

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003372.D
 Acq On : 13 Jul 2018 20:15
 Operator : JC/MD
 Sample : VX0713WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

Quant Time: Jul 14 02:46:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	417579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243094	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	166670	51.70	ug/l	0.00
Spiked Amount			Recovery	=	103.40%	
35) Dibromofluoromethane	5.51	113	146888	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
50) Toluene-d8	8.72	98	510197	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.14	95	200300	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	59356	24.81	ug/l	98
3) Chloromethane	1.32	50	74639	24.75	ug/l	100
4) Vinyl Chloride	1.40	62	85678	22.56	ug/l	100
5) Bromomethane	1.64	94	46465	21.62	ug/l	100
6) Chloroethane	1.72	64	54558	23.33	ug/l	99
7) Trichlorofluoromethane	1.93	101	116386	21.27	ug/l	99
8) Diethyl Ether	2.19	74	50020	20.64	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72020	20.48	ug/l	96
10) Methyl Iodide	2.51	142	70916	19.85	ug/l	96
11) Tert butyl alcohol	3.08	59	92102	107.97	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68082	20.85	ug/l	93
13) Acrolein	2.29	56	39154	125.24	ug/l	99
14) Allyl chloride	2.73	41	130367	20.81	ug/l	89
15) Acrylonitrile	3.15	53	213524	100.26	ug/l	98
16) Acetone	2.45	43	171854	104.07	ug/l	89
17) Carbon Disulfide	2.57	76	189828	23.67	ug/l	98
18) Methyl Acetate	2.78	43	104821	20.44	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	234469	20.08	ug/l	100
20) Methylene Chloride	2.86	84	79103	21.76	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	73254	21.02	ug/l	96
22) Diisopropyl ether	3.87	45	223343	19.15	ug/l	96
23) Vinyl Acetate	3.83	43	920478	96.60	ug/l	96
24) 1,1-Dichloroethane	3.70	63	140334	21.23	ug/l	99
25) 2-Butanone	4.71	43	254101	99.28	ug/l	94
26) 2,2-Dichloropropane	4.59	77	86445	18.47	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	75662	19.75	ug/l	95
28) Bromochloromethane	5.02	49	61250	20.33	ug/l	93
29) Tetrahydrofuran	5.17	42	164505	100.61	ug/l	94
30) Chloroform	5.21	83	125951	19.88	ug/l	99
31) Cyclohexane	5.58	56	108321	21.41	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	105728	20.03	ug/l	98
36) 1,1-Dichloropropene	5.80	75	92695	20.14	ug/l	99
37) Ethyl Acetate	4.86	43	98062	19.44	ug/l	96
38) Carbon Tetrachloride	5.79	117	92652	19.75	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106856	20.51	ug/l	95
40) Benzene	6.15	78	287310	19.93	ug/l	100
41) Methacrylonitrile	5.07	41	55133	19.08	ug/l	94
42) 1,2-Dichloroethane	6.20	62	99568	19.77	ug/l	97
43) Isopropyl Acetate	6.47	43	153291	19.39	ug/l	96
44) Trichloroethene	7.22	130	80300	19.66	ug/l	99
45) 1,2-Dichloropropane	7.52	63	73024	19.10	ug/l	98
46) Dibromomethane	7.67	93	48231	19.62	ug/l	98
47) Bromodichloromethane	7.90	83	88655	19.13	ug/l	99
48) Methyl methacrylate	7.78	41	78891	19.56	ug/l	88
49) 1,4-Dioxane	7.76	88	35721	405.77	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	510073	98.72	ug/l	94
52) Toluene	8.79	92	183590	20.10	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	105754	19.42	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	96506	19.40	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	74214	19.46	ug/l	98
56) Ethyl methacrylate	9.18	69	106528	19.56	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	121503	19.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	268332	101.39	ug/l	99
59) 2-Hexanone	9.50	43	387066	101.57	ug/l	92
60) Dibromochloromethane	9.59	129	71436	19.30	ug/l	100
61) 1,2-Dibromoethane	9.68	107	76515	19.90	ug/l	100
64) Tetrachloroethene	9.34	164	91587	20.25	ug/l	97
65) Chlorobenzene	10.14	112	207237	19.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71122	18.76	ug/l	98
67) Ethyl Benzene	10.26	91	342938	19.65	ug/l	99
68) m/p-Xylenes	10.36	106	269738	40.13	ug/l	96
69) o-Xylene	10.70	106	129401	19.71	ug/l	96
70) Styrene	10.71	104	216555	19.63	ug/l	98
71) Bromoform	10.86	173	53209	18.33	ug/l #	99
73) Isopropylbenzene	11.02	105	345936	20.58	ug/l	100
74) N-amyl acetate	6.47	43	153291	19.67	ug/l #	95
75) 1,1,1,2-Tetrachloroethane	11.27	83	107657	19.62	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	121478	25.29	ug/l	79
77) Bromobenzene	11.26	156	93731	19.73	ug/l	100
78) n-propylbenzene	11.36	91	391135	20.59	ug/l	100
79) 2-Chlorotoluene	11.42	91	234159	19.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	284693	20.44	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27094	18.81	ug/l	98
82) 4-Chlorotoluene	11.51	91	273450	20.00	ug/l	99
83) tert-Butylbenzene	11.77	119	272573	19.76	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	293331	20.76	ug/l	98
85) sec-Butylbenzene	11.95	105	332653	20.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	297248	20.16	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	169335	19.10	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171737	19.07	ug/l	100
89) n-Butylbenzene	12.39	91	245390	19.45	ug/l	100
90) Hexachloroethane	12.60	117	39702	17.96	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	172405	19.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20500	18.84	ug/l	93

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Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

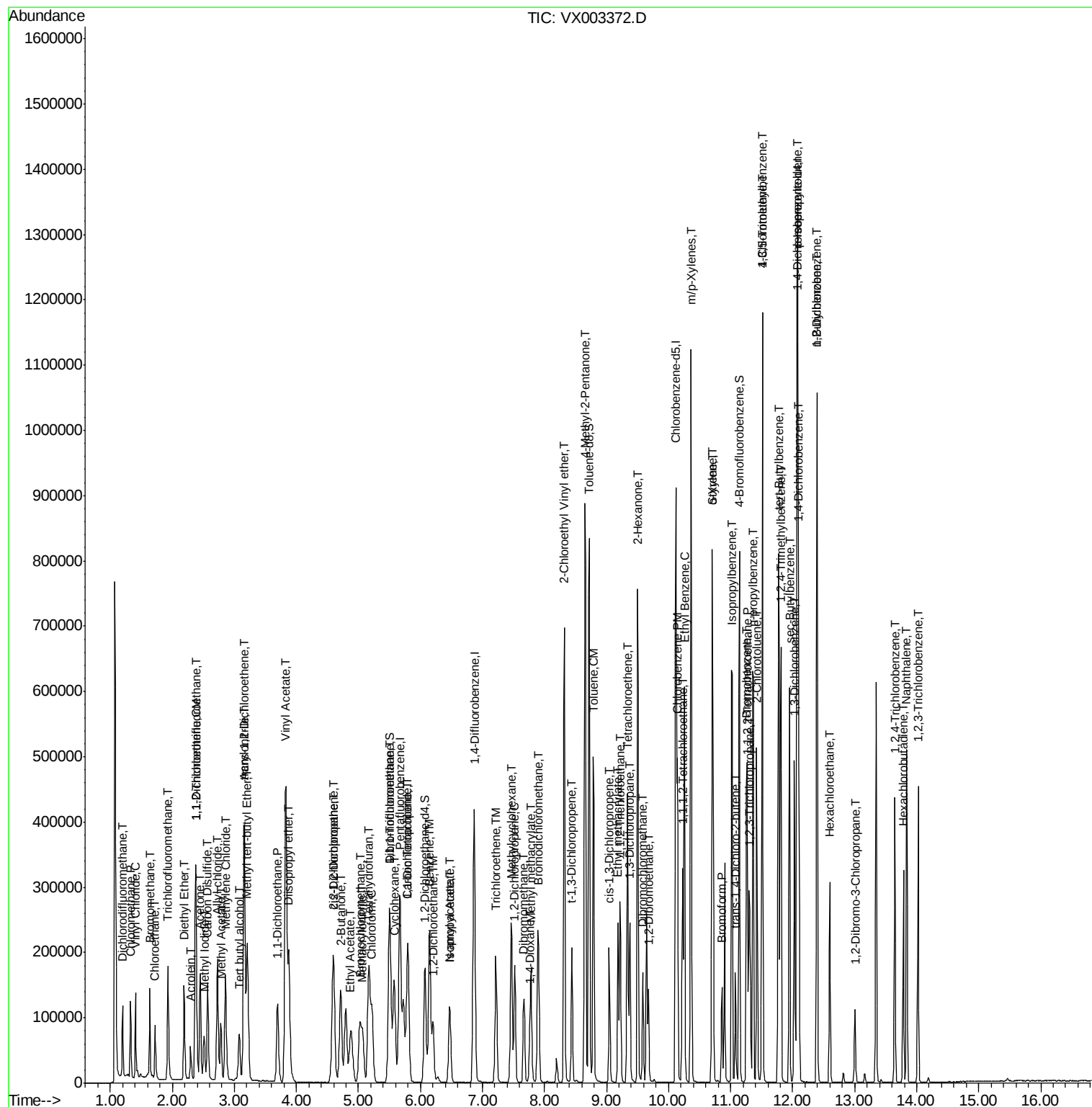
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114634	18.88	ug/l	99
94) Hexachlorobutadiene	13.79	225	52895	18.46	ug/l	99
95) Naphthalene	13.84	128	336185	19.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117618	19.20	ug/l	99

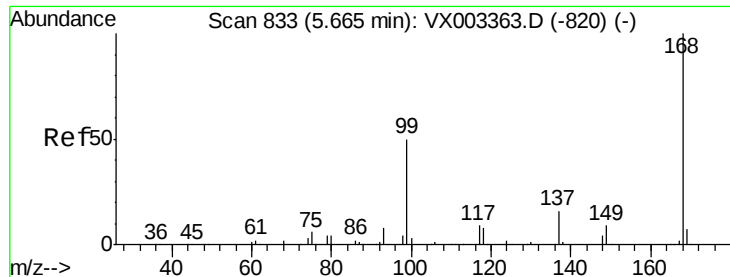
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

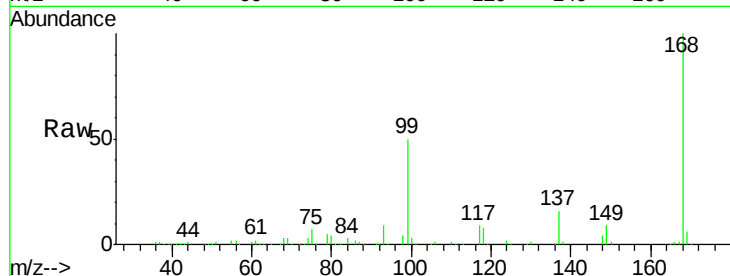
VX0713WBS01

Tot Ion:168 Resp: 294172

Ion Ratio Lower Upper

168 100

99 49.7 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

120000

100000

80000

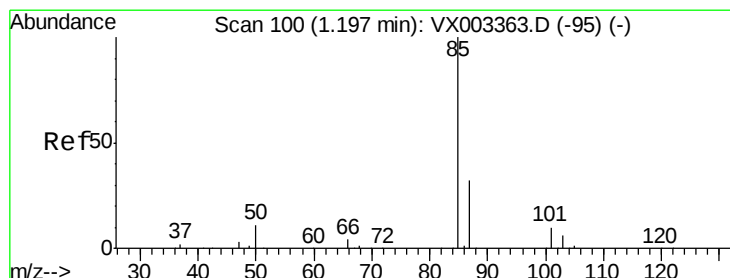
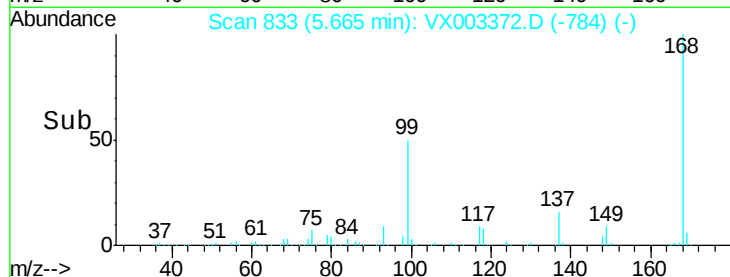
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 24.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003372.D

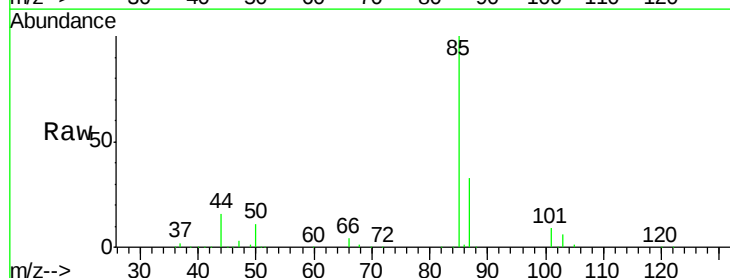
Acq: 13 Jul 2018 20:15

Tgt Ion: 85 Resp: 59356

Ion Ratio Lower Upper

85 100

87 33.2 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

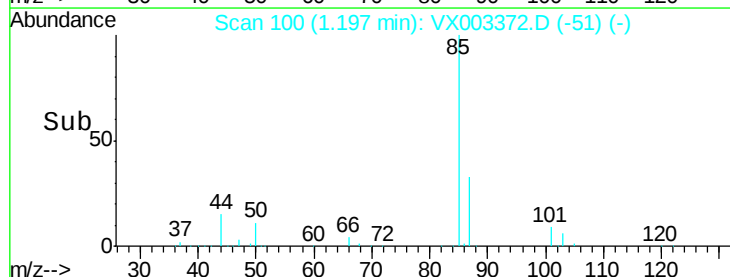
60000

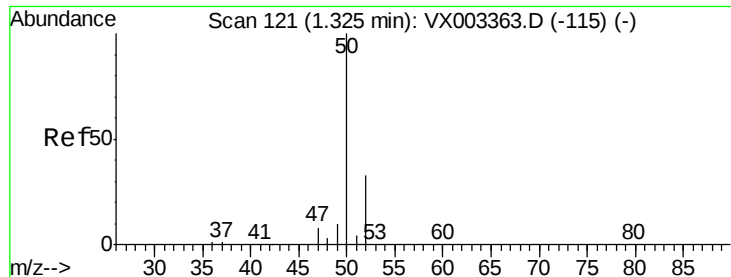
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 24.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

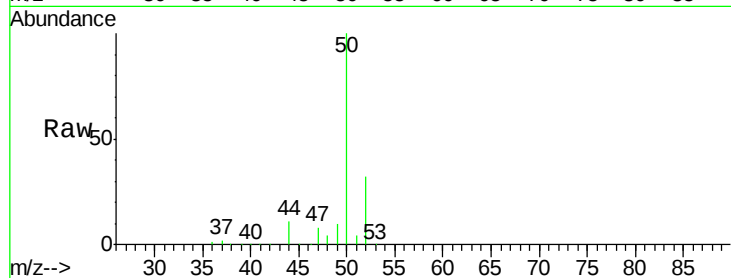
VX0713WBS01

Tot Ion: 50 Resp: 74639

Ion Ratio Lower Upper

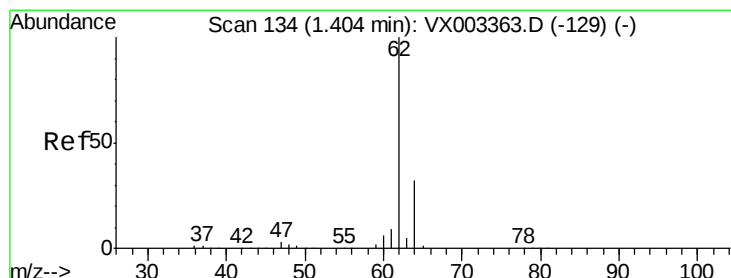
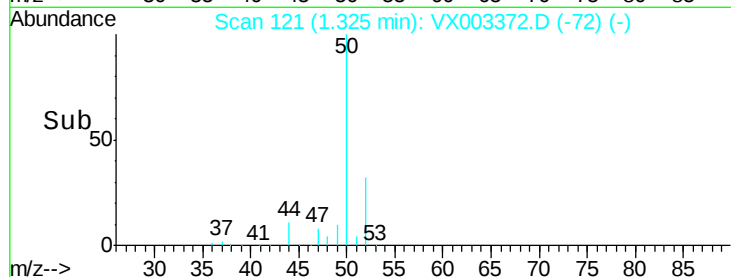
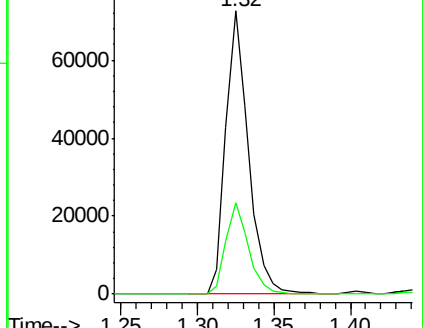
50 100

52 32.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.56 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003372.D

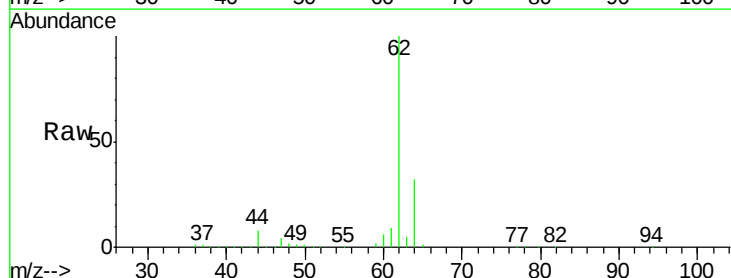
Acq: 13 Jul 2018 20:15

Tgt Ion: 62 Resp: 85678

Ion Ratio Lower Upper

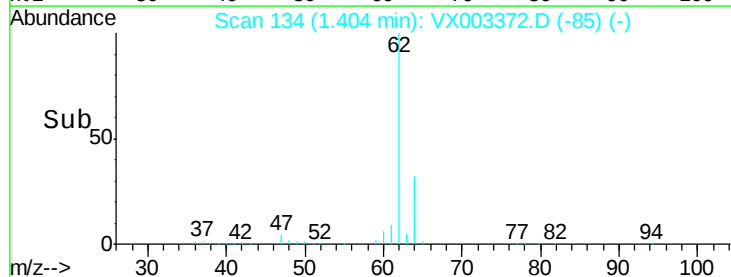
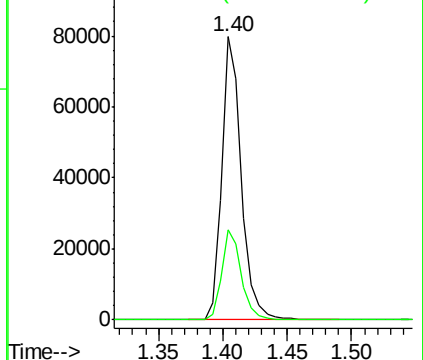
62 100

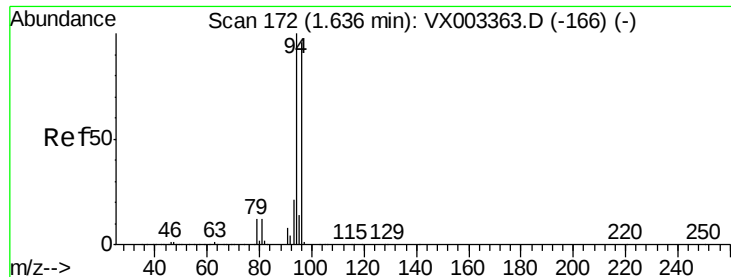
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

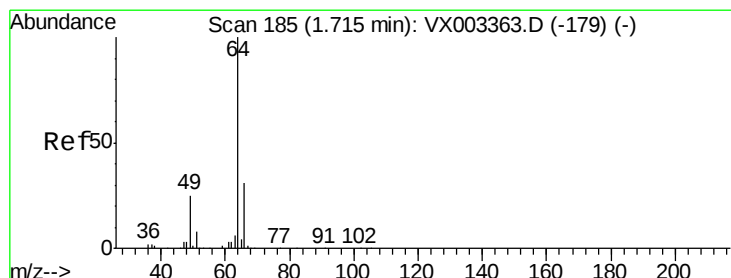
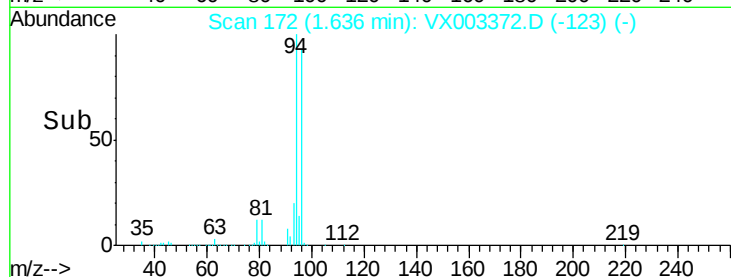
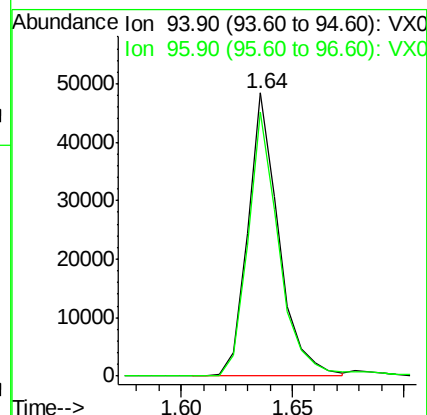
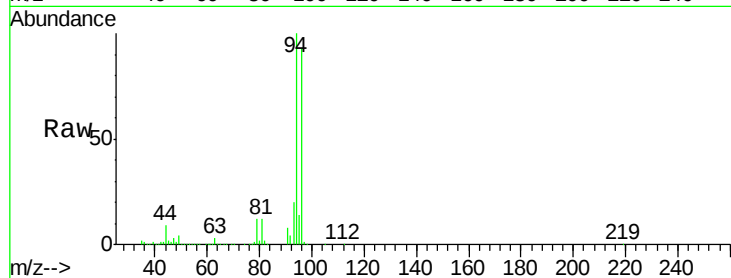
VX0713WBS01

Tot Ion: 94 Resp: 46465

Ion Ratio Lower Upper

94 100

96 93.3 74.9 112.3



#6

Chloroethane

Concen: 23.33 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003372.D

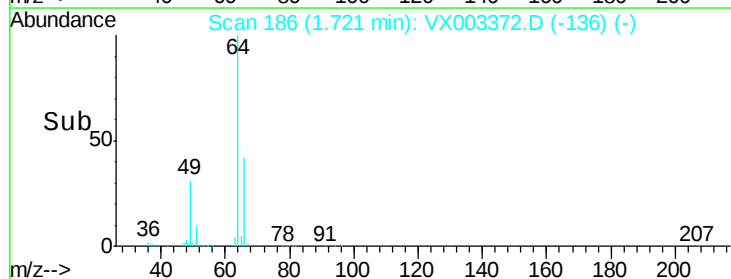
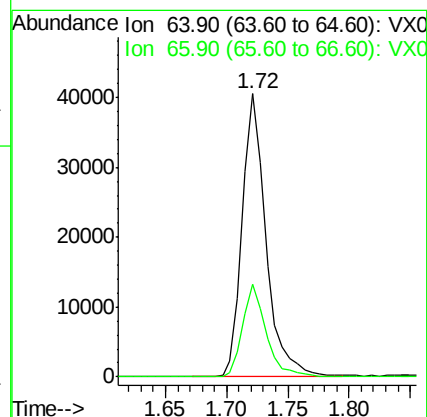
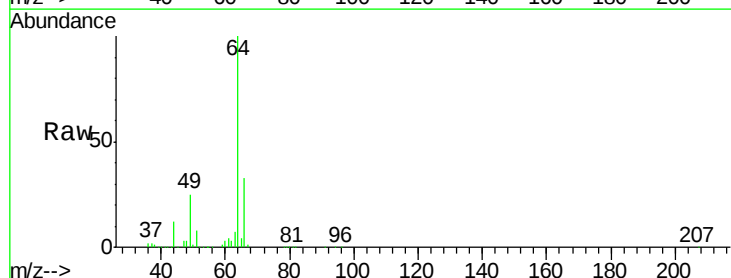
Acq: 13 Jul 2018 20:15

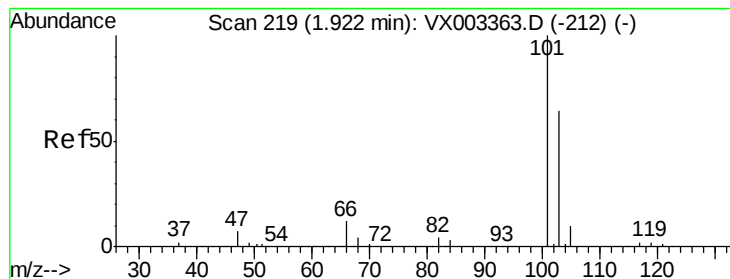
Tgt Ion: 64 Resp: 54558

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3





#7

Trichlorofluoromethane

Concen: 21.27 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

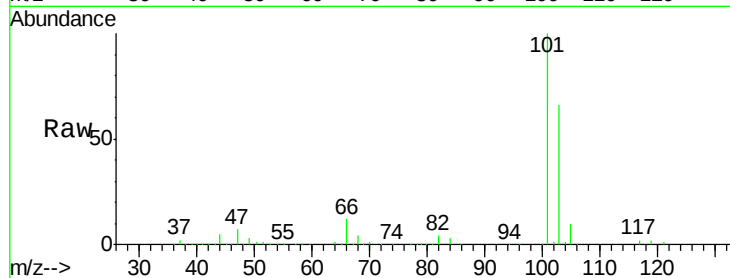
VX0713WBS01

Tot Ion:101 Resp: 116386

Ion Ratio Lower Upper

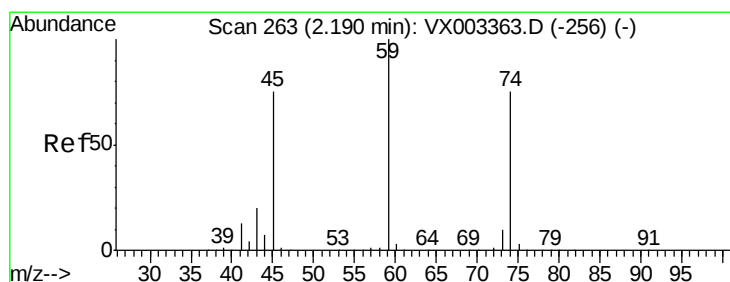
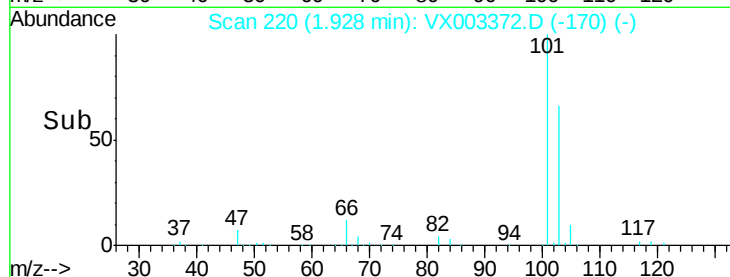
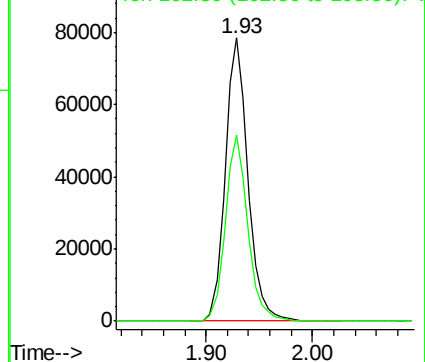
101 100

103 65.5 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: 20.64 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003372.D

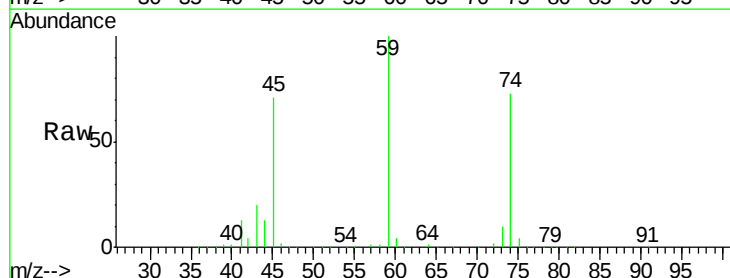
Acq: 13 Jul 2018 20:15

Tgt Ion: 74 Resp: 50020

Ion Ratio Lower Upper

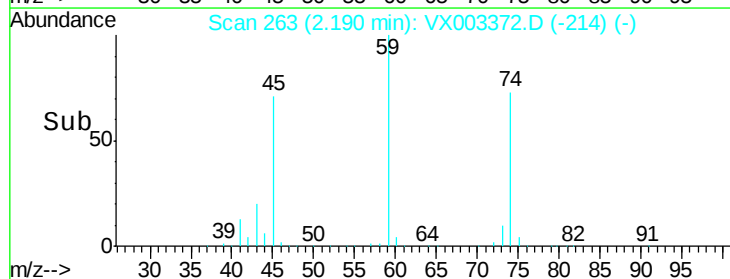
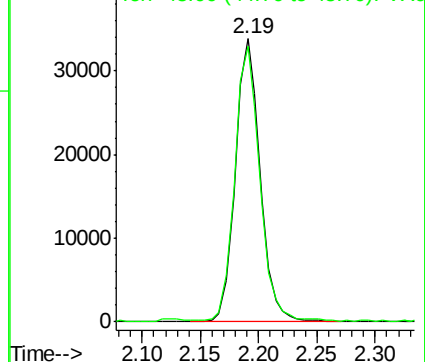
74 100

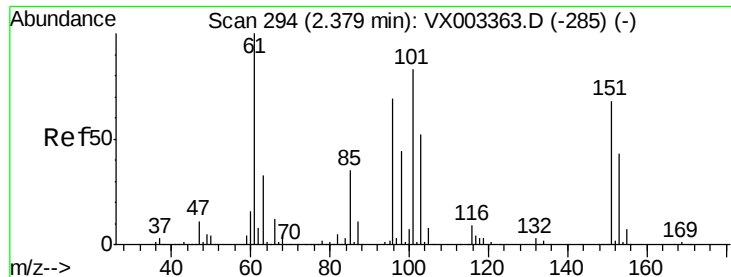
45 98.5 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

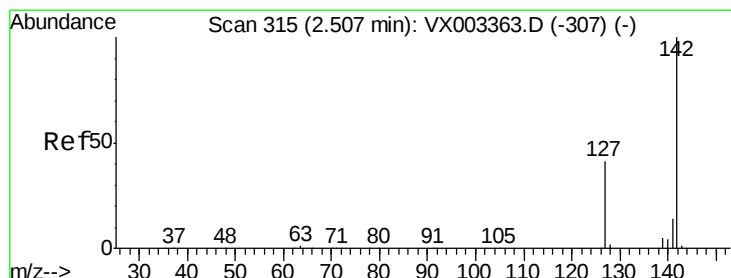
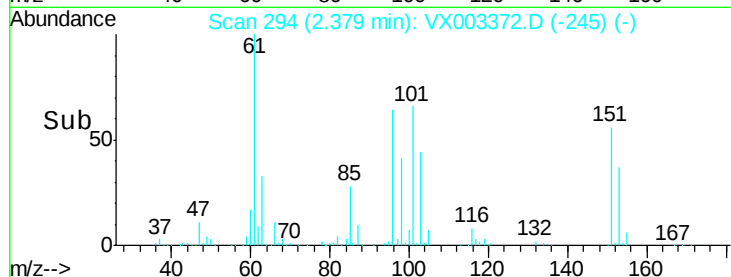
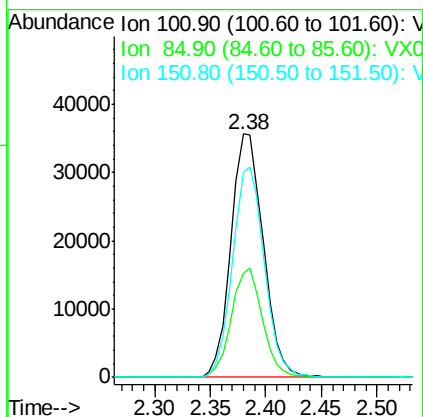
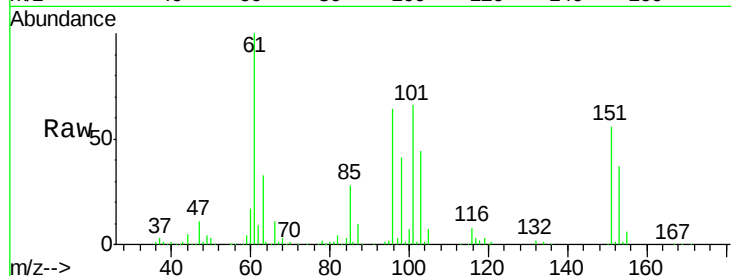




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.48 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

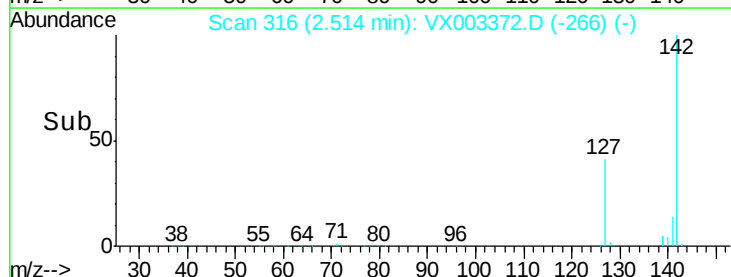
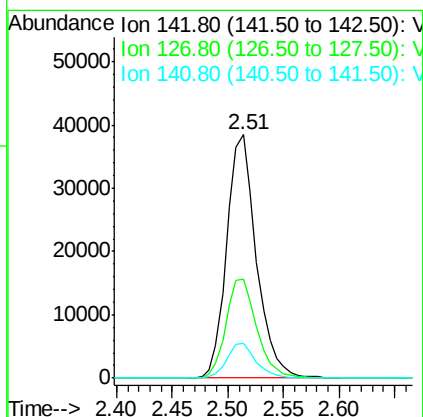
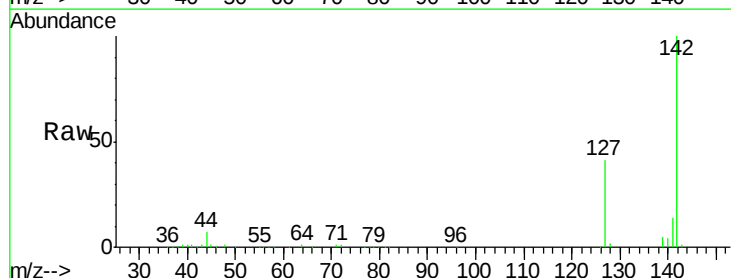
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

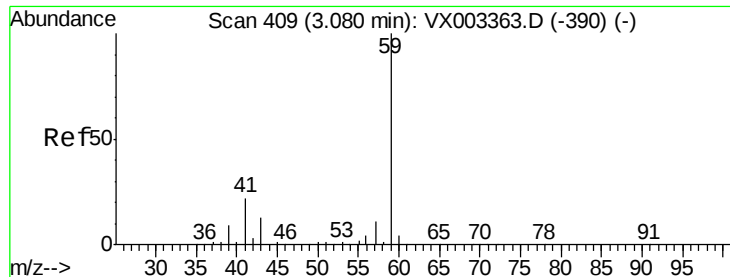
Tot Ion:101 Resp: 72020
 Ion Ratio Lower Upper
 101 100
 85 43.1 36.0 54.0
 151 84.8 70.9 106.3



#10
 Methyl Iodide
 Concen: 19.85 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion:142 Resp: 70916
 Ion Ratio Lower Upper
 142 100
 127 42.3 36.6 55.0
 141 14.1 11.3 16.9



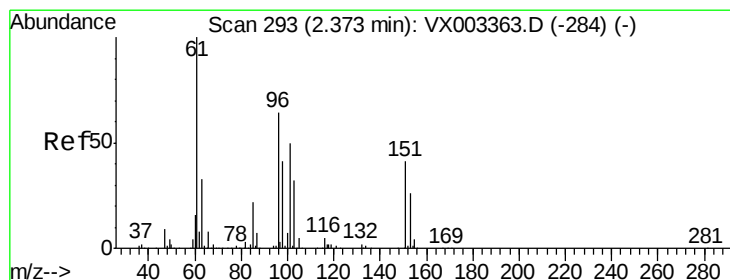
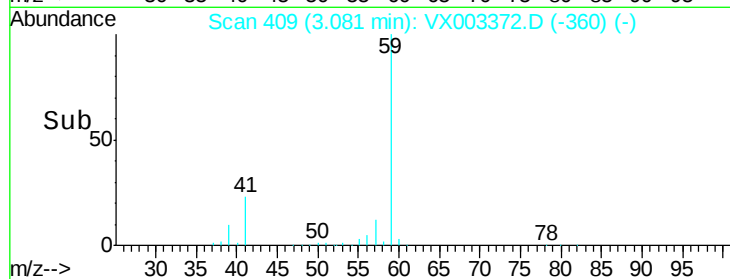
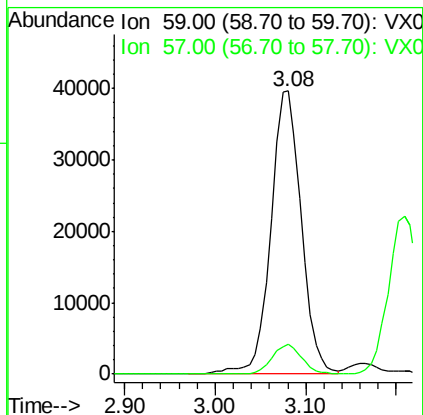
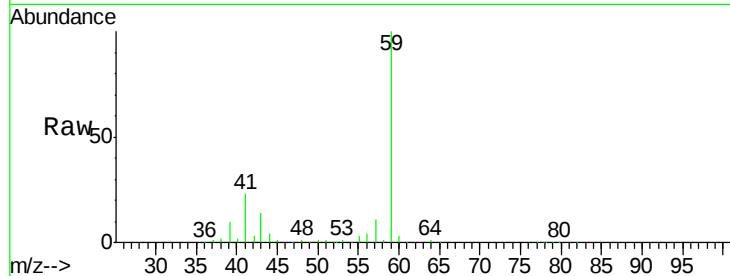


#11

Tert butyl alcohol
 Concen: 107.97 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

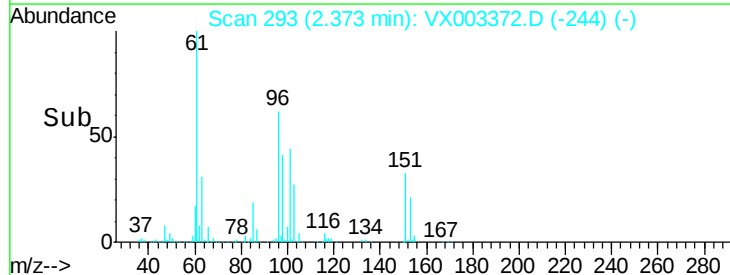
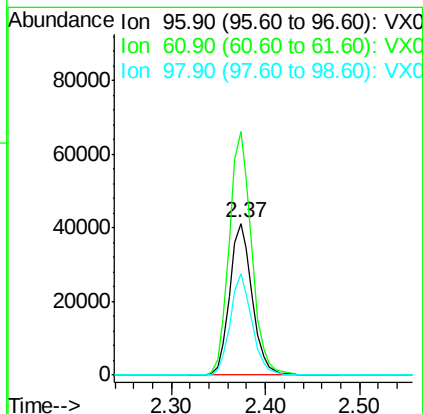
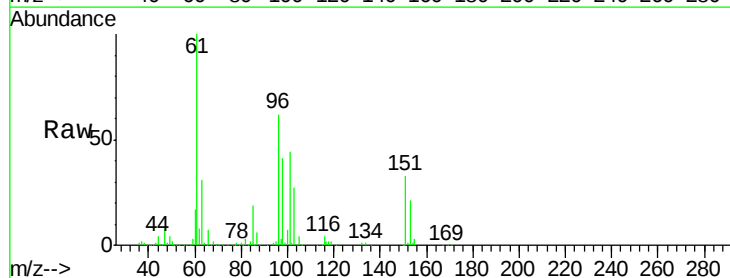
Tot Ion: 59 Resp: 92102
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

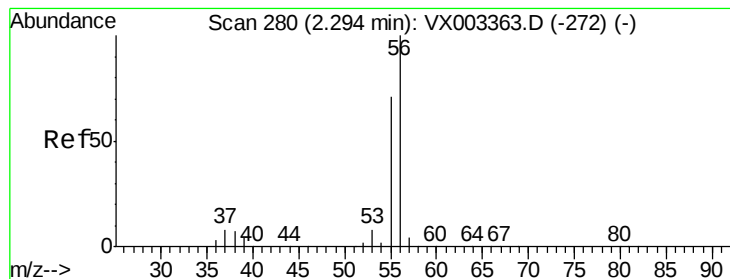


#12

1,1-Dichloroethene
 Concen: 20.85 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion: 96 Resp: 68082
 Ion Ratio Lower Upper
 96 100
 61 160.2 137.9 206.9
 98 66.5 51.6 77.4





#13

Acrolein

Concen: 125.24 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampled :

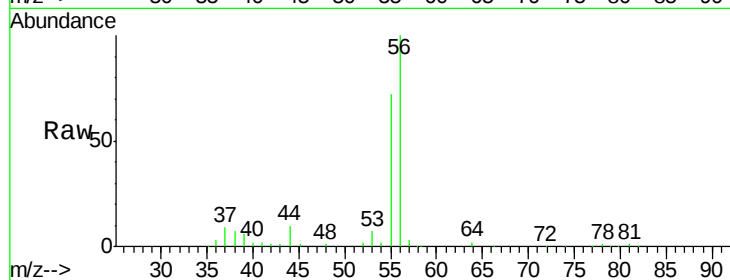
VX0713WBS01

Tot Ion: 56 Resp: 39154

Ion Ratio Lower Upper

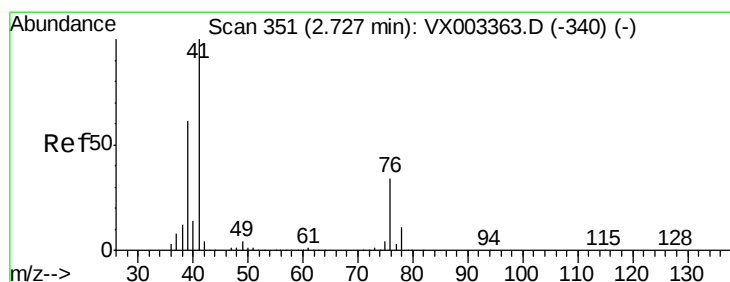
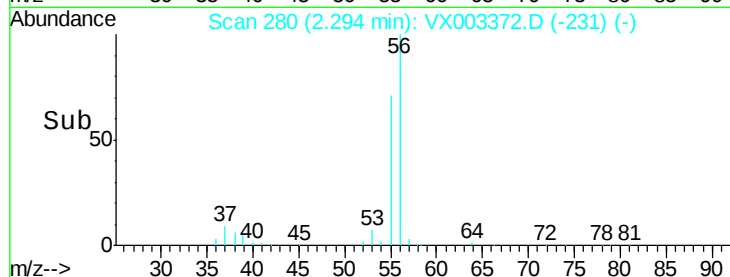
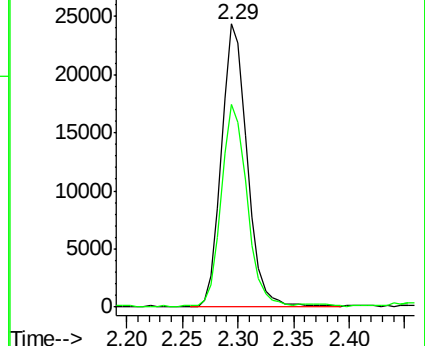
56 100

55 70.6 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: 20.81 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

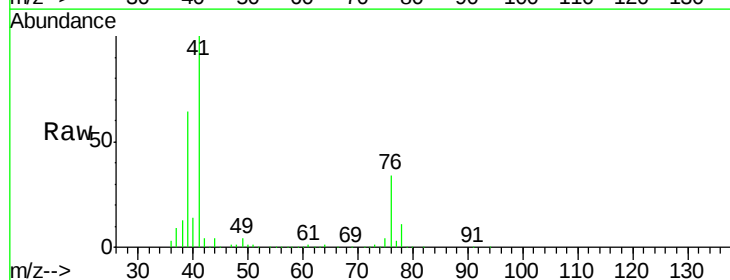
Tgt Ion: 41 Resp: 130367

Ion Ratio Lower Upper

41 100

39 59.6 56.8 85.2

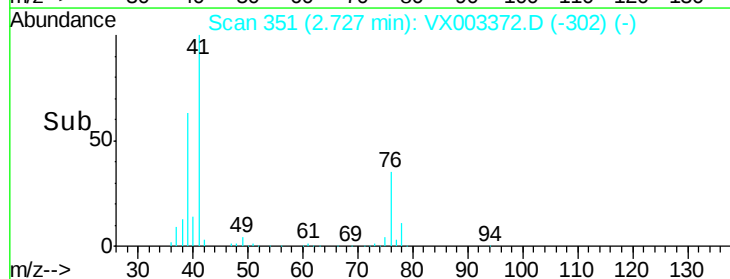
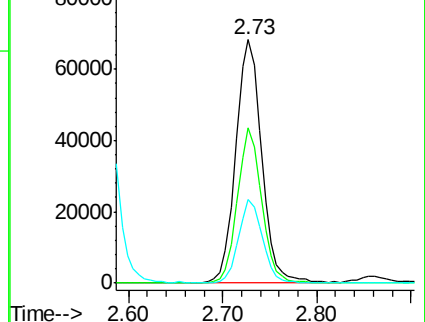
76 31.7 23.8 35.8

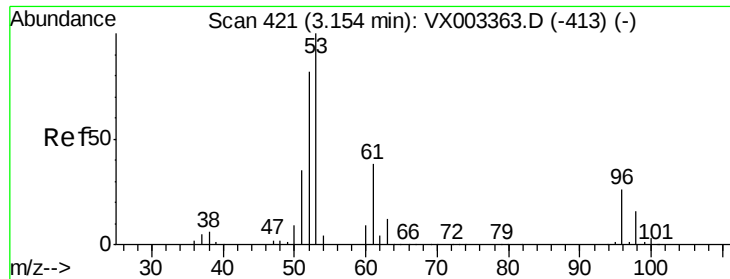


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 100.26 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

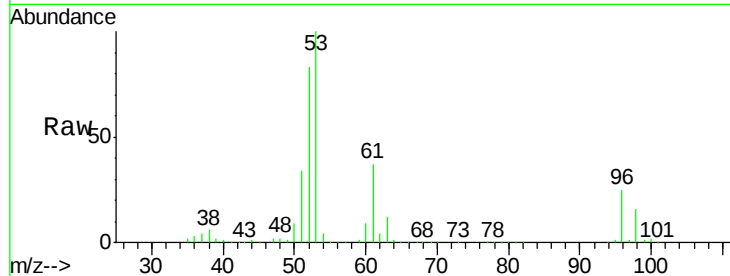
Tot Ion: 53 Resp: 213524

Ion Ratio Lower Upper

53 100

52 82.4 66.7 100.1

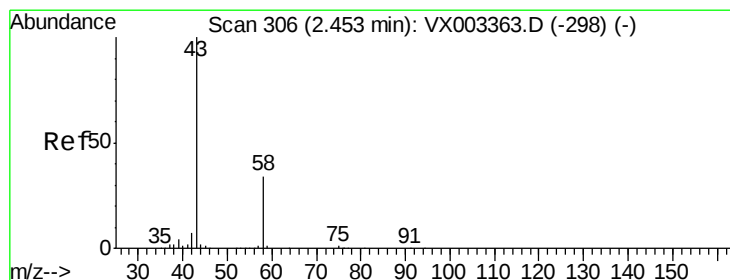
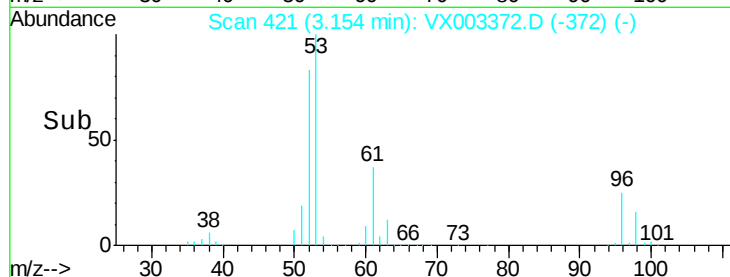
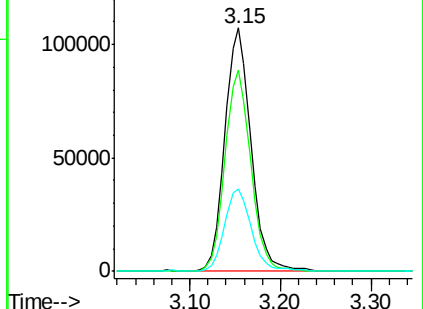
51 35.2 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 104.07 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003372.D

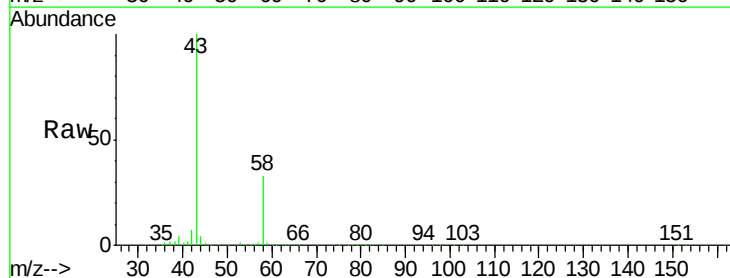
Acq: 13 Jul 2018 20:15

Tgt Ion: 43 Resp: 171854

Ion Ratio Lower Upper

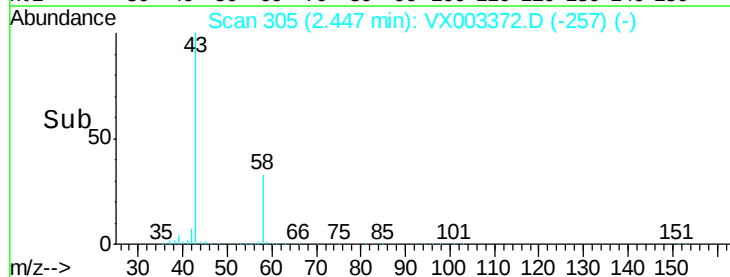
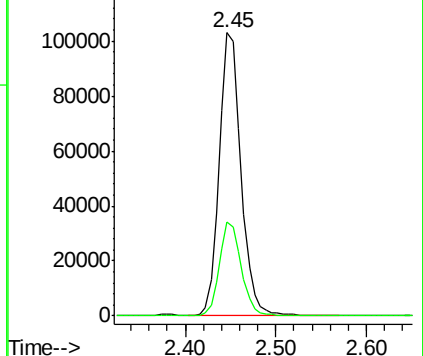
43 100

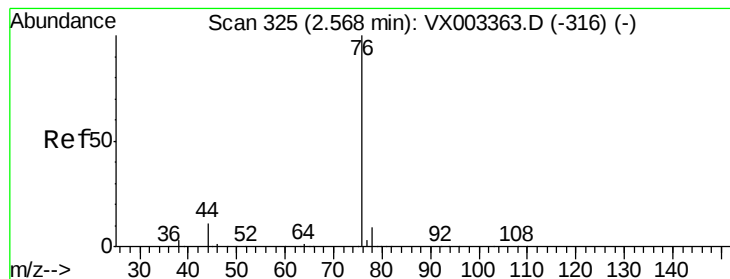
58 33.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 23.67 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

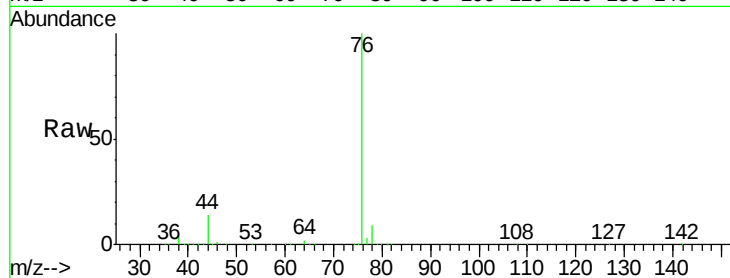
VX0713WBS01

Tot Ion: 76 Resp: 189828

Ion Ratio Lower Upper

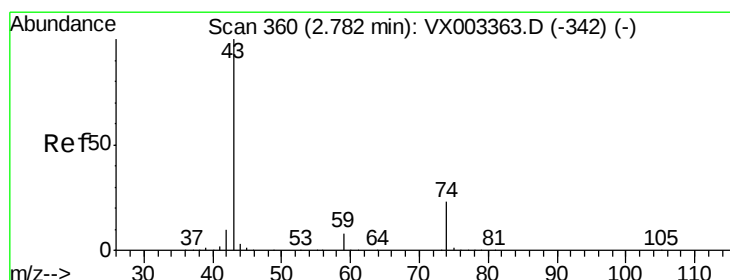
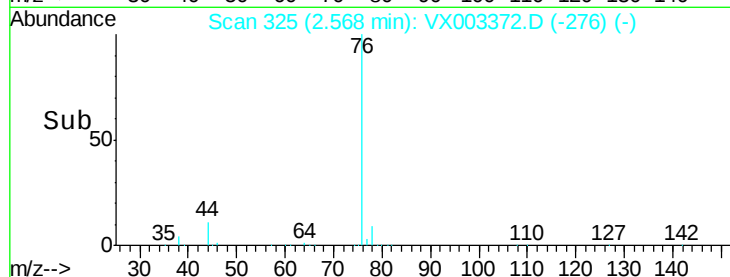
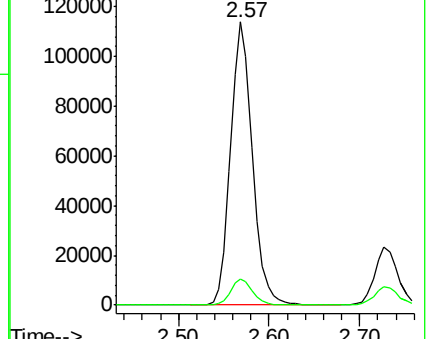
76 100

78 9.2 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: 20.44 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003372.D

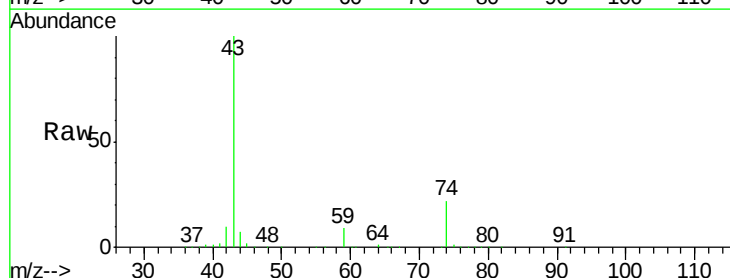
Acq: 13 Jul 2018 20:15

Tgt Ion: 43 Resp: 104821

Ion Ratio Lower Upper

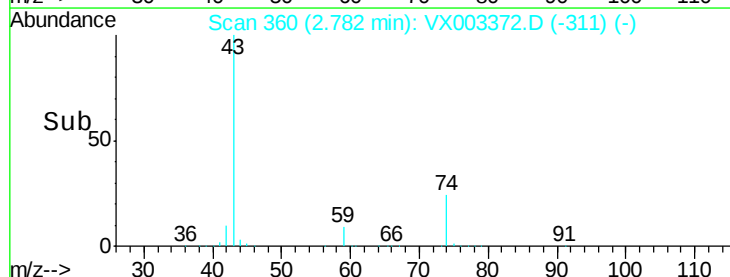
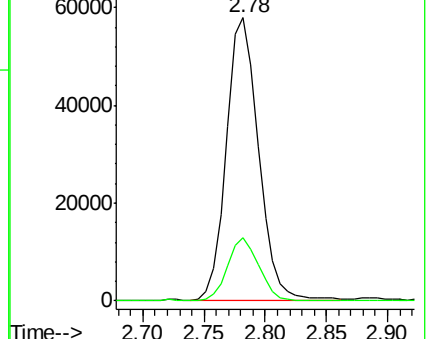
43 100

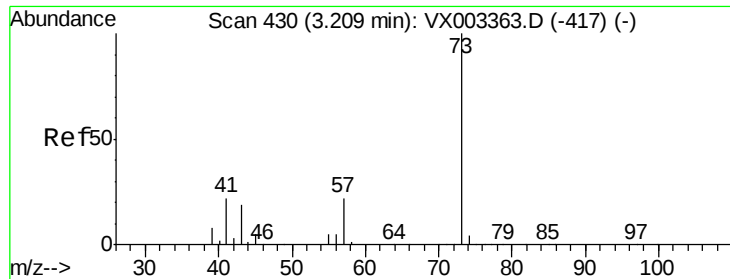
74 21.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

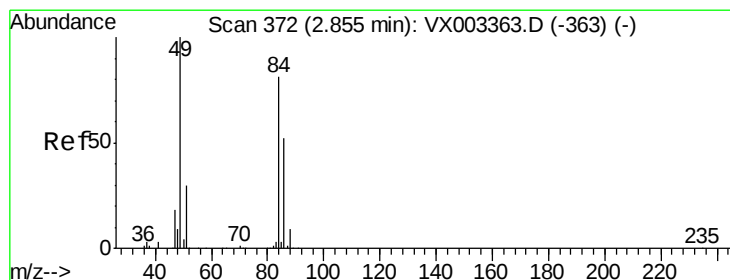
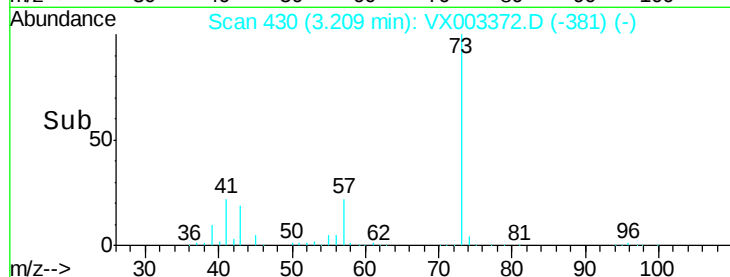
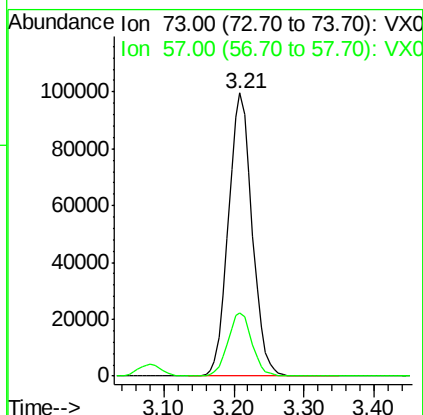
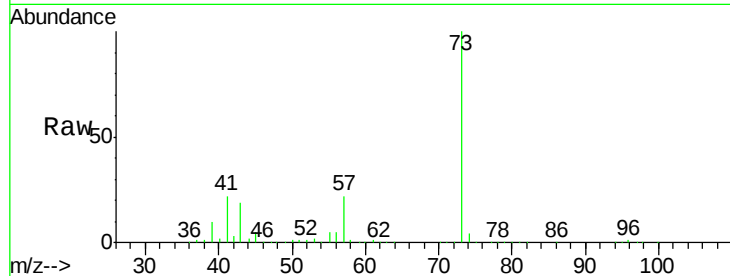




#19
Methyl tert-butyl Ether
Concen: 20.08 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

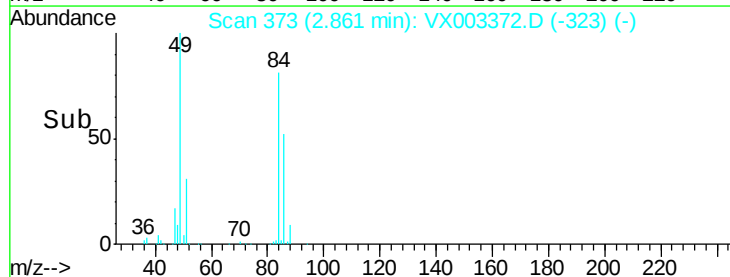
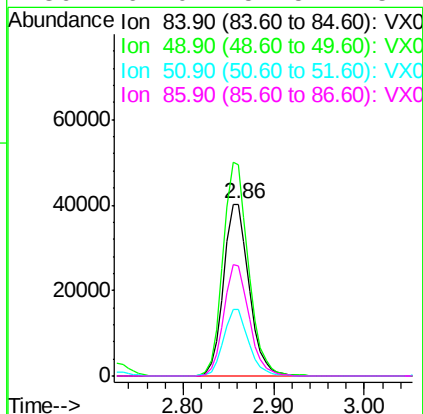
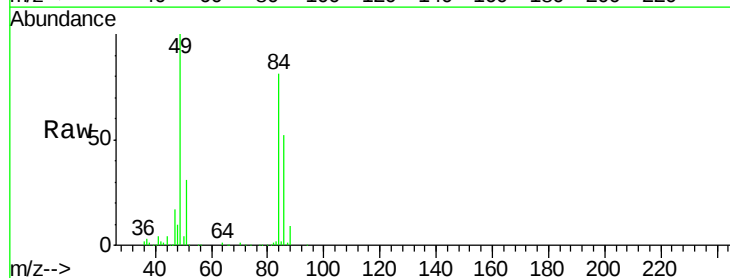
Instrument :
MSVOA_X
ClientSampled :
VX0713WBS01

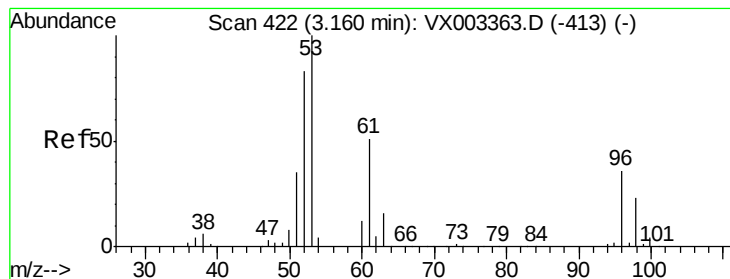
Tot Ion: 73 Resp: 234469
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 21.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion: 84 Resp: 79103
Ion Ratio Lower Upper
84 100
49 122.8 107.8 161.6
51 38.4 32.8 49.2
86 64.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.02 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

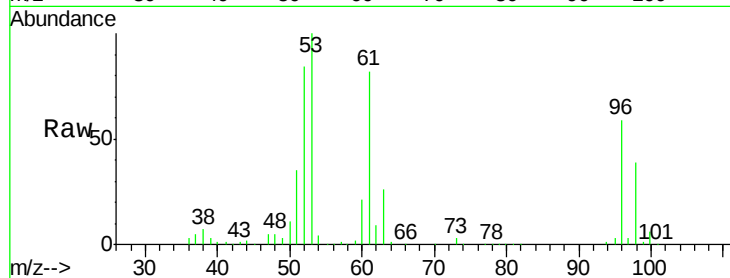
Tot Ion: 96 Resp: 73254

Ion Ratio Lower Upper

96 100

61 138.5 117.0 175.4

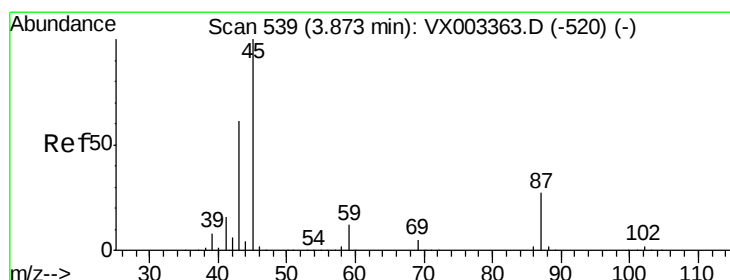
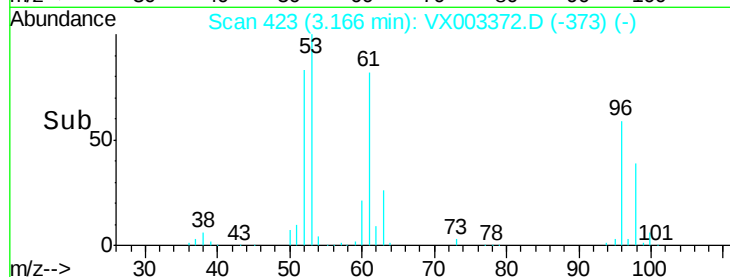
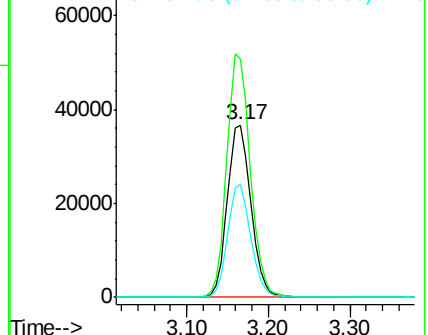
98 65.9 52.4 78.6



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: 19.15 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Tgt Ion: 45 Resp: 223343

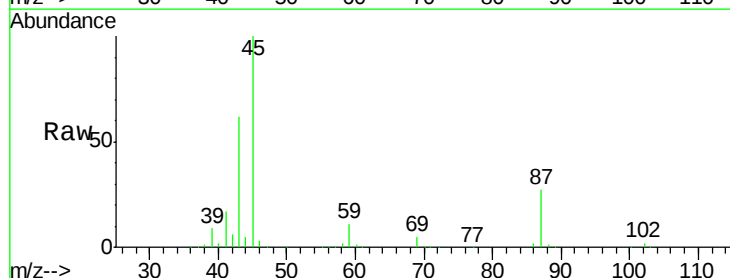
Ion Ratio Lower Upper

45 100

43 61.8 46.8 70.2

87 27.1 20.2 30.4

59 10.8 8.7 13.1

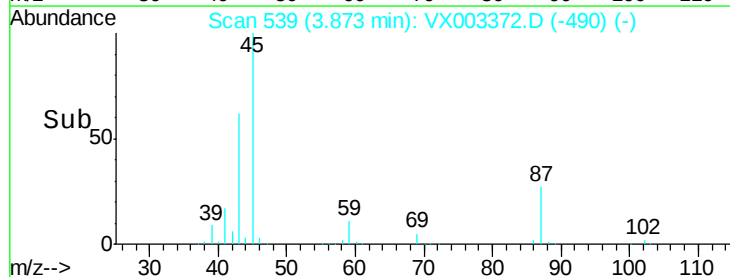
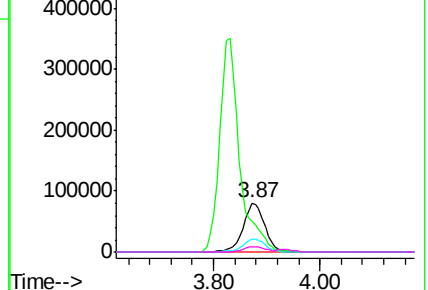


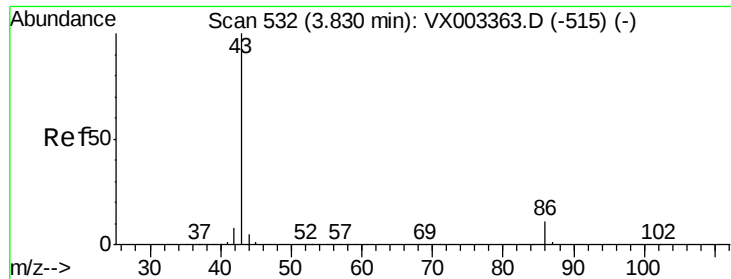
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 96.60 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

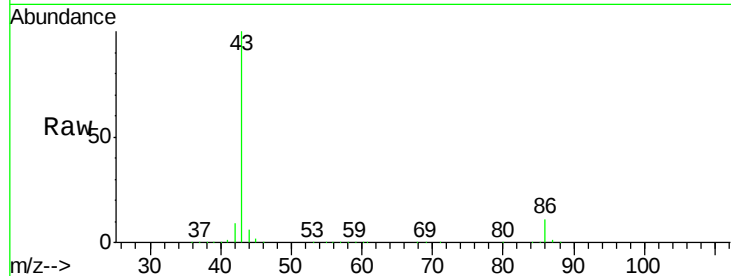
VX0713WBS01

Tot Ion: 43 Resp: 920478

Ion Ratio Lower Upper

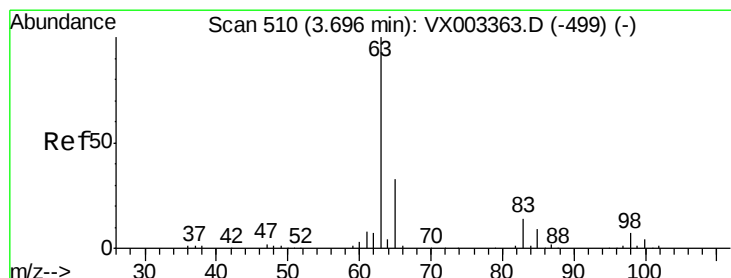
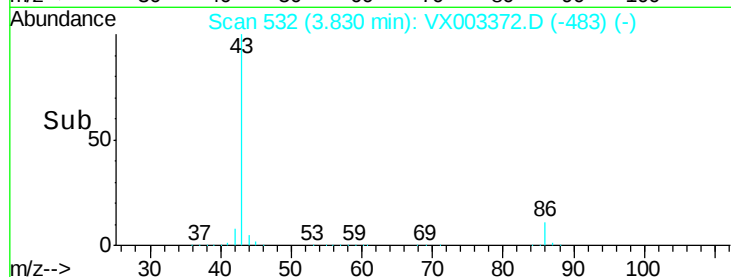
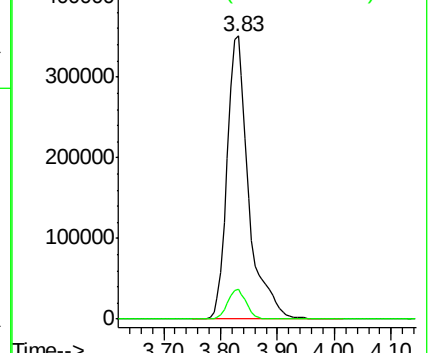
43 100

86 10.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.23 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

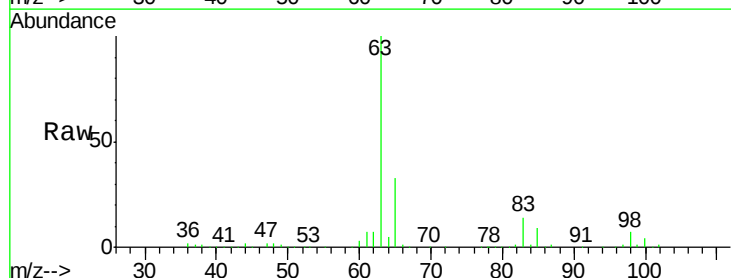
Tgt Ion: 63 Resp: 140334

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

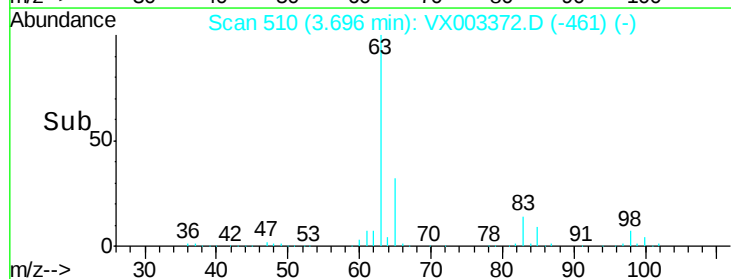
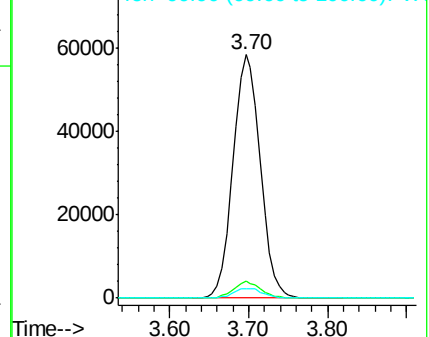
100 3.8 2.0 6.0

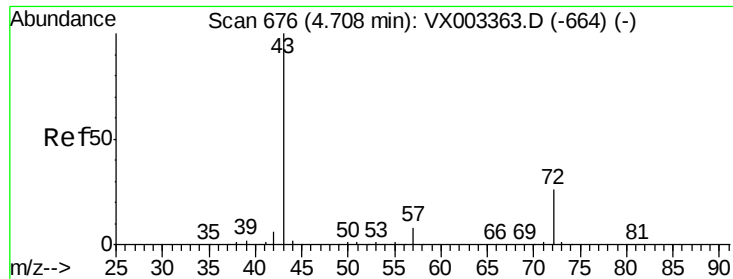


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

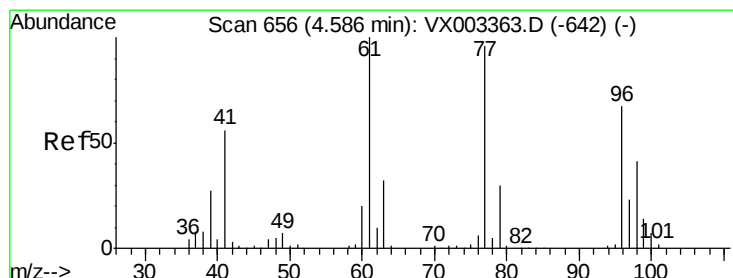
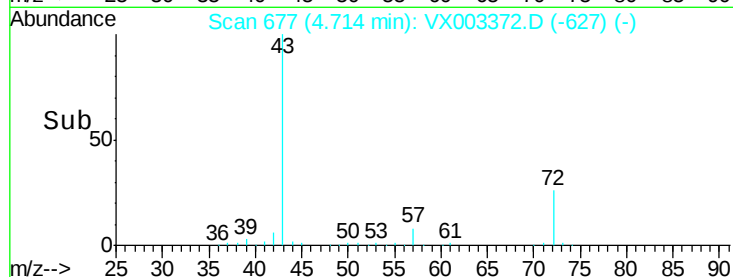
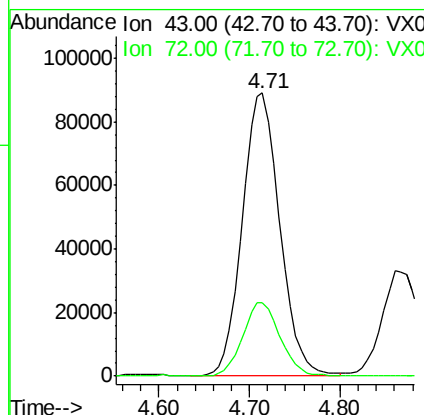
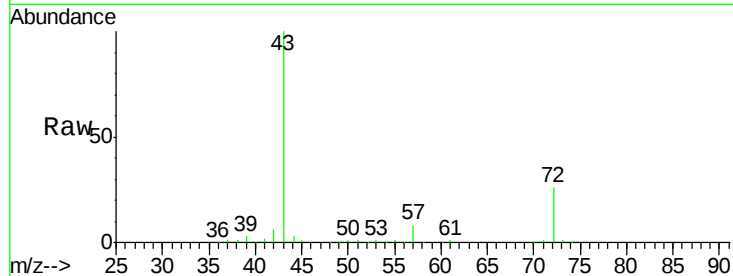




#25
 2-Butanone
 Concen: 99.28 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. 0.01 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

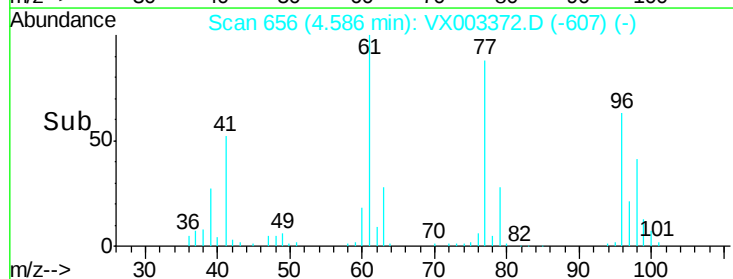
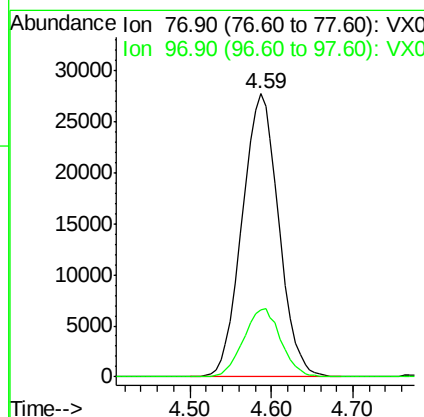
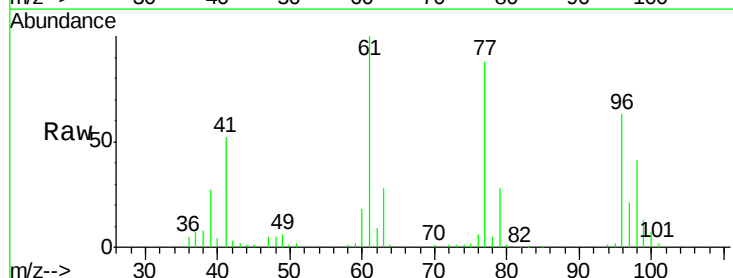
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

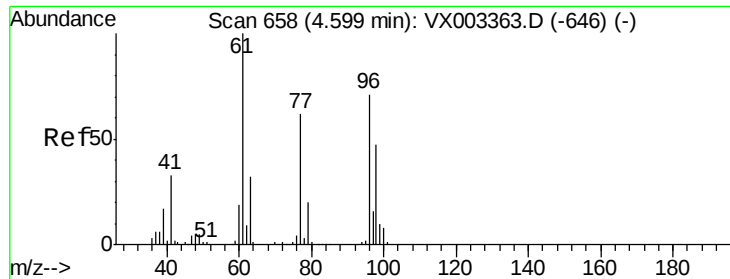
Tot Ion: 43 Resp: 254101
 Ion Ratio Lower Upper
 43 100
 72 25.9 18.5 27.7



#26
 2,2-Dichloropropane
 Concen: 18.47 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion: 77 Resp: 86445
 Ion Ratio Lower Upper
 77 100
 97 24.4 11.2 33.5



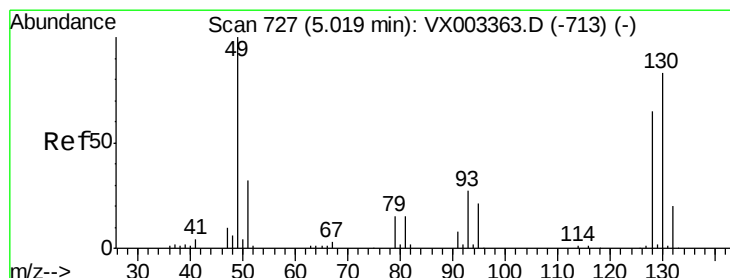
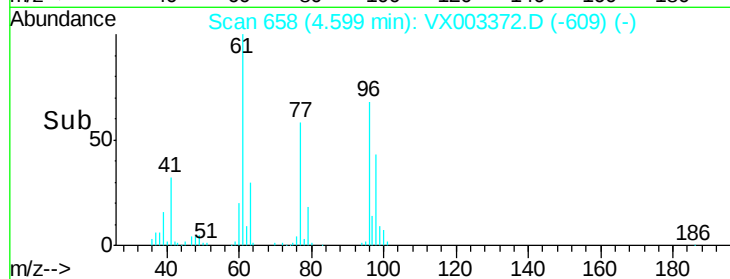
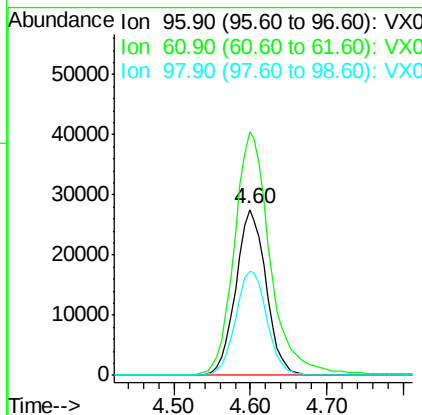
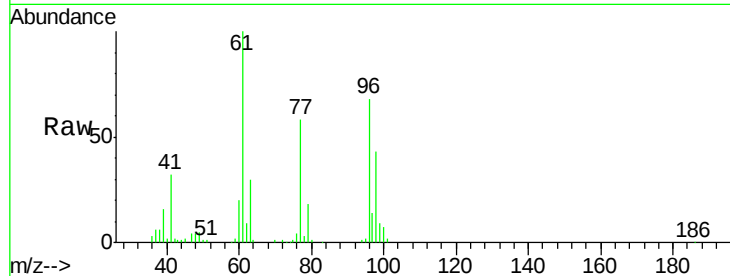


#27

cis-1,2-Dichloroethene
 Concen: 19.75 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

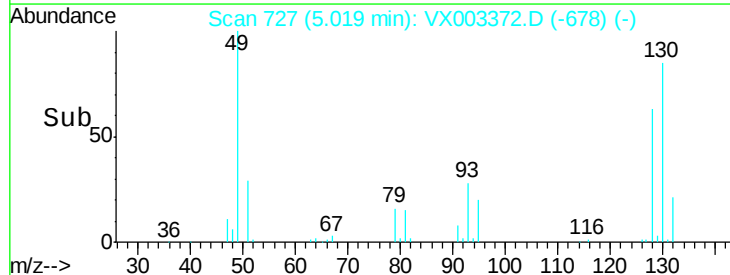
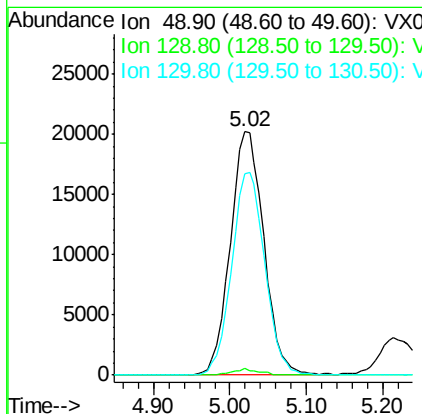
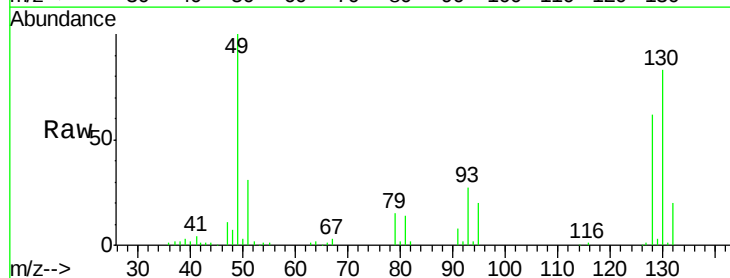
Tot Ion: 96 Resp: 75662
 Ion Ratio Lower Upper
 96 100
 61 174.8 0.0 330.2
 98 65.0 0.0 130.2

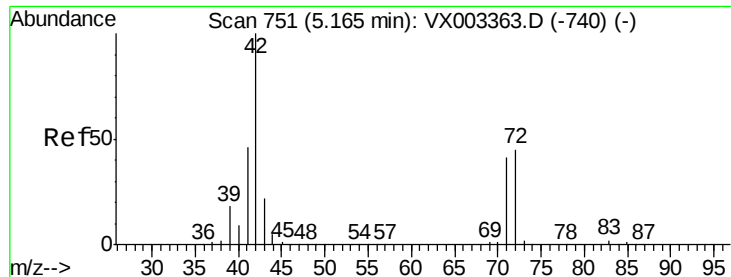


#28

Bromochloromethane
 Concen: 20.33 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion: 49 Resp: 61250
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 82.3 61.2 91.8

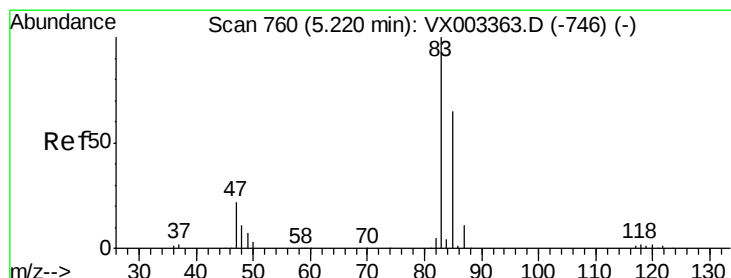
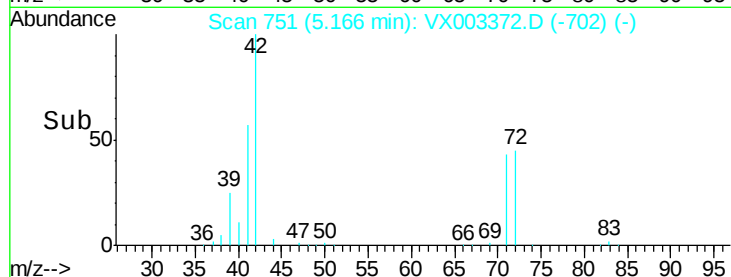
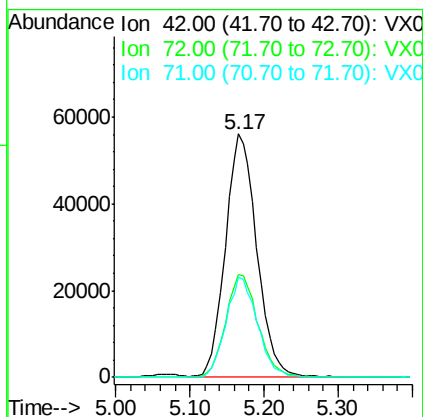
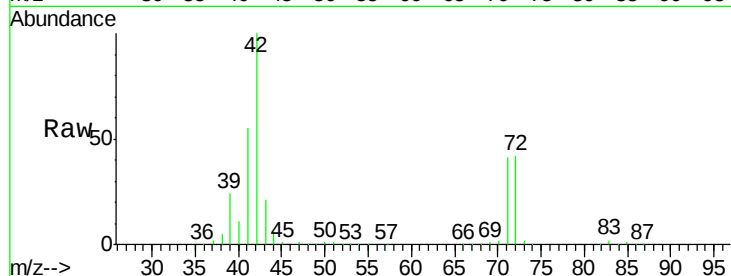




#29
Tetrahydrofuran
Concen: 100.61 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

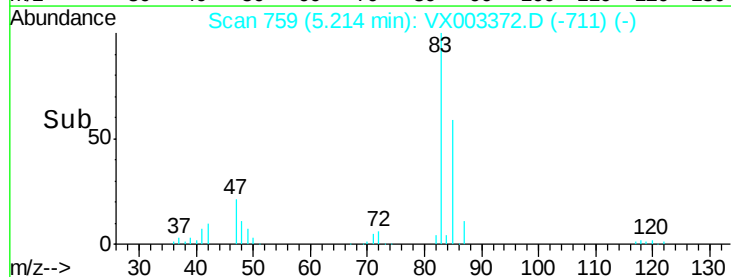
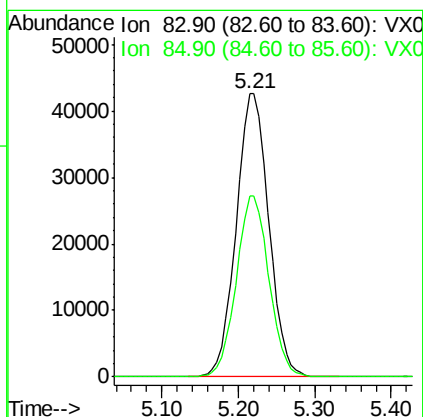
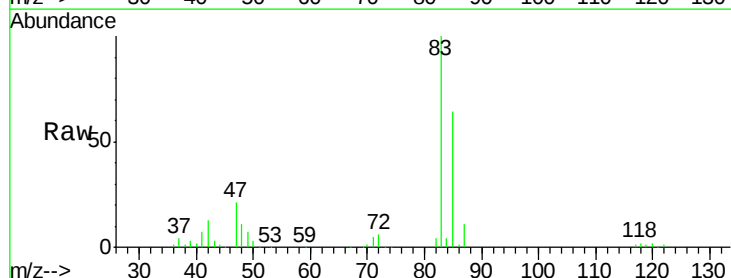
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

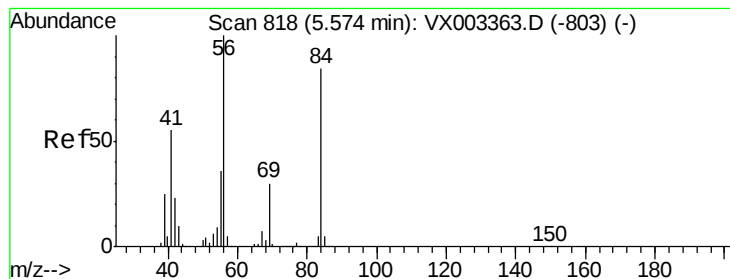
Tot Ion: 42 Resp: 164505
Ion Ratio Lower Upper
42 100
72 43.9 32.0 48.0
71 41.1 30.1 45.1



#30
Chloroform
Concen: 19.88 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion: 83 Resp: 125951
Ion Ratio Lower Upper
83 100
85 64.0 50.4 75.6





#31

Cyclohexane

Concen: 21.41 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

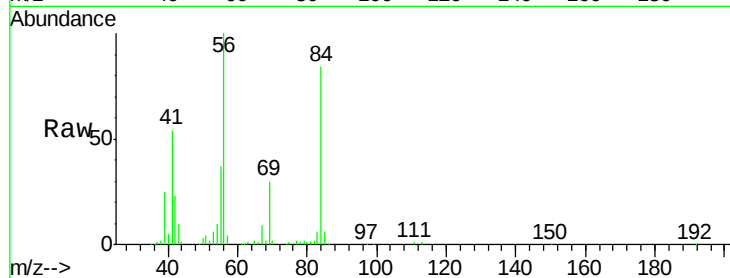
Tot Ion: 56 Resp: 108321

Ion Ratio Lower Upper

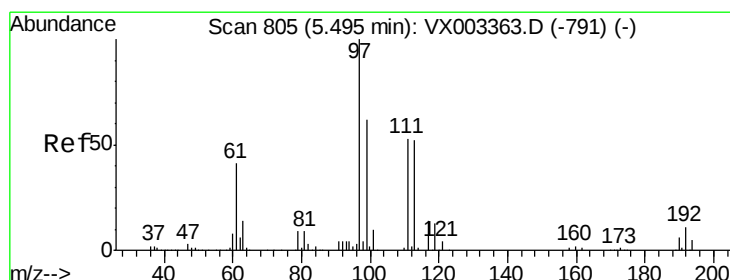
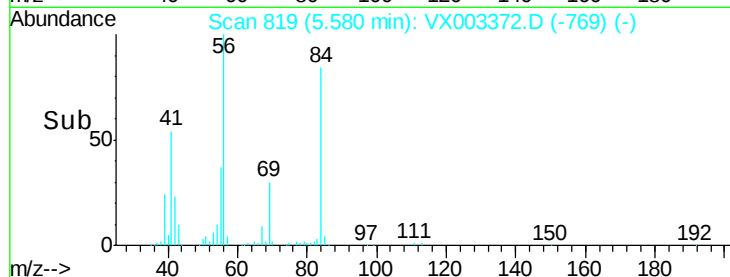
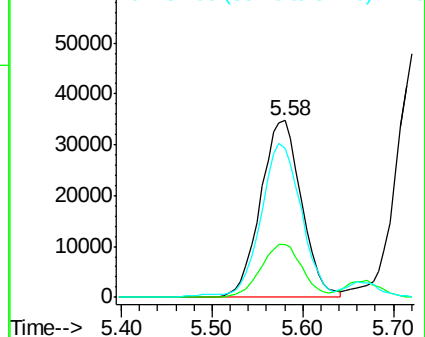
56 100

69 29.7 23.7 35.5

84 83.5 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.03 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

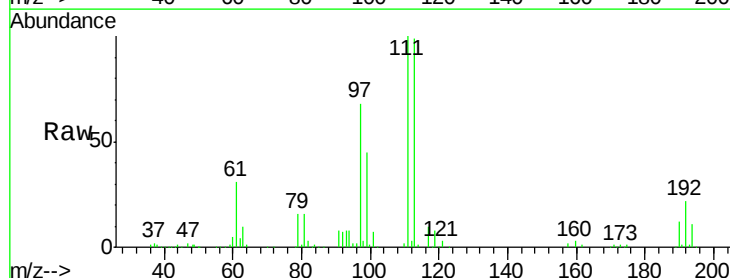
Tgt Ion: 97 Resp: 105728

Ion Ratio Lower Upper

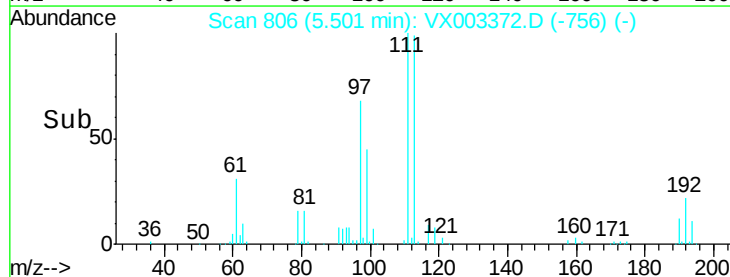
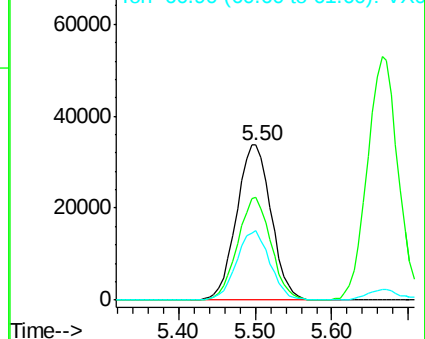
97 100

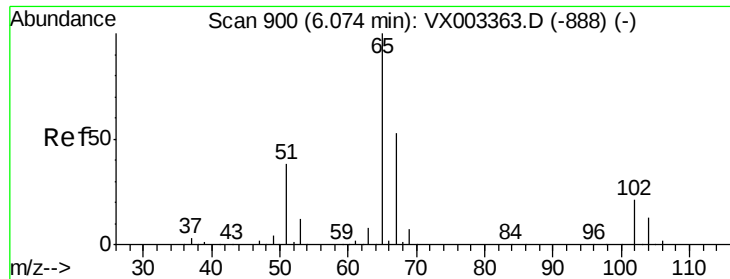
99 63.9 51.6 77.4

61 43.4 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

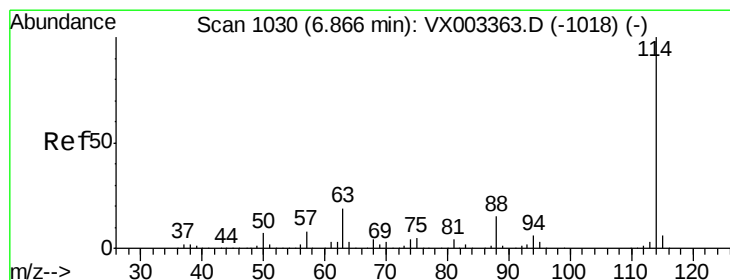
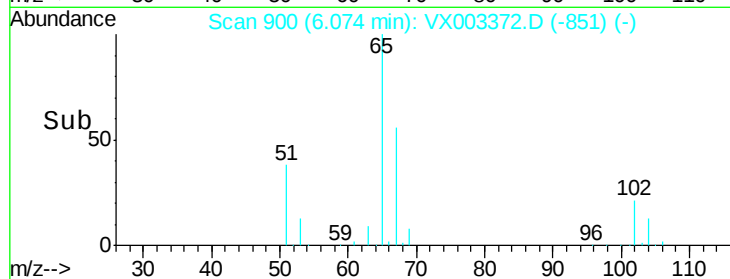
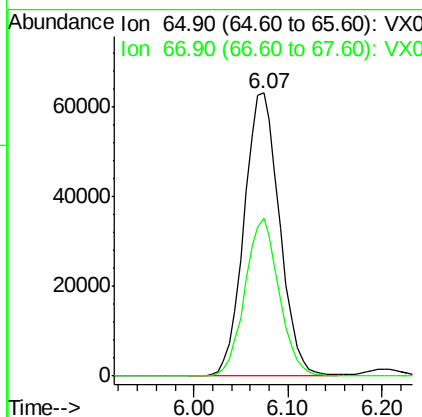
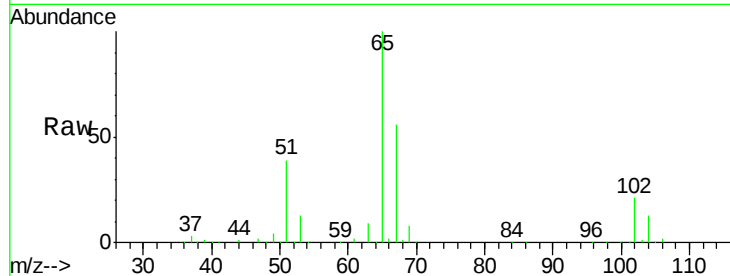




#33
 1,2-Dichloroethane-d4
 Concen: 51.70 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

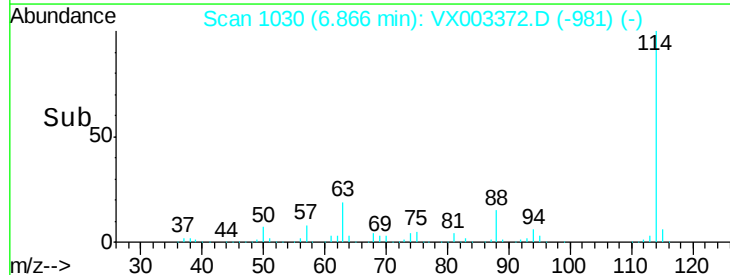
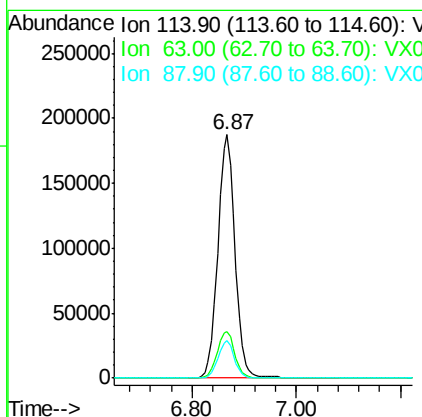
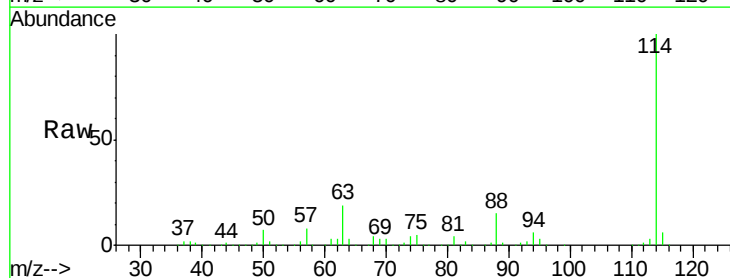
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

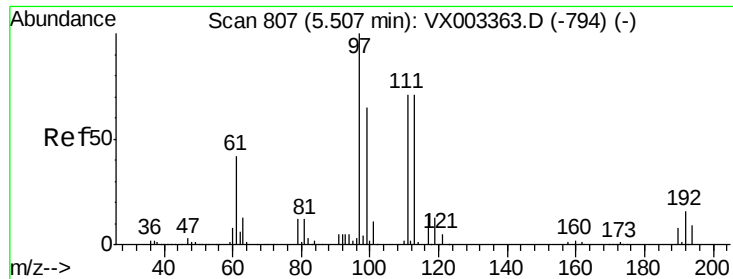
Tot Ion: 65 Resp: 166670
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion: 114 Resp: 433240
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 15.3 0.0 30.0

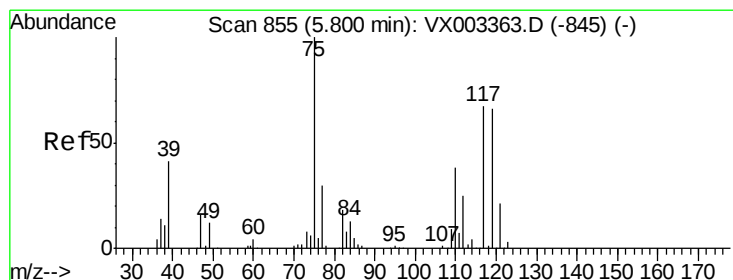
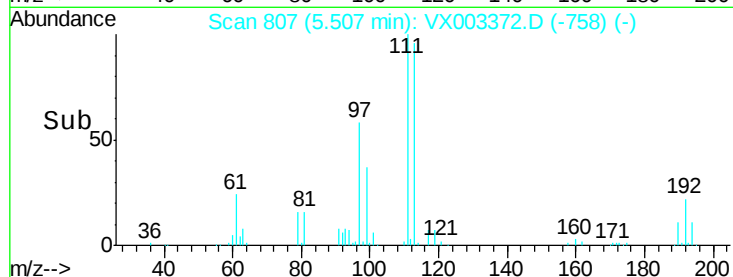
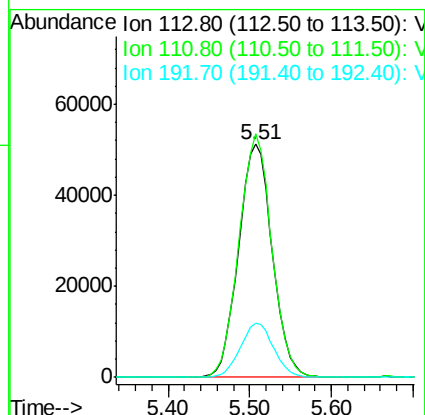
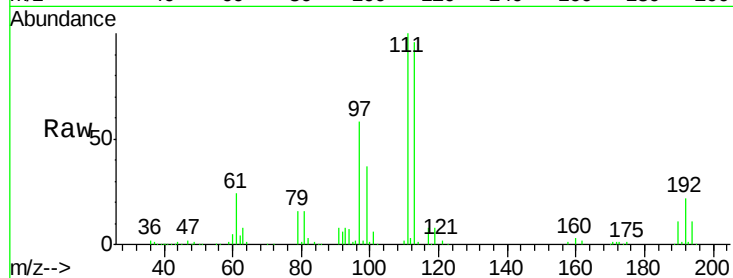




#35
 Dibromofluoromethane
 Concen: 46.07 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

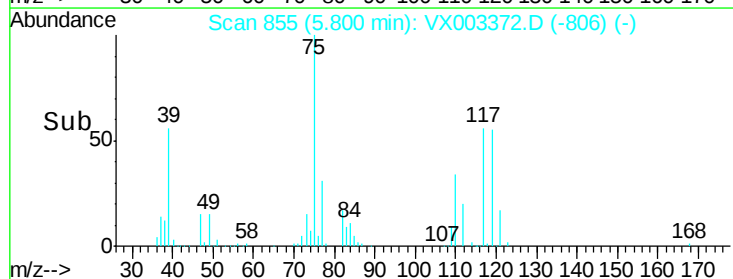
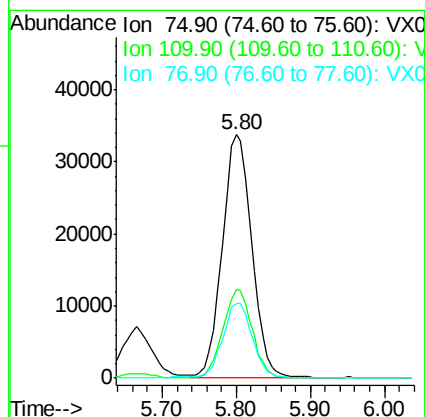
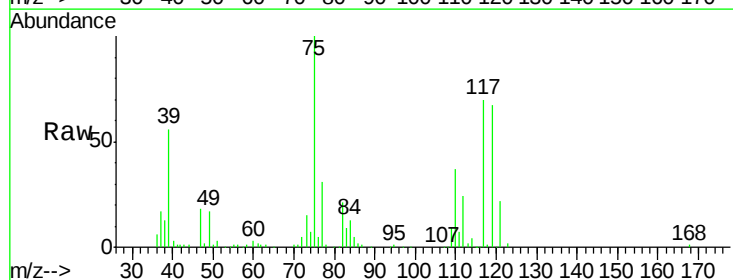
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

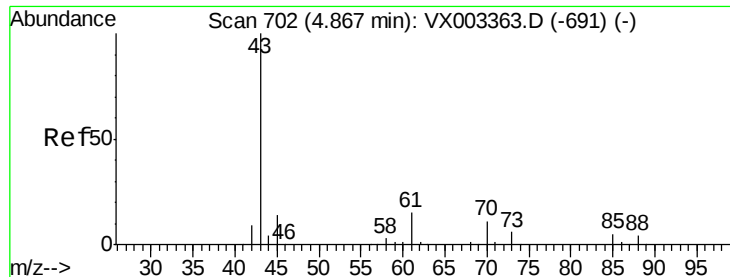
Tot Ion:113 Resp: 146888
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 22.9 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 20.14 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion: 75 Resp: 92695
 Ion Ratio Lower Upper
 75 100
 110 36.5 18.1 54.4
 77 31.2 24.3 36.5

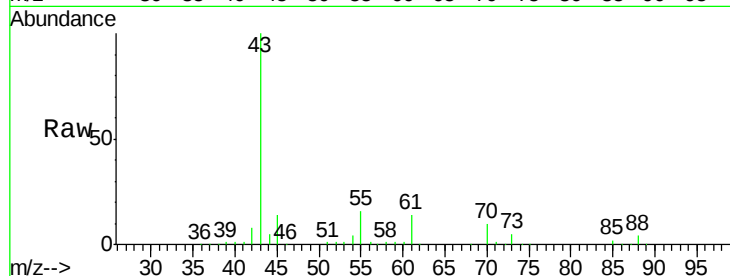




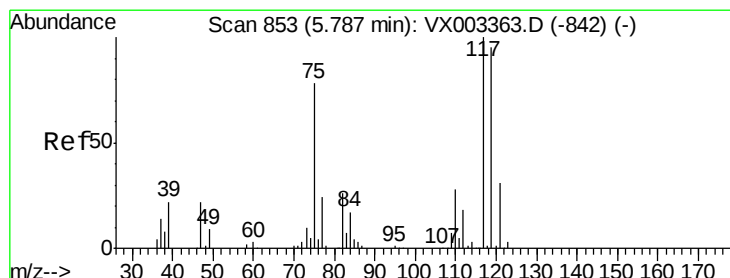
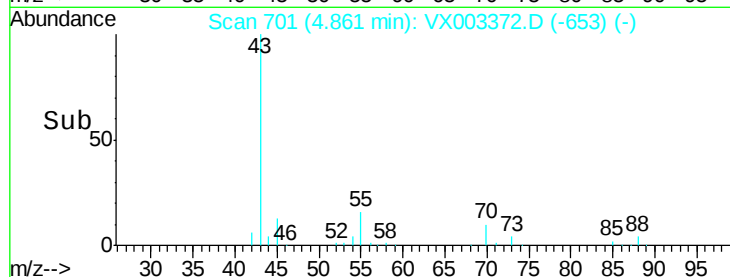
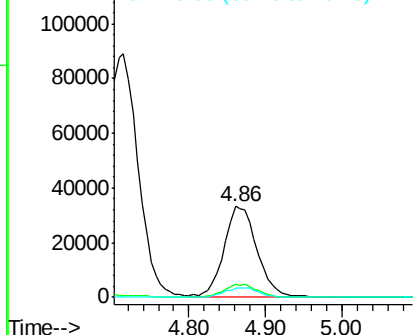
#37
Ethyl Acetate
Concen: 19.44 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

Tot Ion: 43 Resp: 98062
Ion Ratio Lower Upper
43 100
61 14.8 10.4 15.6
70 10.8 7.6 11.4

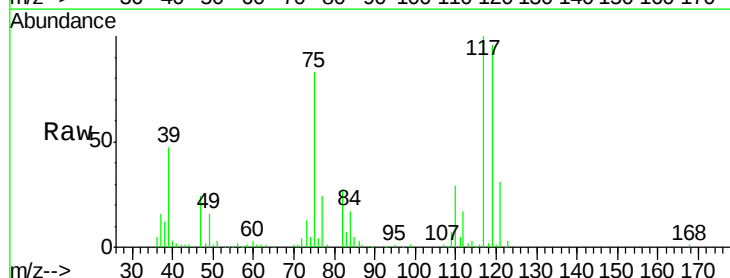


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

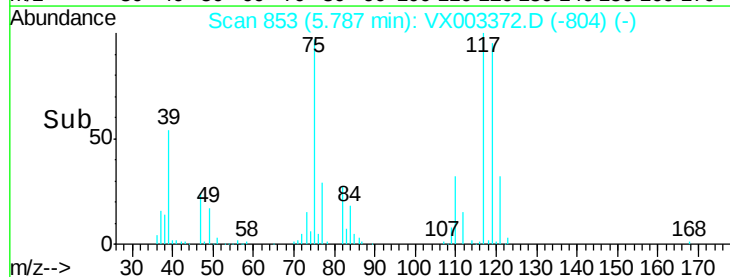
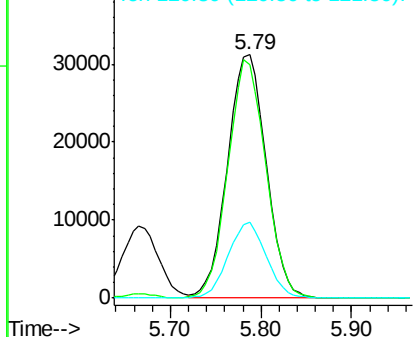


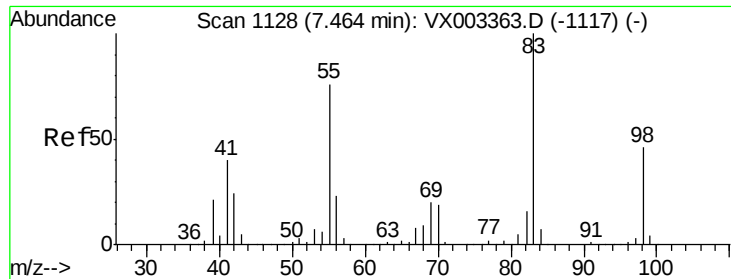
#38
Carbon Tetrachloride
Concen: 19.75 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion: 117 Resp: 92652
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
121 31.4 24.4 36.6



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

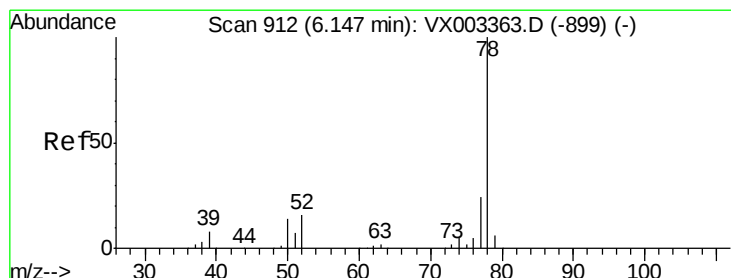
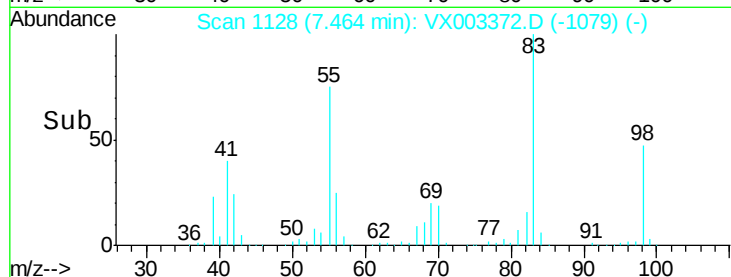
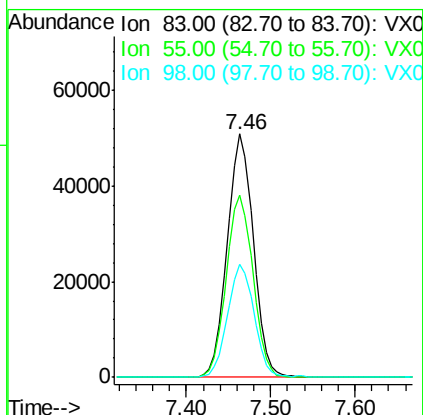
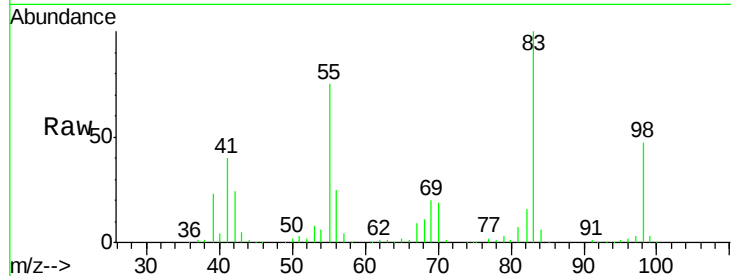




#39
Methvlcvclohexane
Concen: 20.51 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

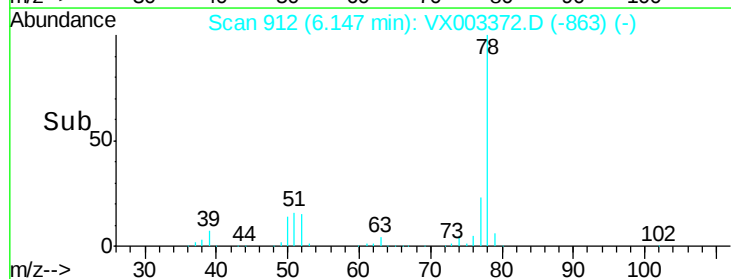
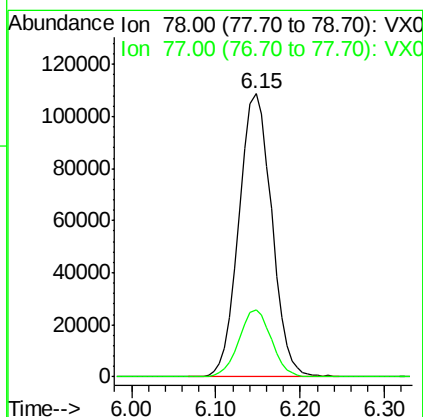
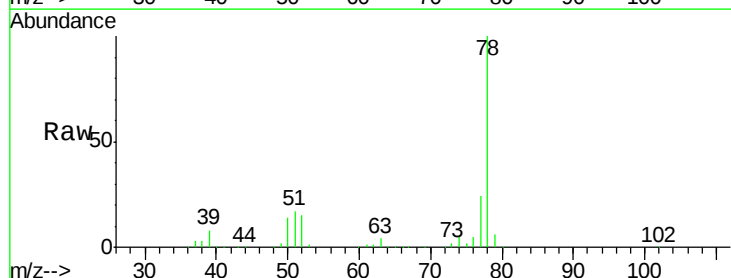
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

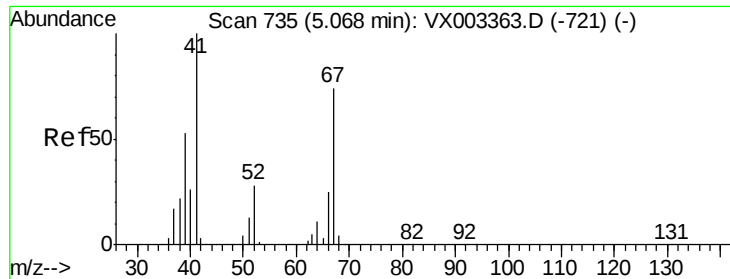
Tot Ion: 83 Resp: 106856
Ion Ratio Lower Upper
83 100
55 74.6 65.4 98.0
98 46.5 37.4 56.0



#40
Benzene
Concen: 19.93 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion: 78 Resp: 287310
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

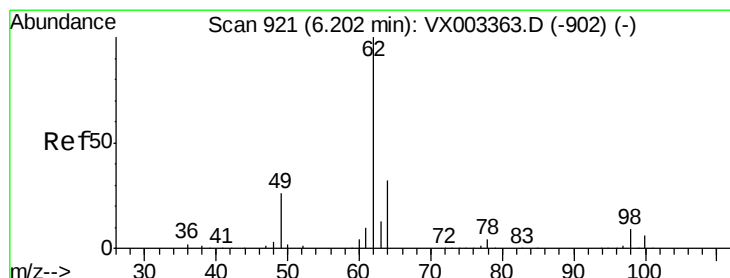
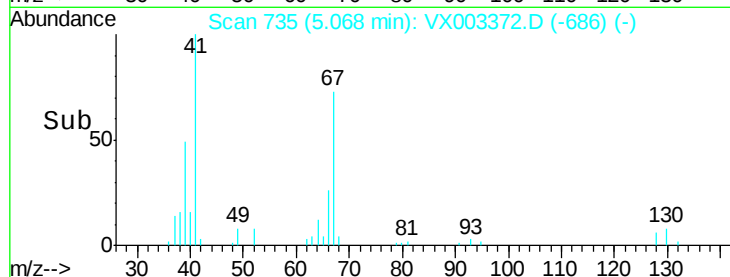
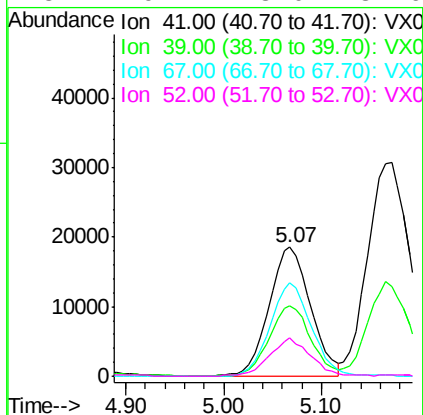
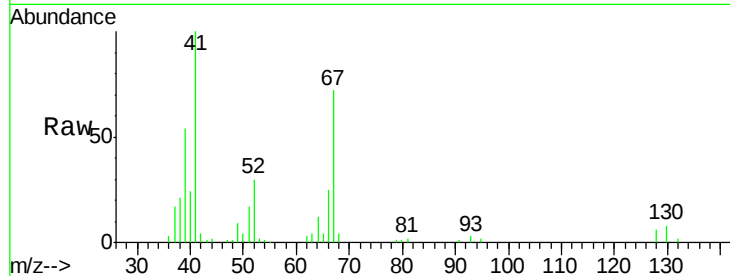




#41
Methacrylonitrile
Concen: 19.08 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

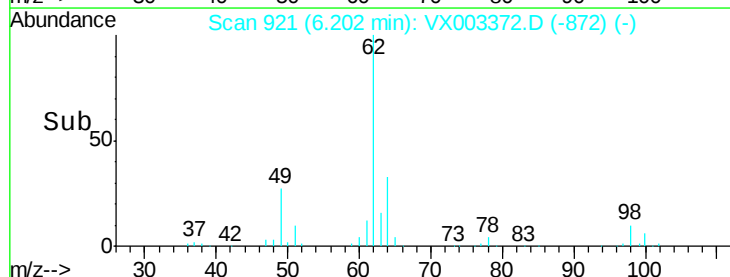
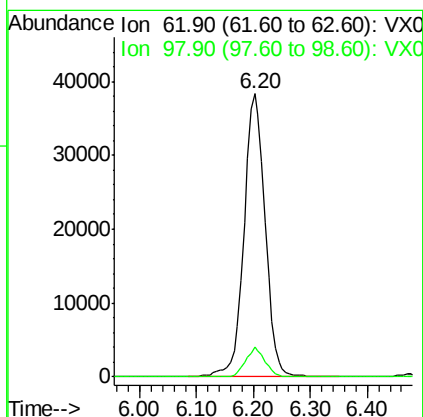
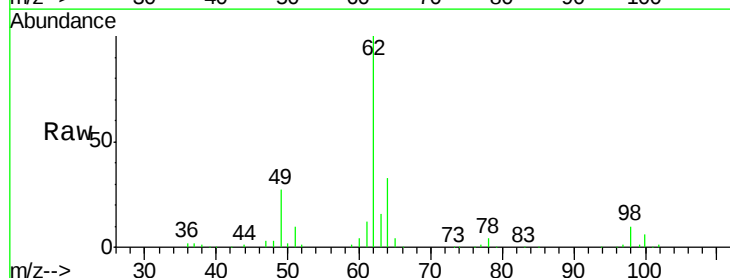
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

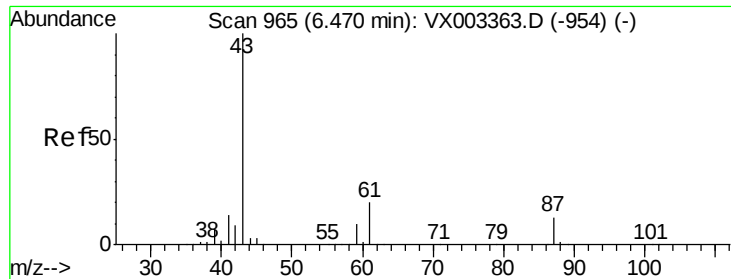
Tot Ion:	41	Resp:	55133
Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.8	68.6
67	71.8	51.3	76.9
52	29.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.77 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion:	62	Resp:	99568
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.6



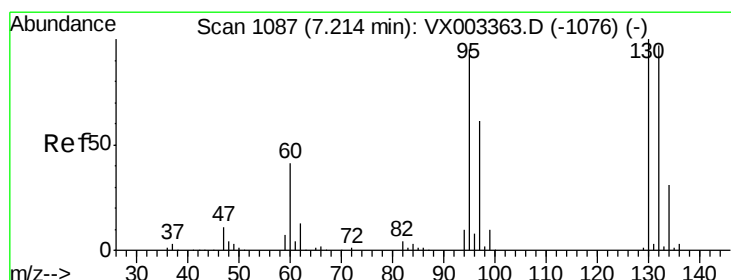
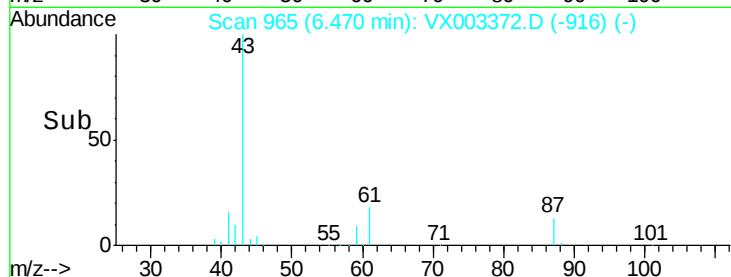
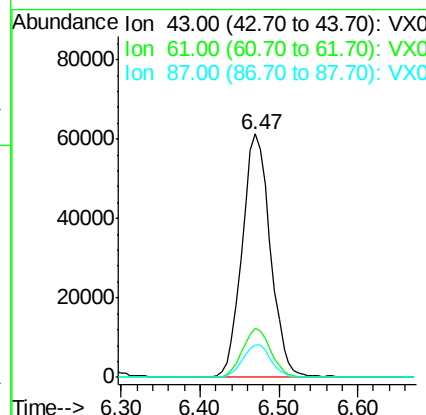
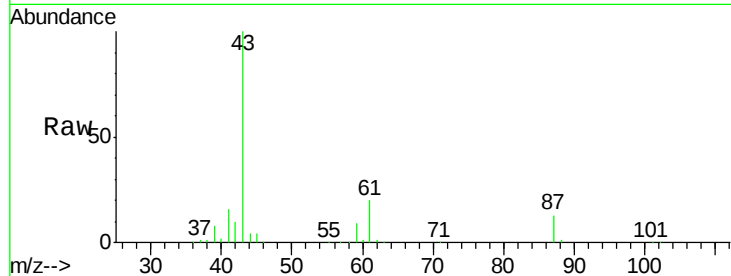


#43

Isopropyl Acetate
 Concen: 19.39 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

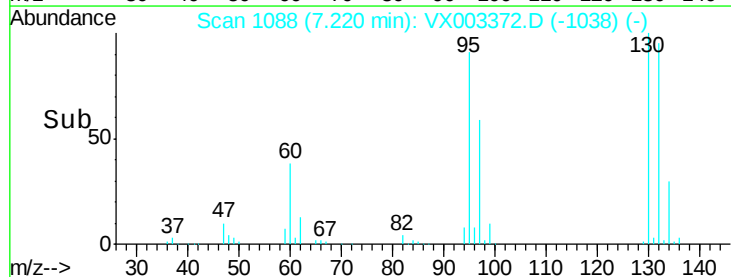
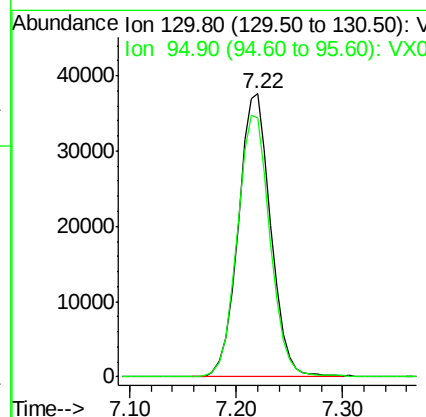
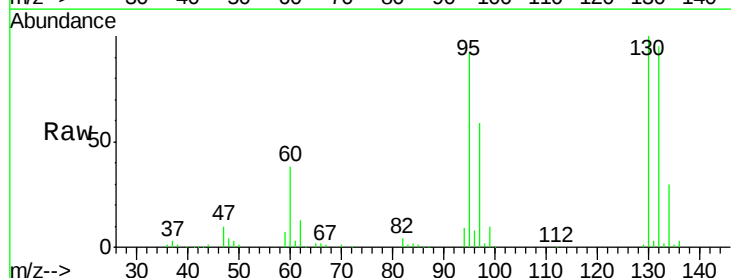
Tot Ion: 43 Resp: 153291
 Ion Ratio Lower Upper
 43 100
 61 20.1 14.4 21.6
 87 13.4 9.5 14.3

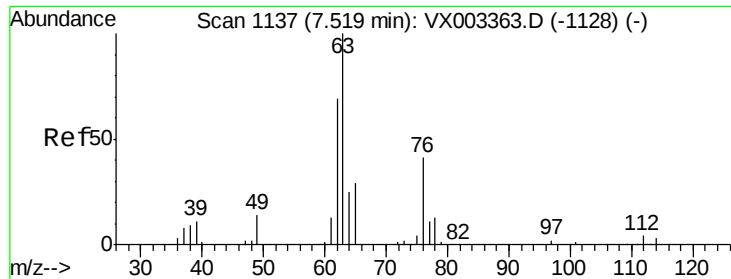


#44

Trichloroethene
 Concen: 19.66 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion:130 Resp: 80300
 Ion Ratio Lower Upper
 130 100
 95 91.5 0.0 185.4

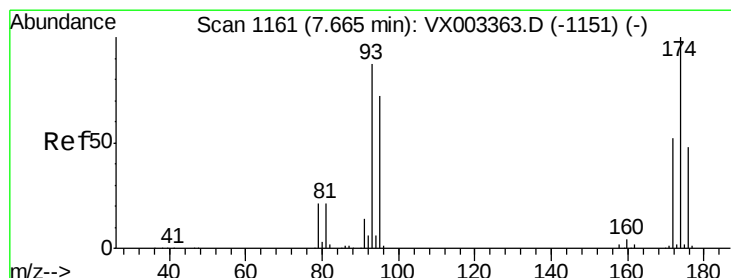
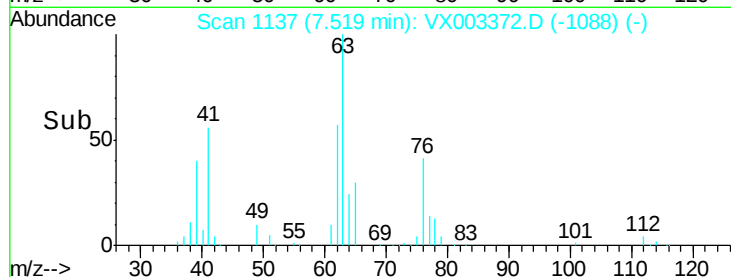
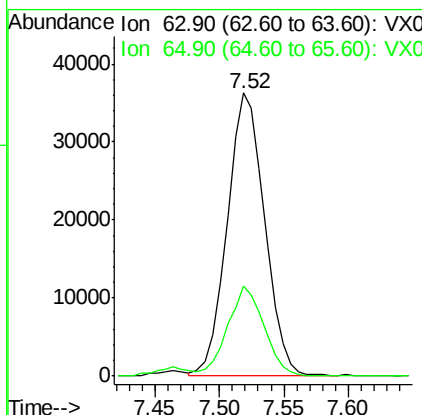
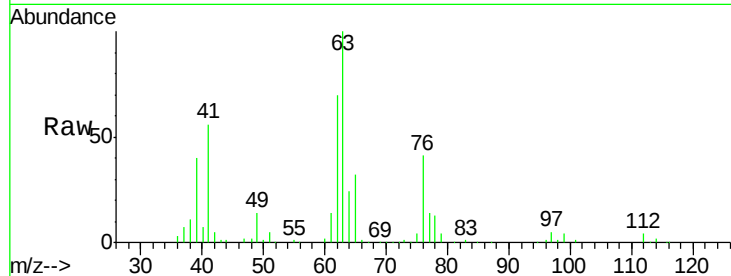




#45
 1,2-Dichloropropane
 Concen: 19.10 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

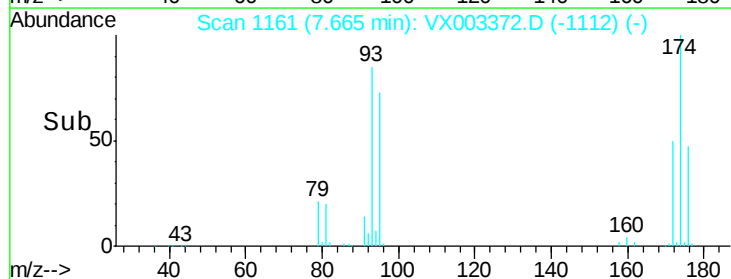
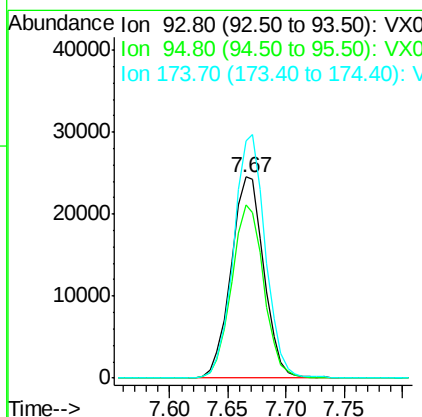
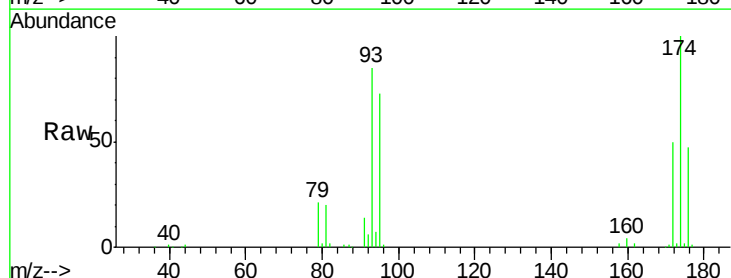
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

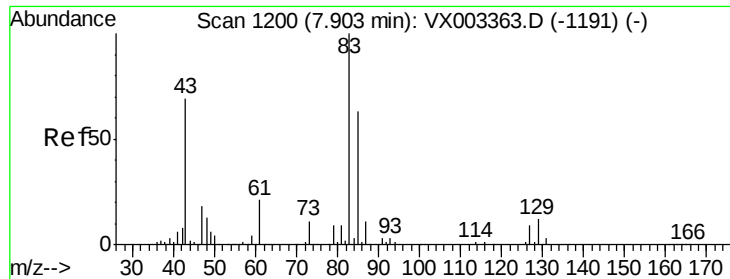
Tot Ion: 63 Resp: 73024
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.7 37.1



#46
 Dibromomethane
 Concen: 19.62 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion: 93 Resp: 48231
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.9 98.9
 174 117.0 92.4 138.6





#47

Bromodichloromethane

Concen: 19.13 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

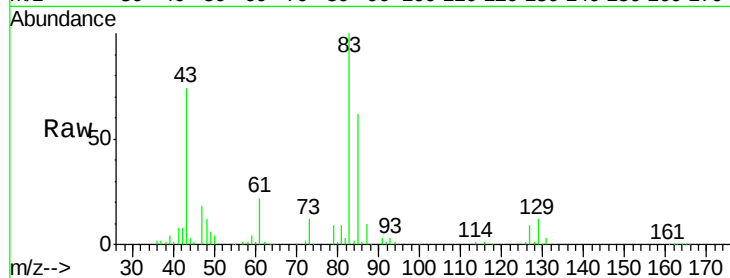
Tot Ion: 83 Resp: 88655

Ion Ratio Lower Upper

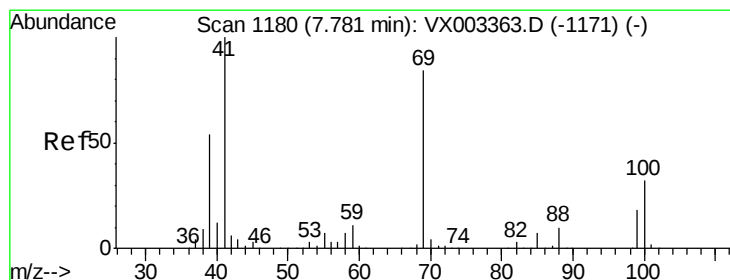
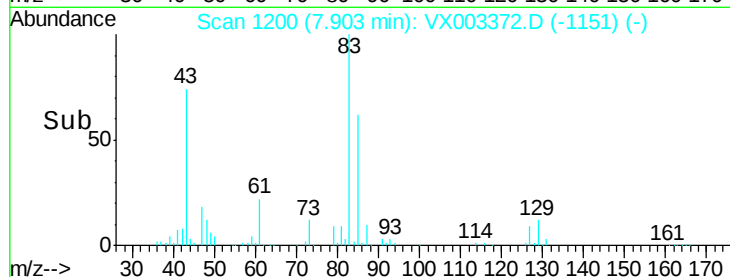
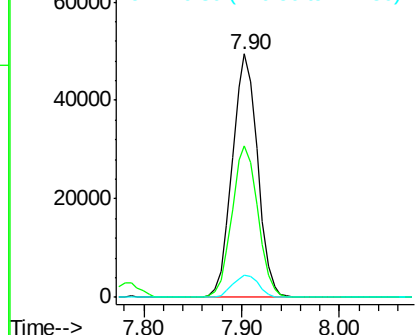
83 100

85 62.4 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: 19.56 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

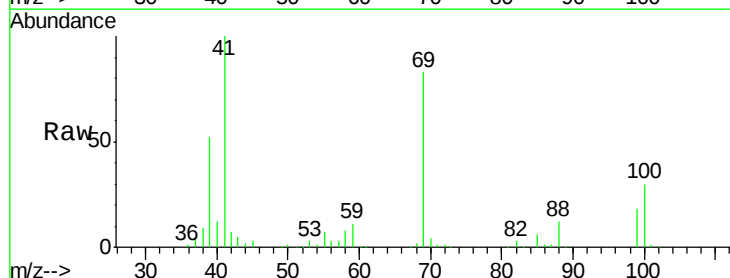
Tgt Ion: 41 Resp: 78891

Ion Ratio Lower Upper

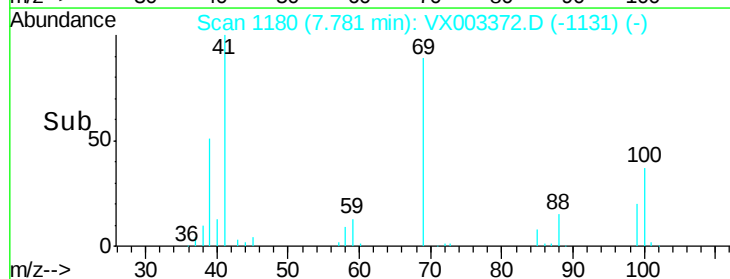
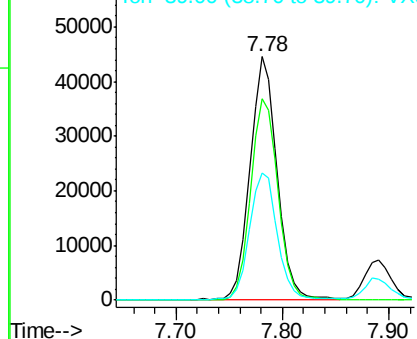
41 100

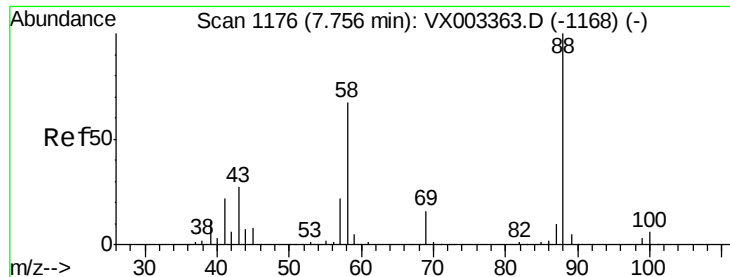
69 85.0 59.1 88.7

39 53.5 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

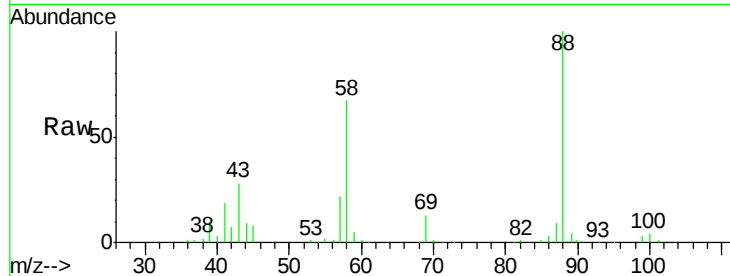




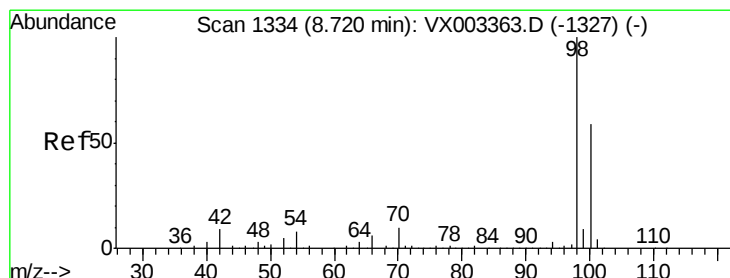
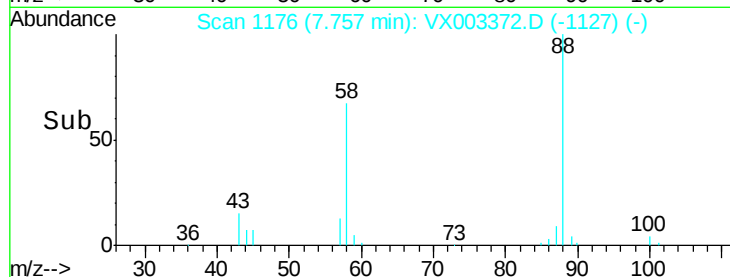
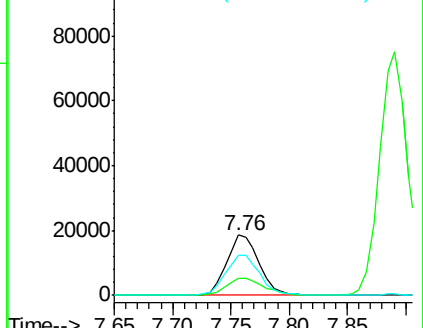
#49
1,4-Dioxane
Concen: 405.77 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Instrument :
MSVOA_X
ClientSampled :
VX0713WBS01

Tot Ion: 88 Resp: 35721
Ion Ratio Lower Upper
88 100
43 34.2 29.8 44.6
58 71.5 57.1 85.7

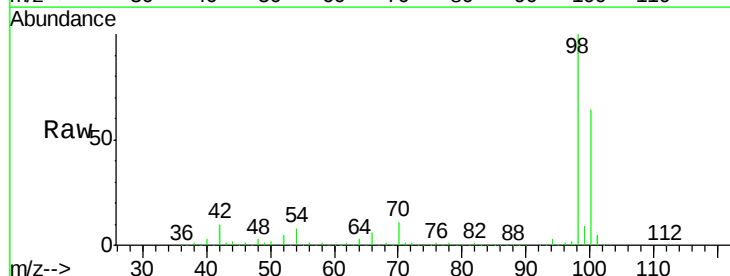


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

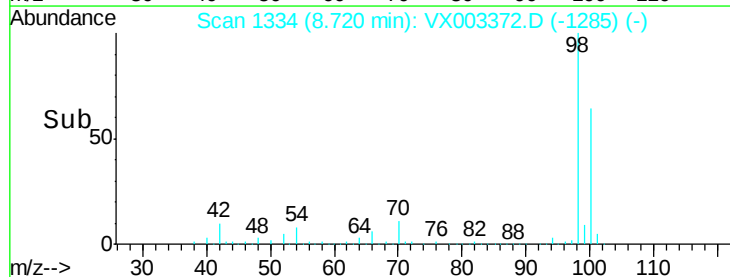
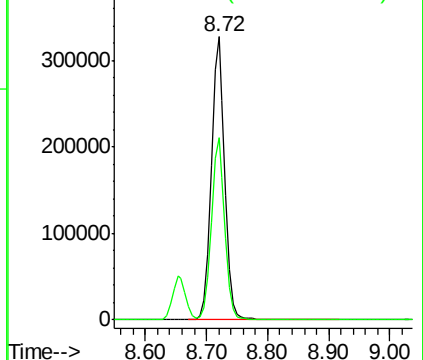


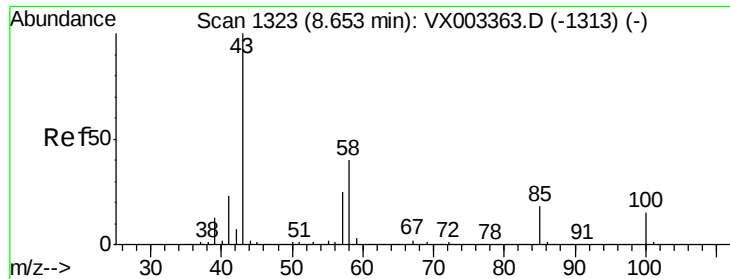
#50
Toluene-d8
Concen: 48.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion: 98 Resp: 510197
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 98.72 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

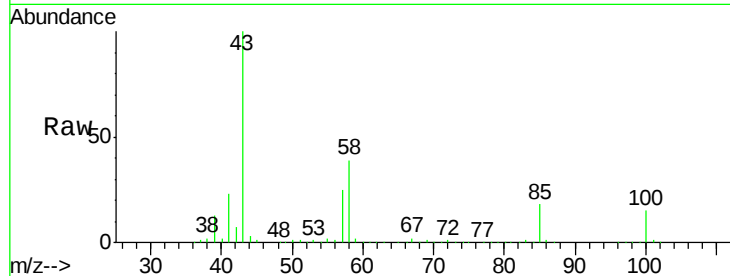
VX0713WBS01

Tot Ion: 43 Resp: 510073

Ion Ratio Lower Upper

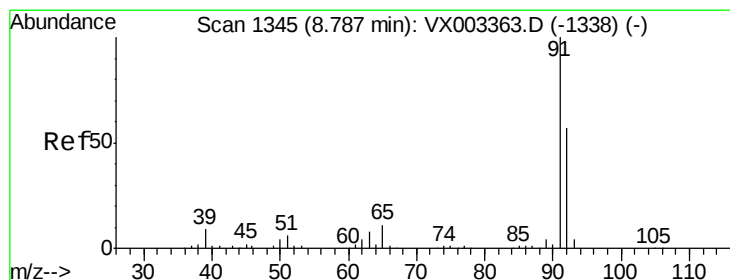
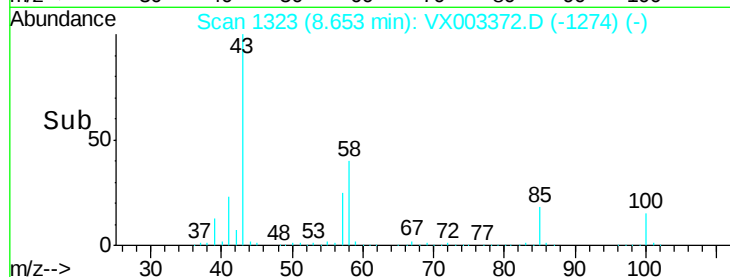
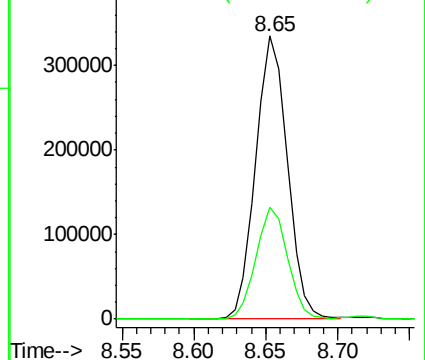
43 100

58 39.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.10 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003372.D

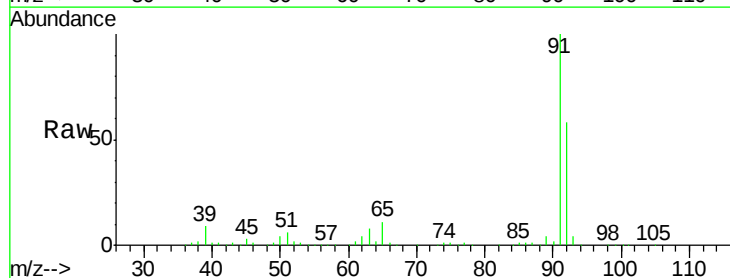
Acq: 13 Jul 2018 20:15

Tgt Ion: 92 Resp: 183590

Ion Ratio Lower Upper

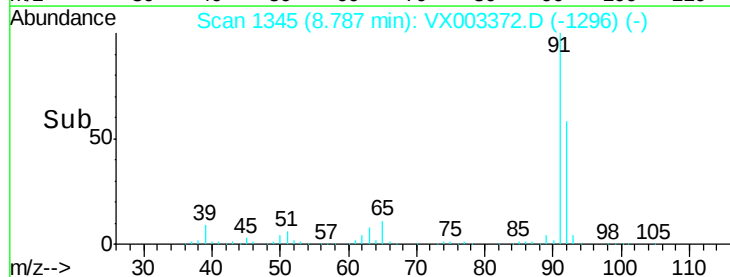
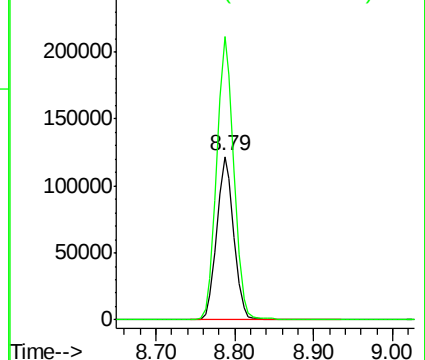
92 100

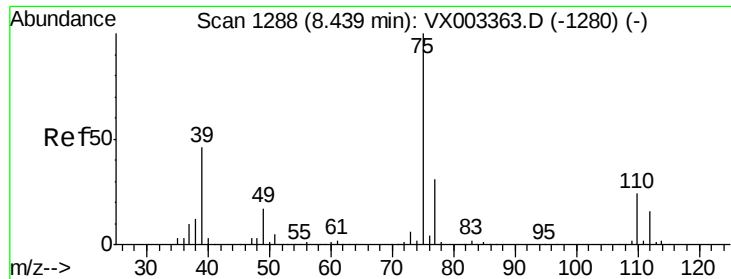
91 176.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

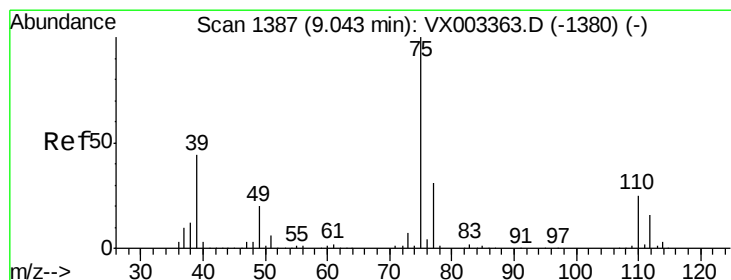
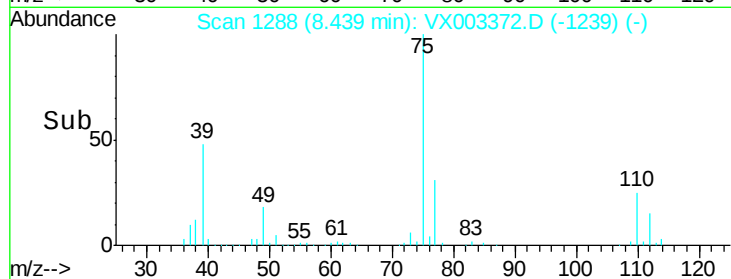
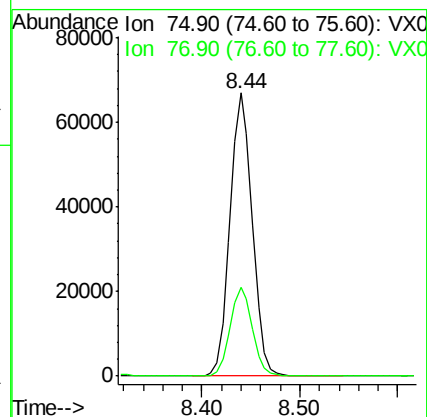
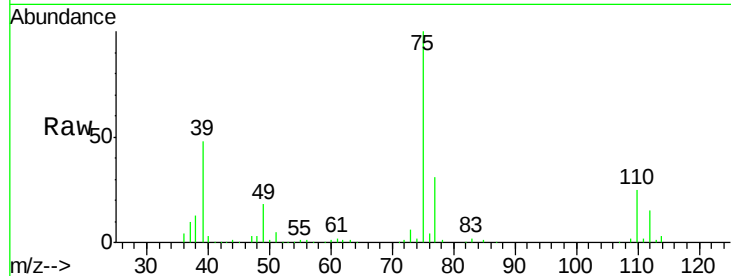




#53
t-1,3-Dichloropropene
Concen: 19.42 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

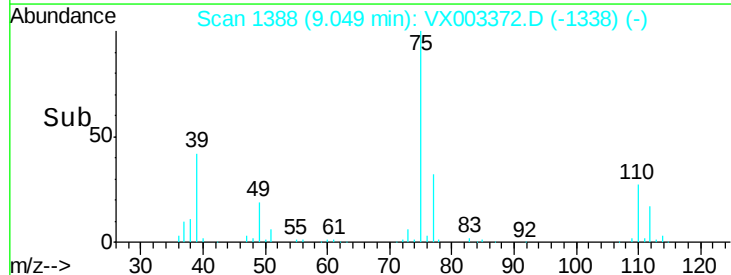
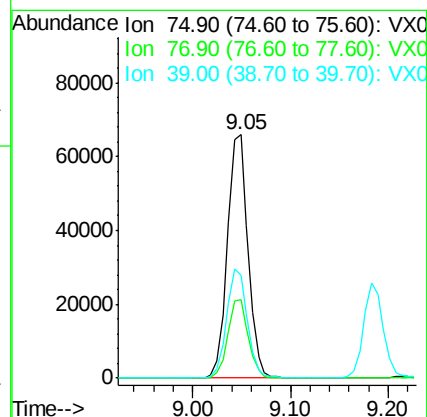
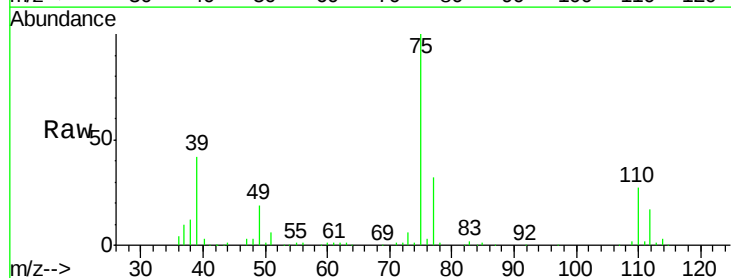
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

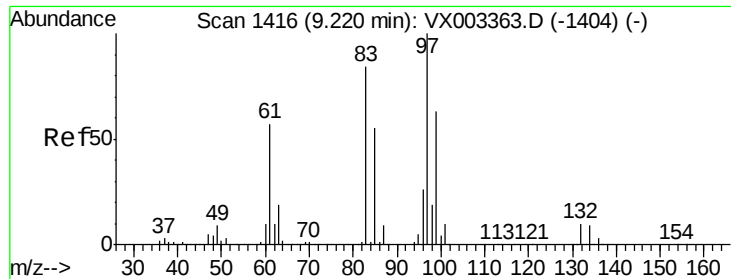
Tot Ion: 75 Resp: 105754
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.40 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion: 75 Resp: 96506
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2
39 42.2 42.4 63.6#

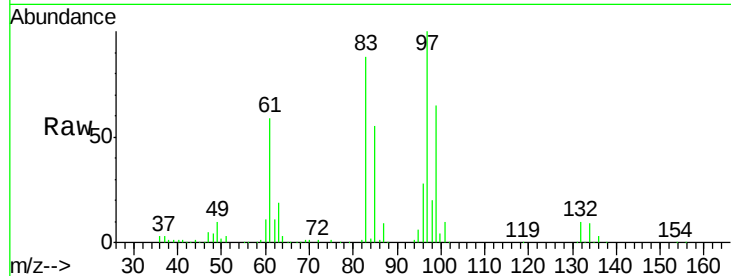




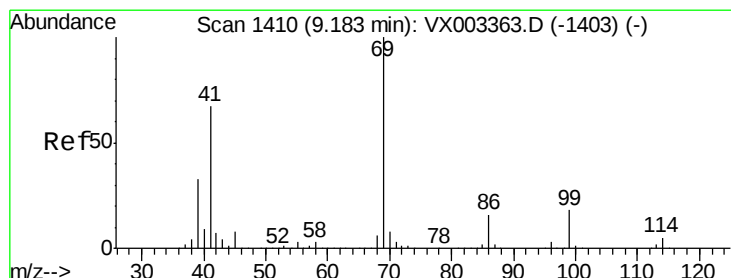
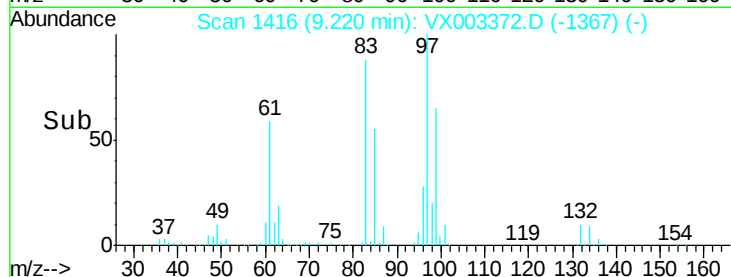
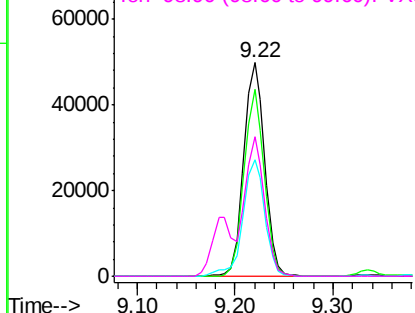
#55
 1,1,2-Trichloroethane
 Concen: 19.46 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

Tot Ion: 97 Resp: 74214
 Ion Ratio Lower Upper
 97 100
 83 87.6 70.2 105.2
 85 54.5 44.9 67.3
 99 65.5 49.8 74.8

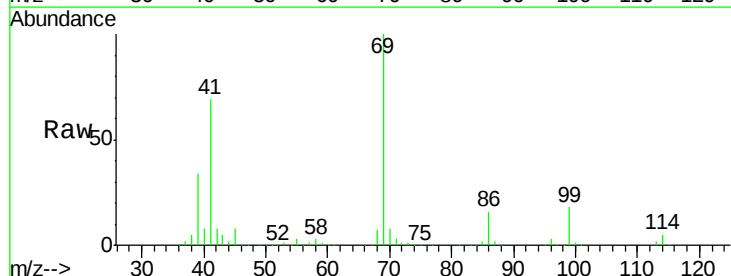


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

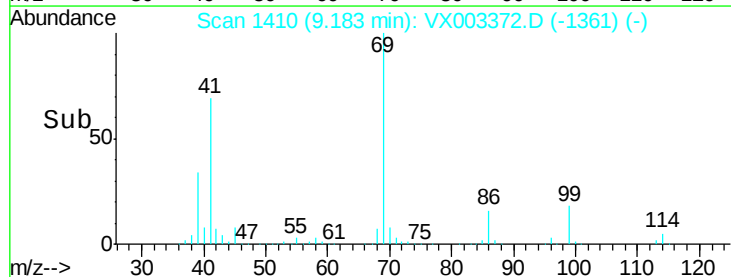
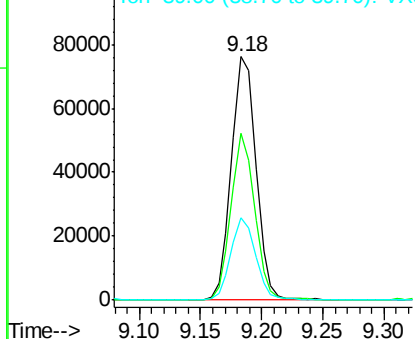


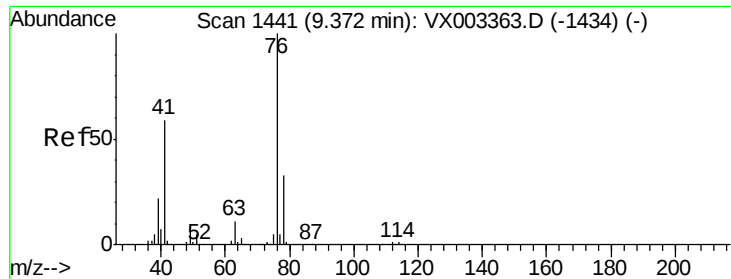
#56
 Ethyl methacrylate
 Concen: 19.56 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion: 69 Resp: 106528
 Ion Ratio Lower Upper
 69 100
 41 65.5 60.3 90.5
 39 33.6 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: 19.66 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

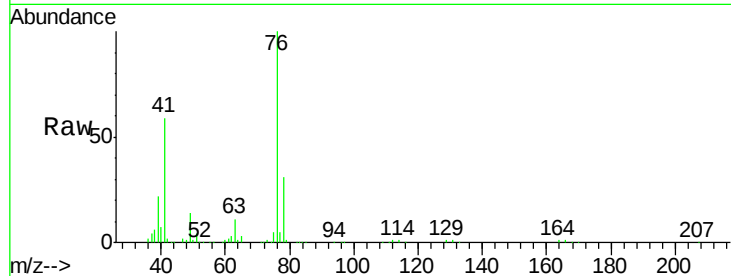
VX0713WBS01

Tot Ion: 76 Resp: 121503

Ion Ratio Lower Upper

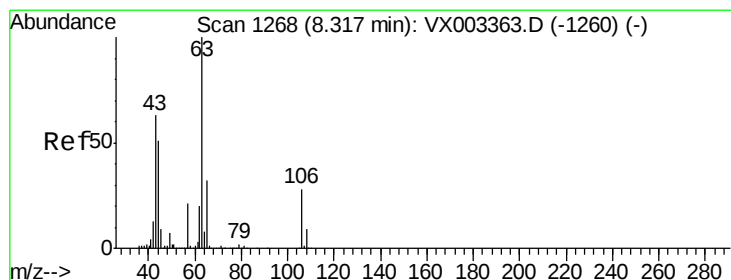
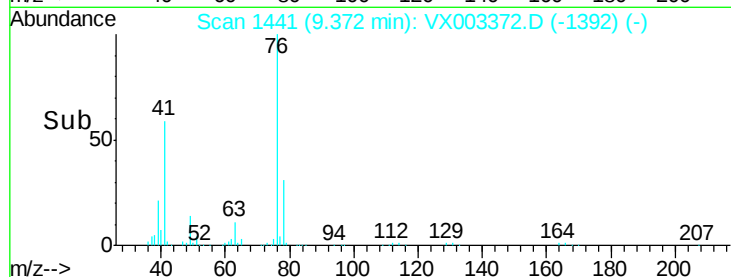
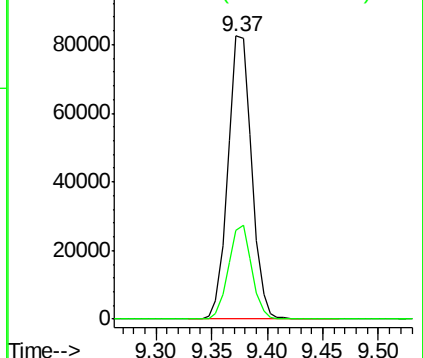
76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.39 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003372.D

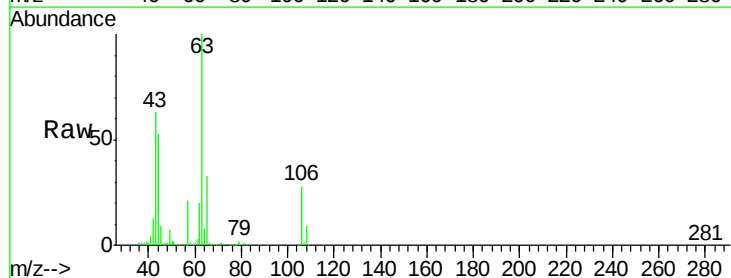
Acq: 13 Jul 2018 20:15

Tgt Ion: 63 Resp: 268332

Ion Ratio Lower Upper

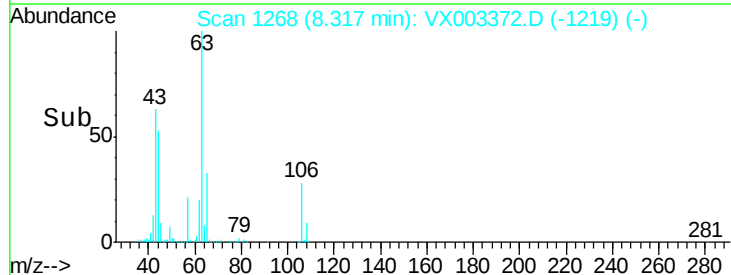
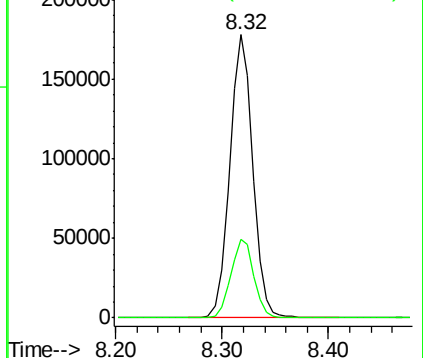
63 100

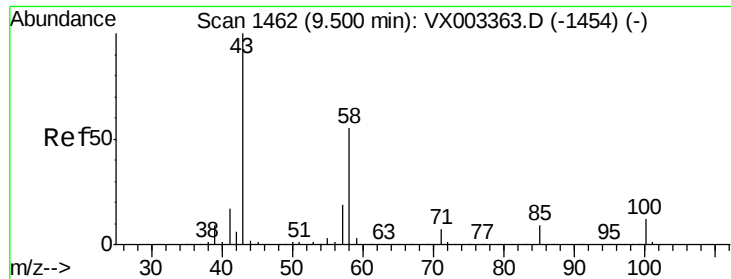
106 28.0 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

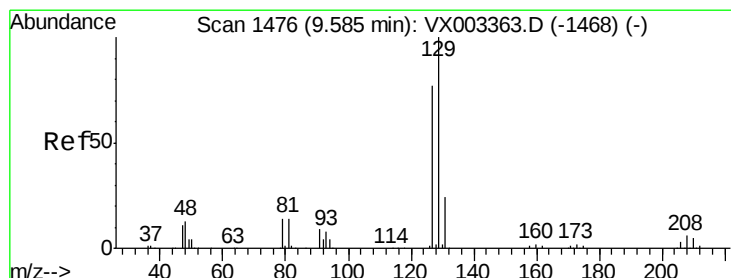
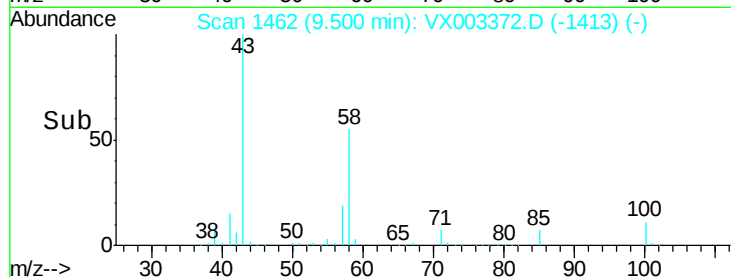
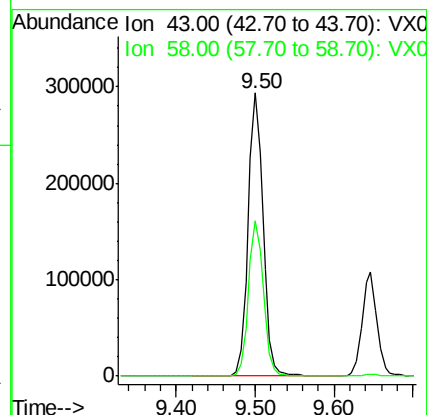
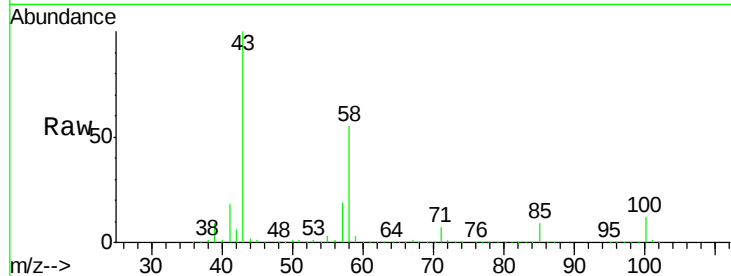




#59
2-Hexanone
Concen: 101.57 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

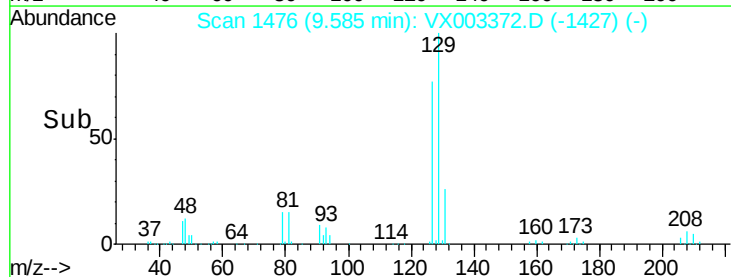
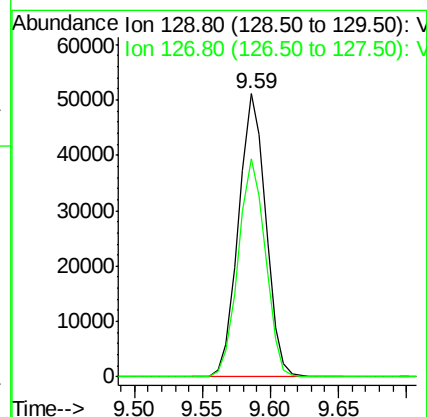
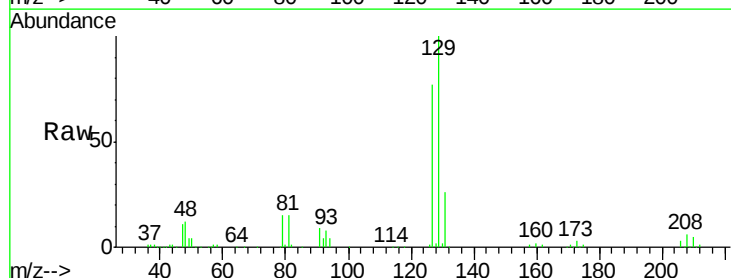
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

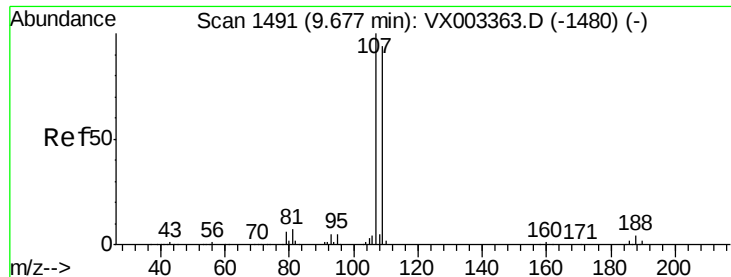
Tot Ion: 43 Resp: 387066
Ion Ratio Lower Upper
43 100
58 54.7 24.6 73.6



#60
Dibromochloromethane
Concen: 19.30 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion: 129 Resp: 71436
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

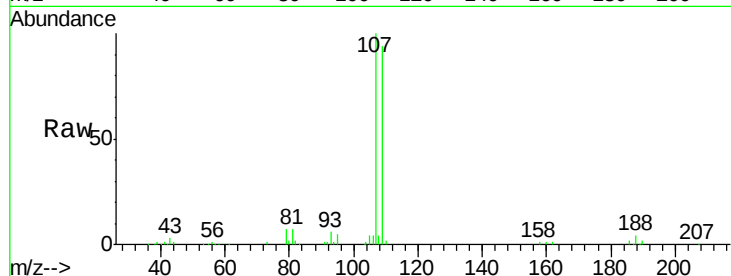
VX0713WBS01

Tot Ion:107 Resp: 76515

Ion Ratio Lower Upper

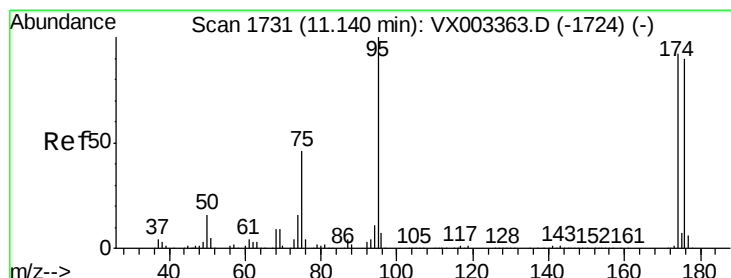
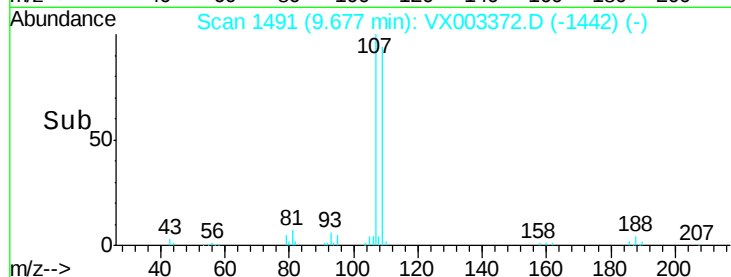
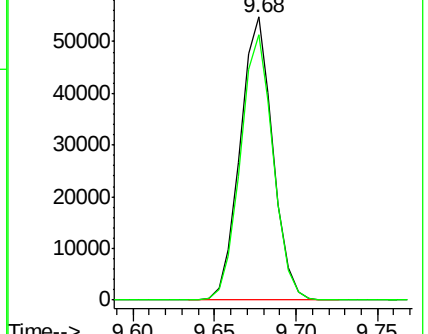
107 100

109 94.0 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: 45.11 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

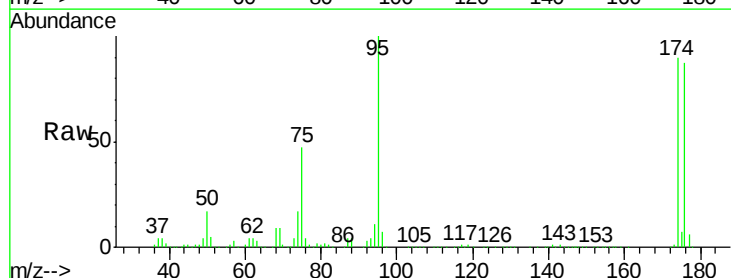
Tgt Ion: 95 Resp: 200300

Ion Ratio Lower Upper

95 100

174 93.4 0.0 187.4

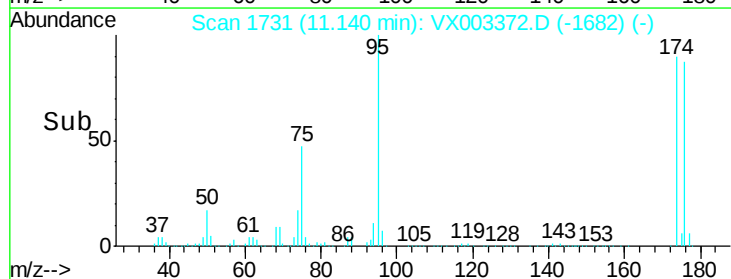
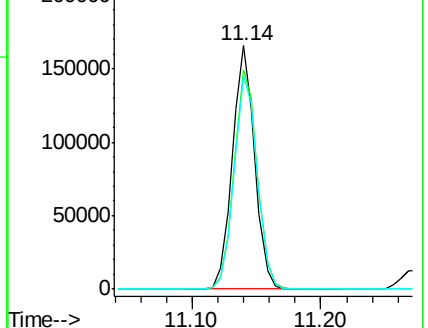
176 90.7 0.0 181.0

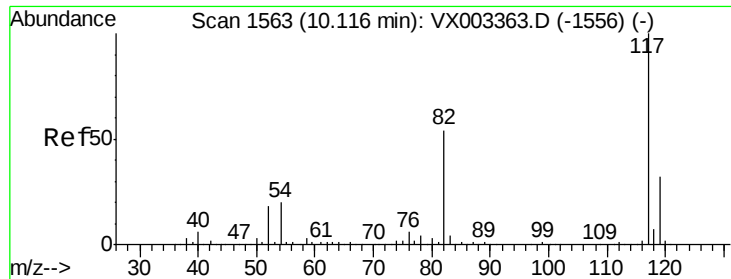


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

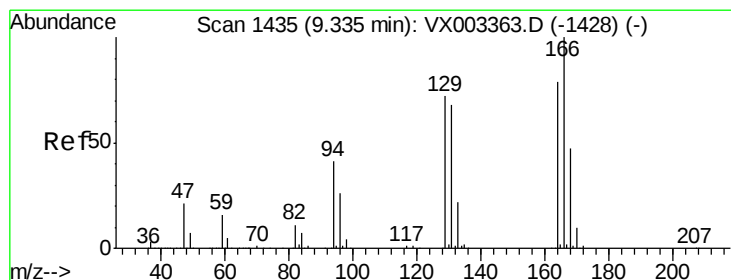
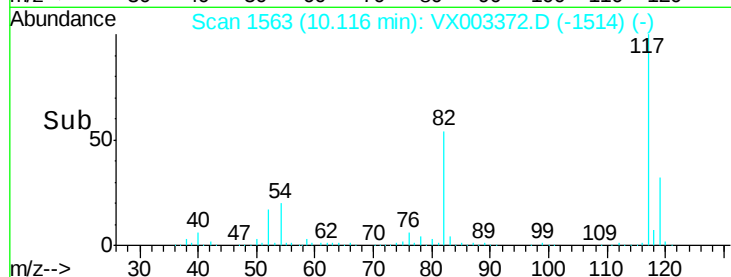
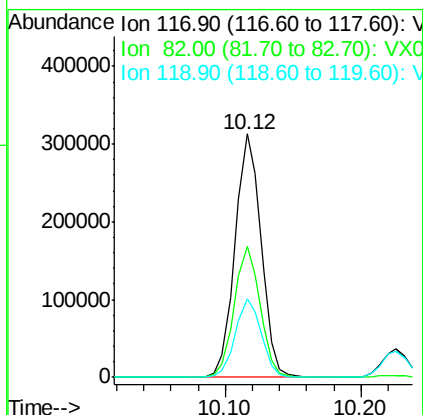
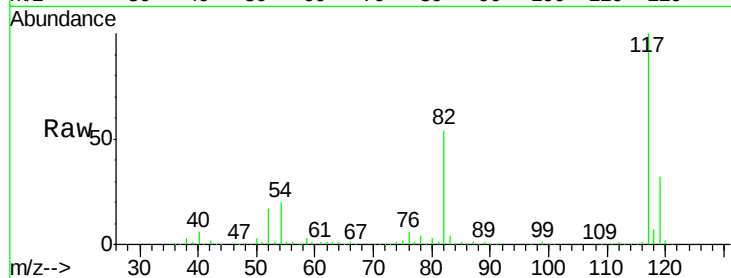




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

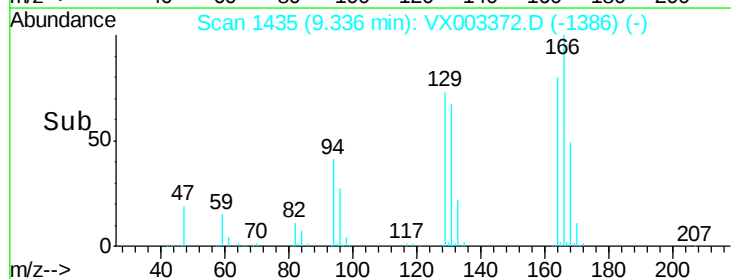
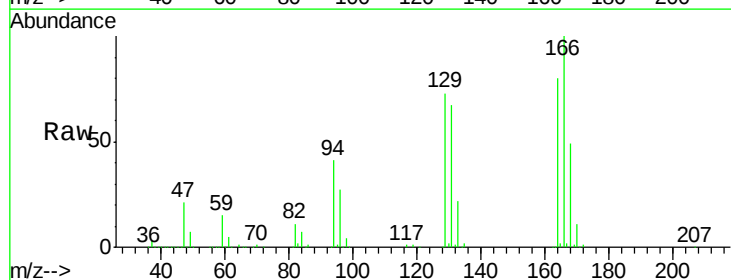
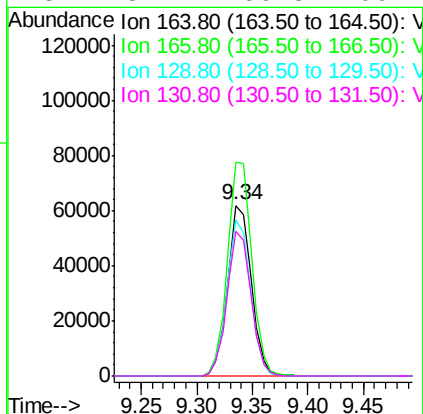
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

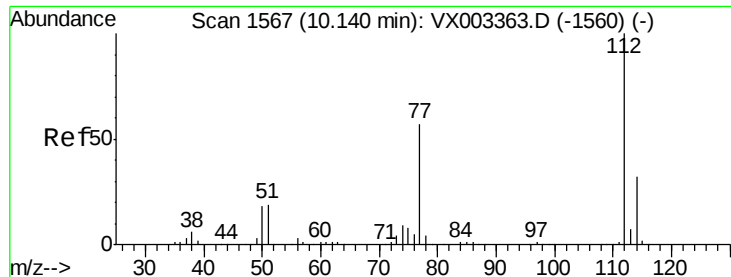
Tot Ion:117 Resp: 417579
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 20.25 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion:164 Resp: 91587
Ion Ratio Lower Upper
164 100
166 125.1 102.9 154.3
129 91.4 68.6 102.8
131 84.4 66.8 100.2

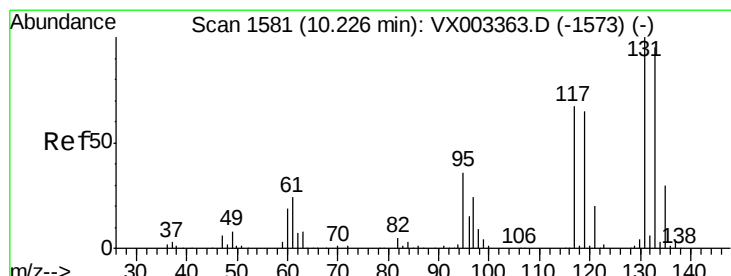
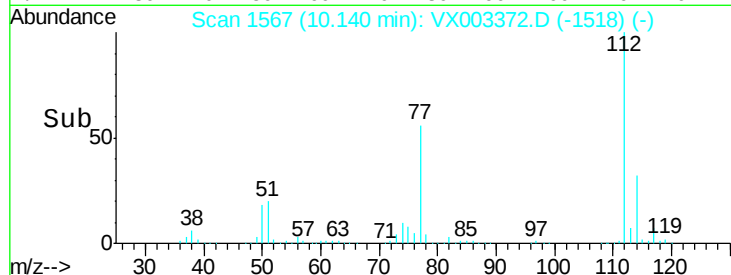
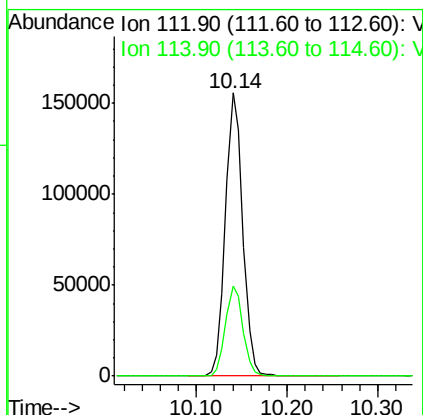
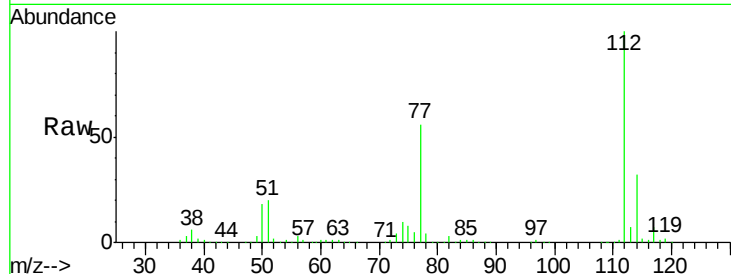




#65
Chlorobenzene
Concen: 19.33 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

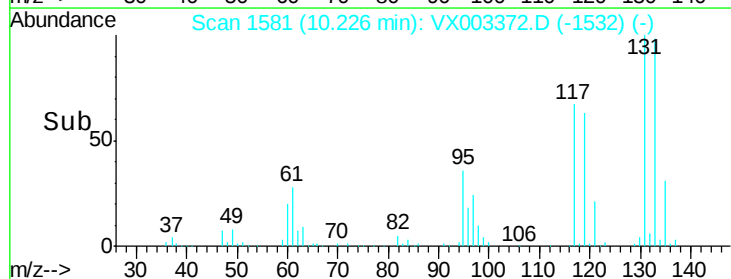
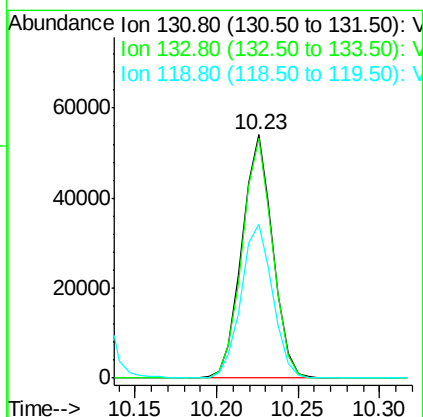
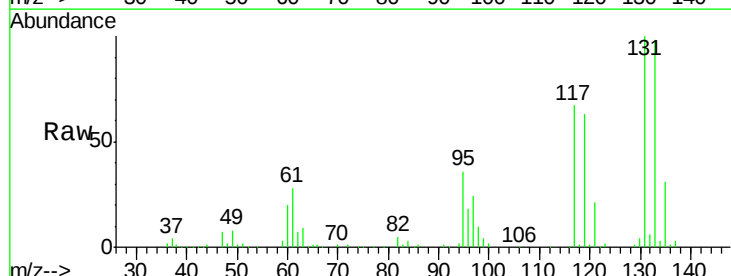
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

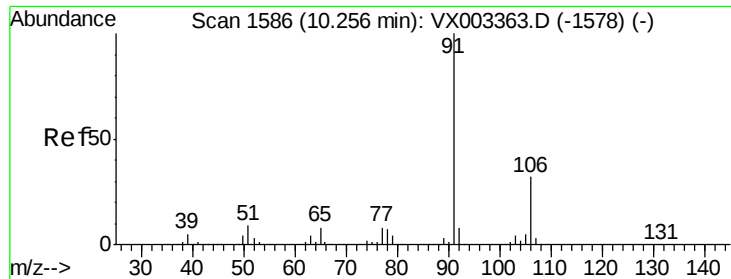
Tot Ion:112 Resp: 207237
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.76 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion:131 Resp: 71122
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.6
119 65.0 31.8 95.3

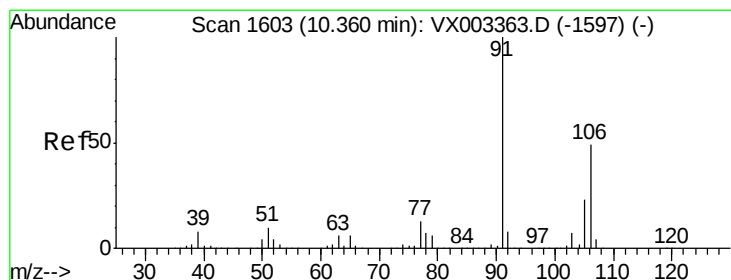
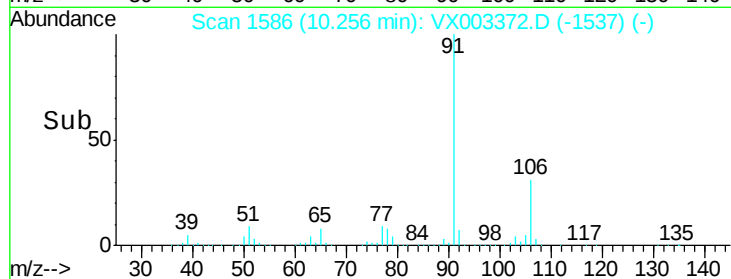
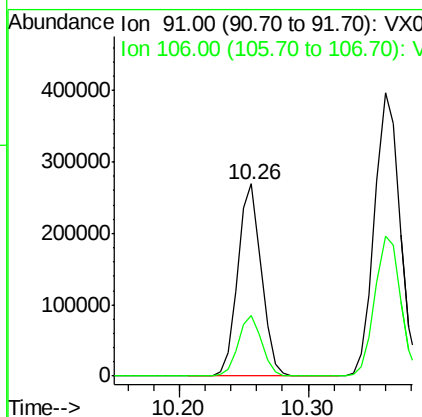
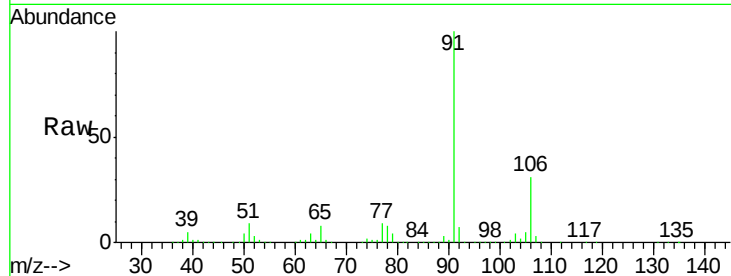




#67
Ethyl Benzene
Concen: 19.65 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

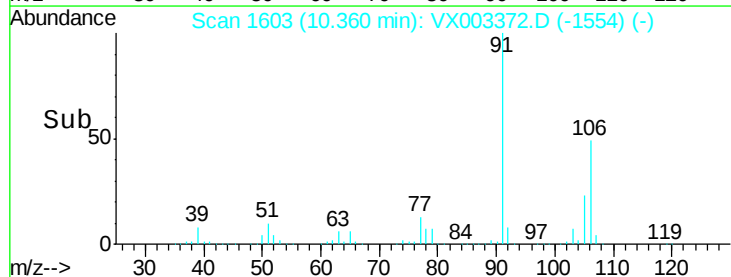
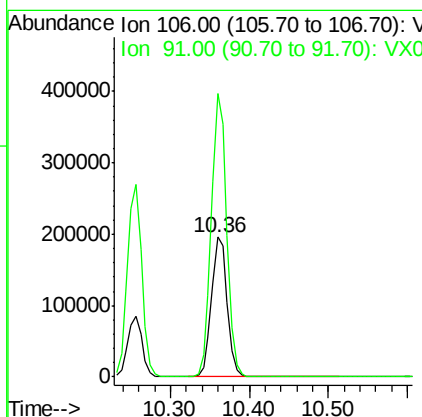
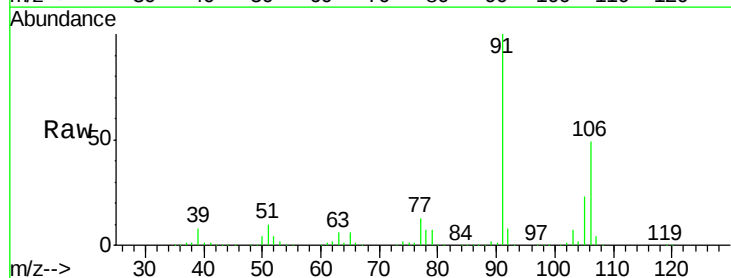
Instrument :
MSVOA_X
ClientSampled :
VX0713WBS01

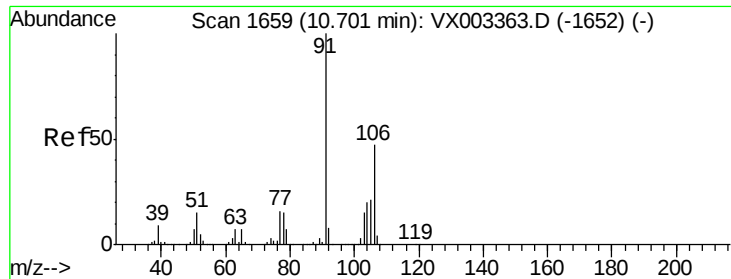
Tot Ion: 91 Resp: 342938
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 40.13 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion: 106 Resp: 269738
Ion Ratio Lower Upper
106 100
91 198.8 163.4 245.2

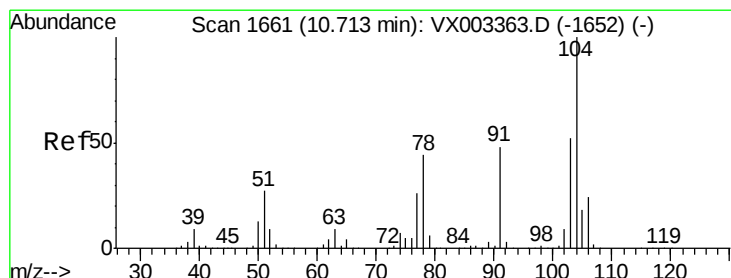
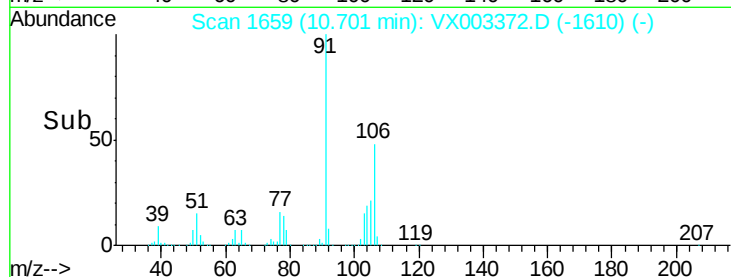
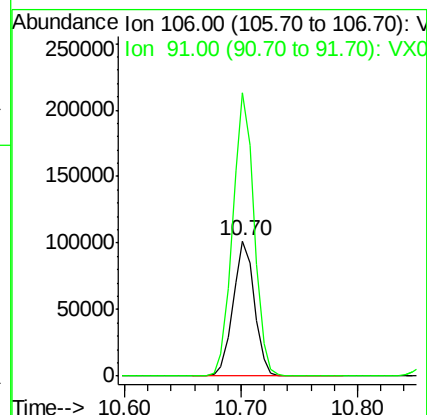
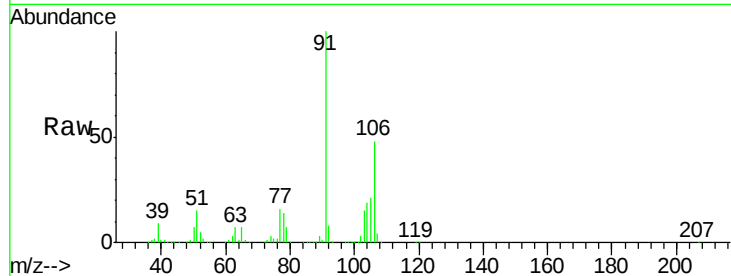




#69
o-Xylene
Concen: 19.71 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

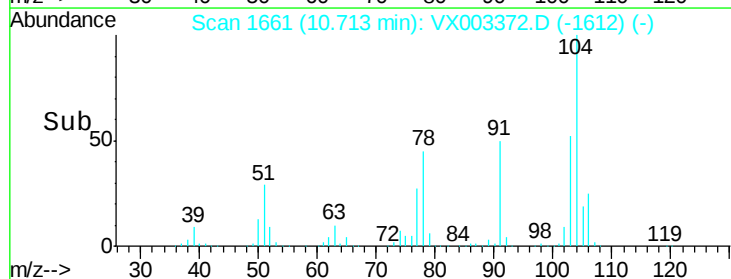
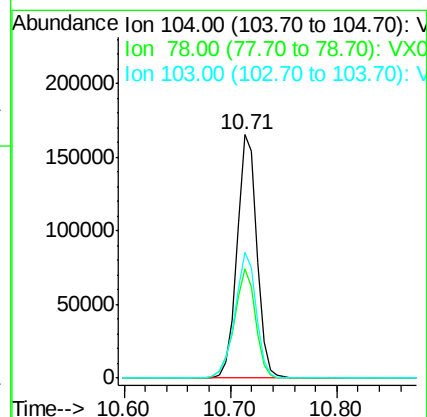
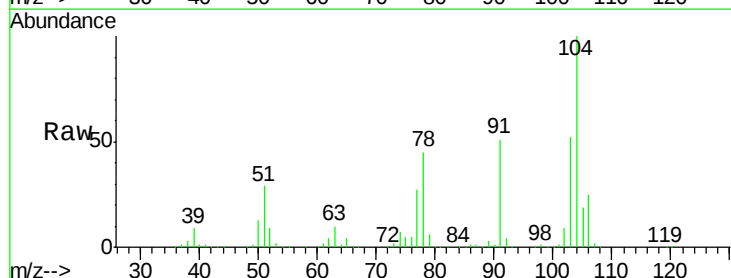
Instrument :
MSVOA_X
ClientSampled :
VX0713WBS01

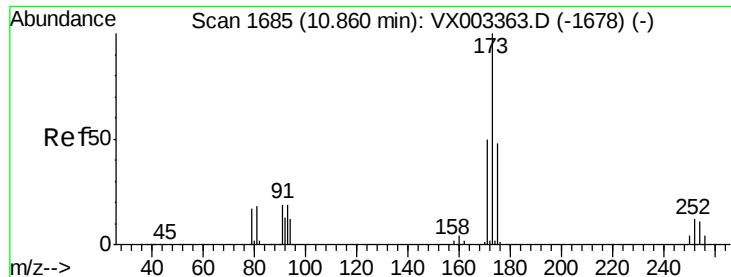
Tot Ion:106 Resp: 129401
Ion Ratio Lower Upper
106 100
91 209.9 108.2 324.6



#70
Styrene
Concen: 19.63 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion:104 Resp: 216555
Ion Ratio Lower Upper
104 100
78 48.2 41.0 61.6
103 55.4 44.2 66.4





#71

Bromoform

Concen: 18.33 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

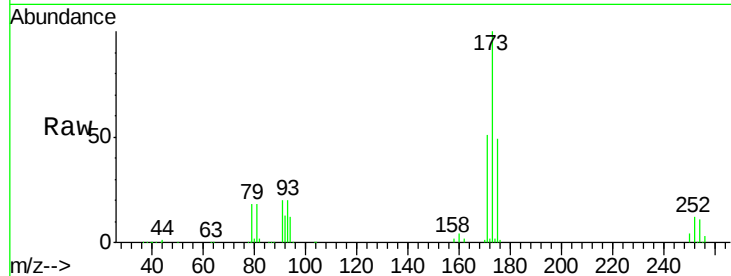
Tot Ion:173 Resp: 53209

Ion Ratio Lower Upper

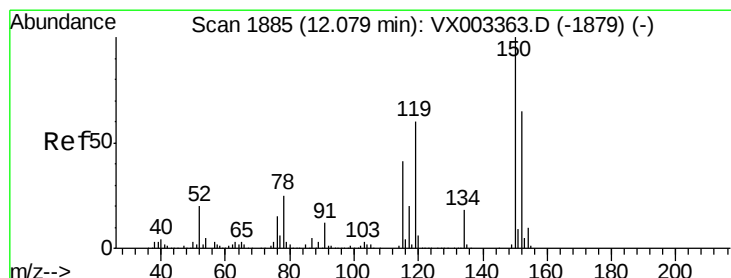
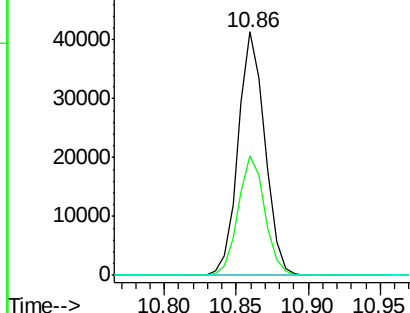
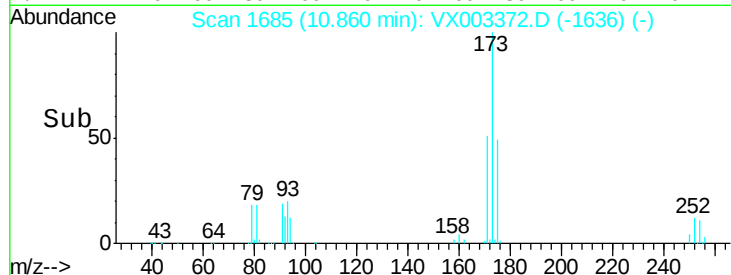
173 100

175 49.0 24.7 74.1

254 0.1 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: VX003372.D

Acq: 13 Jul 2018 20:15

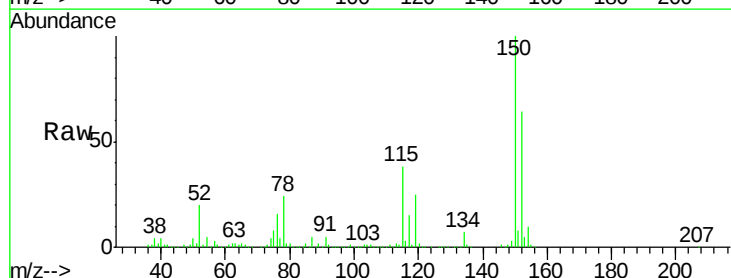
Tgt Ion:152 Resp: 243094

Ion Ratio Lower Upper

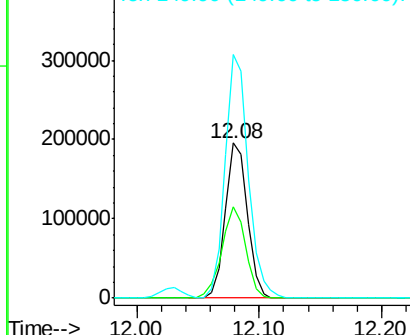
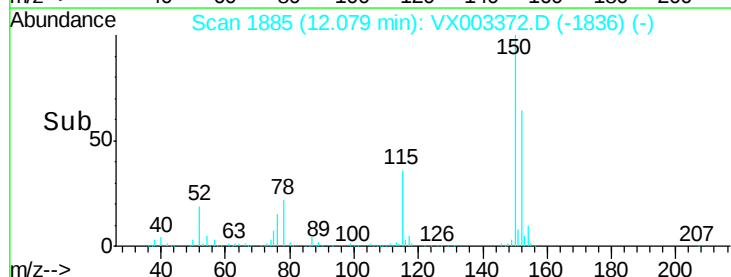
152 100

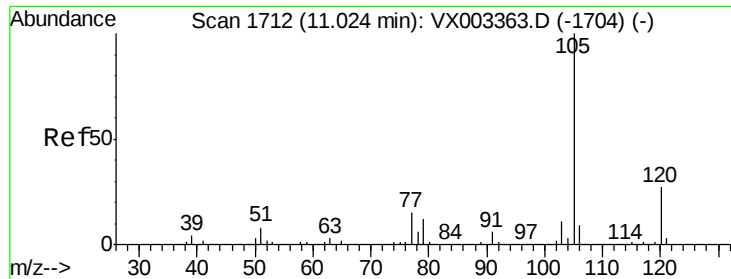
115 64.3 40.1 120.2

150 164.2 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: 20.58 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

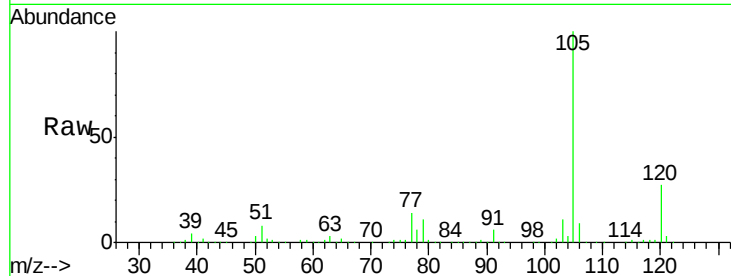
VX0713WBS01

Tot Ion:105 Resp: 345936

Ion Ratio Lower Upper

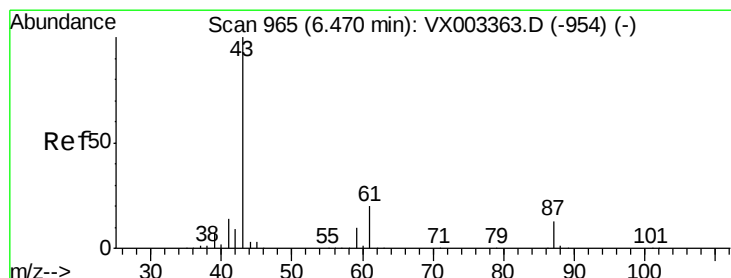
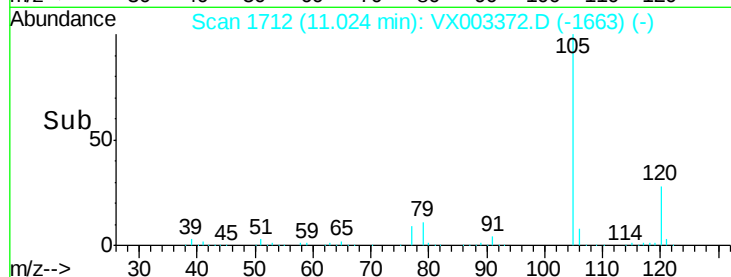
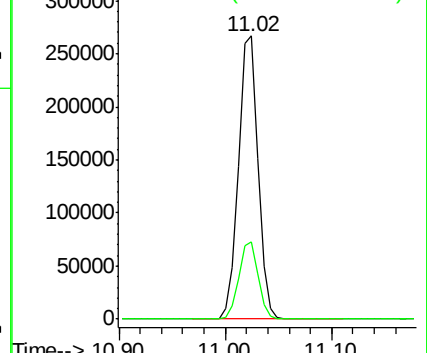
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.67 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Tgt Ion: 43 Resp: 153291

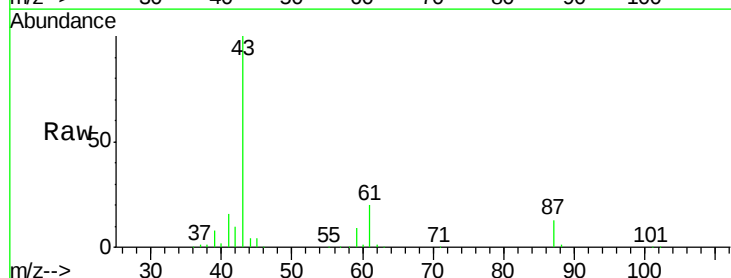
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.1 14.4 21.6

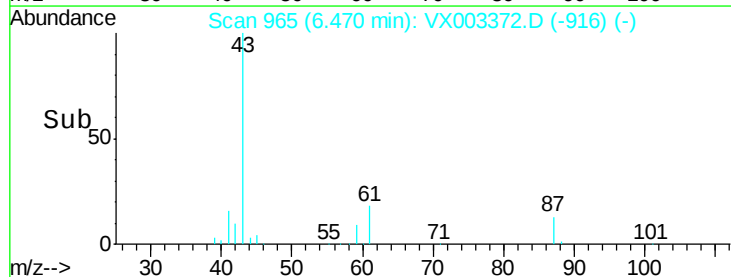
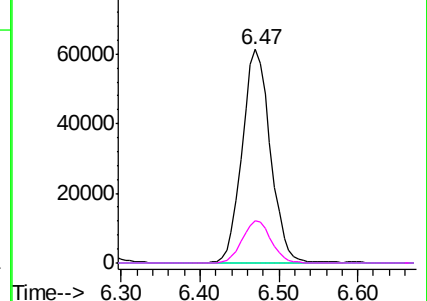


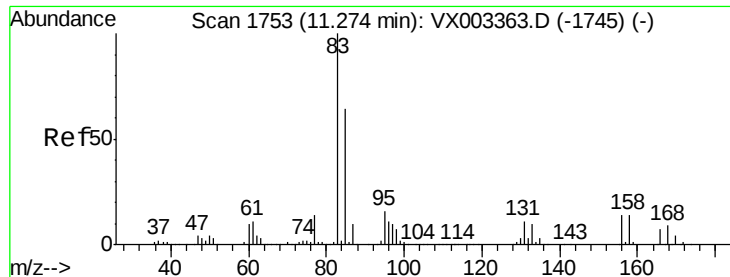
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.62 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampled :

VX0713WBS01

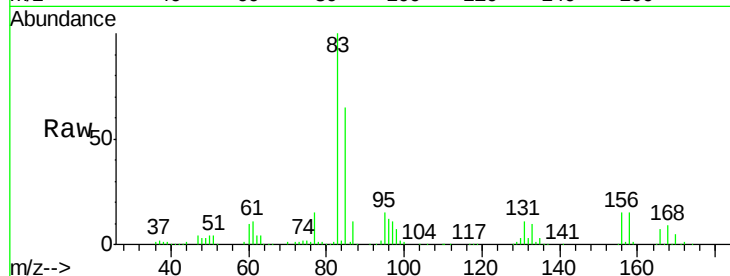
Tot Ion: 83 Resp: 107657

Ion Ratio Lower Upper

83 100

131 10.5 5.6 16.8

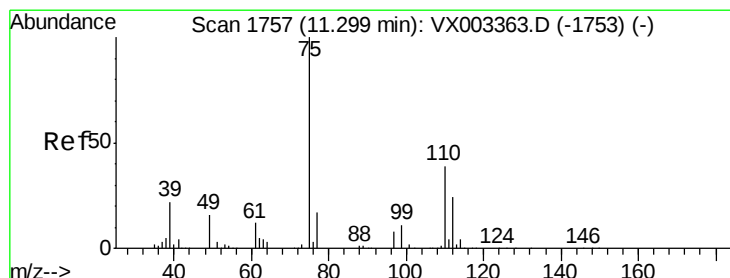
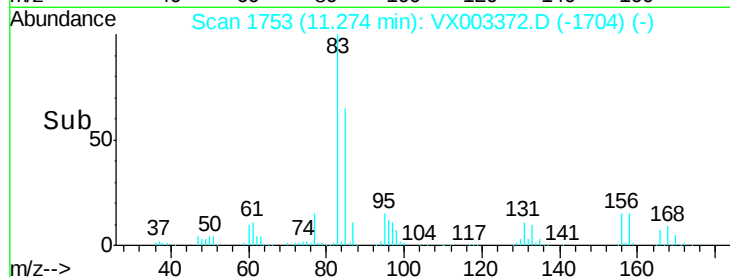
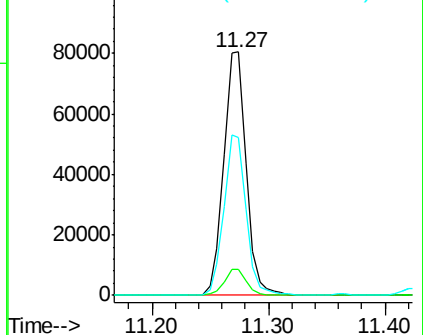
85 65.3 32.4 97.2



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: 25.29 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003372.D

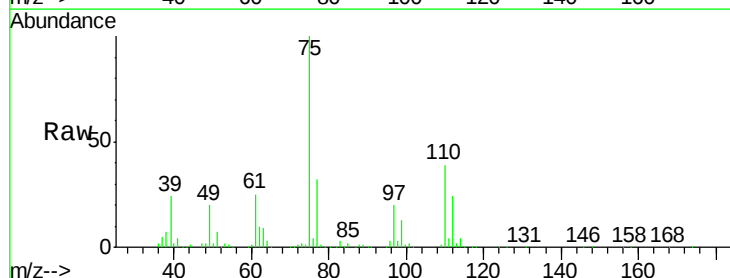
Acq: 13 Jul 2018 20:15

Tgt Ion: 75 Resp: 121478

Ion Ratio Lower Upper

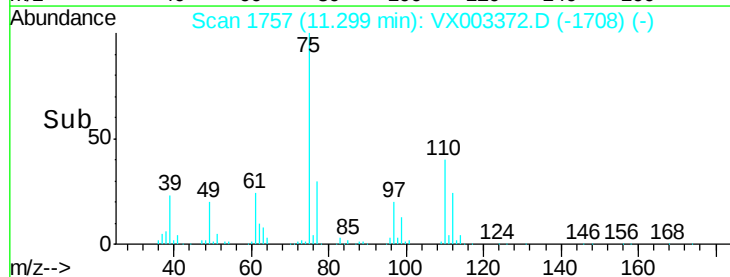
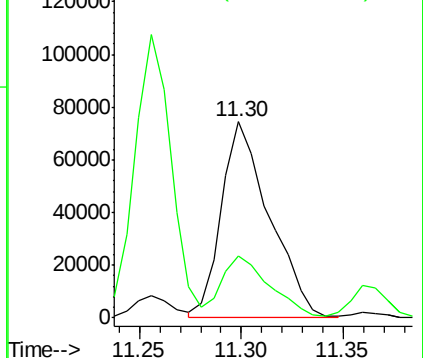
75 100

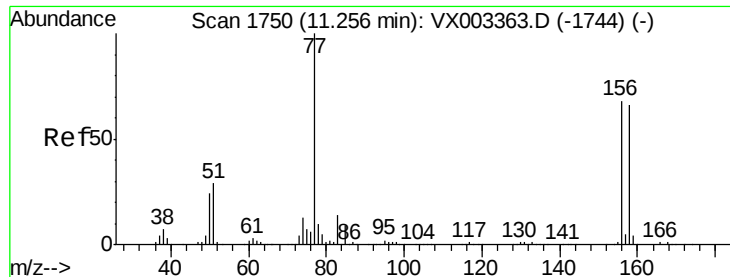
77 31.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.73 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

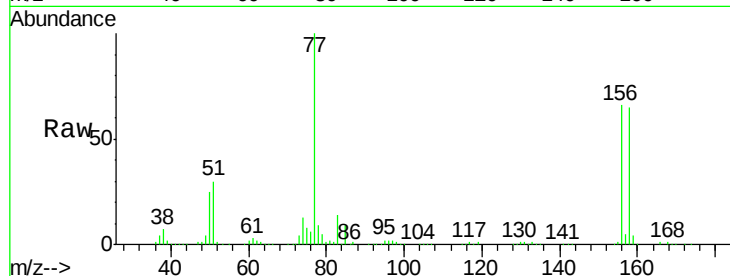
Tot Ion:156 Resp: 93731

Ion Ratio Lower Upper

156 100

77 143.3 71.4 214.2

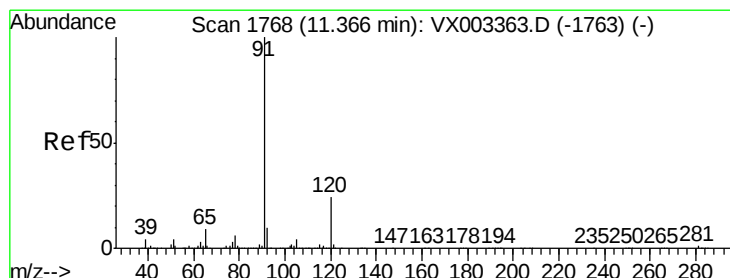
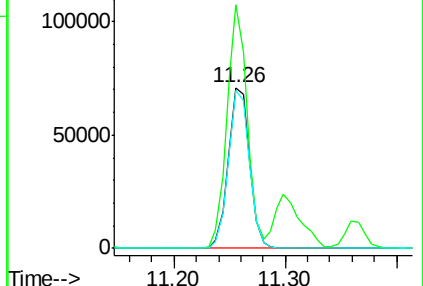
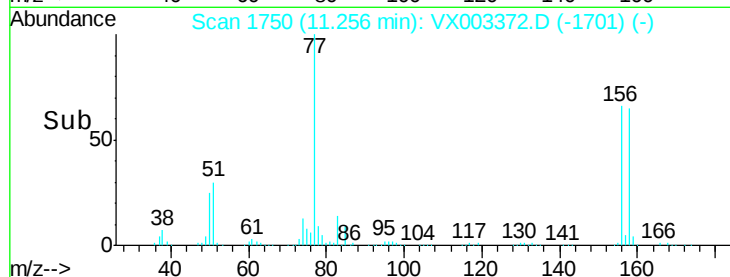
158 97.1 48.9 146.6



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: 20.59 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003372.D

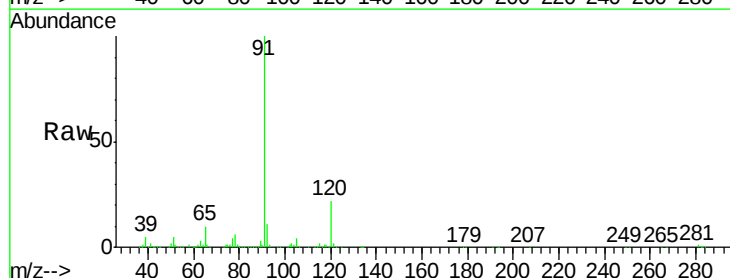
Acq: 13 Jul 2018 20:15

Tgt Ion: 91 Resp: 391135

Ion Ratio Lower Upper

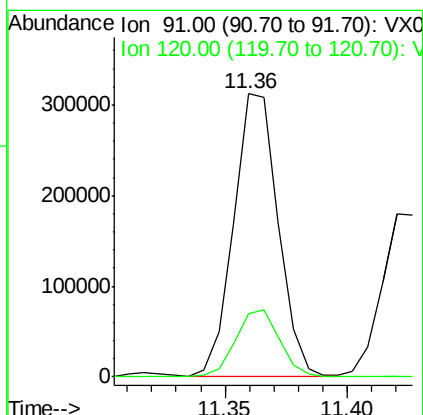
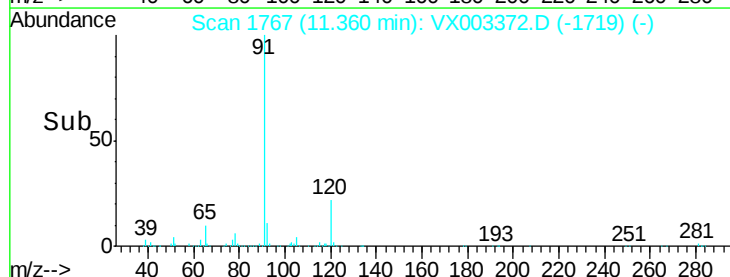
91 100

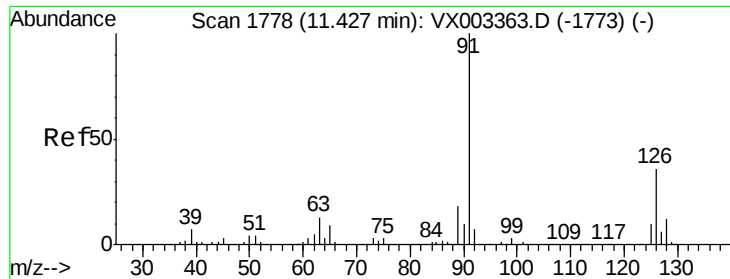
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

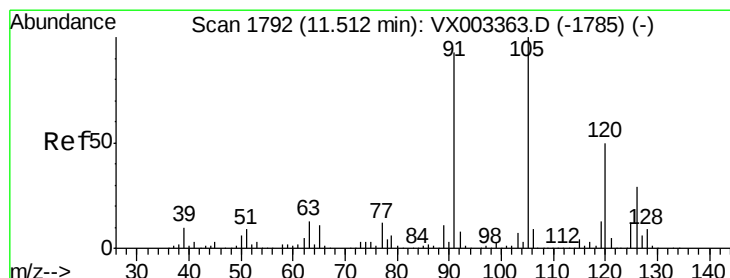
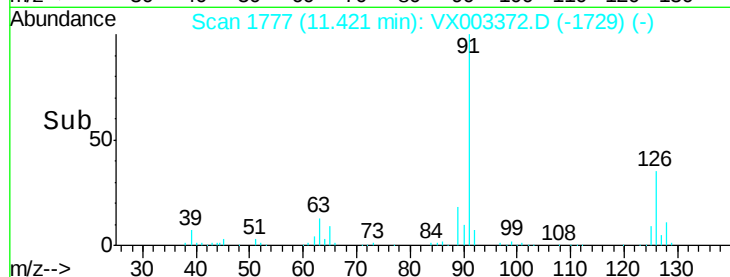
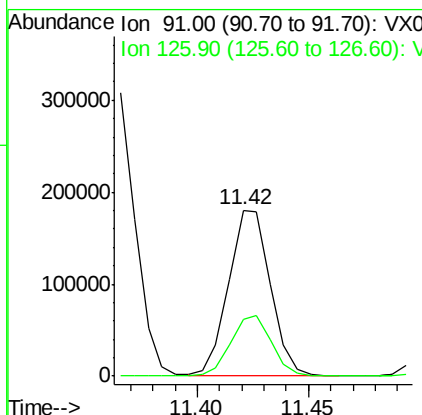
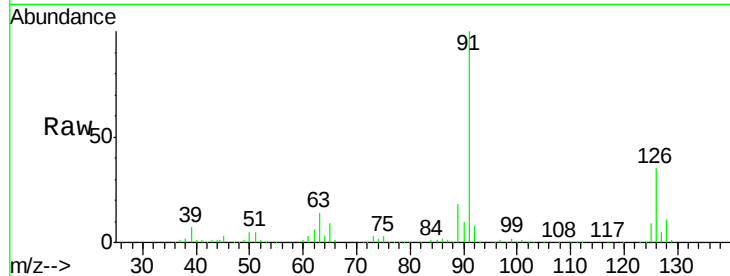




#79
 2-Chlorotoluene
 Concen: 19.95 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

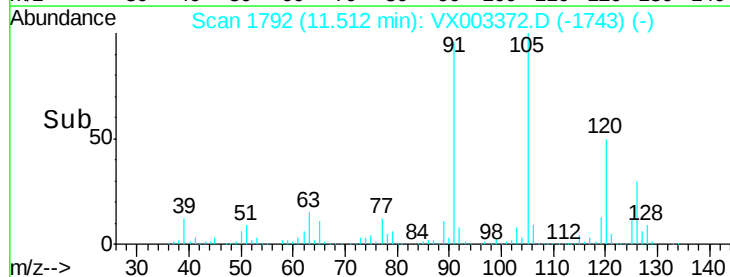
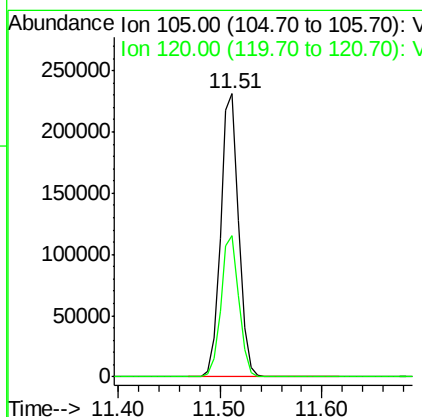
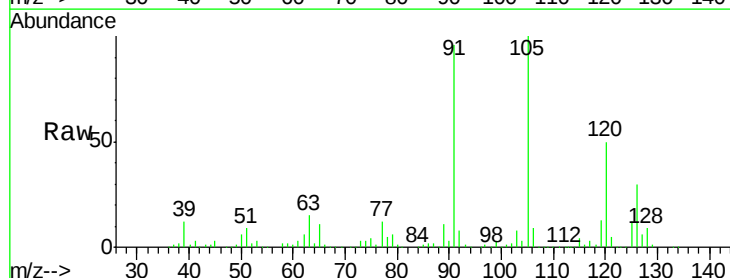
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

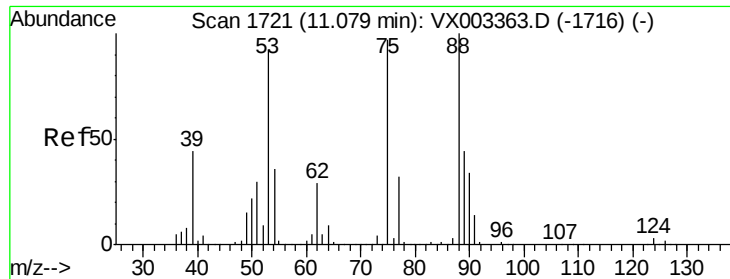
Tot Ion: 91 Resp: 234159
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.44 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion:105 Resp: 284693
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.81 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampled :

VX0713WBS01

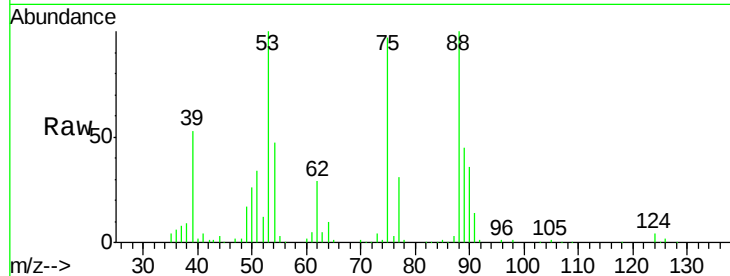
Tot Ion: 75 Resp: 27094

Ion Ratio Lower Upper

75 100

53 105.7 86.8 130.2

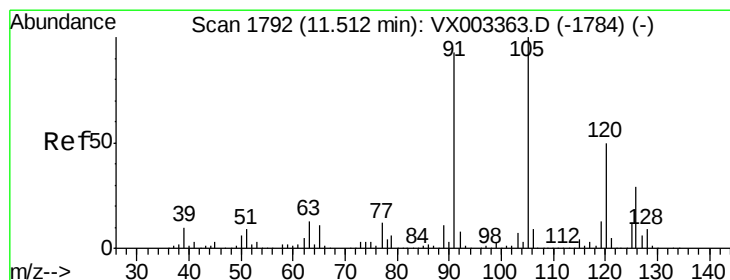
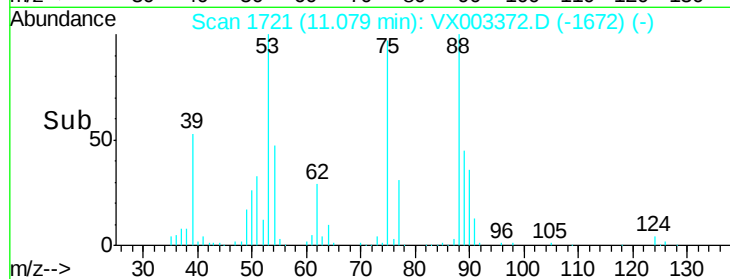
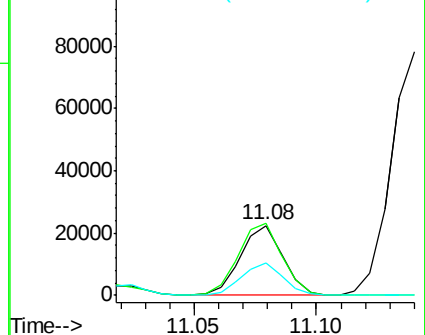
89 46.3 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003372.D

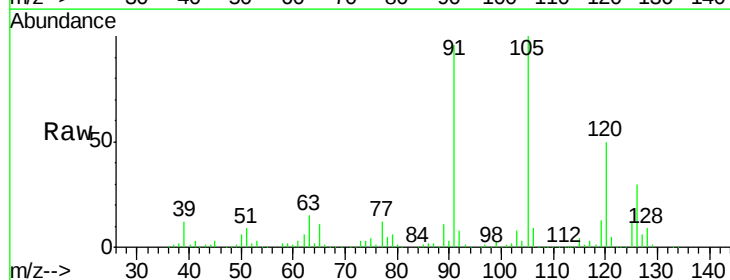
Acq: 13 Jul 2018 20:15

Tgt Ion: 91 Resp: 273450

Ion Ratio Lower Upper

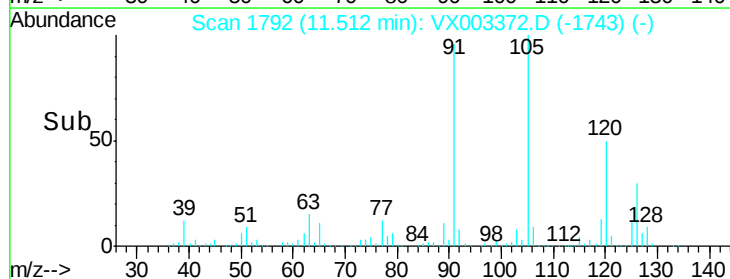
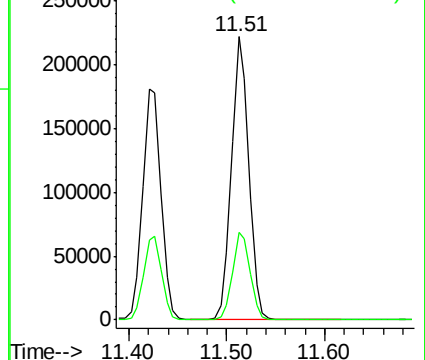
91 100

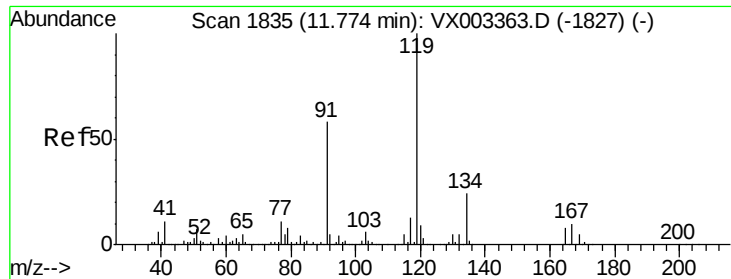
126 31.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

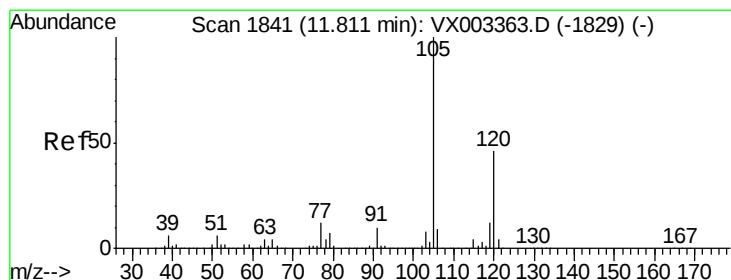
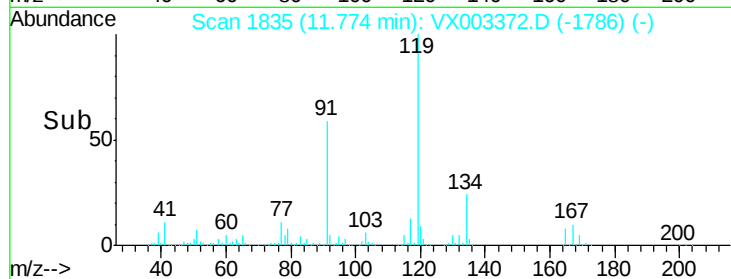
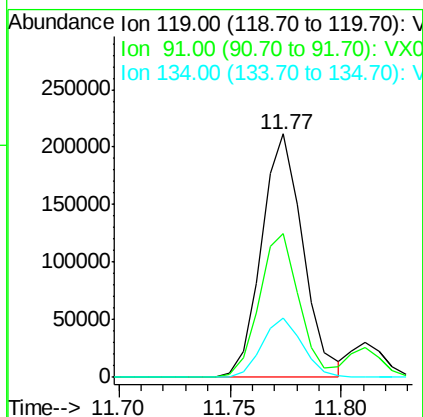
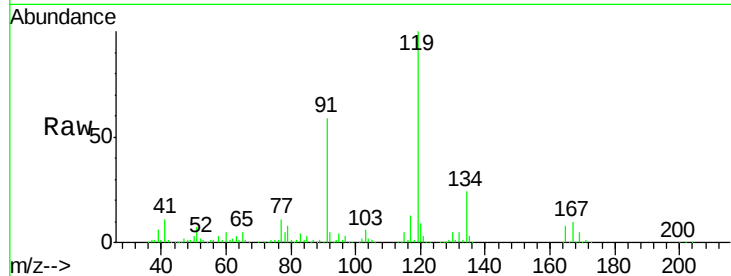




#83
 tert-Butylbenzene
 Concen: 19.76 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

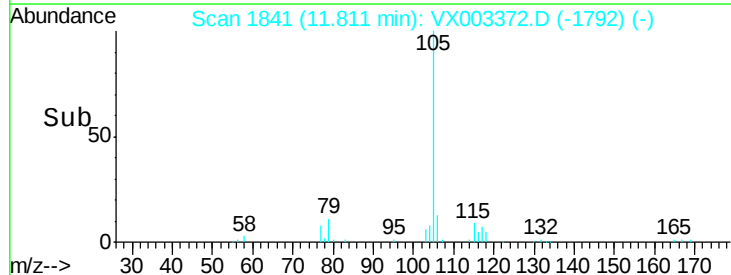
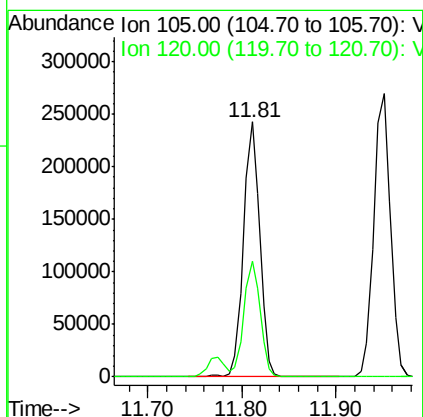
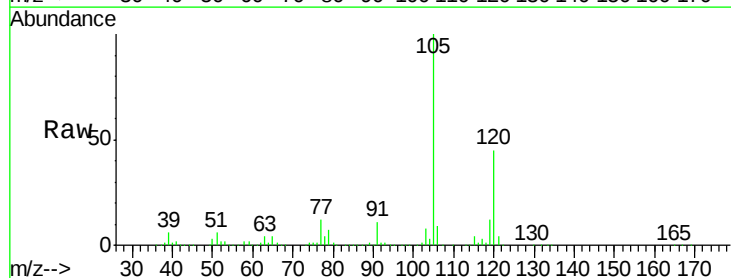
Instrument :
 MSVOA_X
 ClientSampled :
 VX0713WBS01

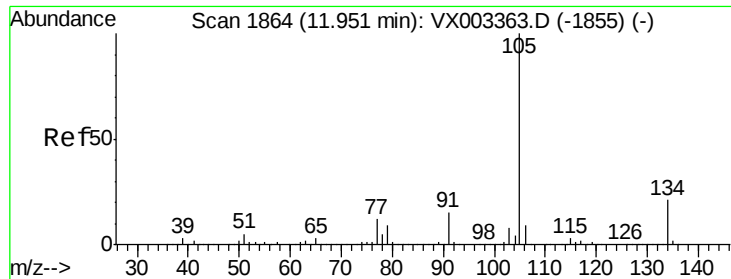
Tot Ion:119 Resp: 272573
 Ion Ratio Lower Upper
 119 100
 91 56.8 30.3 90.9
 134 23.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.76 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion:105 Resp: 293331
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.18 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

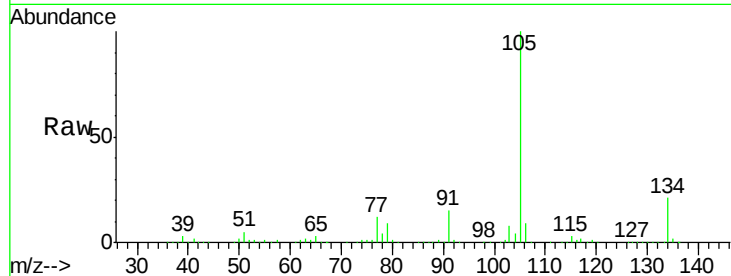
VX0713WBS01

Tot Ion:105 Resp: 332653

Ion Ratio Lower Upper

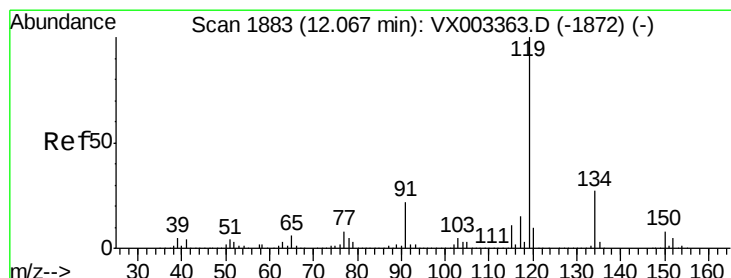
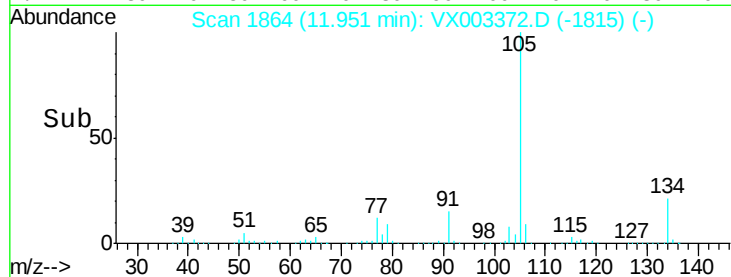
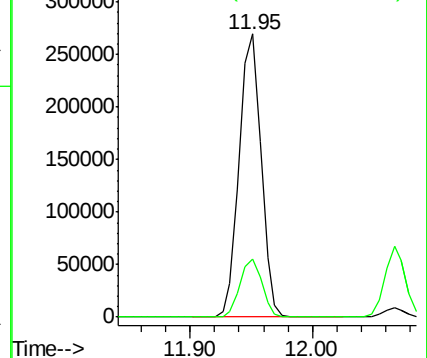
105 100

134 20.6 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: 20.16 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

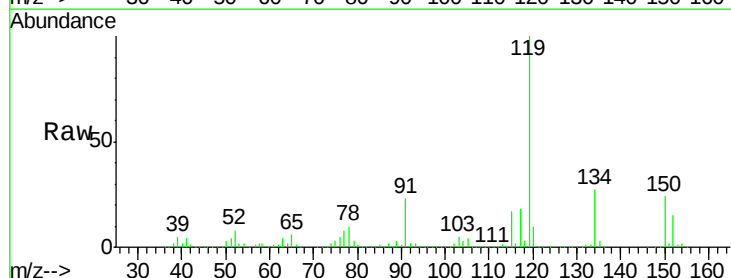
Tgt Ion:119 Resp: 297248

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

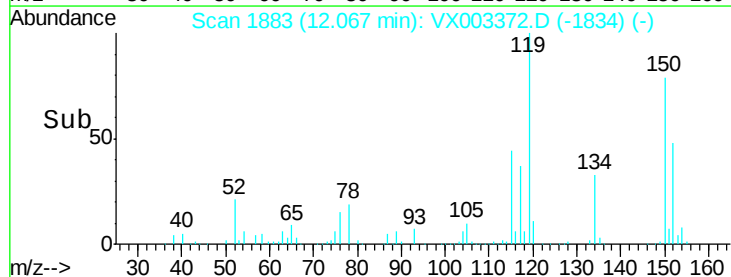
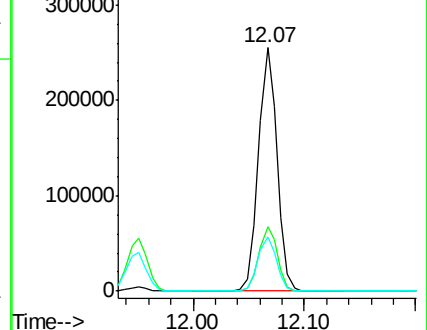
91 22.8 11.9 35.7

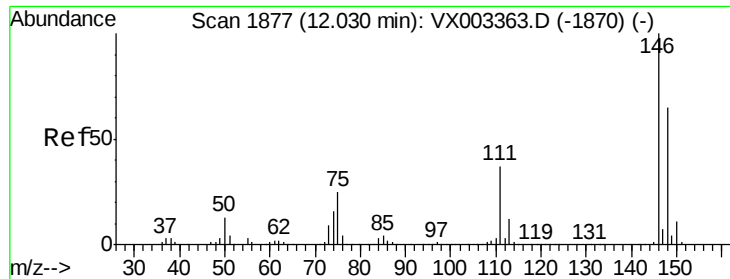


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.10 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

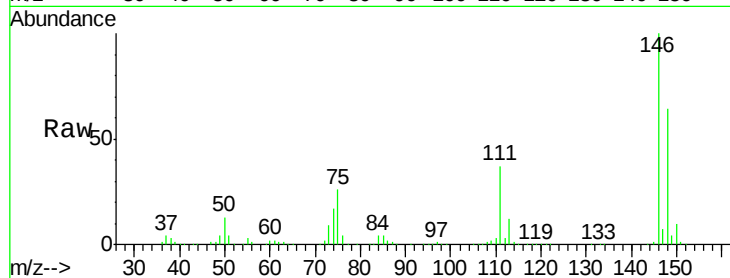
Tot Ion:146 Resp: 169335

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

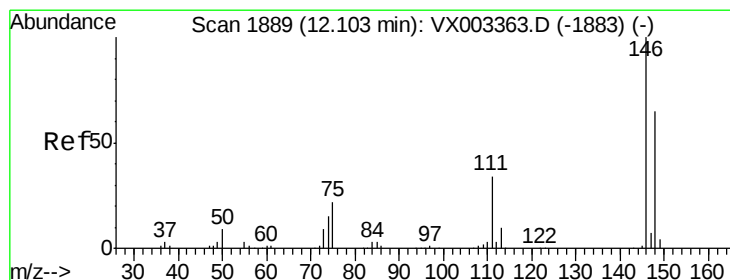
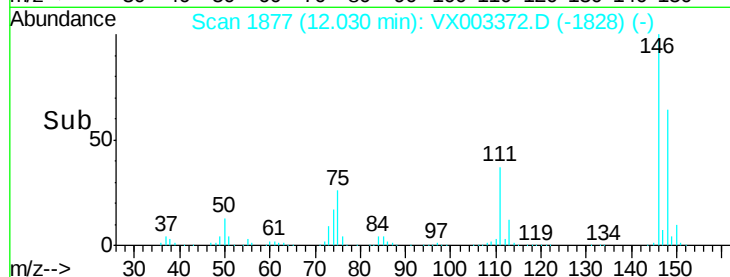
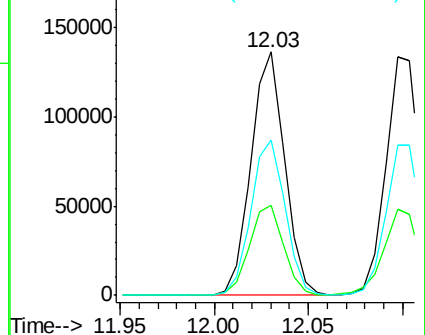
148 64.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.07 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

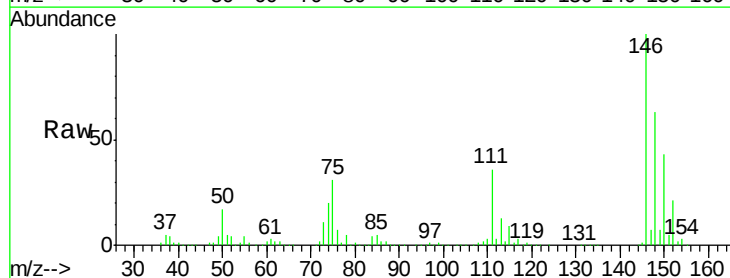
Tgt Ion:146 Resp: 171737

Ion Ratio Lower Upper

146 100

111 37.1 18.7 56.1

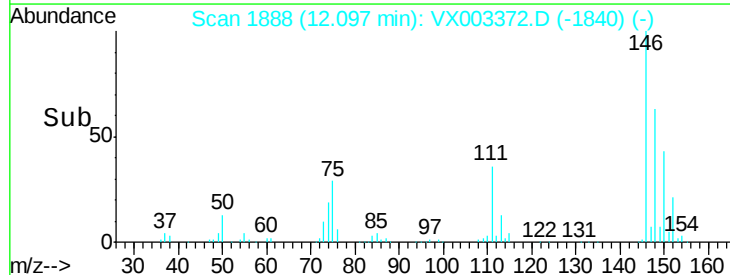
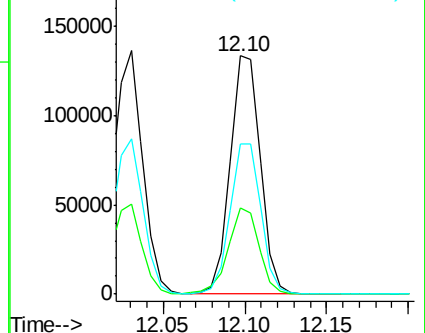
148 64.4 32.4 97.0

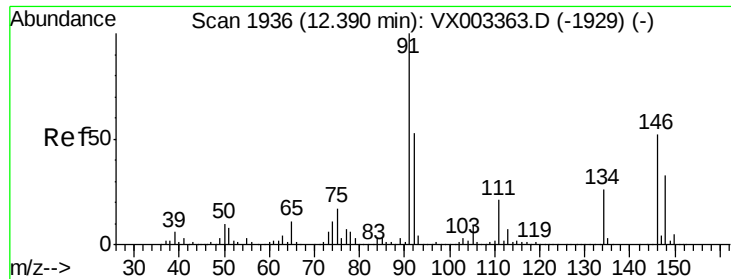


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

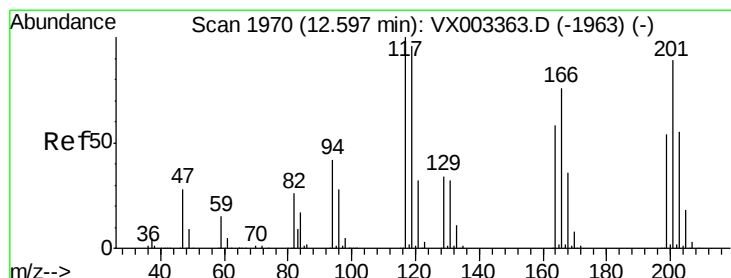
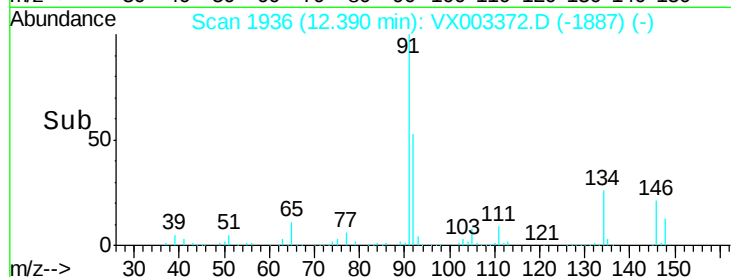
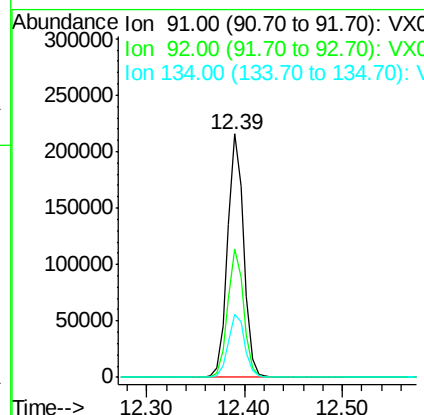
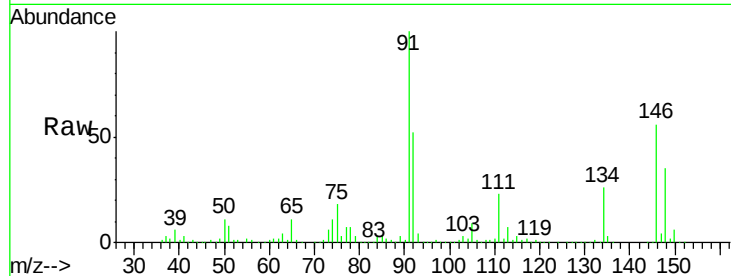




#89
n-Butylbenzene
Concen: 19.45 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

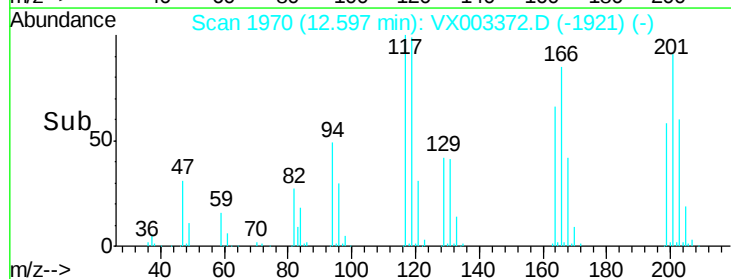
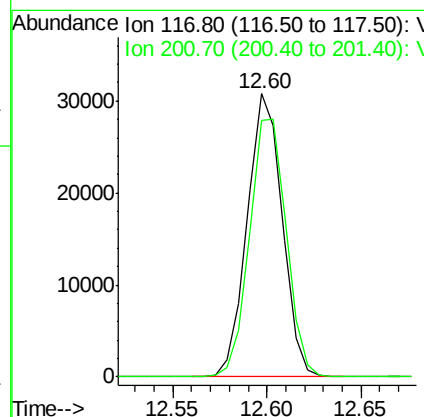
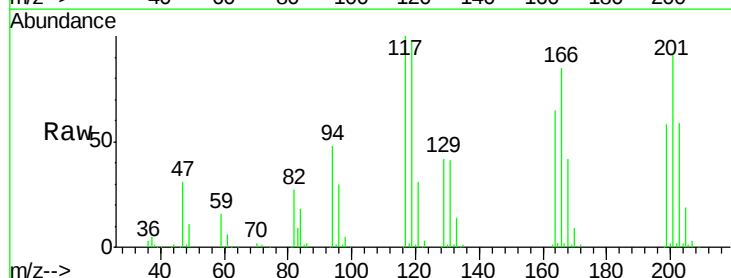
Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

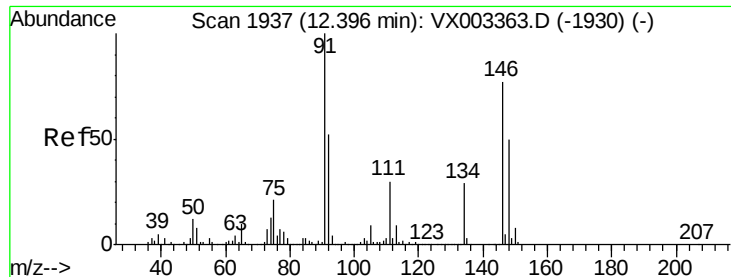
Tot Ion: 91 Resp: 245390
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 26.6 13.5 40.5



#90
Hexachloroethane
Concen: 17.96 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion: 117 Resp: 39702
Ion Ratio Lower Upper
117 100
201 95.4 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.43 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VX0713WBS01

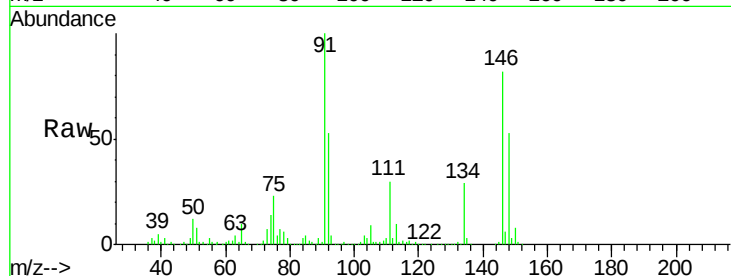
Tot Ion:146 Resp: 172405

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.1

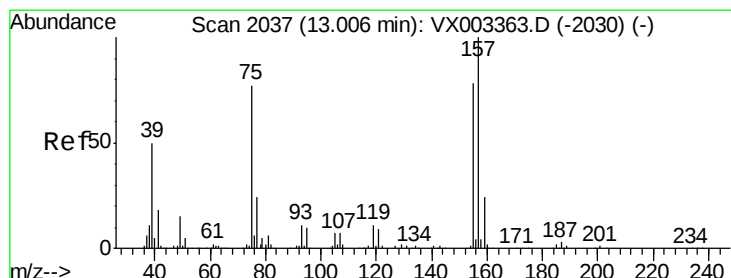
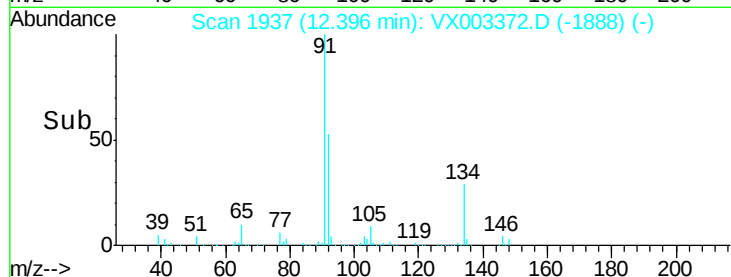
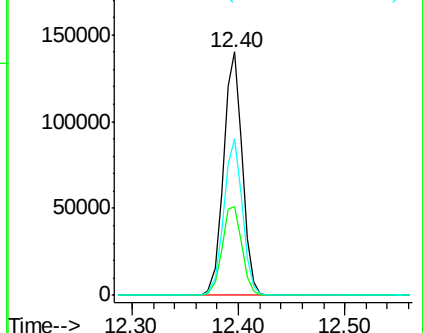
148 64.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.84 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003372.D

Acq: 13 Jul 2018 20:15

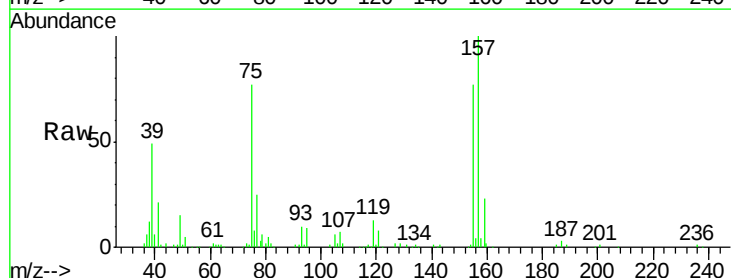
Tgt Ion: 75 Resp: 20500

Ion Ratio Lower Upper

75 100

155 98.9 45.8 137.4

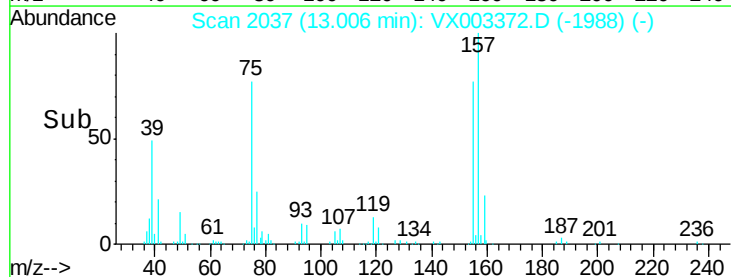
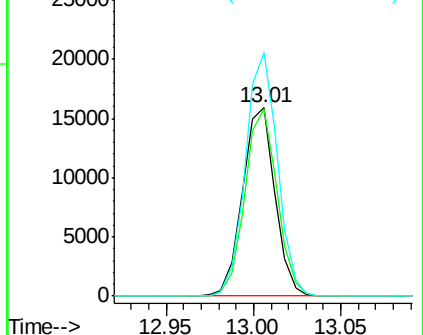
157 127.7 60.1 180.3

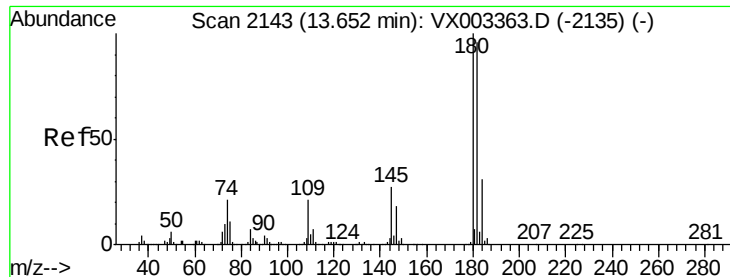


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

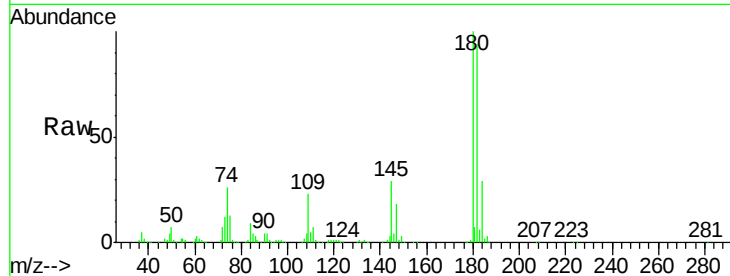




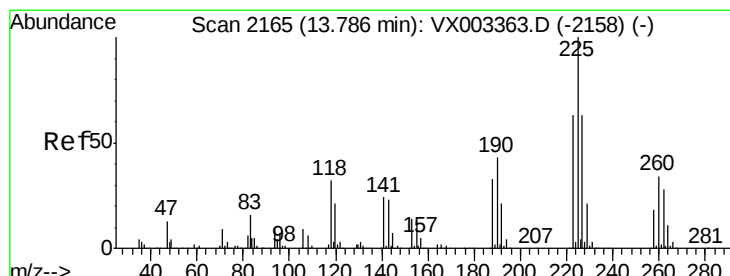
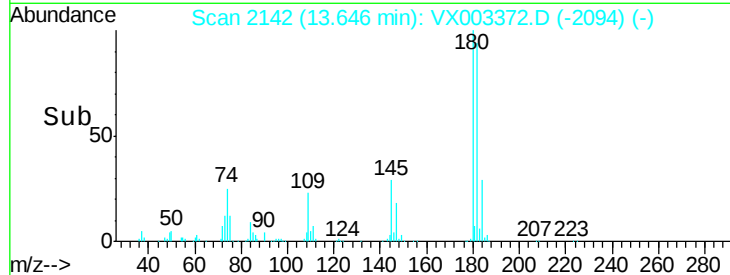
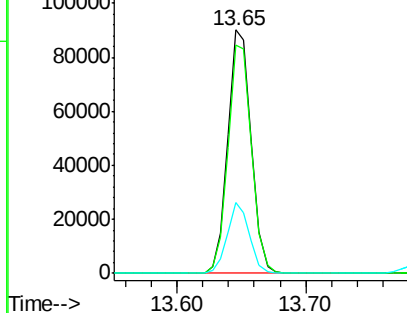
#93
 1,2,4-Trichlorobenzene
 Concen: 18.88 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

Tot Ion:180 Resp: 114634
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.7 143.1
 145 27.5 14.1 42.4

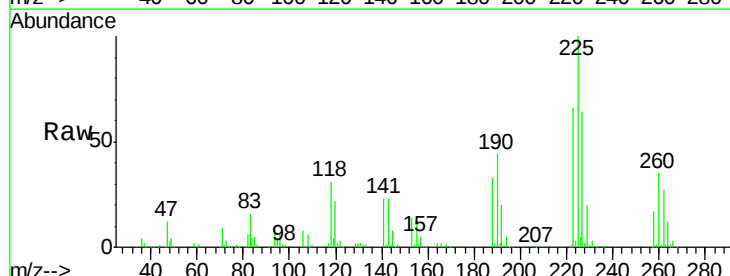


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

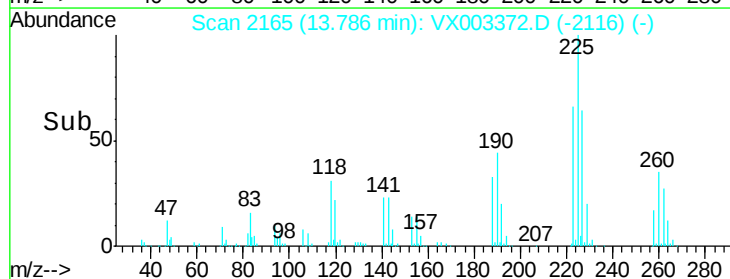
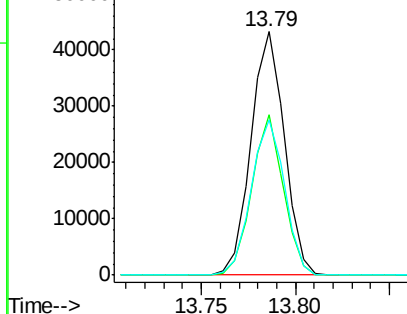


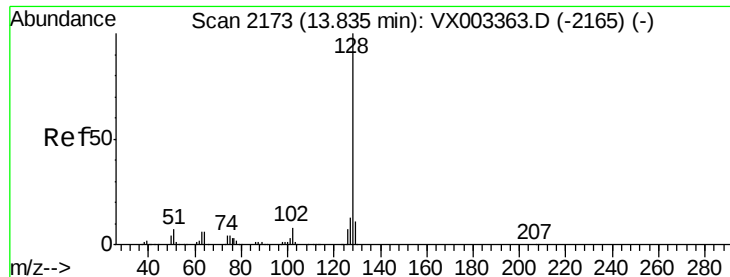
#94
 Hexachlorobutadiene
 Concen: 18.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003372.D
 Acq: 13 Jul 2018 20:15

Tgt Ion:225 Resp: 52895
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 64.0 32.4 97.2



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

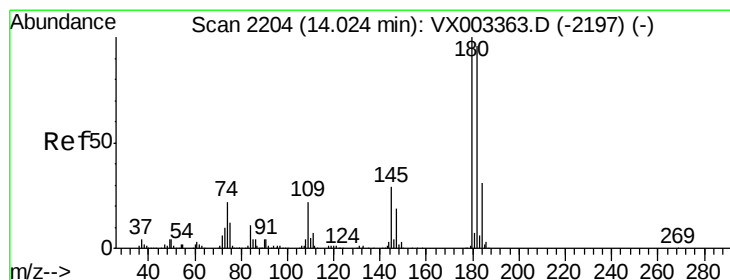
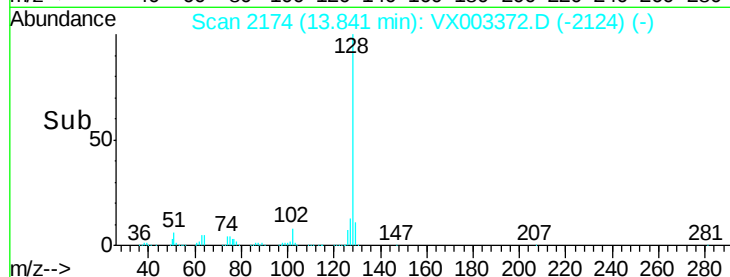
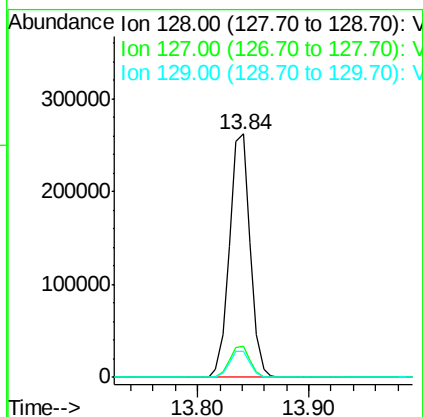
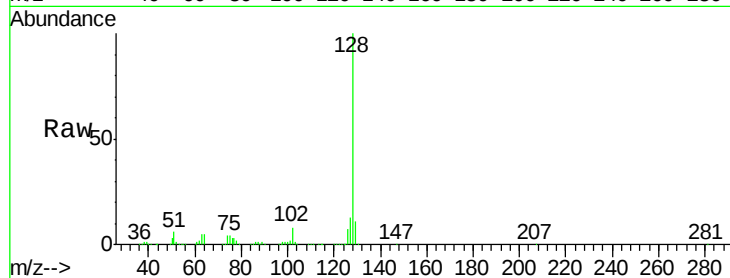




#95
Naphthalene
Concen: 19.76 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VX0713WBS01

Tot Ion:128 Resp: 336185
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.20 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003372.D
Acq: 13 Jul 2018 20:15

Tgt Ion:180 Resp: 117618
Ion Ratio Lower Upper
180 100
182 94.4 48.0 144.0
145 29.5 14.8 44.3

