

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011519\
 Data File : VX007063.D
 Acq On : 15 Jan 2019 17:20
 Operator : JC/SP
 Sample : VX0115WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

Quant Time: Jan 16 00:06:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	485897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	720450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	669007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	339924	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	254638	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.51	113	230114	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	8.71	98	859287	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	310131	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	88452	22.167	ug/l	97
3) Chloromethane	1.33	50	98524	21.210	ug/l	99
4) Vinyl Chloride	1.41	62	103071	20.628	ug/l	97
5) Bromomethane	1.64	94	106588	19.966	ug/l	97
6) Chloroethane	1.72	64	69397	19.891	ug/l	97
7) Trichlorofluoromethane	1.93	101	169301	20.970	ug/l	95
8) Diethyl Ether	2.19	74	64506	20.083	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98734	20.427	ug/l	98
10) Methyl Iodide	2.51	142	144456	22.156	ug/l	99
11) Tert butyl alcohol	3.07	59	133932	111.808	ug/l	100
12) 1,1-Dichloroethene	2.37	96	91827	20.562	ug/l	97
13) Acrolein	2.29	56	68647	134.321	ug/l	99
14) Allyl chloride	2.73	41	156591	20.460	ug/l	98
15) Acrylonitrile	3.15	53	293632	106.780	ug/l	98
16) Acetone	2.45	43	284116	113.175	ug/l	97
17) Carbon Disulfide	2.57	76	199378	17.341	ug/l	100
18) Methyl Acetate	2.78	43	158011	21.735	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	324201	20.916	ug/l	100
20) Methylene Chloride	2.86	84	105940	21.869	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97027	19.497	ug/l	96
22) Diisopropyl ether	3.87	45	295788	20.557	ug/l	94
23) Vinyl Acetate	3.82	43	1213377	99.997	ug/l	100
24) 1,1-Dichloroethane	3.70	63	164916	20.498	ug/l	97
25) 2-Butanone	4.70	43	394900	109.937	ug/l	97
26) 2,2-Dichloropropane	4.59	77	113949	18.418	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	109970	20.033	ug/l	98
28) Bromochloromethane	5.02	49	70238	19.926	ug/l	92
29) Tetrahydrofuran	5.15	42	247567	106.052	ug/l	98
30) Chloroform	5.21	83	177544	21.077	ug/l	100
31) Cyclohexane	5.58	56	143636	20.059	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	144639	20.258	ug/l	98
36) 1,1-Dichloropropene	5.80	75	123975	19.793	ug/l	99
37) Ethyl Acetate	4.85	43	140789	20.965	ug/l	99
38) Carbon Tetrachloride	5.78	117	121541	19.286	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

Quant Time: Jan 16 00:06:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155997	19.535	ug/l	97
40) Benzene	6.14	78	391941	20.507	ug/l	100
41) Methacrylonitrile	5.06	41	77120	19.935	ug/l	99
42) 1,2-Dichloroethane	6.20	62	133836	20.264	ug/l	100
43) Isopropyl Acetate	6.46	43	216806	20.468	ug/l	98
44) Trichloroethene	7.21	130	111425	19.455	ug/l	96
45) 1,2-Dichloropropane	7.52	63	98771	20.556	ug/l	98
46) Dibromomethane	7.66	93	70358	20.835	ug/l	99
47) Bromodichloromethane	7.90	83	114508	19.921	ug/l	96
48) Methyl methacrylate	7.77	41	113023	20.778	ug/l	98
49) 1,4-Dioxane	7.75	88	57446	457.785	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	768308	112.865	ug/l	99
52) Toluene	8.78	92	255917	20.833	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	122305	19.189	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	138396	19.662	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105465	21.449	ug/l	98
56) Ethyl methacrylate	9.18	69	152390	21.230	ug/l	97
57) 1,3-Dichloropropane	9.37	76	171390	21.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	396388	107.403	ug/l	99
59) 2-Hexanone	9.49	43	583298	112.441	ug/l	99
60) Dibromochloromethane	9.58	129	99038	20.743	ug/l	96
61) 1,2-Dibromoethane	9.67	107	111916	20.675	ug/l	98
64) Tetrachloroethene	9.34	164	118481	20.456	ug/l	99
65) Chlorobenzene	10.14	112	293099	20.087	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98216	20.009	ug/l	98
67) Ethyl Benzene	10.25	91	477912	19.840	ug/l	99
68) m/p-Xylenes	10.36	106	378469	39.879	ug/l	98
69) o-Xylene	10.70	106	189389	20.462	ug/l	99
70) Styrene	10.71	104	303229	20.685	ug/l	99
71) Bromoform	10.86	173	70395	19.242	ug/l #	99
73) Isopropylbenzene	11.02	105	494399	20.626	ug/l	99
74) N-amyl acetate	10.90	43	194427	20.147	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	159848	21.006	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	172813	25.088	ug/l	92
77) Bromobenzene	11.26	156	138254	20.933	ug/l	98
78) n-propylbenzene	11.36	91	549888	20.898	ug/l	99
79) 2-Chlorotoluene	11.42	91	330738	20.881	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	409738	20.458	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35829	18.292	ug/l	87
82) 4-Chlorotoluene	11.51	91	375328	20.465	ug/l	100
83) tert-Butylbenzene	11.77	119	414256	20.731	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	421588	20.933	ug/l	99
85) sec-Butylbenzene	11.94	105	496325	20.797	ug/l	99
86) p-Isopropyltoluene	12.06	119	440604	20.641	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	239920	20.098	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	242274	21.503	ug/l	99
89) n-Butylbenzene	12.39	91	366805	20.157	ug/l	98
90) Hexachloroethane	12.60	117	59641	19.392	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	243450	20.665	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30117	20.012	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

Quant Time: Jan 16 00:06:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

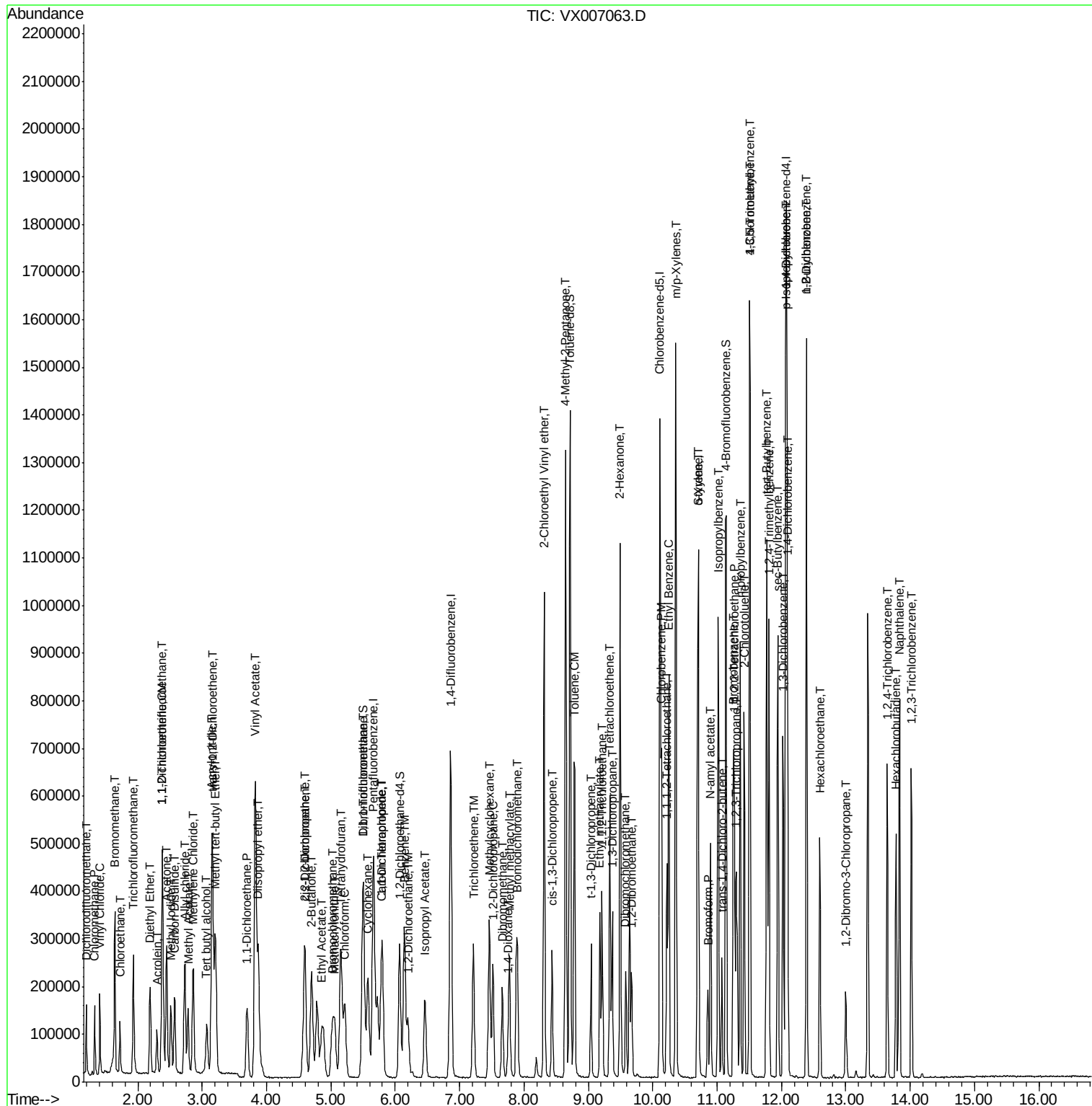
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	161603	19.995	ug/l	99
94) Hexachlorobutadiene	13.78	225	75296	20.993	ug/l	99
95) Naphthalene	13.83	128	501393	20.472	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	160205	19.954	ug/l	99

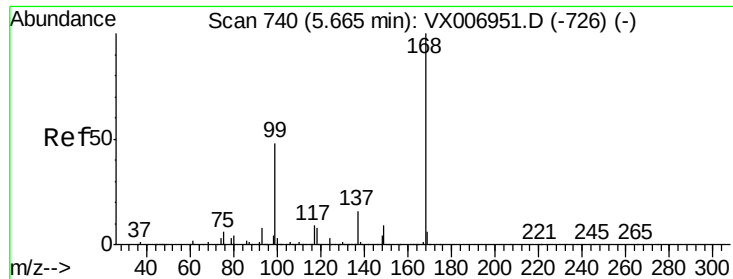
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011519\
 Data File : VX007063.D
 Acq On : 15 Jan 2019 17:20
 Operator : JC/SP
 Sample : VX0115WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

Quant Time: Jan 16 00:06:05 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

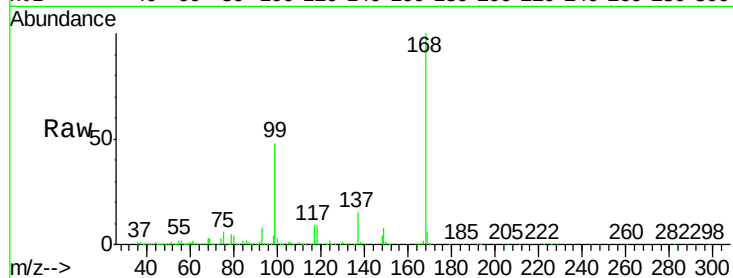
VX0115WBSD02

Tot Ion:168 Resp: 485897

Ion Ratio Lower Upper

168 100

99 48.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

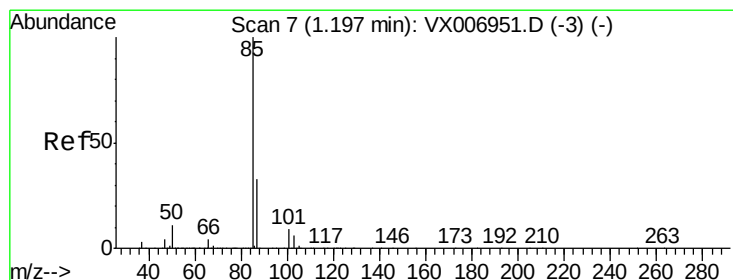
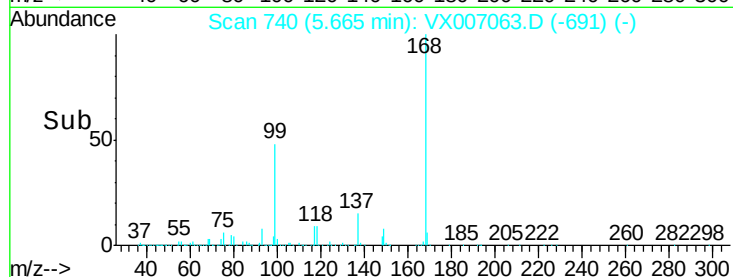
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.167 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007063.D

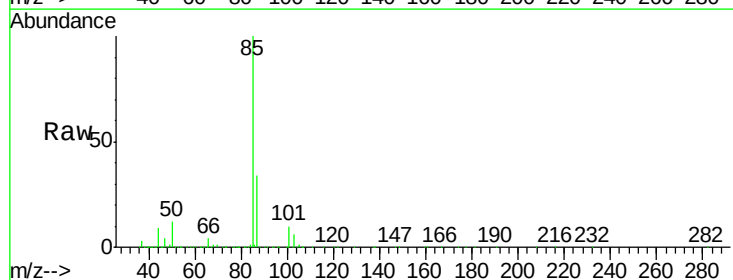
Acq: 15 Jan 2019 17:20

Tgt Ion: 85 Resp: 88452

Ion Ratio Lower Upper

85 100

87 33.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

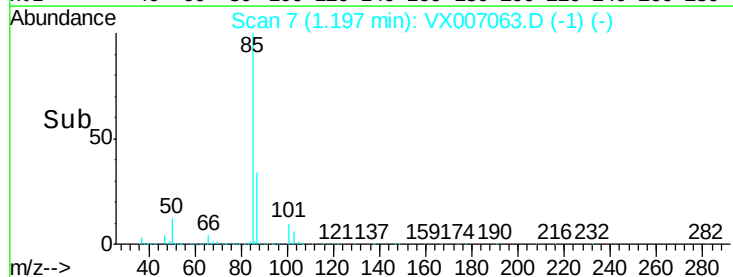
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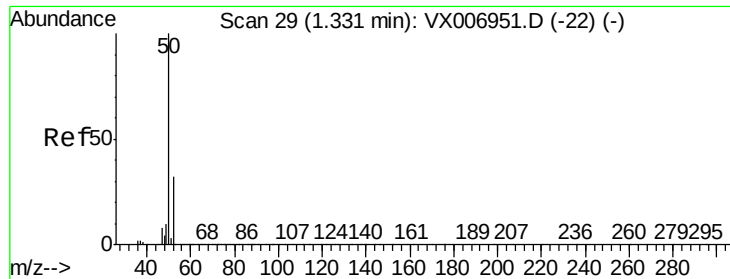
40000

20000

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Time-->





#3

Chloromethane

Concen: 21.210 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

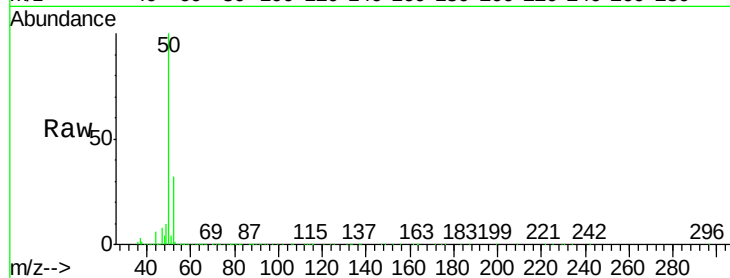
VX0115WBSD02

Tot Ion: 50 Resp: 98524

Ion Ratio Lower Upper

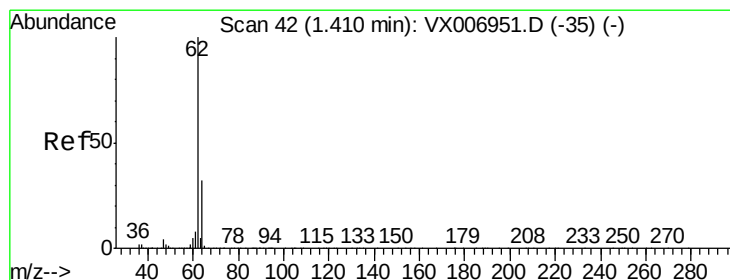
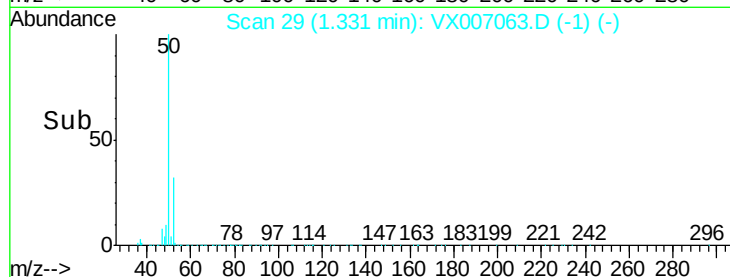
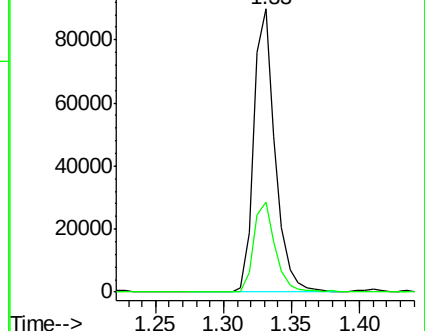
50 100

52 31.4 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.628 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007063.D

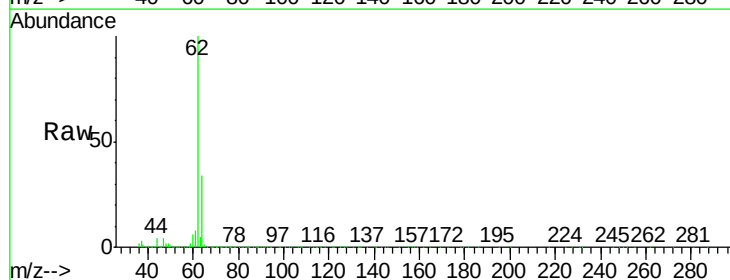
Acq: 15 Jan 2019 17:20

Tgt Ion: 62 Resp: 103071

Ion Ratio Lower Upper

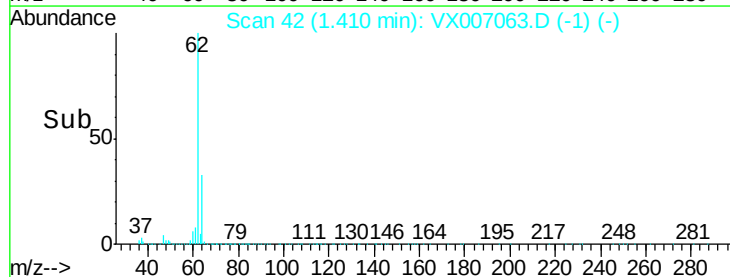
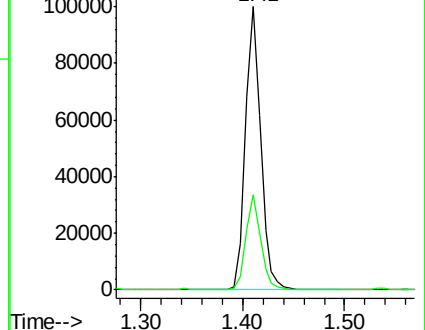
62 100

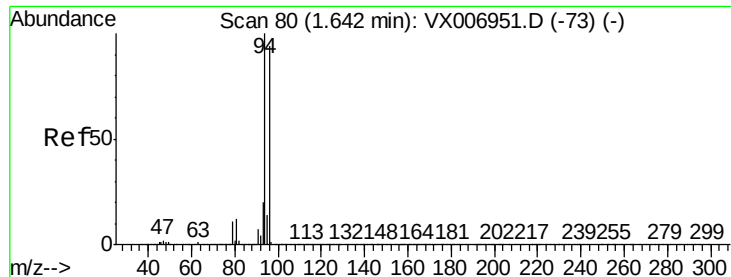
64 33.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.966 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

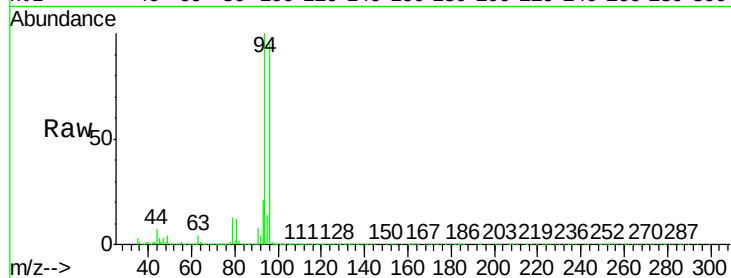
VX0115WBSD02

Tot Ion: 94 Resp: 106588

Ion Ratio Lower Upper

94 100

96 94.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

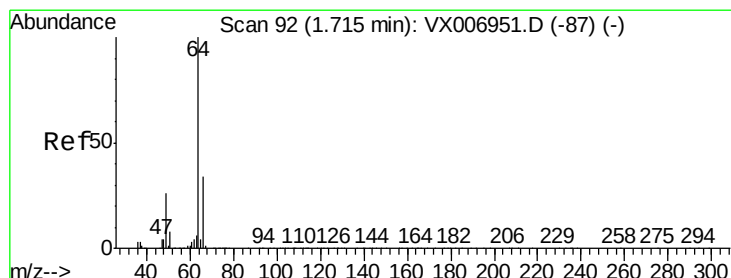
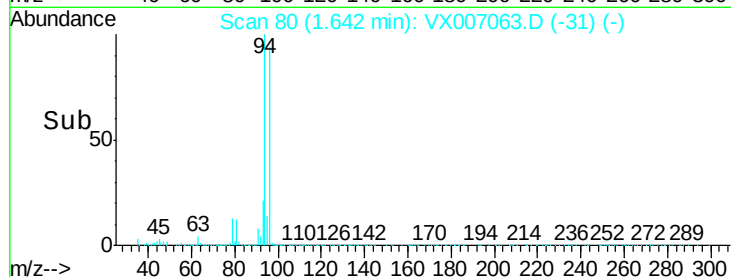
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 19.891 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007063.D

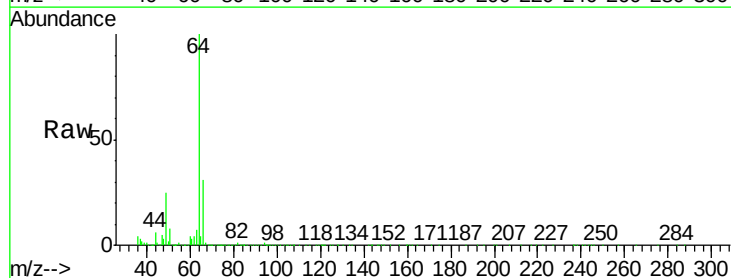
Acq: 15 Jan 2019 17:20

Tgt Ion: 64 Resp: 69397

Ion Ratio Lower Upper

64 100

66 31.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

60000

50000

40000

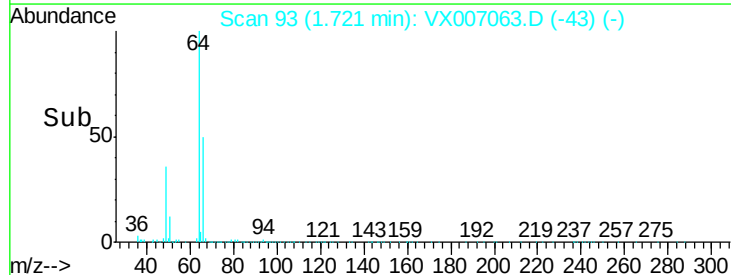
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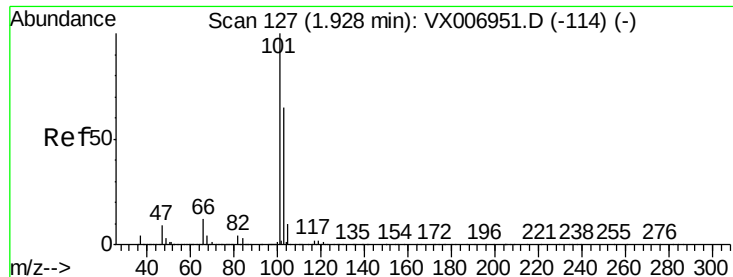
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Time-->



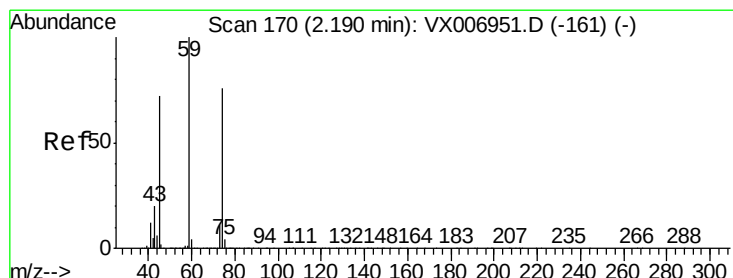
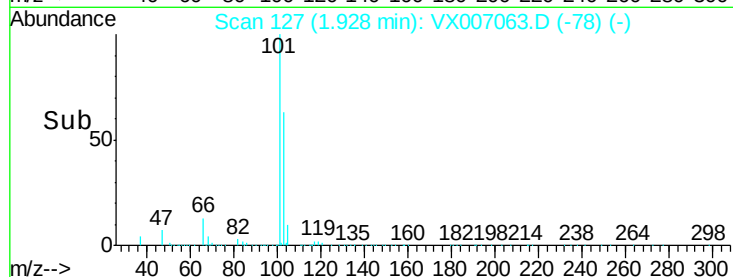
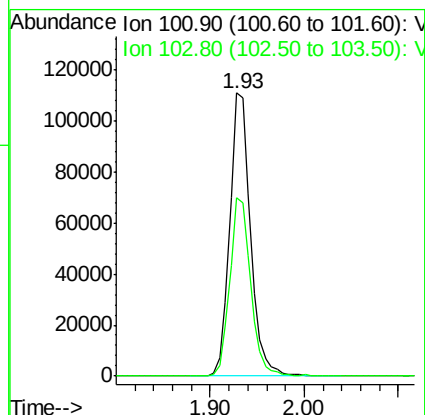
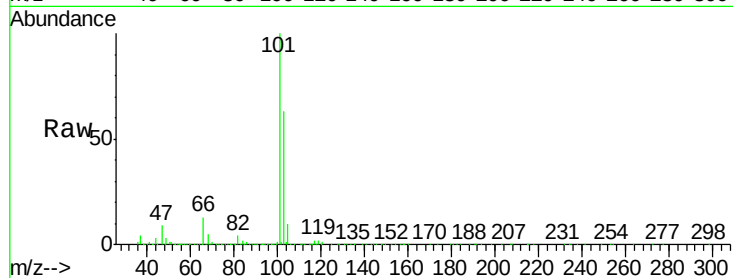


#7

Trichlorofluoromethane
Concen: 20.970 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

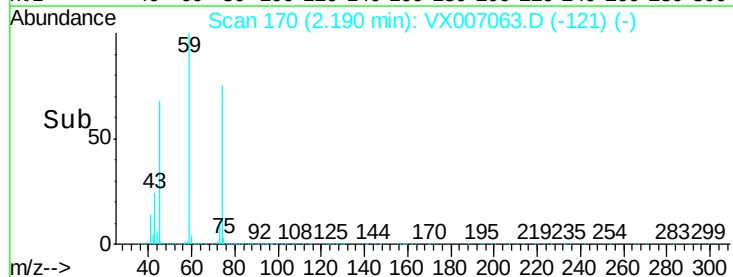
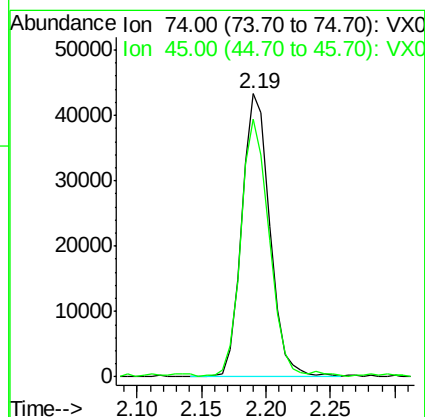
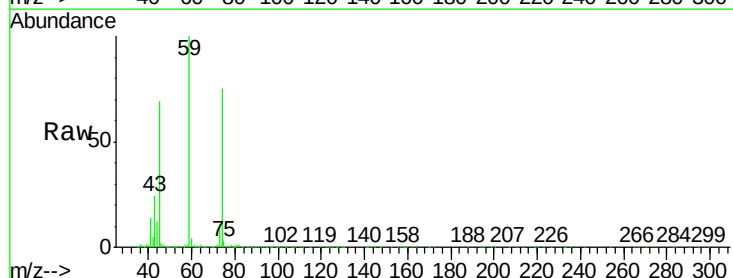
Tot Ion:101 Resp: 169301
Ion Ratio Lower Upper
101 100
103 62.7 53.2 79.8

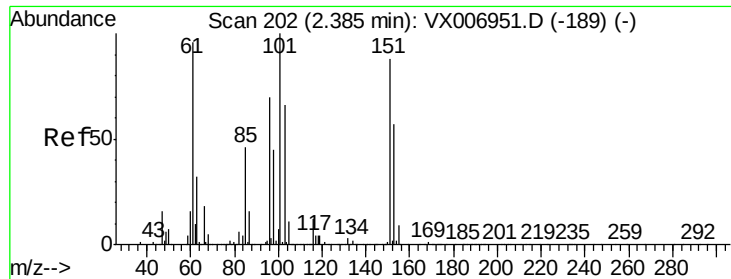


#8

Diethyl Ether
Concen: 20.083 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion: 74 Resp: 64506
Ion Ratio Lower Upper
74 100
45 91.7 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.427 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

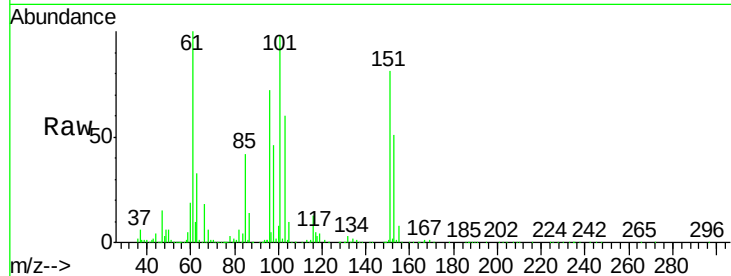
Tot Ion:101 Resp: 98734

Ion Ratio Lower Upper

101 100

85 44.7 35.1 52.7

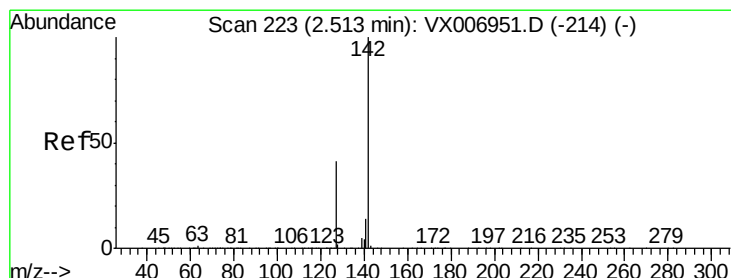
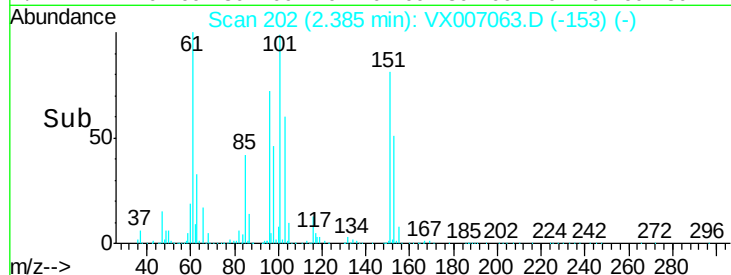
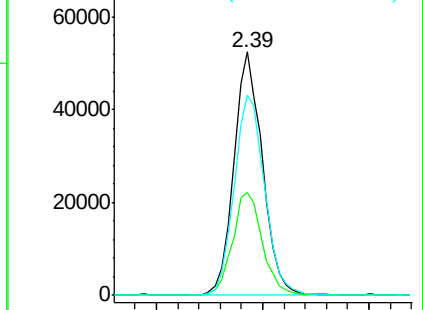
151 87.8 68.9 103.3



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: 22.156 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

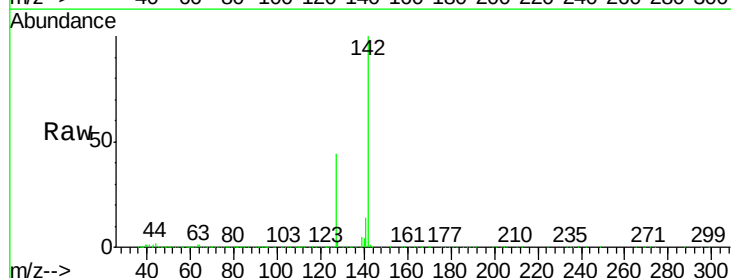
Tgt Ion:142 Resp: 144456

Ion Ratio Lower Upper

142 100

127 43.4 33.9 50.9

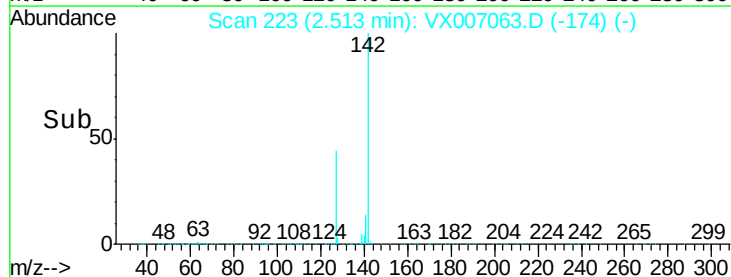
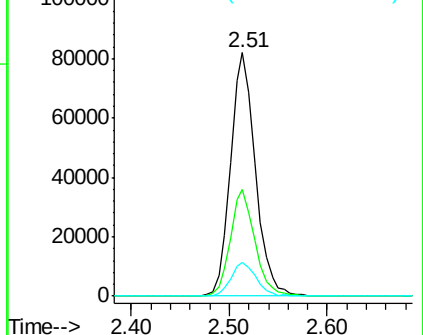
141 14.2 11.4 17.0

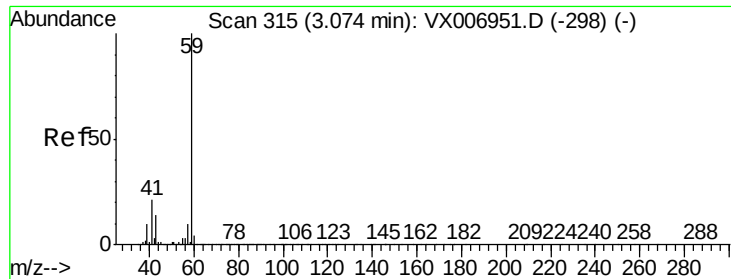


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



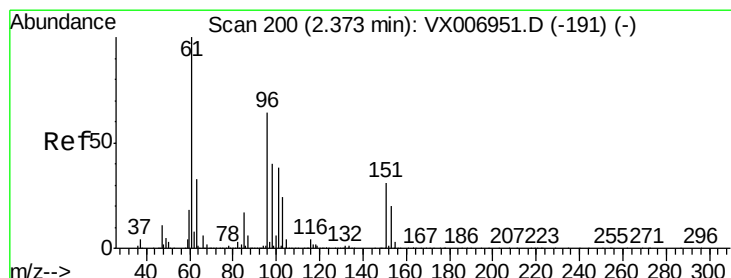
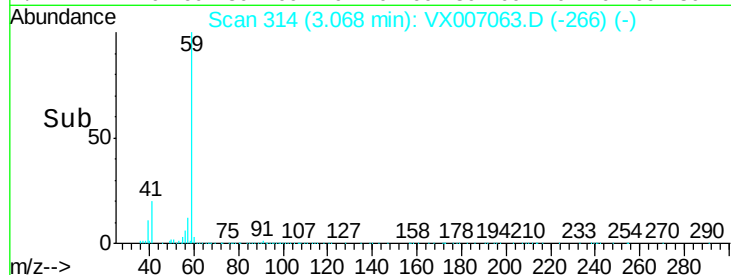
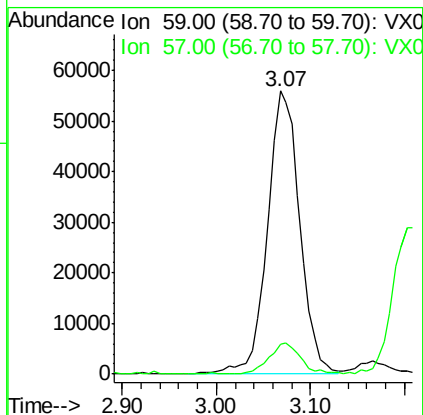
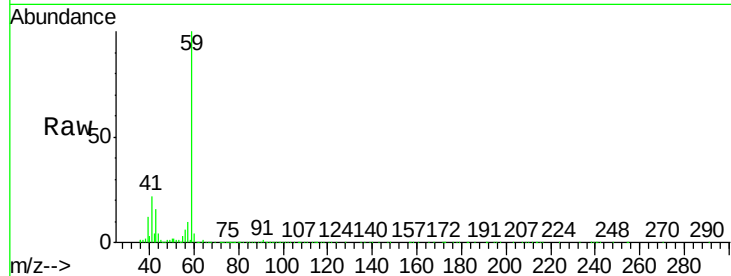


#11

Tert butyl alcohol
Concen: 111.808 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

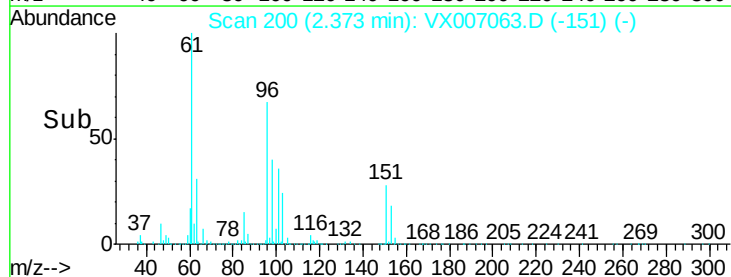
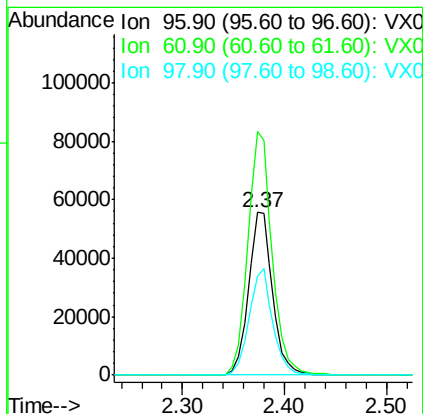
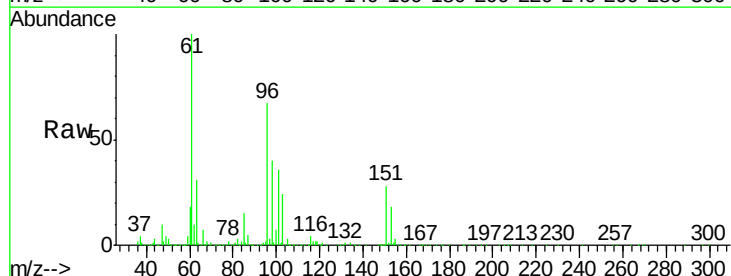
Tot Ion: 59 Resp: 133932
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

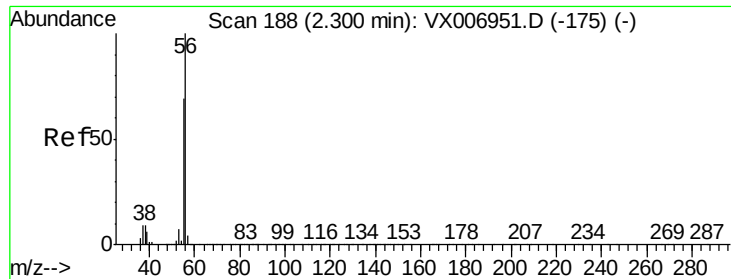


#12

1,1-Dichloroethene
Concen: 20.562 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion: 96 Resp: 91827
Ion Ratio Lower Upper
96 100
61 149.8 121.4 182.2
98 60.4 51.9 77.9





#13

Acrolein

Concen: 134.321 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

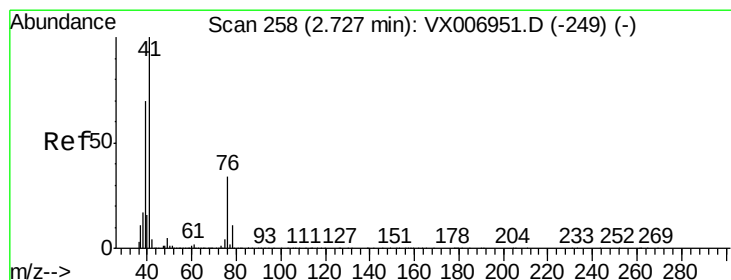
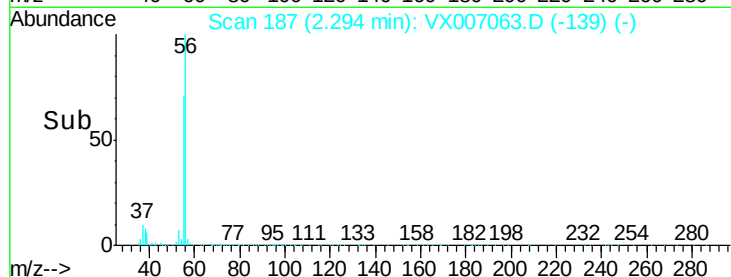
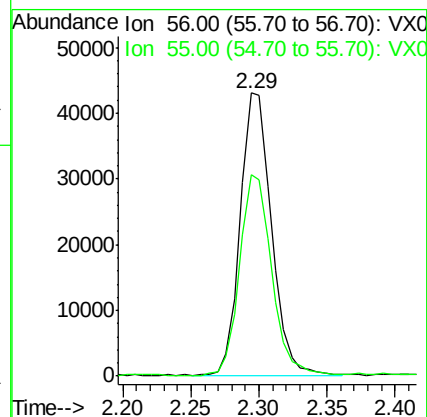
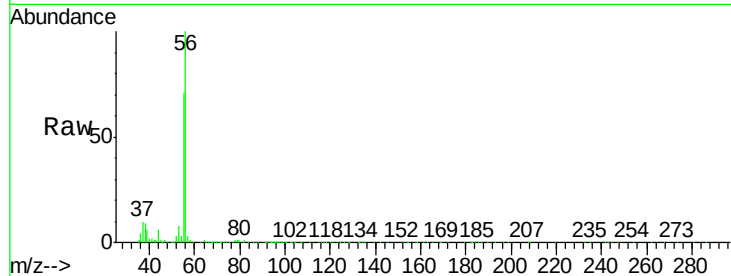
VX0115WBSD02

Tot Ion: 56 Resp: 68647

Ion Ratio Lower Upper

56 100

55 73.6 58.2 87.4



#14

Allyl chloride

Concen: 20.460 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

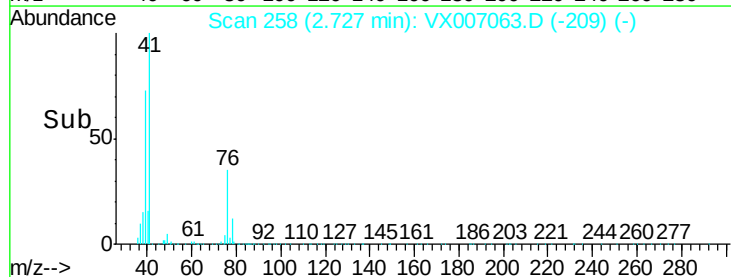
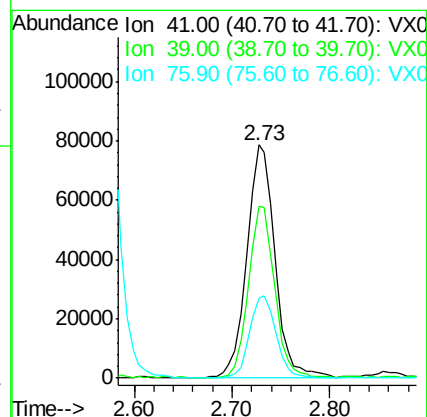
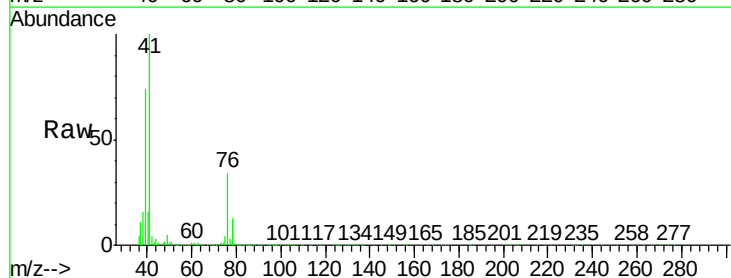
Tgt Ion: 41 Resp: 156591

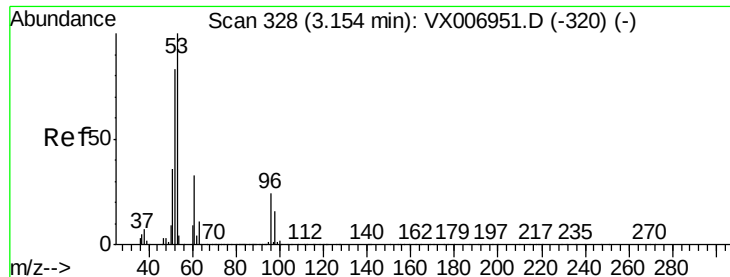
Ion Ratio Lower Upper

41 100

39 68.0 53.6 80.4

76 32.8 27.4 41.2





#15

Acrylonitrile

Concen: 106.780 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

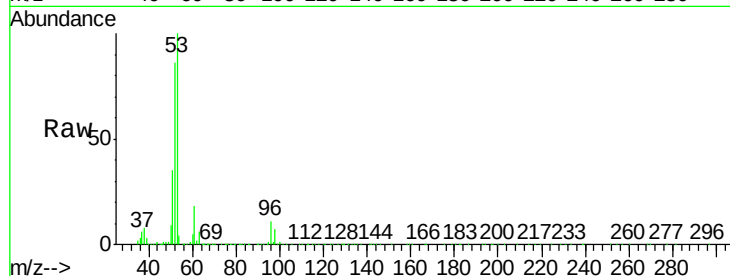
Tot Ion: 53 Resp: 293632

Ion Ratio Lower Upper

53 100

52 84.4 66.0 99.0

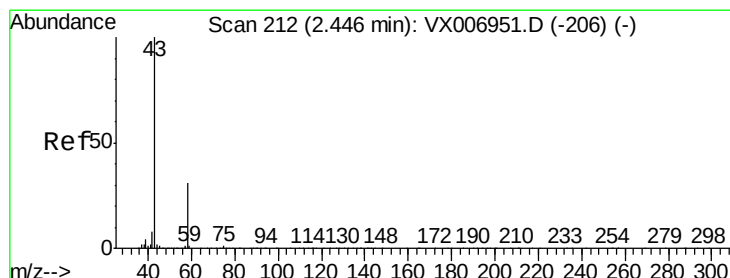
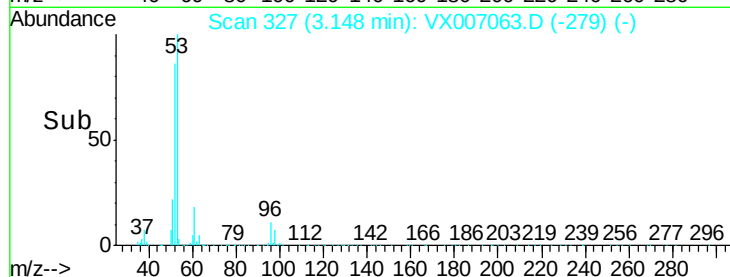
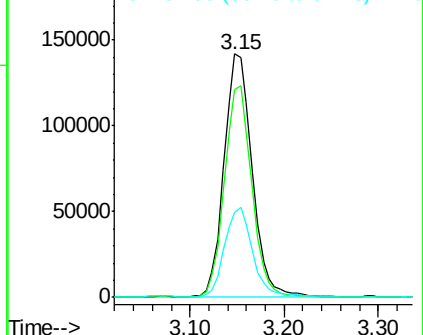
51 36.6 28.6 42.8



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: 113.175 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007063.D

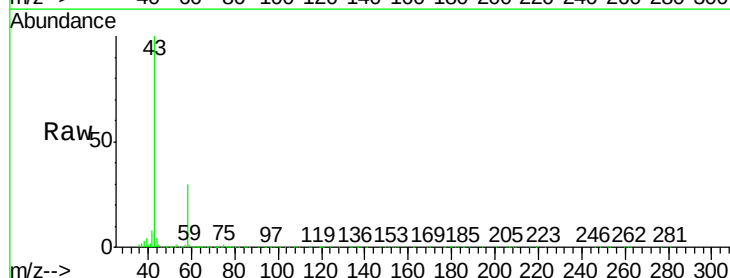
Acq: 15 Jan 2019 17:20

Tgt Ion: 43 Resp: 284116

Ion Ratio Lower Upper

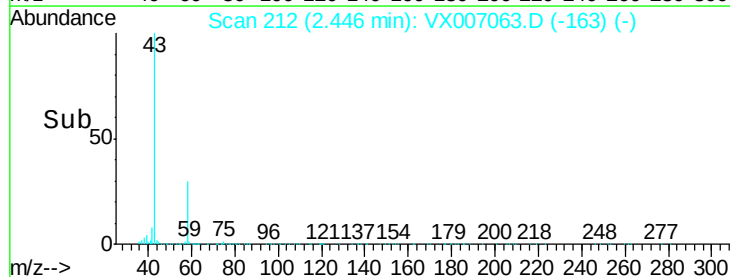
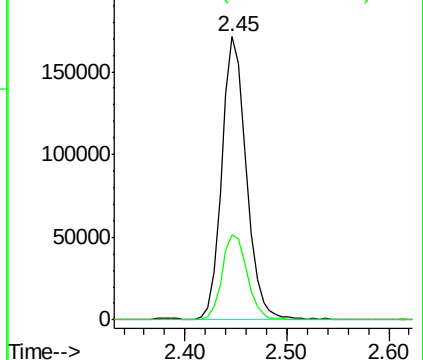
43 100

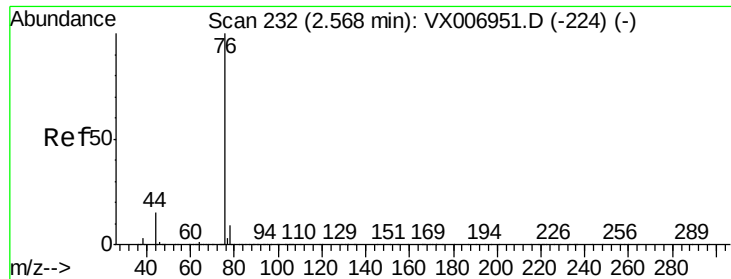
58 29.9 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.341 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

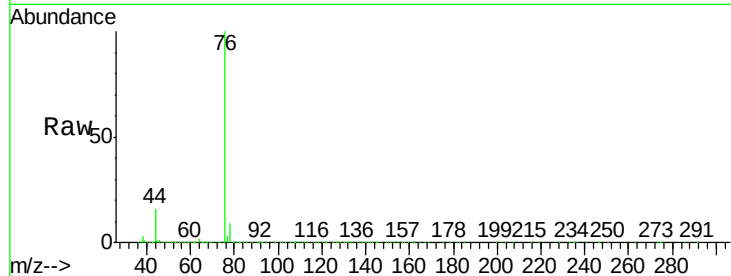
VX0115WBSD02

Tot Ion: 76 Resp: 199378

Ion Ratio Lower Upper

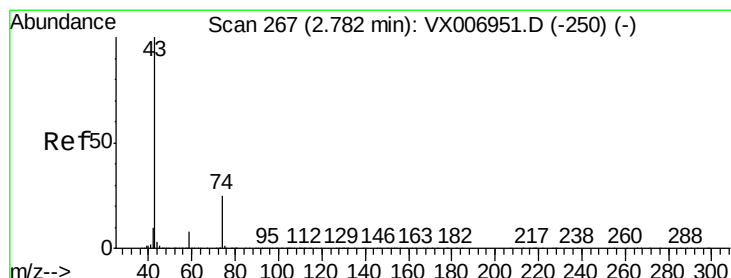
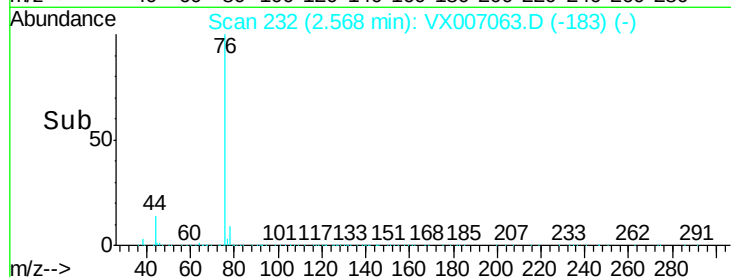
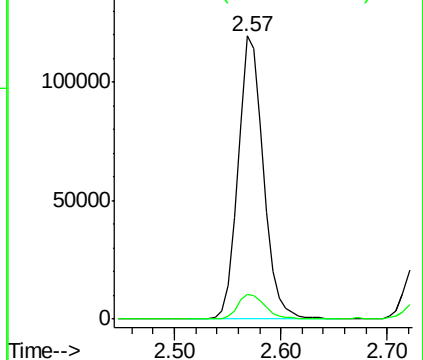
76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.735 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007063.D

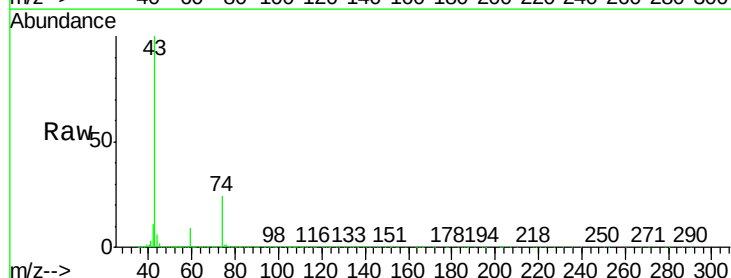
Acq: 15 Jan 2019 17:20

Tgt Ion: 43 Resp: 158011

Ion Ratio Lower Upper

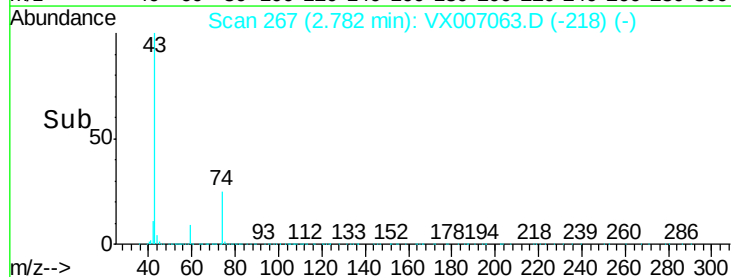
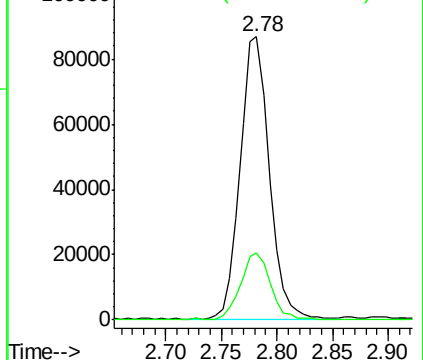
43 100

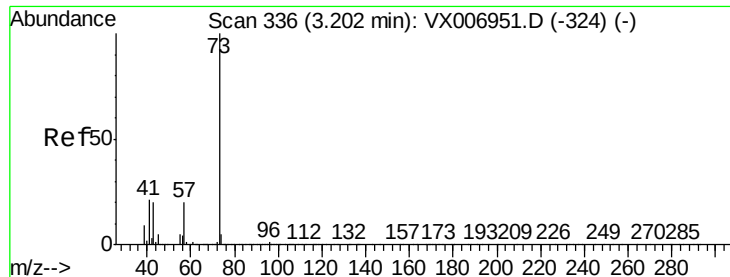
74 23.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



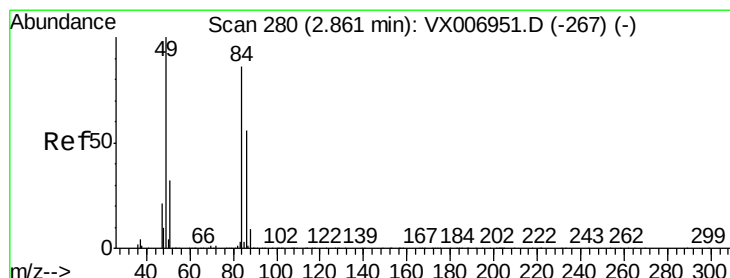
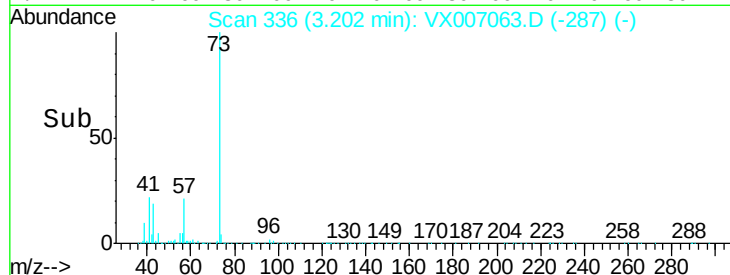
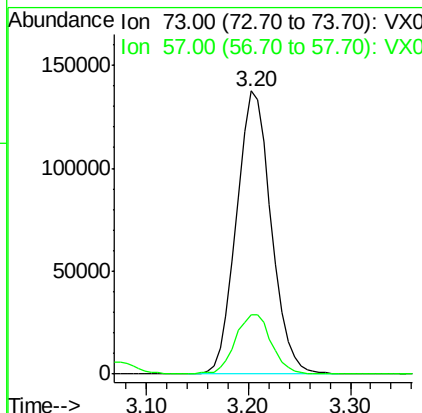
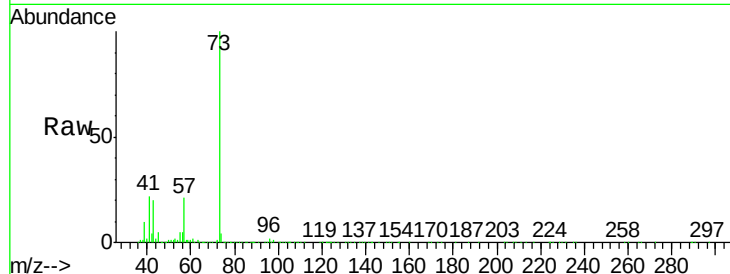


#19

Methyl tert-butyl Ether
 Concen: 20.916 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

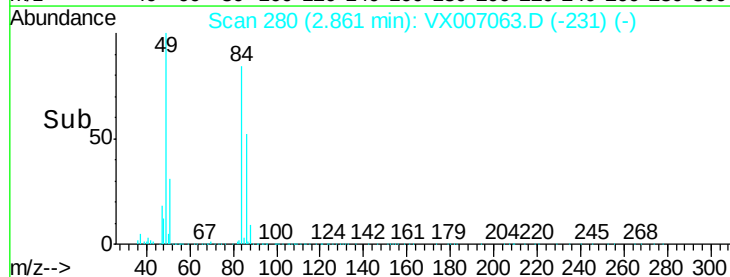
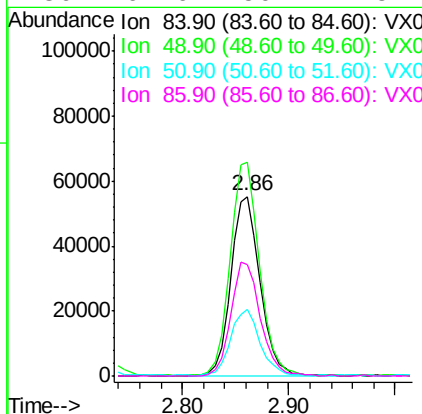
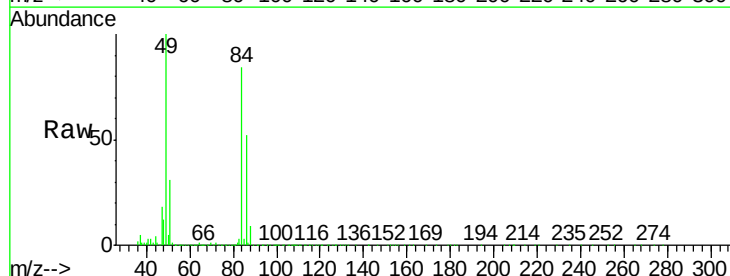
Tot Ion: 73 Resp: 324201
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.8 25.2

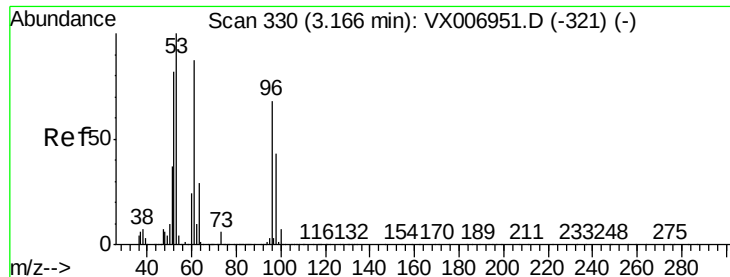


#20

Methylene Chloride
 Concen: 21.869 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

Tgt Ion: 84 Resp: 105940
 Ion Ratio Lower Upper
 84 100
 49 118.5 91.8 137.6
 51 36.2 28.5 42.7
 86 61.6 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.497 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

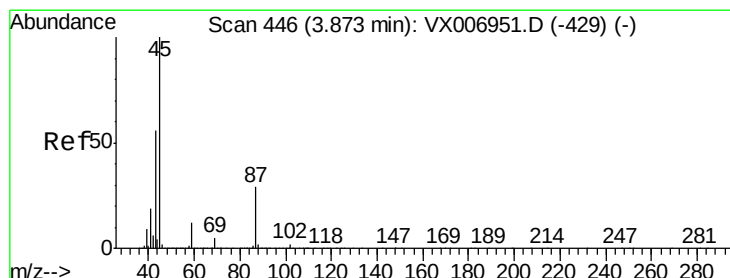
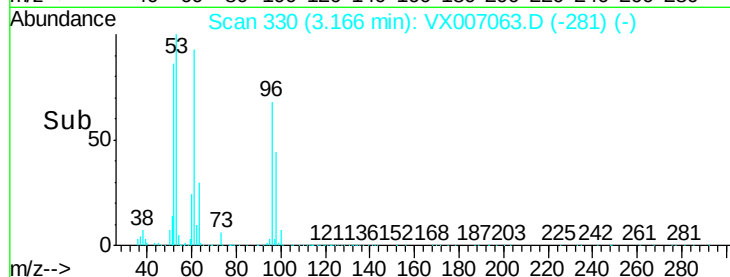
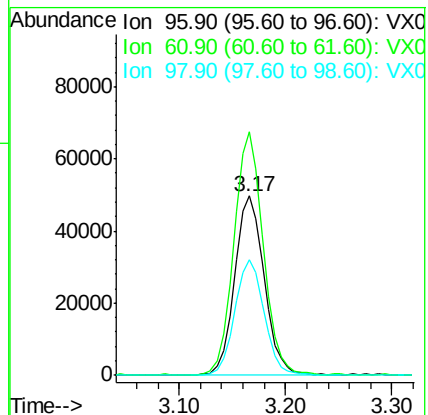
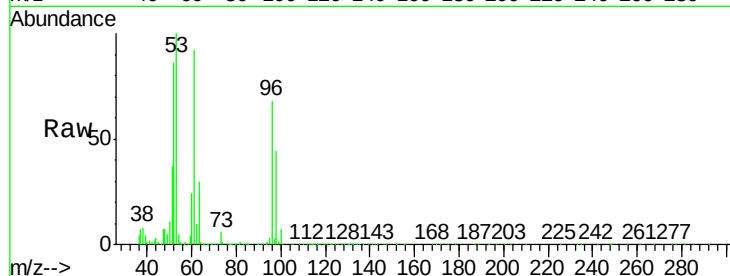
Tot Ion: 96 Resp: 97027

Ion Ratio Lower Upper

96 100

61 135.6 103.7 155.5

98 64.7 51.0 76.6



#22

Diisopropyl ether

Concen: 20.557 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Tgt Ion: 45 Resp: 295788

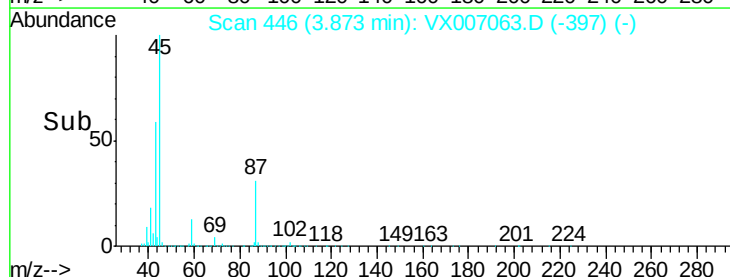
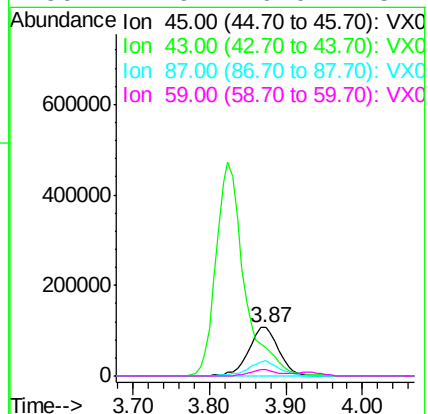
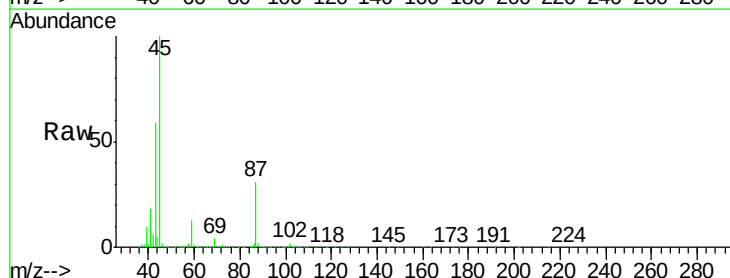
Ion Ratio Lower Upper

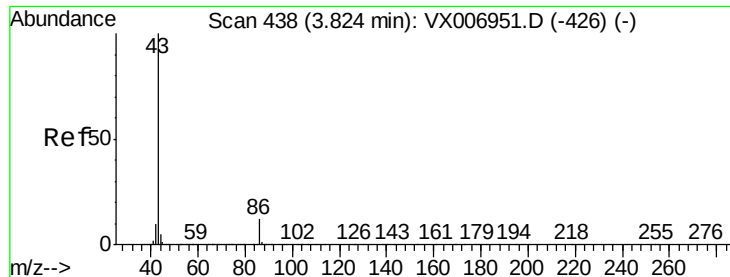
45 100

43 58.3 51.2 76.8

87 30.9 25.8 38.6

59 12.9 9.0 13.4





#23

Vinyl Acetate

Concen: 99.997 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

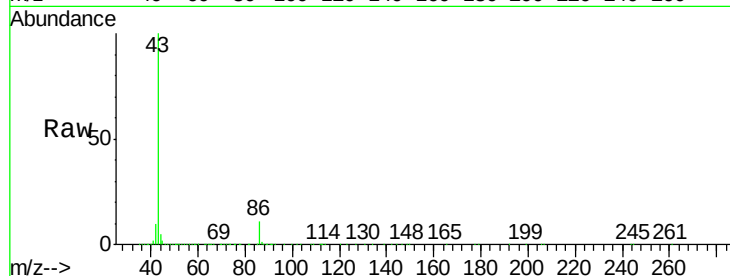
MSVOA_X

ClientSampleID :

VX0115WBSD02

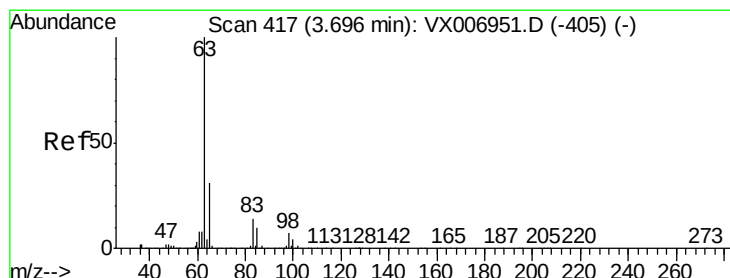
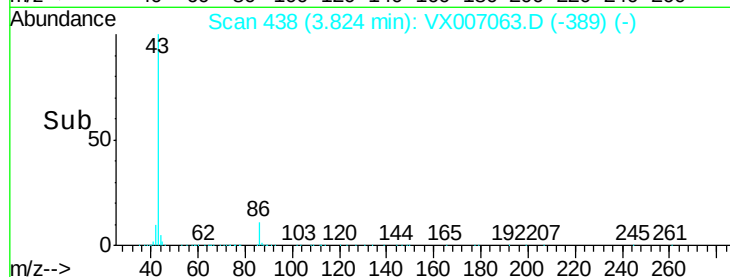
Tot Ion: 43 Resp: 1213377

Ion	Ratio	Lower	Upper
43	100		
86	11.4	9.2	13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.498 ug/l

RT: 3.70 min Scan# 417

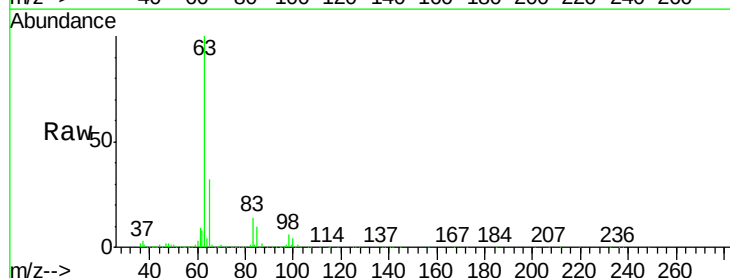
Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Tgt Ion: 63 Resp: 164916

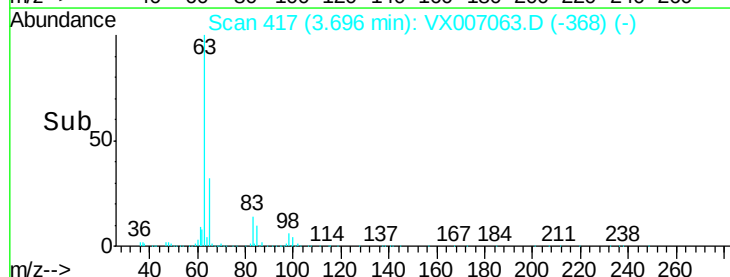
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.9	11.5
100	4.2	2.4	7.2

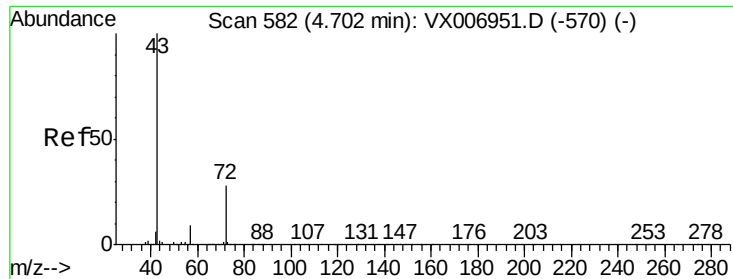


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 109.937 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

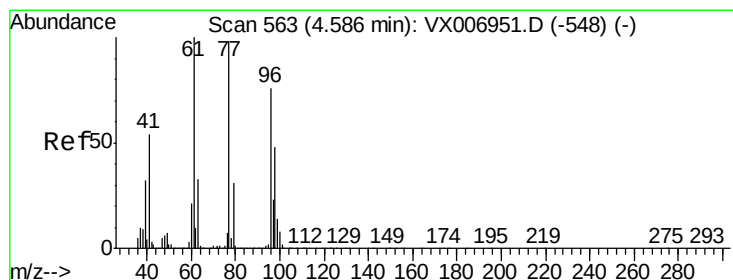
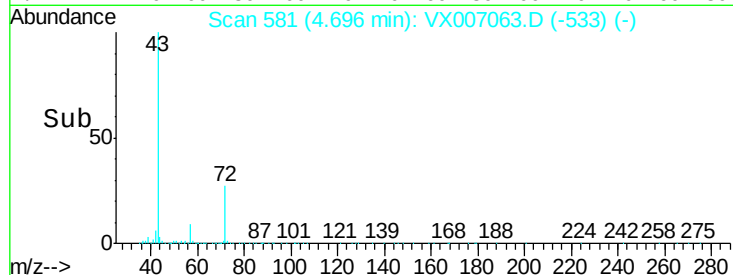
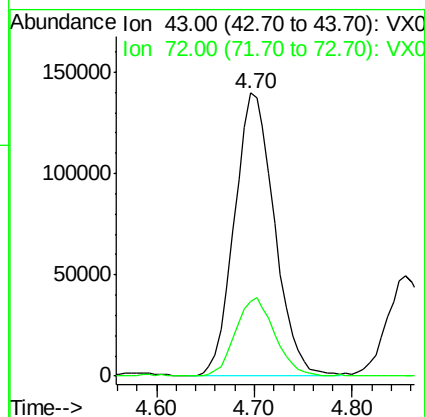
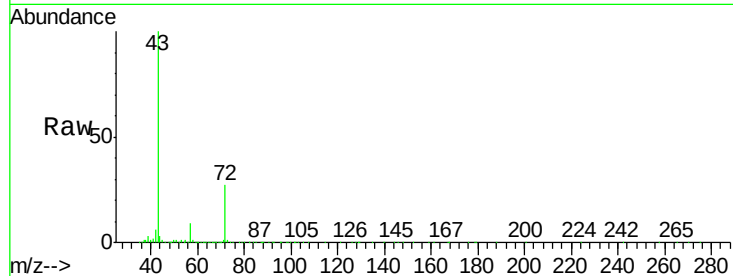
VX0115WBSD02

Tot Ion: 43 Resp: 394900

Ion Ratio Lower Upper

43 100

72 26.5 22.4 33.6



#26

2,2-Dichloropropane

Concen: 18.418 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007063.D

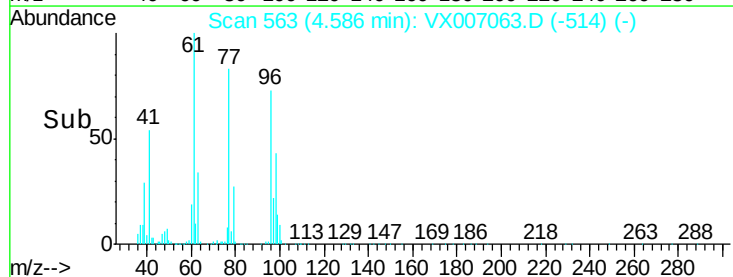
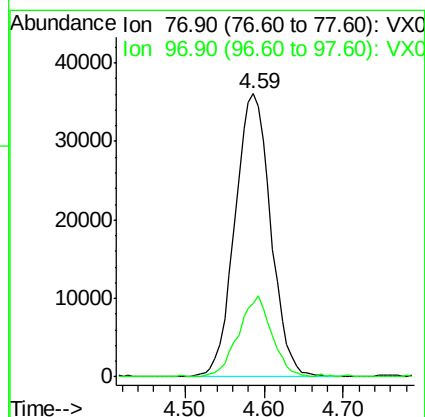
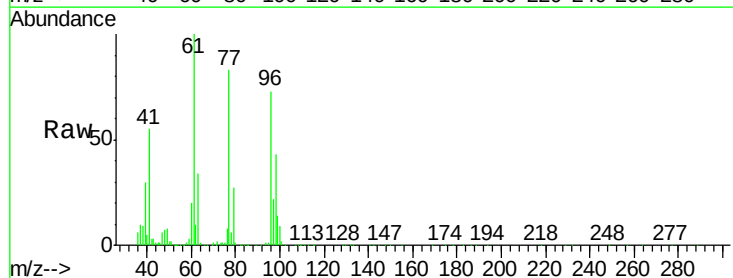
Acq: 15 Jan 2019 17:20

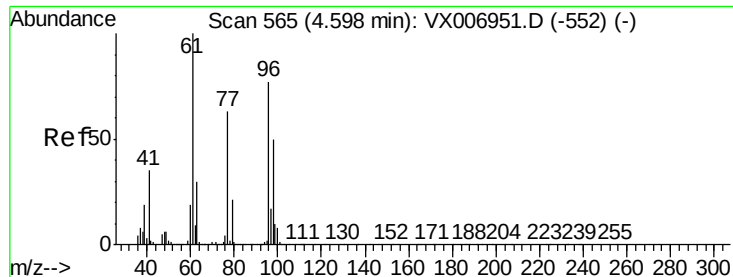
Tgt Ion: 77 Resp: 113949

Ion Ratio Lower Upper

77 100

97 26.7 12.4 37.4



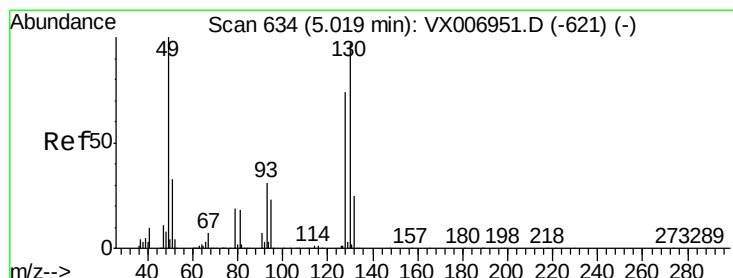
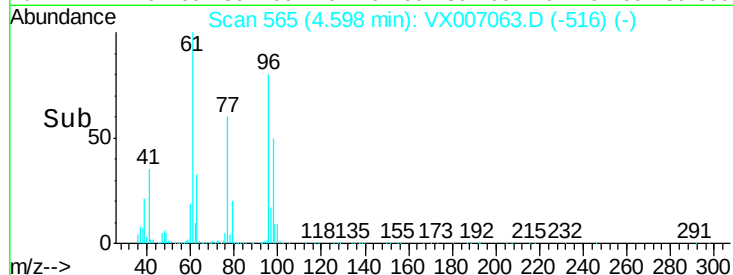
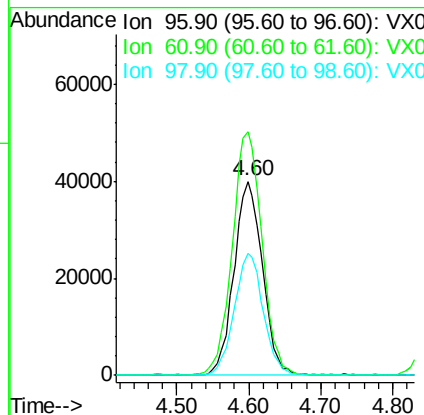
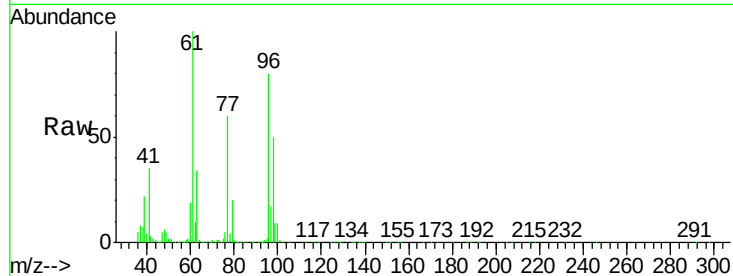


#27

cis-1,2-Dichloroethene
Concen: 20.033 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

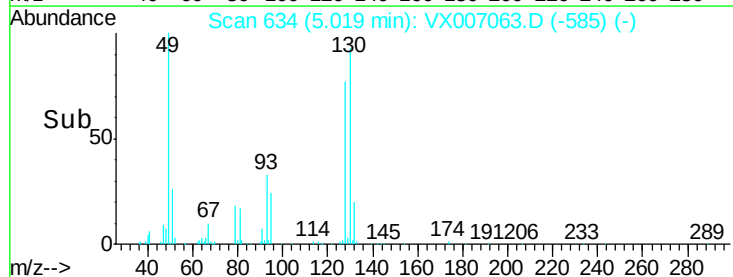
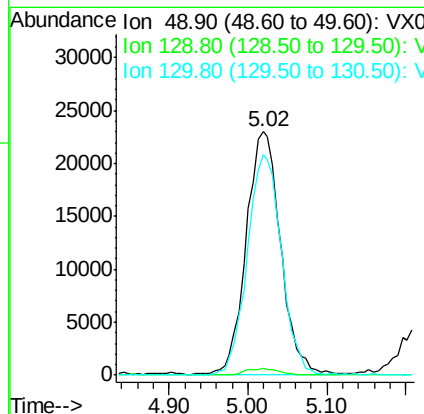
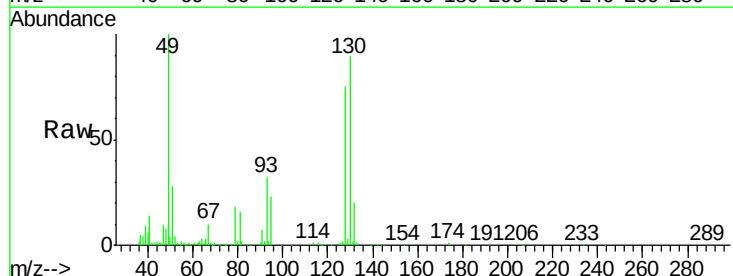
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	258.6
98	64.1	0.0	132.0

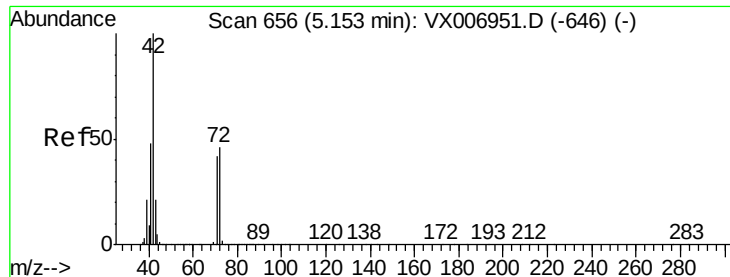


#28

Bromochloromethane
Concen: 19.926 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	89.0	77.7	116.5





#29

Tetrahydrofuran

Concen: 106.052 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

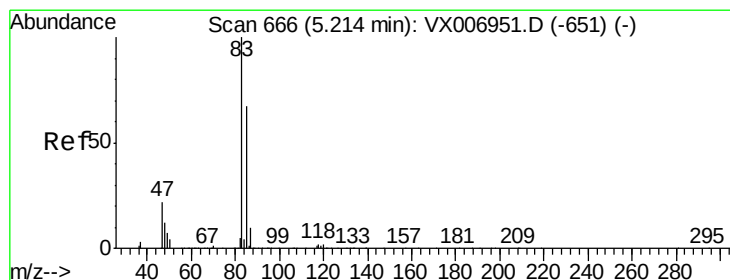
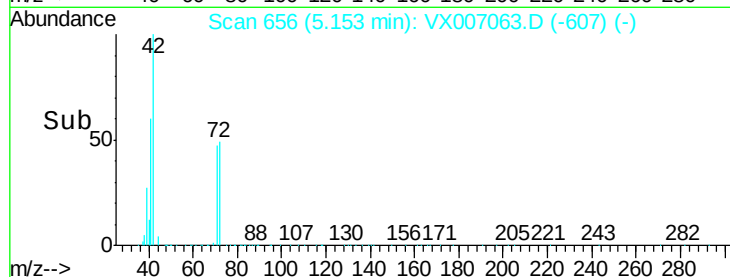
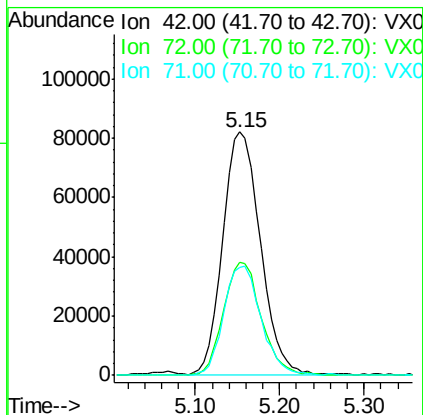
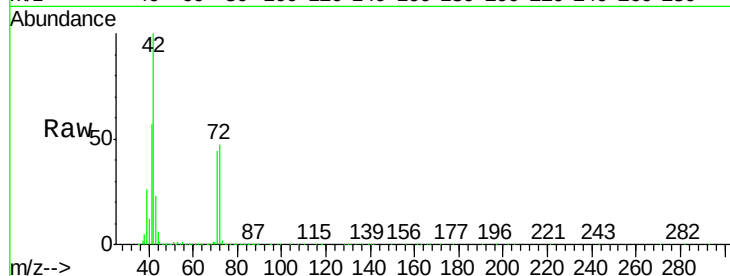
Tot Ion: 42 Resp: 247567

Ion Ratio Lower Upper

42 100

72 47.2 38.9 58.3

71 44.5 36.2 54.4



#30

Chloroform

Concen: 21.077 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007063.D

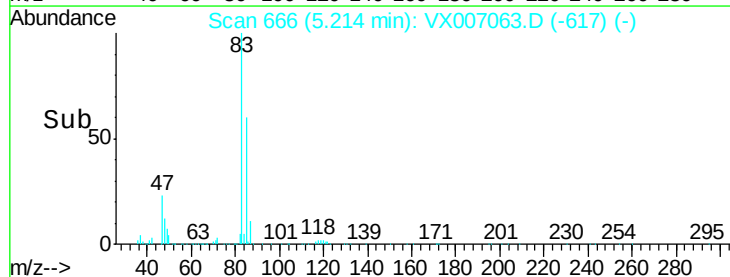
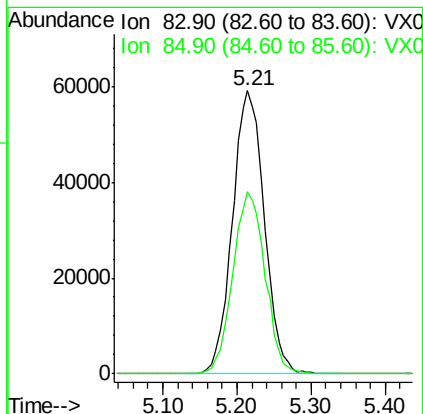
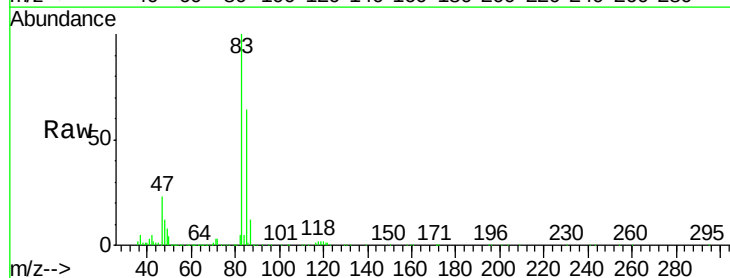
Acq: 15 Jan 2019 17:20

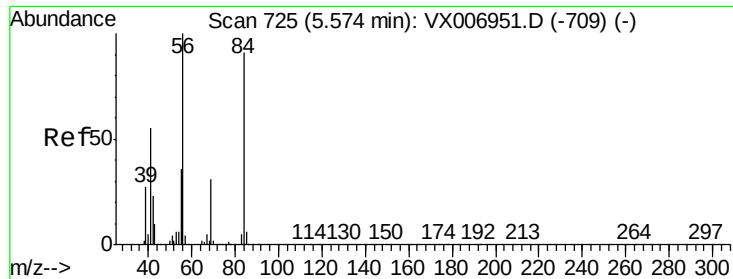
Tgt Ion: 83 Resp: 177544

Ion Ratio Lower Upper

83 100

85 64.3 51.2 76.8

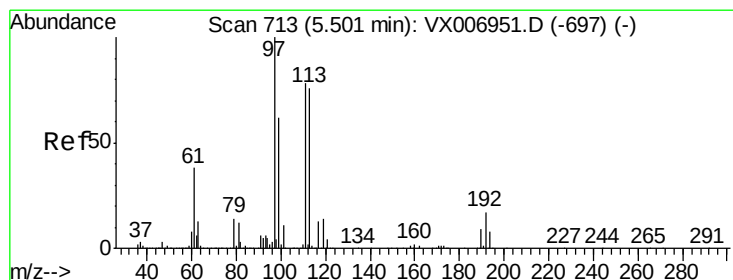
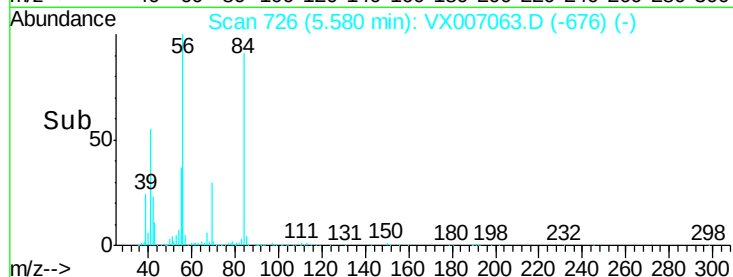
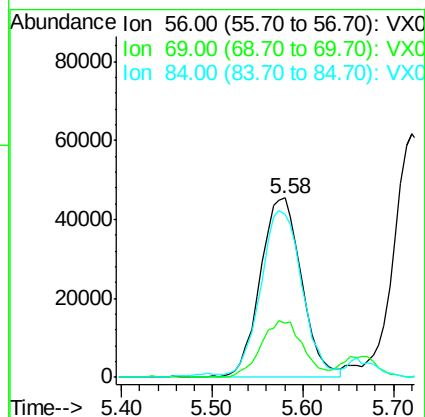
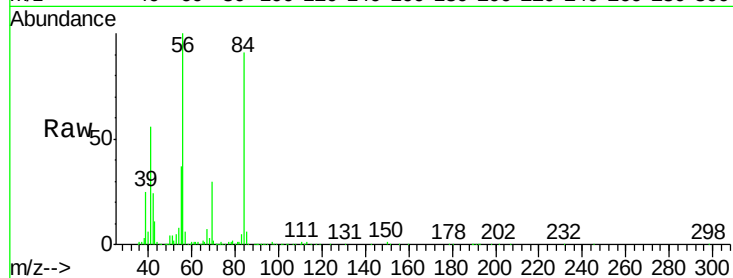




#31
Cyclohexane
Concen: 20.059 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

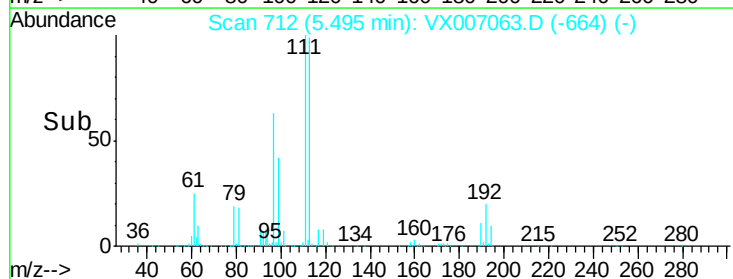
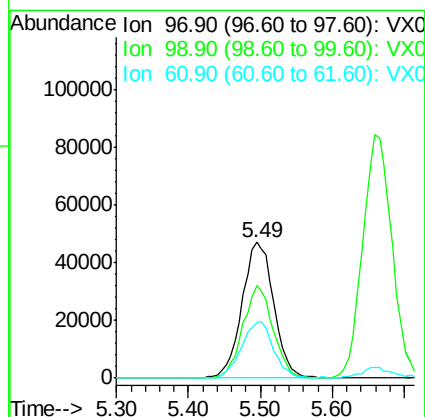
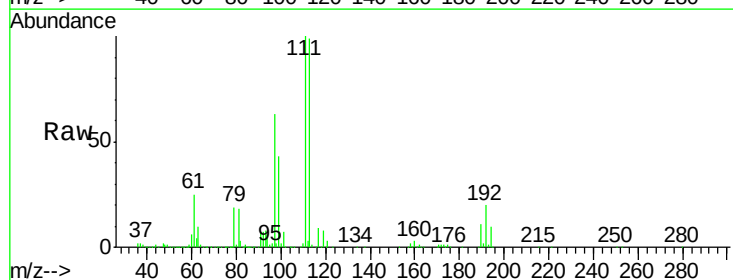
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

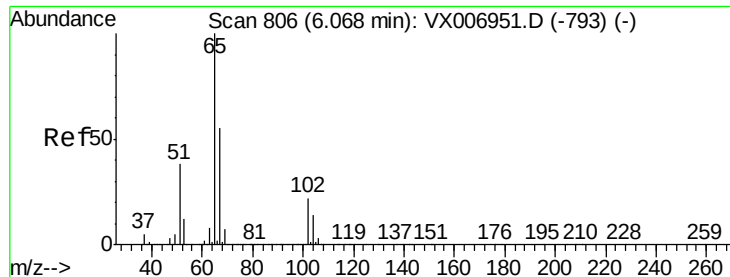
Tot Ion: 56 Resp: 143636
Ion Ratio Lower Upper
56 100
69 30.0 24.4 36.6
84 89.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.258 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion: 97 Resp: 144639
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 41.9 31.3 46.9

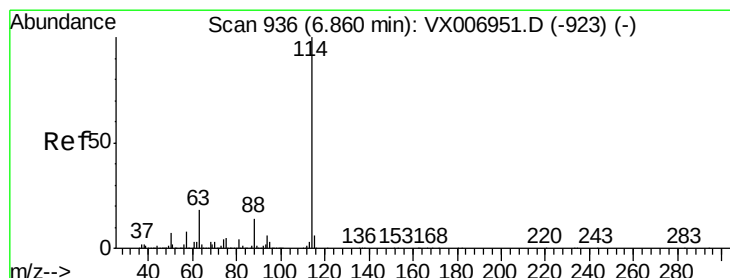
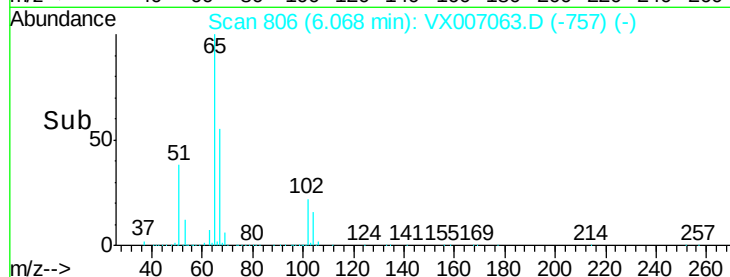
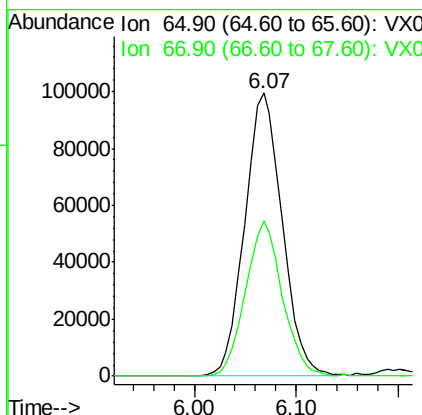
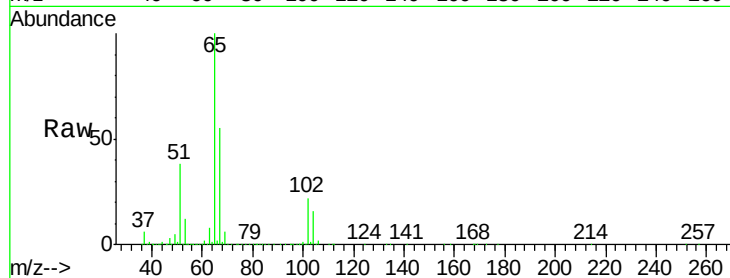




#33
 1,2-Dichloroethane-d4
 Concen: 50.145 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

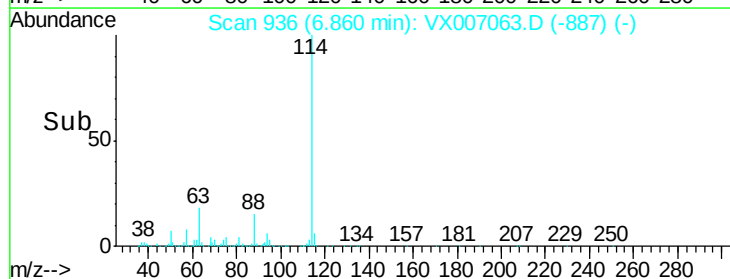
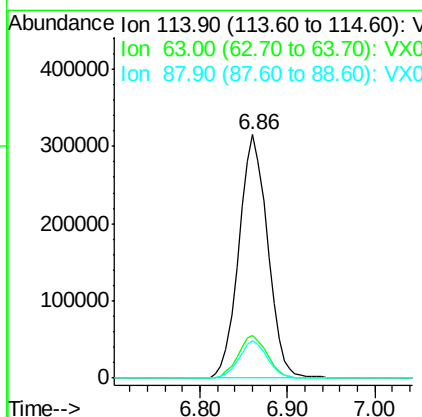
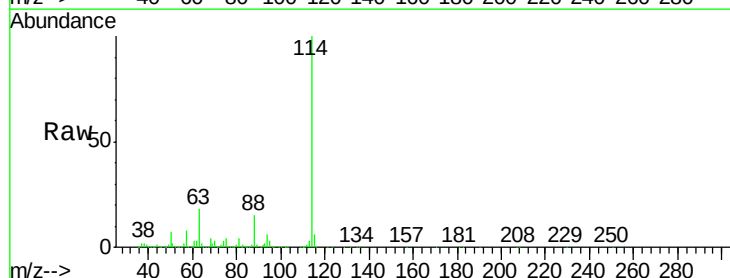
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

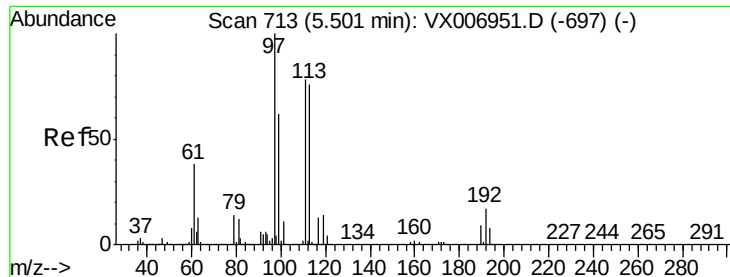
Tot Ion: 65 Resp: 254638
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

Tgt Ion: 114 Resp: 720450
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.8
 88 15.2 0.0 28.8

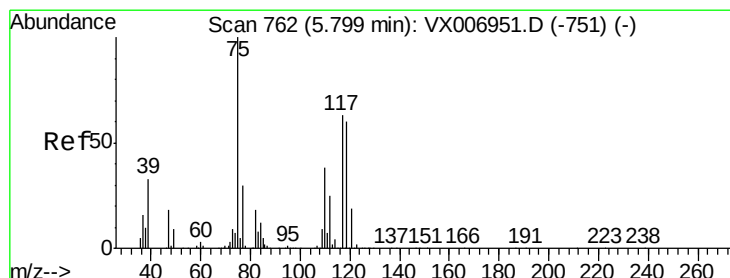
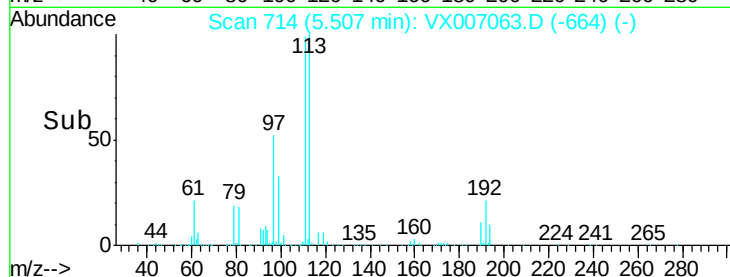
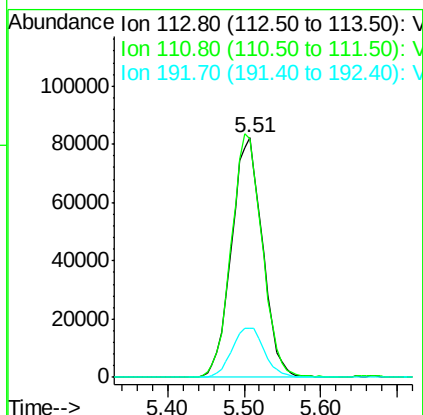
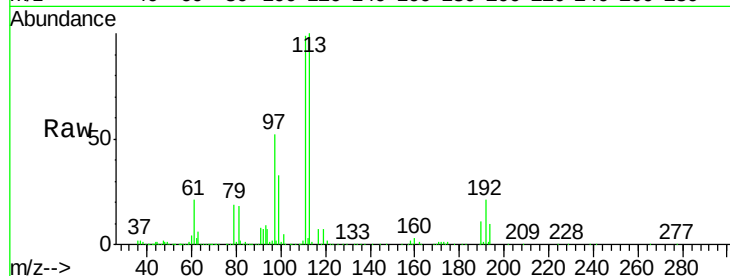




#35
 Dibromofluoromethane
 Concen: 49.876 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

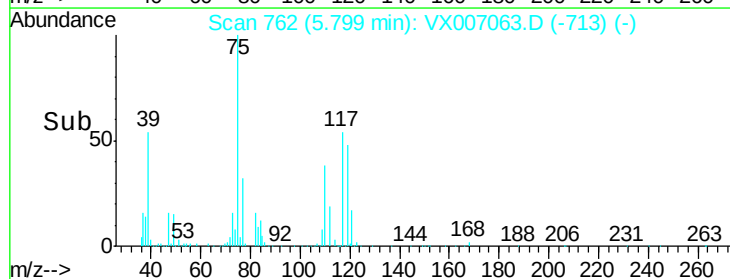
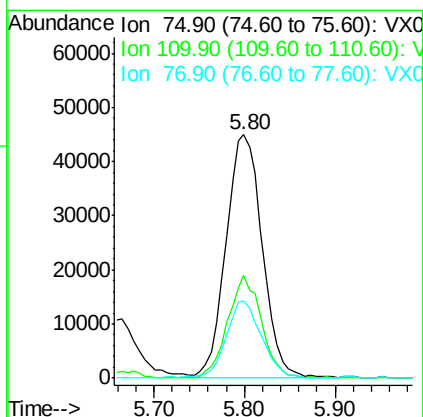
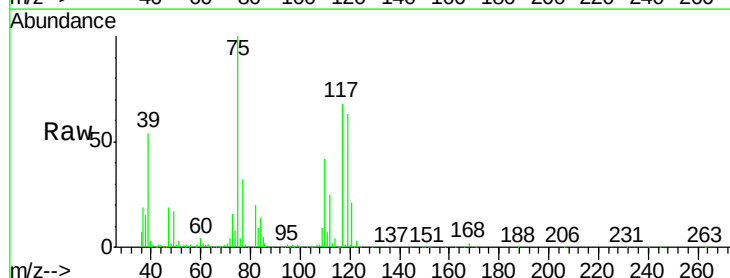
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

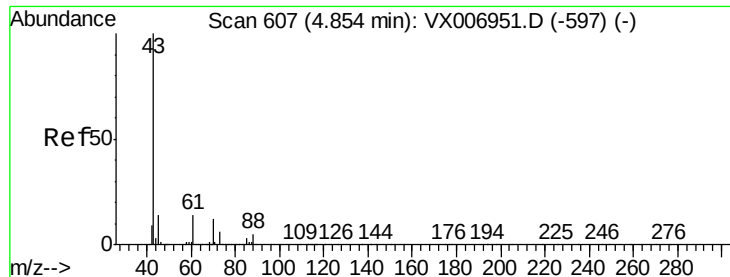
Tot Ion:113 Resp: 230114
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.6 122.4
 192 21.7 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 19.793 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

Tgt Ion: 75 Resp: 123975
 Ion Ratio Lower Upper
 75 100
 110 39.0 20.2 60.5
 77 30.7 24.8 37.2

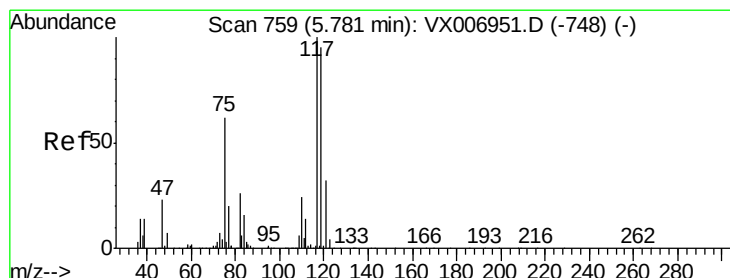
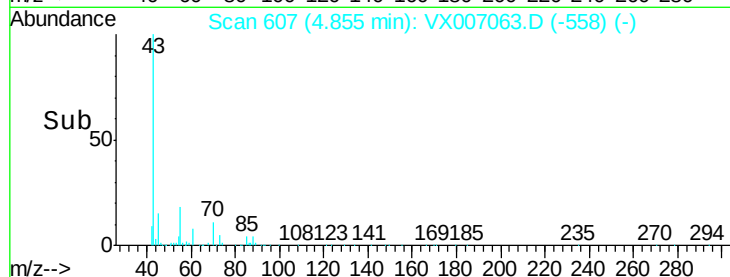
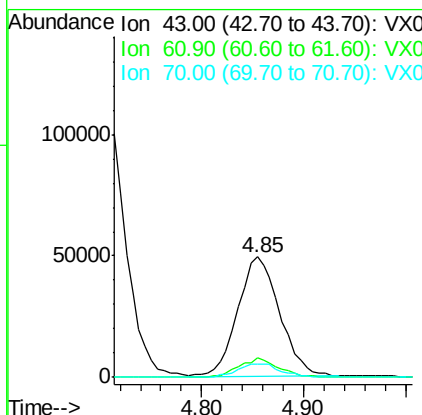
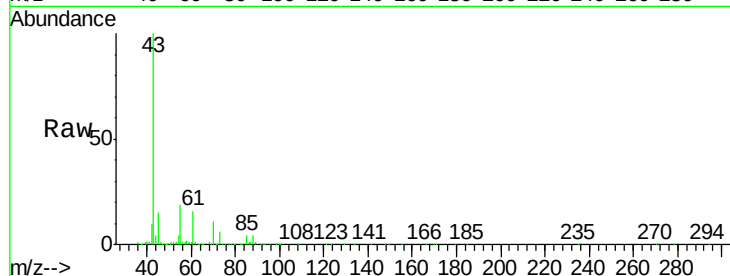




#37
Ethyl Acetate
Concen: 20.965 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

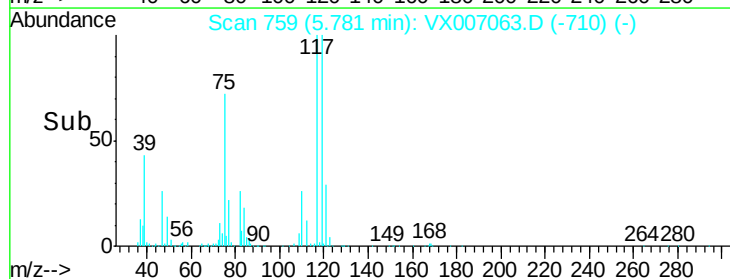
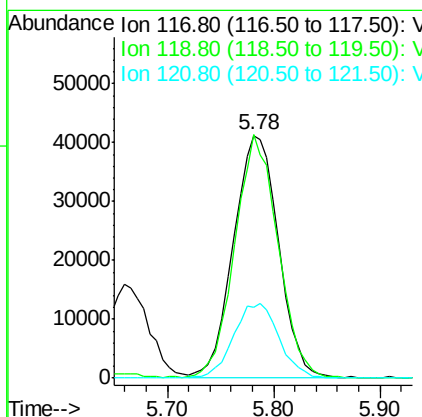
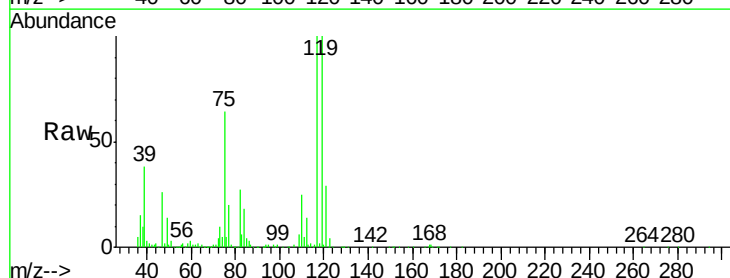
Instrument :
MSVOA_X
ClientSampleID :
VX0115WBSD02

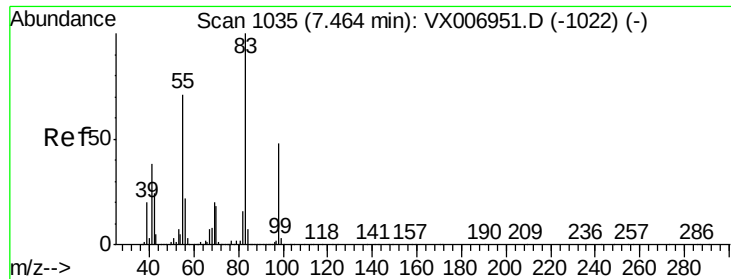
Tot Ion	43	Resp	140789
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.9	17.9
70	11.8	9.7	14.5



#38
Carbon Tetrachloride
Concen: 19.286 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion	117	Resp	121541
Ion Ratio	Lower	Upper	
117	100		
119	100.3	79.4	119.2
121	29.3	24.0	36.0

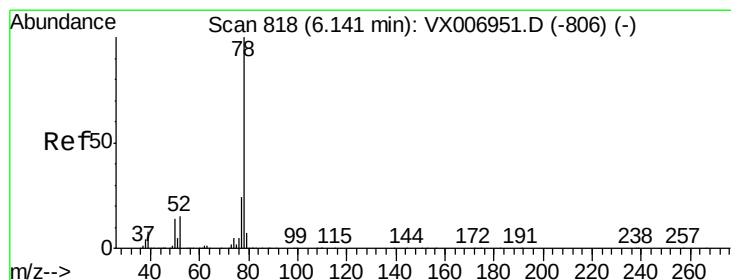
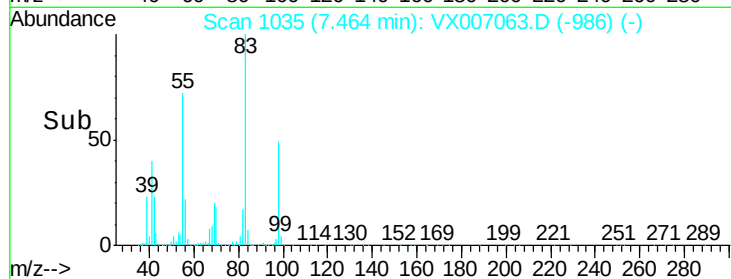
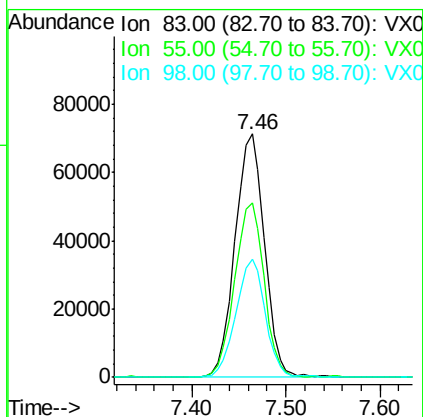
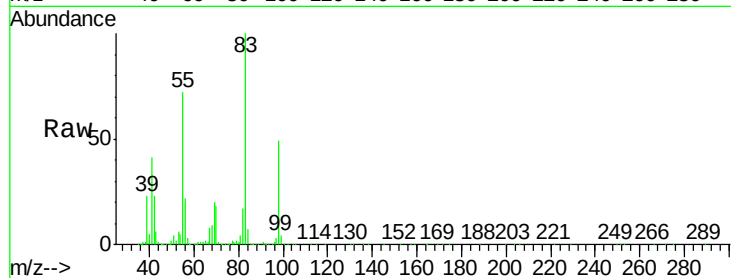




#39
Methylvlcyclohexane
Concen: 19.535 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

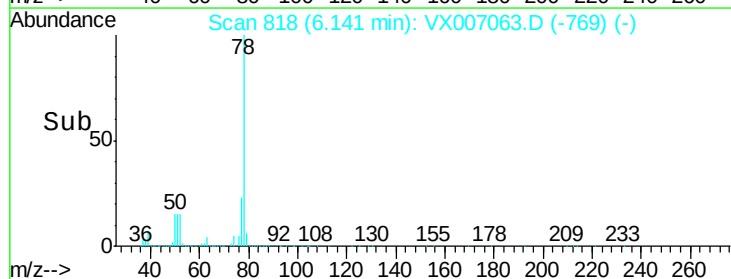
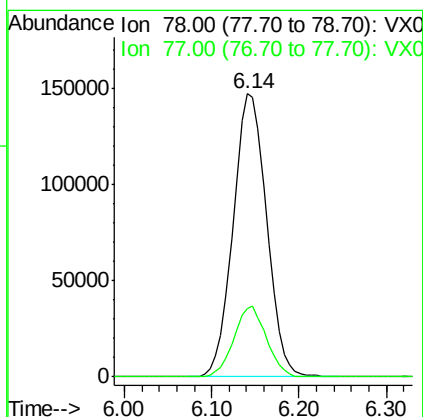
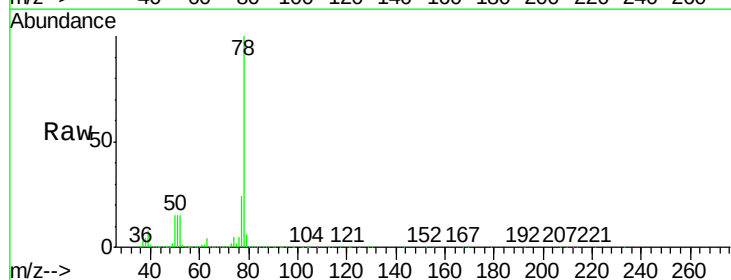
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

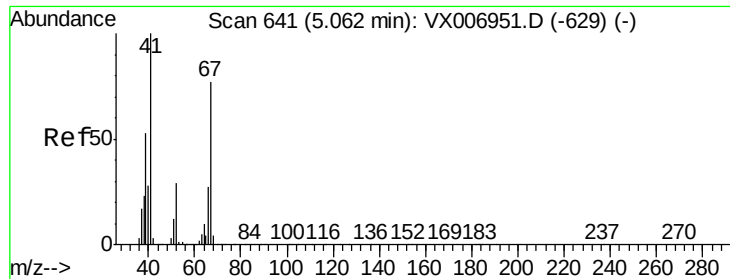
Tot Ion	83	Resp	155997
Ion Ratio	Lower	Upper	
83	100		
55	71.4	54.9	82.3
98	48.3	37.9	56.9



#40
Benzene
Concen: 20.507 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion	78	Resp	391941
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.2	28.8

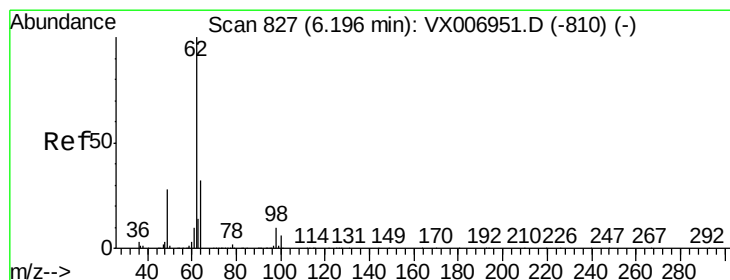
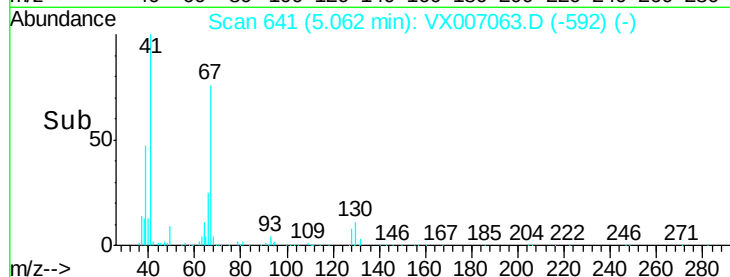
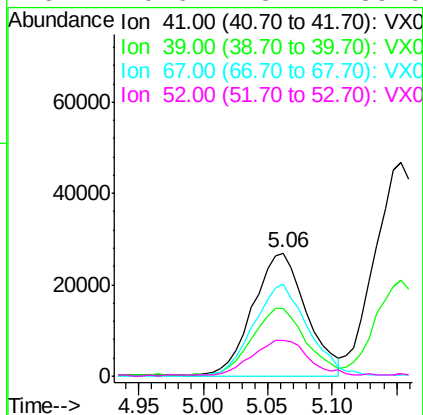
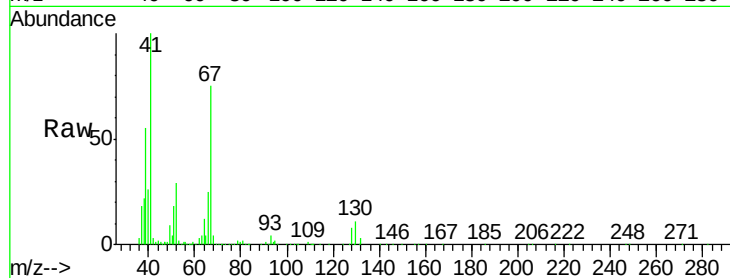




#41
Methacrylonitrile
Concen: 19.935 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

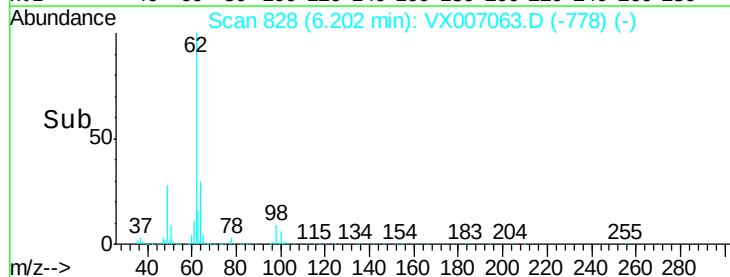
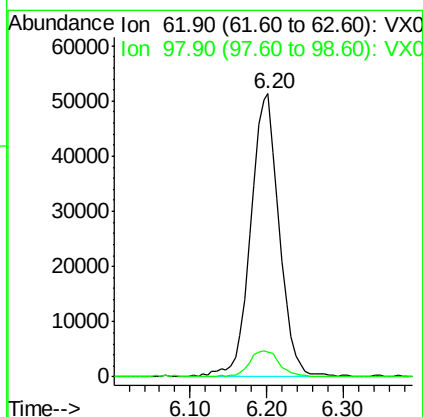
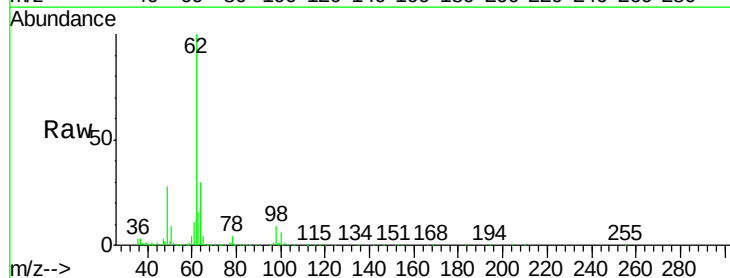
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

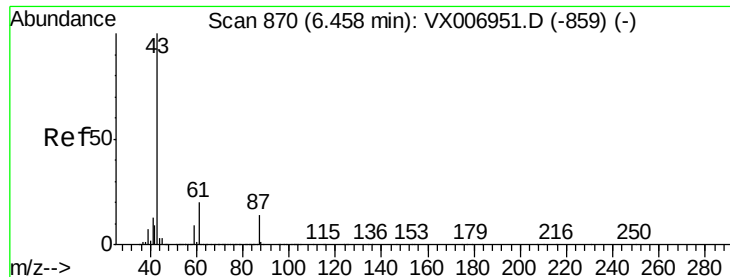
Tot Ion:	41	Resp:	77120
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.8	64.2
67	77.7	62.1	93.1
52	29.6	23.4	35.0



#42
1,2-Dichloroethane
Concen: 20.264 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion:	62	Resp:	133836
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.468 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

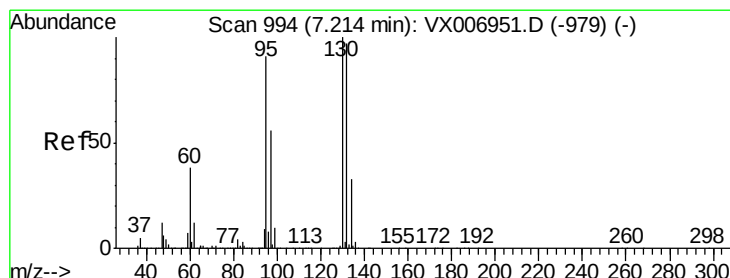
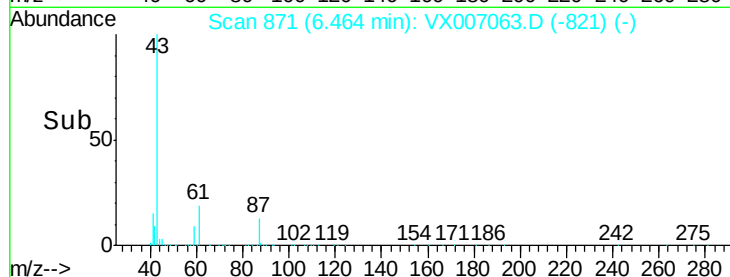
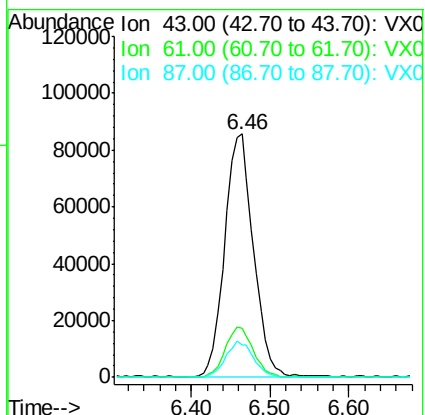
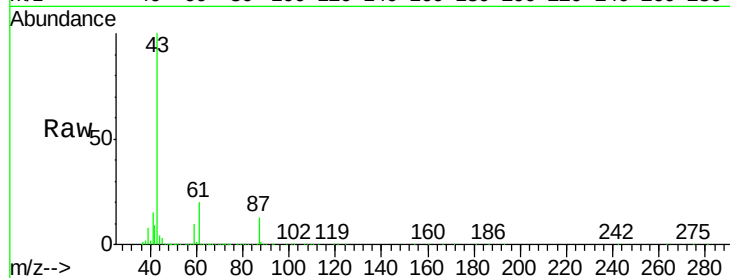
Tot Ion: 43 Resp: 216806

Ion Ratio Lower Upper

43 100

61 20.3 16.8 25.2

87 14.3 12.4 18.6



#44

Trichloroethene

Concen: 19.455 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007063.D

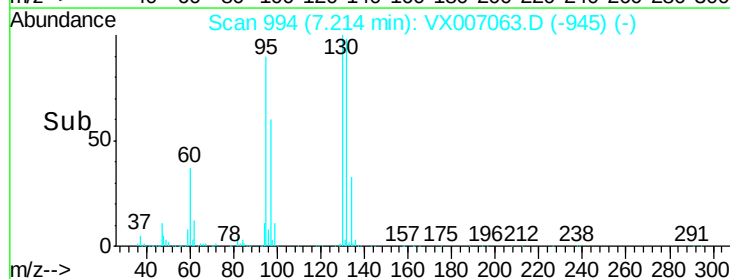
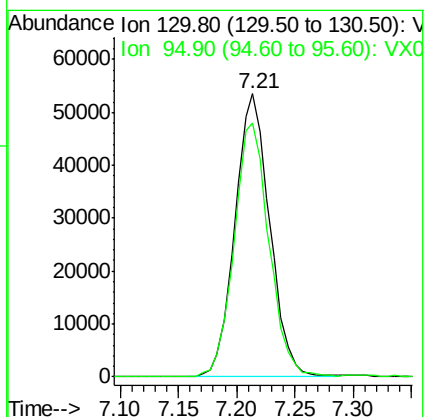
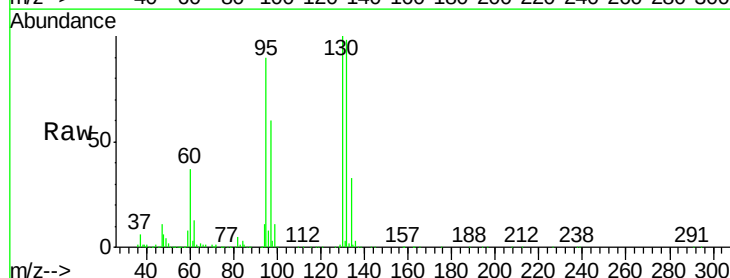
Acq: 15 Jan 2019 17:20

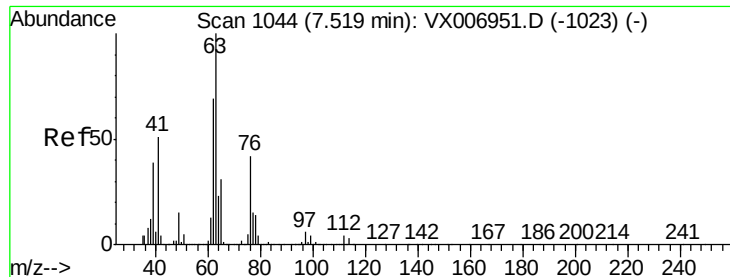
Tgt Ion:130 Resp: 111425

Ion Ratio Lower Upper

130 100

95 89.5 0.0 187.0

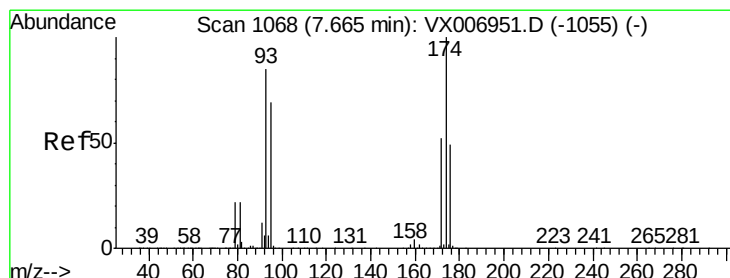
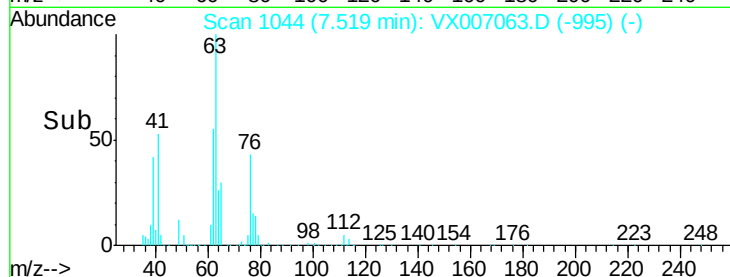
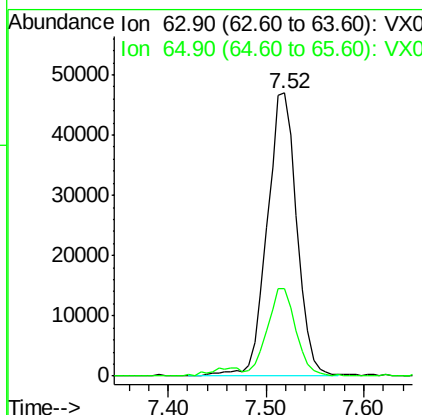
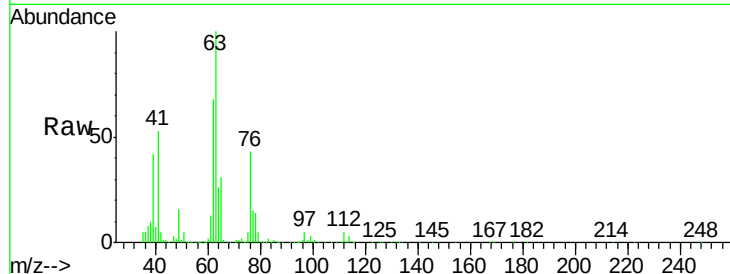




#45
 1,2-Dichloropropane
 Concen: 20.556 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

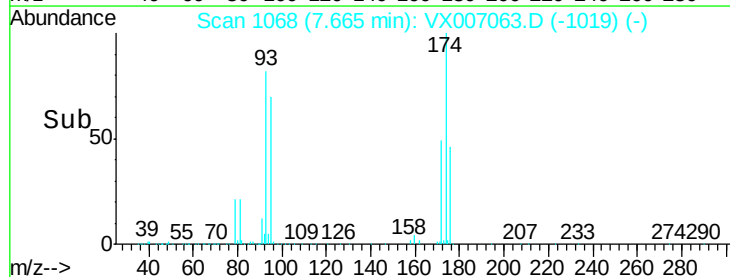
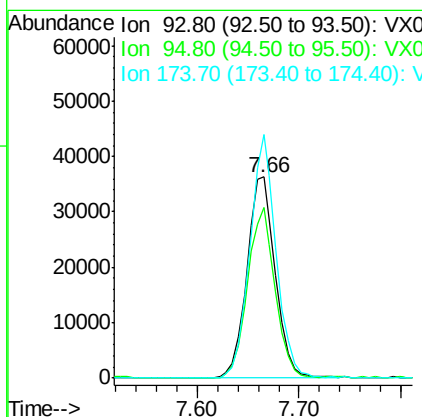
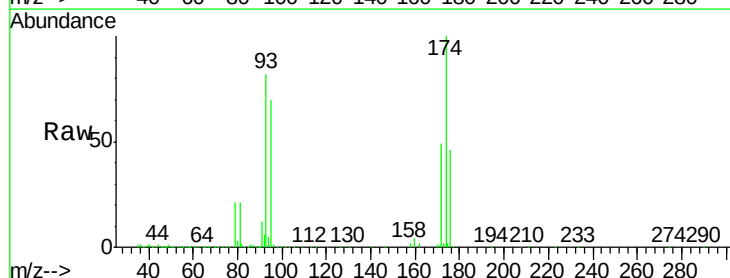
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0115WBSD02

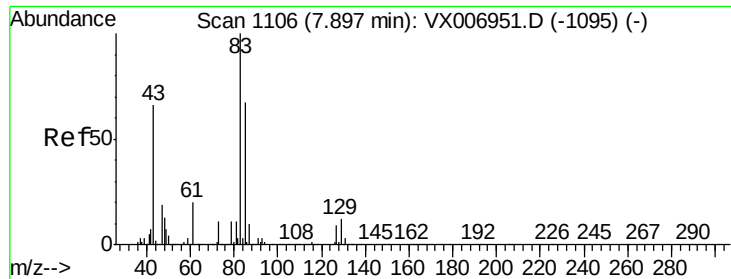
Tot Ion: 63 Resp: 98771
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.4 38.0



#46
 Dibromomethane
 Concen: 20.835 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

Tgt Ion: 93 Resp: 70358
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.2 99.4
 174 112.7 91.0 136.4





#47

Bromodichloromethane

Concen: 19.921 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

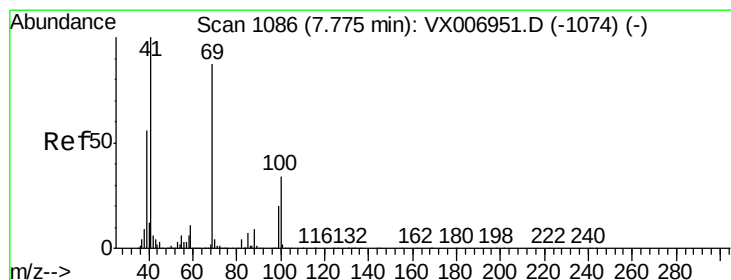
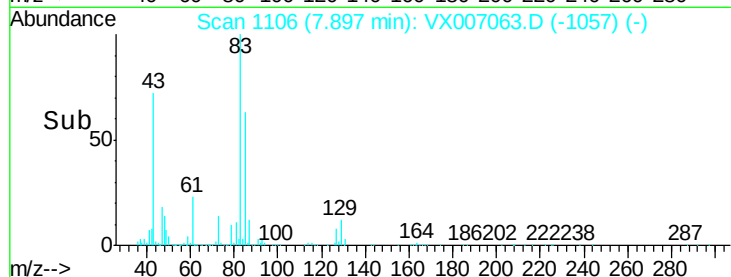
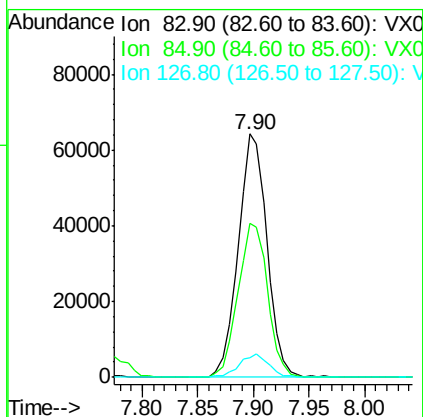
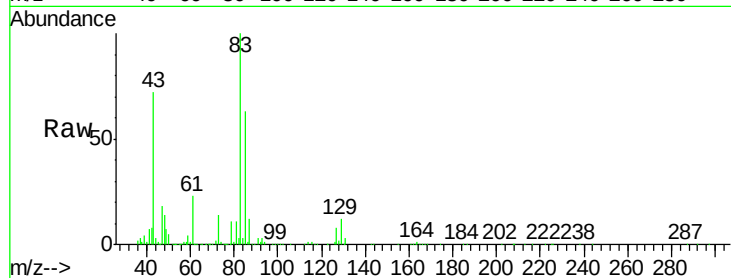
Tot Ion: 83 Resp: 114508

Ion Ratio Lower Upper

83 100

85 63.4 53.2 79.8

127 8.2 7.8 11.6



#48

Methyl methacrylate

Concen: 20.778 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

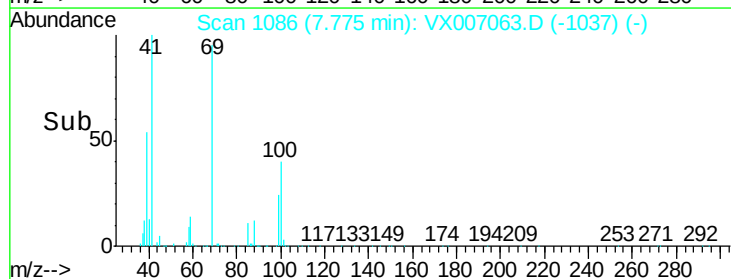
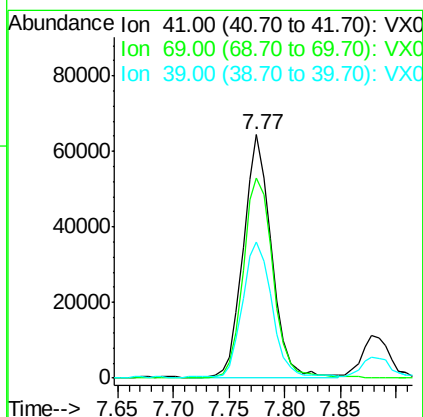
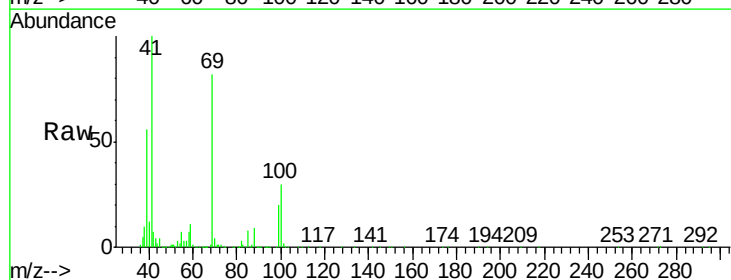
Tgt Ion: 41 Resp: 113023

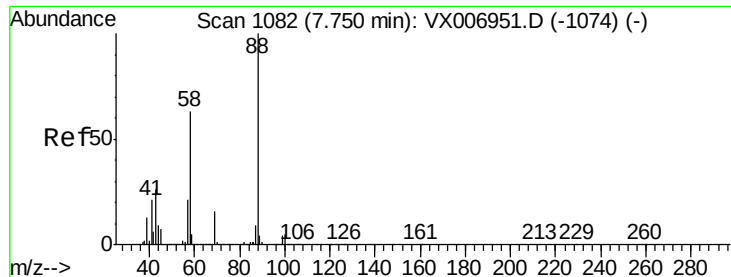
Ion Ratio Lower Upper

41 100

69 88.0 72.4 108.6

39 58.8 45.8 68.8





#49

1,4-Dioxane

Concen: 457.785 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

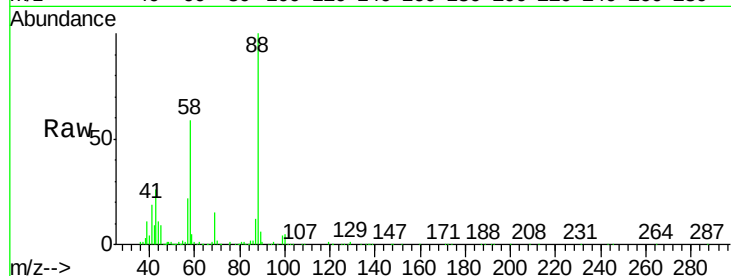
MSVOA_X

ClientSampleId :

VX0115WBSD02

Tot Ion: 88 Resp: 57446

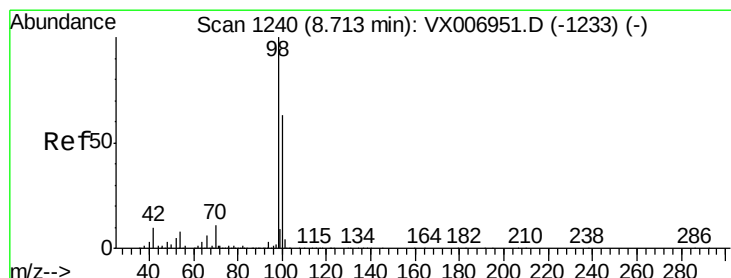
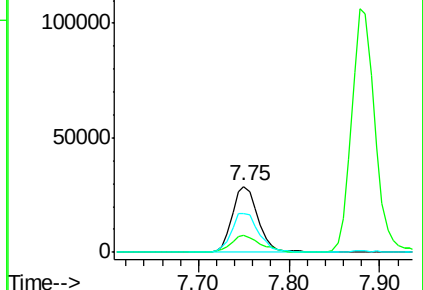
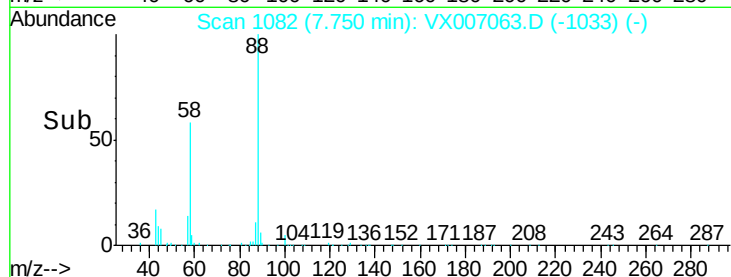
Ion	Ratio	Lower	Upper
88	100		
43	28.5	22.2	33.4
58	61.6	51.0	76.4



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: 50.883 ug/l

RT: 8.71 min Scan# 1240

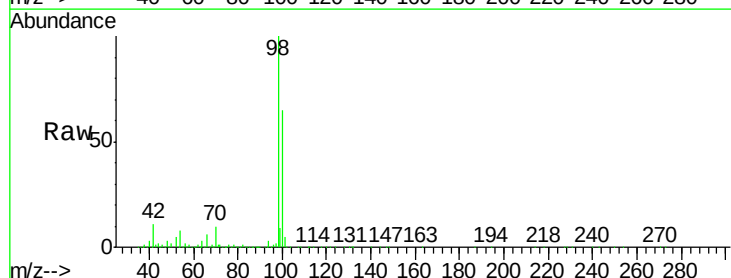
Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

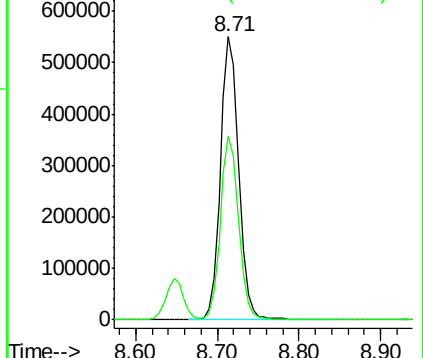
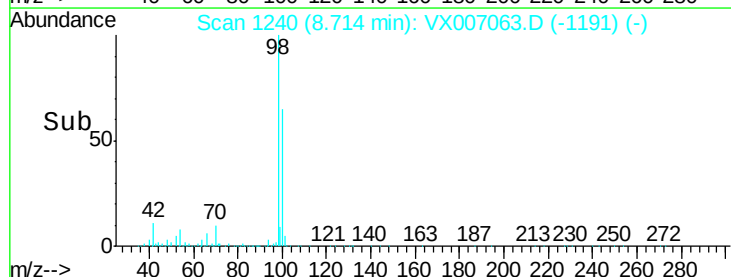
Tgt Ion: 98 Resp: 859287

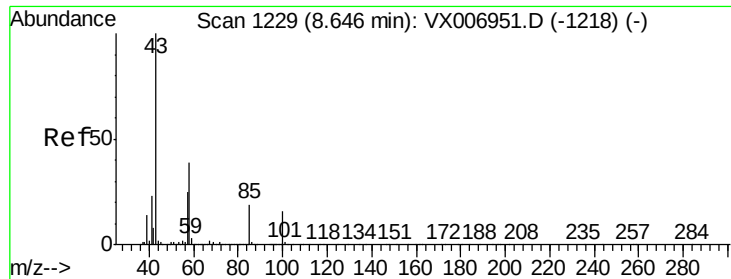
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.0	78.0



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: 112.865 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

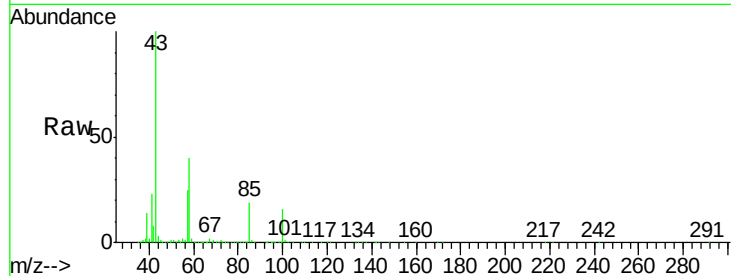
VX0115WBSD02

Tot Ion: 43 Resp: 768308

Ion Ratio Lower Upper

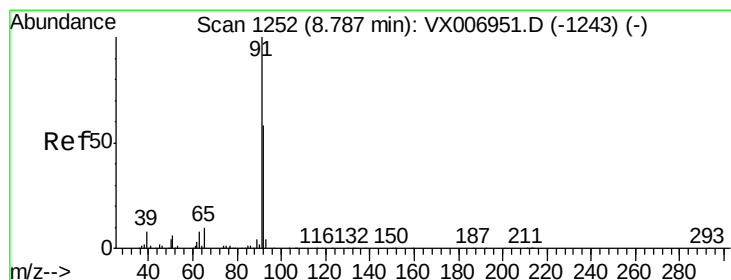
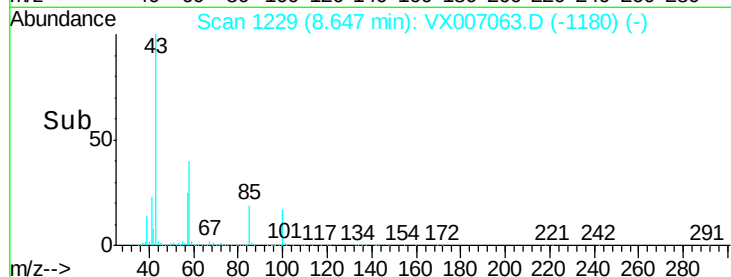
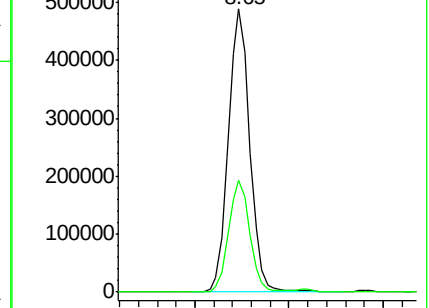
43 100

58 39.1 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.833 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007063.D

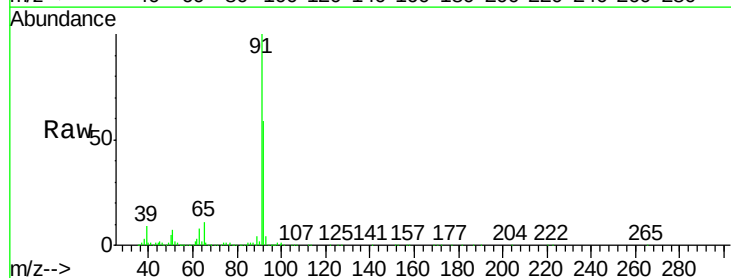
Acq: 15 Jan 2019 17:20

Tgt Ion: 92 Resp: 255917

Ion Ratio Lower Upper

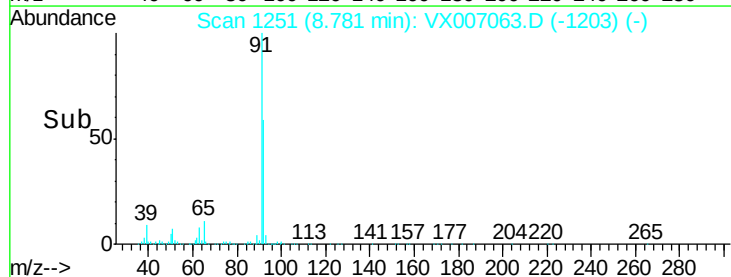
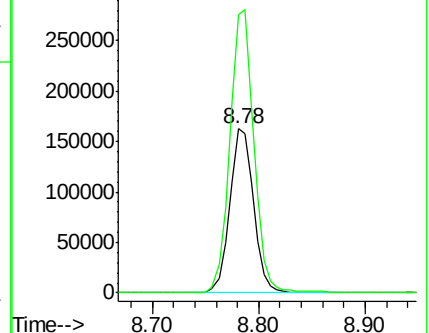
92 100

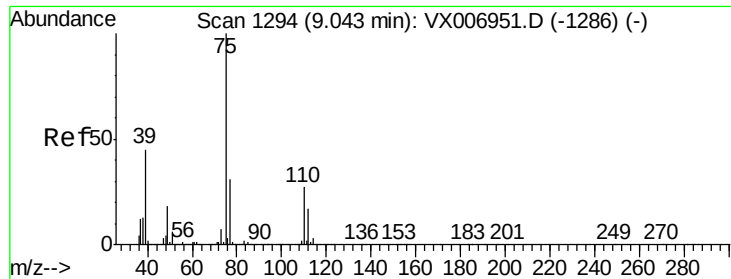
91 173.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.189 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

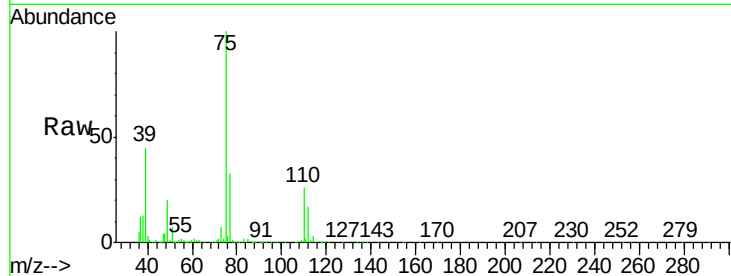
VX0115WBSD02

Tot Ion: 75 Resp: 122305

Ion Ratio Lower Upper

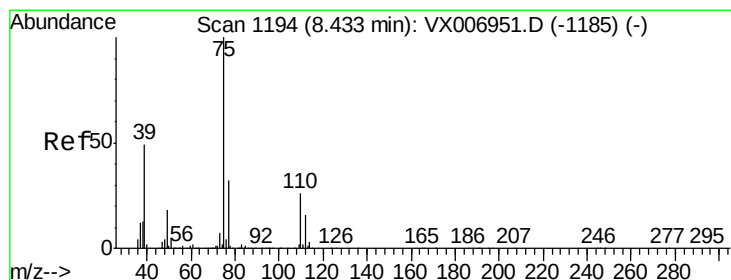
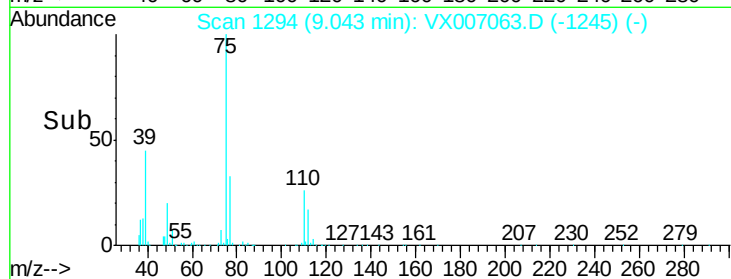
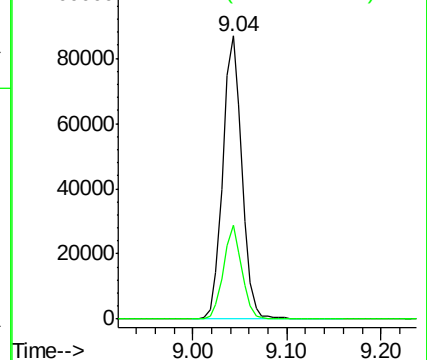
75 100

77 33.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.662 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

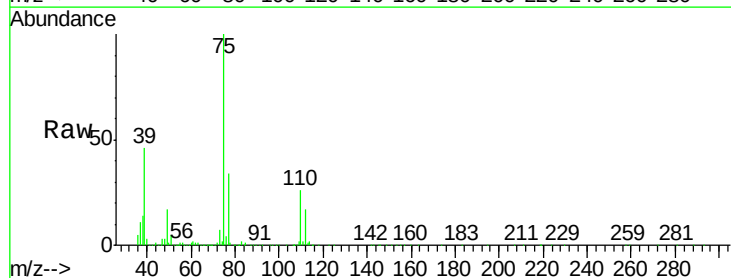
Tgt Ion: 75 Resp: 138396

Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.2

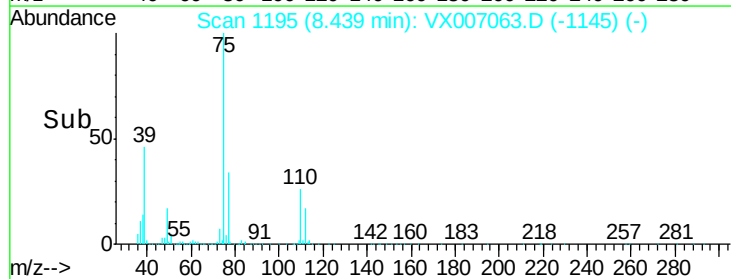
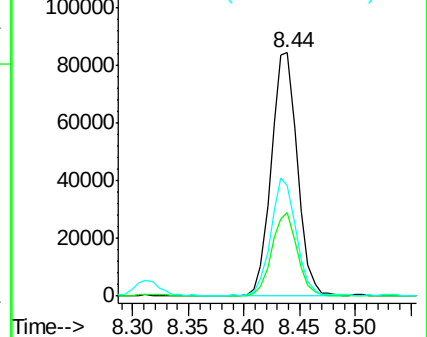
39 45.1 36.7 55.1

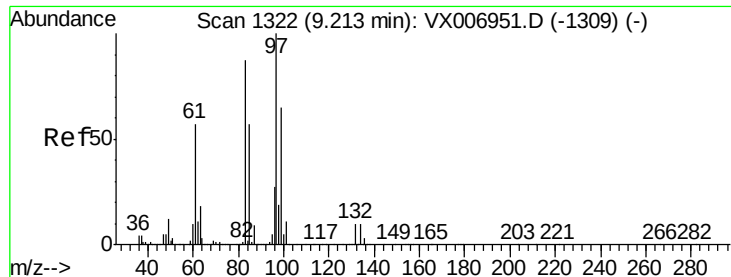


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 21.449 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

Tot Ion: 97 Resp: 105465

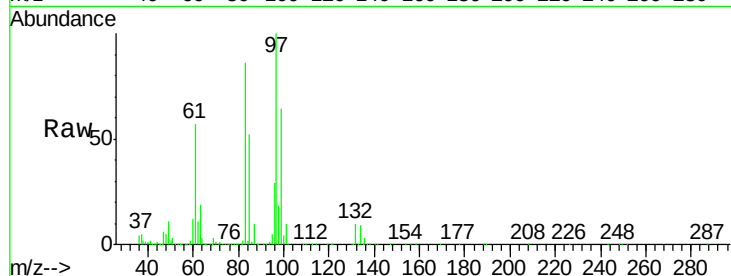
Ion Ratio Lower Upper

97 100

83 86.0 66.6 99.8

85 52.4 42.7 64.1

99 64.1 50.8 76.2

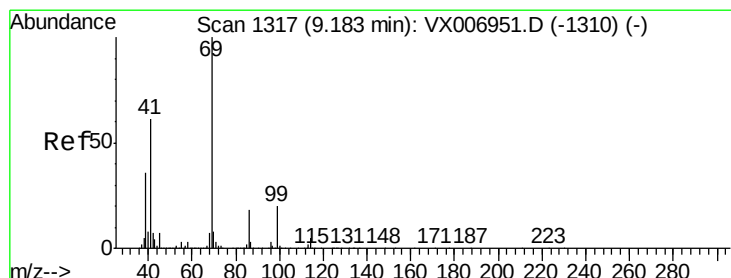
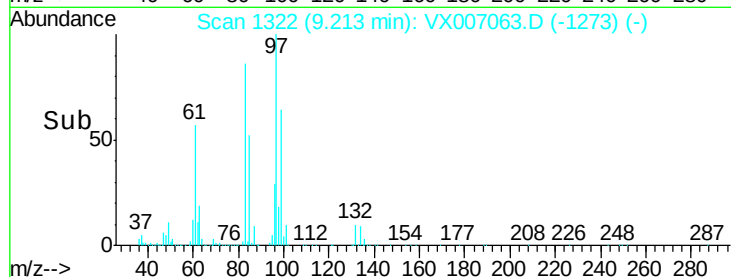
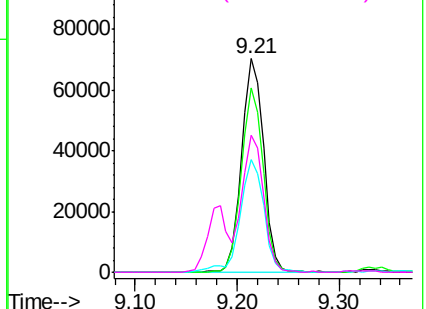


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 21.230 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

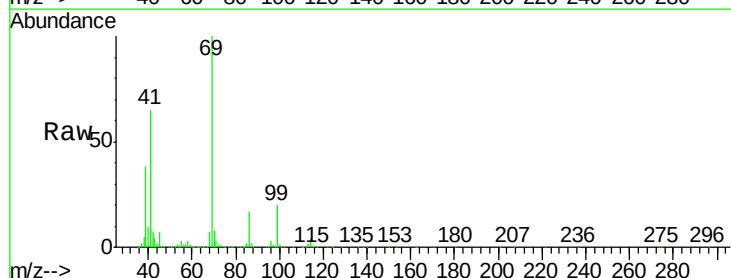
Tgt Ion: 69 Resp: 152390

Ion Ratio Lower Upper

69 100

41 62.1 48.7 73.1

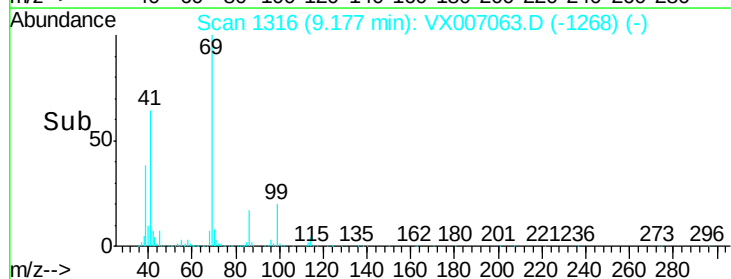
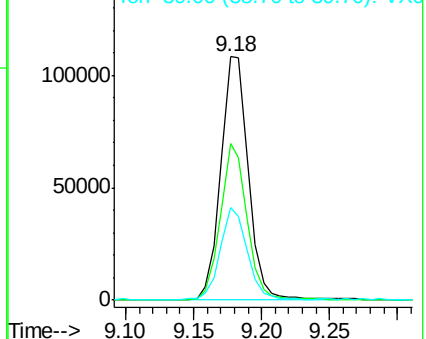
39 36.9 27.0 40.6

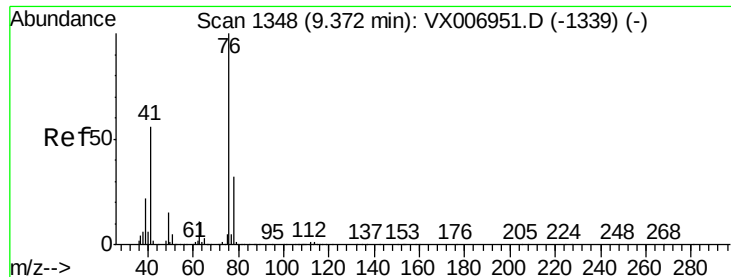


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.277 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

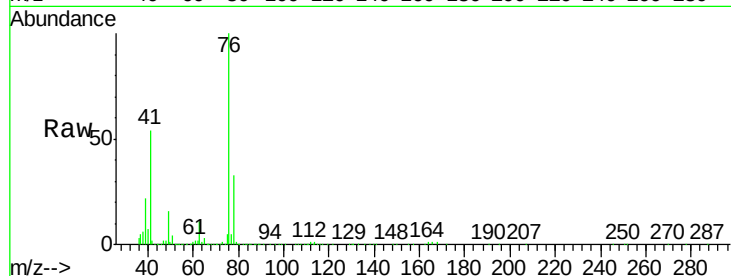
VX0115WBSD02

Tot Ion: 76 Resp: 171390

Ion Ratio Lower Upper

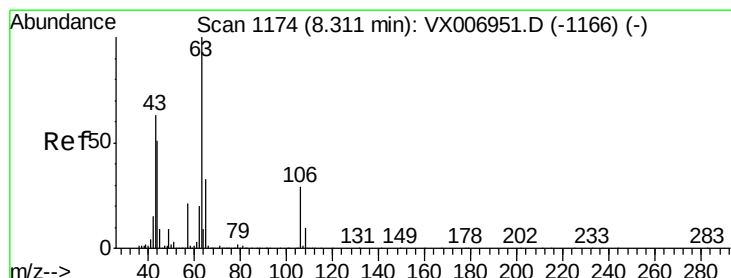
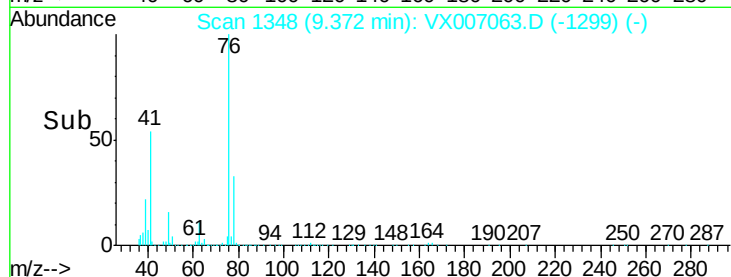
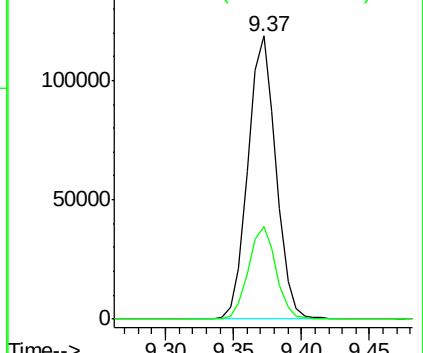
76 100

78 32.6 26.0 39.0



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: 107.403 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007063.D

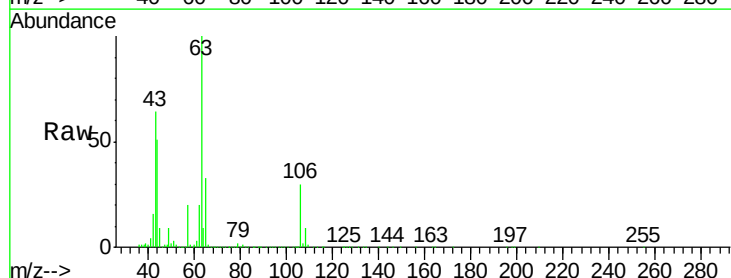
Acq: 15 Jan 2019 17:20

Tgt Ion: 63 Resp: 396388

Ion Ratio Lower Upper

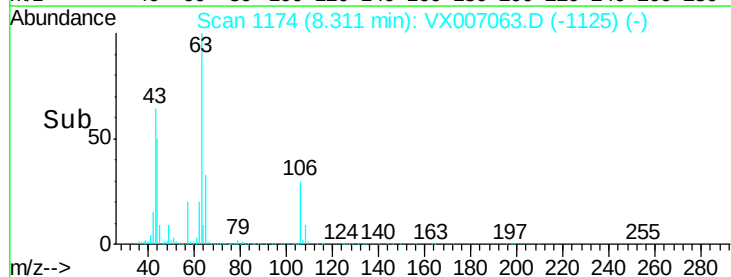
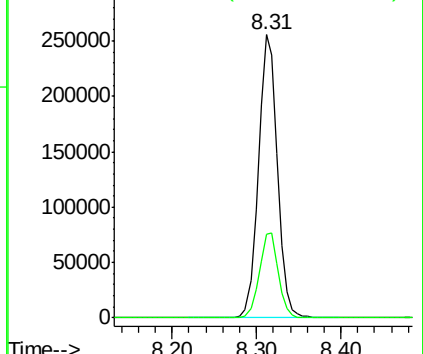
63 100

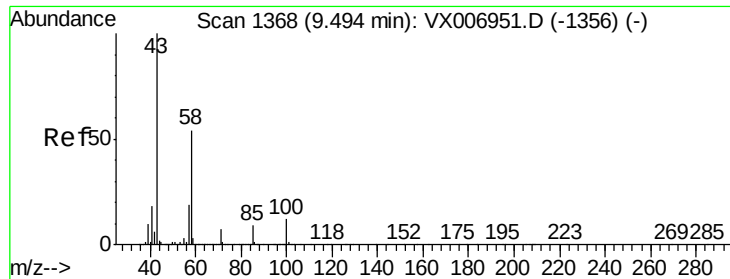
106 30.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

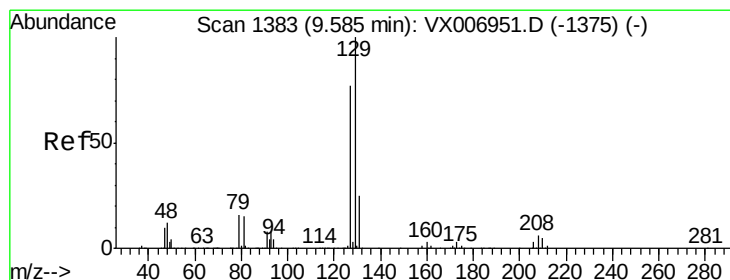
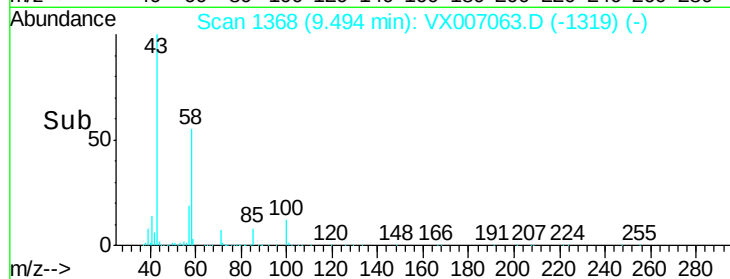
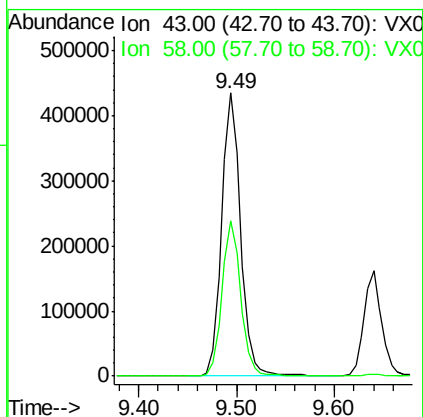
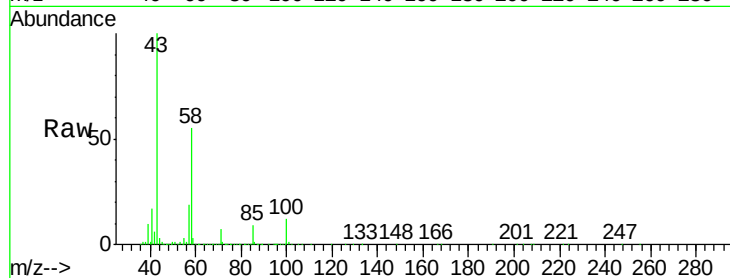




#59
2-Hexanone
Concen: 112.441 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

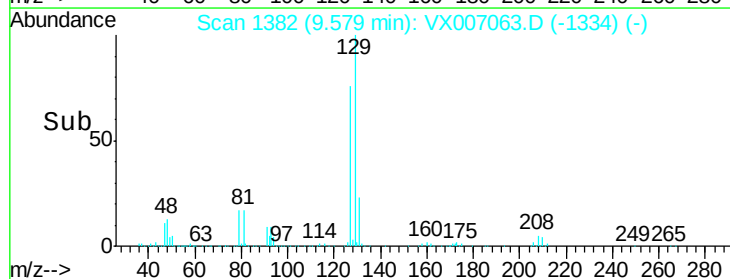
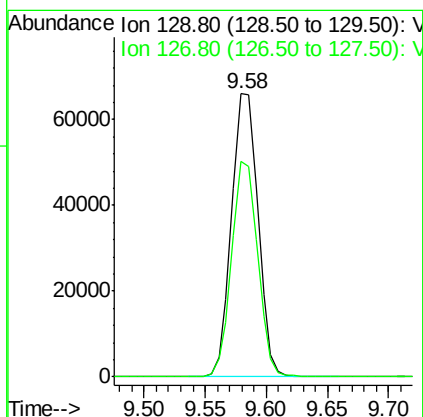
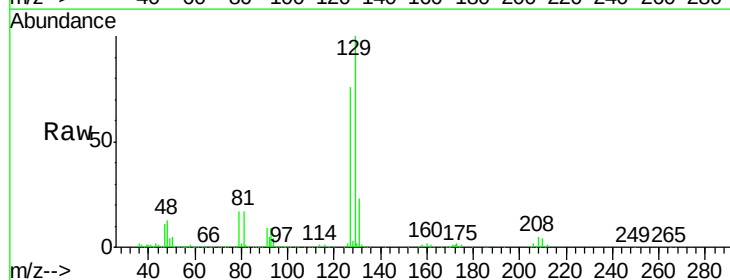
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

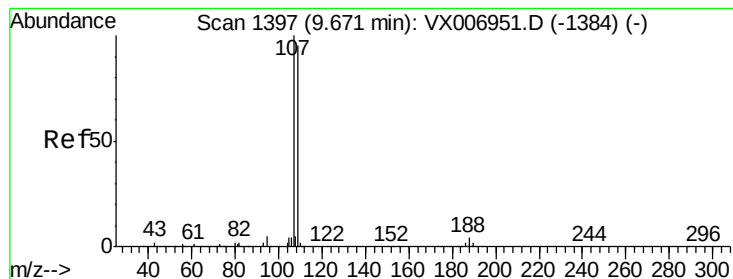
Tot Ion: 43 Resp: 583298
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1



#60
Dibromochloromethane
Concen: 20.743 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion: 129 Resp: 99038
Ion Ratio Lower Upper
129 100
127 74.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.675 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

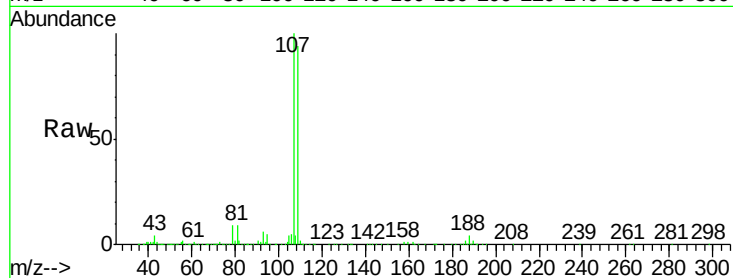
VX0115WBSD02

Tot Ion:107 Resp: 111916

Ion Ratio Lower Upper

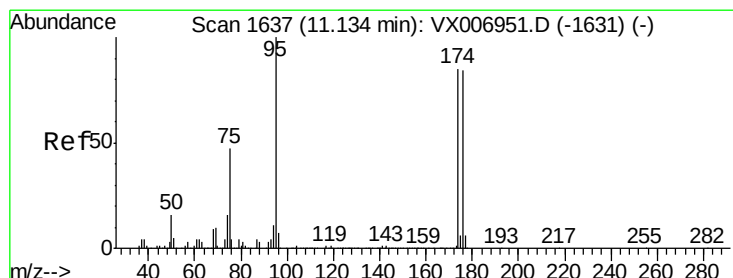
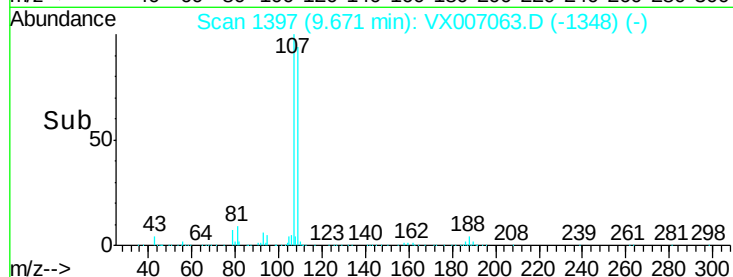
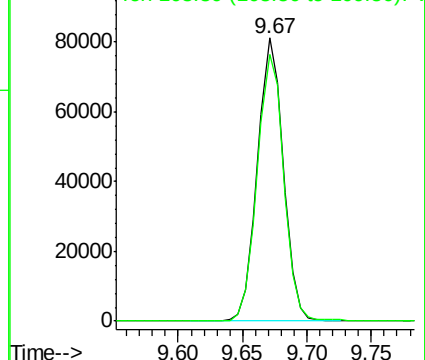
107 100

109 96.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.677 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

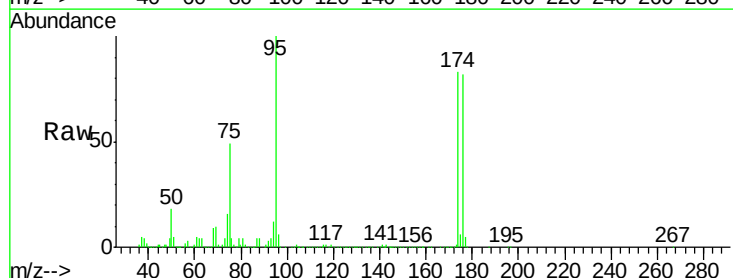
Tgt Ion: 95 Resp: 310131

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.2

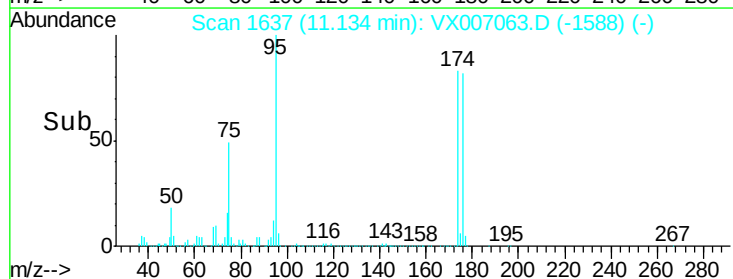
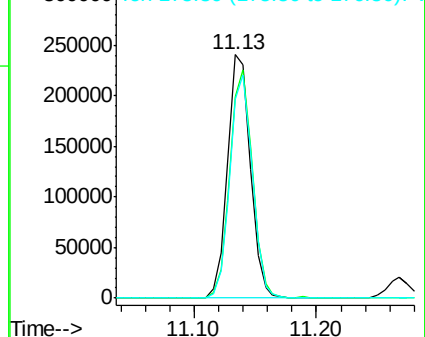
176 90.2 0.0 178.8

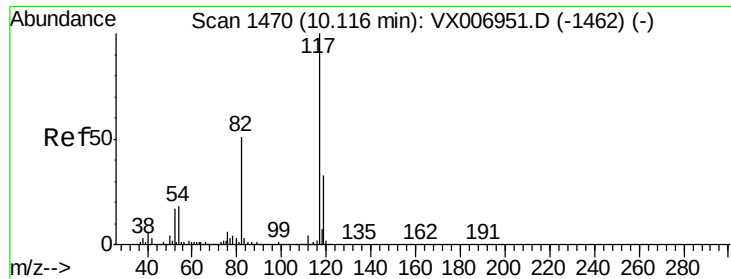


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

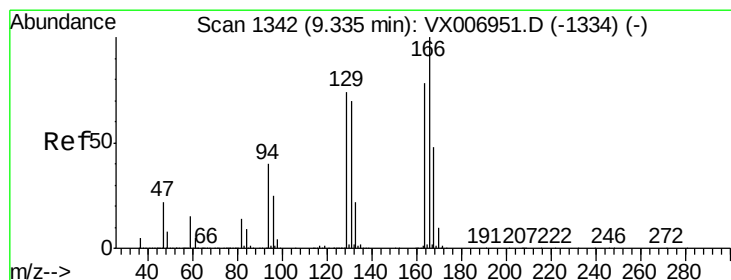
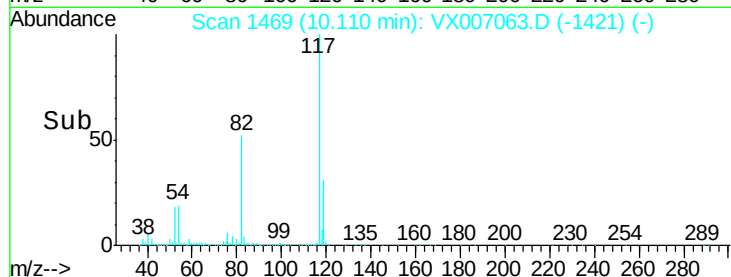
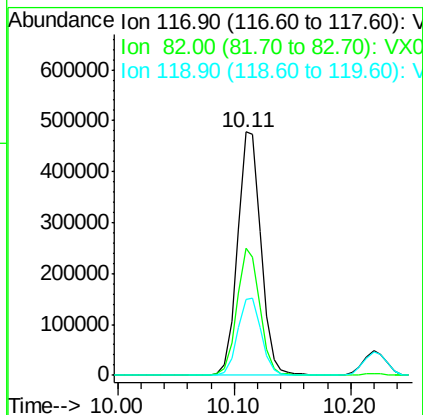
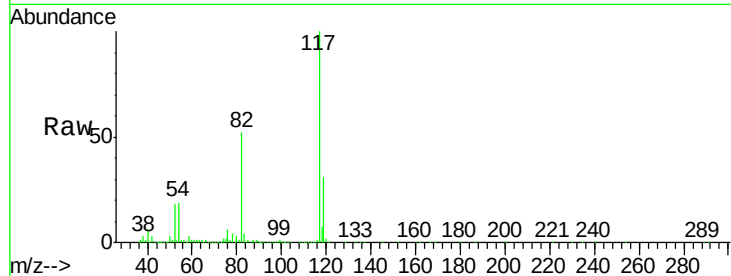




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

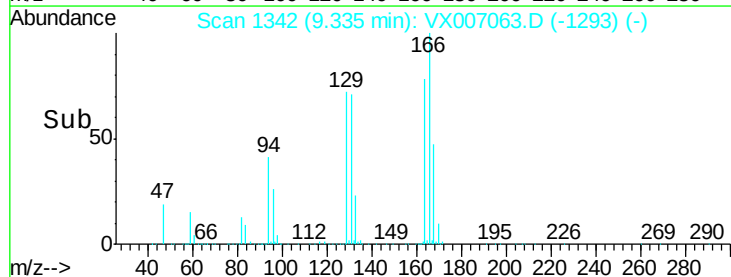
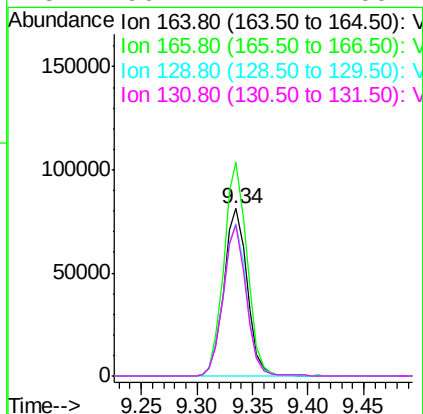
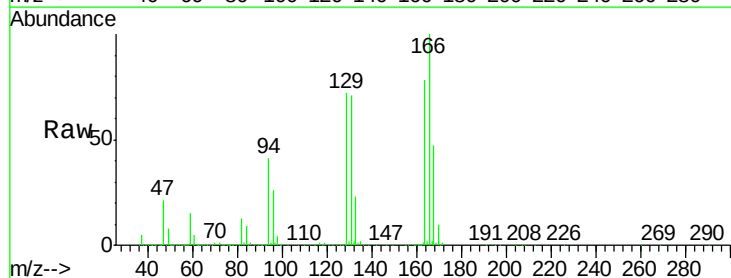
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

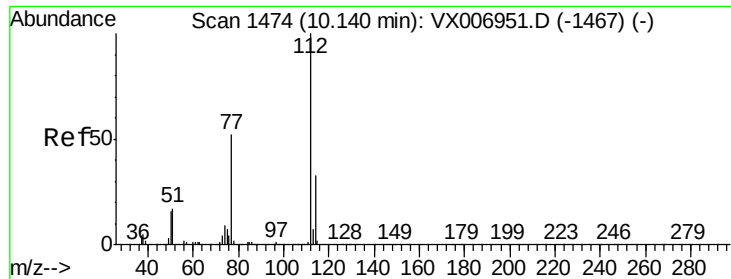
Tot Ion:117 Resp: 669007
Ion Ratio Lower Upper
117 100
82 52.0 41.0 61.6
119 31.2 25.4 38.0



#64
Tetrachloroethene
Concen: 20.456 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion:164 Resp: 118481
Ion Ratio Lower Upper
164 100
166 127.5 102.5 153.7
129 91.3 75.1 112.7
131 90.1 72.7 109.1

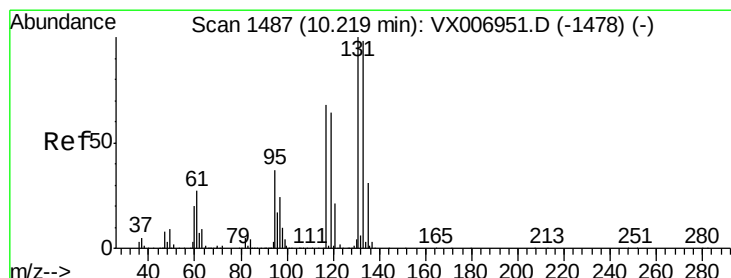
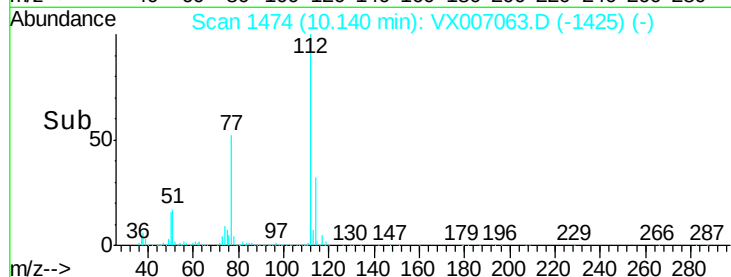
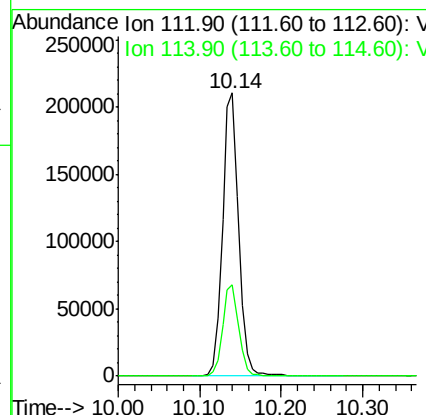
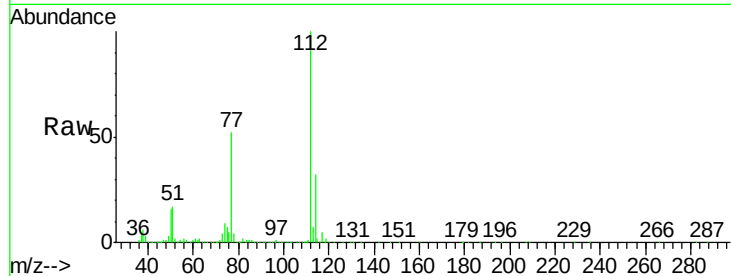




#65
Chlorobenzene
Concen: 20.087 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

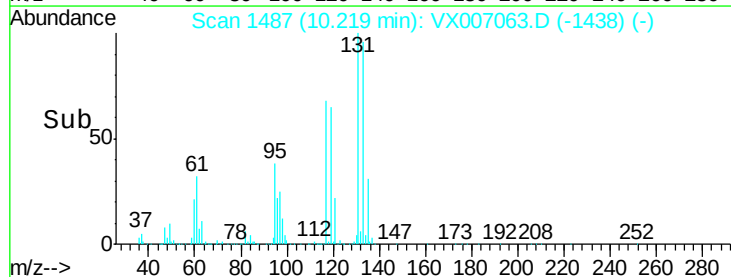
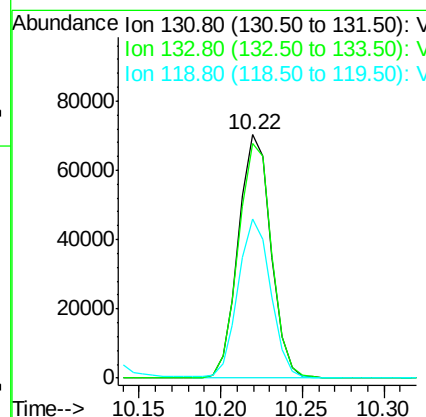
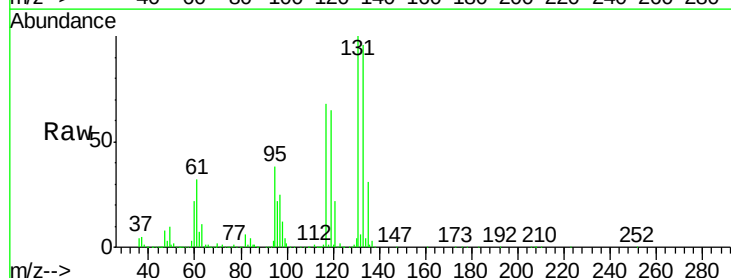
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

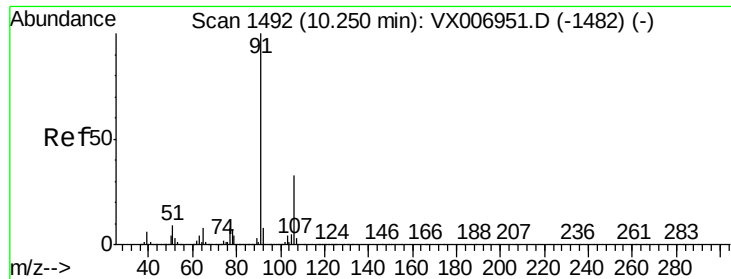
Tot Ion:112 Resp: 293099
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.009 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion:131 Resp: 98216
Ion Ratio Lower Upper
131 100
133 98.4 48.0 144.2
119 65.8 32.6 97.8

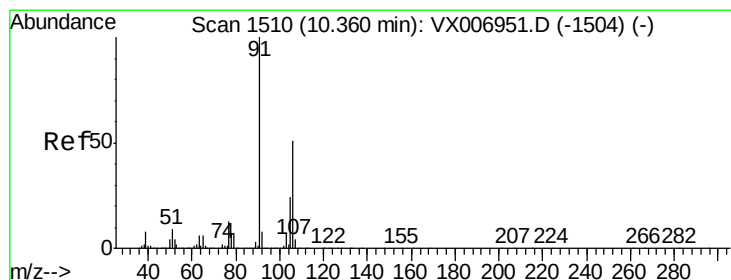
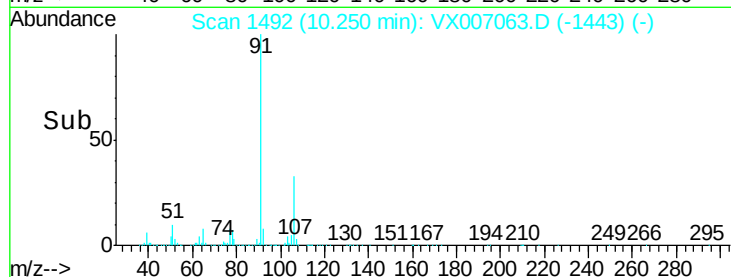
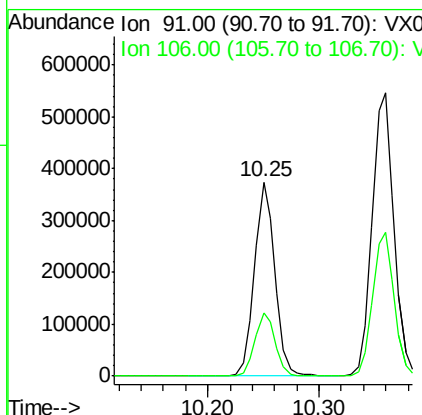
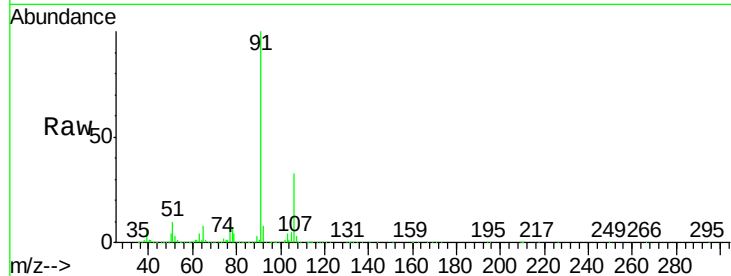




#67
Ethyl Benzene
Concen: 19.840 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

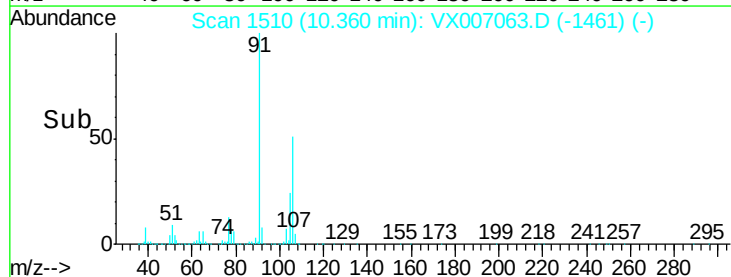
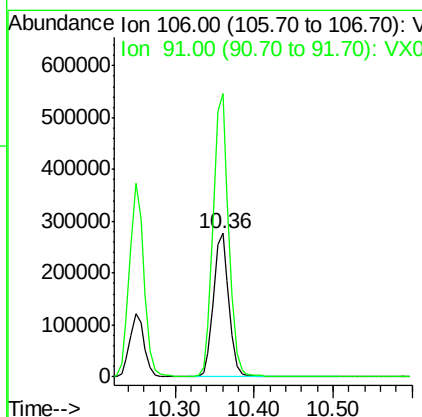
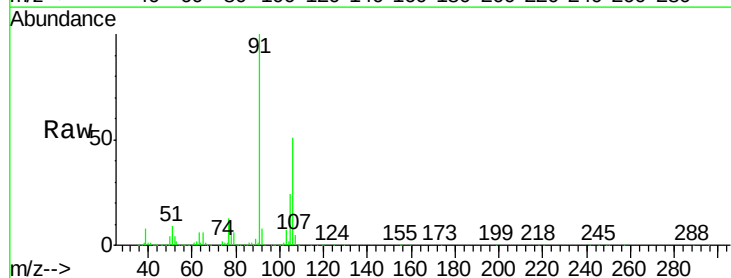
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

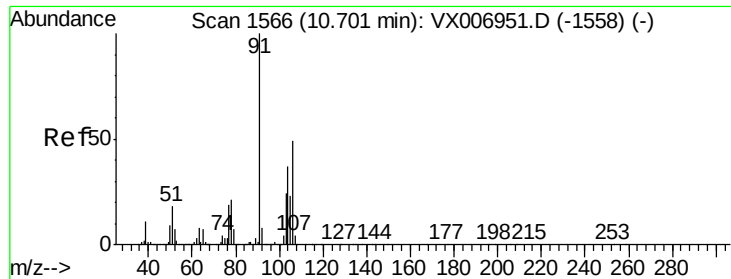
Tot Ion: 91 Resp: 477912
Ion Ratio Lower Upper
91 100
106 32.6 26.4 39.6



#68
m/p-Xylenes
Concen: 39.879 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion: 106 Resp: 378469
Ion Ratio Lower Upper
106 100
91 197.9 155.8 233.6

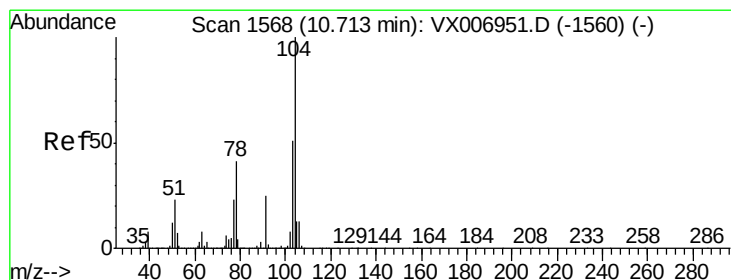
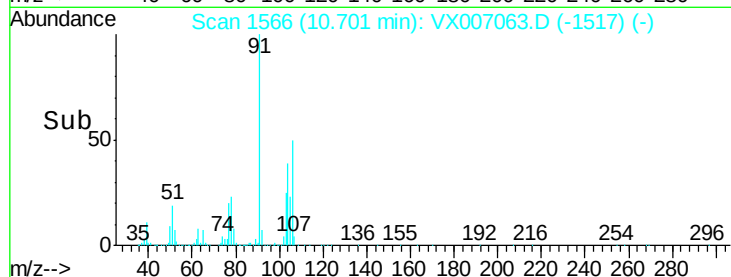
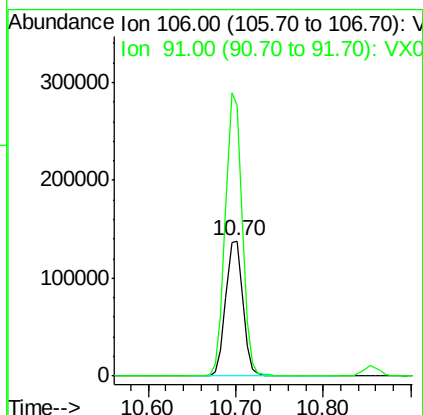
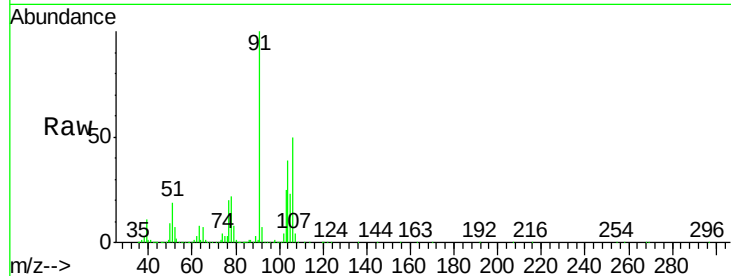




#69
o-Xylene
Concen: 20.462 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

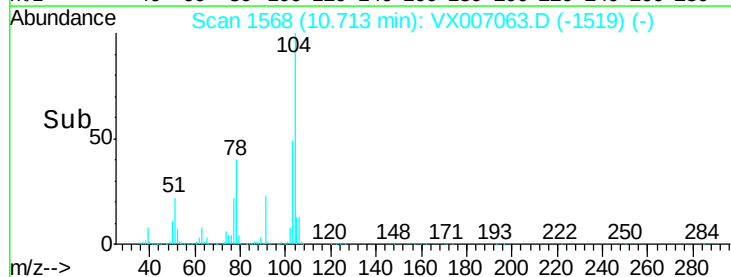
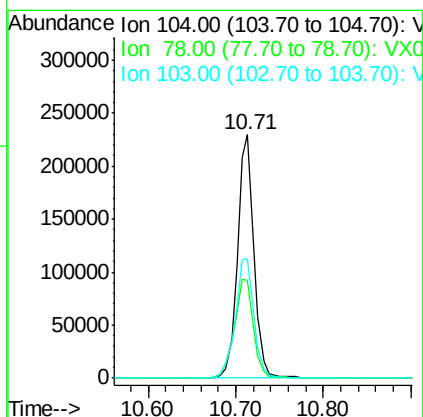
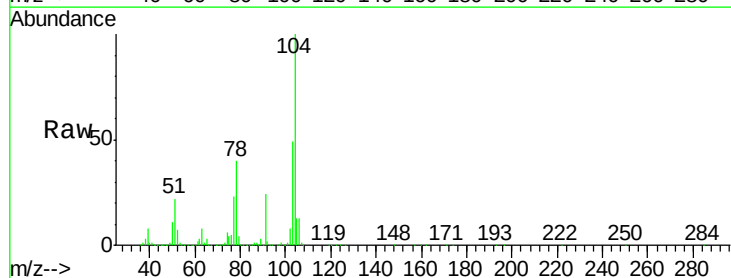
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

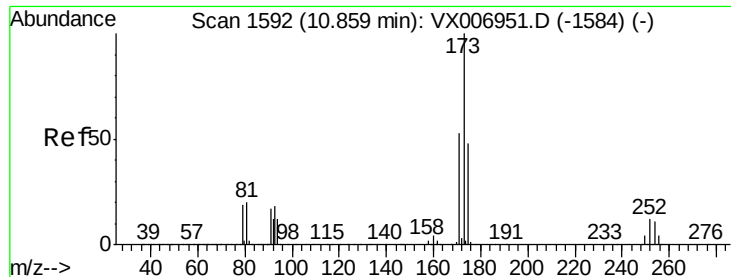
Tot Ion:106 Resp: 189389
Ion Ratio Lower Upper
106 100
91 203.6 101.3 303.7



#70
Styrene
Concen: 20.685 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion:104 Resp: 303229
Ion Ratio Lower Upper
104 100
78 47.1 37.7 56.5
103 56.1 43.8 65.8





#71

Bromoform

Concen: 19.242 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

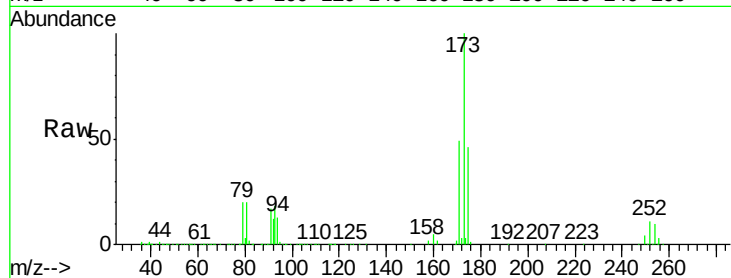
Tot Ion:173 Resp: 70395

Ion Ratio Lower Upper

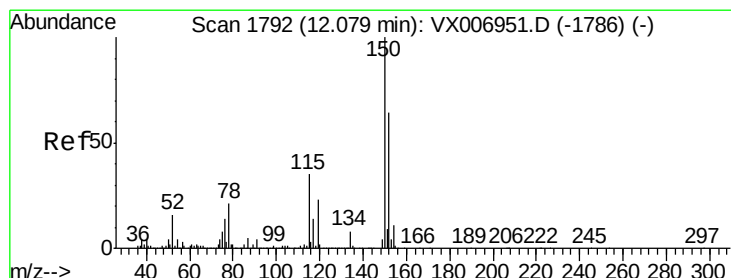
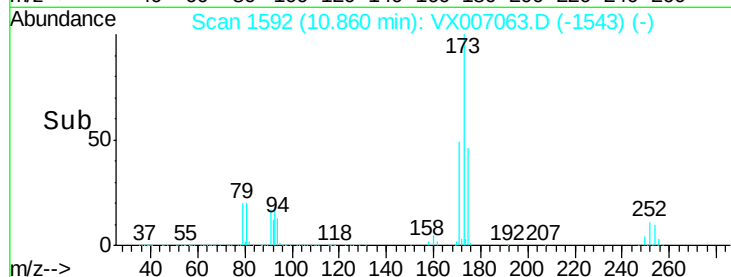
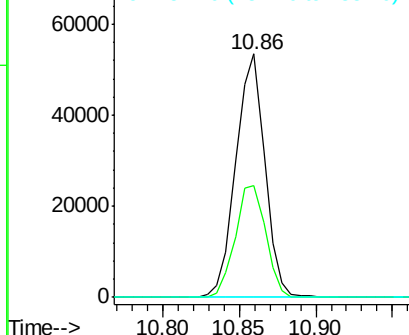
173 100

175 48.7 24.7 74.1

254 0.3 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# 1792

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

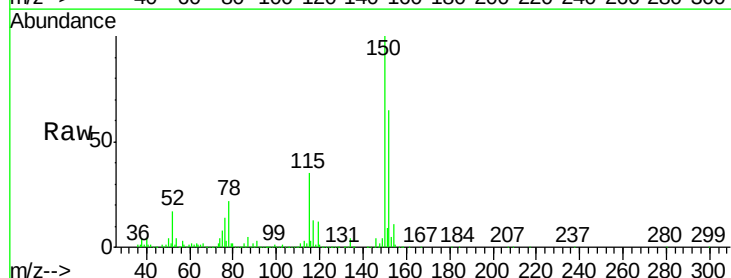
Tgt Ion:152 Resp: 339924

Ion Ratio Lower Upper

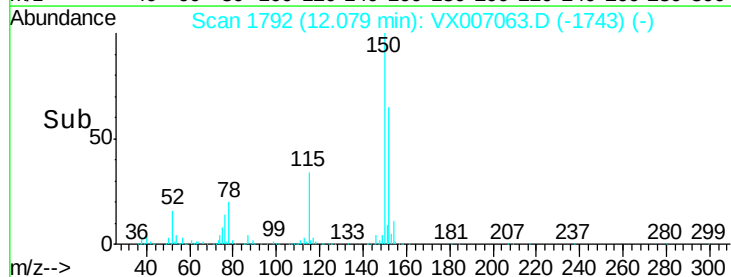
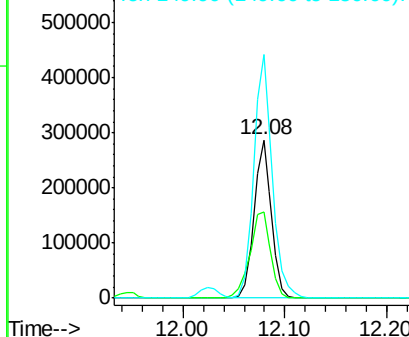
152 100

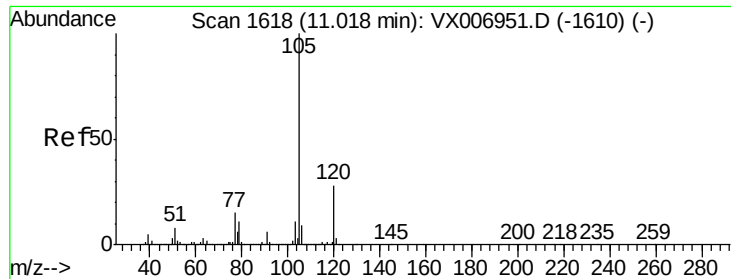
115 65.4 39.1 117.2

150 164.4 0.0 344.8



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: 20.626 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

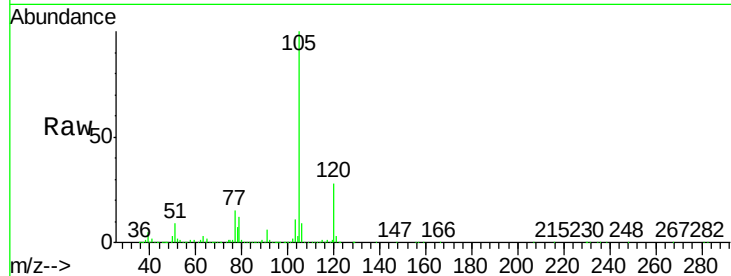
VX0115WBSD02

Tot Ion:105 Resp: 494399

Ion Ratio Lower Upper

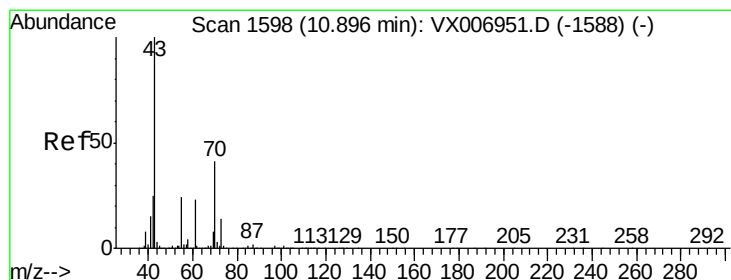
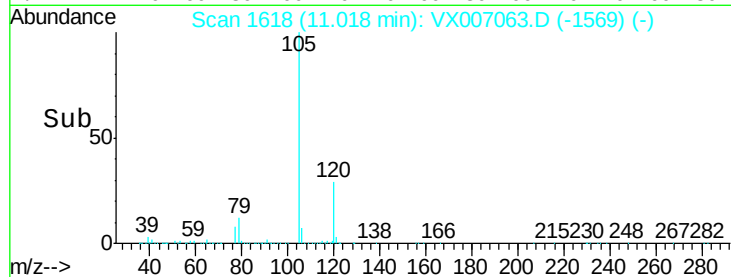
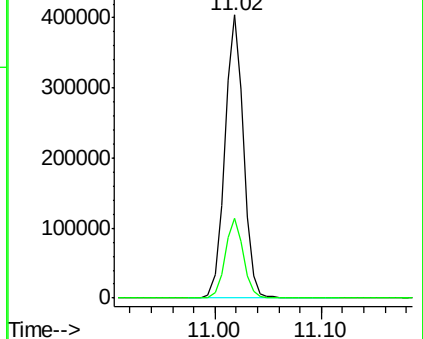
105 100

120 27.6 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.147 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Tgt Ion: 43 Resp: 194427

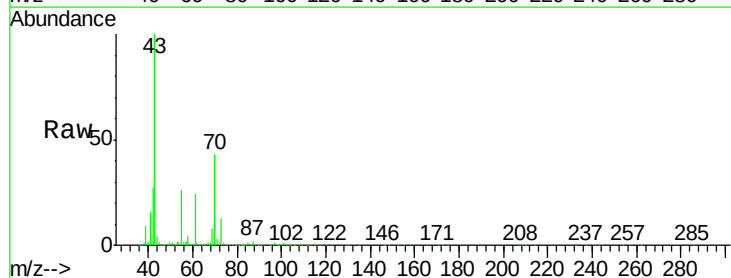
Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 25.9 19.4 29.0

61 24.2 20.1 30.1

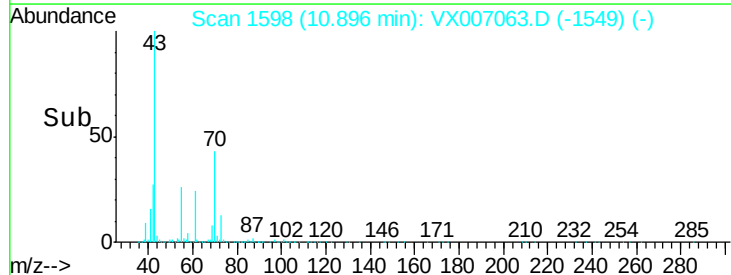
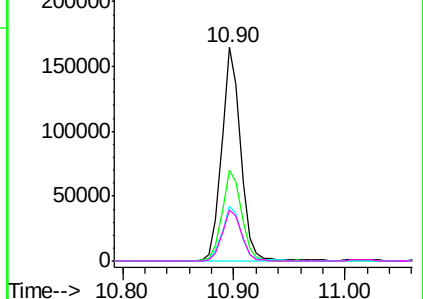


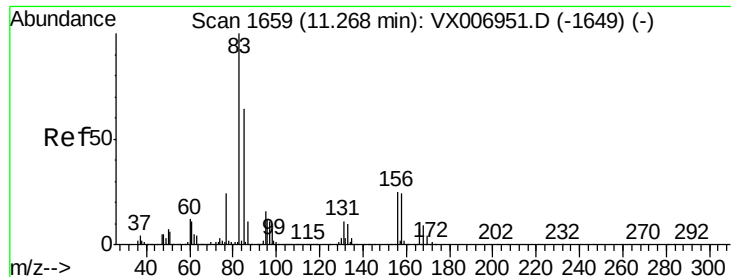
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.006 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

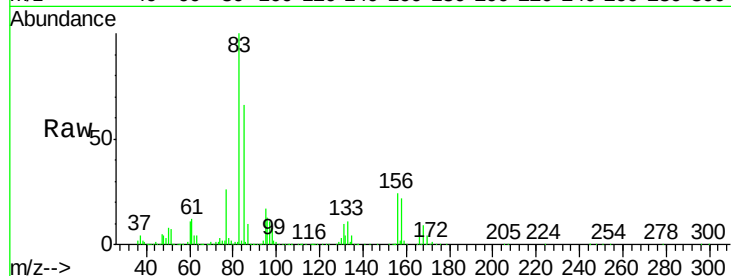
Tot Ion: 83 Resp: 159848

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

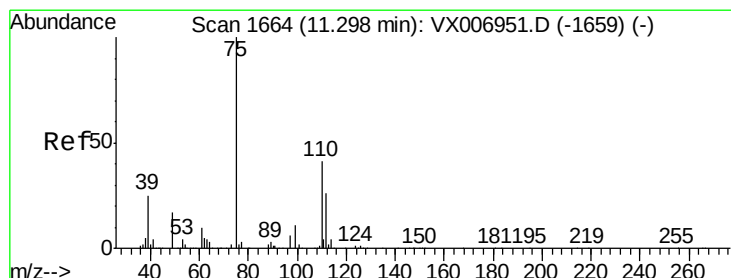
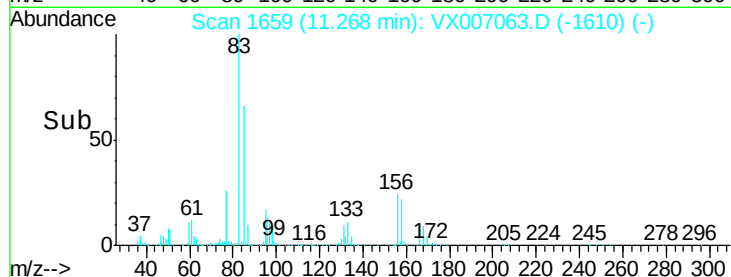
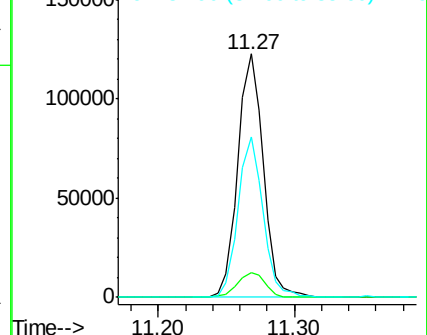
85 65.1 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.088 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007063.D

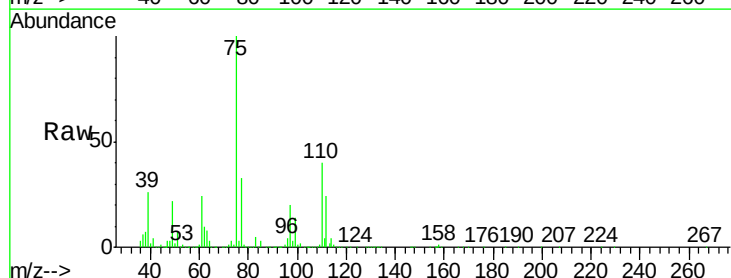
Acq: 15 Jan 2019 17:20

Tgt Ion: 75 Resp: 172813

Ion Ratio Lower Upper

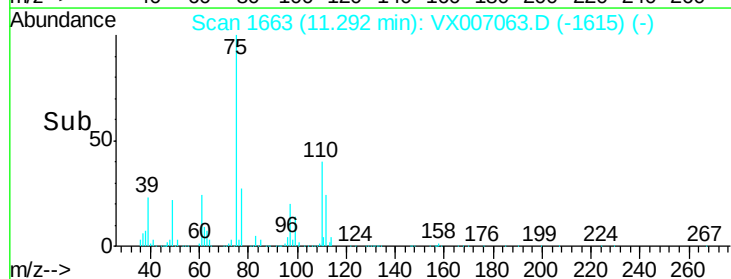
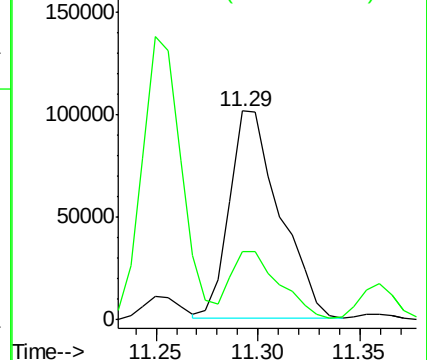
75 100

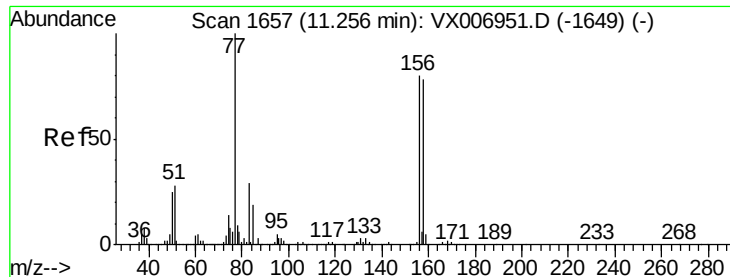
77 32.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.933 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

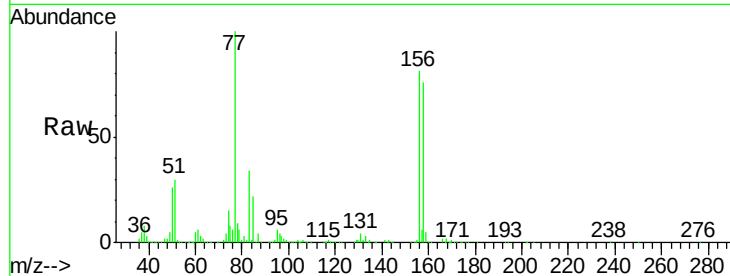
Tot Ion:156 Resp: 138254

Ion Ratio Lower Upper

156 100

77 134.0 68.0 204.0

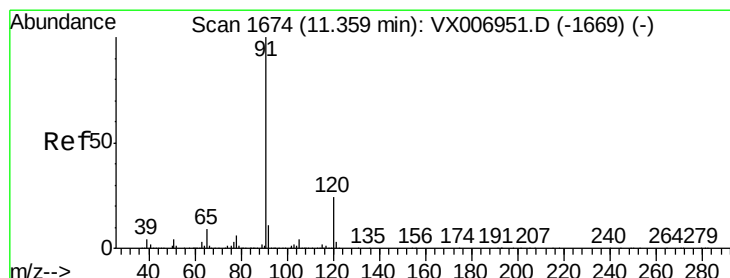
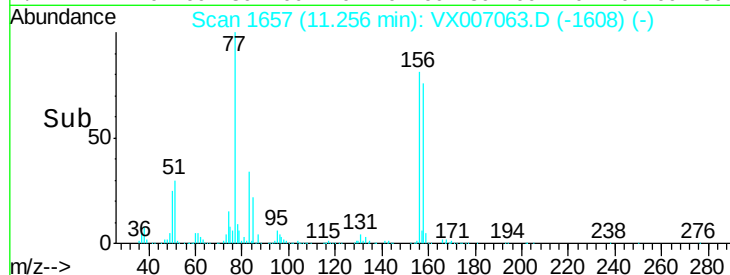
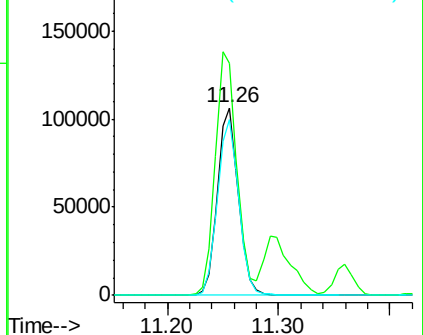
158 95.2 48.3 144.8



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: 20.898 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007063.D

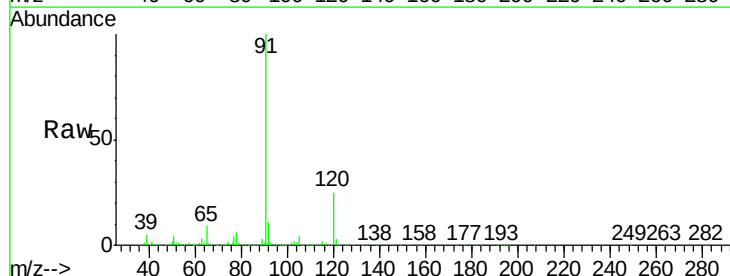
Acq: 15 Jan 2019 17:20

Tgt Ion: 91 Resp: 549888

Ion Ratio Lower Upper

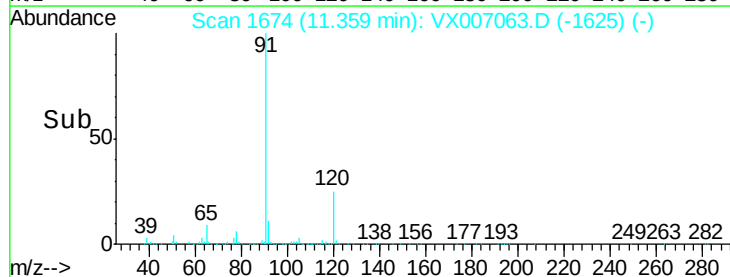
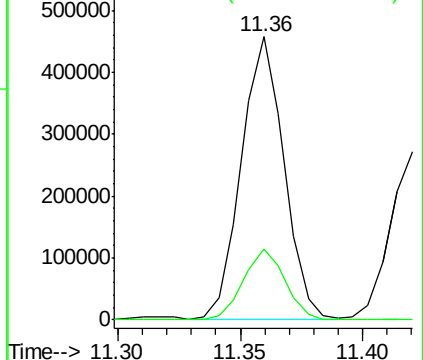
91 100

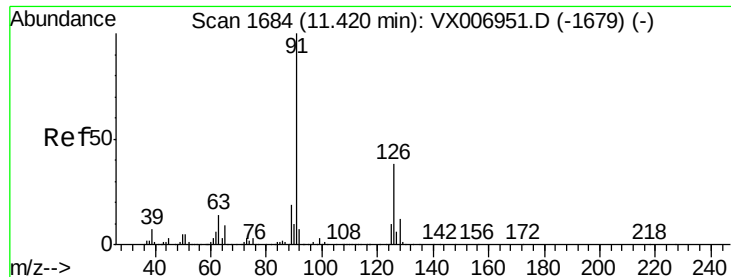
120 24.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.881 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

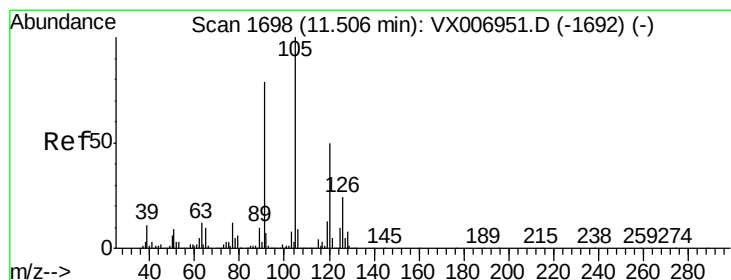
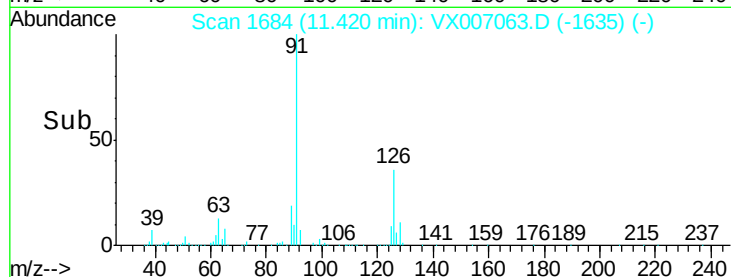
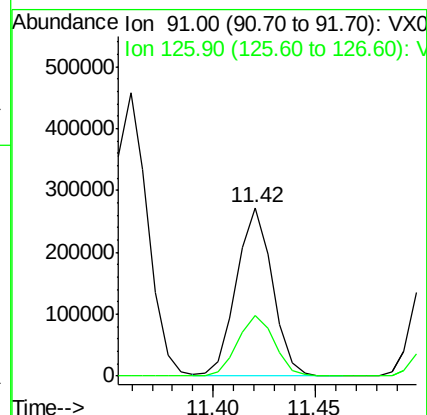
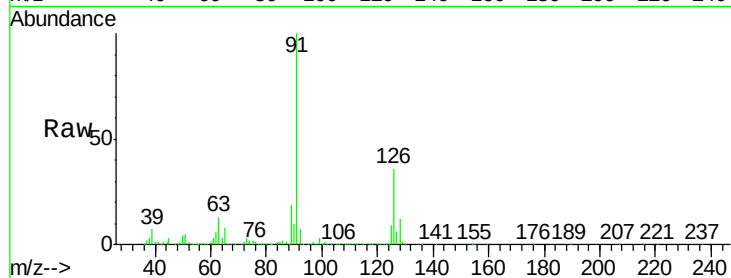
VX0115WBSD02

Tot Ion: 91 Resp: 330738

Ion Ratio Lower Upper

91 100

126 36.9 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 20.458 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007063.D

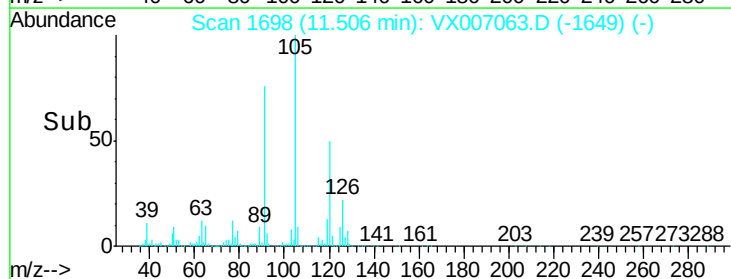
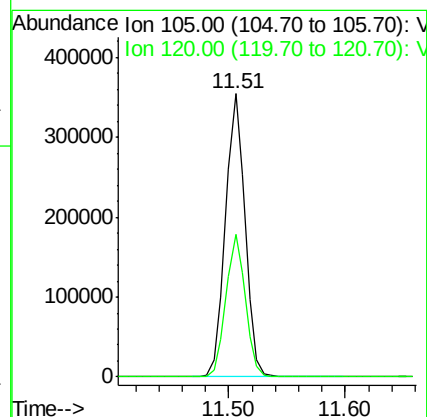
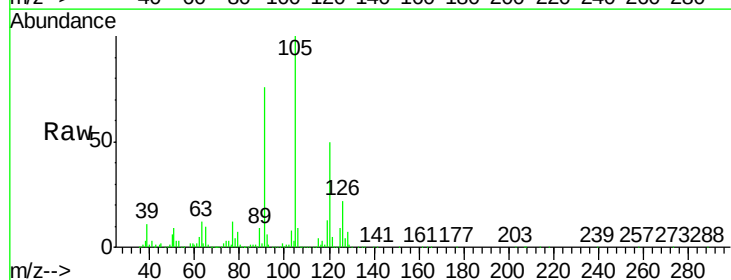
Acq: 15 Jan 2019 17:20

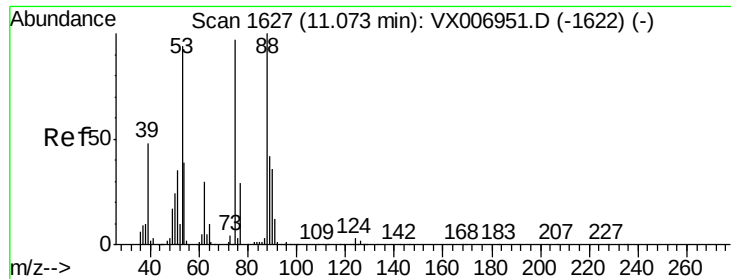
Tgt Ion:105 Resp: 409738

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3

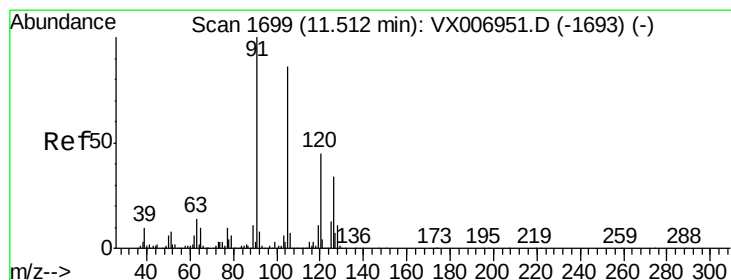
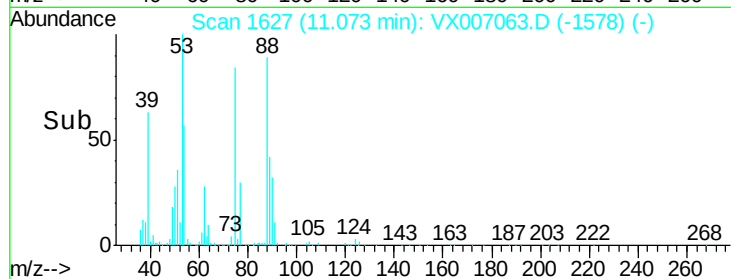
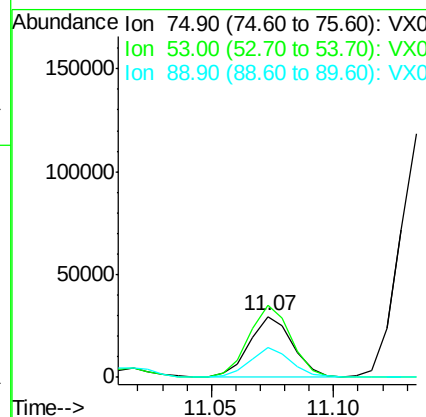
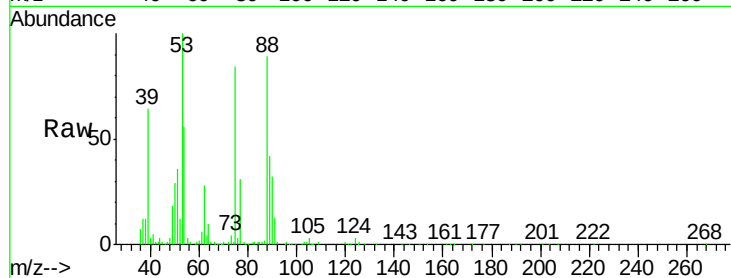




#81
 trans-1,4-Dichloro-2-butene
 Concen: 18.292 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

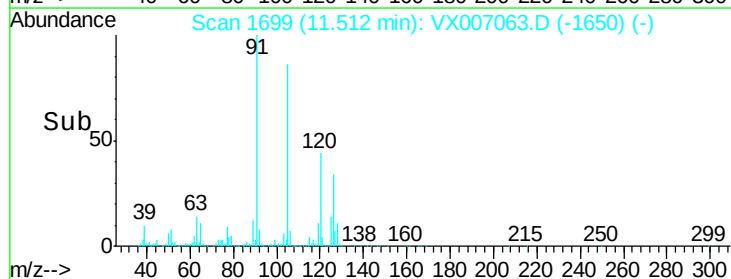
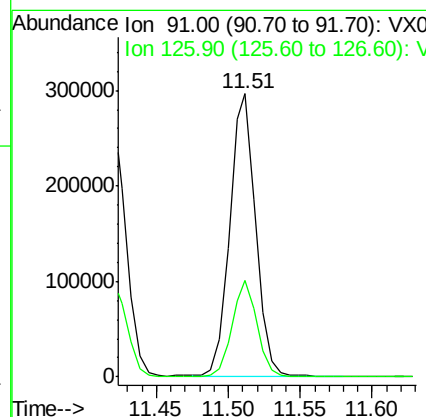
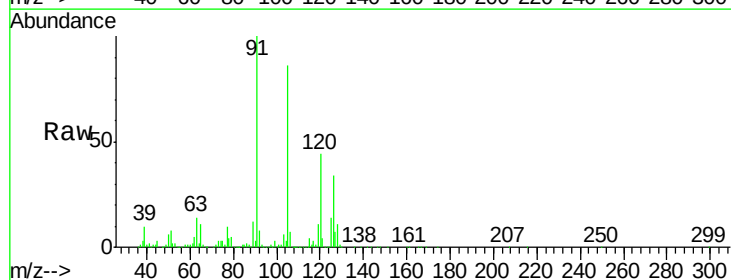
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

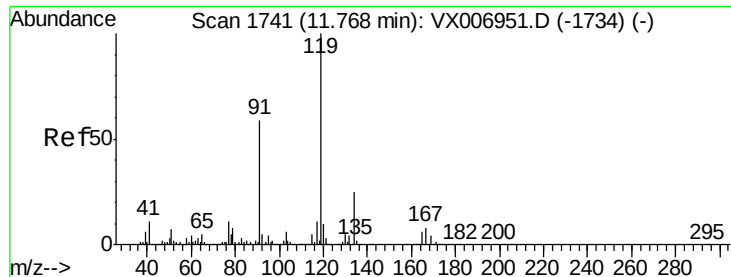
Tot Ion: 75 Resp: 35829
 Ion Ratio Lower Upper
 75 100
 53 118.1 79.7 119.5
 89 47.6 38.0 57.0



#82
 4-Chlorotoluene
 Concen: 20.465 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

Tgt Ion: 91 Resp: 375328
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.9





#83

tert-Butylbenzene

Concen: 20.731 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

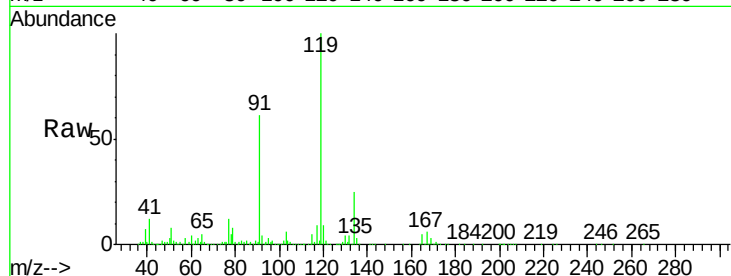
Tot Ion:119 Resp: 414256

Ion Ratio Lower Upper

119 100

91 55.4 27.7 83.1

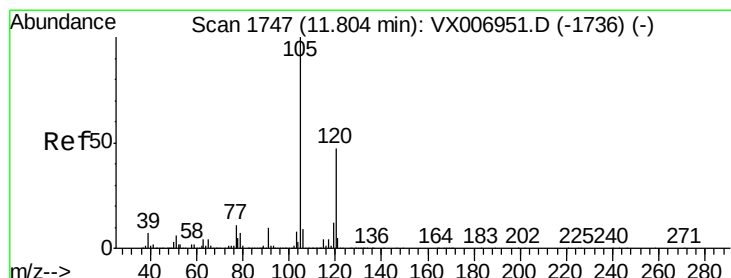
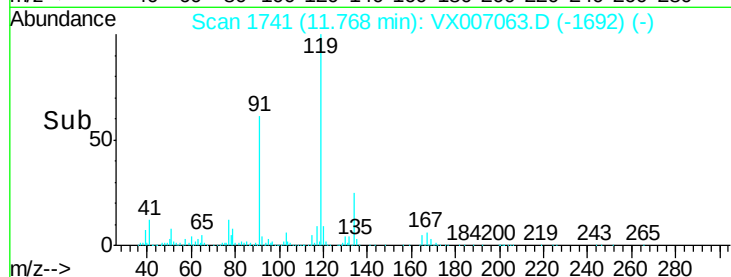
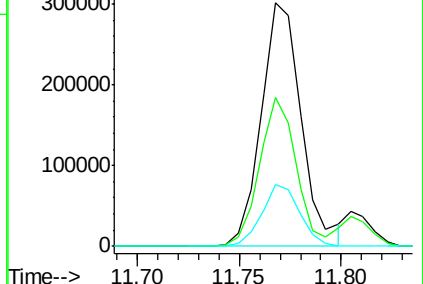
134 24.1 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.933 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007063.D

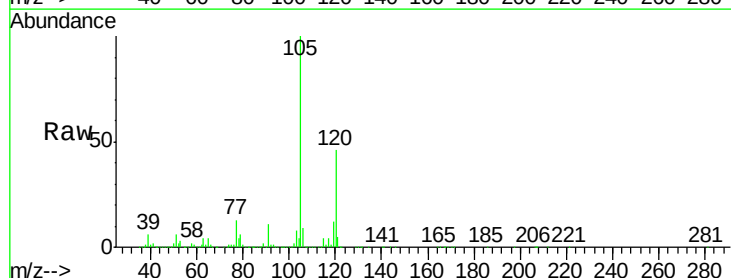
Acq: 15 Jan 2019 17:20

Tgt Ion:105 Resp: 421588

Ion Ratio Lower Upper

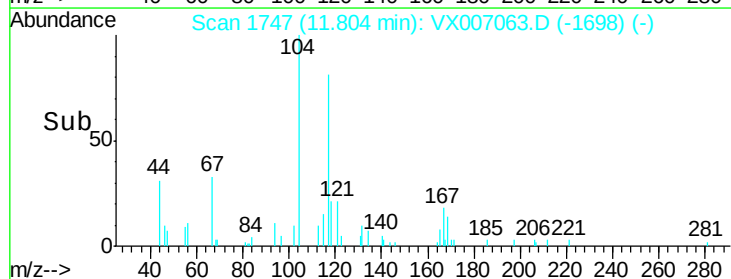
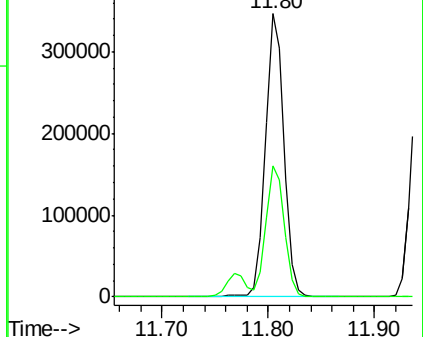
105 100

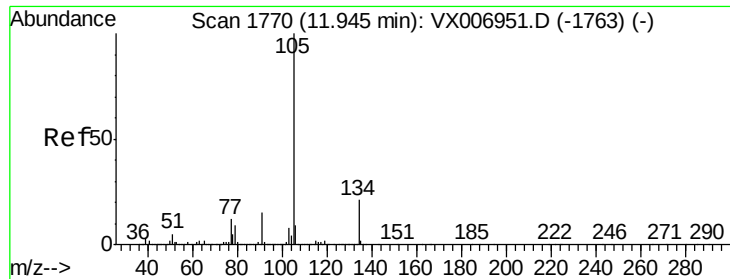
120 46.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.797 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

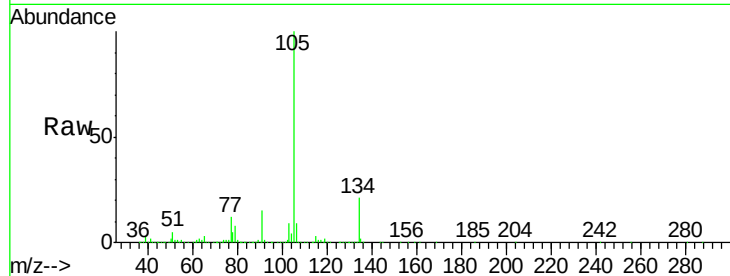
VX0115WBSD02

Tot Ion:105 Resp: 496325

Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

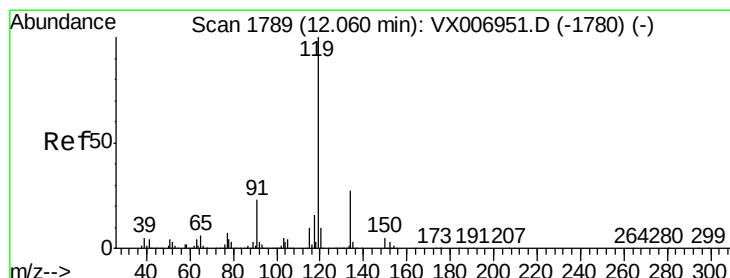
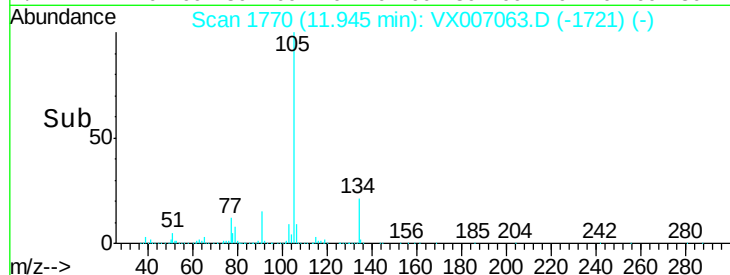
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.641 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

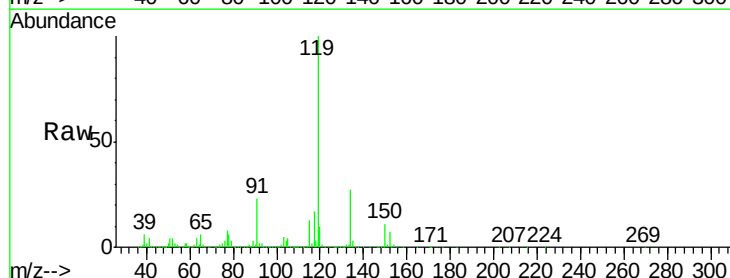
Tgt Ion:119 Resp: 440604

Ion Ratio Lower Upper

119 100

134 27.9 14.0 41.9

91 22.7 11.3 33.9



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

12.06

400000

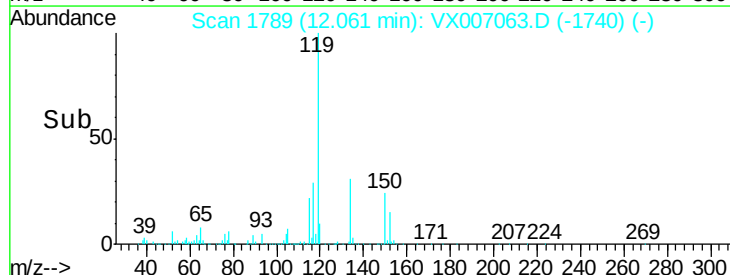
300000

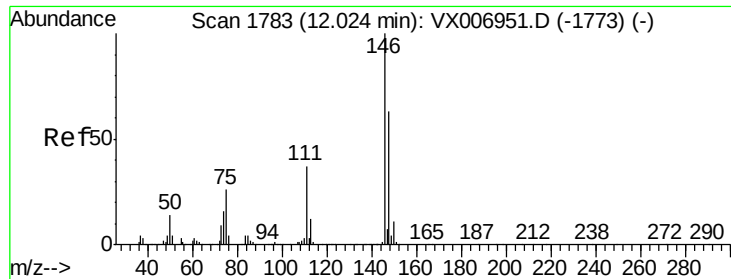
200000

100000

0

Time-->

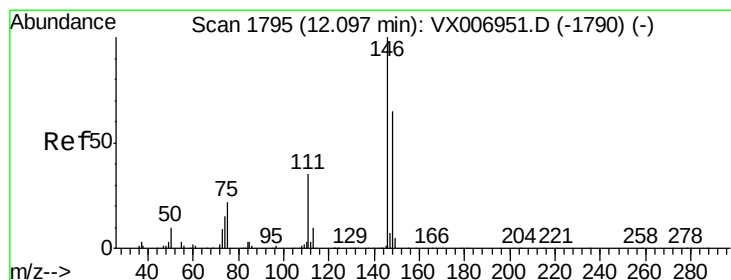
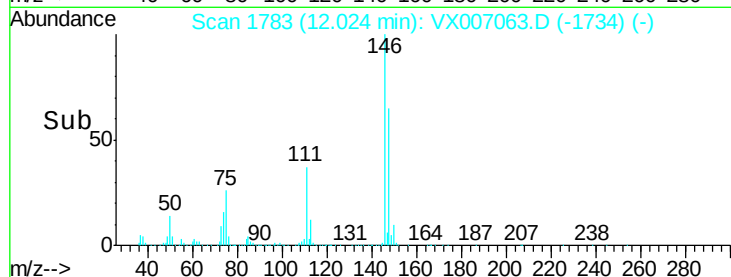
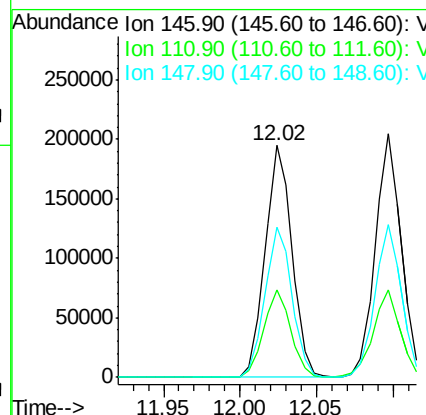
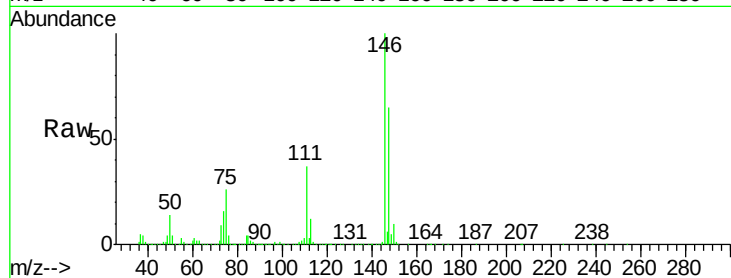




#87
 1,3-Dichlorobenzene
 Concen: 20.098 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

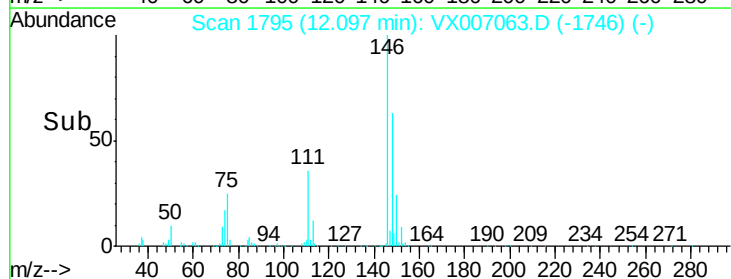
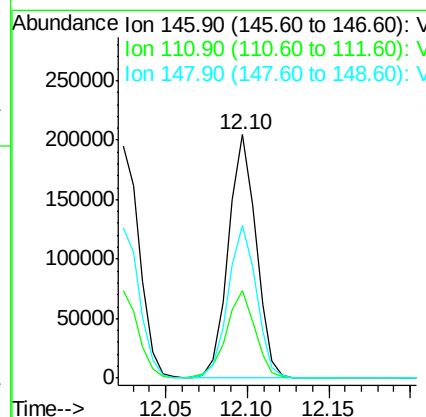
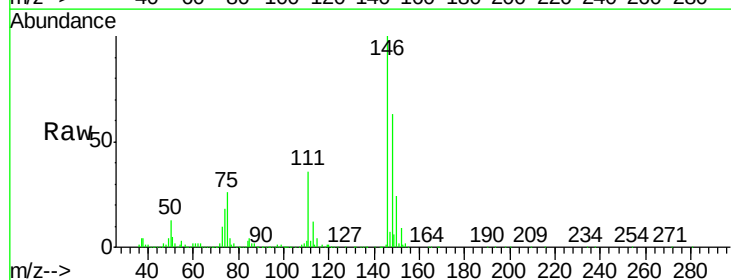
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

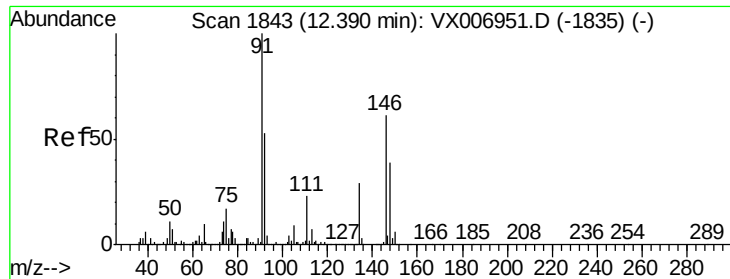
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	65.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 21.503 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	64.1	31.9	95.9

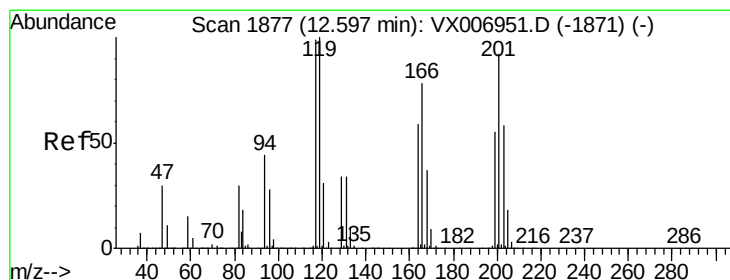
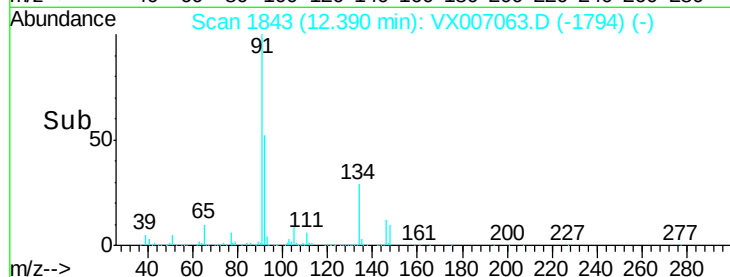
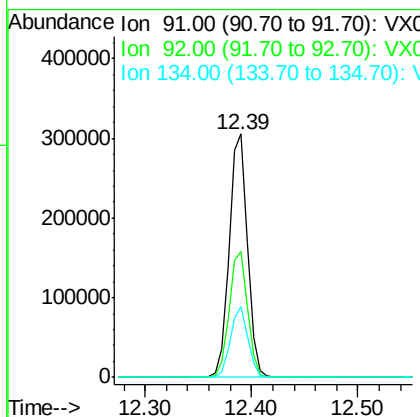
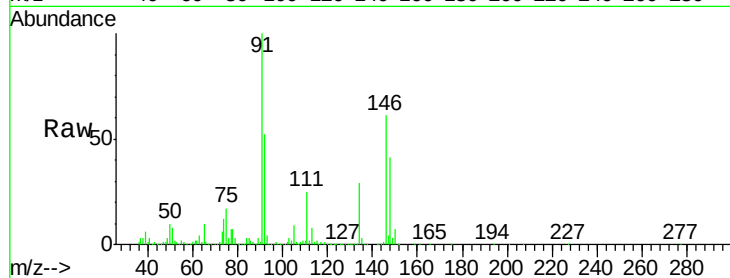




#89
n-Butylbenzene
Concen: 20.157 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

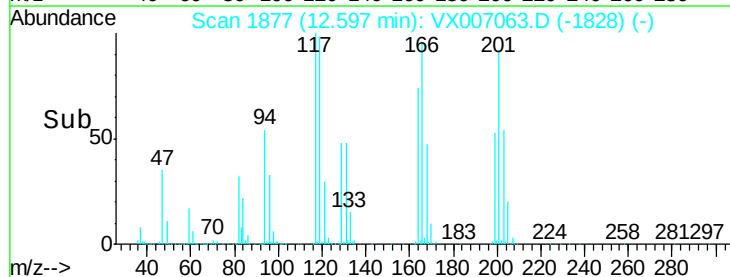
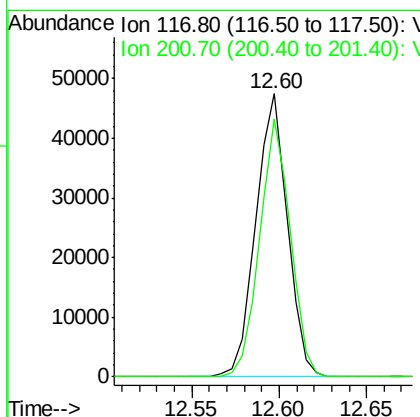
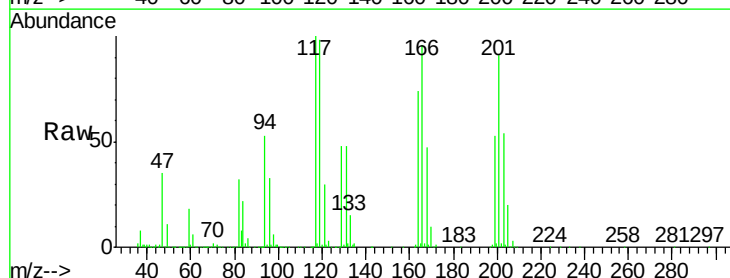
Instrument :
MSVOA_X
ClientSampleId :
VX0115WBSD02

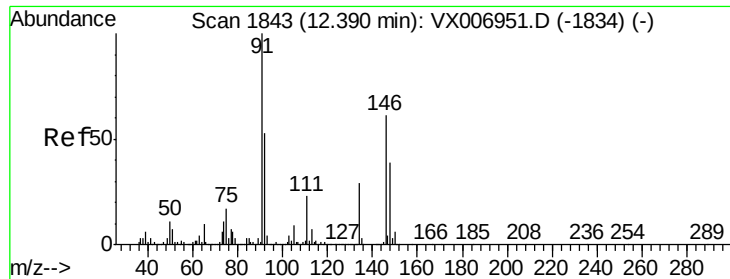
Tot Ion: 91 Resp: 366805
Ion Ratio Lower Upper
91 100
92 52.2 26.8 80.4
134 28.0 14.4 43.2



#90
Hexachloroethane
Concen: 19.392 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007063.D
Acq: 15 Jan 2019 17:20

Tgt Ion: 117 Resp: 59641
Ion Ratio Lower Upper
117 100
201 88.5 42.9 128.7

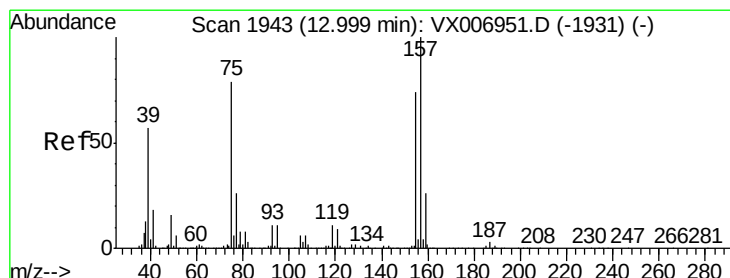
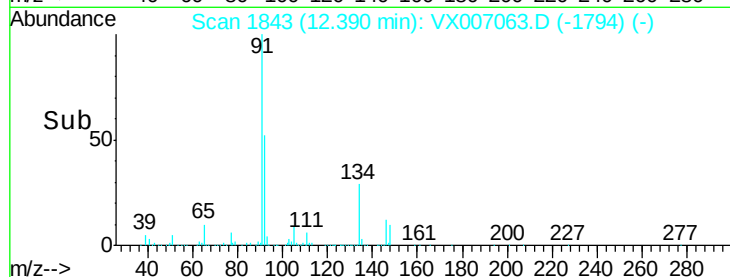
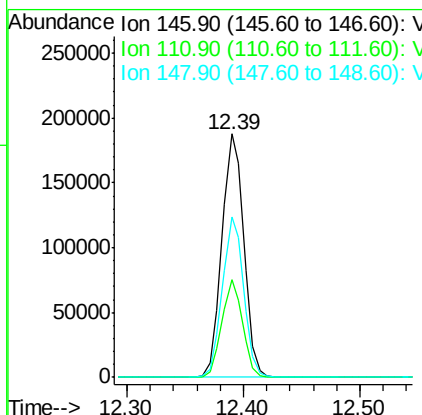
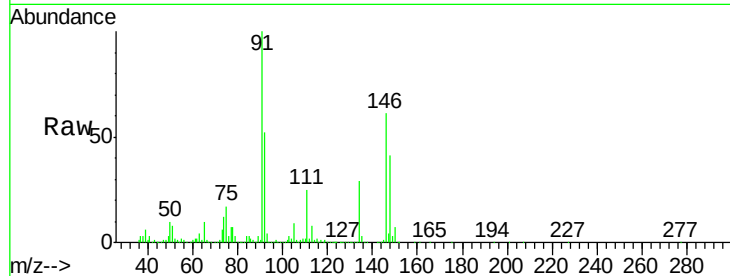




#91
 1,2-Dichlorobenzene
 Concen: 20.665 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

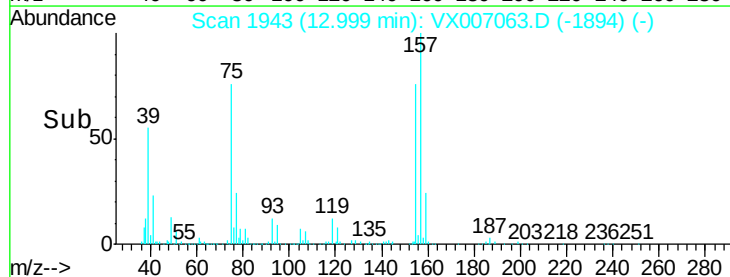
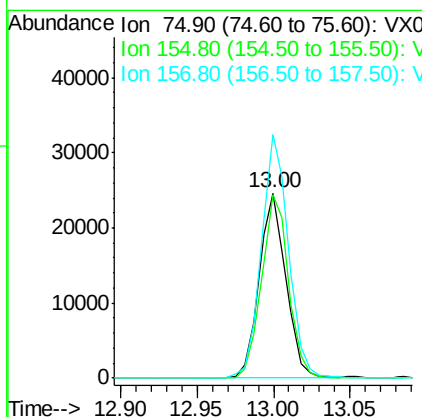
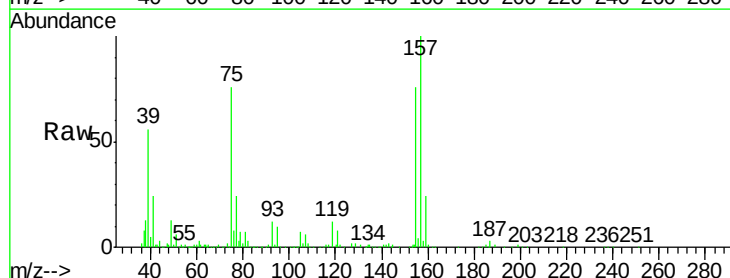
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

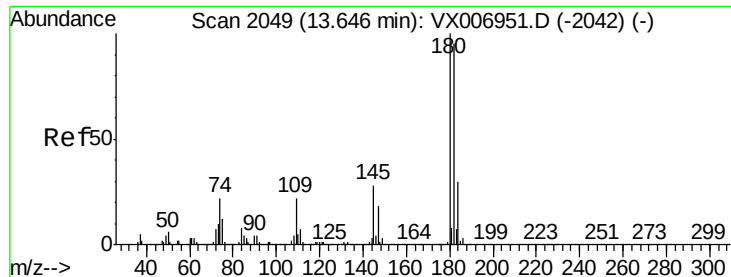
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.2
148	64.2	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.012 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.8	50.6	151.8
157	133.7	64.6	193.8

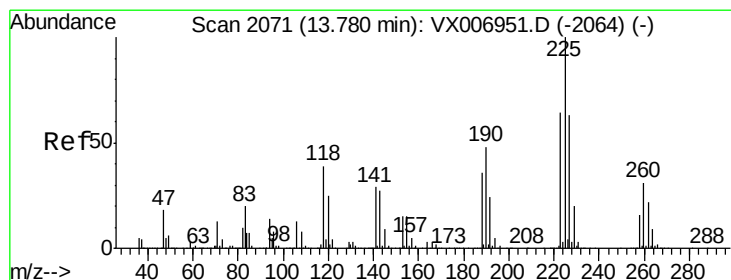
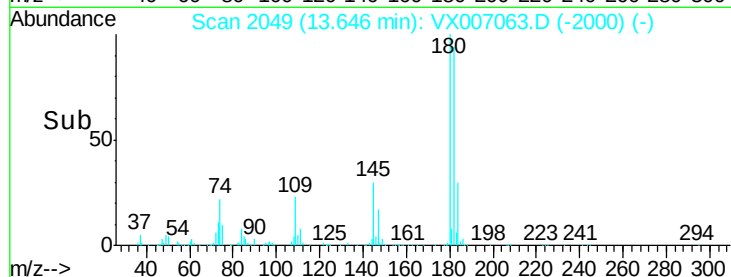
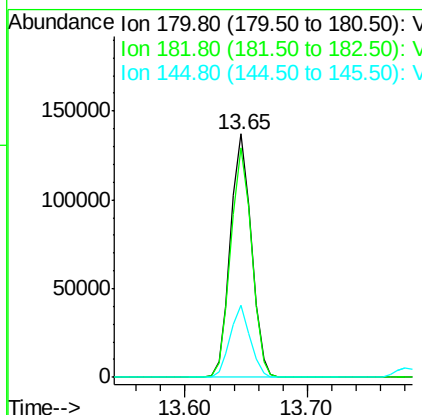
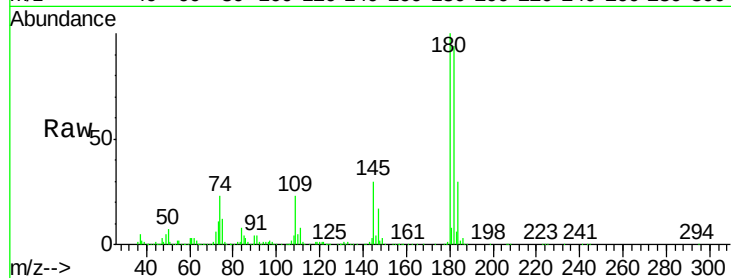




#93
 1,2,4-Trichlorobenzene
 Concen: 19.995 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

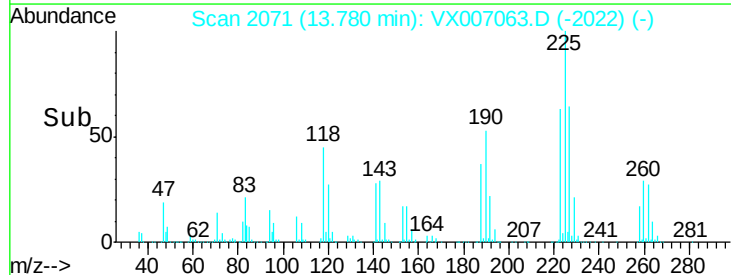
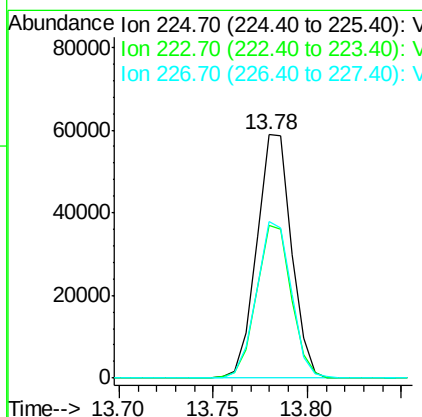
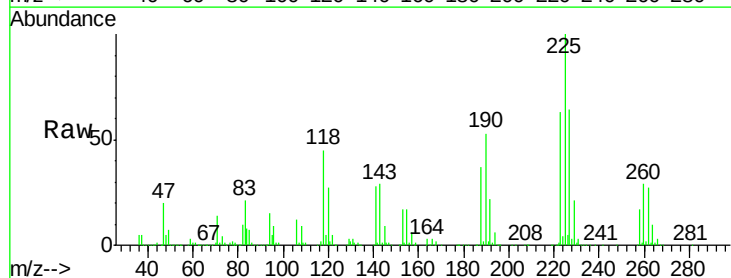
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0115WBSD02

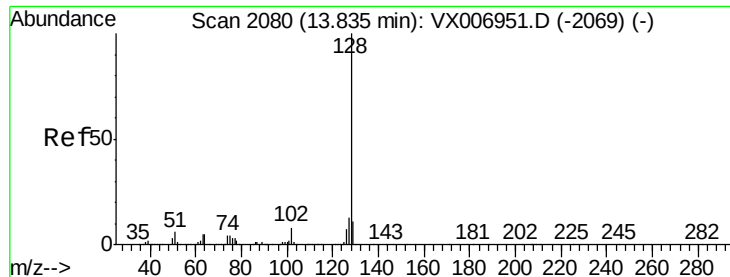
Tot Ion:180 Resp: 161603
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 142.0
 145 28.5 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 20.993 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007063.D
 Acq: 15 Jan 2019 17:20

Tgt Ion:225 Resp: 75296
 Ion Ratio Lower Upper
 225 100
 223 62.9 32.1 96.3
 227 64.2 32.3 96.8





#95

Naphthalene

Concen: 20.472 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0115WBSD02

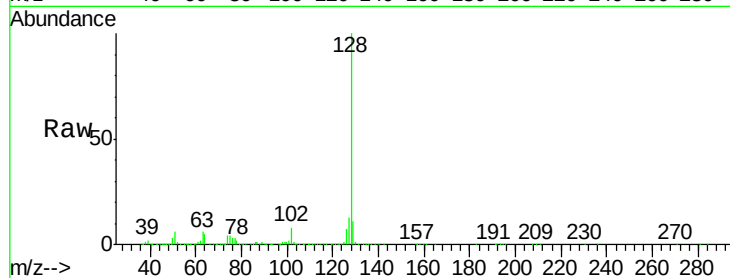
Tot Ion:128 Resp: 501393

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

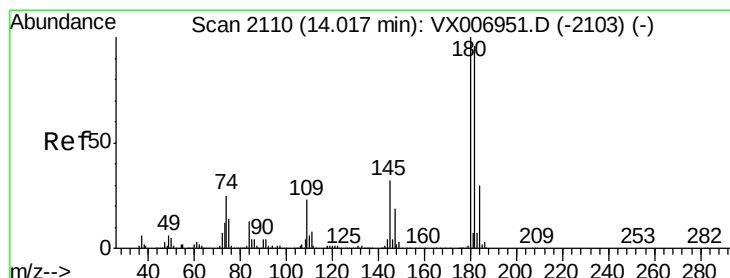
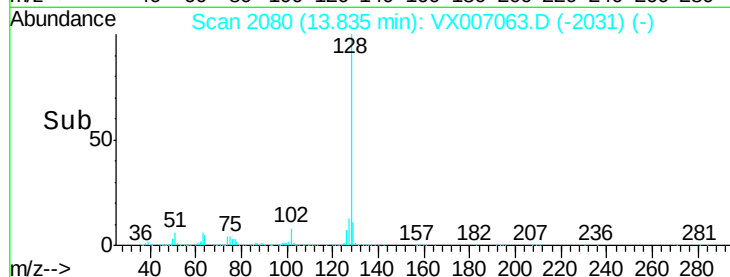
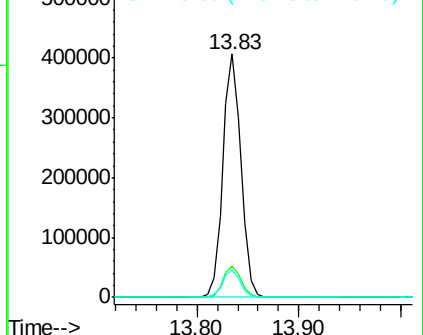
129 11.1 8.6 13.0



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: 19.954 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007063.D

Acq: 15 Jan 2019 17:20

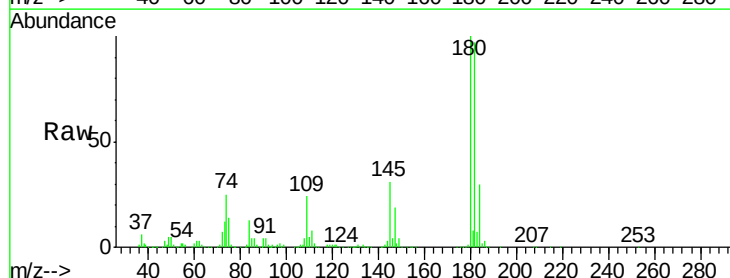
Tgt Ion:180 Resp: 160205

Ion Ratio Lower Upper

180 100

182 96.4 48.5 145.5

145 30.9 16.0 47.9



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

