

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
 Data File : VX002857.D
 Acq On : 25 Jun 2018 11:21
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 25 12:42:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	207707	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	20178	5.04	ug/l	0.00
Spiked Amount			Recovery	=	10.08%	
35) Dibromofluoromethane	5.51	113	15431	5.28	ug/l	0.00
Spiked Amount			Recovery	=	10.56%	
50) Toluene-d8	8.72	98	54364	4.90	ug/l	0.00
Spiked Amount			Recovery	=	9.80%	
62) 4-Bromofluorobenzene	11.14	95	19656	4.67	ug/l	0.00
Spiked Amount			Recovery	=	9.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	15577	5.568	ug/l	95
3) Chloromethane	1.32	50	14836	4.458	ug/l	92
4) Vinyl Chloride	1.41	62	16721	4.842	ug/l #	84
5) Bromomethane	1.64	94	9696	4.653	ug/l	97
6) Chloroethane	1.71	64	10786	4.739	ug/l	98
7) Trichlorofluoromethane	1.93	101	26537	4.730	ug/l	96
8) Diethyl Ether	2.19	74	9441	4.424	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	15442	4.924	ug/l	98
10) Methyl Iodide	2.51	142	11380	2.947	ug/l	99
11) Tert butyl alcohol	3.08	59	18390	22.213	ug/l	95
12) 1,1-Dichloroethene	2.37	96	13376	4.542	ug/l	97
13) Acrolein	2.29	56	13936	33.196	ug/l	94
14) Allyl chloride	2.73	41	26262	4.492	ug/l	99
15) Acrylonitrile	3.15	53	39366	21.790	ug/l	99
16) Acetone	2.45	43	38462	21.769	ug/l	98
17) Carbon Disulfide	2.57	76	36377	5.209	ug/l	99
18) Methyl Acetate	2.78	43	19564	4.156	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	48071	4.352	ug/l	98
20) Methylene Chloride	2.86	84	15534	4.288	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	15077	4.720	ug/l	88
22) Diisopropyl ether	3.87	45	49292	4.660	ug/l	98
23) Vinyl Acetate	3.82	43	213591	24.125	ug/l	99
24) 1,1-Dichloroethane	3.70	63	27890	4.858	ug/l	97
25) 2-Butanone	4.71	43	57615	24.831	ug/l	98
26) 2,2-Dichloropropane	4.58	77	21426	5.194	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	16088	4.950	ug/l	33
28) Bromochloromethane	5.03	49	12977	4.827	ug/l	95
29) Tetrahydrofuran	5.17	42	36228	23.823	ug/l	97
30) Chloroform	5.22	83	27971	5.052	ug/l	98
31) Cyclohexane	5.58	56	23152	4.898	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	23966	5.176	ug/l	99
36) 1,1-Dichloropropene	5.80	75	20268	5.209	ug/l	99
37) Ethyl Acetate	4.87	43	22128	5.024	ug/l	98
38) Carbon Tetrachloride	5.78	117	20673	5.335	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
 Data File : VX002857.D
 Acq On : 25 Jun 2018 11:21
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jun 25 12:42:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 12:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	23027	5.062	ug/l	97
40) Benzene	6.15	78	58491	5.013	ug/l	100
41) Methacrylonitrile	5.07	41	11893	4.783	ug/l	93
42) 1,2-Dichloroethane	6.21	62	23777	5.264	ug/l	100
43) Isopropyl Acetate	6.47	43	34586	4.740	ug/l	98
44) Trichloroethene	7.21	130	17039	5.059	ug/l	100
45) 1,2-Dichloropropane	7.52	63	15819	5.151	ug/l	100
46) Dibromomethane	7.67	93	10553	5.137	ug/l	98
47) Bromodichloromethane	7.90	83	18243	5.035	ug/l #	97
48) Methyl methacrylate	7.78	41	17375	4.659	ug/l	99
49) 1,4-Dioxane	7.76	88	7191	101.830	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	110844	23.658	ug/l	99
52) Toluene	8.79	92	36052	4.844	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	20274	4.756	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	18733	4.744	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	14881	4.948	ug/l	99
56) Ethyl methacrylate	9.19	69	21240	4.589	ug/l	98
57) 1,3-Dichloropropane	9.37	76	24490	4.815	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	50289	22.465	ug/l	99
59) 2-Hexanone	9.50	43	82307	23.313	ug/l	100
60) Dibromochloromethane	9.59	129	13915	4.793	ug/l	100
61) 1,2-Dibromoethane	9.68	107	15197	4.879	ug/l	96
64) Tetrachloroethene	9.34	164	19142	5.012	ug/l	97
65) Chlorobenzene	10.14	112	43338	5.129	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	14956	5.192	ug/l	99
67) Ethyl Benzene	10.26	91	70173	4.924	ug/l	100
68) m/p-Xylenes	10.36	106	53895	9.803	ug/l	97
69) o-Xylene	10.70	106	25926	4.800	ug/l	99
70) Styrene	10.71	104	41202	4.638	ug/l	99
71) Bromoform	10.86	173	10328	4.770	ug/l #	98
73) Isopropylbenzene	11.02	105	68950	4.963	ug/l	98
74) N-amyl acetate	6.47	43	34586	5.011	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	22407	5.462	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	23870	6.090	ug/l	78
77) Bromobenzene	11.26	156	19910	5.145	ug/l	98
78) n-propylbenzene	11.37	91	77752	4.880	ug/l	99
79) 2-Chlorotoluene	11.43	91	48582	5.107	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	56873	4.844	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	4653	4.491	ug/l	87
82) 4-Chlorotoluene	11.51	91	56879	5.068	ug/l	98
83) tert-Butylbenzene	11.77	119	56999	5.040	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	58828	4.911	ug/l	97
85) sec-Butylbenzene	11.95	105	69359	4.932	ug/l	99
86) p-Isopropyltoluene	12.07	119	60717	4.772	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	36465	5.138	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	37194	5.150	ug/l	95
89) n-Butylbenzene	12.39	91	50466	4.496	ug/l	99
90) Hexachloroethane	12.60	117	7834	4.461	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	37150	5.201	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4204	4.892	ug/l	96

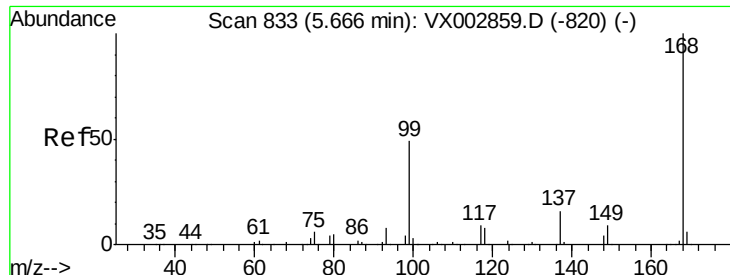
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX062518\
Data File : VX002857.D
Acq On : 25 Jun 2018 11:21
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jun 25 12:42:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 12:41:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	24695	4.763	ug/l	97
94) Hexachlorobutadiene	13.79	225	12840	4.702	ug/l	97
95) Naphthalene	13.84	128	65570	4.700	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	26067	5.006	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: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

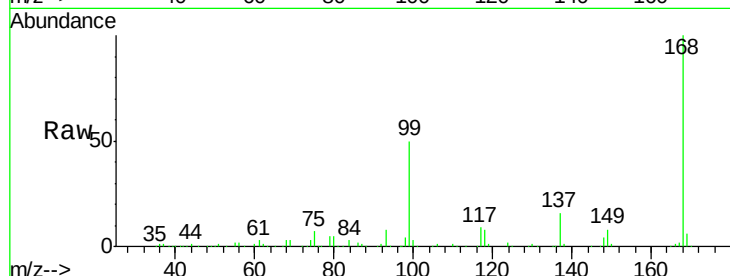
VSTDIC005

Tgt Ion:168 Resp: 263534

Ion Ratio Lower Upper

168 100

99 50.3 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

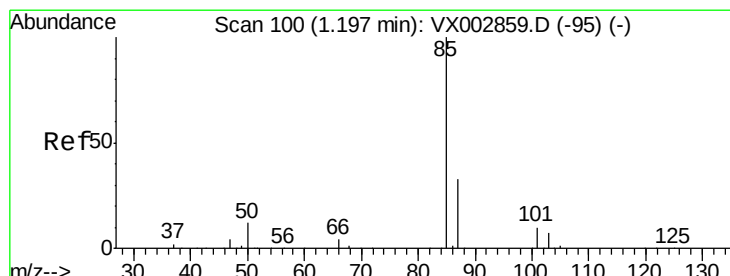
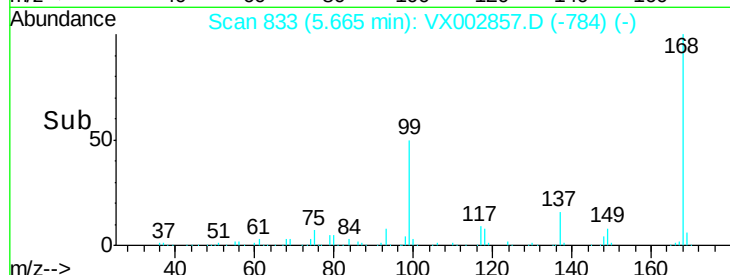
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 5.568 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002857.D

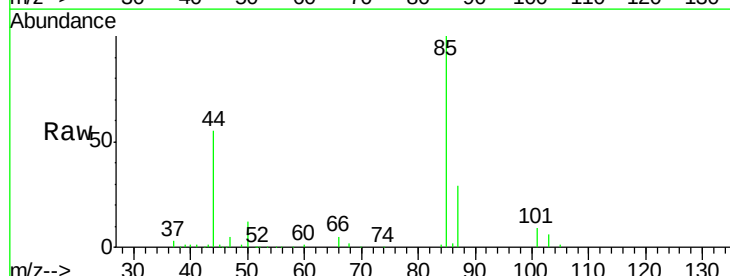
Acq: 25 Jun 2018 11:21

Tgt Ion: 85 Resp: 15577

Ion Ratio Lower Upper

85 100

87 29.0 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

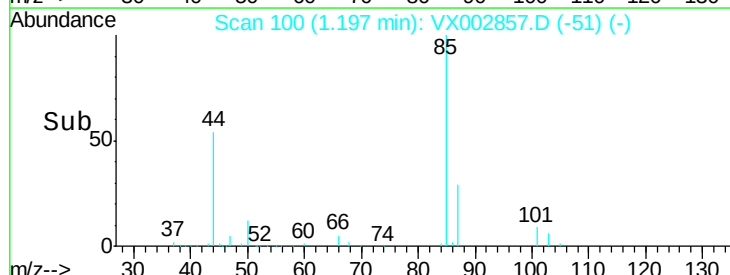
10000

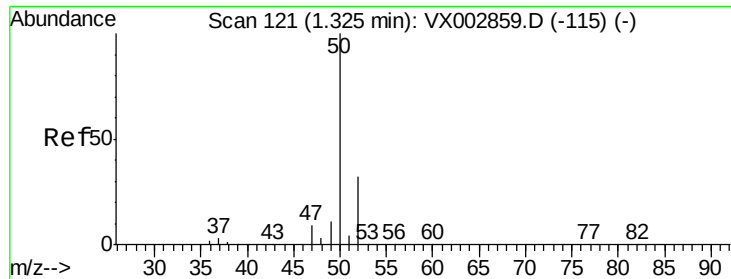
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 4.458 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

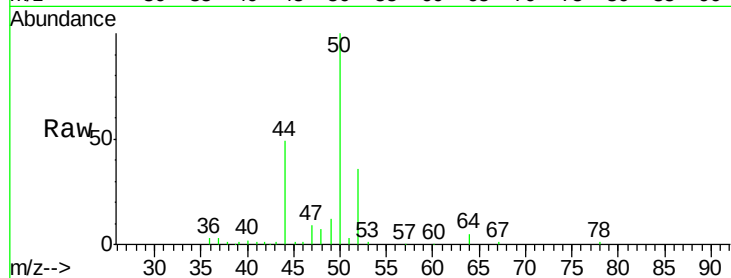
VSTDIC005

Tgt Ion: 50 Resp: 14836

Ion Ratio Lower Upper

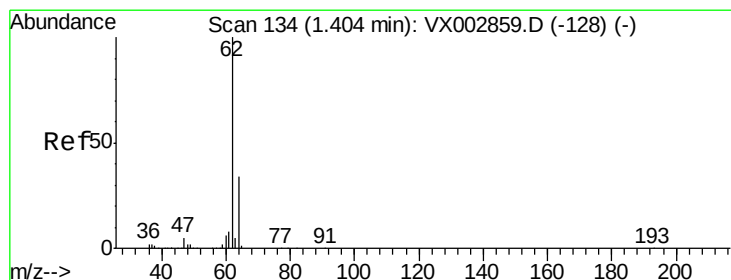
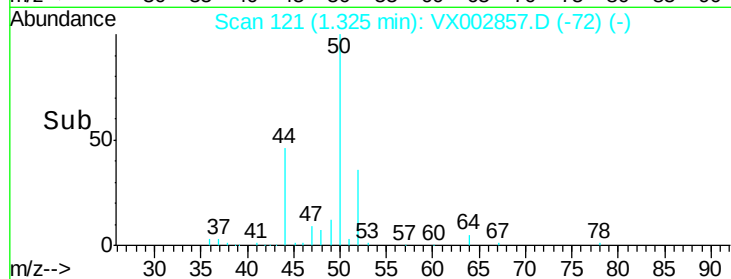
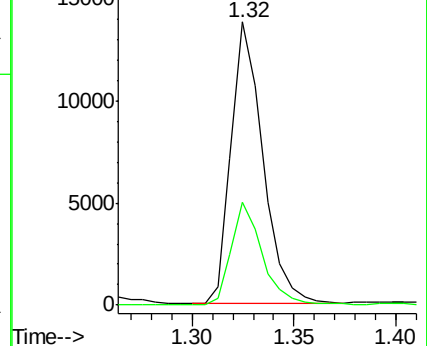
50 100

52 36.7 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: 4.842 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002857.D

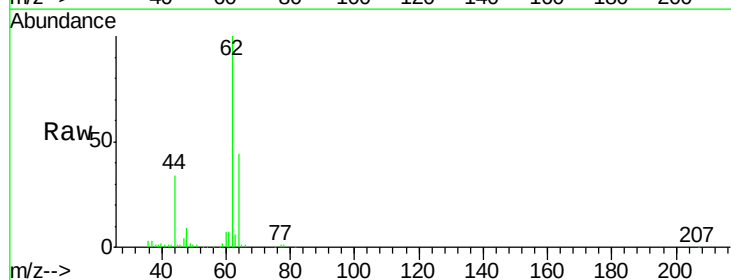
Acq: 25 Jun 2018 11:21

Tgt Ion: 62 Resp: 16721

Ion Ratio Lower Upper

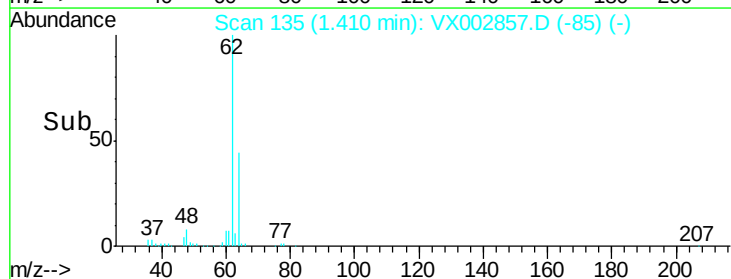
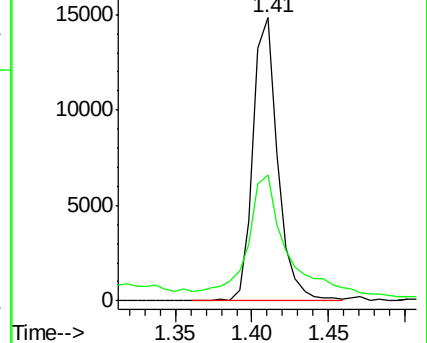
62 100

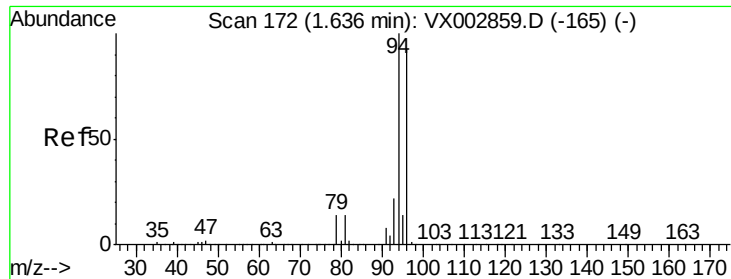
64 40.8 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.653 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

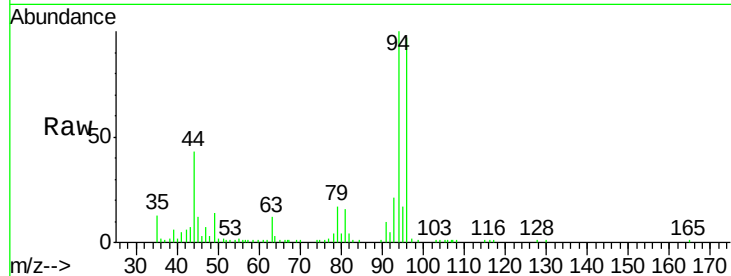
VSTDIC005

Tgt Ion: 94 Resp: 9696

Ion Ratio Lower Upper

94 100

96 96.3 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

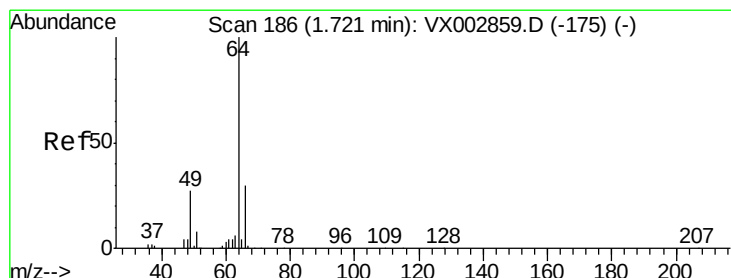
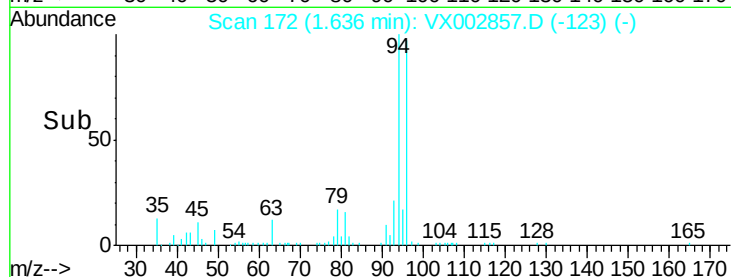
4000

2000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 4.739 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002857.D

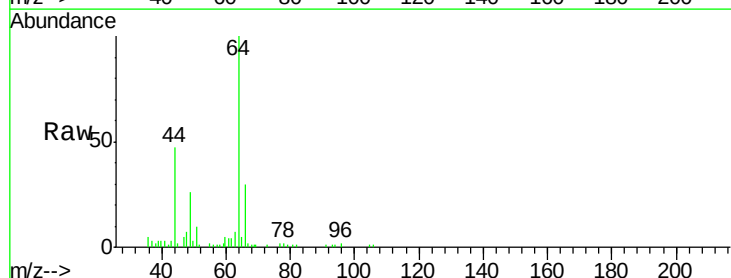
Acq: 25 Jun 2018 11:21

Tgt Ion: 64 Resp: 10786

Ion Ratio Lower Upper

64 100

66 31.1 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

8000

6000

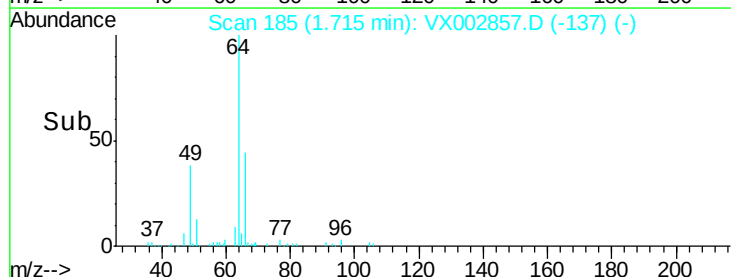
4000

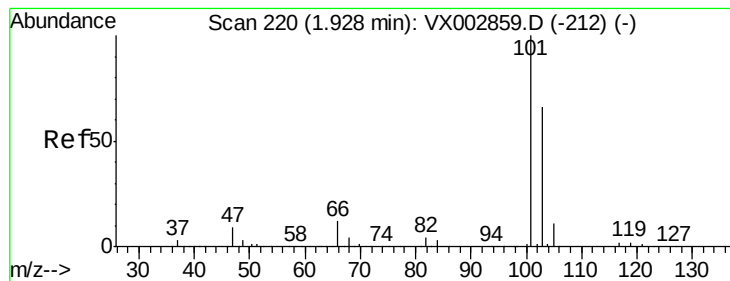
2000

0

Time-->

1.65 1.70 1.75



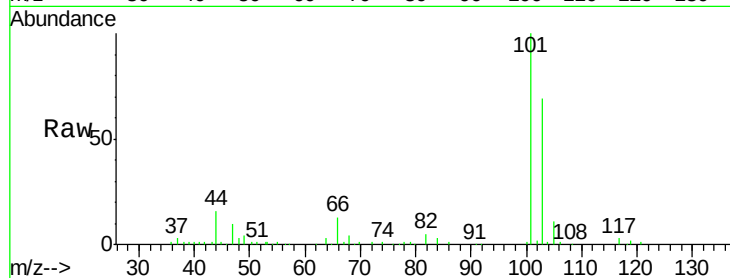


#7

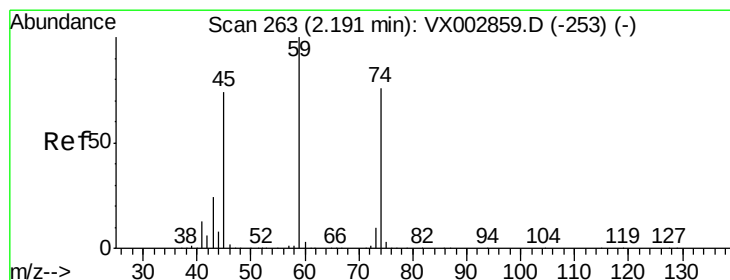
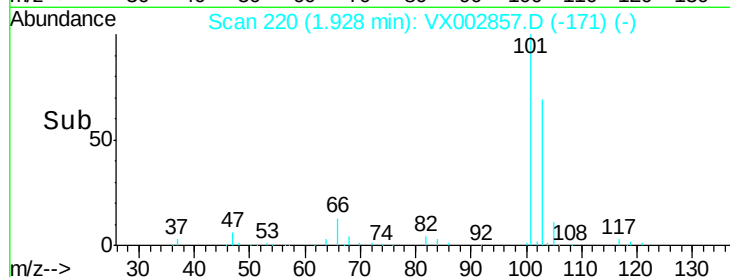
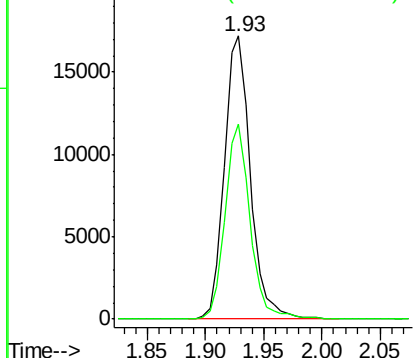
Trichlorofluoromethane
Concen: 4.730 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 26537
Ion Ratio Lower Upper
101 100
103 69.0 52.8 79.2



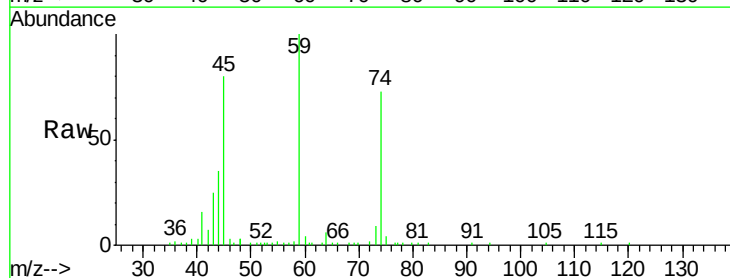
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



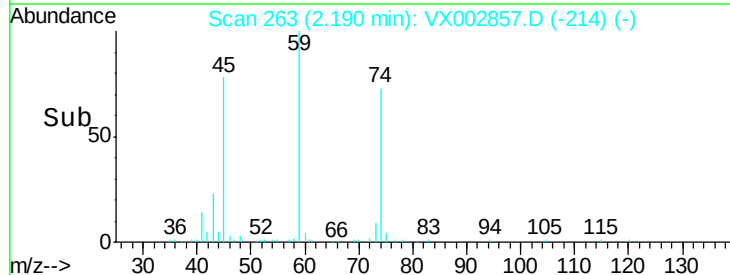
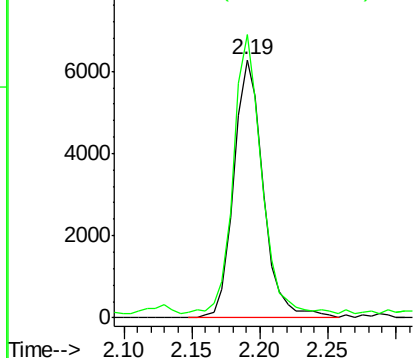
#8

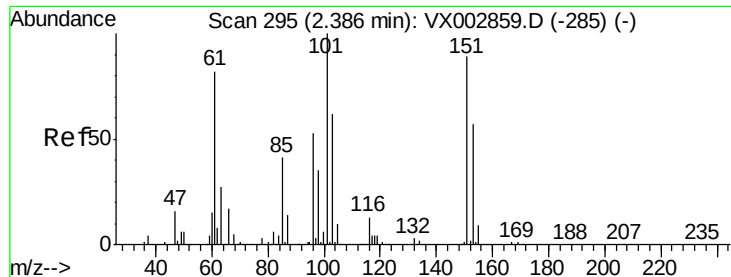
Diethyl Ether
Concen: 4.424 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 74 Resp: 9441
Ion Ratio Lower Upper
74 100
45 103.3 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.924 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

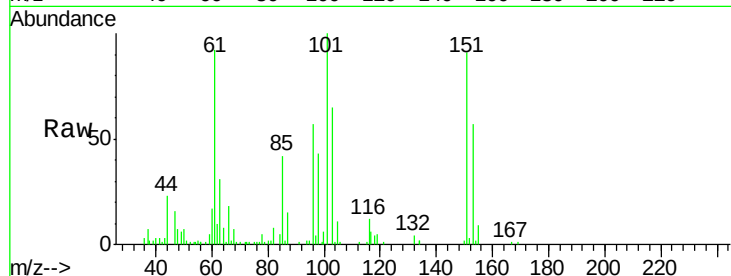
Tgt Ion:101 Resp: 15442

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

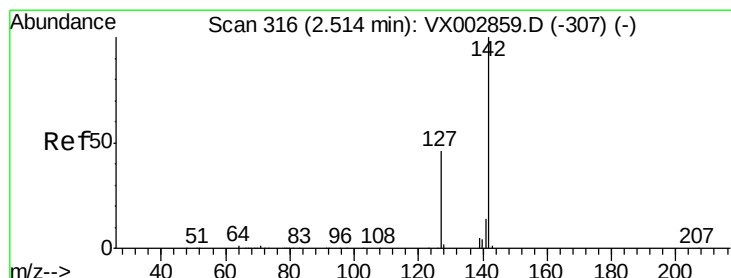
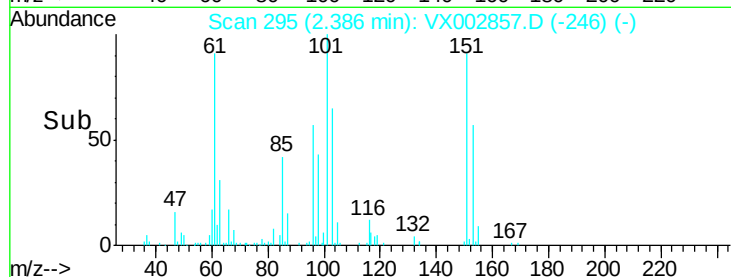
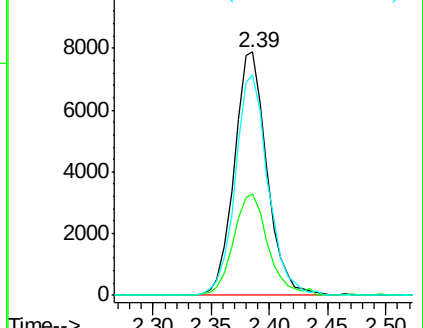
151 91.3 70.9 106.3



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: 2.947 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

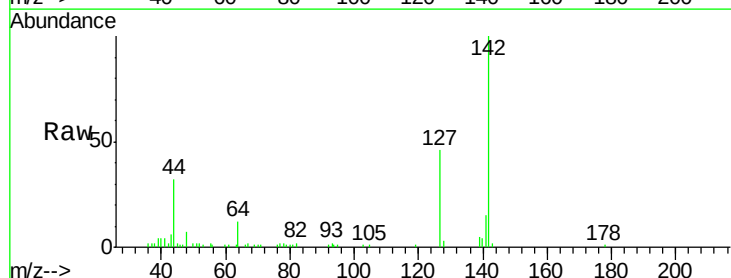
Tgt Ion:142 Resp: 11380

Ion Ratio Lower Upper

142 100

127 46.5 36.6 55.0

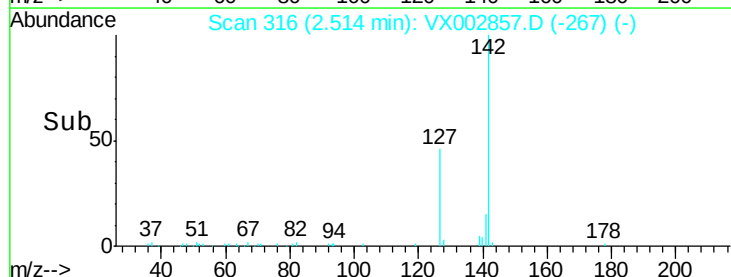
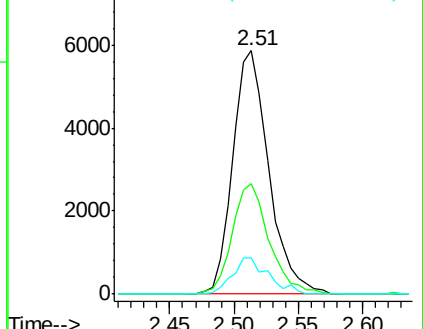
141 14.8 11.3 16.9

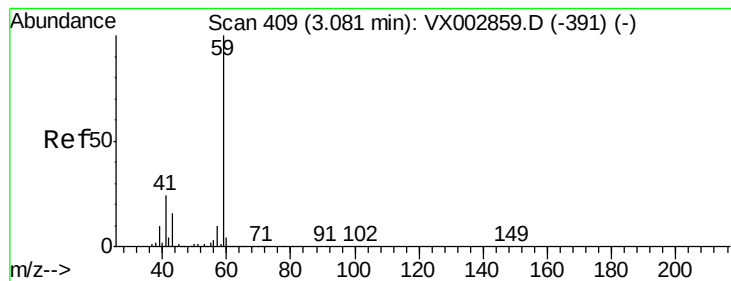


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 22.213 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

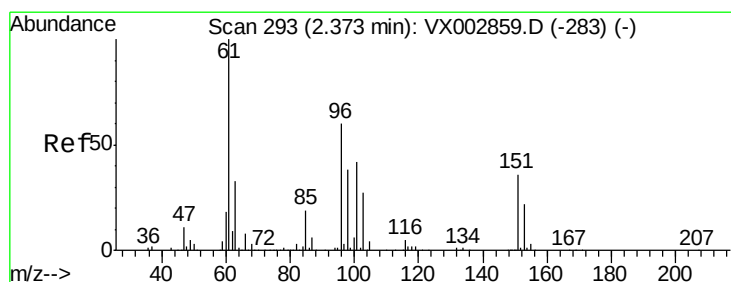
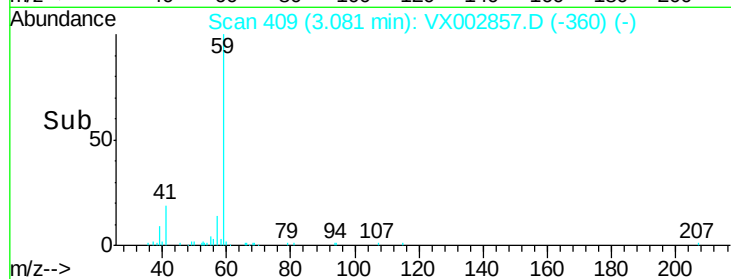
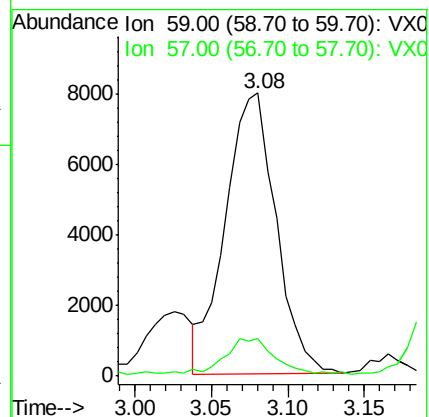
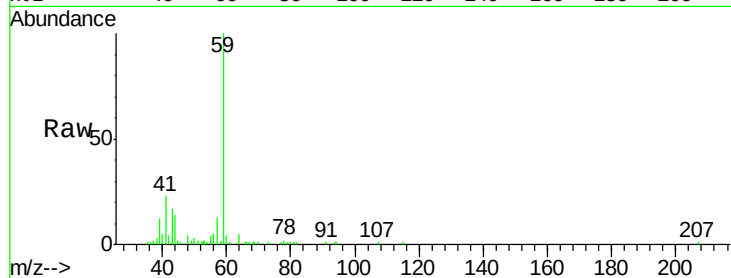
VSTDIC005

Tgt Ion: 59 Resp: 18390

Ion Ratio Lower Upper

59 100

57 12.1 8.2 12.2



#12

1,1-Dichloroethene

Concen: 4.542 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

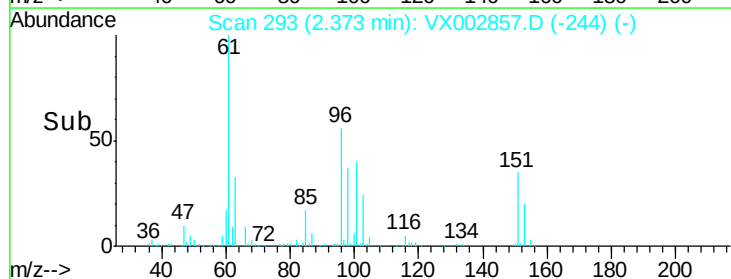
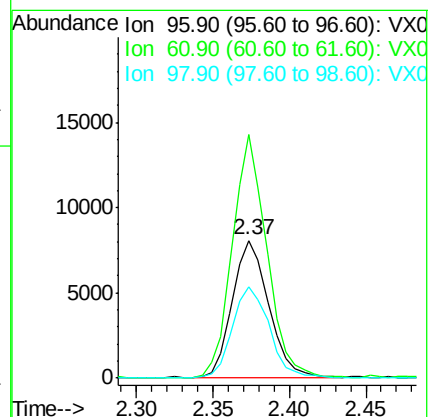
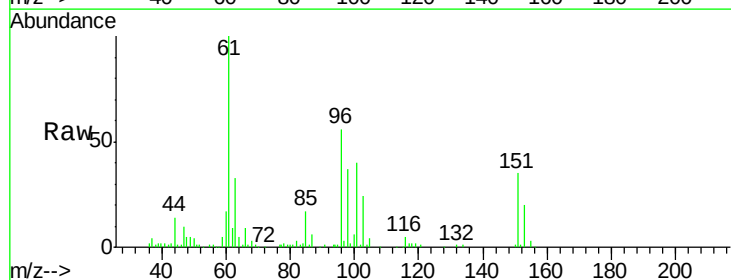
Tgt Ion: 96 Resp: 13376

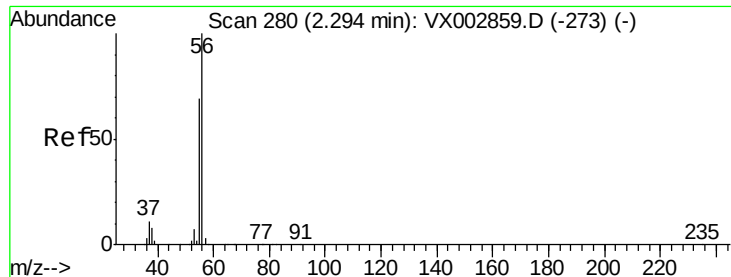
Ion Ratio Lower Upper

96 100

61 177.1 137.9 206.9

98 66.2 51.6 77.4





#13

Acrolein

Concen: 33.196 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

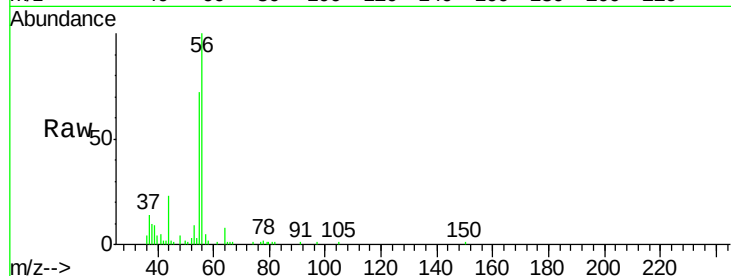
VSTDIC005

Tgt Ion: 56 Resp: 13936

Ion Ratio Lower Upper

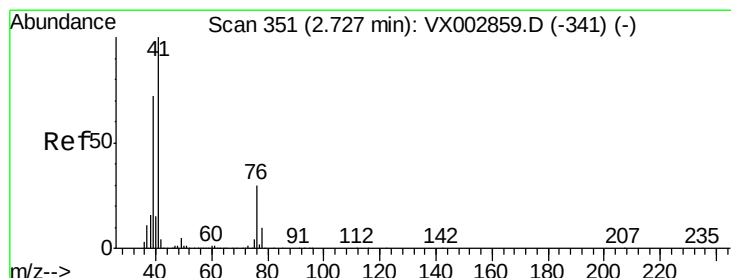
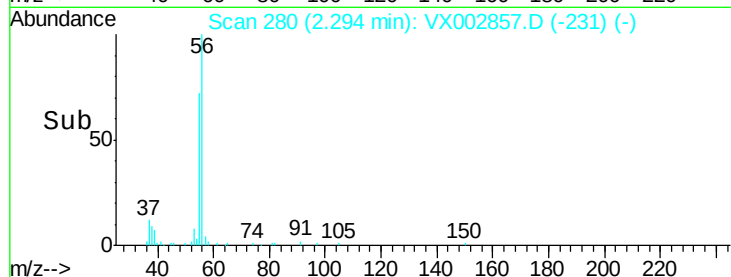
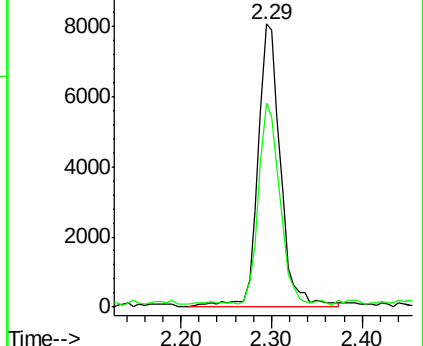
56 100

55 65.9 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: 4.492 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

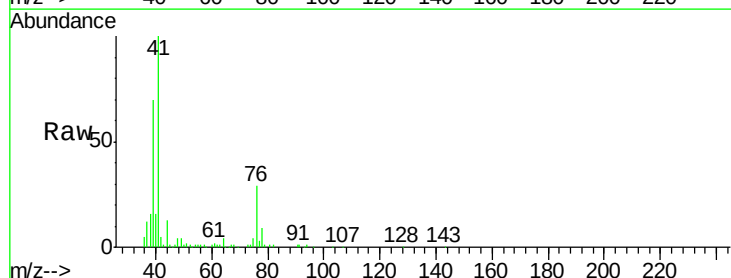
Tgt Ion: 41 Resp: 26262

Ion Ratio Lower Upper

41 100

39 70.4 56.8 85.2

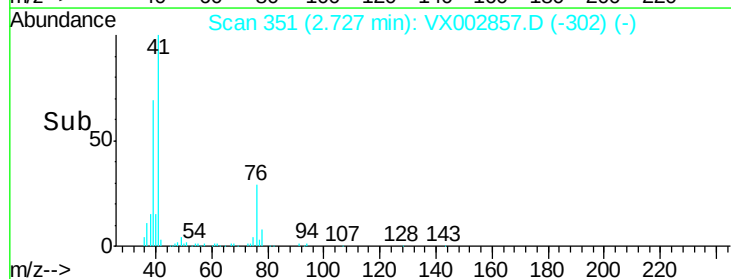
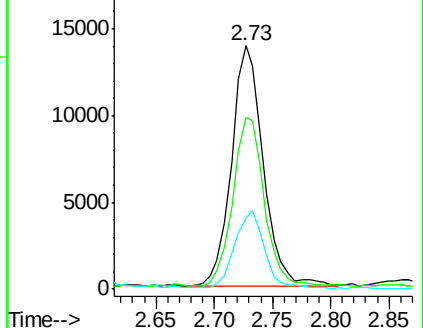
76 31.5 23.8 35.8

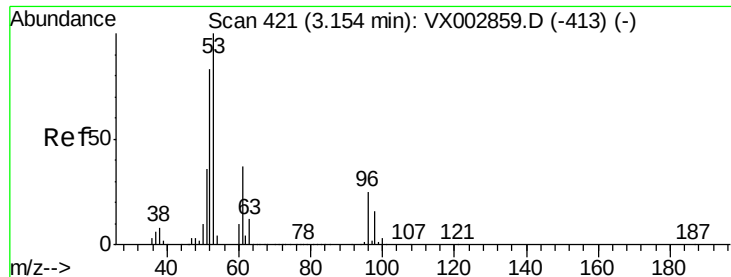


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 21.790 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

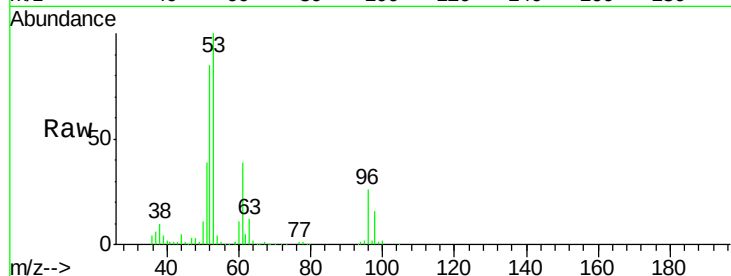
Tgt Ion: 53 Resp: 39366

Ion Ratio Lower Upper

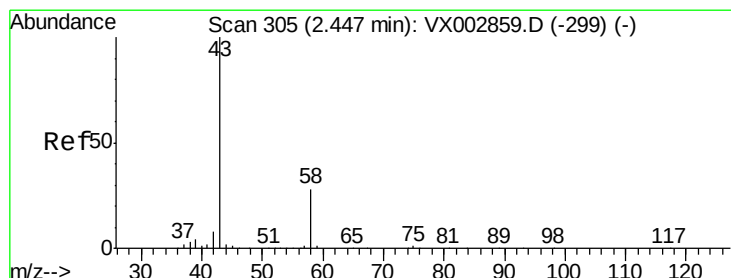
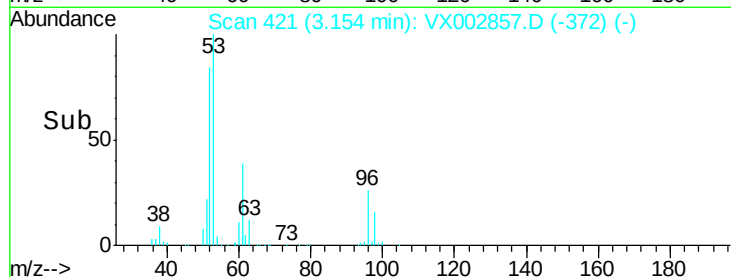
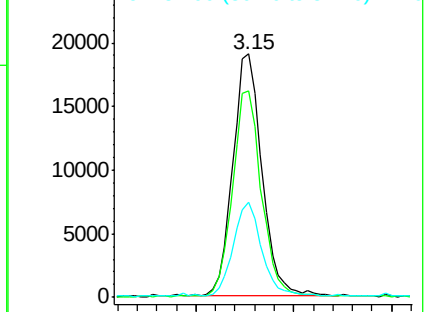
53 100

52 83.8 66.7 100.1

51 38.0 29.9 44.9



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



#16

Acetone

Concen: 21.769 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002857.D

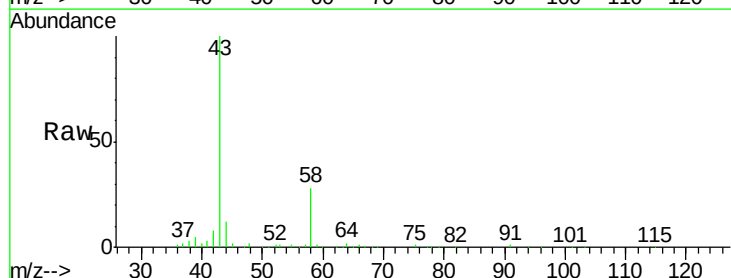
Acq: 25 Jun 2018 11:21

Tgt Ion: 43 Resp: 38462

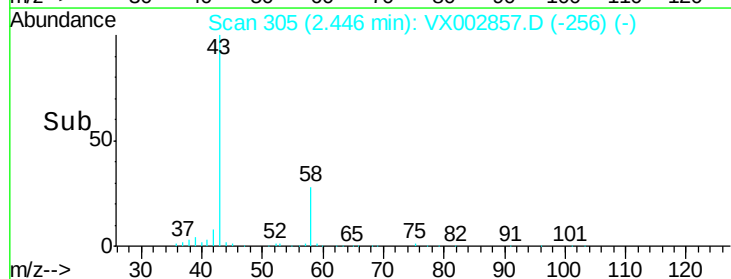
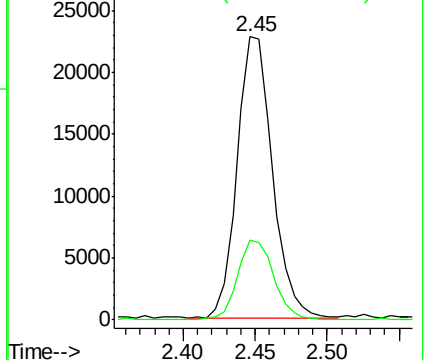
Ion Ratio Lower Upper

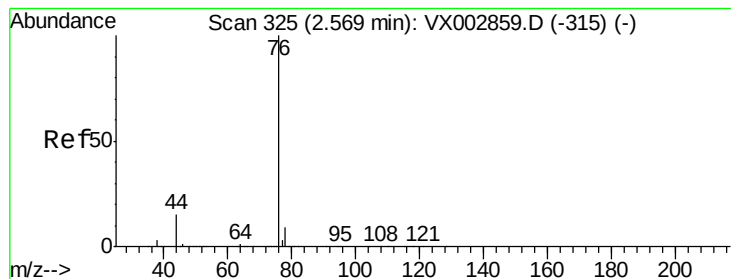
43 100

58 28.5 22.1 33.1



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





#17

Carbon Disulfide

Concen: 5.209 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

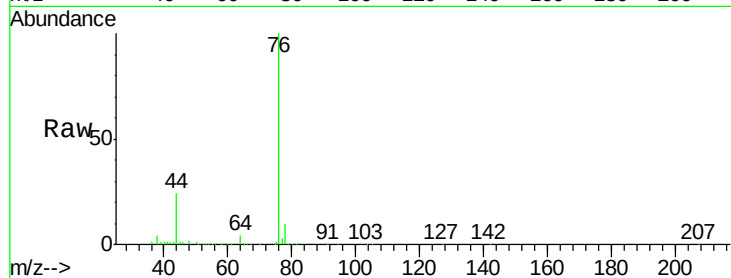
VSTDIC005

Tgt Ion: 76 Resp: 36377

Ion Ratio Lower Upper

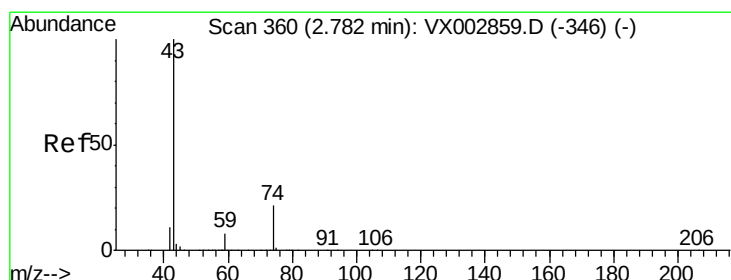
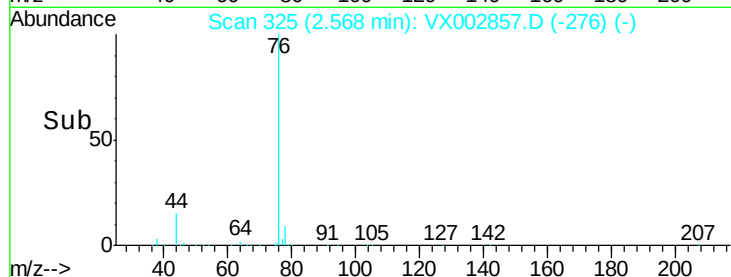
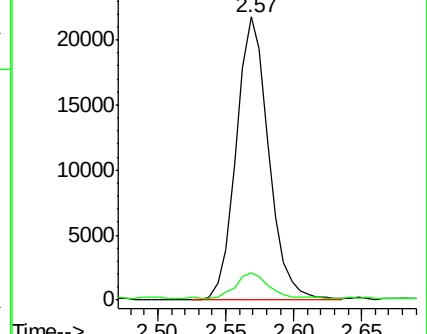
76 100

78 8.9 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: 4.156 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002857.D

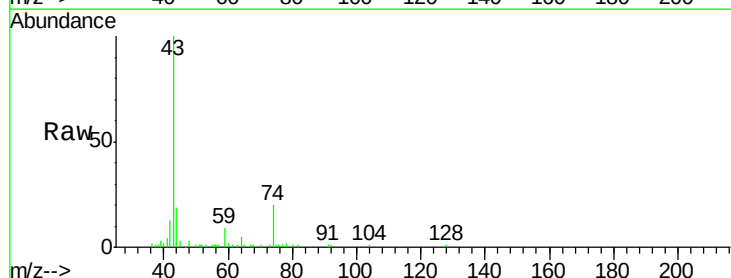
Acq: 25 Jun 2018 11:21

Tgt Ion: 43 Resp: 19564

Ion Ratio Lower Upper

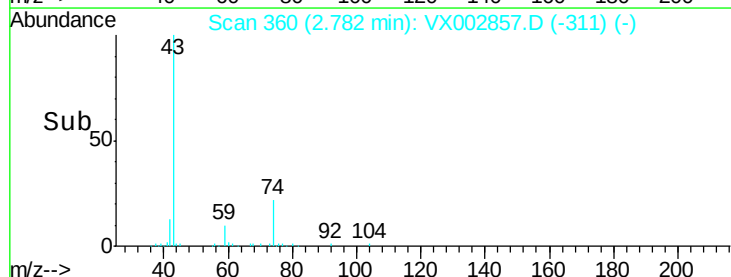
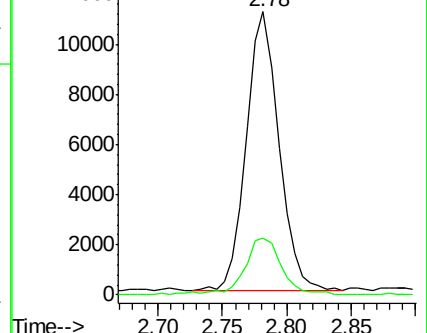
43 100

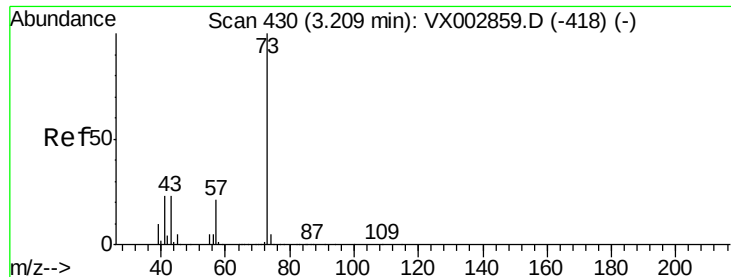
74 23.3 16.7 25.1



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: 4.352 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

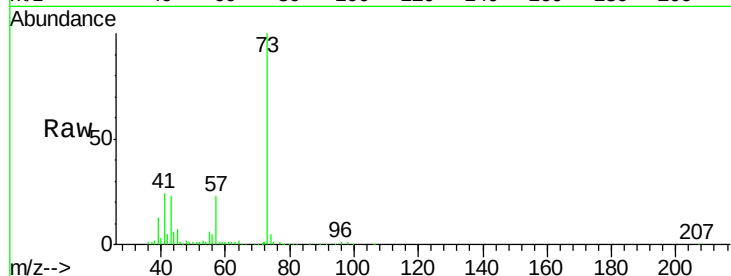
VSTDIC005

Tgt Ion: 73 Resp: 48071

Ion Ratio Lower Upper

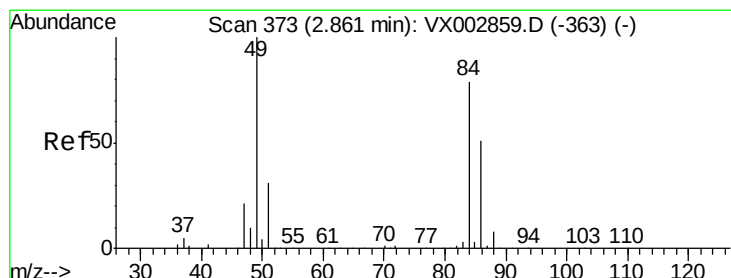
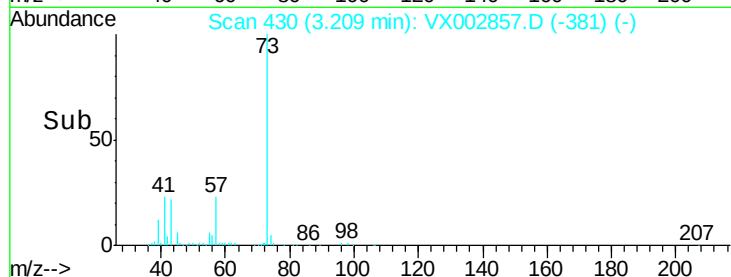
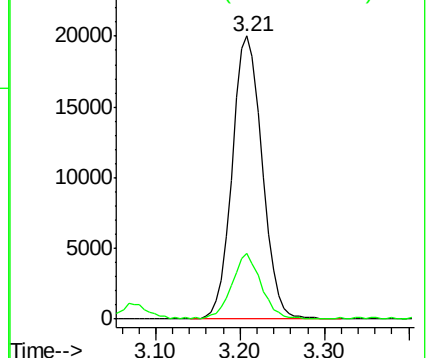
73 100

57 22.8 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 4.288 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion: 84 Resp: 15534

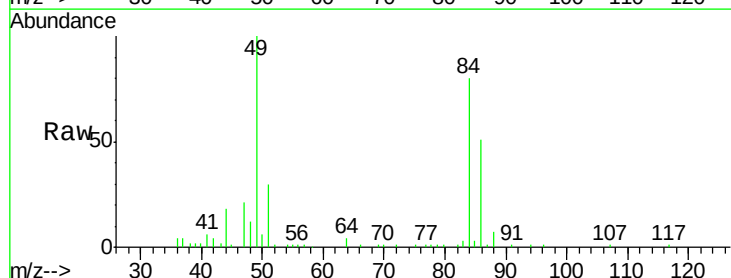
Ion Ratio Lower Upper

84 100

49 124.9 107.8 161.6

51 36.8 32.8 49.2

86 64.5 52.5 78.7

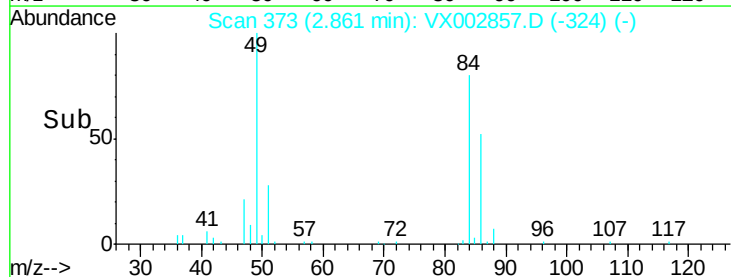
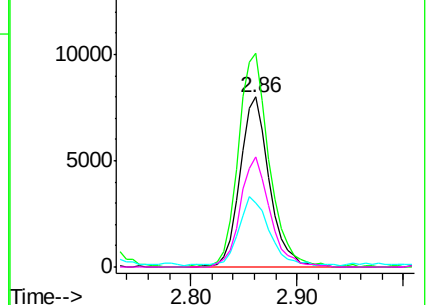


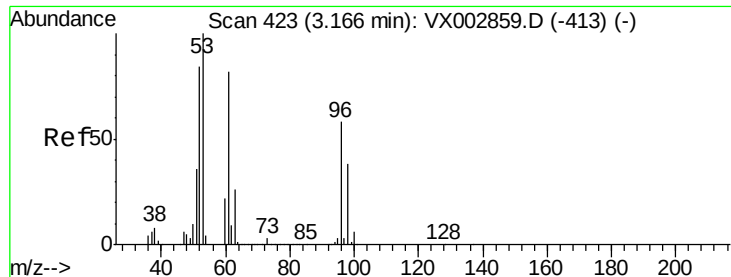
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 4.720 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

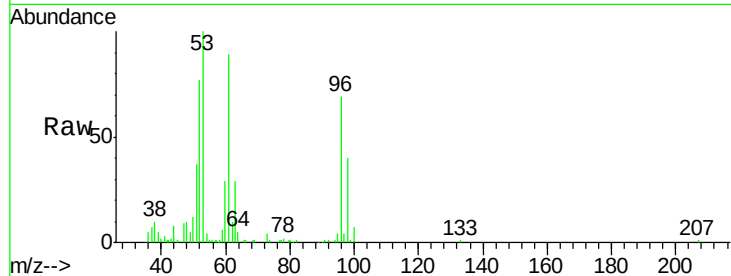
Tgt Ion: 96 Resp: 15077

Ion Ratio Lower Upper

96 100

61 129.5 117.0 175.4

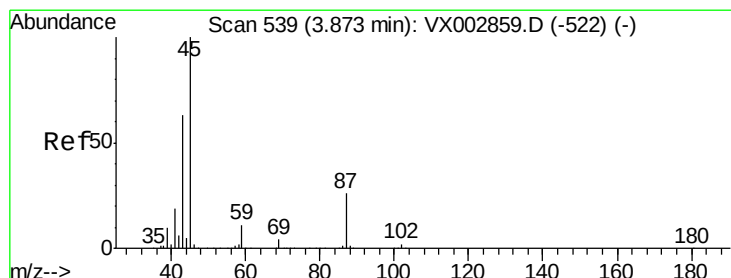
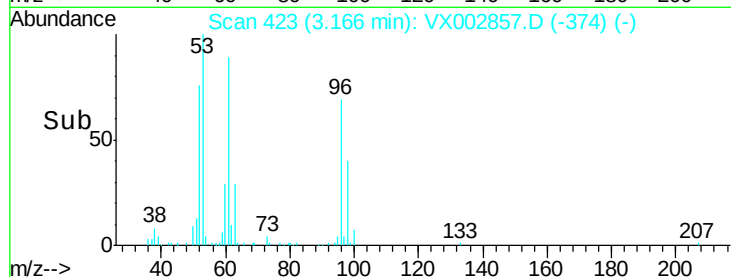
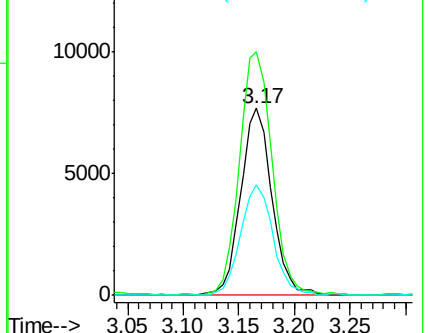
98 59.0 52.4 78.6



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: 4.660 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion: 45 Resp: 49292

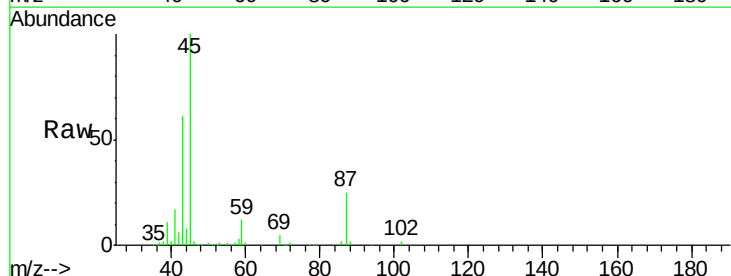
Ion Ratio Lower Upper

45 100

43 59.9 46.8 70.2

87 24.8 20.2 30.4

59 12.0 8.7 13.1

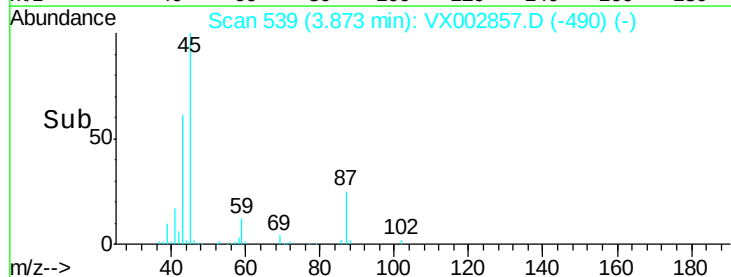
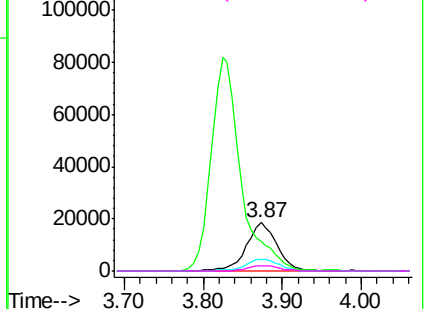


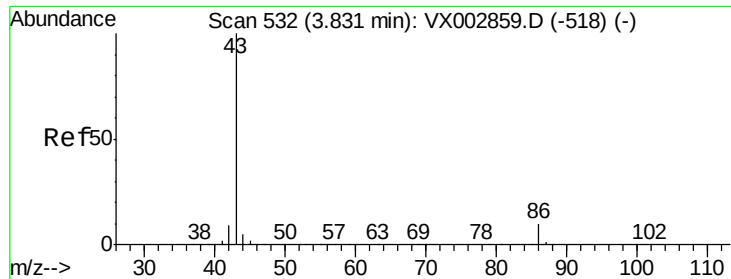
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 24.125 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

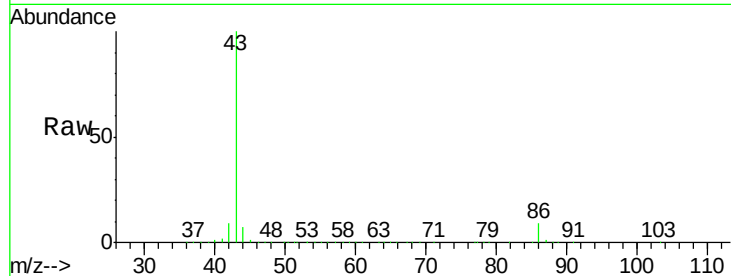
VSTDIC005

Tgt Ion: 43 Resp: 213591

Ion Ratio Lower Upper

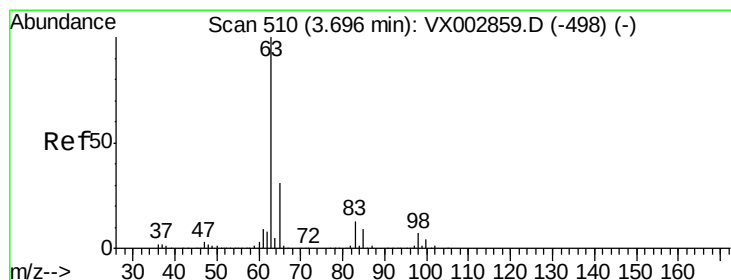
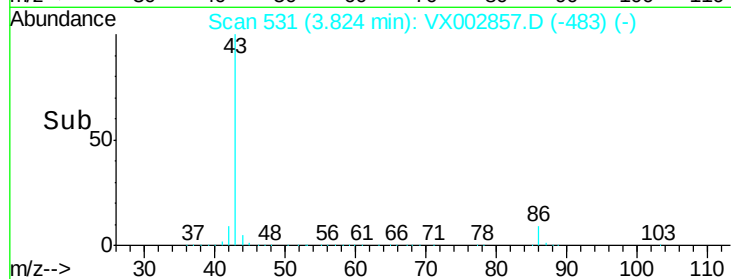
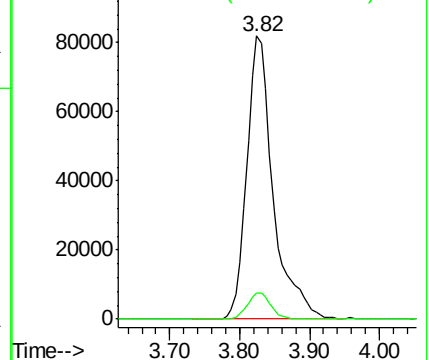
43 100

86 9.4 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: 4.858 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

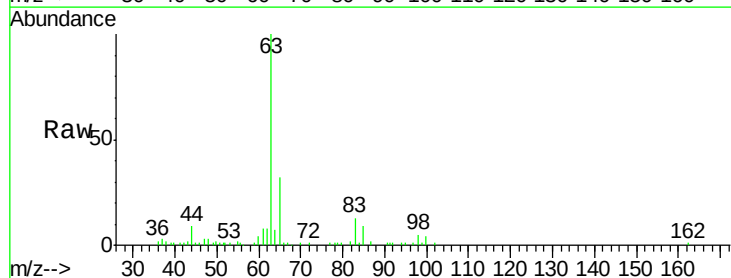
Tgt Ion: 63 Resp: 27890

Ion Ratio Lower Upper

63 100

98 5.5 3.4 10.2

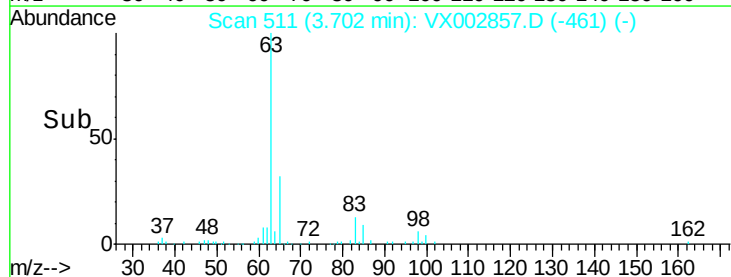
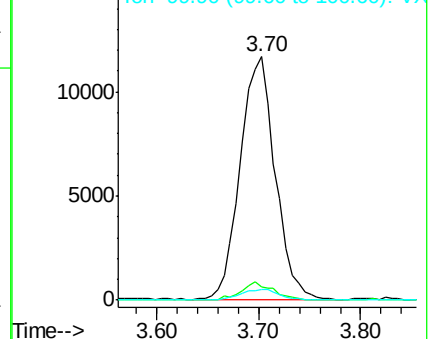
100 4.2 2.0 6.0

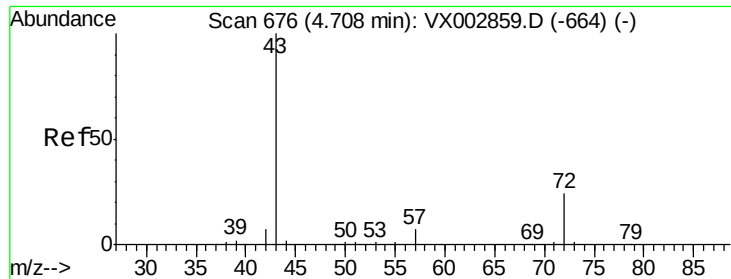


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 24.831 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

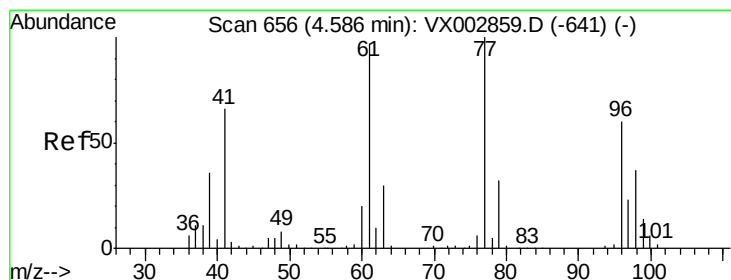
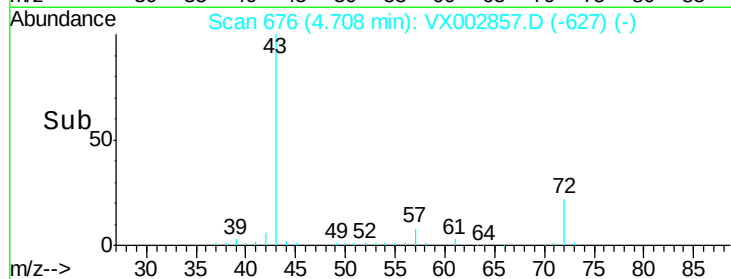
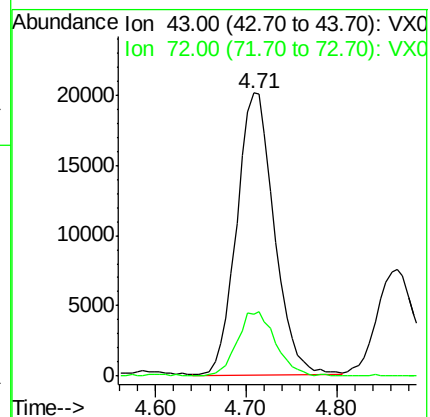
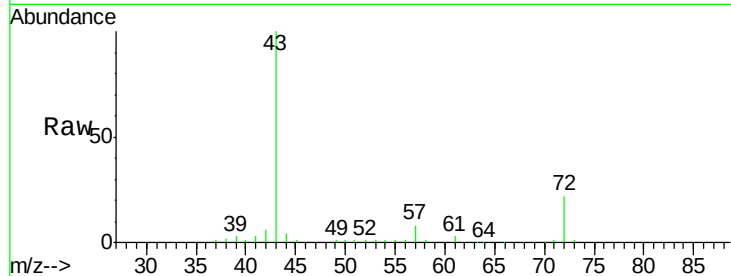
VSTDIC005

Tgt Ion: 43 Resp: 57615

Ion Ratio Lower Upper

43 100

72 22.1 18.5 27.7



#26

2,2-Dichloropropane

Concen: 5.194 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX002857.D

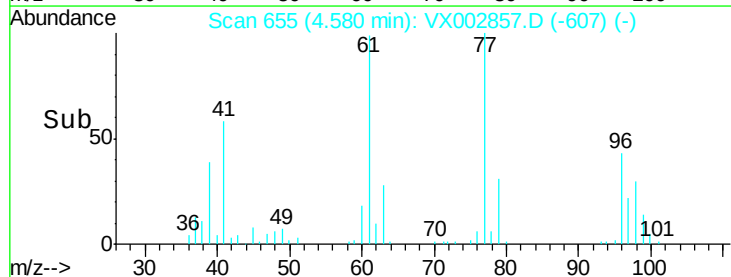
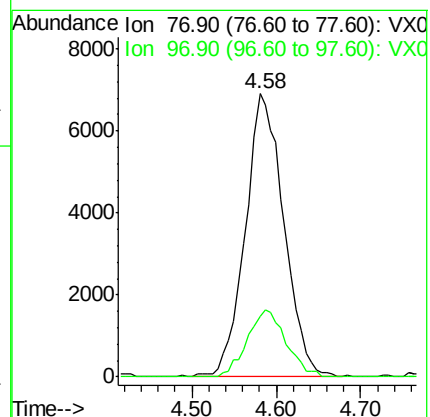
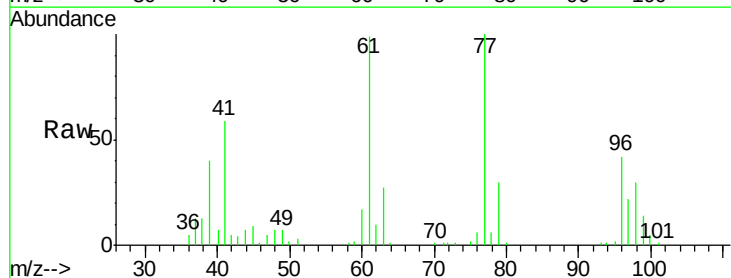
Acq: 25 Jun 2018 11:21

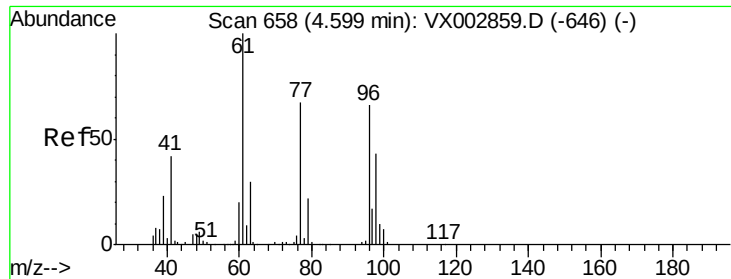
Tgt Ion: 77 Resp: 21426

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5



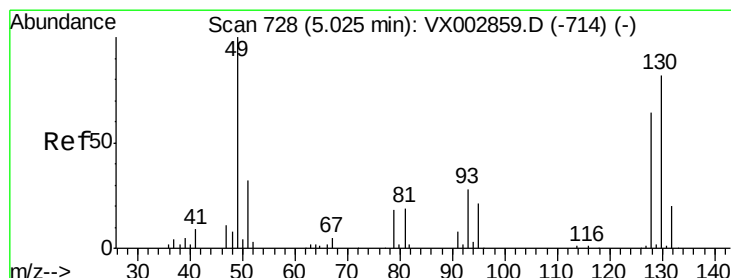
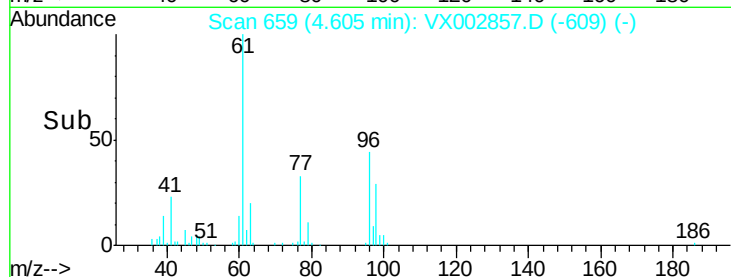
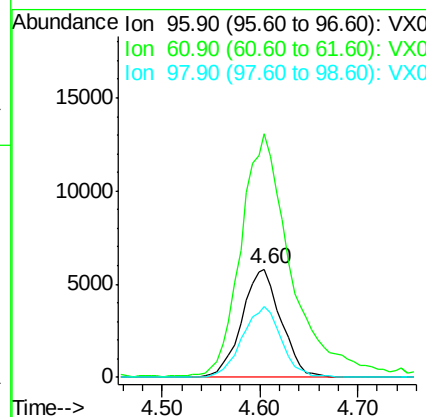
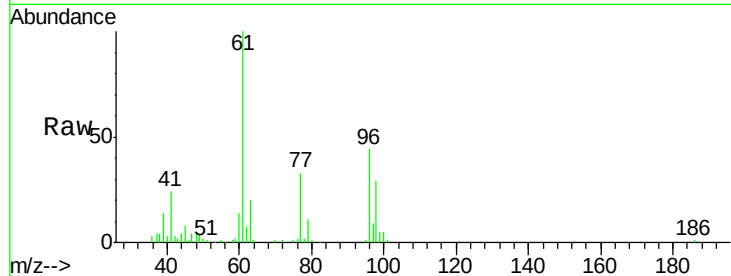


#27

cis-1,2-Dichloroethene
 Concen: 4.950 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

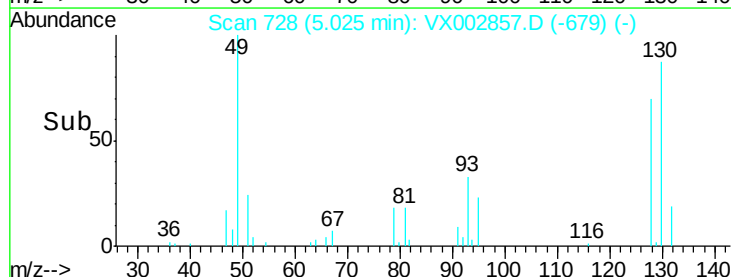
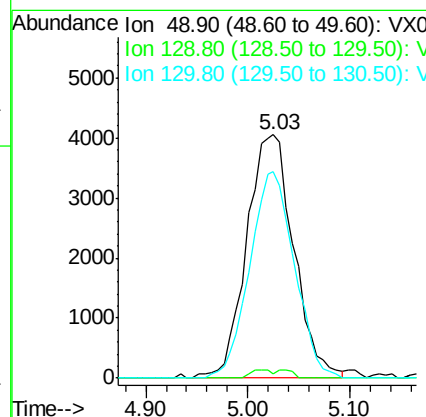
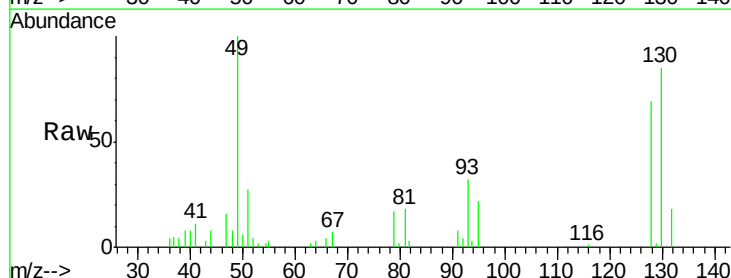
Tgt Ion: 96 Resp: 16088
 Ion Ratio Lower Upper
 96 100
 61 291.2 0.0 330.2
 98 65.1 0.0 130.2

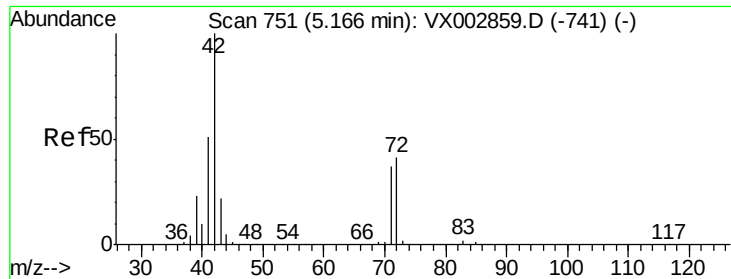


#28

Bromochloromethane
 Concen: 4.827 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion: 49 Resp: 12977
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.2
 130 80.6 61.2 91.8

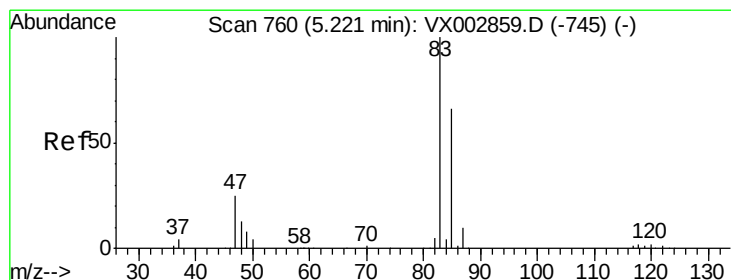
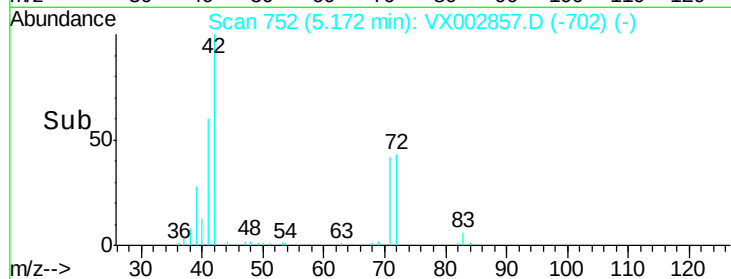
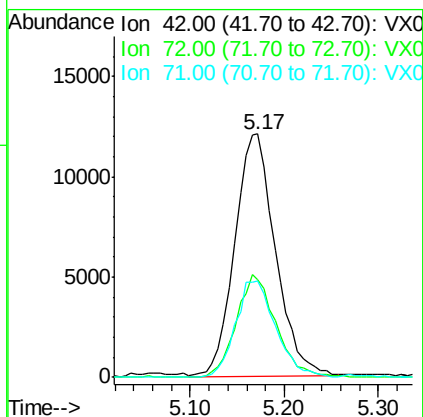
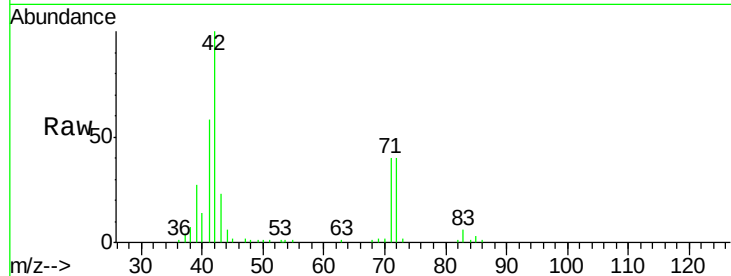




#29
Tetrahydrofuran
Concen: 23.823 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

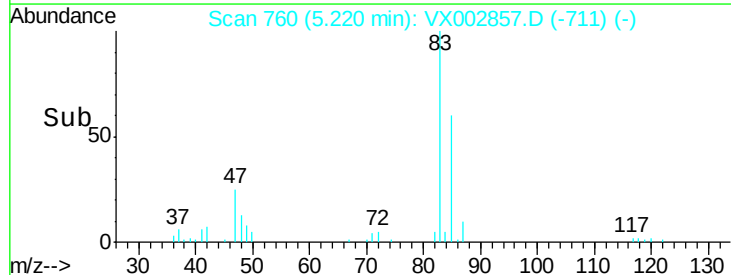
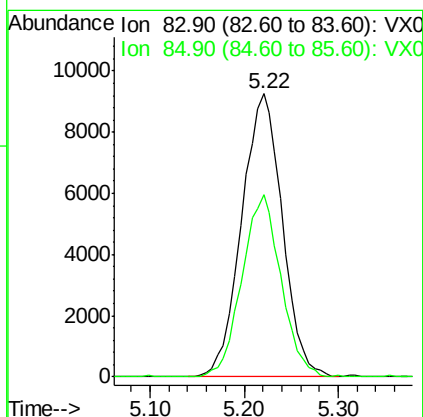
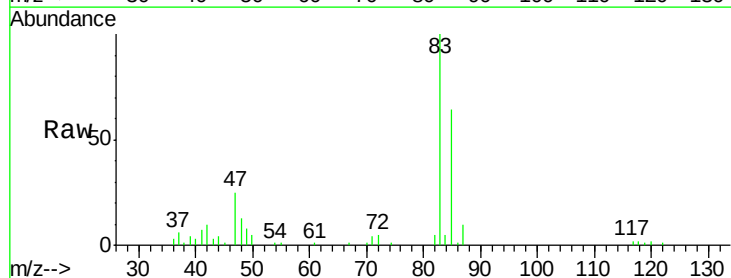
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

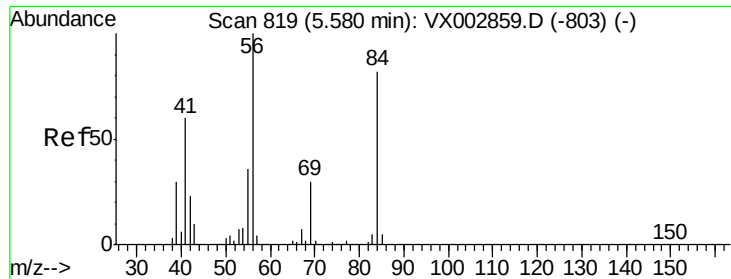
Tgt Ion: 42 Resp: 36228
Ion Ratio Lower Upper
42 100
72 41.5 32.0 48.0
71 39.6 30.1 45.1



#30
Chloroform
Concen: 5.052 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 83 Resp: 27971
Ion Ratio Lower Upper
83 100
85 64.4 50.4 75.6





#31

Cyclohexane

Concen: 4.898 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

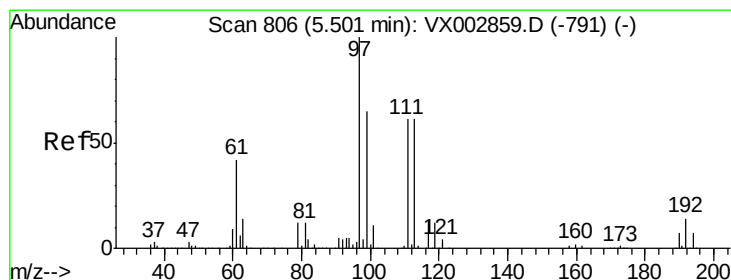
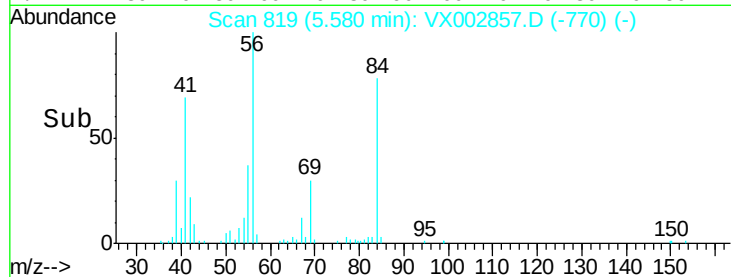
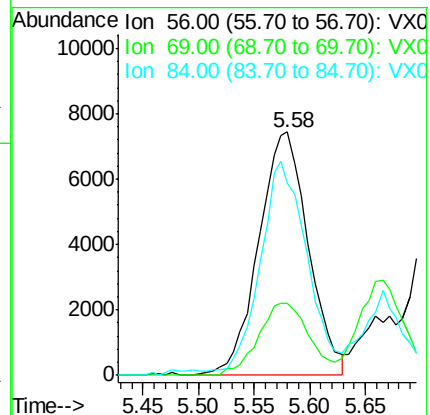
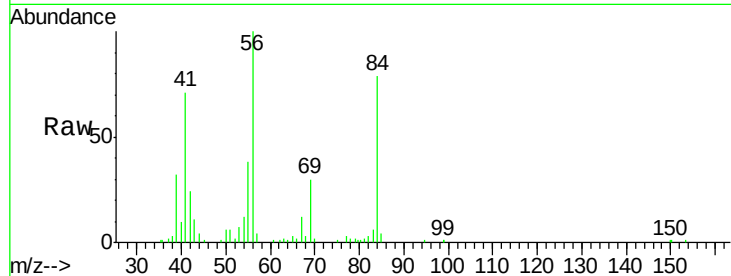
Tgt Ion: 56 Resp: 23152

Ion Ratio Lower Upper

56 100

69 29.5 23.7 35.5

84 76.7 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 5.176 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

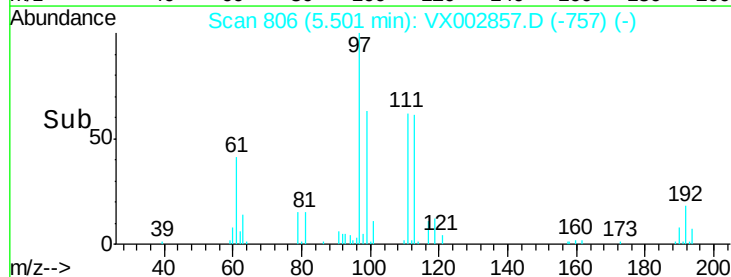
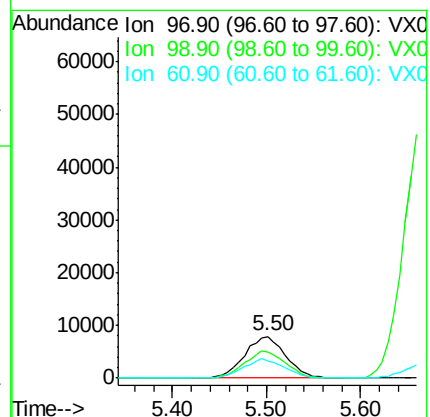
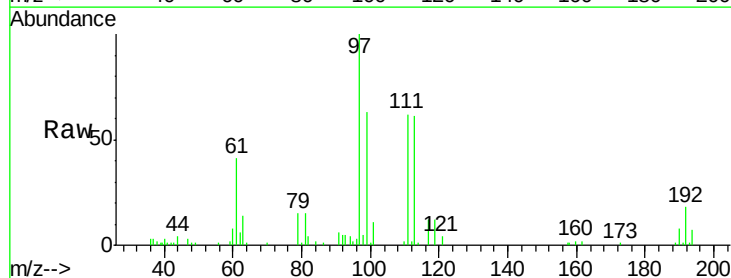
Tgt Ion: 97 Resp: 23966

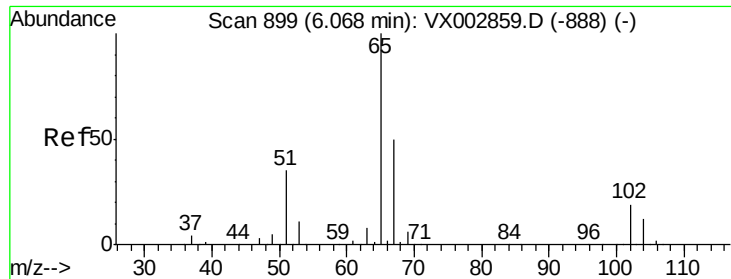
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 46.3 36.4 54.6

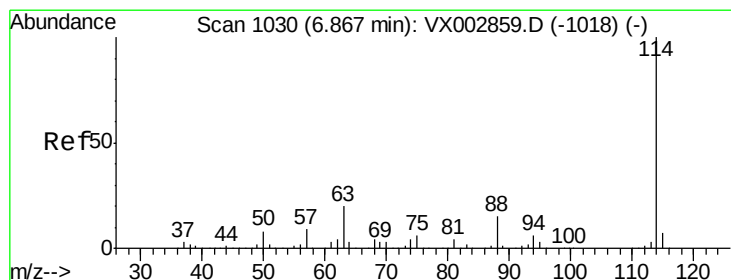
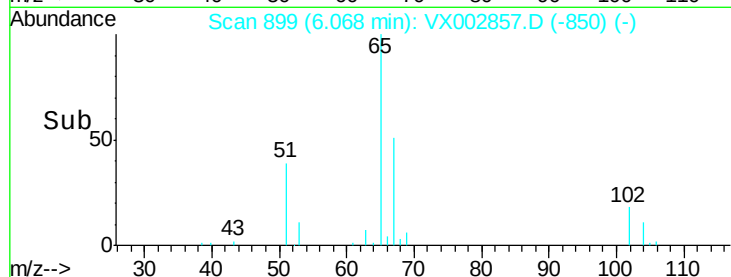
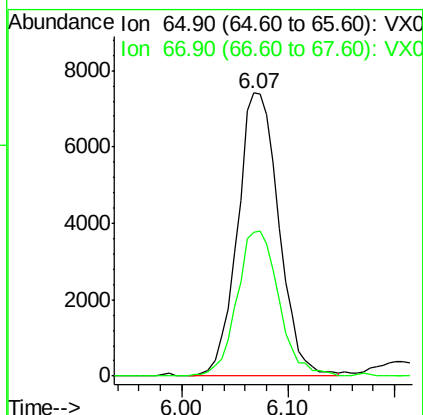
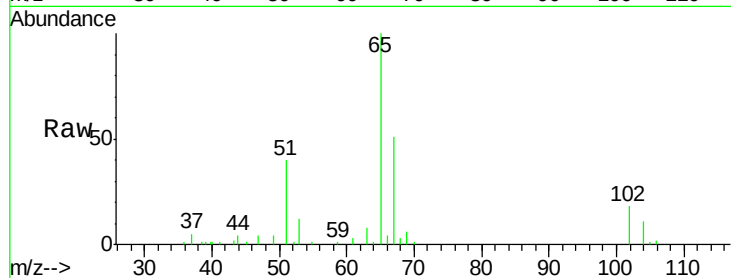




#33
 1,2-Dichloroethane-d4
 Concen: 5.039 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

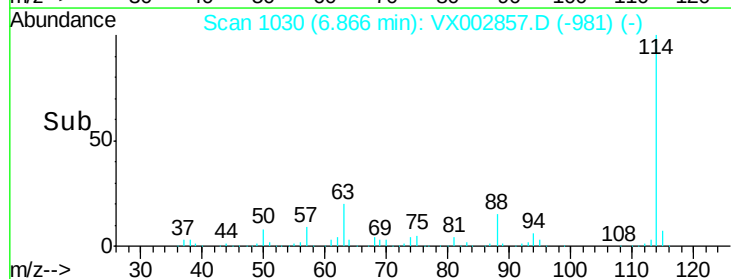
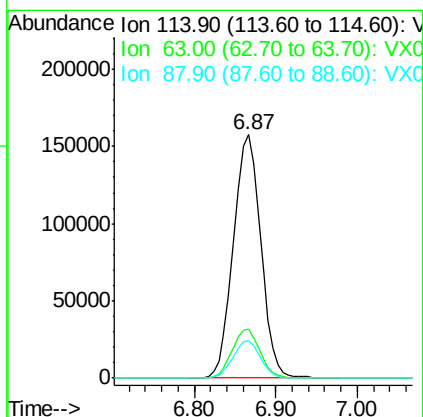
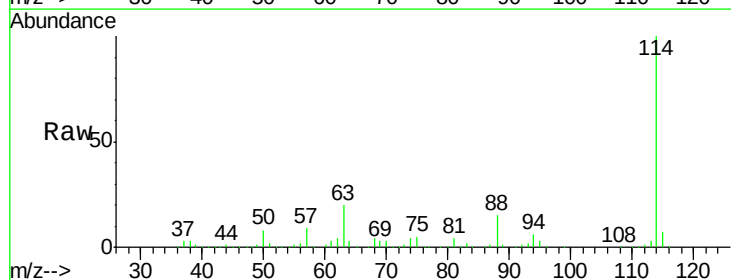
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

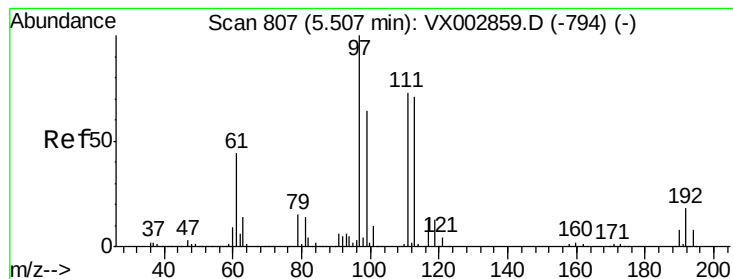
Tgt Ion: 65 Resp: 20178
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion: 114 Resp: 366386
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 5.277 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

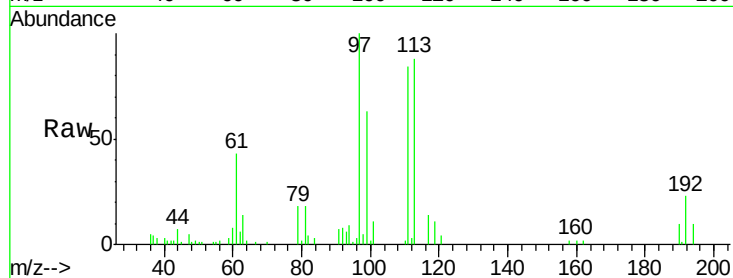
Tgt Ion:113 Resp: 15431

Ion Ratio Lower Upper

113 100

111 100.2 81.4 122.0

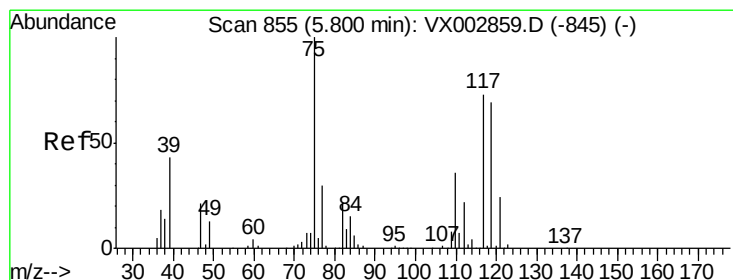
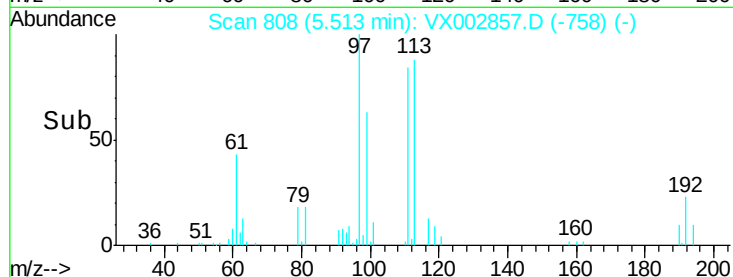
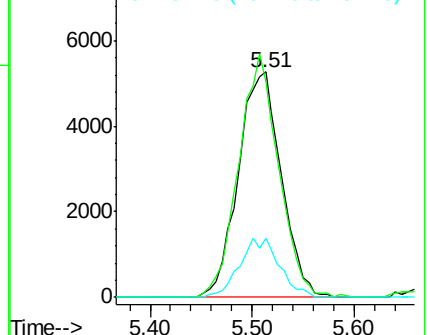
192 24.4 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.209 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

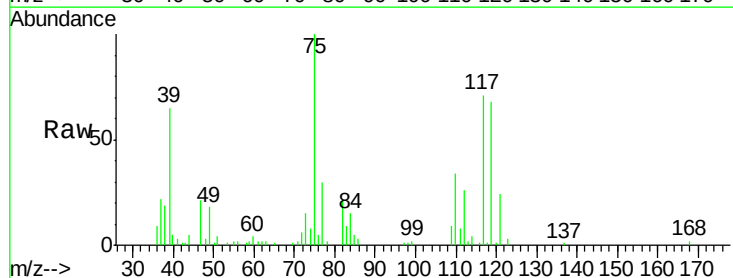
Tgt Ion: 75 Resp: 20268

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

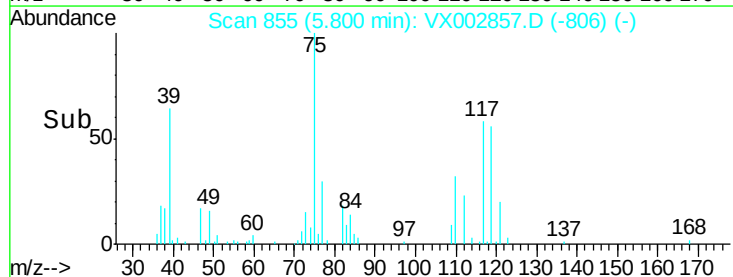
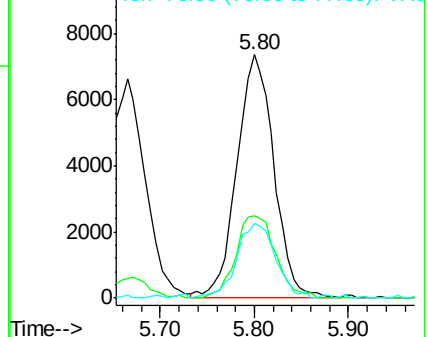
77 32.0 24.3 36.5

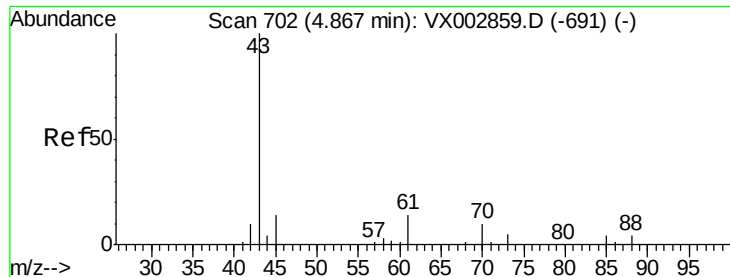


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 5.024 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

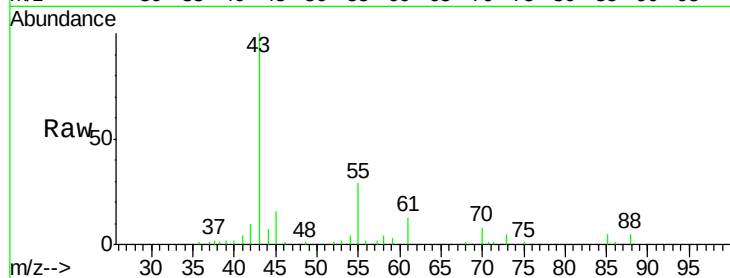
Tgt Ion: 43 Resp: 22128

Ion Ratio Lower Upper

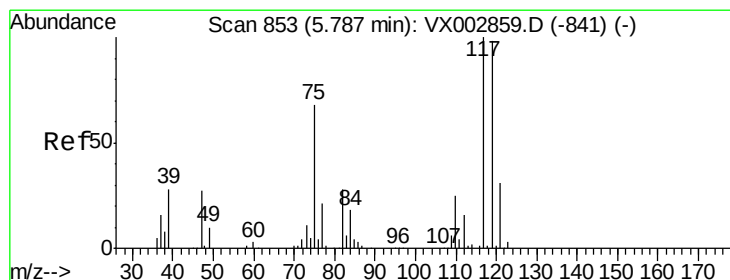
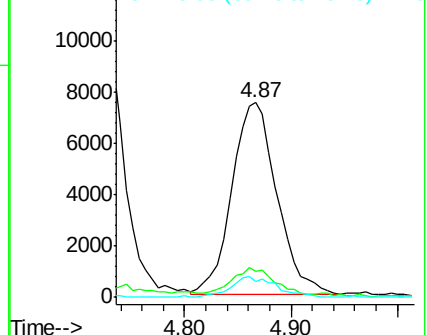
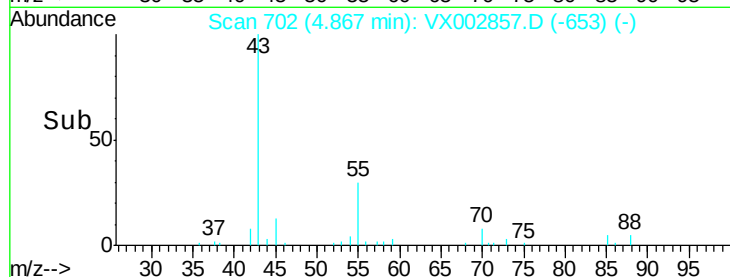
43 100

61 12.7 10.4 15.6

70 10.8 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002857.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 5.335 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

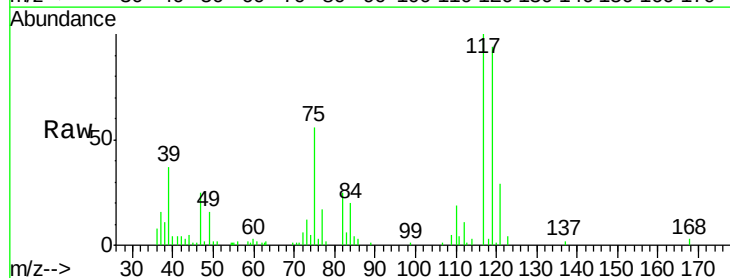
Tgt Ion: 117 Resp: 20673

Ion Ratio Lower Upper

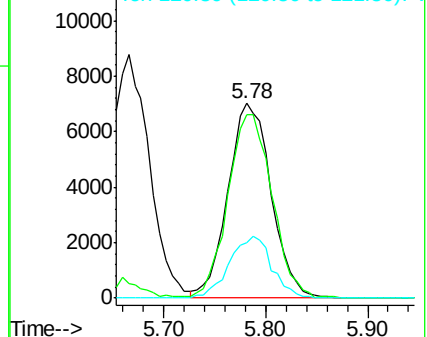
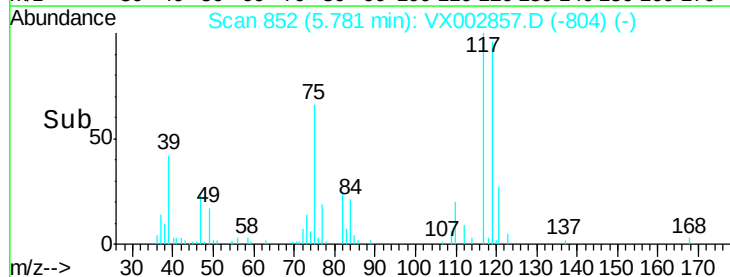
117 100

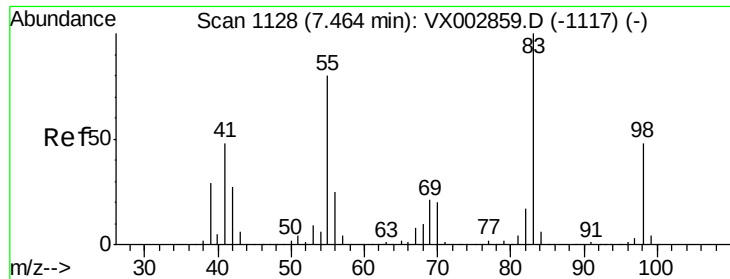
119 94.3 77.4 116.0

121 28.7 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX002857.D (-804) (-)

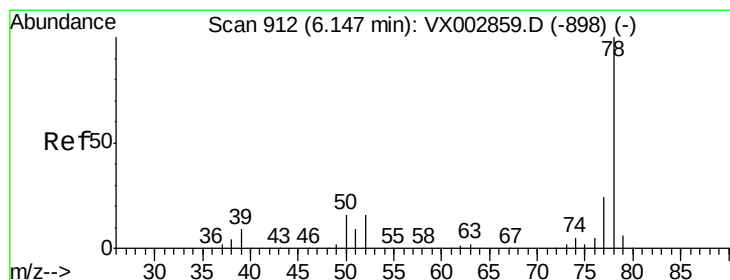
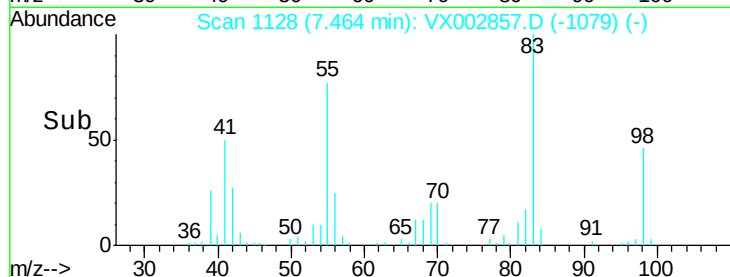
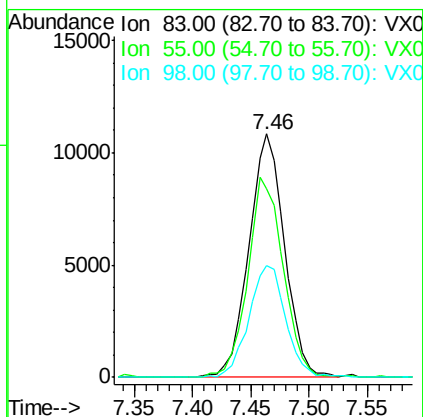
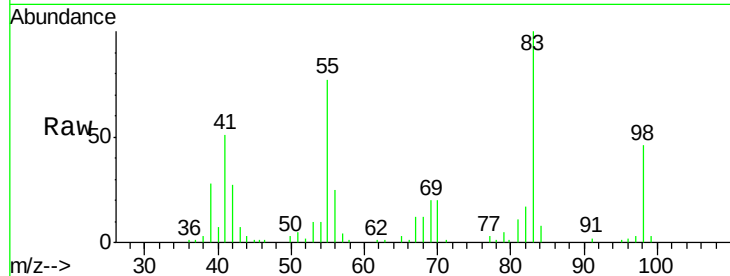




#39
Methylcyclohexane
Concen: 5.062 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

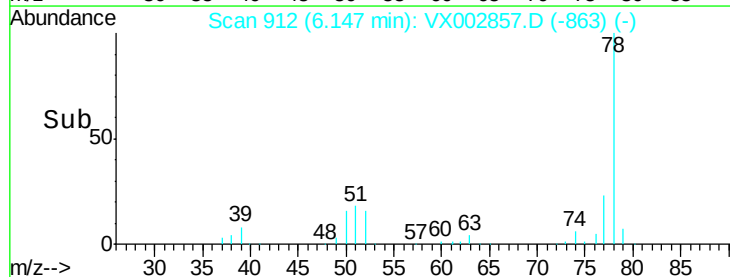
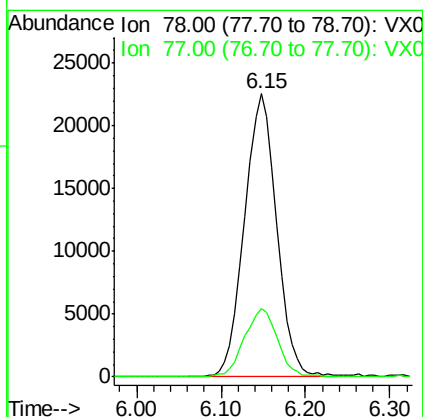
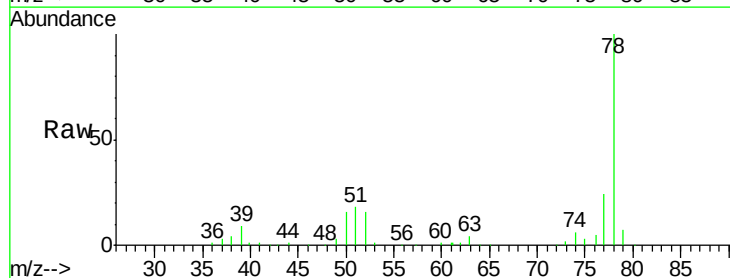
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

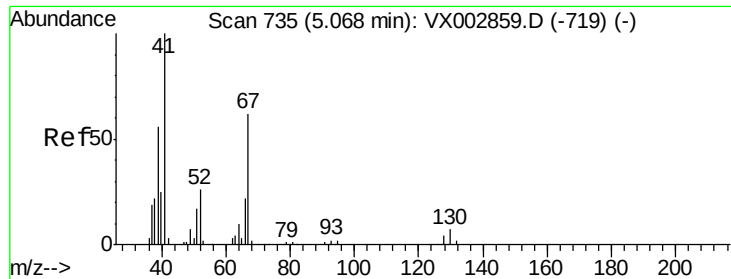
Tgt Ion: 83 Resp: 23027
Ion Ratio Lower Upper
83 100
55 77.4 65.4 98.0
98 46.1 37.4 56.0



#40
Benzene
Concen: 5.013 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 78 Resp: 58491
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

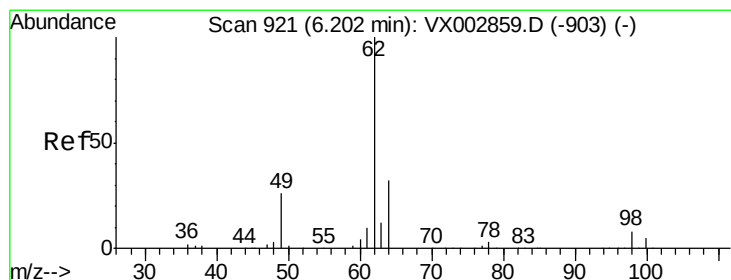
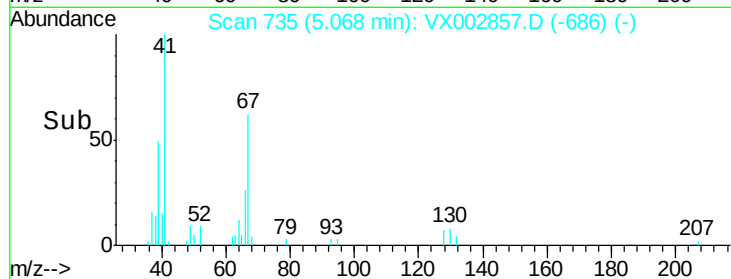
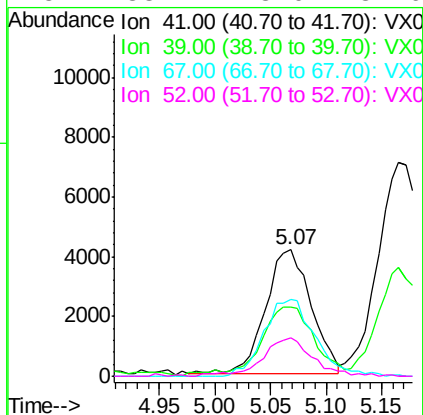
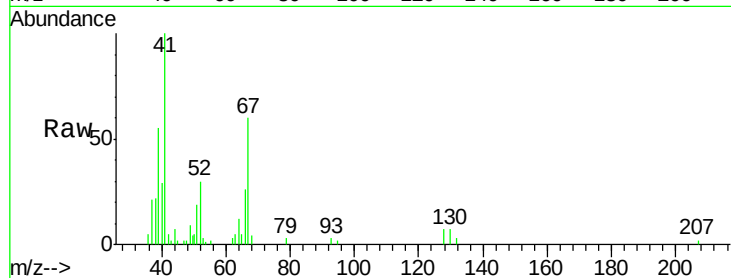




#41
Methacrylonitrile
Concen: 4.783 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

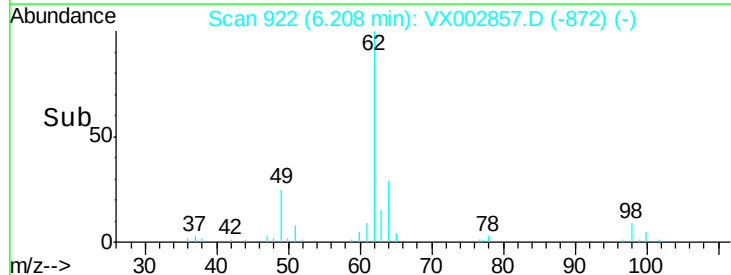
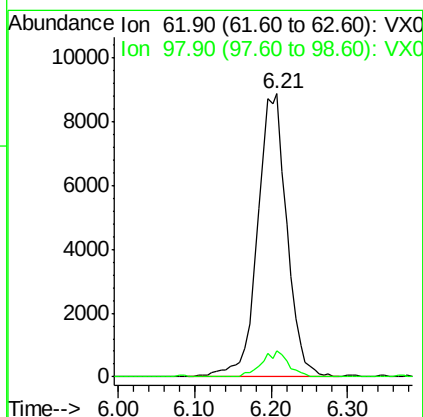
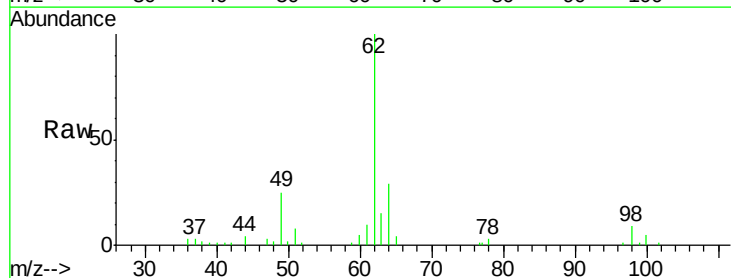
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

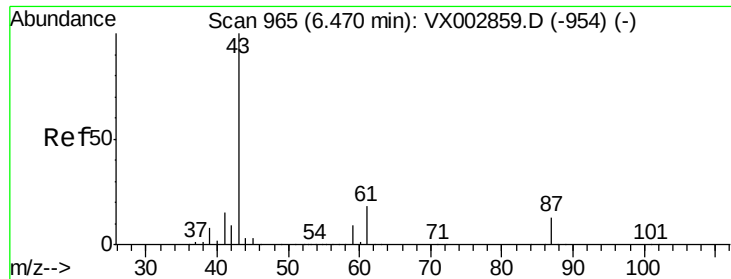
Tgt Ion:	41	Resp:	11893
Ion	Ratio	Lower	Upper
41	100		
39	60.9	45.8	68.6
67	69.6	51.3	76.9
52	33.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 5.264 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion:	62	Resp:	23777
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6

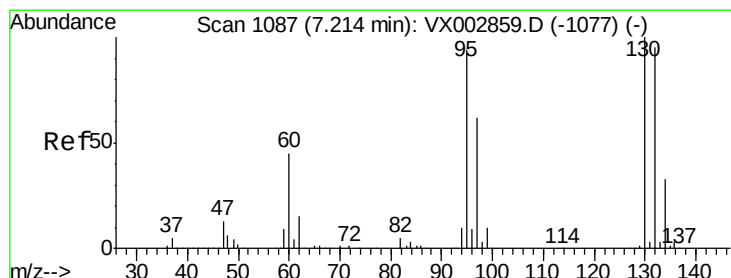
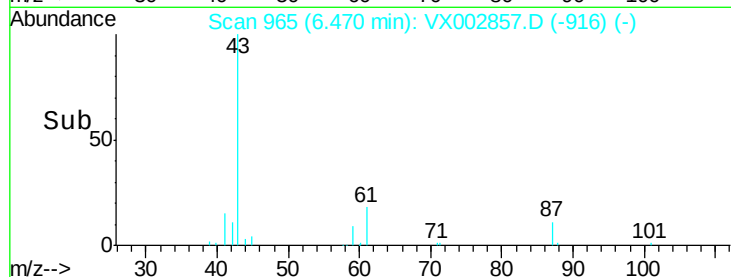
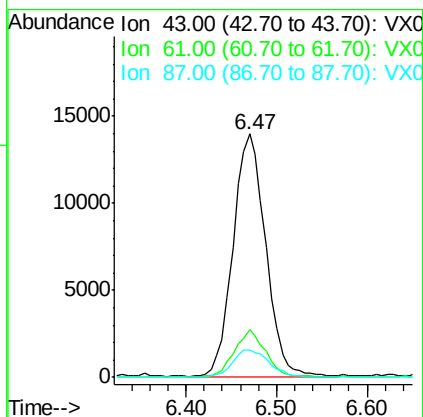
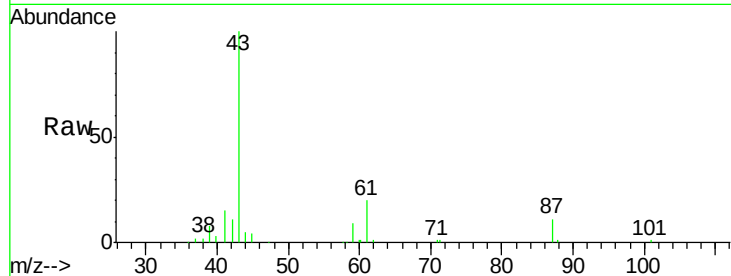




#43
Isopropyl Acetate
Concen: 4.740 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

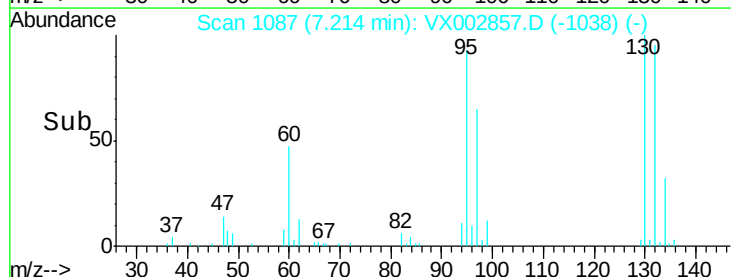
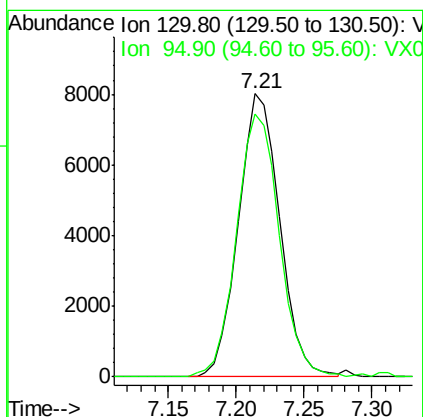
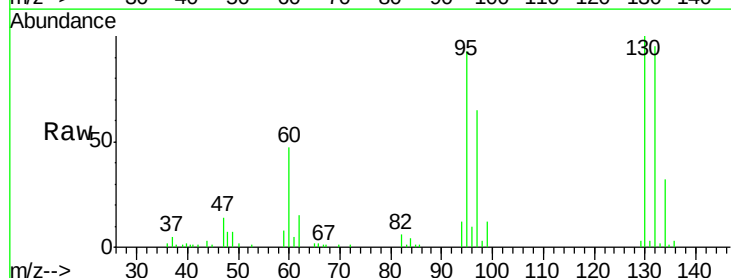
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

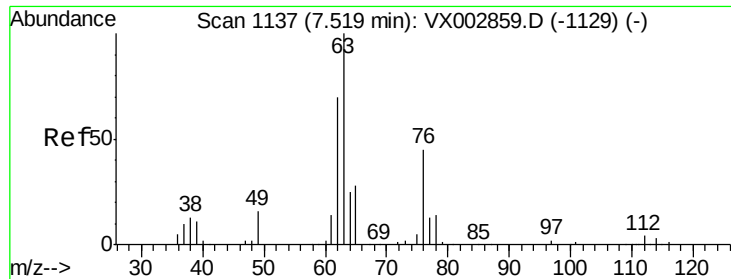
Tgt Ion: 43 Resp: 34586
Ion Ratio Lower Upper
43 100
61 19.0 14.4 21.6
87 12.6 9.5 14.3



#44
Trichloroethene
Concen: 5.059 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 130 Resp: 17039
Ion Ratio Lower Upper
130 100
95 92.9 0.0 185.4

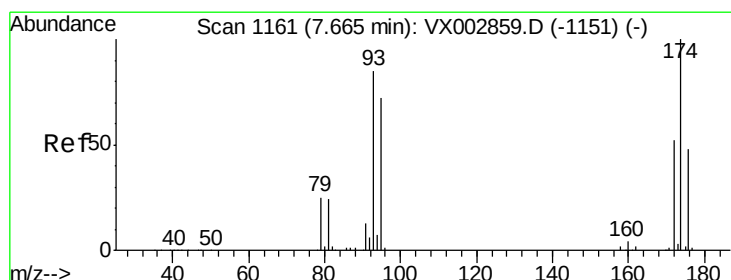
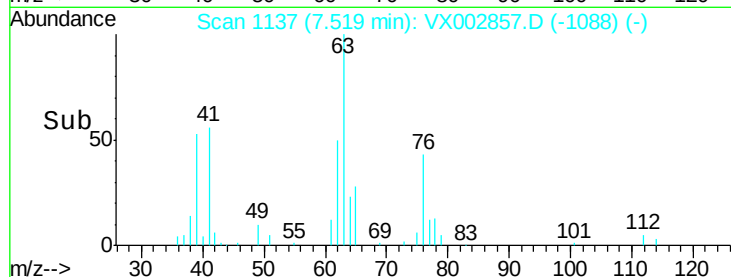
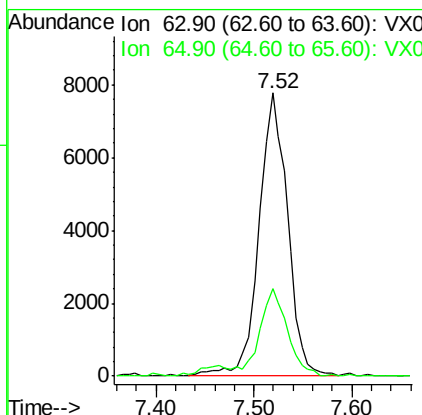
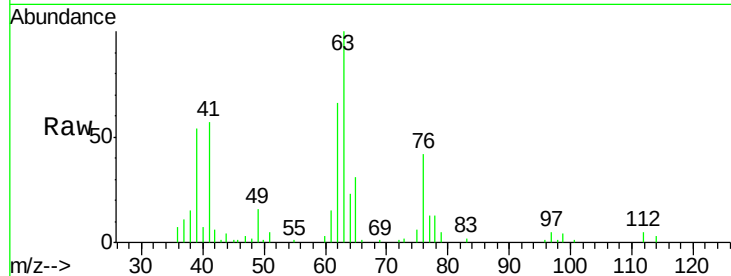




#45
1,2-Dichloropropane
Concen: 5.151 ug/l
RT: 7.52 min Scan# 1137
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

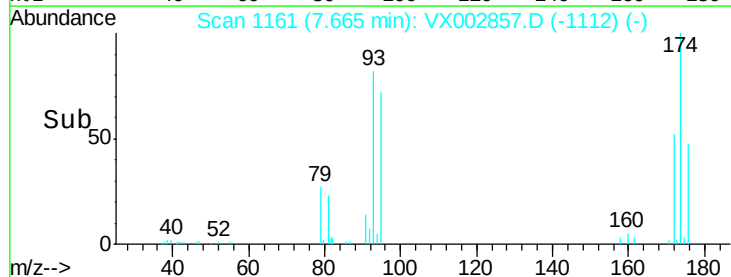
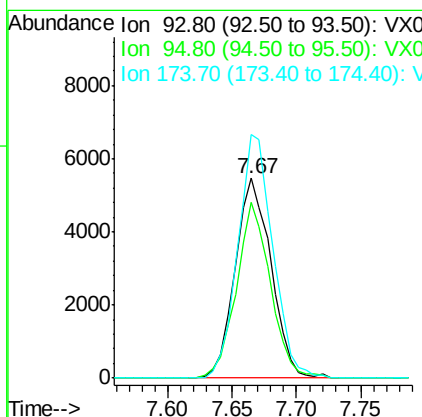
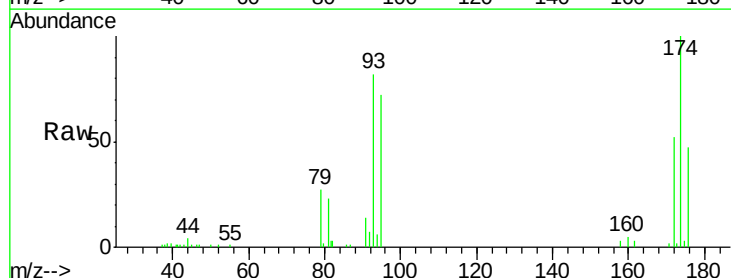
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

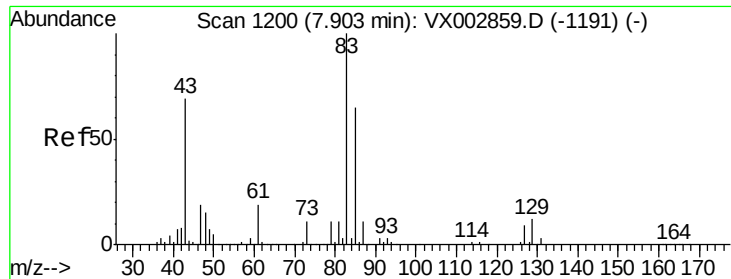
Tgt Ion: 63 Resp: 15819
Ion Ratio Lower Upper
63 100
65 30.8 24.7 37.1



#46
Dibromomethane
Concen: 5.137 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 93 Resp: 10553
Ion Ratio Lower Upper
93 100
95 83.4 65.9 98.9
174 118.5 92.4 138.6





#47

Bromodichloromethane

Concen: 5.035 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

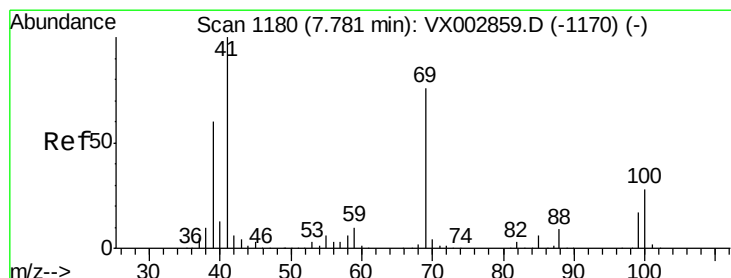
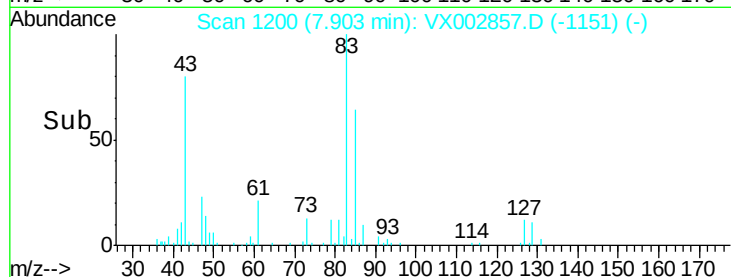
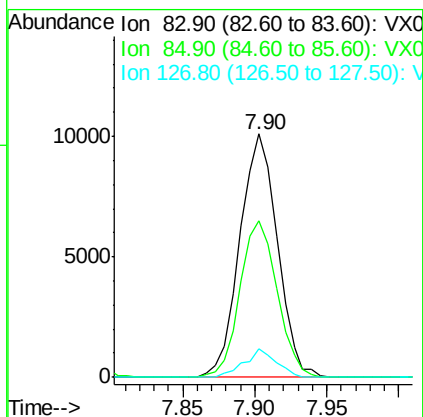
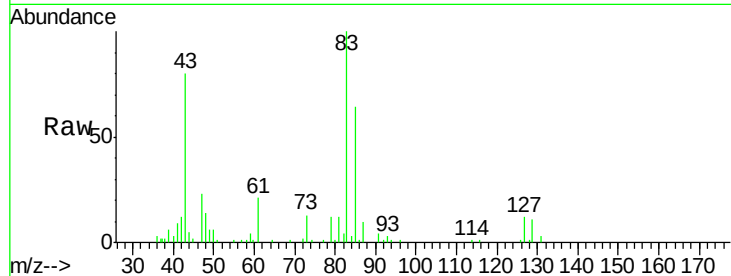
Tgt Ion: 83 Resp: 18243

Ion Ratio Lower Upper

83 100

85 64.3 50.3 75.5

127 11.8 7.0 10.4#



#48

Methyl methacrylate

Concen: 4.659 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

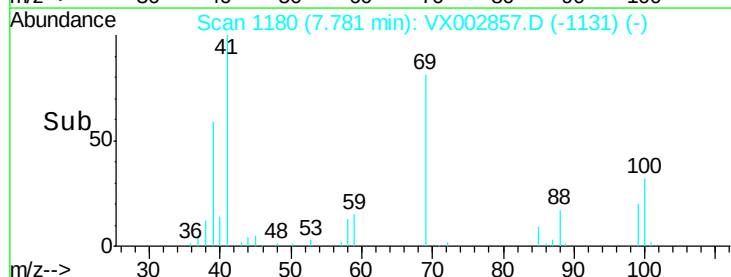
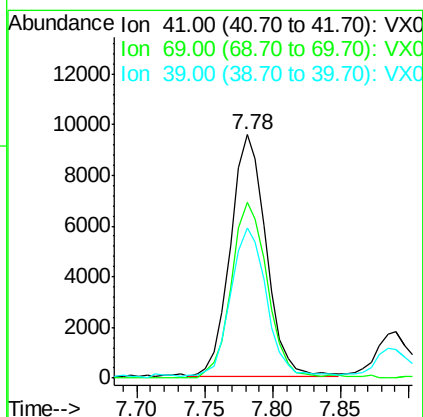
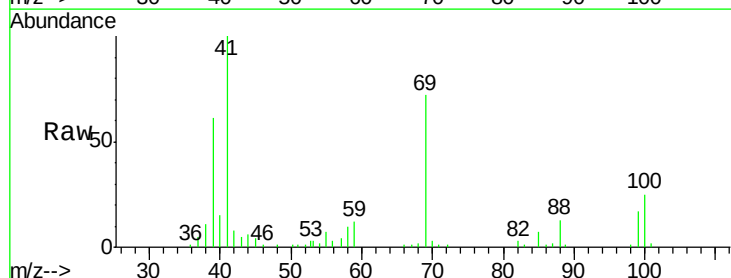
Tgt Ion: 41 Resp: 17375

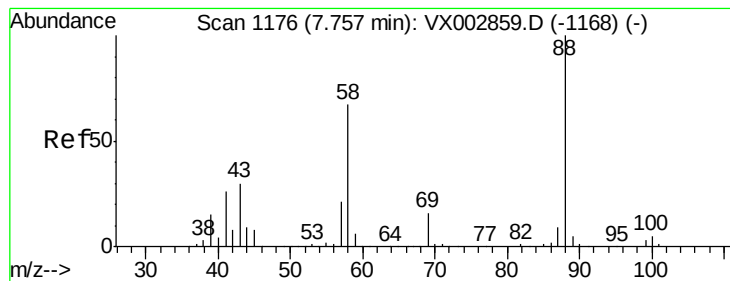
Ion Ratio Lower Upper

41 100

69 73.5 59.1 88.7

39 62.6 48.9 73.3





#49

1,4-Dioxane

Concen: 101.830 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

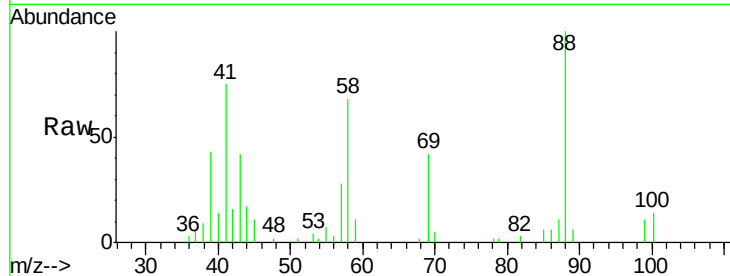
Tgt Ion: 88 Resp: 7191

Ion Ratio Lower Upper

88 100

43 38.3 29.8 44.6

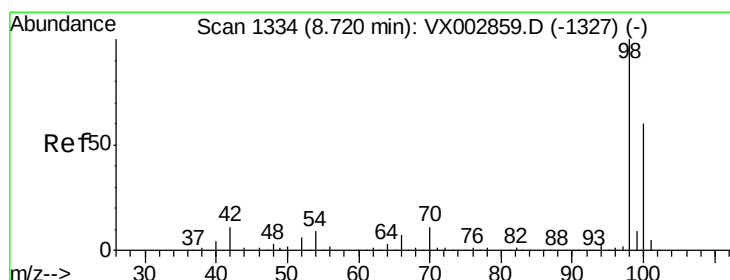
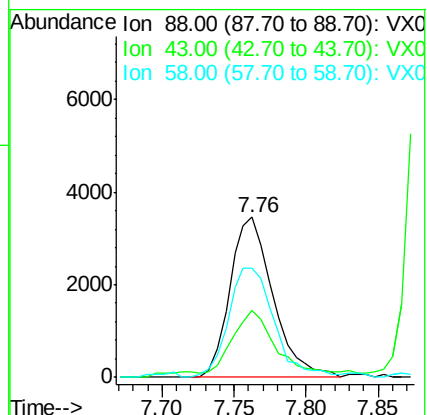
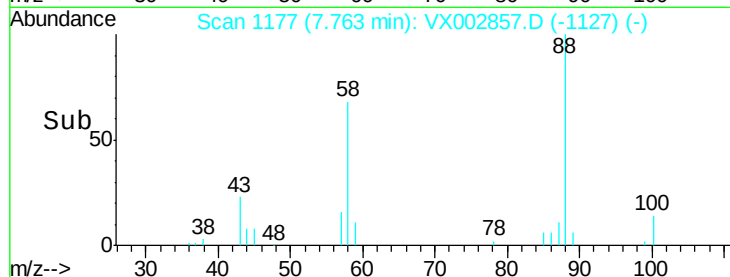
58 72.5 57.1 85.7



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: 4.896 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002857.D

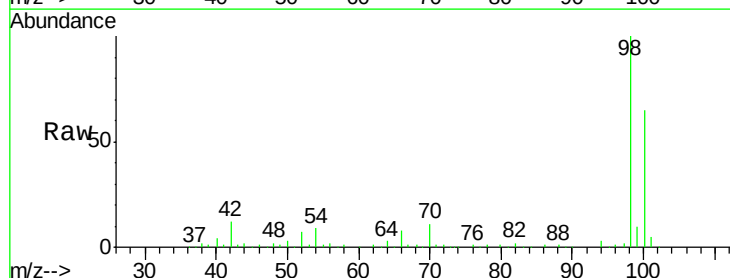
Acq: 25 Jun 2018 11:21

Tgt Ion: 98 Resp: 54364

Ion Ratio Lower Upper

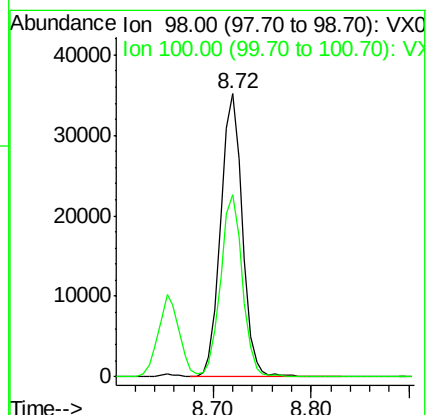
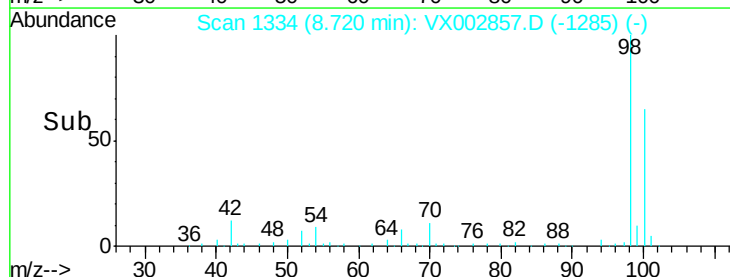
98 100

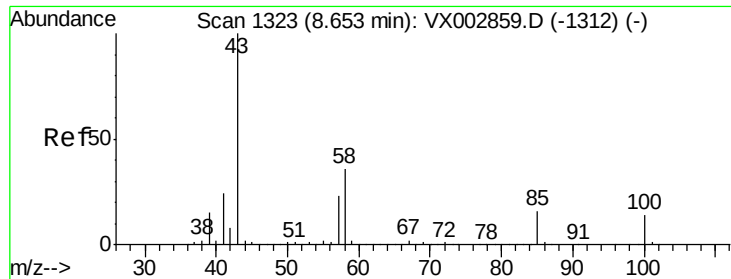
100 64.6 50.9 76.3



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: 23.658 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

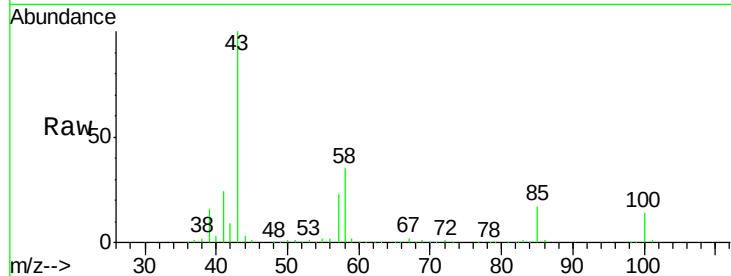
VSTDIC005

Tgt Ion: 43 Resp: 110844

Ion Ratio Lower Upper

43 100

58 35.3 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

80000

60000

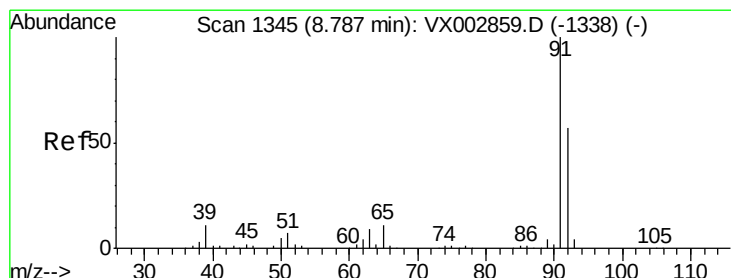
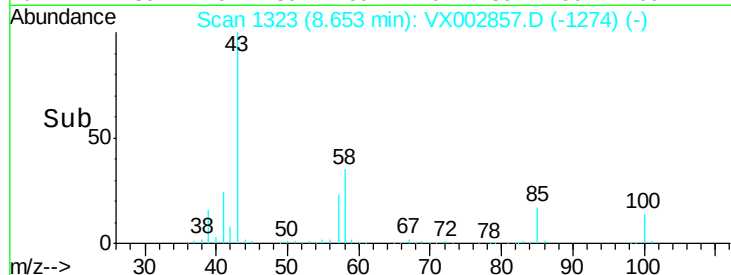
40000

20000

0

Time-->

8.60 8.70



#52

Toluene

Concen: 4.844 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002857.D

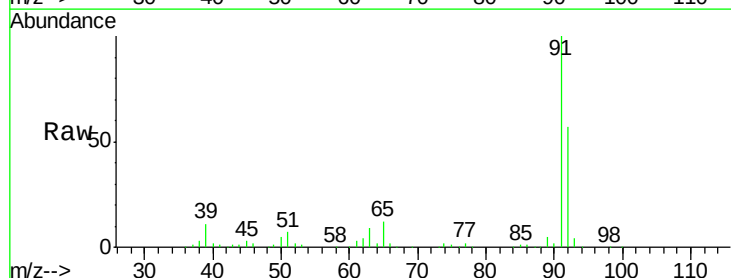
Acq: 25 Jun 2018 11:21

Tgt Ion: 92 Resp: 36052

Ion Ratio Lower Upper

92 100

91 177.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

50000

40000

30000

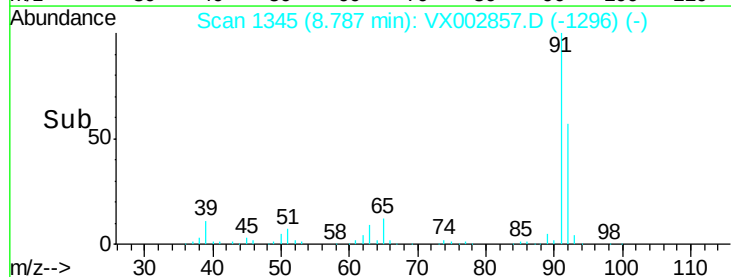
20000

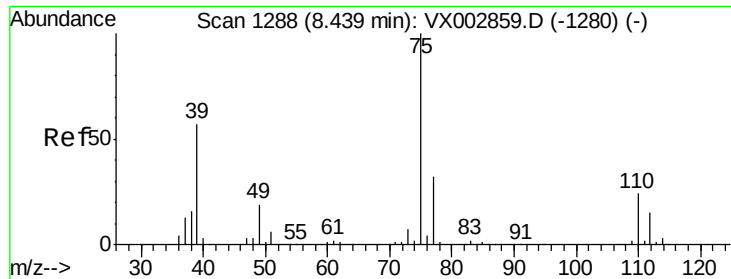
10000

0

Time-->

8.70 8.75 8.80 8.85 8.90





#53

t-1,3-Dichloropropene

Concen: 4.756 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

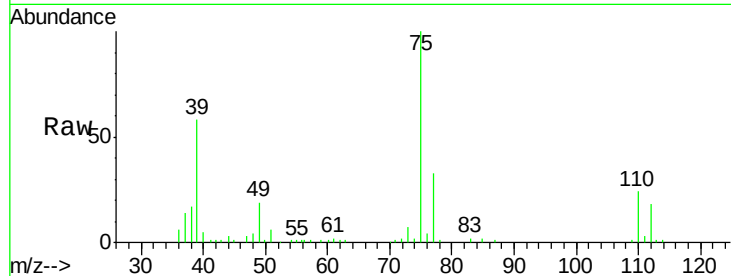
VSTDIC005

Tgt Ion: 75 Resp: 20274

Ion Ratio Lower Upper

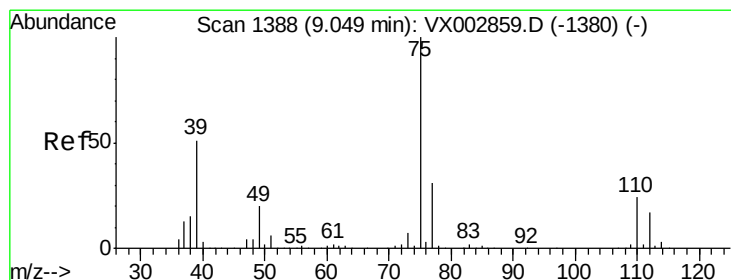
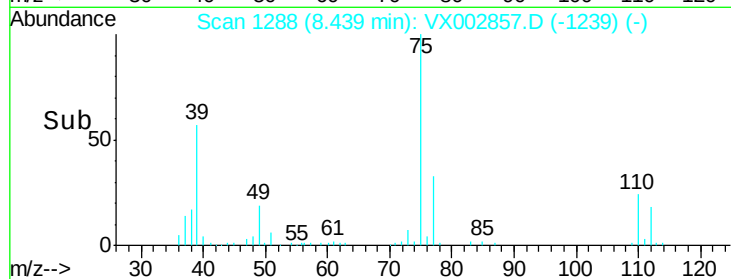
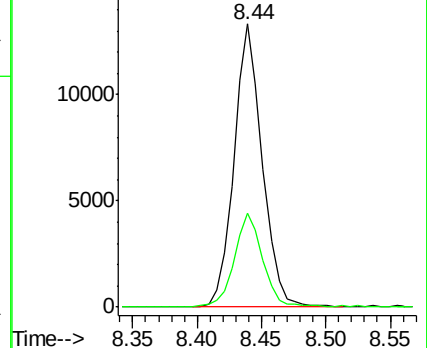
75 100

77 33.3 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.744 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

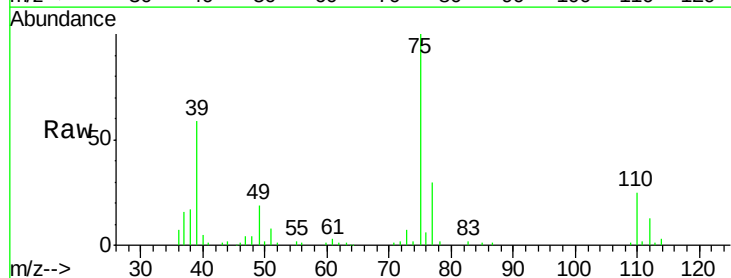
Tgt Ion: 75 Resp: 18733

Ion Ratio Lower Upper

75 100

77 29.9 24.8 37.2

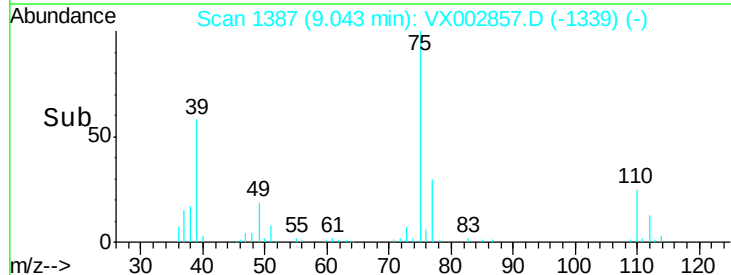
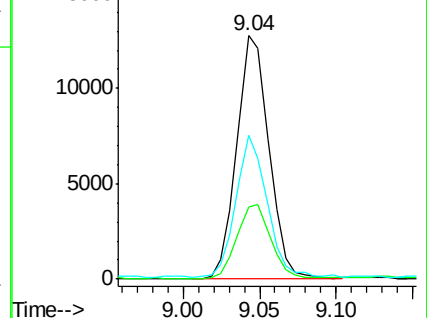
39 58.1 42.4 63.6

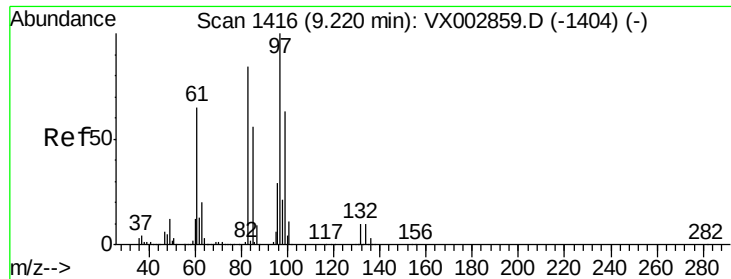


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 4.948 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 14881

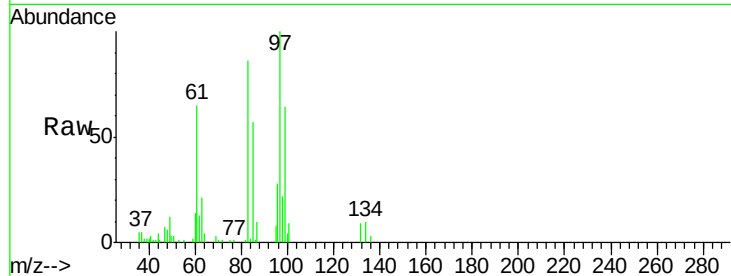
Ion Ratio Lower Upper

97 100

83 86.1 70.2 105.2

85 56.9 44.9 67.3

99 63.4 49.8 74.8

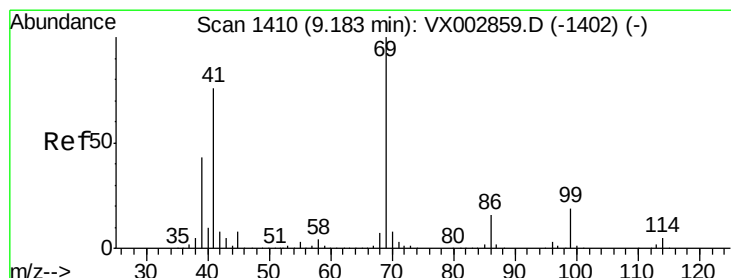
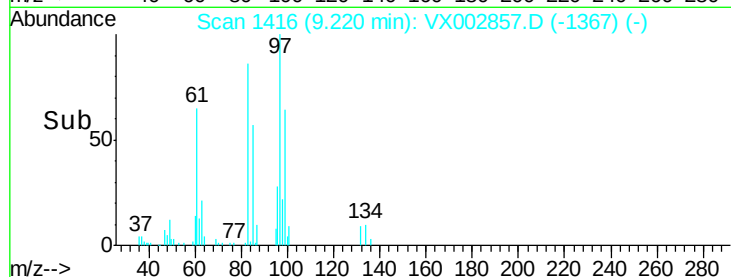
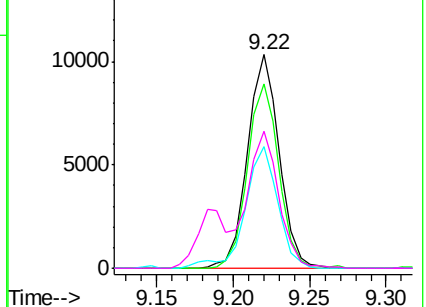


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 4.589 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

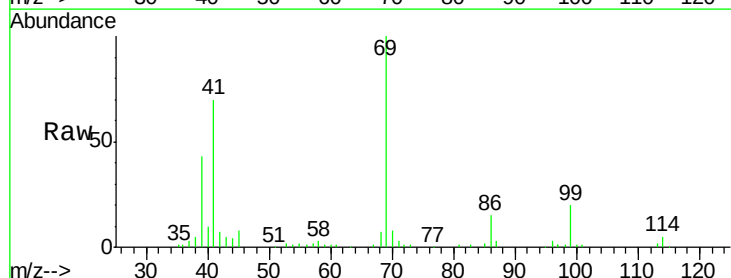
Tgt Ion: 69 Resp: 21240

Ion Ratio Lower Upper

69 100

41 73.1 60.3 90.5

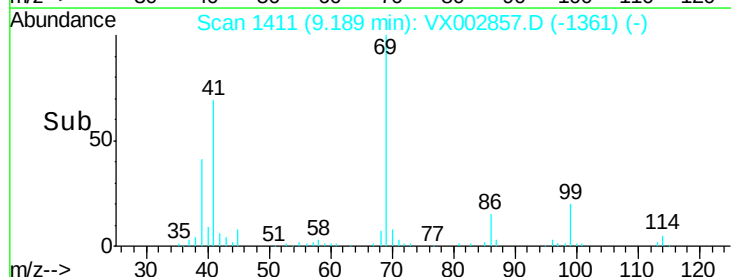
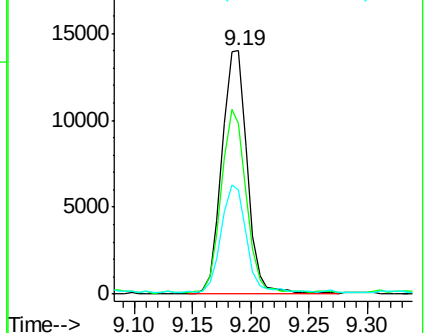
39 43.7 35.8 53.8

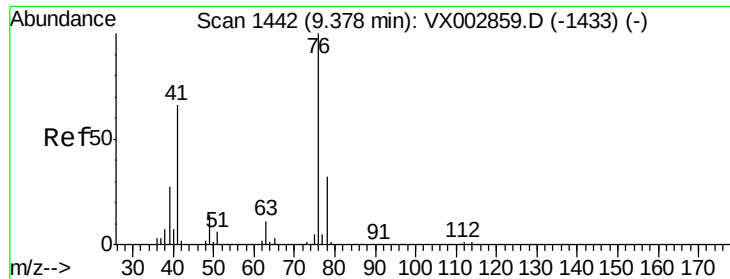


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

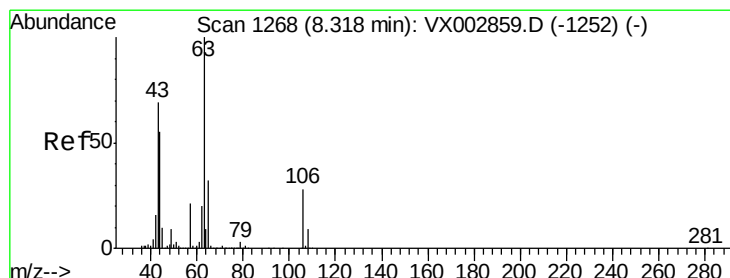
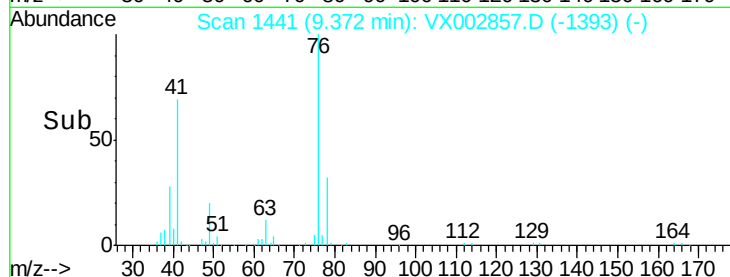
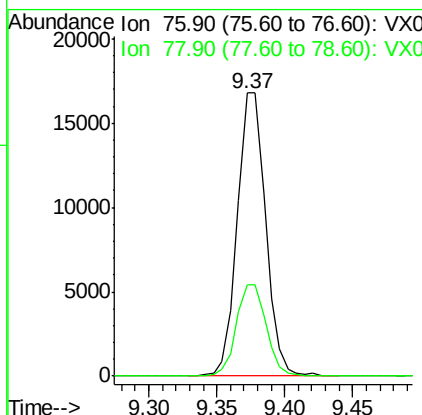
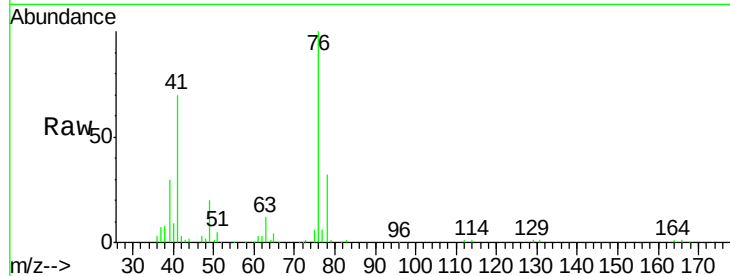




#57
 1,3-Dichloropropane
 Concen: 4.815 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

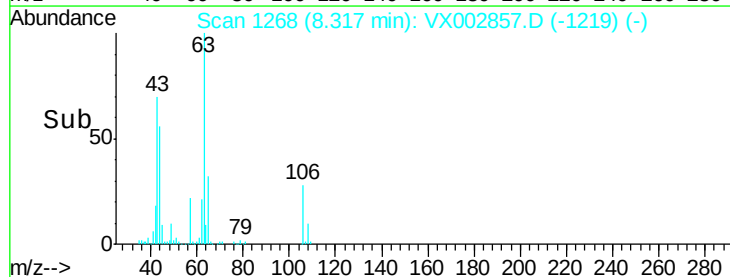
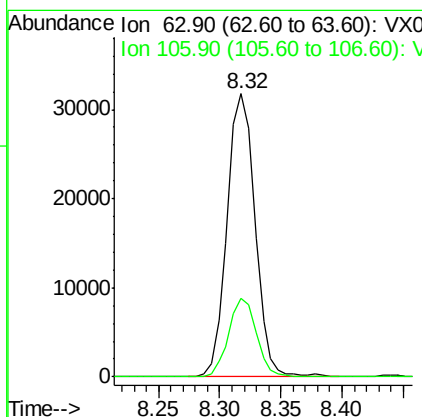
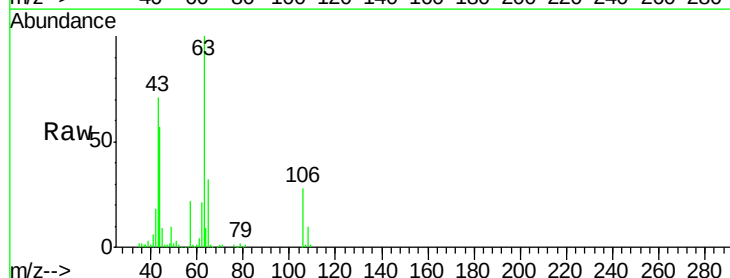
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

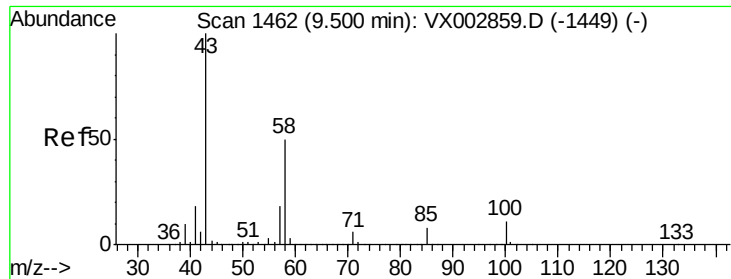
Tgt Ion: 76 Resp: 24490
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.465 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion: 63 Resp: 50289
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.8

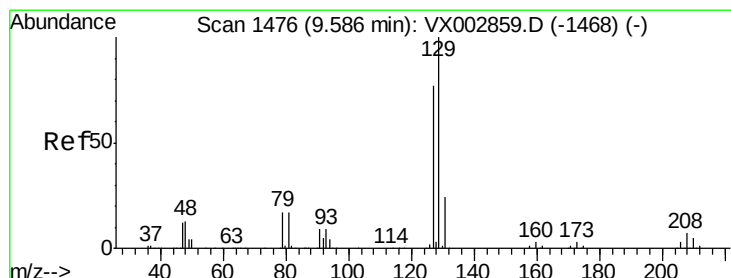
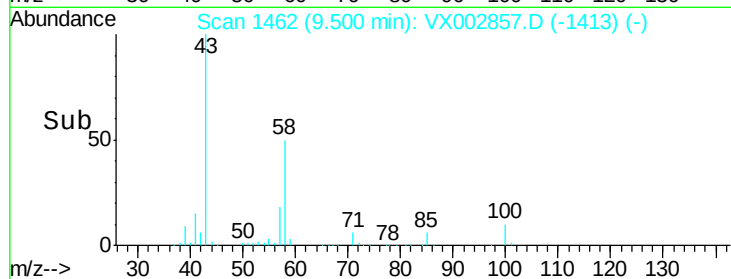
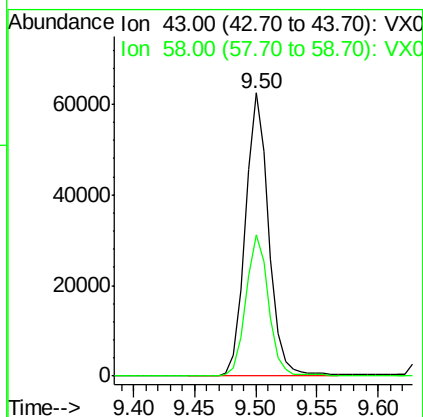
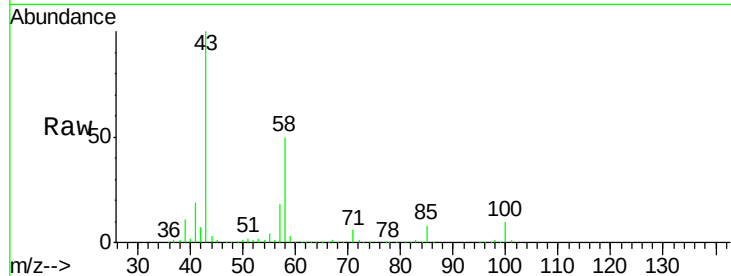




#59
2-Hexanone
Concen: 23.313 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

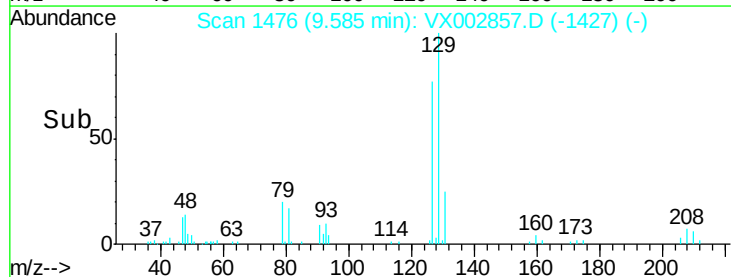
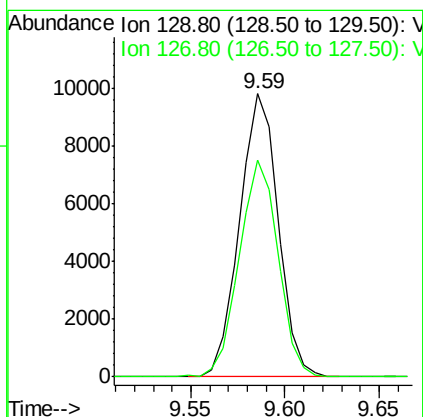
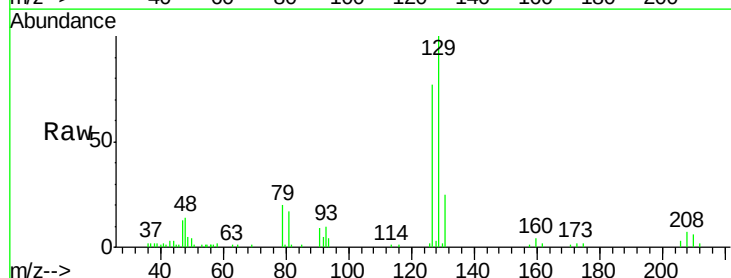
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

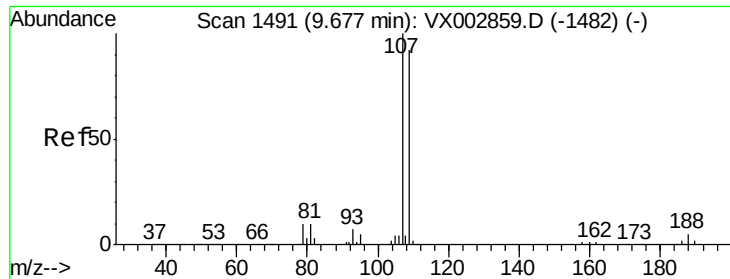
Tgt Ion: 43 Resp: 82307
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.6



#60
Dibromochloromethane
Concen: 4.793 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 129 Resp: 13915
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 4.879 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

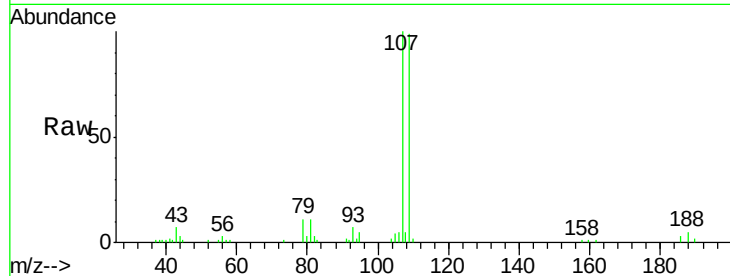
VSTDIC005

Tgt Ion: 107 Resp: 15197

Ion Ratio Lower Upper

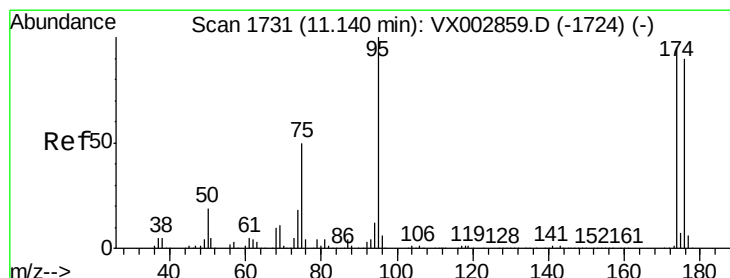
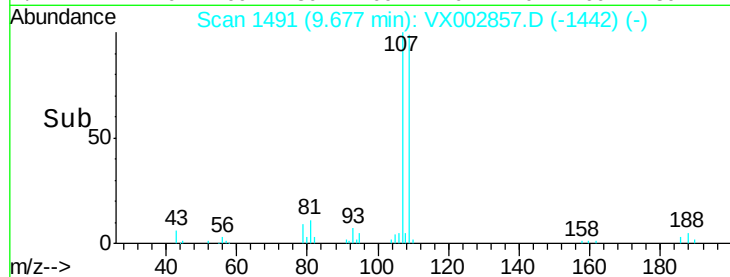
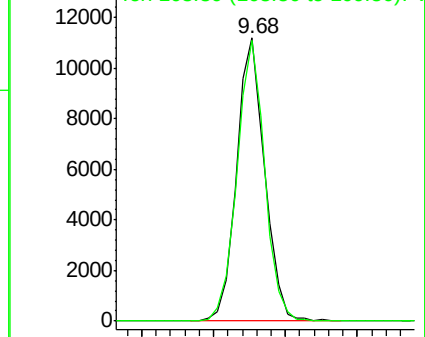
107 100

109 97.8 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: 4.672 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

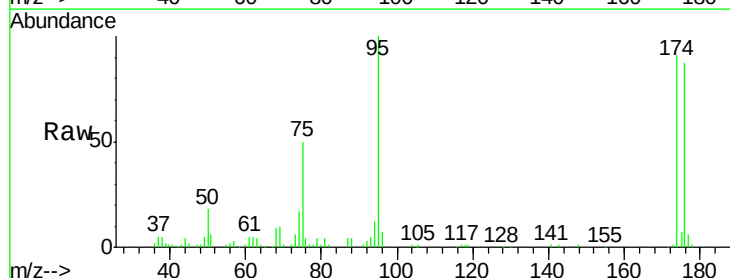
Tgt Ion: 95 Resp: 19656

Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

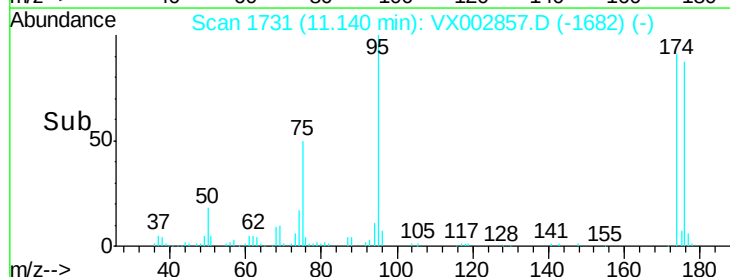
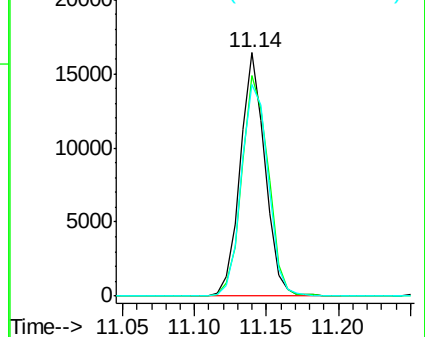
176 93.9 0.0 181.0

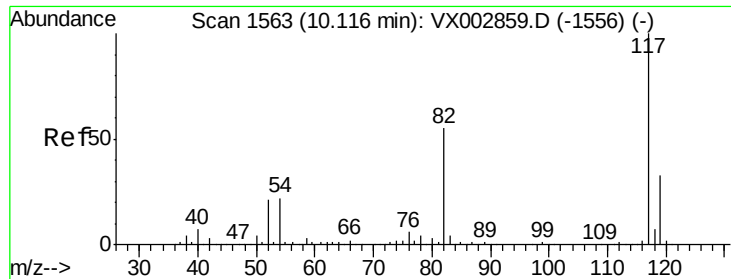


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

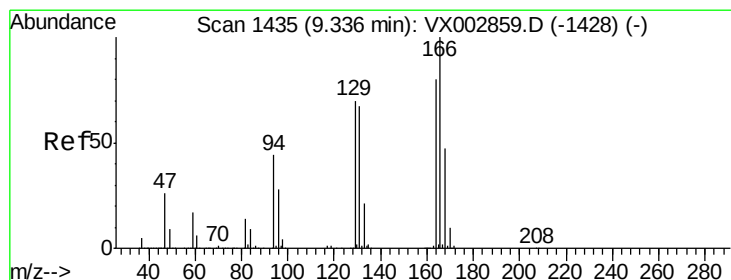
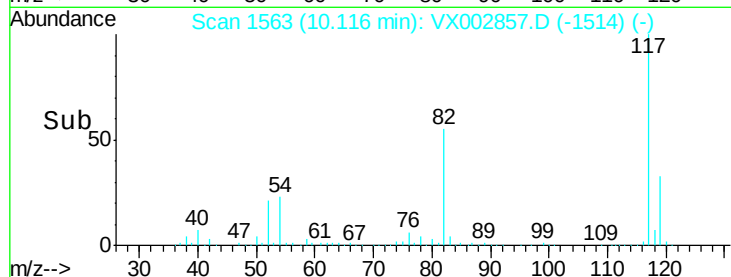
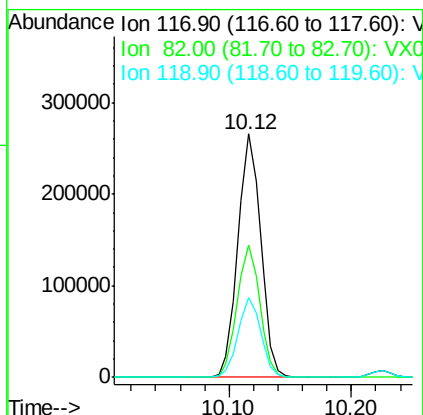
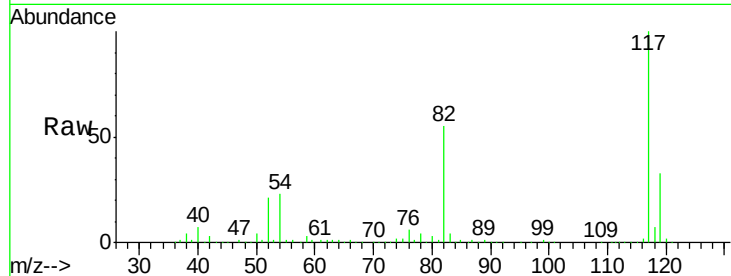




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

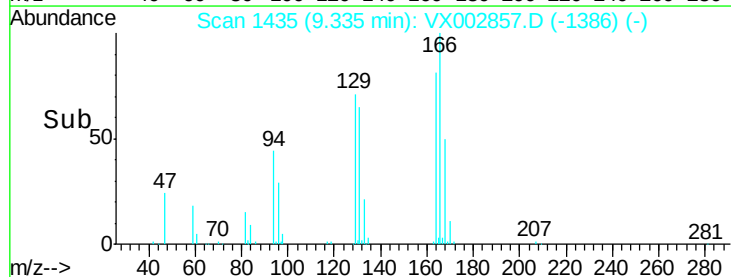
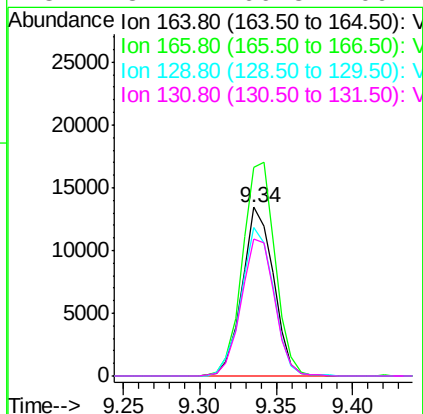
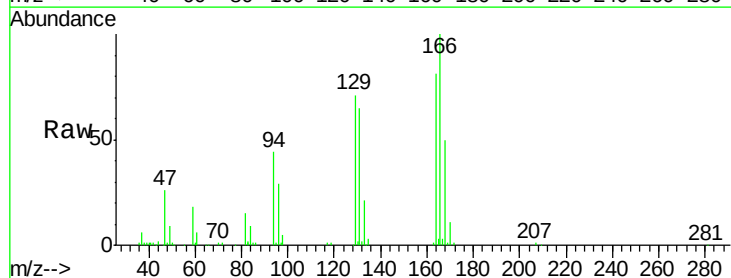
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

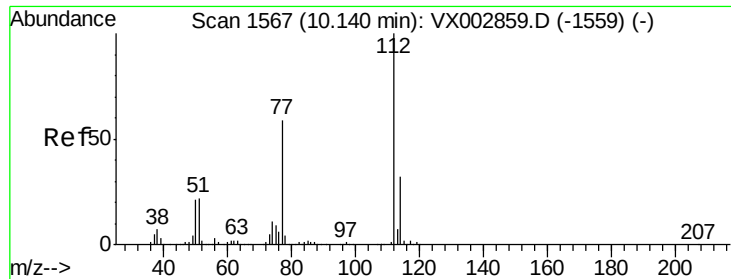
Tgt Ion:117 Resp: 344077
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.9 25.8 38.6



#64
Tetrachloroethene
Concen: 5.012 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion:164 Resp: 19142
Ion Ratio Lower Upper
164 100
166 124.2 102.9 154.3
129 88.4 68.6 102.8
131 81.2 66.8 100.2





#65

Chlorobenzene

Concen: 5.129 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

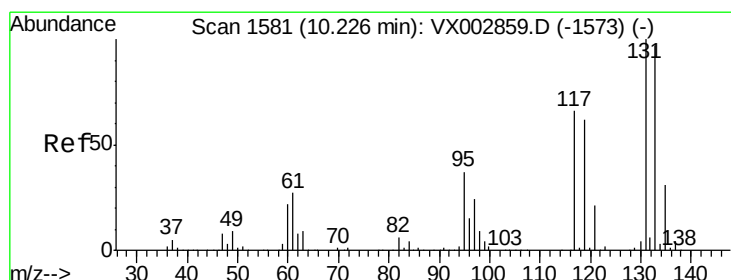
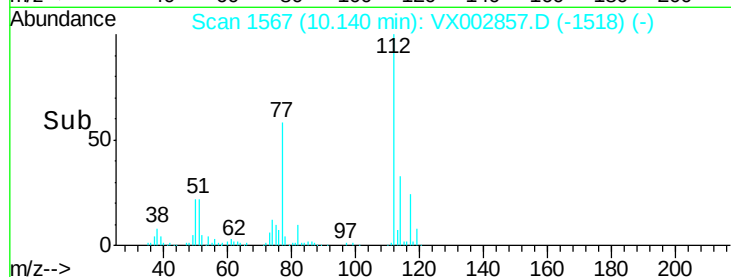
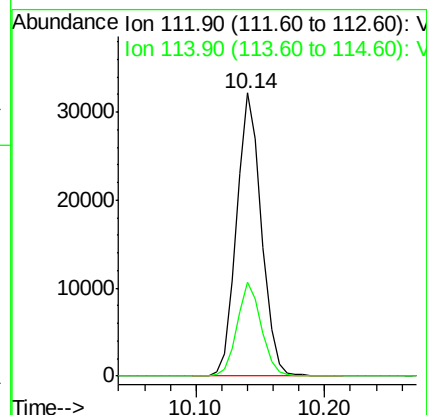
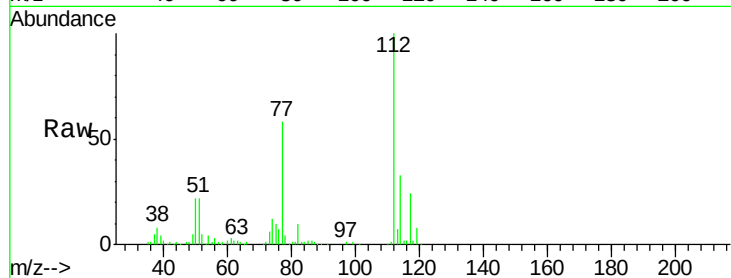
VSTDIC005

Tgt Ion:112 Resp: 43338

Ion Ratio Lower Upper

112 100

114 33.0 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 5.192 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

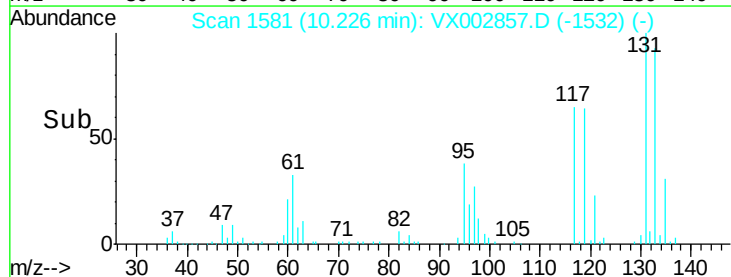
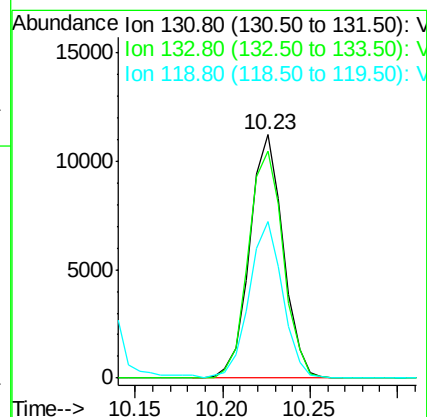
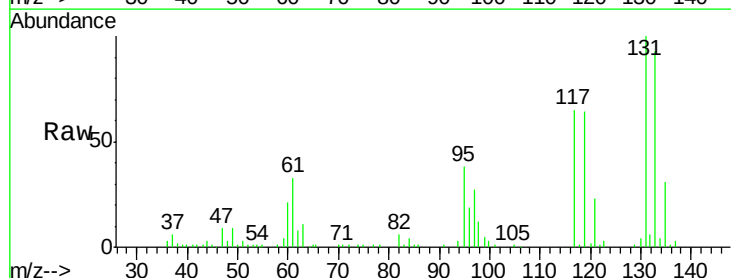
Tgt Ion:131 Resp: 14956

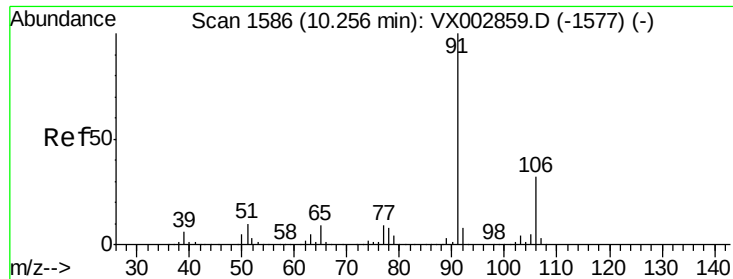
Ion Ratio Lower Upper

131 100

133 96.8 47.9 143.6

119 64.1 31.8 95.3

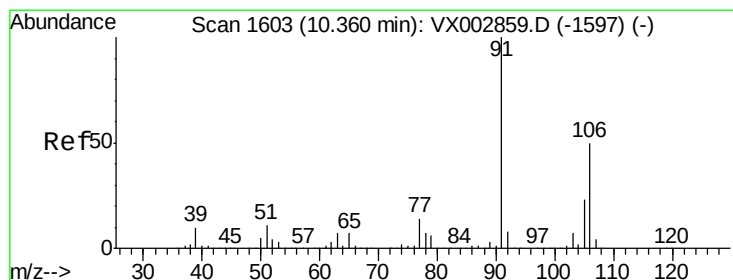
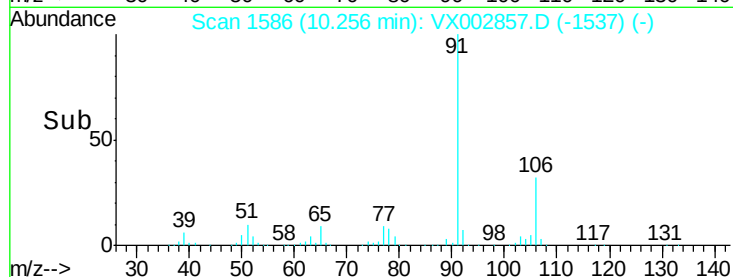
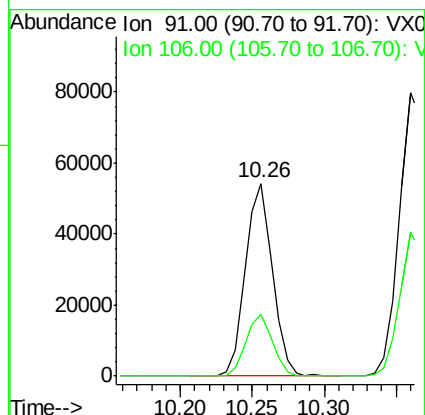
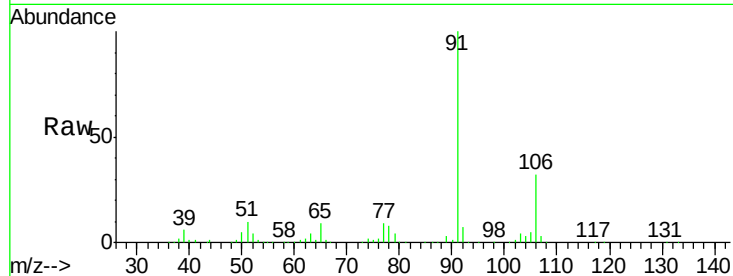




#67
Ethyl Benzene
Concen: 4.924 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

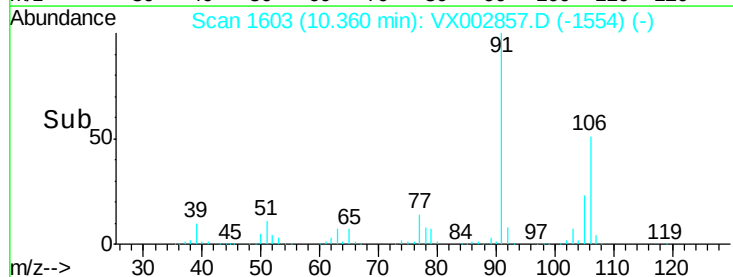
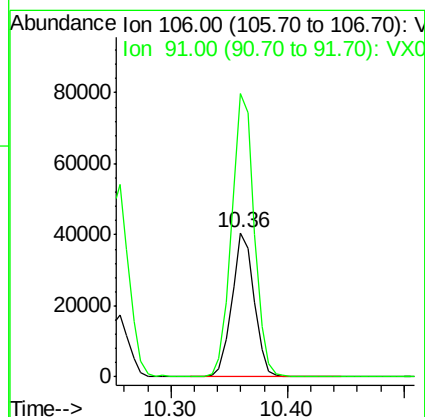
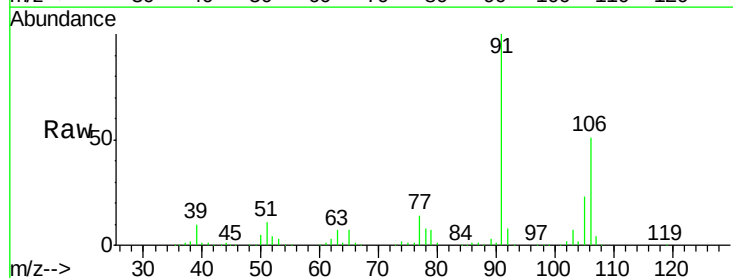
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

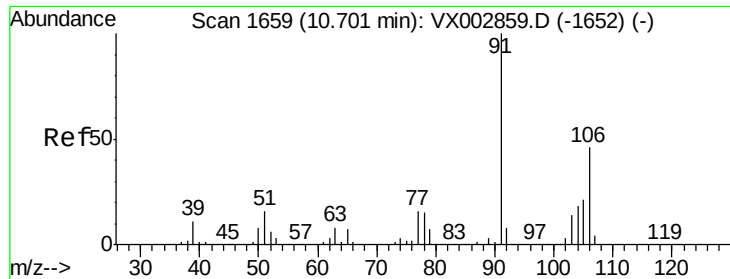
Tgt Ion: 91 Resp: 70173
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 9.803 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 106 Resp: 53895
Ion Ratio Lower Upper
106 100
91 199.8 163.4 245.2

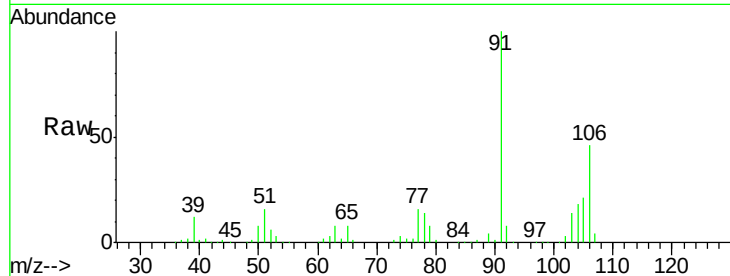




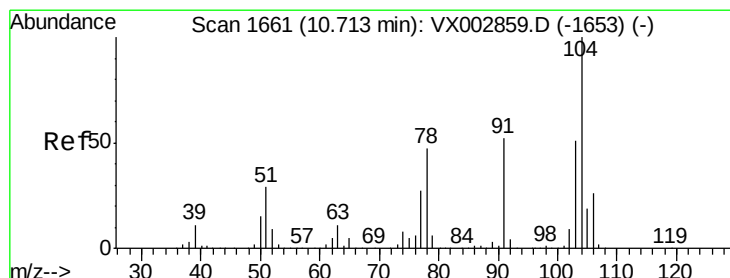
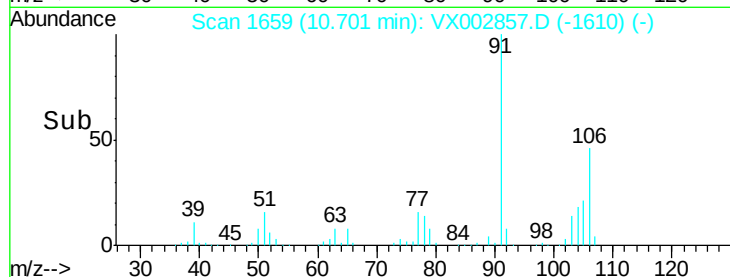
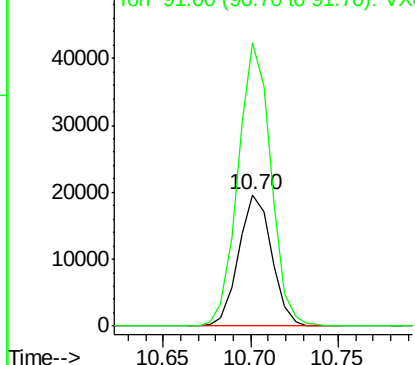
#69
o-Xylene
Concen: 4.800 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 25926
Ion Ratio Lower Upper
106 100
91 214.2 108.2 324.6

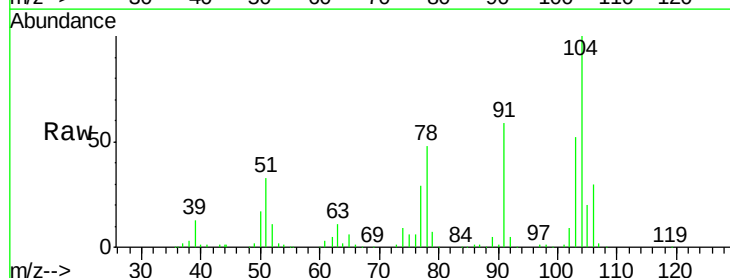


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

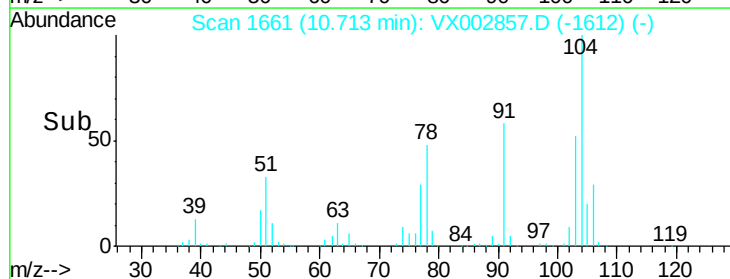
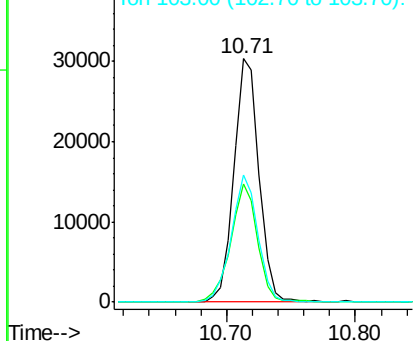


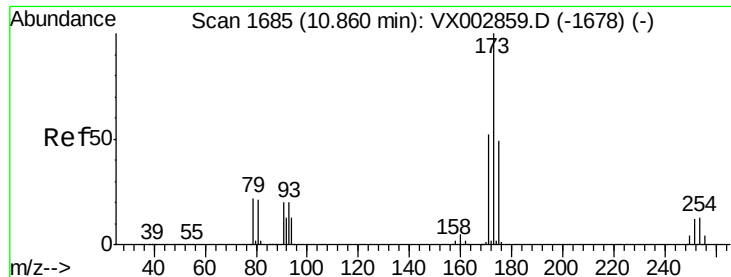
#70
Styrene
Concen: 4.638 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion:104 Resp: 41202
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.6
103 55.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.770 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

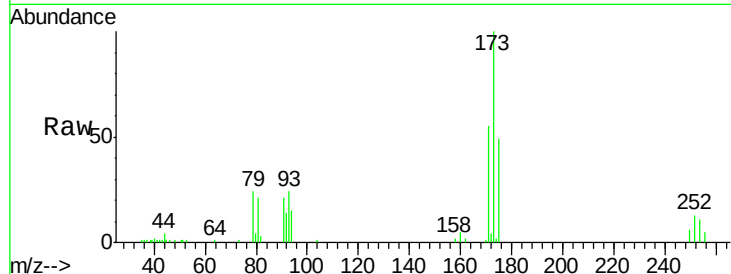
Tgt Ion:173 Resp: 10328

Ion Ratio Lower Upper

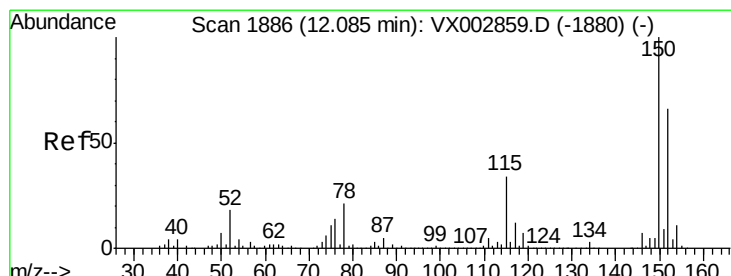
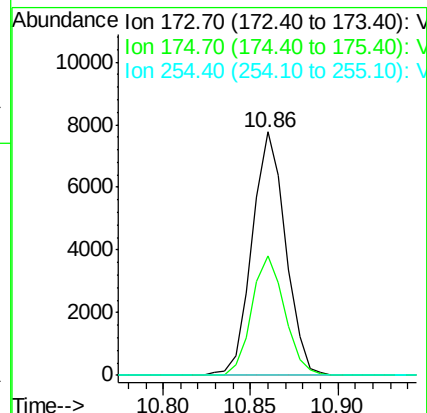
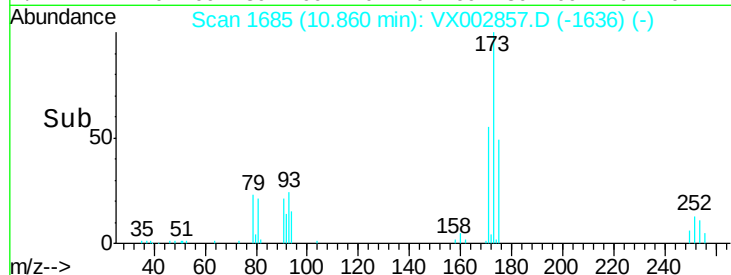
173 100

175 48.3 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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

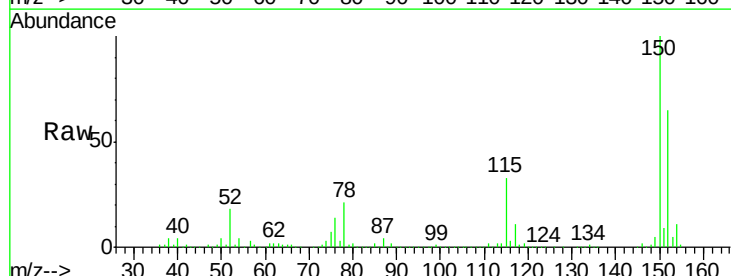
Tgt Ion:152 Resp: 207707

Ion Ratio Lower Upper

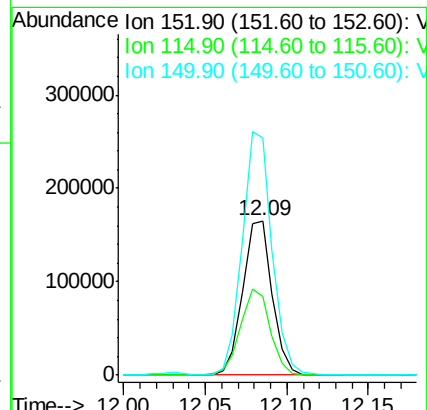
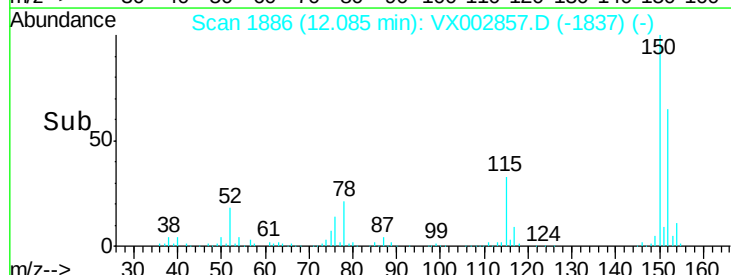
152 100

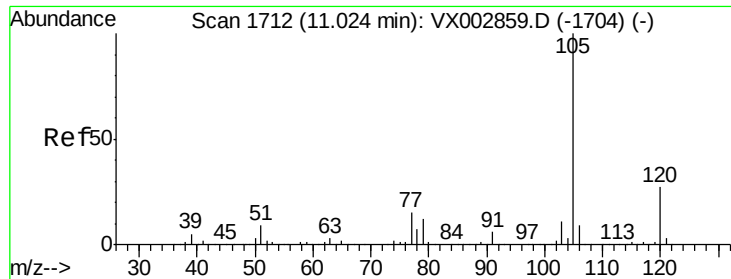
115 57.0 40.1 120.2

150 159.5 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: 4.963 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

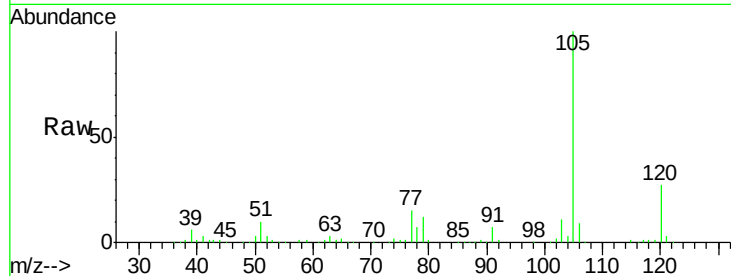
VSTDIC005

Tgt Ion: 105 Resp: 68950

Ion Ratio Lower Upper

105 100

120 26.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

60000

50000

40000

30000

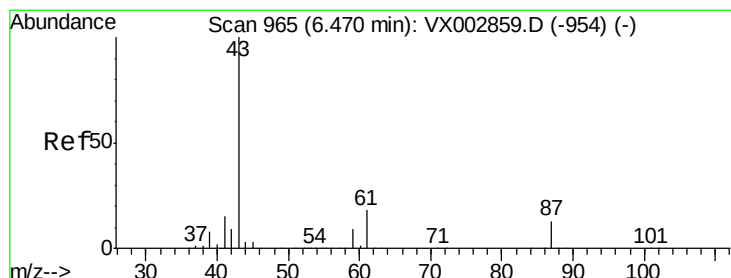
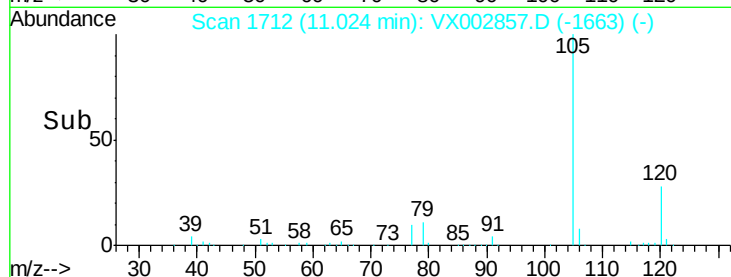
20000

10000

0

Time-->

11.00 11.10



#74

N-amyl acetate

Concen: 5.011 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Tgt Ion: 43 Resp: 34586

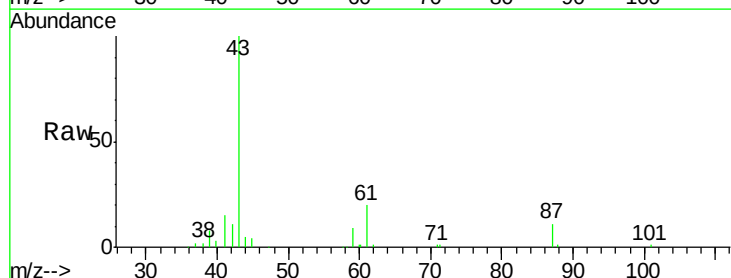
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.0 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

20000

15000

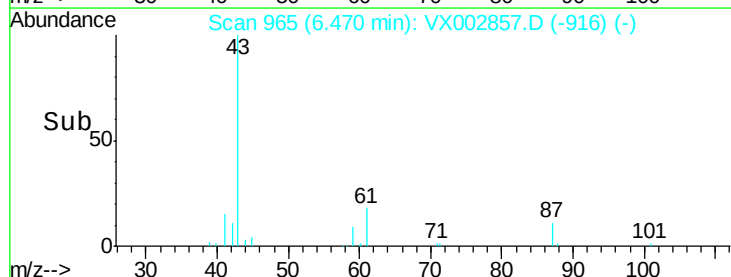
10000

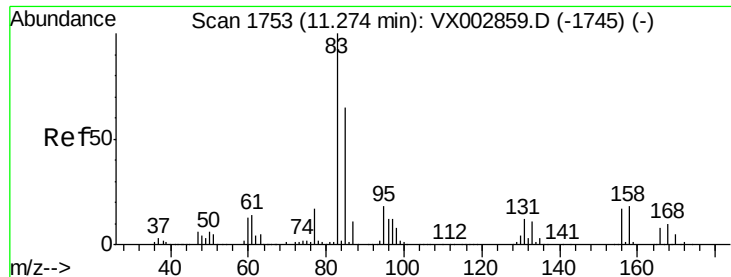
5000

0

Time-->

6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 5.462 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

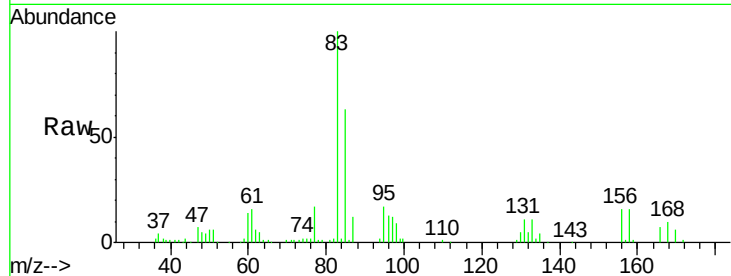
Tgt Ion: 83 Resp: 22407

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

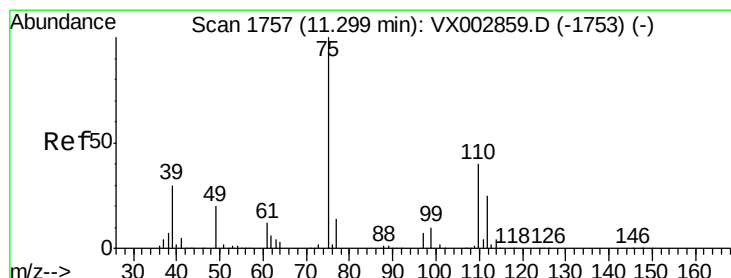
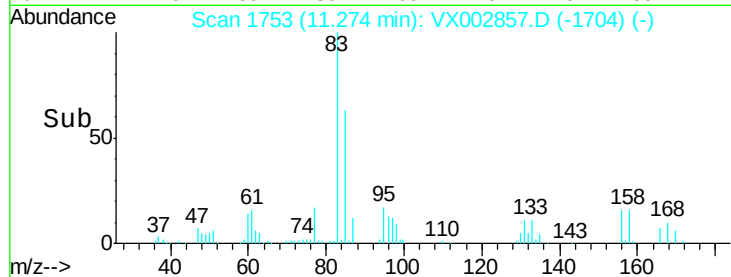
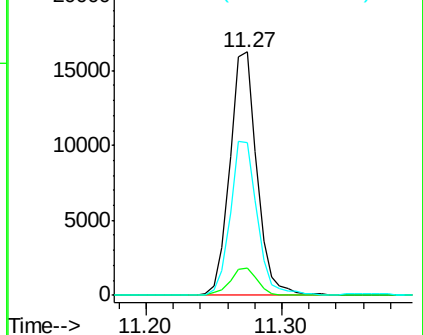
85 63.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 6.090 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002857.D

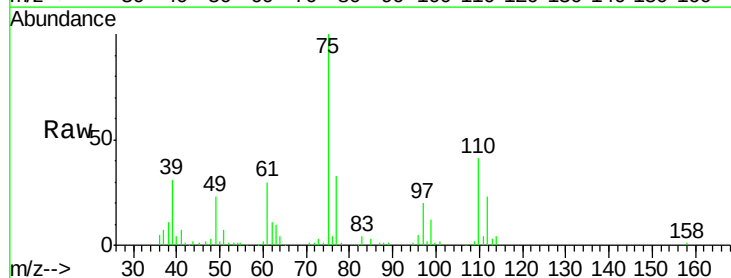
Acq: 25 Jun 2018 11:21

Tgt Ion: 75 Resp: 23870

Ion Ratio Lower Upper

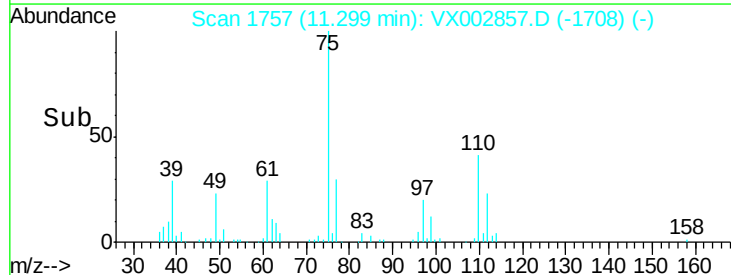
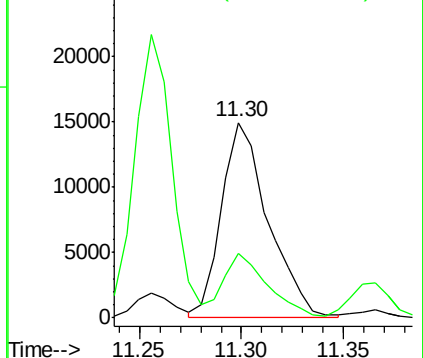
75 100

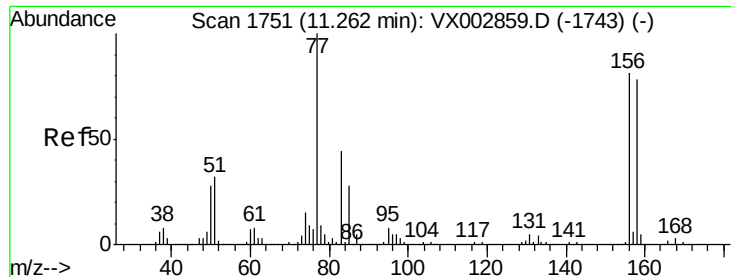
77 31.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.145 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

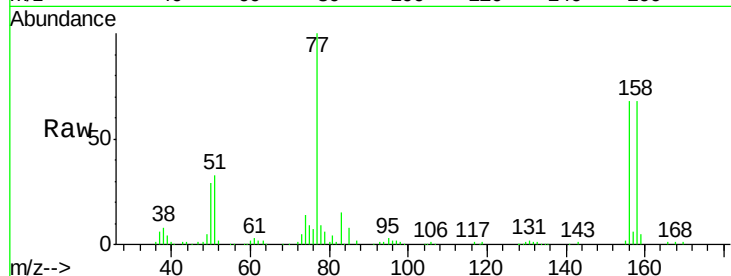
Tgt Ion:156 Resp: 19910

Ion Ratio Lower Upper

156 100

77 139.1 71.4 214.2

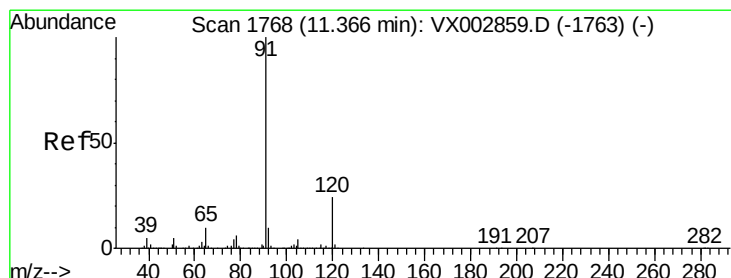
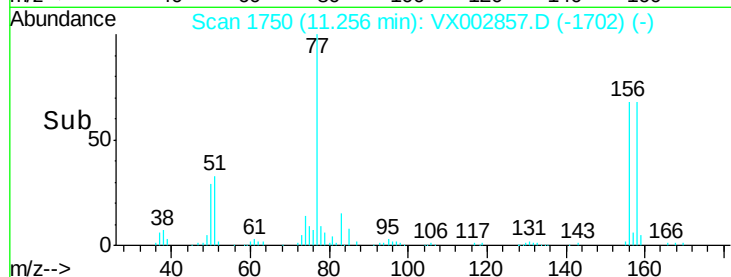
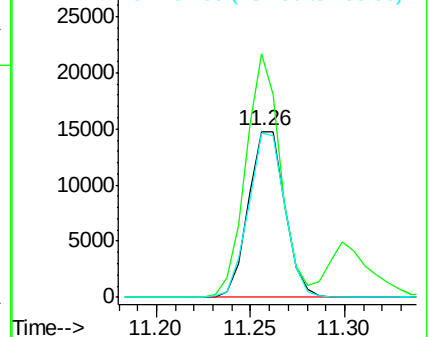
158 98.4 48.9 146.6



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: 4.880 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002857.D

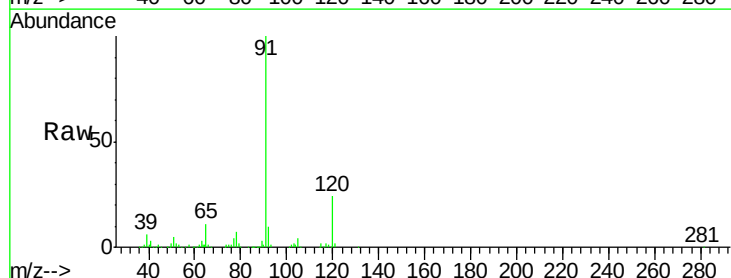
Acq: 25 Jun 2018 11:21

Tgt Ion: 91 Resp: 77752

Ion Ratio Lower Upper

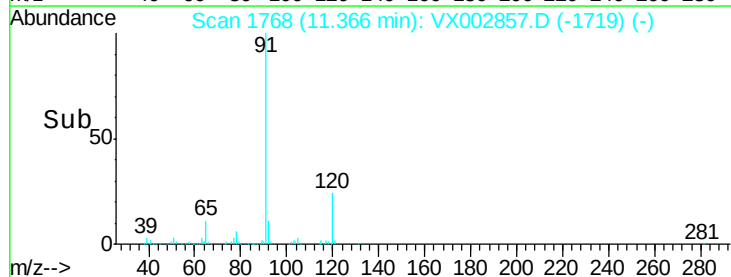
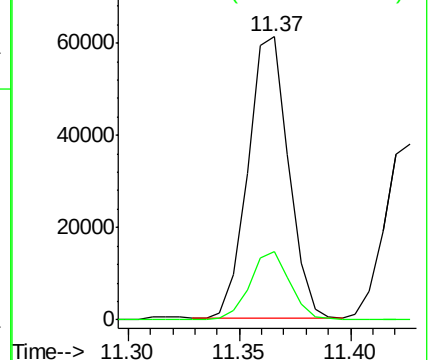
91 100

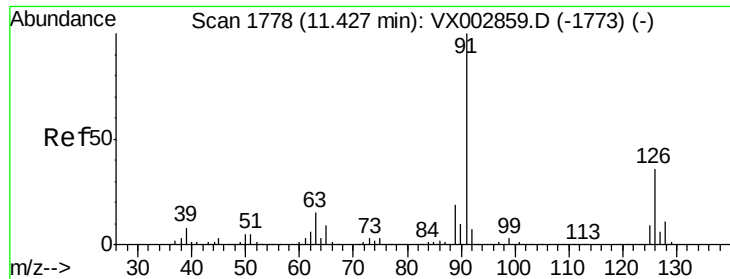
120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

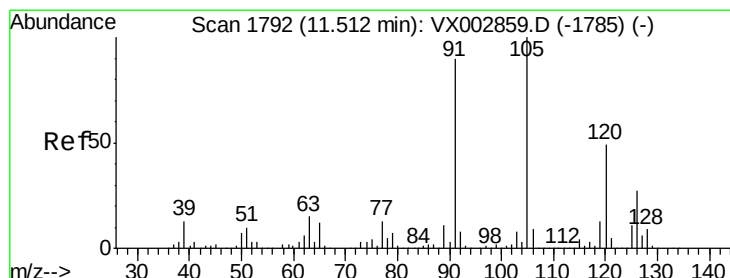
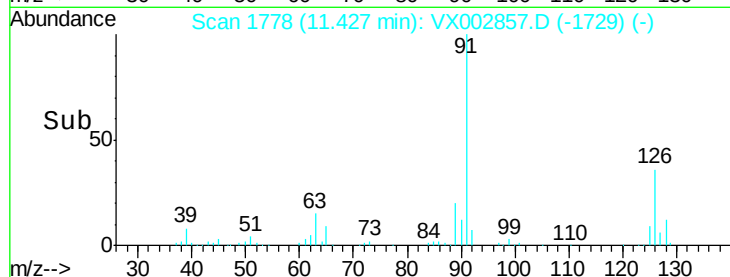
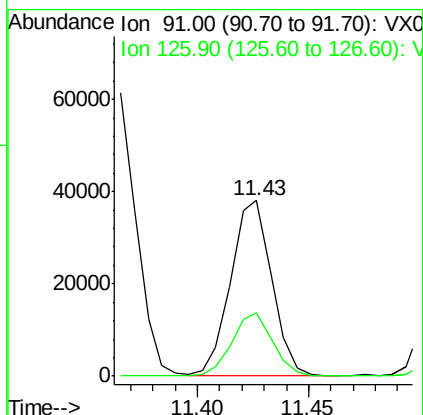
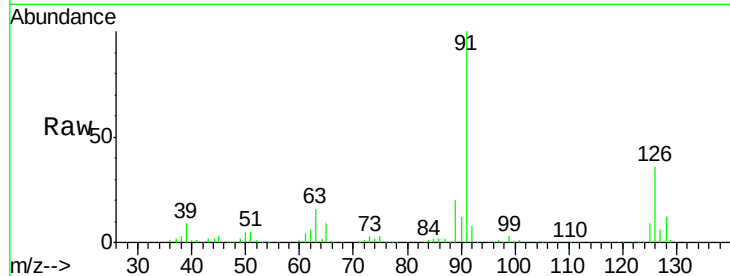




#79
 2-Chlorotoluene
 Concen: 5.107 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

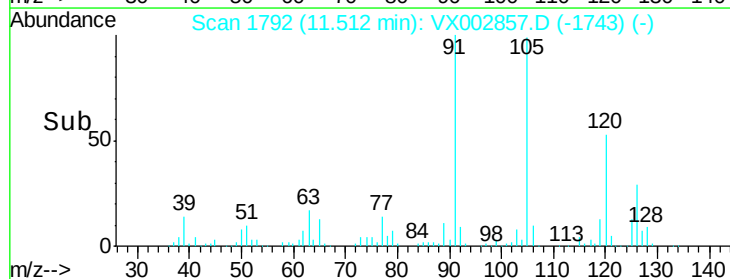
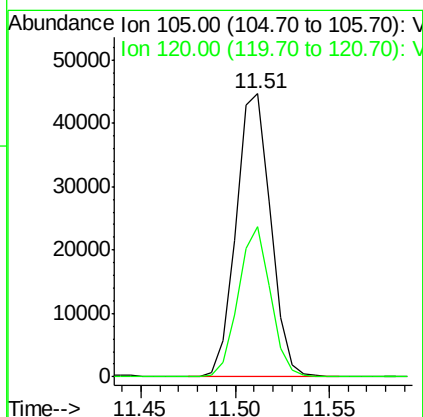
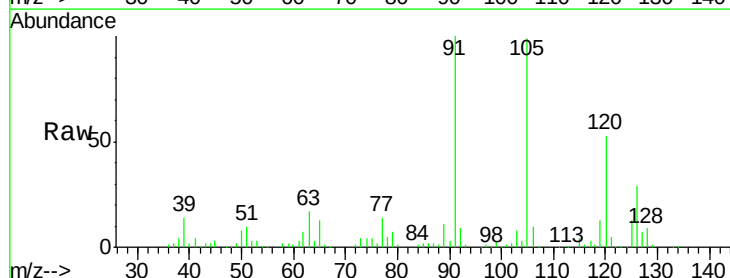
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

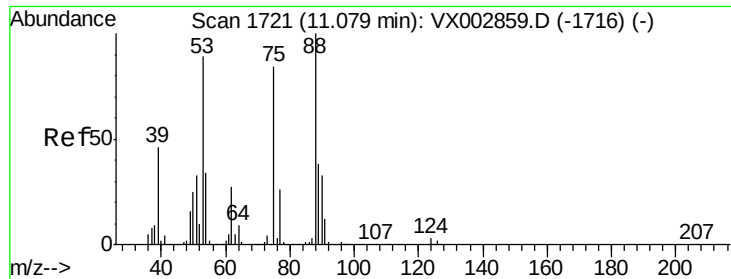
Tgt Ion: 91 Resp: 48582
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 4.844 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion: 105 Resp: 56873
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 4.491 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

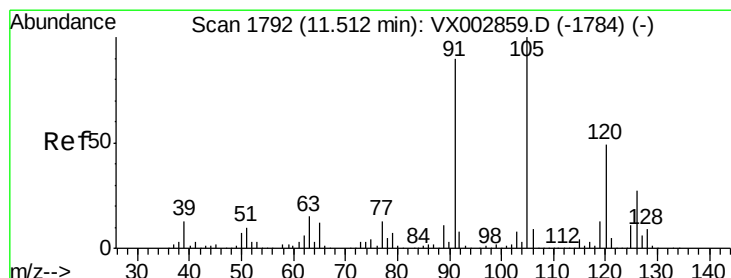
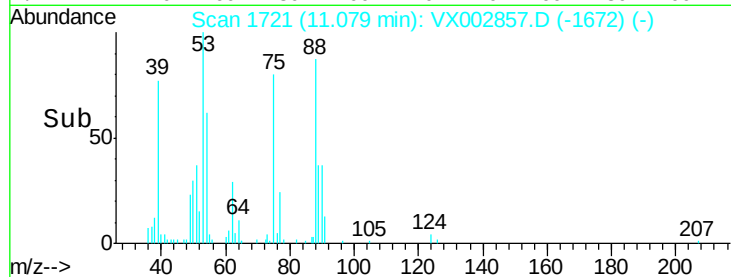
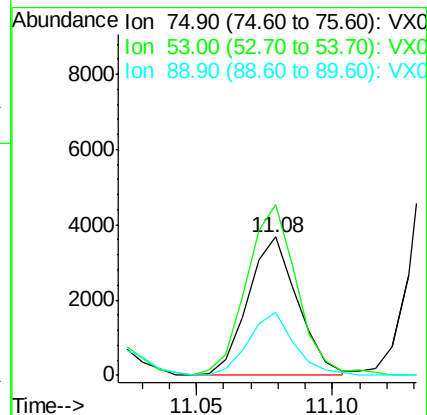
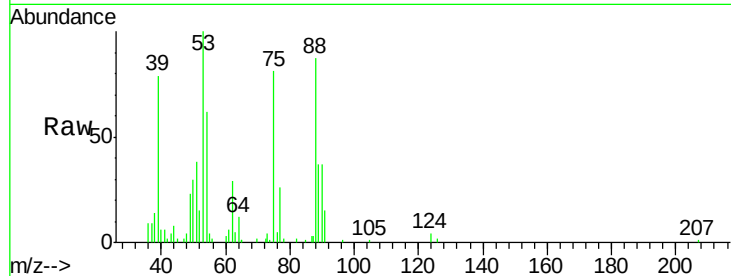
Tgt Ion: 75 Resp: 4653

Ion Ratio Lower Upper

75 100

53 124.7 86.8 130.2

89 42.3 38.2 57.2



#82

4-Chlorotoluene

Concen: 5.068 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002857.D

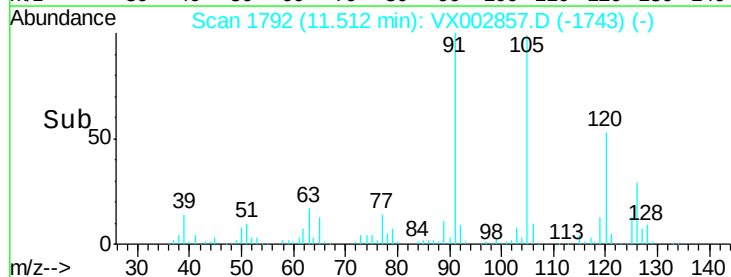
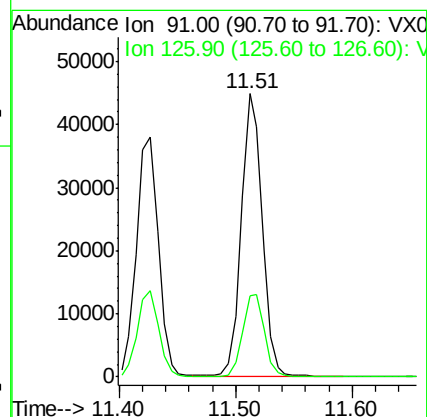
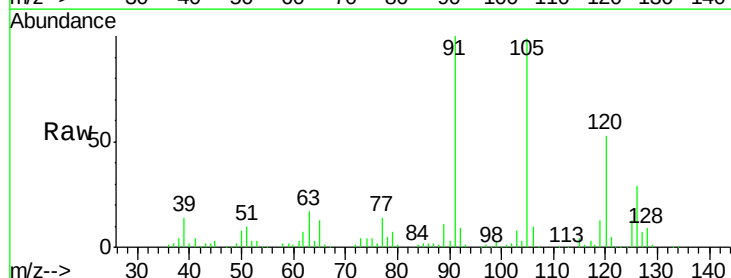
Acq: 25 Jun 2018 11:21

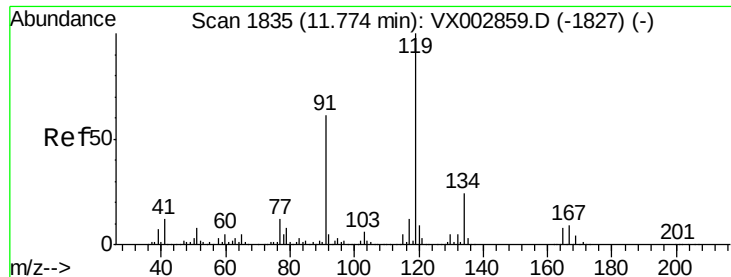
Tgt Ion: 91 Resp: 56879

Ion Ratio Lower Upper

91 100

126 30.0 15.4 46.4

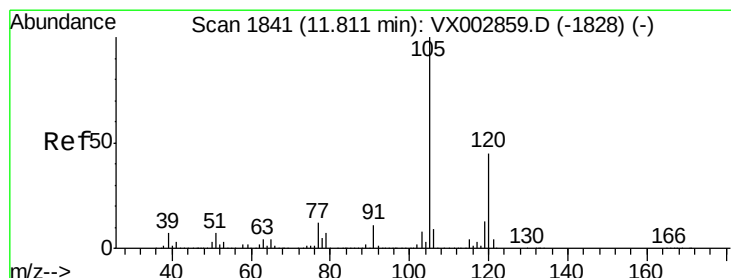
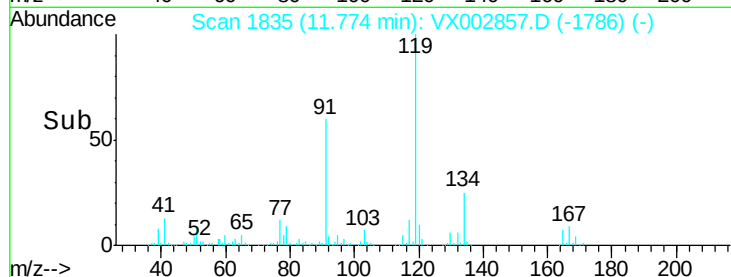
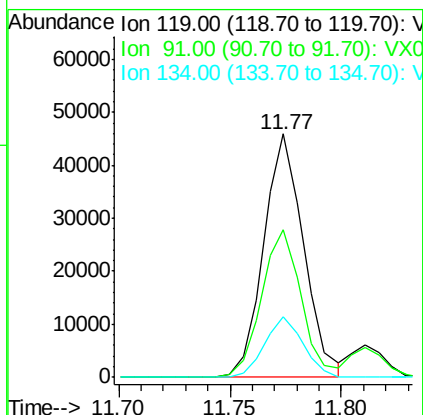
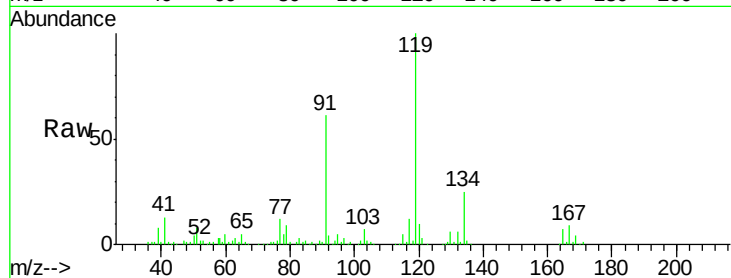




#83
 tert-Butylbenzene
 Concen: 5.040 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

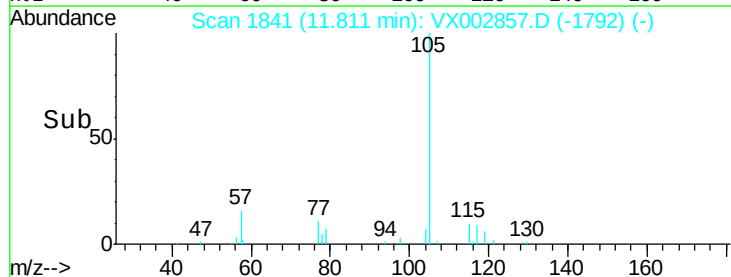
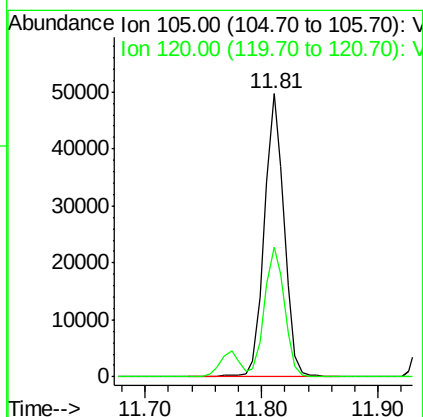
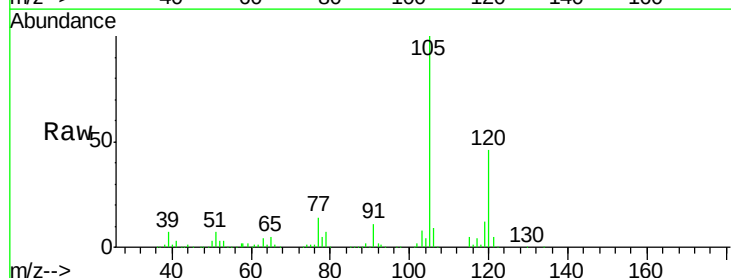
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

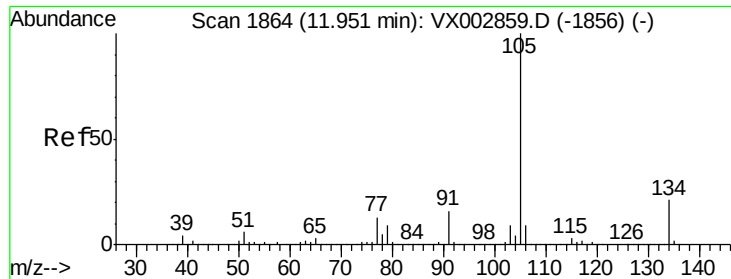
Tgt Ion:119 Resp: 56999
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.3 90.9
 134 24.3 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.911 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion:105 Resp: 58828
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.3 66.8

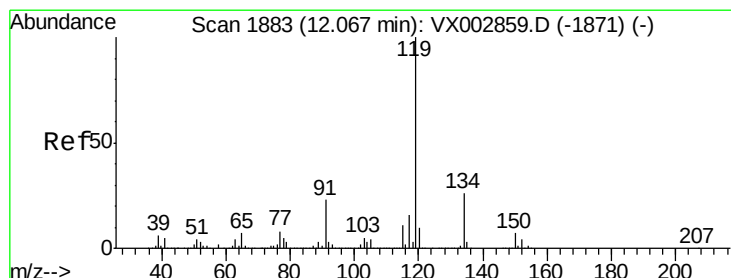
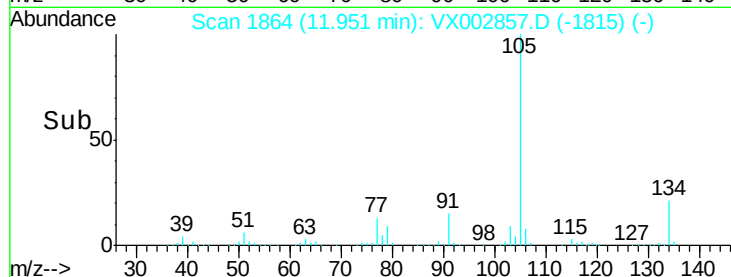
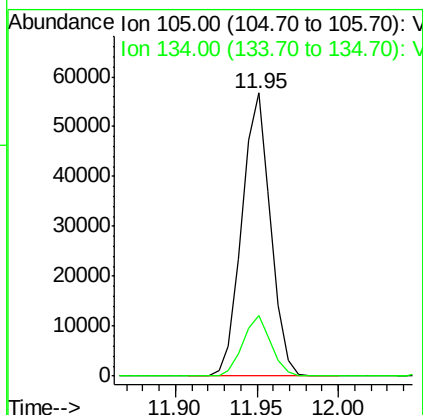
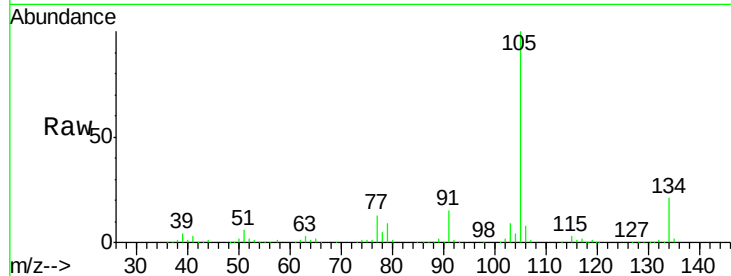




#85
 sec-Butylbenzene
 Concen: 4.932 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

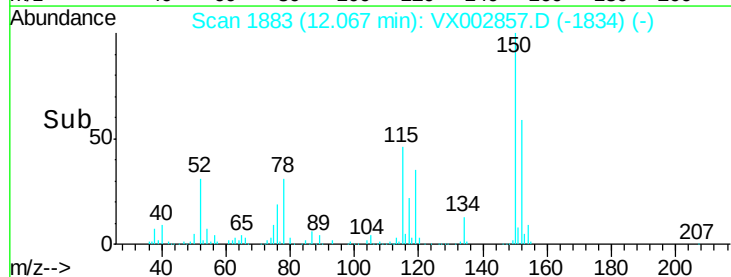
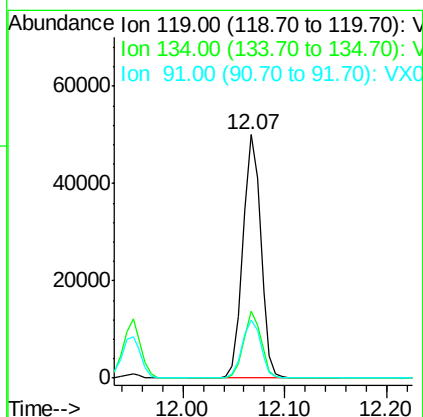
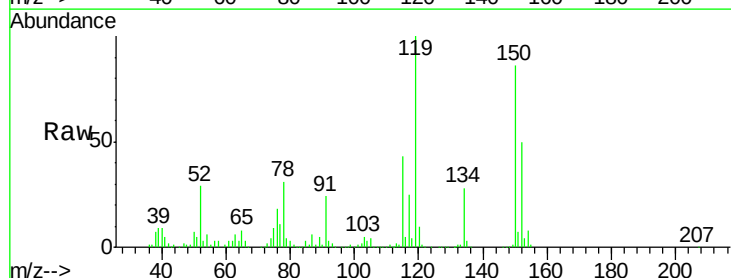
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

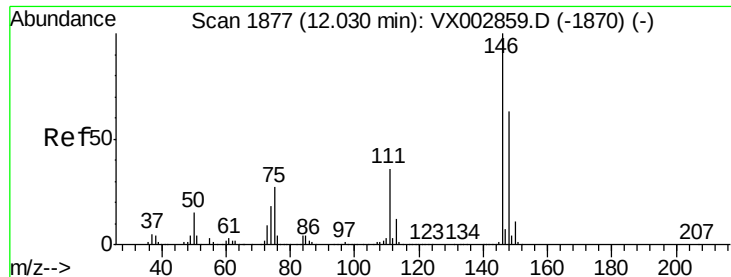
Tgt Ion:105 Resp: 69359
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.772 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion:119 Resp: 60717
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 25.1 11.9 35.7

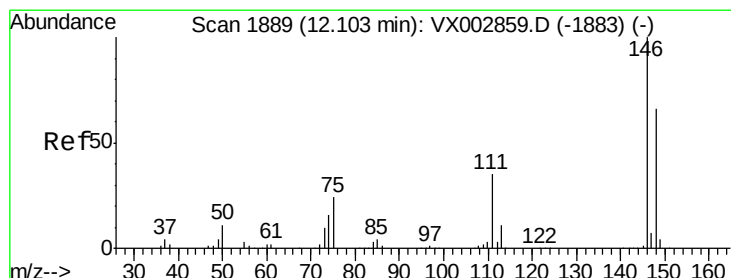
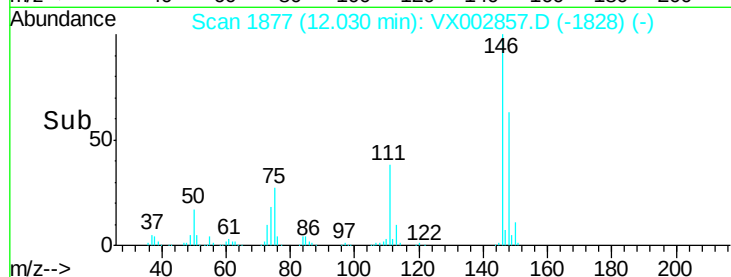
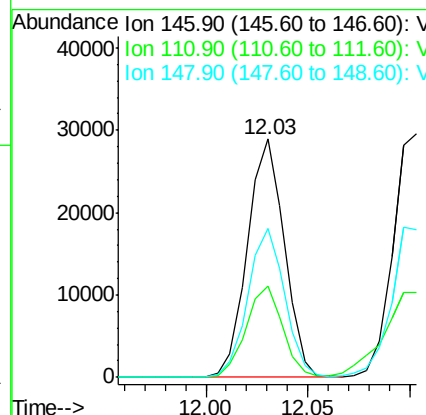
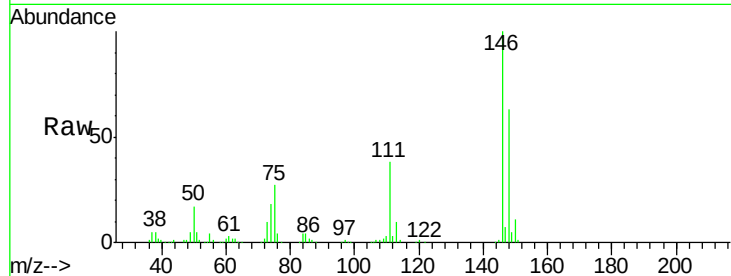




#87
 1,3-Dichlorobenzene
 Concen: 5.138 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

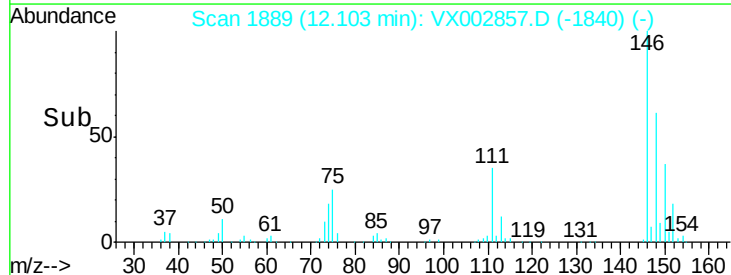
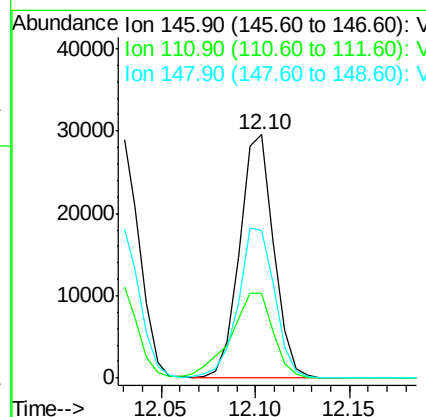
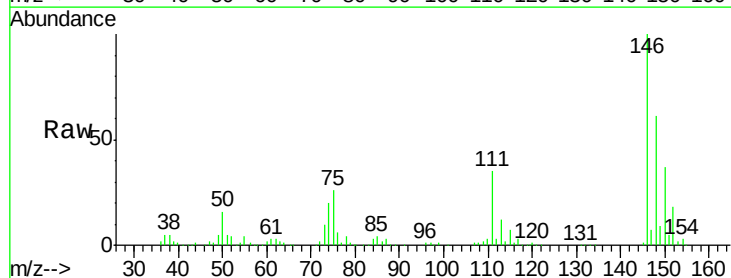
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

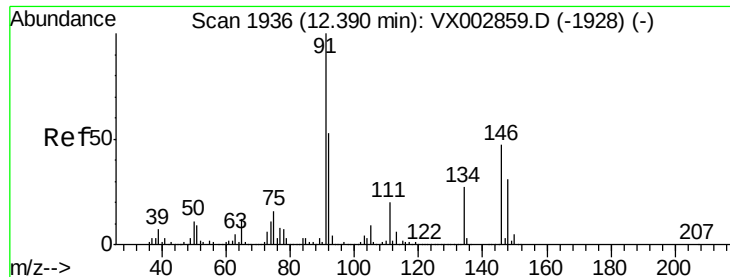
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	62.0	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 5.150 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	18.7	56.1
148	66.2	32.4	97.0

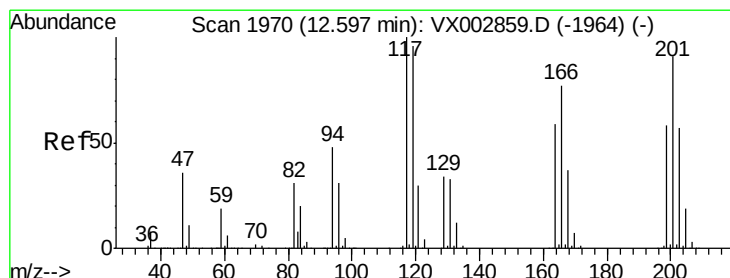
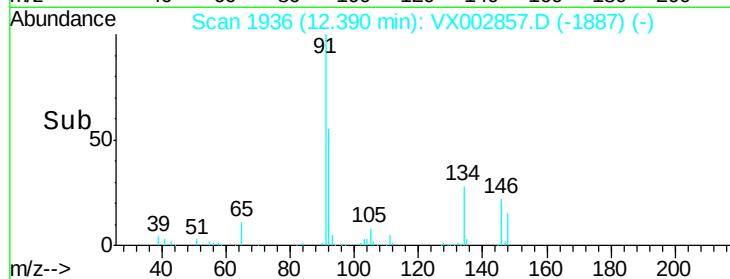
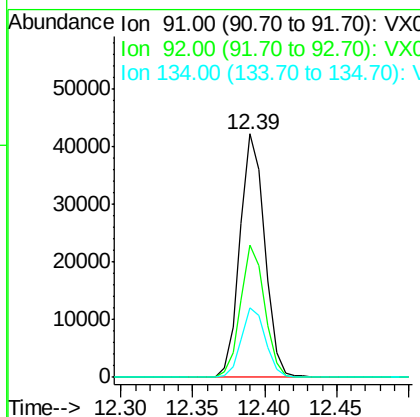
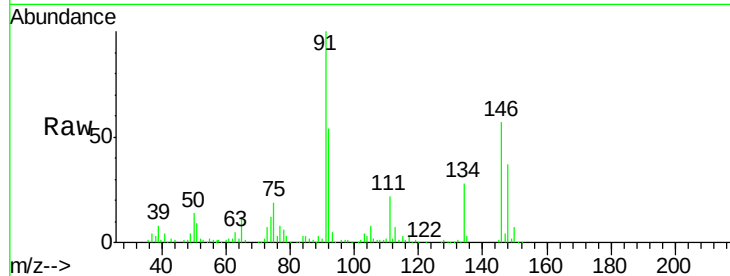




#89
n-Butylbenzene
Concen: 4.496 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

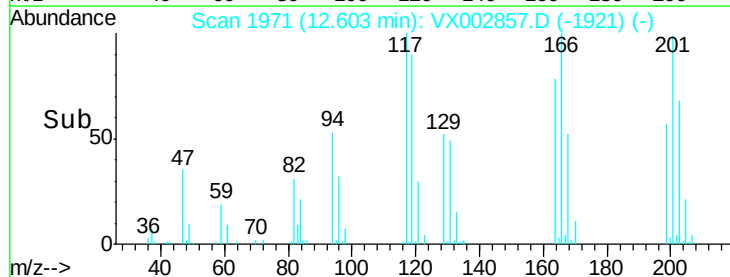
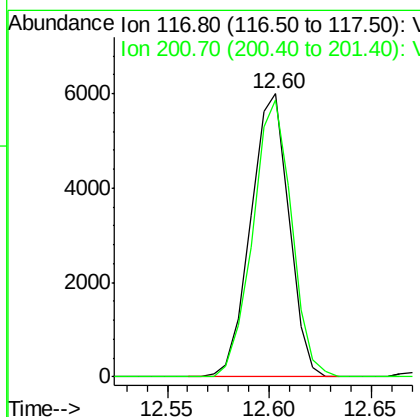
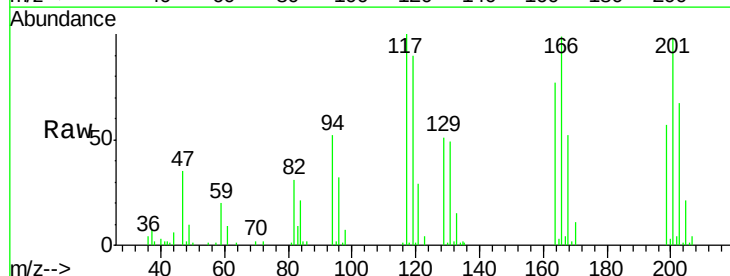
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

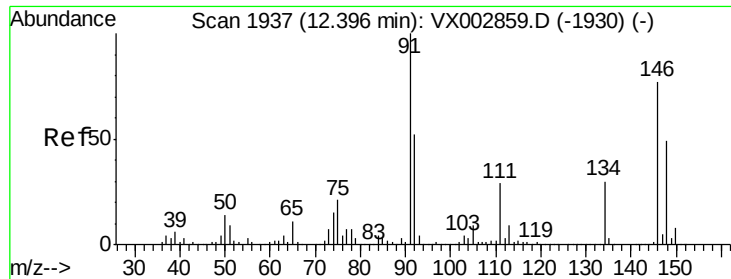
Tgt Ion: 91 Resp: 50466
Ion Ratio Lower Upper
91 100
92 52.8 26.0 78.0
134 27.8 13.5 40.5



#90
Hexachloroethane
Concen: 4.461 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002857.D
Acq: 25 Jun 2018 11:21

Tgt Ion: 117 Resp: 7834
Ion Ratio Lower Upper
117 100
201 99.0 49.0 147.0

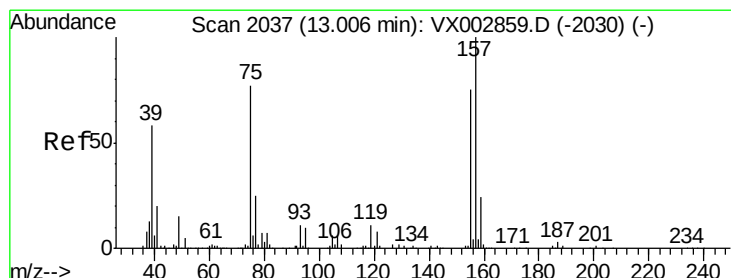
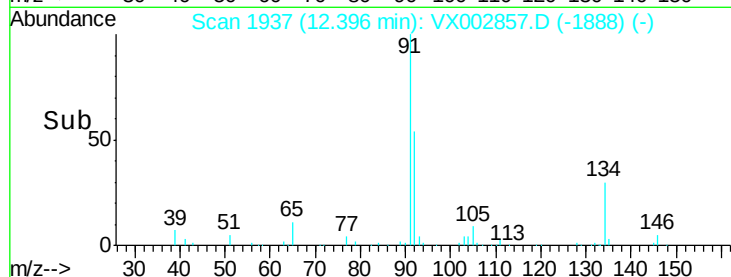
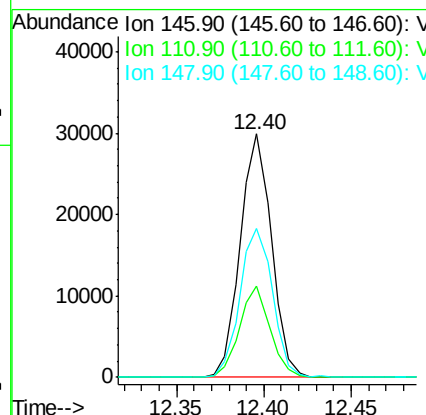
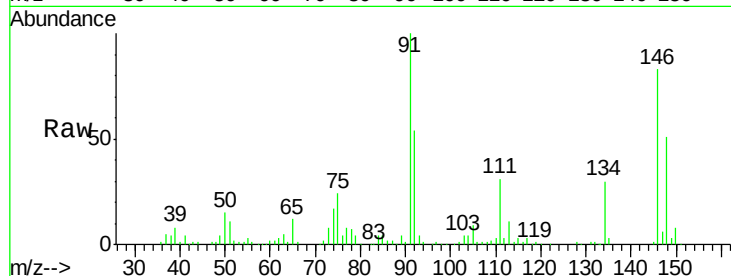




#91
 1,2-Dichlorobenzene
 Concen: 5.201 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

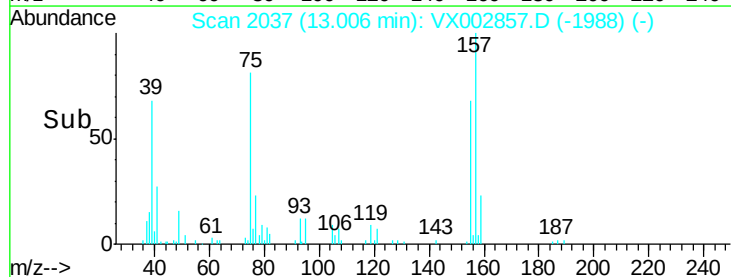
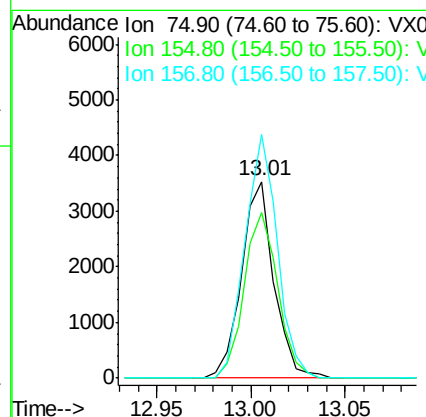
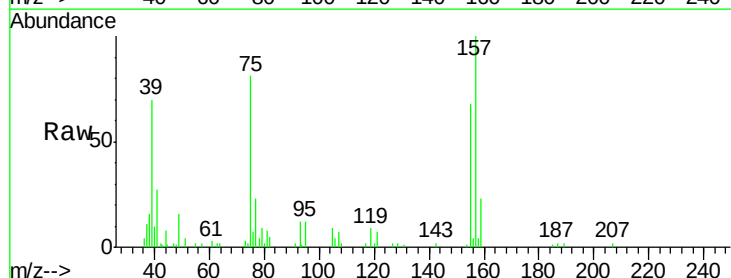
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

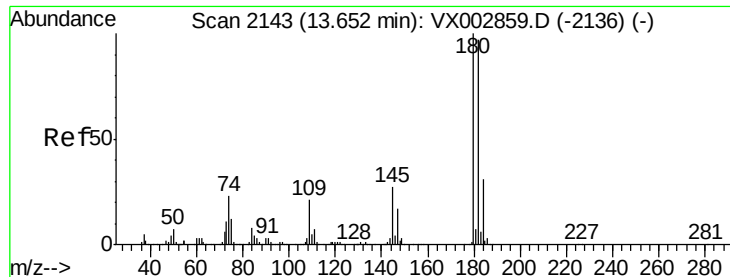
Tgt Ion: 146 Resp: 37150
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.4 58.1
 148 64.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.892 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion: 75 Resp: 4204
 Ion Ratio Lower Upper
 75 100
 155 87.5 45.8 137.4
 157 123.5 60.1 180.3

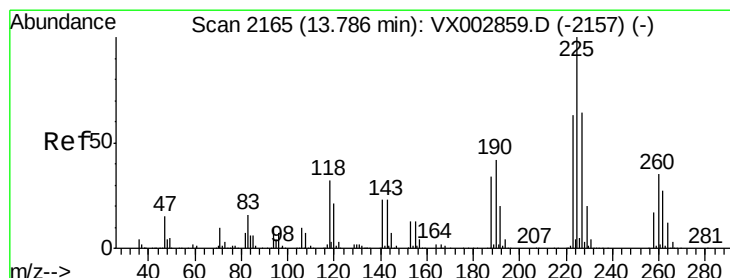
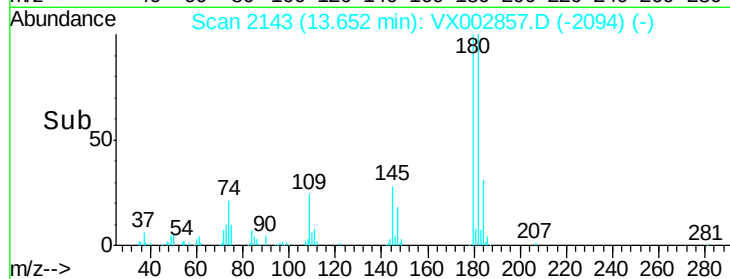
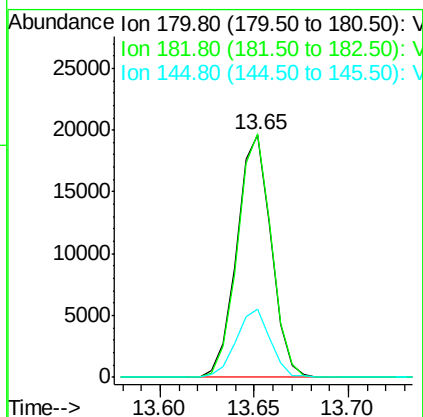
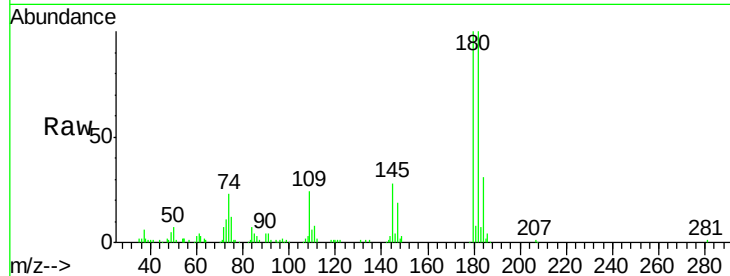




#93
 1,2,4-Trichlorobenzene
 Concen: 4.763 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

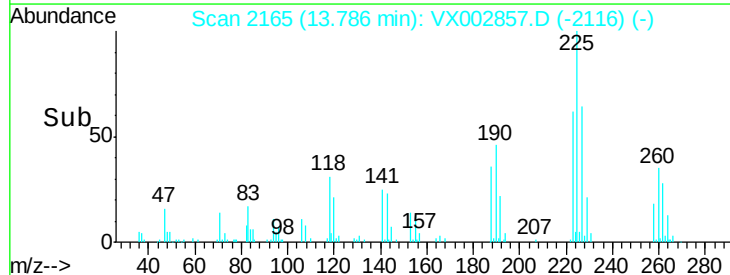
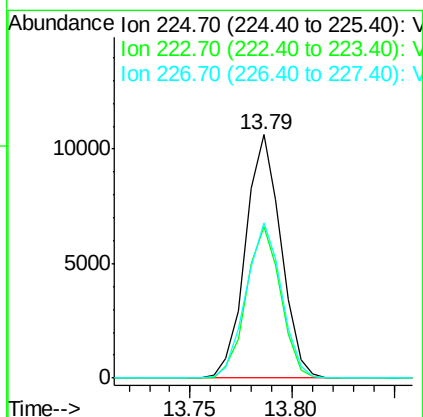
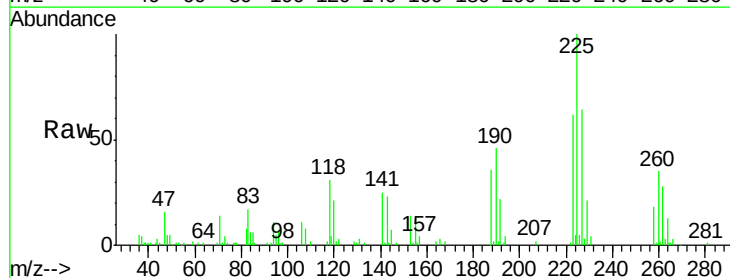
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

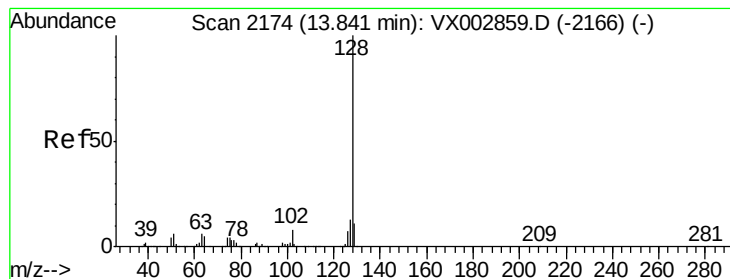
Tgt Ion:180 Resp: 24695
 Ion Ratio Lower Upper
 180 100
 182 98.8 47.7 143.1
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 4.702 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002857.D
 Acq: 25 Jun 2018 11:21

Tgt Ion:225 Resp: 12840
 Ion Ratio Lower Upper
 225 100
 223 60.2 31.6 95.0
 227 63.3 32.4 97.2





#95

Naphthalene

Concen: 4.700 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

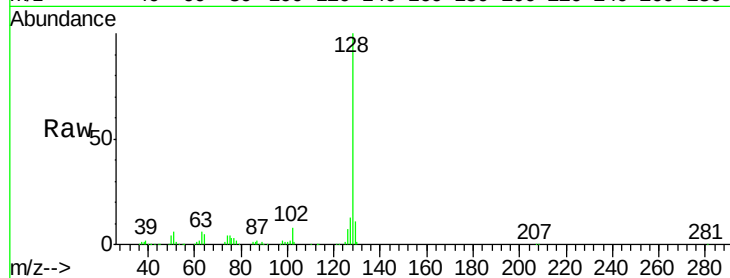
Tgt Ion:128 Resp: 65570

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

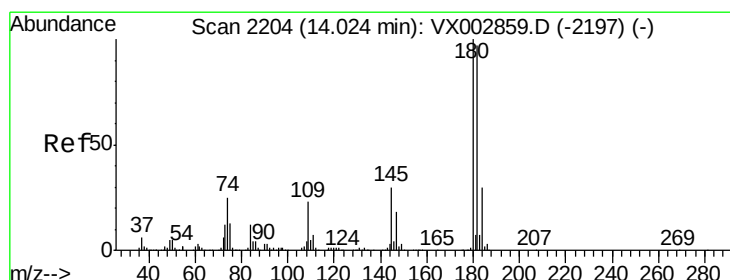
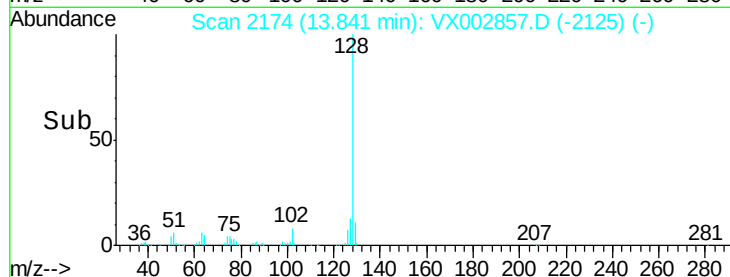
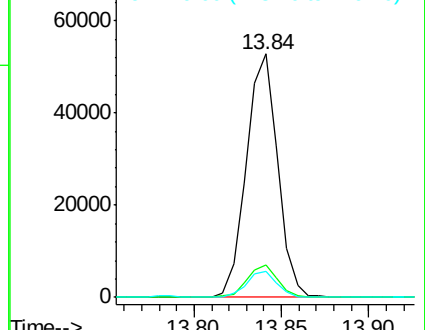
129 10.6 8.6 13.0



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: 5.006 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002857.D

Acq: 25 Jun 2018 11:21

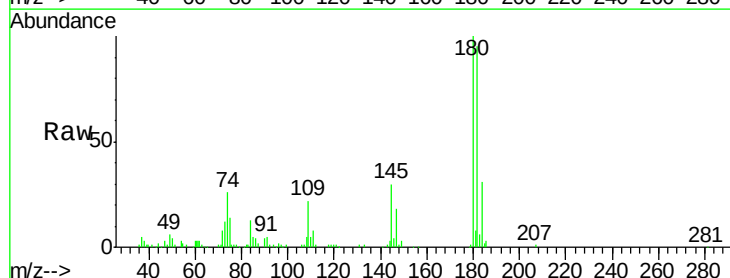
Tgt Ion:180 Resp: 26067

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

145 30.3 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

