

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060718\
 Data File : VX002378.D
 Acq On : 07 Jun 2018 15:27
 Operator : JC/MD
 Sample : VX0607MBS01
 Misc : 5.0µ/10mL/100µL/10mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Quant Time: Jun 07 16:12:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	347049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200556	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	76832	20.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.94%	
35) Dibromofluoromethane	5.51	113	58378	21.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.78%	
50) Toluene-d8	8.72	98	224047	21.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.84%	
62) 4-Bromofluorobenzene	11.14	95	82378	20.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.84%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	50784	20.468	ug/l 99
3) Chloromethane	1.32	50	59851	19.289	ug/l 99
4) Vinyl Chloride	1.41	62	64356	20.580	ug/l 99
5) Bromomethane	1.64	94	38304	19.617	ug/l 98
6) Chloroethane	1.73	64	42967	21.241	ug/l 98
7) Trichlorofluoromethane	1.93	101	108800	22.836	ug/l 98
8) Diethyl Ether	2.19	74	39416	21.935	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60619	23.577	ug/l 99
10) Methyl Iodide	2.51	142	57133	15.798	ug/l 100
11) Tert butyl alcohol	3.07	59	73395	92.450	ug/l 98
12) 1,1-Dichloroethene	2.38	96	53925	21.223	ug/l 94
13) Acrolein	2.30	56	27320	73.736	ug/l 99
14) Allyl chloride	2.73	41	105318	19.099	ug/l 98
15) Acrylonitrile	3.15	53	161720	105.739	ug/l 100
16) Acetone	2.45	43	168293	103.406	ug/l 99
17) Carbon Disulfide	2.57	76	116612	17.413	ug/l 98
18) Methyl Acetate	2.78	43	79176	21.624	ug/l 97
19) Methyl tert-butyl Ether	3.21	73	203447	21.637	ug/l 99
20) Methylene Chloride	2.86	84	61176	21.069	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	57247	20.430	ug/l 97
22) Diisopropyl ether	3.88	45	184850	19.148	ug/l 99
23) Vinyl Acetate	3.83	43	784090	87.714	ug/l 99
24) 1,1-Dichloroethane	3.70	63	109732	20.134	ug/l 100
25) 2-Butanone	4.71	43	212009	90.592	ug/l 97
26) 2,2-Dichloropropane	4.59	77	73460	17.243	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	57592	18.899	ug/l 96
28) Bromochloromethane	5.03	49	49610	19.211	ug/l 99
29) Tetrahydrofuran	5.17	42	135488	89.795	ug/l 99
30) Chloroform	5.22	83	99279	18.878	ug/l 95
31) Cyclohexane	5.58	56	87893	20.395	ug/l 99
32) 1,1,1-Trichloroethane	5.50	97	86020	19.287	ug/l 99
36) 1,1-Dichloropropene	5.81	75	73054	20.023	ug/l 99
37) Ethyl Acetate	4.87	43	83160	18.953	ug/l 99
38) Carbon Tetrachloride	5.79	117	72303	18.943	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88364	19.763	ug/l	98
40) Benzene	6.15	78	218098	19.496	ug/l	99
41) Methacrylonitrile	5.07	41	46688	18.588	ug/l	99
42) 1,2-Dichloroethane	6.20	62	86782	19.525	ug/l	99
43) Isopropyl Acetate	6.47	43	135002	18.115	ug/l	100
44) Trichloroethene	7.22	130	60441	19.467	ug/l	98
45) 1,2-Dichloropropane	7.52	63	55524	18.385	ug/l	97
46) Dibromomethane	7.66	93	38416	18.764	ug/l	98
47) Bromodichloromethane	7.90	83	66053	17.839	ug/l	98
48) Methyl methacrylate	7.78	41	70381	18.801	ug/l	99
49) 1,4-Dioxane	7.76	88	25596	365.687	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	443274	95.512	ug/l	100
52) Toluene	8.79	92	140195	19.704	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	80068	18.032	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	71838	17.148	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	56951	19.462	ug/l	99
56) Ethyl methacrylate	9.18	69	87303	18.686	ug/l	99
57) 1,3-Dichloropropane	9.38	76	95341	19.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	210185	97.201	ug/l	99
59) 2-Hexanone	9.50	43	337928	94.268	ug/l	100
60) Dibromochloromethane	9.59	129	51501	17.497	ug/l	99
61) 1,2-Dibromoethane	9.68	107	58972	19.327	ug/l	99
64) Tetrachloroethene	9.34	164	67192	19.892	ug/l	97
65) Chlorobenzene	10.14	112	160366	19.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	54770	18.560	ug/l	99
67) Ethyl Benzene	10.26	91	277942	20.379	ug/l	99
68) m/p-Xylenes	10.36	106	211430	39.879	ug/l	100
69) o-Xylene	10.70	106	104347	19.777	ug/l	100
70) Styrene	10.72	104	168932	19.586	ug/l	99
71) Bromoform	10.86	173	36515	16.318	ug/l #	99
73) Isopropylbenzene	11.02	105	283942	20.352	ug/l	100
74) N-amyl acetate	6.47	43	135002	17.958	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82949	18.904	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	93354	21.213	ug/l	80
77) Bromobenzene	11.26	156	74660	19.062	ug/l	99
78) n-propylbenzene	11.37	91	319881	20.628	ug/l	99
79) 2-Chlorotoluene	11.43	91	189018	19.304	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	237485	19.846	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18410	14.664	ug/l #	83
82) 4-Chlorotoluene	11.51	91	218978	19.375	ug/l	99
83) tert-Butylbenzene	11.77	119	236390	20.286	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	247161	20.065	ug/l	100
85) sec-Butylbenzene	11.95	105	289728	21.208	ug/l	99
86) p-Isopropyltoluene	12.07	119	257588	20.701	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	135301	19.320	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	135162	18.724	ug/l	98
89) n-Butylbenzene	12.39	91	215490	20.648	ug/l	100
90) Hexachloroethane	12.60	117	33807	17.020	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	140039	19.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16602	17.302	ug/l	98

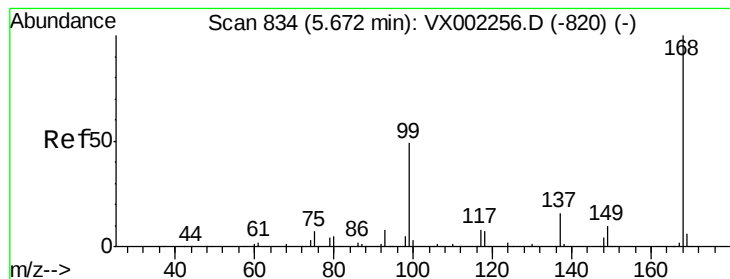
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060718\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97647	19.219	ug/l	99
94) Hexachlorobutadiene	13.79	225	53541	21.325	ug/l	98
95) Naphthalene	13.84	128	290103	19.873	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102110	19.706	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

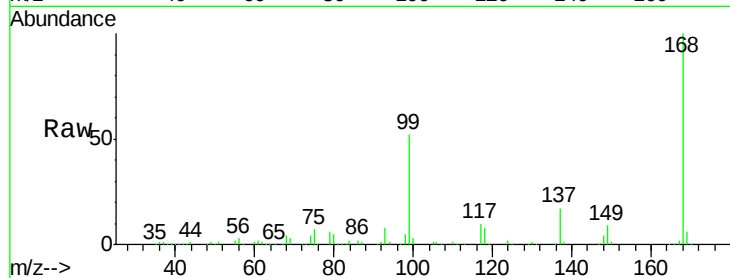
VX0607MBS01

Tot Ion:168 Resp: 238682

Ion Ratio Lower Upper

168 100

99 51.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

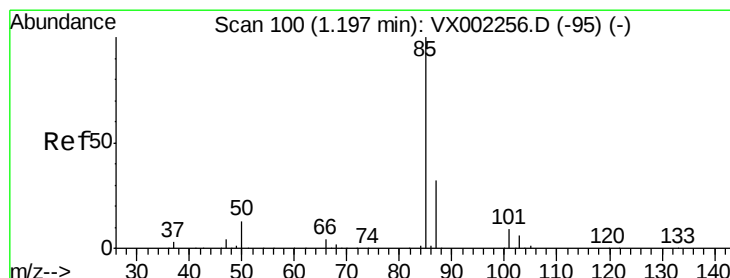
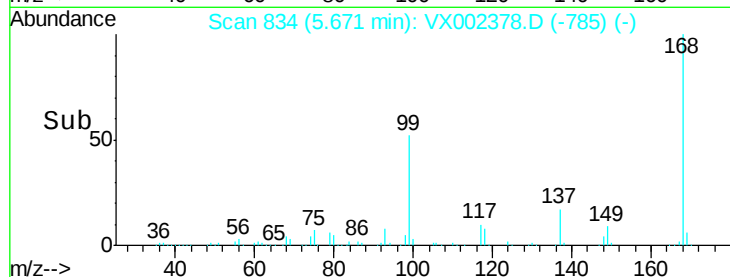
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.468 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002378.D

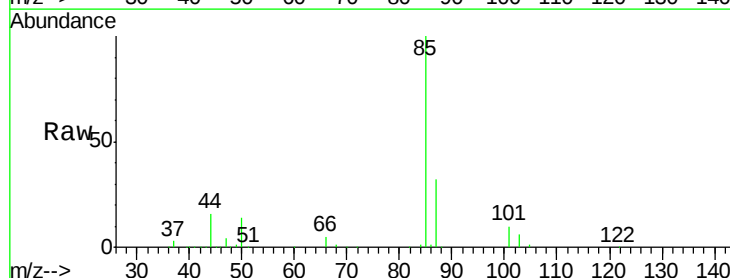
Acq: 07 Jun 2018 15:27

Tgt Ion: 85 Resp: 50784

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

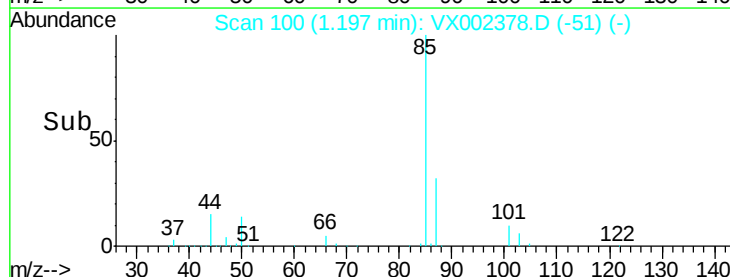
30000

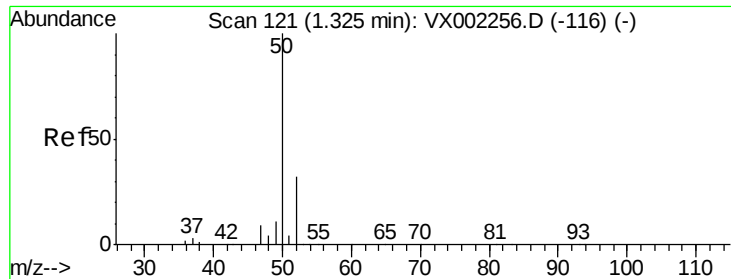
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 19.289 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

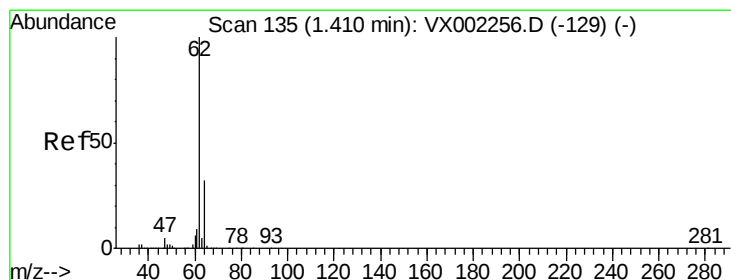
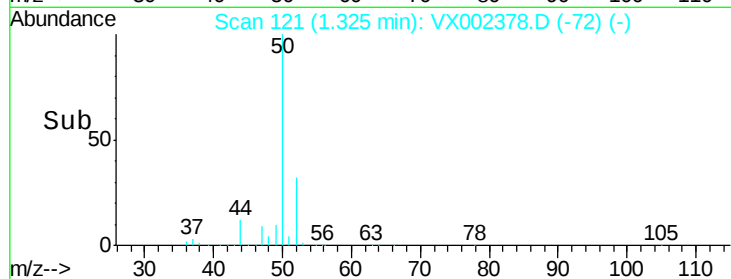
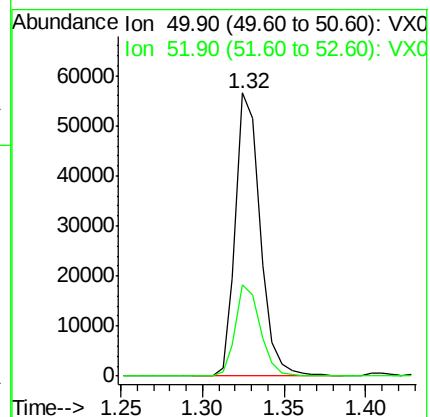
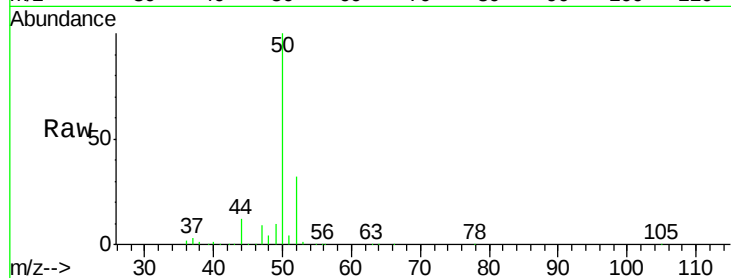
VX0607MBS01

Tot Ion: 50 Resp: 59851

Ion Ratio Lower Upper

50 100

52 32.4 25.7 38.5



#4

Vinyl Chloride

Concen: 20.580 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002378.D

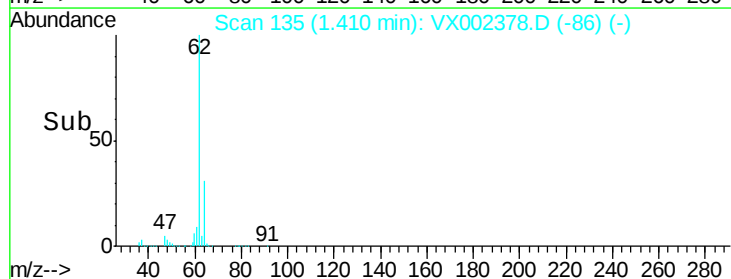
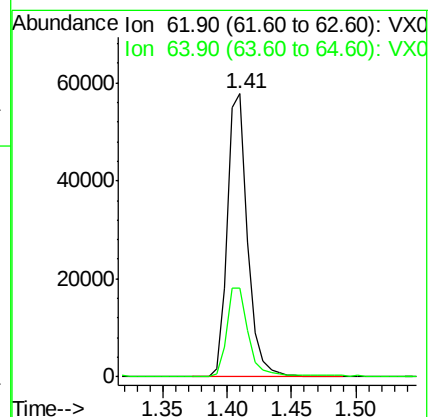
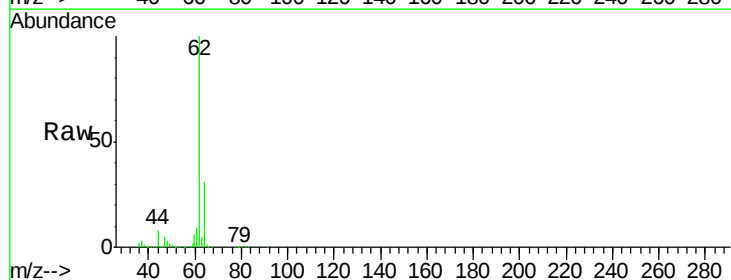
Acq: 07 Jun 2018 15:27

Tgt Ion: 62 Resp: 64356

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.2





#5

Bromomethane

Concen: 19.617 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

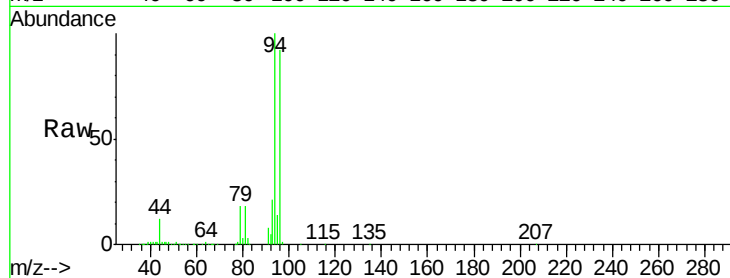
VX0607MBS01

Tot Ion: 94 Resp: 38304

Ion Ratio Lower Upper

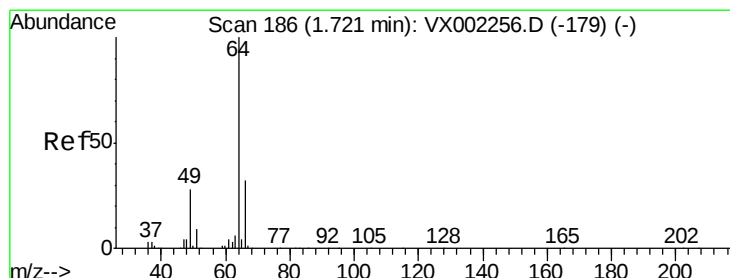
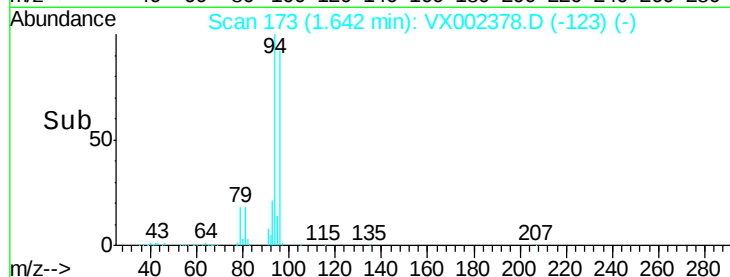
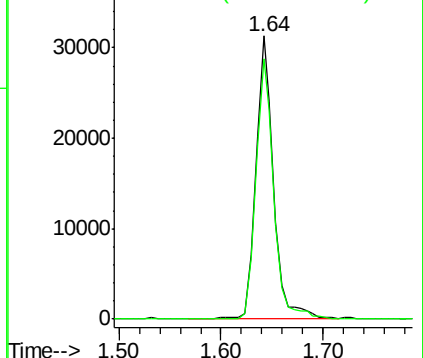
94 100

96 92.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.241 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002378.D

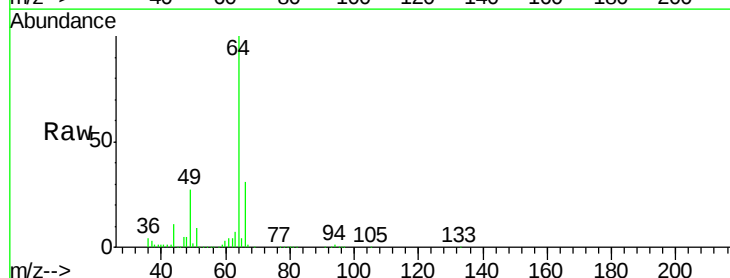
Acq: 07 Jun 2018 15:27

Tgt Ion: 64 Resp: 42967

Ion Ratio Lower Upper

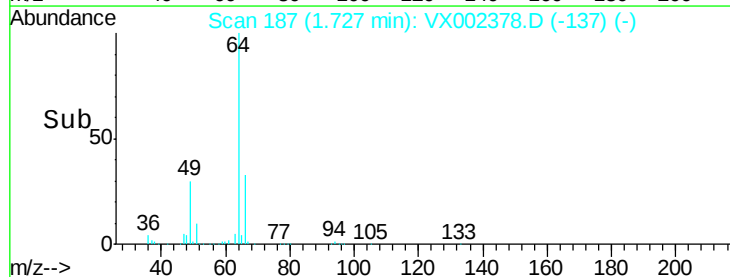
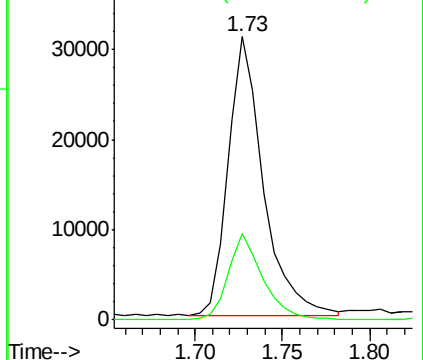
64 100

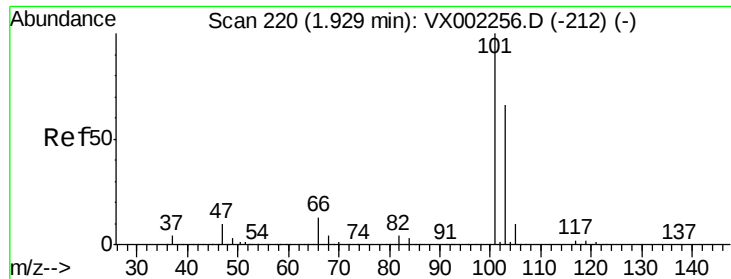
66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



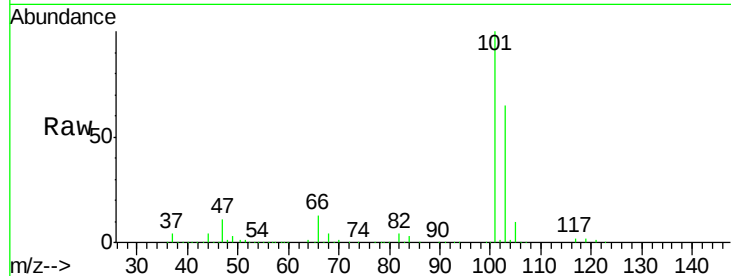


#7

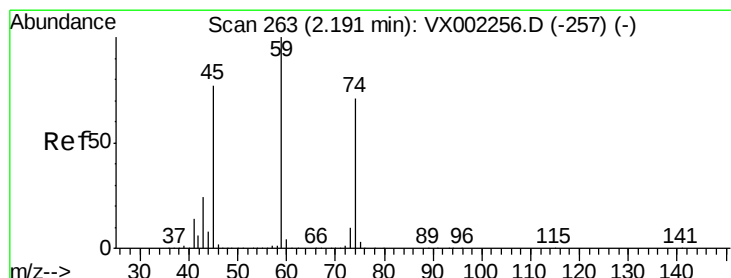
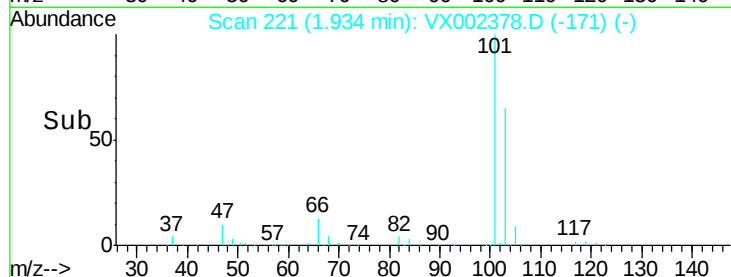
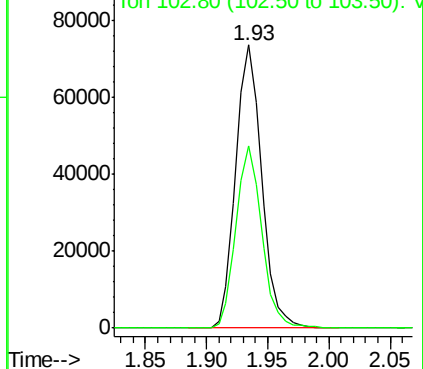
Trichlorofluoromethane
Concen: 22.836 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion:101 Resp: 108800
Ion Ratio Lower Upper
101 100
103 64.6 52.8 79.2



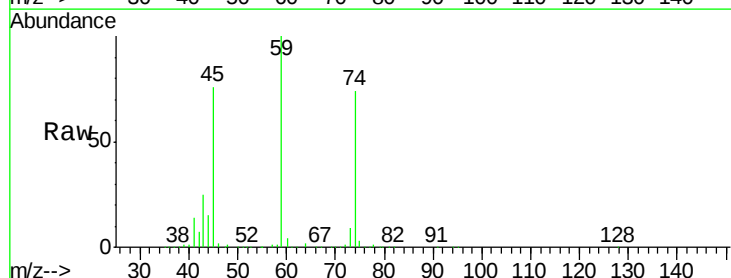
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



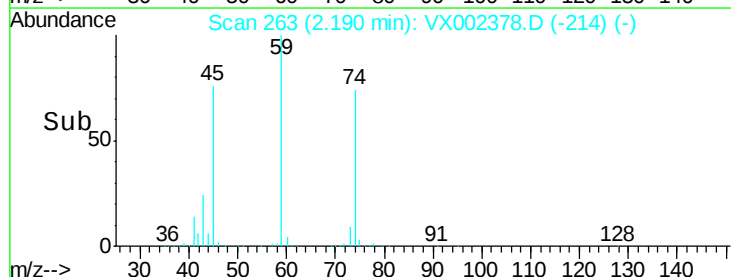
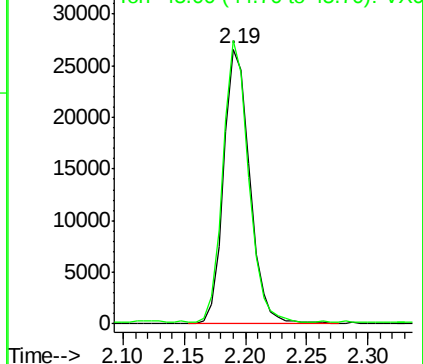
#8

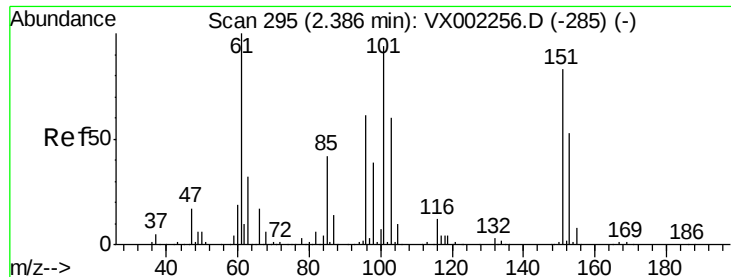
Diethyl Ether
Concen: 21.935 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 74 Resp: 39416
Ion Ratio Lower Upper
74 100
45 100.3 53.1 159.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.577 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

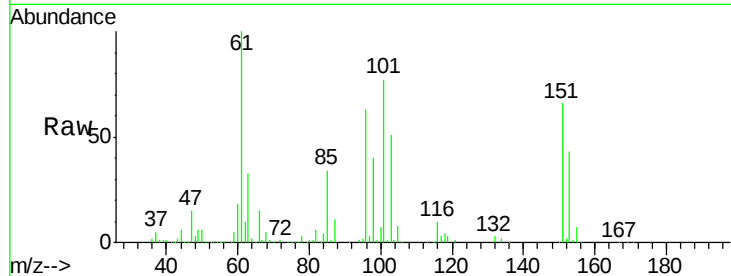
Tot Ion:101 Resp: 60619

Ion Ratio Lower Upper

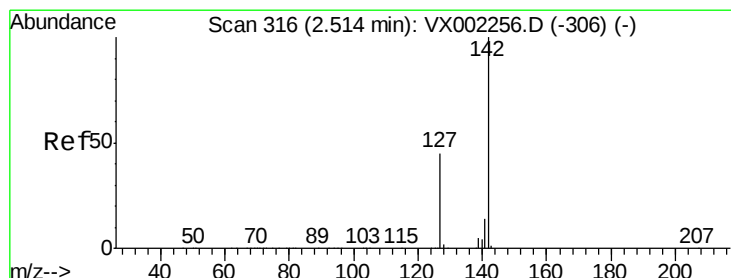
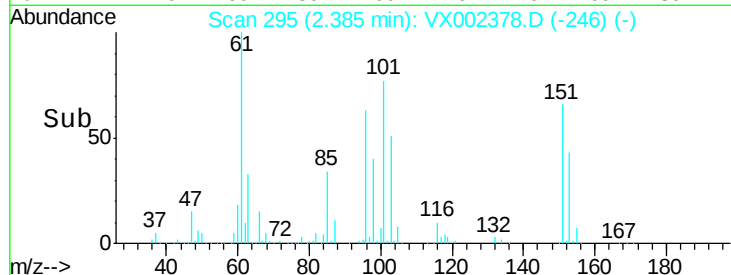
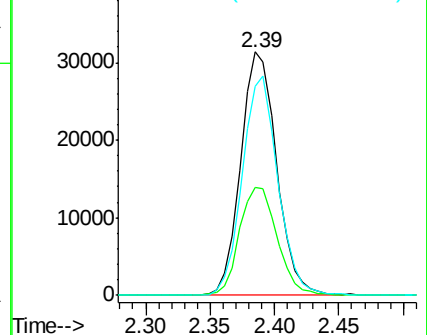
101 100

85 46.7 36.0 54.0

151 89.0 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.798 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

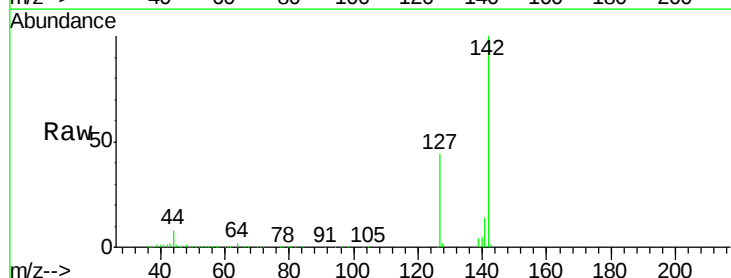
Tgt Ion:142 Resp: 57133

Ion Ratio Lower Upper

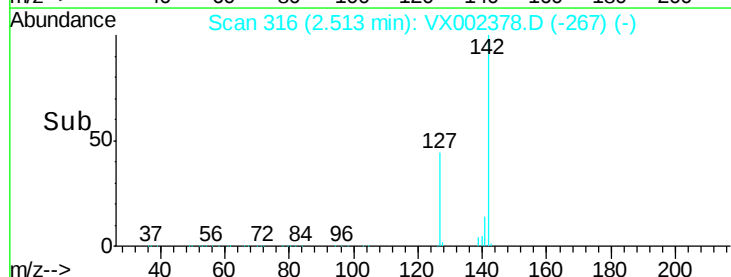
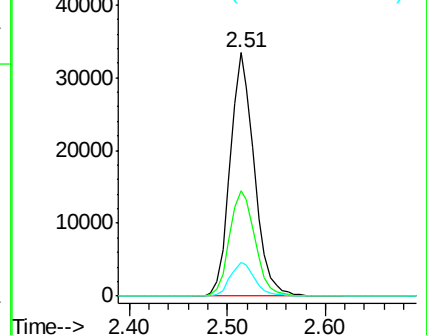
142 100

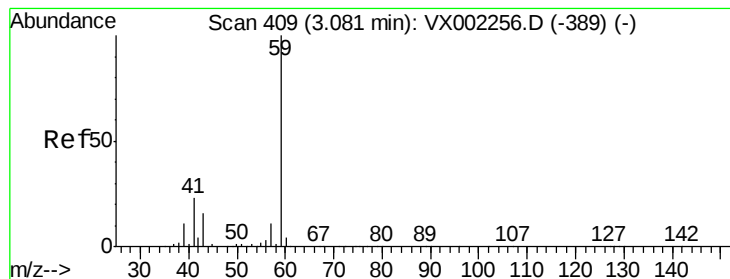
127 45.9 36.6 55.0

141 14.2 11.3 16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



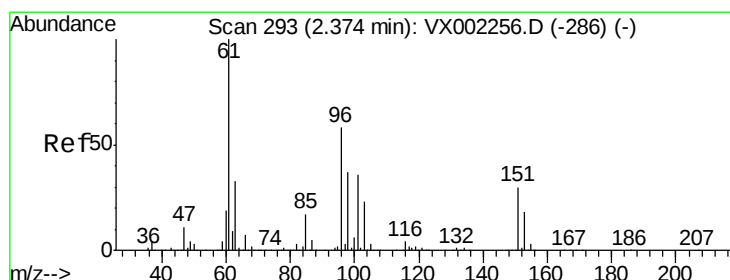
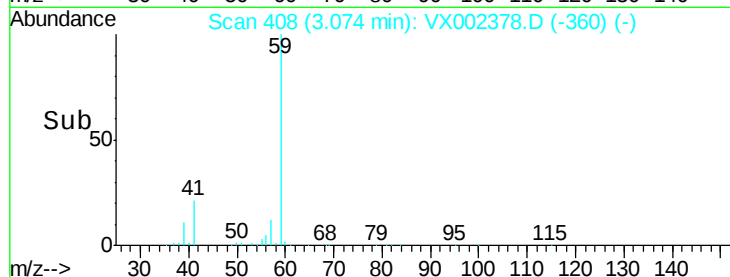
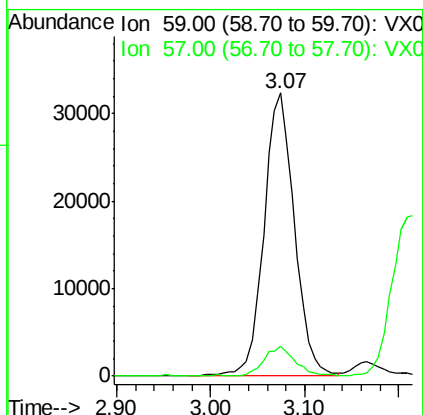
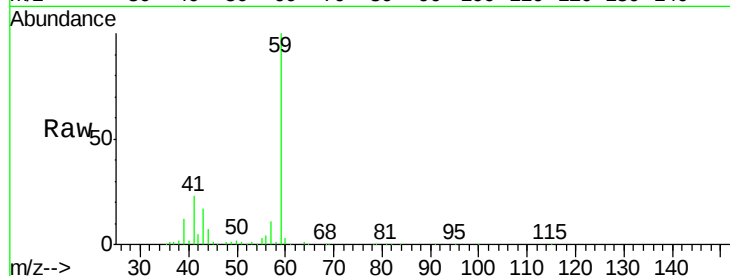


#11

Tert butyl alcohol
Concen: 92.450 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

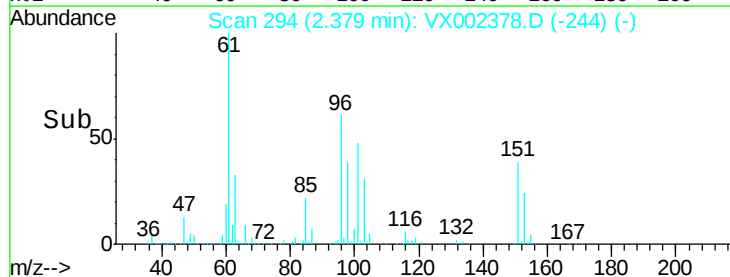
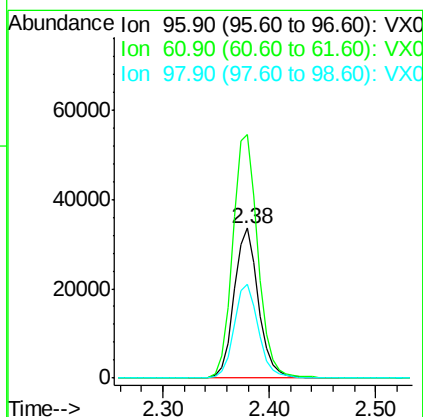
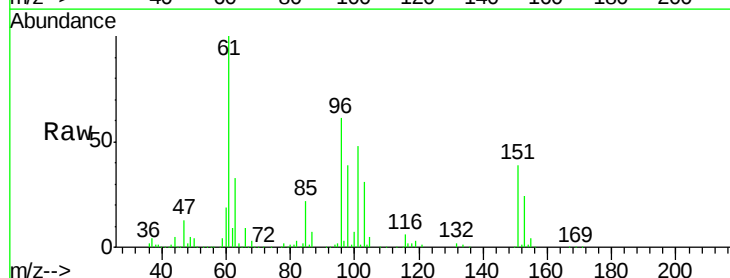
Tot Ion: 59 Resp: 73395
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2

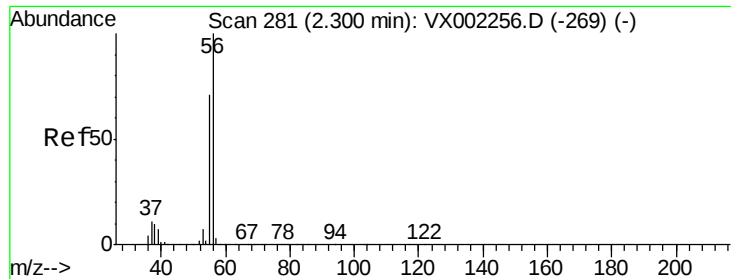


#12

1,1-Dichloroethene
Concen: 21.223 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 96 Resp: 53925
Ion Ratio Lower Upper
96 100
61 162.6 137.9 206.9
98 62.8 51.6 77.4





#13

Acrolein

Concen: 73.736 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

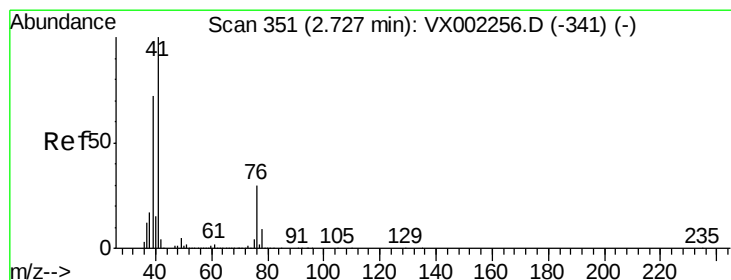
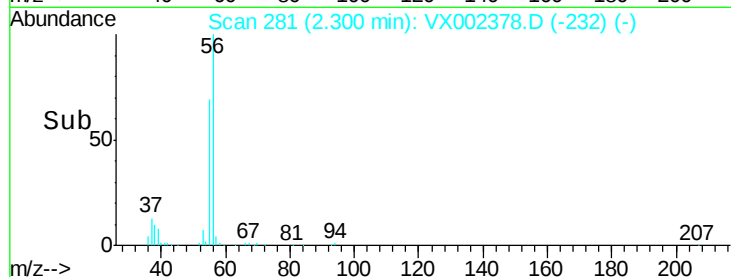
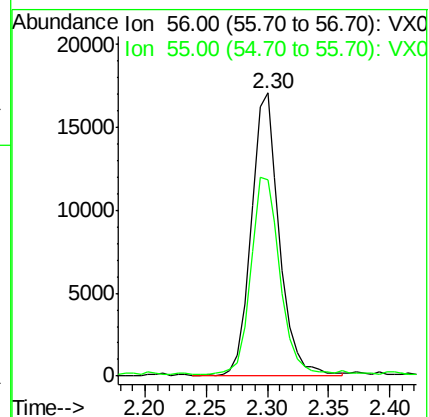
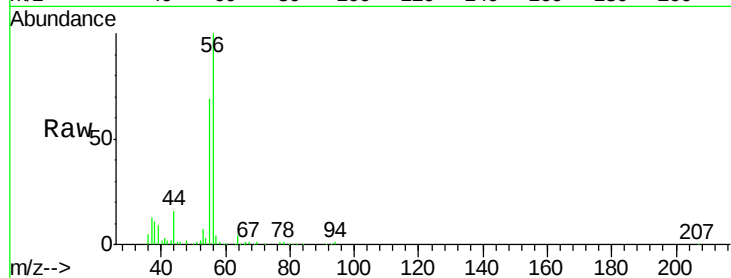
VX0607MBS01

Tot Ion: 56 Resp: 27320

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 19.099 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

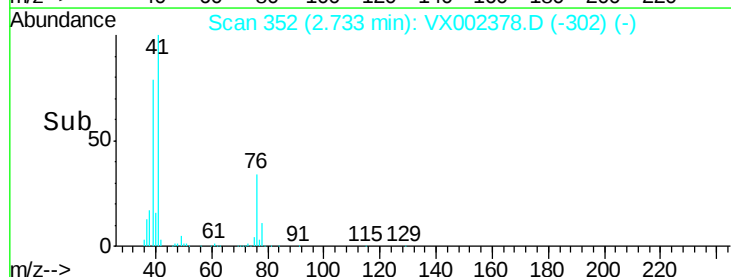
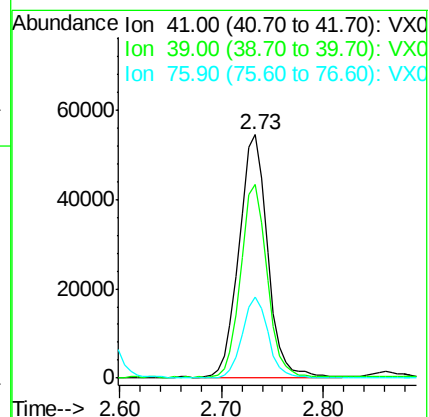
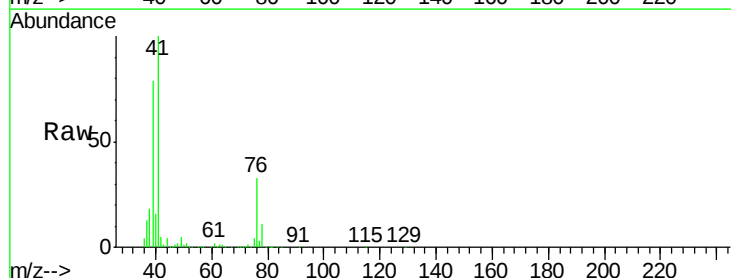
Tgt Ion: 41 Resp: 105318

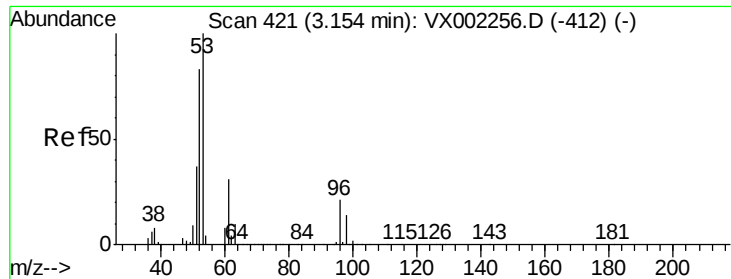
Ion Ratio Lower Upper

41 100

39 72.9 56.8 85.2

76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 105.739 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

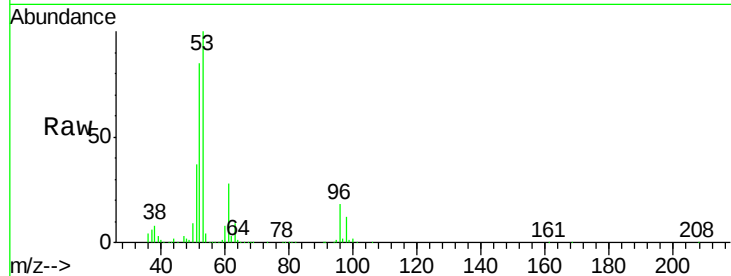
Tot Ion: 53 Resp: 161720

Ion Ratio Lower Upper

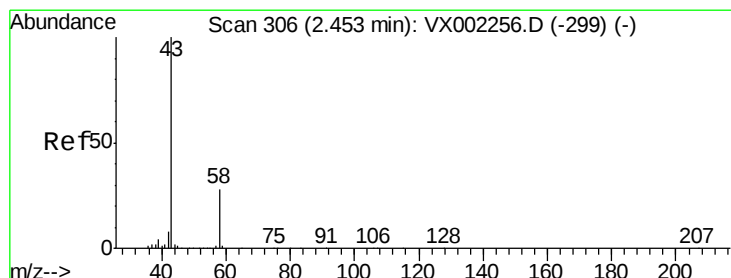
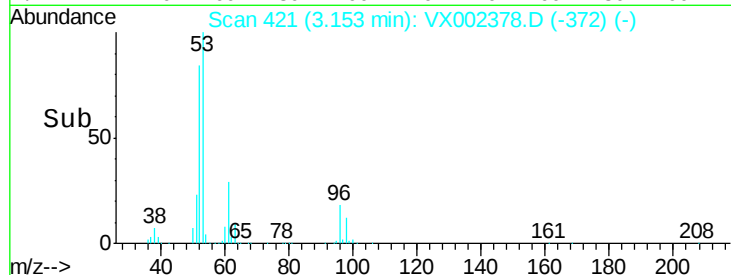
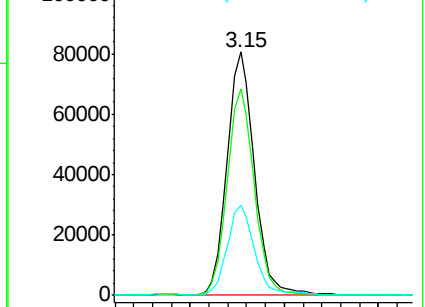
53 100

52 83.9 66.7 100.1

51 37.5 29.9 44.9



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



#16

Acetone

Concen: 103.406 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002378.D

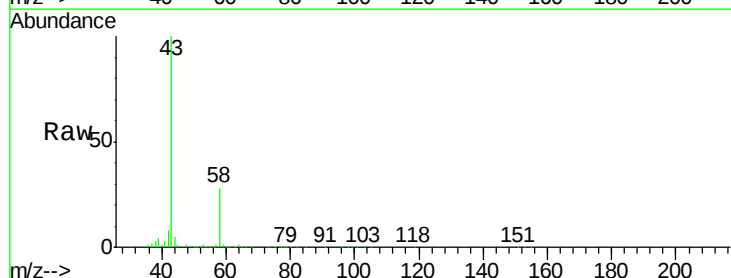
Acq: 07 Jun 2018 15:27

Tgt Ion: 43 Resp: 168293

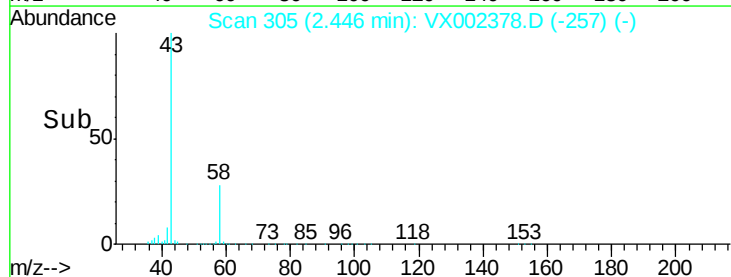
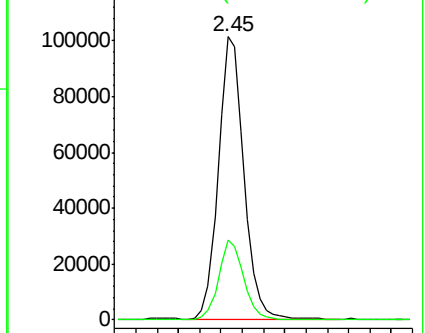
Ion Ratio Lower Upper

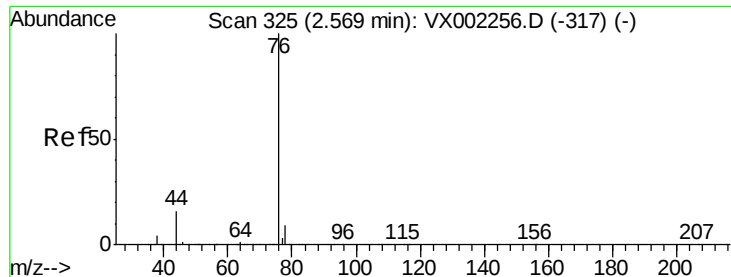
43 100

58 28.0 22.1 33.1



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

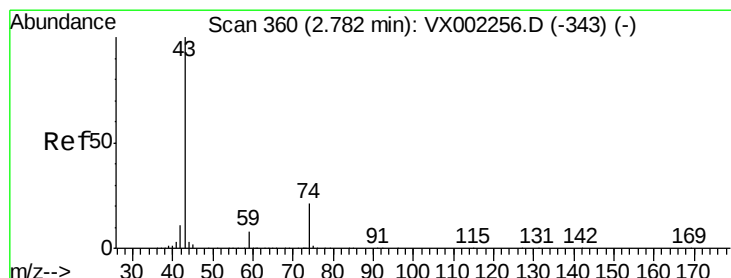
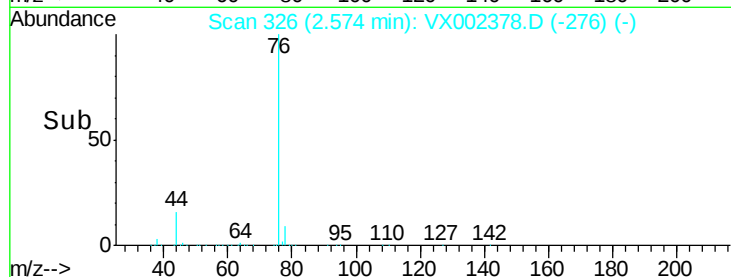
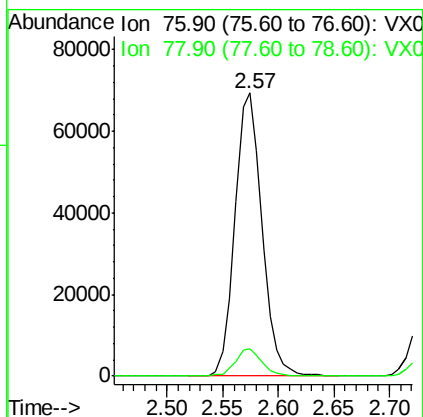
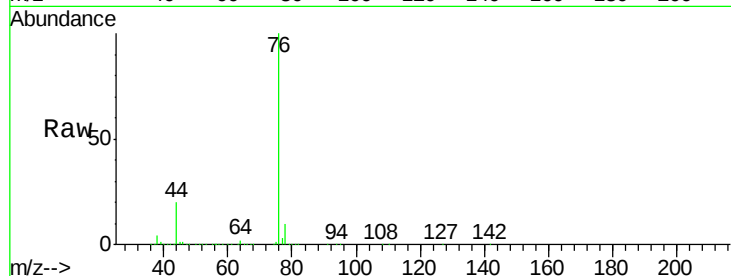




#17
Carbon Disulfide
Concen: 17.413 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

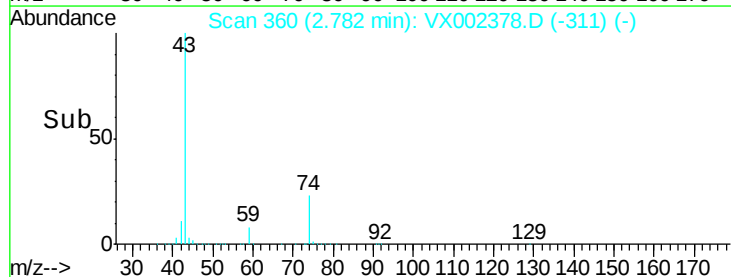
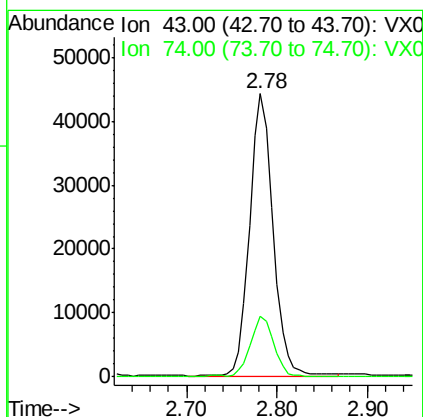
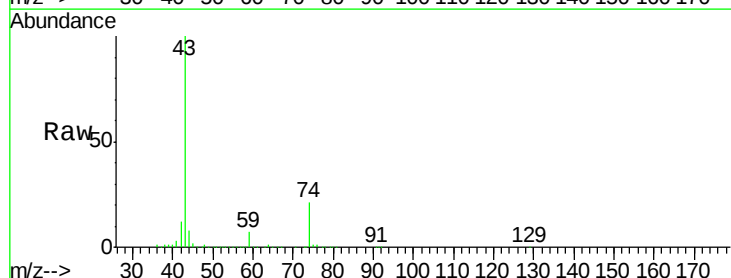
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

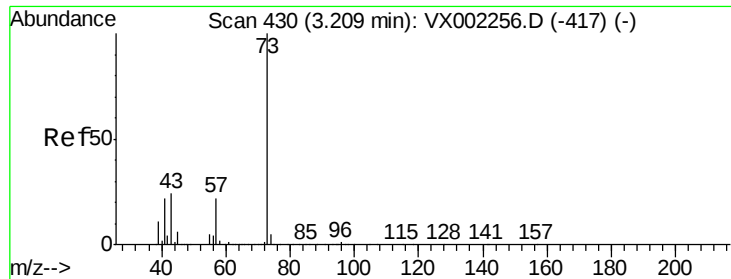
Tot Ion: 76 Resp: 116612
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 21.624 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 43 Resp: 79176
Ion Ratio Lower Upper
43 100
74 22.1 16.7 25.1

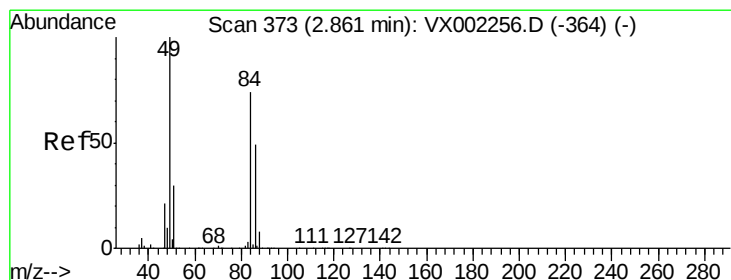
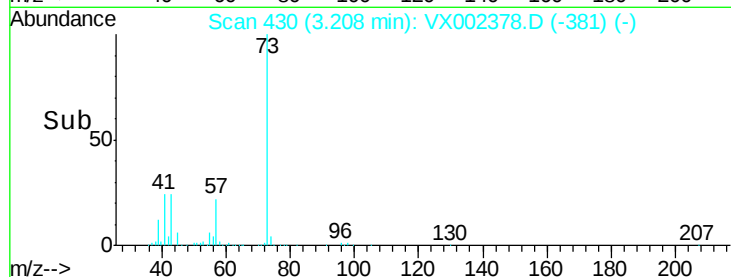
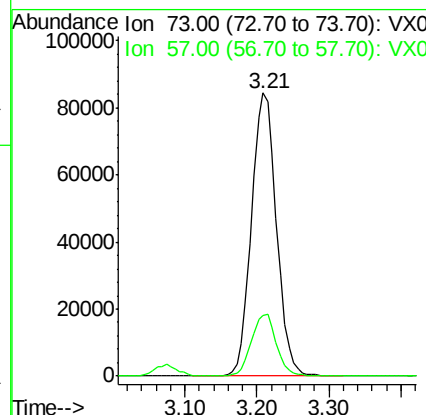
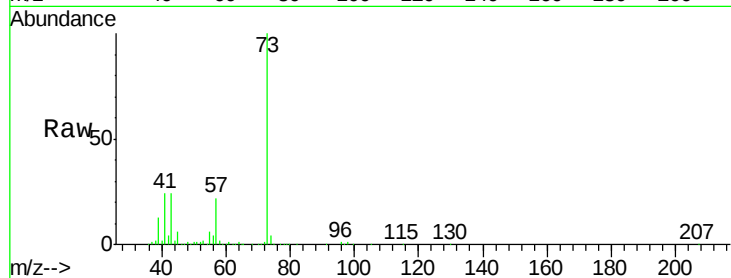




#19
Methyl tert-butyl Ether
Concen: 21.637 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

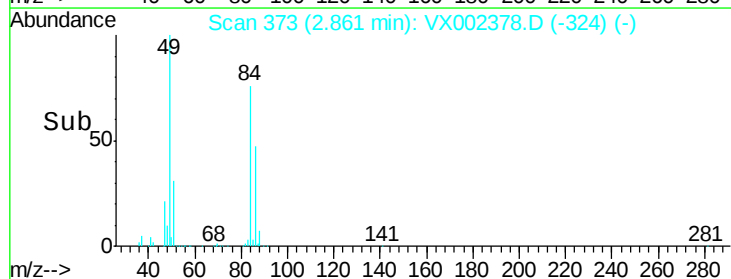
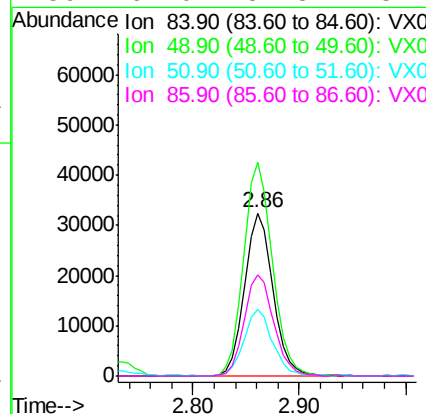
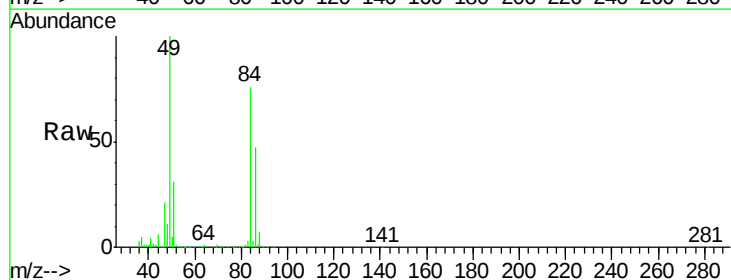
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

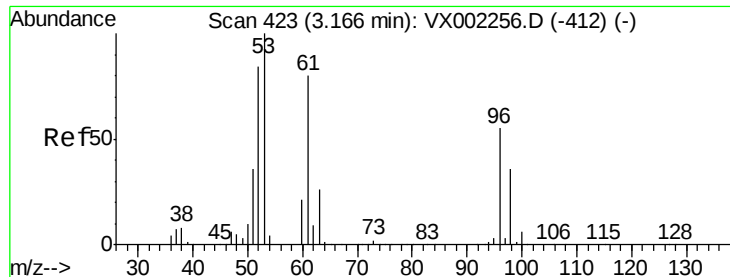
Tot Ion: 73 Resp: 203447
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 21.069 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 84 Resp: 61176
Ion Ratio Lower Upper
84 100
49 130.7 107.8 161.6
51 40.6 32.8 49.2
86 62.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.430 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

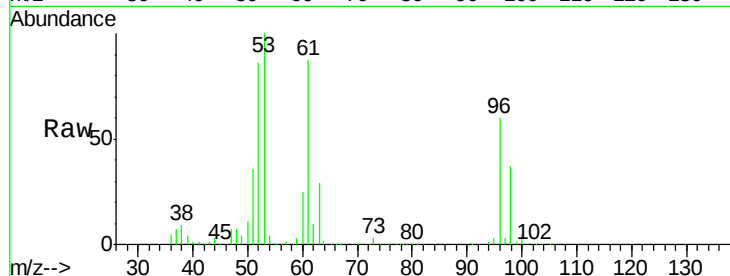
Tot Ion: 96 Resp: 57247

Ion Ratio Lower Upper

96 100

61 143.6 117.0 175.4

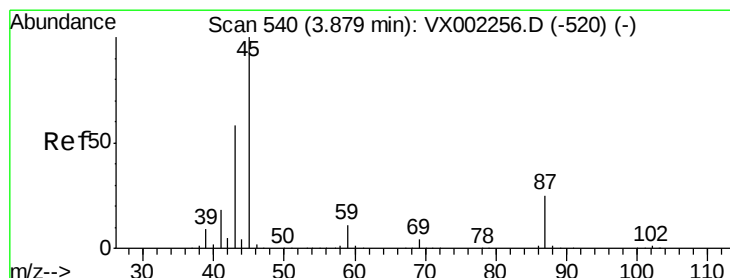
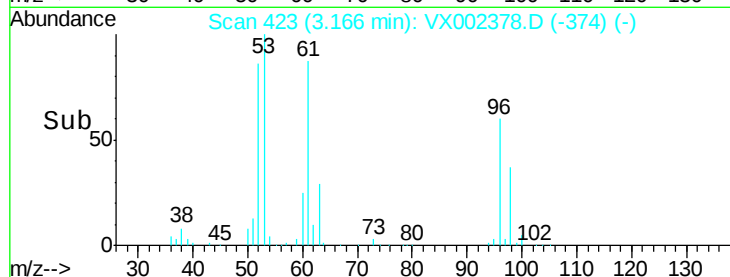
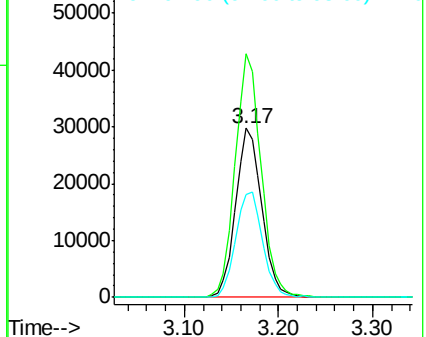
98 60.9 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.148 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Tgt Ion: 45 Resp: 184850

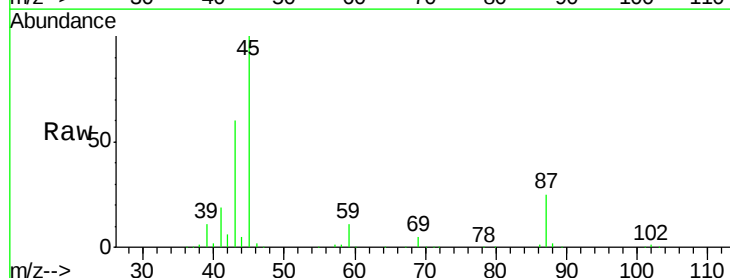
Ion Ratio Lower Upper

45 100

43 60.0 46.8 70.2

87 25.3 20.2 30.4

59 11.0 8.7 13.1

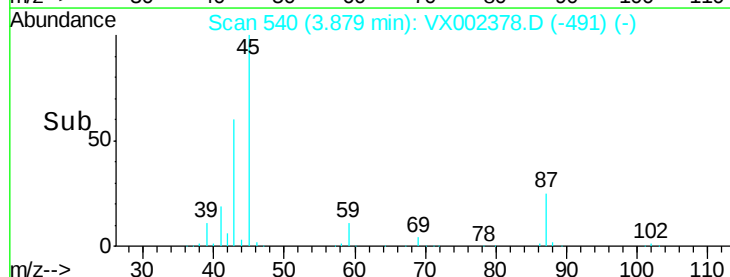
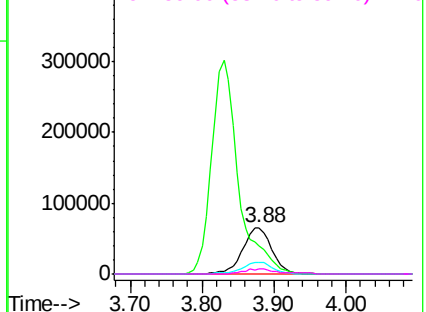


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 87.714 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

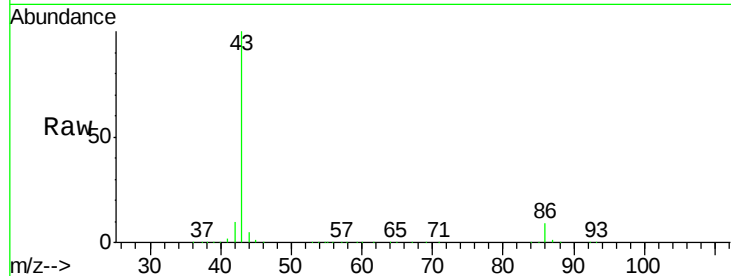
VX0607MBS01

Tot Ion: 43 Resp: 784090

Ion Ratio Lower Upper

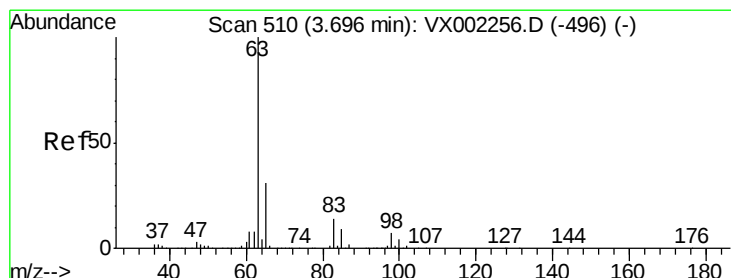
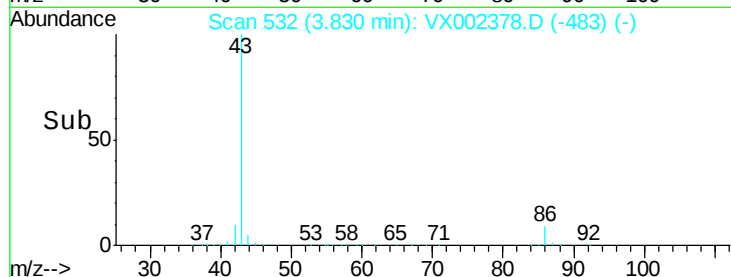
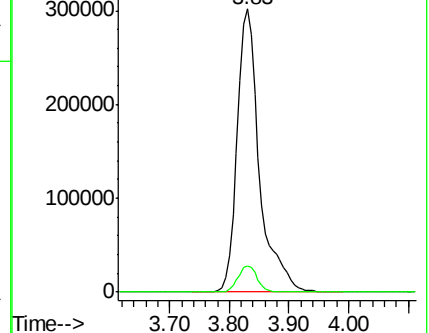
43 100

86 9.0 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.134 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

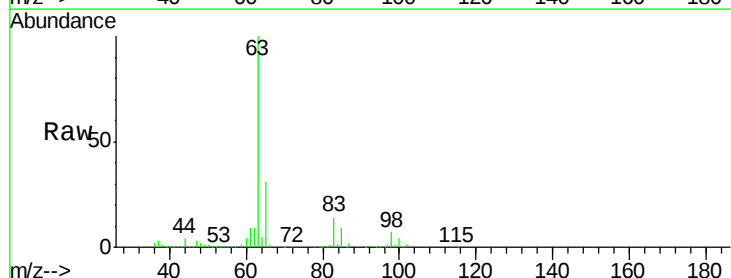
Tgt Ion: 63 Resp: 109732

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

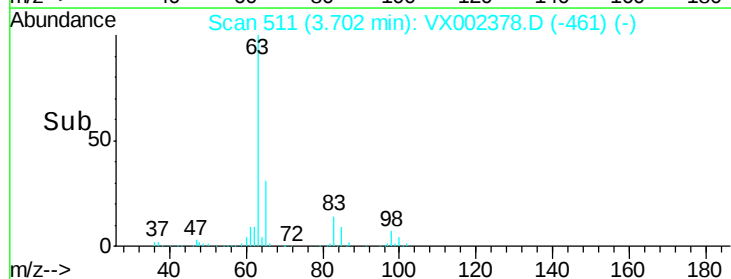
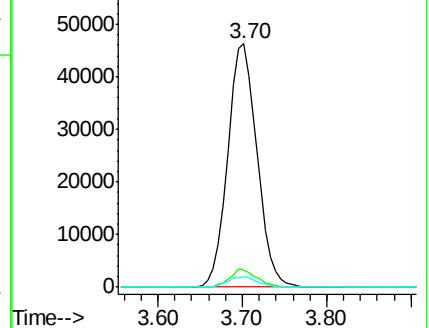
100 4.1 2.0 6.0

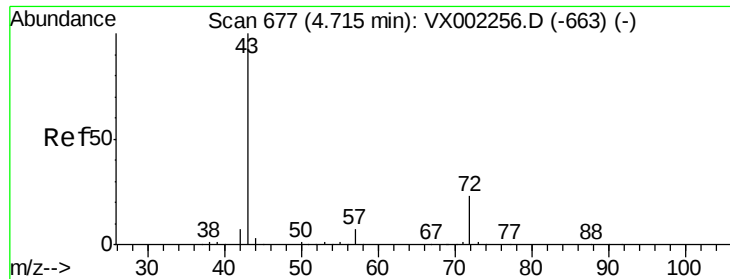


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 90.592 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

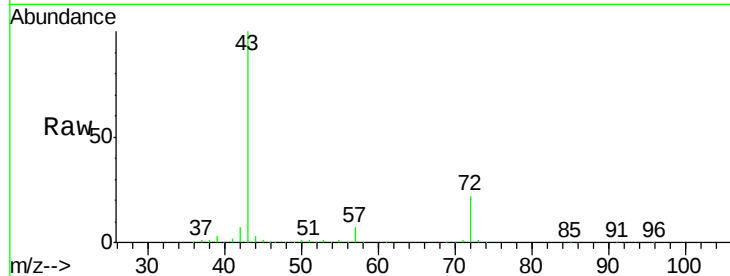
VX0607MBS01

Tot Ion: 43 Resp: 212009

Ion Ratio Lower Upper

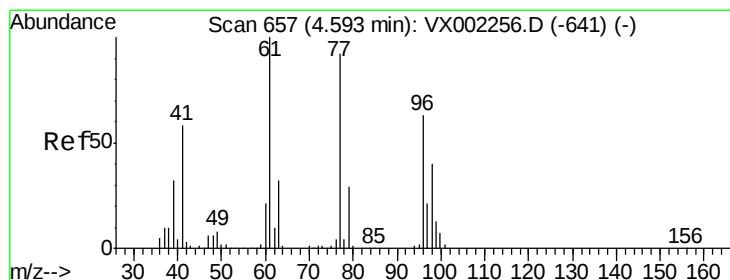
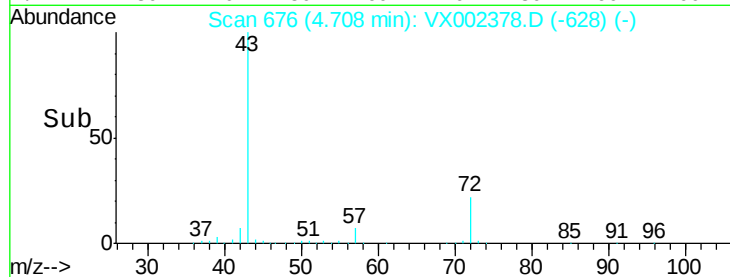
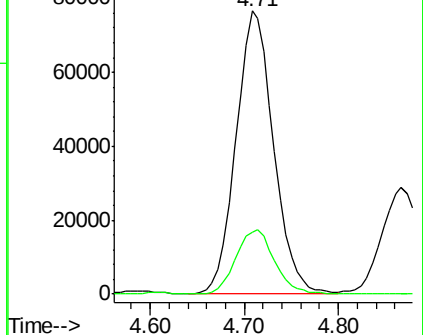
43 100

72 21.9 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: 17.243 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002378.D

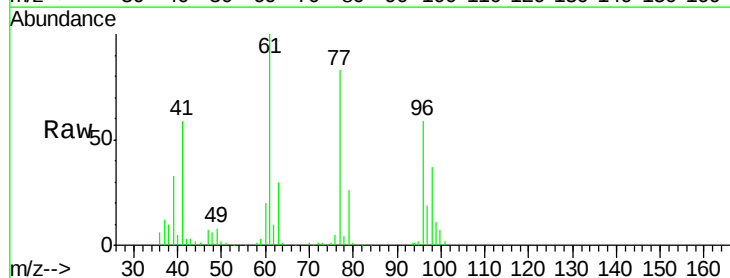
Acq: 07 Jun 2018 15:27

Tgt Ion: 77 Resp: 73460

Ion Ratio Lower Upper

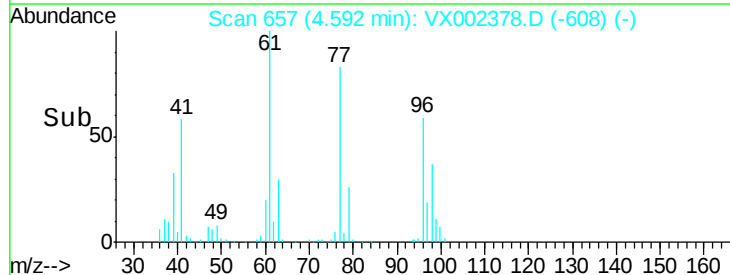
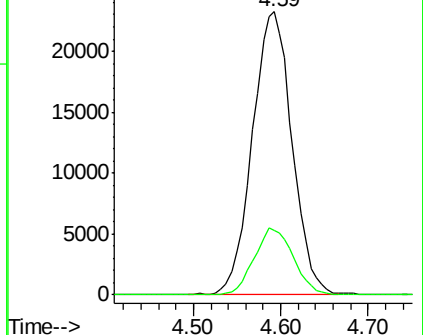
77 100

97 23.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



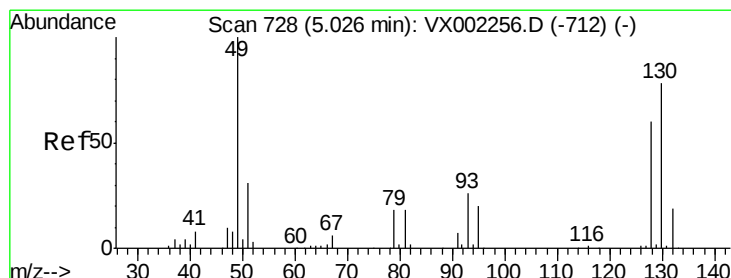
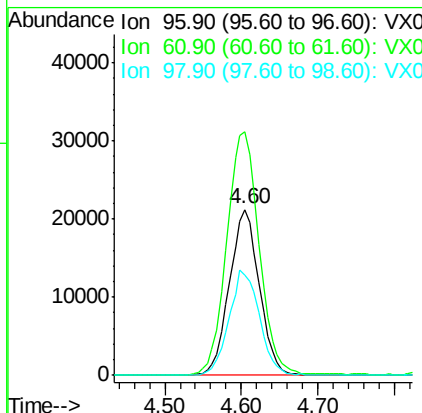
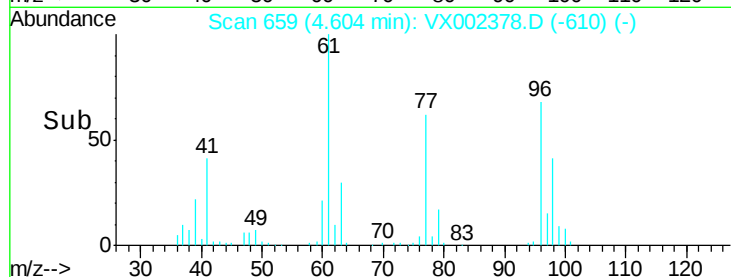
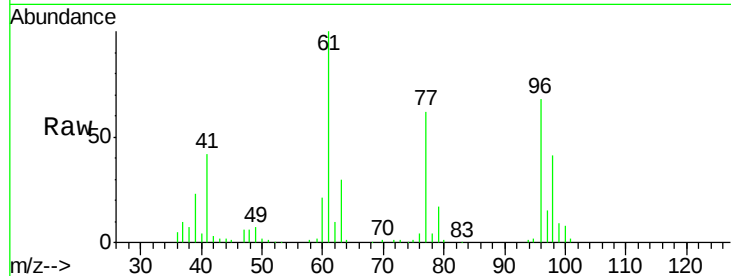


#27

cis-1,2-Dichloroethene
 Concen: 18.899 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

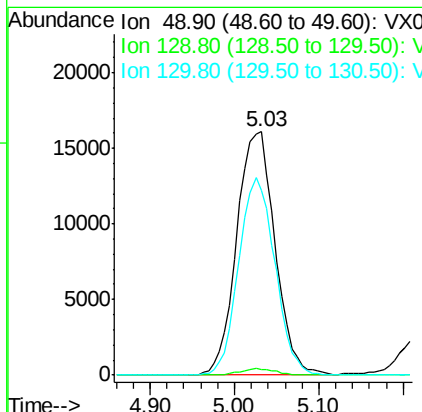
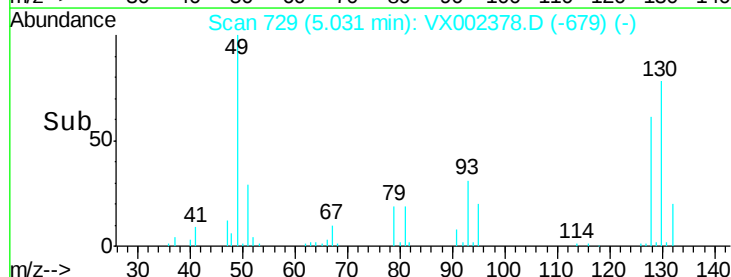
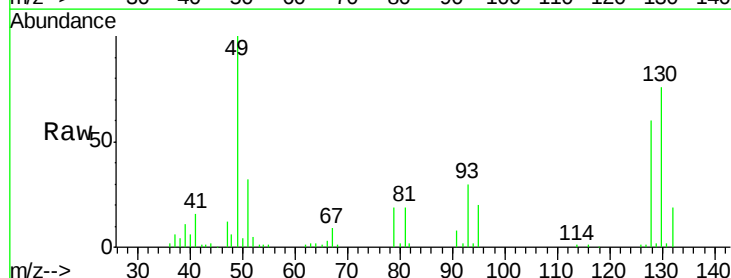
Tot Ion: 96 Resp: 57592
 Ion Ratio Lower Upper
 96 100
 61 158.9 0.0 330.2
 98 63.9 0.0 130.2

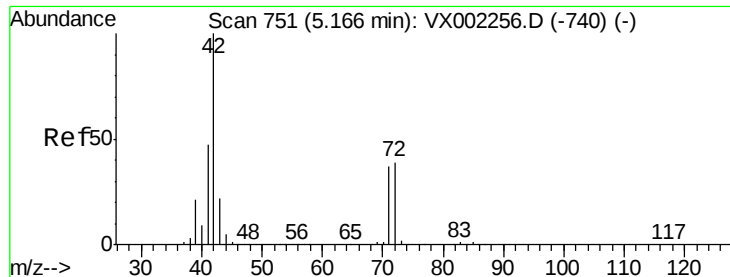


#28

Bromochloromethane
 Concen: 19.211 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.01 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion: 49 Resp: 49610
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 76.9 61.2 91.8

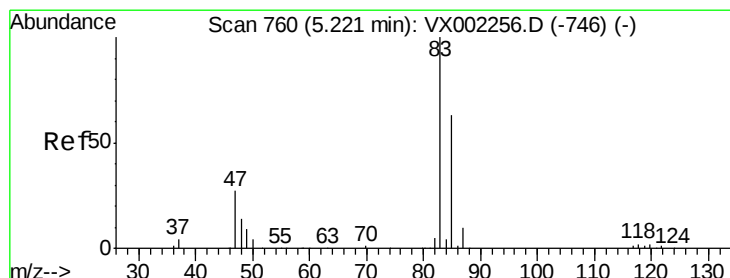
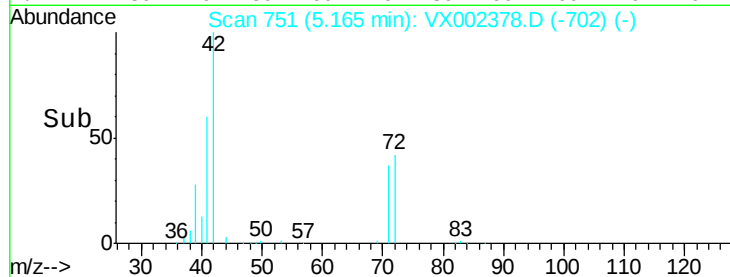
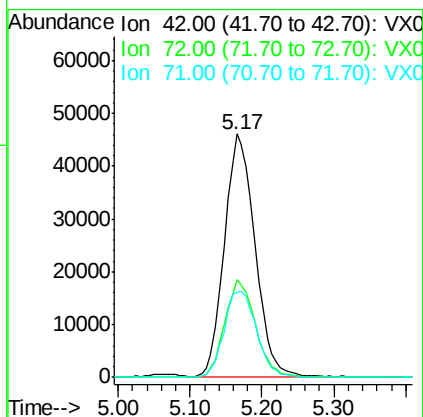
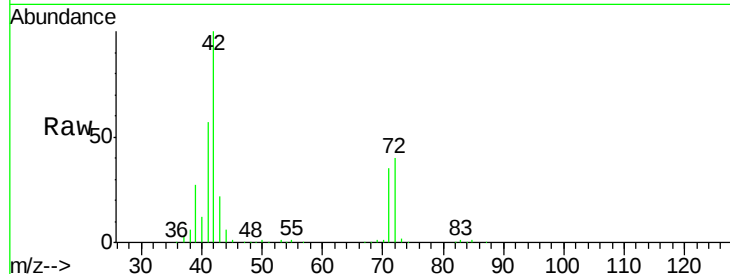




#29
Tetrahydrofuran
Concen: 89.795 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

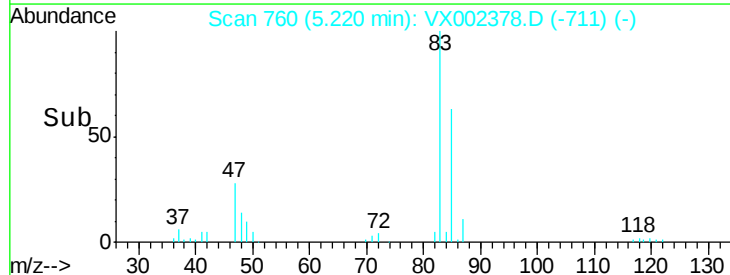
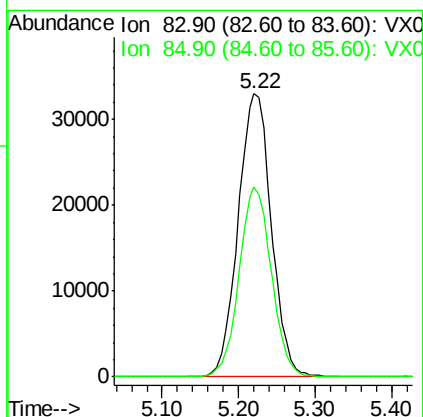
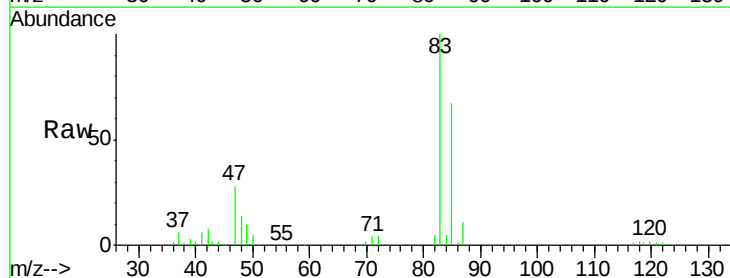
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion: 42 Resp: 135488
Ion Ratio Lower Upper
42 100
72 40.5 32.0 48.0
71 37.8 30.1 45.1



#30
Chloroform
Concen: 18.878 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 83 Resp: 99279
Ion Ratio Lower Upper
83 100
85 67.2 50.4 75.6





#31

Cvclohexane

Concen: 20.395 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

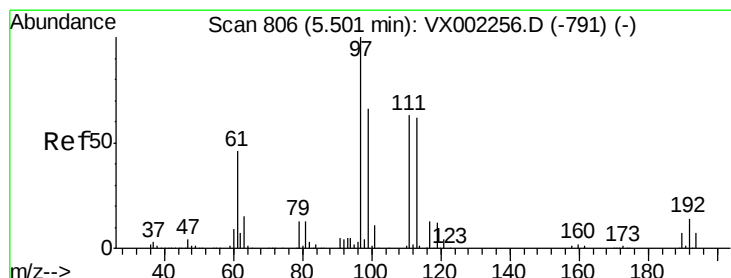
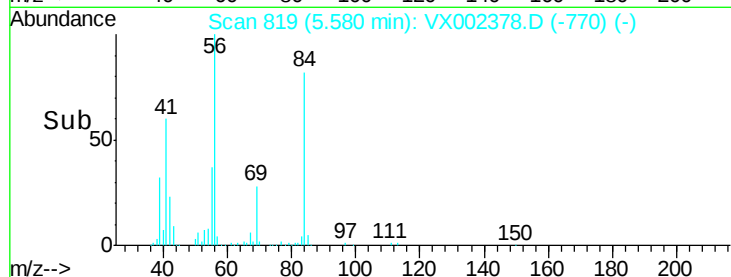
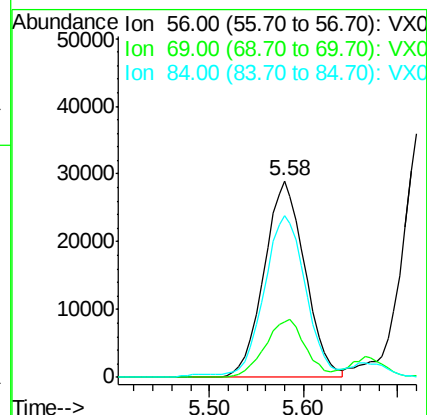
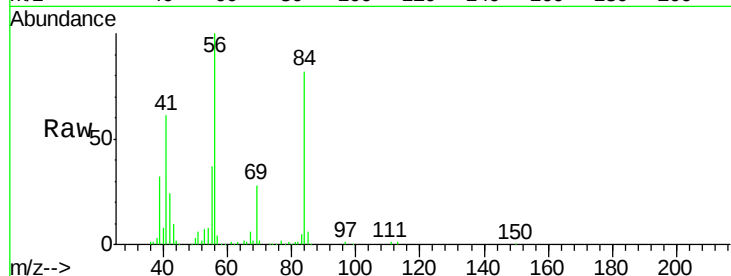
Tot Ion: 56 Resp: 87893

Ion Ratio Lower Upper

56 100

69 28.4 23.7 35.5

84 80.6 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 19.287 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

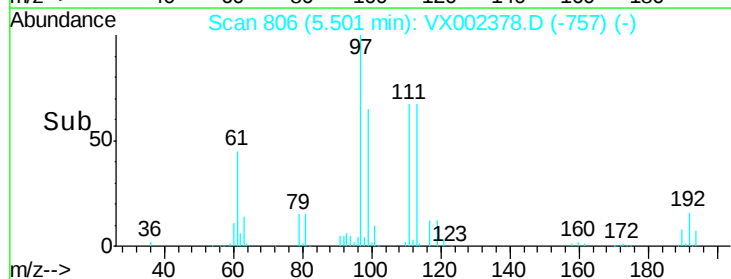
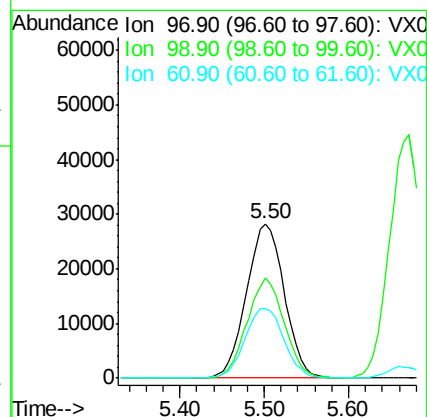
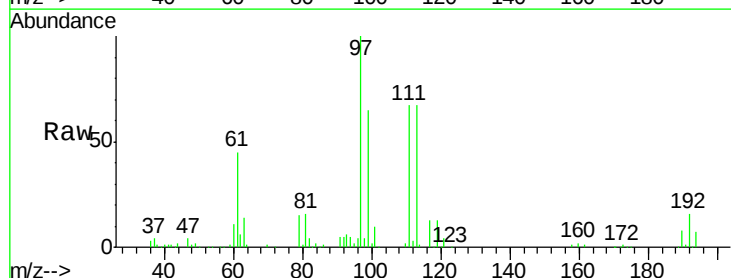
Tgt Ion: 97 Resp: 86020

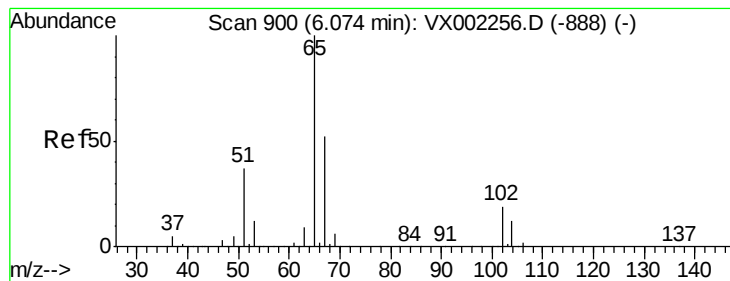
Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

61 46.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 20.468 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

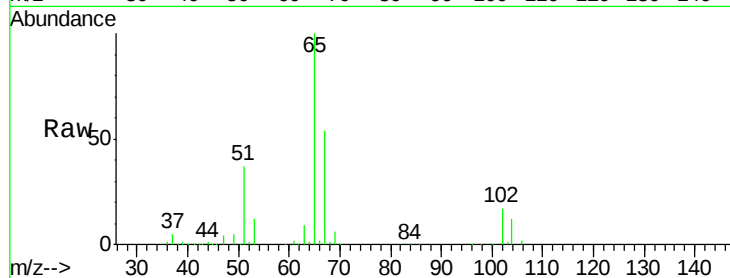
VX0607MBS01

Tot Ion: 65 Resp: 76832

Ion Ratio Lower Upper

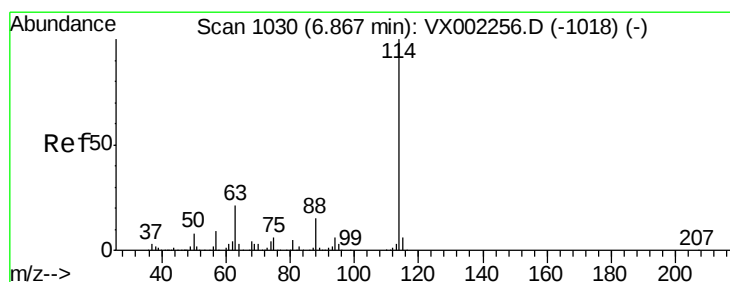
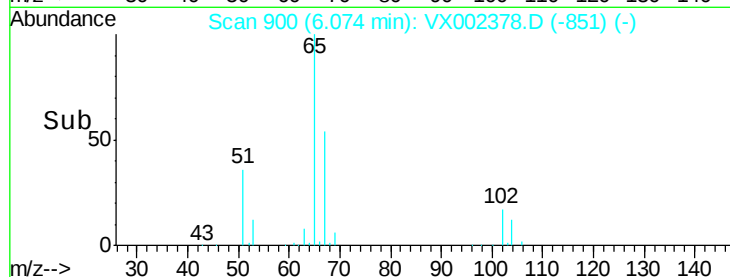
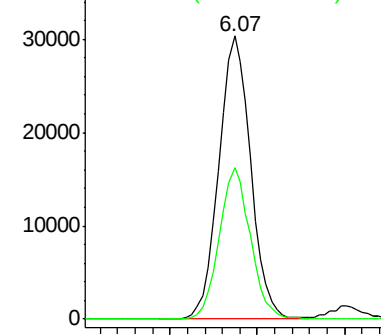
65 100

67 52.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

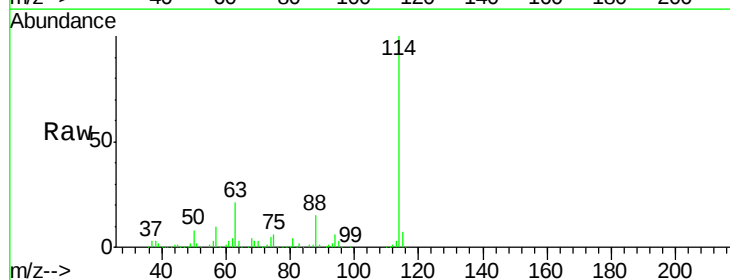
Tgt Ion: 114 Resp: 347049

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

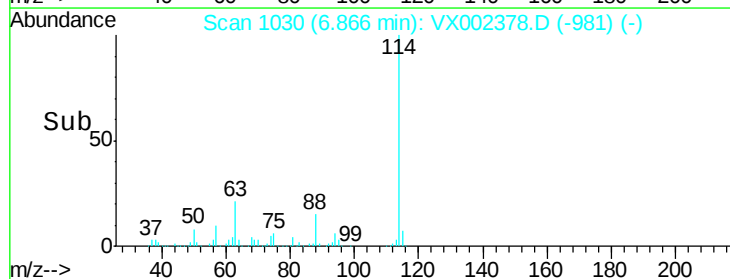
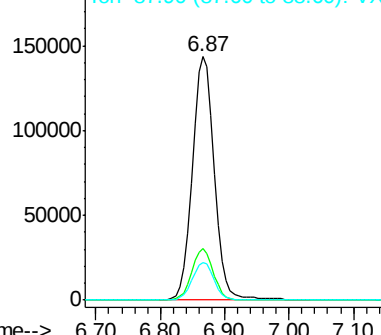
88 15.2 0.0 30.0

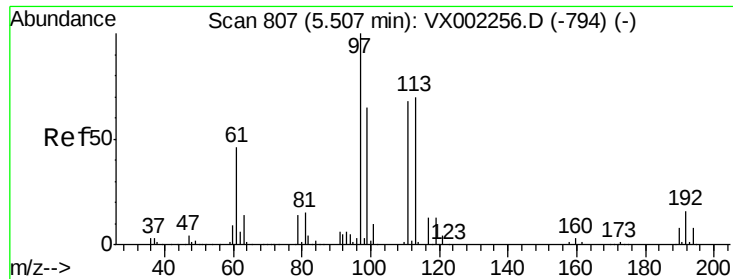


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

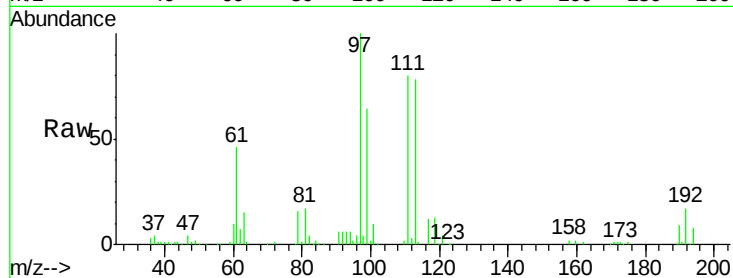




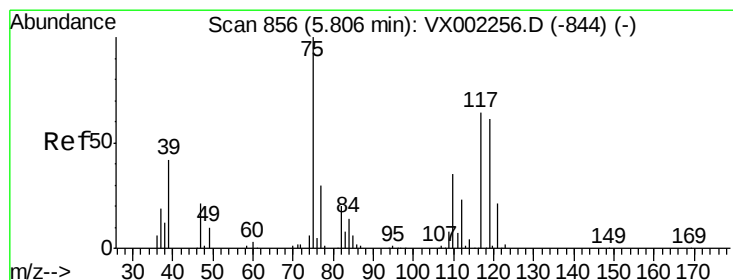
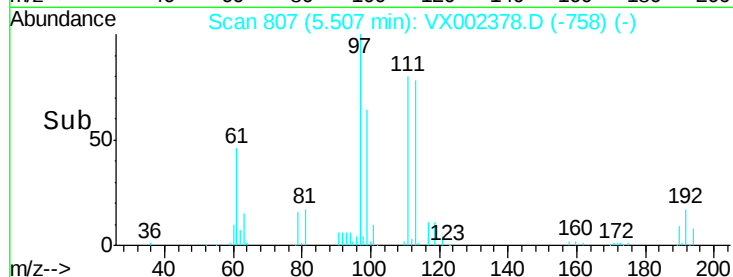
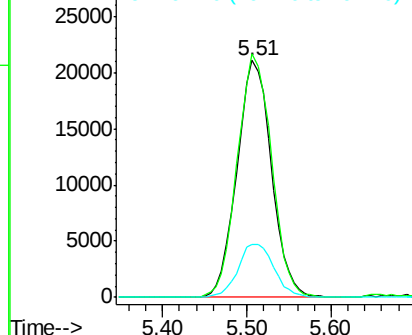
#35
 Dibromofluoromethane
 Concen: 21.390 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tot Ion:113 Resp: 58378
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 23.5 19.1 28.7

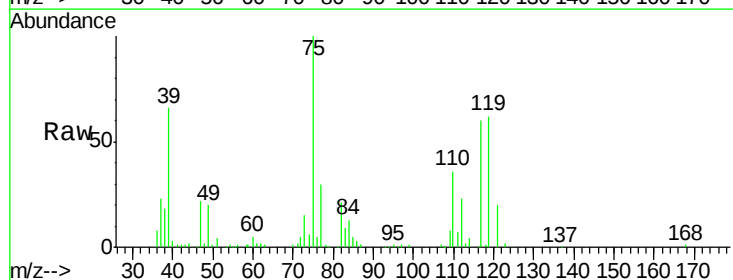


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

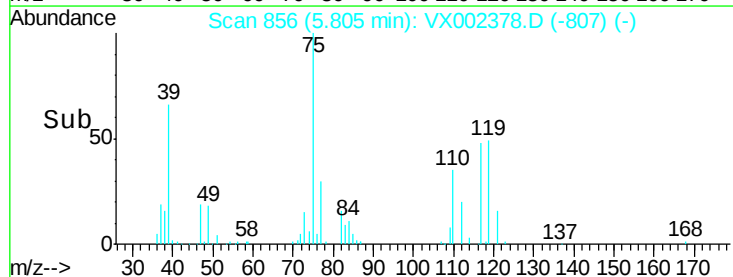
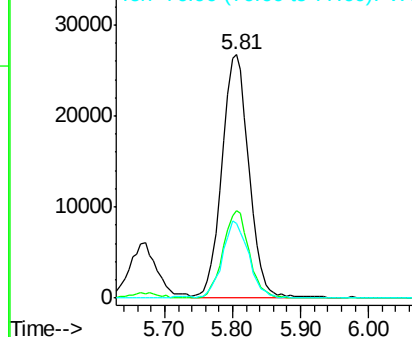


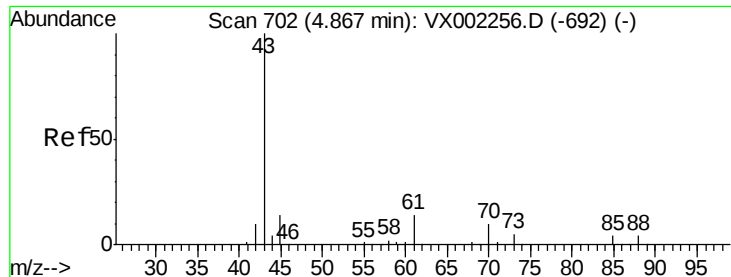
#36
 1,1-Dichloropropene
 Concen: 20.023 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion: 75 Resp: 73054
 Ion Ratio Lower Upper
 75 100
 110 35.1 18.1 54.4
 77 30.3 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

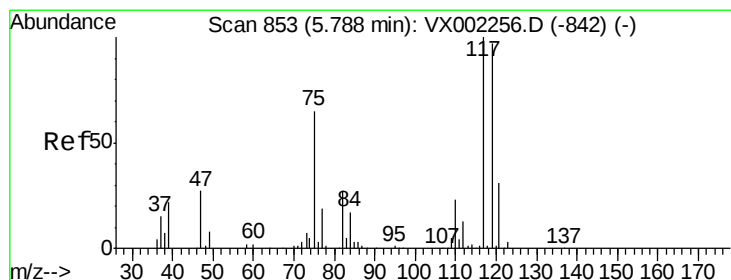
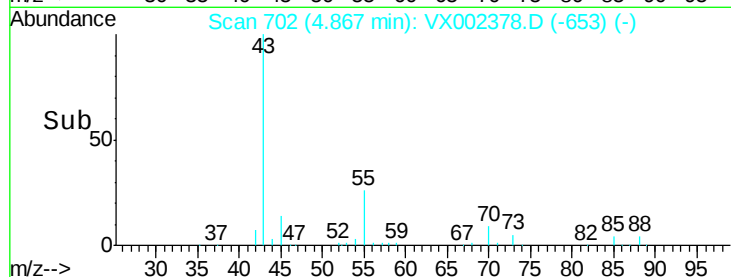
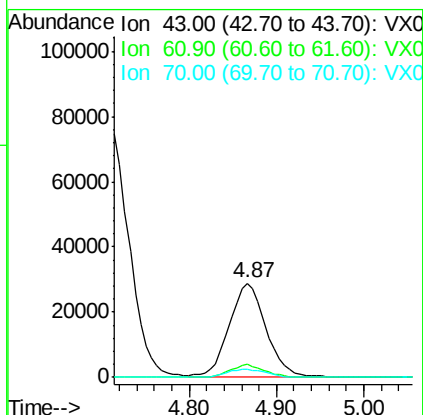
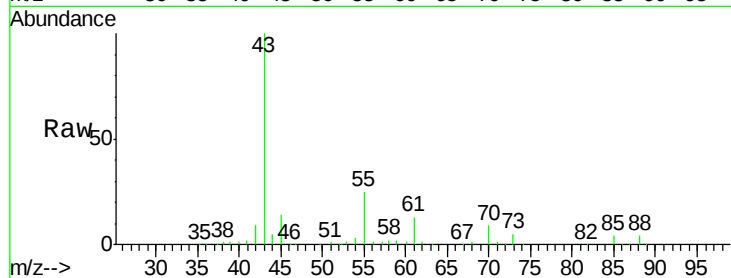




#37
Ethyl Acetate
Concen: 18.953 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

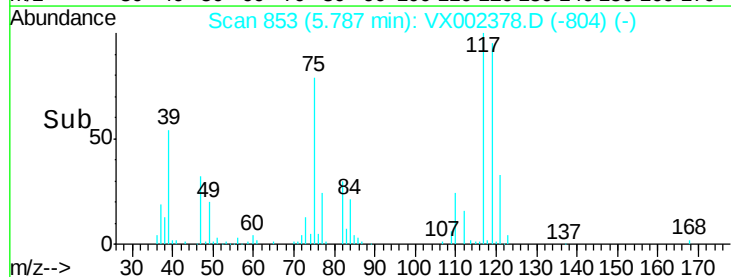
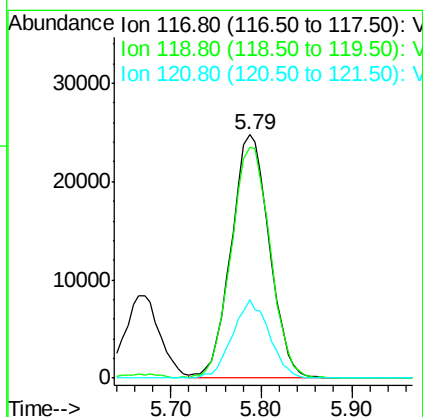
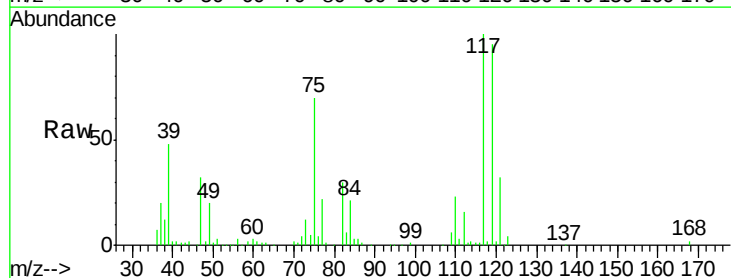
Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

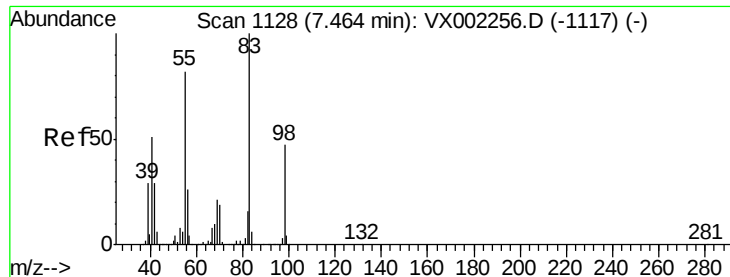
Tot Ion: 43 Resp: 83160
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 9.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.943 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 117 Resp: 72303
Ion Ratio Lower Upper
117 100
119 94.4 77.4 116.0
121 32.2 24.4 36.6

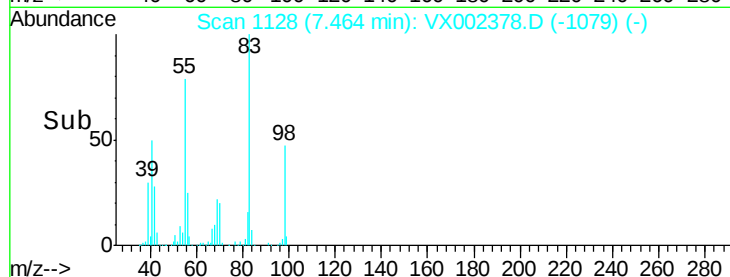
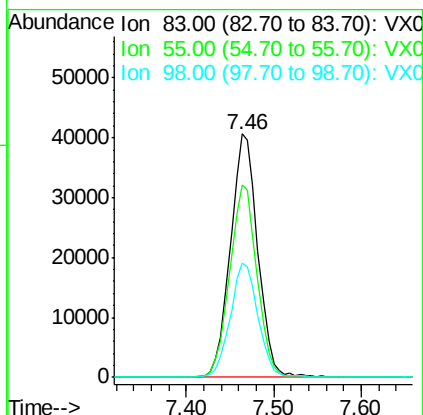
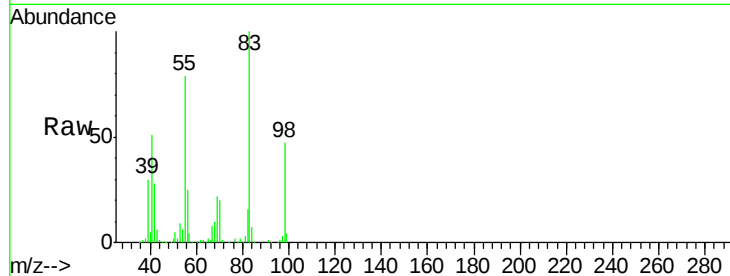




#39
Methvlcvclohexane
Concen: 19.763 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

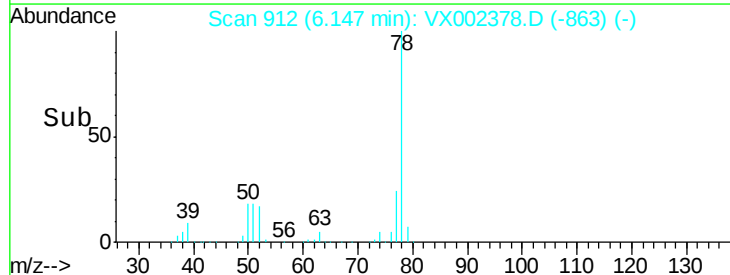
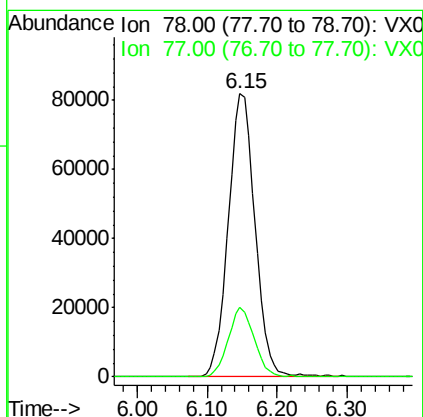
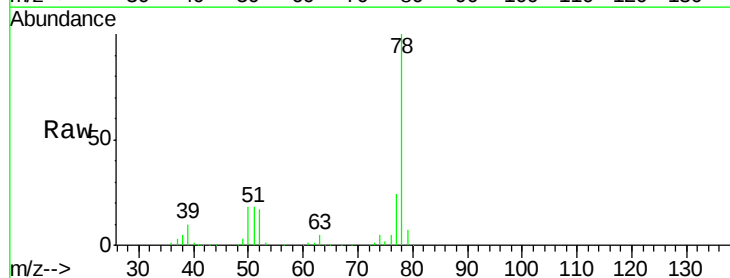
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion: 83 Resp: 88364
Ion Ratio Lower Upper
83 100
55 78.9 65.4 98.0
98 47.0 37.4 56.0



#40
Benzene
Concen: 19.496 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 78 Resp: 218098
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7

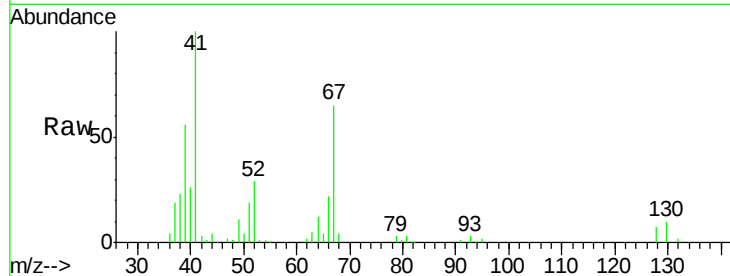




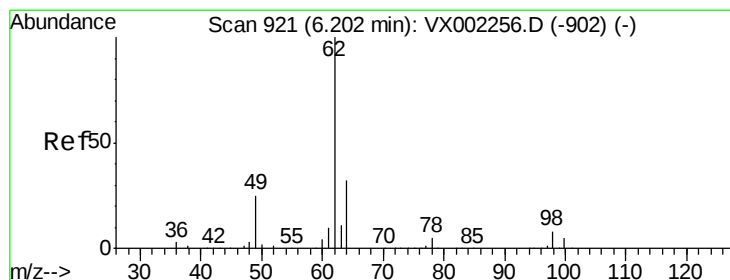
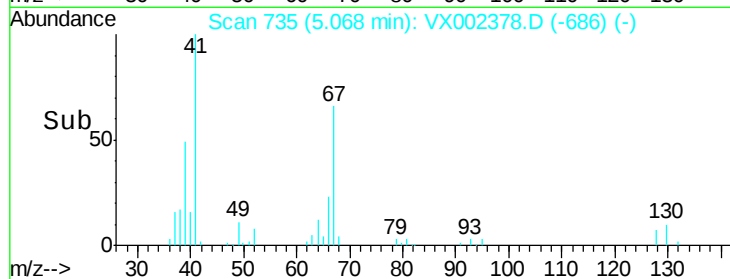
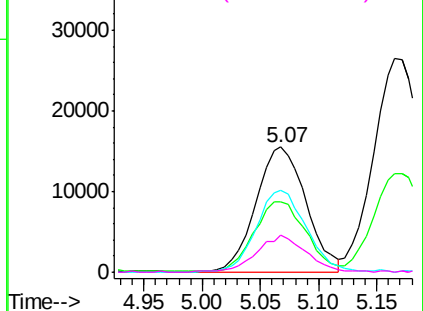
#41
Methacrylonitrile
Concen: 18.588 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion:	41	Resp:	46688
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.8	68.6
67	64.9	51.3	76.9
52	29.3	23.0	34.6

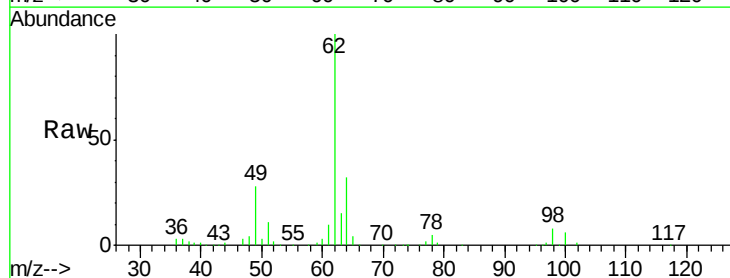


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

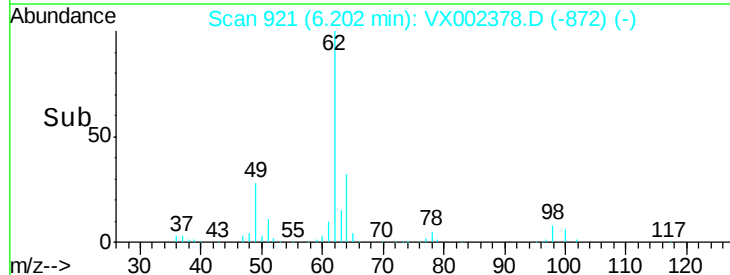
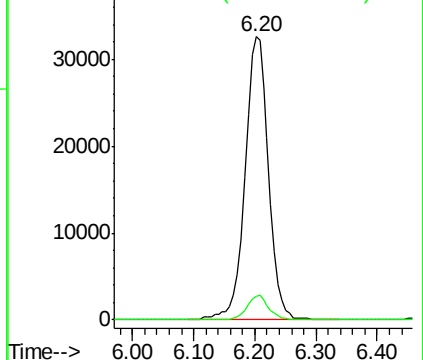


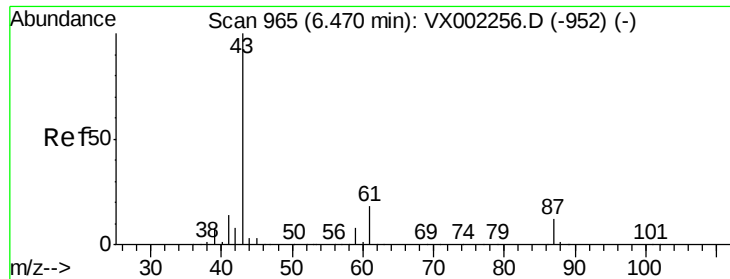
#42
1,2-Dichloroethane
Concen: 19.525 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion:	62	Resp:	86782
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



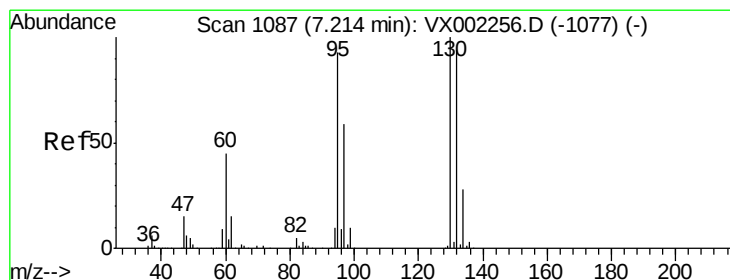
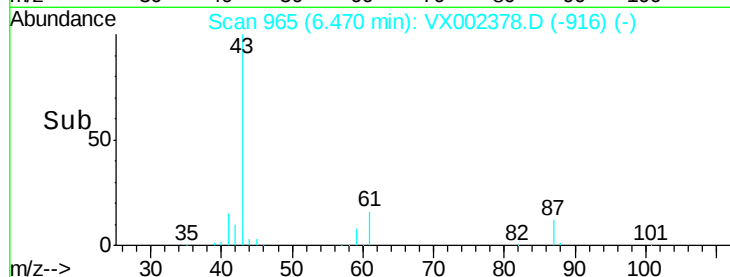
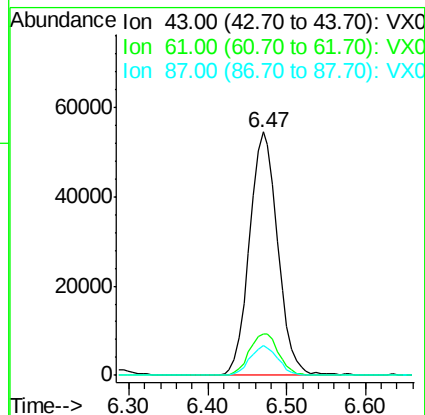
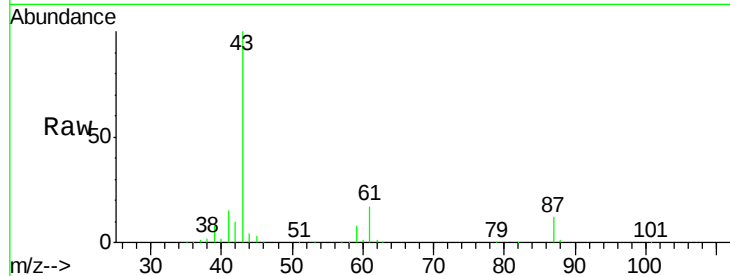


#43

Isopropyl Acetate
 Concen: 18.115 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

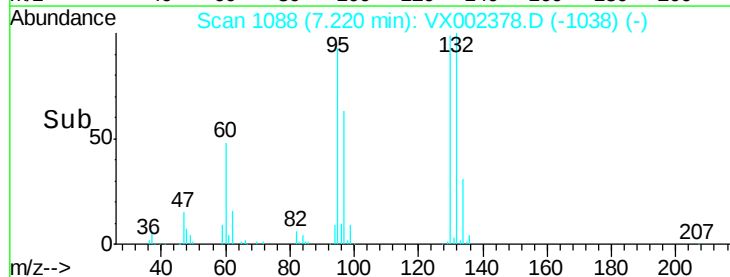
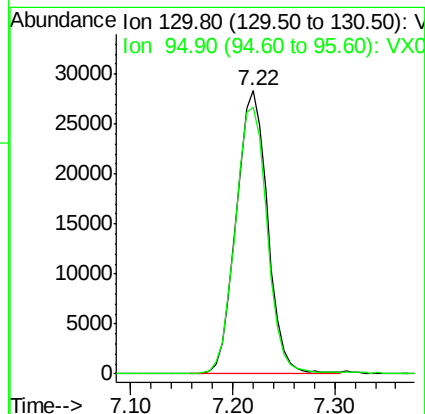
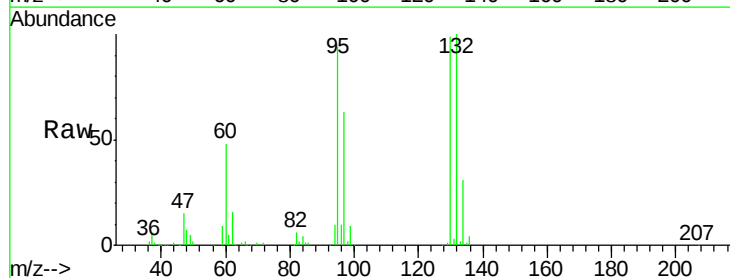
Tot Ion	43	Resp	135002
Ion Ratio	Lower	Upper	
43	100		
61	18.1	14.4	21.6
87	12.3	9.5	14.3

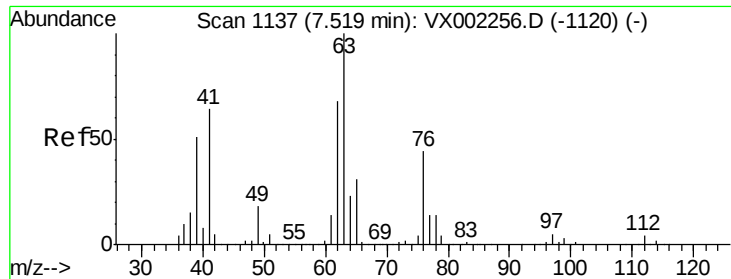


#44

Trichloroethene
 Concen: 19.467 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion	130	Resp	60441
Ion Ratio	Lower	Upper	
130	100		
95	94.4	0.0	185.4

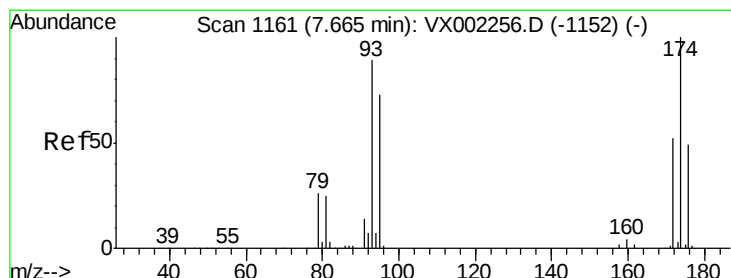
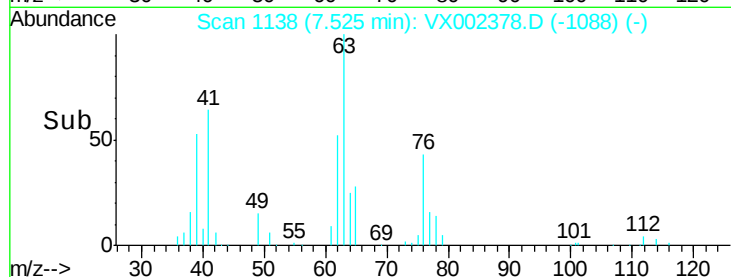
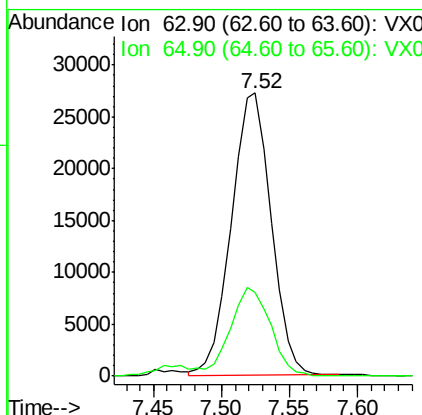
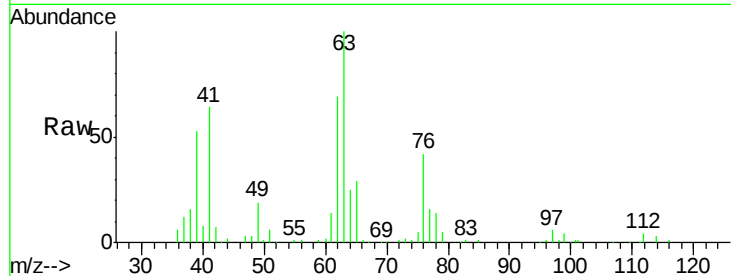




#45
 1,2-Dichloropropane
 Concen: 18.385 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

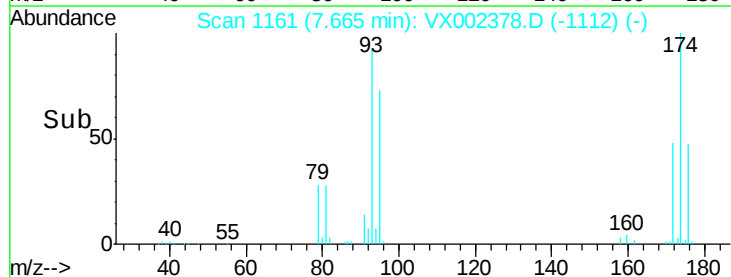
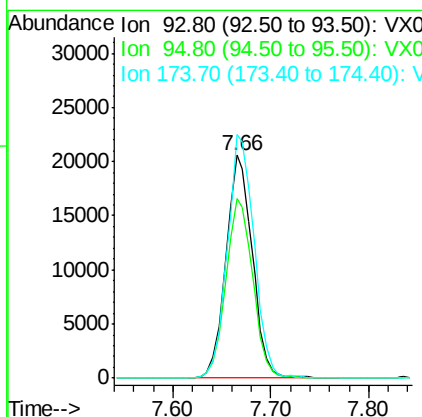
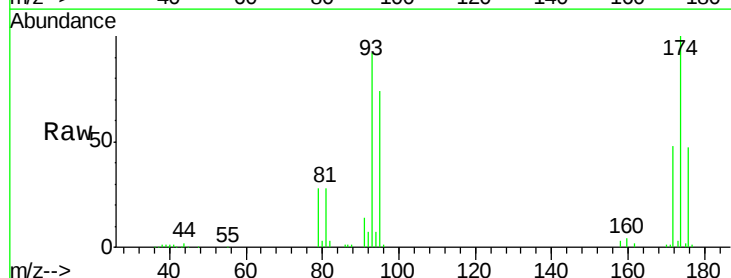
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

Tot Ion: 63 Resp: 55524
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.7 37.1



#46
 Dibromomethane
 Concen: 18.764 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion: 93 Resp: 38416
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.9 98.9
 174 110.9 92.4 138.6

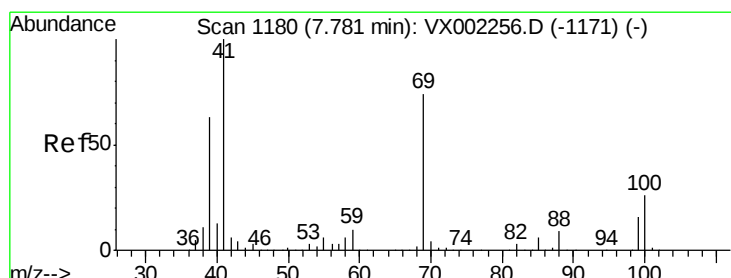
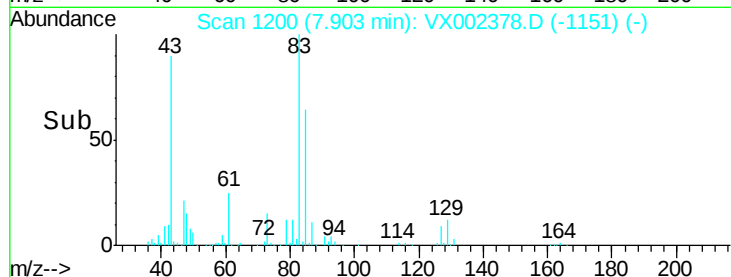
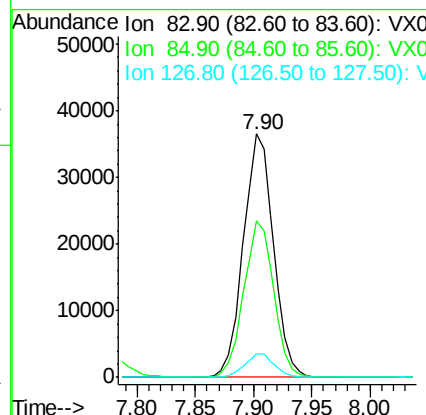
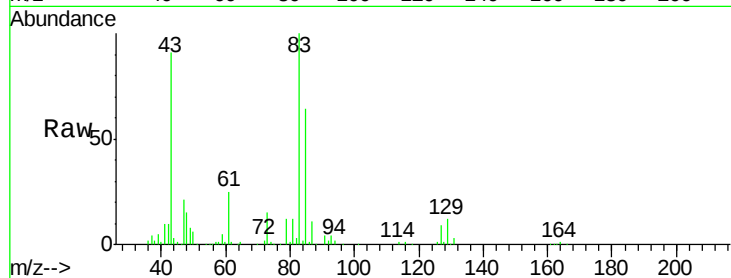




#47
 Bromodichloromethane
 Concen: 17.839 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

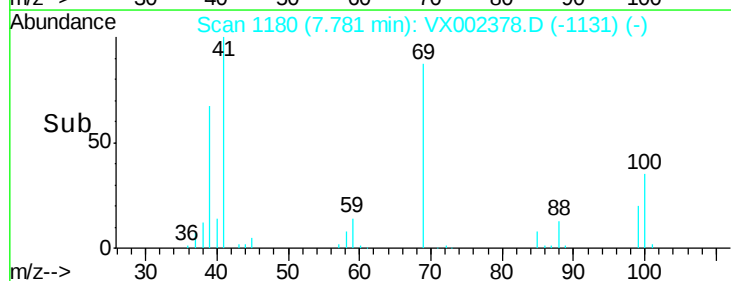
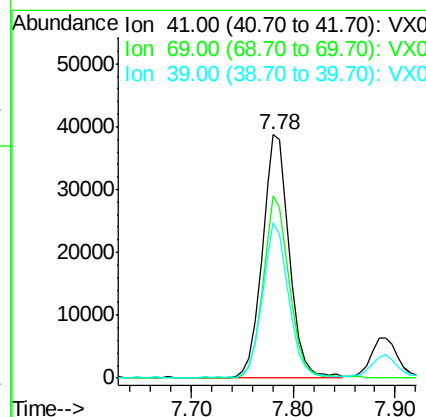
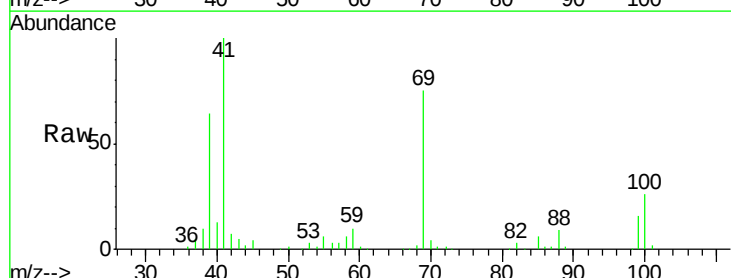
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

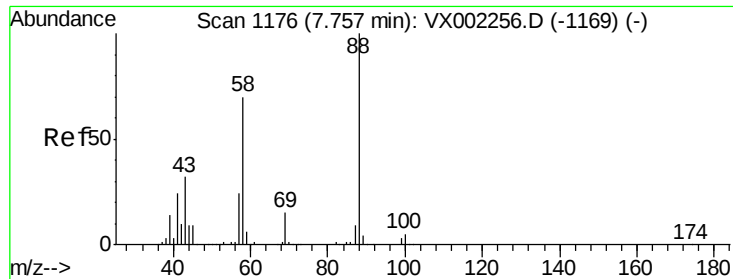
Tot Ion: 83 Resp: 66053
 Ion Ratio Lower Upper
 83 100
 85 64.1 50.3 75.5
 127 9.4 7.0 10.4



#48
 Methyl methacrylate
 Concen: 18.801 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion: 41 Resp: 70381
 Ion Ratio Lower Upper
 41 100
 69 73.4 59.1 88.7
 39 62.5 48.9 73.3

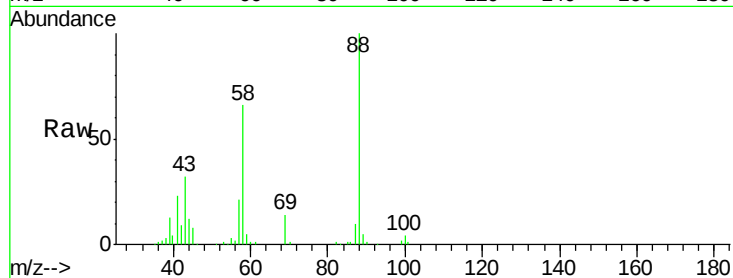




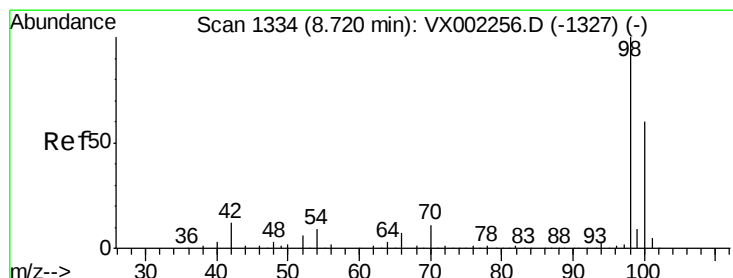
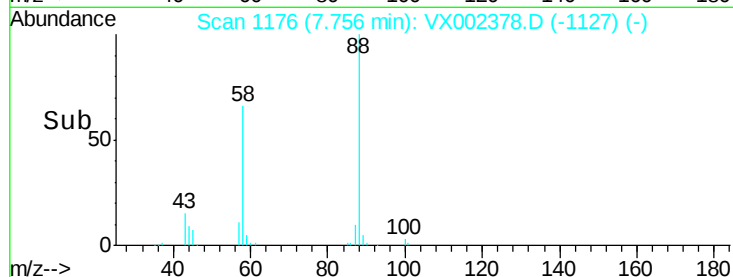
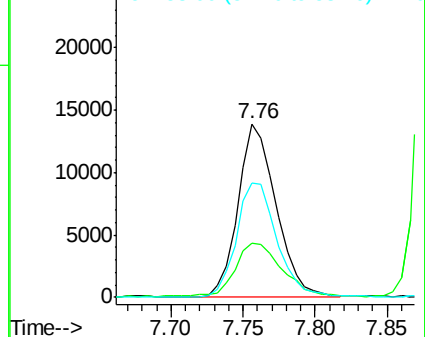
#49
1,4-Dioxane
Concen: 365.687 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

Tot Ion: 88 Resp: 25596
Ion Ratio Lower Upper
88 100
43 37.8 29.8 44.6
58 71.1 57.1 85.7

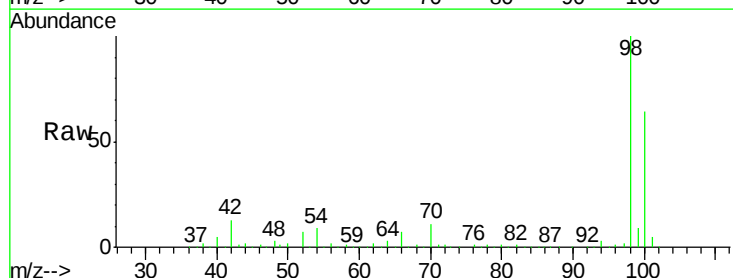


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

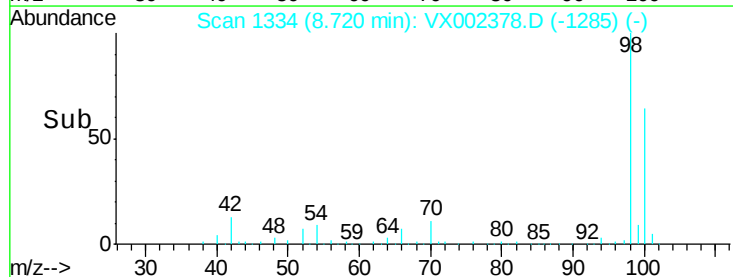
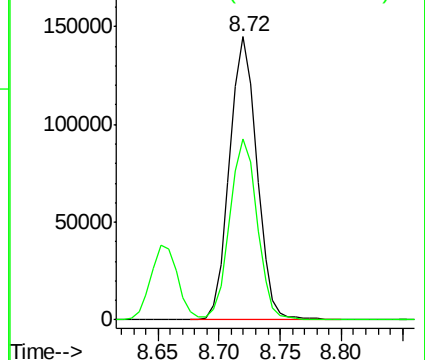


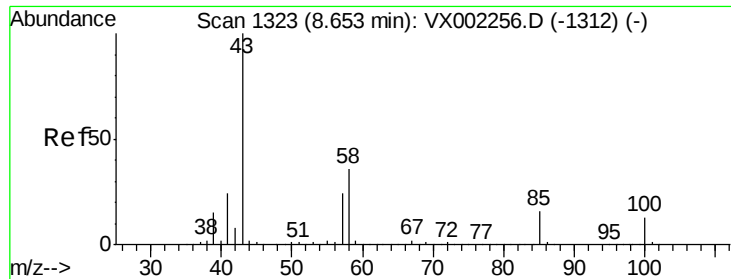
#50
Toluene-d8
Concen: 21.417 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 98 Resp: 224047
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 95.512 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

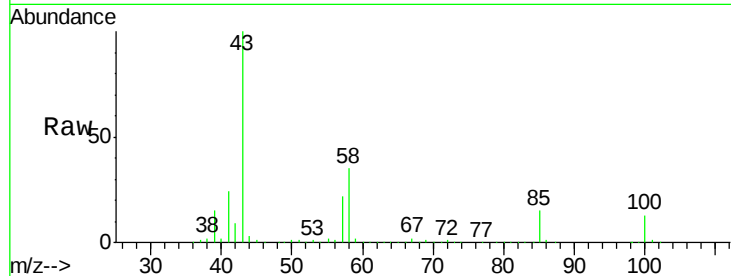
VX0607MBS01

Tot Ion: 43 Resp: 443274

Ion Ratio Lower Upper

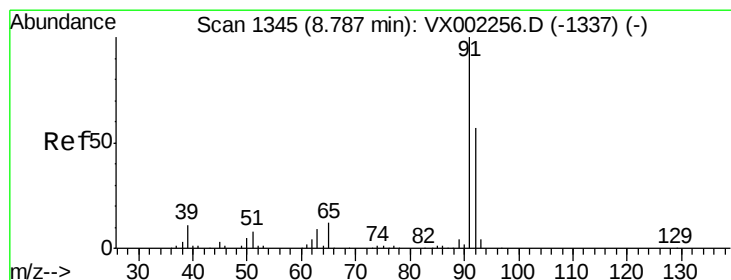
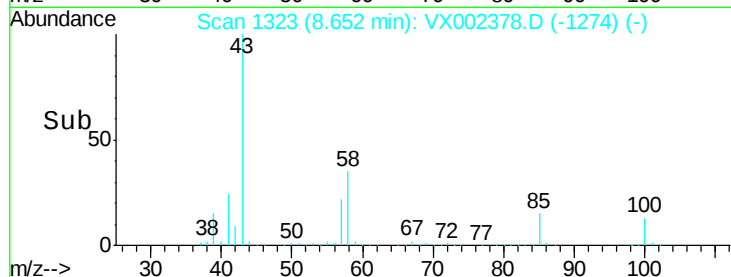
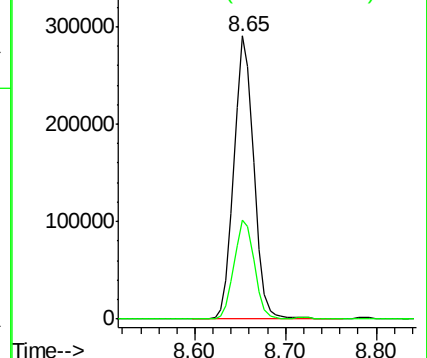
43 100

58 35.7 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: 19.704 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002378.D

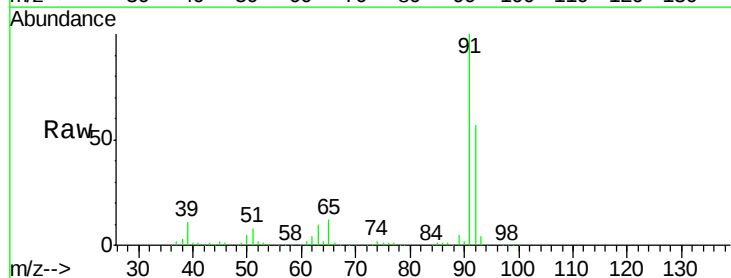
Acq: 07 Jun 2018 15:27

Tgt Ion: 92 Resp: 140195

Ion Ratio Lower Upper

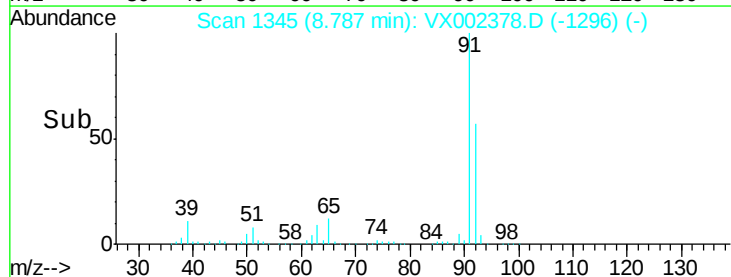
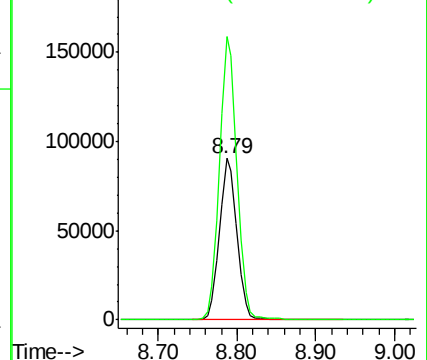
92 100

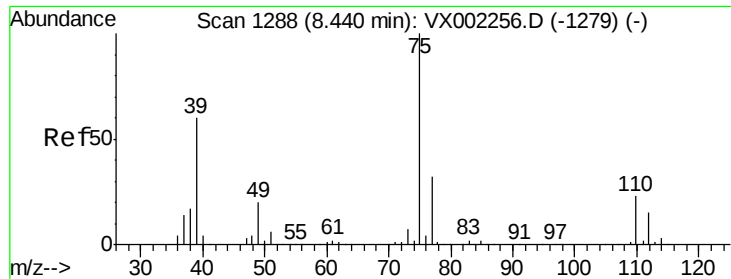
91 175.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

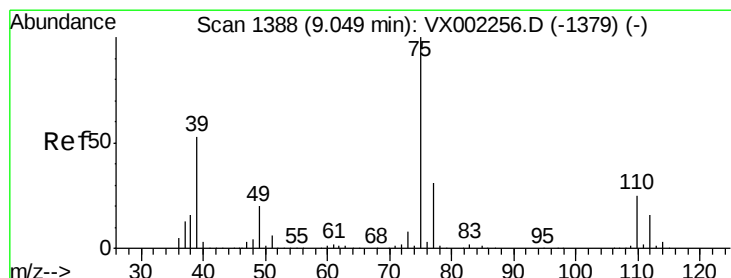
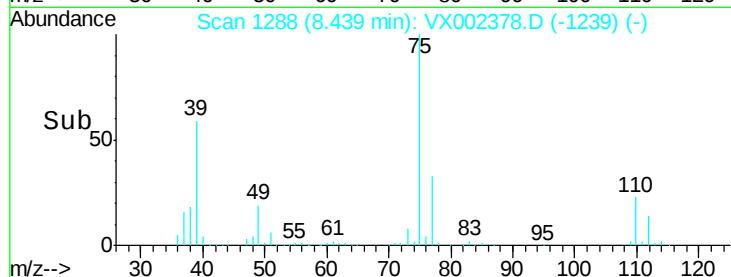
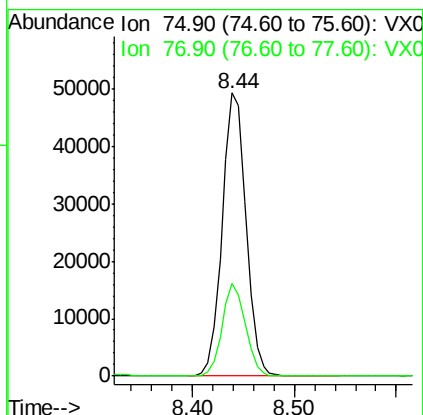
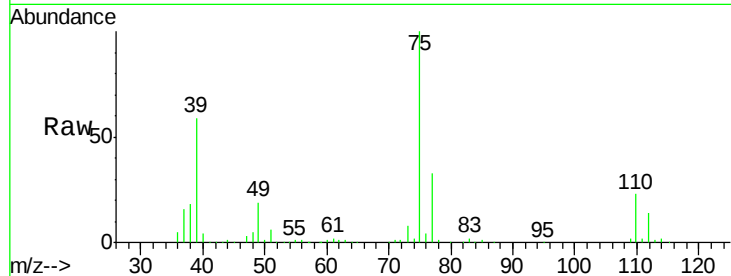




#53
t-1,3-Dichloropropene
Concen: 18.032 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

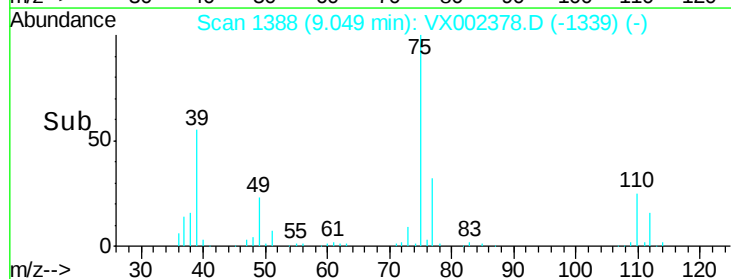
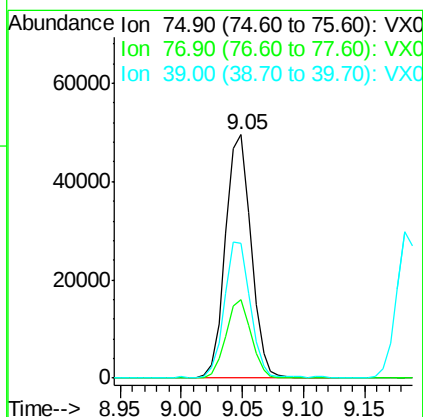
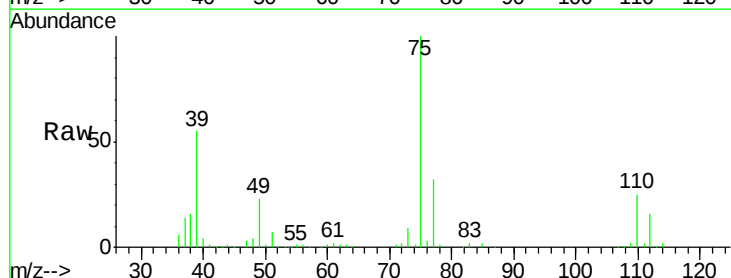
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

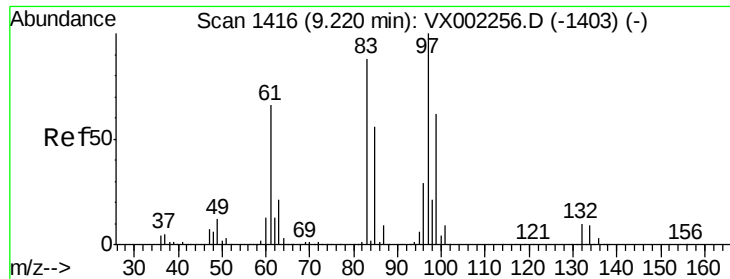
Tot Ion: 75 Resp: 80068
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 17.148 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 75 Resp: 71838
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 55.2 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 19.462 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

Tot Ion: 97 Resp: 56951

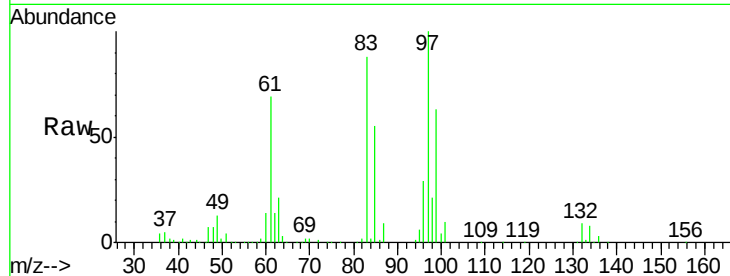
Ion Ratio Lower Upper

97 100

83 87.5 70.2 105.2

85 54.8 44.9 67.3

99 62.8 49.8 74.8

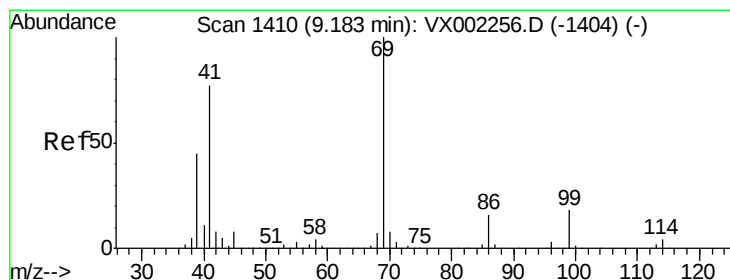
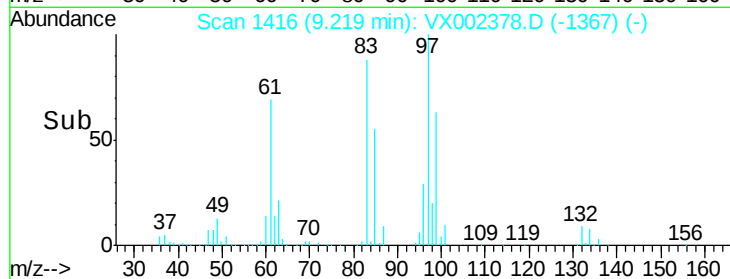
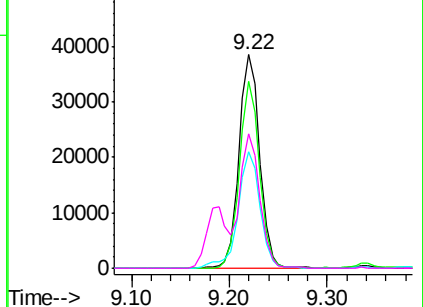


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.686 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

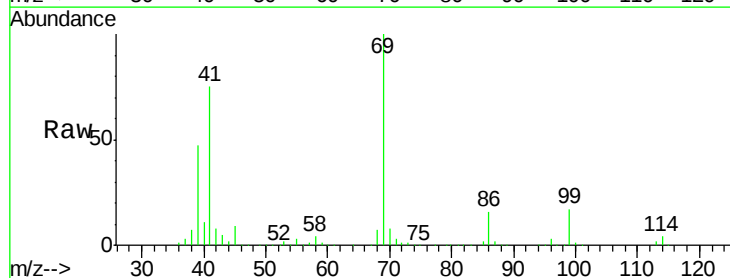
Tgt Ion: 69 Resp: 87303

Ion Ratio Lower Upper

69 100

41 74.3 60.3 90.5

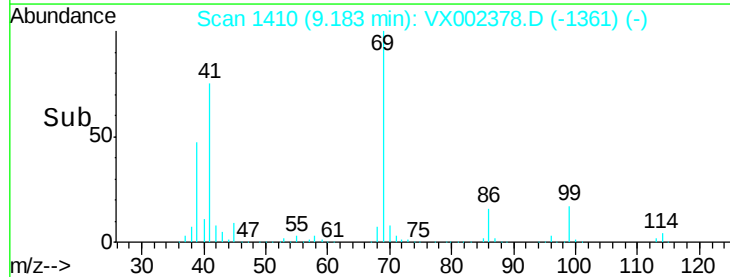
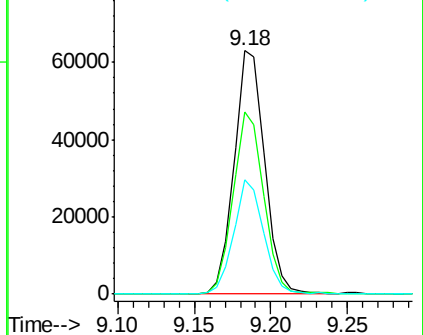
39 45.3 35.8 53.8



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: 19.420 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

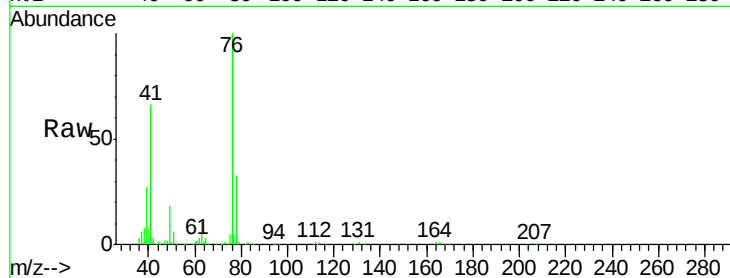
VX0607MBS01

Tot Ion: 76 Resp: 95341

Ion Ratio Lower Upper

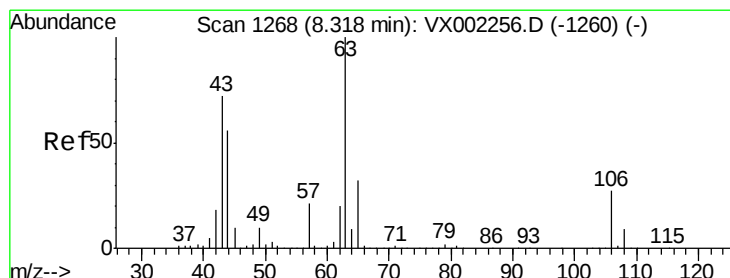
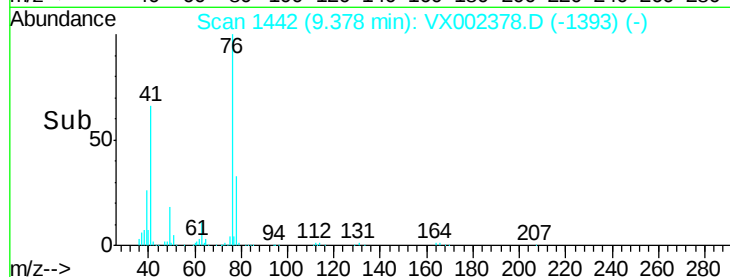
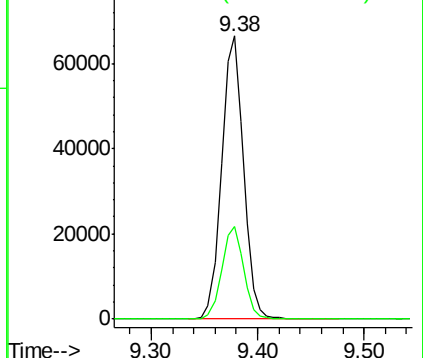
76 100

78 32.8 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: 97.201 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002378.D

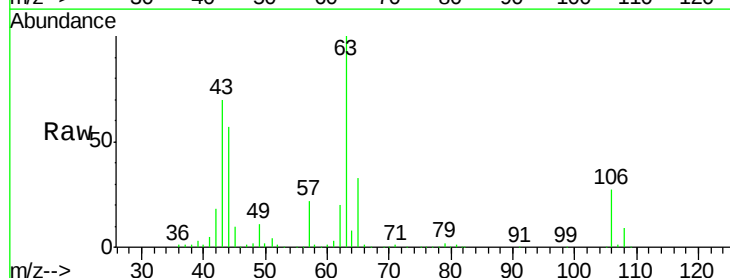
Acq: 07 Jun 2018 15:27

Tgt Ion: 63 Resp: 210185

Ion Ratio Lower Upper

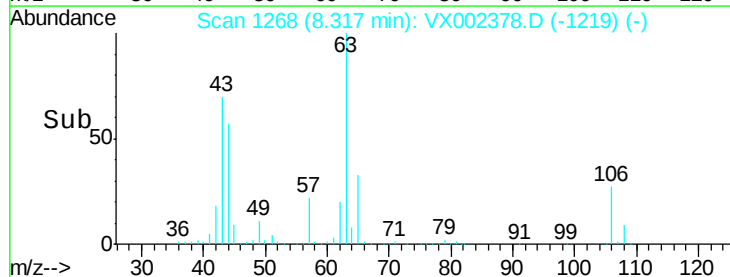
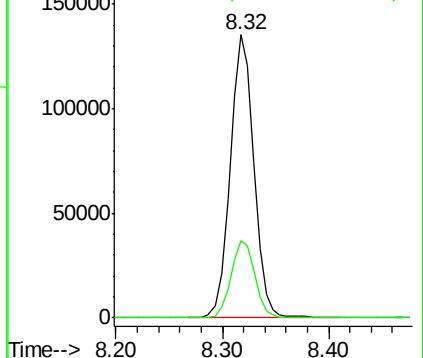
63 100

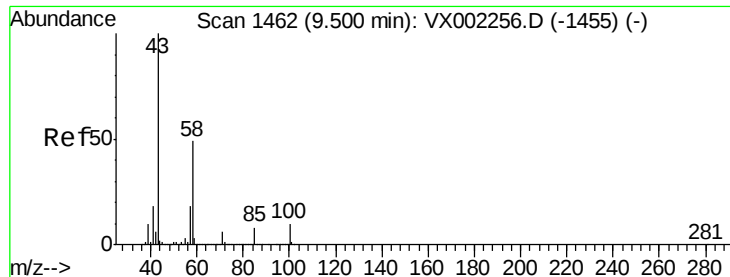
106 27.6 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

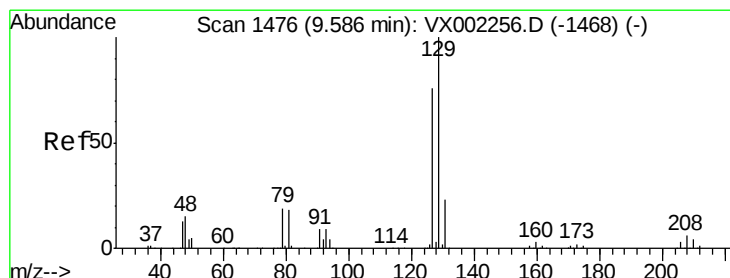
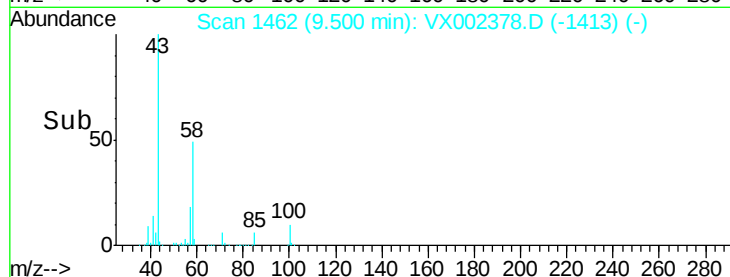
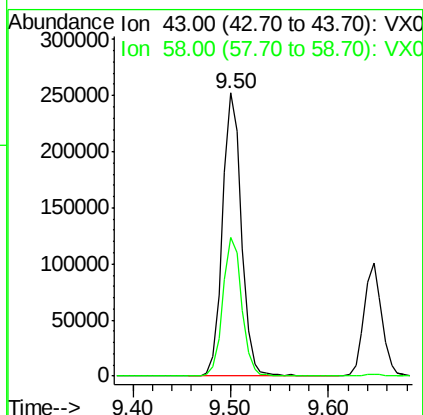
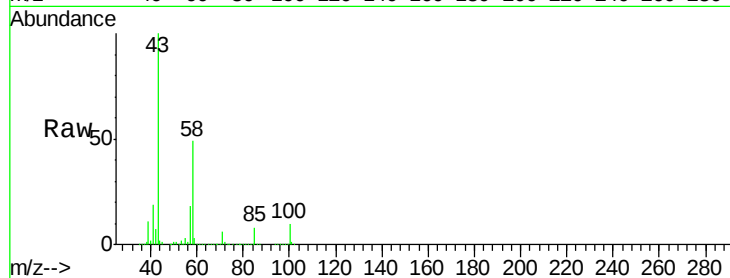




#59
2-Hexanone
Concen: 94.268 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

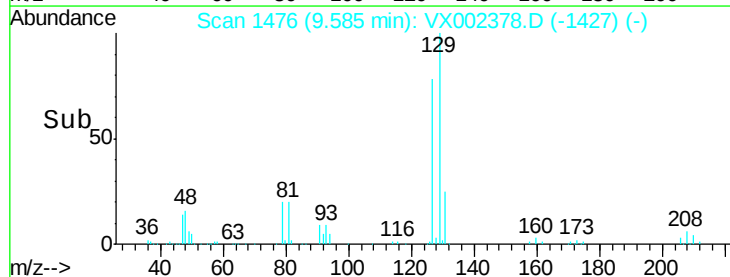
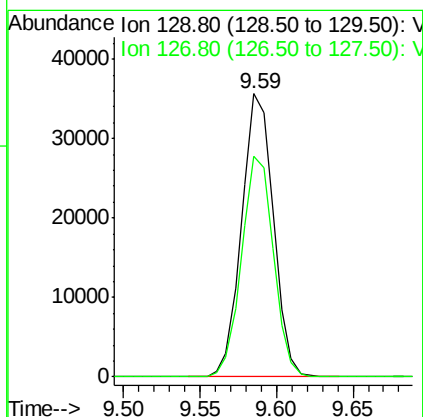
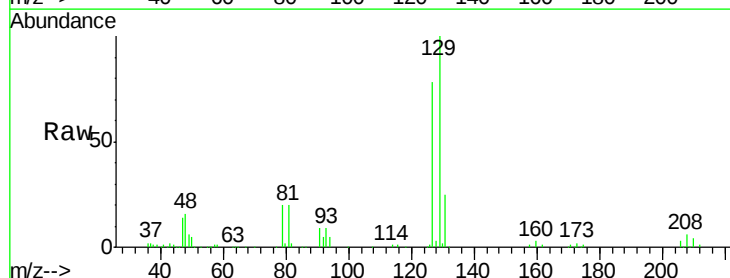
Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

Tot Ion: 43 Resp: 337928
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.6



#60
Dibromochloromethane
Concen: 17.497 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 129 Resp: 51501
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.327 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

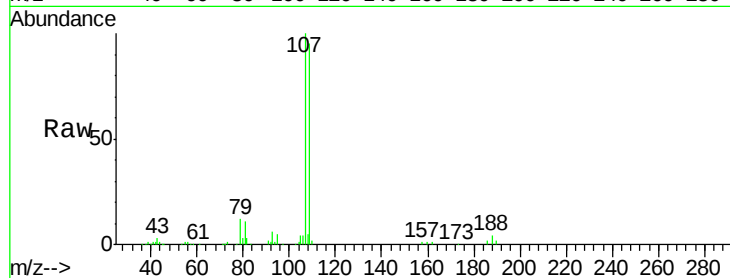
VX0607MBS01

Tot Ion:107 Resp: 58972

Ion Ratio Lower Upper

107 100

109 93.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

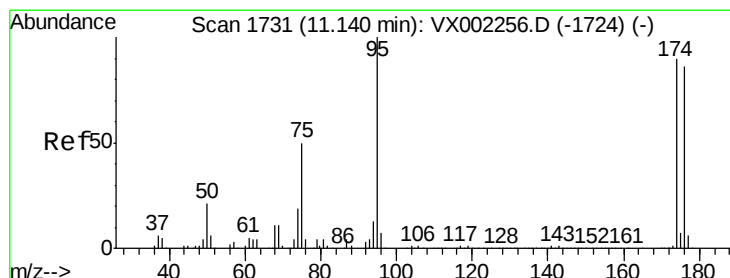
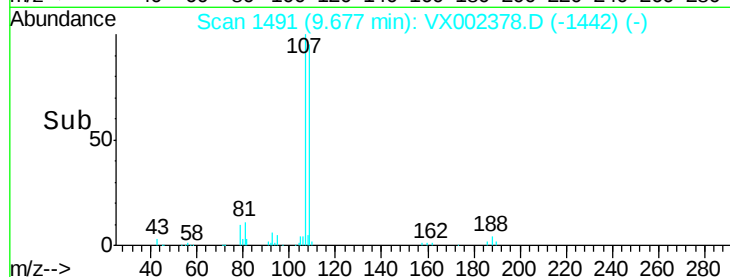
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 20.421 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

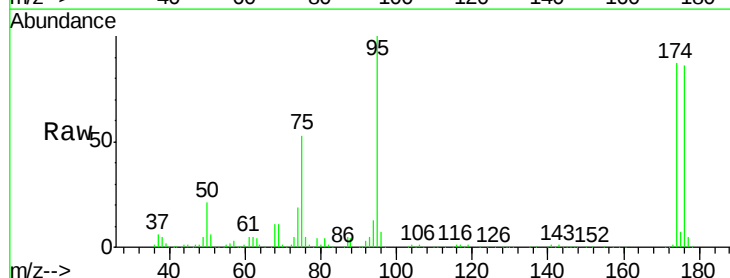
Tgt Ion: 95 Resp: 82378

Ion Ratio Lower Upper

95 100

174 93.7 0.0 187.4

176 92.2 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

11.14

80000

60000

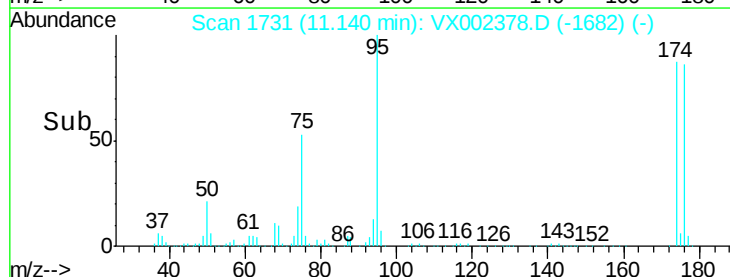
40000

20000

0

Time-->

11.10 11.15 11.20

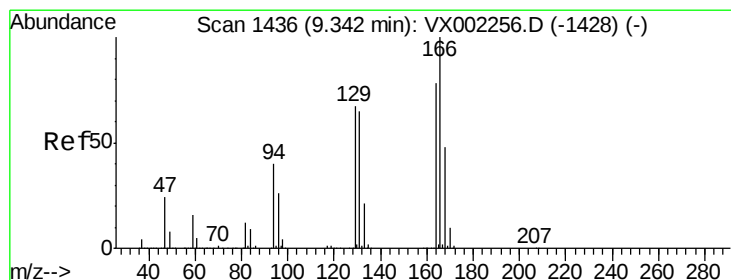
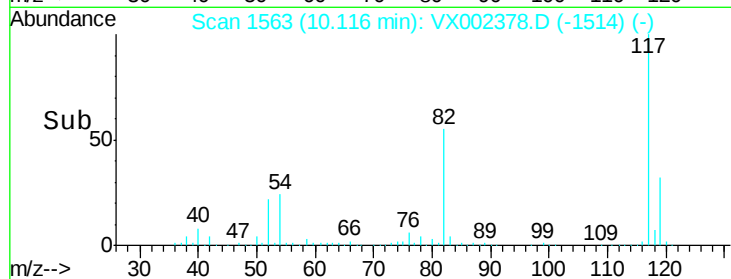
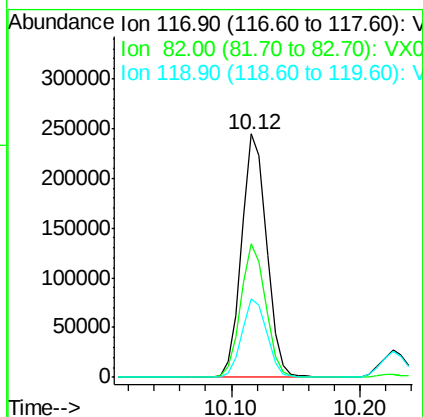
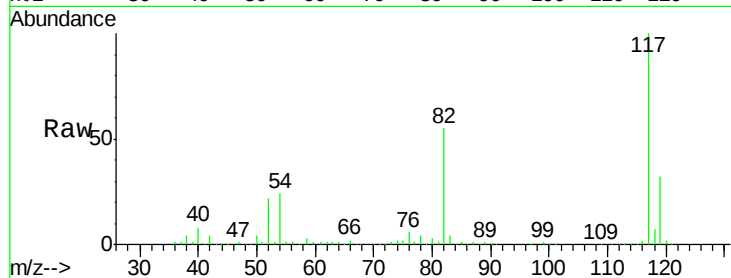




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

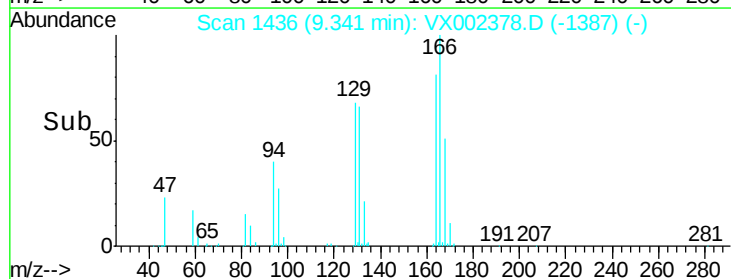
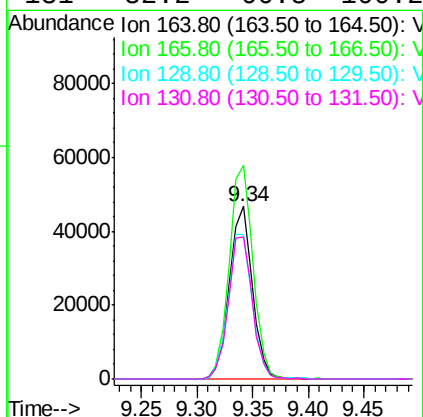
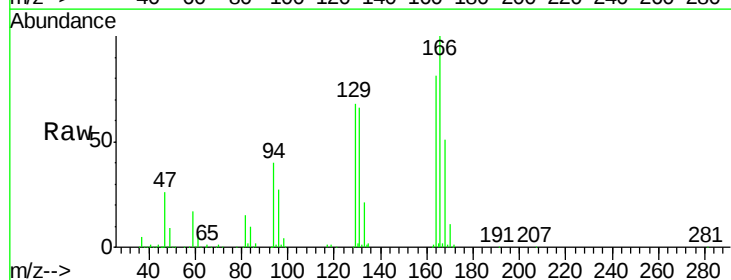
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

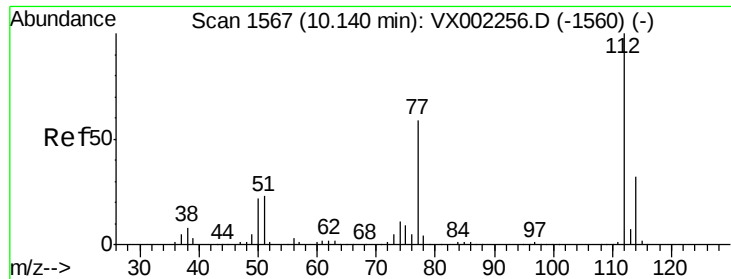
Tot Ion:117 Resp: 327531
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 19.892 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion:164 Resp: 67192
Ion Ratio Lower Upper
164 100
166 123.8 102.9 154.3
129 84.2 68.6 102.8
131 82.2 66.8 100.2

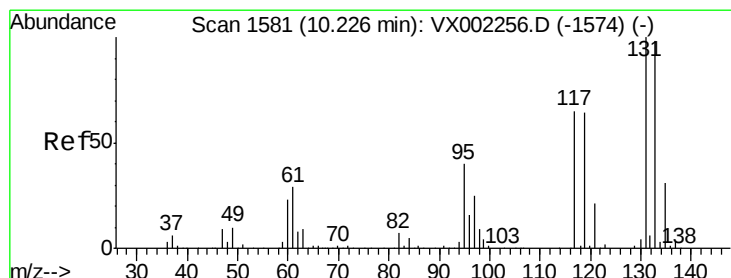
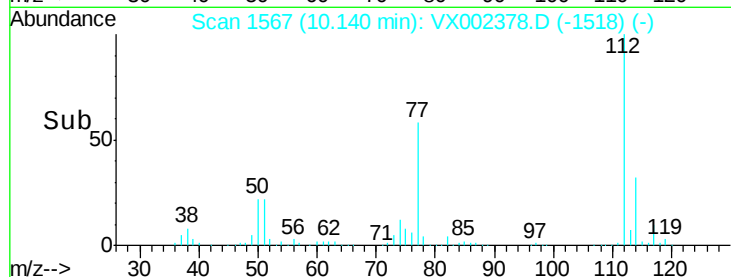
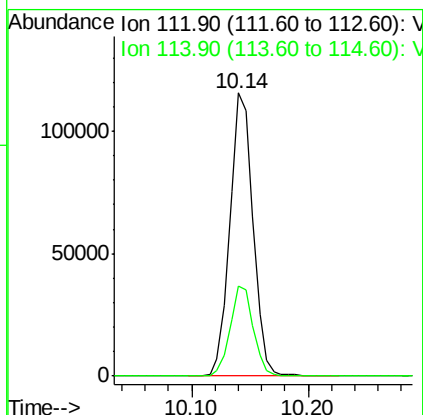
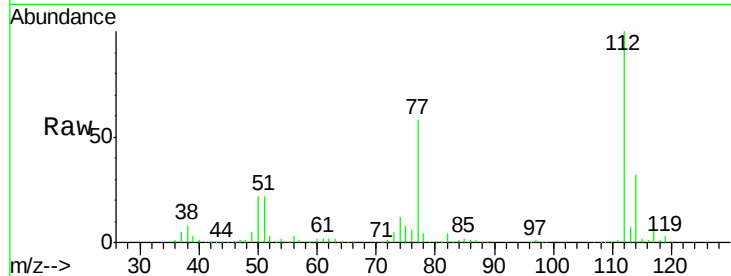




#65
Chlorobenzene
Concen: 19.677 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

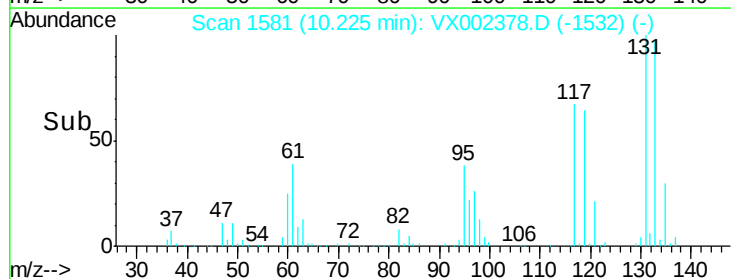
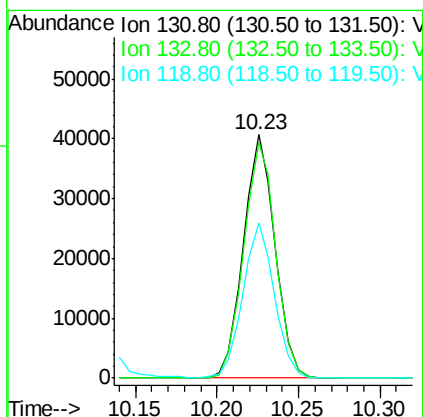
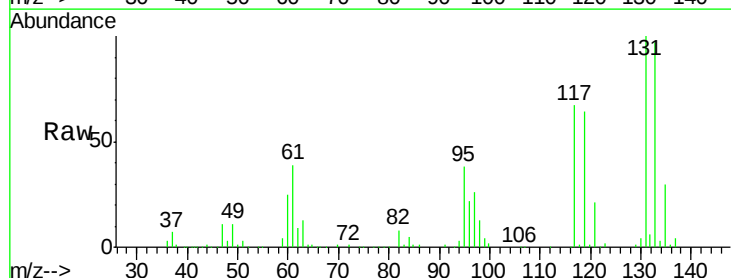
Instrument :
MSVOA_X
ClientSampled :
VX0607MBS01

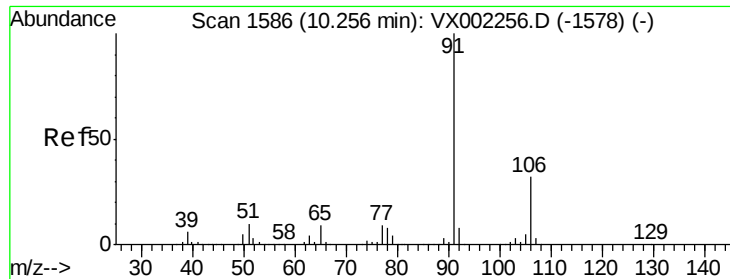
Tot Ion:112 Resp: 160366
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.560 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion:131 Resp: 54770
Ion Ratio Lower Upper
131 100
133 97.7 47.9 143.6
119 63.7 31.8 95.3

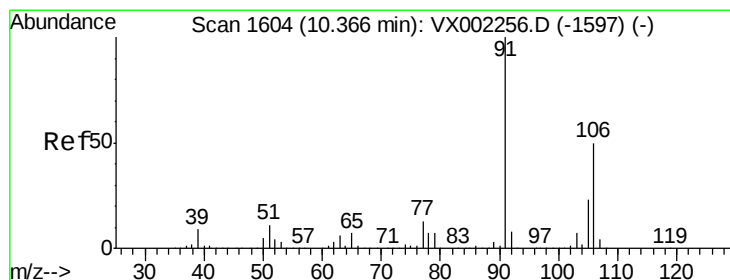
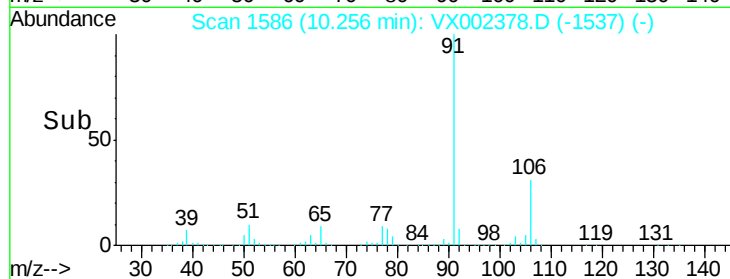
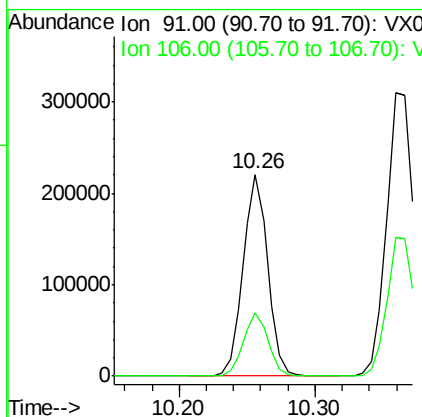
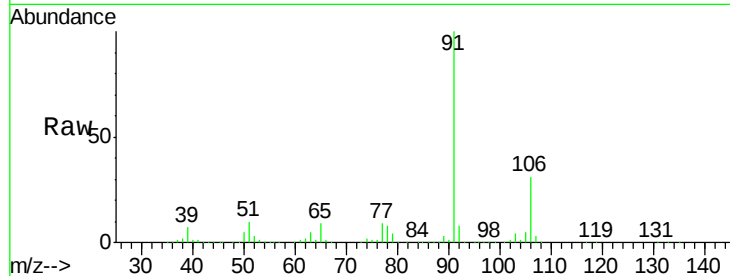




#67
Ethyl Benzene
Concen: 20.379 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

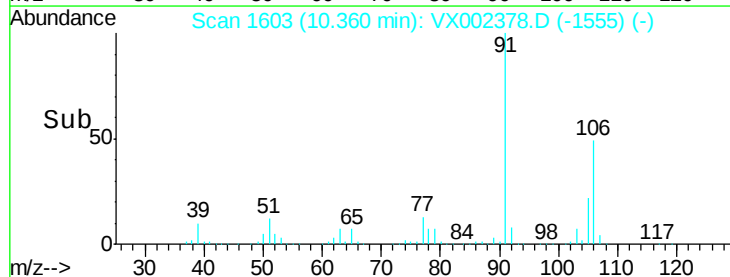
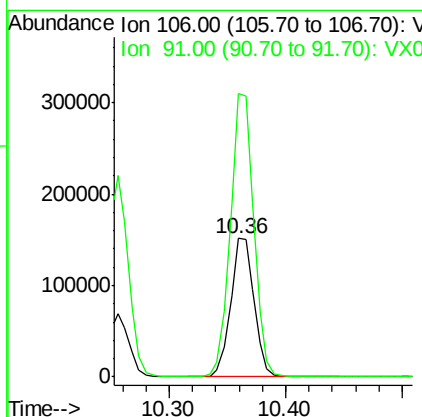
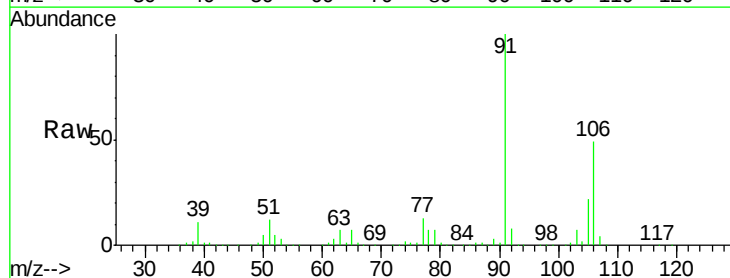
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

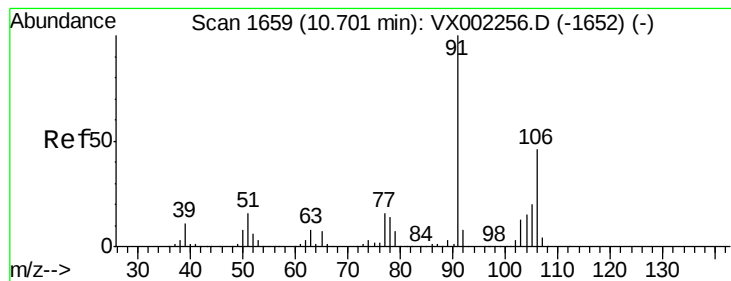
Tot Ion: 91 Resp: 277942
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3



#68
m/p-Xylenes
Concen: 39.879 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 106 Resp: 211430
Ion Ratio Lower Upper
106 100
91 205.0 163.4 245.2





#69

o-Xylene

Concen: 19.777 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

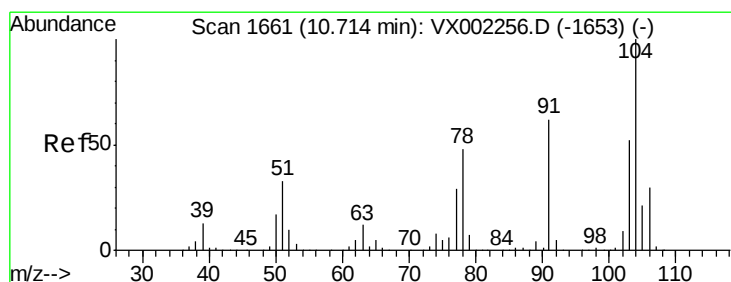
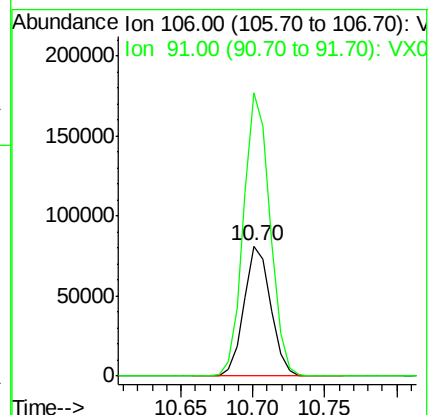
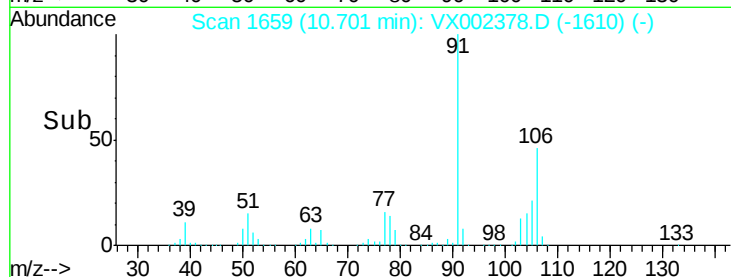
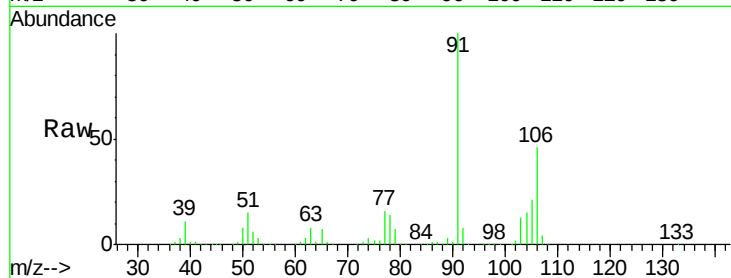
VX0607MBS01

Tot Ion:106 Resp: 104347

Ion Ratio Lower Upper

106 100

91 217.0 108.2 324.6



#70

Styrene

Concen: 19.586 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

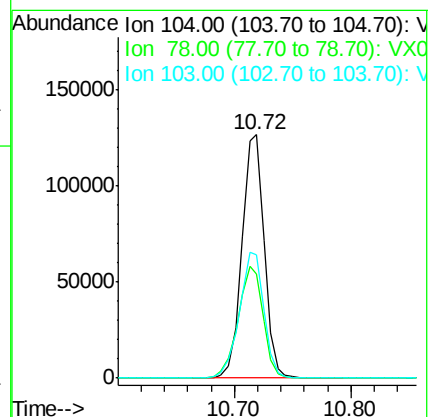
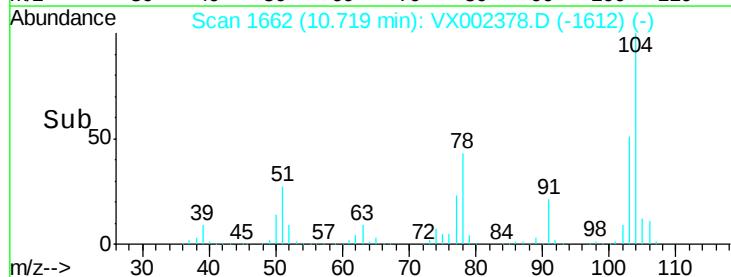
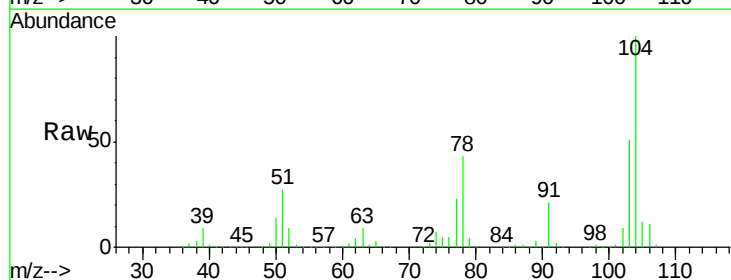
Tgt Ion:104 Resp: 168932

Ion Ratio Lower Upper

104 100

78 51.5 41.0 61.6

103 56.7 44.2 66.4





#71

Bromoform

Concen: 16.318 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

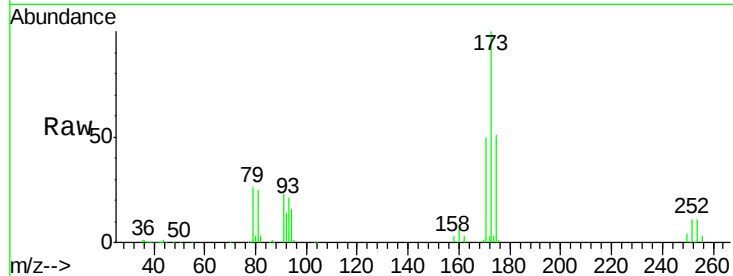
Tot Ion:173 Resp: 36515

Ion Ratio Lower Upper

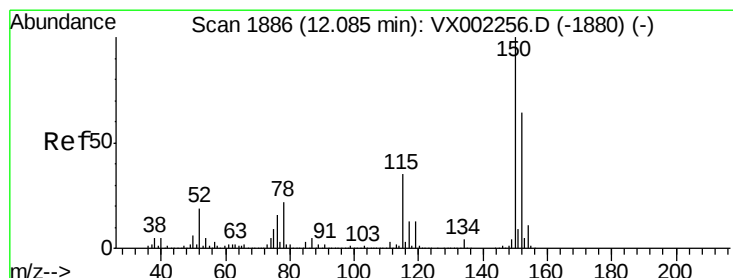
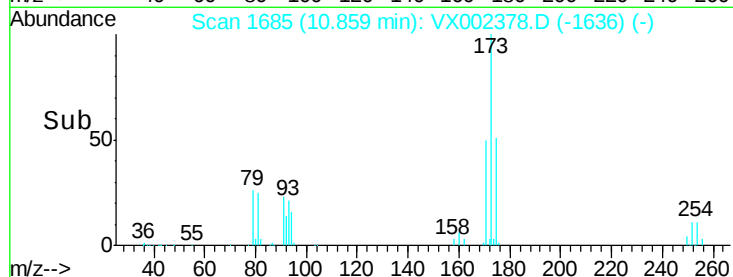
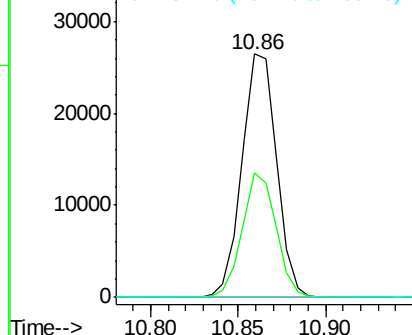
173 100

175 50.1 24.7 74.1

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

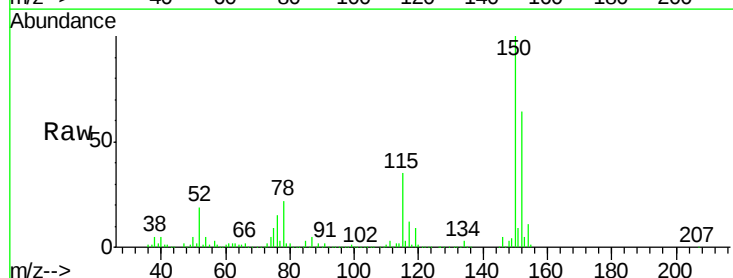
Tgt Ion:152 Resp: 200556

Ion Ratio Lower Upper

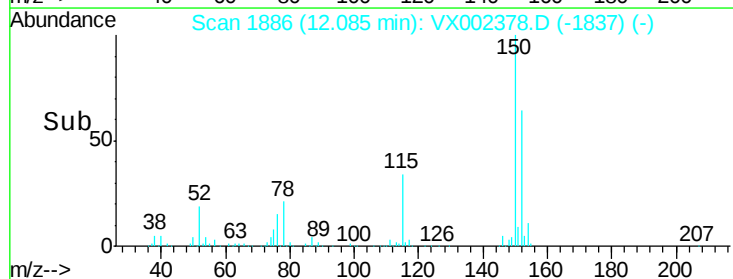
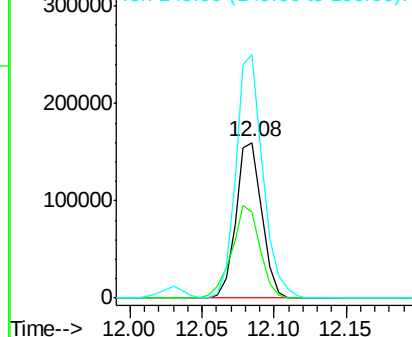
152 100

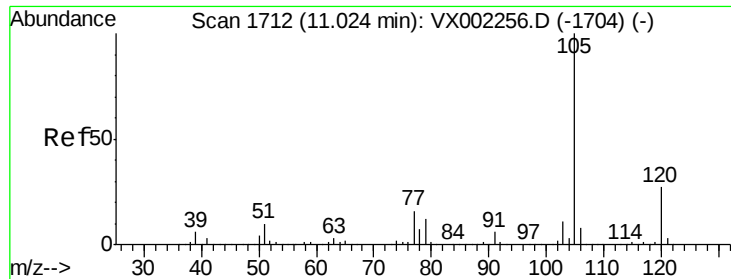
115 65.0 40.1 120.2

150 163.1 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.352 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

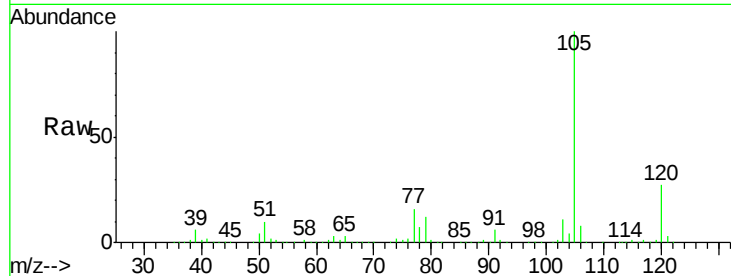
VX0607MBS01

Tot Ion:105 Resp: 283942

Ion Ratio Lower Upper

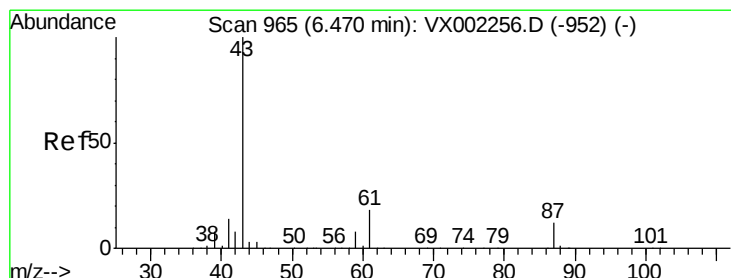
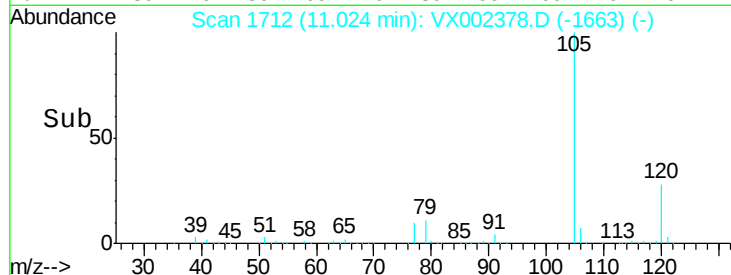
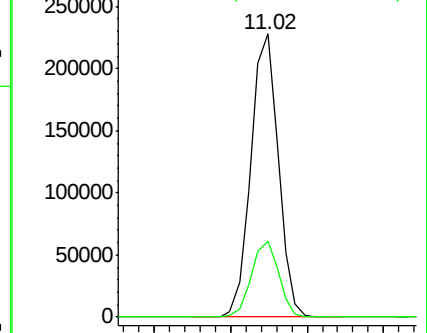
105 100

120 26.9 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: 17.958 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Tgt Ion: 43 Resp: 135002

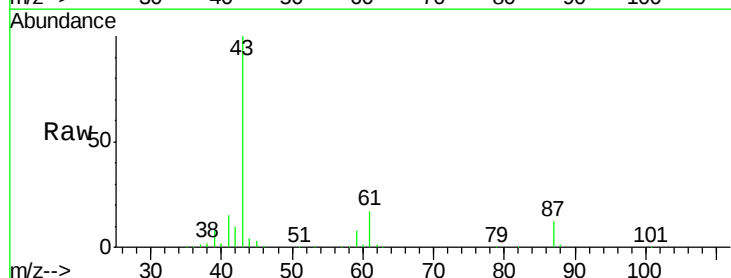
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6

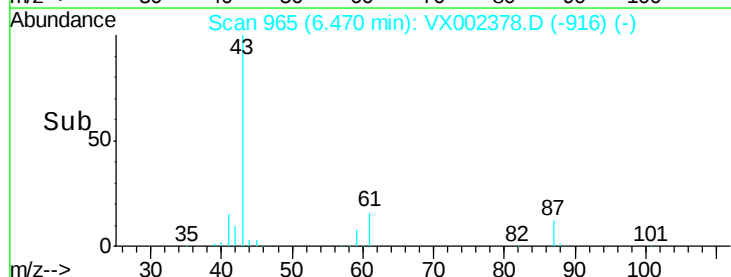
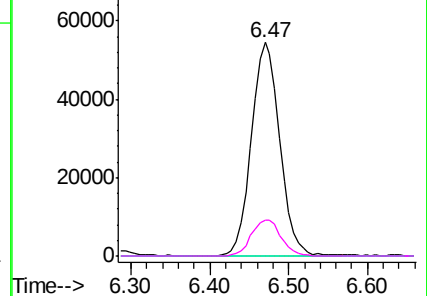


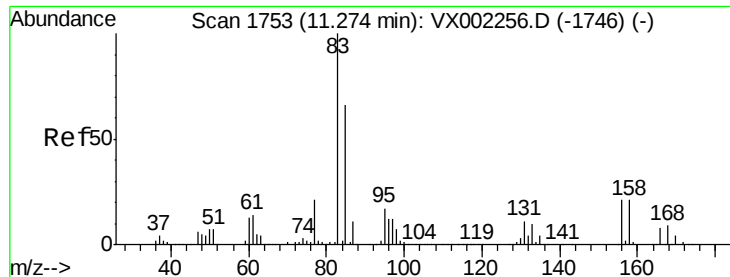
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.904 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

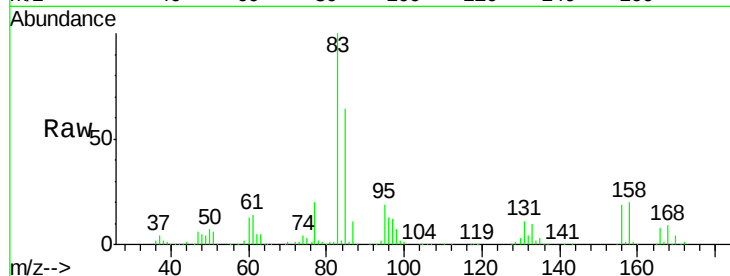
Tot Ion: 83 Resp: 82949

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

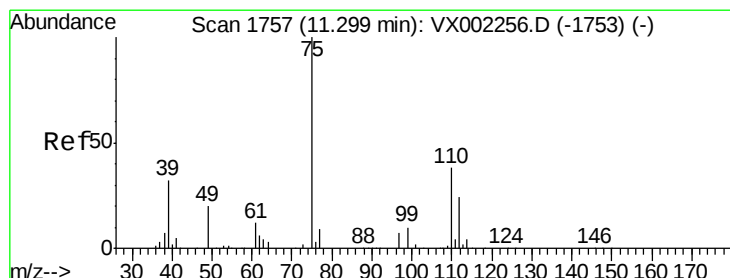
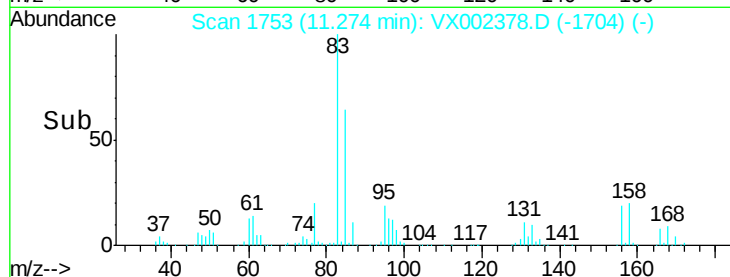
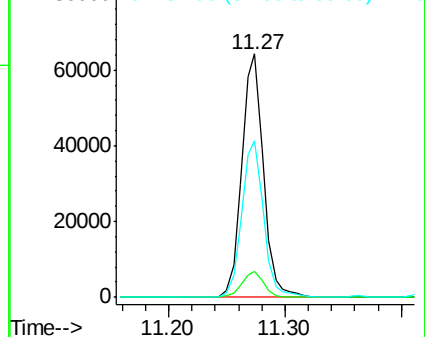
85 65.0 32.4 97.2



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: 21.213 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002378.D

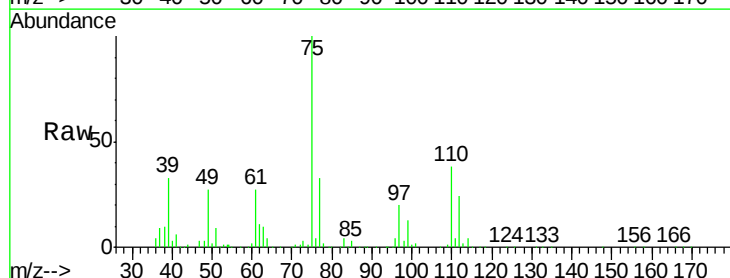
Acq: 07 Jun 2018 15:27

Tgt Ion: 75 Resp: 93354

Ion Ratio Lower Upper

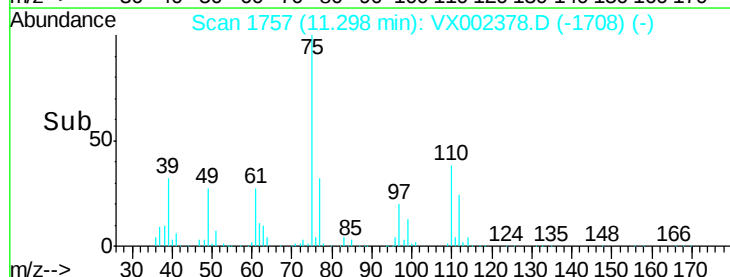
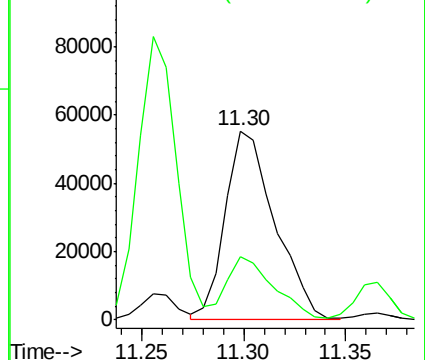
75 100

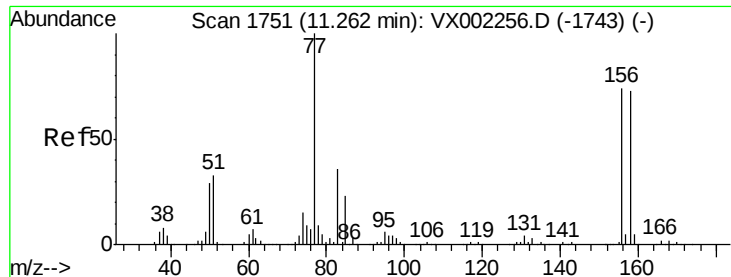
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.062 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

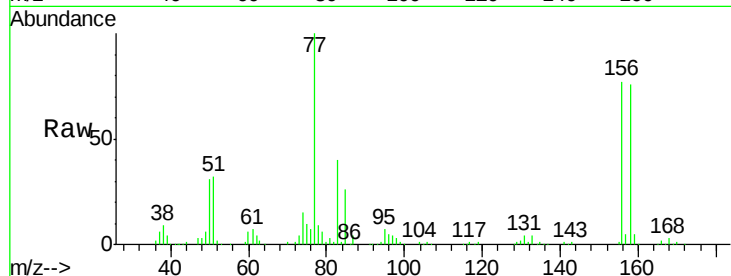
Tot Ion:156 Resp: 74660

Ion Ratio Lower Upper

156 100

77 143.7 71.4 214.2

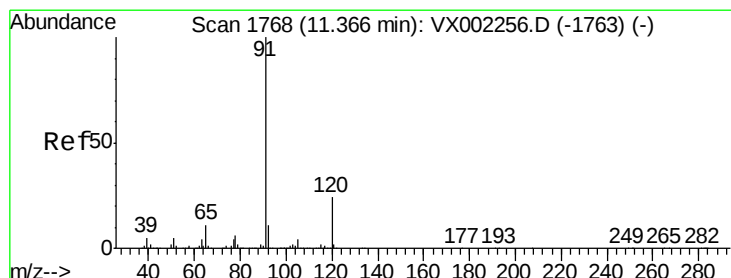
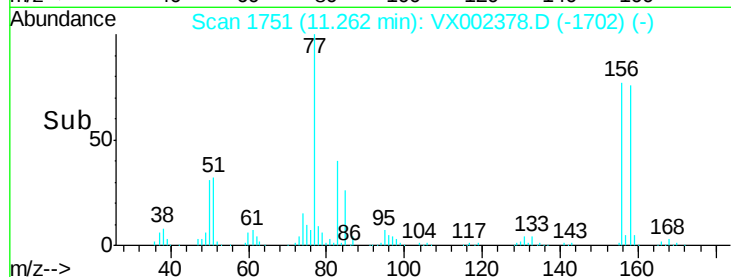
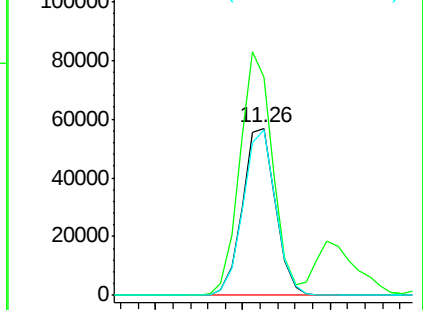
158 98.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.628 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002378.D

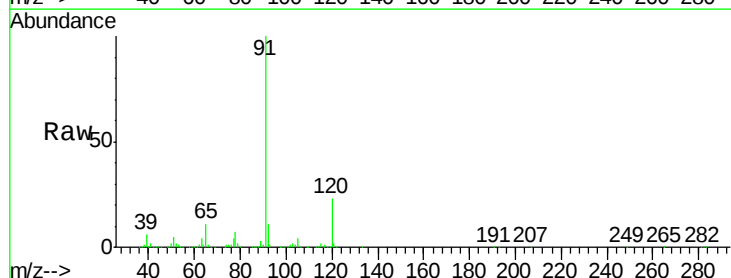
Acq: 07 Jun 2018 15:27

Tgt Ion: 91 Resp: 319881

Ion Ratio Lower Upper

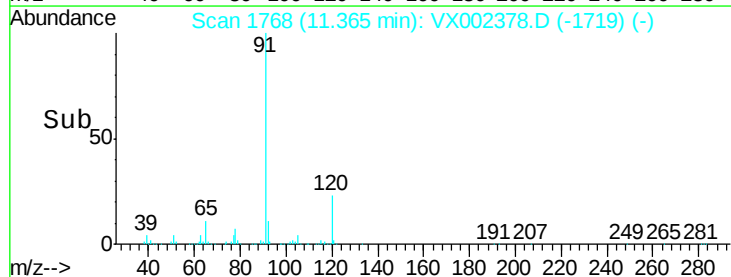
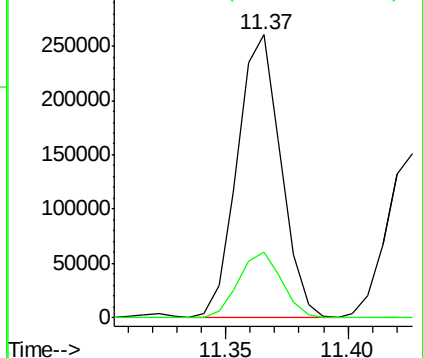
91 100

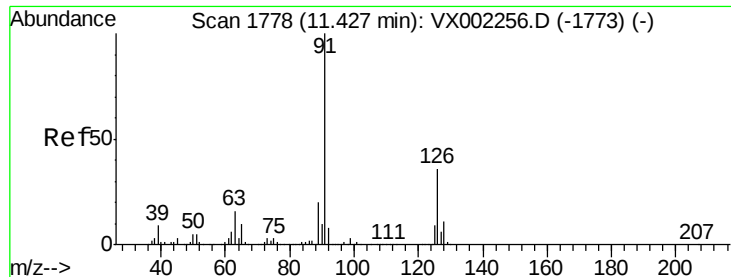
120 23.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.304 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

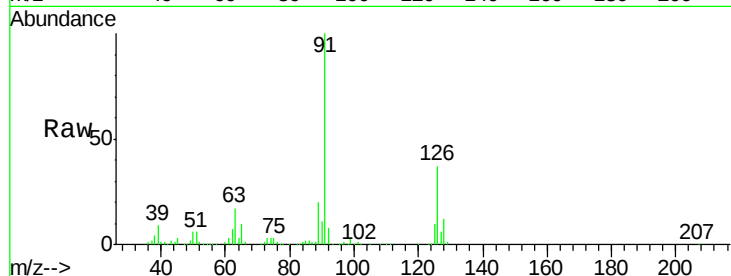
VX0607MBS01

Tot Ion: 91 Resp: 189018

Ion Ratio Lower Upper

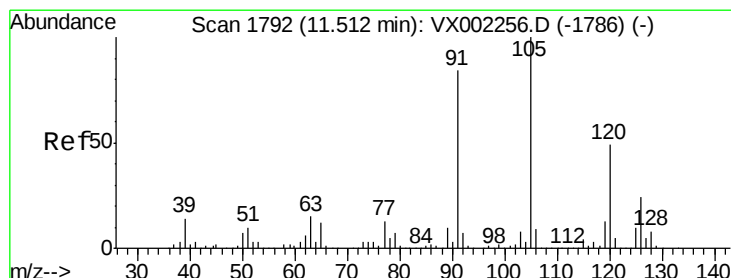
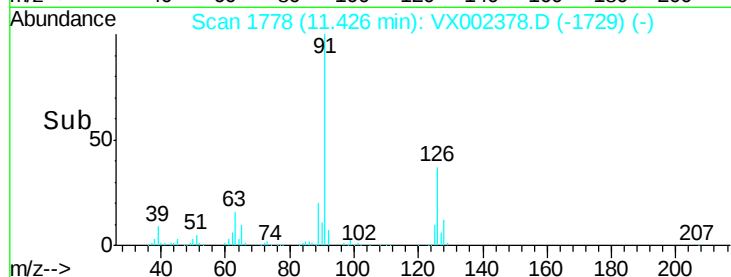
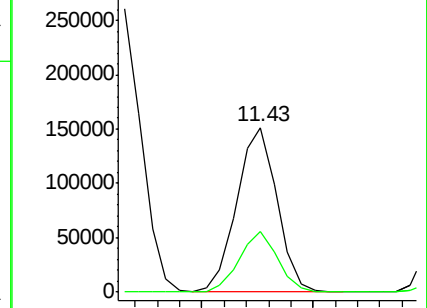
91 100

126 35.4 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: 19.846 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002378.D

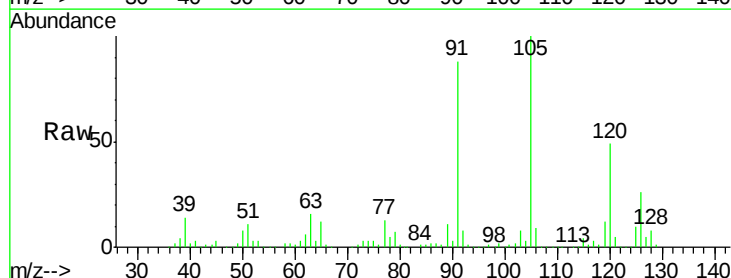
Acq: 07 Jun 2018 15:27

Tgt Ion:105 Resp: 237485

Ion Ratio Lower Upper

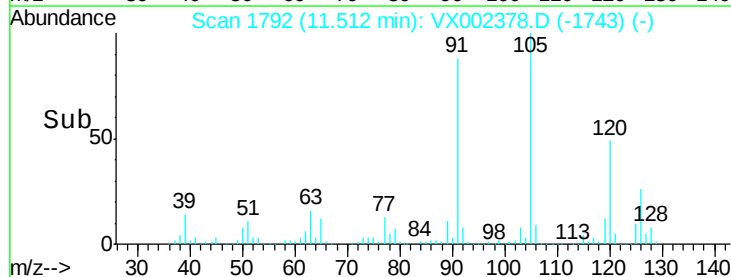
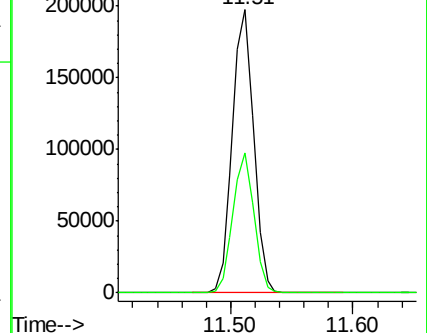
105 100

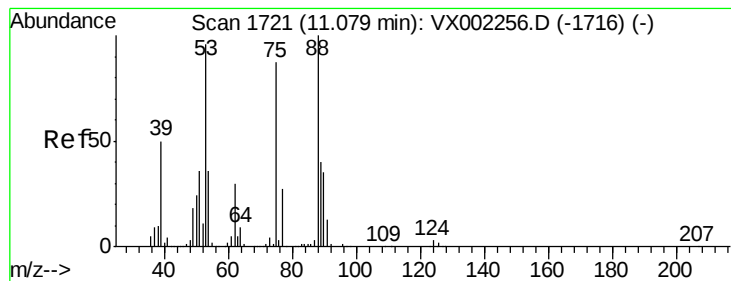
120 48.7 24.4 73.4



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: 14.664 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

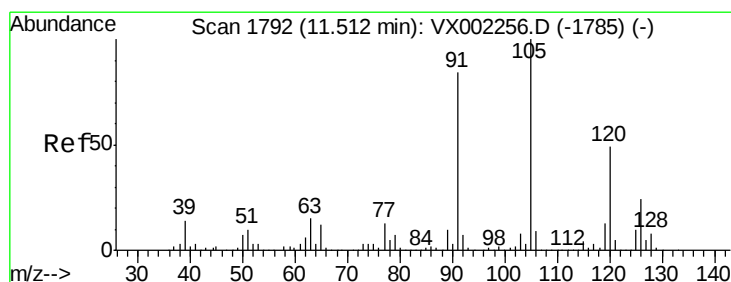
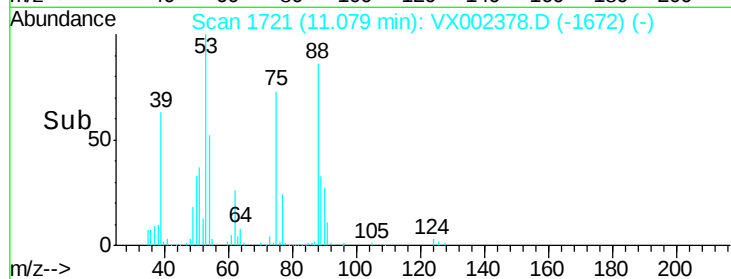
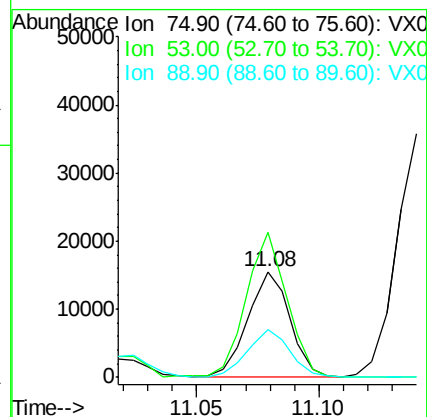
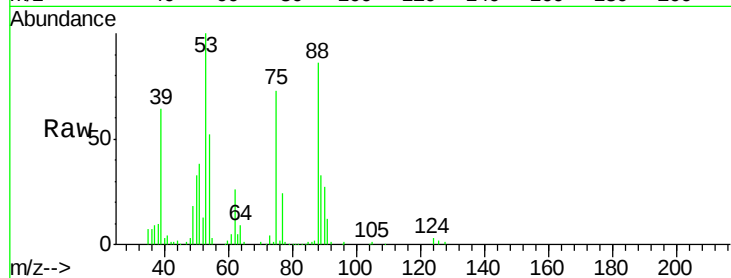
Tot Ion: 75 Resp: 18410

Ion Ratio Lower Upper

75 100

53 132.8 86.8 130.2#

89 45.6 38.2 57.2



#82

4-Chlorotoluene

Concen: 19.375 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002378.D

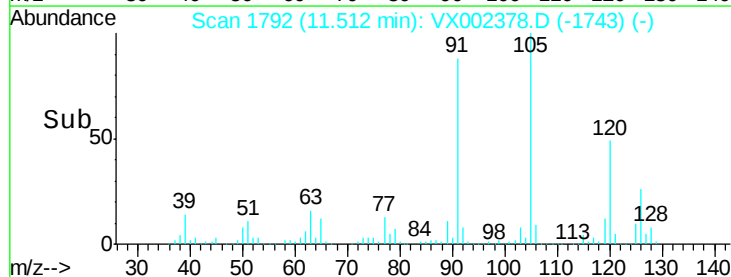
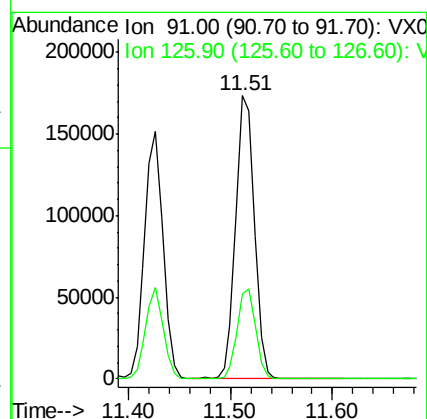
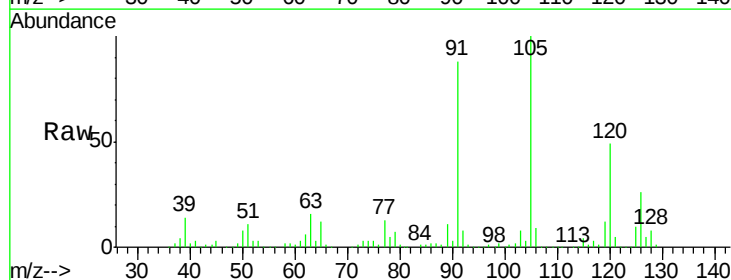
Acq: 07 Jun 2018 15:27

Tgt Ion: 91 Resp: 218978

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.4

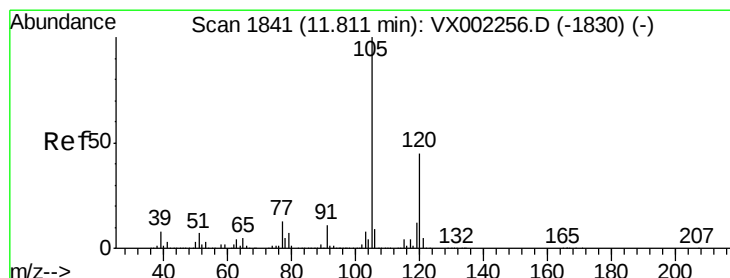
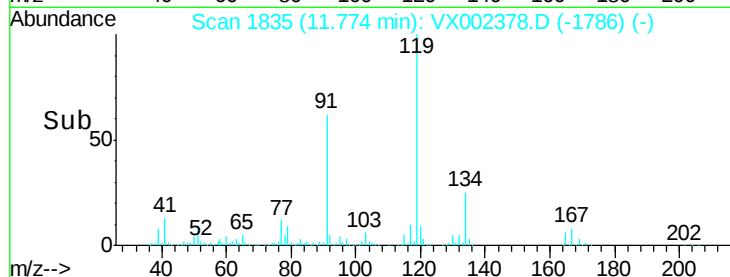
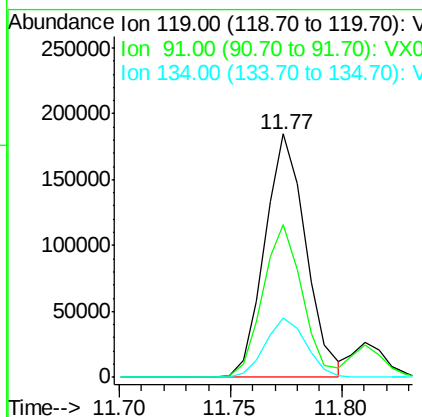
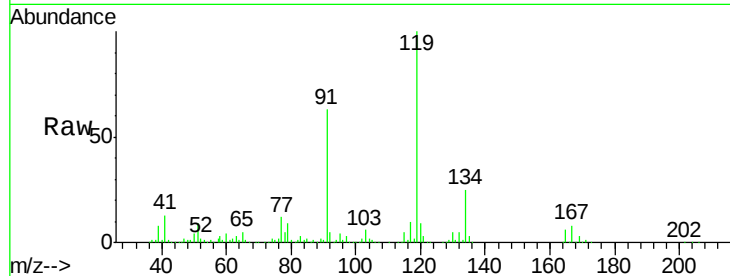




#83
tert-Butylbenzene
Concen: 20.286 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

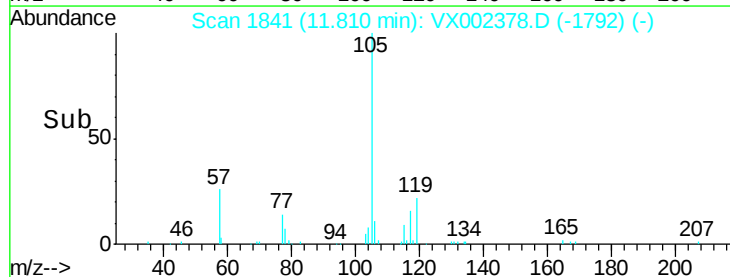
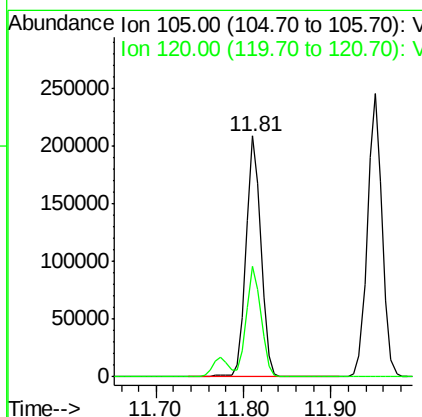
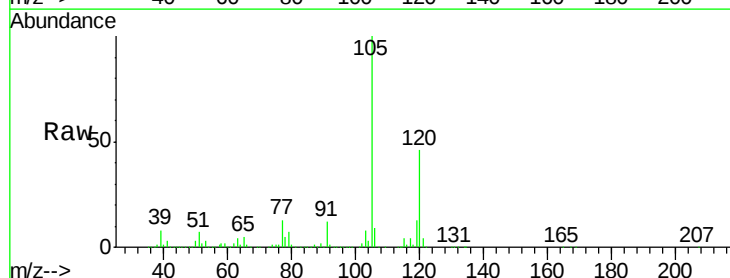
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

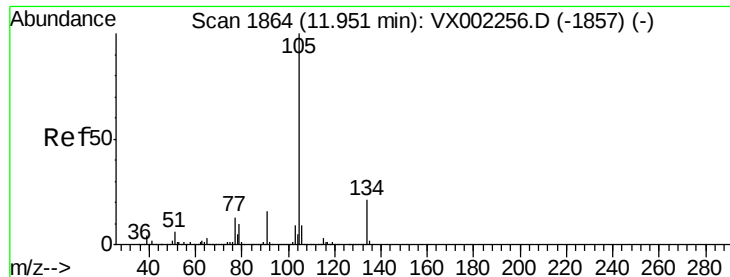
Tot Ion:119 Resp: 236390
Ion Ratio Lower Upper
119 100
91 61.0 30.3 90.9
134 24.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.065 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion:105 Resp: 247161
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.208 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampled :

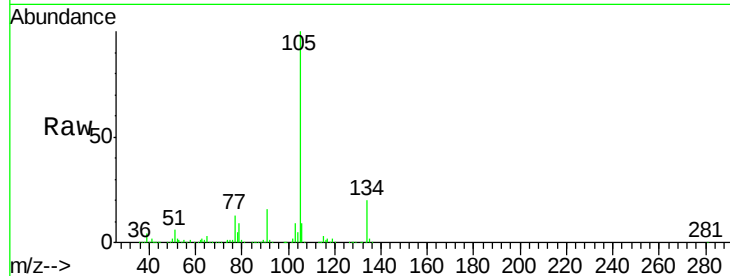
VX0607MBS01

Tot Ion:105 Resp: 289728

Ion Ratio Lower Upper

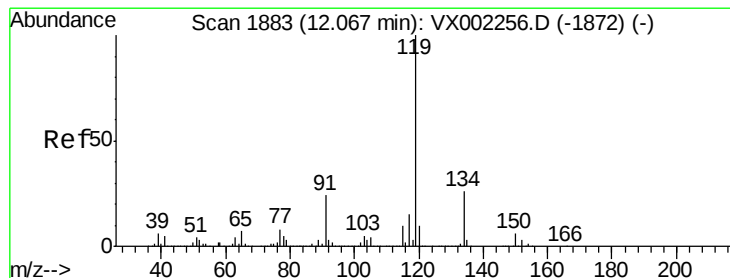
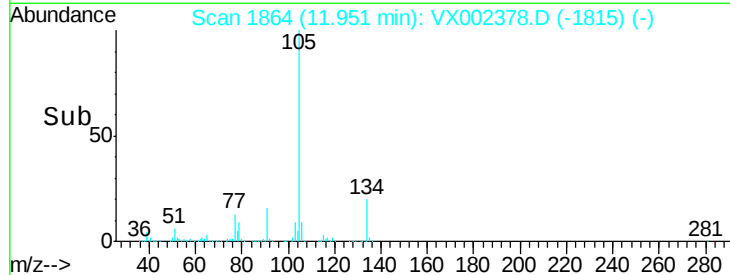
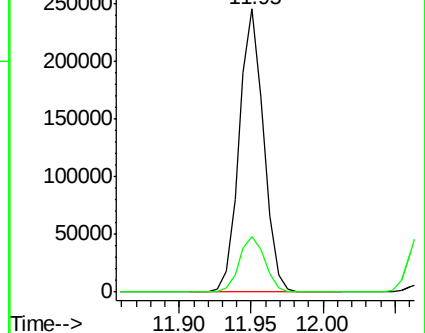
105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.701 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

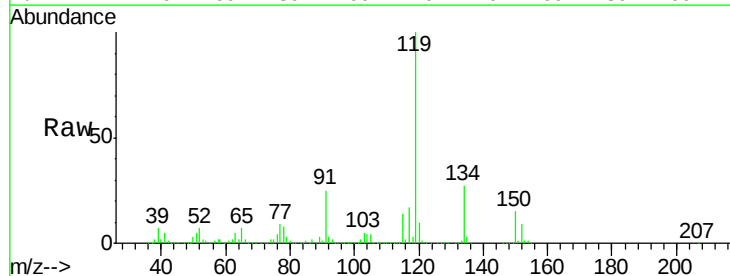
Tgt Ion:119 Resp: 257588

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

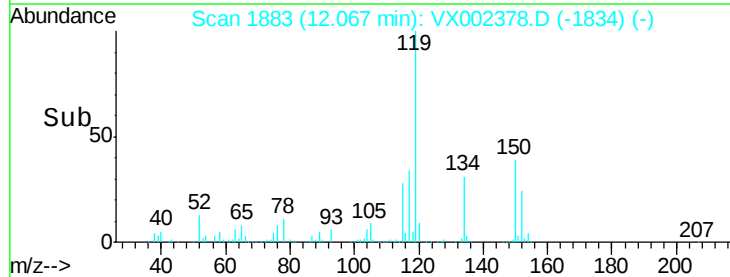
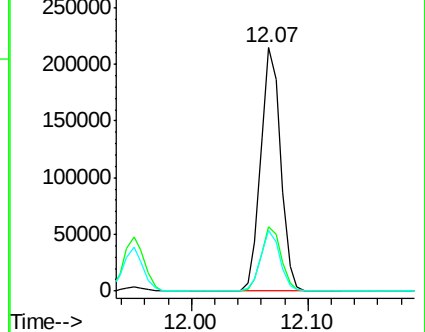
91 24.1 11.9 35.7

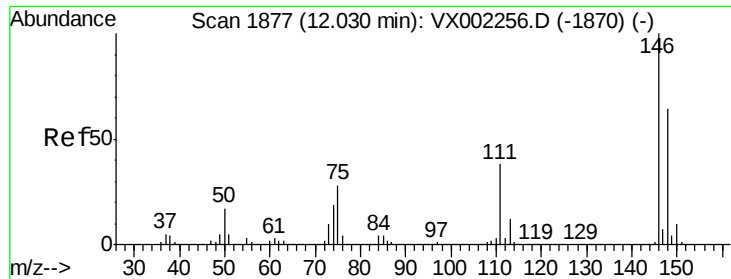


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

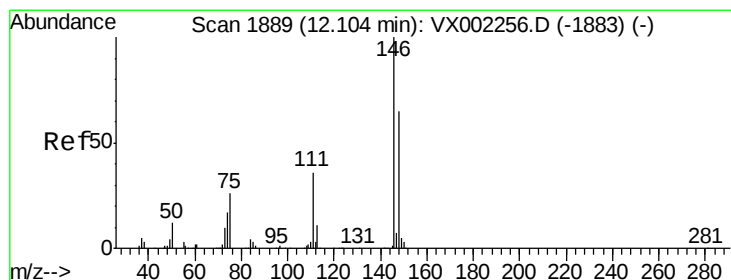
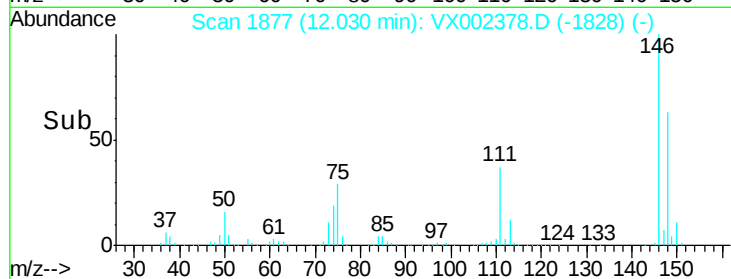
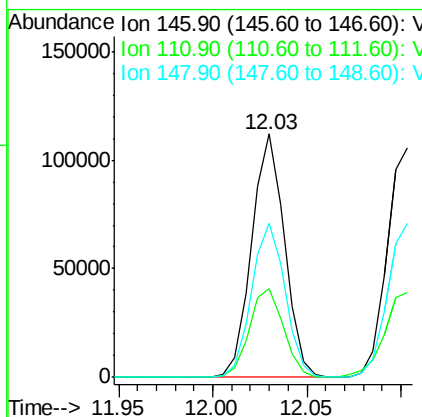
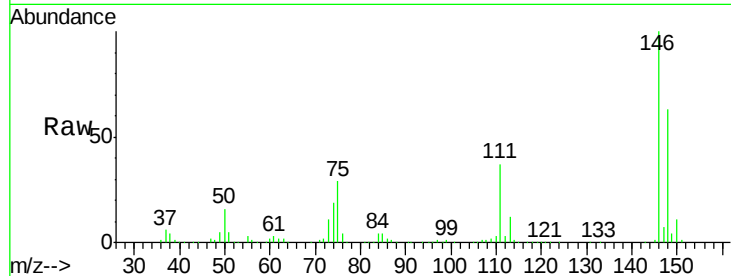




#87
 1,3-Dichlorobenzene
 Concen: 19.320 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

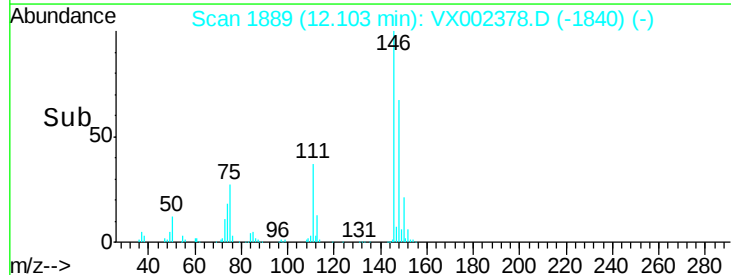
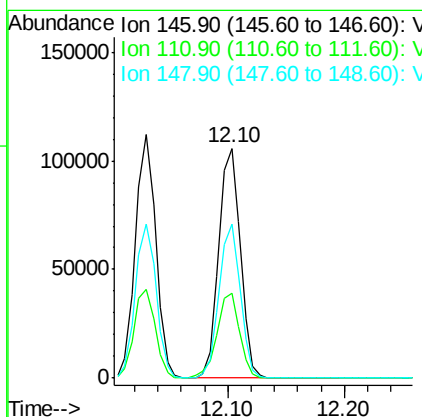
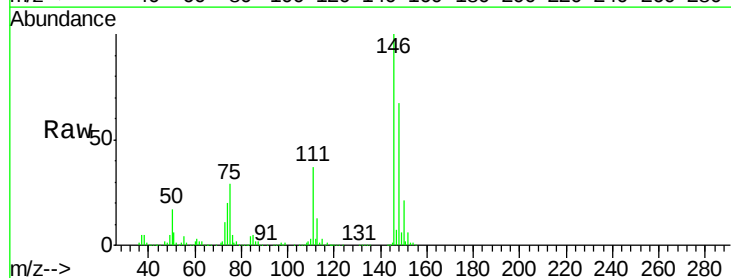
Instrument :
 MSVOA_X
 ClientSampled :
 VX0607MBS01

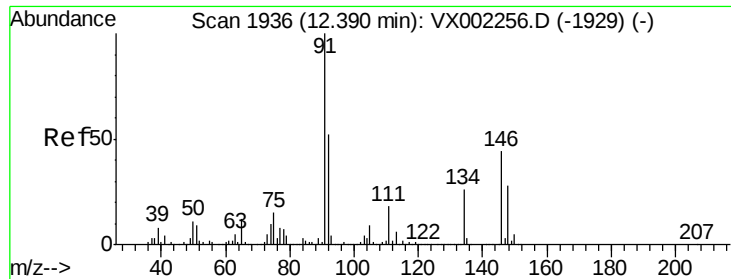
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	64.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.724 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.7	56.1
148	66.0	32.4	97.0

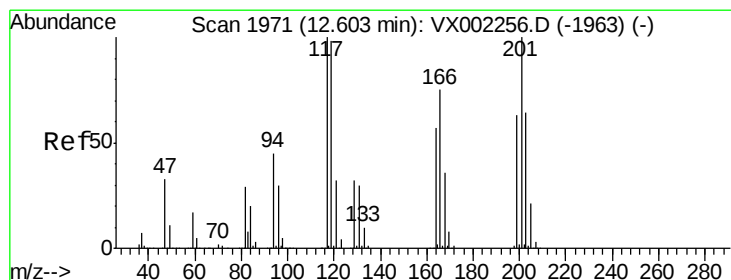
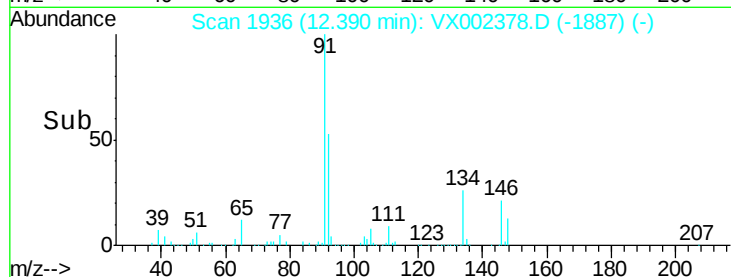
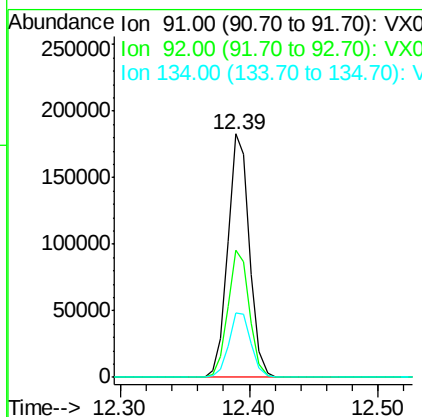
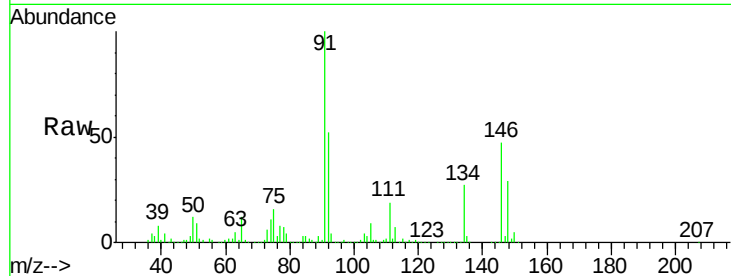




#89
n-Butylbenzene
Concen: 20.648 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

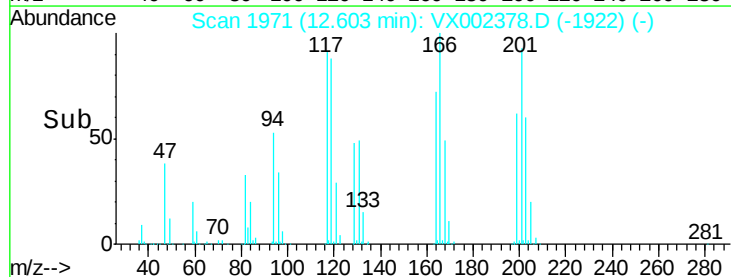
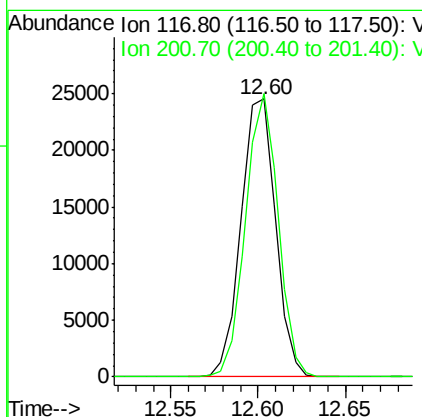
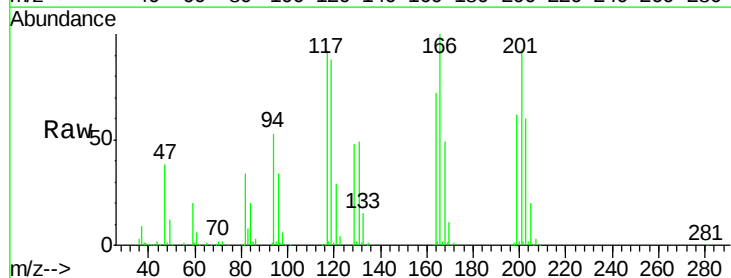
Instrument :
MSVOA_X
ClientSampleId :
VX0607MBS01

Tot Ion: 91 Resp: 215490
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 27.5 13.5 40.5



#90
Hexachloroethane
Concen: 17.020 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002378.D
Acq: 07 Jun 2018 15:27

Tgt Ion: 117 Resp: 33807
Ion Ratio Lower Upper
117 100
201 95.8 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 19.327 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

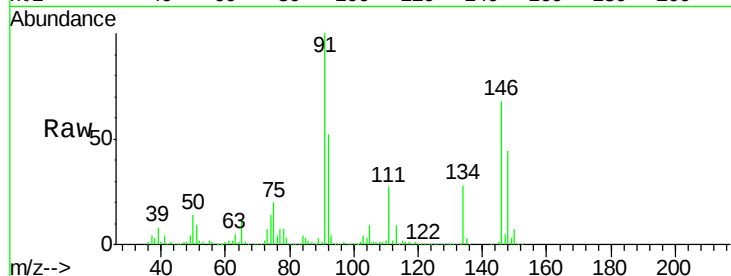
Tot Ion:146 Resp: 140039

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.1

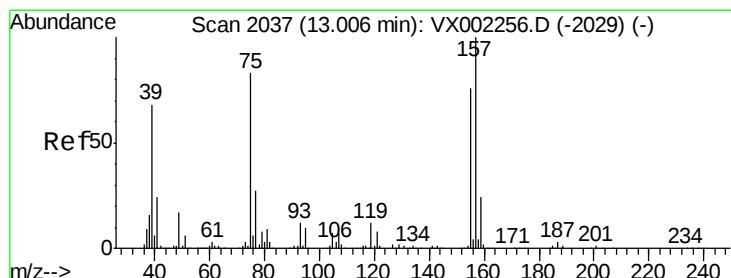
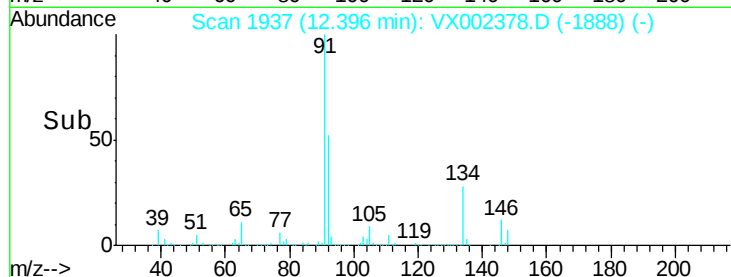
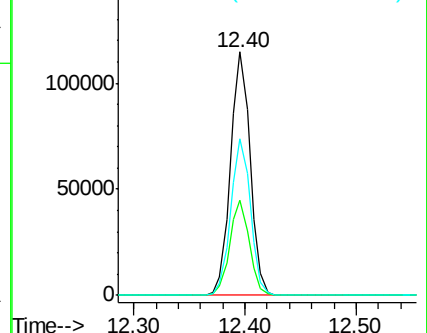
148 64.2 31.7 95.1



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: 17.302 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

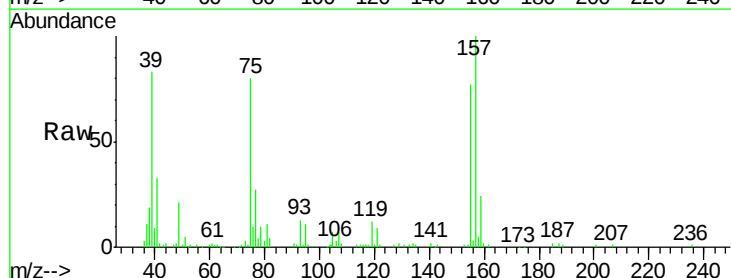
Tgt Ion: 75 Resp: 16602

Ion Ratio Lower Upper

75 100

155 94.2 45.8 137.4

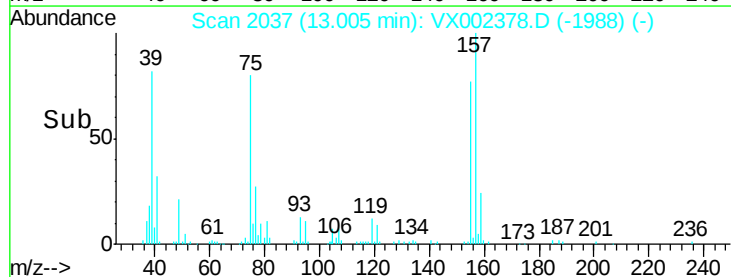
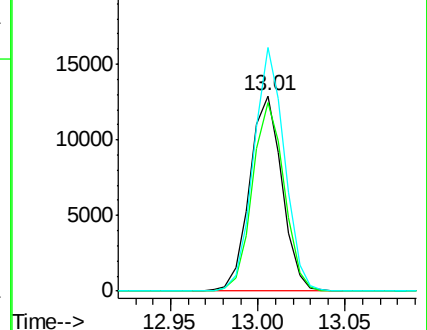
157 118.9 60.1 180.3

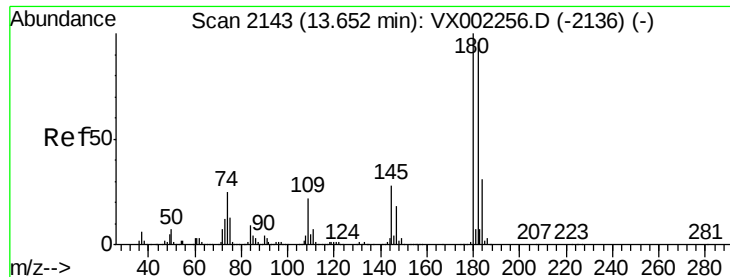


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

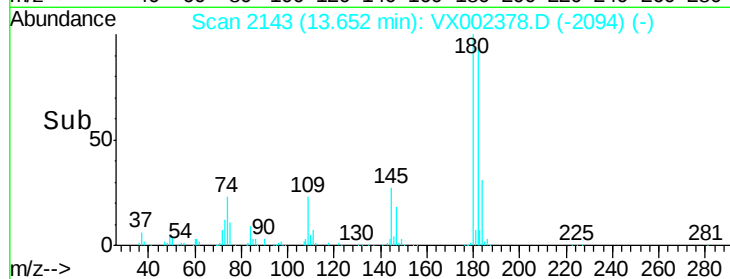
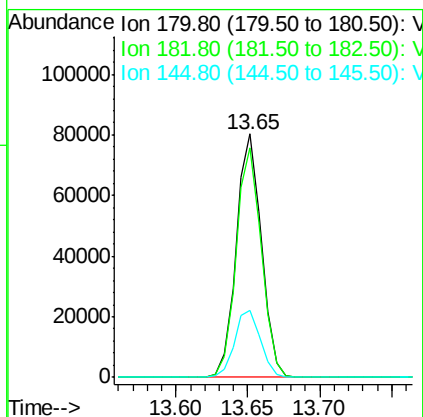
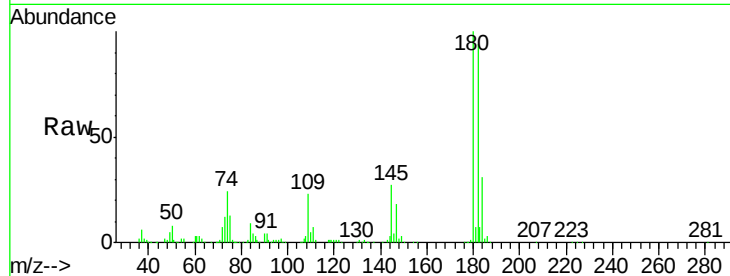




#93
 1,2,4-Trichlorobenzene
 Concen: 19.219 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

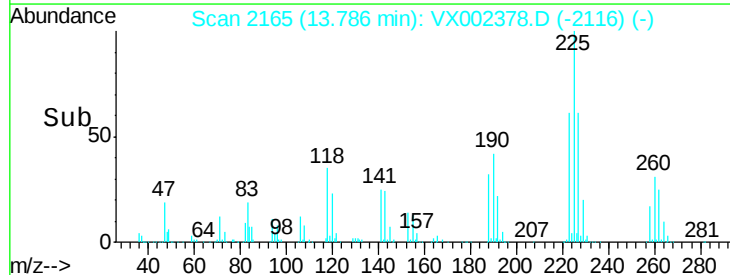
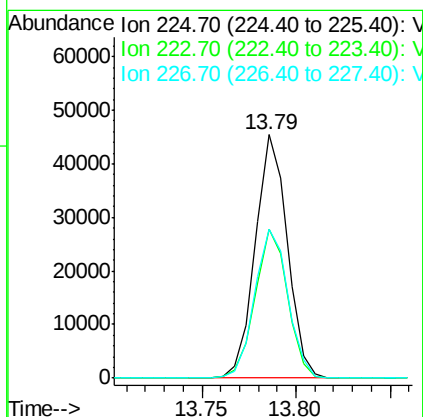
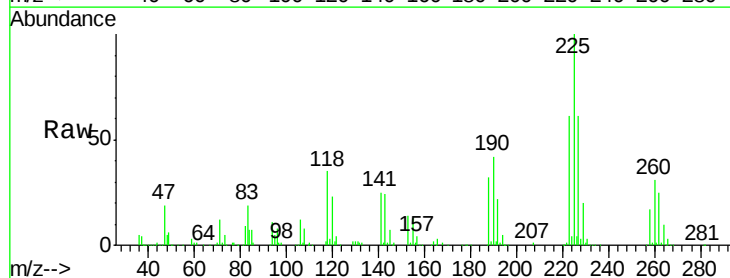
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607MBS01

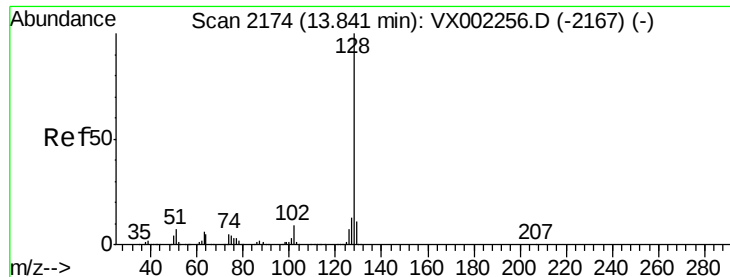
Tot Ion:180 Resp: 97647
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 28.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 21.325 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002378.D
 Acq: 07 Jun 2018 15:27

Tgt Ion:225 Resp: 53541
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.6 95.0
 227 63.6 32.4 97.2





#95

Naphthalene

Concen: 19.873 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

Instrument :

MSVOA_X

ClientSampleId :

VX0607MBS01

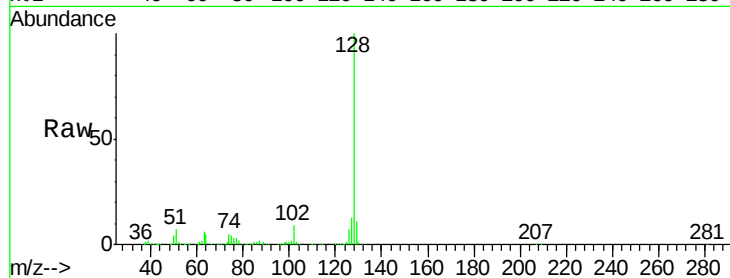
Tot Ion:128 Resp: 290103

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

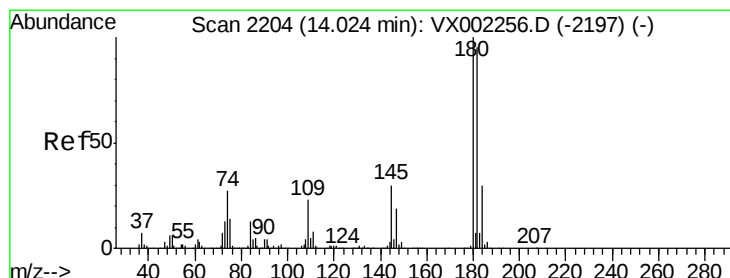
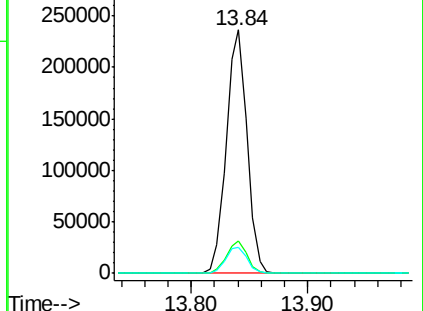
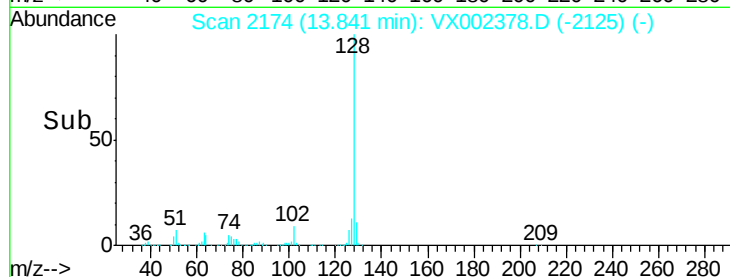
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.706 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002378.D

Acq: 07 Jun 2018 15:27

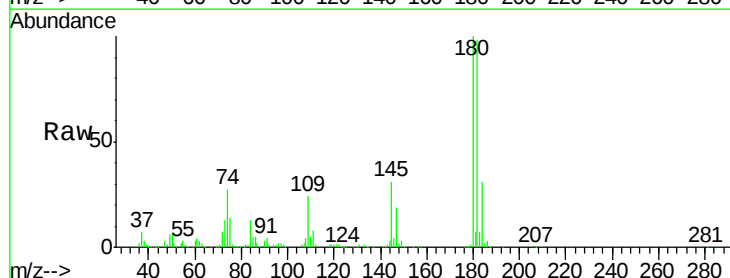
Tgt Ion:180 Resp: 102110

Ion Ratio Lower Upper

180 100

182 97.5 48.0 144.0

145 30.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

