

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003295.D
 Acq On : 10 Jul 2018 20:09
 Operator : JC/MD
 Sample : VX0710MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBSD01

Quant Time: Jul 11 00:55:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	296421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197467	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188182	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
35) Dibromofluoromethane	5.51	113	158555	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.72	98	580938	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
62) 4-Bromofluorobenzene	11.14	95	213027	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	75301	21.00	ug/l	99
3) Chloromethane	1.32	50	64508	19.78	ug/l	99
4) Vinyl Chloride	1.40	62	65940	19.70	ug/l	100
5) Bromomethane	1.64	94	24134	24.51	ug/l	98
6) Chloroethane	1.72	64	37111	20.02	ug/l	99
7) Trichlorofluoromethane	1.93	101	99613	20.02	ug/l	99
8) Diethyl Ether	2.19	74	35539	19.76	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57302	19.67	ug/l	96
10) Methyl Iodide	2.51	142	53505	20.41	ug/l	96
11) Tert butyl alcohol	3.08	59	79585	118.25	ug/l	98
12) 1,1-Dichloroethene	2.37	96	51394	19.39	ug/l	91
13) Acrolein	2.30	56	47657	87.87	ug/l	99
14) Allyl chloride	2.73	41	93989	19.14	ug/l	95
15) Acrylonitrile	3.15	53	155465	103.45	ug/l	99
16) Acetone	2.45	43	147541	111.95	ug/l	95
17) Carbon Disulfide	2.57	76	134932	18.32	ug/l	98
18) Methyl Acetate	2.78	43	89713	24.13	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	177555	20.05	ug/l	99
20) Methylene Chloride	2.86	84	60187	21.89	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	55518	19.65	ug/l	90
22) Diisopropyl ether	3.88	45	185745	18.60	ug/l	99
23) Vinyl Acetate	3.83	43	811636	95.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	105104	20.22	ug/l	99
25) 2-Butanone	4.72	43	253722	108.80	ug/l	98
26) 2,2-Dichloropropane	4.59	77	69737	15.34	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	67313	19.38	ug/l	92
28) Bromochloromethane	5.03	49	52699	20.12	ug/l	90
29) Tetrahydrofuran	5.17	42	161788	106.89	ug/l	97
30) Chloroform	5.22	83	116840	20.43	ug/l	99
31) Cyclohexane	5.58	56	95635	19.64	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	102896	20.40	ug/l	98
36) 1,1-Dichloropropene	5.81	75	80804	19.26	ug/l	97
37) Ethyl Acetate	4.87	43	93963	20.43	ug/l	97
38) Carbon Tetrachloride	5.79	117	92187	20.08	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92922	18.80	ug/l	98
40) Benzene	6.15	78	254293	20.45	ug/l	100
41) Methacrylonitrile	5.07	41	52398	20.81	ug/l	96
42) 1,2-Dichloroethane	6.20	62	94917	20.43	ug/l	98
43) Isopropyl Acetate	6.48	43	146398	20.27	ug/l	97
44) Trichloroethene	7.22	130	75218	20.46	ug/l	97
45) 1,2-Dichloropropane	7.52	63	65022	20.11	ug/l	96
46) Dibromomethane	7.67	93	44069	20.00	ug/l	93
47) Bromodichloromethane	7.90	83	82767	20.36	ug/l	100
48) Methyl methacrylate	7.79	41	77679	20.97	ug/l	93
49) 1,4-Dioxane	7.76	88	33825	436.65	ug/l #	80
51) 4-Methyl-2-Pentanone	8.65	43	489388	108.82	ug/l	96
52) Toluene	8.79	92	161595	20.56	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	91448	19.11	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	83595	19.20	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	66698	20.45	ug/l	97
56) Ethyl methacrylate	9.19	69	91437	20.47	ug/l	92
57) 1,3-Dichloropropane	9.38	76	105898	20.16	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	271648	126.08	ug/l	97
59) 2-Hexanone	9.50	43	380653	111.44	ug/l	96
60) Dibromochloromethane	9.59	129	69078	20.29	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71033	20.78	ug/l	99
64) Tetrachloroethene	9.34	164	89788	21.27	ug/l	99
65) Chlorobenzene	10.14	112	186961	19.71	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	69303	20.25	ug/l	99
67) Ethyl Benzene	10.26	91	301036	19.62	ug/l	100
68) m/p-Xylenes	10.36	106	241460	40.45	ug/l	97
69) o-Xylene	10.70	106	115291	19.94	ug/l	97
70) Styrene	10.71	104	190582	20.33	ug/l	97
71) Bromoform	10.86	173	54936	19.51	ug/l	100
73) Isopropylbenzene	11.02	105	316225	20.28	ug/l	99
74) N-amyl acetate	6.48	43	146398	19.68	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	96213	19.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	106868	25.04	ug/l	80
77) Bromobenzene	11.26	156	91816	20.40	ug/l	94
78) n-propylbenzene	11.37	91	349832	20.18	ug/l	98
79) 2-Chlorotoluene	11.43	91	212127	20.09	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	266605	20.54	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22327	17.10	ug/l	99
82) 4-Chlorotoluene	11.51	91	244750	19.85	ug/l	97
83) tert-Butylbenzene	11.77	119	255568	19.71	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	273152	20.55	ug/l	97
85) sec-Butylbenzene	11.95	105	309662	20.20	ug/l	99
86) p-Isopropyltoluene	12.07	119	275338	19.72	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	161575	19.57	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161576	19.33	ug/l	99
89) n-Butylbenzene	12.39	91	222348	19.06	ug/l	99
90) Hexachloroethane	12.60	117	39692	18.62	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	161610	19.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20791	20.04	ug/l	91

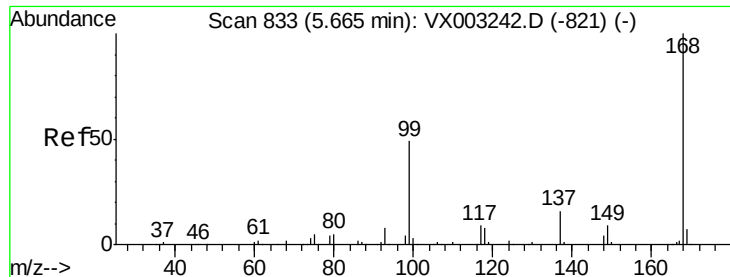
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Quant Time: Jul 11 00:55:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112387	18.62	ug/l	100
94) Hexachlorobutadiene	13.79	225	58224	19.38	ug/l	99
95) Naphthalene	13.84	128	320266	20.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117451	19.52	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

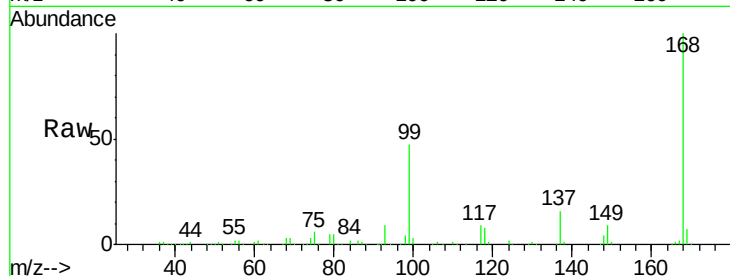
VX0710MBSD01

Tot Ion:168 Resp: 235881

Ion Ratio Lower Upper

168 100

99 47.2 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

80000

60000

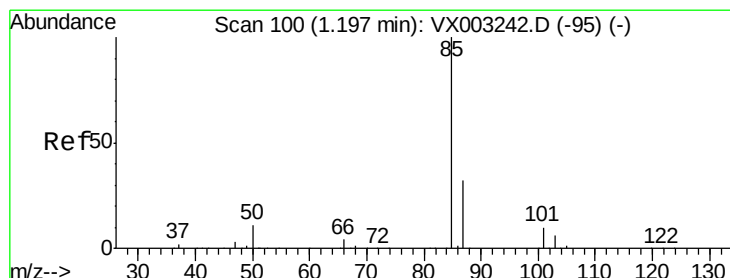
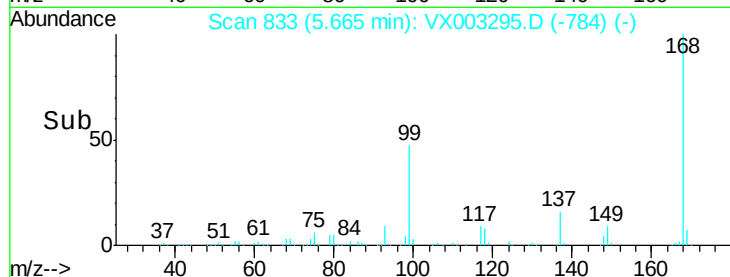
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003295.D

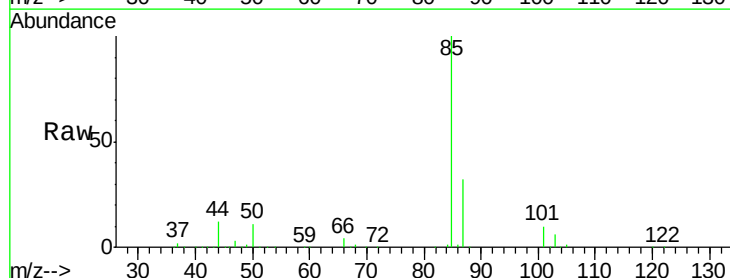
Acq: 10 Jul 2018 20:09

Tgt Ion: 85 Resp: 75301

Ion Ratio Lower Upper

85 100

87 32.5 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

80000

60000

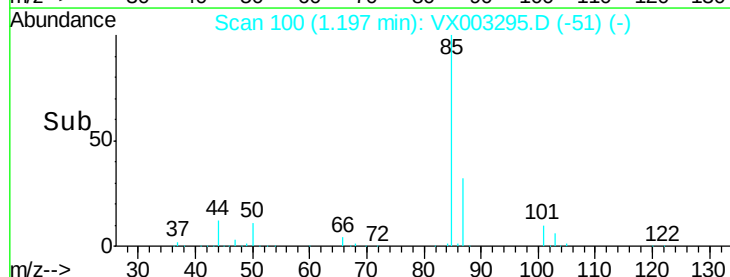
40000

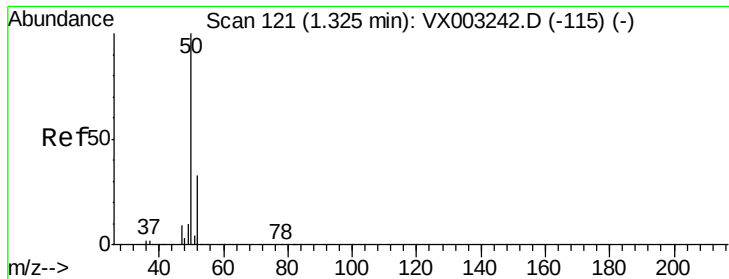
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.78 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

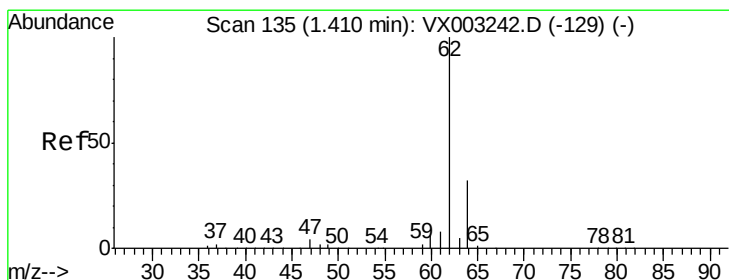
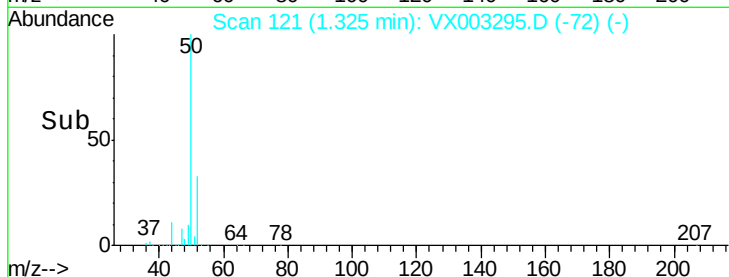
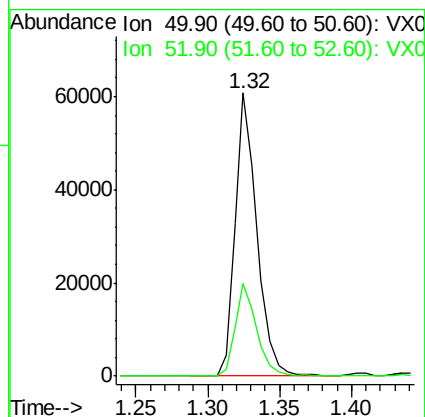
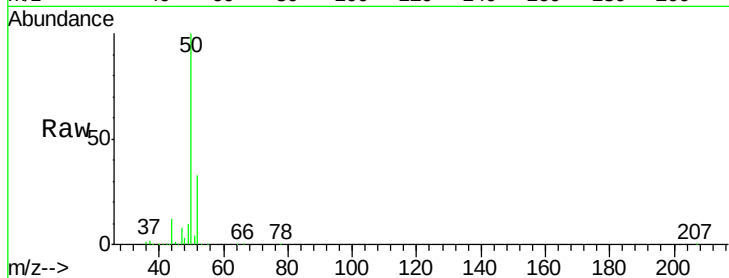
VX0710MBSD01

Tot Ion: 50 Resp: 64508

Ion Ratio Lower Upper

50 100

52 32.9 25.7 38.5



#4

Vinyl Chloride

Concen: 19.70 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003295.D

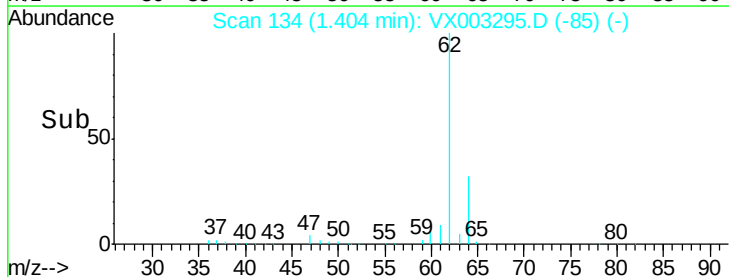
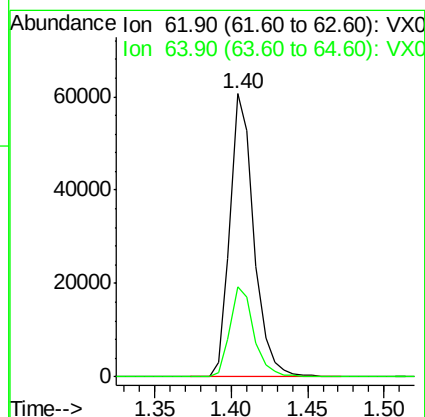
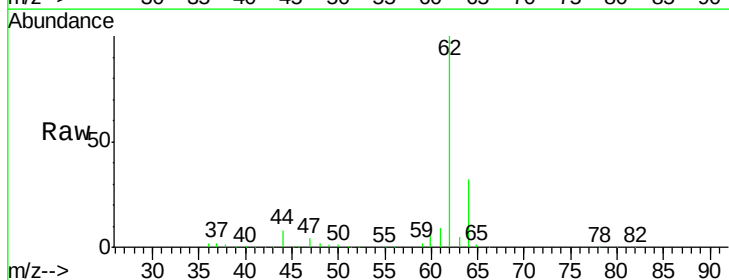
Acq: 10 Jul 2018 20:09

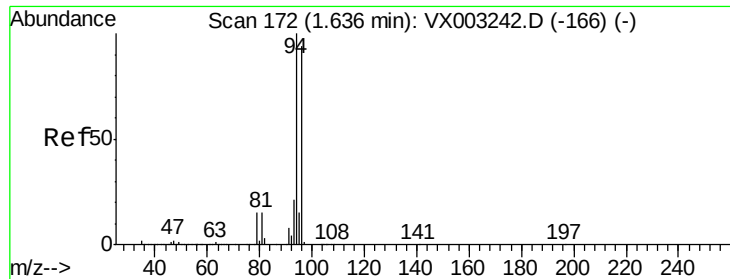
Tgt Ion: 62 Resp: 65940

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 24.51 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

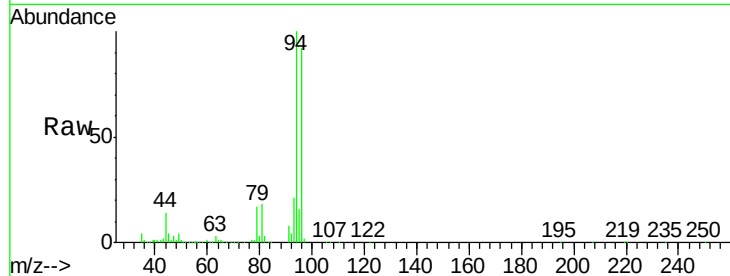
VX0710MBSD01

Tot Ion: 94 Resp: 24134

Ion Ratio Lower Upper

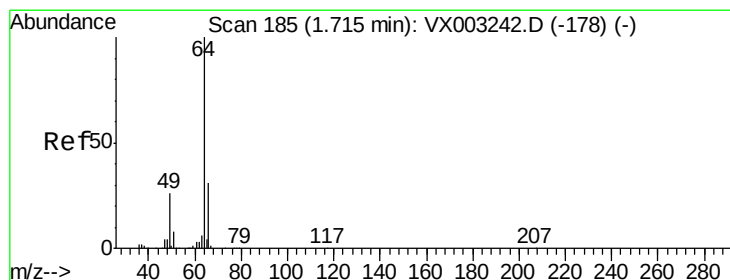
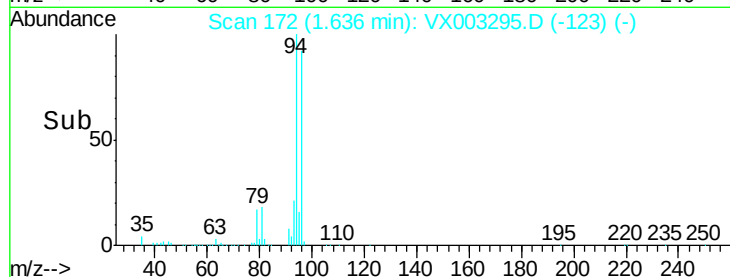
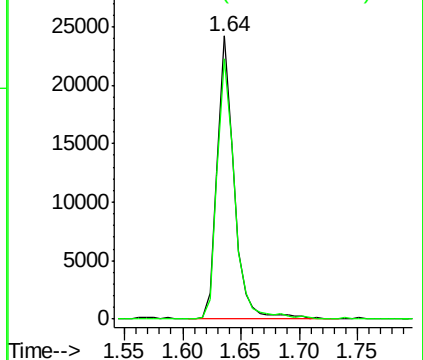
94 100

96 91.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.02 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003295.D

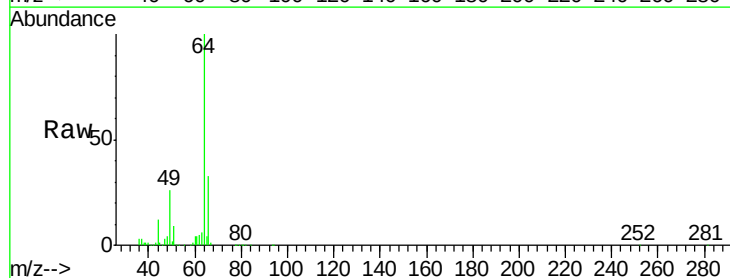
Acq: 10 Jul 2018 20:09

Tgt Ion: 64 Resp: 37111

Ion Ratio Lower Upper

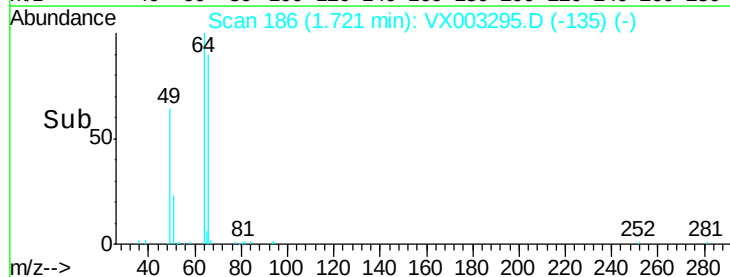
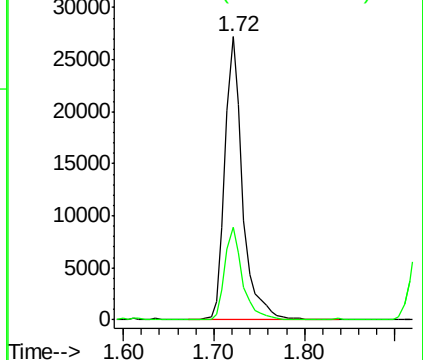
64 100

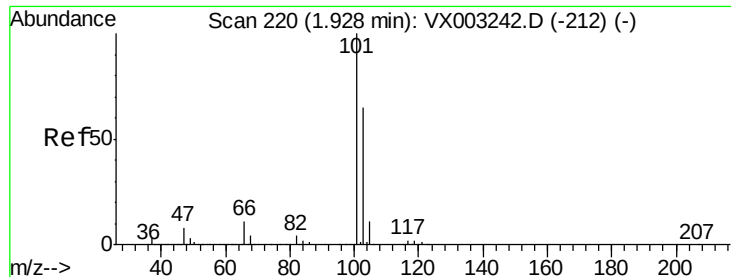
66 32.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 20.02 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

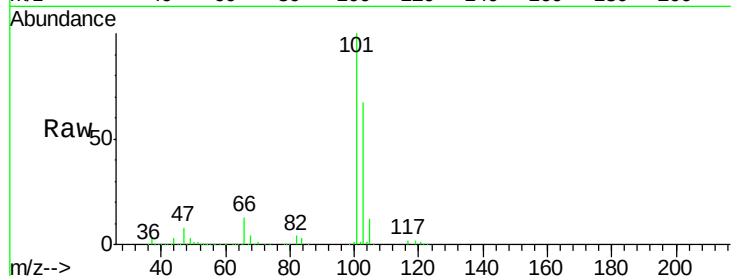
VX0710MBSD01

Tot Ion:101 Resp: 99613

Ion Ratio Lower Upper

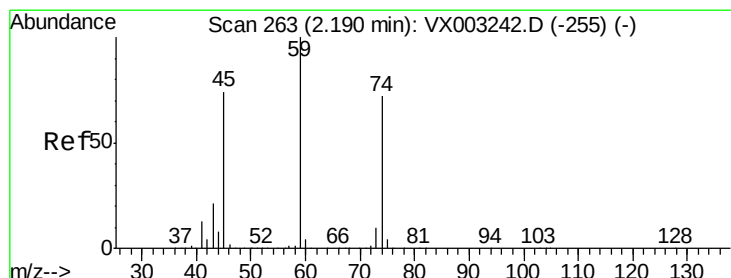
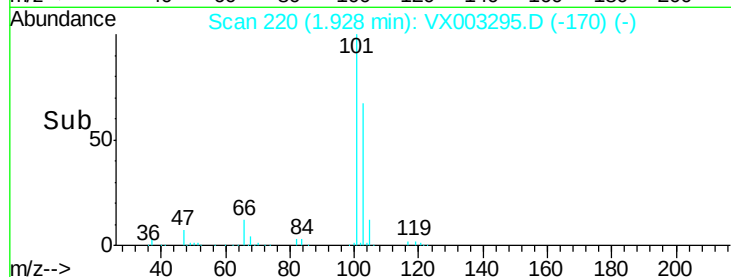
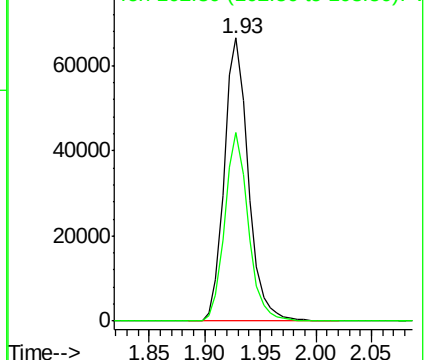
101 100

103 66.7 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: 19.76 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003295.D

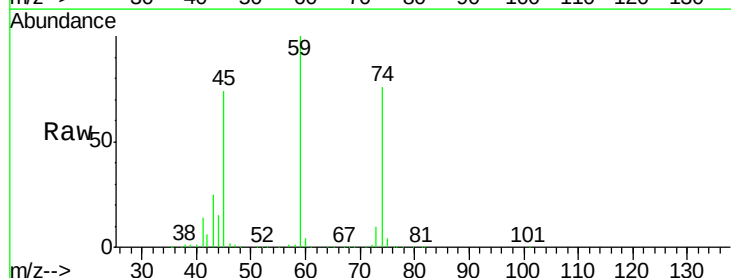
Acq: 10 Jul 2018 20:09

Tgt Ion: 74 Resp: 35539

Ion Ratio Lower Upper

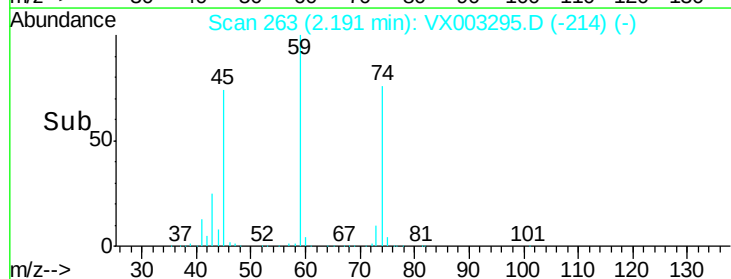
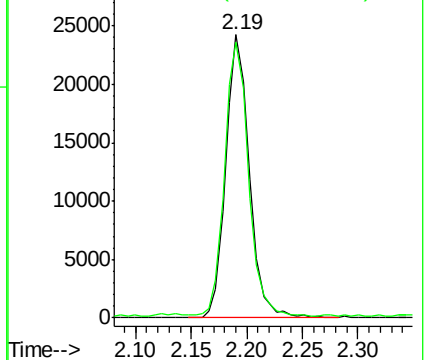
74 100

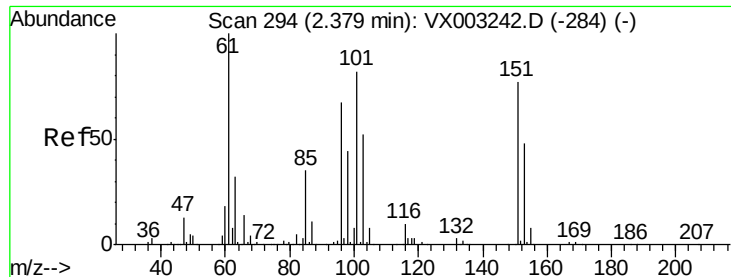
45 97.5 53.1 159.4



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: 19.67 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

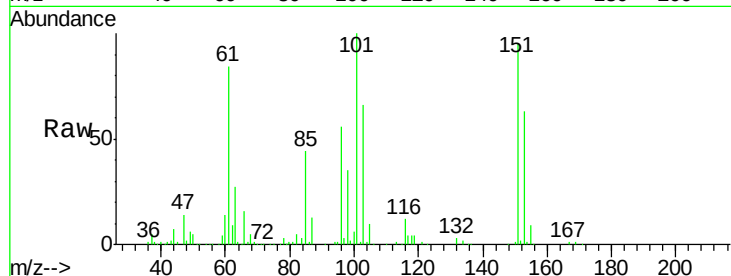
Tot Ion:101 Resp: 57302

Ion Ratio Lower Upper

101 100

85 43.3 36.0 54.0

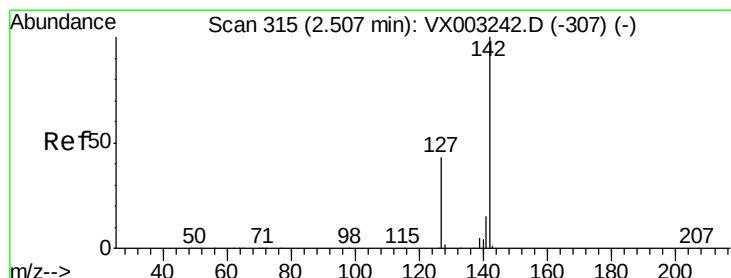
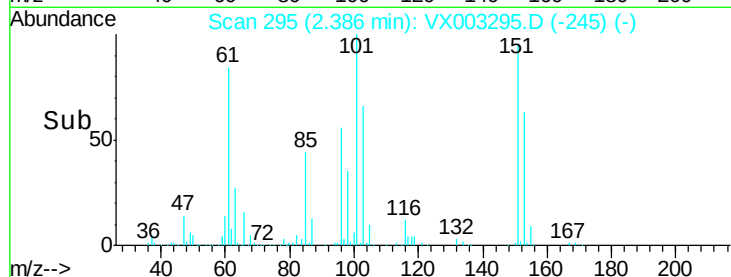
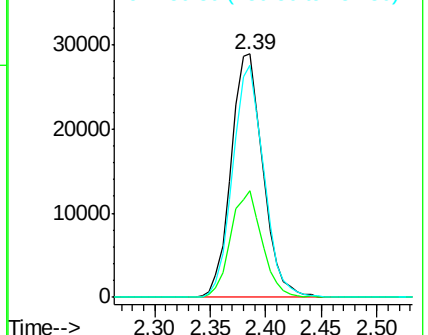
151 93.3 70.9 106.3



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: 20.41 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

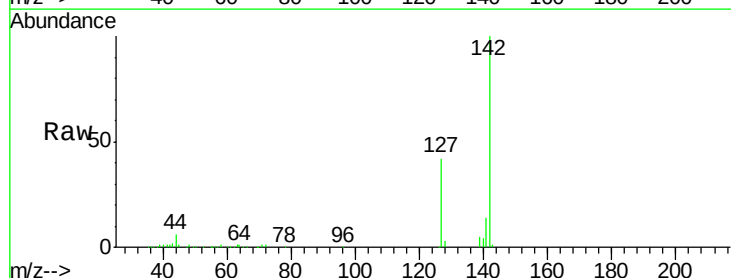
Tgt Ion:142 Resp: 53505

Ion Ratio Lower Upper

142 100

127 42.7 36.6 55.0

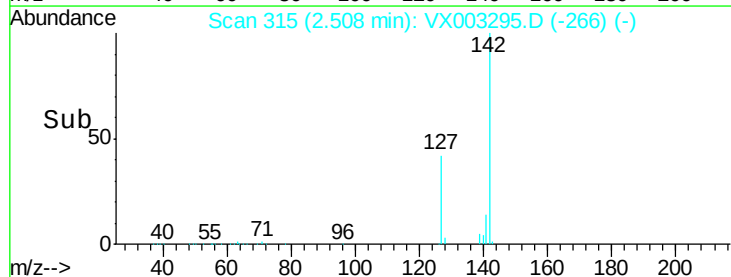
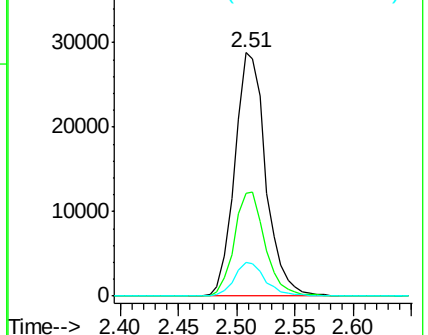
141 13.8 11.3 16.9

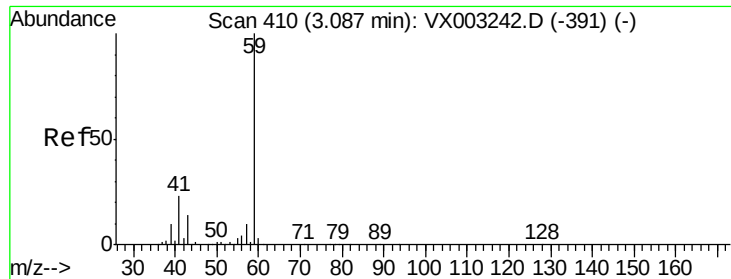


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 118.25 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

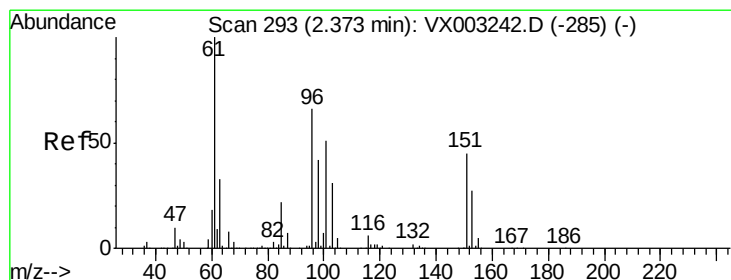
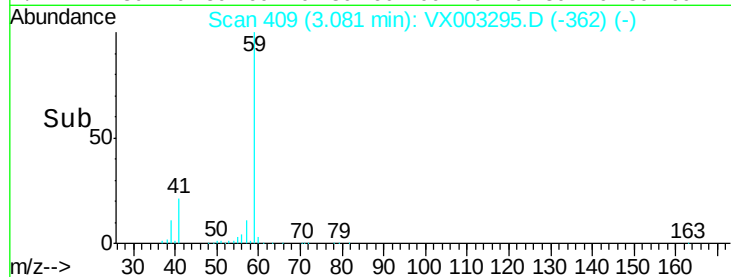
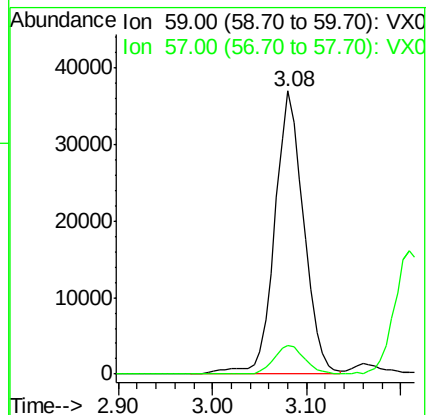
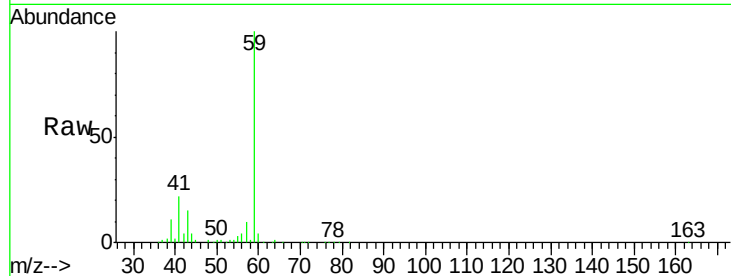
VX0710MBSD01

Tot Ion: 59 Resp: 79585

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.2



#12

1,1-Dichloroethene

Concen: 19.39 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

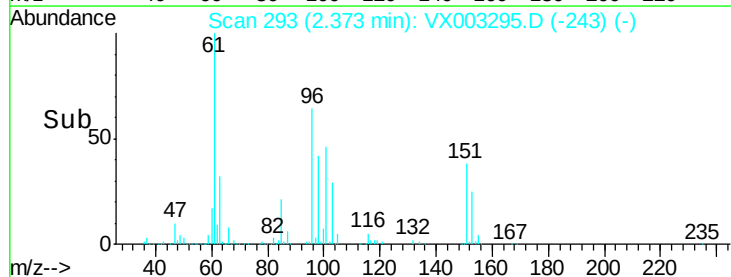
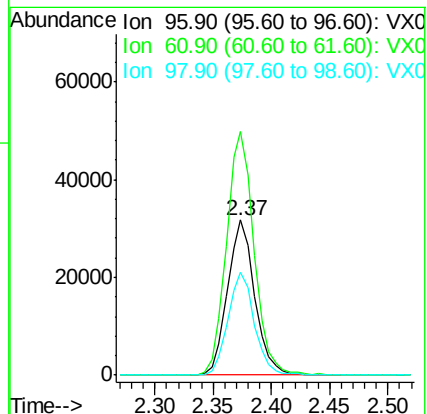
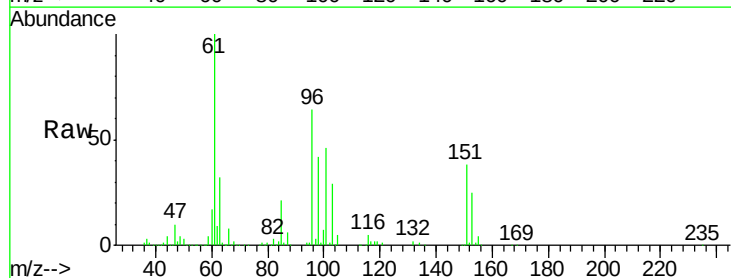
Tgt Ion: 96 Resp: 51394

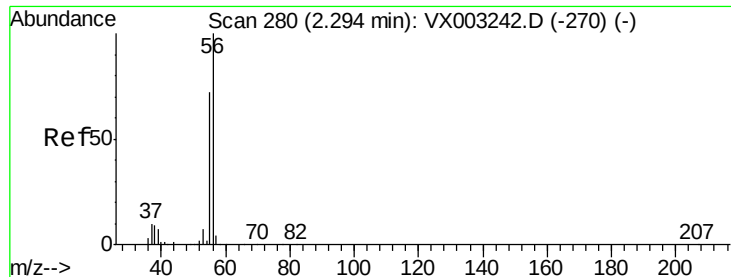
Ion Ratio Lower Upper

96 100

61 157.1 137.9 206.9

98 66.4 51.6 77.4





#13

Acrolein

Concen: 87.87 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

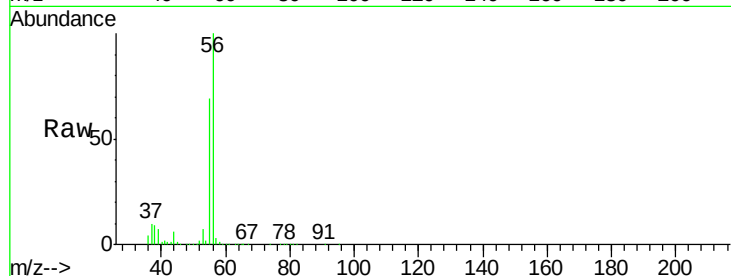
VX0710MBSD01

Tot Ion: 56 Resp: 47657

Ion Ratio Lower Upper

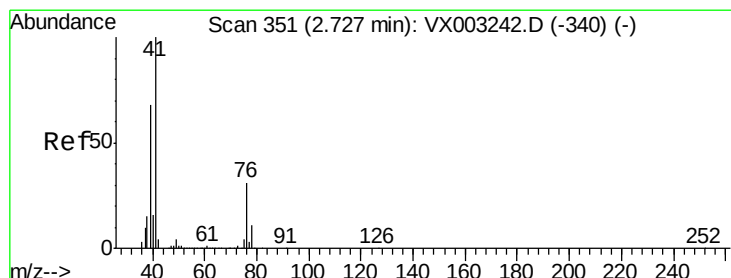
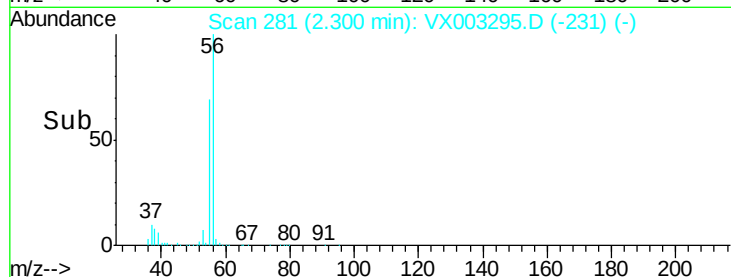
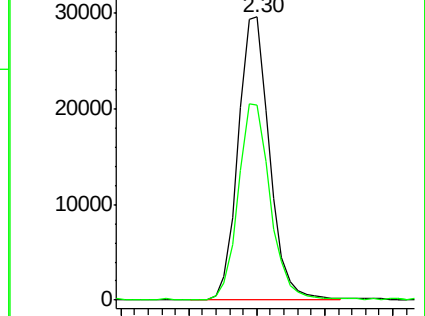
56 100

55 70.2 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: 19.14 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

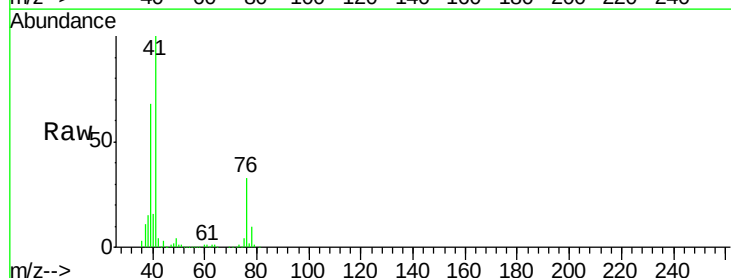
Tgt Ion: 41 Resp: 93989

Ion Ratio Lower Upper

41 100

39 66.1 56.8 85.2

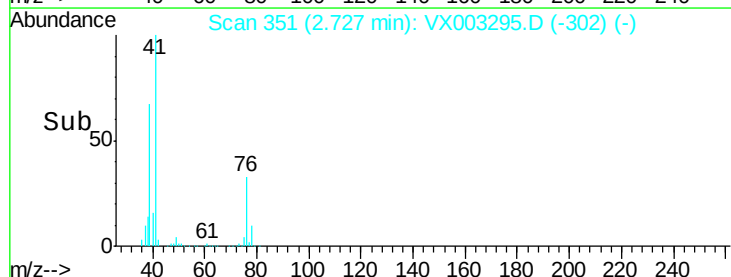
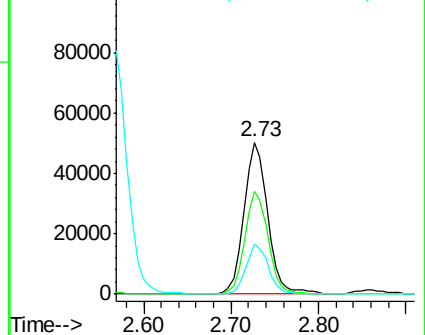
76 31.5 23.8 35.8

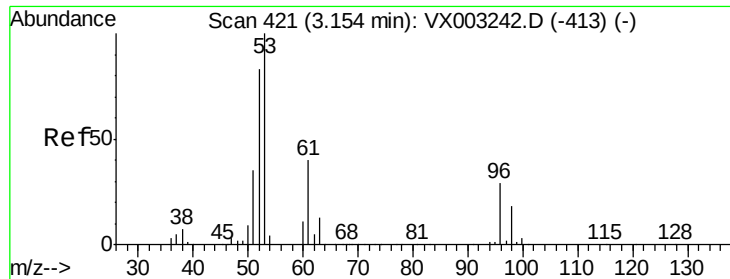


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 103.45 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

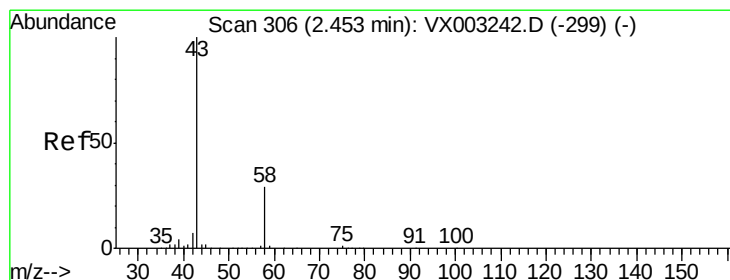
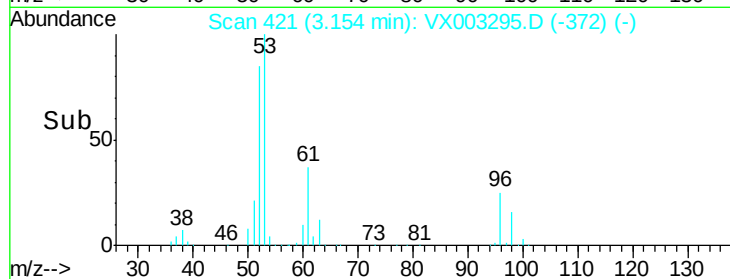
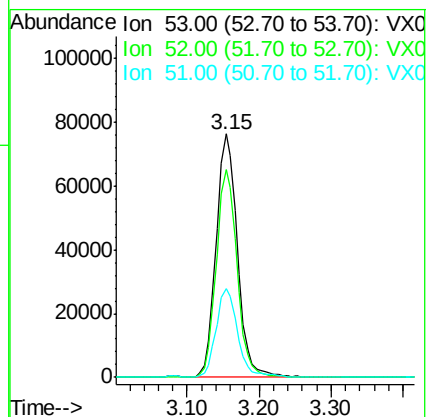
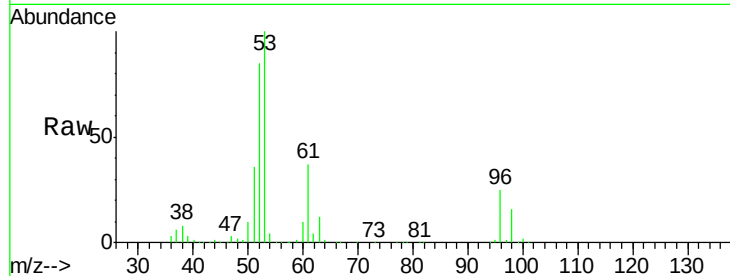
Tot Ion: 53 Resp: 155465

Ion Ratio Lower Upper

53 100

52 83.6 66.7 100.1

51 36.5 29.9 44.9



#16

Acetone

Concen: 111.95 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003295.D

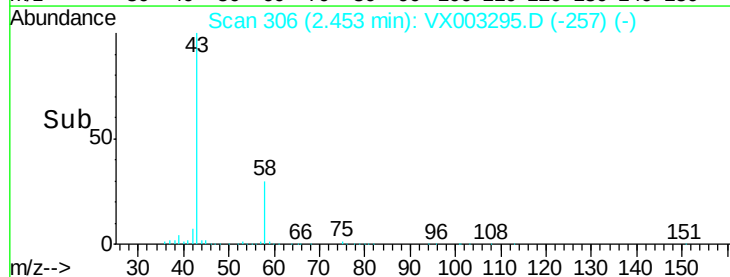
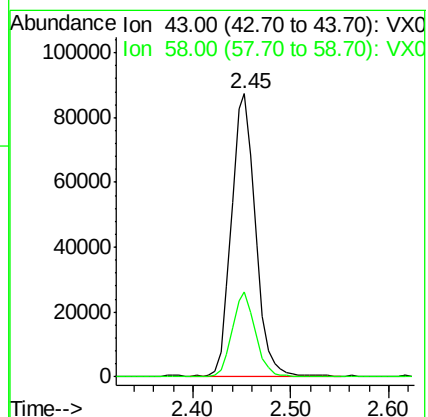
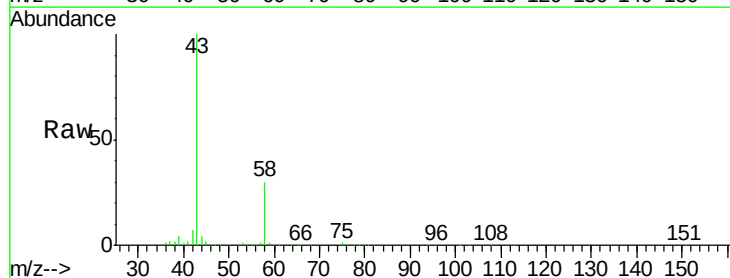
Acq: 10 Jul 2018 20:09

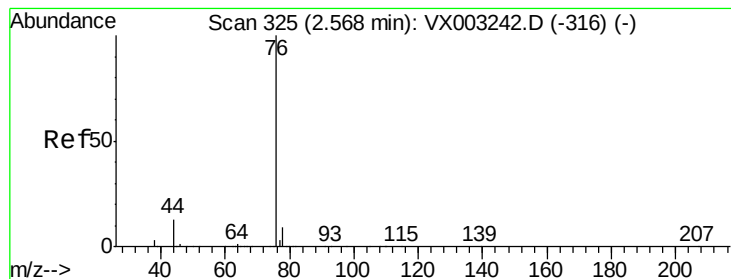
Tgt Ion: 43 Resp: 147541

Ion Ratio Lower Upper

43 100

58 30.1 22.1 33.1





#17

Carbon Disulfide

Concen: 18.32 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

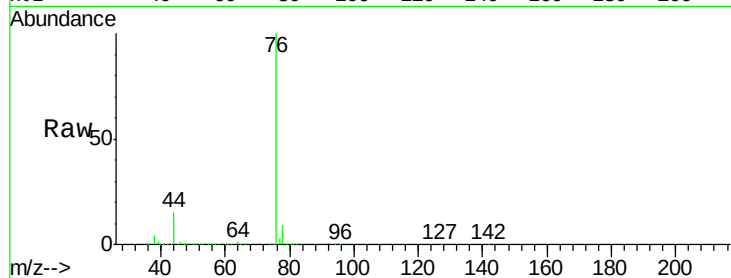
VX0710MBSD01

Tot Ion: 76 Resp: 134932

Ion Ratio Lower Upper

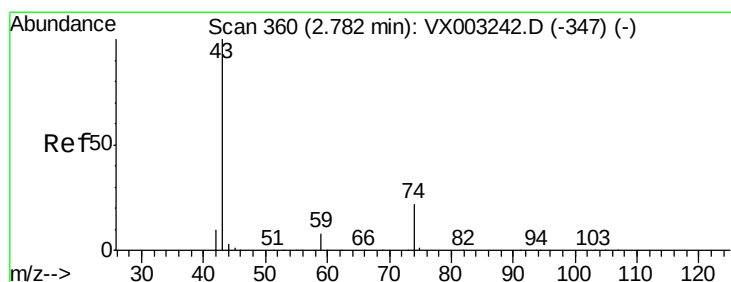
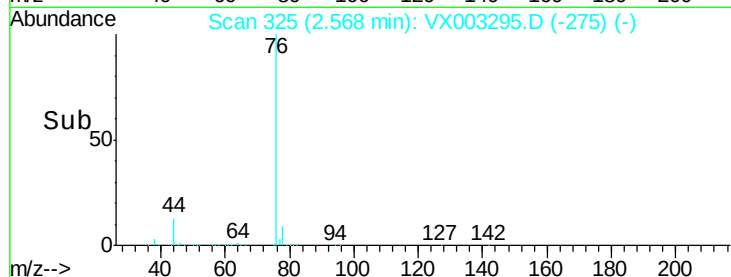
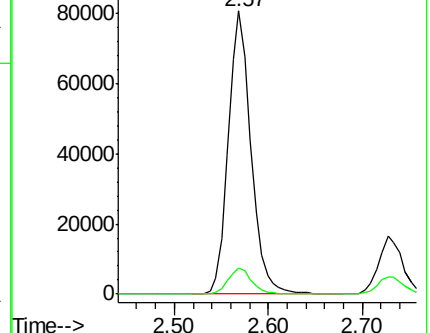
76 100

78 9.3 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: 24.13 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003295.D

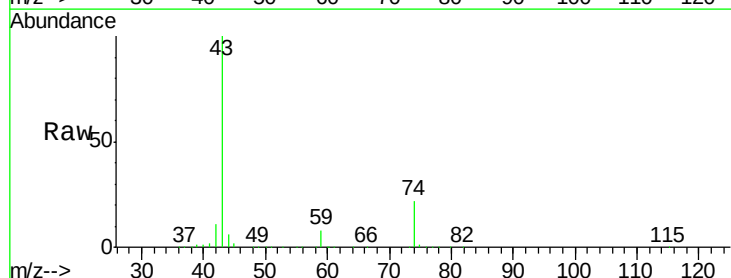
Acq: 10 Jul 2018 20:09

Tgt Ion: 43 Resp: 89713

Ion Ratio Lower Upper

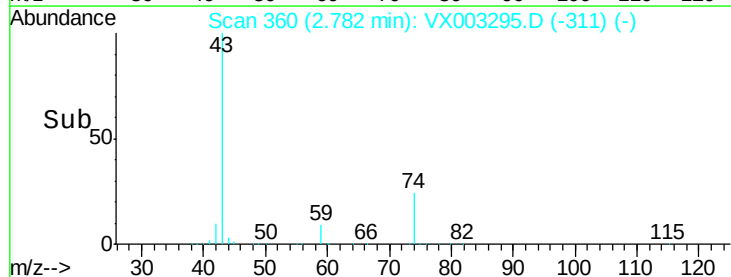
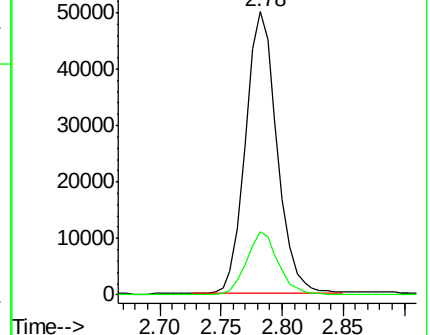
43 100

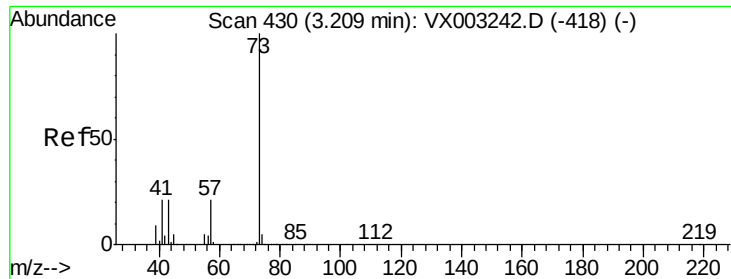
74 22.1 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

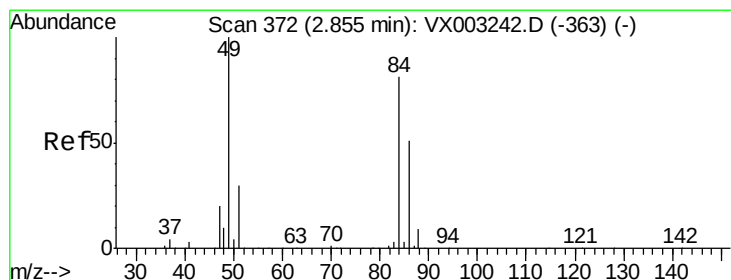
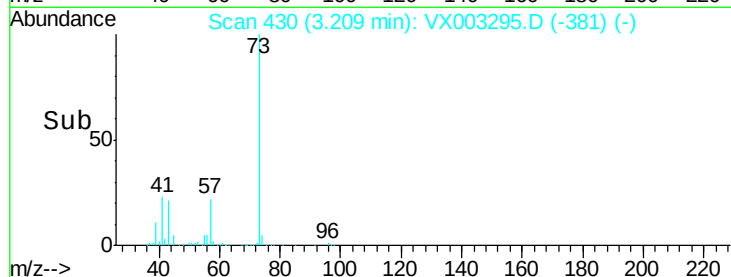
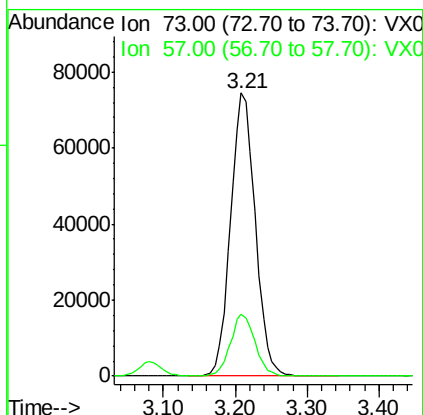
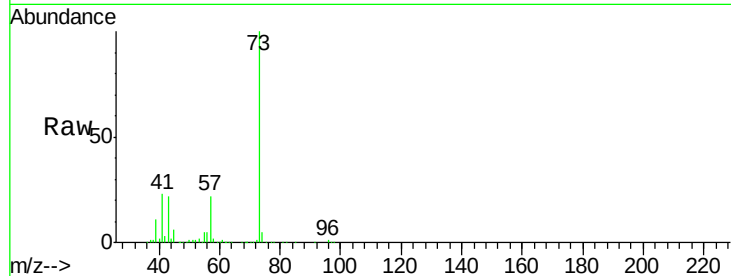




#19
Methyl tert-butyl Ether
Concen: 20.05 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

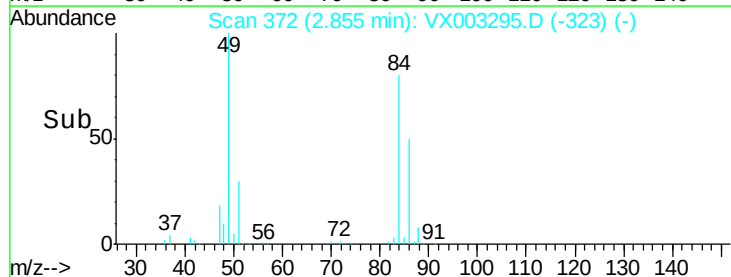
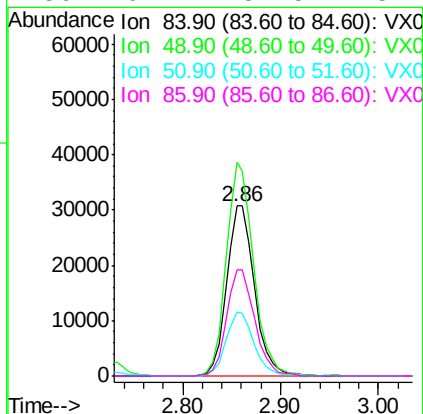
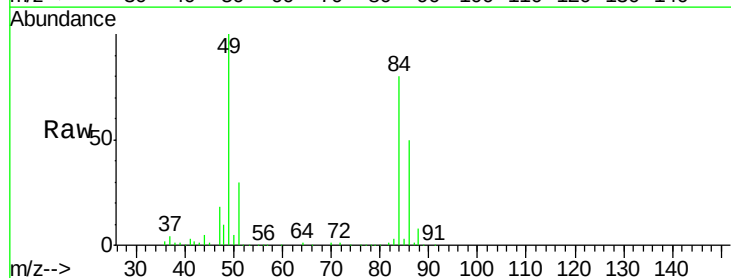
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

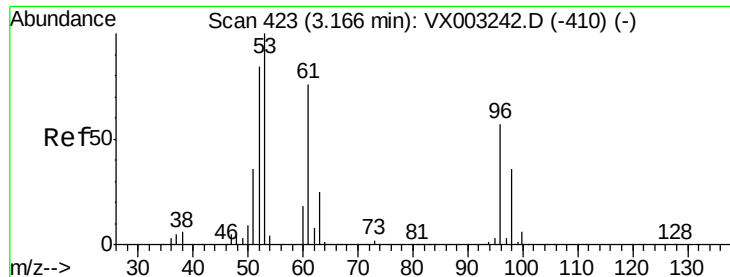
Tot Ion: 73 Resp: 177555
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5



#20
Methylene Chloride
Concen: 21.89 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion: 84 Resp: 60187
Ion Ratio Lower Upper
84 100
49 125.7 107.8 161.6
51 37.8 32.8 49.2
86 62.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.65 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

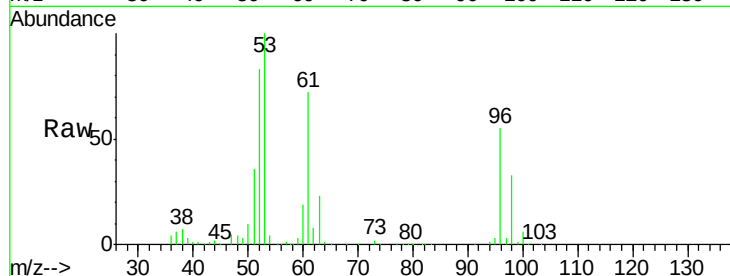
Tot Ion: 96 Resp: 55518

Ion Ratio Lower Upper

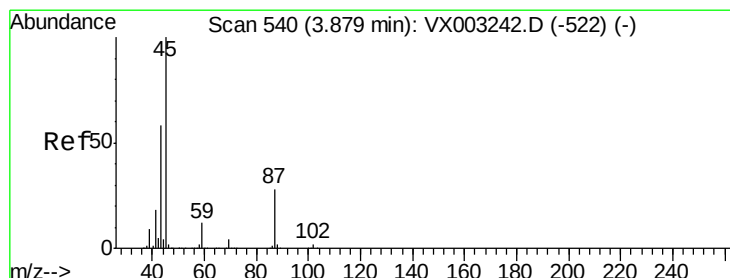
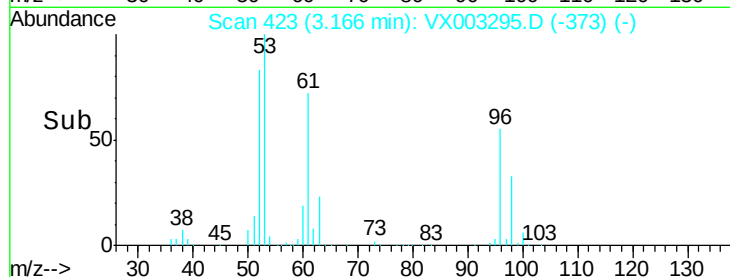
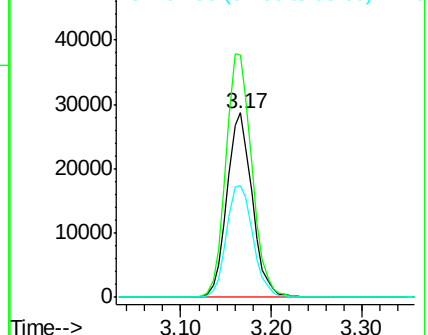
96 100

61 131.2 117.0 175.4

98 60.5 52.4 78.6



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



#22

Diisopropyl ether

Concen: 18.60 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Tgt Ion: 45 Resp: 185745

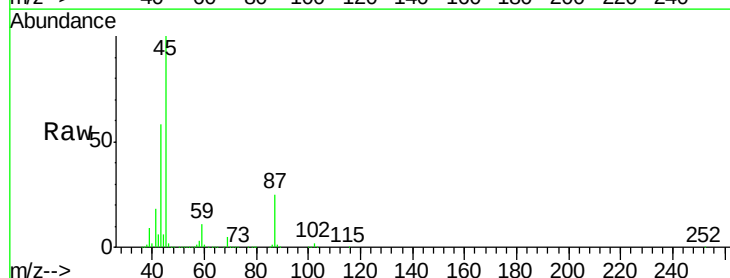
Ion Ratio Lower Upper

45 100

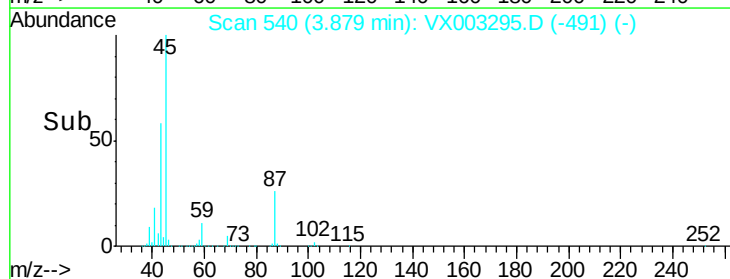
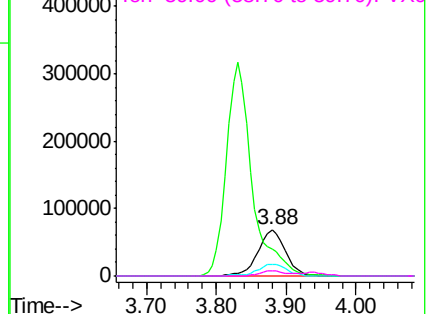
43 58.0 46.8 70.2

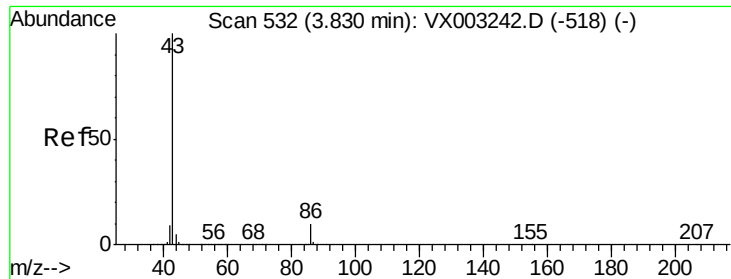
87 25.5 20.2 30.4

59 10.9 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

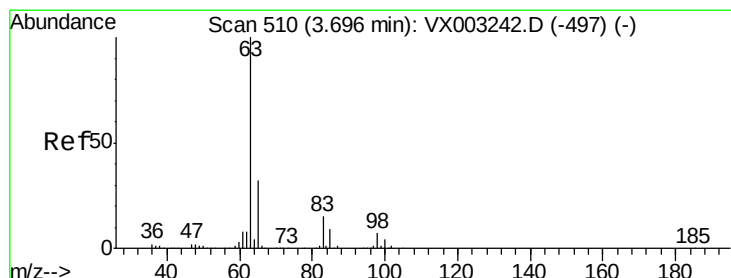
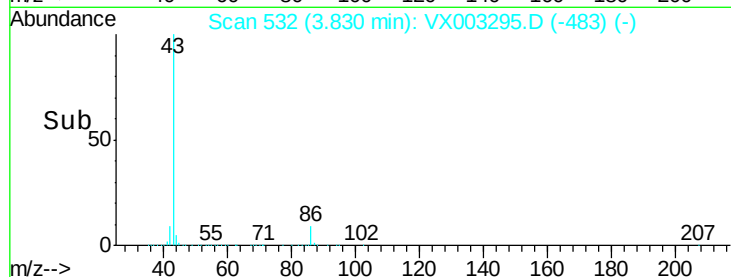
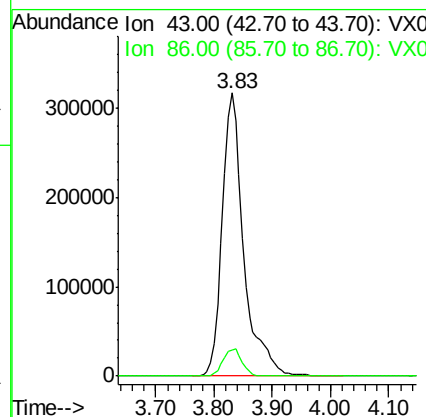
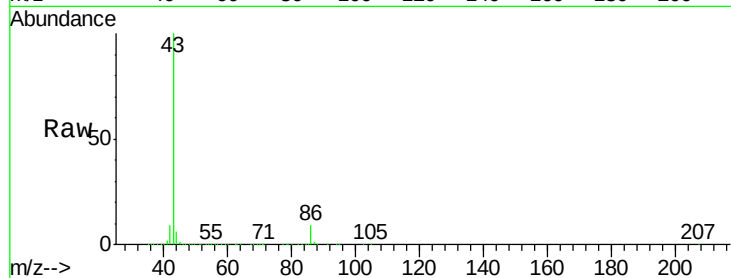




#23
 Vinyl Acetate
 Concen: 95.71 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

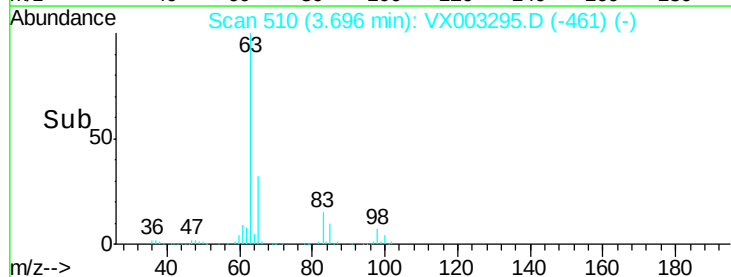
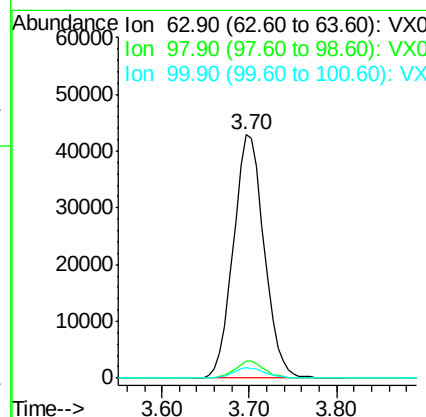
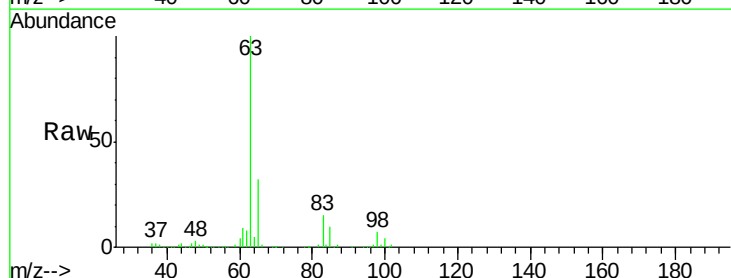
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBSD01

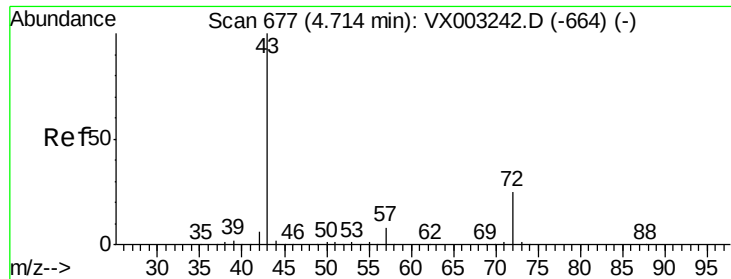
Tot Ion: 43 Resp: 811636
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 20.22 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

Tgt Ion: 63 Resp: 105104
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.5 2.0 6.0

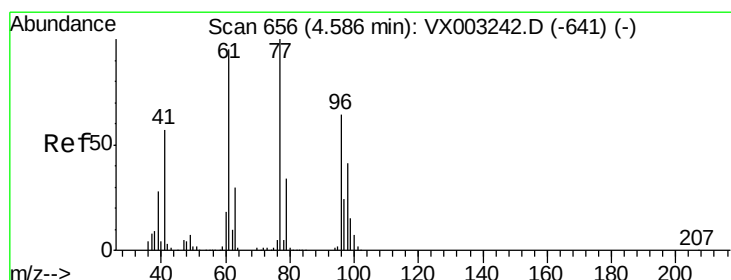
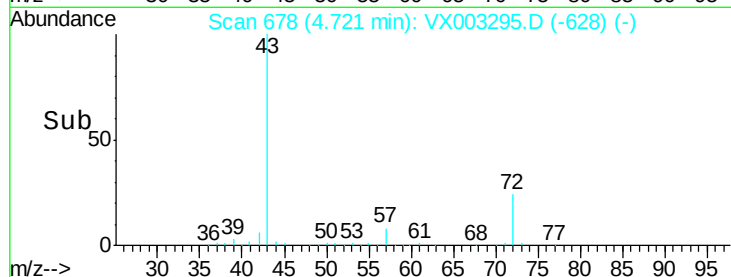
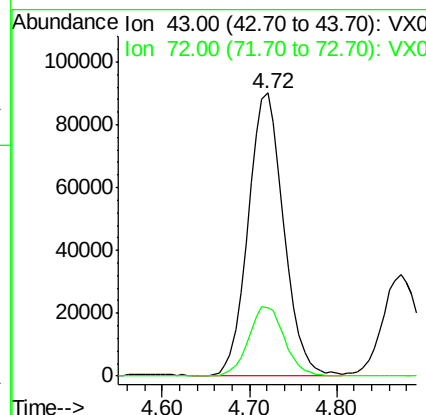
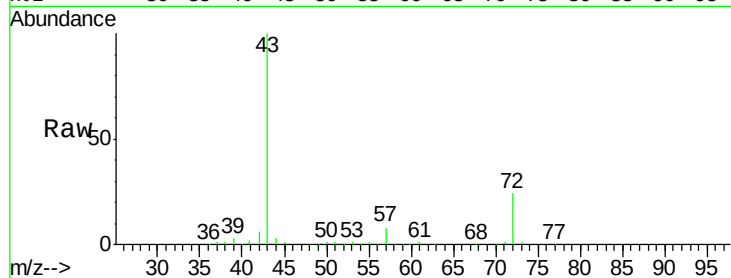




#25
2-Butanone
Concen: 108.80 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

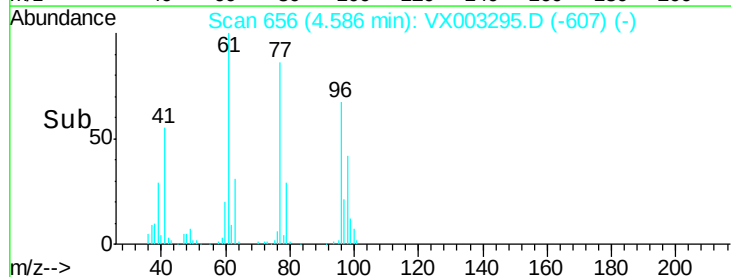
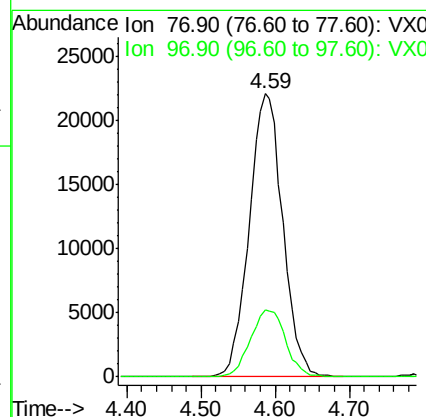
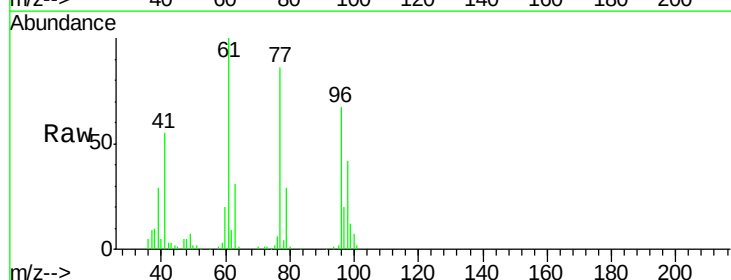
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

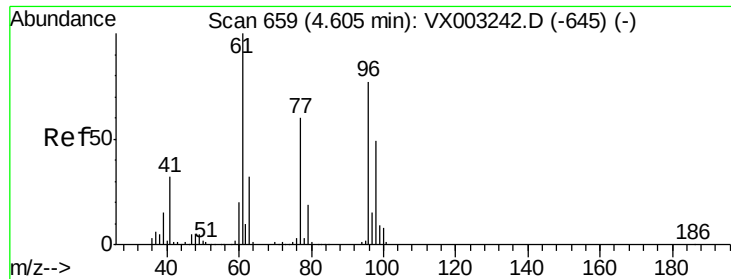
Tot Ion: 43 Resp: 253722
Ion Ratio Lower Upper
43 100
72 24.0 18.5 27.7



#26
2,2-Dichloropropane
Concen: 15.34 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion: 77 Resp: 69737
Ion Ratio Lower Upper
77 100
97 24.6 11.2 33.5

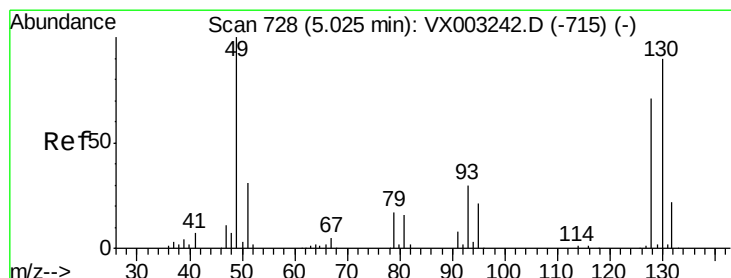
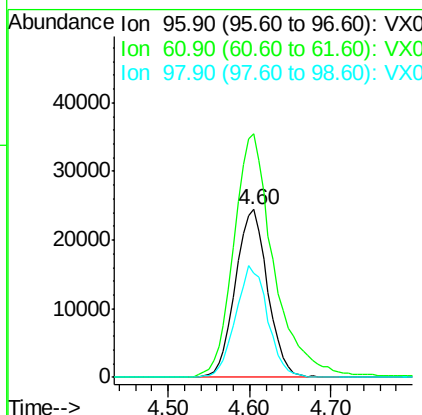
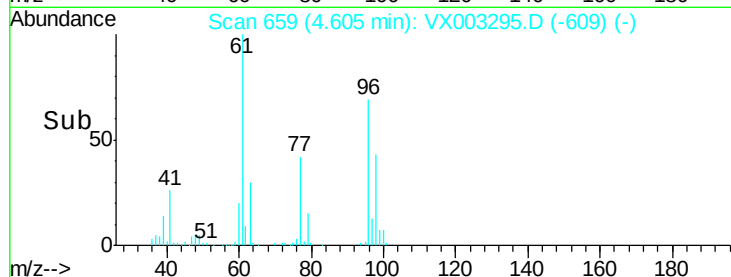
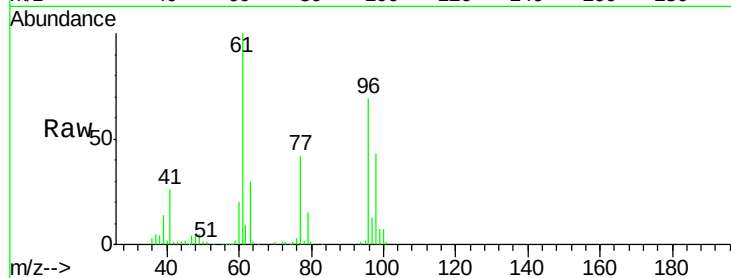




#27
 cis-1,2-Dichloroethene
 Concen: 19.38 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

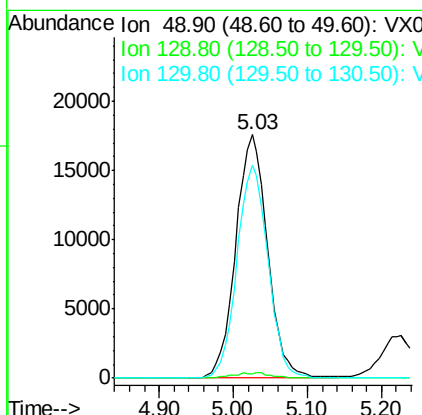
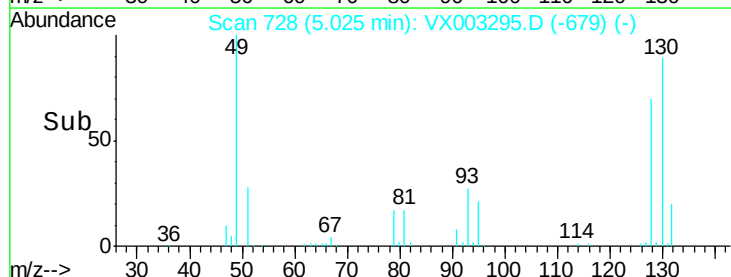
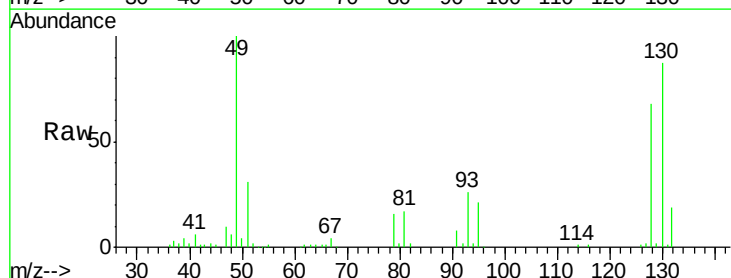
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBSD01

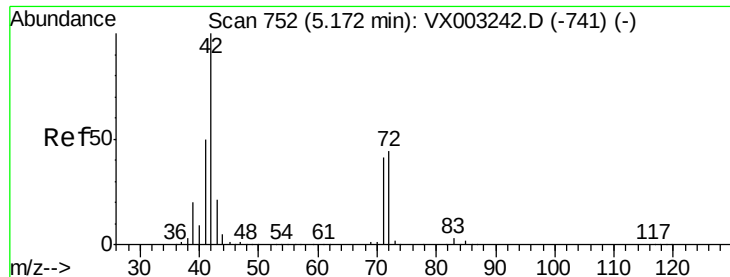
Tot Ion: 96 Resp: 67313
 Ion Ratio Lower Upper
 96 100
 61 180.4 0.0 330.2
 98 65.9 0.0 130.2



#28
 Bromochloromethane
 Concen: 20.12 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

Tgt Ion: 49 Resp: 52699
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 85.3 61.2 91.8





#29

Tetrahydrofuran

Concen: 106.89 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

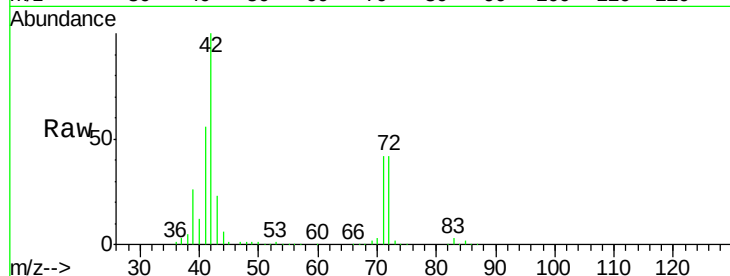
Tot Ion: 42 Resp: 161788

Ion Ratio Lower Upper

42 100

72 41.5 32.0 48.0

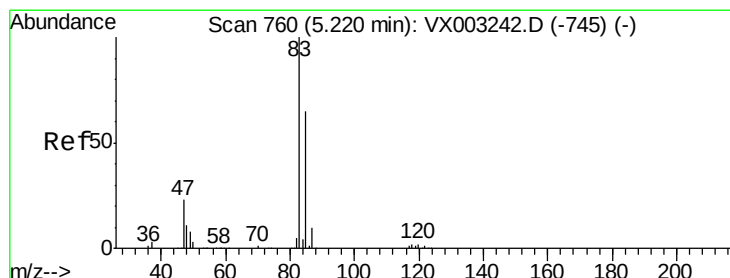
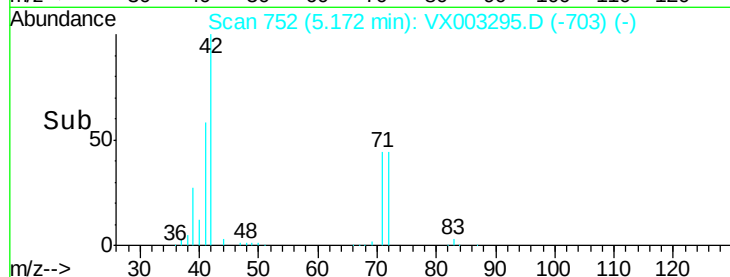
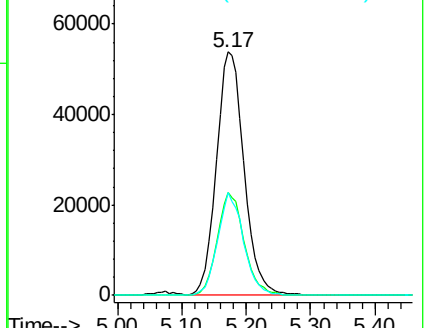
71 39.8 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.43 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003295.D

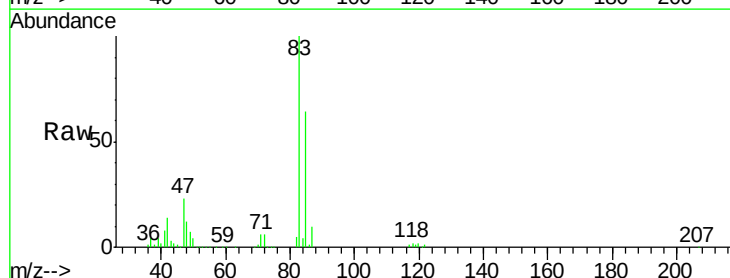
Acq: 10 Jul 2018 20:09

Tgt Ion: 83 Resp: 116840

Ion Ratio Lower Upper

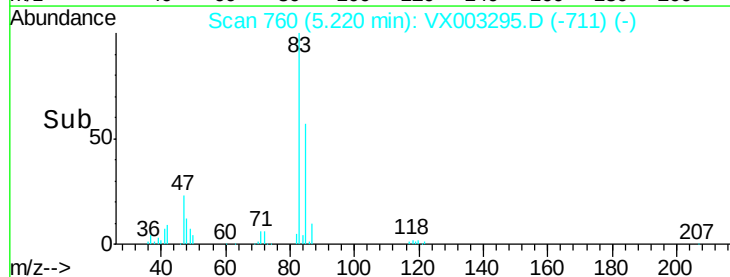
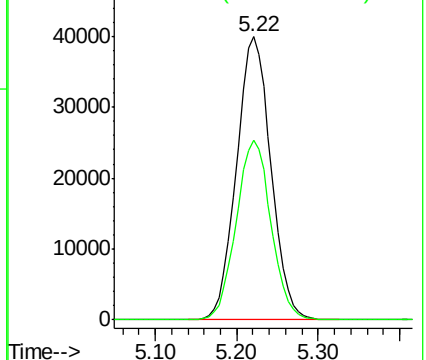
83 100

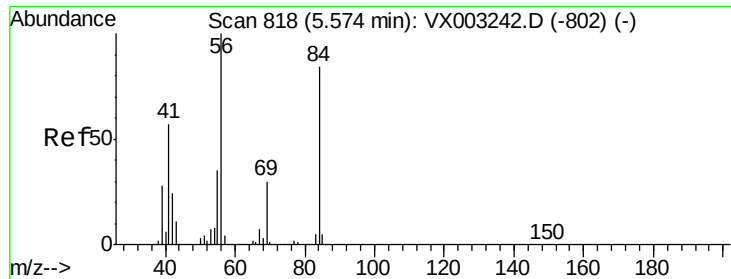
85 63.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

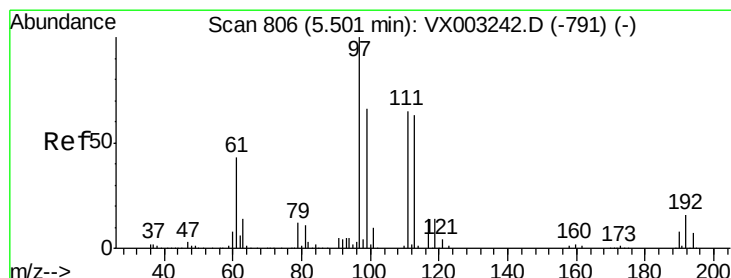
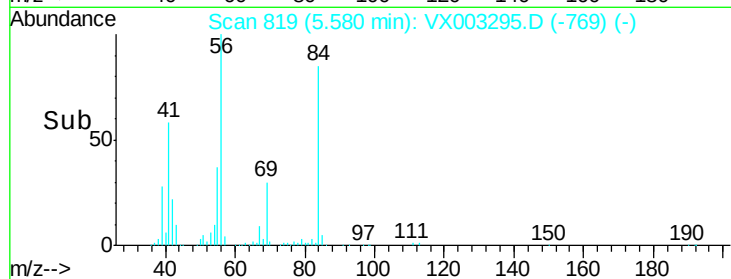
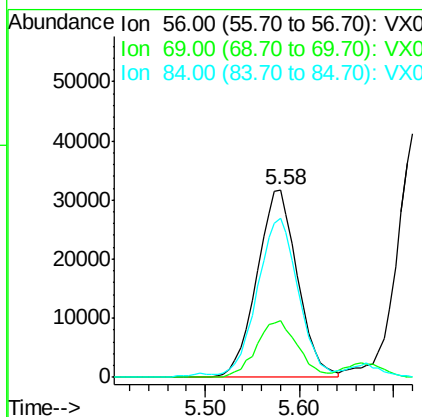
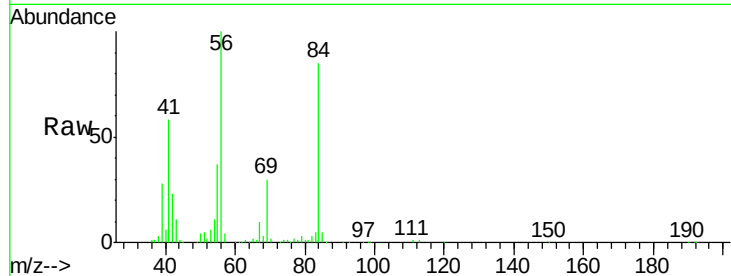




#31
Cyclohexane
Concen: 19.64 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

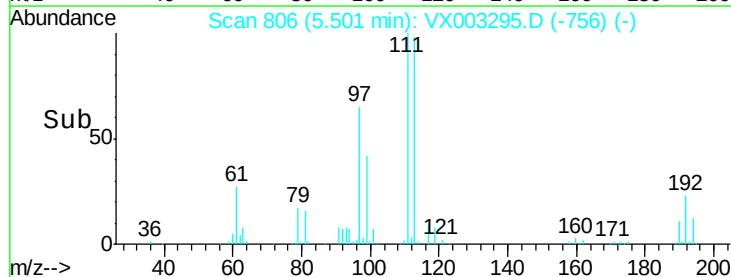
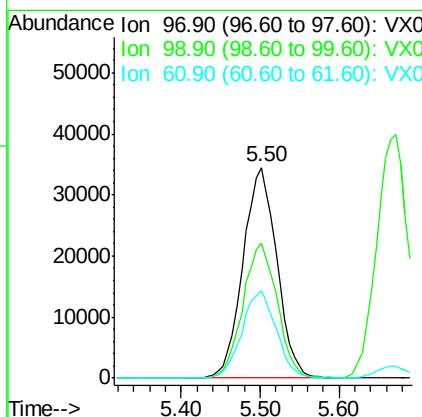
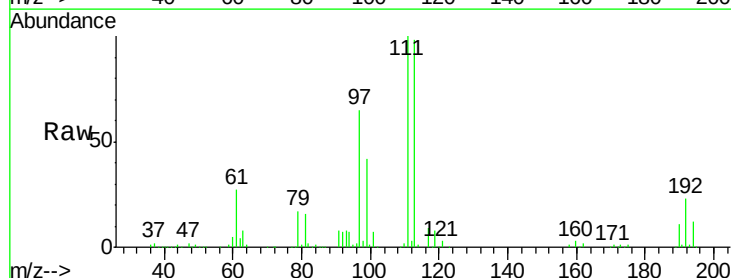
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

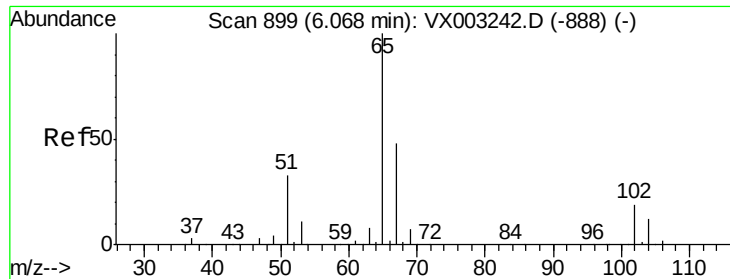
Tot Ion: 56 Resp: 95635
Ion Ratio Lower Upper
56 100
69 30.0 23.7 35.5
84 83.9 64.1 96.1



#32
1,1,1-Trichloroethane
Concen: 20.40 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion: 97 Resp: 102896
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 42.3 36.4 54.6

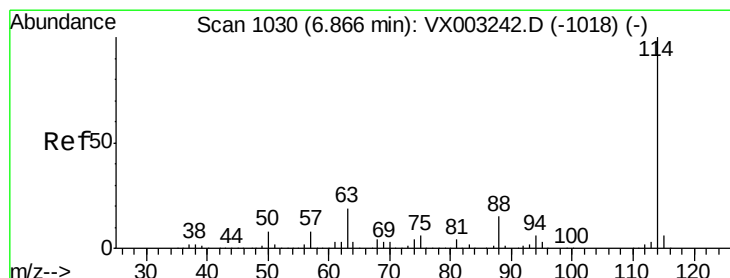
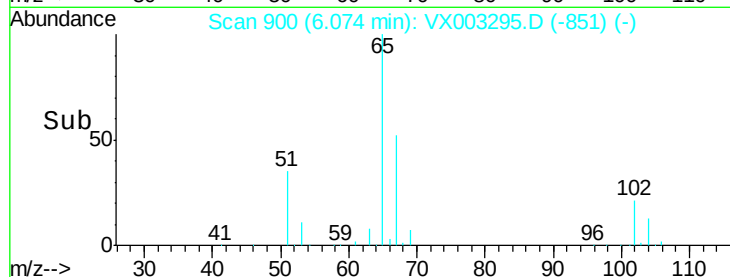
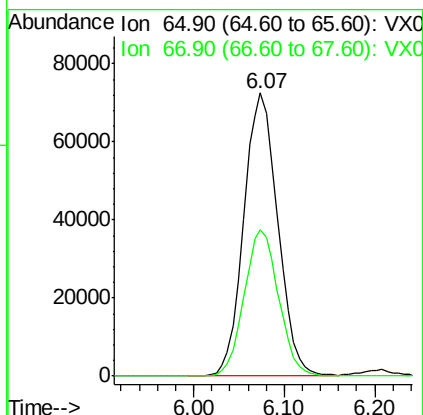
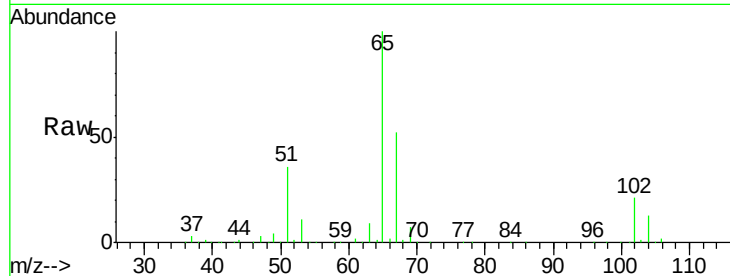




#33
 1,2-Dichloroethane-d4
 Concen: 50.69 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

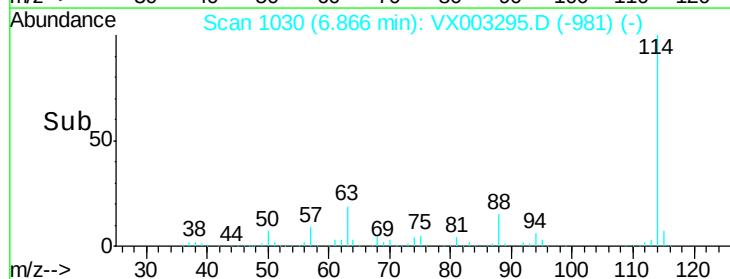
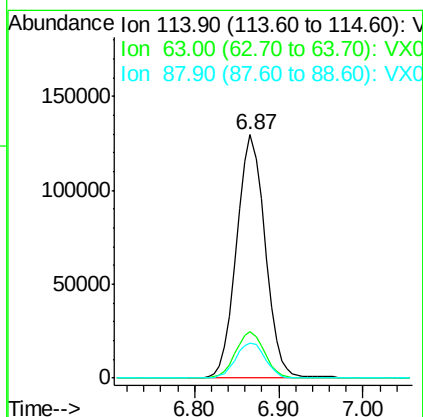
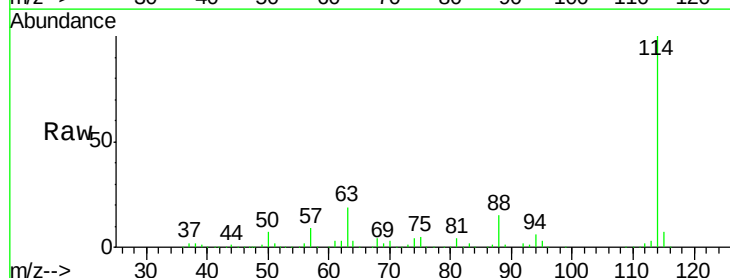
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBSD01

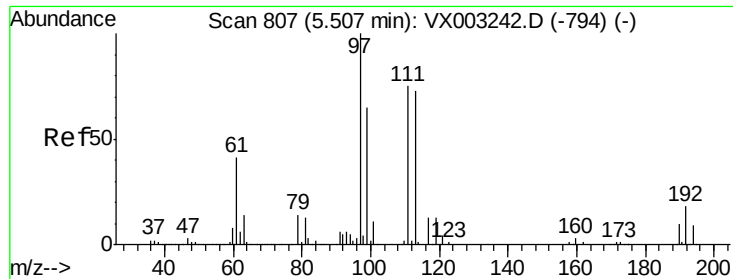
Tot Ion: 65 Resp: 188182
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

Tgt Ion: 114 Resp: 296421
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.4
 88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.79 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

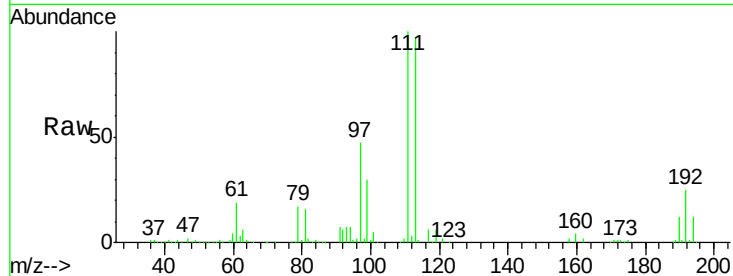
Tot Ion:113 Resp: 158555

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

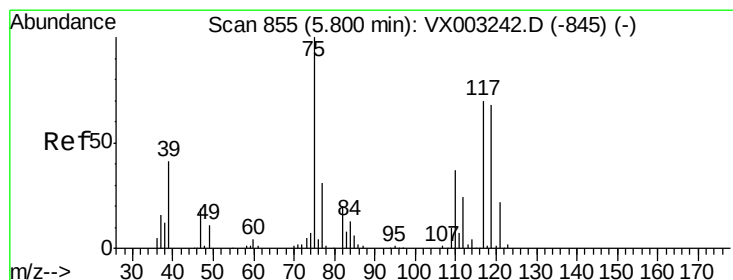
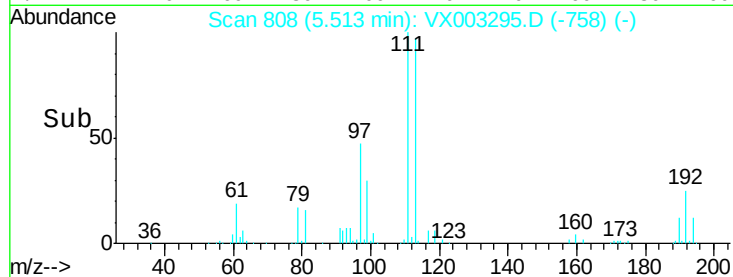
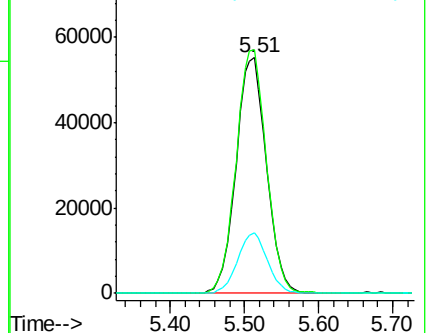
192 25.1 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.26 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

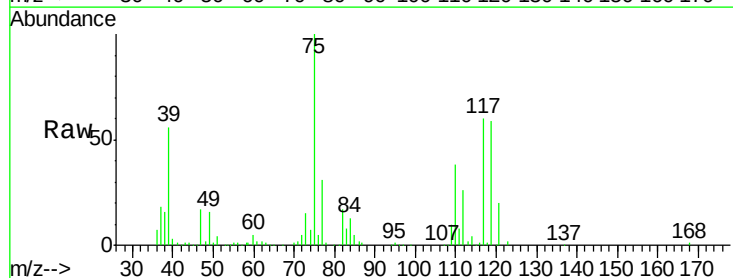
Tgt Ion: 75 Resp: 80804

Ion Ratio Lower Upper

75 100

110 38.7 18.1 54.4

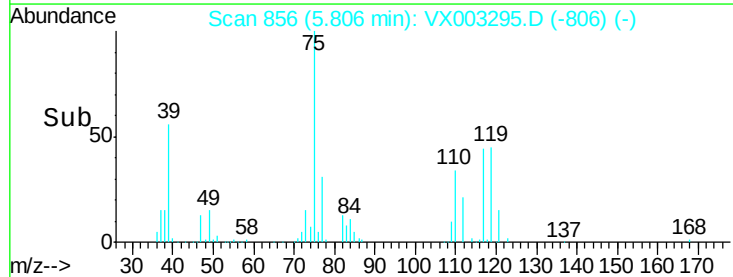
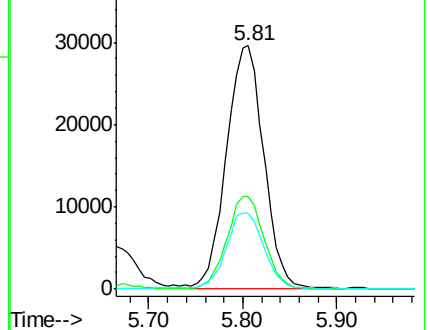
77 31.6 24.3 36.5

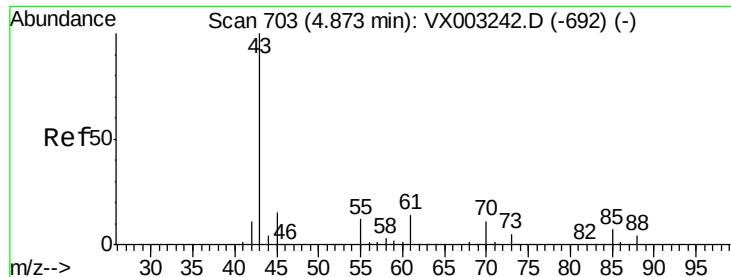


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

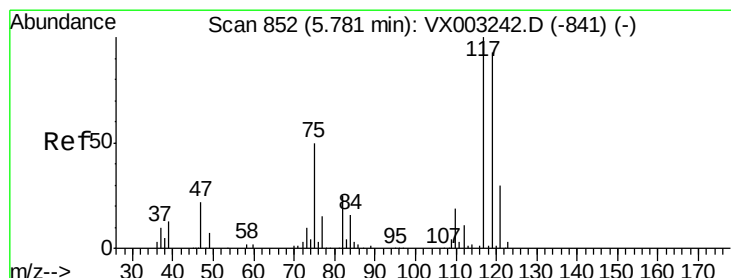
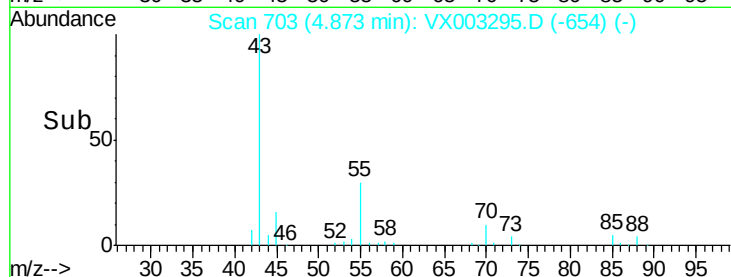
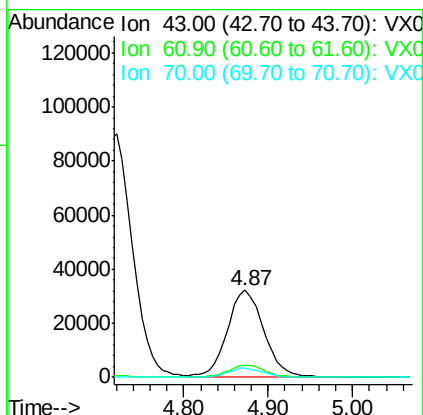
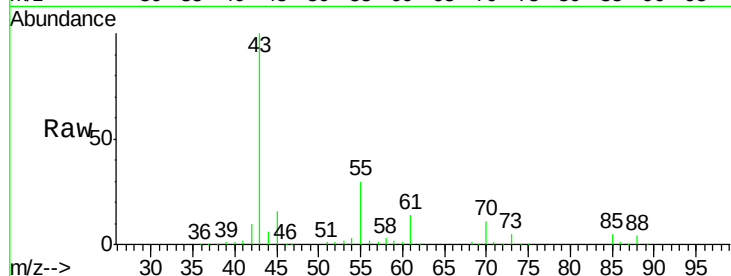




#37
Ethyl Acetate
Concen: 20.43 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

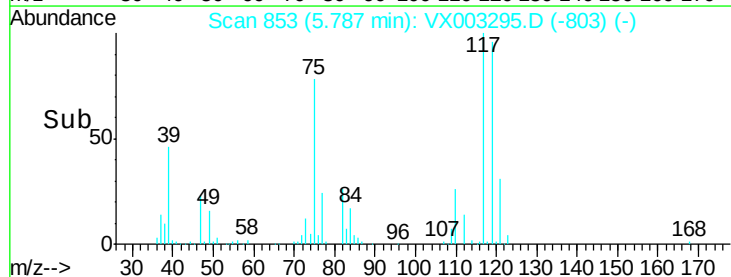
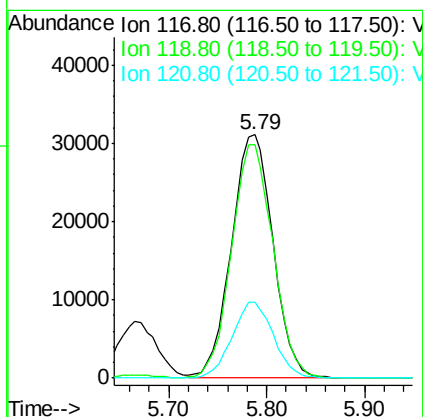
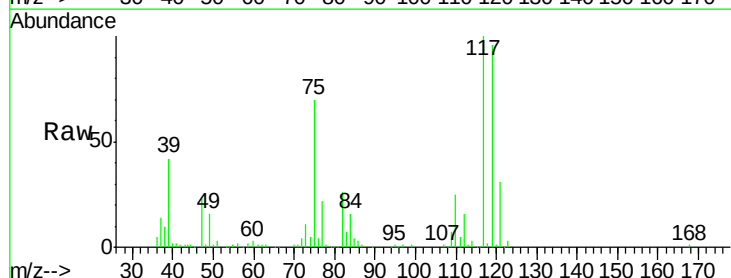
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

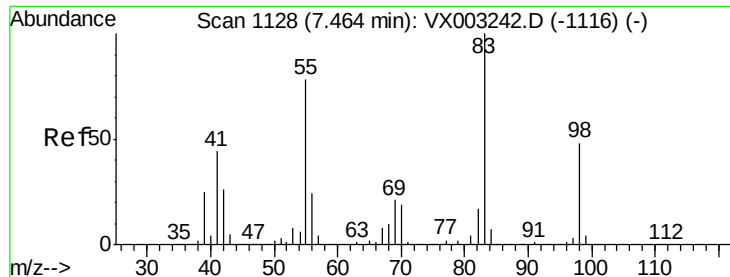
Tot Ion: 43 Resp: 93963
Ion Ratio Lower Upper
43 100
61 14.2 10.4 15.6
70 10.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 20.08 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion: 117 Resp: 92187
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
121 31.4 24.4 36.6

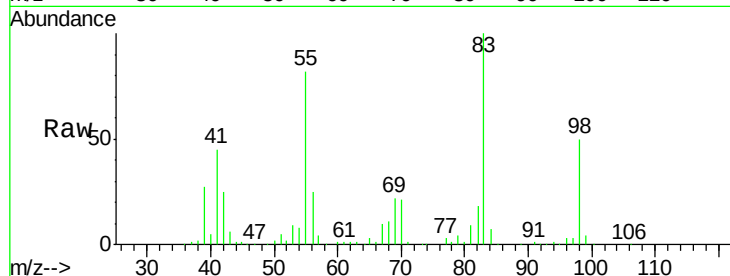




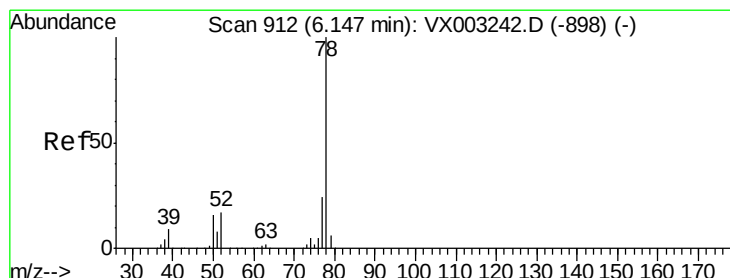
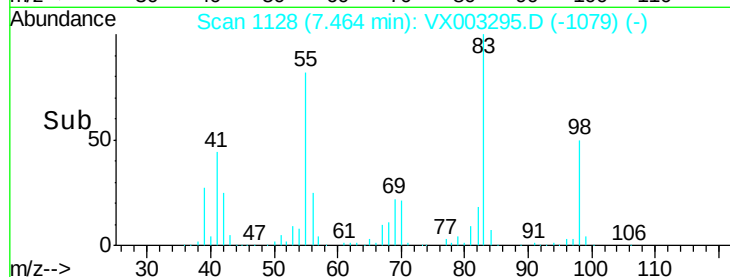
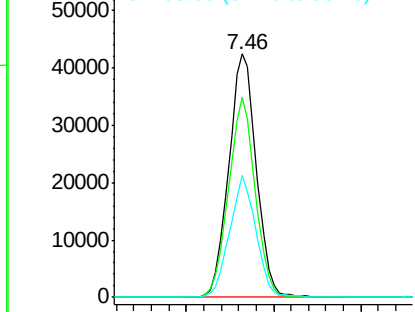
#39
Methylvlcyclohexane
Concen: 18.80 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

Tot Ion: 83 Resp: 92922
Ion Ratio Lower Upper
83 100
55 82.2 65.4 98.0
98 49.9 37.4 56.0

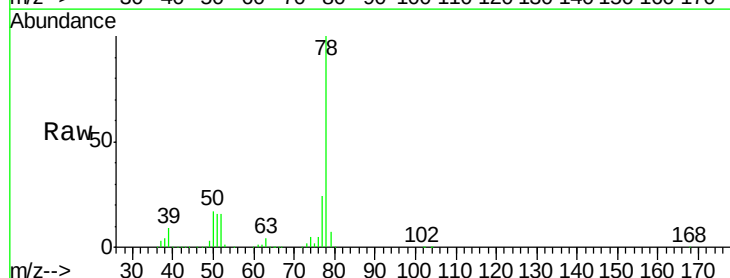


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

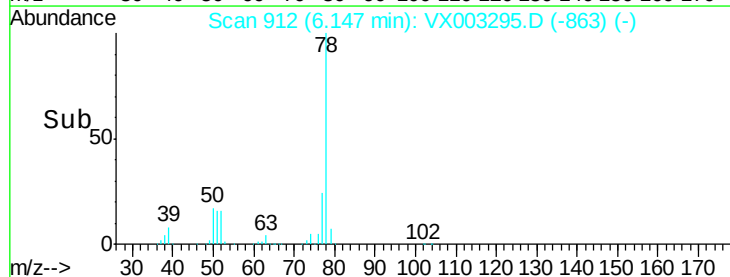
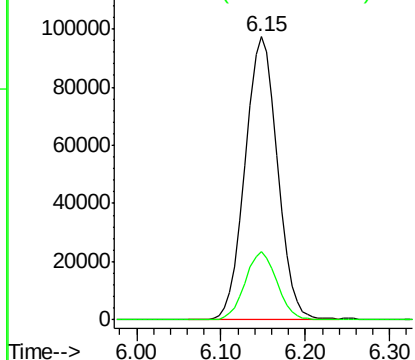


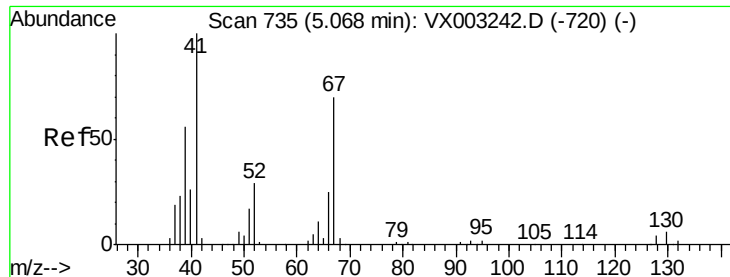
#40
Benzene
Concen: 20.45 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion: 78 Resp: 254293
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

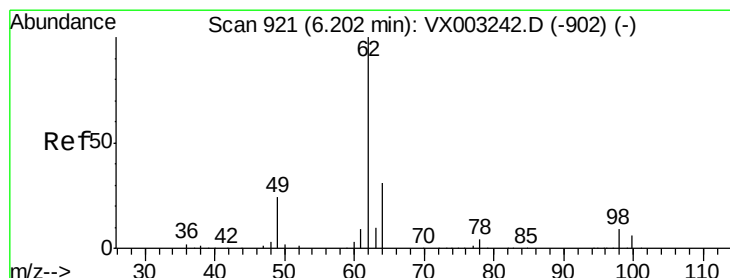
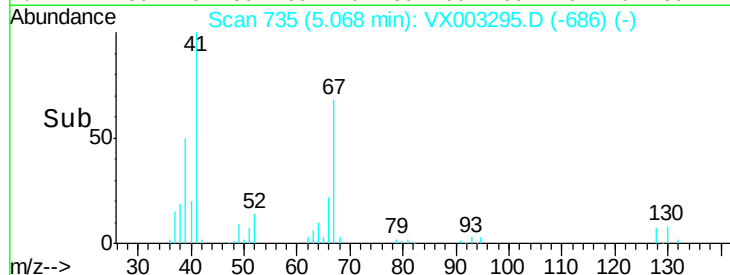
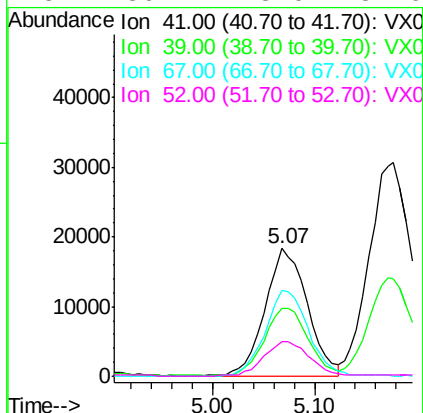
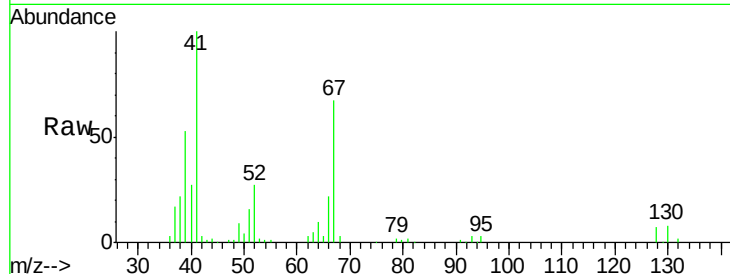




#41
Methacrylonitrile
Concen: 20.81 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

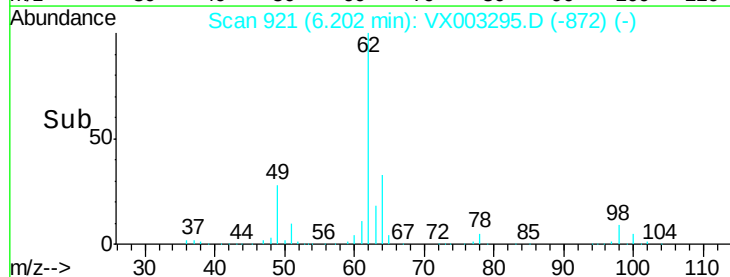
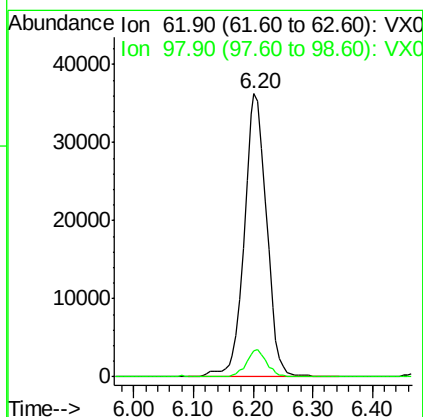
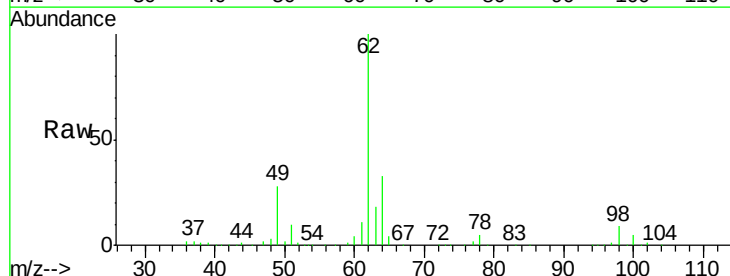
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

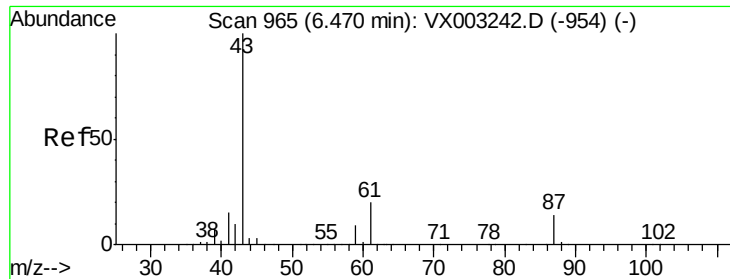
Tot Ion:	41	Resp:	52398
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.8	68.6
67	69.3	51.3	76.9
52	30.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.43 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion:	62	Resp:	94917
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.6





#43

Isopropyl Acetate

Concen: 20.27 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

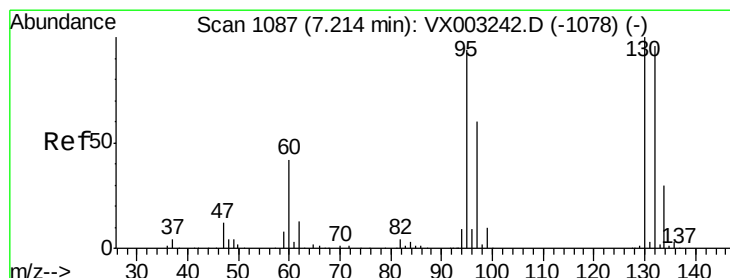
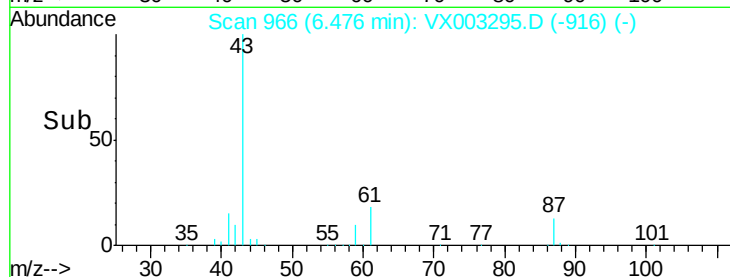
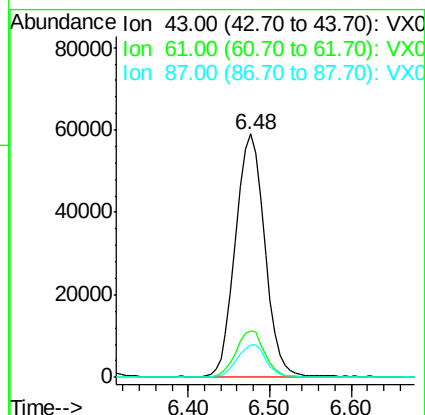
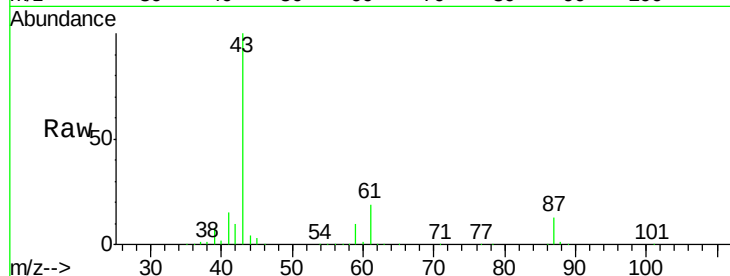
Tot Ion: 43 Resp: 146398

Ion Ratio Lower Upper

43 100

61 18.9 14.4 21.6

87 13.4 9.5 14.3



#44

Trichloroethene

Concen: 20.46 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003295.D

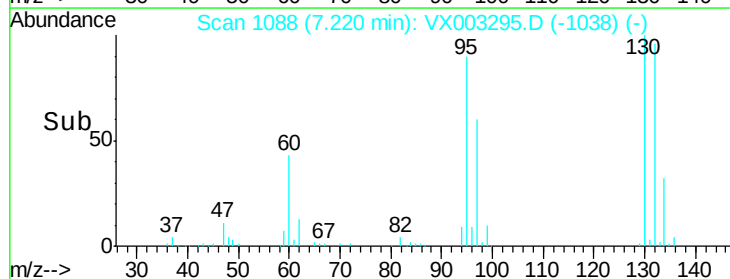
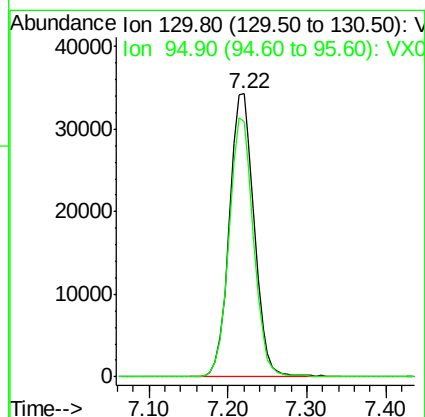
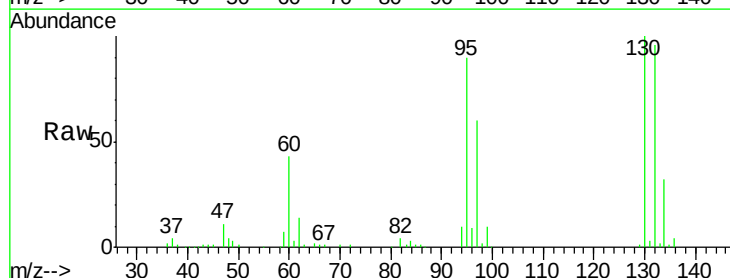
Acq: 10 Jul 2018 20:09

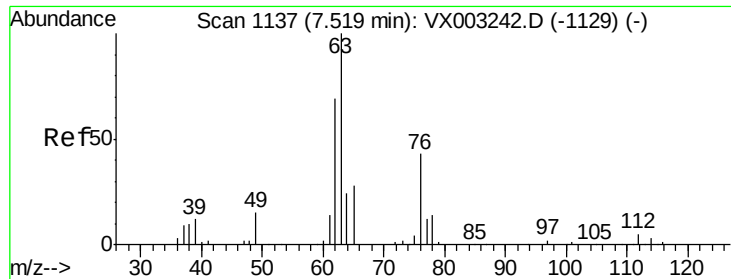
Tgt Ion:130 Resp: 75218

Ion Ratio Lower Upper

130 100

95 90.2 0.0 185.4

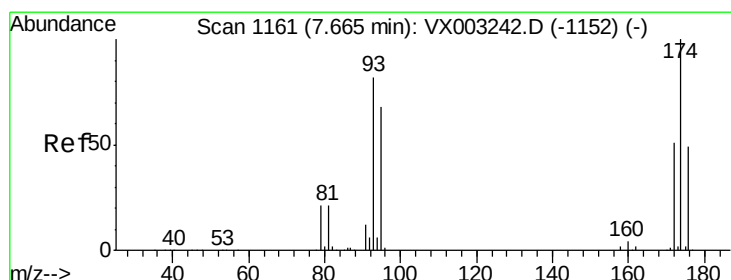
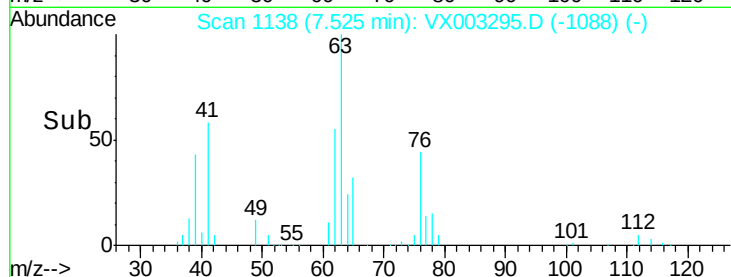
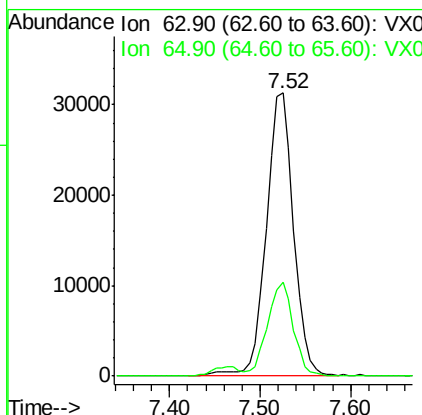
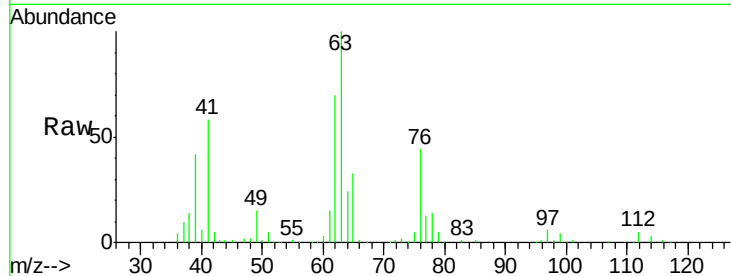




#45
 1,2-Dichloropropane
 Concen: 20.11 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

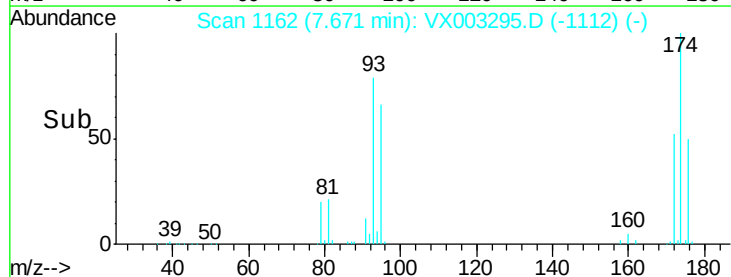
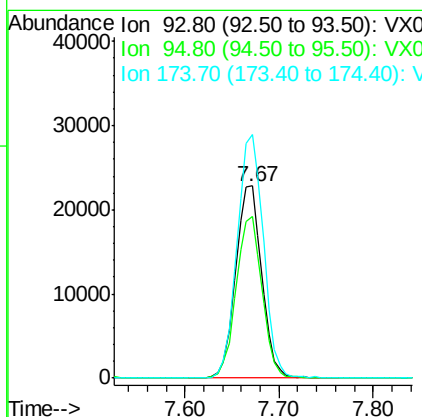
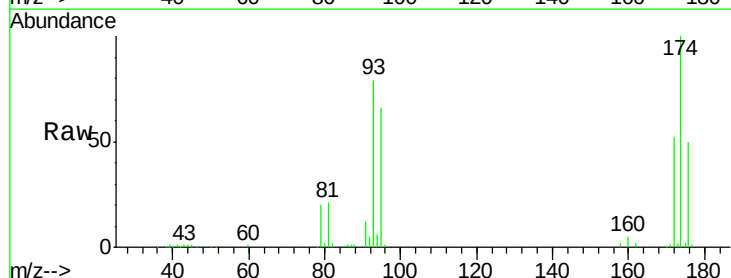
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBSD01

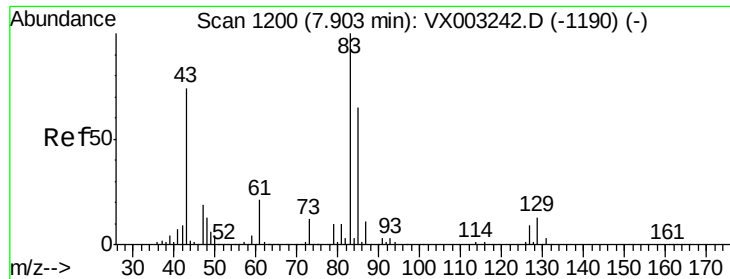
Tot Ion: 63 Resp: 65022
 Ion Ratio Lower Upper
 63 100
 65 33.3 24.7 37.1



#46
 Dibromomethane
 Concen: 20.00 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

Tgt Ion: 93 Resp: 44069
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.9 98.9
 174 127.5 92.4 138.6





#47

Bromodichloromethane

Concen: 20.36 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

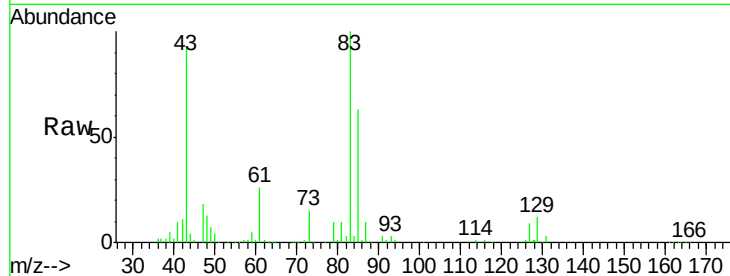
Tot Ion: 83 Resp: 82767

Ion Ratio Lower Upper

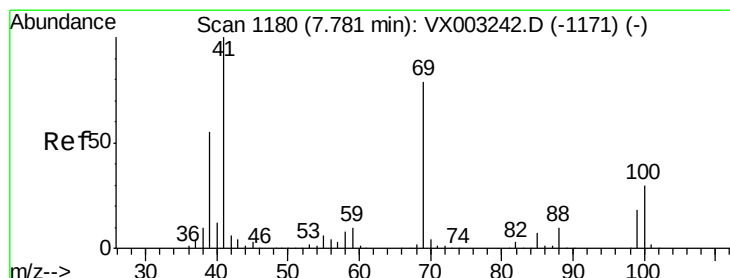
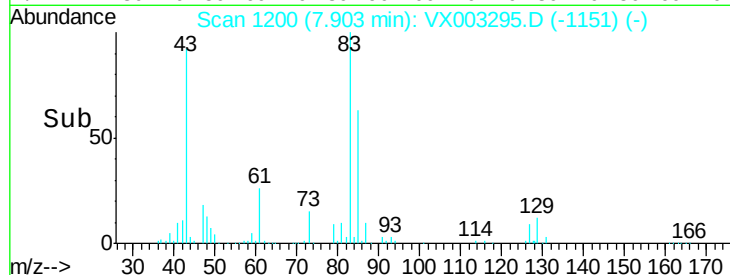
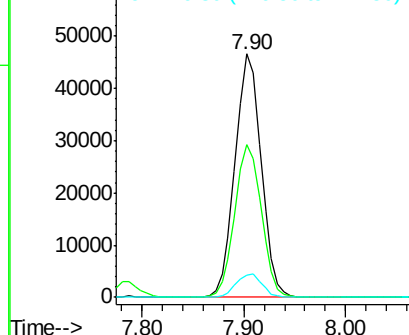
83 100

85 63.0 50.3 75.5

127 9.0 7.0 10.4



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



#48

Methyl methacrylate

Concen: 20.97 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

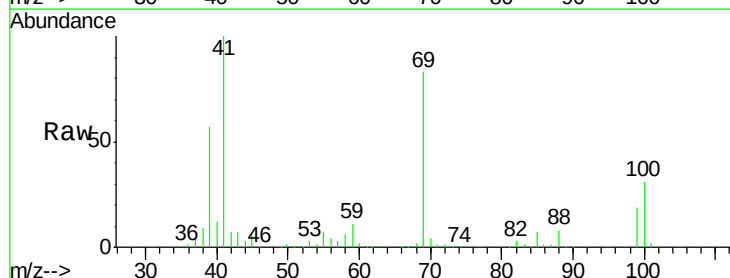
Tgt Ion: 41 Resp: 77679

Ion Ratio Lower Upper

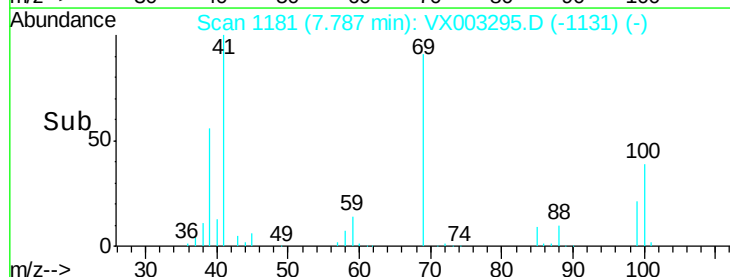
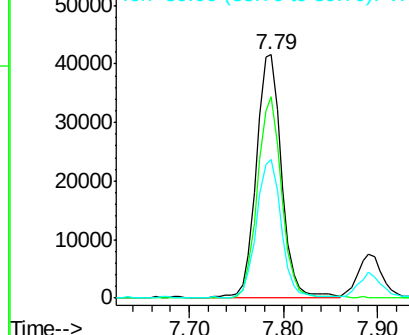
41 100

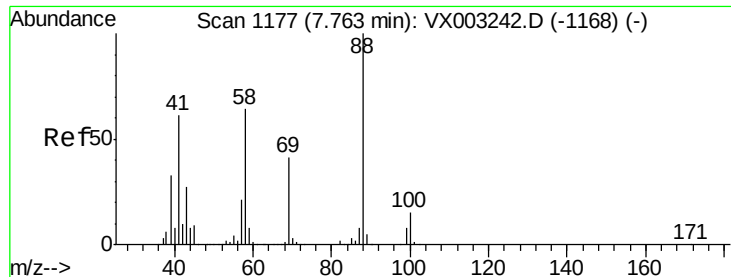
69 79.5 59.1 88.7

39 56.1 48.9 73.3



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

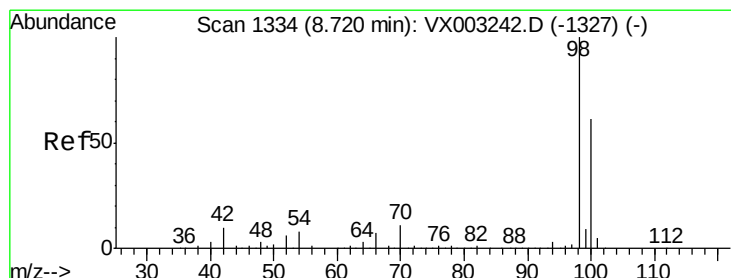
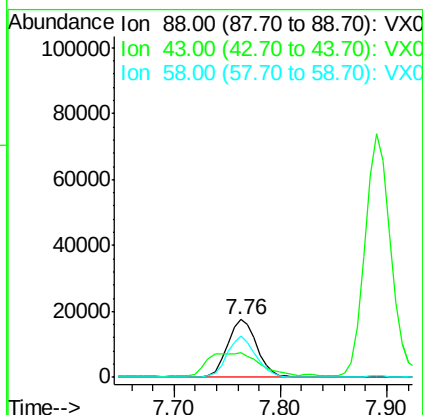
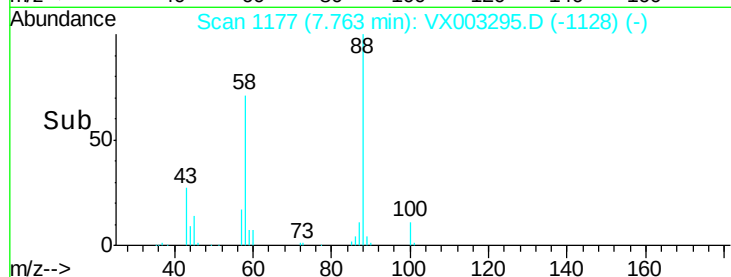
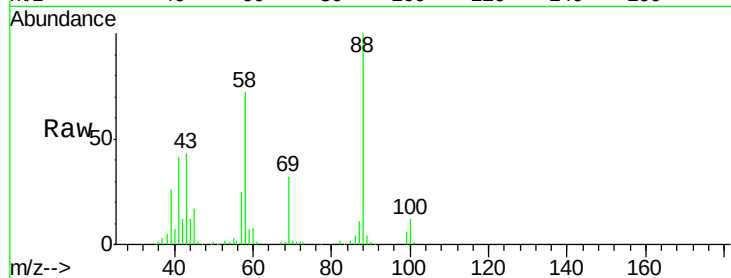




#49
1,4-Dioxane
Concen: 436.65 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

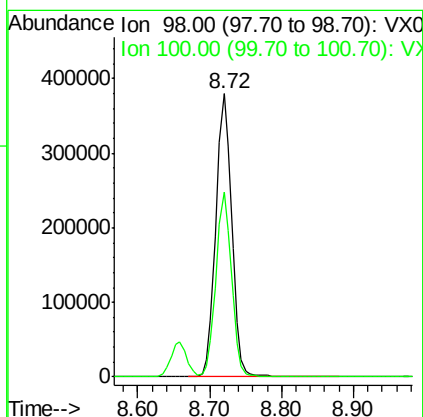
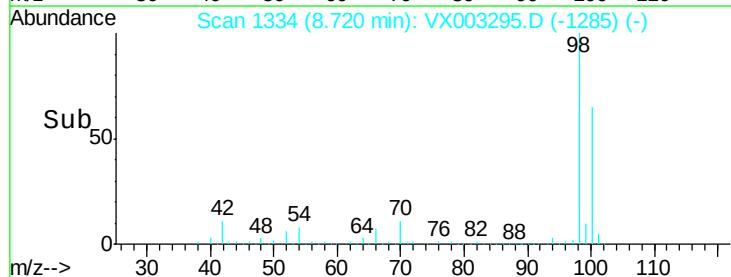
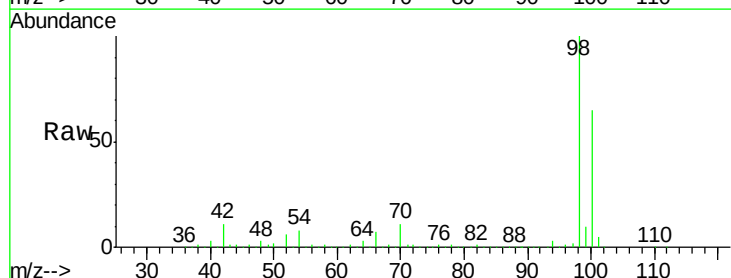
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

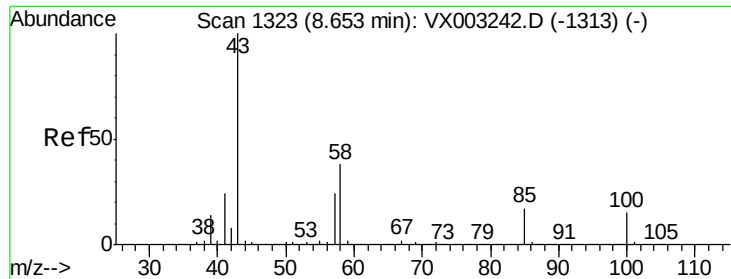
Tot Ion: 88 Resp: 33825
Ion Ratio Lower Upper
88 100
43 70.8 29.8 44.6#
58 70.1 57.1 85.7



#50
Toluene-d8
Concen: 51.36 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion: 98 Resp: 580938
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3

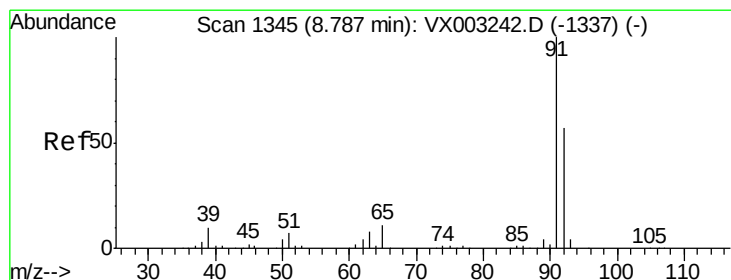
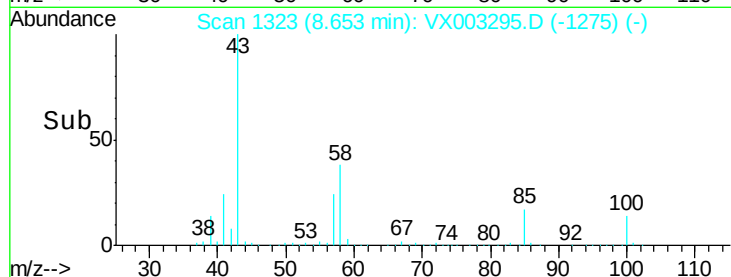
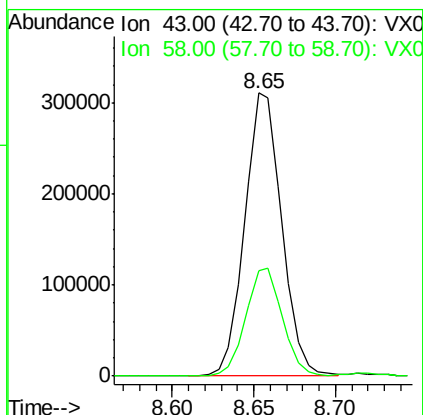
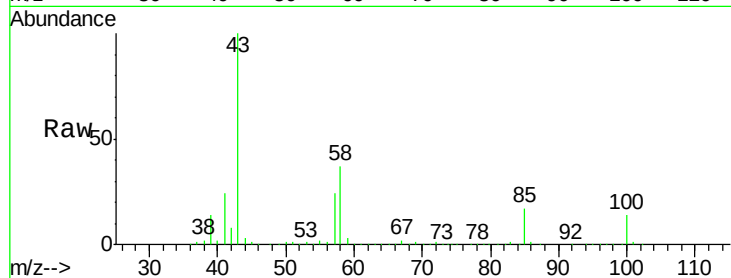




#51
 4-Methyl-2-Pentanone
 Concen: 108.82 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

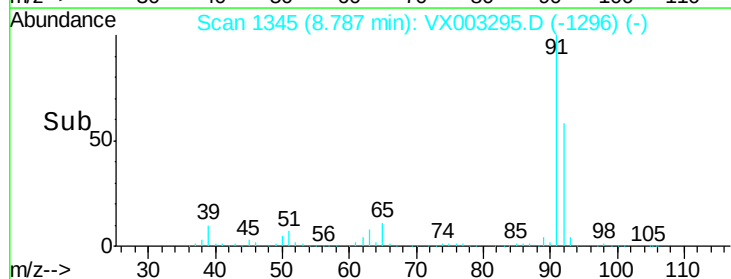
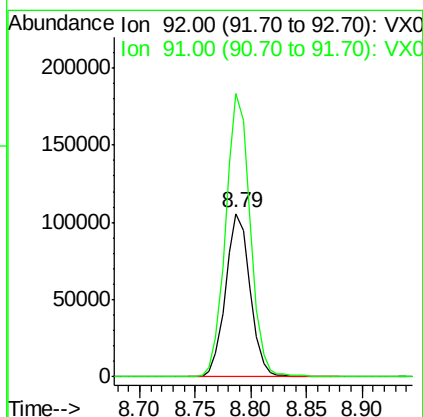
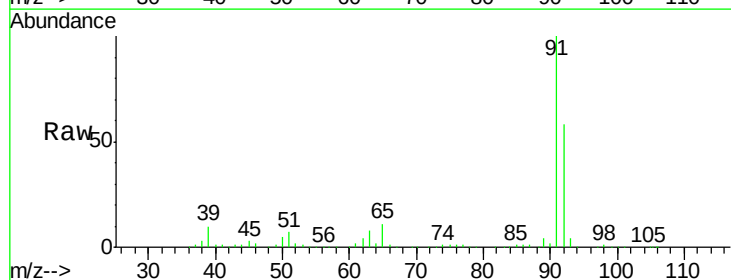
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBSD01

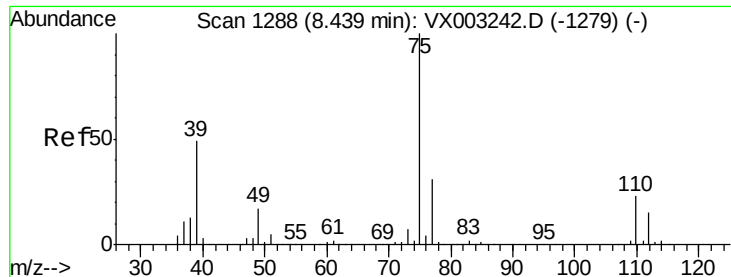
Tot Ion: 43 Resp: 489388
 Ion Ratio Lower Upper
 43 100
 58 37.8 28.6 42.8



#52
 Toluene
 Concen: 20.56 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

Tgt Ion: 92 Resp: 161595
 Ion Ratio Lower Upper
 92 100
 91 173.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.11 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

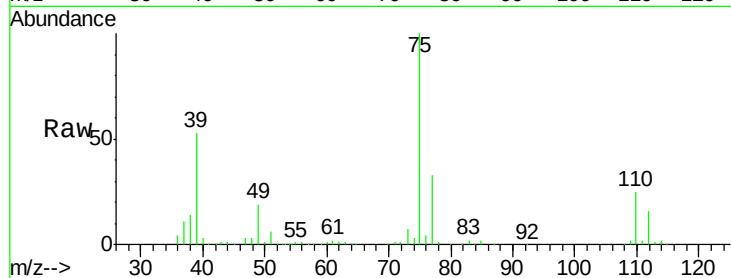
VX0710MBSD01

Tot Ion: 75 Resp: 91448

Ion Ratio Lower Upper

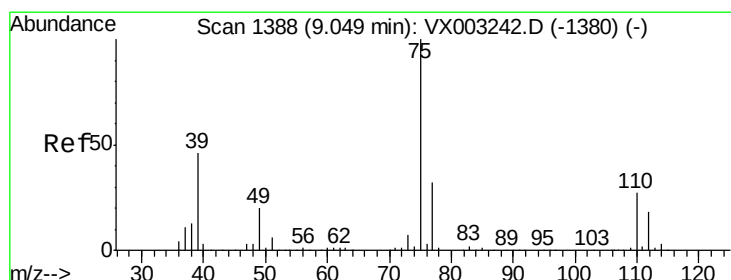
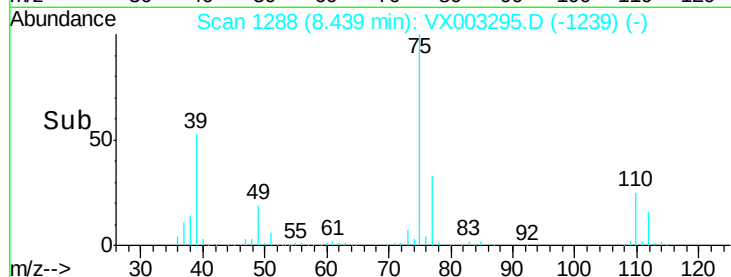
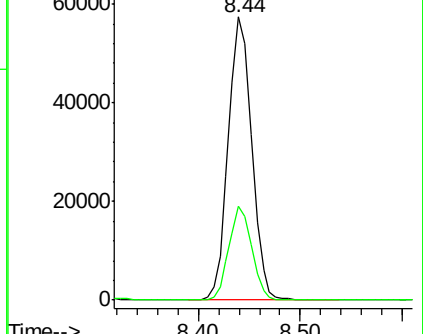
75 100

77 33.0 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: 19.20 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

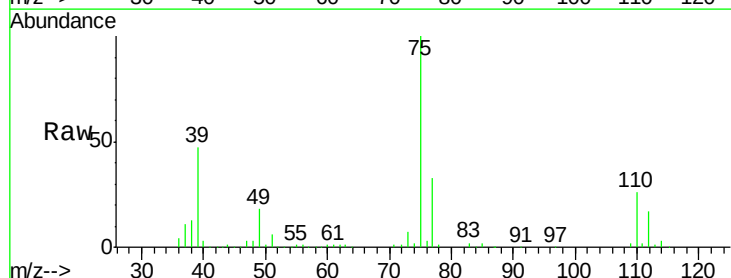
Tgt Ion: 75 Resp: 83595

Ion Ratio Lower Upper

75 100

77 33.1 24.8 37.2

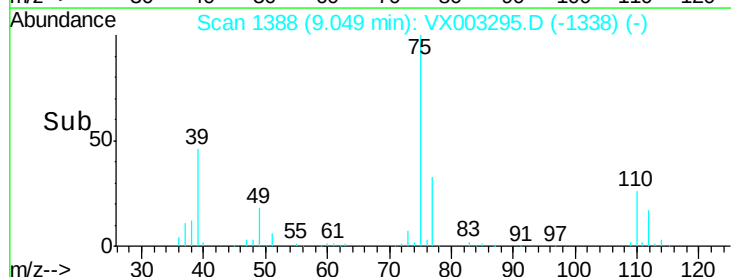
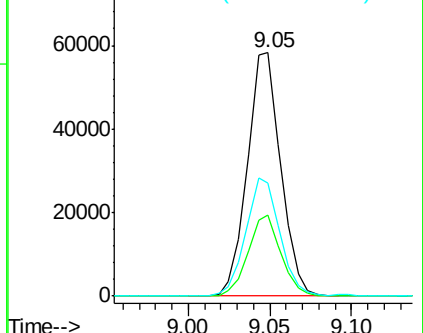
39 46.4 42.4 63.6

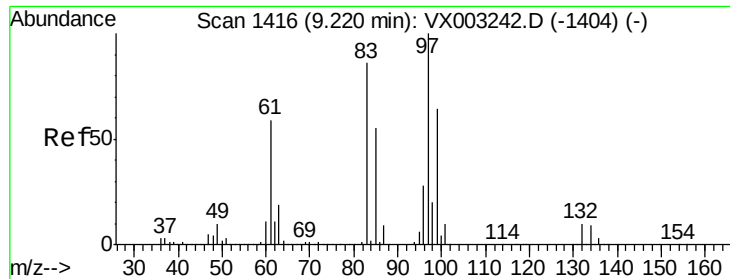


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.45 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampled :

VX0710MBSD01

Tot Ion: 97 Resp: 66698

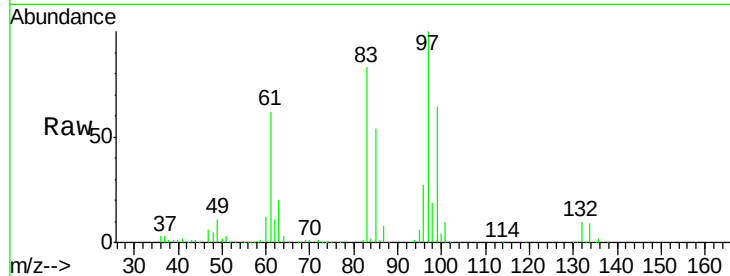
Ion Ratio Lower Upper

97 100

83 83.5 70.2 105.2

85 54.4 44.9 67.3

99 64.0 49.8 74.8

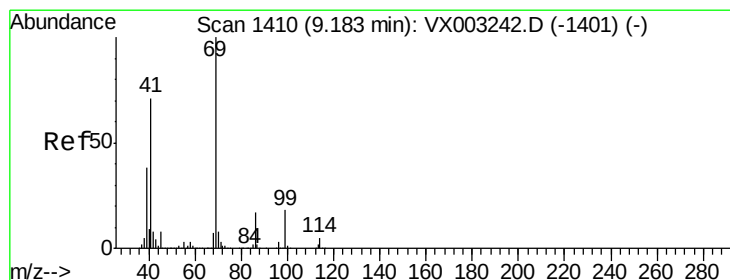
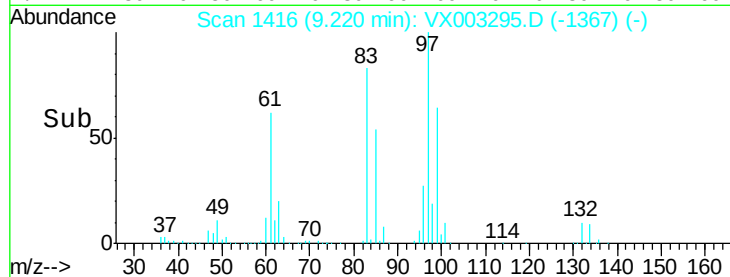
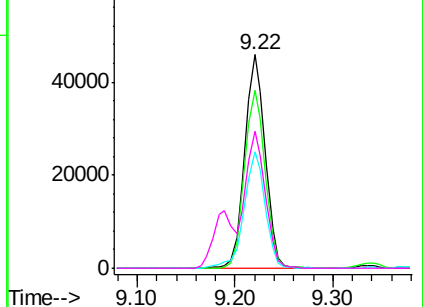


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.47 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

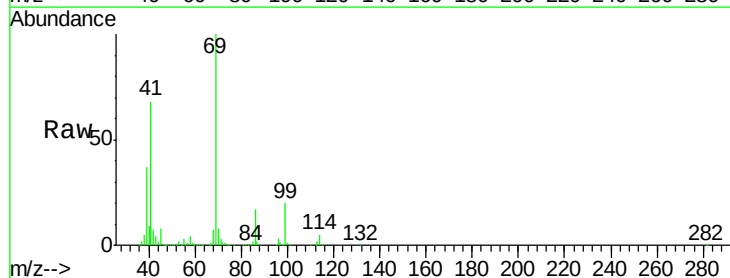
Tgt Ion: 69 Resp: 91437

Ion Ratio Lower Upper

69 100

41 69.6 60.3 90.5

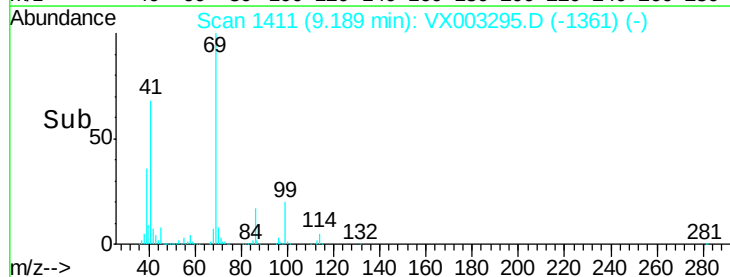
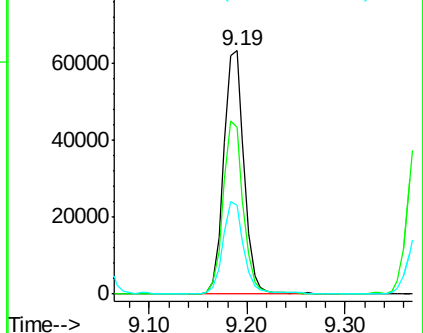
39 38.7 35.8 53.8

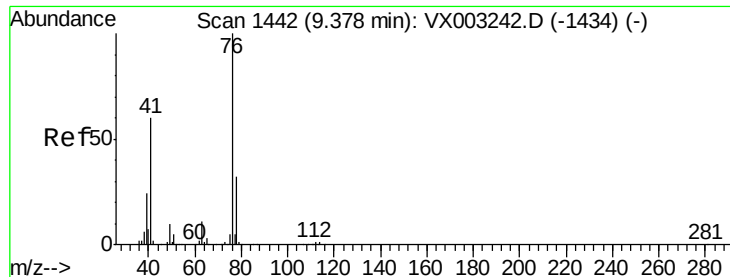


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.16 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

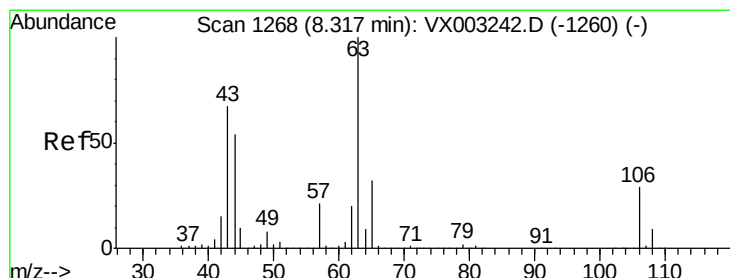
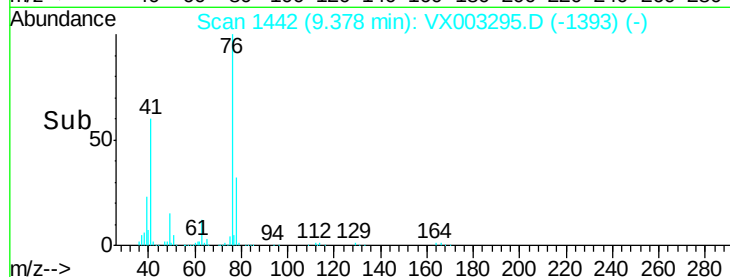
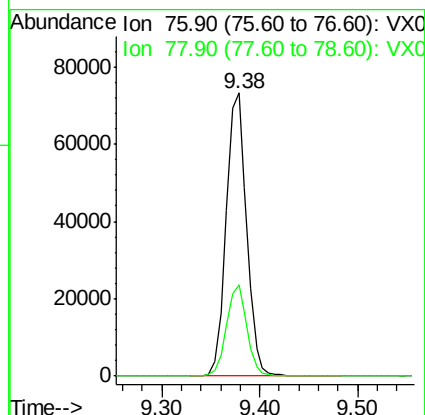
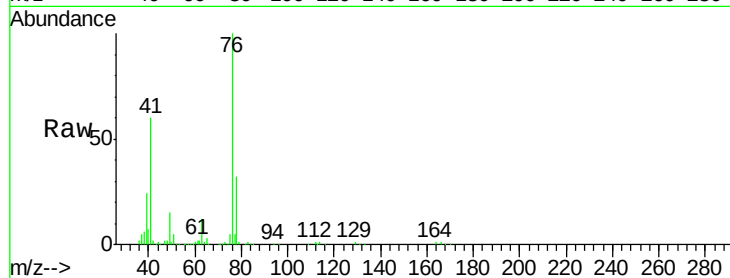
VX0710MBSD01

Tot Ion: 76 Resp: 105898

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 126.08 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003295.D

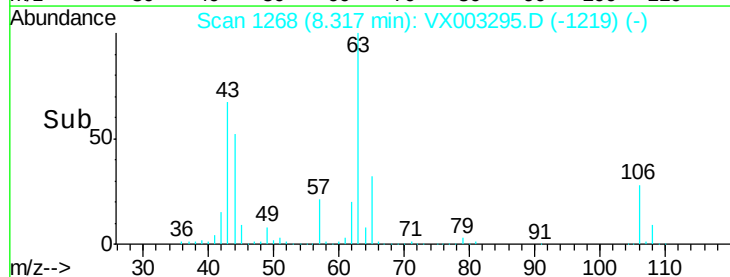
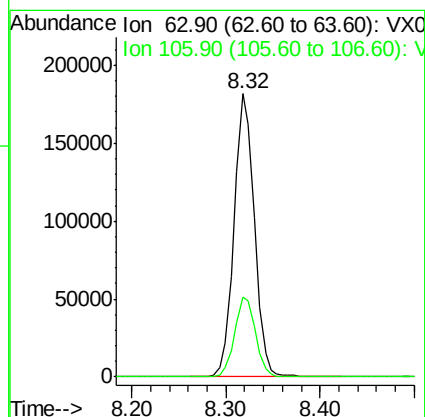
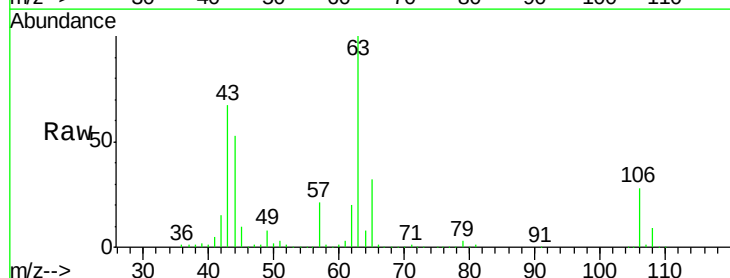
Acq: 10 Jul 2018 20:09

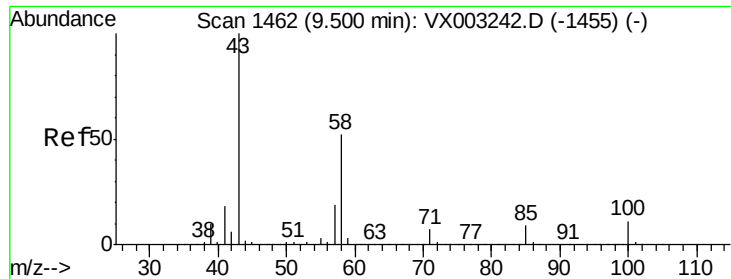
Tgt Ion: 63 Resp: 271648

Ion Ratio Lower Upper

63 100

106 29.0 21.8 32.8

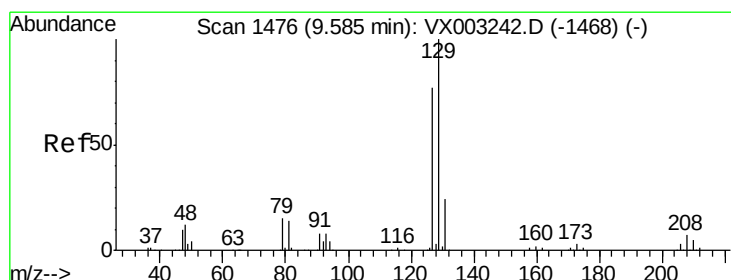
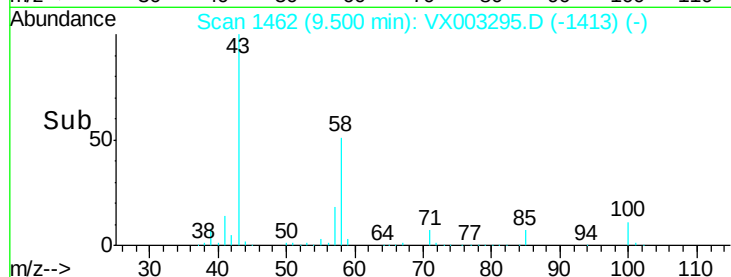
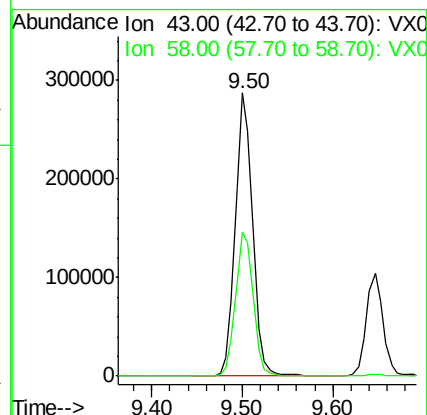
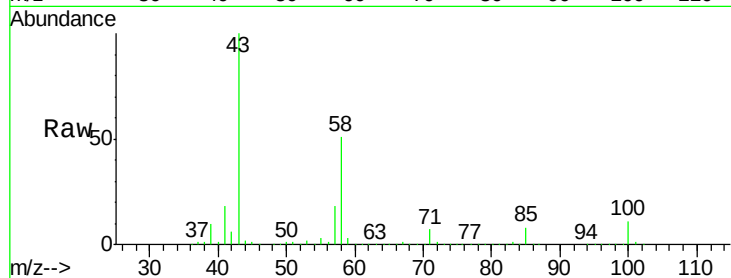




#59
2-Hexanone
Concen: 111.44 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

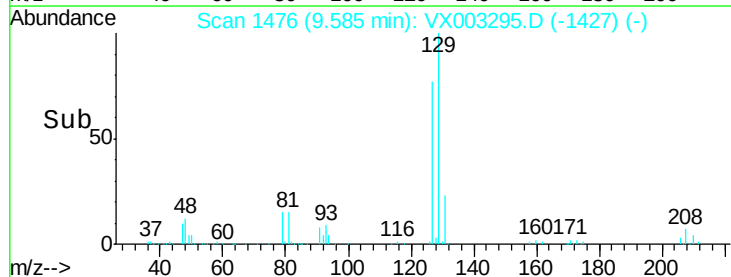
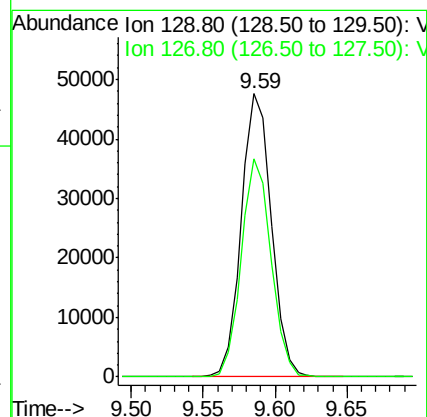
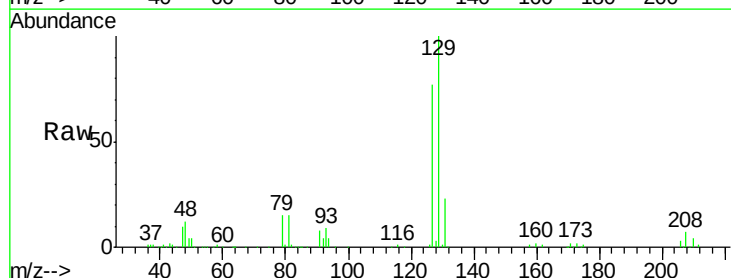
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

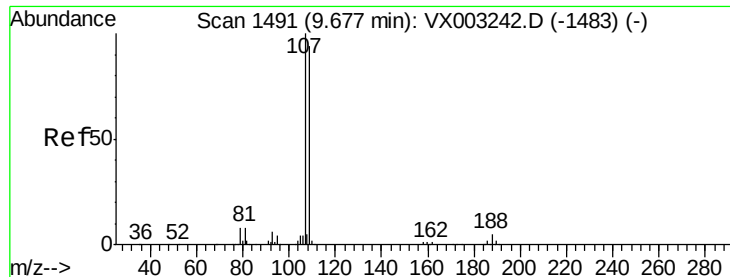
Tot Ion: 43 Resp: 380653
Ion Ratio Lower Upper
43 100
58 51.9 24.6 73.6



#60
Dibromochloromethane
Concen: 20.29 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion:129 Resp: 69078
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.78 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

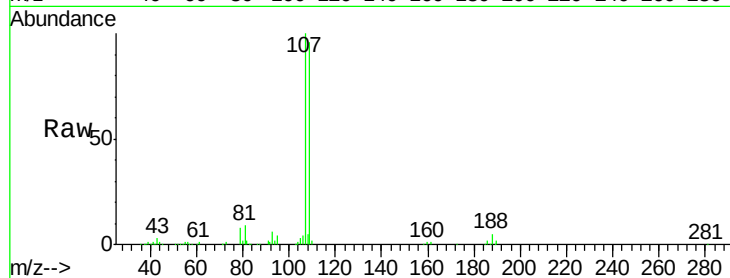
VX0710MBSD01

Tot Ion:107 Resp: 71033

Ion Ratio Lower Upper

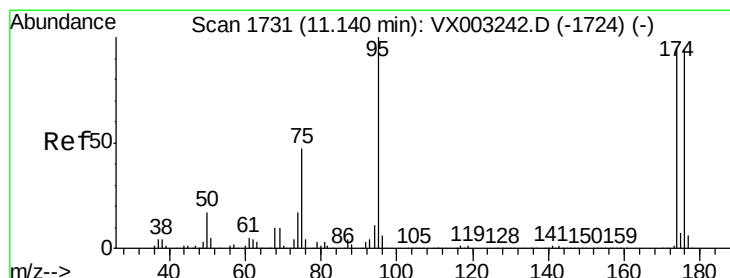
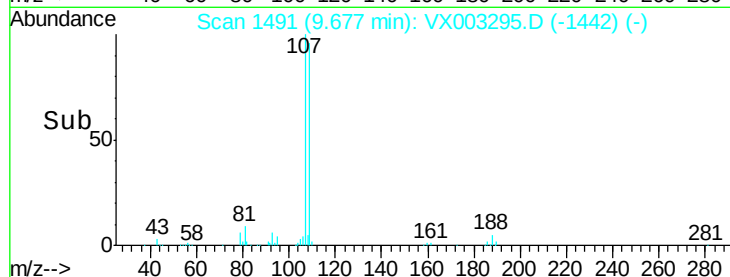
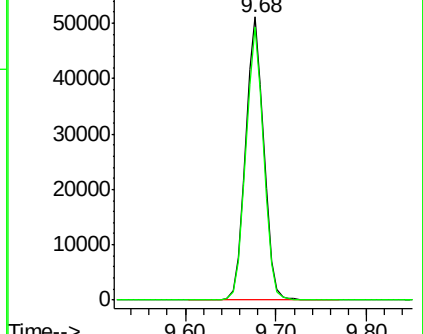
107 100

109 94.8 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: 50.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

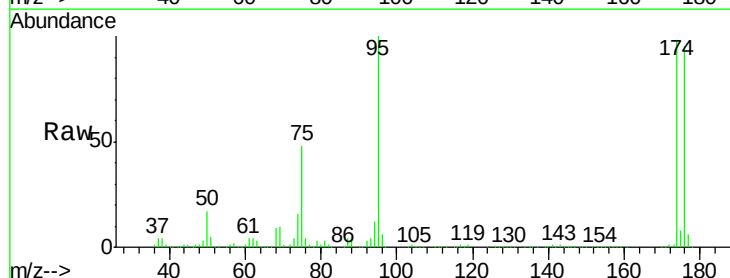
Tgt Ion: 95 Resp: 213027

Ion Ratio Lower Upper

95 100

174 101.7 0.0 187.4

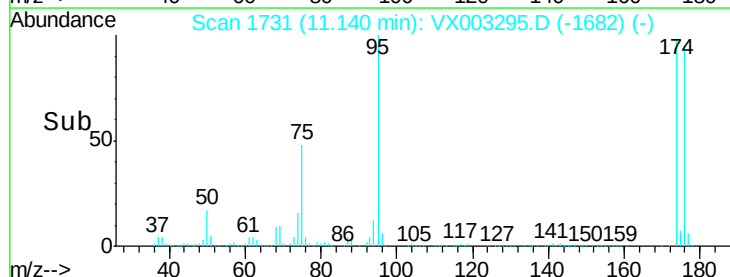
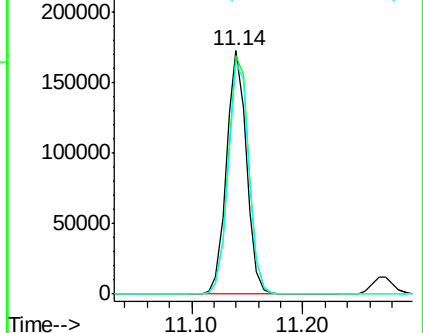
176 99.0 0.0 181.0

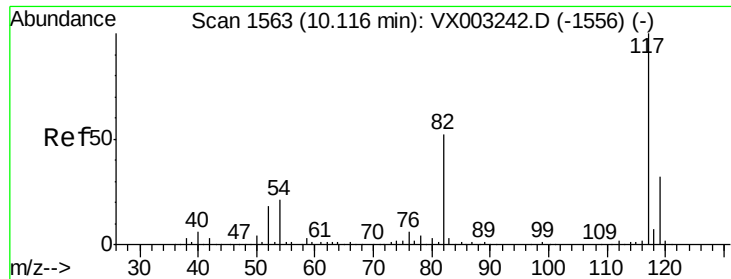


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

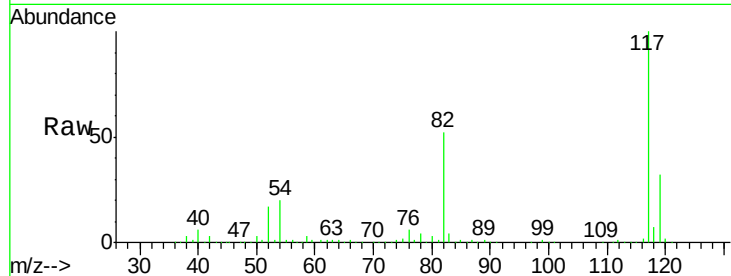




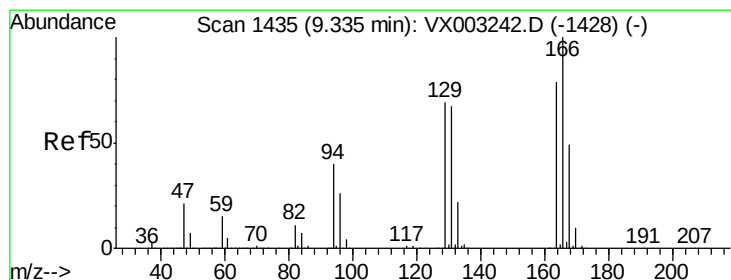
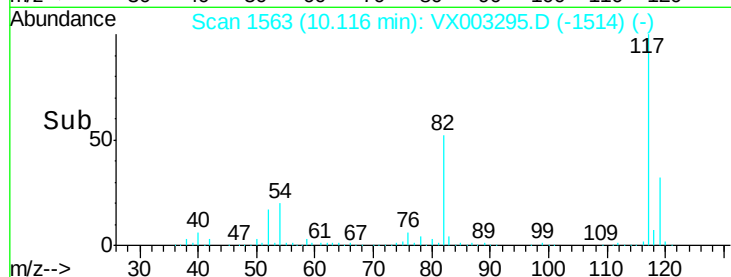
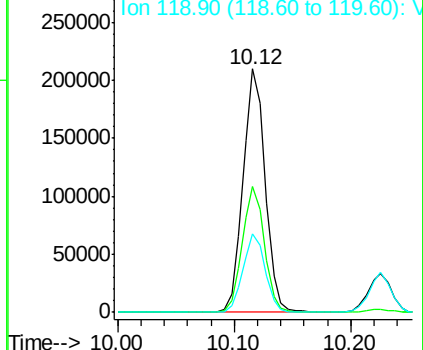
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

Tot Ion:117 Resp: 279217
Ion Ratio Lower Upper
117 100
82 51.9 45.0 67.4
119 32.0 25.8 38.6



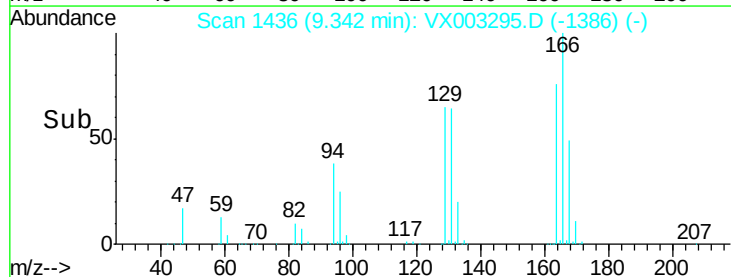
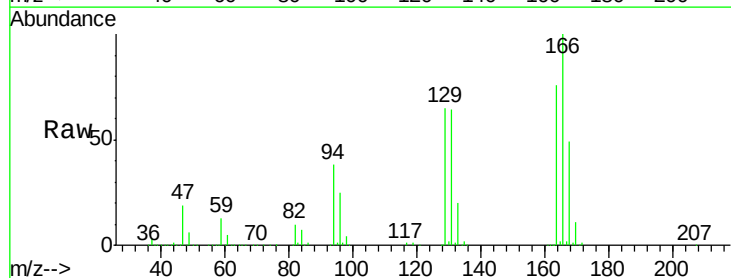
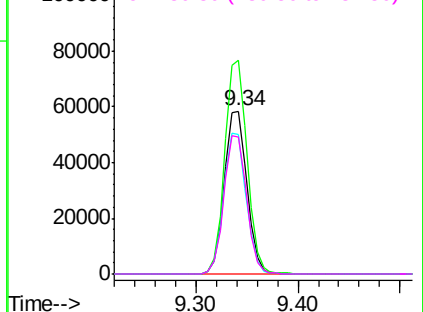
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

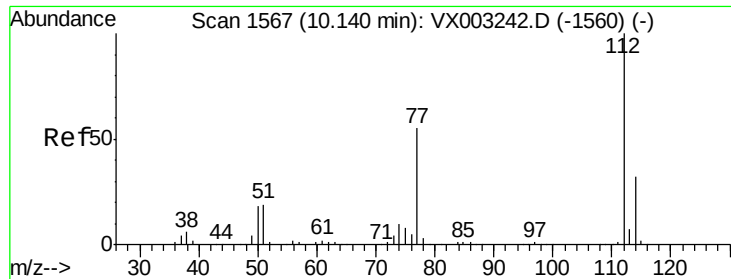


#64
Tetrachloroethene
Concen: 21.27 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion:164 Resp: 89788
Ion Ratio Lower Upper
164 100
166 130.9 102.9 154.3
129 85.2 68.6 102.8
131 84.3 66.8 100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

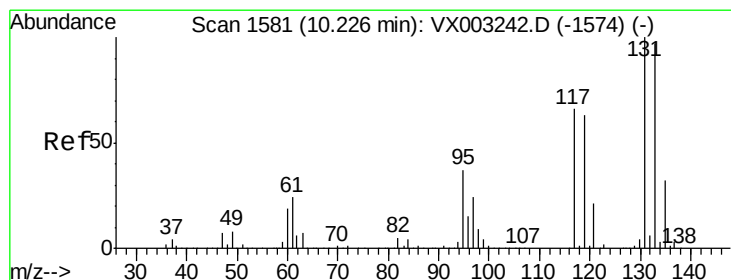
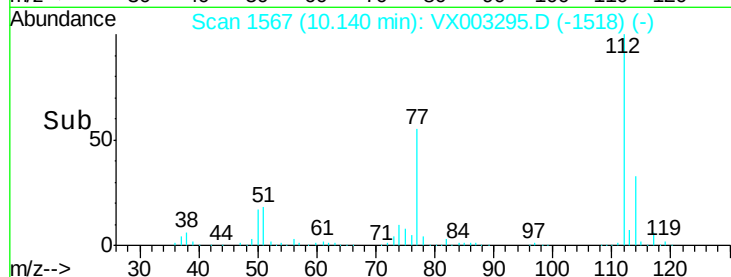
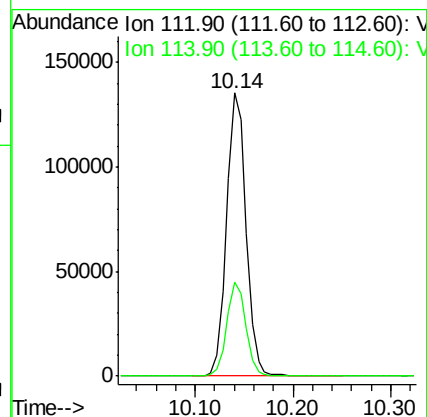
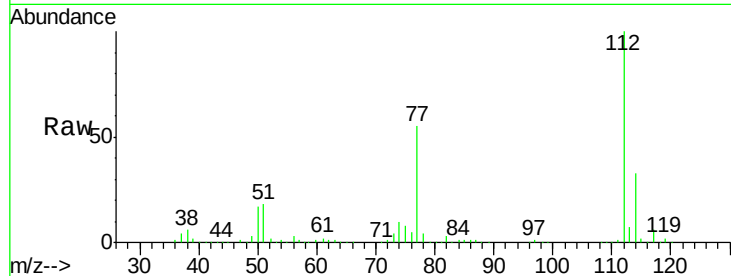




#65
Chlorobenzene
Concen: 19.71 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

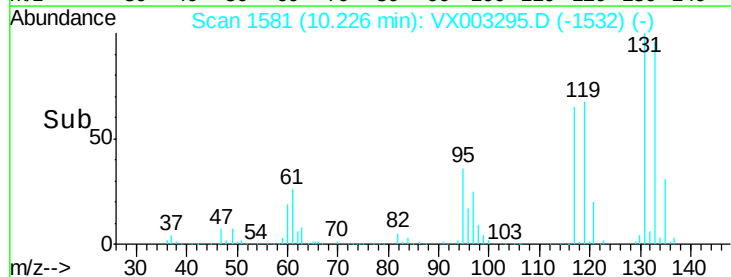
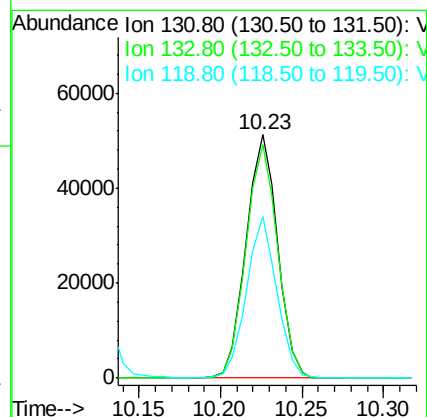
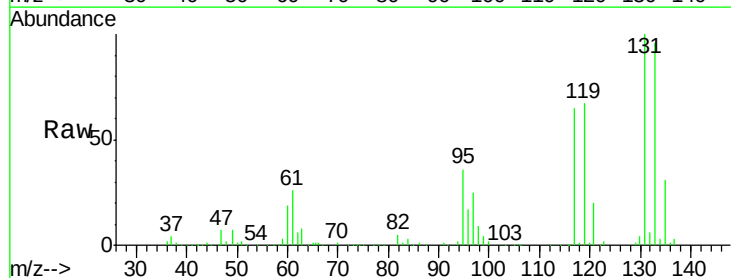
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

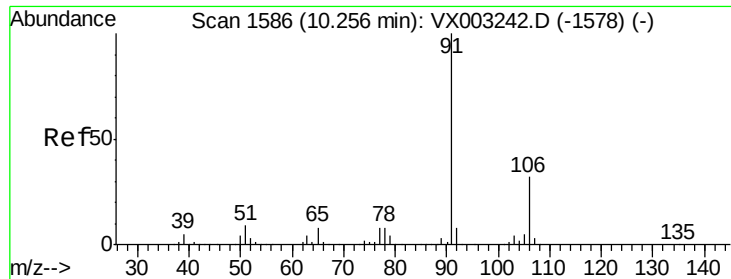
Tot Ion:112 Resp: 186961
Ion Ratio Lower Upper
112 100
114 33.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.25 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion:131 Resp: 69303
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 63.9 31.8 95.3

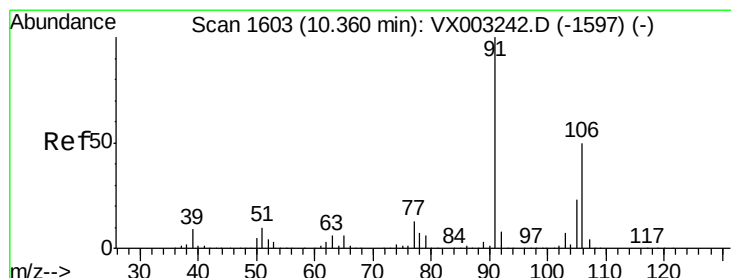
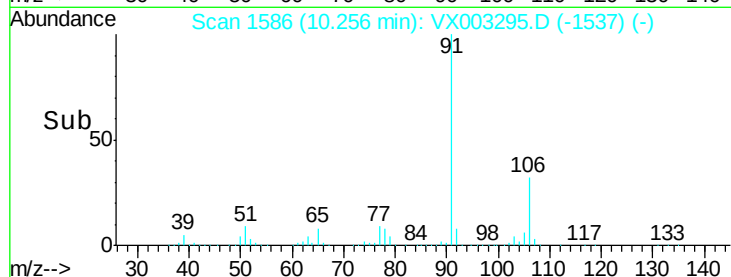
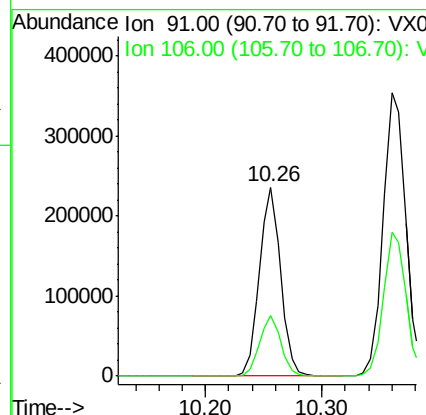
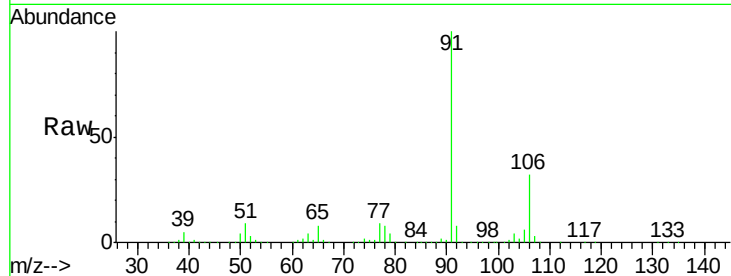




#67
Ethyl Benzene
Concen: 19.62 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

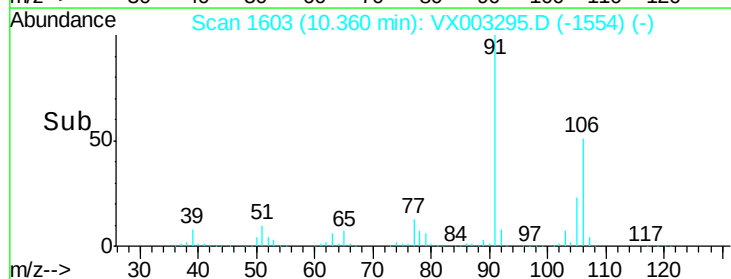
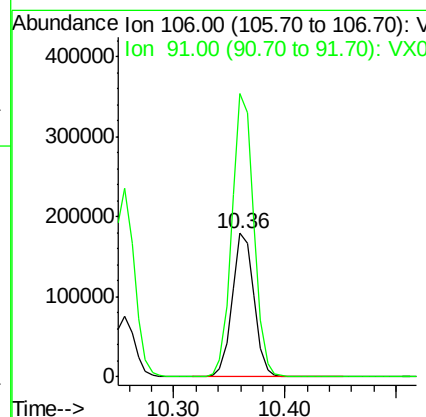
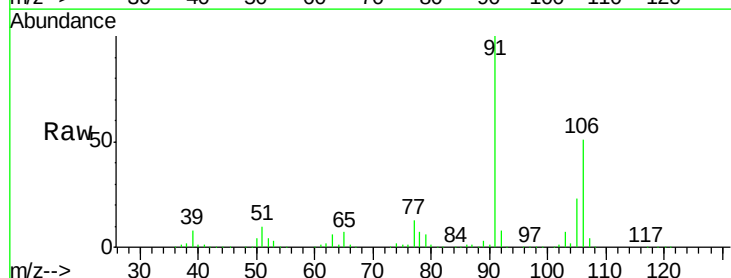
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

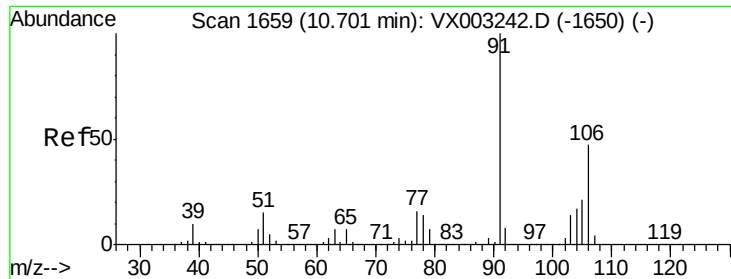
Tot Ion: 91 Resp: 301036
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 40.45 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion: 106 Resp: 241460
Ion Ratio Lower Upper
106 100
91 199.0 163.4 245.2

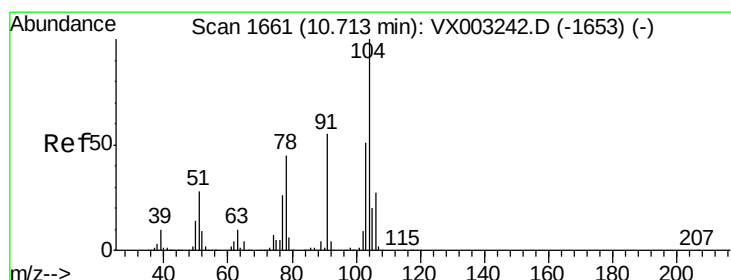
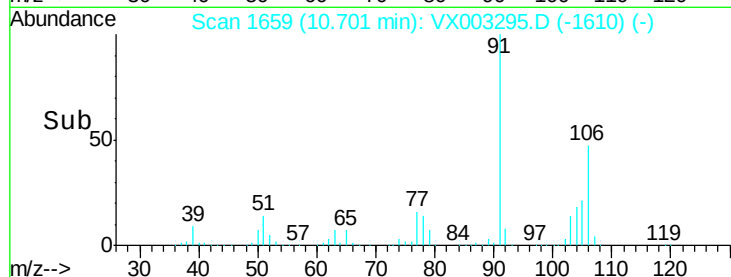
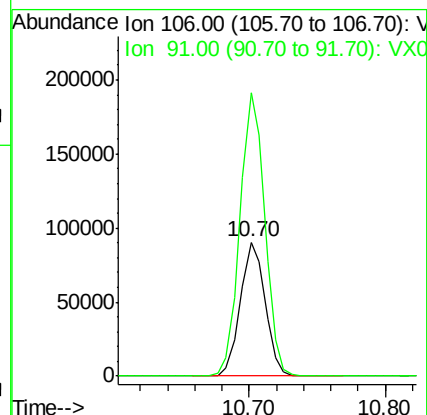
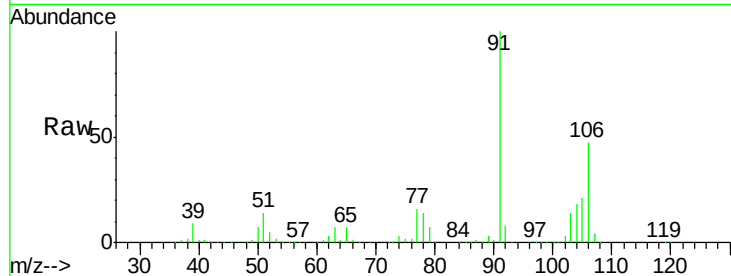




#69
o-Xylene
Concen: 19.94 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

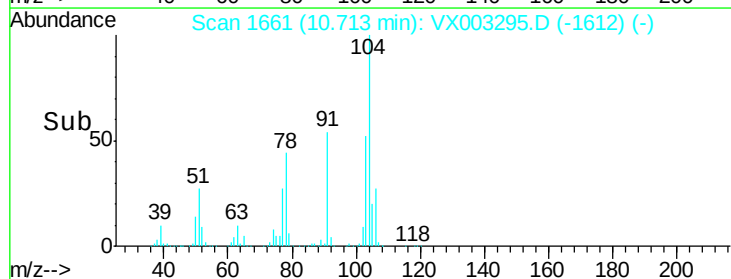
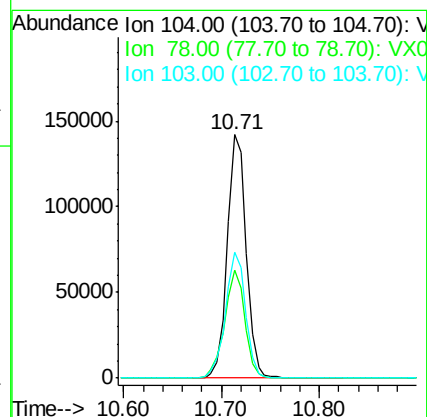
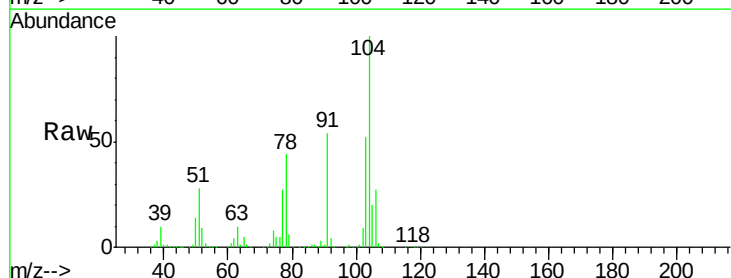
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

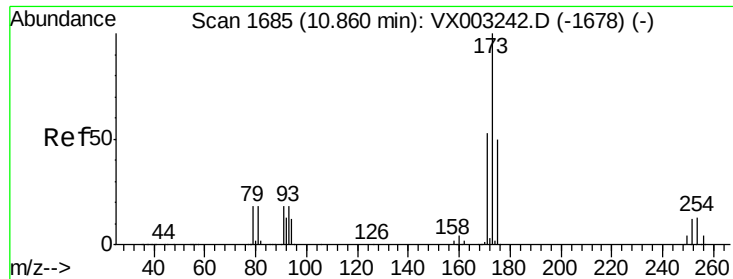
Tot Ion:106 Resp: 115291
Ion Ratio Lower Upper
106 100
91 211.6 108.2 324.6



#70
Styrene
Concen: 20.33 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion:104 Resp: 190582
Ion Ratio Lower Upper
104 100
78 47.7 41.0 61.6
103 54.9 44.2 66.4





#71

Bromoform

Concen: 19.51 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

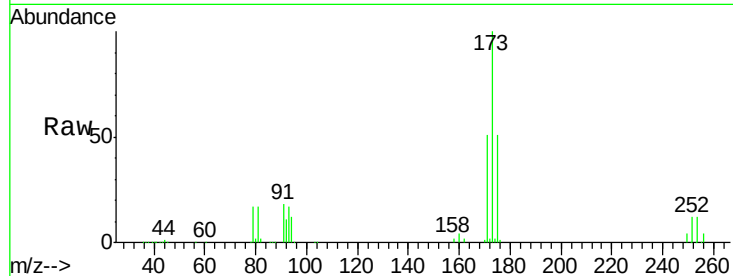
Tot Ion:173 Resp: 54936

Ion Ratio Lower Upper

173 100

175 49.4 24.7 74.1

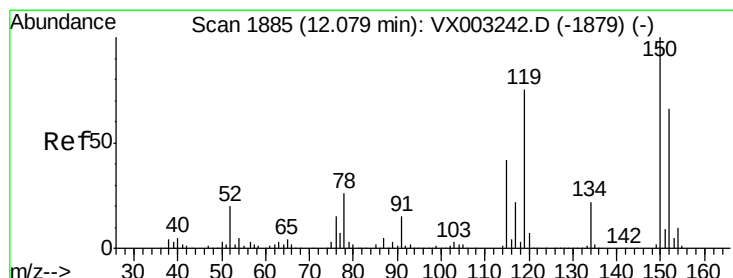
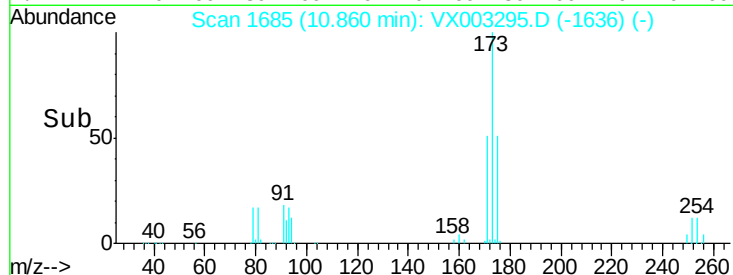
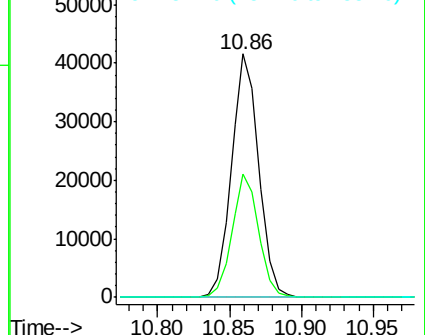
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

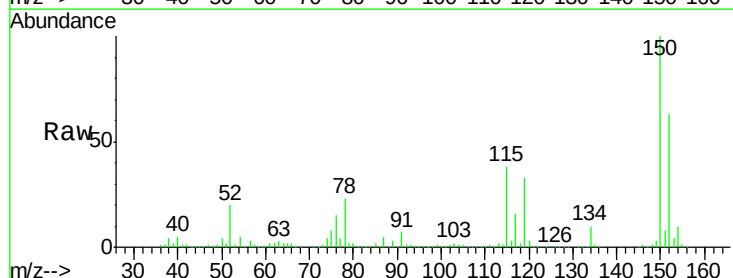
Tgt Ion:152 Resp: 197467

Ion Ratio Lower Upper

152 100

115 63.8 40.1 120.2

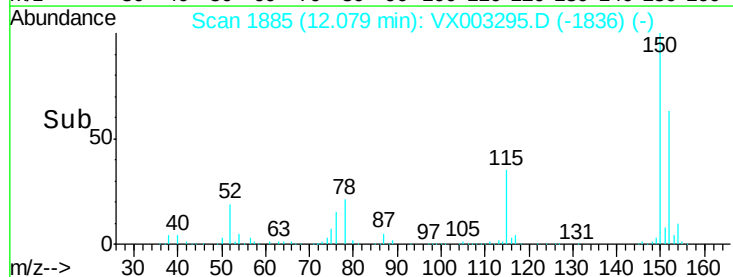
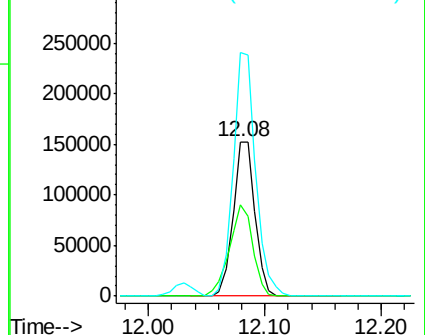
150 163.8 0.0 347.2

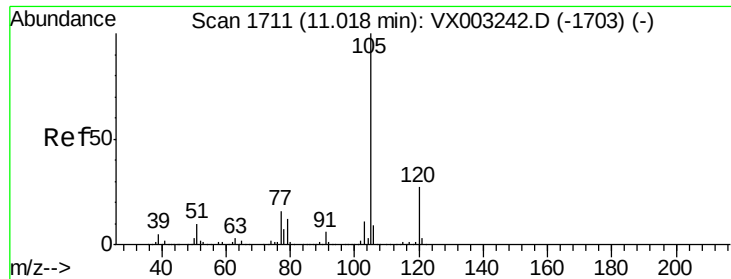


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.28 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

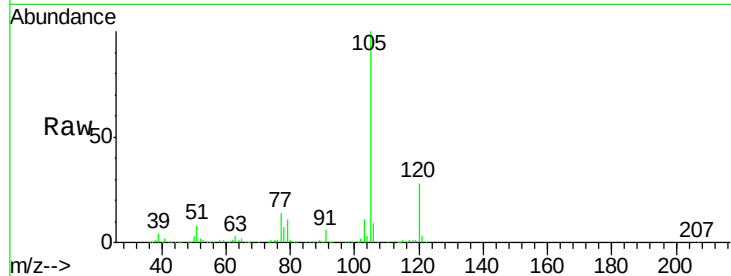
VX0710MBSD01

Tot Ion:105 Resp: 316225

Ion Ratio Lower Upper

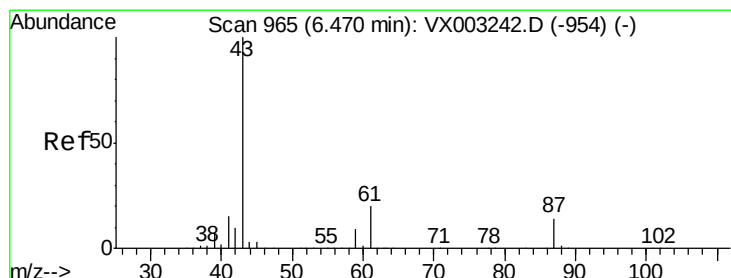
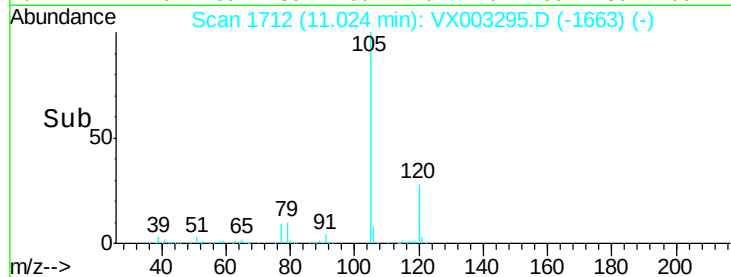
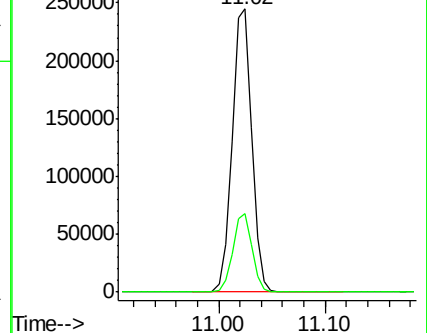
105 100

120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 19.68 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Tgt Ion: 43 Resp: 146398

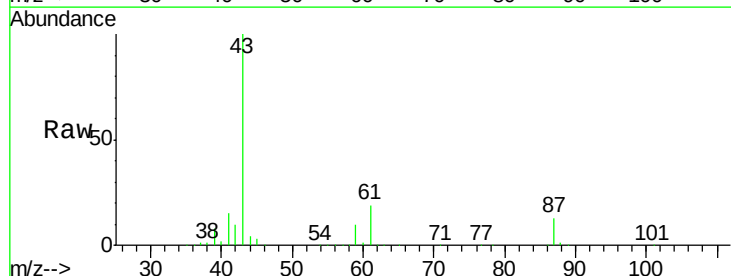
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 18.9 14.4 21.6

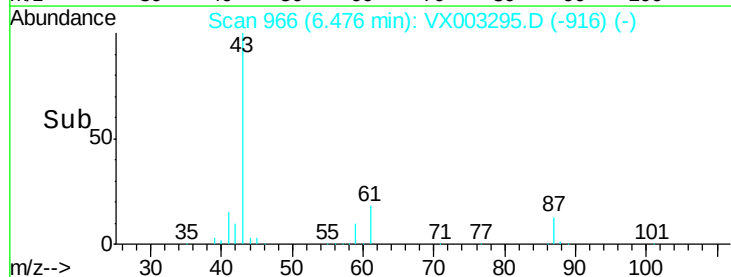
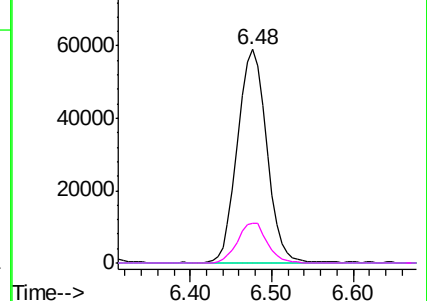


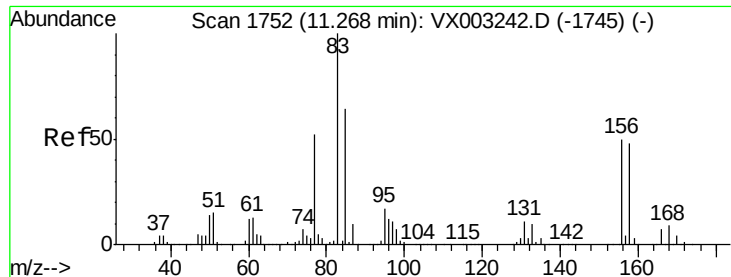
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.90 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

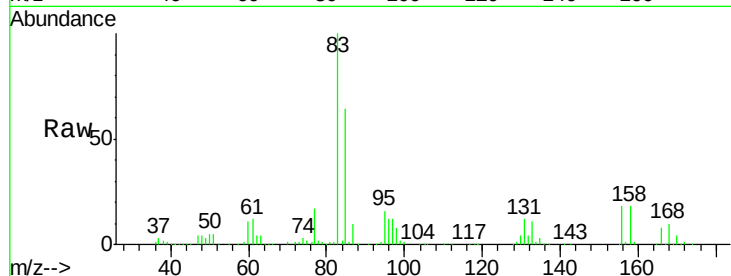
Tot Ion: 83 Resp: 96213

Ion Ratio Lower Upper

83 100

131 12.0 5.6 16.8

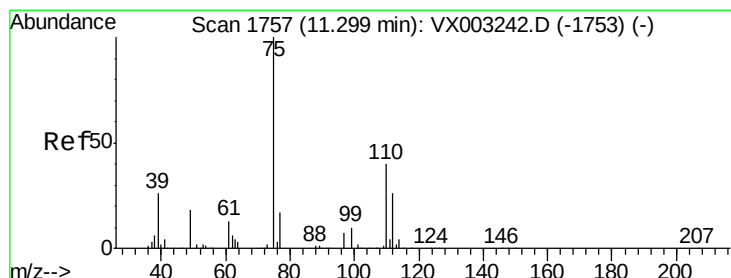
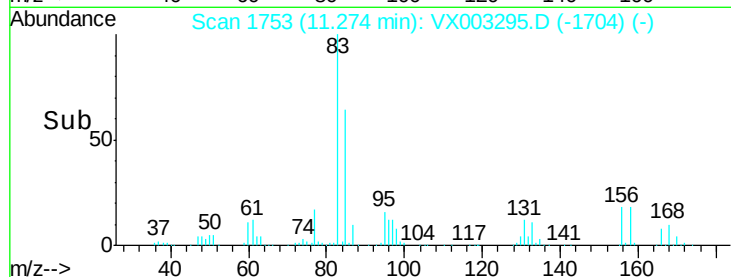
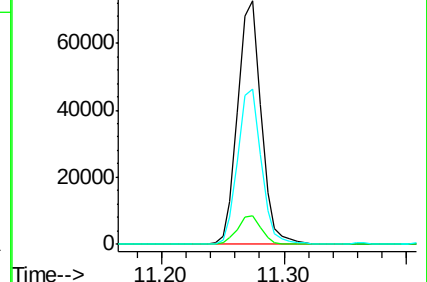
85 64.4 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.04 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003295.D

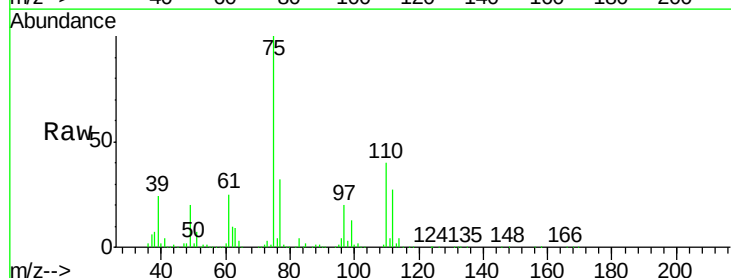
Acq: 10 Jul 2018 20:09

Tgt Ion: 75 Resp: 106868

Ion Ratio Lower Upper

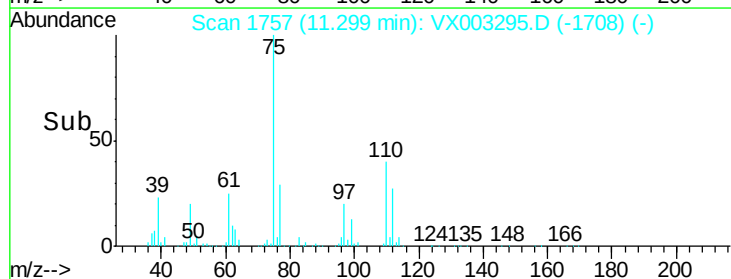
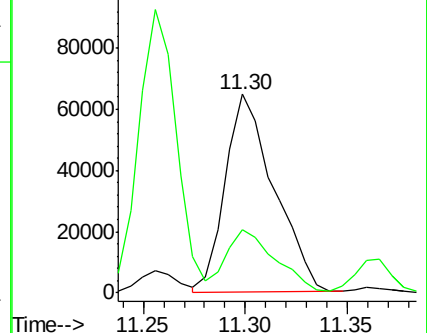
75 100

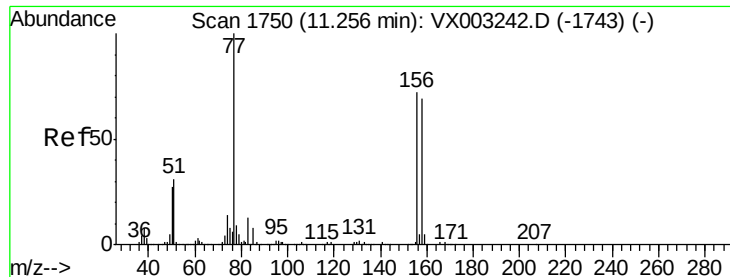
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.40 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

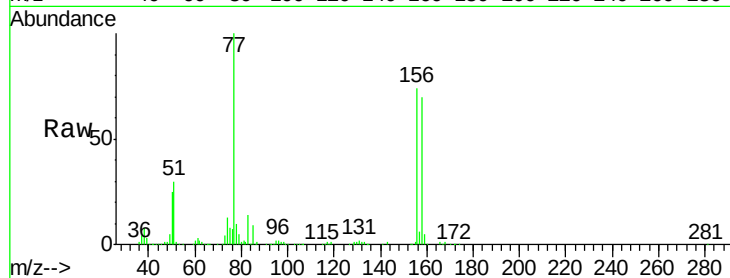
Tot Ion:156 Resp: 91816

Ion Ratio Lower Upper

156 100

77 129.8 71.4 214.2

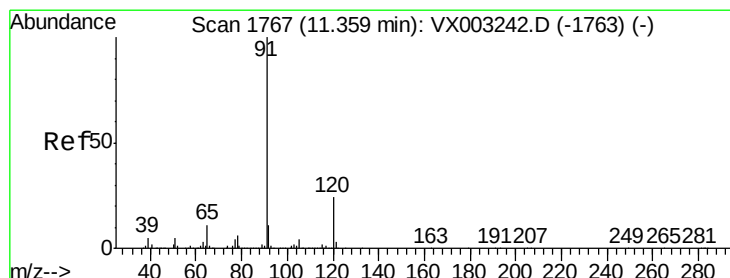
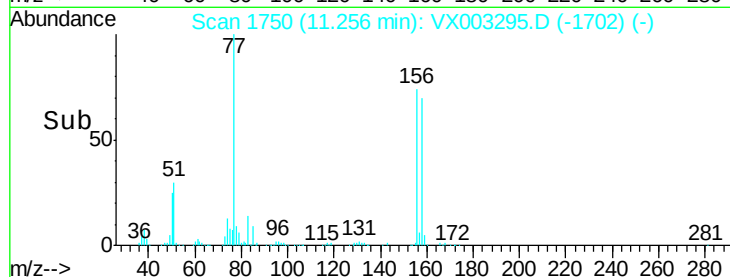
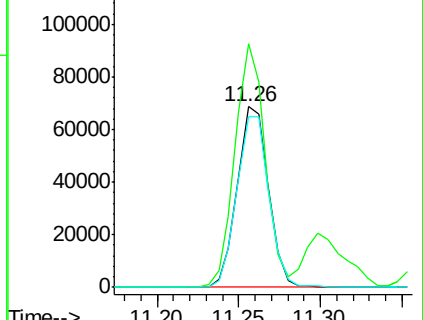
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.18 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003295.D

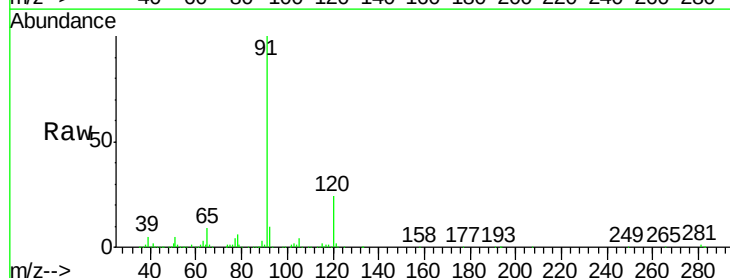
Acq: 10 Jul 2018 20:09

Tgt Ion: 91 Resp: 349832

Ion Ratio Lower Upper

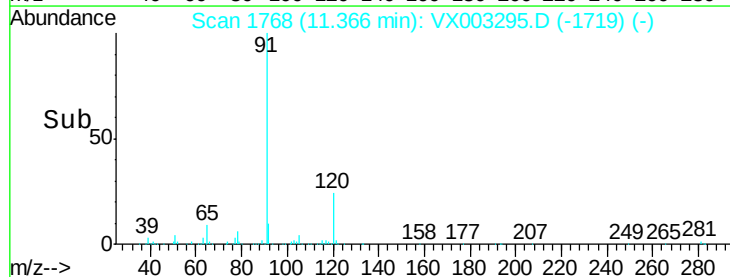
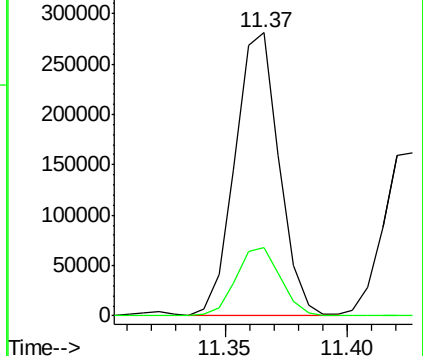
91 100

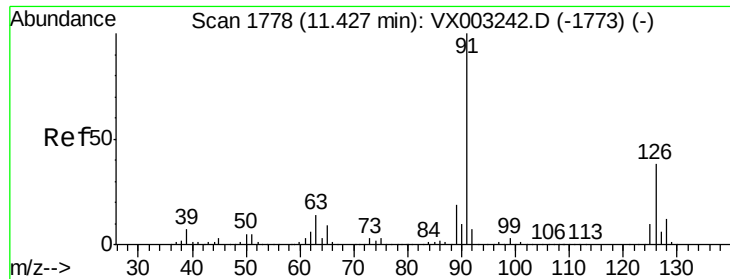
120 24.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

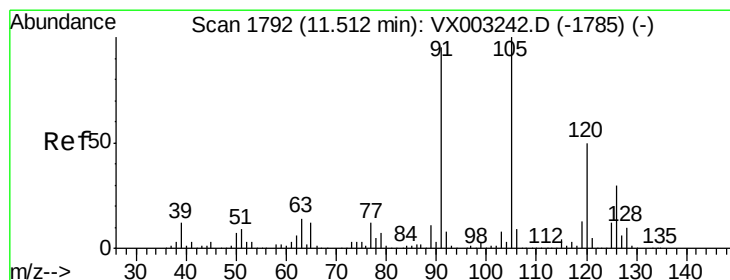
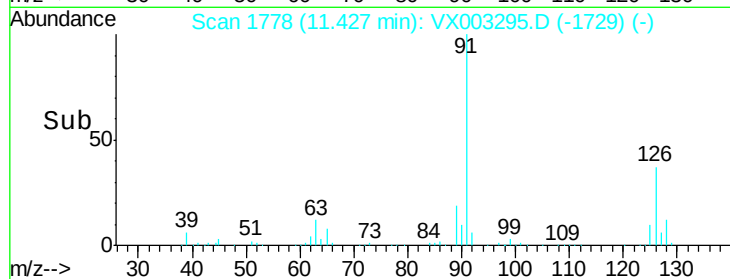
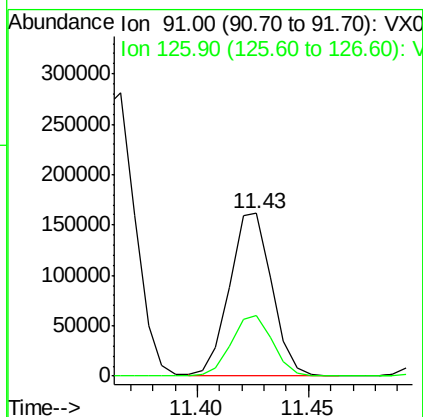
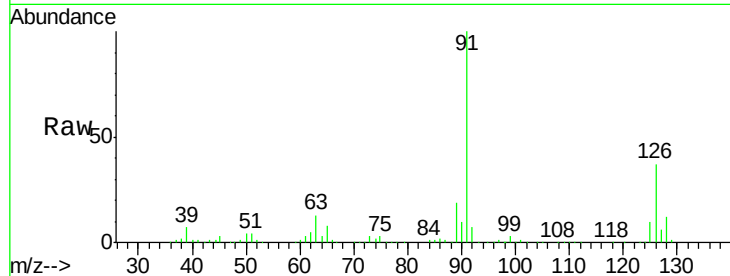




#79
 2-Chlorotoluene
 Concen: 20.09 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

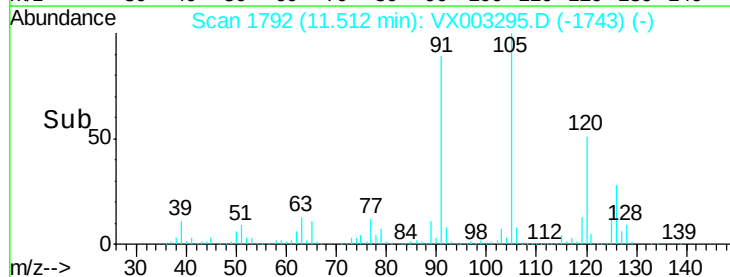
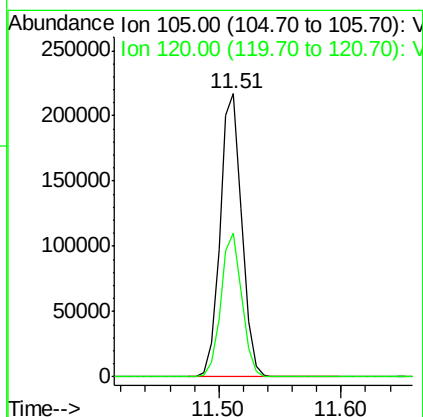
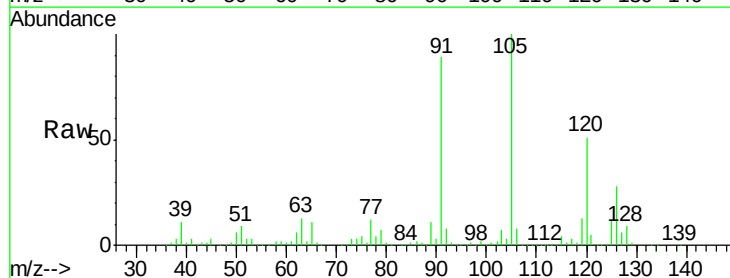
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBSD01

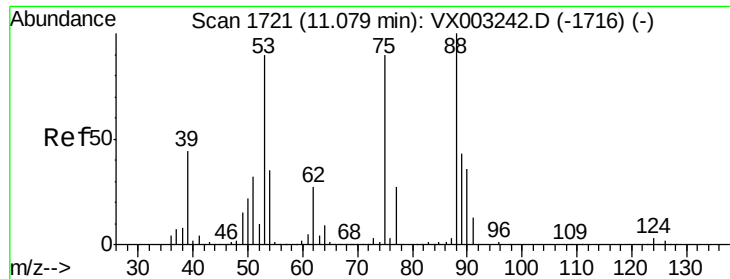
Tot Ion: 91 Resp: 212127
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.54 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

Tgt Ion: 105 Resp: 266605
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.4

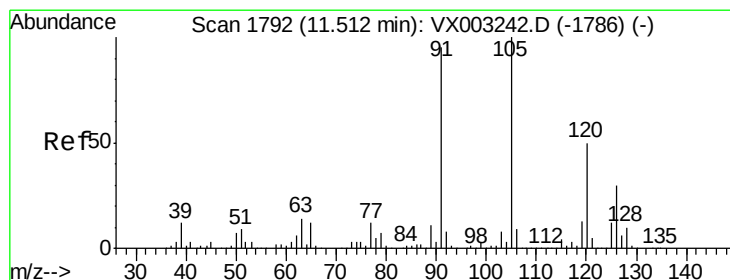
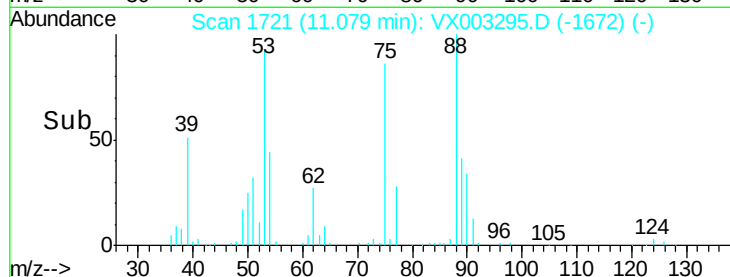
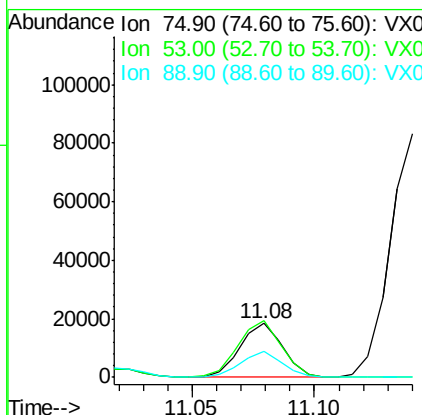
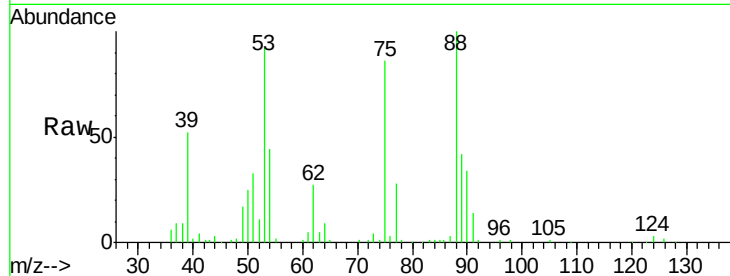




#81
trans-1,4-Dichloro-2-butene
Concen: 17.10 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

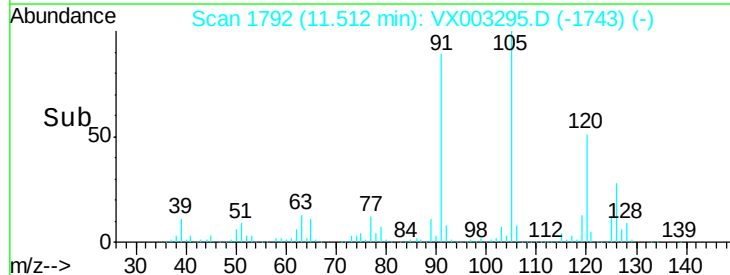
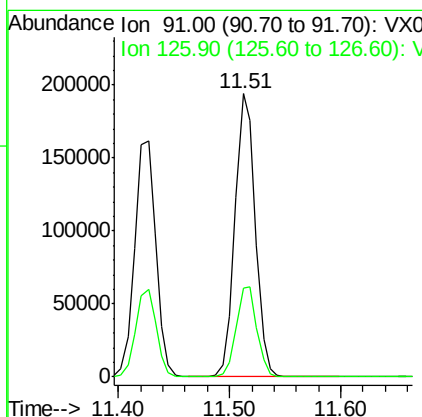
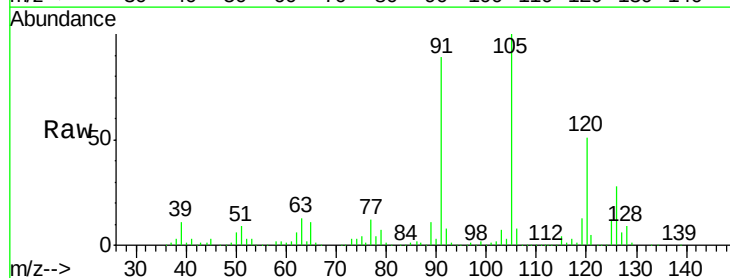
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBS01

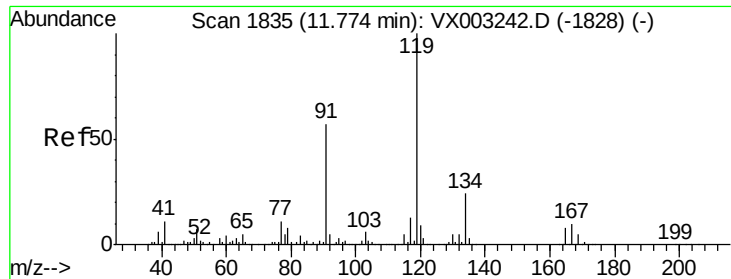
Tot Ion: 75 Resp: 22327
Ion Ratio Lower Upper
75 100
53 107.1 86.8 130.2
89 47.7 38.2 57.2



#82
4-Chlorotoluene
Concen: 19.85 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion: 91 Resp: 244750
Ion Ratio Lower Upper
91 100
126 32.4 15.4 46.4

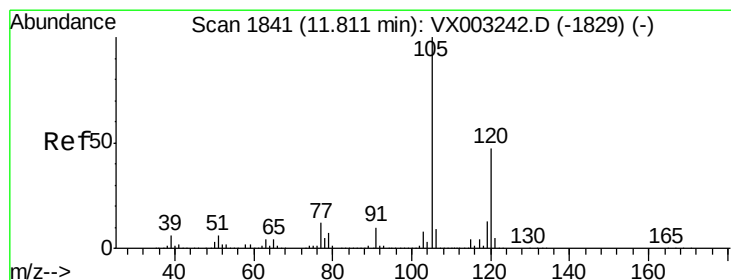
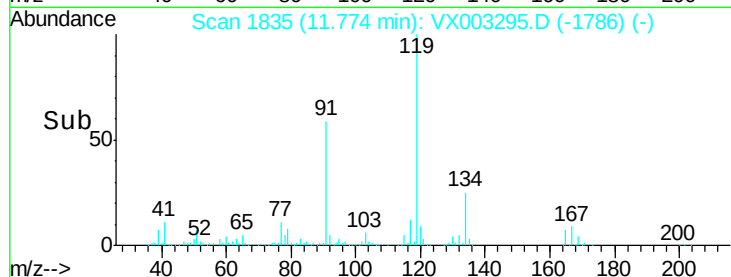
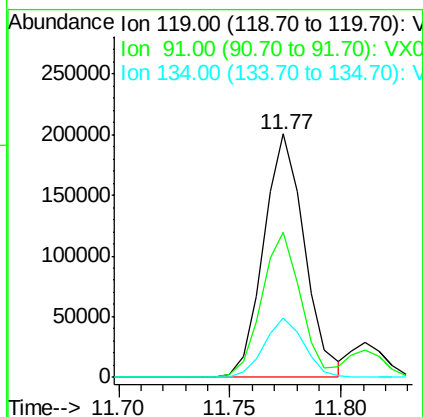
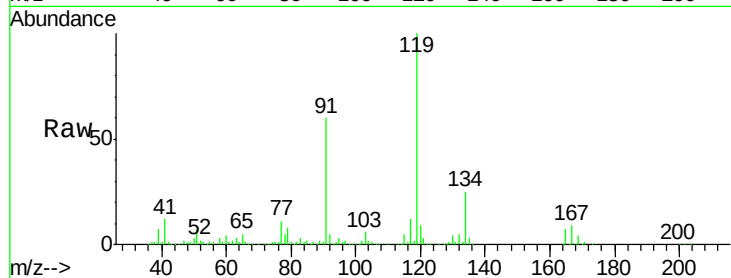




#83
 tert-Butylbenzene
 Concen: 19.71 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

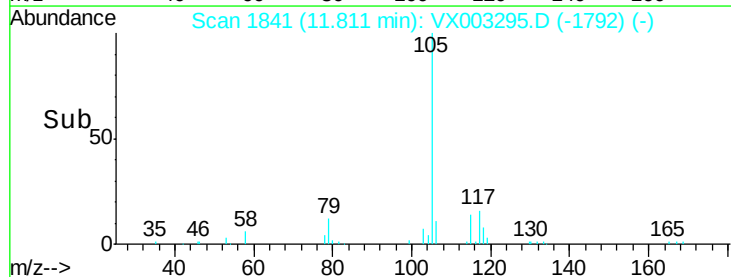
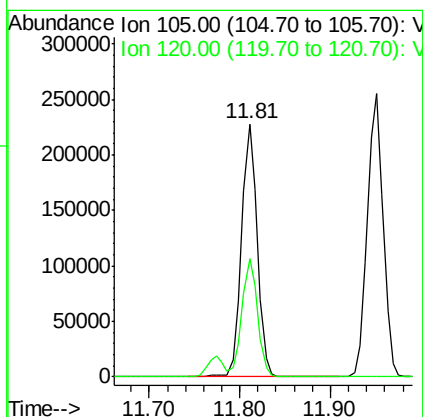
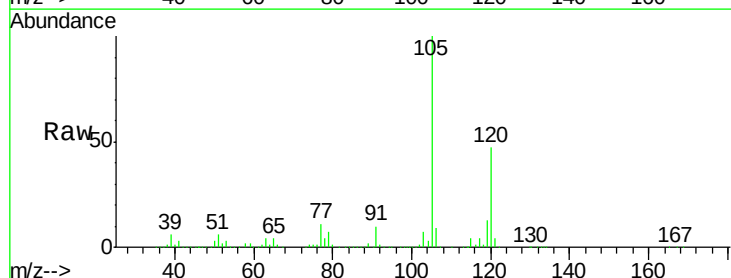
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBSD01

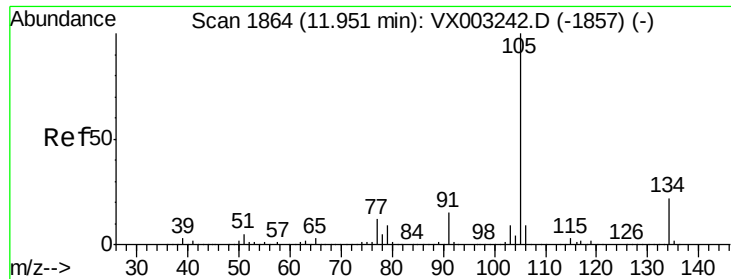
Tot Ion:119 Resp: 255568
 Ion Ratio Lower Upper
 119 100
 91 57.6 30.3 90.9
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.55 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

Tgt Ion:105 Resp: 273152
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.20 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

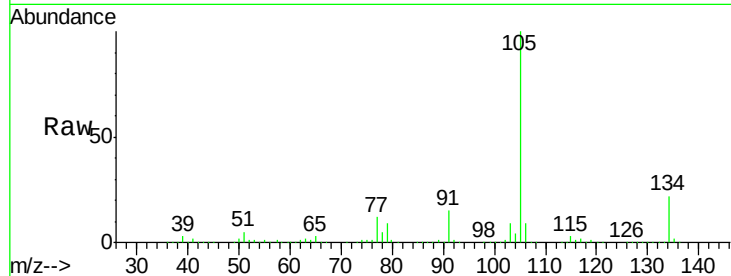
VX0710MBSD01

Tot Ion:105 Resp: 309662

Ion Ratio Lower Upper

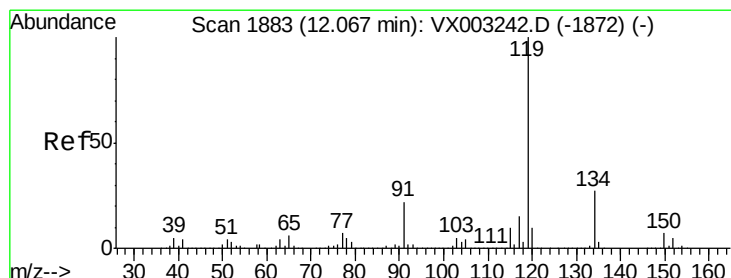
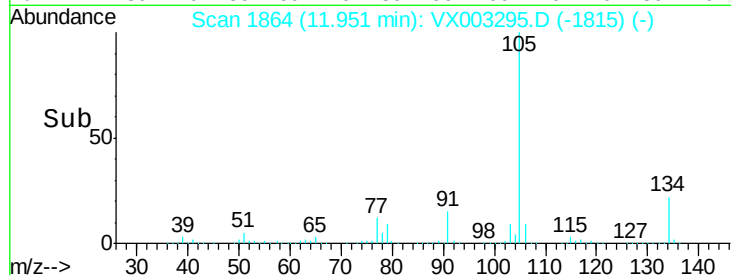
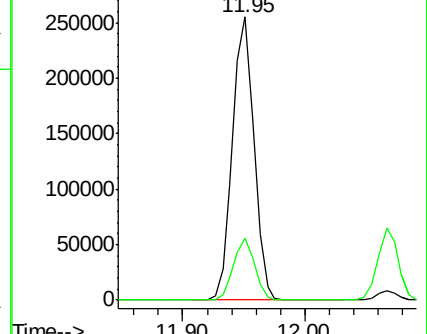
105 100

134 21.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.72 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

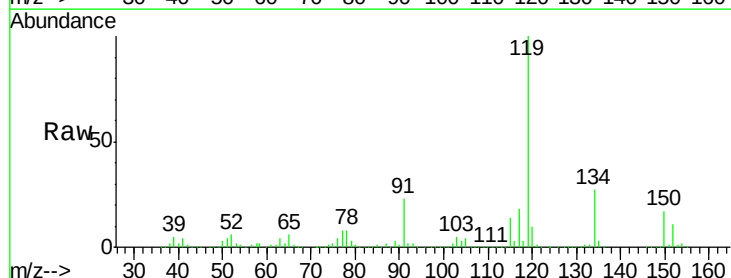
Tgt Ion:119 Resp: 275338

Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.1

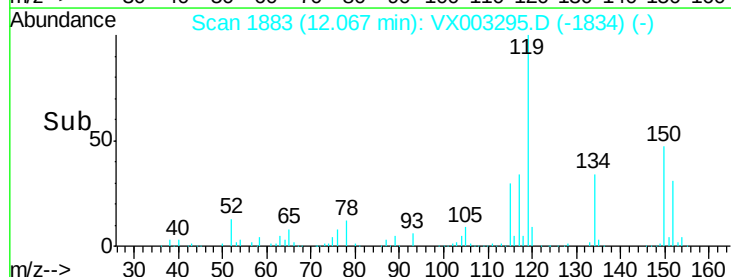
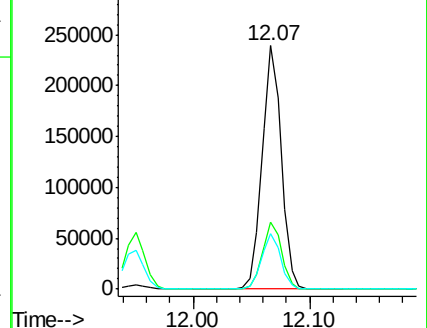
91 22.9 11.9 35.7

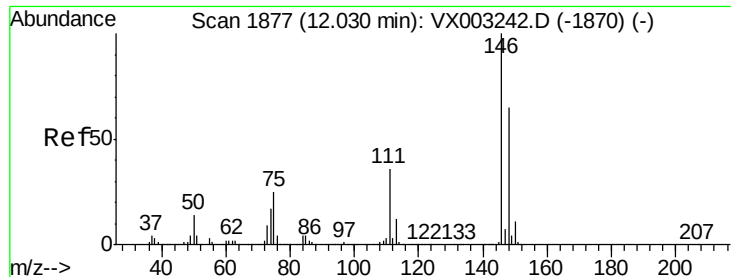


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

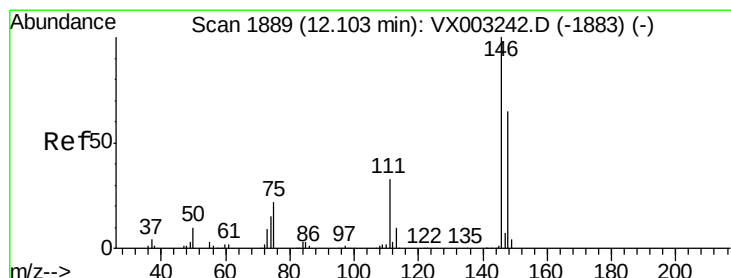
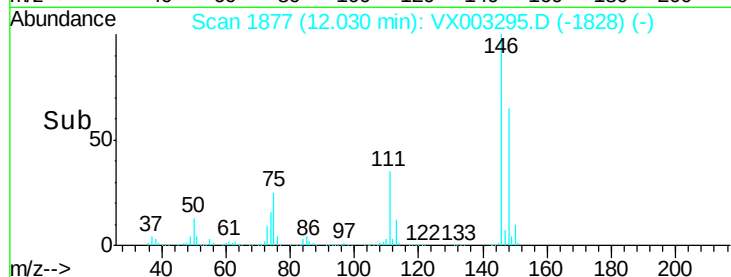
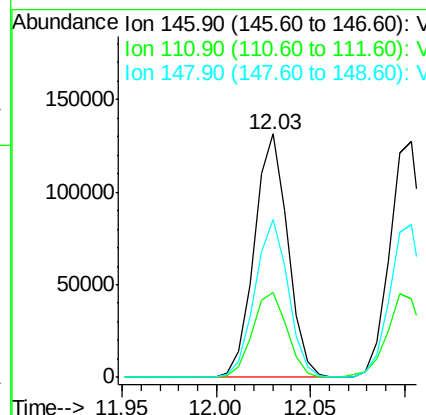
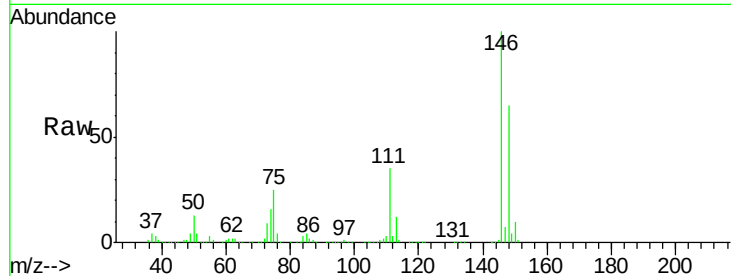




#87
 1,3-Dichlorobenzene
 Concen: 19.57 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

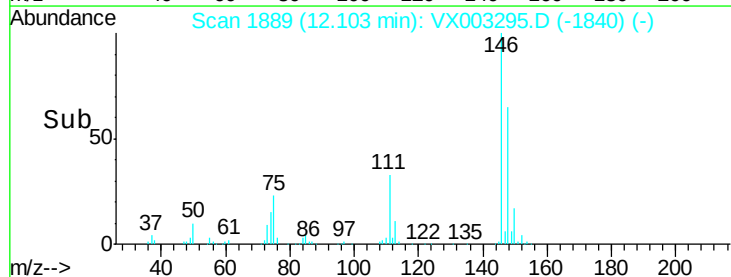
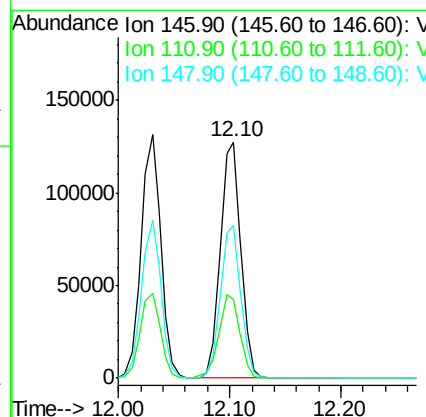
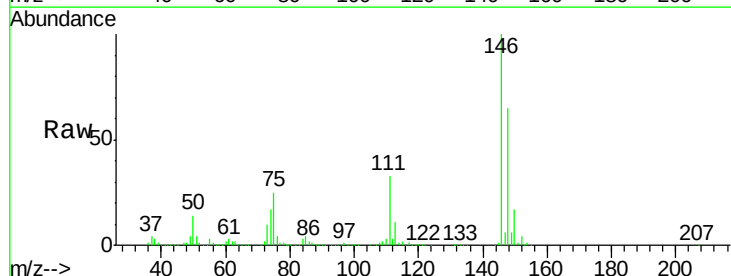
Instrument :
 MSVOA_X
 ClientSampled :
 VX0710MBSD01

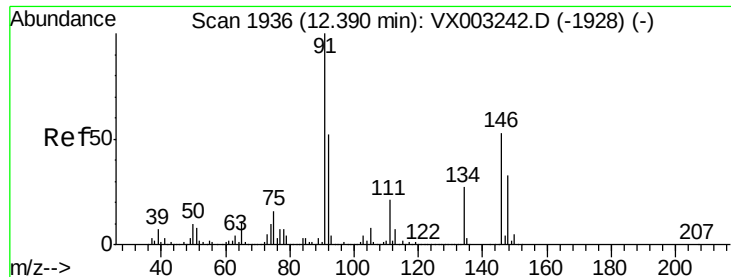
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.9	56.7
148	64.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.33 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.7	56.1
148	64.8	32.4	97.0





#89

n-Butylbenzene

Concen: 19.06 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

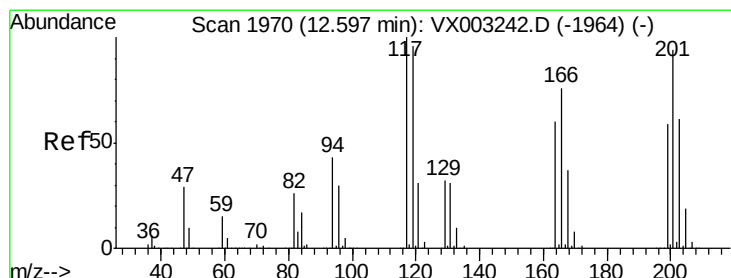
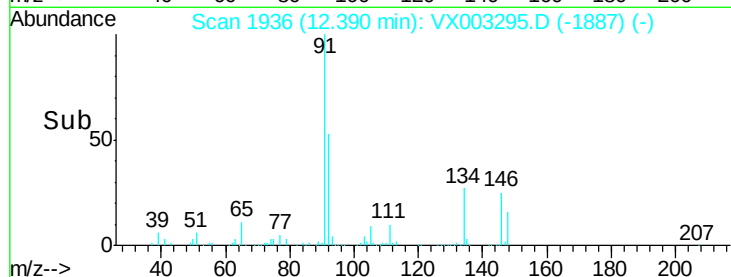
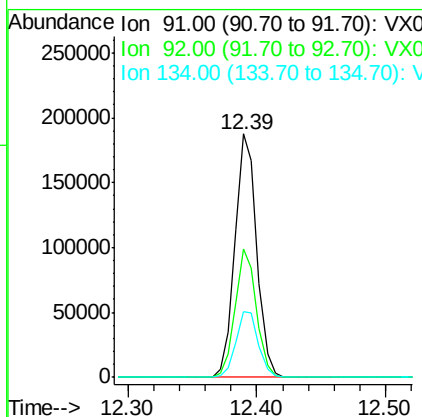
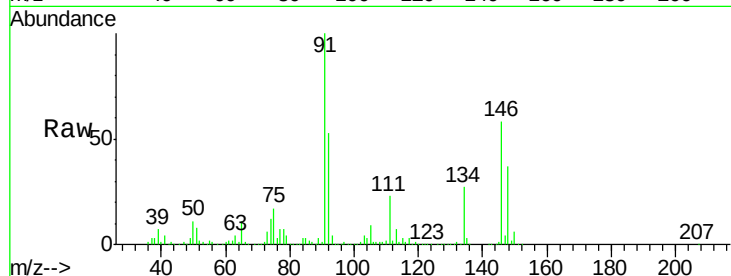
Tot Ion: 91 Resp: 222348

Ion Ratio Lower Upper

91 100

92 51.3 26.0 78.0

134 27.9 13.5 40.5



#90

Hexachloroethane

Concen: 18.62 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX003295.D

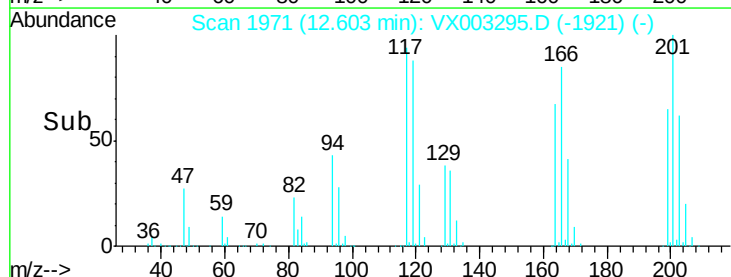
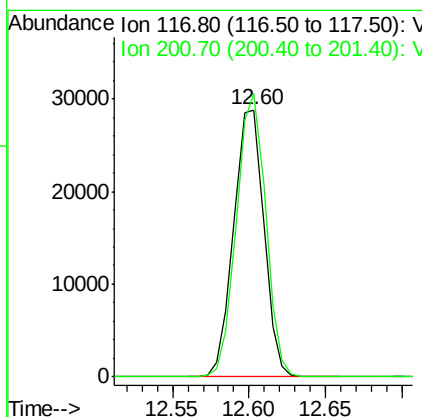
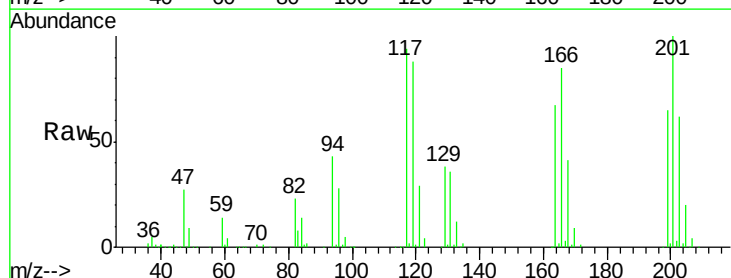
Acq: 10 Jul 2018 20:09

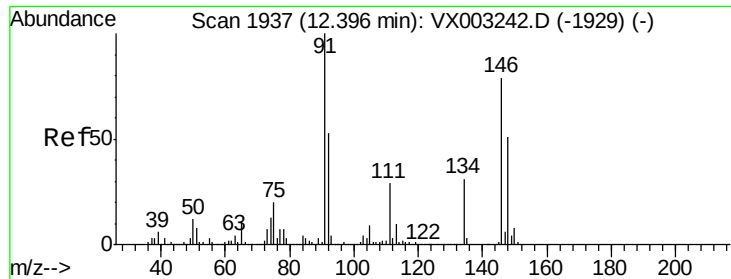
Tgt Ion: 117 Resp: 39692

Ion Ratio Lower Upper

117 100

201 102.1 49.0 147.0

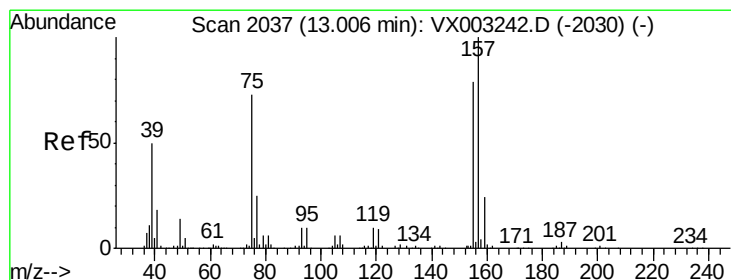
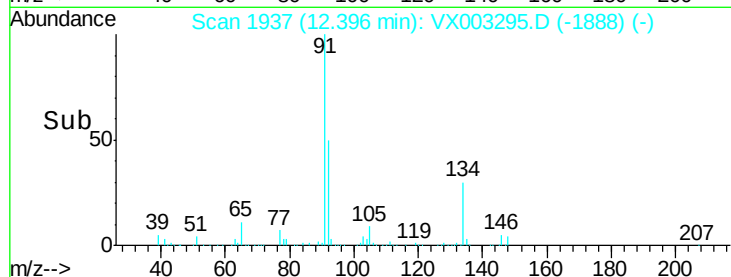
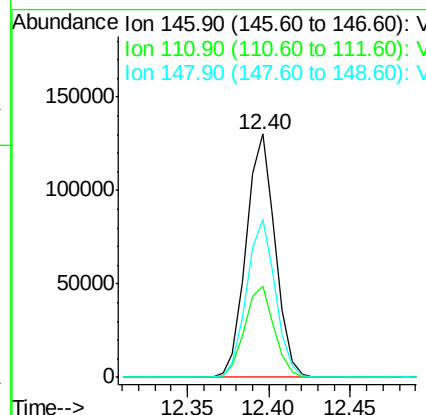
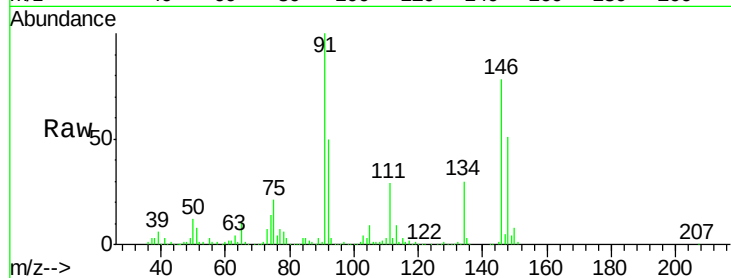




#91
1,2-Dichlorobenzene
Concen: 19.49 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

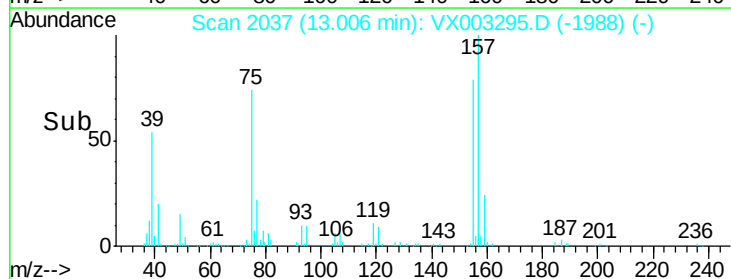
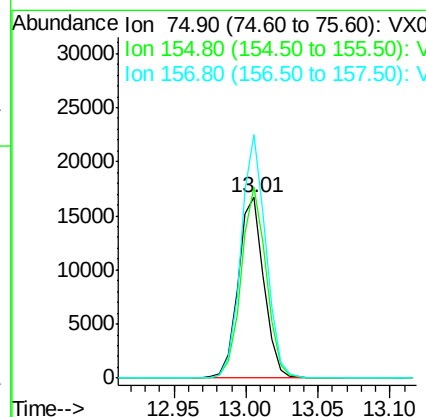
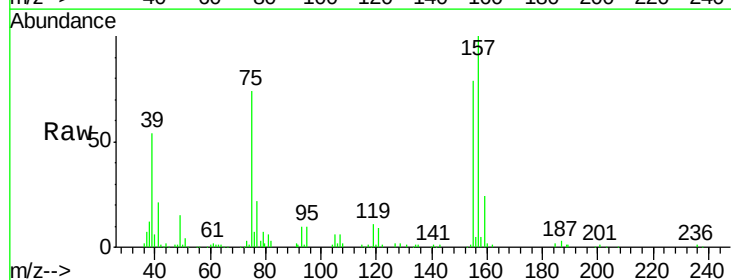
Instrument :
MSVOA_X
ClientSampleId :
VX0710MBSD01

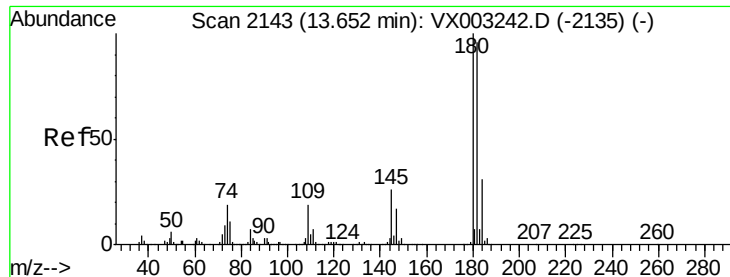
Tot Ion:146 Resp: 161610
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.1
148 64.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.04 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.00 min
Lab File: VX003295.D
Acq: 10 Jul 2018 20:09

Tgt Ion: 75 Resp: 20791
Ion Ratio Lower Upper
75 100
155 102.2 45.8 137.4
157 129.2 60.1 180.3

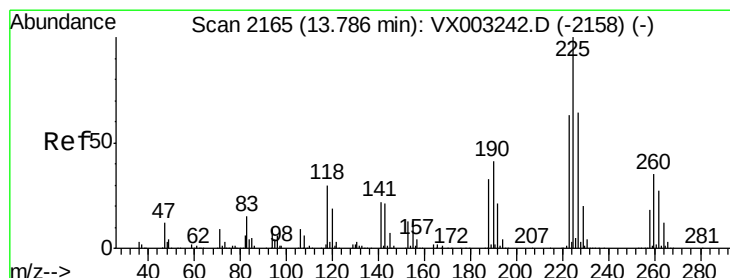
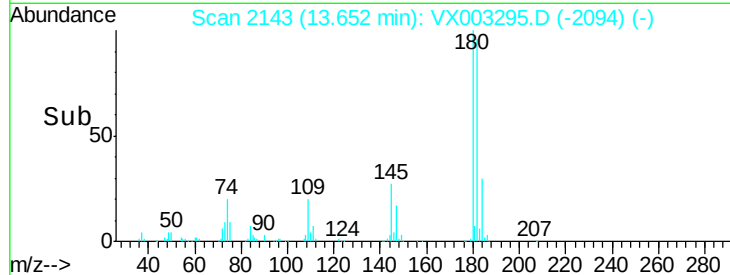
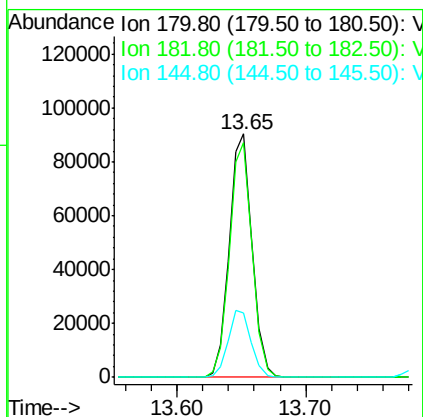
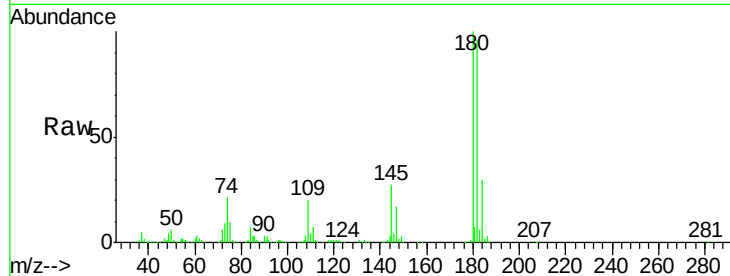




#93
 1,2,4-Trichlorobenzene
 Concen: 18.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

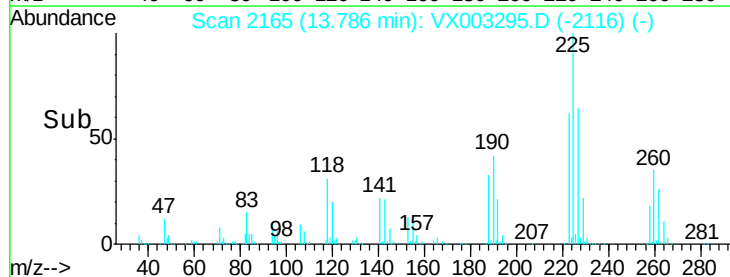
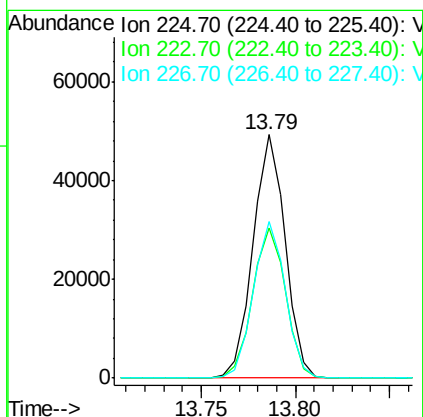
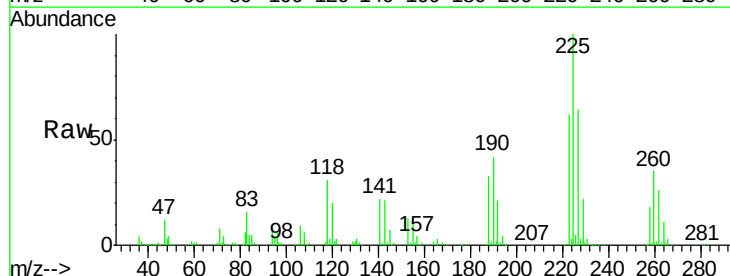
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710MBSD01

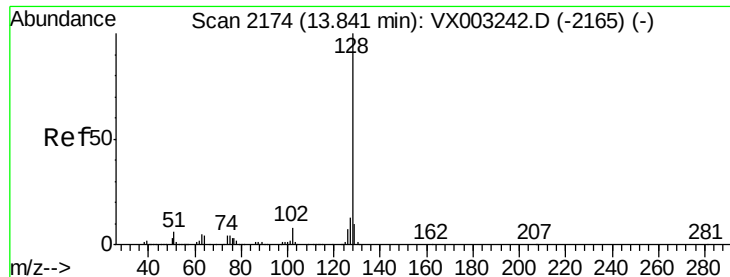
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.7	143.1
145	27.8	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 19.38 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003295.D
 Acq: 10 Jul 2018 20:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	95.0
227	63.7	32.4	97.2





#95

Naphthalene

Concen: 20.29 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0710MBSD01

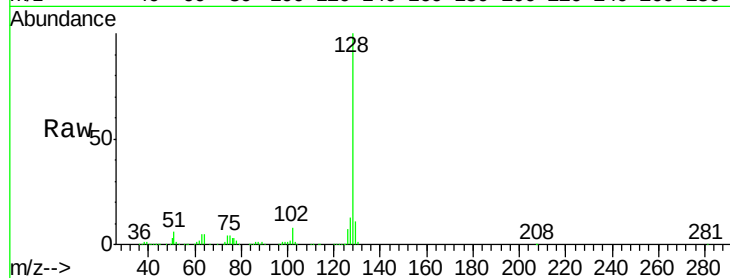
Tot Ion:128 Resp: 320266

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

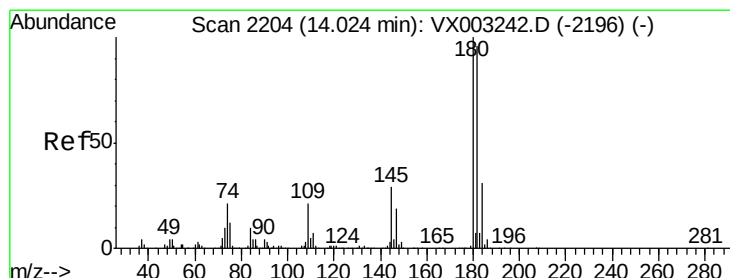
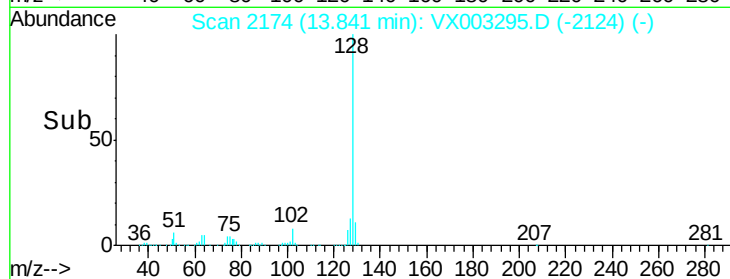
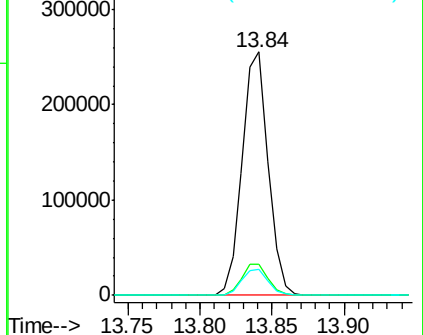
129 11.0 8.6 13.0



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: 19.52 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003295.D

Acq: 10 Jul 2018 20:09

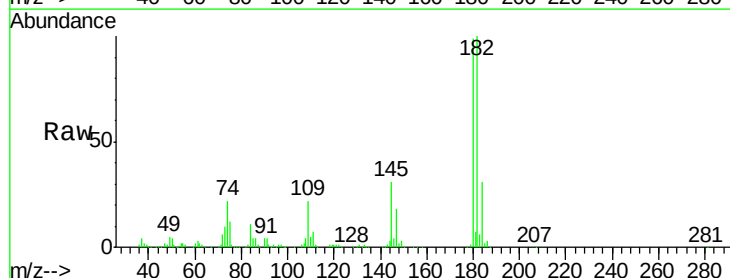
Tgt Ion:180 Resp: 117451

Ion Ratio Lower Upper

180 100

182 97.1 48.0 144.0

145 29.9 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

