

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003368.D
 Acq On : 13 Jul 2018 17:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071318

Quant Time: Jul 14 02:45:02 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	5.66	168	348315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	464787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	283755	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153701	39.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.46%	
35) Dibromofluoromethane	5.50	113	140488	39.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.58%	
50) Toluene-d8	8.72	98	489502	41.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.80%	
62) 4-Bromofluorobenzene	11.14	95	201166	40.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.80%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	167250	60.82	ug/l	98
3) Chloromethane	1.32	50	199568	59.41	ug/l	99
4) Vinyl Chloride	1.40	62	232282	51.65	ug/l	100
5) Bromomethane	1.64	94	105855	41.60	ug/l	97
6) Chloroethane	1.72	64	145106	57.83	ug/l	99
7) Trichlorofluoromethane	1.93	101	320471	49.46	ug/l	98
8) Diethyl Ether	2.19	74	133234	46.43	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	202586	48.65	ug/l	96
10) Methyl Iodide	2.51	142	229706	54.31	ug/l	94
11) Tert butyl alcohol	3.06	59	219530	217.35	ug/l	100
12) 1,1-Dichloroethene	2.37	96	187065	48.37	ug/l	93
13) Acrolein	2.29	56	127952	385.18	ug/l	98
14) Allyl chloride	2.73	41	351962	47.45	ug/l	88
15) Acrylonitrile	3.15	53	541336	214.67	ug/l	98
16) Acetone	2.45	43	418022	213.79	ug/l	90
17) Carbon Disulfide	2.57	76	534019	56.24	ug/l	100
18) Methyl Acetate	2.78	43	258229	42.53	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	629795	45.55	ug/l	99
20) Methylene Chloride	2.86	84	209605	50.37	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	203020	49.20	ug/l	93
22) Diisopropyl ether	3.87	45	670736	48.58	ug/l	96
23) Vinyl Acetate	3.82	43	2815333	249.54	ug/l	97
24) 1,1-Dichloroethane	3.70	63	376473	48.09	ug/l	100
25) 2-Butanone	4.70	43	669220	220.82	ug/l	92
26) 2,2-Dichloropropane	4.58	77	284797	51.40	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	220556	48.62	ug/l	92
28) Bromochloromethane	5.02	49	163632	45.88	ug/l	89
29) Tetrahydrofuran	5.16	42	442109	228.36	ug/l	92
30) Chloroform	5.21	83	354230	47.21	ug/l	97
31) Cyclohexane	5.57	56	328229	54.79	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	305906	48.94	ug/l	98
36) 1,1-Dichloropropene	5.80	75	277696	53.80	ug/l	98
37) Ethyl Acetate	4.86	43	262203	46.35	ug/l	96
38) Carbon Tetrachloride	5.78	117	274600	52.19	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003368.D
 Acq On : 13 Jul 2018 17:17
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071318

Quant Time: Jul 14 02:45:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	339576	58.11	ug/l	95
40) Benzene	6.14	78	823504	50.94	ug/l	99
41) Methacrylonitrile	5.06	41	150816	46.54	ug/l	93
42) 1,2-Dichloroethane	6.20	62	271762	48.12	ug/l	96
43) Isopropyl Acetate	6.46	43	430009	48.51	ug/l	94
44) Trichloroethene	7.21	130	236738	51.68	ug/l	100
45) 1,2-Dichloropropane	7.52	63	214104	49.93	ug/l	100
46) Dibromomethane	7.67	93	137536	49.88	ug/l	97
47) Bromodichloromethane	7.90	83	260622	50.13	ug/l	97
48) Methyl methacrylate	7.78	41	223483	49.40	ug/l	86
49) 1,4-Dioxane	7.76	88	96531	977.74	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1374056	237.14	ug/l	92
52) Toluene	8.79	92	532511	51.98	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	330394	54.11	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	300922	53.95	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	211341	49.43	ug/l	98
56) Ethyl methacrylate	9.18	69	319880	52.37	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	342001	49.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	793692	267.42	ug/l	98
59) 2-Hexanone	9.50	43	1038215	242.93	ug/l	89
60) Dibromochloromethane	9.59	129	217119	52.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	217483	50.44	ug/l	99
64) Tetrachloroethene	9.34	164	261361	51.92	ug/l	98
65) Chlorobenzene	10.14	112	606690	50.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	214950	50.94	ug/l	99
67) Ethyl Benzene	10.26	91	1023008	52.67	ug/l	100
68) m/p-Xylenes	10.36	106	806700	107.82	ug/l	96
69) o-Xylene	10.70	106	386934	52.95	ug/l	96
70) Styrene	10.71	104	656344	53.44	ug/l	97
71) Bromoform	10.86	173	167875	51.96	ug/l	99
73) Isopropylbenzene	11.02	105	1038266	52.92	ug/l	100
74) N-amyl acetate	6.46	43	430009	47.28	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	301034	47.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	355023	63.33	ug/l	79
77) Bromobenzene	11.26	156	281142	50.71	ug/l	98
78) n-propylbenzene	11.36	91	1186709	53.51	ug/l	99
79) 2-Chlorotoluene	11.42	91	695316	50.76	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	870400	53.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	92023	54.73	ug/l	89
82) 4-Chlorotoluene	11.51	91	823974	51.63	ug/l	98
83) tert-Butylbenzene	11.77	119	846495	52.58	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	891422	54.04	ug/l	97
85) sec-Butylbenzene	11.94	105	1030512	53.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	934011	54.26	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	519052	50.15	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	525747	50.03	ug/l	99
89) n-Butylbenzene	12.39	91	815355	55.35	ug/l	99
90) Hexachloroethane	12.60	117	135412	52.48	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	512560	49.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	61567	48.47	ug/l	91

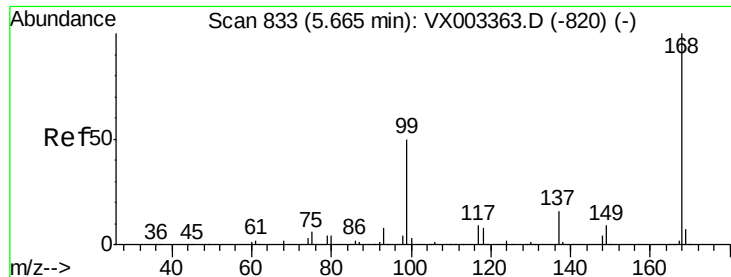
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071318\
Data File : VX003368.D
Acq On : 13 Jul 2018 17:17
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

Quant Time: Jul 14 02:45:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	378288	53.38	ug/l	99
94) Hexachlorobutadiene	13.79	225	181546	54.29	ug/l	99
95) Naphthalene	13.83	128	1049640	52.85	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	375773	52.54	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

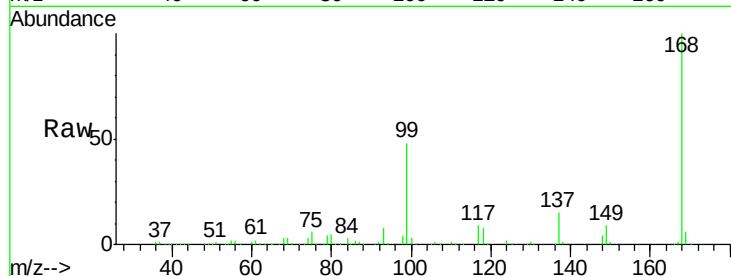
ICVVX071318

Tot Ion:168 Resp: 348315

Ion Ratio Lower Upper

168 100

99 48.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

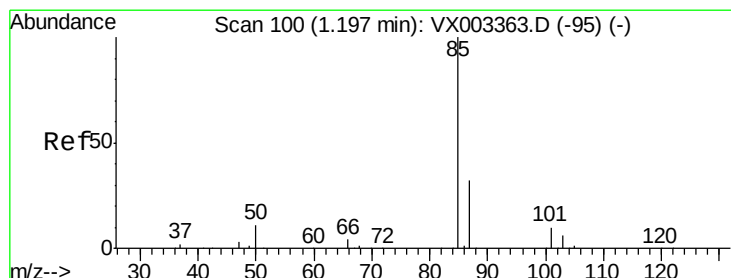
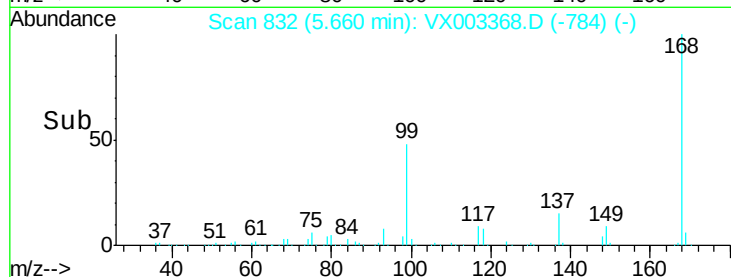
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 60.82 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003368.D

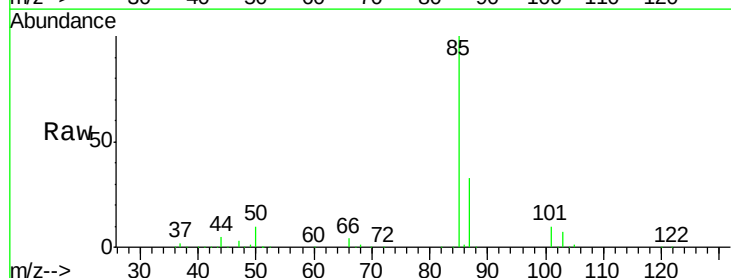
Acq: 13 Jul 2018 17:17

Tgt Ion: 85 Resp: 167250

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

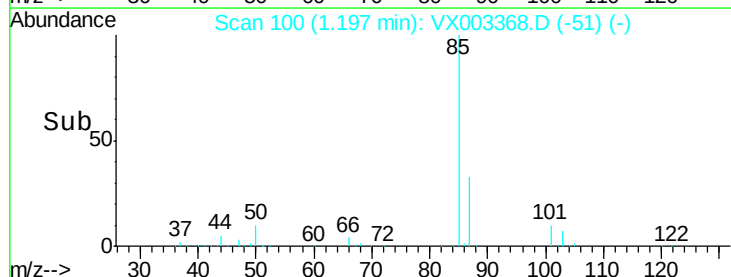
150000

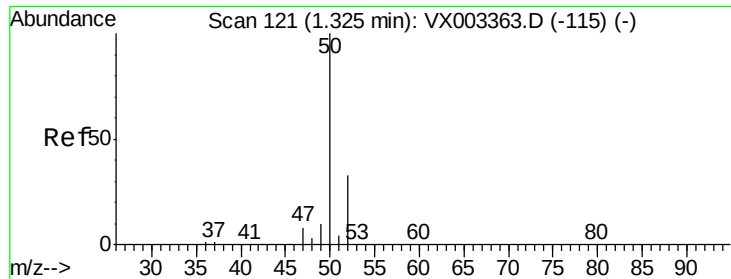
100000

50000

0

Time-->

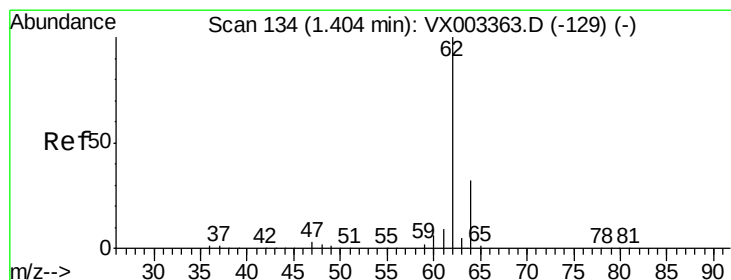
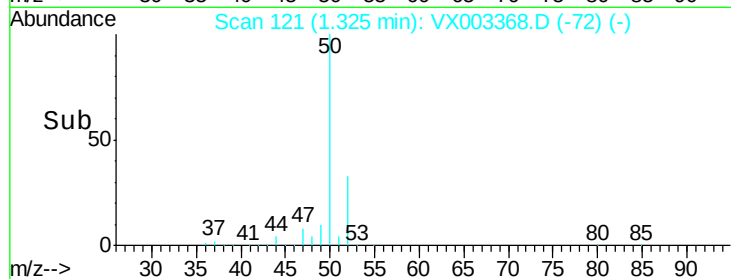
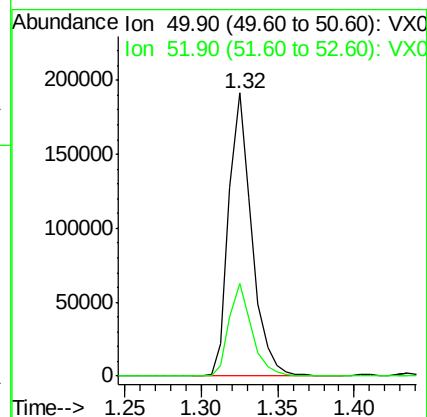
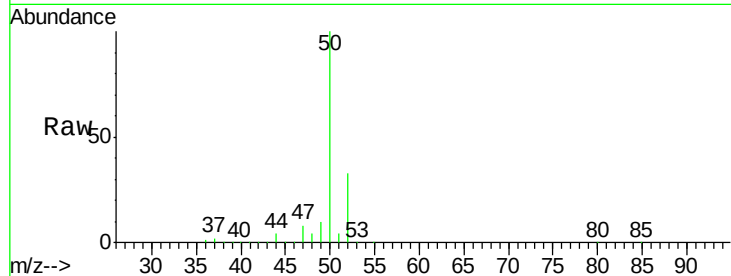




#3
Chloromethane
Concen: 59.41 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

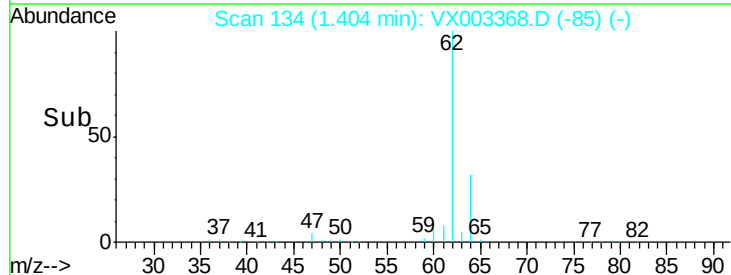
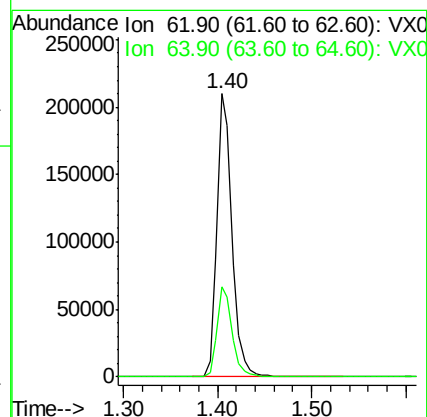
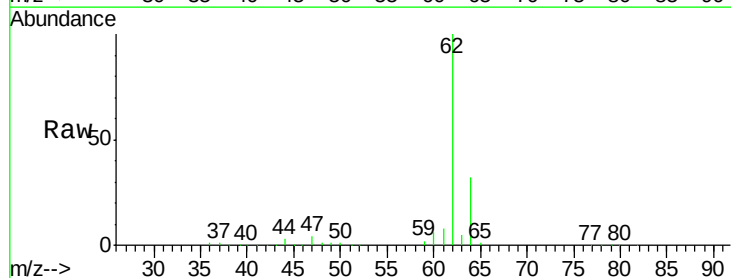
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

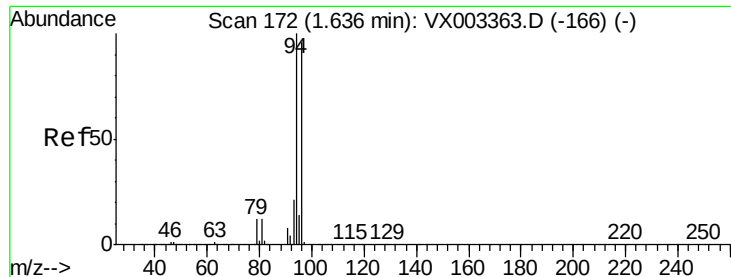
Tot Ion: 50 Resp: 199568
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5



#4
Vinyl Chloride
Concen: 51.65 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion: 62 Resp: 232282
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.2





#5

Bromomethane

Concen: 41.60 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

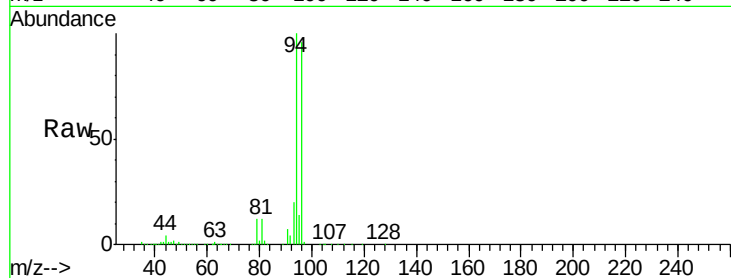
ICVVX071318

Tot Ion: 94 Resp: 105855

Ion Ratio Lower Upper

94 100

96 96.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

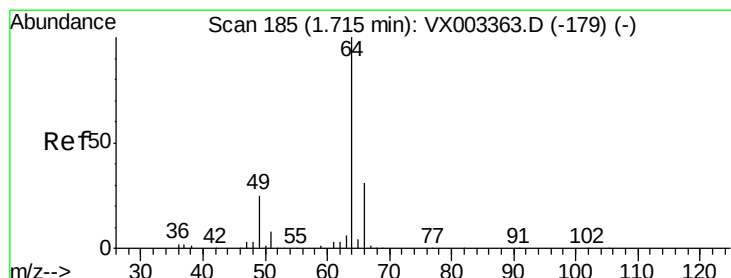
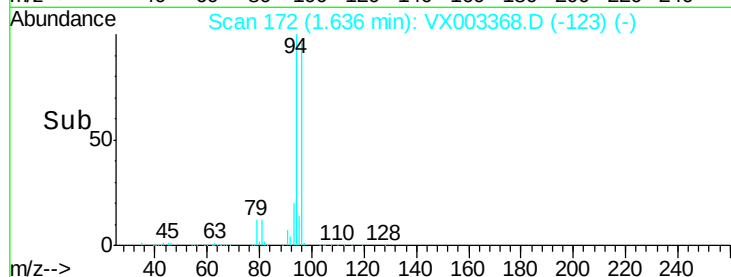
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 57.83 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003368.D

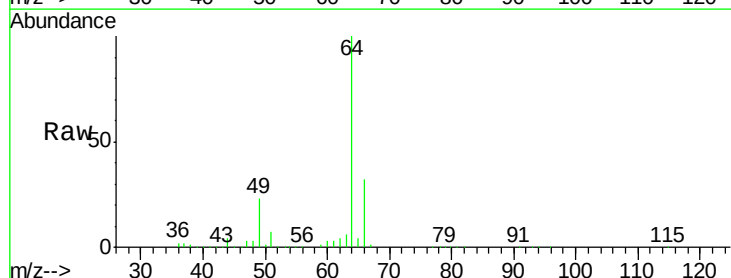
Acq: 13 Jul 2018 17:17

Tgt Ion: 64 Resp: 145106

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

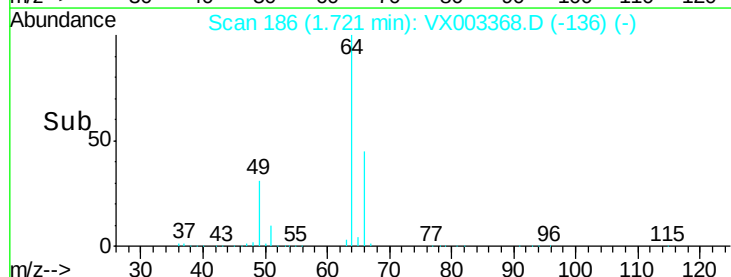
60000

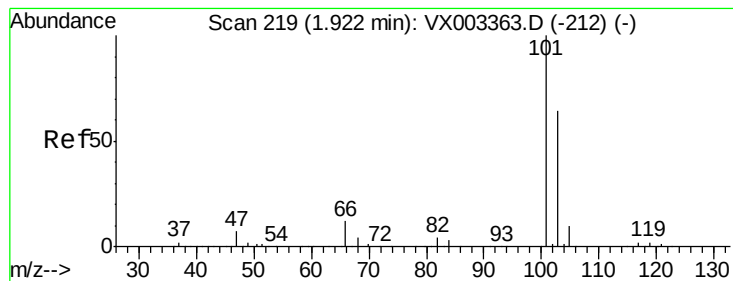
40000

20000

0

Time-->



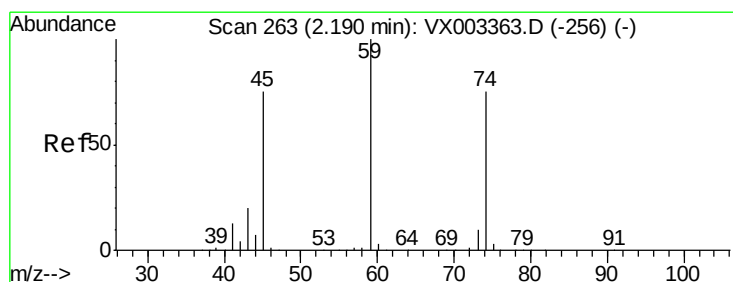
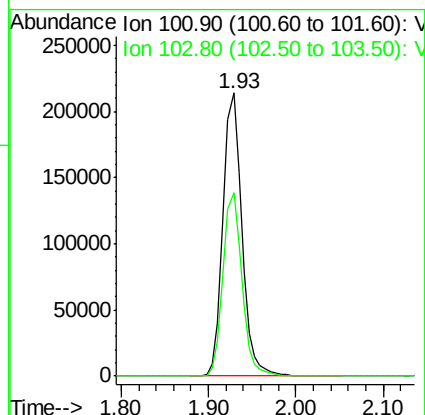
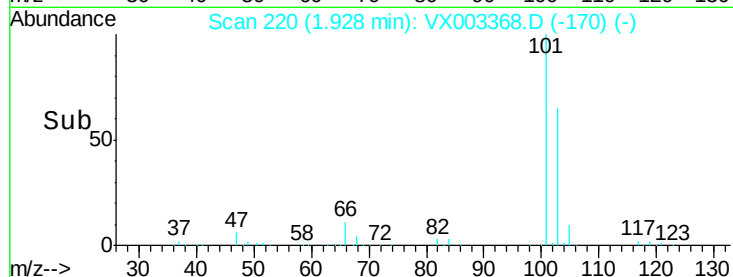
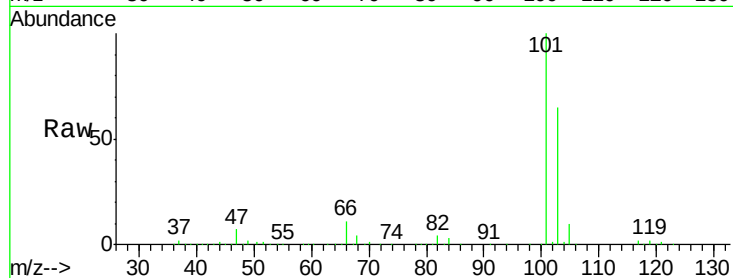


#7

Trichlorofluoromethane
 Concen: 49.46 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071318

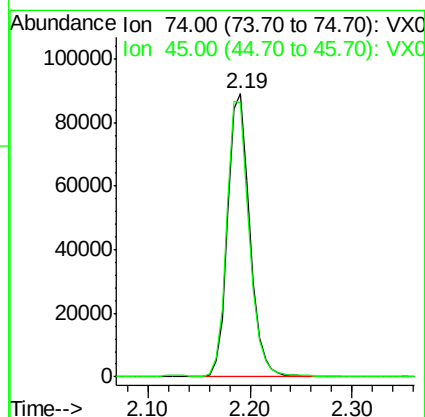
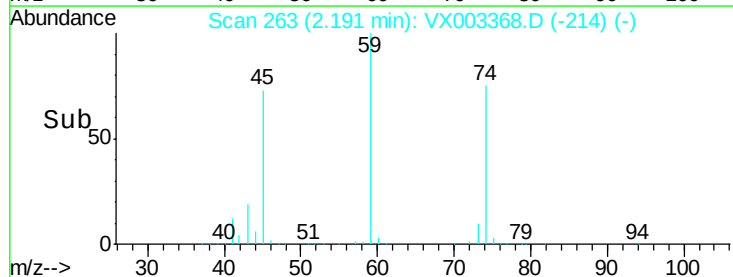
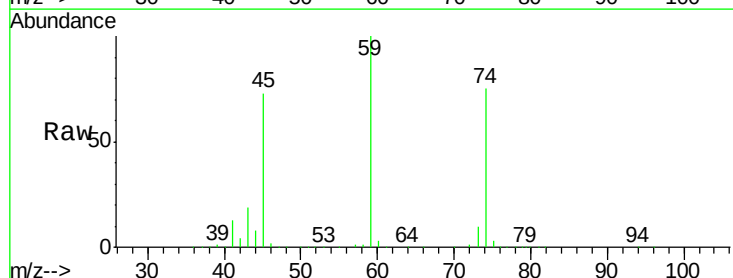
Tot Ion:101 Resp: 320471
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.8 79.2

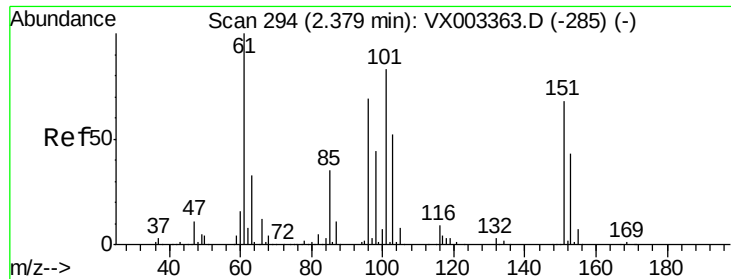


#8

Diethyl Ether
 Concen: 46.43 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

Tgt Ion: 74 Resp: 133234
 Ion Ratio Lower Upper
 74 100
 45 99.7 53.1 159.4

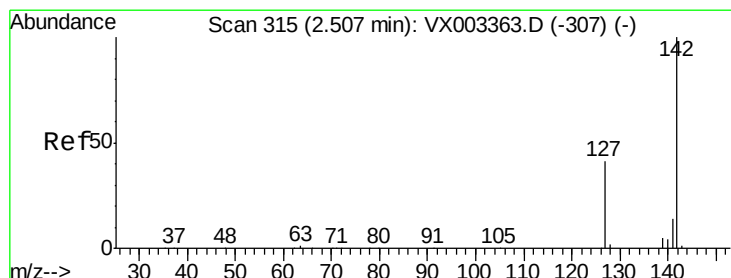
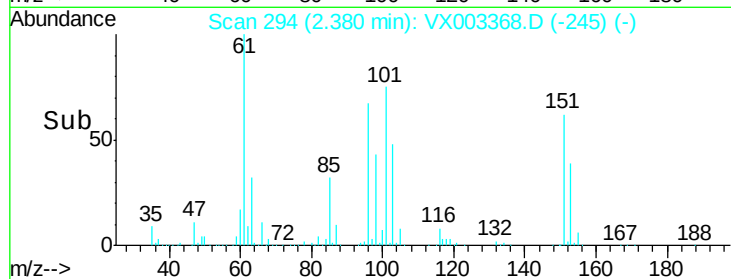
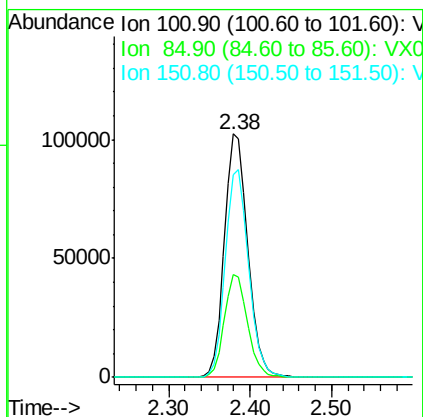
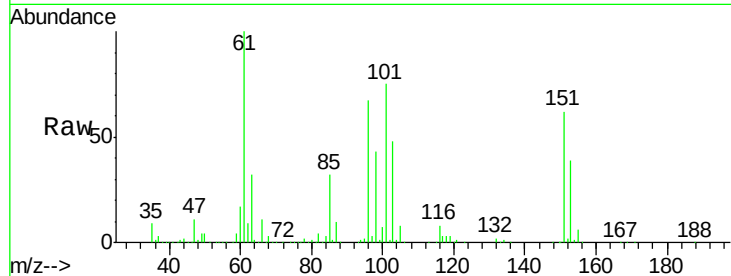




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.65 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

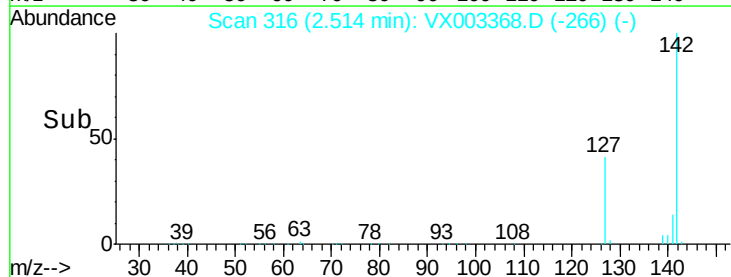
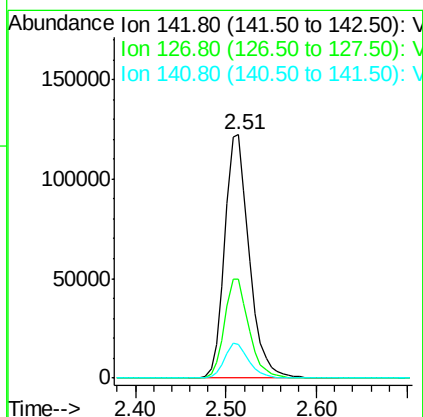
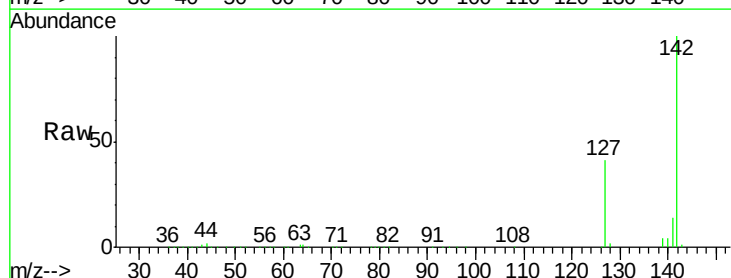
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071318

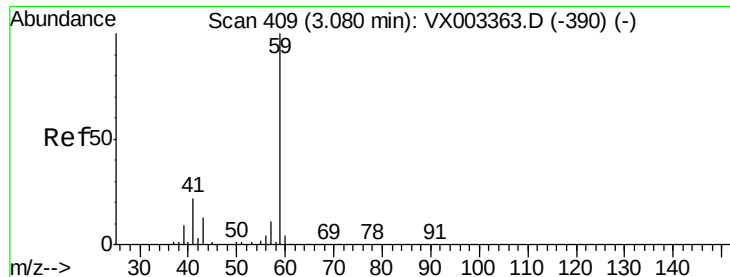
Tot Ion	Ratio	Lower	Upper
101	100		
85	41.7	36.0	54.0
151	85.3	70.9	106.3



#10
 Methyl Iodide
 Concen: 54.31 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.5	36.6	55.0
141	14.0	11.3	16.9

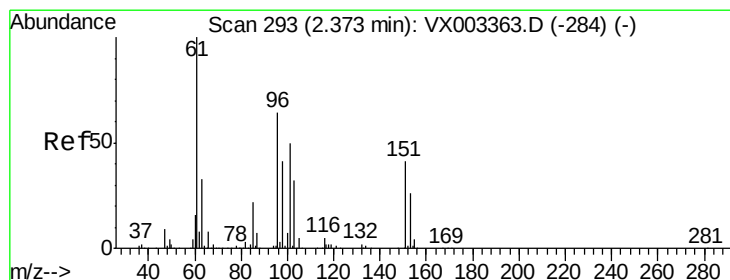
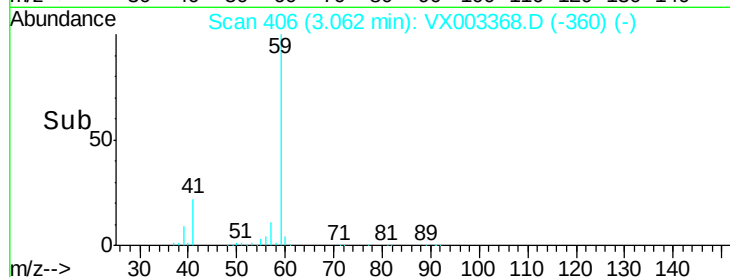
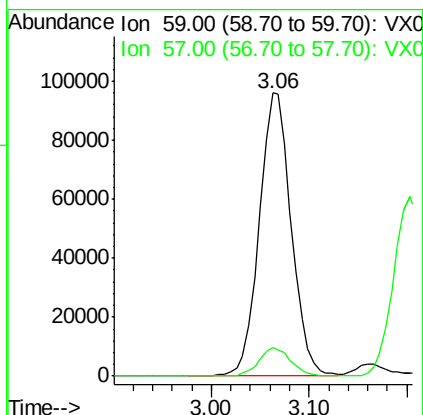
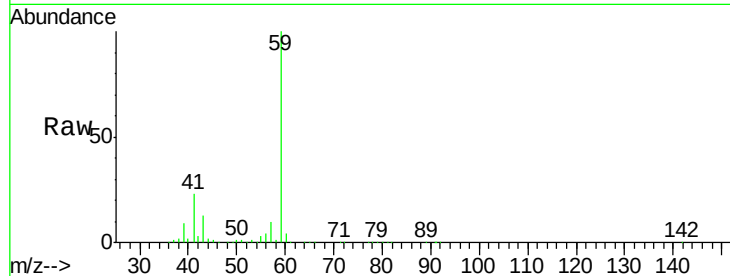




#11
Tert butyl alcohol
Concen: 217.35 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

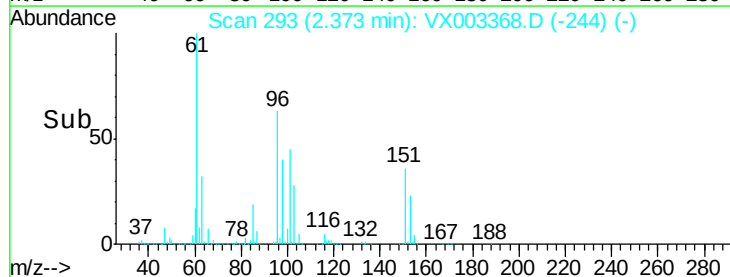
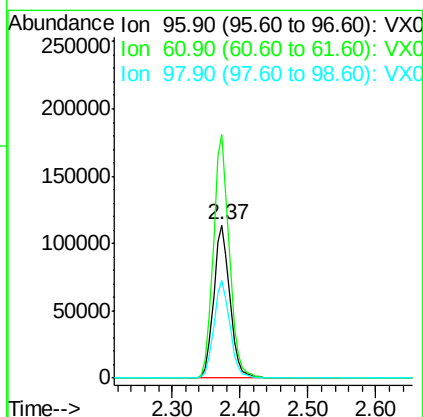
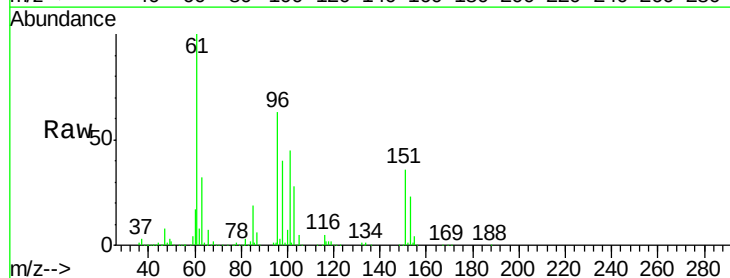
Instrument :
MSVOA_X
ClientSampled :
ICVVX071318

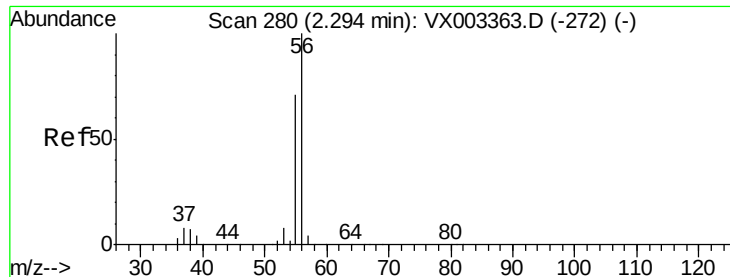
Tot Ion: 59 Resp: 219530
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.37 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion: 96 Resp: 187065
Ion Ratio Lower Upper
96 100
61 159.0 137.9 206.9
98 63.6 51.6 77.4





#13

Acrolein

Concen: 385.18 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

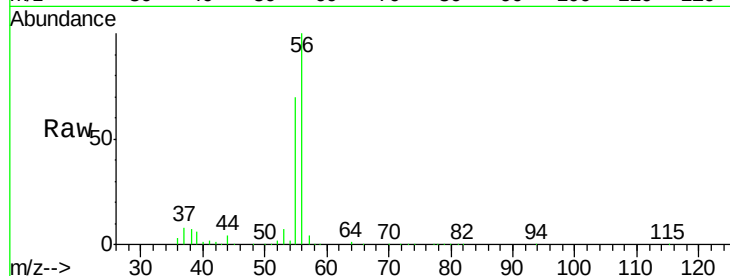
ICVVX071318

Tot Ion: 56 Resp: 127952

Ion Ratio Lower Upper

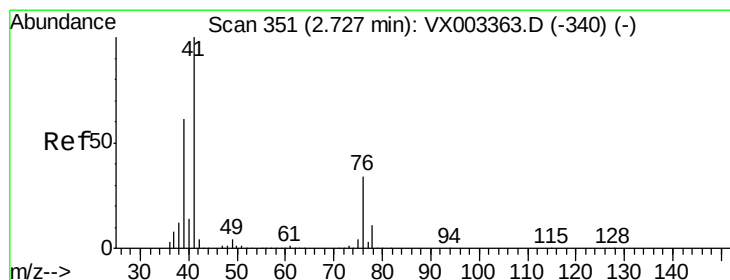
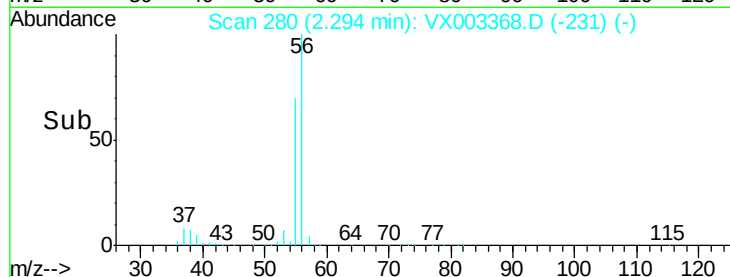
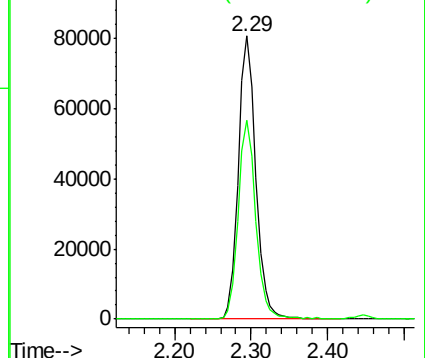
56 100

55 69.8 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: 47.45 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

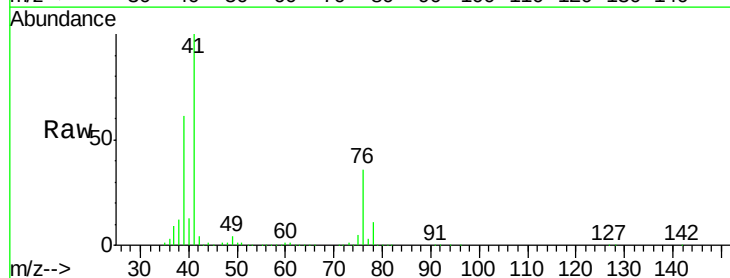
Tgt Ion: 41 Resp: 351962

Ion Ratio Lower Upper

41 100

39 58.9 56.8 85.2

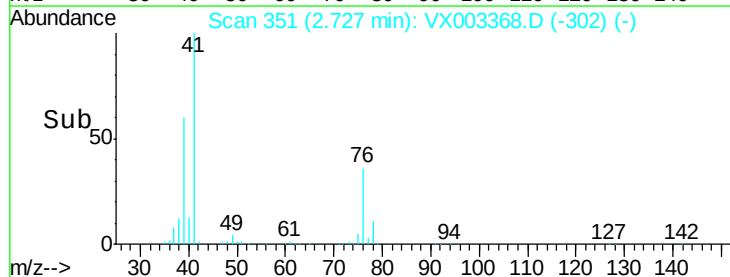
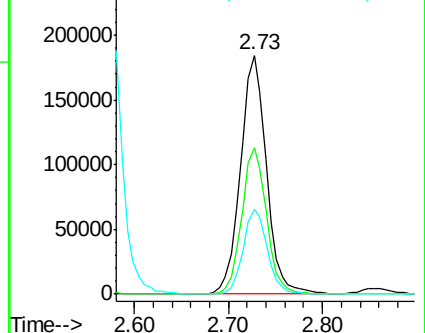
76 33.2 23.8 35.8

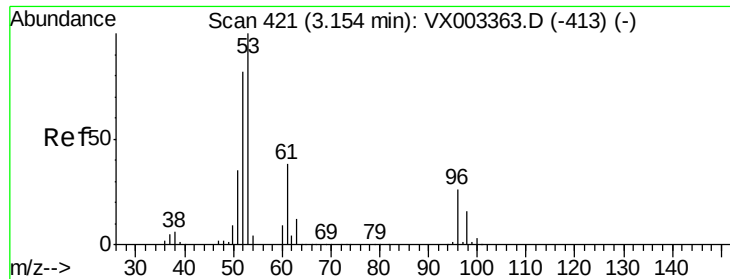


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 214.67 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

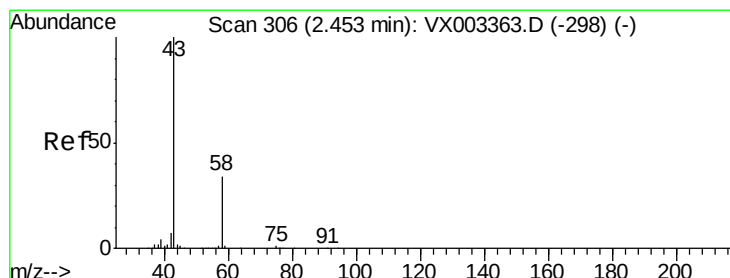
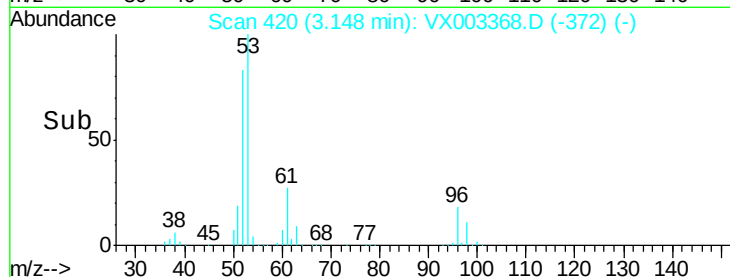
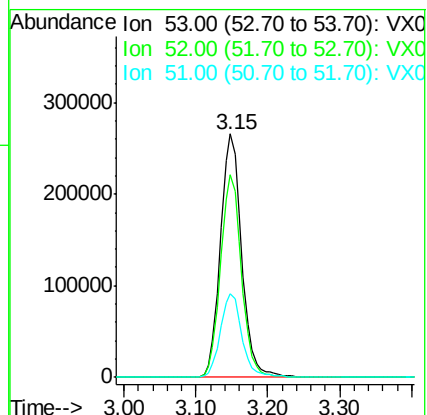
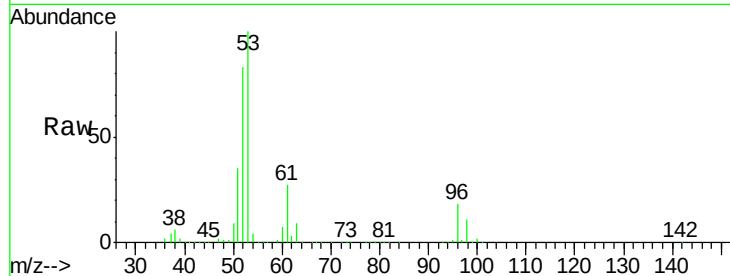
Tot Ion: 53 Resp: 541336

Ion Ratio Lower Upper

53 100

52 82.5 66.7 100.1

51 35.1 29.9 44.9



#16

Acetone

Concen: 213.79 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003368.D

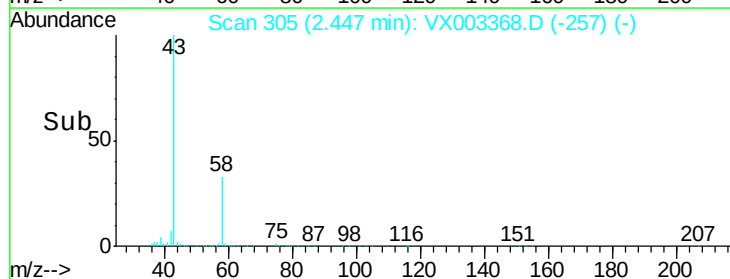
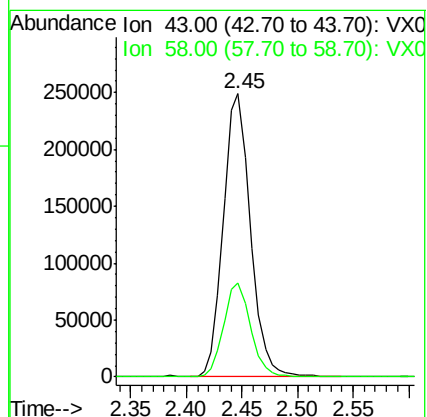
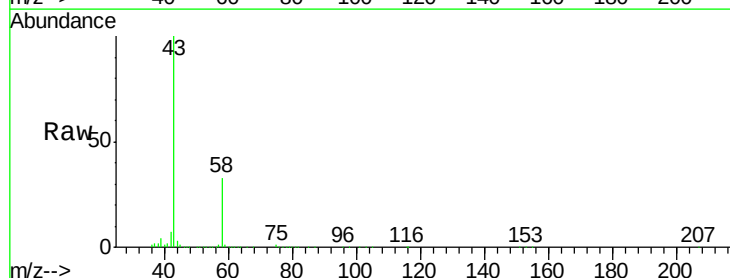
Acq: 13 Jul 2018 17:17

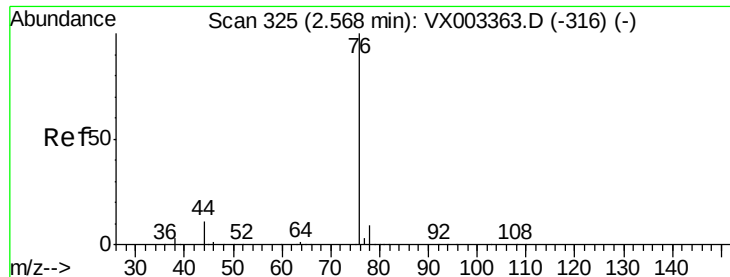
Tgt Ion: 43 Resp: 418022

Ion Ratio Lower Upper

43 100

58 33.0 22.1 33.1

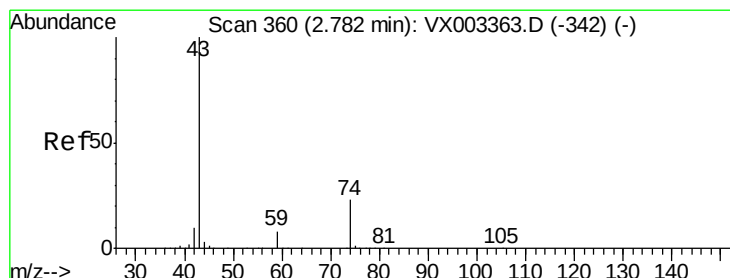
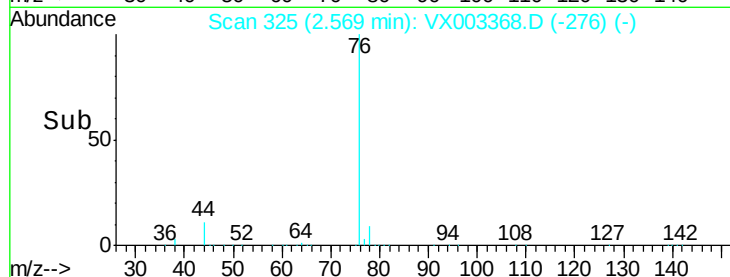
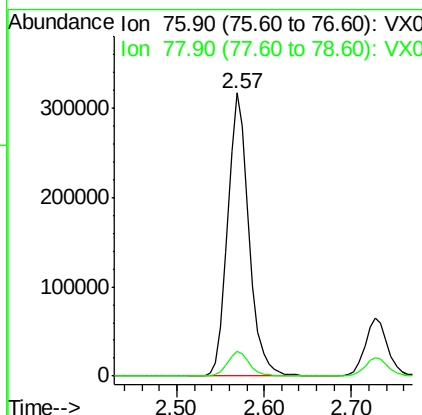
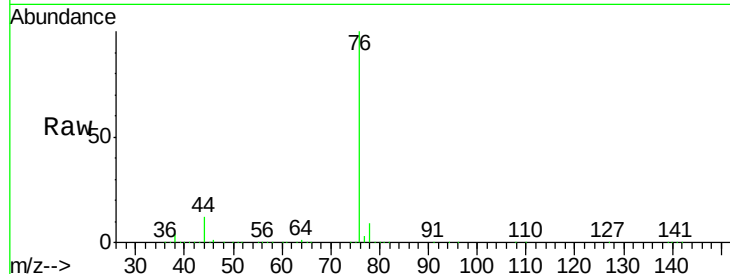




#17
Carbon Disulfide
Concen: 56.24 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

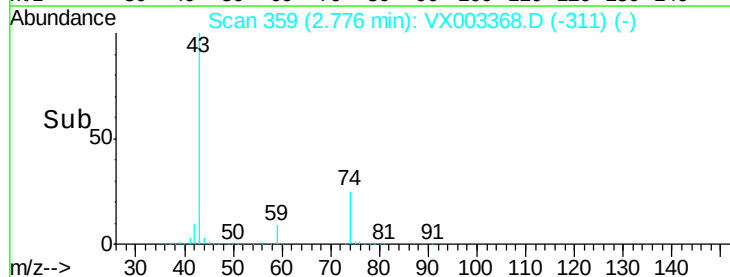
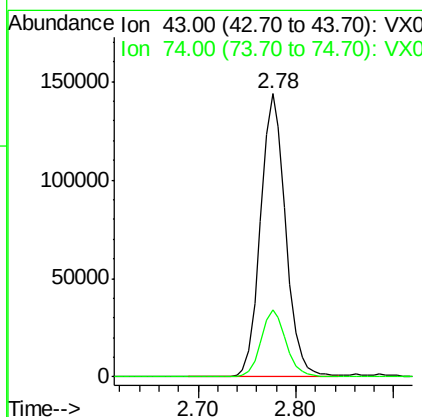
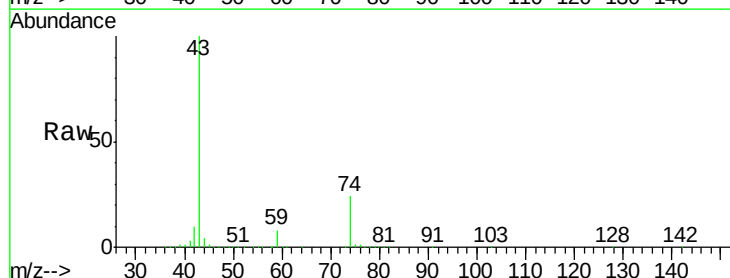
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

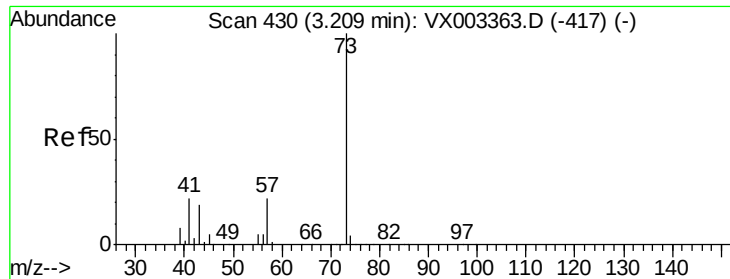
Tot Ion: 76 Resp: 534019
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 42.53 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion: 43 Resp: 258229
Ion Ratio Lower Upper
43 100
74 23.8 16.7 25.1

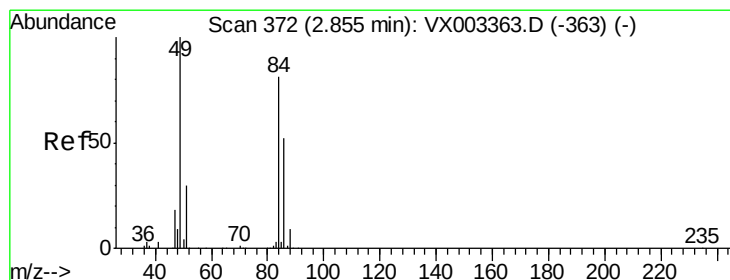
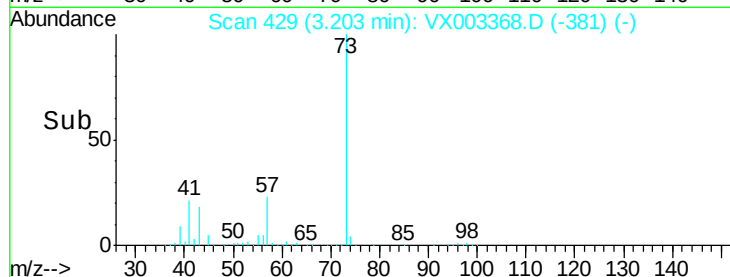
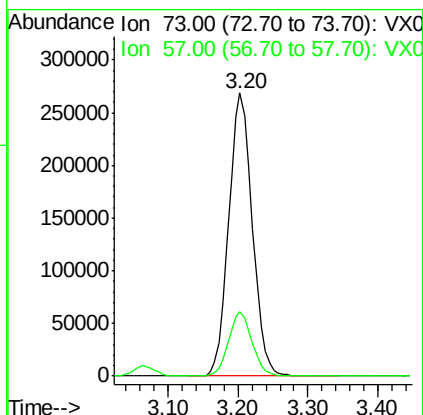
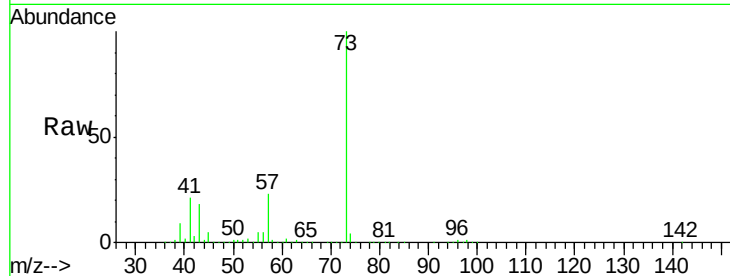




#19
Methyl tert-butyl Ether
Concen: 45.55 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

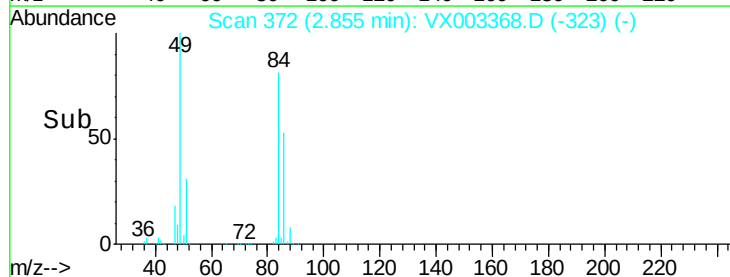
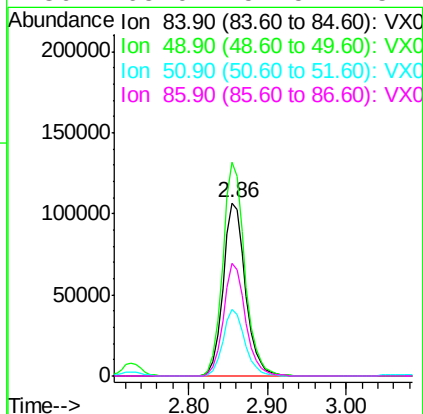
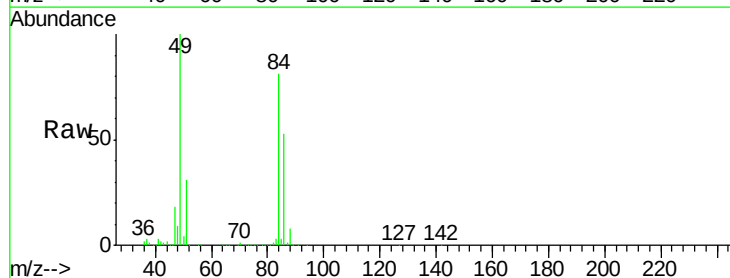
Instrument :
MSVOA_X
ClientSampleId :
ICVX071318

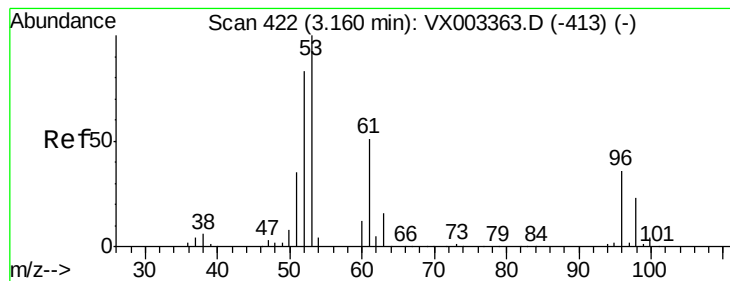
Tot Ion: 73 Resp: 629795
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5



#20
Methylene Chloride
Concen: 50.37 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion: 84 Resp: 209605
Ion Ratio Lower Upper
84 100
49 123.3 107.8 161.6
51 38.0 32.8 49.2
86 65.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.20 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

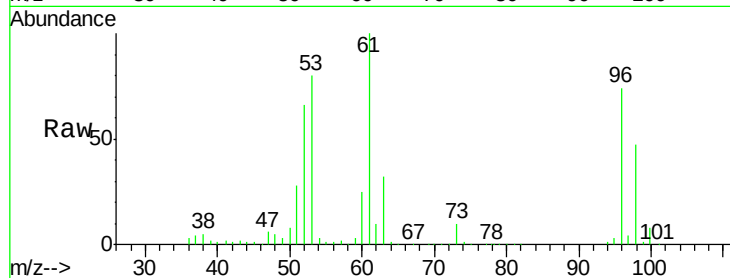
Tot Ion: 96 Resp: 203020

Ion Ratio Lower Upper

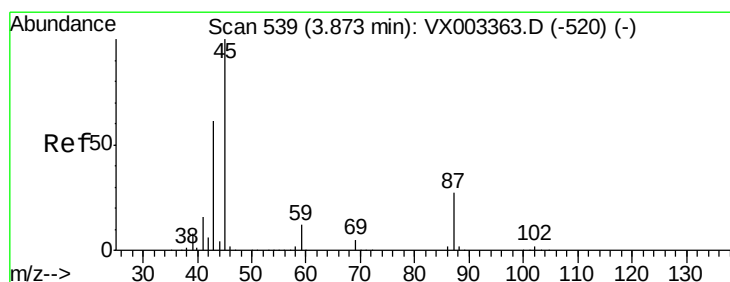
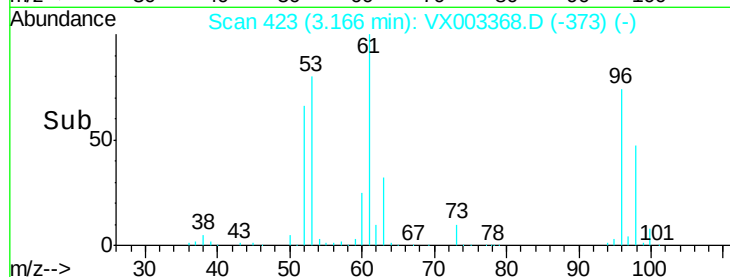
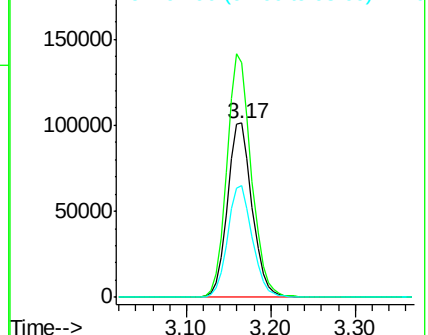
96 100

61 135.1 117.0 175.4

98 64.1 52.4 78.6



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



#22

Diisopropyl ether

Concen: 48.58 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Tgt Ion: 45 Resp: 670736

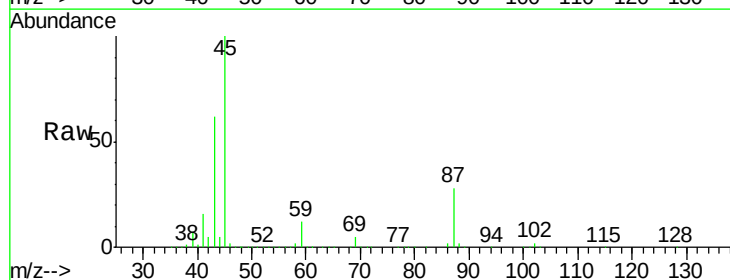
Ion Ratio Lower Upper

45 100

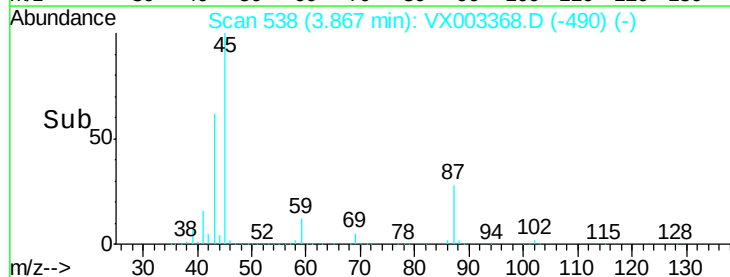
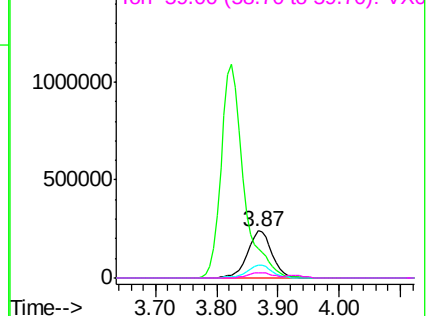
43 62.0 46.8 70.2

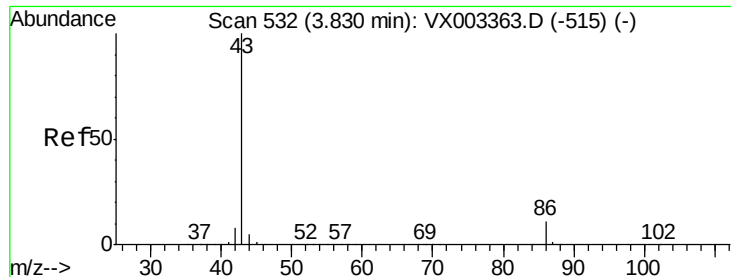
87 27.6 20.2 30.4

59 11.8 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: 249.54 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

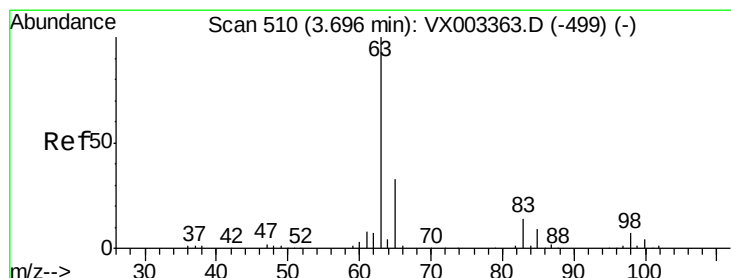
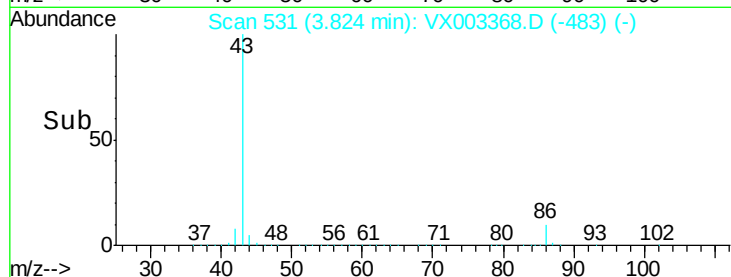
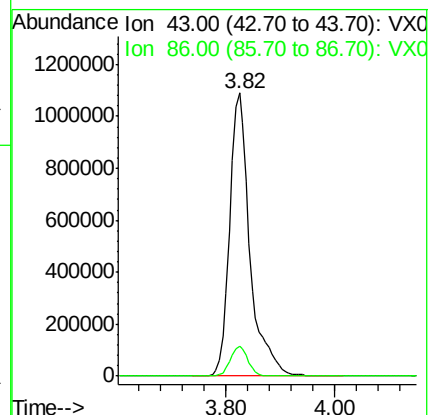
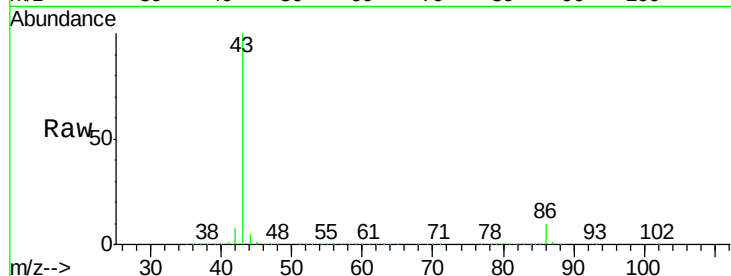
ICVVX071318

Tot Ion: 43 Resp: 2815333

Ion Ratio Lower Upper

43 100

86 10.4 7.4 11.0



#24

1,1-Dichloroethane

Concen: 48.09 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

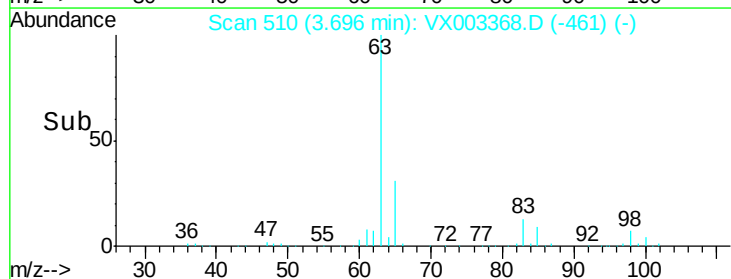
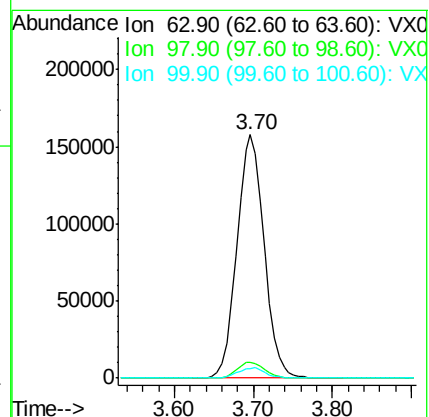
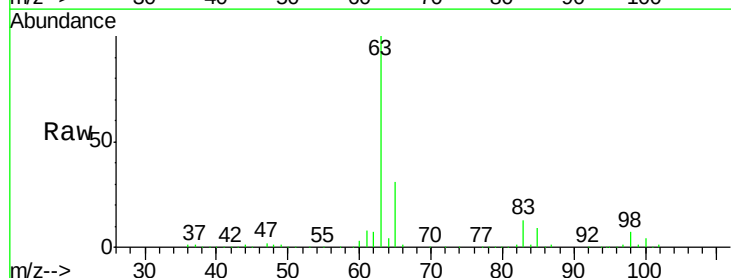
Tgt Ion: 63 Resp: 376473

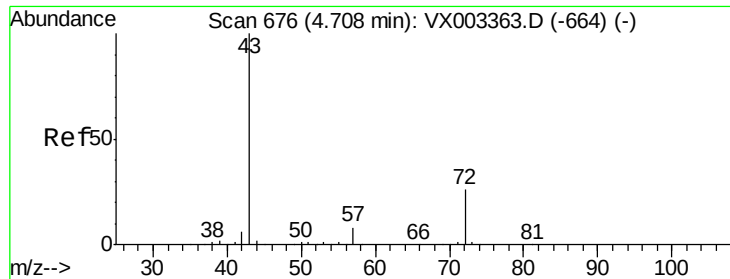
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 220.82 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampled :

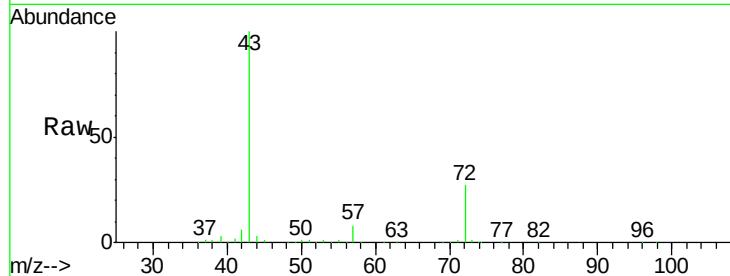
ICVVX071318

Tot Ion: 43 Resp: 669220

Ion Ratio Lower Upper

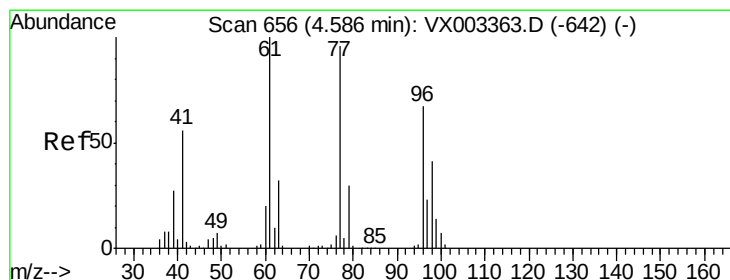
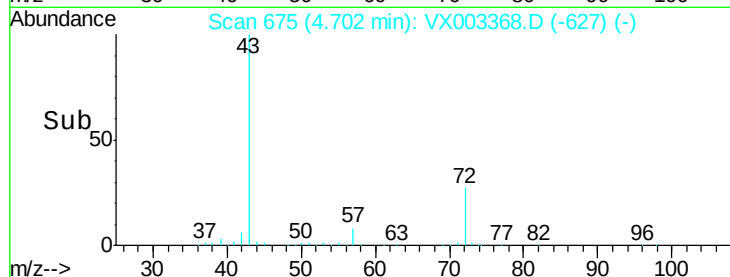
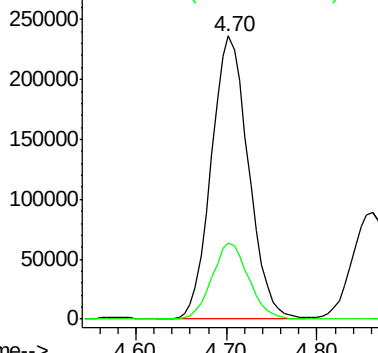
43 100

72 27.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.40 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003368.D

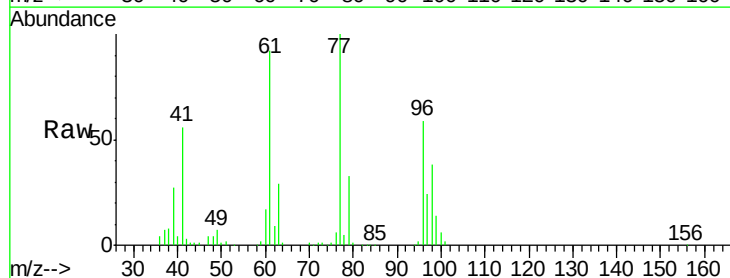
Acq: 13 Jul 2018 17:17

Tgt Ion: 77 Resp: 284797

Ion Ratio Lower Upper

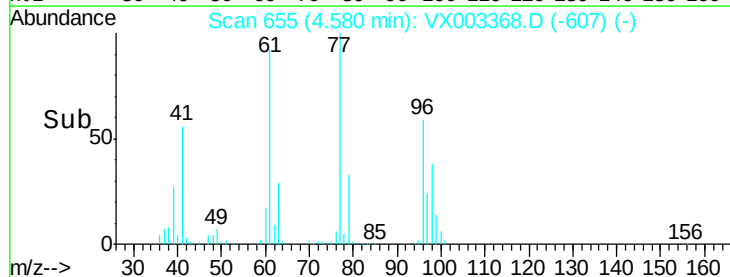
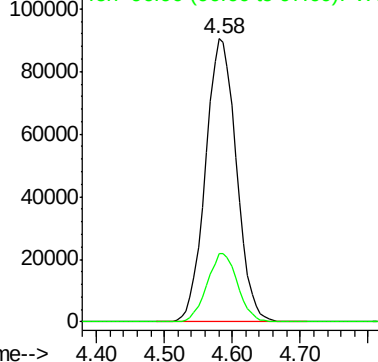
77 100

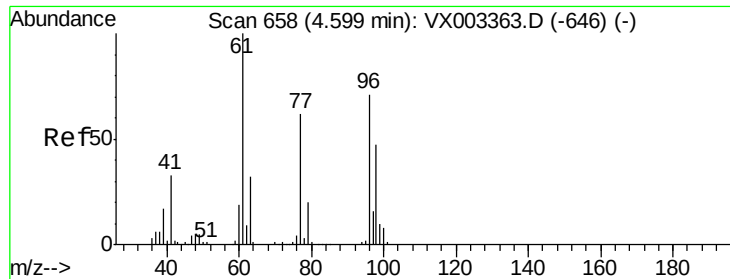
97 24.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.62 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

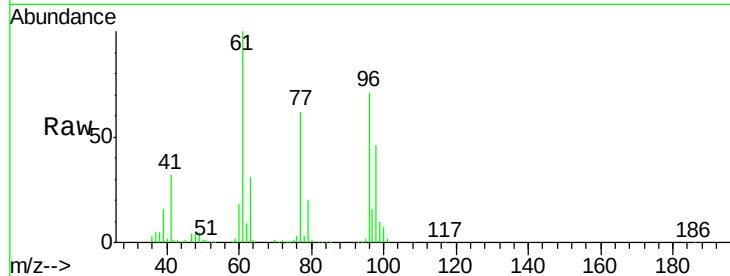
Tot Ion: 96 Resp: 220556

Ion Ratio Lower Upper

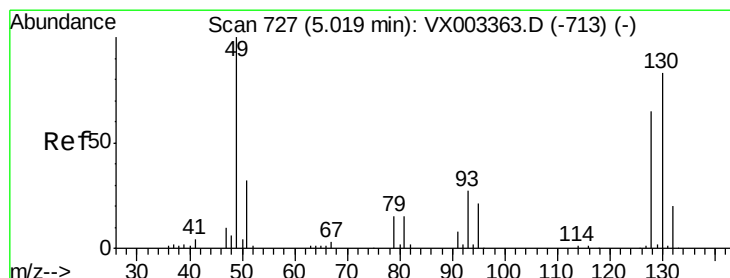
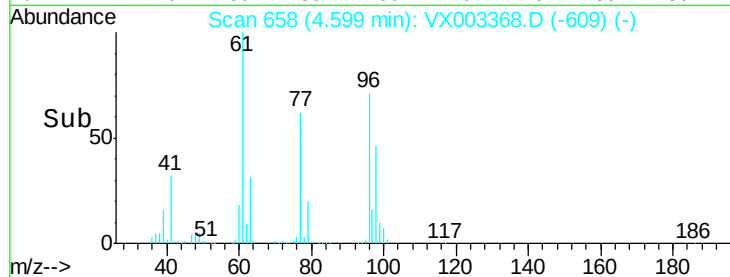
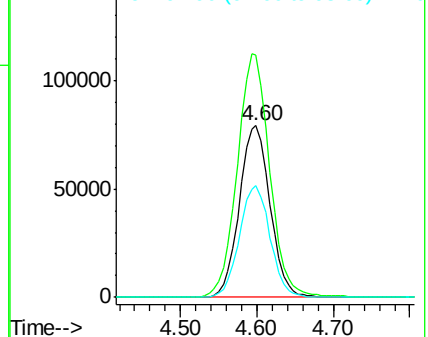
96 100

61 149.9 0.0 330.2

98 65.1 0.0 130.2



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



#28

Bromochloromethane

Concen: 45.88 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

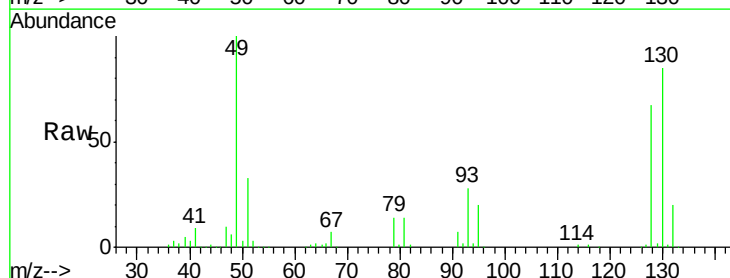
Tgt Ion: 49 Resp: 163632

Ion Ratio Lower Upper

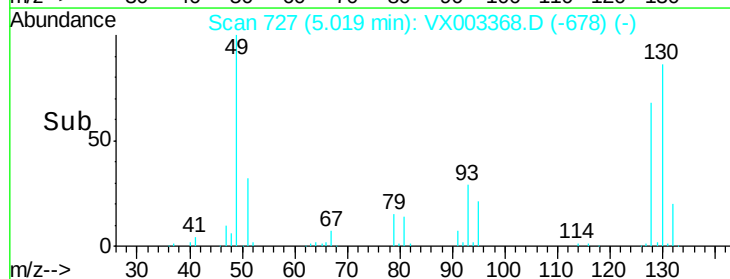
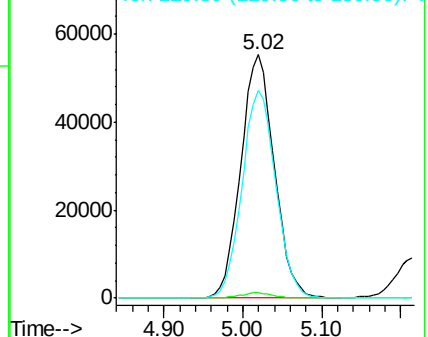
49 100

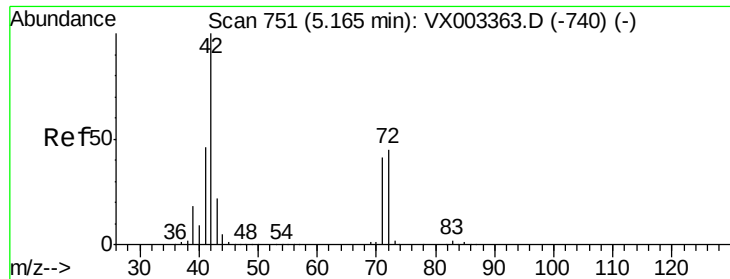
129 2.1 0.0 4.2

130 85.9 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 228.36 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

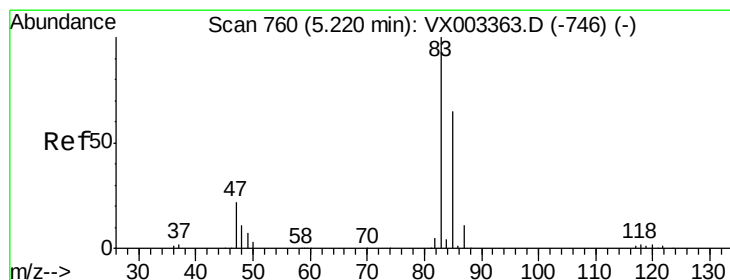
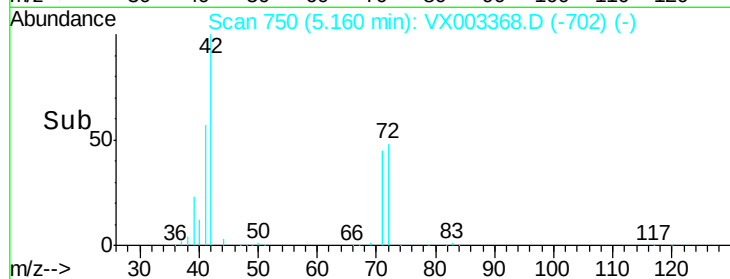
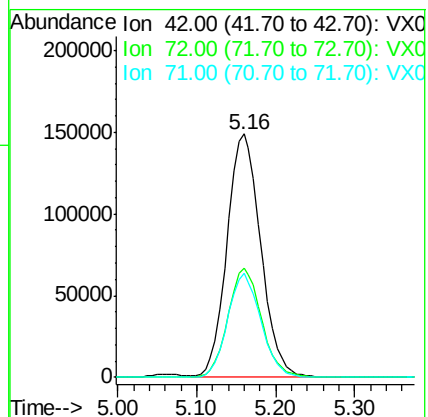
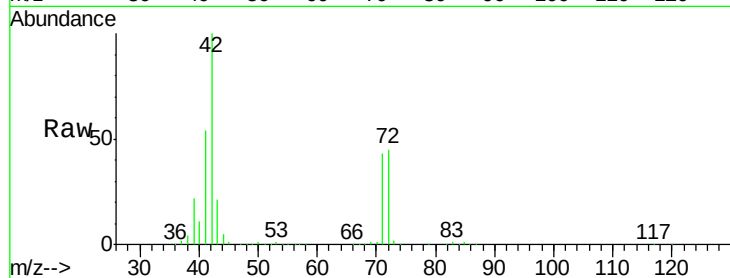
Tot Ion: 42 Resp: 442109

Ion Ratio Lower Upper

42 100

72 44.9 32.0 48.0

71 42.1 30.1 45.1



#30

Chloroform

Concen: 47.21 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003368.D

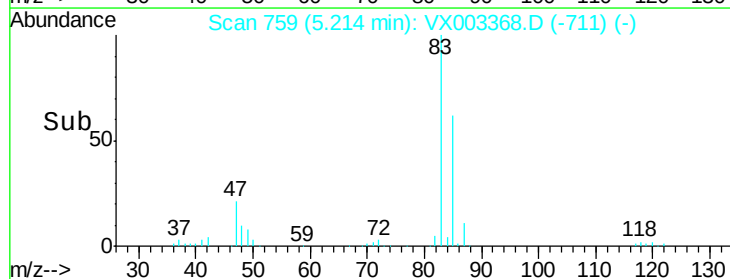
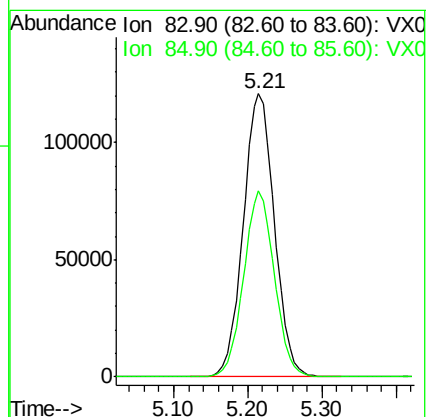
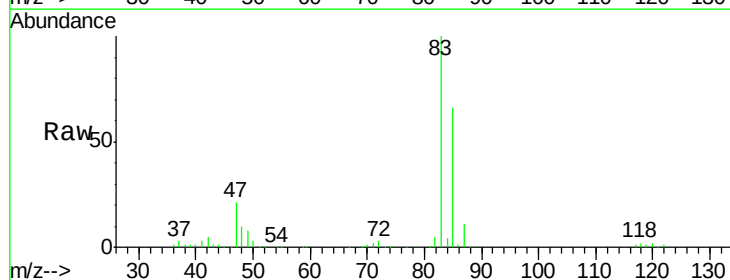
Acq: 13 Jul 2018 17:17

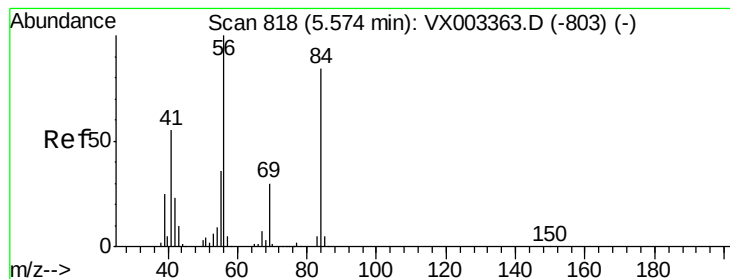
Tgt Ion: 83 Resp: 354230

Ion Ratio Lower Upper

83 100

85 65.6 50.4 75.6





#31

Cyclohexane

Concen: 54.79 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVX071318

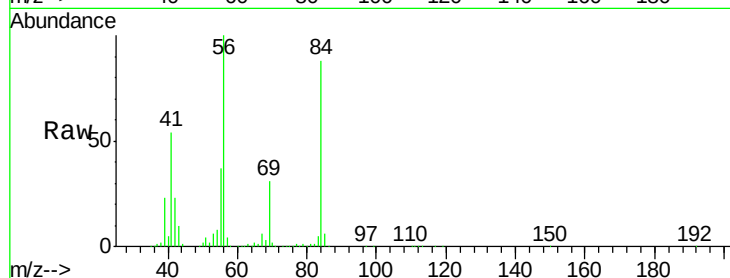
Tot Ion: 56 Resp: 328229

Ion Ratio Lower Upper

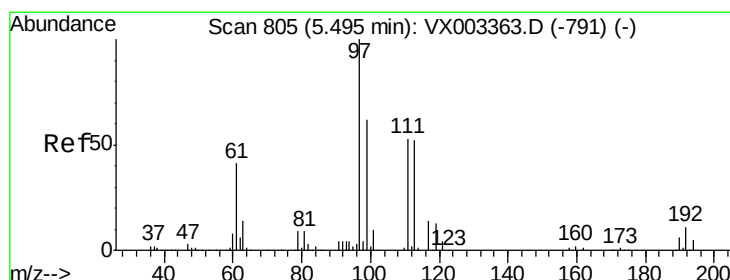
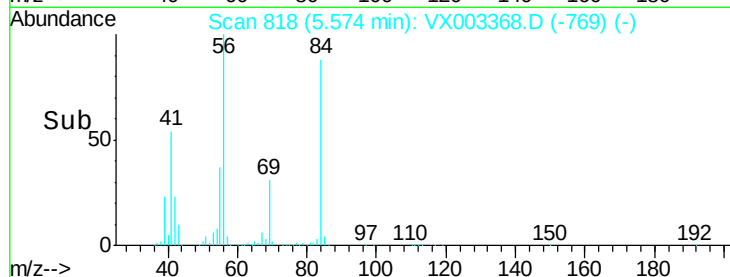
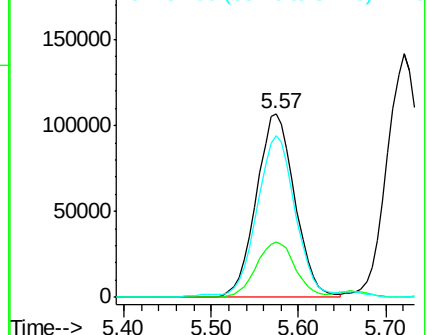
56 100

69 30.6 23.7 35.5

84 87.2 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: 48.94 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

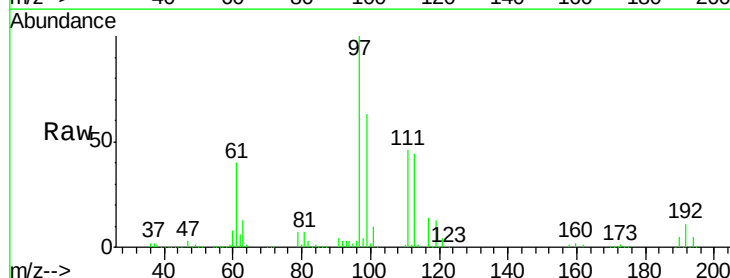
Tgt Ion: 97 Resp: 305906

Ion Ratio Lower Upper

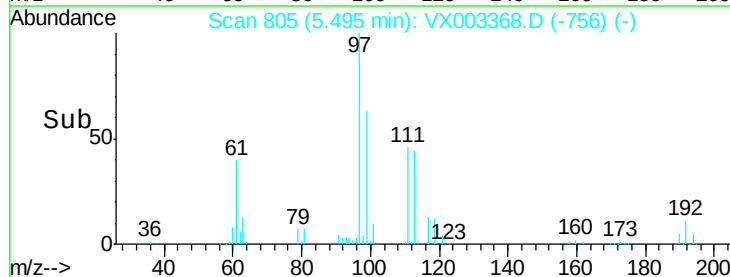
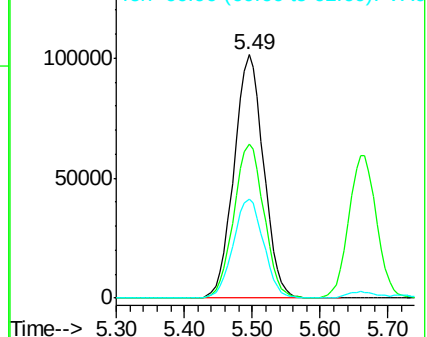
97 100

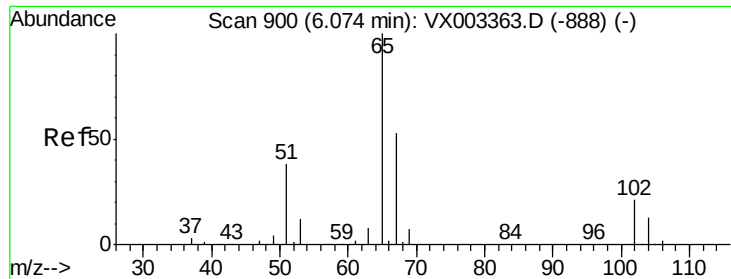
99 64.6 51.6 77.4

61 41.9 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: 39.73 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

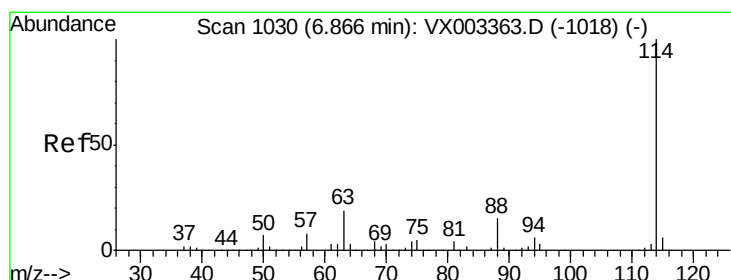
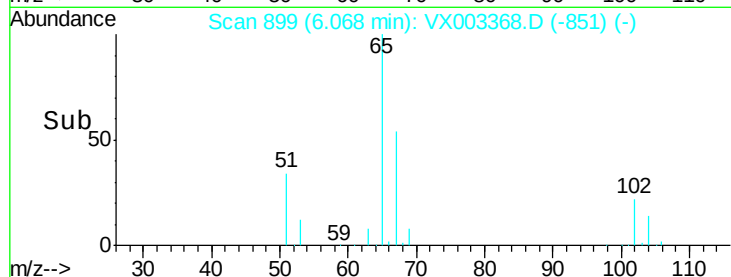
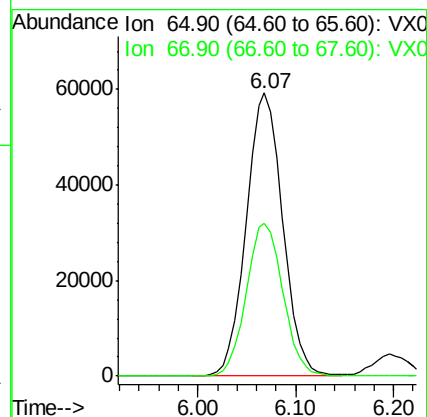
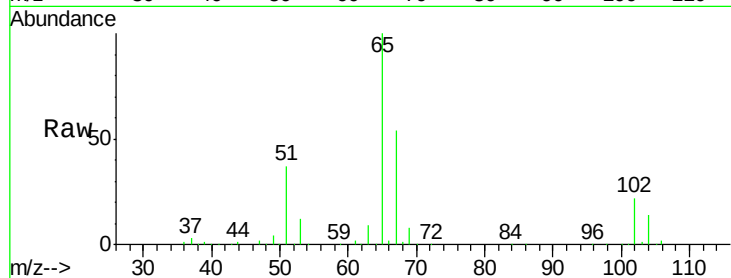
ICVVX071318

Tot Ion: 65 Resp: 153701

Ion Ratio Lower Upper

65 100

67 54.5 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

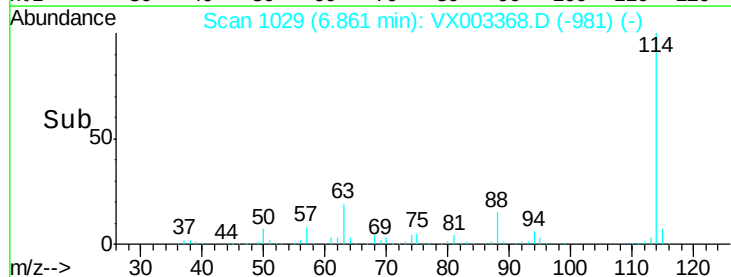
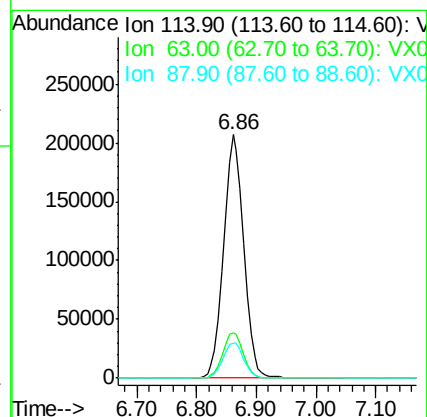
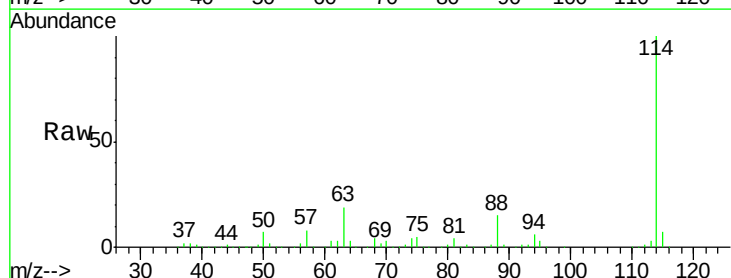
Tgt Ion: 114 Resp: 485875

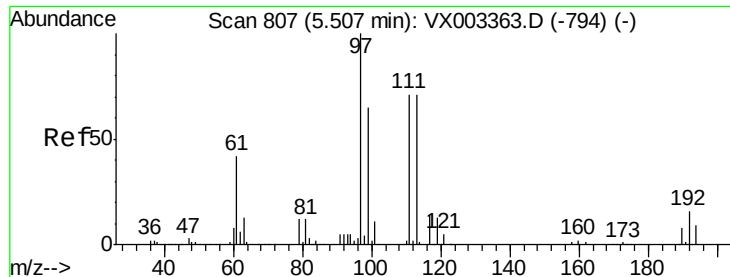
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.4

88 14.6 0.0 30.0

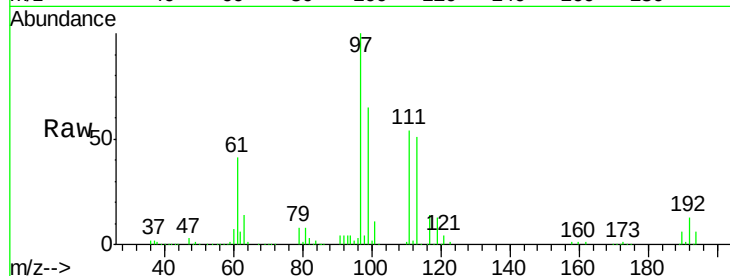




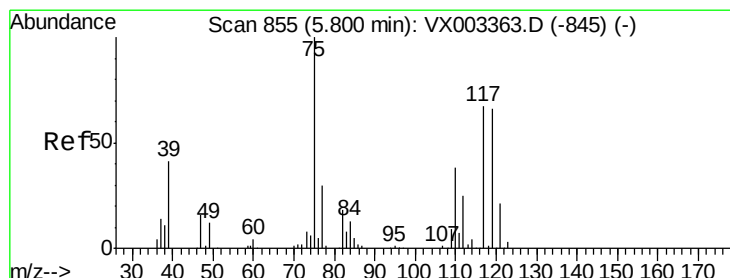
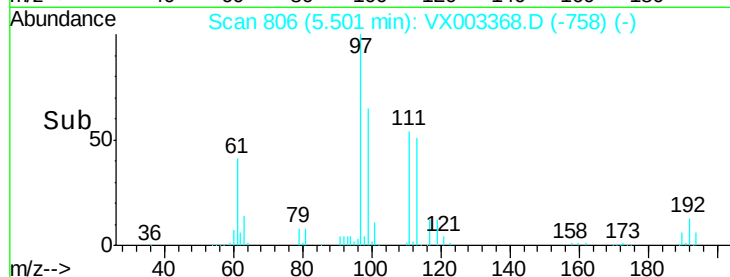
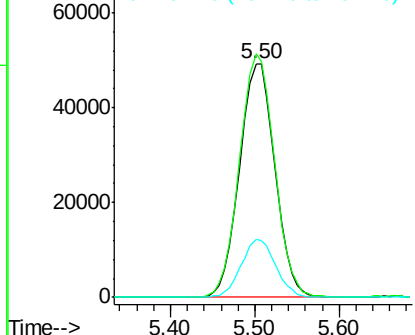
#35
 Dibromofluoromethane
 Concen: 39.29 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071318

Tot Ion:113 Resp: 140488
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.0
 192 24.2 19.1 28.7

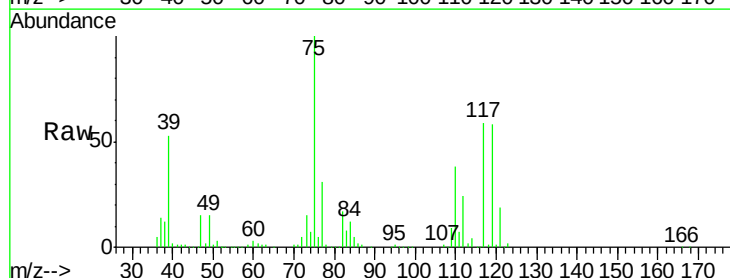


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

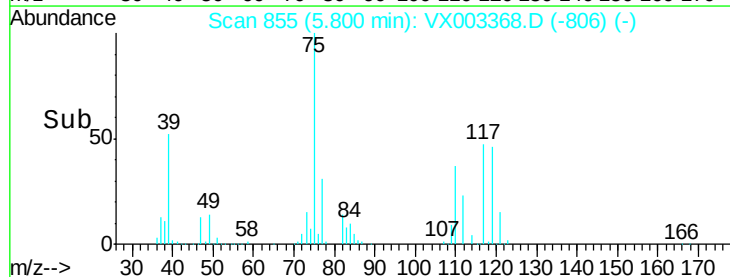
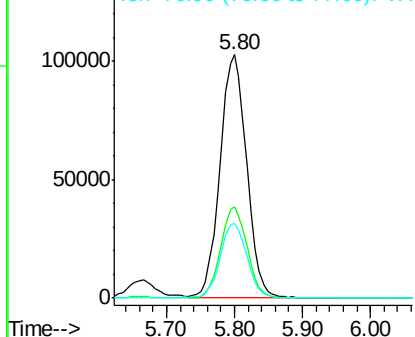


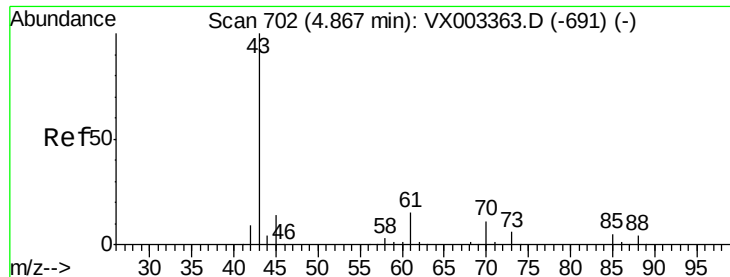
#36
 1,1-Dichloropropene
 Concen: 53.80 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

Tgt Ion: 75 Resp: 277696
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.1 54.4
 77 31.5 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

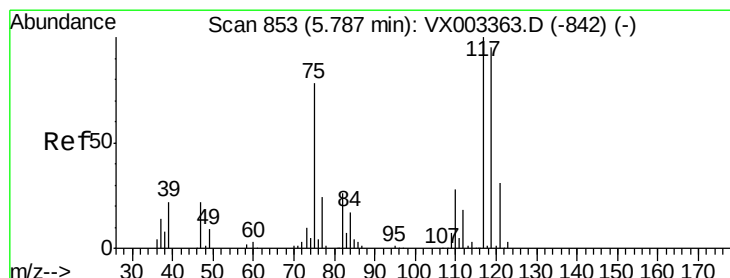
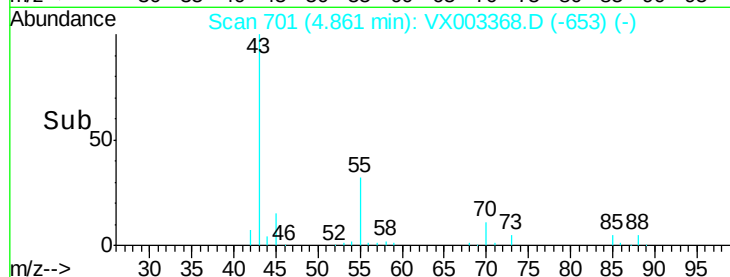
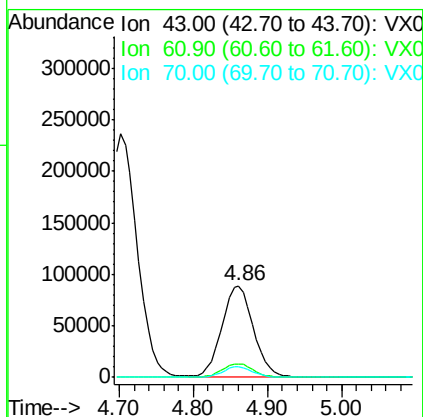
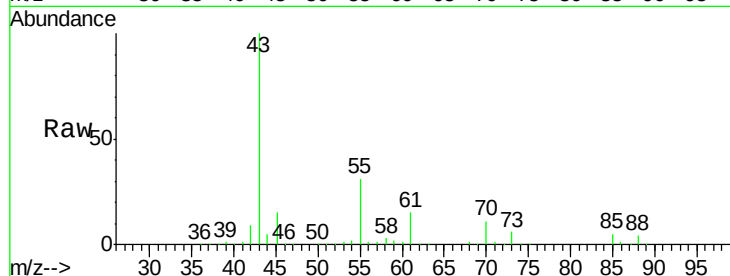




#37
Ethyl Acetate
Concen: 46.35 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

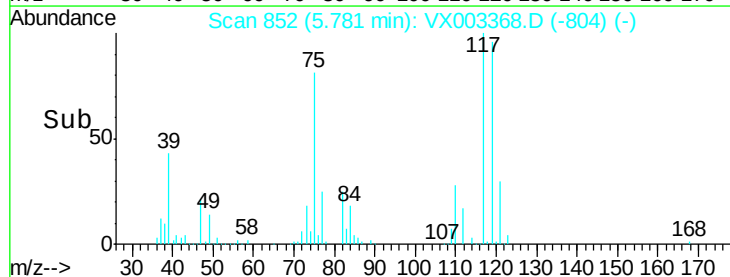
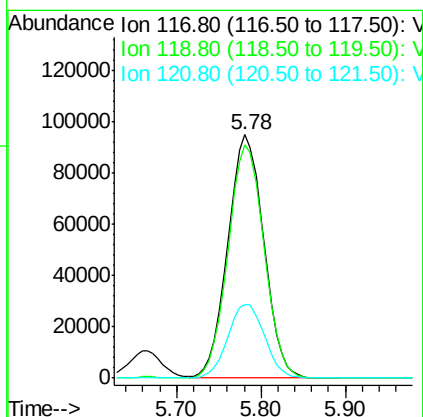
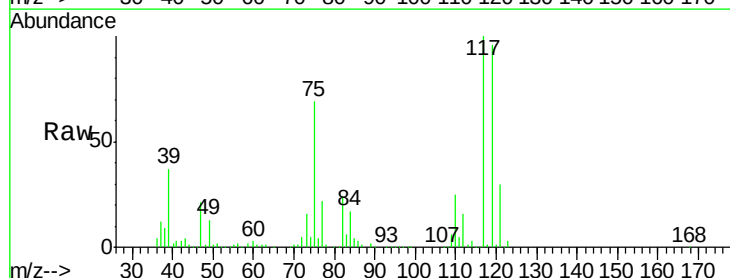
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

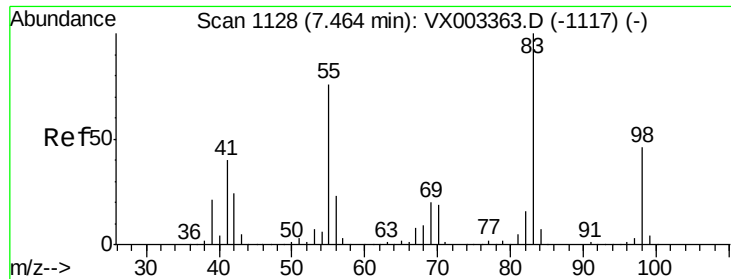
Tot Ion: 43 Resp: 262203
Ion Ratio Lower Upper
43 100
61 14.8 10.4 15.6
70 11.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 52.19 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion: 117 Resp: 274600
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0
121 30.3 24.4 36.6

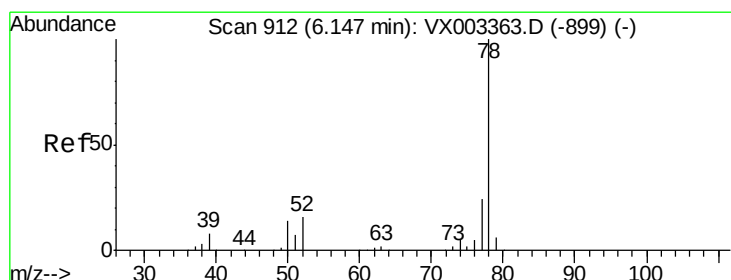
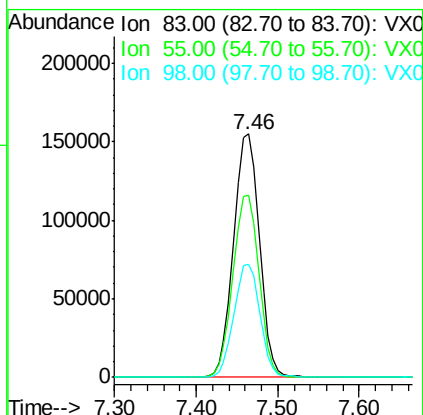
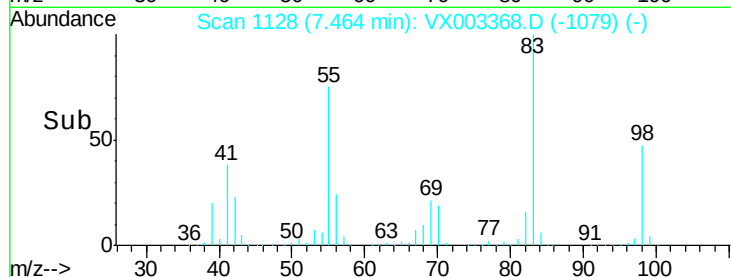
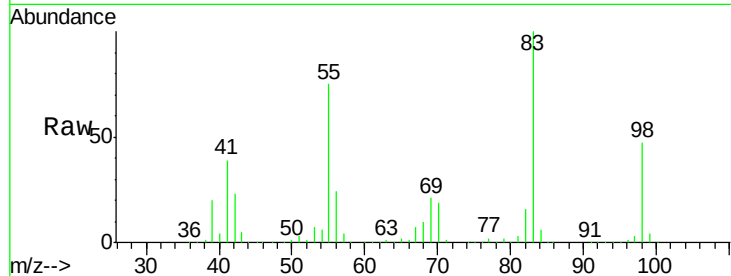




#39
Methylvlcyclohexane
Concen: 58.11 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

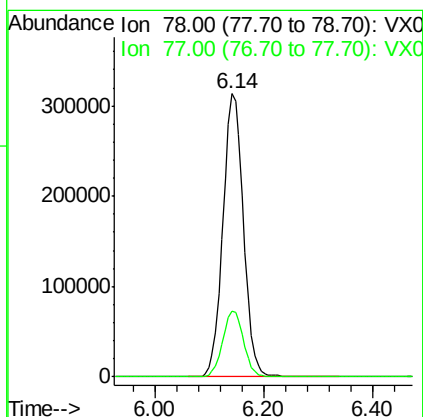
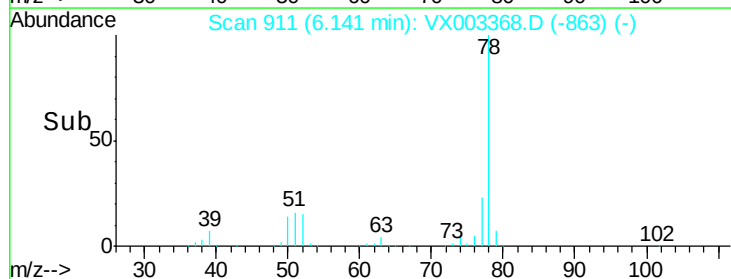
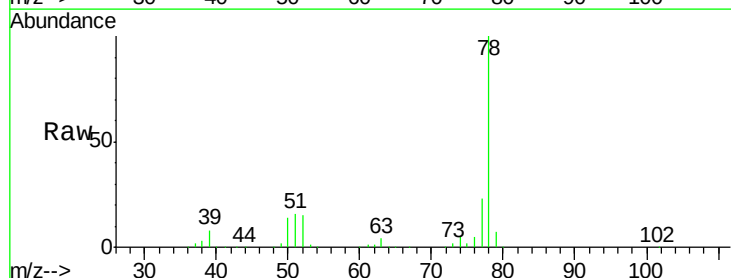
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

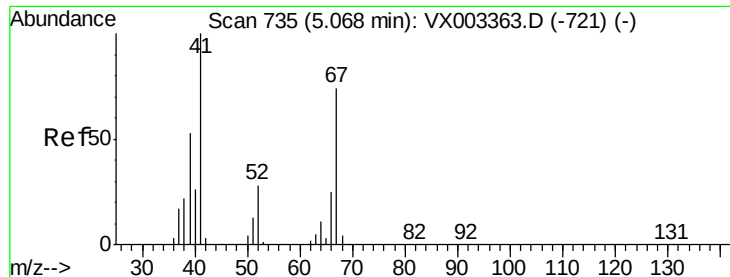
Tot Ion: 83 Resp: 339576
Ion Ratio Lower Upper
83 100
55 75.0 65.4 98.0
98 46.7 37.4 56.0



#40
Benzene
Concen: 50.94 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion: 78 Resp: 823504
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

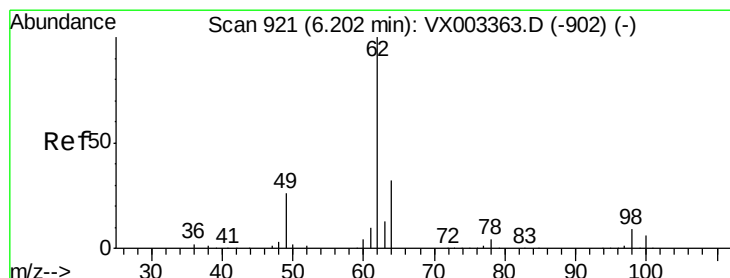
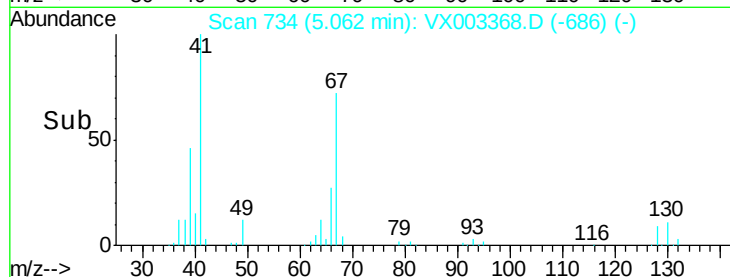
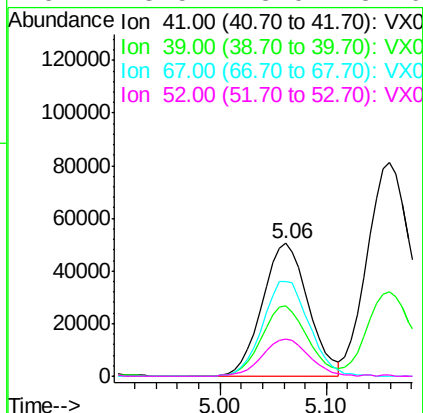
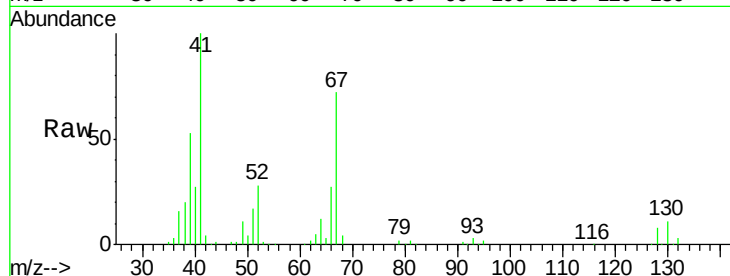




#41
Methacrylonitrile
Concen: 46.54 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

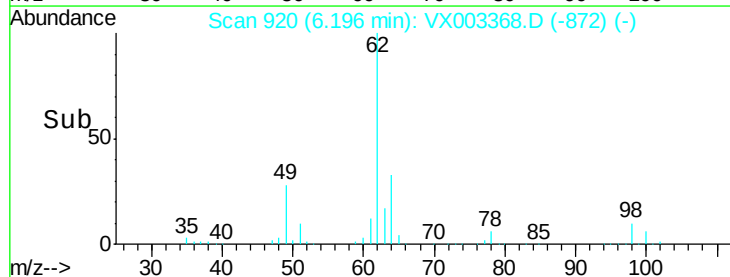
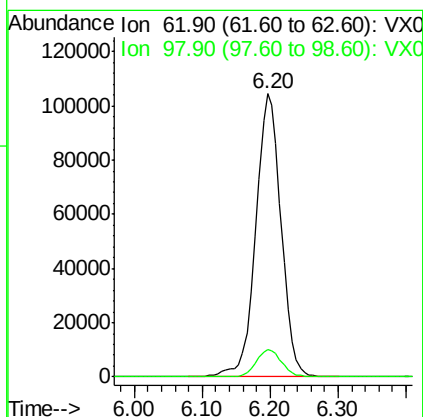
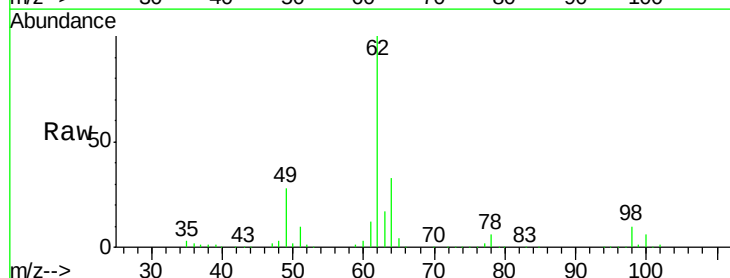
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

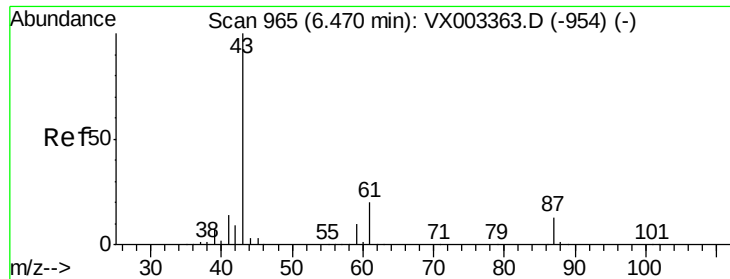
Tot Ion: 41 Resp: 150816
Ion Ratio Lower Upper
41 100
39 52.7 45.8 68.6
67 73.2 51.3 76.9
52 28.5 23.0 34.6



#42
1,2-Dichloroethane
Concen: 48.12 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion: 62 Resp: 271762
Ion Ratio Lower Upper
62 100
98 9.7 0.0 16.6





#43

Isopropyl Acetate

Concen: 48.51 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

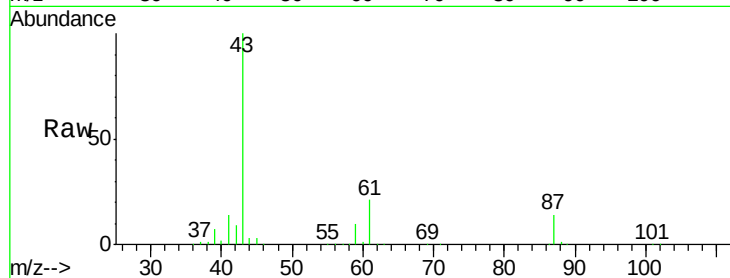
Tot Ion: 43 Resp: 430009

Ion Ratio Lower Upper

43 100

61 20.8 14.4 21.6

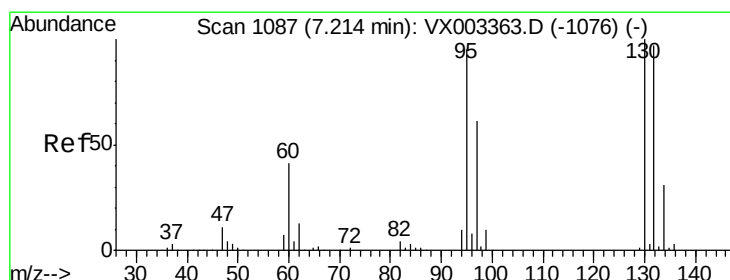
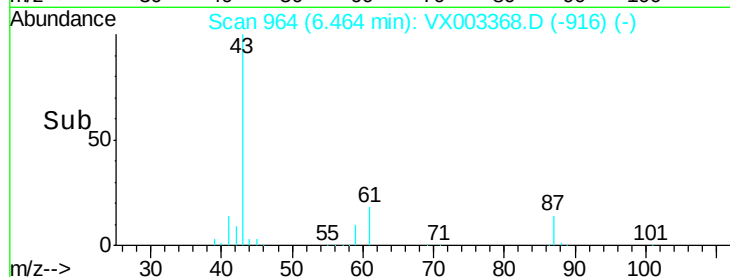
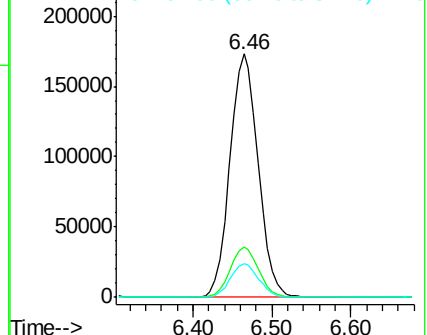
87 13.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.68 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003368.D

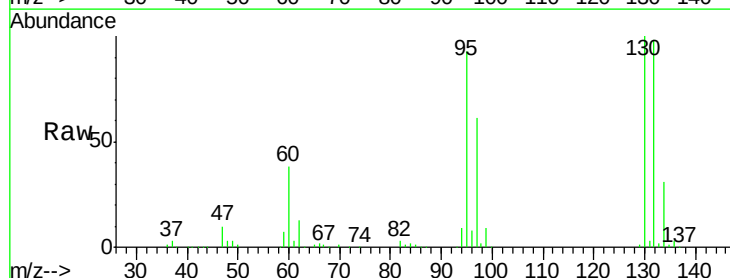
Acq: 13 Jul 2018 17:17

Tgt Ion:130 Resp: 236738

Ion Ratio Lower Upper

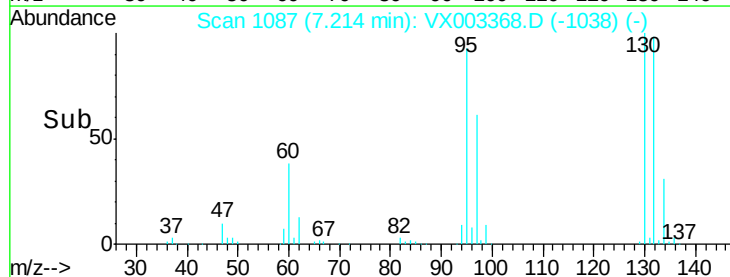
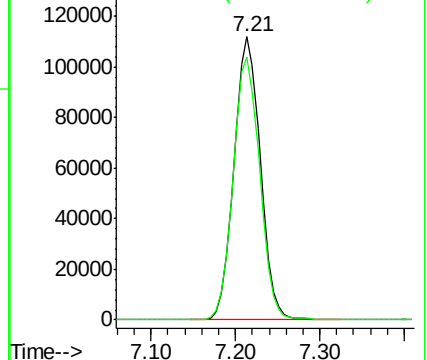
130 100

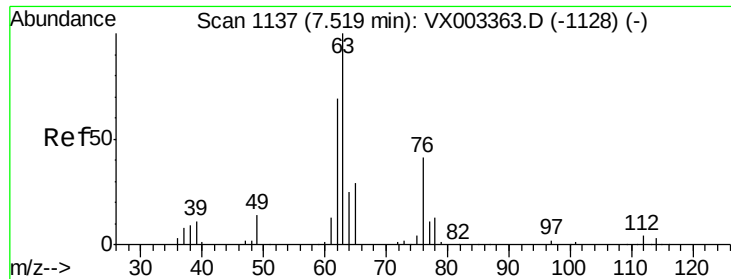
95 93.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

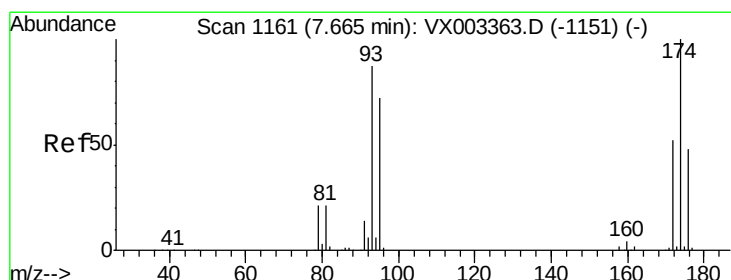
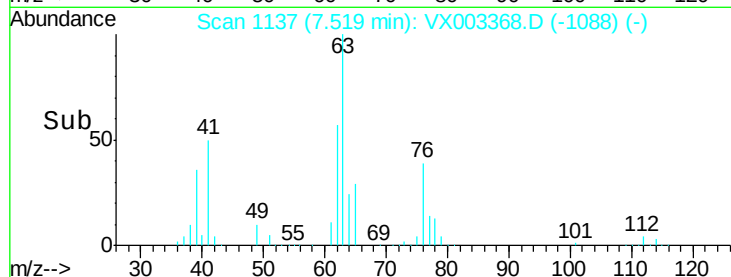
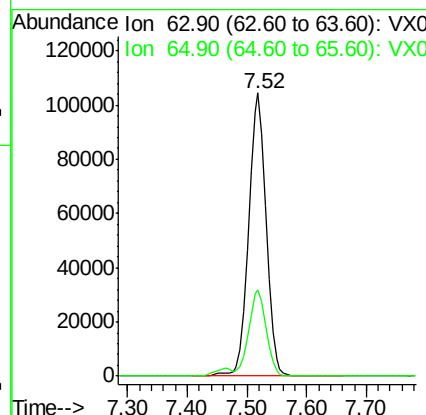
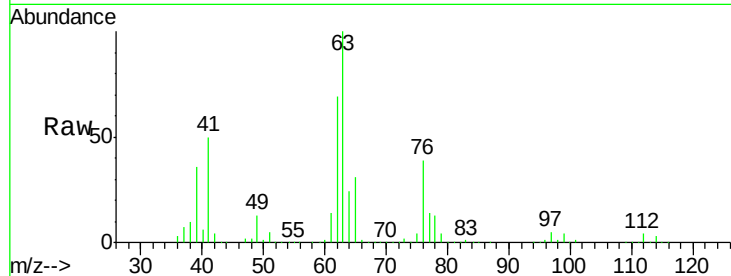




#45
 1,2-Dichloropropane
 Concen: 49.93 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

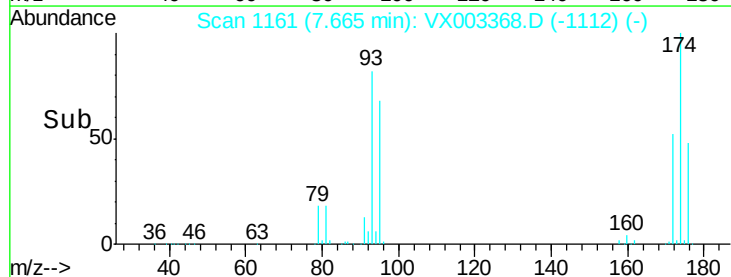
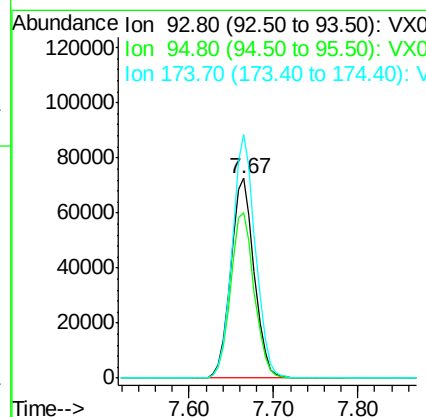
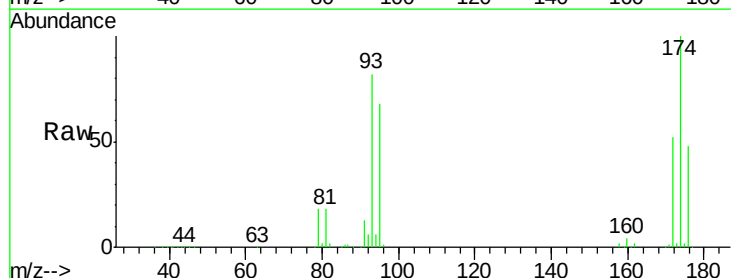
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071318

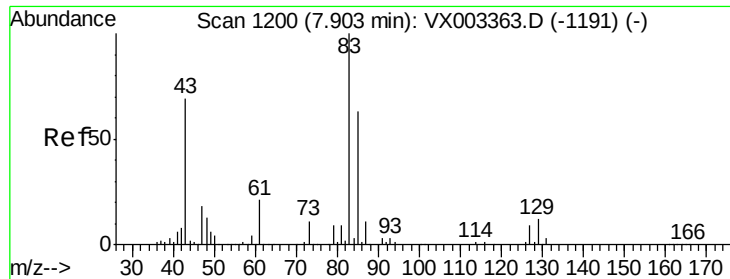
Tot Ion: 63 Resp: 214104
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 49.88 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

Tgt Ion: 93 Resp: 137536
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.9 98.9
 174 120.0 92.4 138.6





#47

Bromodichloromethane

Concen: 50.13 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

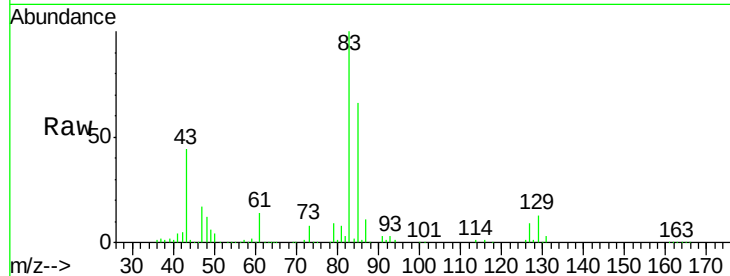
Tot Ion: 83 Resp: 260622

Ion Ratio Lower Upper

83 100

85 65.6 50.3 75.5

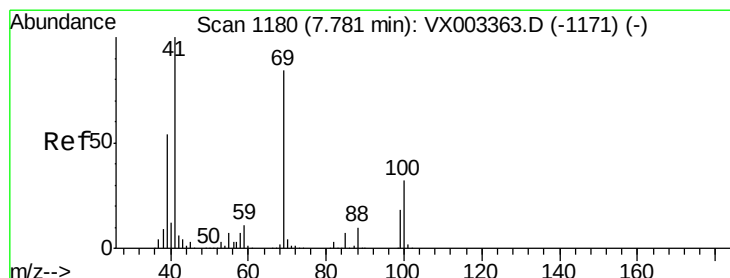
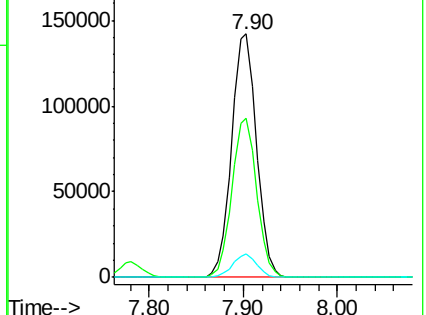
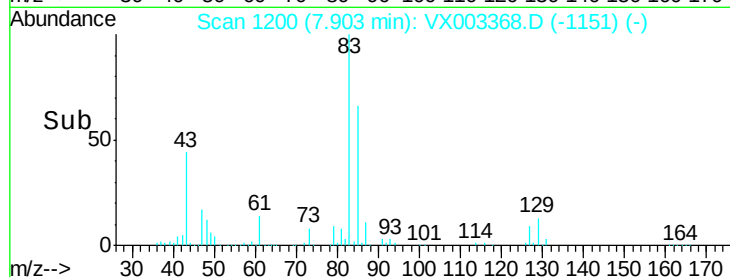
127 9.5 7.0 10.4



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: 49.40 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

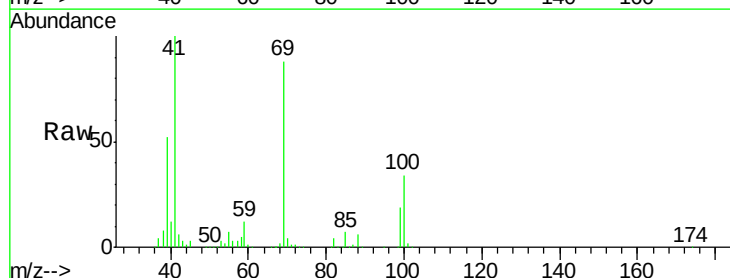
Tgt Ion: 41 Resp: 223483

Ion Ratio Lower Upper

41 100

69 86.6 59.1 88.7

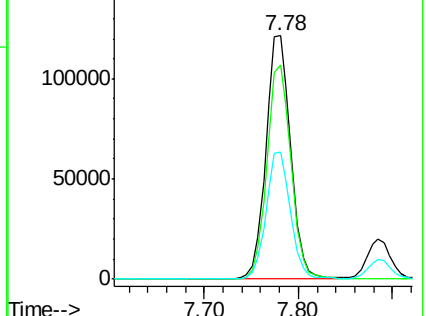
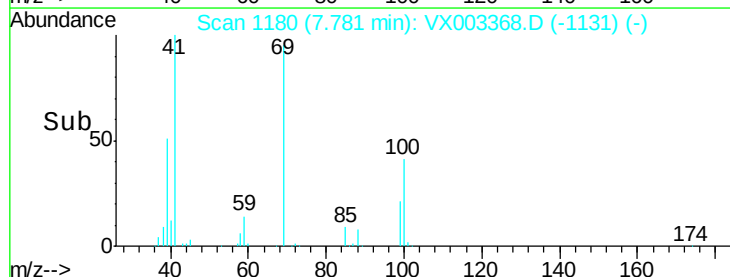
39 51.3 48.9 73.3

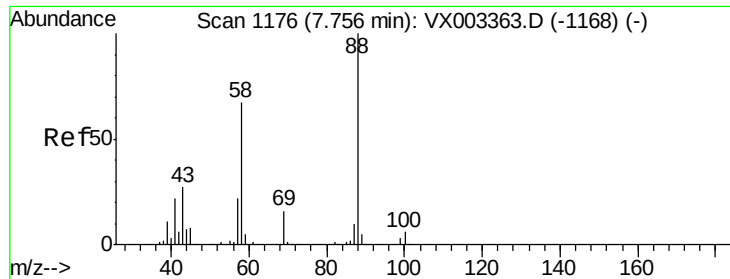


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

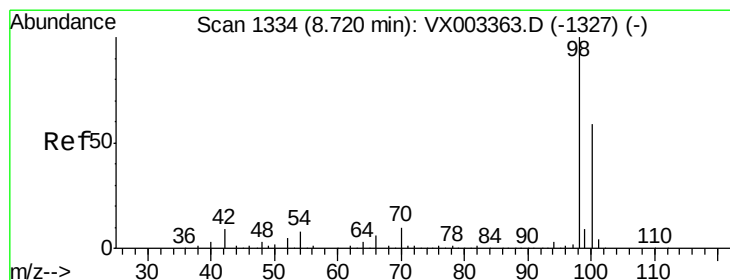
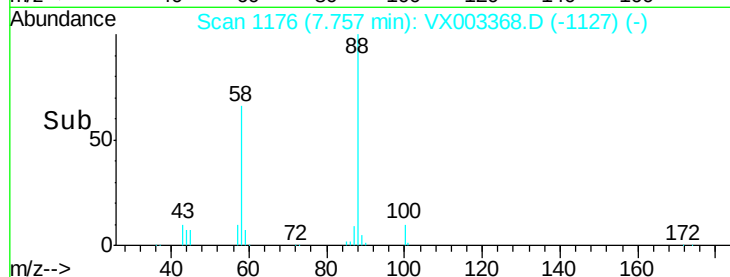
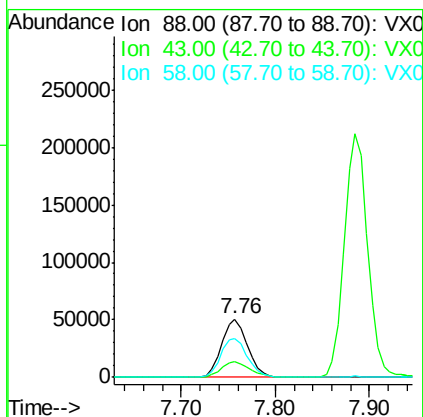
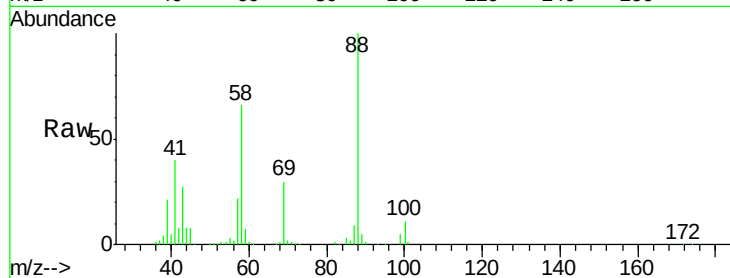




#49
1,4-Dioxane
Concen: 977.74 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

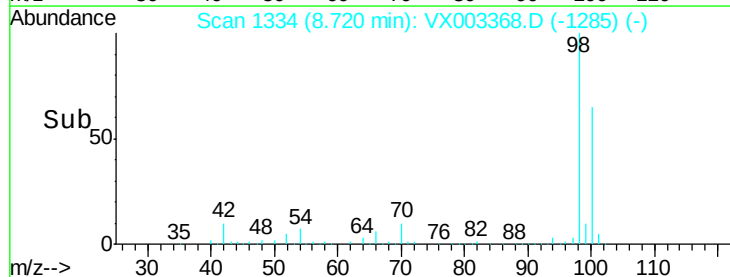
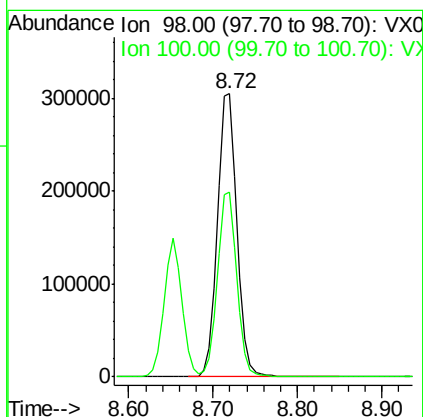
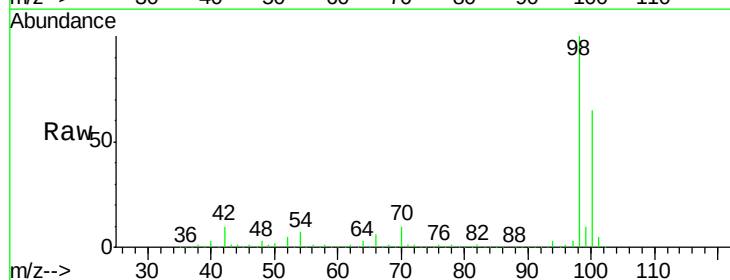
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

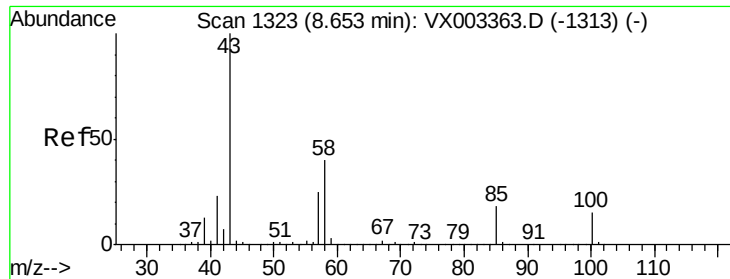
Tot Ion	Ratio	Lower	Upper
88	100		
43	30.1	29.8	44.6
58	69.8	57.1	85.7



#50
Toluene-d8
Concen: 41.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 237.14 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

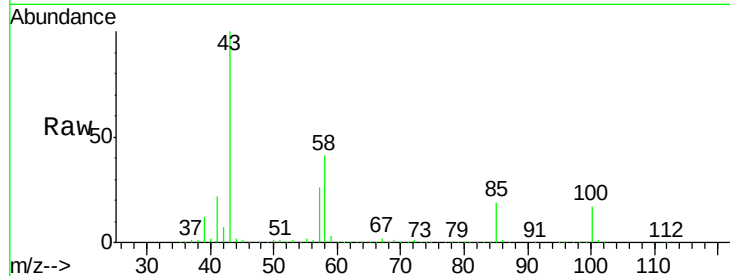
ICVX071318

Tot Ion: 43 Resp: 1374056

Ion Ratio Lower Upper

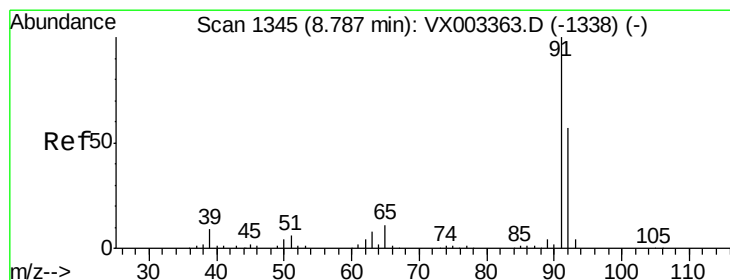
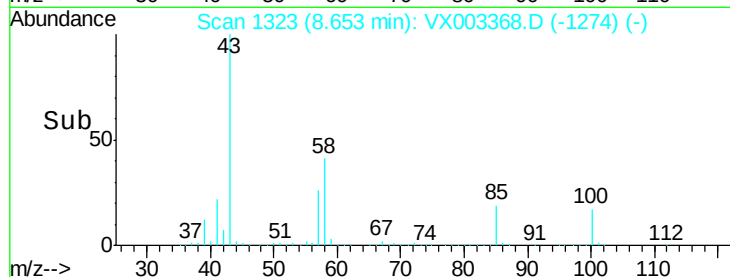
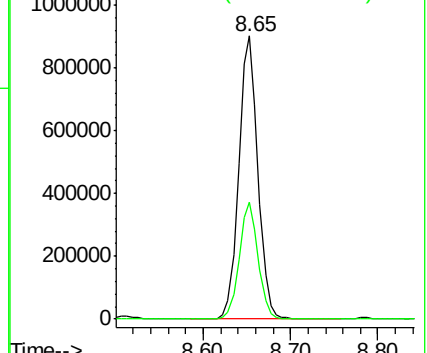
43 100

58 40.4 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: 51.98 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003368.D

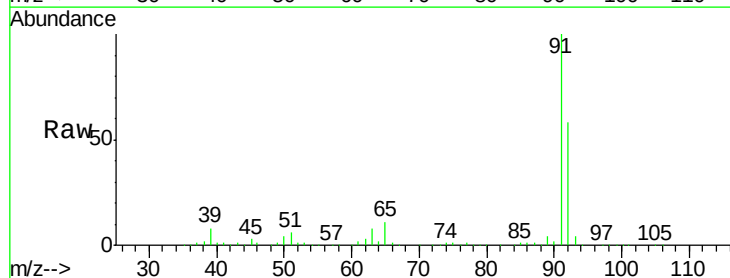
Acq: 13 Jul 2018 17:17

Tgt Ion: 92 Resp: 532511

Ion Ratio Lower Upper

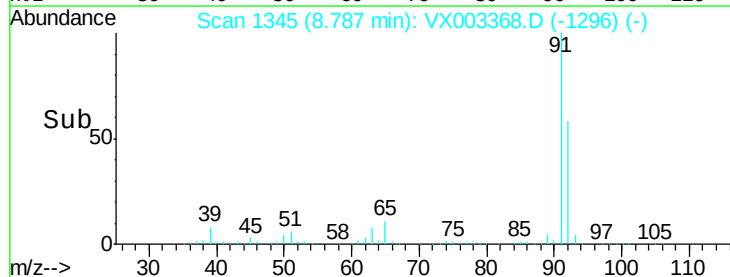
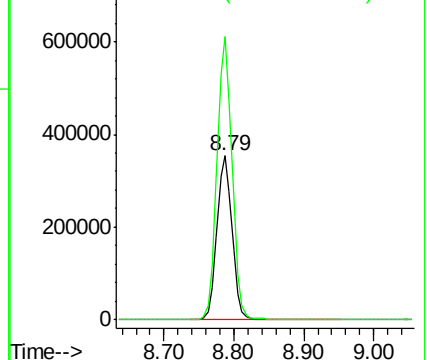
92 100

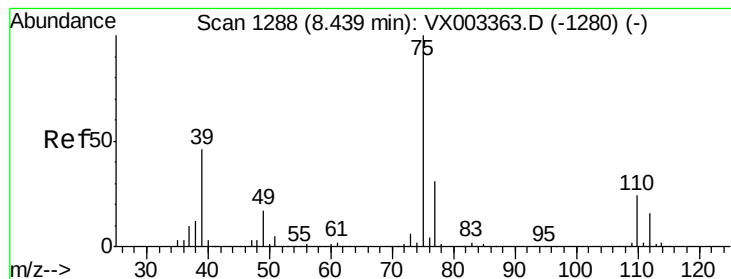
91 172.3 140.4 210.6



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: 54.11 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

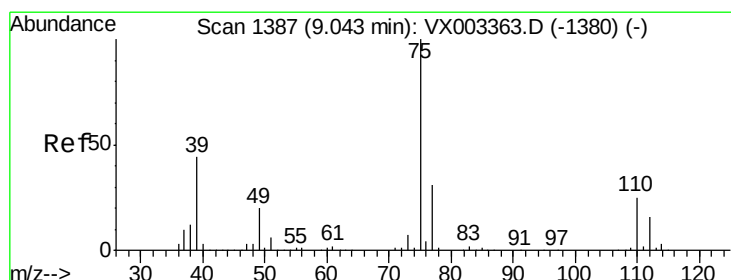
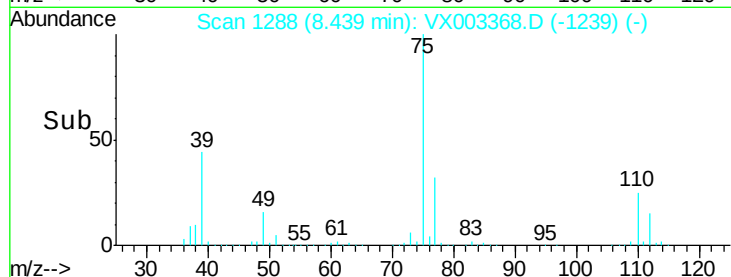
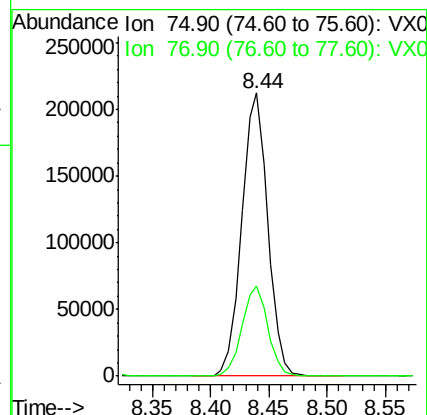
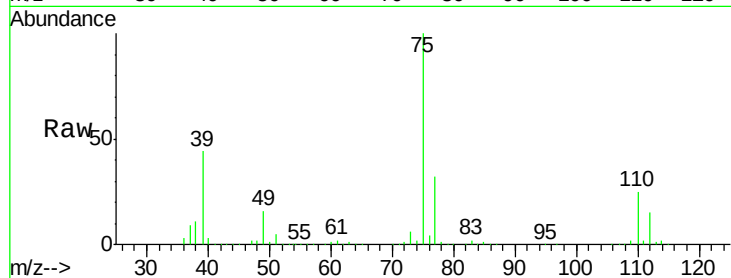
ICVVX071318

Tot Ion: 75 Resp: 330394

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.95 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

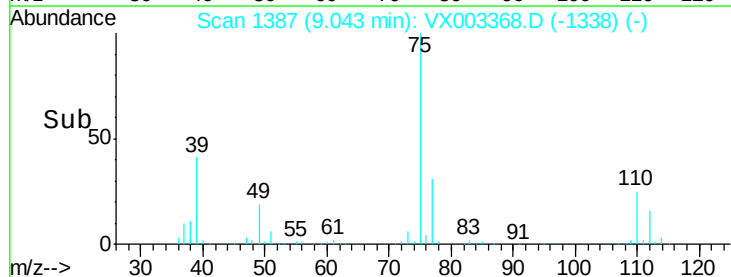
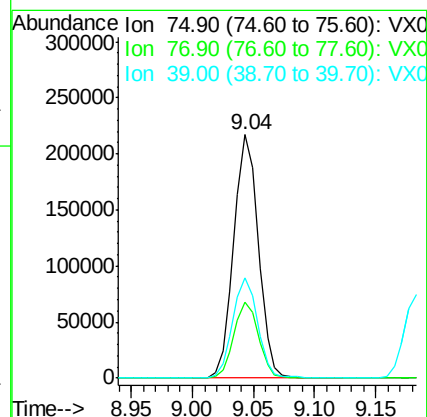
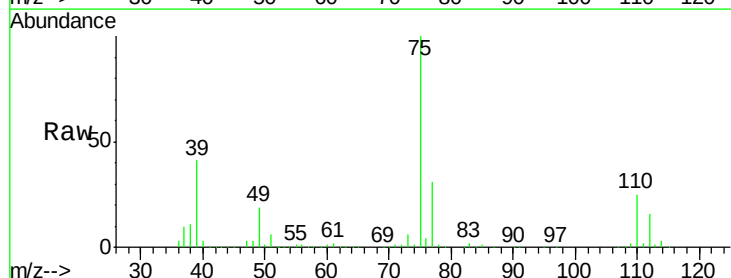
Tgt Ion: 75 Resp: 300922

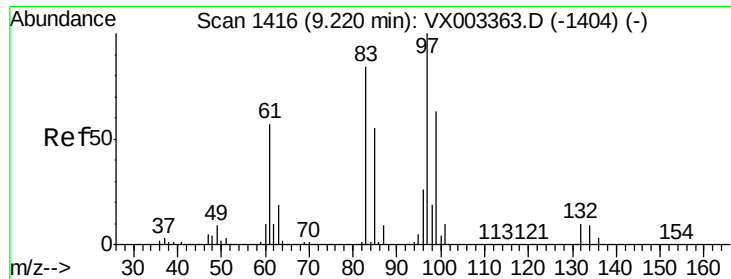
Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

39 41.3 42.4 63.6#

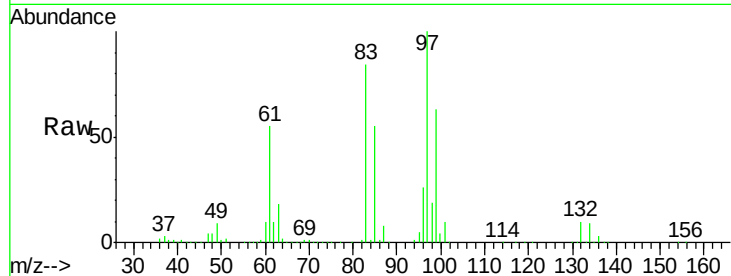




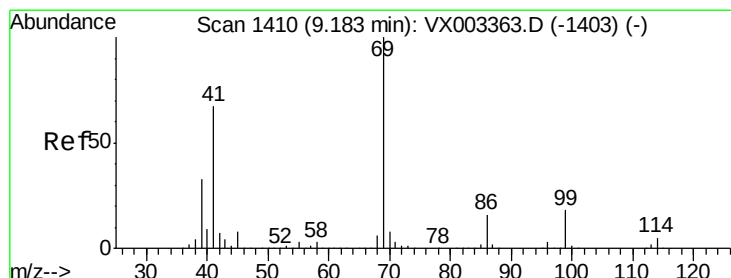
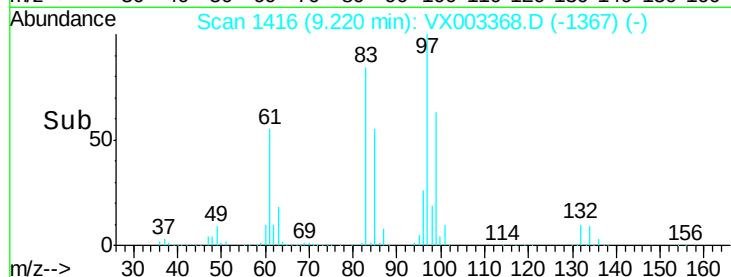
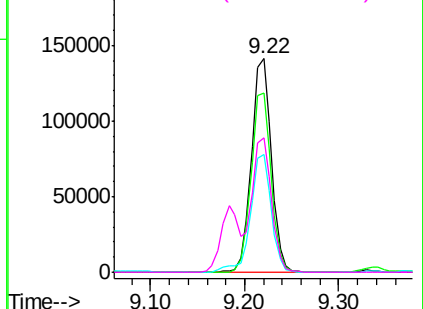
#55
 1,1,2-Trichloroethane
 Concen: 49.43 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071318

Tot Ion: 97 Resp: 211341
 Ion Ratio Lower Upper
 97 100
 83 83.8 70.2 105.2
 85 55.1 44.9 67.3
 99 63.2 49.8 74.8

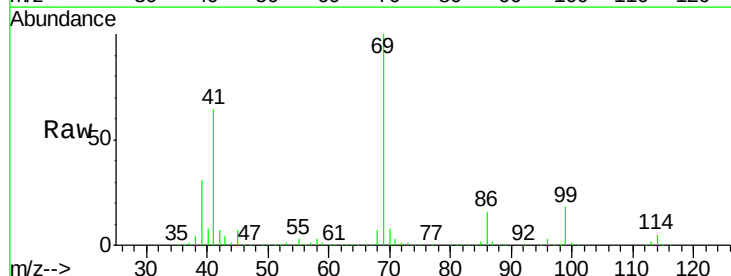


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

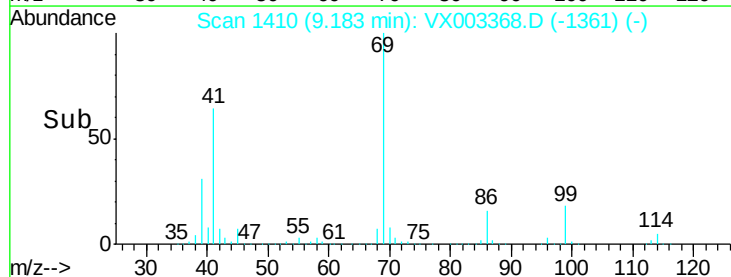
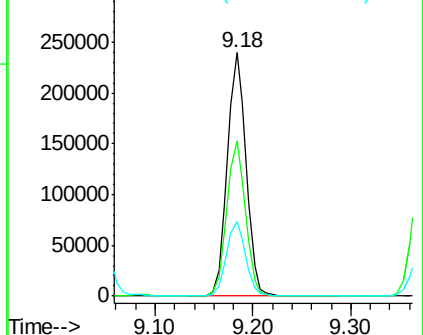


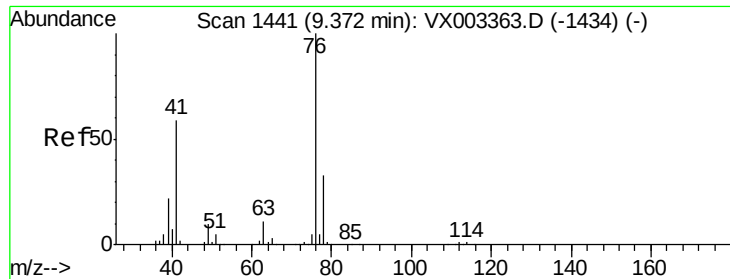
#56
 Ethyl methacrylate
 Concen: 52.37 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

Tgt Ion: 69 Resp: 319880
 Ion Ratio Lower Upper
 69 100
 41 63.6 60.3 90.5
 39 31.3 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: 49.35 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

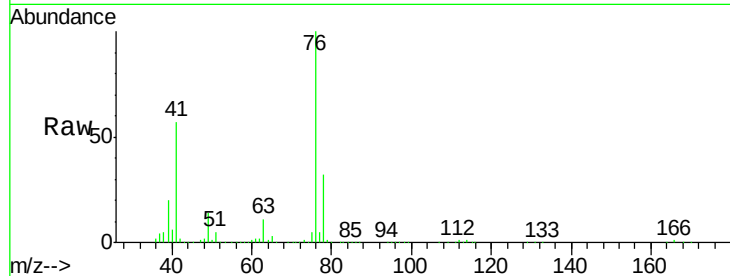
ICVVX071318

Tot Ion: 76 Resp: 342001

Ion Ratio Lower Upper

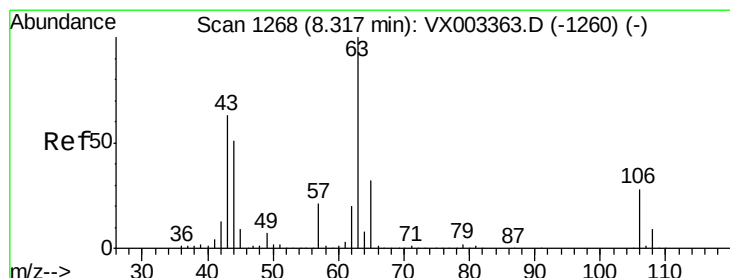
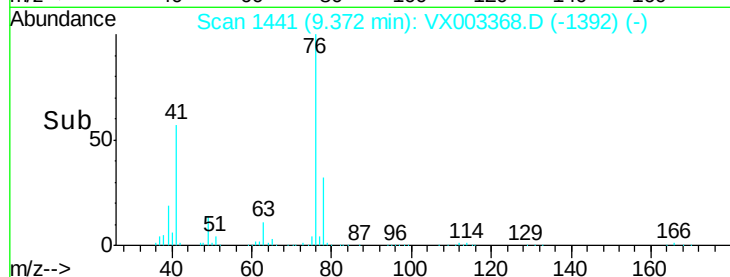
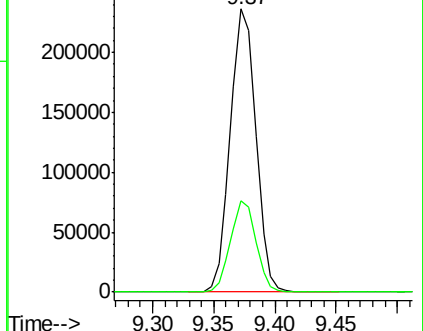
76 100

78 32.0 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: 267.42 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003368.D

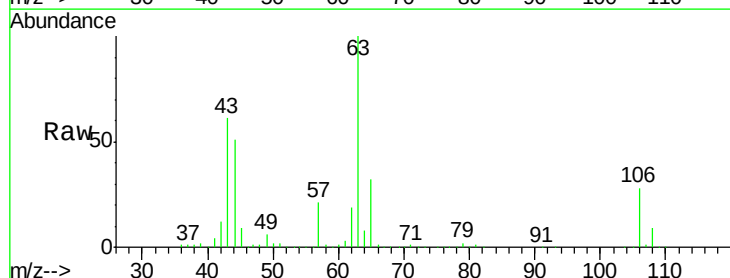
Acq: 13 Jul 2018 17:17

Tgt Ion: 63 Resp: 793692

Ion Ratio Lower Upper

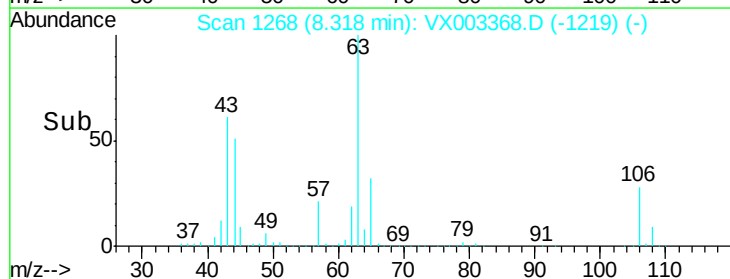
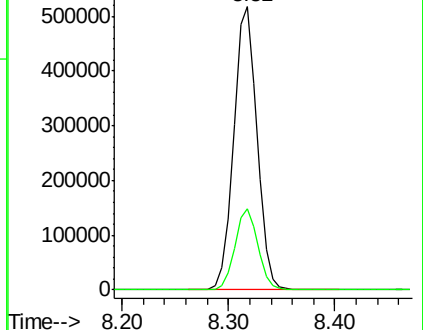
63 100

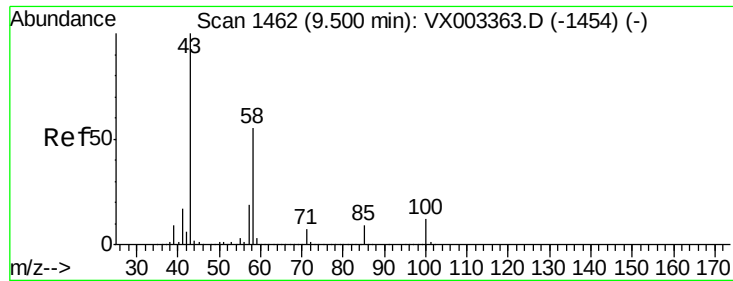
106 28.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

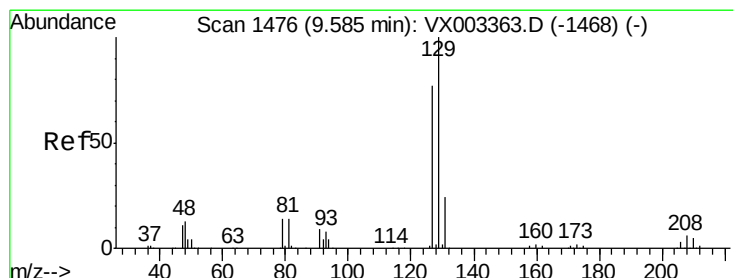
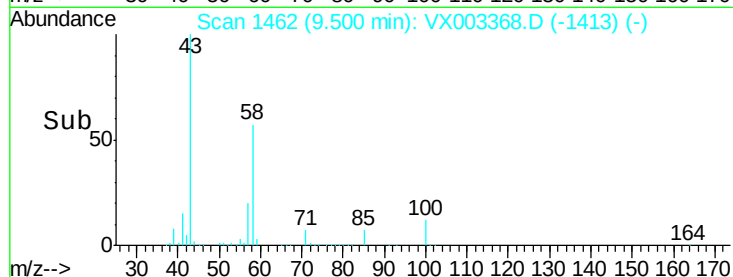
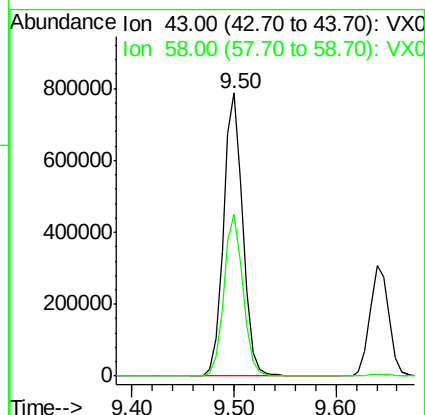
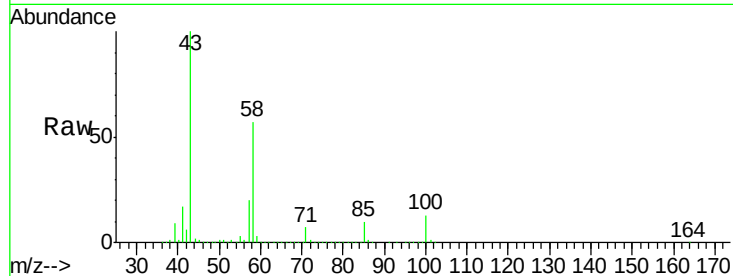




#59
2-Hexanone
Concen: 242.93 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

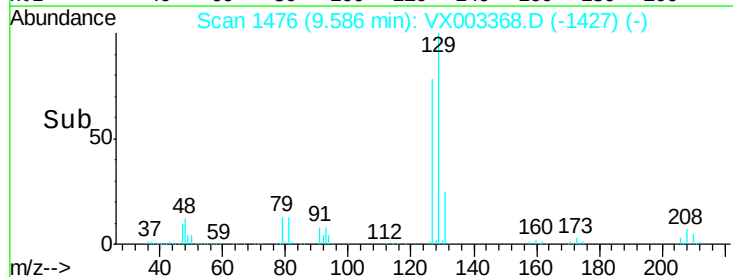
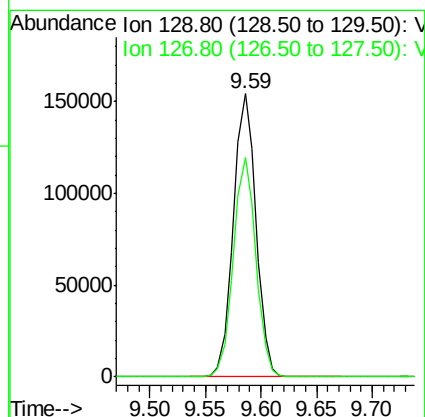
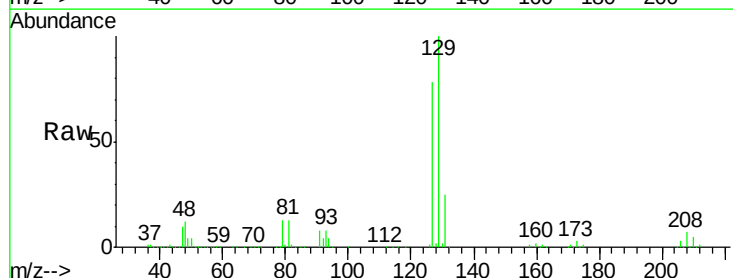
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

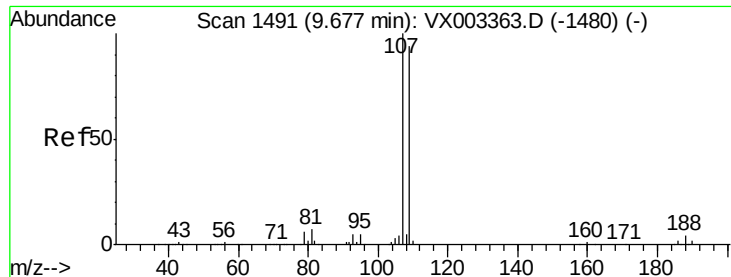
Tot Ion: 43 Resp: 1038215
Ion Ratio Lower Upper
43 100
58 56.6 24.6 73.6



#60
Dibromochloromethane
Concen: 52.31 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion: 129 Resp: 217119
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.44 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

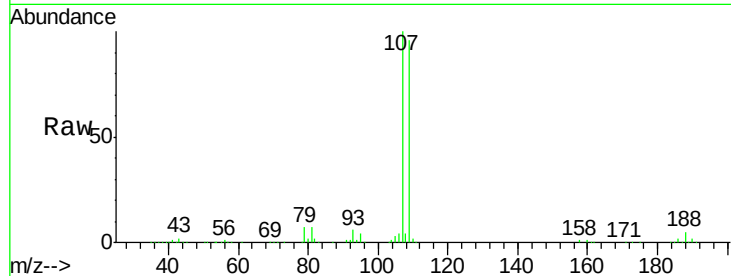
ICVVX071318

Tot Ion:107 Resp: 217483

Ion Ratio Lower Upper

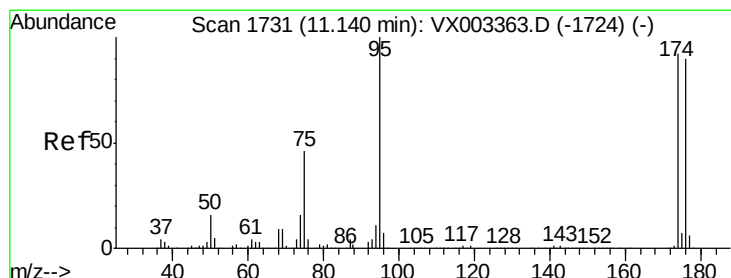
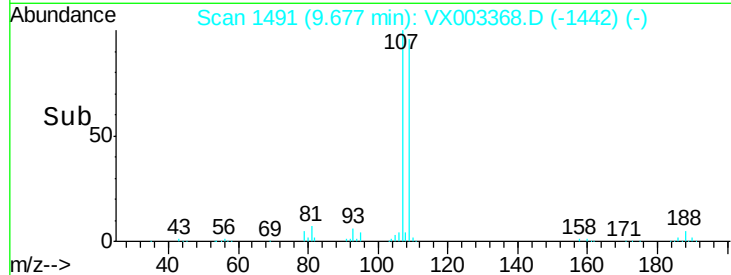
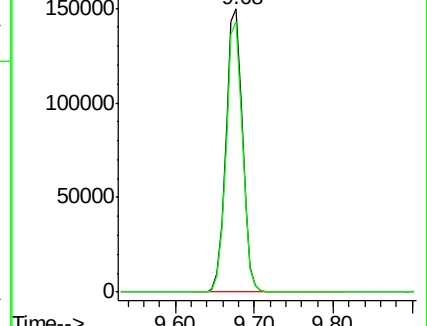
107 100

109 95.0 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: 40.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

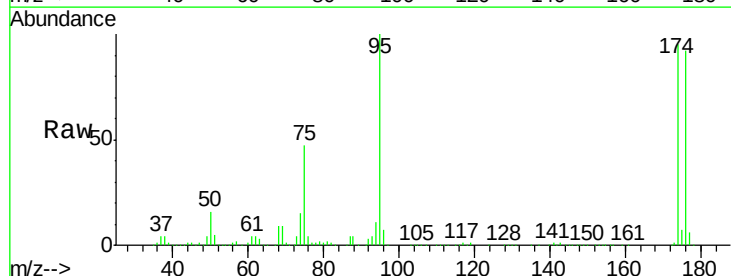
Tgt Ion: 95 Resp: 201166

Ion Ratio Lower Upper

95 100

174 94.2 0.0 187.4

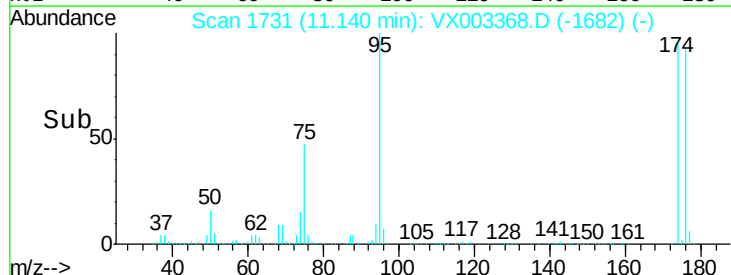
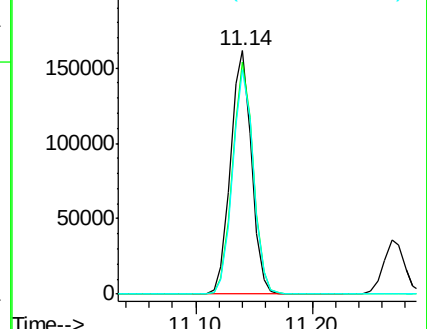
176 91.7 0.0 181.0

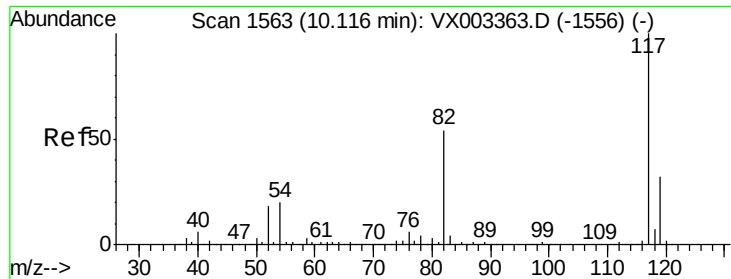


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

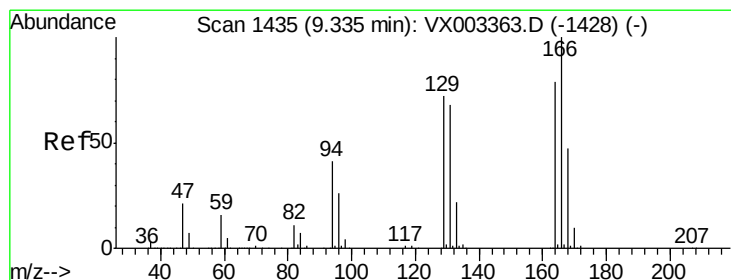
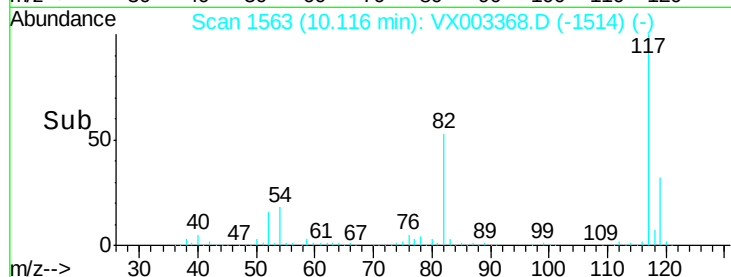
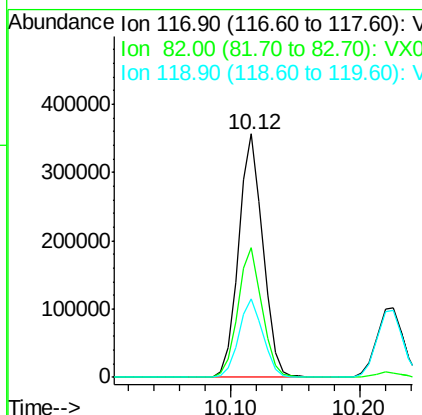
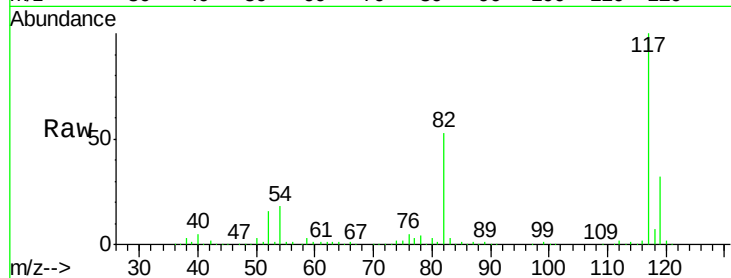




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

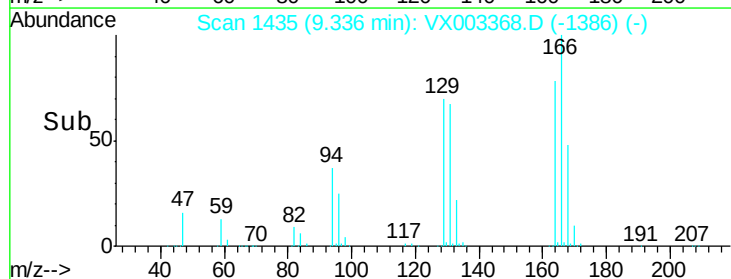
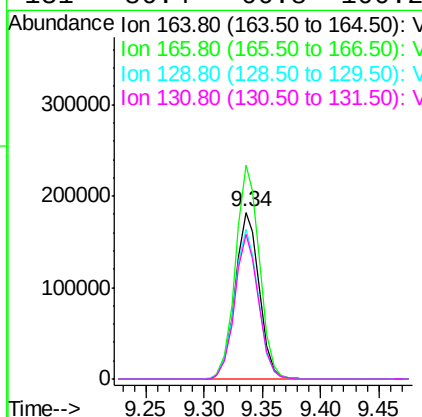
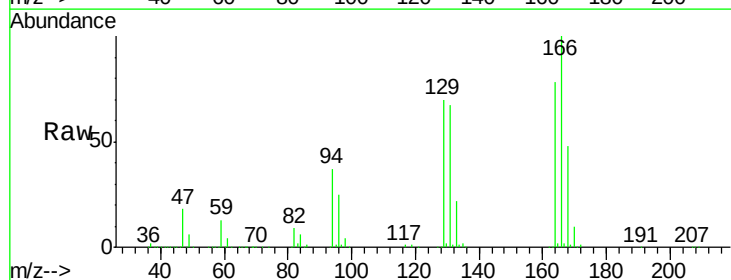
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

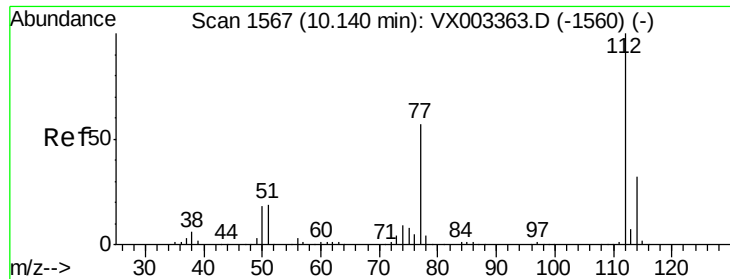
Tot Ion:117 Resp: 464787
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 51.92 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion:164 Resp: 261361
Ion Ratio Lower Upper
164 100
166 128.1 102.9 154.3
129 90.1 68.6 102.8
131 86.4 66.8 100.2





#65

Chlorobenzene

Concen: 50.83 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

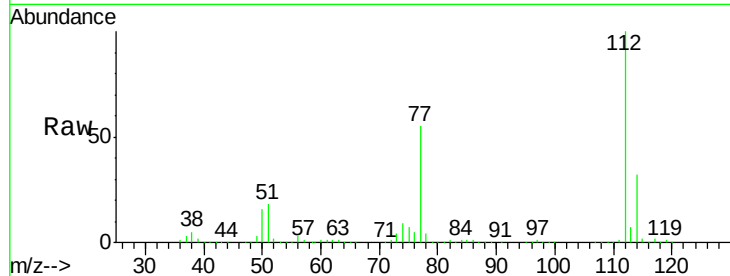
ICVVX071318

Tot Ion:112 Resp: 606690

Ion Ratio Lower Upper

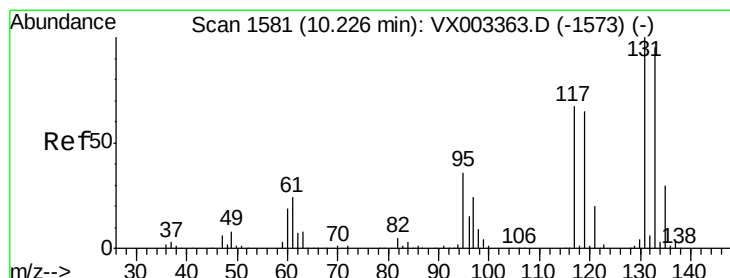
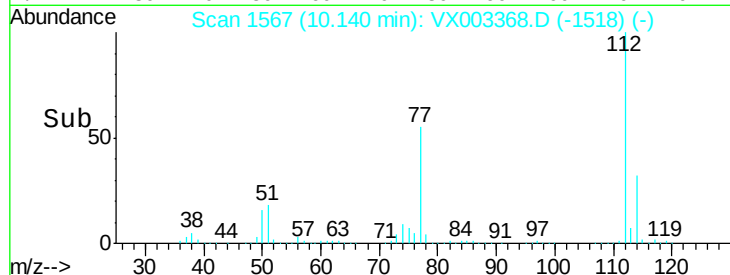
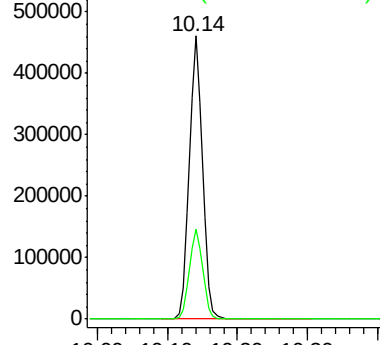
112 100

114 31.9 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.94 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

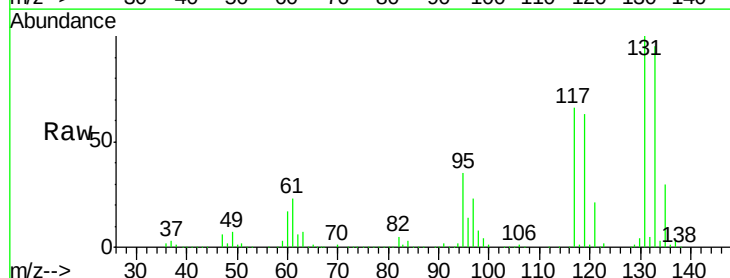
Tgt Ion:131 Resp: 214950

Ion Ratio Lower Upper

131 100

133 94.9 47.9 143.6

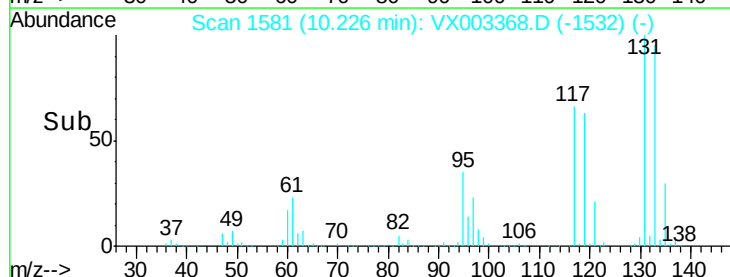
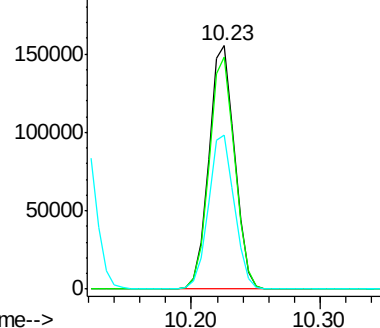
119 63.8 31.8 95.3

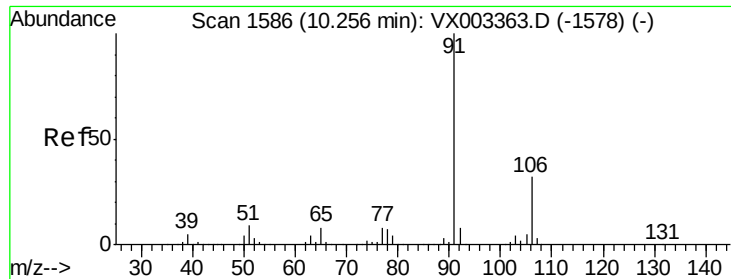


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

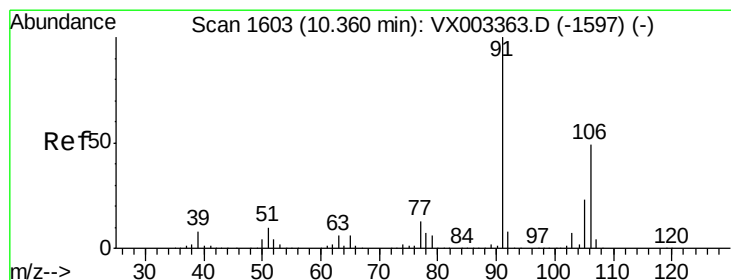
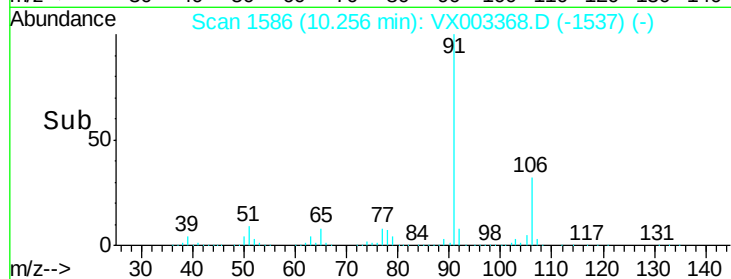
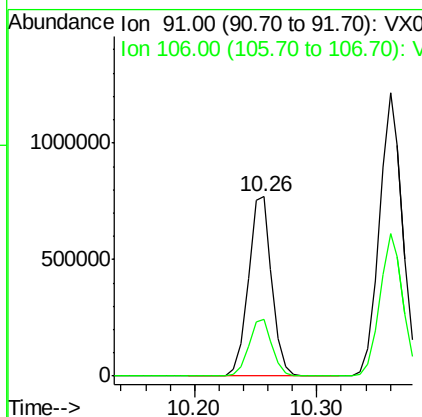
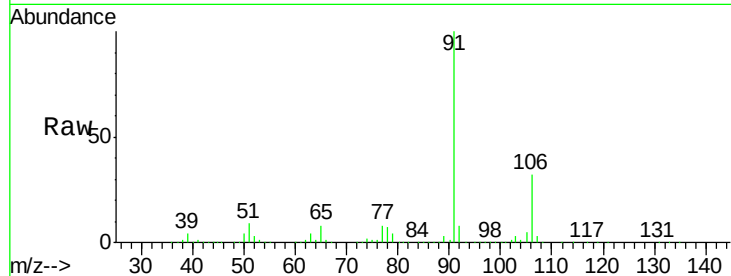




#67
Ethyl Benzene
Concen: 52.67 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

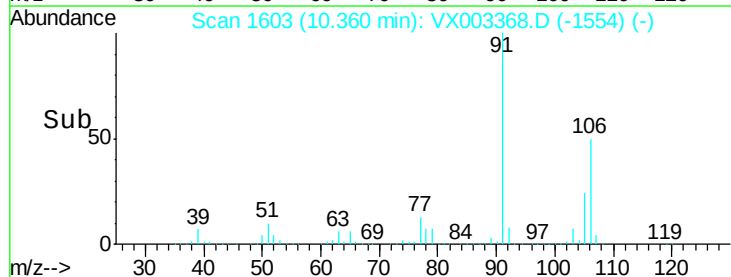
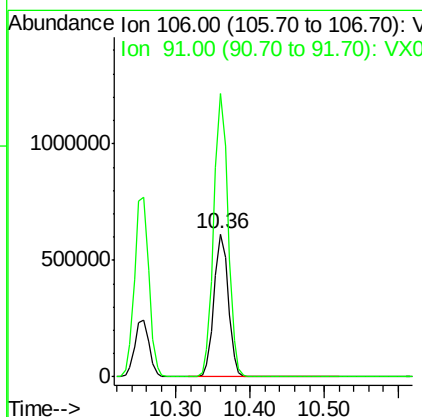
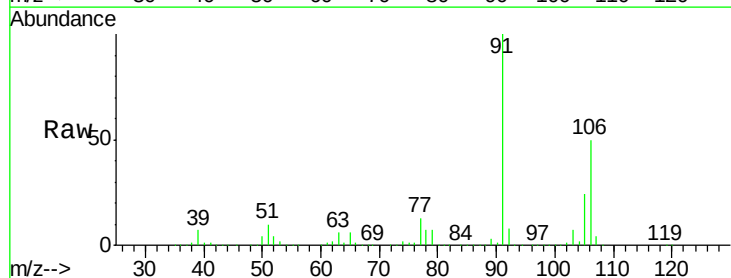
Instrument :
MSVOA_X
ClientSampled :
ICVX071318

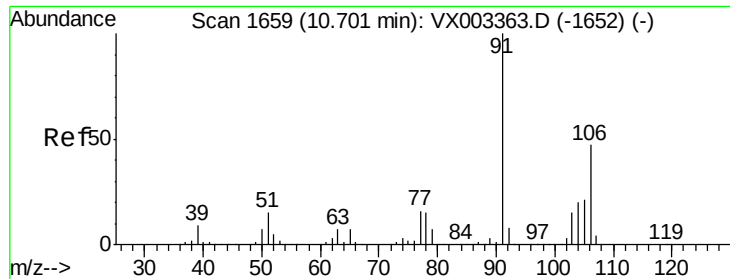
Tot Ion: 91 Resp: 1023008
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 107.82 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion: 106 Resp: 806700
Ion Ratio Lower Upper
106 100
91 197.8 163.4 245.2

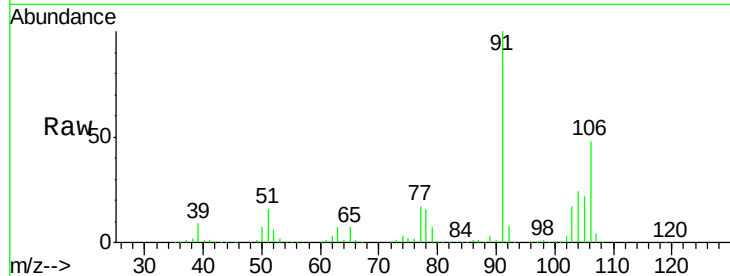




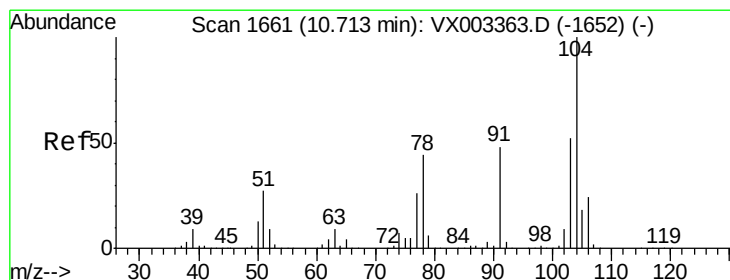
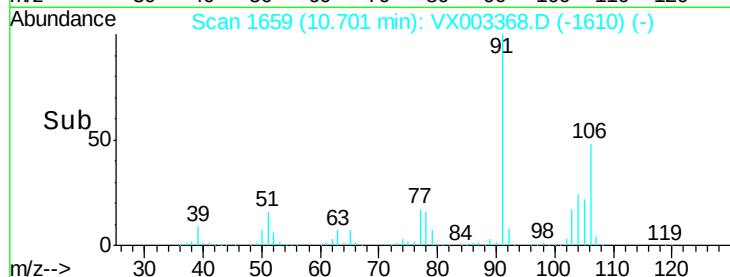
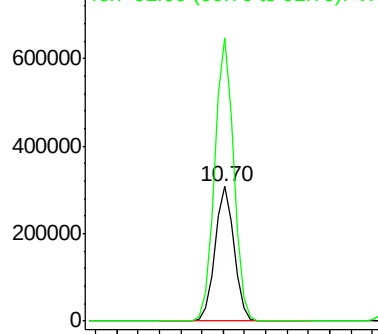
#69
o-Xylene
Concen: 52.95 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

Tot Ion:106 Resp: 386934
Ion Ratio Lower Upper
106 100
91 210.1 108.2 324.6

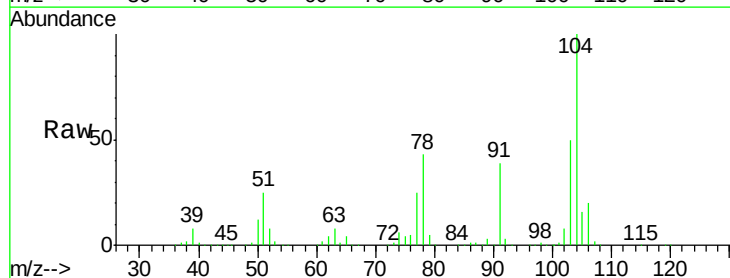


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

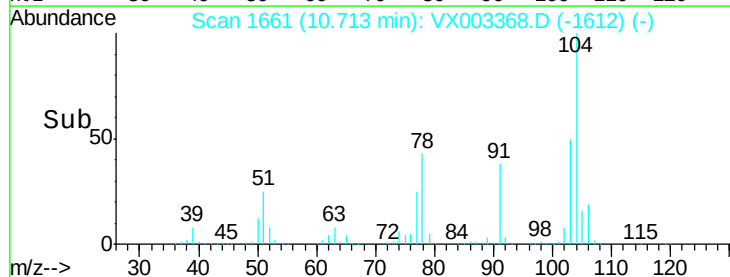
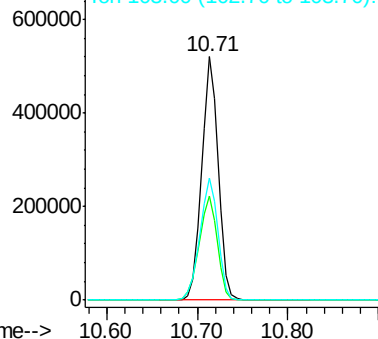


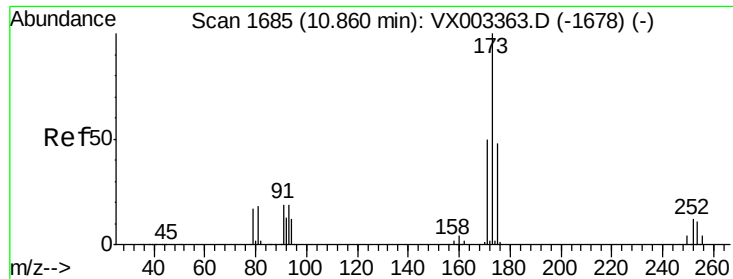
#70
Styrene
Concen: 53.44 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion:104 Resp: 656344
Ion Ratio Lower Upper
104 100
78 47.4 41.0 61.6
103 54.9 44.2 66.4



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





#71

Bromoform

Concen: 51.96 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

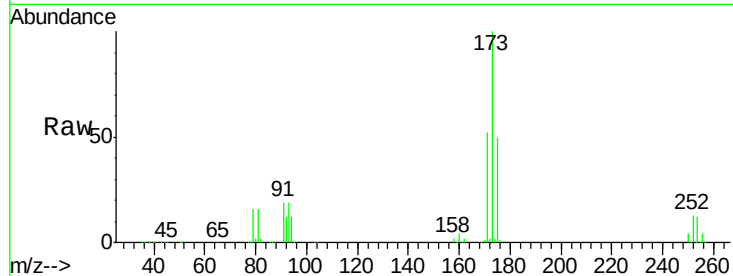
Tot Ion:173 Resp: 167875

Ion Ratio Lower Upper

173 100

175 48.9 24.7 74.1

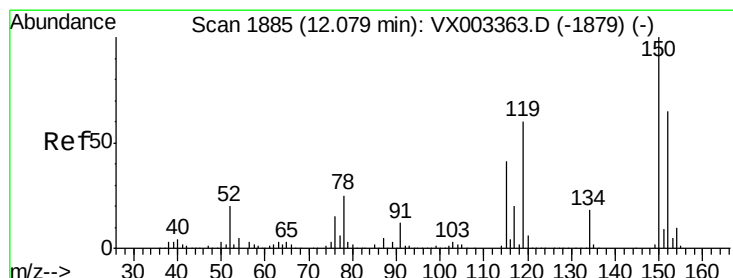
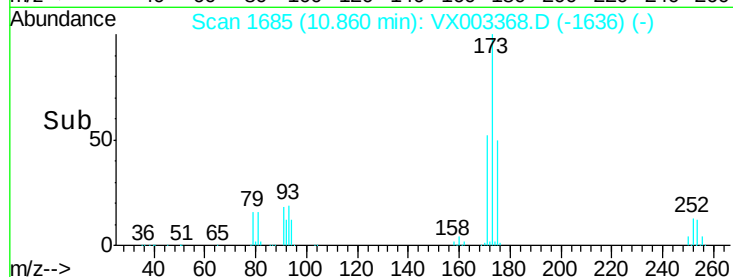
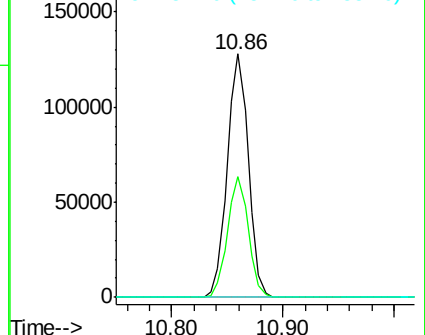
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

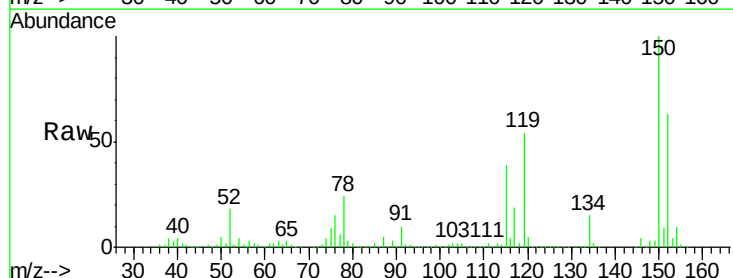
Tgt Ion:152 Resp: 283755

Ion Ratio Lower Upper

152 100

115 78.4 40.1 120.2

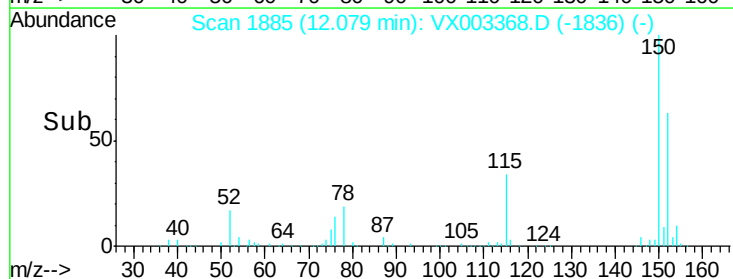
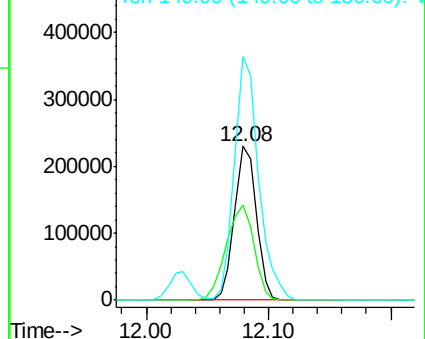
150 175.5 0.0 347.2

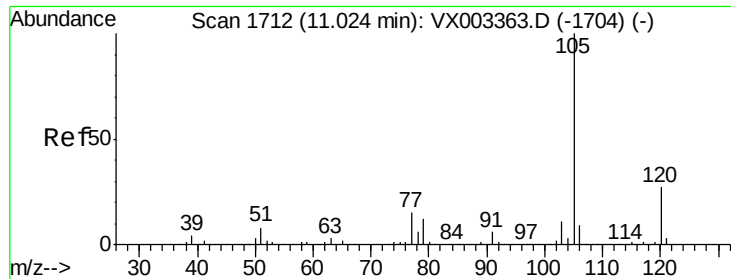


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.92 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

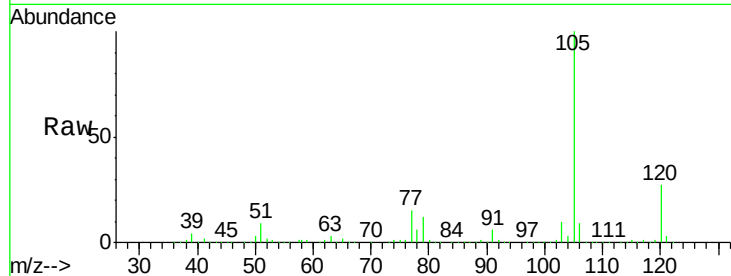
ICVVX071318

Tot Ion:105 Resp: 1038266

Ion Ratio Lower Upper

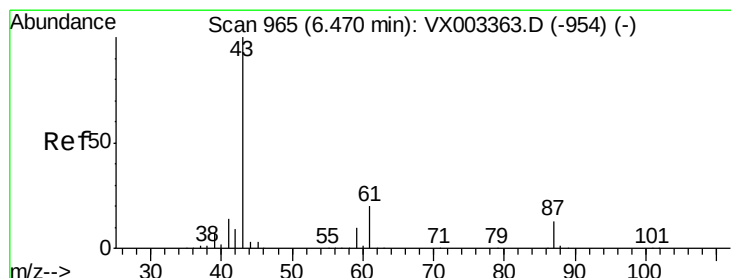
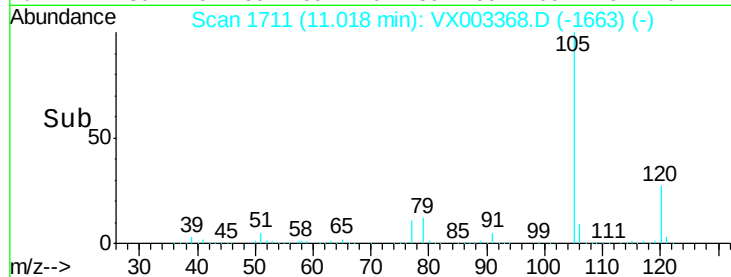
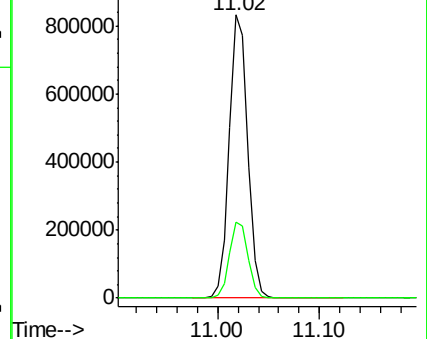
105 100

120 27.1 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: 47.28 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Tgt Ion: 43 Resp: 430009

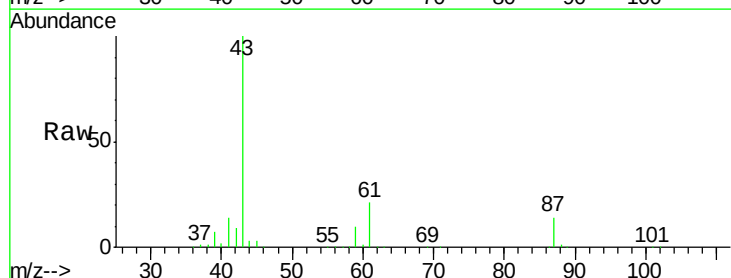
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.8 14.4 21.6

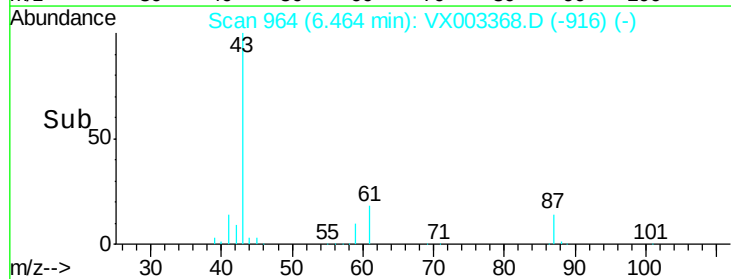
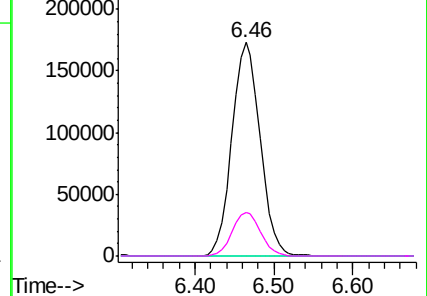


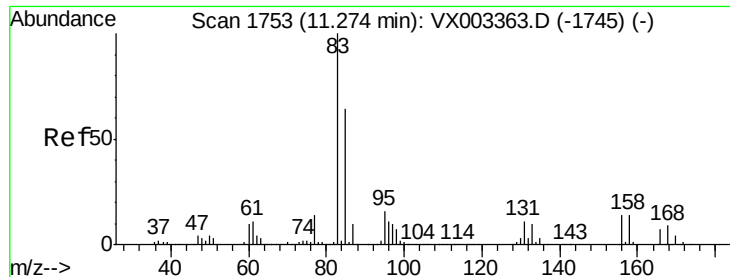
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.00 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

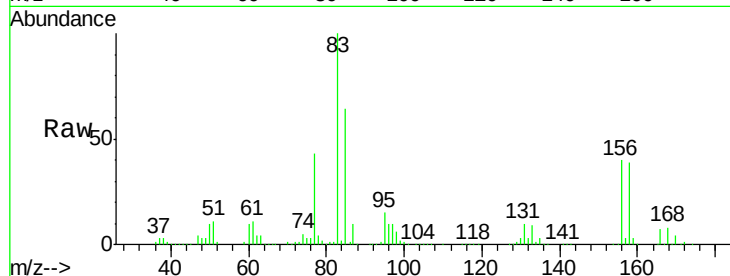
Tot Ion: 83 Resp: 301034

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

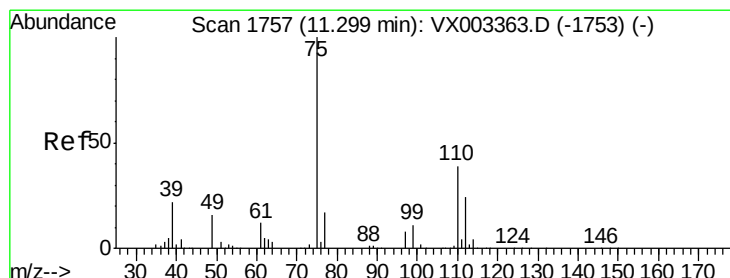
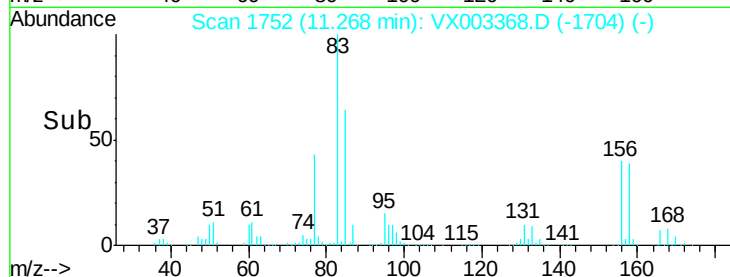
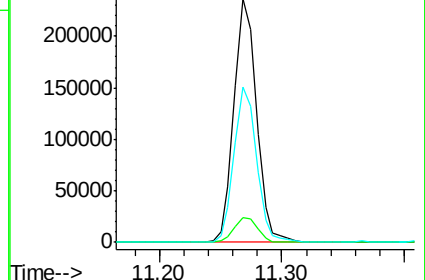
85 64.2 32.4 97.2



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: 63.33 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003368.D

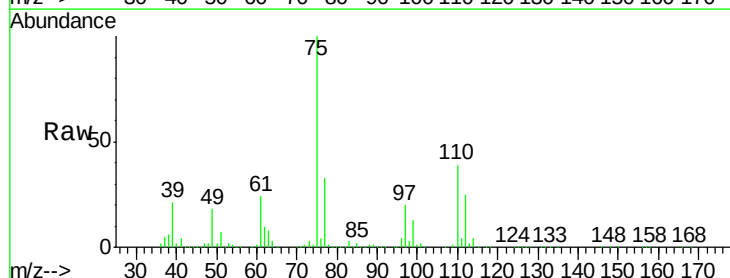
Acq: 13 Jul 2018 17:17

Tgt Ion: 75 Resp: 355023

Ion Ratio Lower Upper

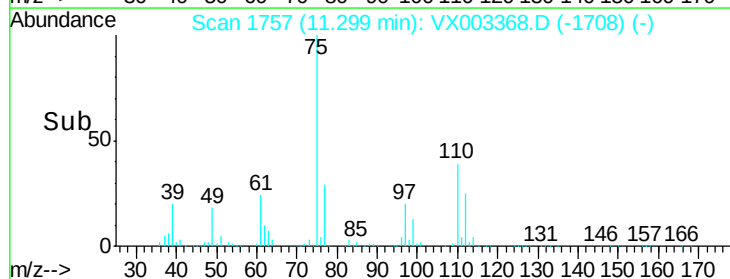
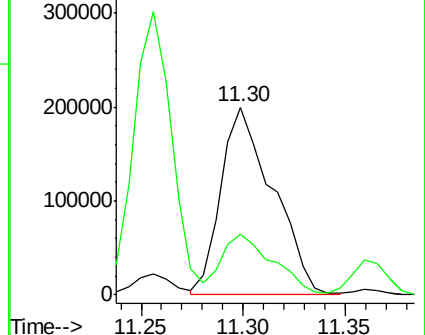
75 100

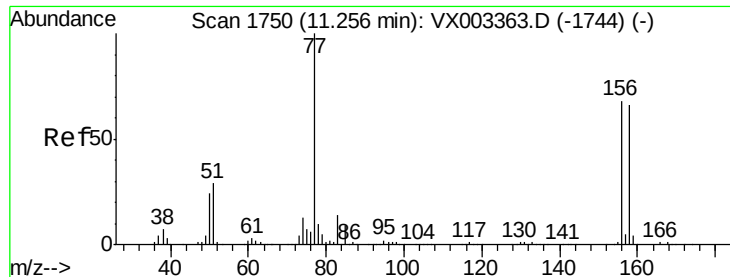
77 32.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.71 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

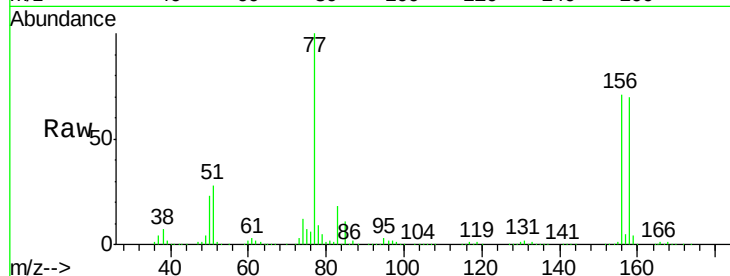
Tot Ion:156 Resp: 281142

Ion Ratio Lower Upper

156 100

77 139.7 71.4 214.2

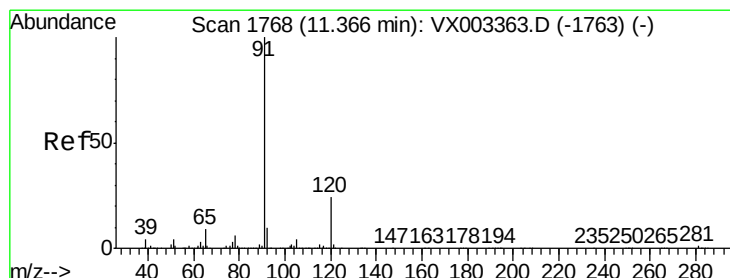
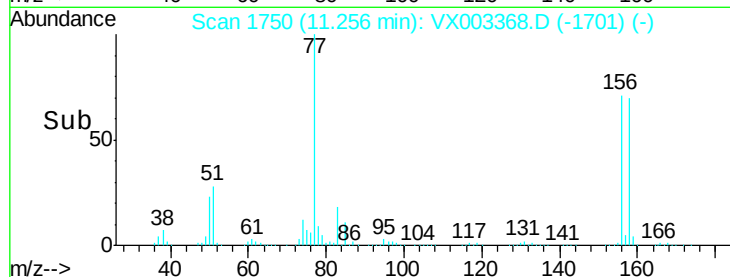
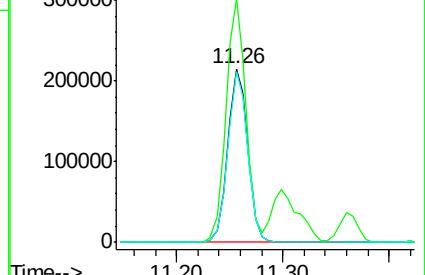
158 97.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.51 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003368.D

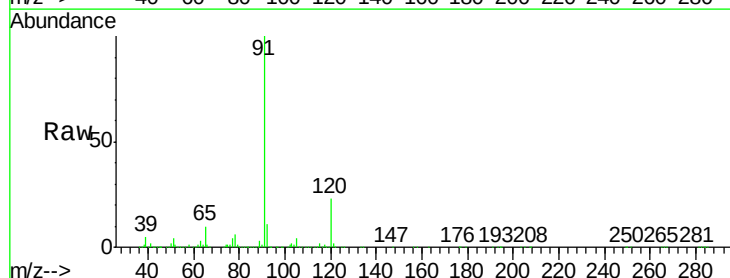
Acq: 13 Jul 2018 17:17

Tgt Ion: 91 Resp: 1186709

Ion Ratio Lower Upper

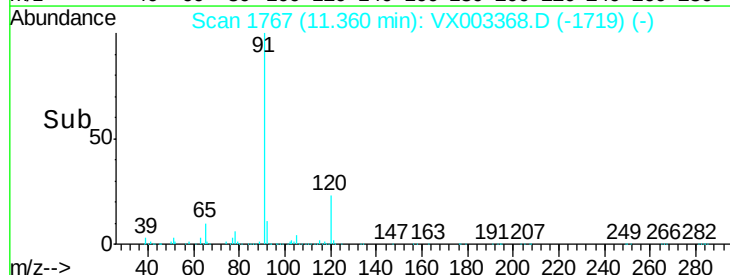
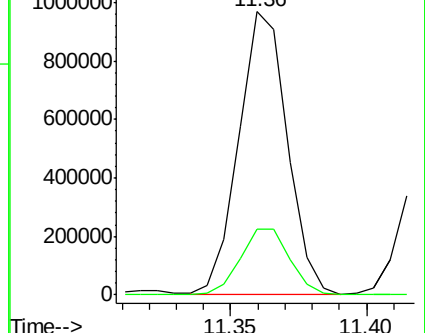
91 100

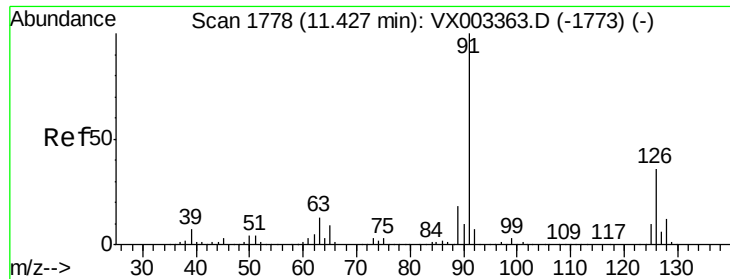
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.76 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

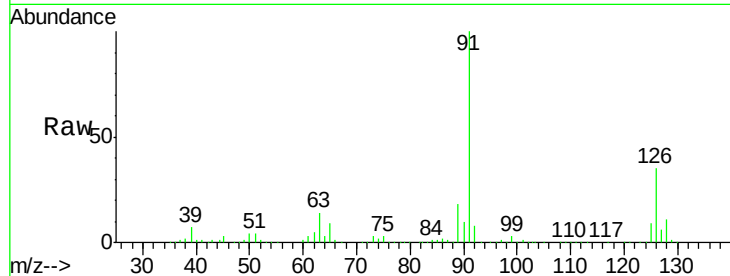
ICVVX071318

Tot Ion: 91 Resp: 695316

Ion Ratio Lower Upper

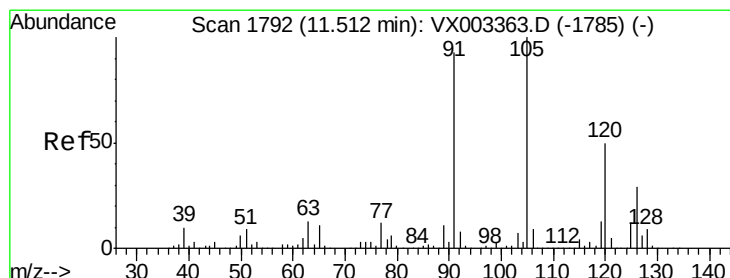
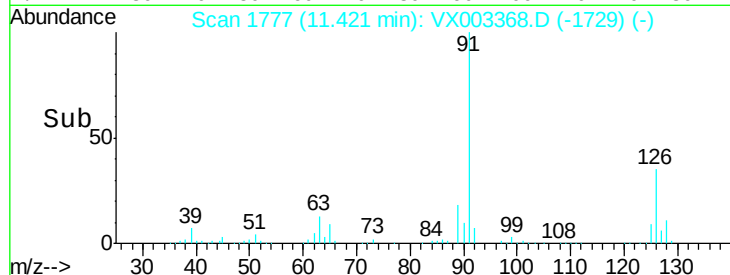
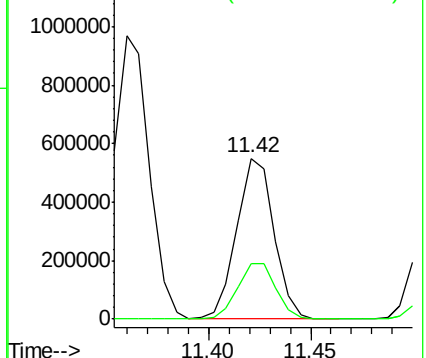
91 100

126 35.8 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.53 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003368.D

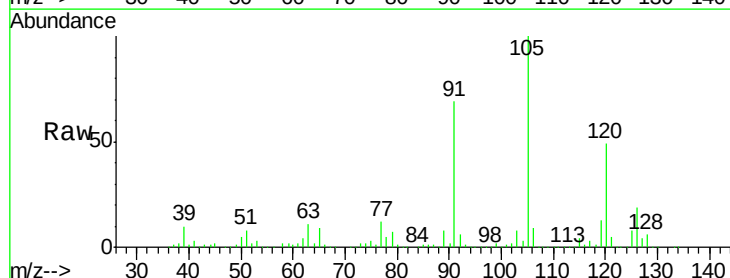
Acq: 13 Jul 2018 17:17

Tgt Ion:105 Resp: 870400

Ion Ratio Lower Upper

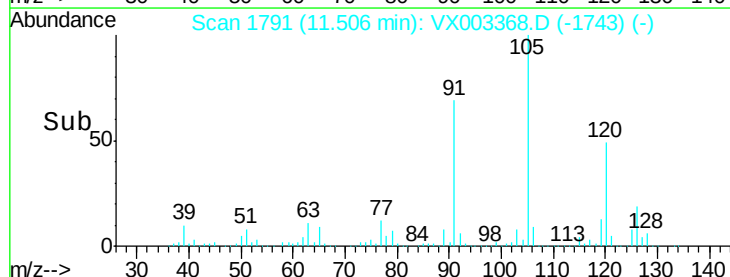
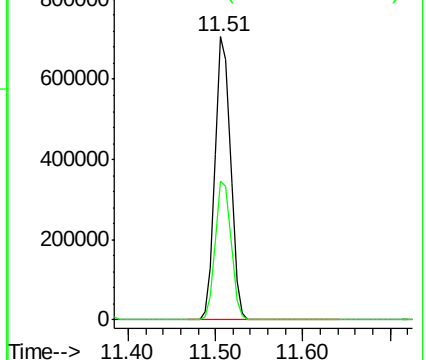
105 100

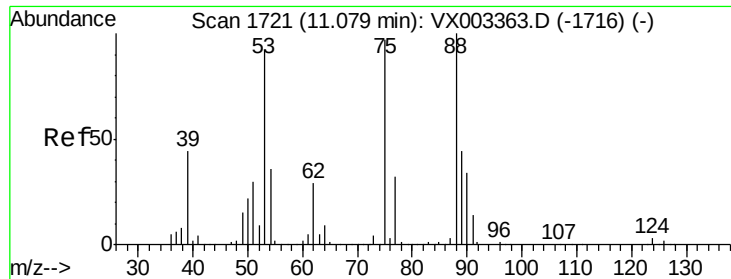
120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

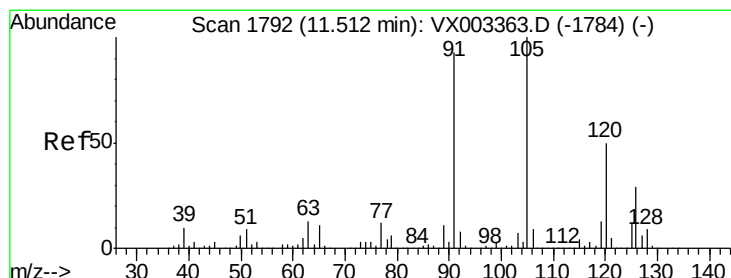
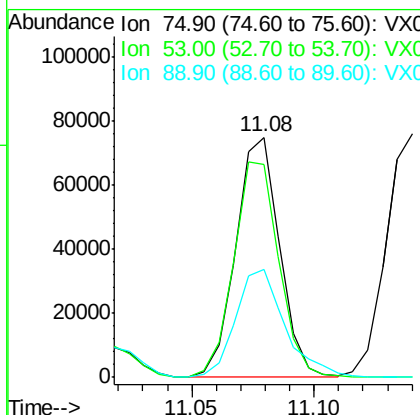
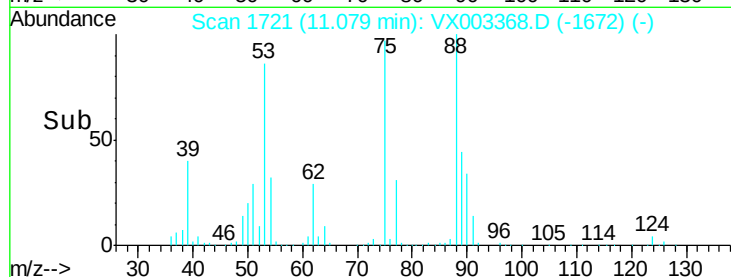
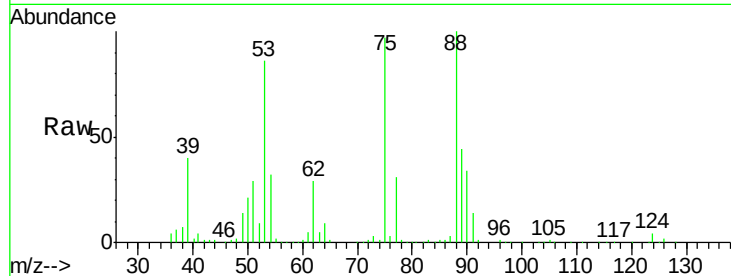




#81
trans-1,4-Dichloro-2-butene
Concen: 54.73 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

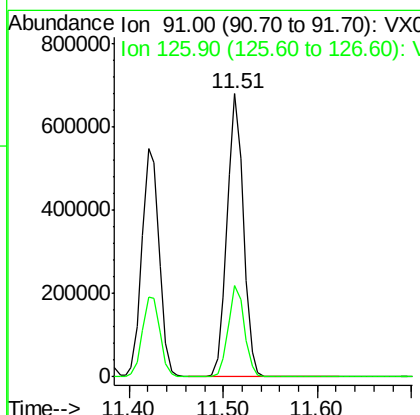
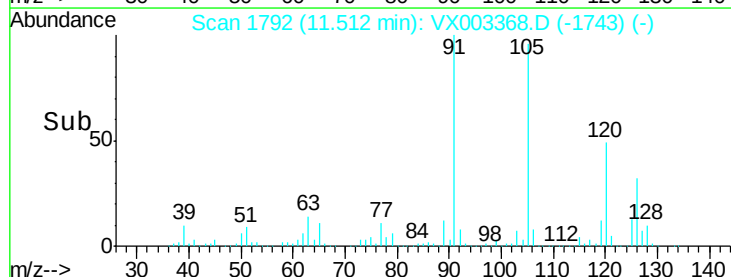
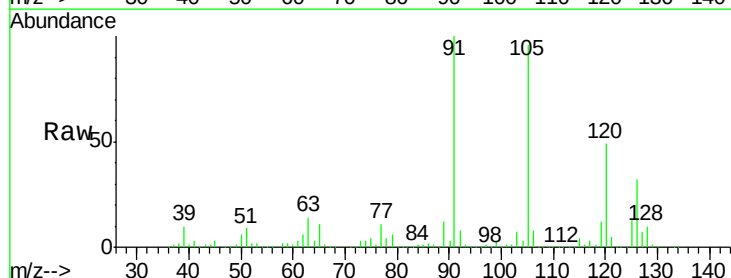
Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

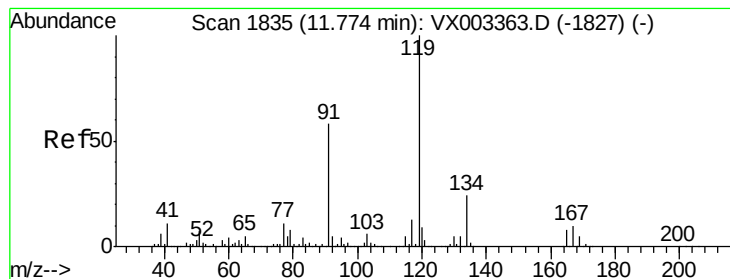
Tot Ion: 75 Resp: 92023
Ion Ratio Lower Upper
75 100
53 93.9 86.8 130.2
89 51.4 38.2 57.2



#82
4-Chlorotoluene
Concen: 51.63 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion: 91 Resp: 823974
Ion Ratio Lower Upper
91 100
126 31.9 15.4 46.4





#83

tert-Butylbenzene

Concen: 52.58 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

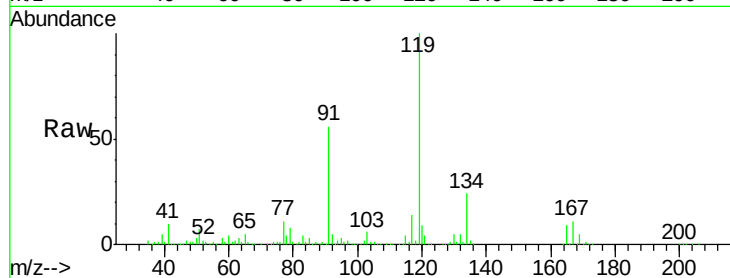
Tot Ion:119 Resp: 846495

Ion Ratio Lower Upper

119 100

91 54.8 30.3 90.9

134 23.1 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

800000

600000

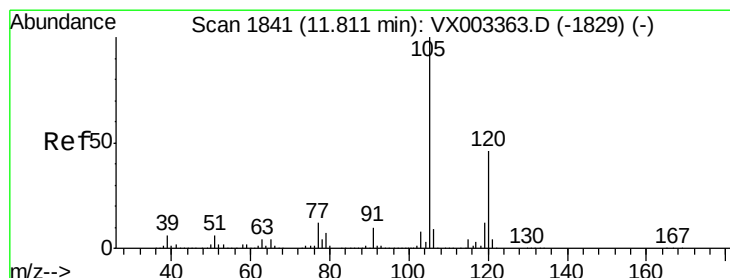
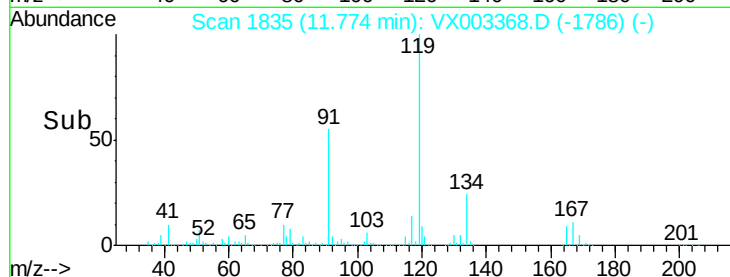
400000

200000

0

11.70 11.75 11.80

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 54.04 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003368.D

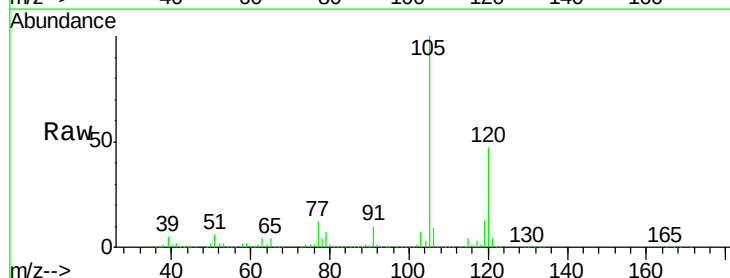
Acq: 13 Jul 2018 17:17

Tgt Ion:105 Resp: 891422

Ion Ratio Lower Upper

105 100

120 46.2 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

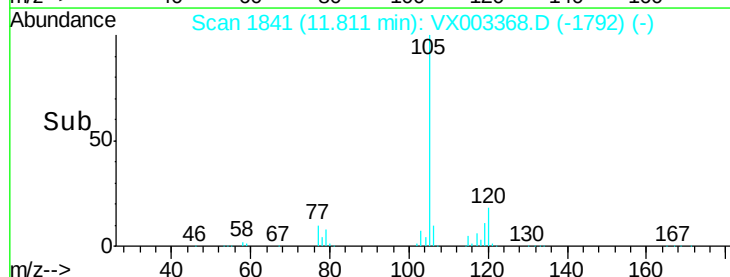
400000

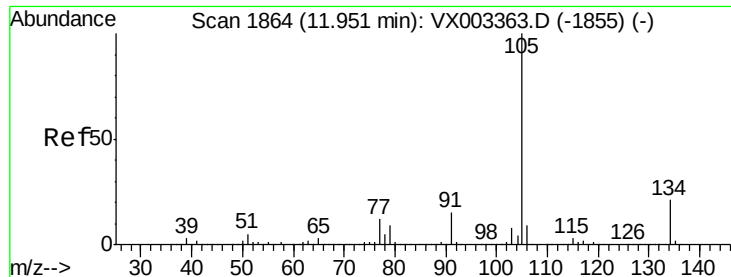
200000

0

11.70 11.80 11.90

Time-->





#85

sec-Butylbenzene

Concen: 53.56 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

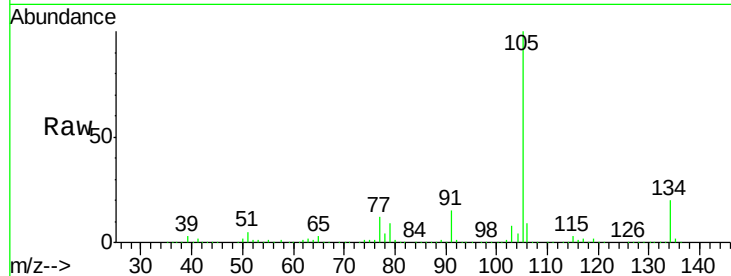
ICVVX071318

Tot Ion:105 Resp: 1030512

Ion Ratio Lower Upper

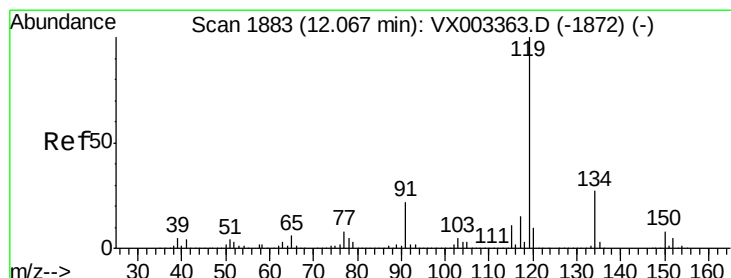
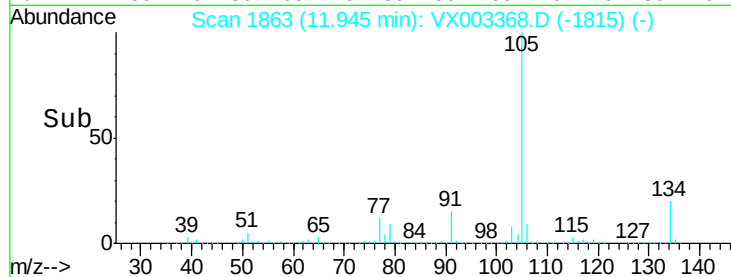
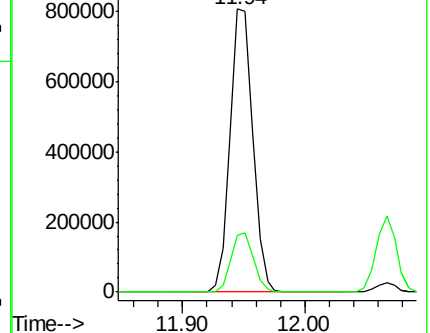
105 100

134 20.8 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: 54.26 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

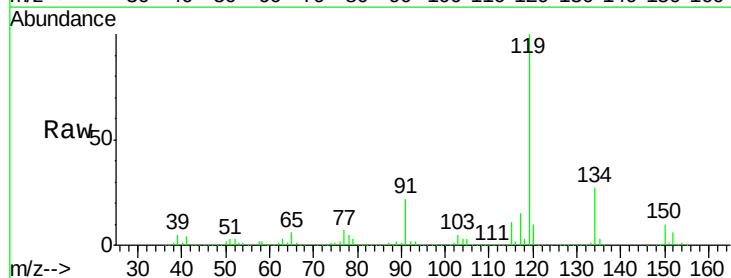
Tgt Ion:119 Resp: 934011

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

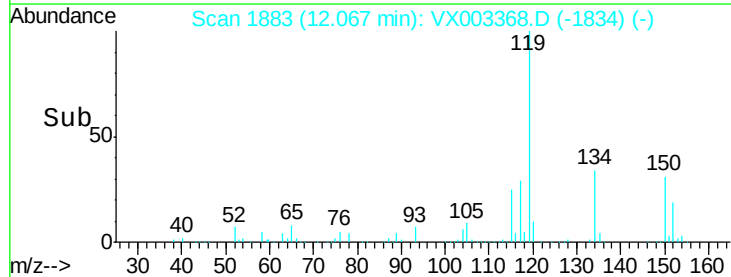
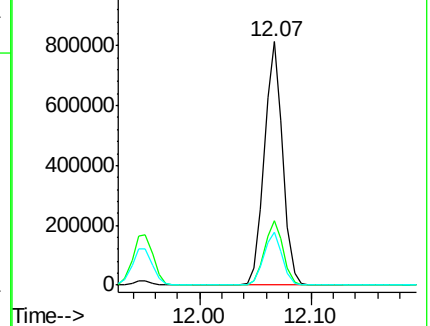
91 22.0 11.9 35.7

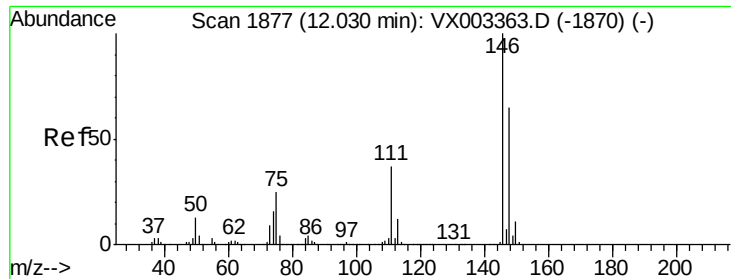


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

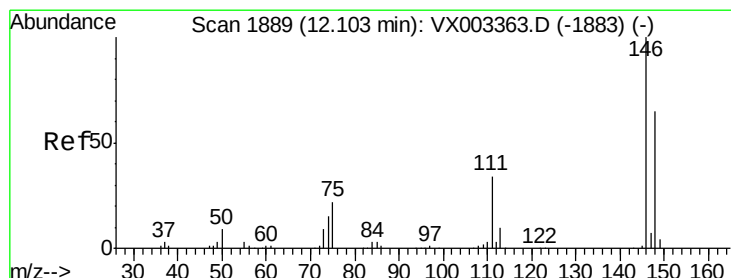
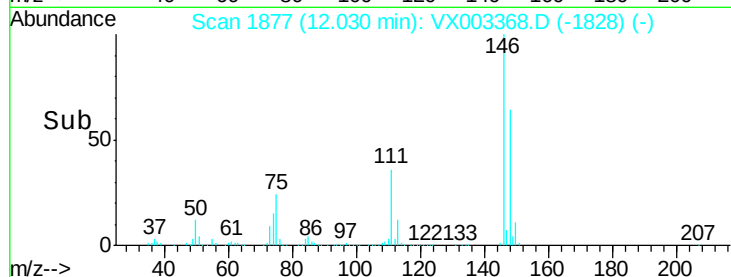
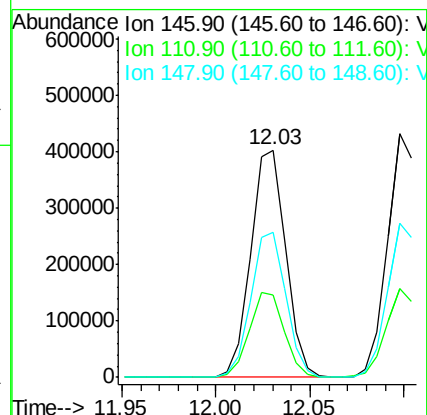
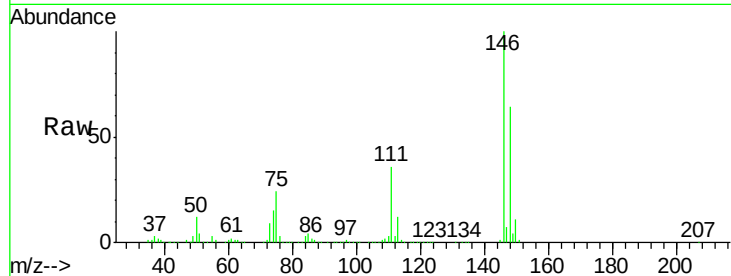




#87
 1,3-Dichlorobenzene
 Concen: 50.15 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

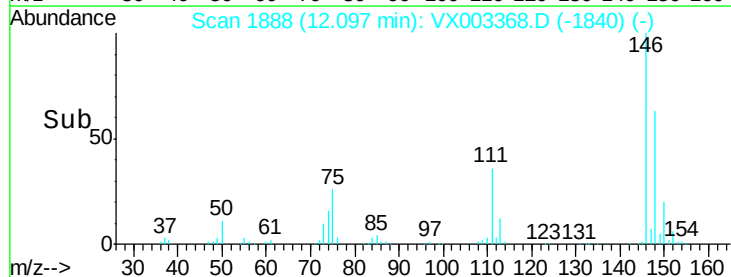
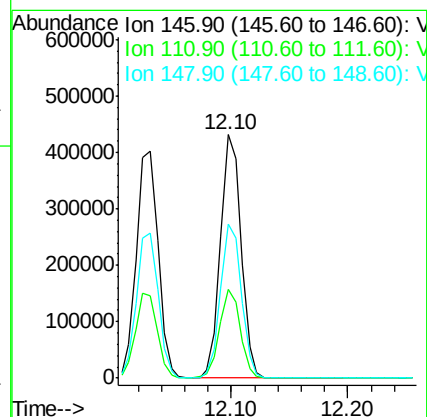
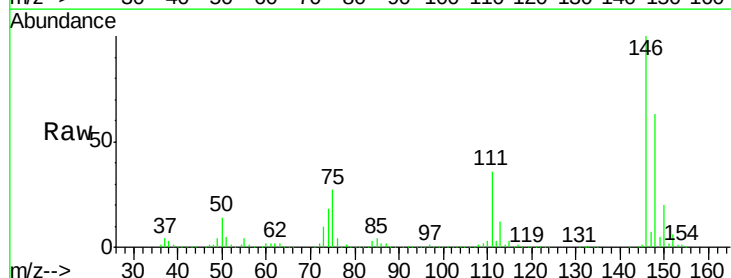
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071318

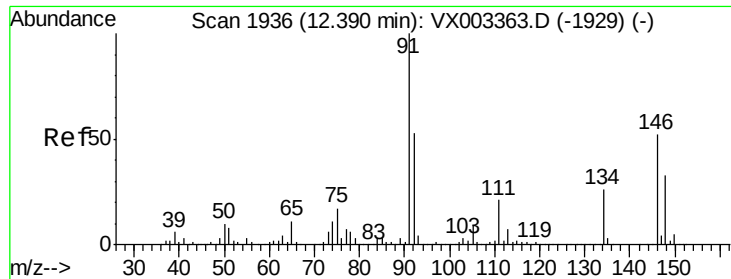
Tot Ion:146 Resp: 519052
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.9 56.7
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 50.03 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

Tgt Ion:146 Resp: 525747
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.7 56.1
 148 64.3 32.4 97.0





#89

n-Butylbenzene

Concen: 55.35 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

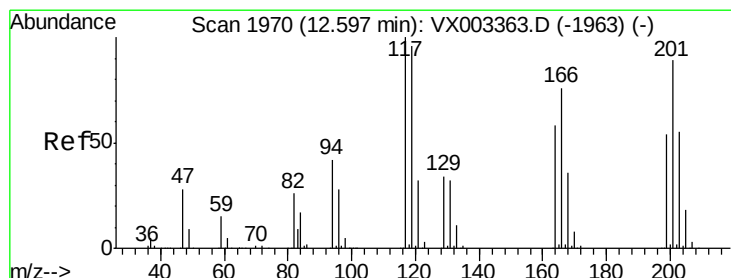
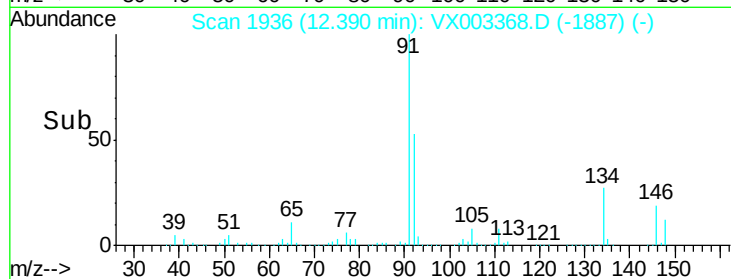
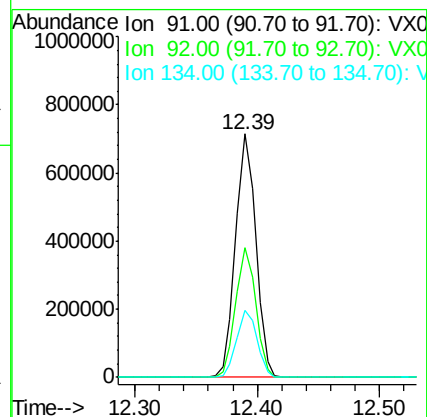
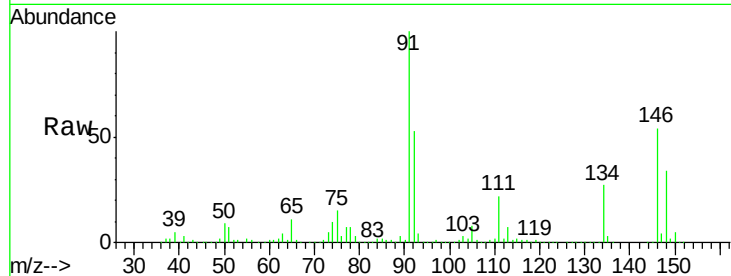
Tot Ion: 91 Resp: 815355

Ion Ratio Lower Upper

91 100

92 52.9 26.0 78.0

134 27.7 13.5 40.5



#90

Hexachloroethane

Concen: 52.48 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003368.D

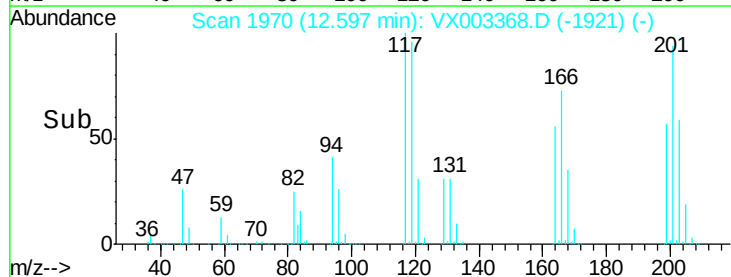
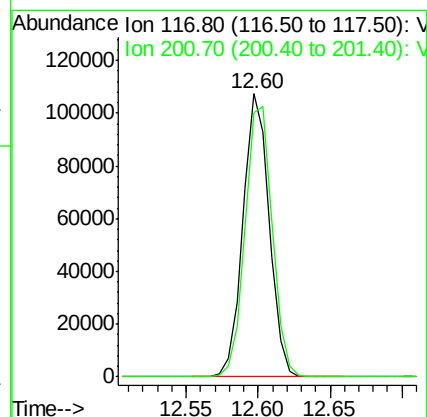
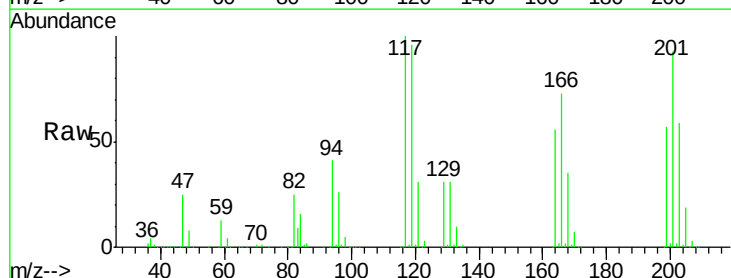
Acq: 13 Jul 2018 17:17

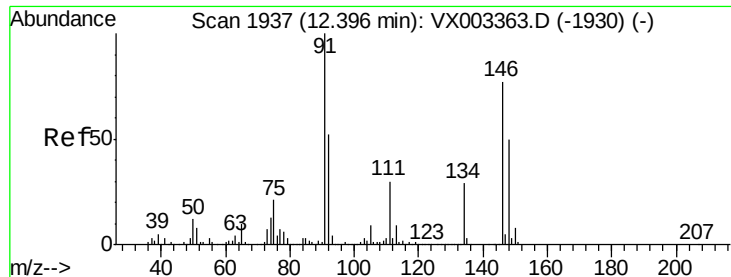
Tgt Ion: 117 Resp: 135412

Ion Ratio Lower Upper

117 100

201 99.2 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 49.48 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX071318

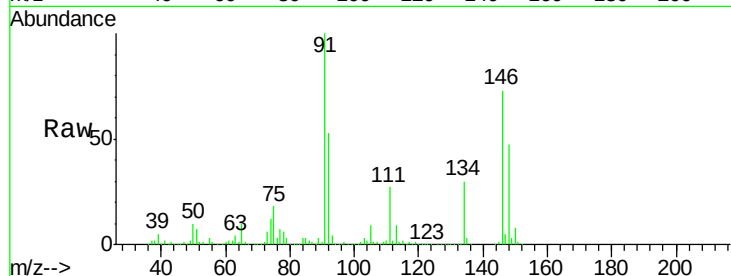
Tot Ion:146 Resp: 512560

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.1

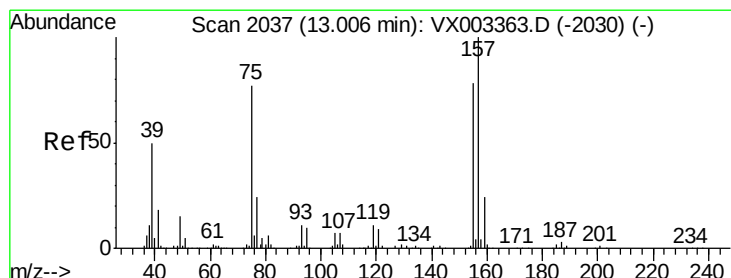
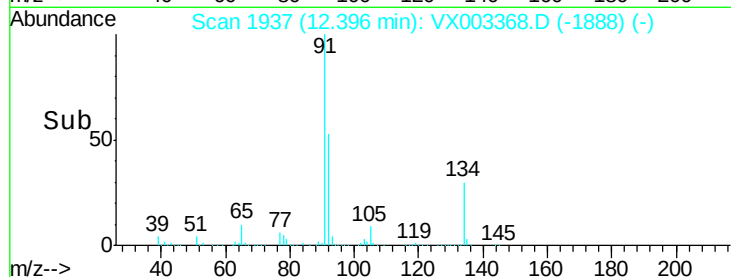
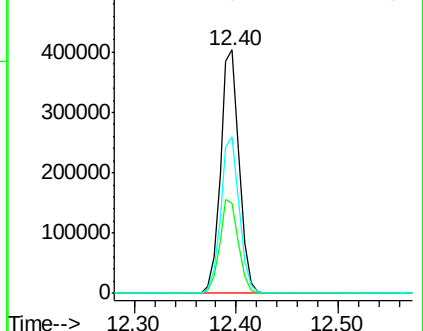
148 64.4 31.7 95.1



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: 48.47 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003368.D

Acq: 13 Jul 2018 17:17

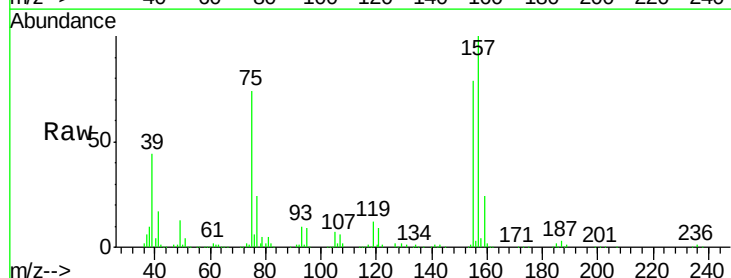
Tgt Ion: 75 Resp: 61567

Ion Ratio Lower Upper

75 100

155 100.9 45.8 137.4

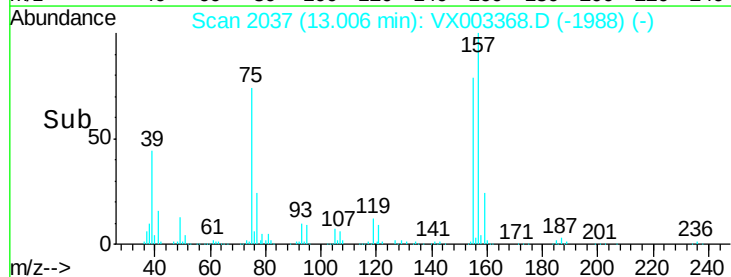
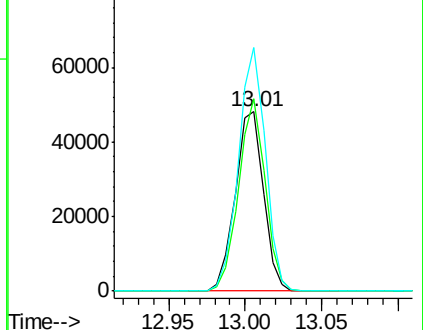
157 129.4 60.1 180.3

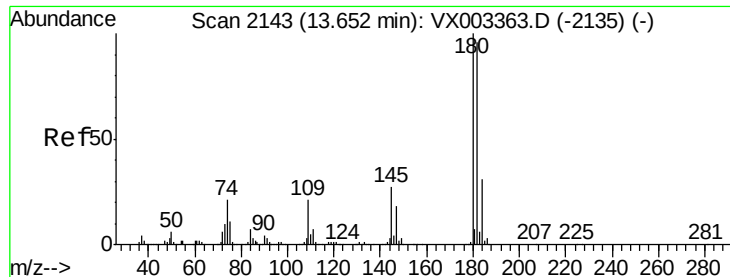


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

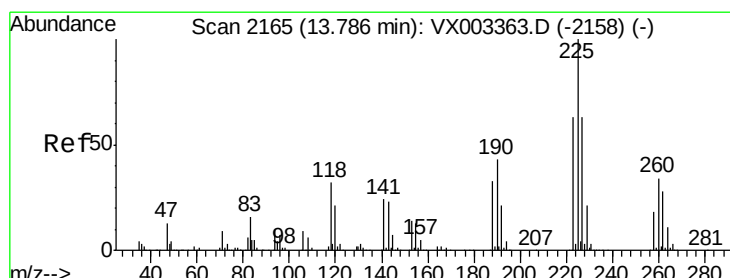
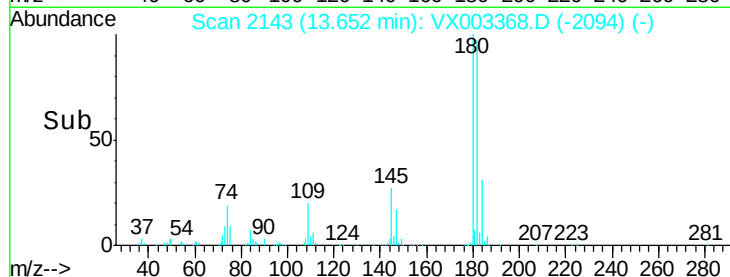
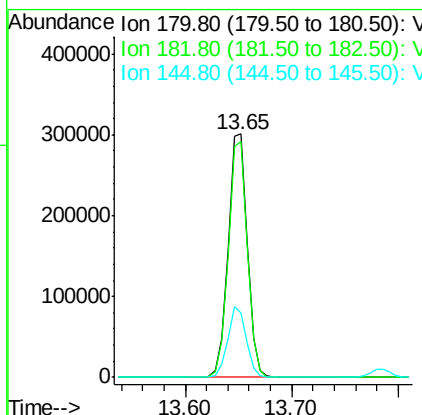
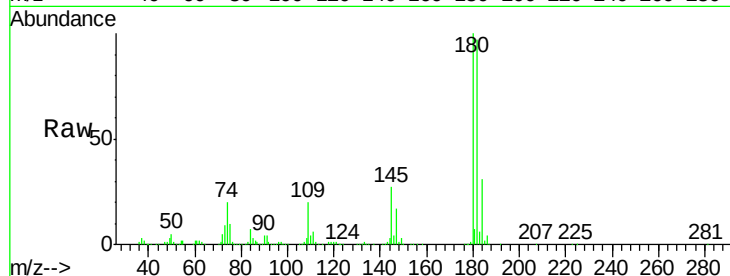




#93
 1,2,4-Trichlorobenzene
 Concen: 53.38 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

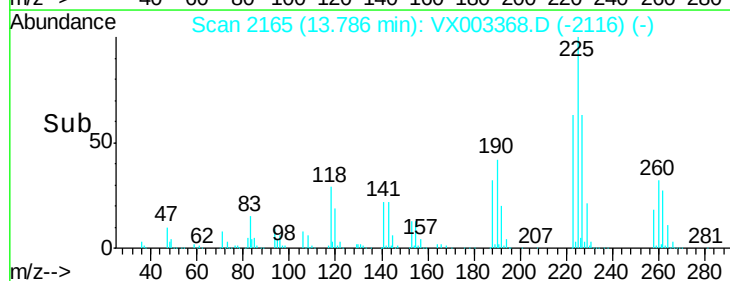
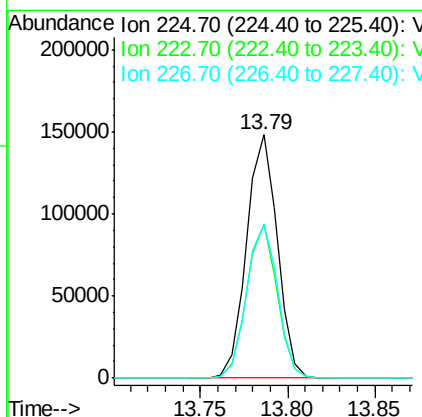
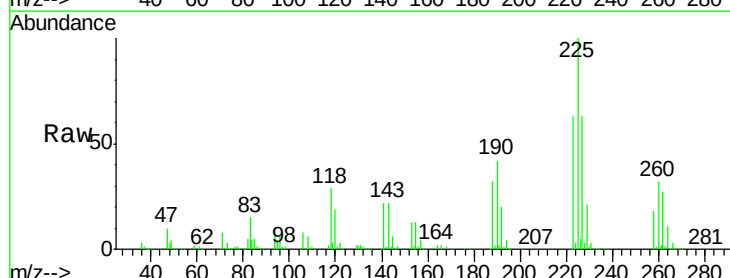
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX071318

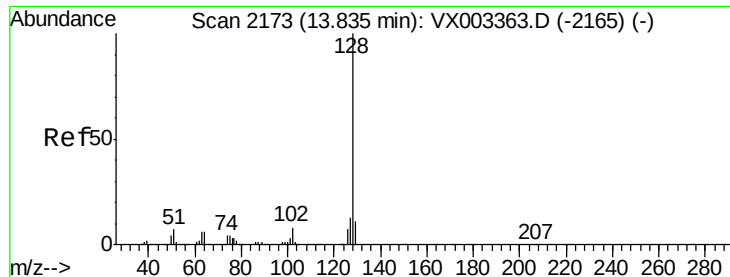
Tot Ion:180 Resp: 378288
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 54.29 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003368.D
 Acq: 13 Jul 2018 17:17

Tgt Ion:225 Resp: 181546
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.6 95.0
 227 63.7 32.4 97.2

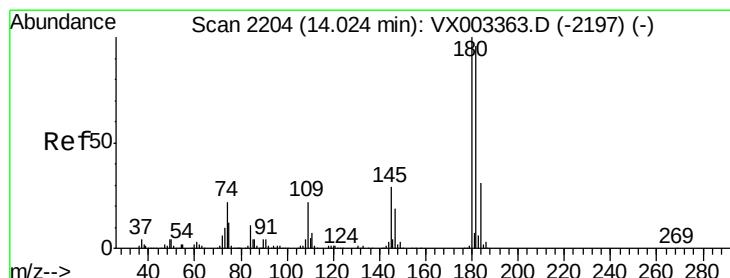
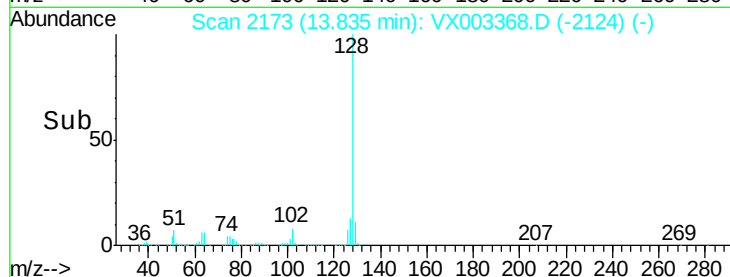
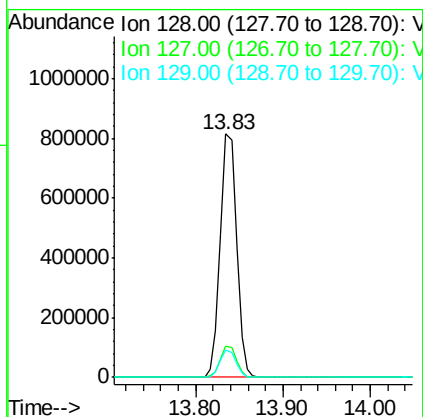
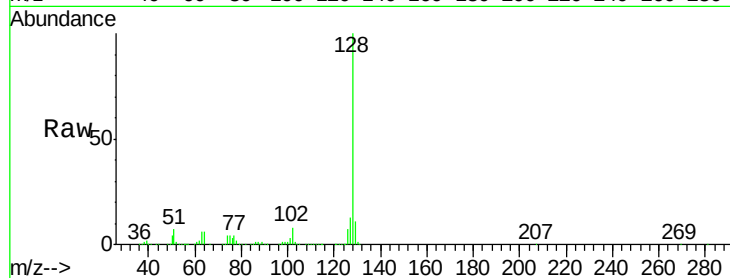




#95
Naphthalene
Concen: 52.85 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX071318

Tot Ion:128 Resp: 1049640
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.54 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003368.D
Acq: 13 Jul 2018 17:17

Tgt Ion:180 Resp: 375773
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.0
145 29.6 14.8 44.3

