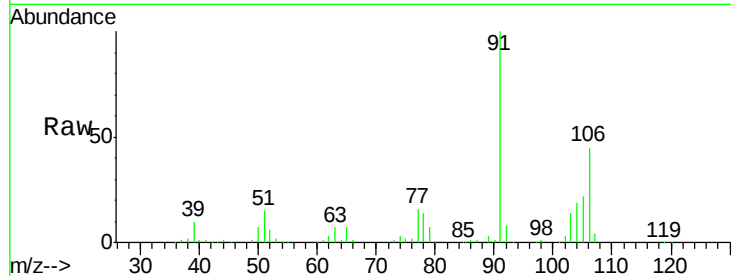




#69
o-Xylene
Concen: 4.698 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

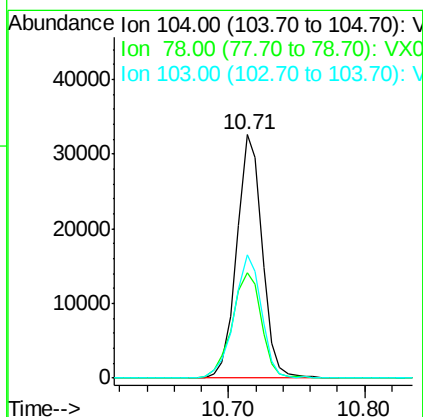
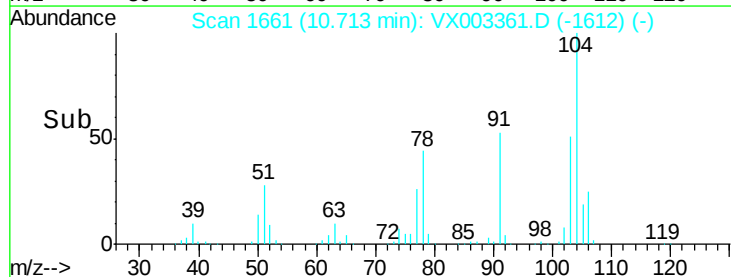
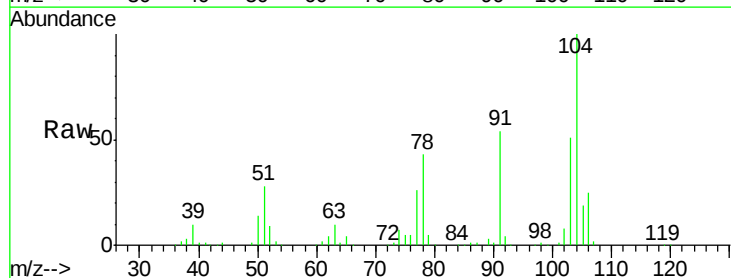
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

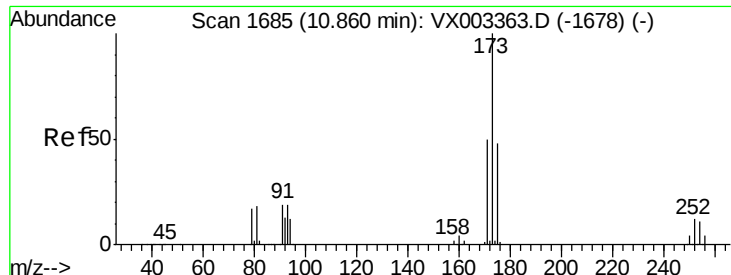
Tgt Ion:106 Resp: 25964
Ion Ratio Lower Upper
106 100
91 221.4 108.2 324.6



#70
Styrene
Concen: 4.570 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion:104 Resp: 42438
Ion Ratio Lower Upper
104 100
78 49.9 41.0 61.6
103 54.9 44.2 66.4





#71

Bromoform

Concen: 4.453 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

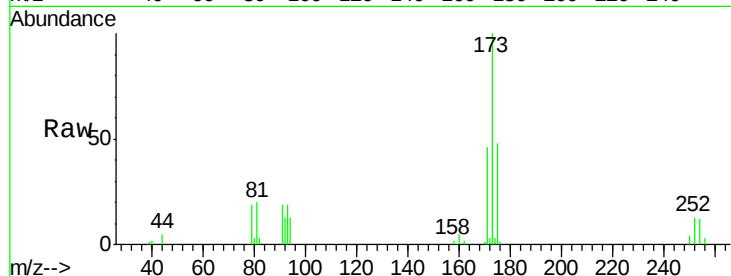
Tgt Ion:173 Resp: 10880

Ion Ratio Lower Upper

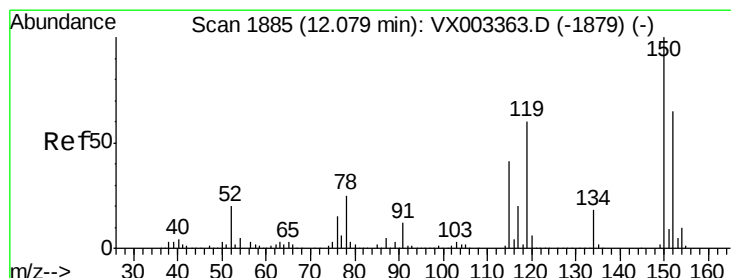
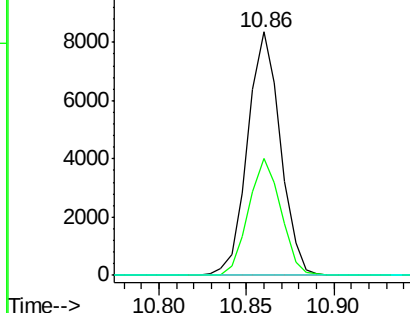
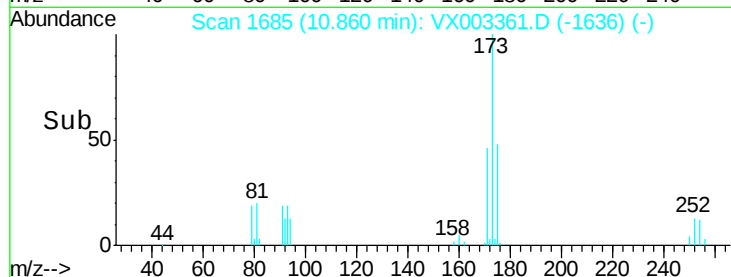
173 100

175 47.5 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: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

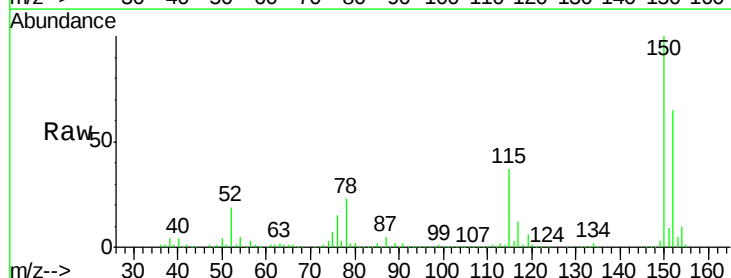
Tgt Ion:152 Resp: 206238

Ion Ratio Lower Upper

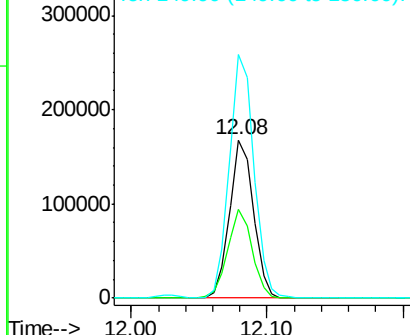
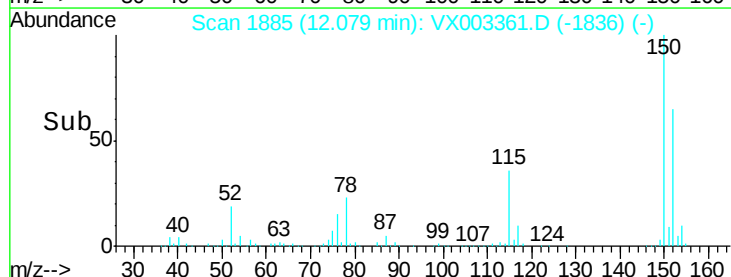
152 100

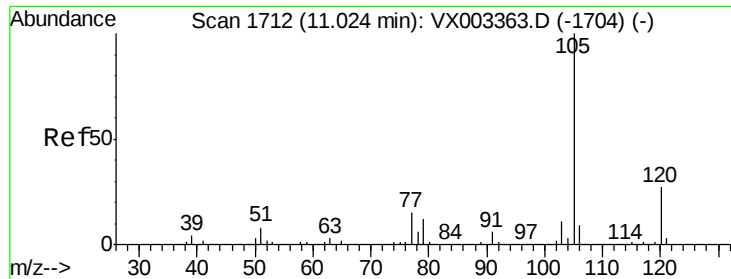
115 57.2 40.1 120.2

150 158.0 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: 4.993 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

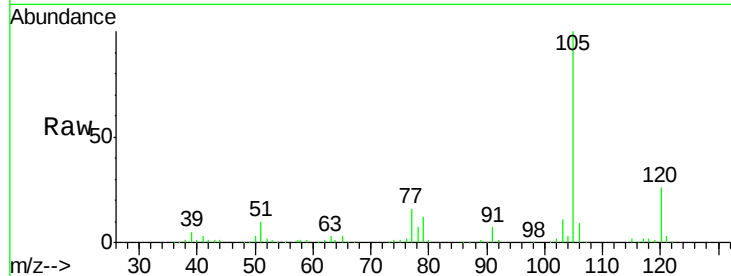
VSTDIC005

Tgt Ion: 105 Resp: 71200

Ion Ratio Lower Upper

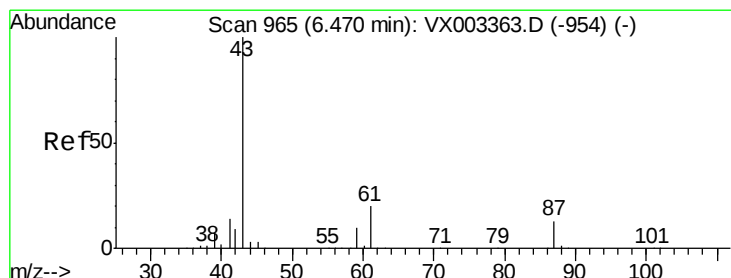
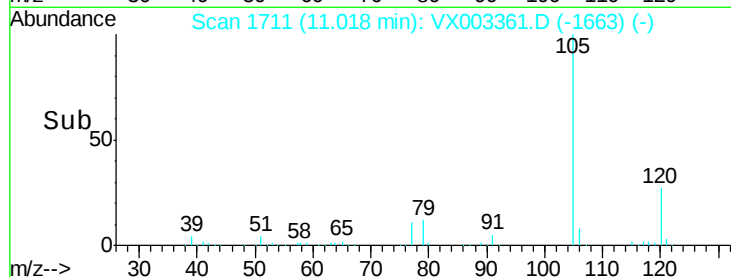
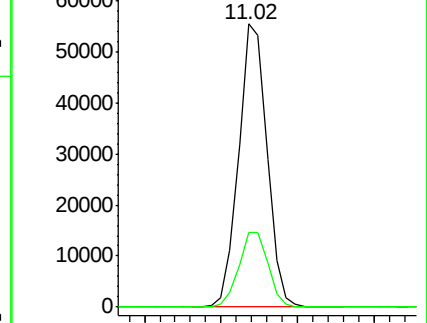
105 100

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: 5.125 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Tgt Ion: 43 Resp: 33877

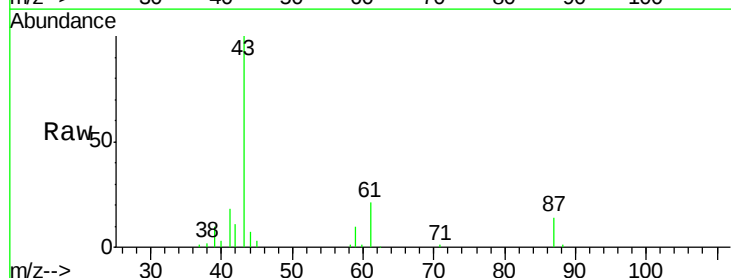
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.1 14.4 21.6

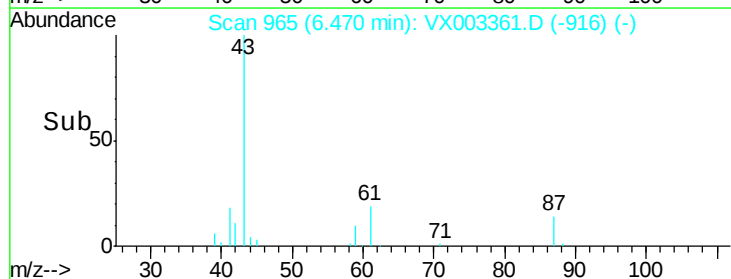
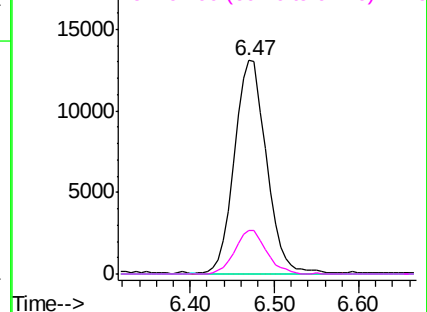


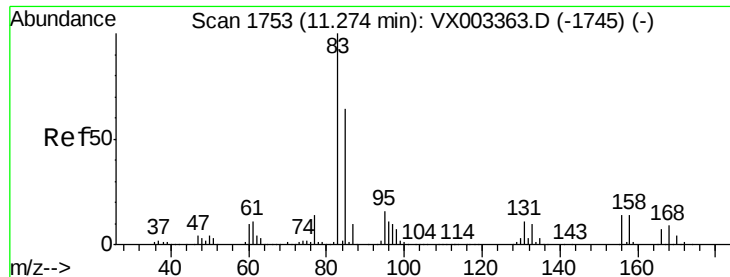
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.092 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

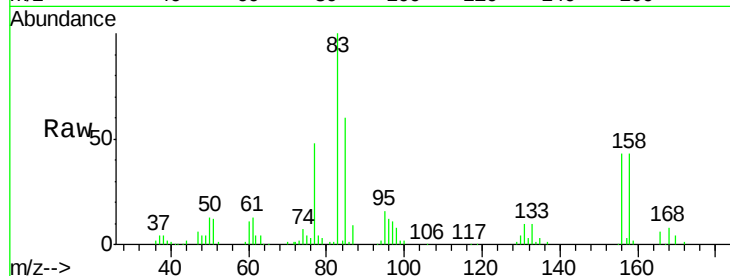
Tgt Ion: 83 Resp: 23706

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

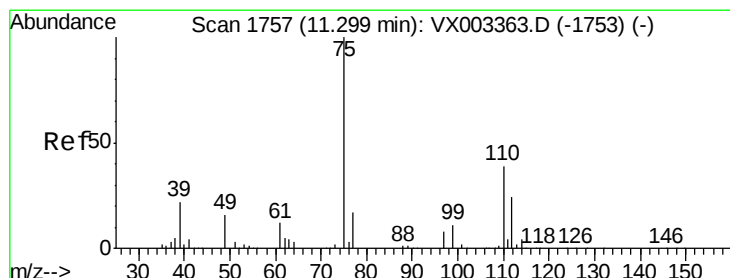
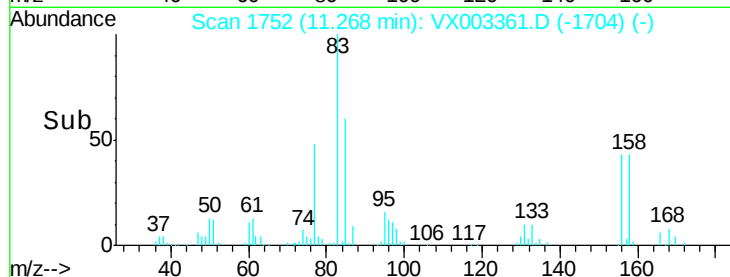
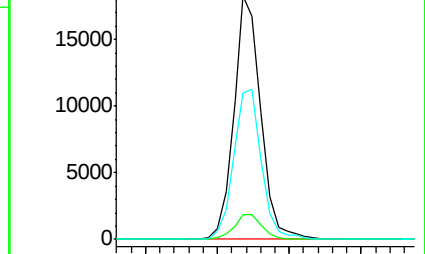
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX003361.D (-1745) (-)

Ion 130.80 (130.50 to 131.50): VX003361.D (-1745) (-)

Ion 84.90 (84.60 to 85.60): VX003361.D (-1745) (-)



#76

1,2,3-Trichloropropane

Concen: 6.290 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003361.D

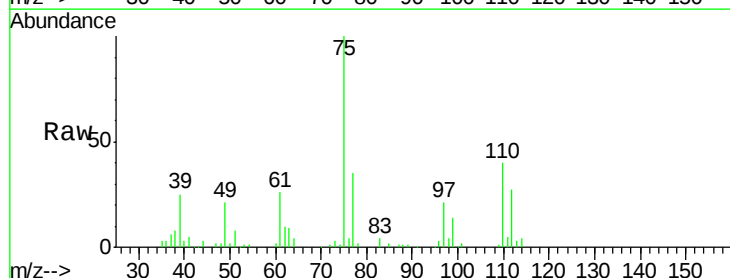
Acq: 13 Jul 2018 11:59

Tgt Ion: 75 Resp: 25630

Ion Ratio Lower Upper

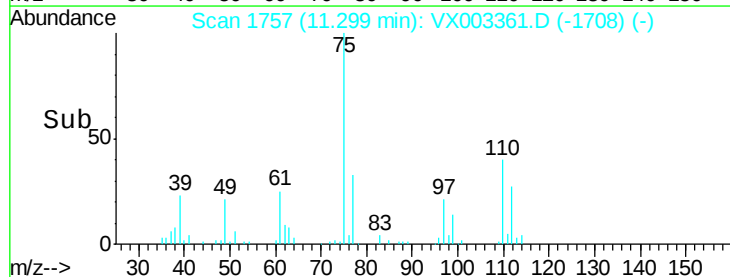
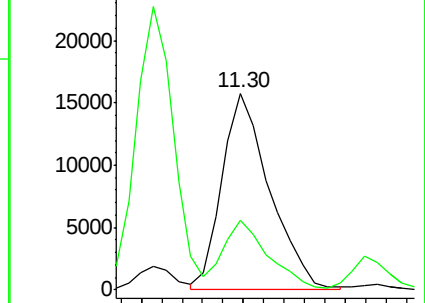
75 100

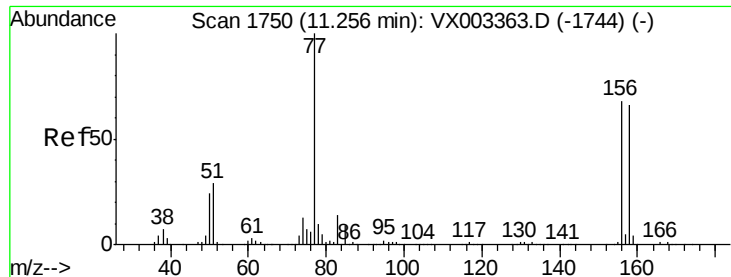
77 33.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX003361.D (-1708) (-)

Ion 77.00 (76.70 to 77.70): VX003361.D (-1708) (-)





#77

Bromobenzene

Concen: 5.055 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

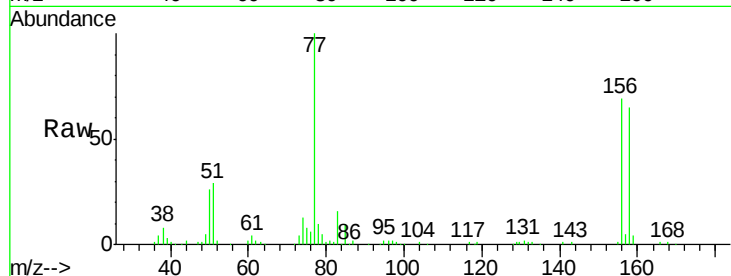
Tgt Ion:156 Resp: 20368

Ion Ratio Lower Upper

156 100

77 143.1 71.4 214.2

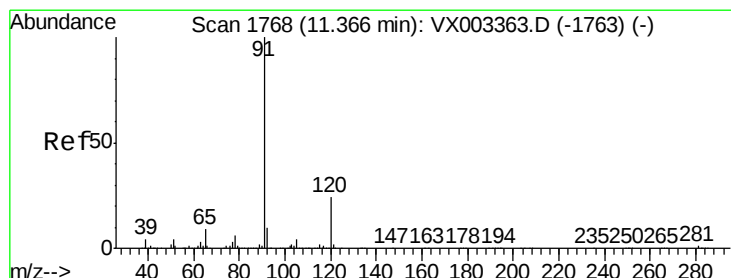
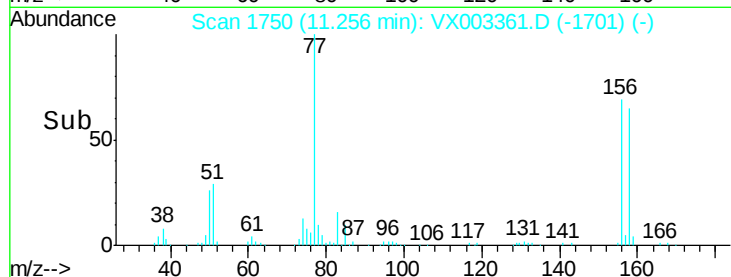
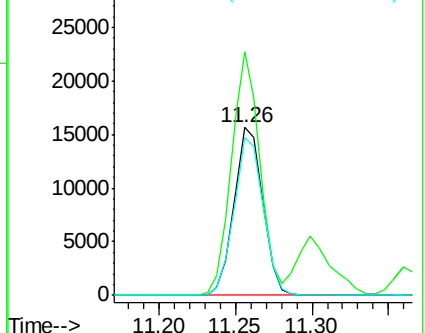
158 95.9 48.9 146.6



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: 4.823 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003361.D

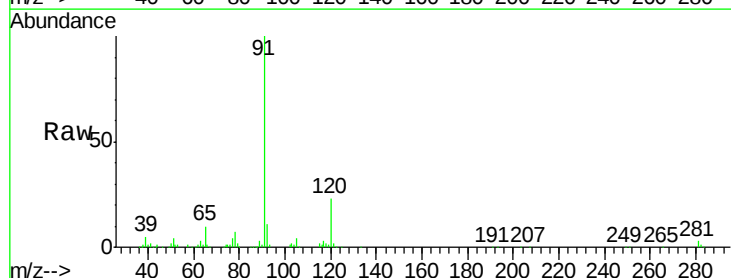
Acq: 13 Jul 2018 11:59

Tgt Ion: 91 Resp: 77742

Ion Ratio Lower Upper

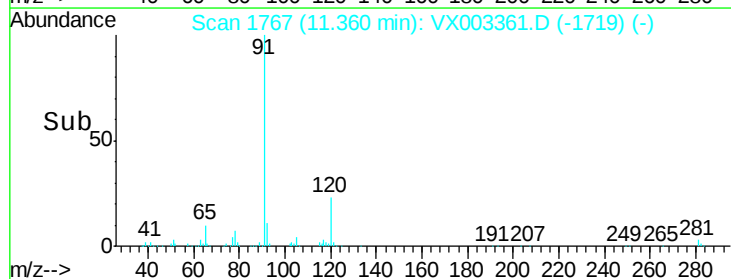
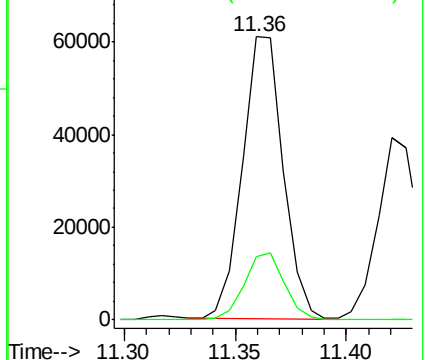
91 100

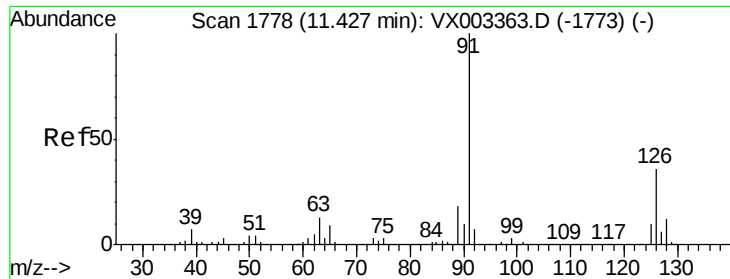
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.996 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

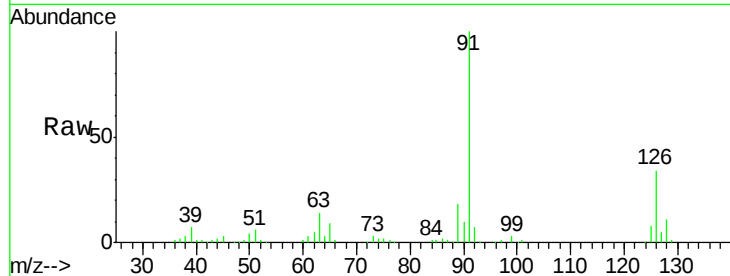
VSTDIC005

Tgt Ion: 91 Resp: 49741

Ion Ratio Lower Upper

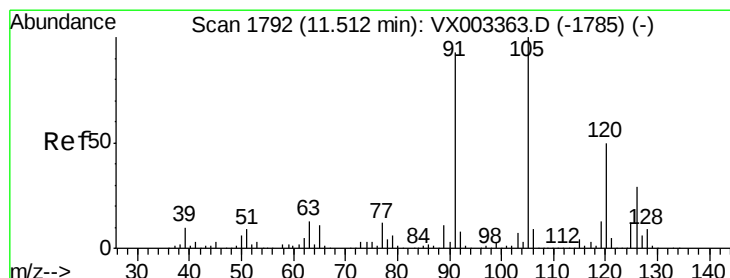
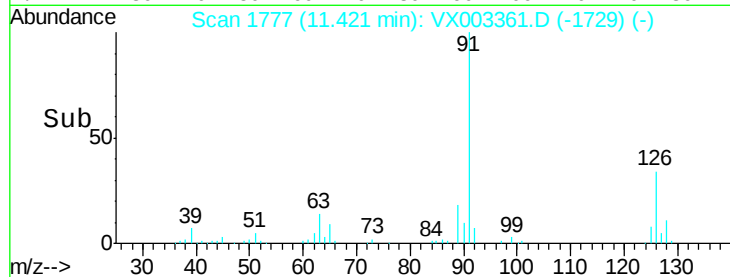
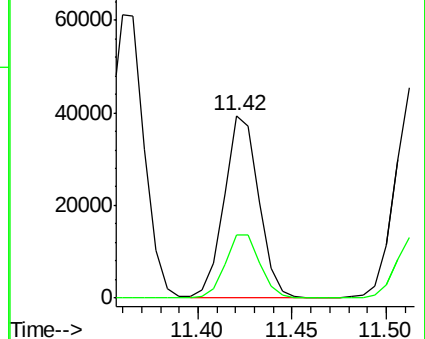
91 100

126 35.6 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: 4.917 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003361.D

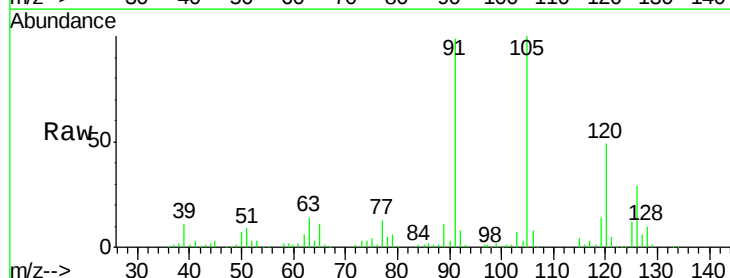
Acq: 13 Jul 2018 11:59

Tgt Ion: 105 Resp: 58106

Ion Ratio Lower Upper

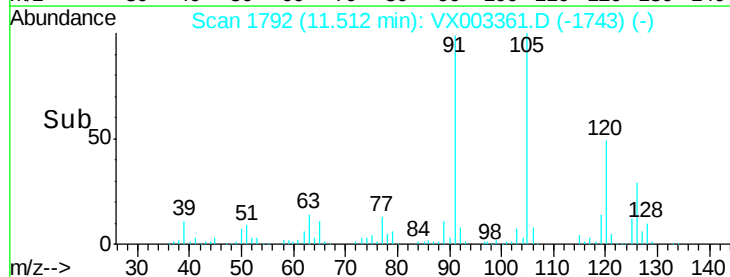
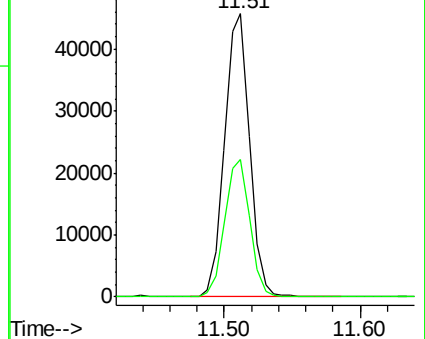
105 100

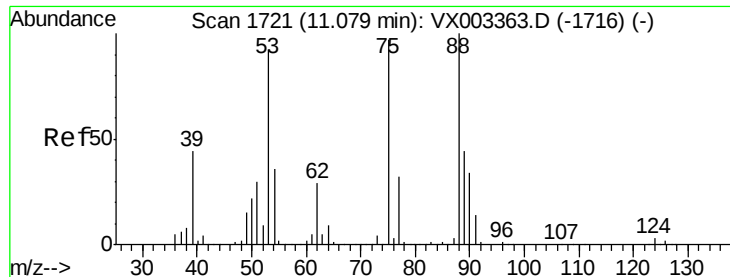
120 49.0 24.4 73.4



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: 4.242 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

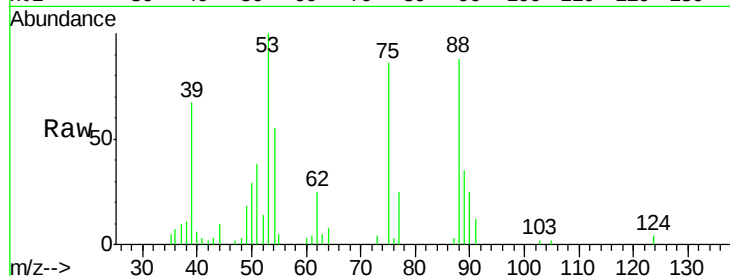
Tgt Ion: 75 Resp: 5184

Ion Ratio Lower Upper

75 100

53 116.4 86.8 130.2

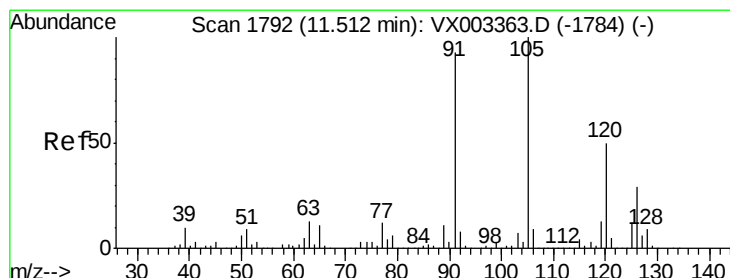
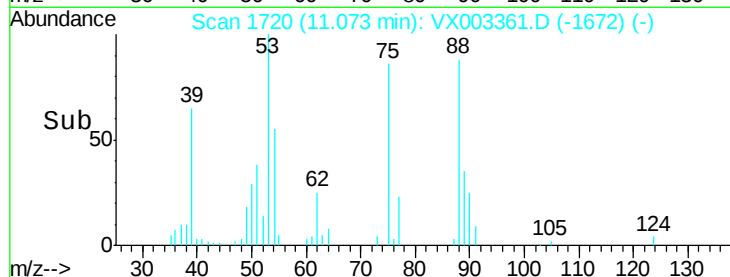
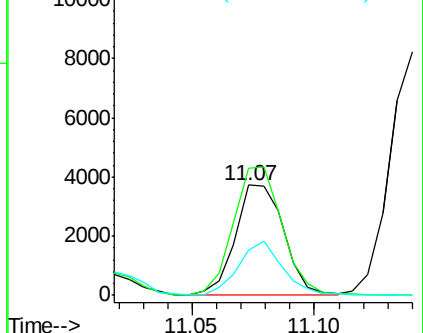
89 44.5 38.2 57.2



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: 4.891 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003361.D

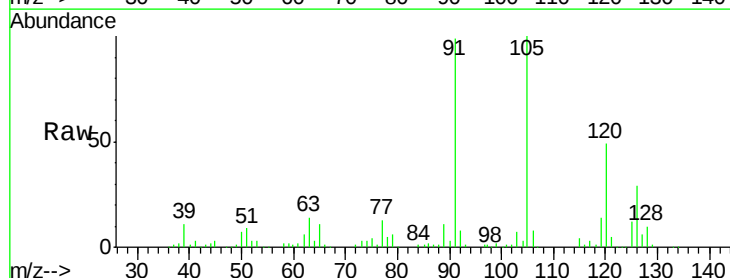
Acq: 13 Jul 2018 11:59

Tgt Ion: 91 Resp: 56730

Ion Ratio Lower Upper

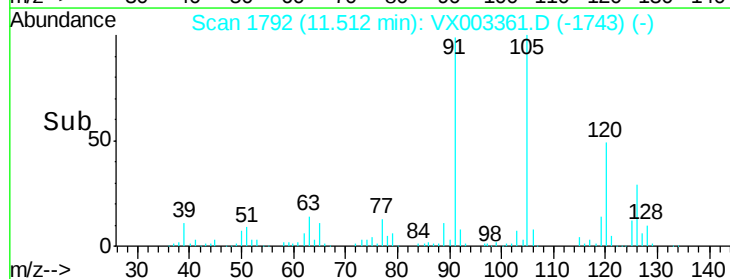
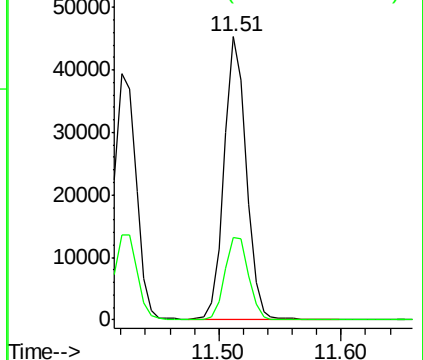
91 100

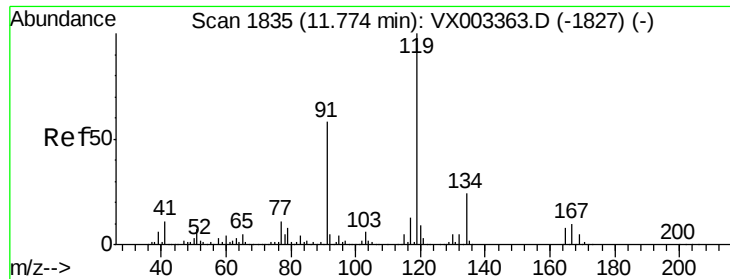
126 31.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

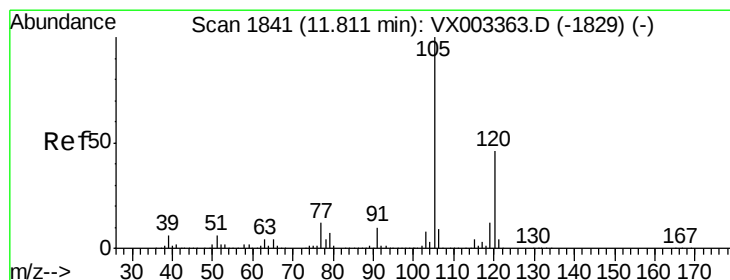
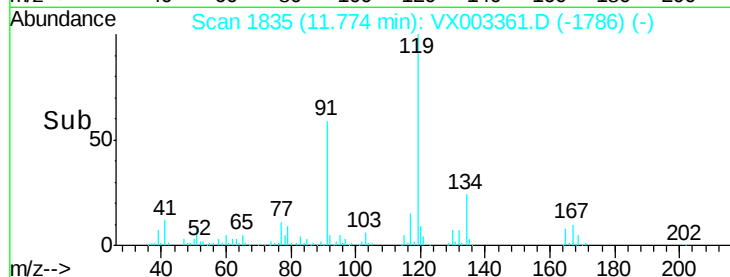
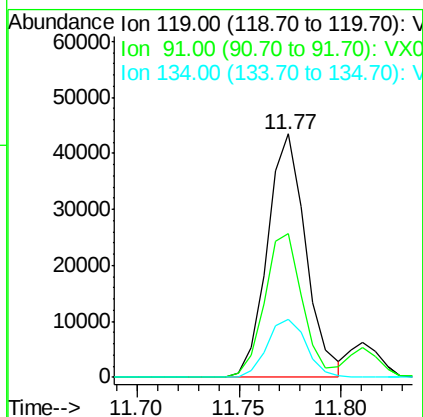
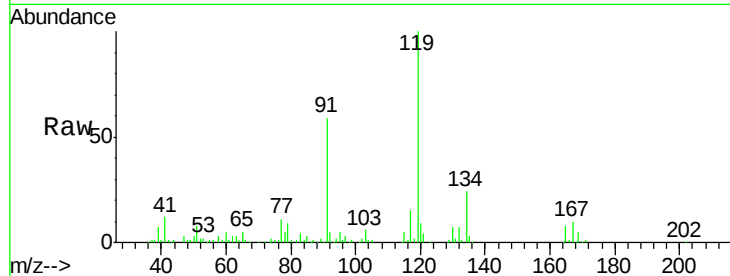




#83
 tert-Butylbenzene
 Concen: 4.891 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

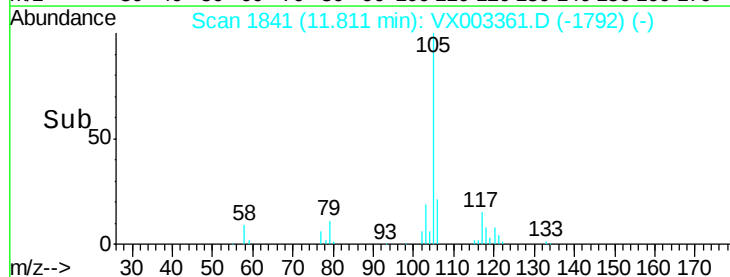
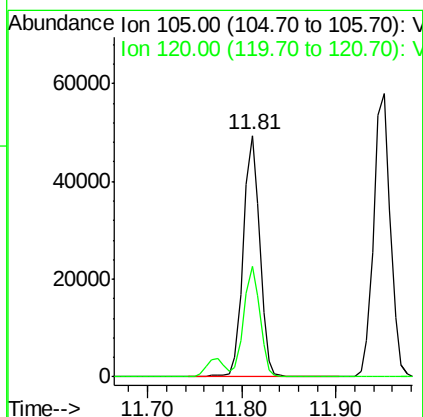
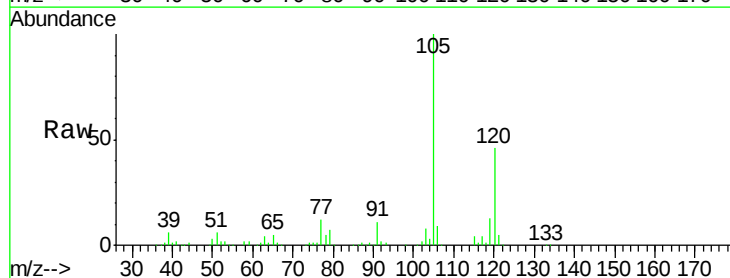
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

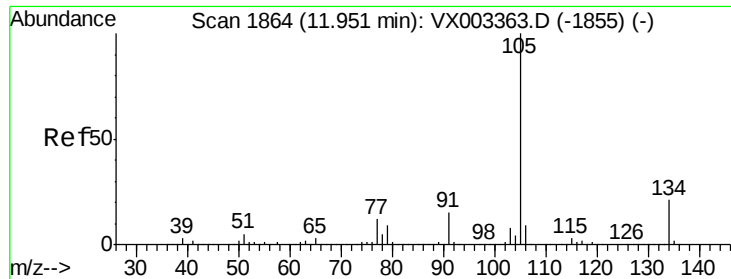
Tgt Ion:119 Resp: 57232
 Ion Ratio Lower Upper
 119 100
 91 57.5 30.3 90.9
 134 24.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 5.048 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Tgt Ion:105 Resp: 60521
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8

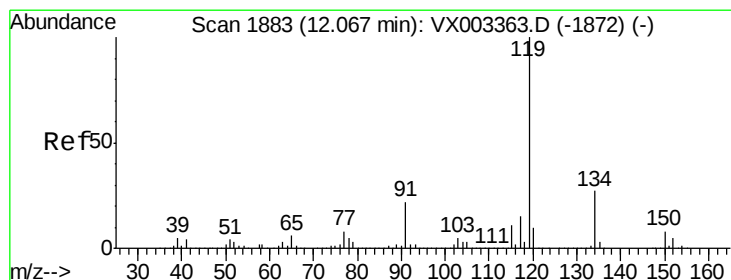
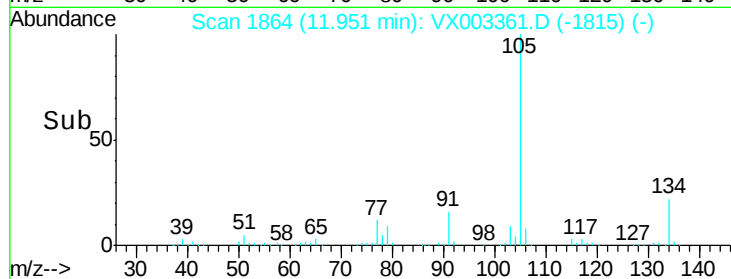
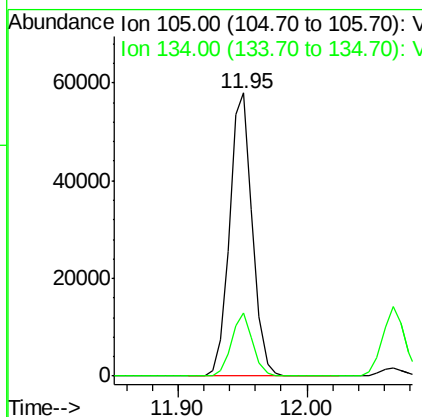
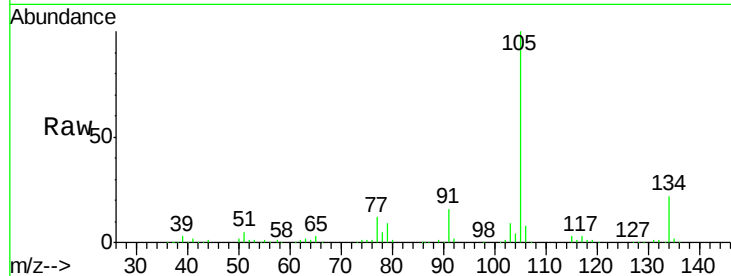




#85
 sec-Butylbenzene
 Concen: 5.113 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

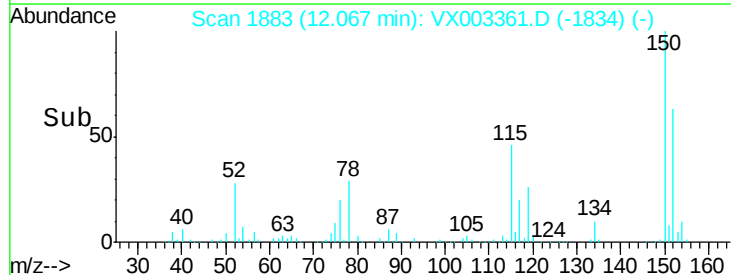
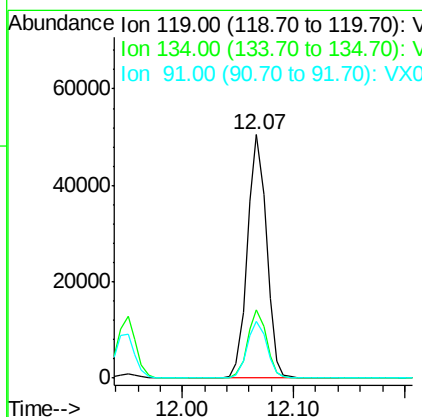
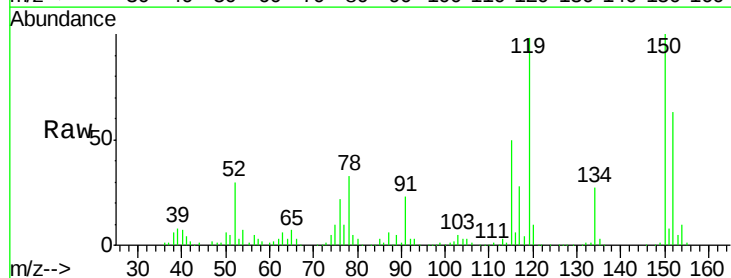
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

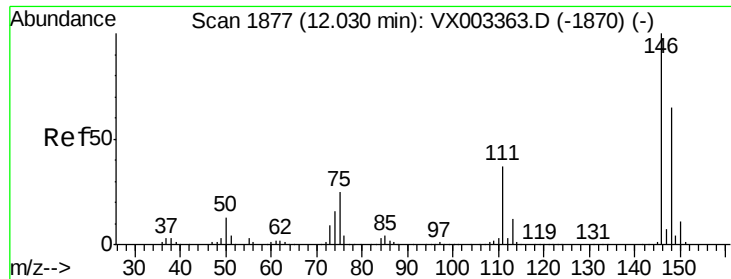
Tgt Ion:105 Resp: 71502
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.799 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Tgt Ion:119 Resp: 60037
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.1
 91 24.5 11.9 35.7

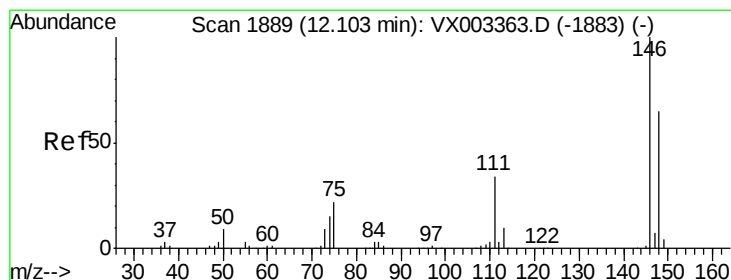
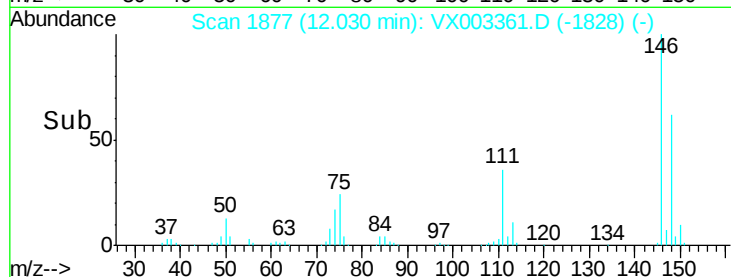
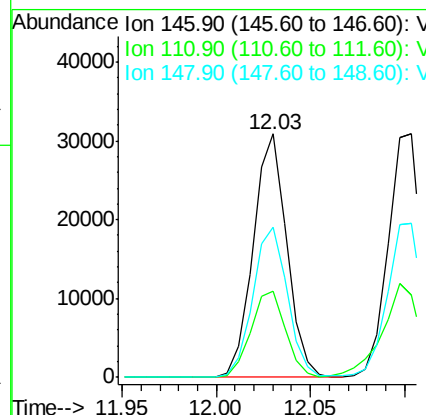
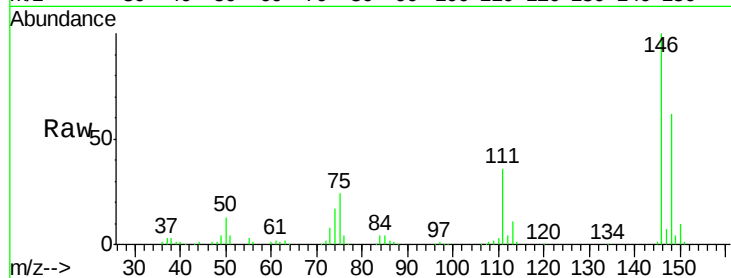




#87
 1,3-Dichlorobenzene
 Concen: 5.081 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

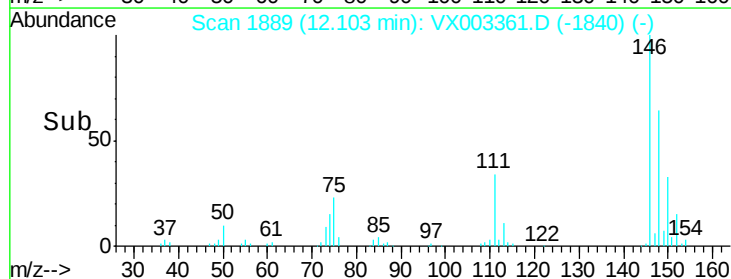
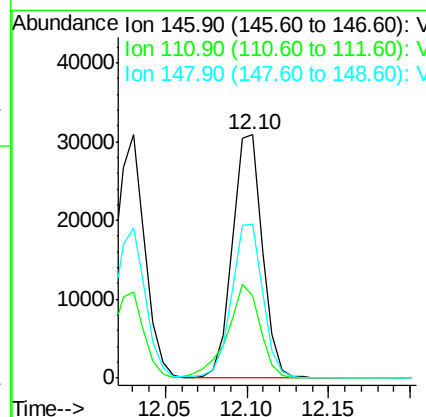
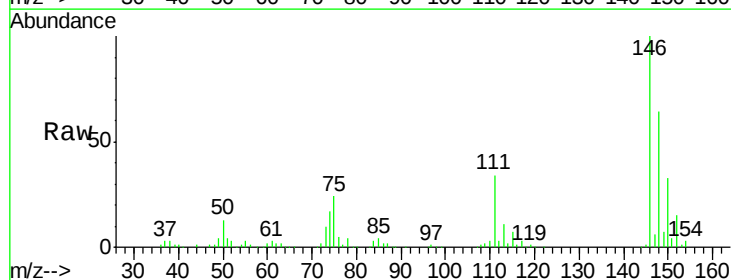
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

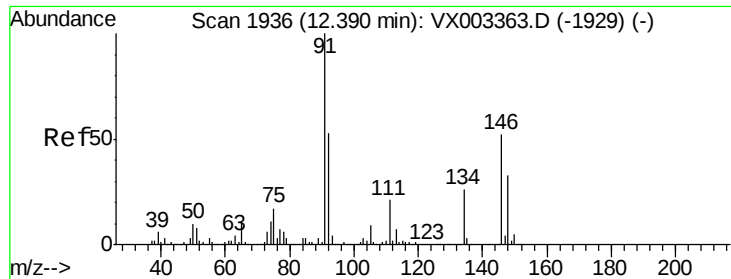
Tgt Ion:146 Resp: 38229
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.9 56.7
 148 63.2 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 5.151 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Tgt Ion:146 Resp: 39349
 Ion Ratio Lower Upper
 146 100
 111 42.1 18.7 56.1
 148 66.1 32.4 97.0

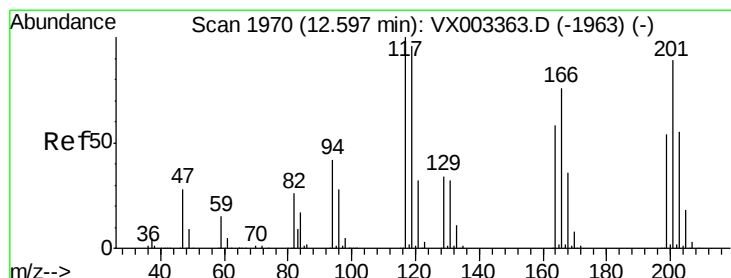
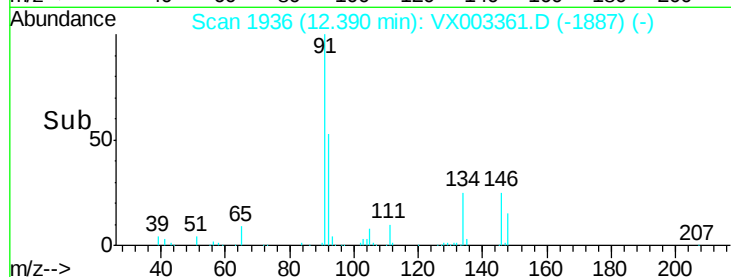
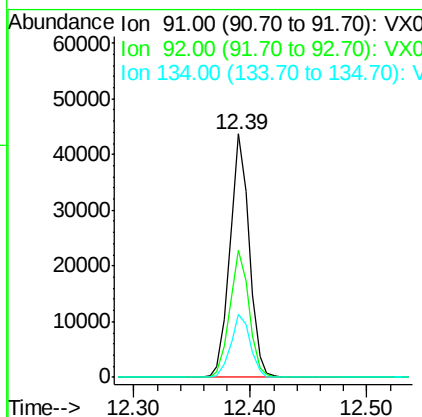
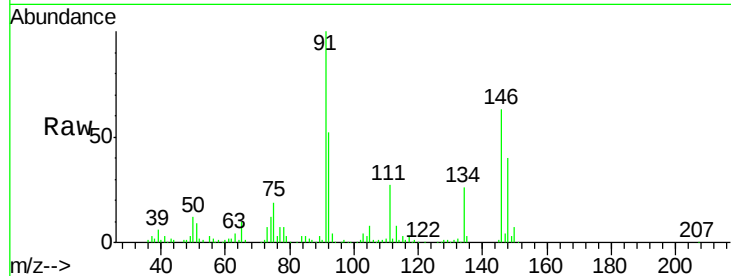




#89
n-Butylbenzene
Concen: 4.729 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

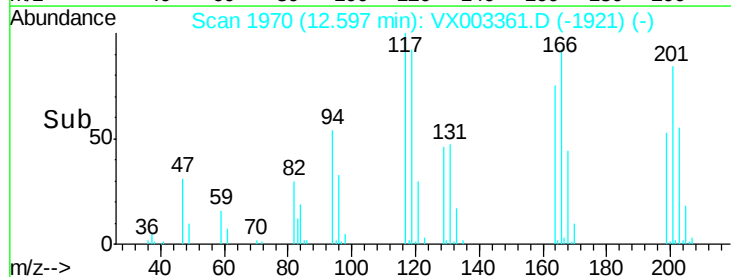
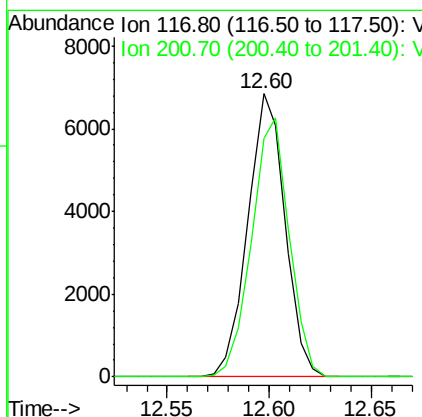
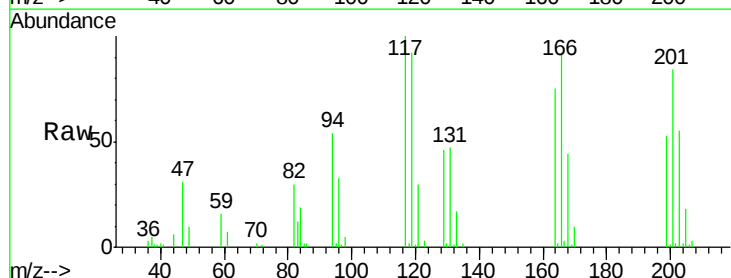
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

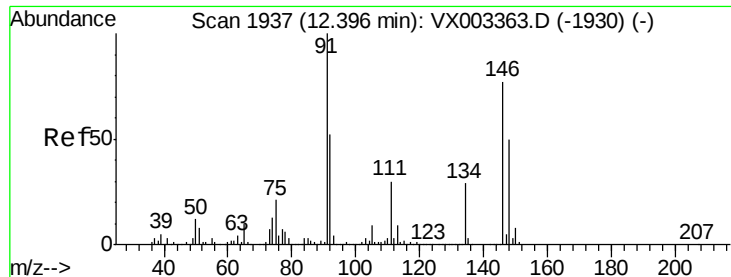
Tgt Ion: 91 Resp: 50632
Ion Ratio Lower Upper
91 100
92 51.9 26.0 78.0
134 26.1 13.5 40.5



#90
Hexachloroethane
Concen: 4.634 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion: 117 Resp: 8690
Ion Ratio Lower Upper
117 100
201 92.5 49.0 147.0

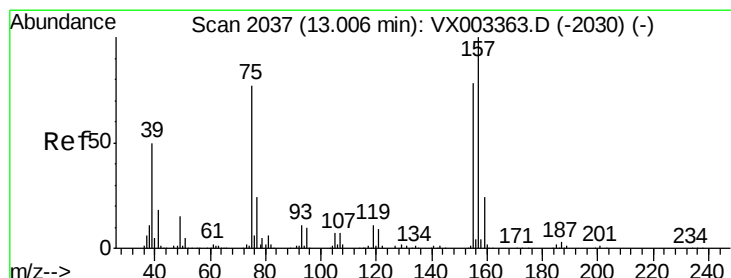
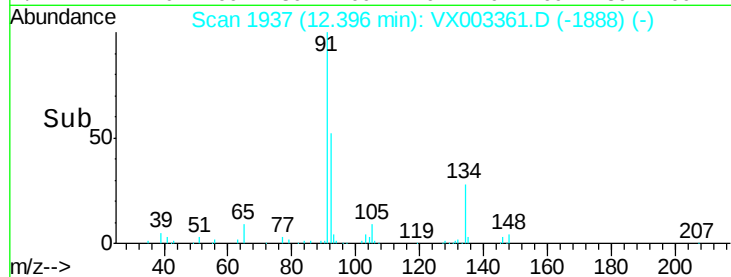
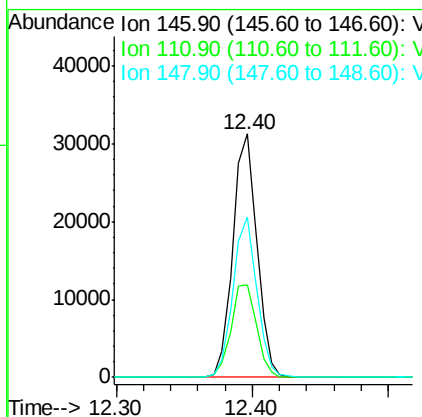
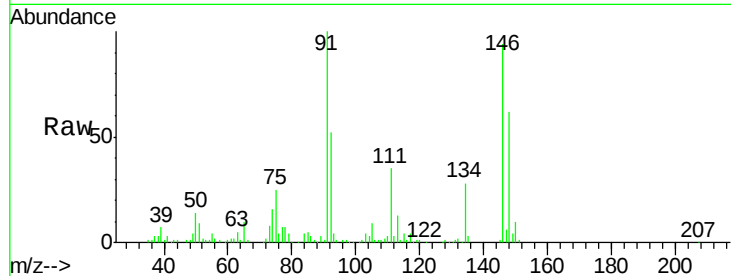




#91
 1,2-Dichlorobenzene
 Concen: 5.140 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

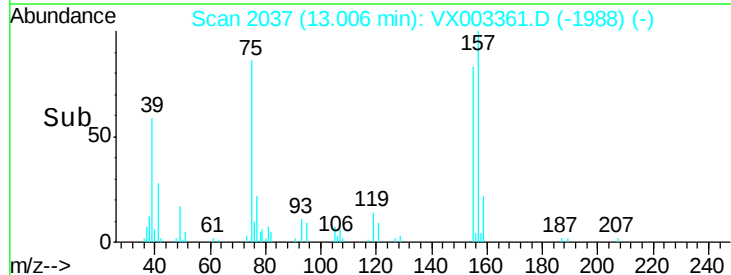
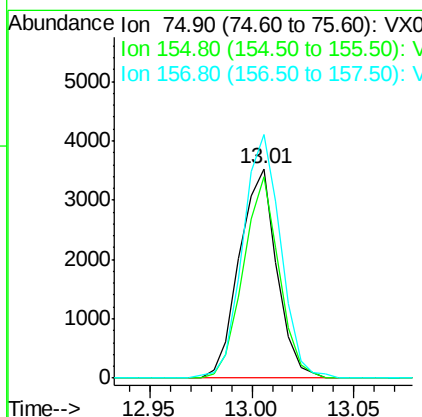
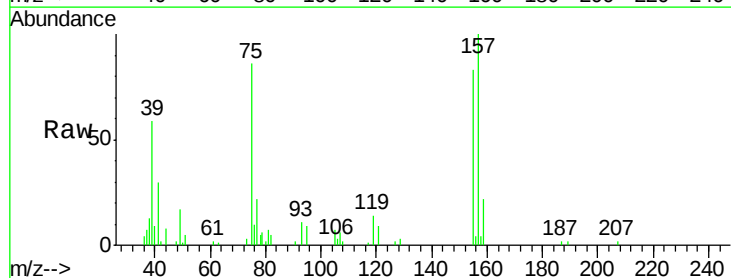
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

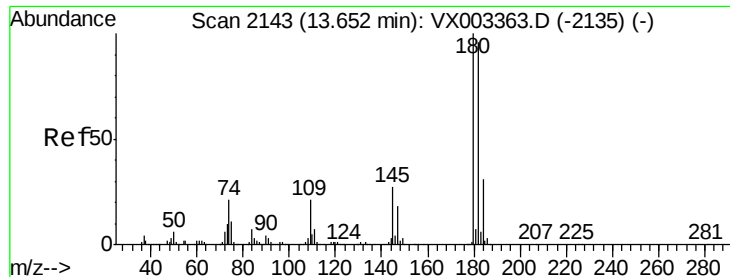
Tgt Ion:146 Resp: 38698
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.4 58.1
 148 65.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.870 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003361.D
 Acq: 13 Jul 2018 11:59

Tgt Ion: 75 Resp: 4496
 Ion Ratio Lower Upper
 75 100
 155 91.5 45.8 137.4
 157 118.1 60.1 180.3

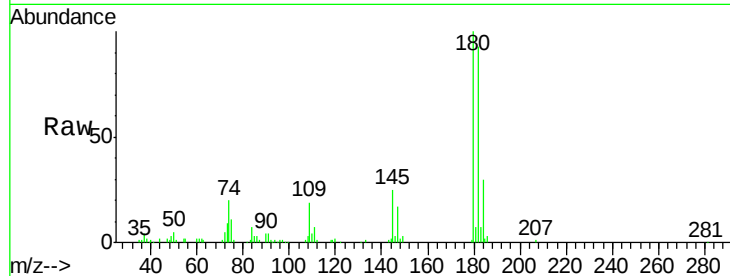




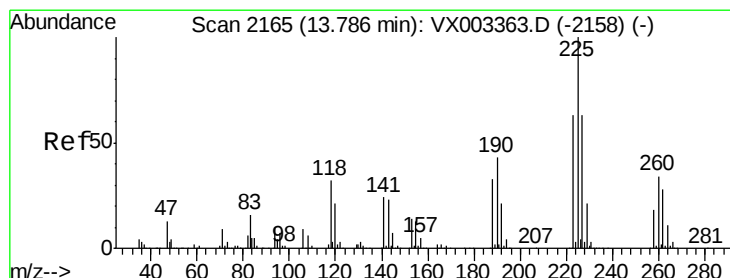
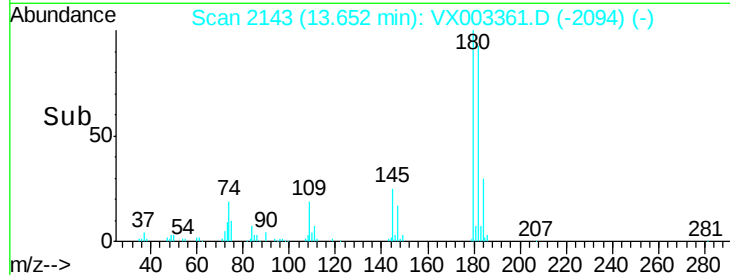
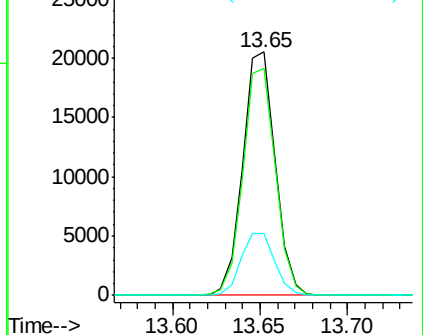
#93
1,2,4-Trichlorobenzene
Concen: 5.141 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 26479
Ion Ratio Lower Upper
180 100
182 93.3 47.7 143.1
145 26.3 14.1 42.4

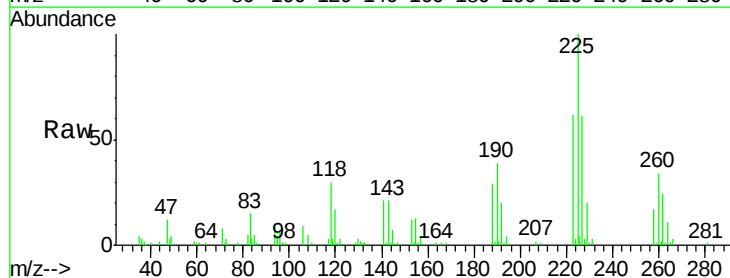


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

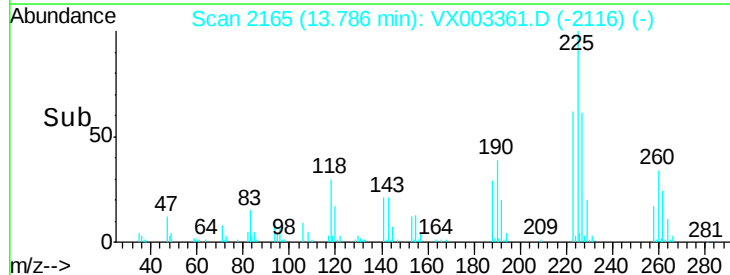
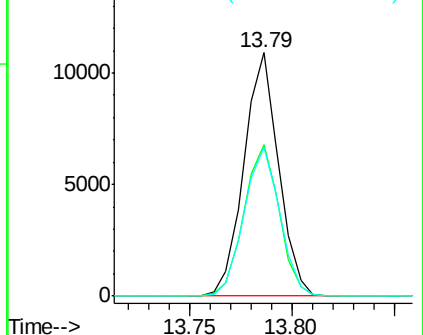


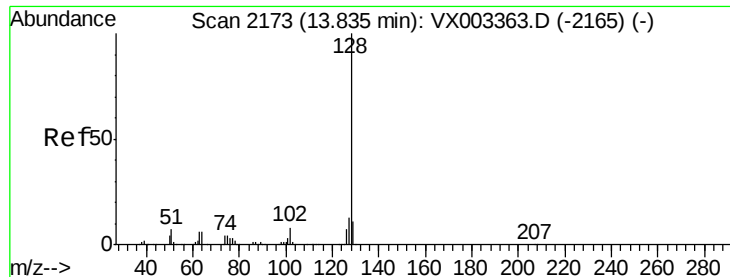
#94
Hexachlorobutadiene
Concen: 5.293 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003361.D
Acq: 13 Jul 2018 11:59

Tgt Ion:225 Resp: 12864
Ion Ratio Lower Upper
225 100
223 63.2 31.6 95.0
227 63.0 32.4 97.2



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





#95

Naphthalene

Concen: 4.850 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

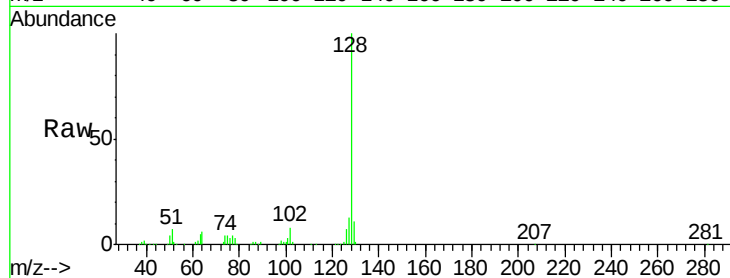
Tgt Ion:128 Resp: 70018

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

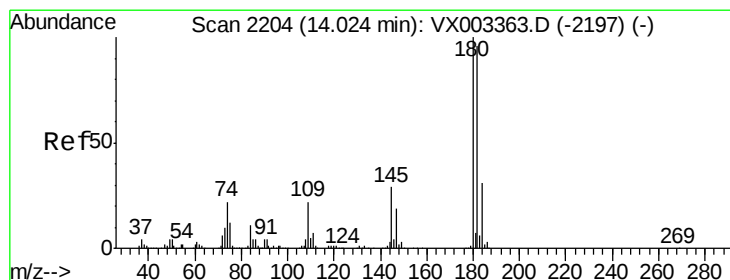
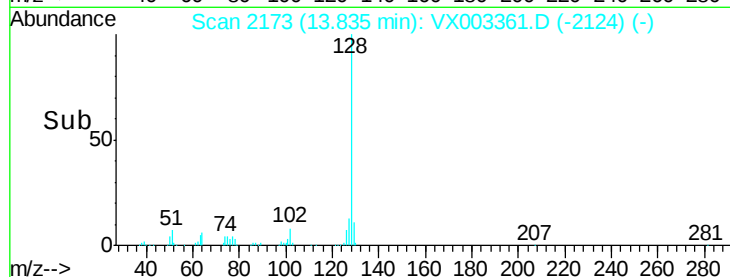
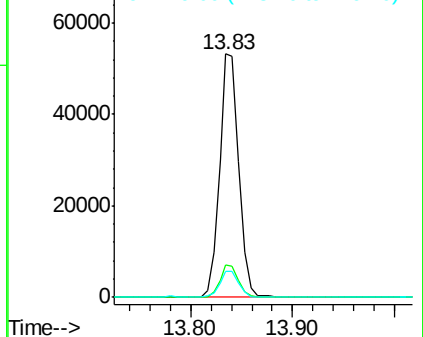
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.973 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003361.D

Acq: 13 Jul 2018 11:59

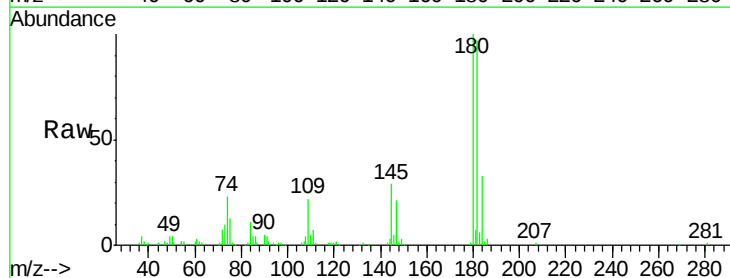
Tgt Ion:180 Resp: 25851

Ion Ratio Lower Upper

180 100

182 96.6 48.0 144.0

145 29.7 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

