

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
 Data File : VX007515.D
 Acq On : 13 Feb 2019 12:31
 Operator : JC/SP
 Sample : VX0214WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01

Quant Time: Feb 13 12:50:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	449617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	673798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	610485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	304607	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	239482	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	5.50	113	218900	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	8.71	98	803319	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.13	95	279979	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	97628	17.785	ug/l 98
3) Chloromethane	1.33	50	89318	17.637	ug/l 100
4) Vinyl Chloride	1.41	62	97853	19.696	ug/l 99
5) Bromomethane	1.64	94	87187	17.428	ug/l 96
6) Chloroethane	1.73	64	63888	19.879	ug/l 97
7) Trichlorofluoromethane	1.93	101	149687	19.260	ug/l 99
8) Diethyl Ether	2.19	74	57409	19.625	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85863	18.573	ug/l 99
10) Methyl Iodide	2.51	142	111418	16.383	ug/l 98
11) Tert butyl alcohol	3.07	59	111480	112.876	ug/l 100
12) 1,1-Dichloroethene	2.38	96	78967	18.395	ug/l 98
13) Acrolein	2.30	56	41038	88.610	ug/l 98
14) Allyl chloride	2.73	41	141602	20.244	ug/l 99
15) Acrylonitrile	3.15	53	257018	105.197	ug/l 99
16) Acetone	2.45	43	255399	116.830	ug/l 99
17) Carbon Disulfide	2.57	76	193045	18.588	ug/l 99
18) Methyl Acetate	2.78	43	141191	25.087	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	275441	19.805	ug/l 98
20) Methylene Chloride	2.86	84	91748	20.314	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	84602	18.500	ug/l 98
22) Diisopropyl ether	3.87	45	261333	20.311	ug/l 92
23) Vinyl Acetate	3.82	43	1093147	102.384	ug/l 99
24) 1,1-Dichloroethane	3.70	63	151468	20.499	ug/l 98
25) 2-Butanone	4.70	43	353426	113.603	ug/l 99
26) 2,2-Dichloropropane	4.59	77	113999	20.259	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	97124	19.445	ug/l 99
28) Bromochloromethane	5.02	49	66576	19.593	ug/l 98
29) Tetrahydrofuran	5.15	42	219300	112.080	ug/l 99
30) Chloroform	5.21	83	156367	20.280	ug/l 100
31) Cyclohexane	5.57	56	122505	18.460	ug/l 97
32) 1,1,1-Trichloroethane	5.50	97	131394	20.189	ug/l 100
36) 1,1-Dichloropropene	5.80	75	110542	18.285	ug/l 99
37) Ethyl Acetate	4.85	43	123499	20.208	ug/l 98
38) Carbon Tetrachloride	5.78	117	117192	19.981	ug/l 96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	132044	18.052	ug/l	97
40) Benzene	6.14	78	346564	19.461	ug/l	98
41) Methacrylonitrile	5.06	41	70690	21.582	ug/l	97
42) 1,2-Dichloroethane	6.20	62	120440	19.547	ug/l	98
43) Isopropyl Acetate	6.46	43	194159	20.583	ug/l	100
44) Trichloroethene	7.21	130	101308	18.888	ug/l	97
45) 1,2-Dichloropropane	7.51	63	87568	19.625	ug/l	98
46) Dibromomethane	7.66	93	61803	19.057	ug/l	98
47) Bromodichloromethane	7.90	83	110037	20.021	ug/l	99
48) Methyl methacrylate	7.77	41	98849	20.950	ug/l	99
49) 1,4-Dioxane	7.75	88	47698	448.337	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	662957	106.761	ug/l	100
52) Toluene	8.78	92	220611	19.201	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	113536	19.232	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	130071	20.035	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	94465	19.724	ug/l	99
56) Ethyl methacrylate	9.18	69	133171	20.076	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148242	19.463	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	357001	102.106	ug/l	98
59) 2-Hexanone	9.49	43	512822	106.126	ug/l	100
60) Dibromochloromethane	9.58	129	93506	20.643	ug/l	100
61) 1,2-Dibromoethane	9.67	107	101678	20.047	ug/l	100
64) Tetrachloroethene	9.34	164	96459	16.764	ug/l	97
65) Chlorobenzene	10.14	112	254558	19.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92180	20.638	ug/l	98
67) Ethyl Benzene	10.25	91	405907	18.920	ug/l	97
68) m/p-Xylenes	10.36	106	324411	38.041	ug/l	99
69) o-Xylene	10.69	106	158558	19.322	ug/l	100
70) Styrene	10.71	104	258343	19.412	ug/l	99
71) Bromoform	10.85	173	69112	20.250	ug/l	98
73) Isopropylbenzene	11.02	105	420144	20.297	ug/l	98
74) N-amyl acetate	10.90	43	167649	20.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	141386	22.412	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	155636	26.268	ug/l	81
77) Bromobenzene	11.26	156	115953	19.881	ug/l	99
78) n-propylbenzene	11.36	91	461515	20.332	ug/l	100
79) 2-Chlorotoluene	11.42	91	275973	20.037	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	343263	20.270	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35666	21.261	ug/l	95
82) 4-Chlorotoluene	11.51	91	314058	19.706	ug/l	99
83) tert-Butylbenzene	11.77	119	342092	20.403	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	350481	20.385	ug/l	99
85) sec-Butylbenzene	11.94	105	415165	20.459	ug/l	100
86) p-Isopropyltoluene	12.06	119	365481	19.952	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	203281	19.421	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	202629	19.081	ug/l	99
89) n-Butylbenzene	12.39	91	300684	19.081	ug/l	99
90) Hexachloroethane	12.60	117	58170	21.218	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	204791	19.660	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28001	21.347	ug/l	99

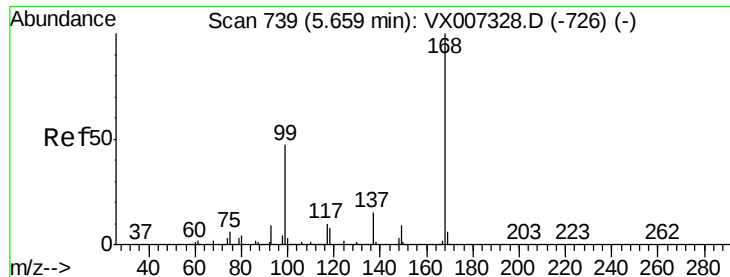
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX021419\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132672	18.886	ug/l	97
94) Hexachlorobutadiene	13.78	225	64838	19.008	ug/l	99
95) Naphthalene	13.83	128	413951	20.151	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132618	18.755	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

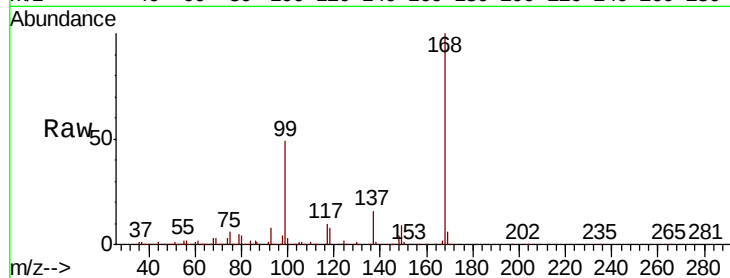
VX0214WBS01

Tgt Ion:168 Resp: 449617

Ion Ratio Lower Upper

168 100

99 48.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

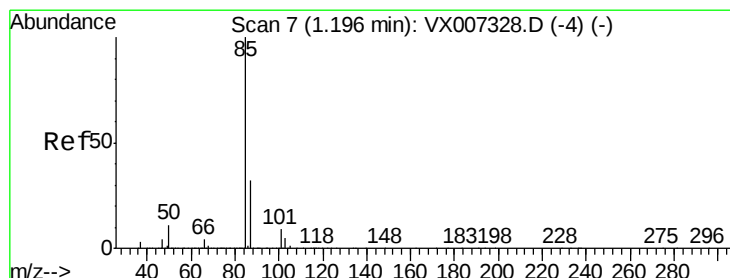
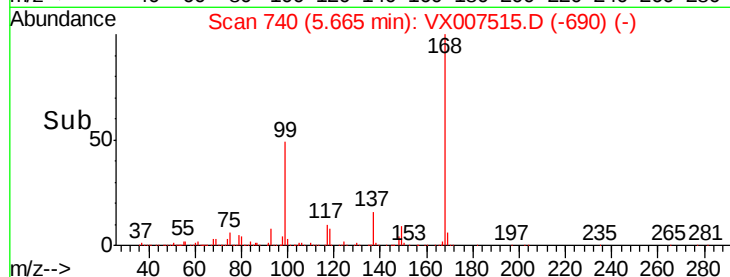
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.785 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007515.D

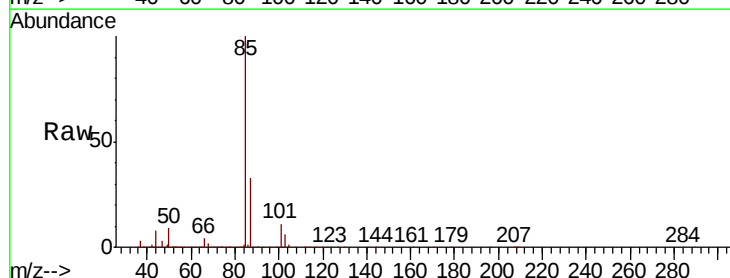
Acq: 13 Feb 2019 12:31

Tgt Ion: 85 Resp: 97628

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

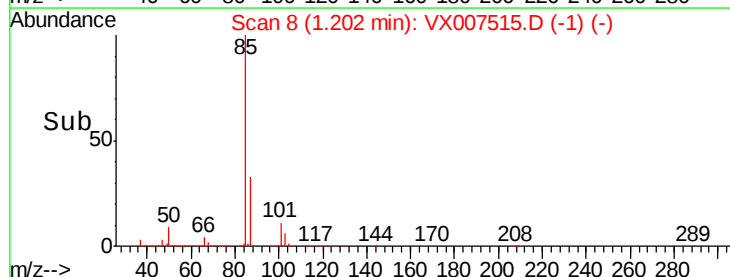
40000

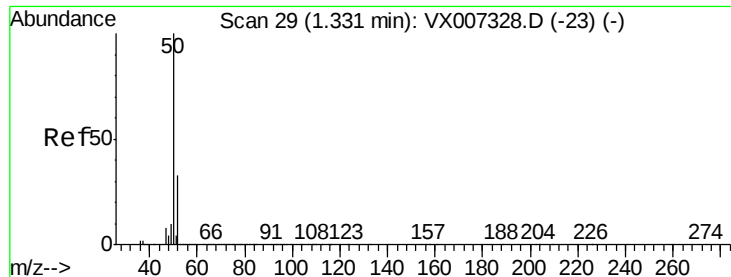
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.637 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

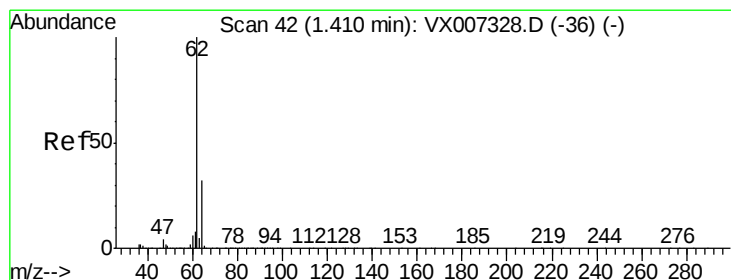
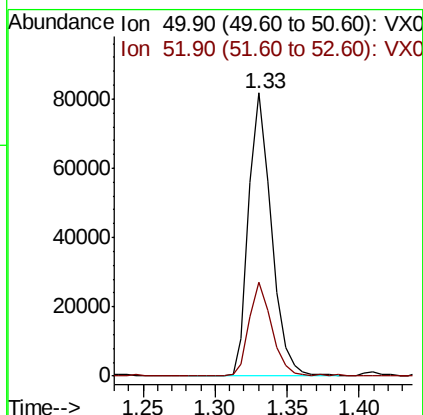
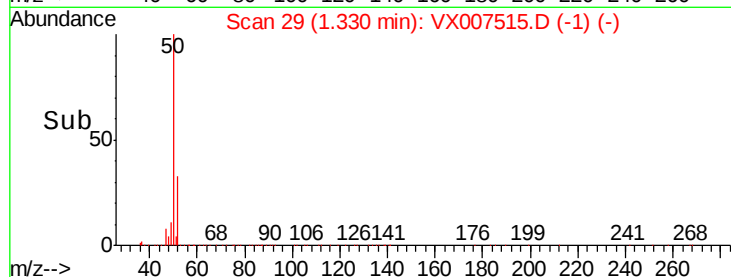
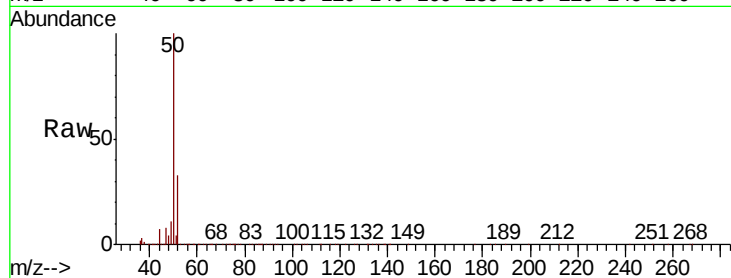
VX0214WBS01

Tgt Ion: 50 Resp: 89318

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 19.696 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007515.D

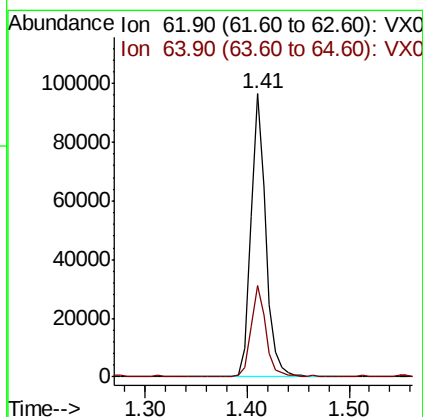
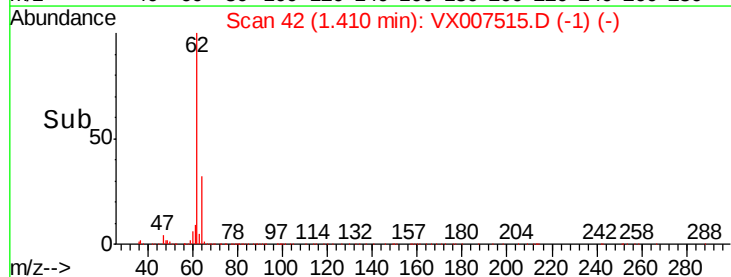
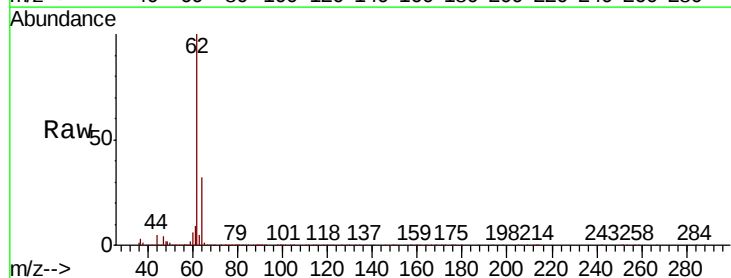
Acq: 13 Feb 2019 12:31

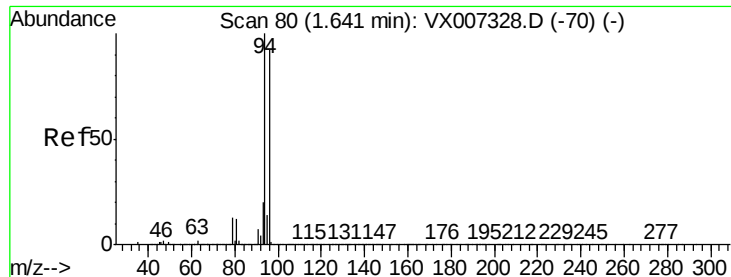
Tgt Ion: 62 Resp: 97853

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 17.428 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

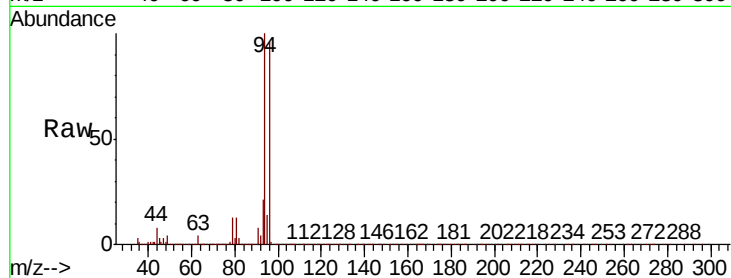
VX0214WBS01

Tgt Ion: 94 Resp: 87187

Ion Ratio Lower Upper

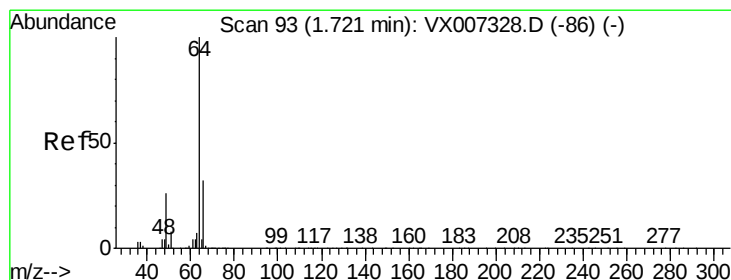
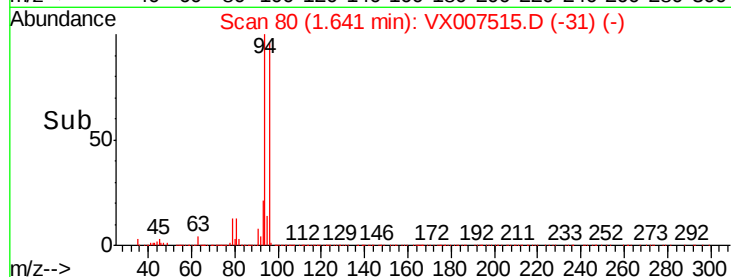
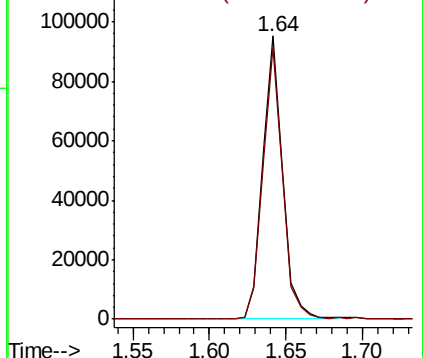
94 100

96 95.9 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.879 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007515.D

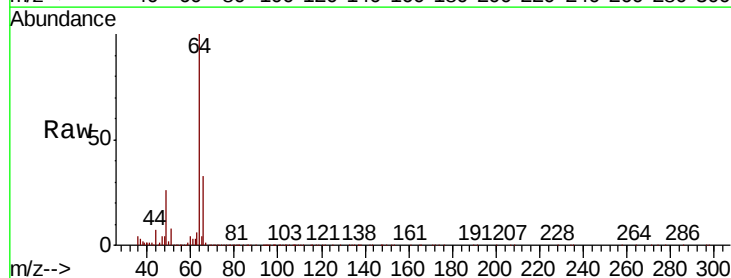
Acq: 13 Feb 2019 12:31

Tgt Ion: 64 Resp: 63888

Ion Ratio Lower Upper

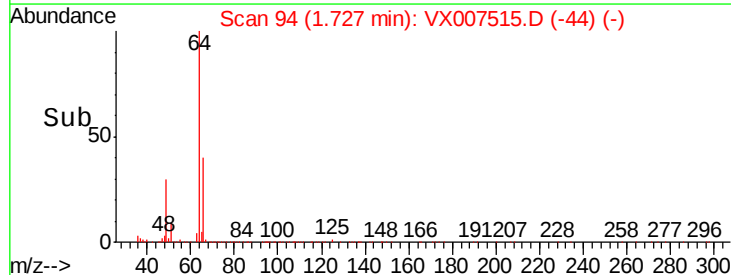
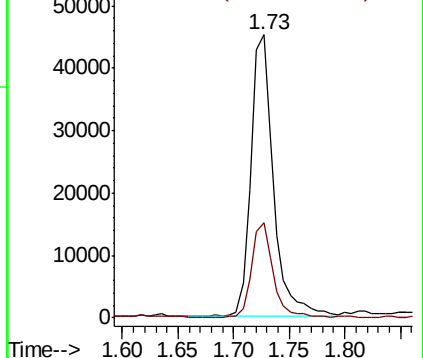
64 100

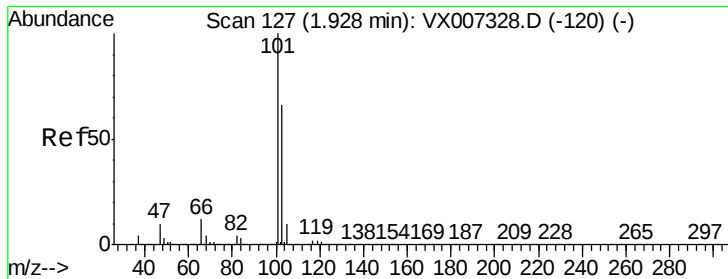
66 33.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



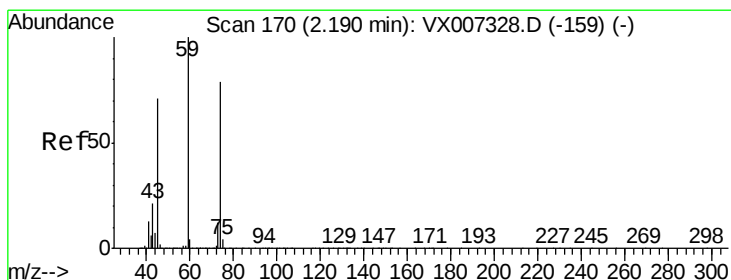
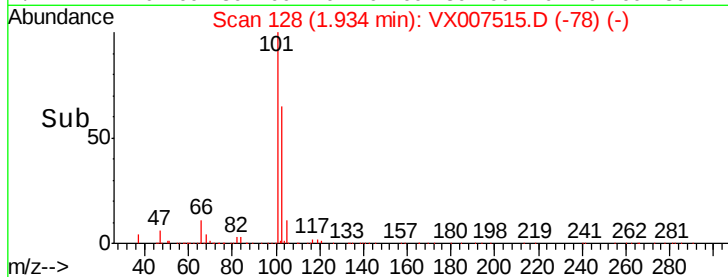
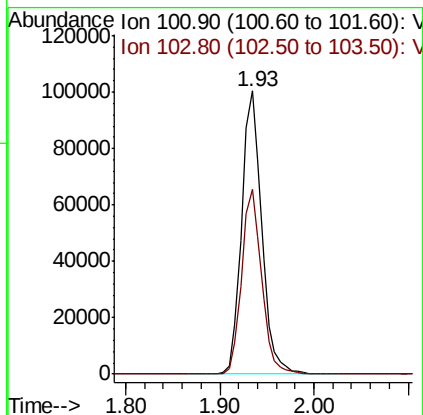
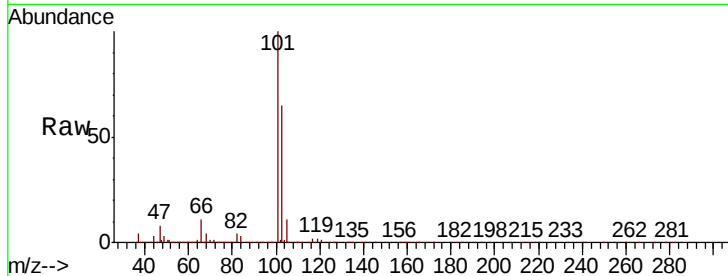


#7

Trichlorofluoromethane
 Concen: 19.260 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

Instrument :
 MSVOA_X
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 VX0214WBS01

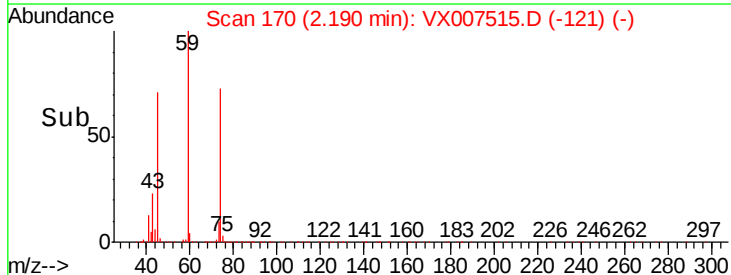
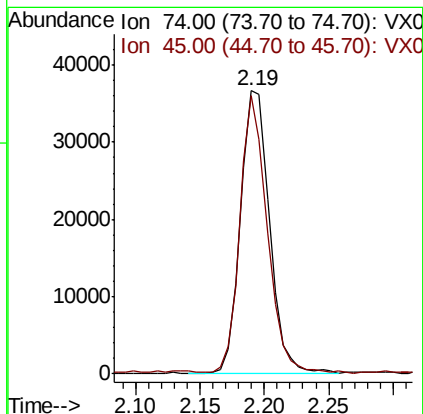
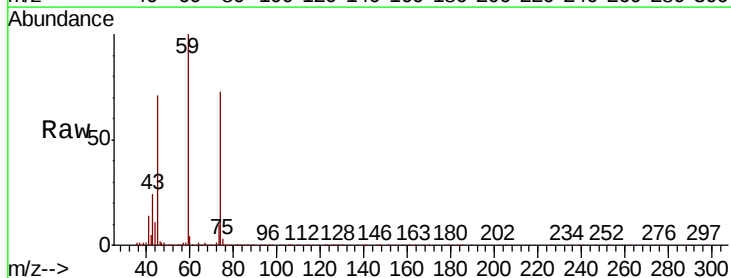
Tgt Ion:101 Resp: 149687
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.6 79.0

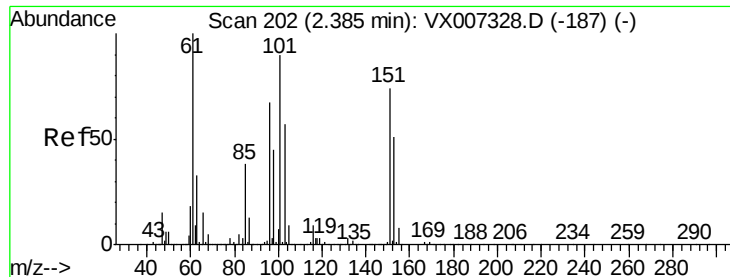


#8

Diethyl Ether
 Concen: 19.625 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

Tgt Ion: 74 Resp: 57409
 Ion Ratio Lower Upper
 74 100
 45 91.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.573 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampled :

VX0214WBS01

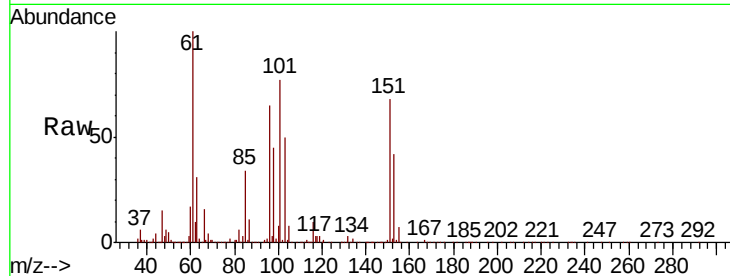
Tgt Ion:101 Resp: 85863

Ion Ratio Lower Upper

101 100

85 43.9 34.1 51.1

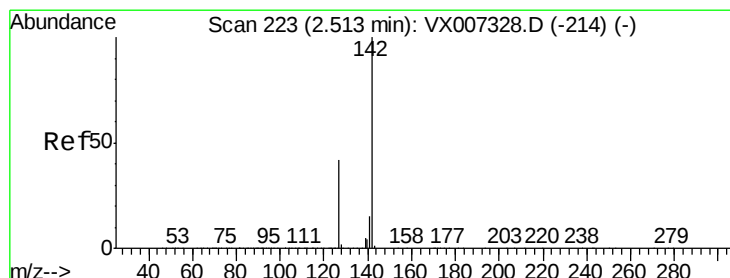
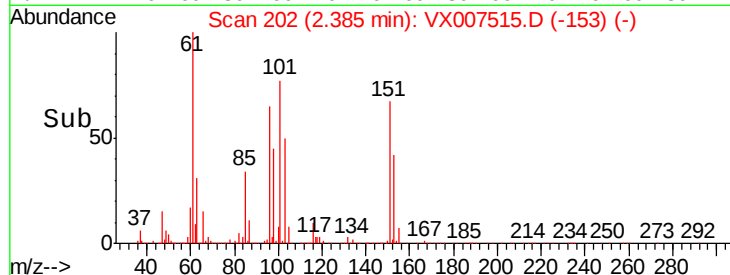
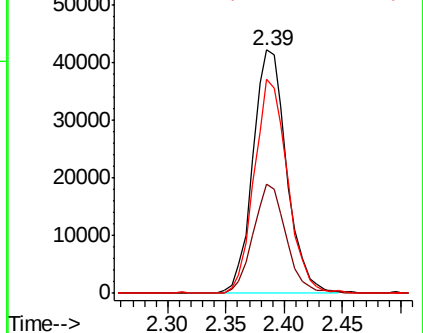
151 86.4 69.9 104.9



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: 16.383 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

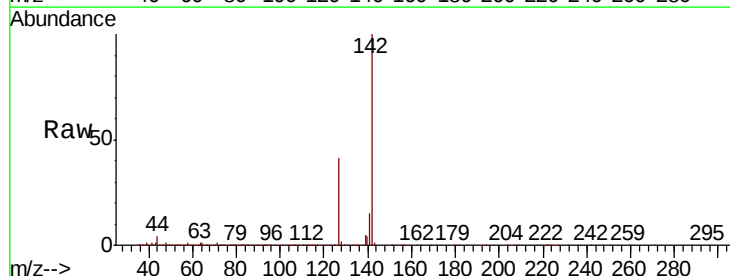
Tgt Ion:142 Resp: 111418

Ion Ratio Lower Upper

142 100

127 43.4 33.7 50.5

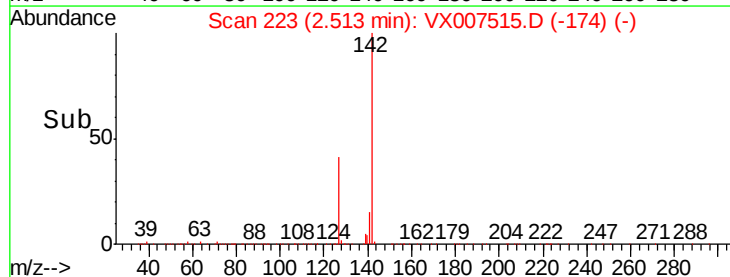
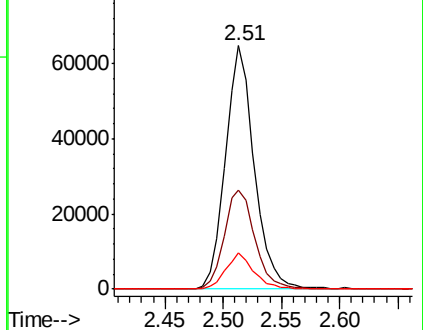
141 14.7 11.3 16.9

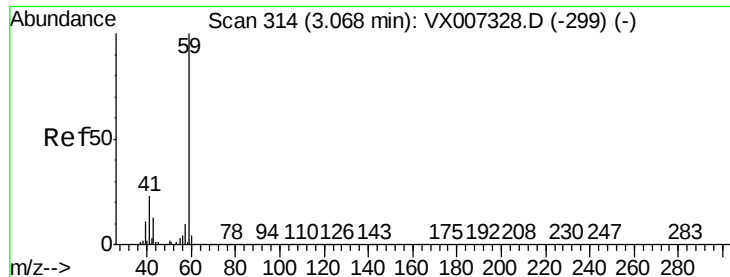


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



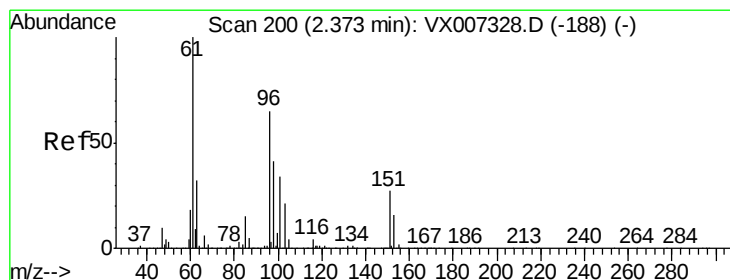
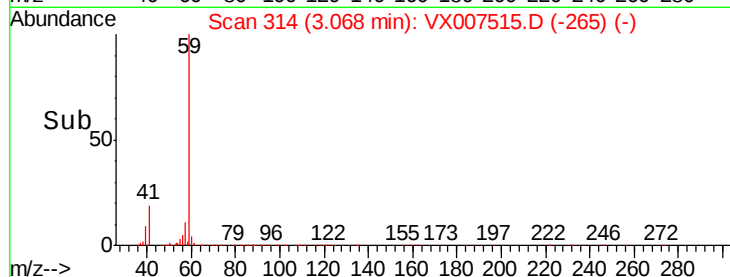
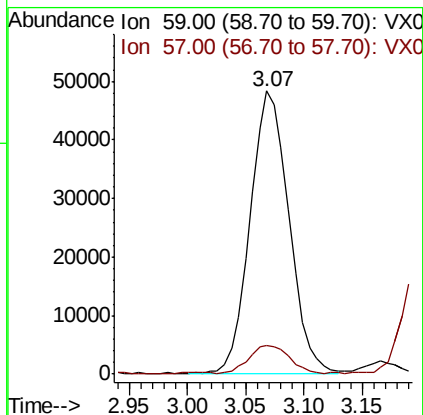
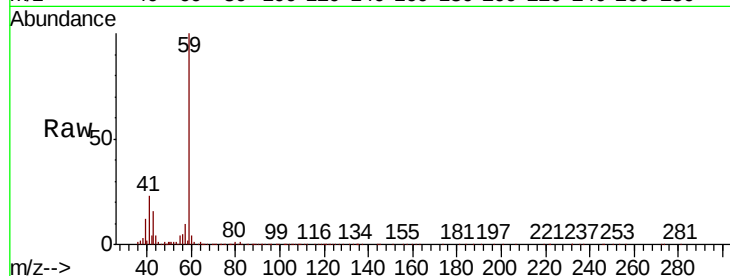


#11

Tert butyl alcohol
Concen: 112.876 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Instrument :
MSVOA_X
ClientSampled :
VX0214WBS01

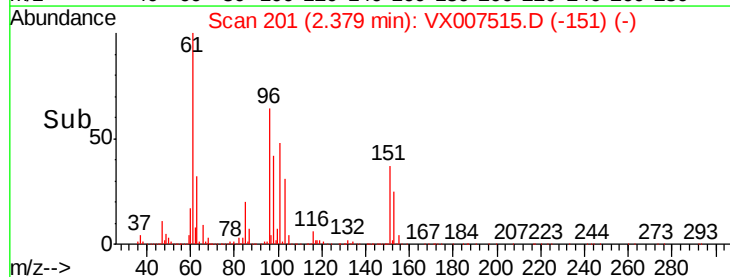
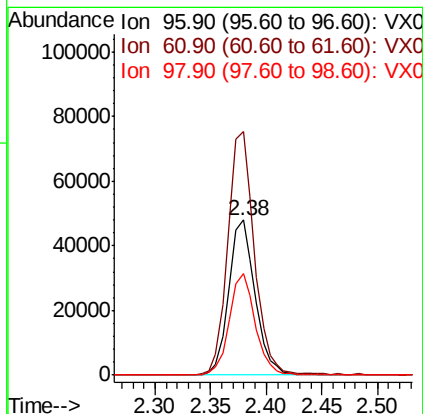
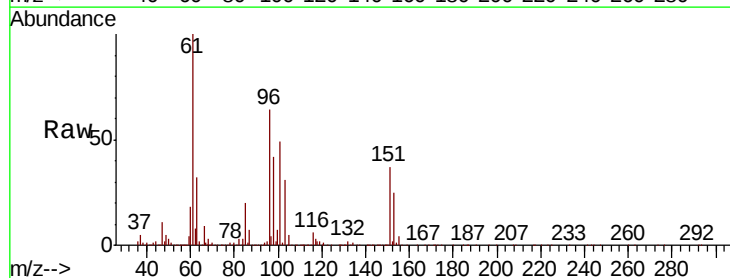
Tgt Ion: 59 Resp: 111480
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1

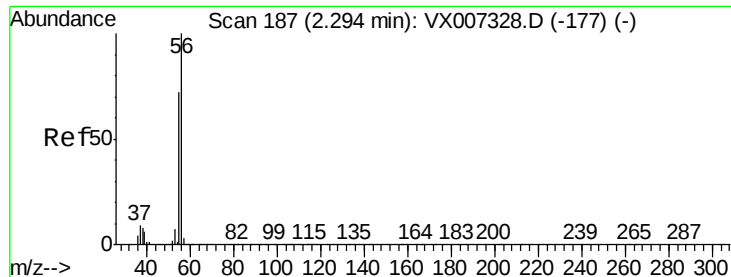


#12

1,1-Dichloroethene
Concen: 18.395 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion: 96 Resp: 78967
Ion Ratio Lower Upper
96 100
61 156.7 123.0 184.4
98 65.7 50.9 76.3





#13

Acrolein

Concen: 88.610 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

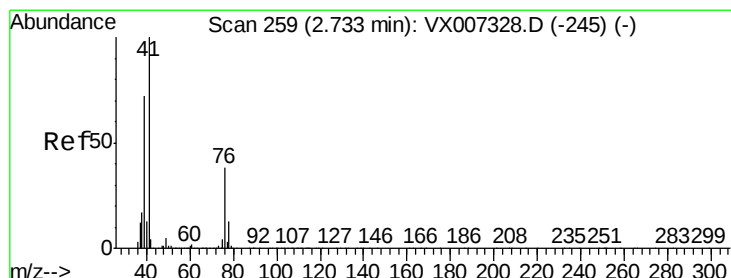
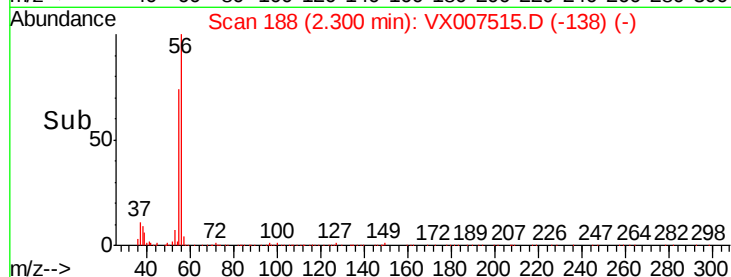
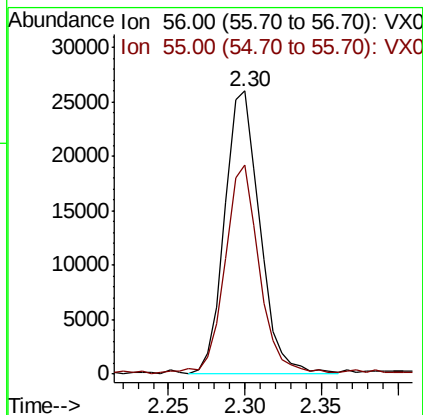
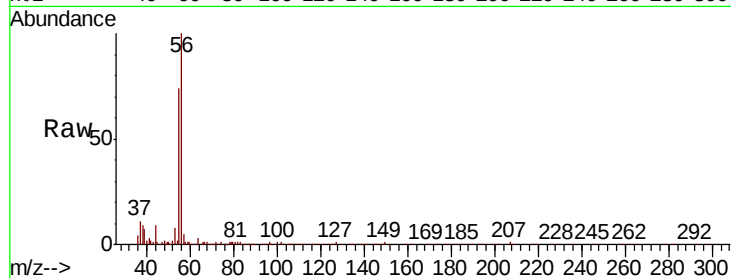
VX0214WBS01

Tgt Ion: 56 Resp: 41038

Ion Ratio Lower Upper

56 100

55 72.4 56.9 85.3



#14

Allyl chloride

Concen: 20.244 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

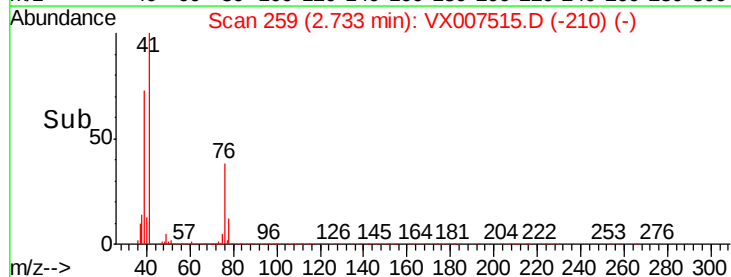
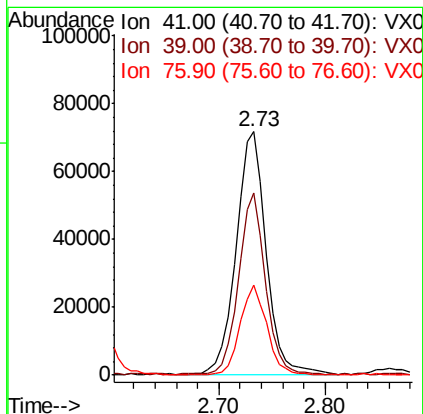
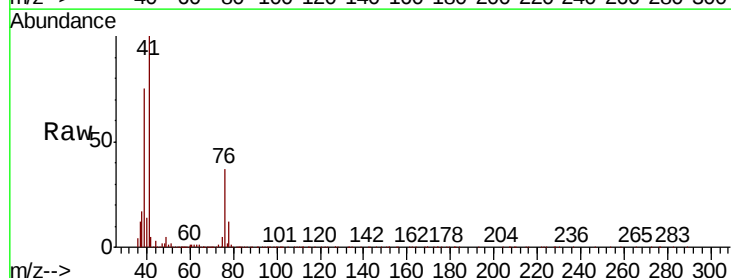
Tgt Ion: 41 Resp: 141602

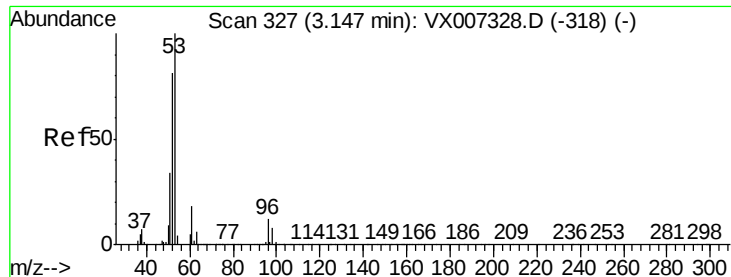
Ion Ratio Lower Upper

41 100

39 68.0 54.1 81.1

76 32.8 27.8 41.8





#15

Acrylonitrile

Concen: 105.197 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

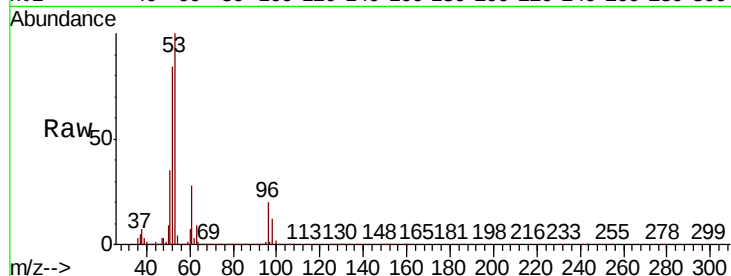
Tgt Ion: 53 Resp: 257018

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

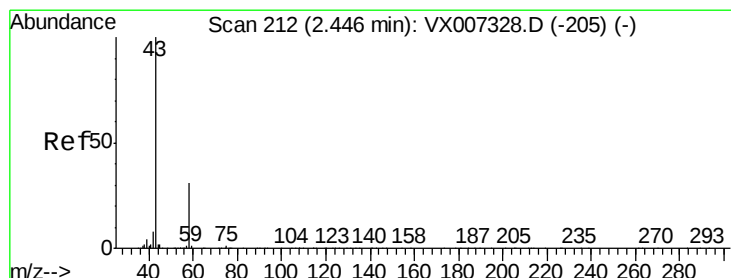
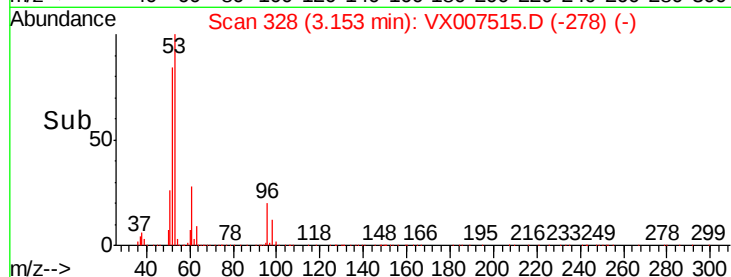
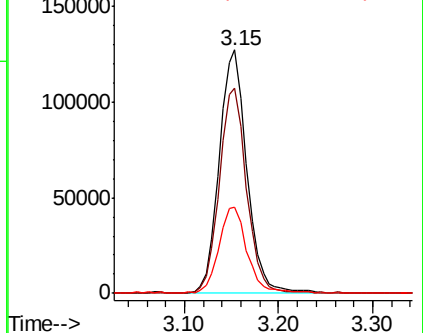
51 36.1 28.4 42.6



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: 116.830 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007515.D

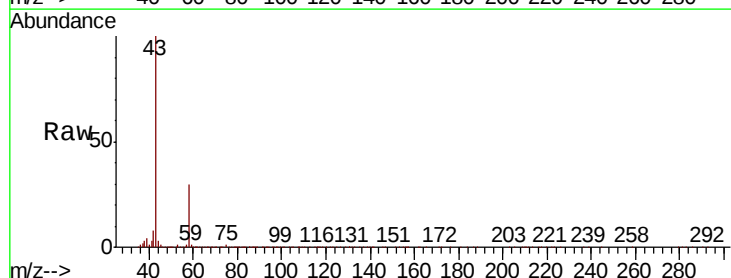
Acq: 13 Feb 2019 12:31

Tgt Ion: 43 Resp: 255399

Ion Ratio Lower Upper

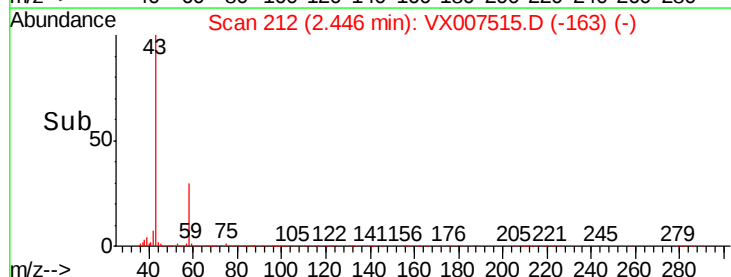
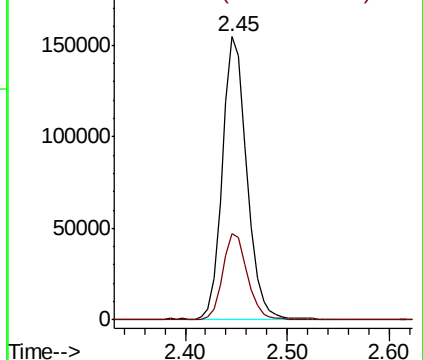
43 100

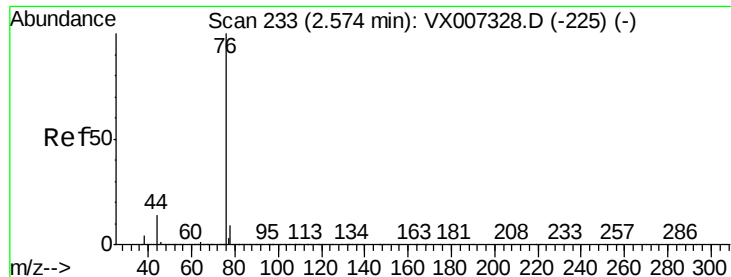
58 30.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.588 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampled :

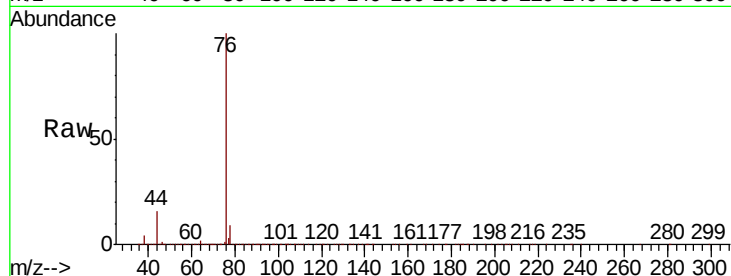
VX0214WBS01

Tgt Ion: 76 Resp: 193045

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

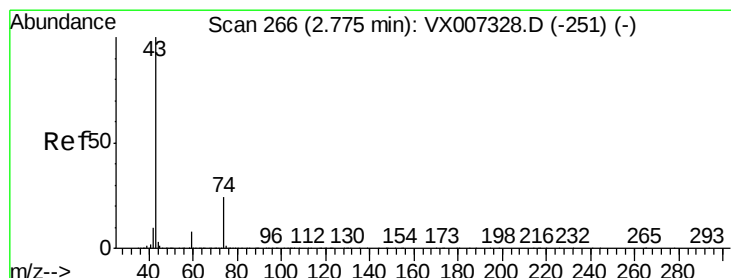
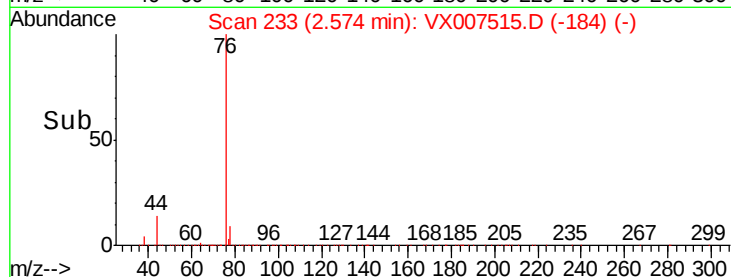
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 25.087 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007515.D

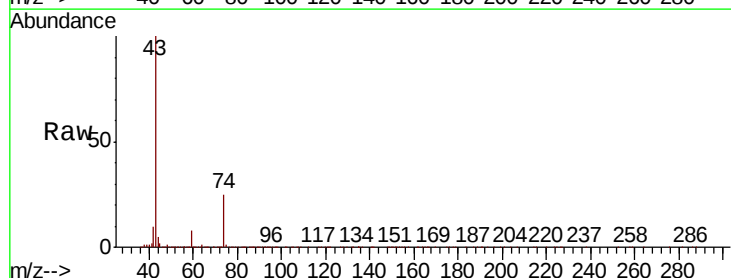
Acq: 13 Feb 2019 12:31

Tgt Ion: 43 Resp: 141191

Ion Ratio Lower Upper

43 100

74 24.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

60000

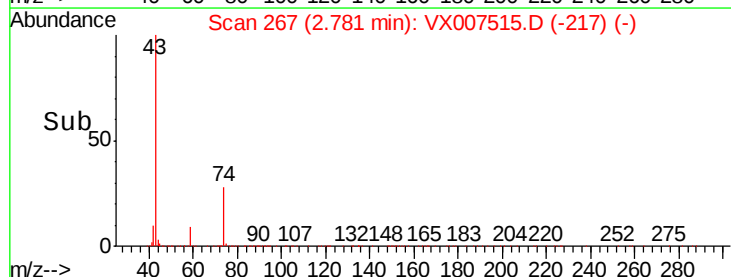
40000

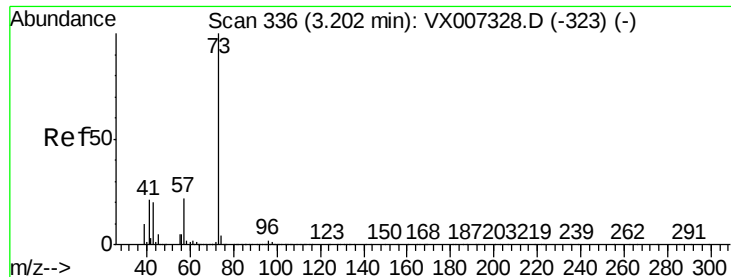
20000

0

Time-->

2.70 2.75 2.80 2.85





#19

Methyl tert-butyl Ether

Concen: 19.805 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

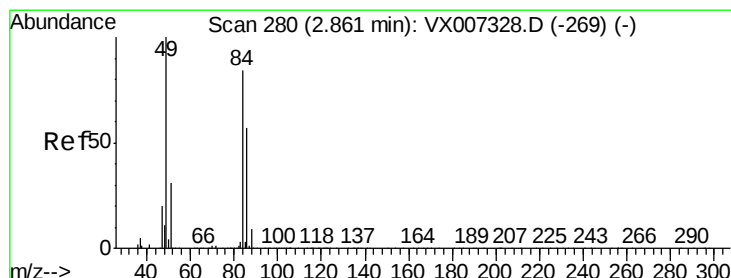
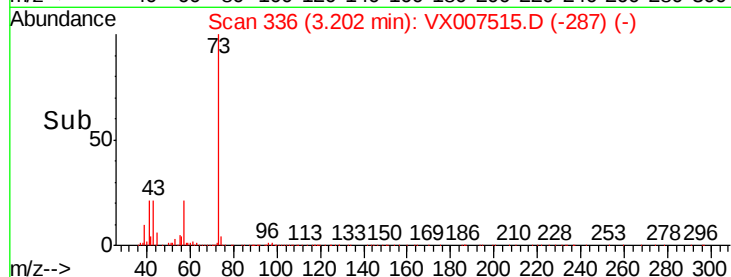
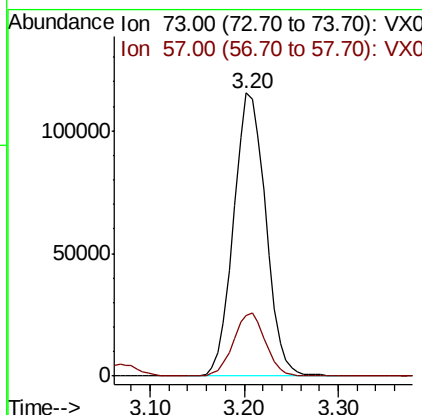
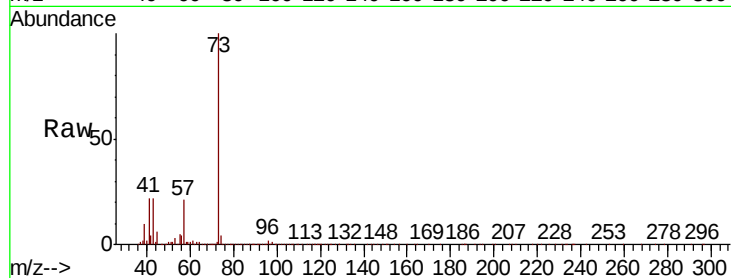
VX0214WBS01

Tgt Ion: 73 Resp: 275441

Ion Ratio Lower Upper

73 100

57 21.2 17.8 26.8



#20

Methylene Chloride

Concen: 20.314 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Tgt Ion: 84 Resp: 91748

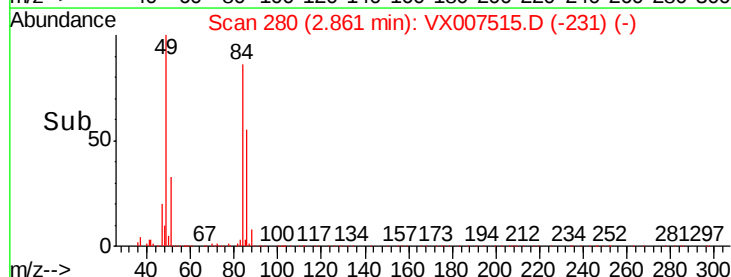
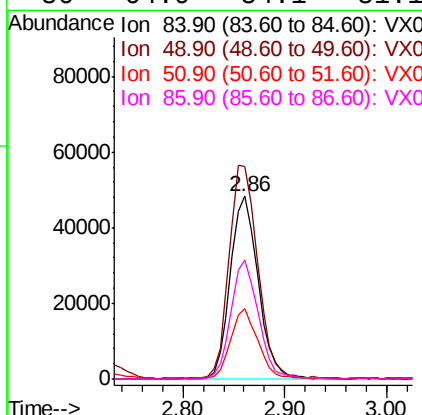
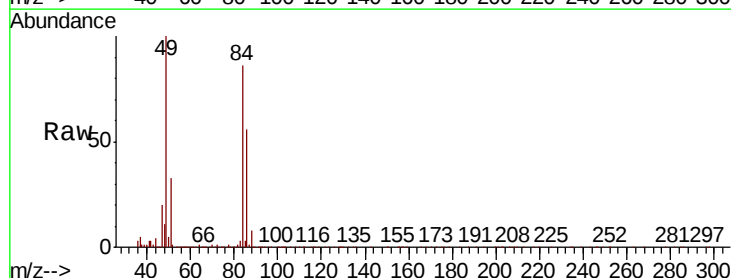
Ion Ratio Lower Upper

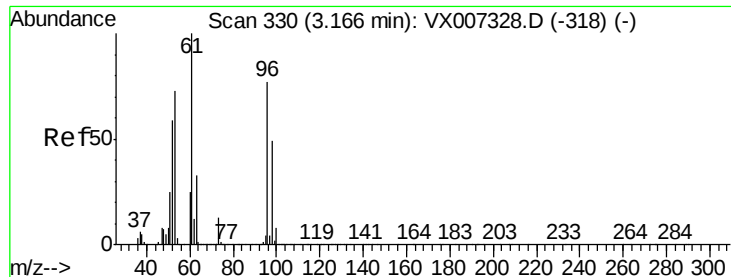
84 100

49 116.3 94.8 142.2

51 38.8 29.8 44.8

86 64.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.500 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

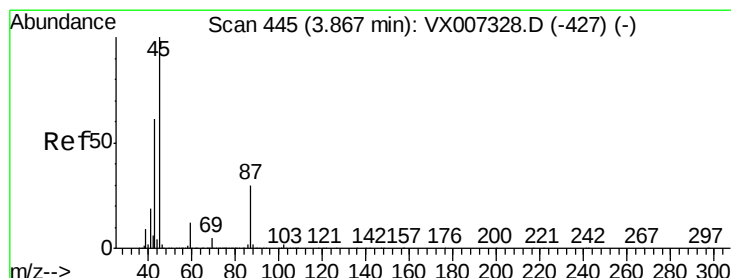
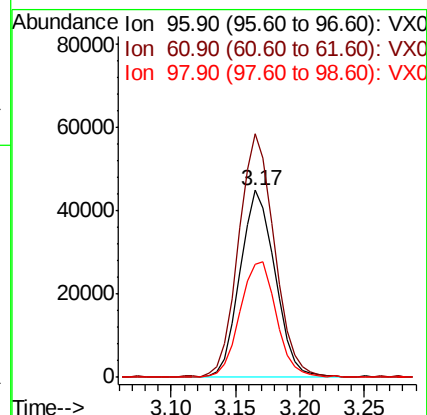
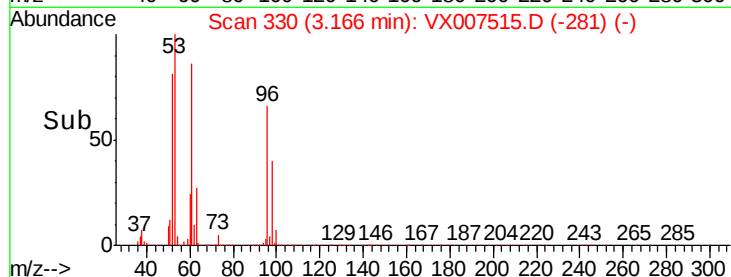
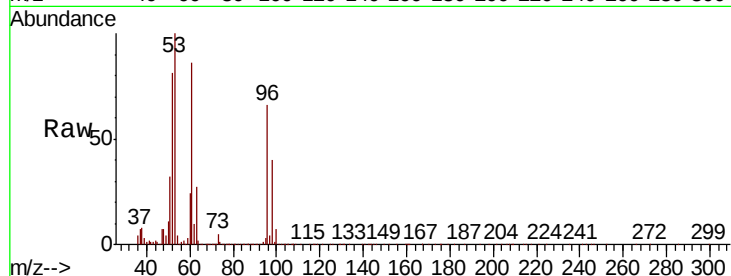
Tgt Ion: 96 Resp: 84602

Ion Ratio Lower Upper

96 100

61 130.1 104.6 156.8

98 60.5 51.0 76.4



#22

Diisopropyl ether

Concen: 20.311 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Tgt Ion: 45 Resp: 261333

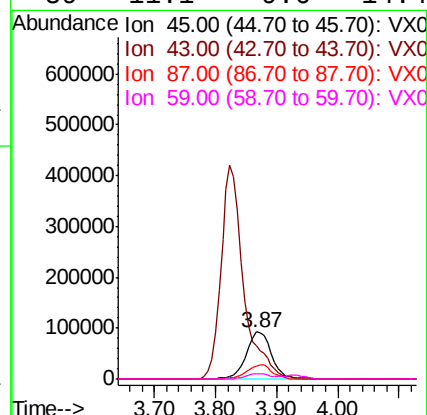
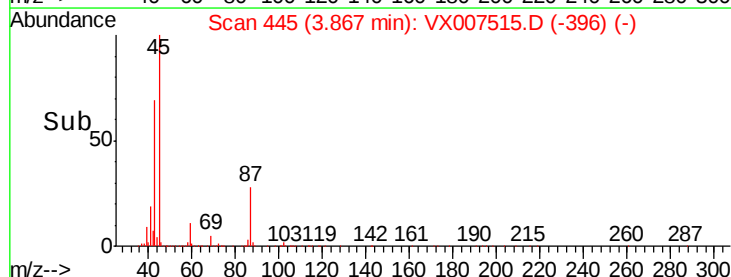
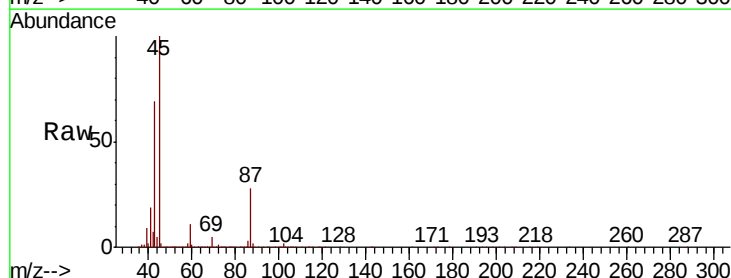
Ion Ratio Lower Upper

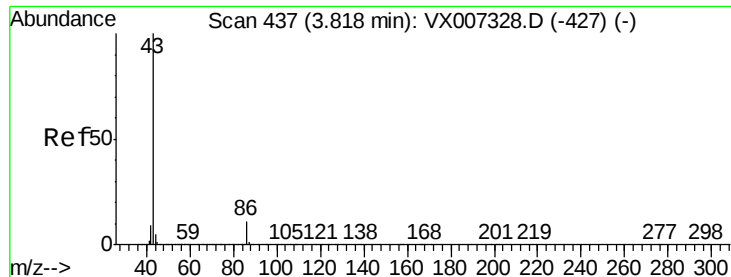
45 100

43 69.4 48.9 73.3

87 28.4 23.9 35.9

59 11.1 9.6 14.4





#23

Vinyl Acetate

Concen: 102.384 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

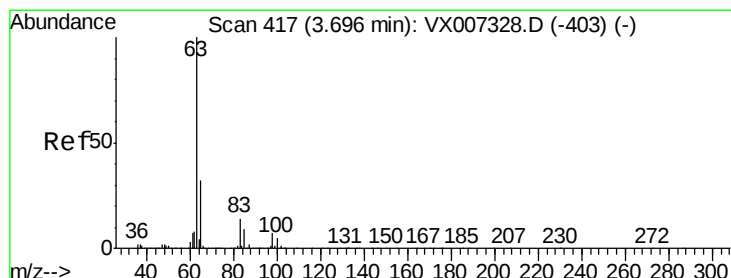
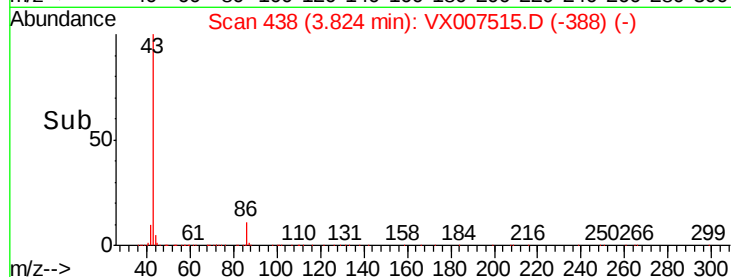
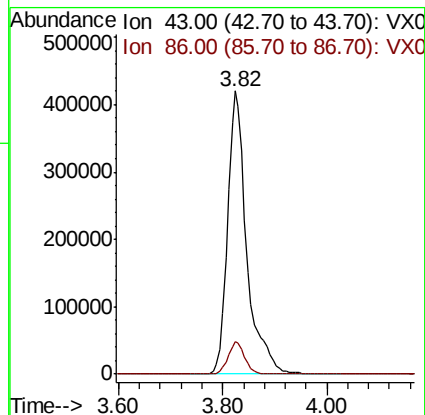
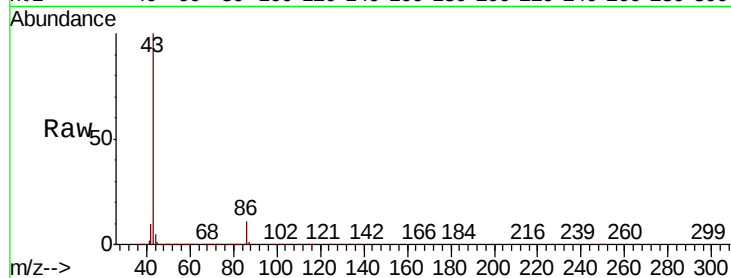
VX0214WBS01

Tgt Ion: 43 Resp: 1093147

Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1



#24

1,1-Dichloroethane

Concen: 20.499 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

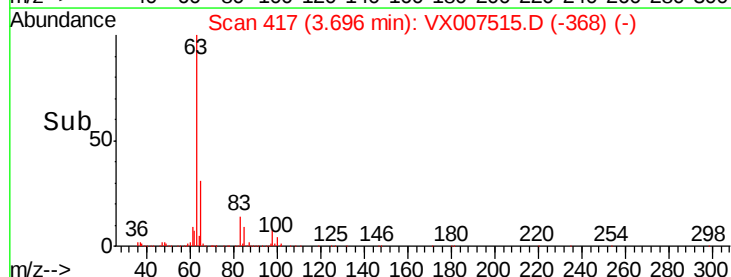
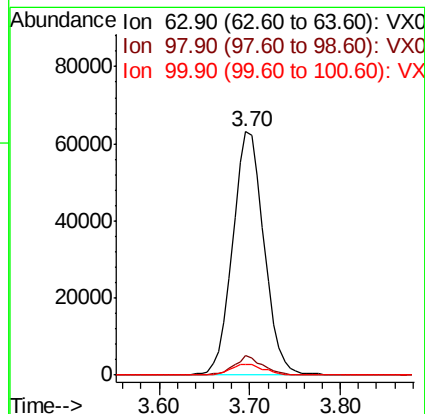
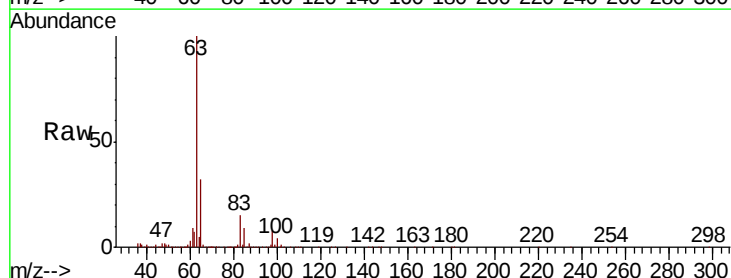
Tgt Ion: 63 Resp: 151468

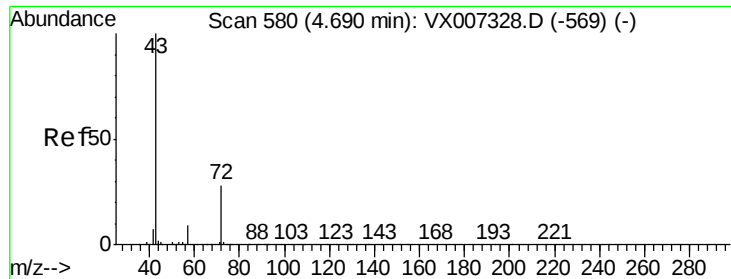
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.8

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 113.603 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

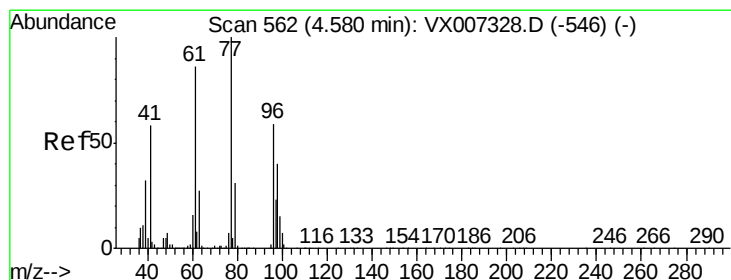
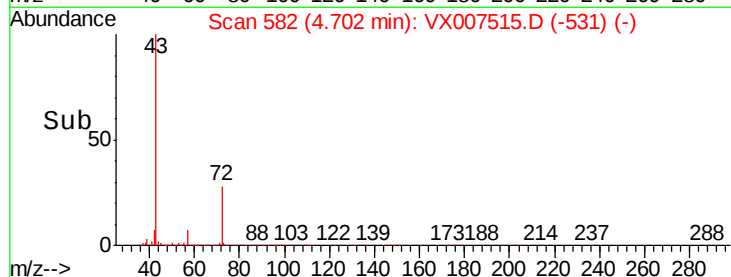
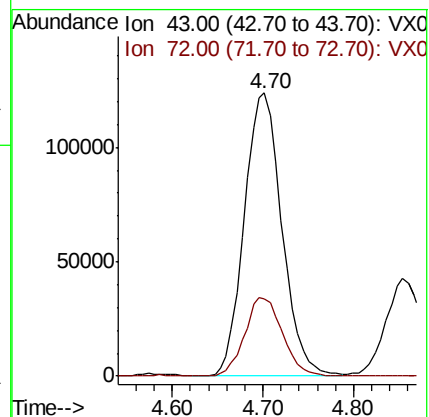
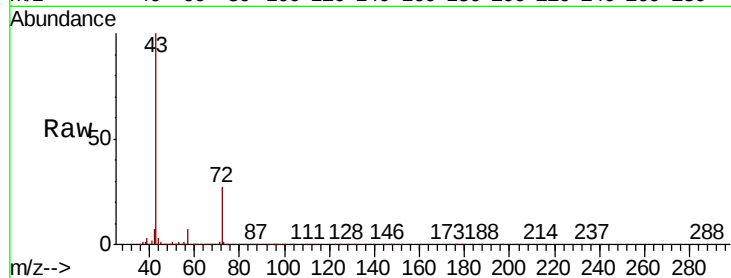
VX0214WBS01

Tgt Ion: 43 Resp: 353426

Ion Ratio Lower Upper

43 100

72 27.3 22.2 33.2



#26

2,2-Dichloropropane

Concen: 20.259 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX007515.D

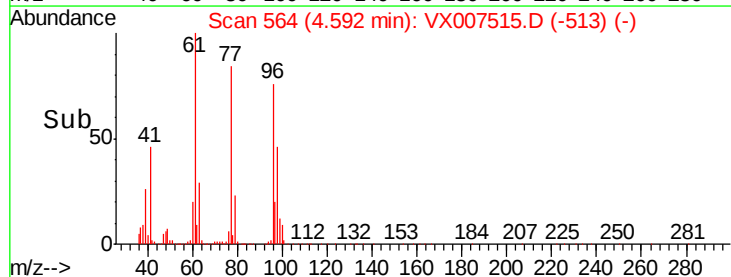
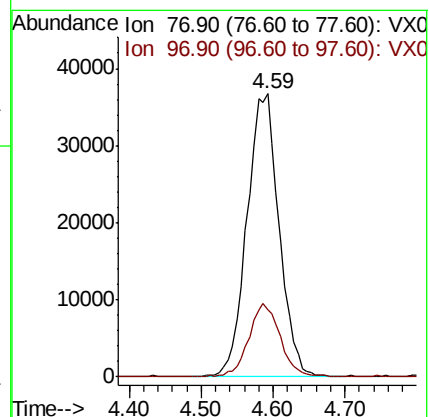
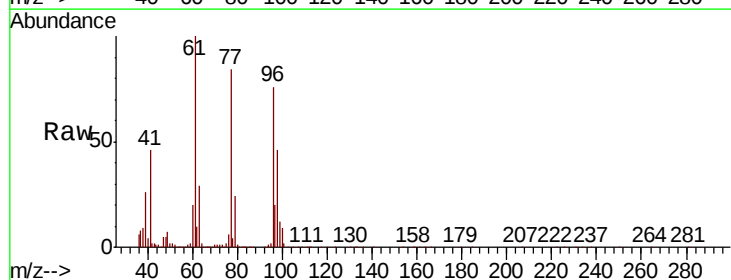
Acq: 13 Feb 2019 12:31

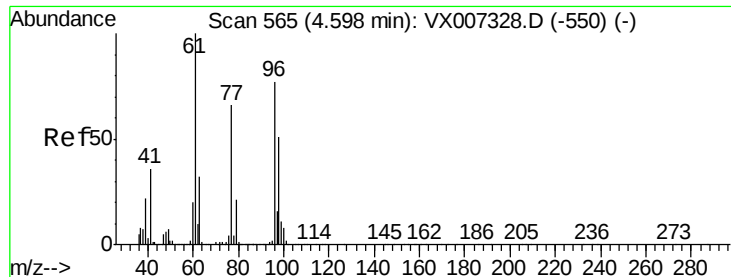
Tgt Ion: 77 Resp: 113999

Ion Ratio Lower Upper

77 100

97 25.3 12.1 36.3



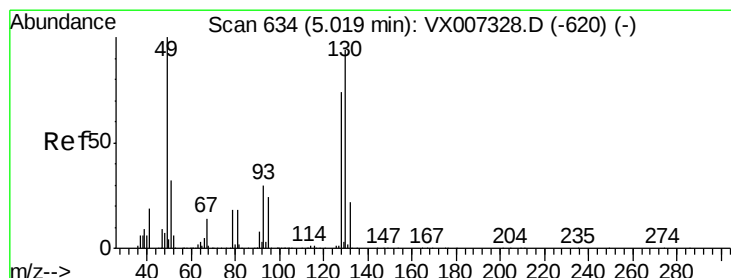
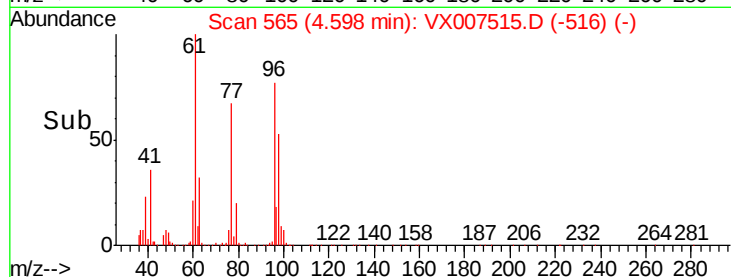
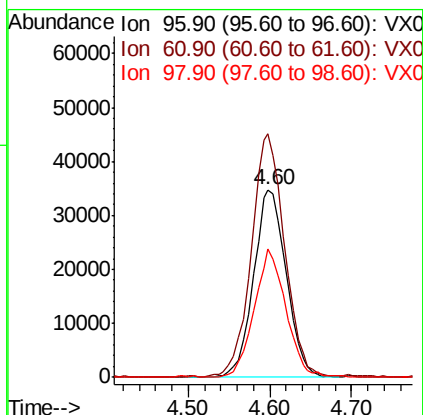
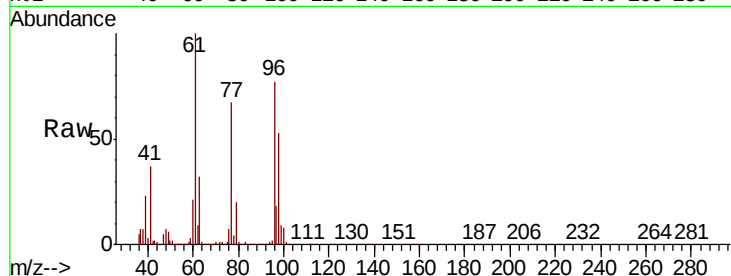


#27

cis-1,2-Dichloroethene
Concen: 19.445 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

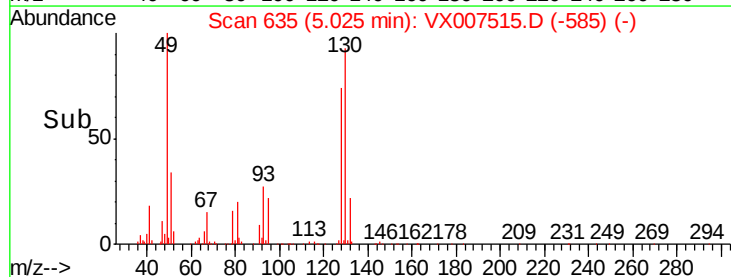
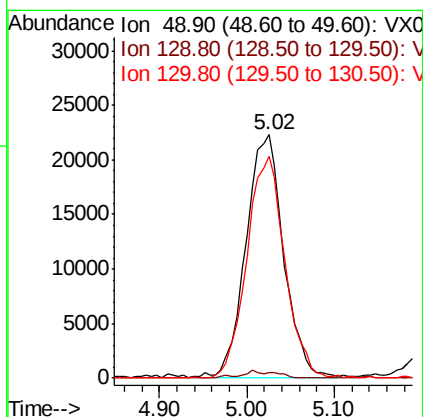
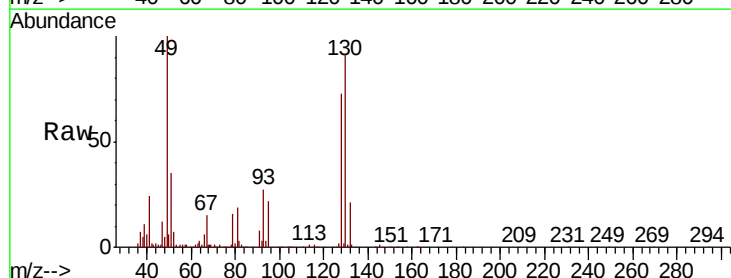
Tgt Ion: 96 Resp: 97124
Ion Ratio Lower Upper
96 100
61 131.5 0.0 265.6
98 66.7 0.0 131.6

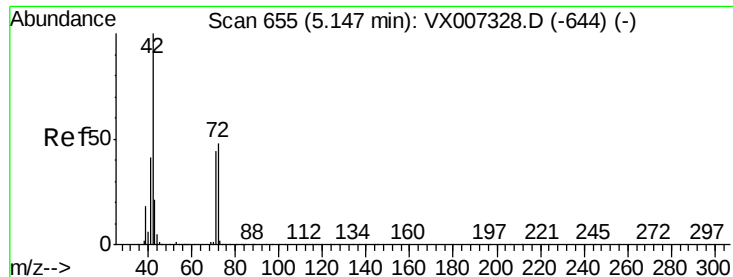


#28

Bromochloromethane
Concen: 19.593 ug/l
RT: 5.02 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion: 49 Resp: 66576
Ion Ratio Lower Upper
49 100
129 1.0 0.0 5.6
130 92.7 75.6 113.4

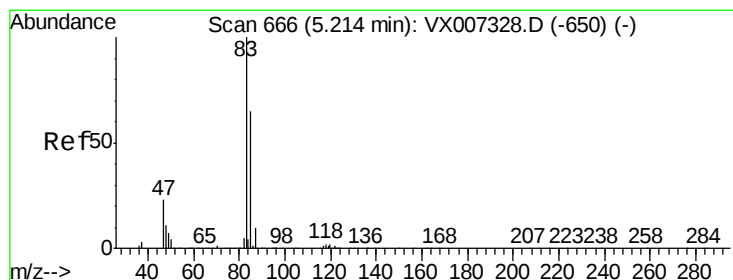
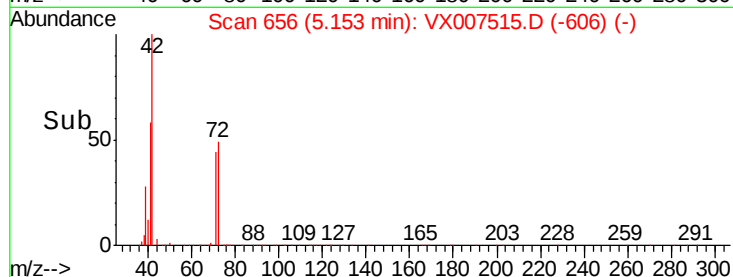
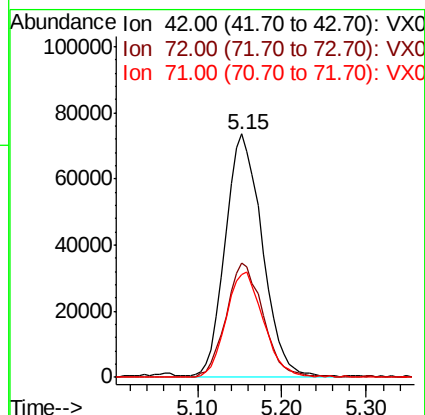
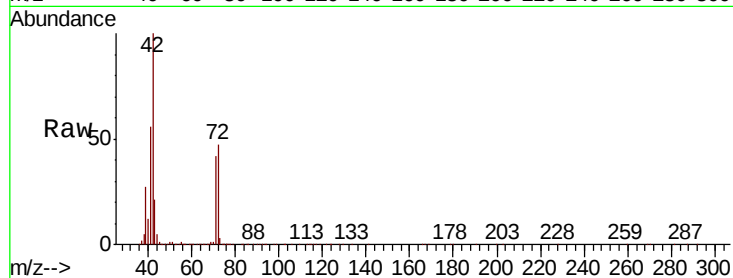




#29
Tetrahydrofuran
Concen: 112.080 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

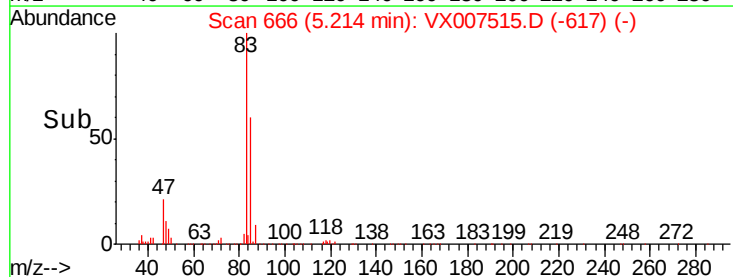
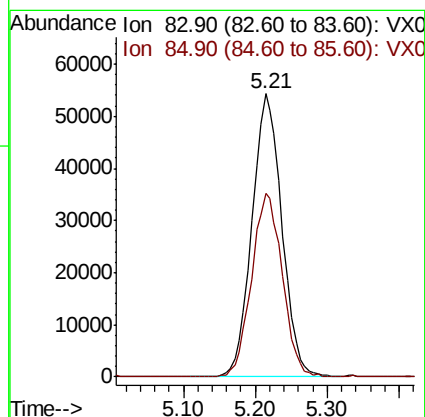
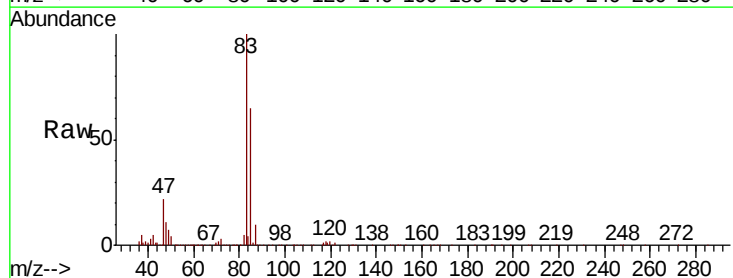
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

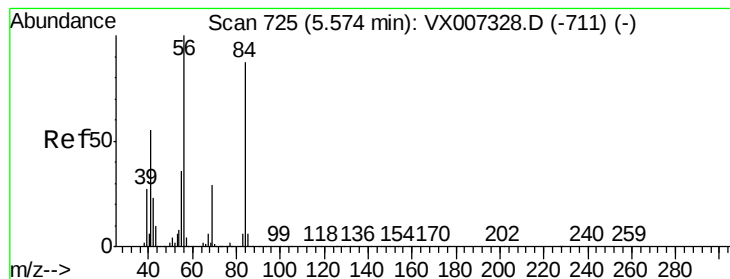
Tgt Ion: 42 Resp: 219300
Ion Ratio Lower Upper
42 100
72 47.5 37.6 56.4
71 43.6 34.6 51.8



#30
Chloroform
Concen: 20.280 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion: 83 Resp: 156367
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4





#31

Cyclohexane

Concen: 18.460 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

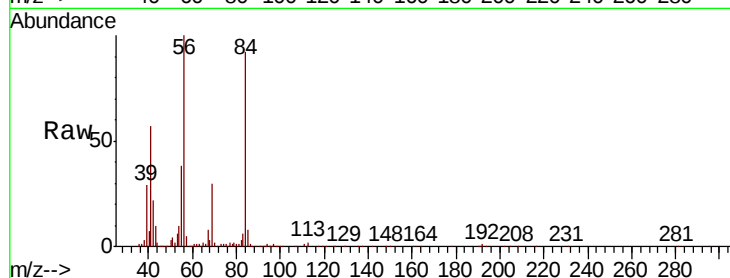
Tgt Ion: 56 Resp: 122505

Ion Ratio Lower Upper

56 100

69 29.6 23.0 34.6

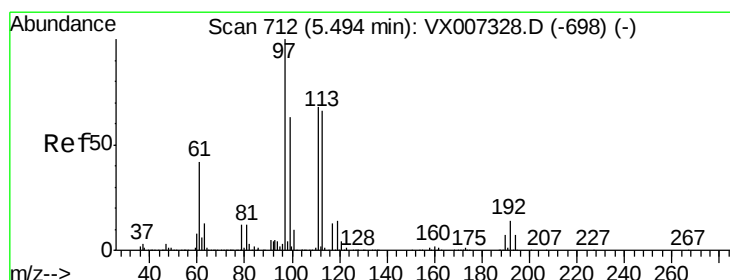
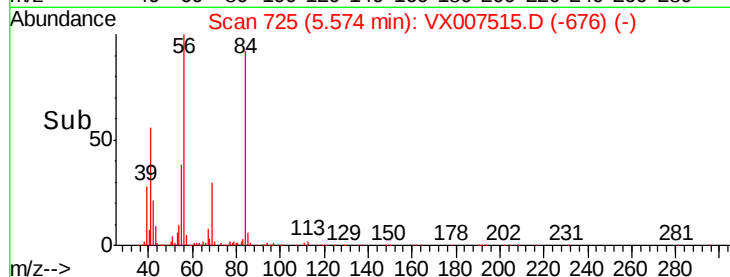
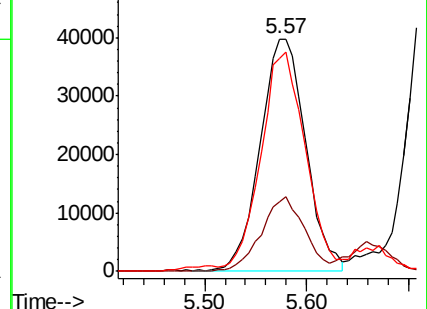
84 90.1 69.8 104.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.189 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

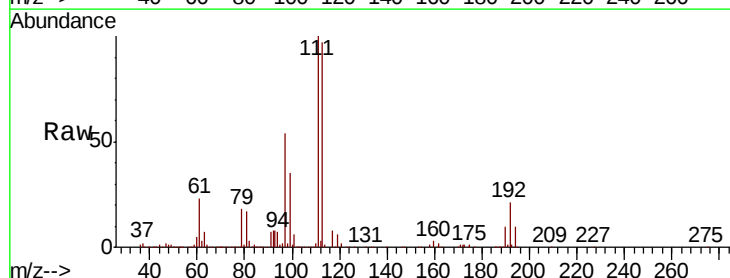
Tgt Ion: 97 Resp: 131394

Ion Ratio Lower Upper

97 100

99 65.6 52.2 78.2

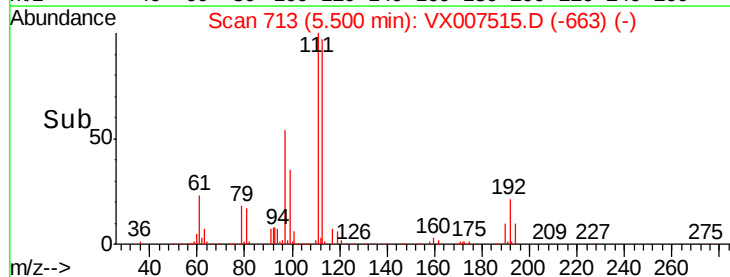
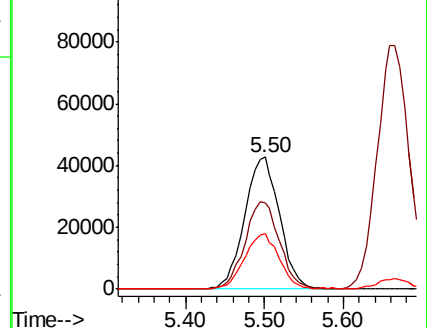
61 41.2 32.7 49.1

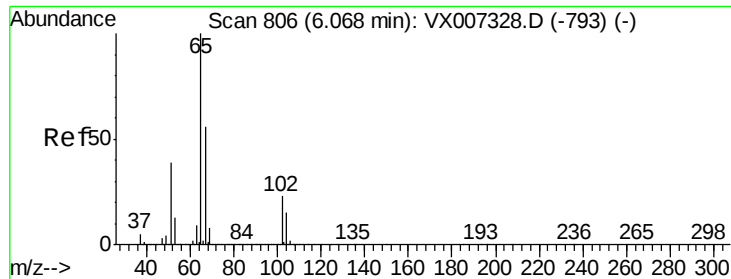


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

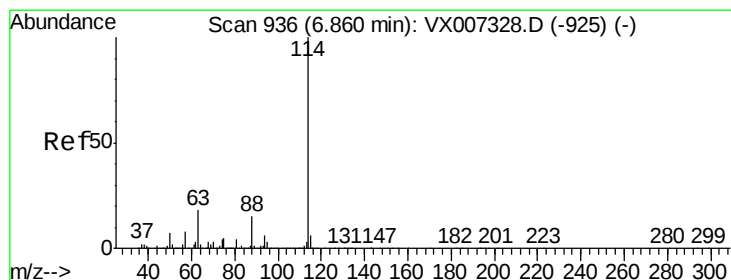
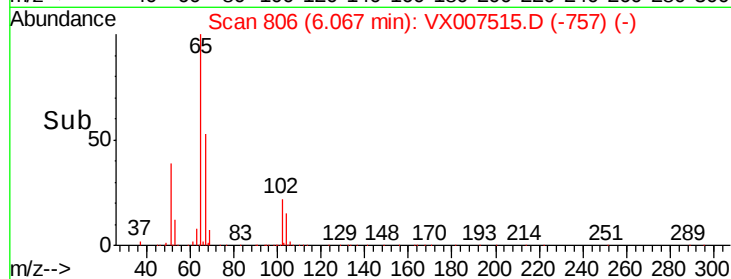
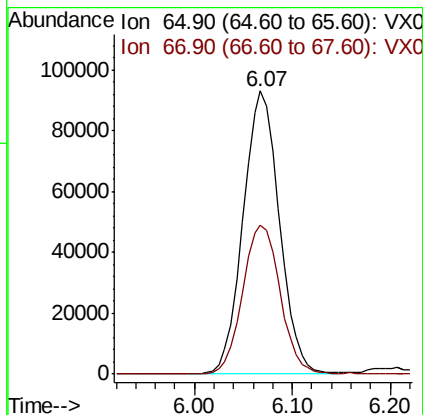
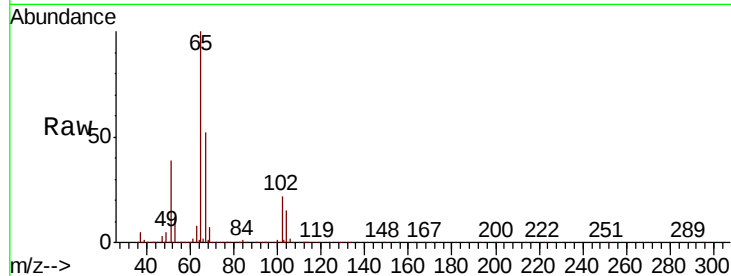




#33
 1,2-Dichloroethane-d4
 Concen: 50.181 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

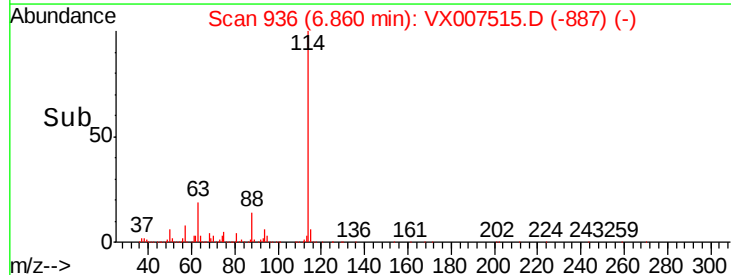
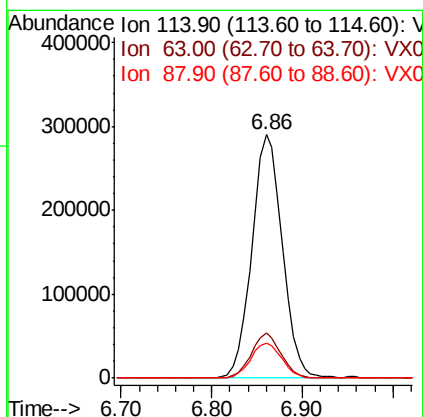
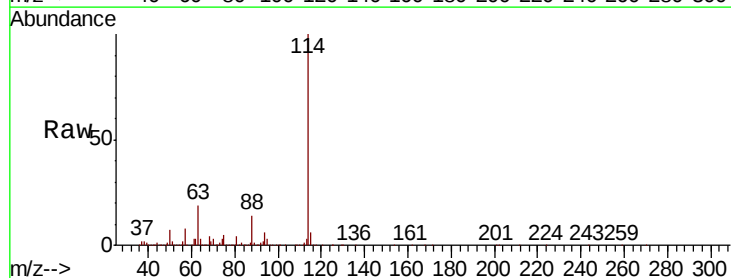
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01

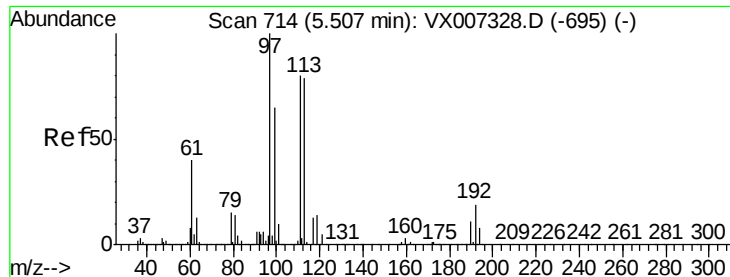
Tgt Ion: 65 Resp: 239482
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

Tgt Ion: 114 Resp: 673798
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.6
 88 14.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.930 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

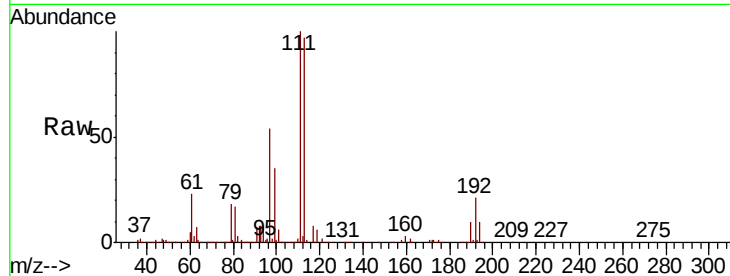
Tgt Ion:113 Resp: 218900

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

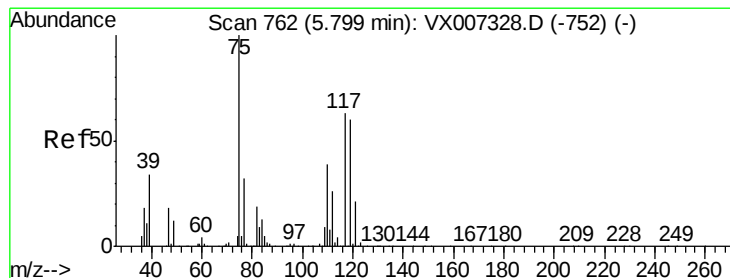
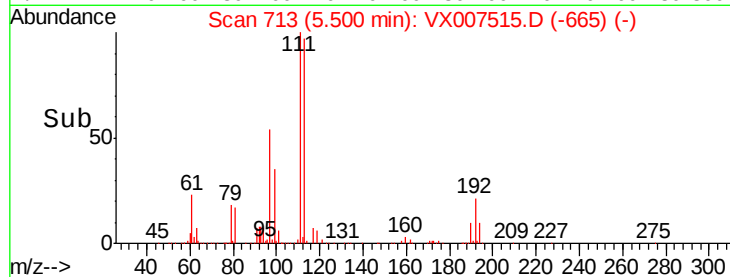
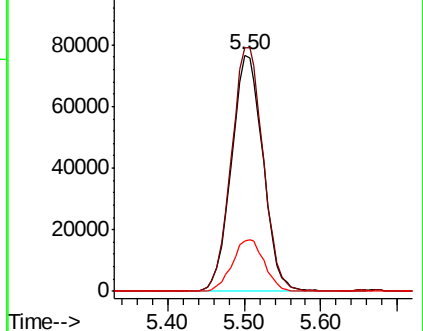
192 22.3 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.285 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

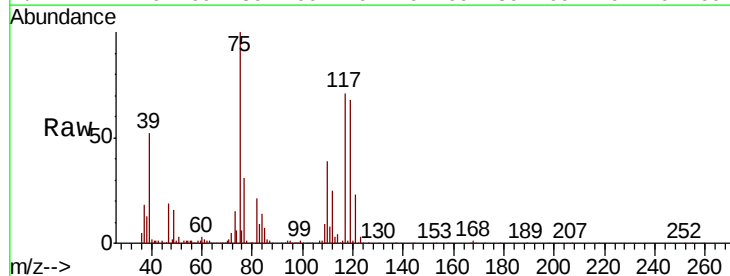
Tgt Ion: 75 Resp: 110542

Ion Ratio Lower Upper

75 100

110 40.3 20.0 59.9

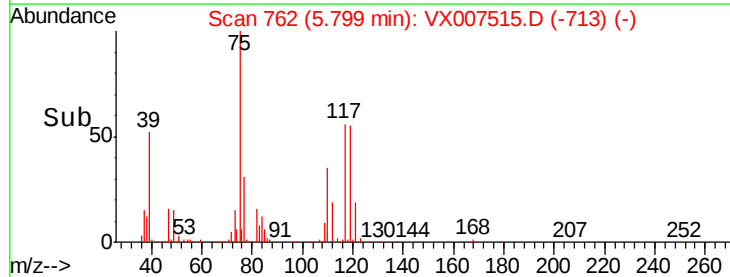
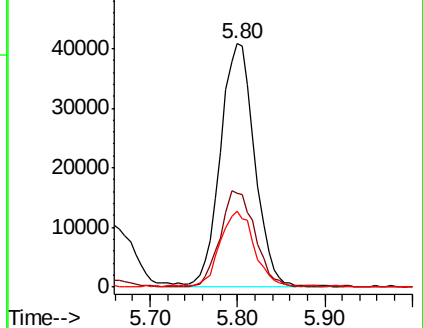
77 30.7 24.7 37.1

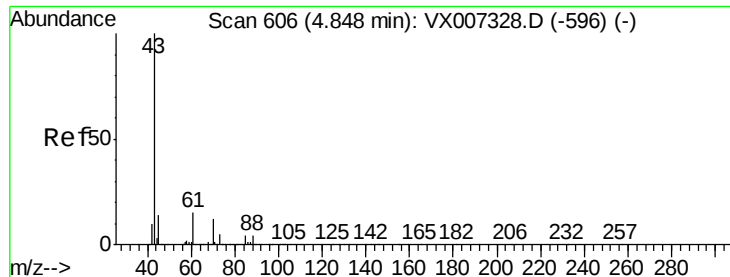


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

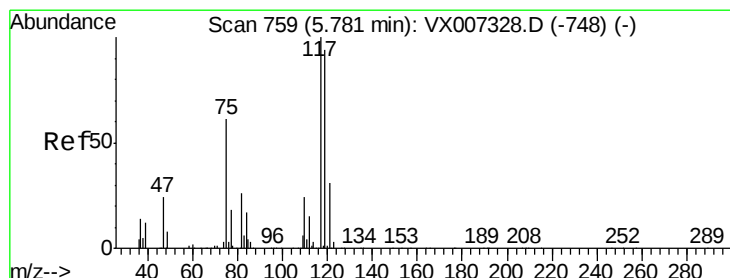
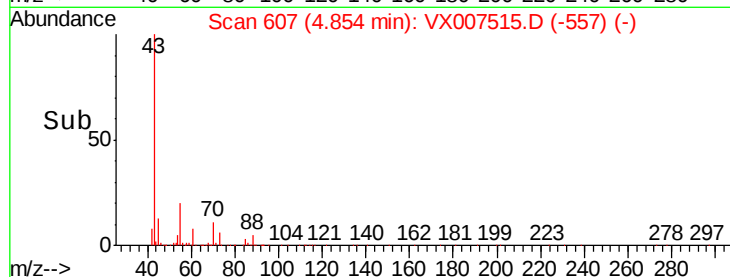
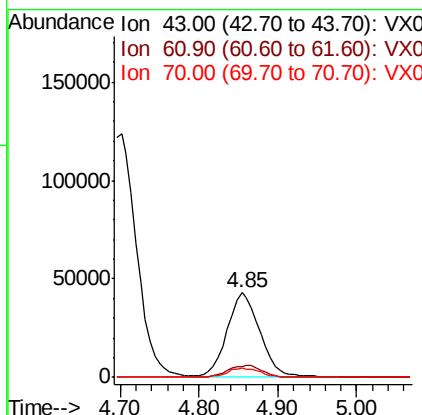
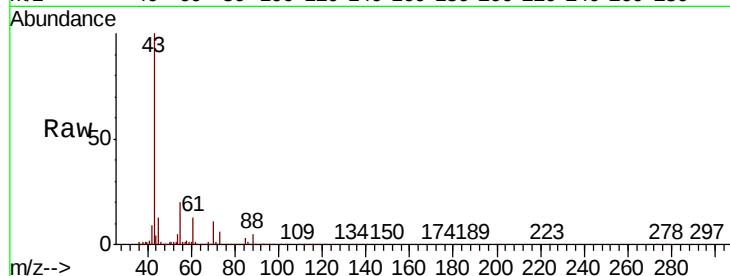




#37
Ethyl Acetate
Concen: 20.208 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

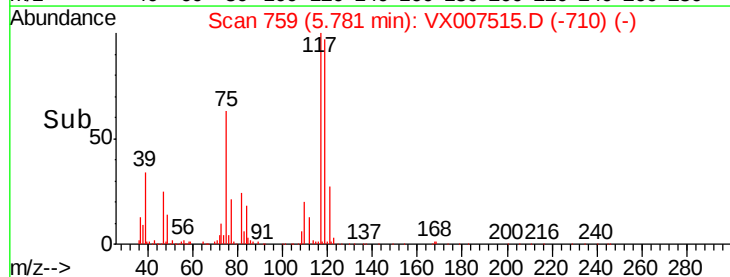
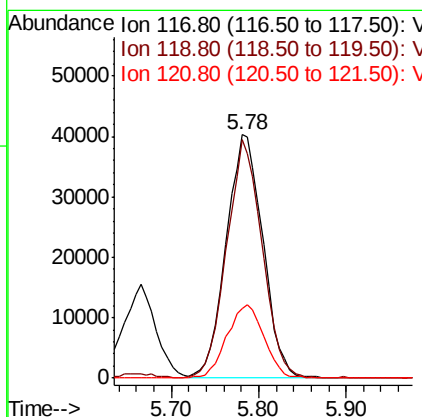
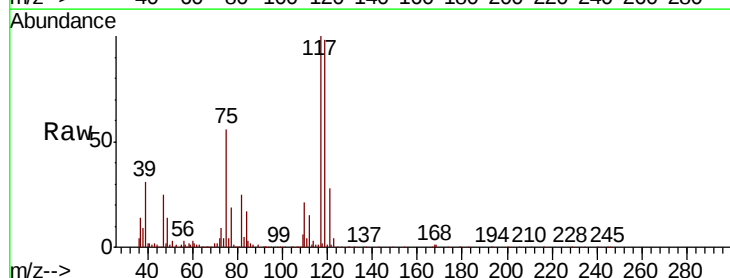
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

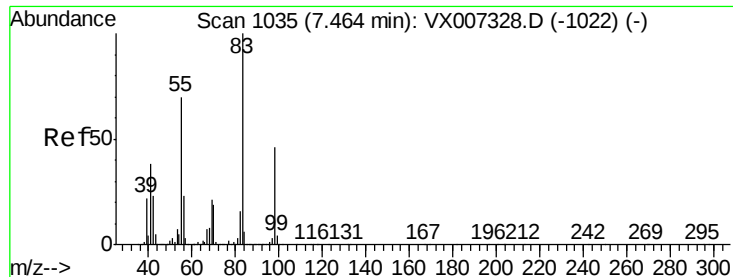
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.3	16.9
70	11.7	8.6	13.0



#38
Carbon Tetrachloride
Concen: 19.981 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.3	112.9
121	28.5	25.0	37.4

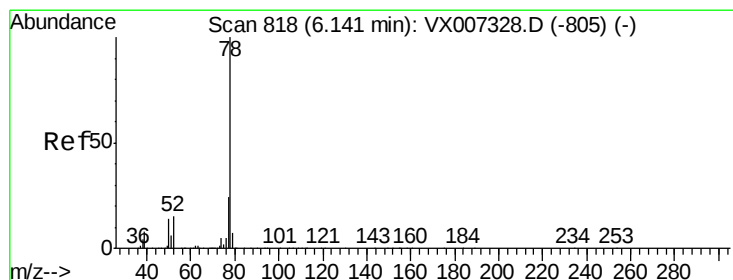
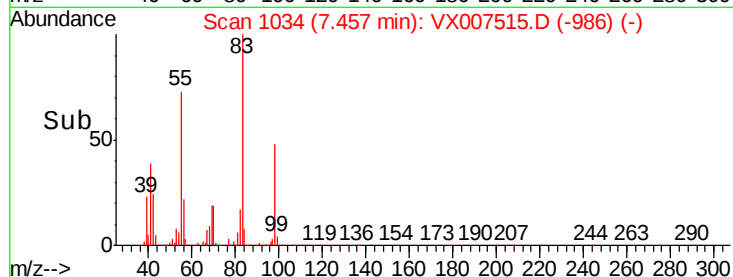
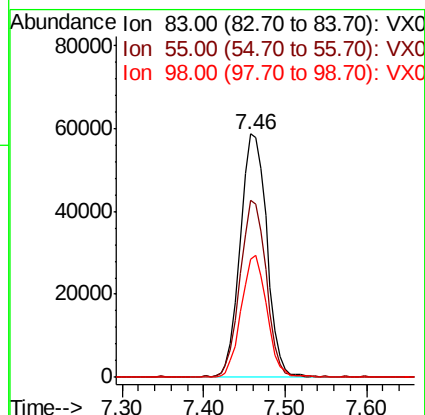
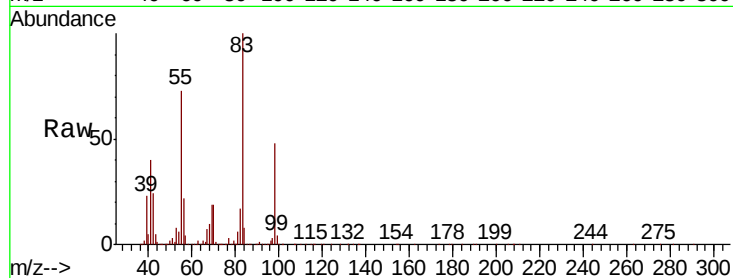




#39
Methylcyclohexane
Concen: 18.052 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

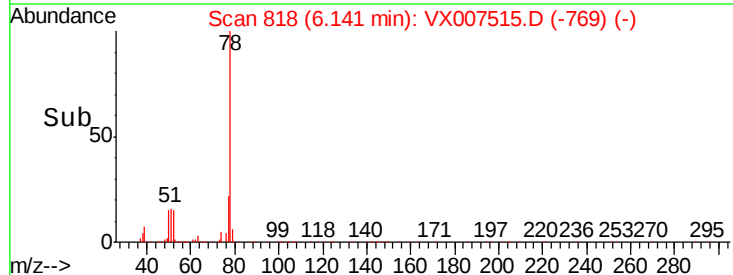
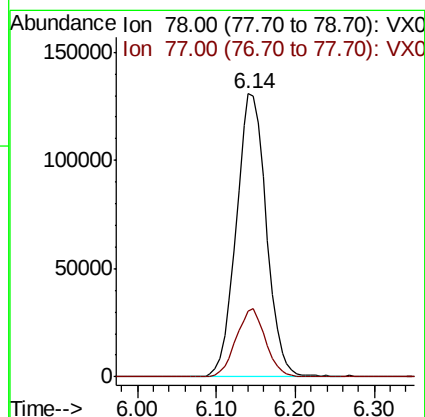
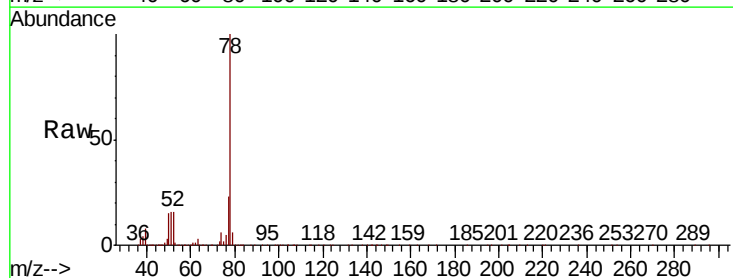
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

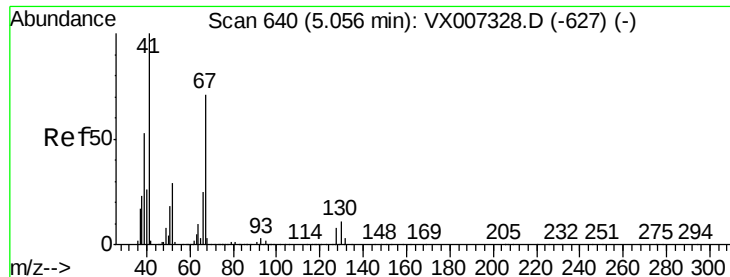
Tgt Ion: 83 Resp: 132044
Ion Ratio Lower Upper
83 100
55 72.8 56.2 84.2
98 48.3 36.8 55.2



#40
Benzene
Concen: 19.461 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion: 78 Resp: 346564
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





#41

Methacrylonitrile

Concen: 21.582 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

Tgt Ion: 41 Resp: 70690

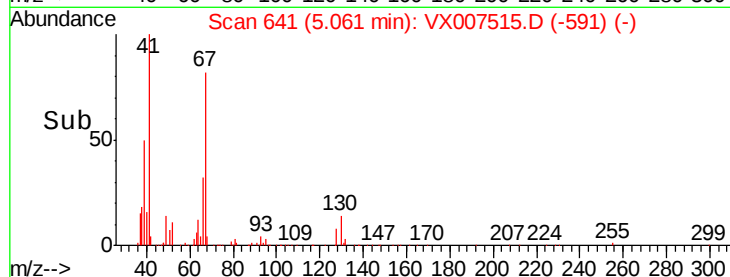
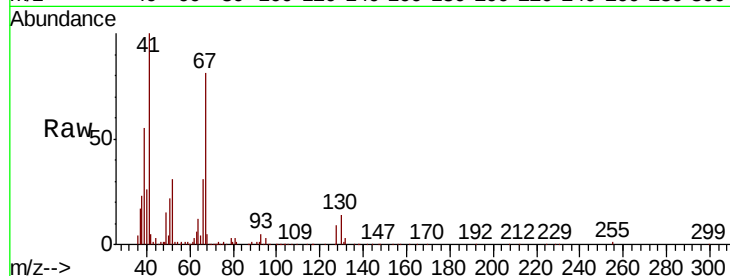
Ion Ratio Lower Upper

41 100

39 51.5 44.5 66.7

67 76.2 60.4 90.6

52 28.3 24.1 36.1



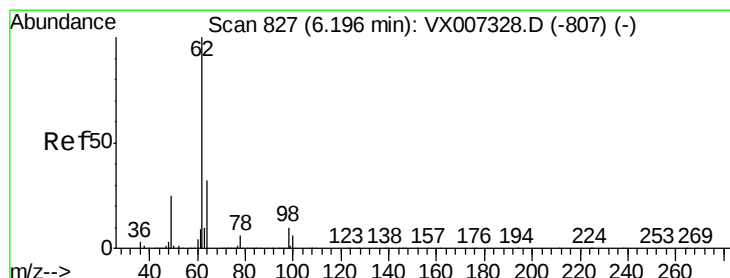
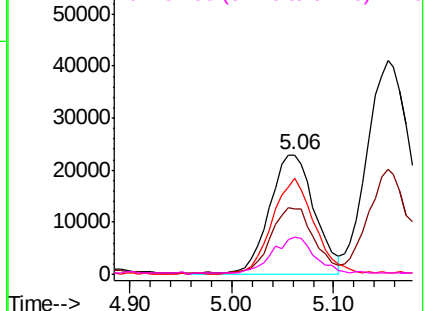
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.547 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007515.D

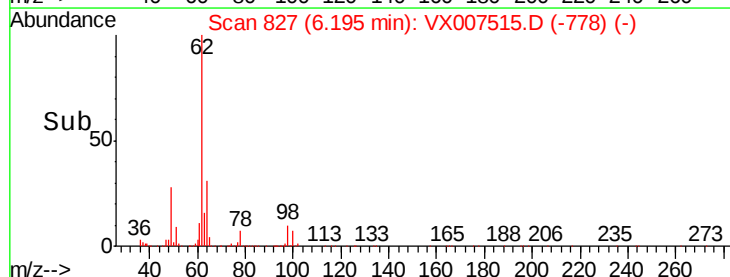
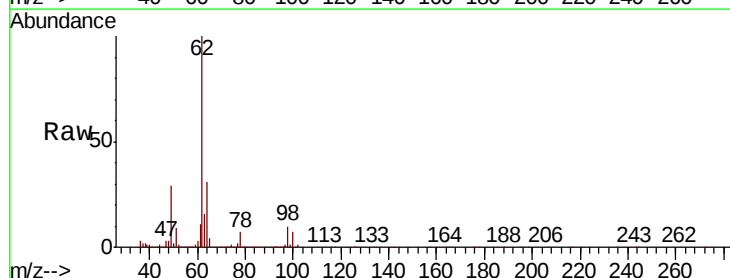
Acq: 13 Feb 2019 12:31

Tgt Ion: 62 Resp: 120440

Ion Ratio Lower Upper

62 100

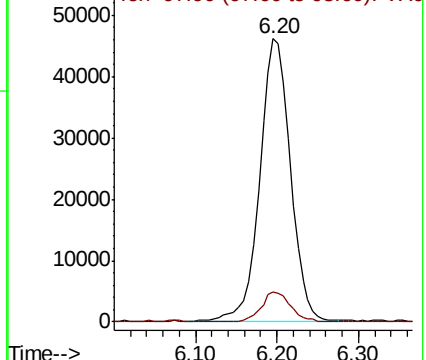
98 10.3 0.0 19.0

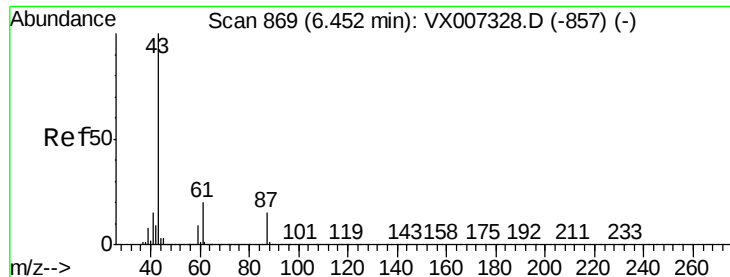


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.583 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampled :

VX0214WBS01

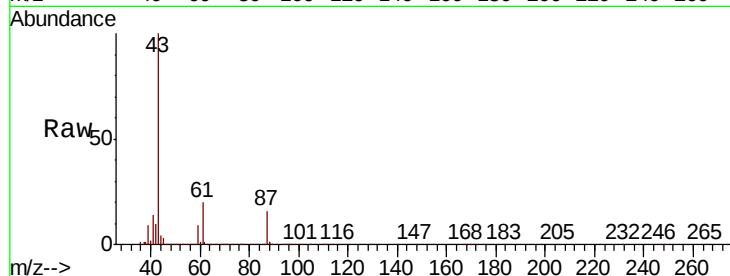
Tgt Ion: 43 Resp: 194159

Ion Ratio Lower Upper

43 100

61 20.0 16.1 24.1

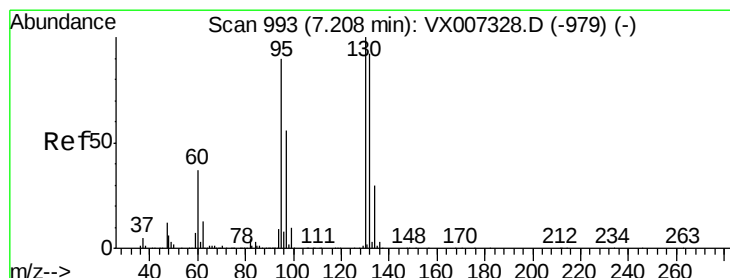
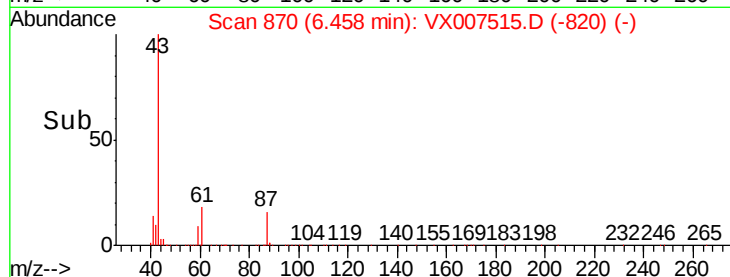
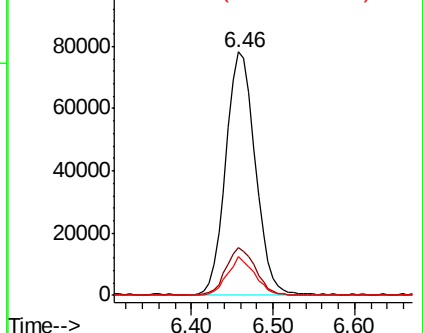
87 14.7 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.888 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007515.D

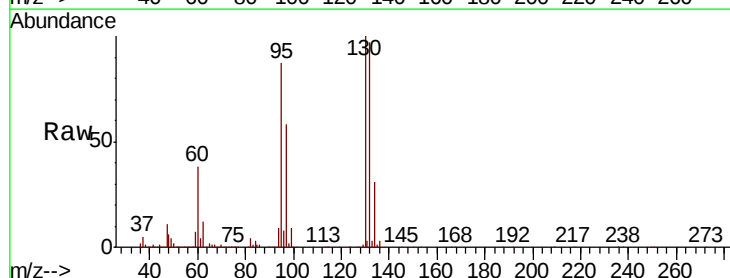
Acq: 13 Feb 2019 12:31

Tgt Ion: 130 Resp: 101308

Ion Ratio Lower Upper

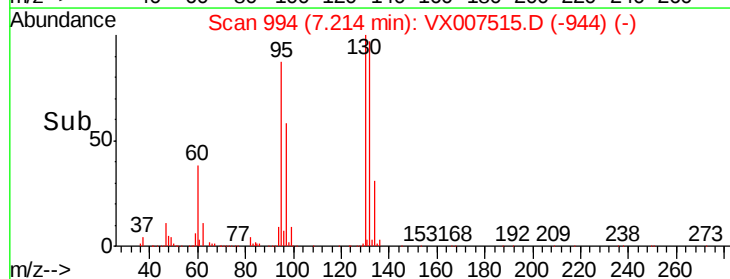
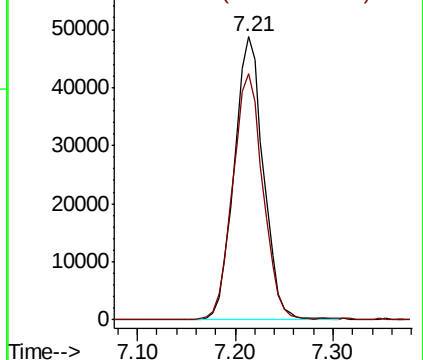
130 100

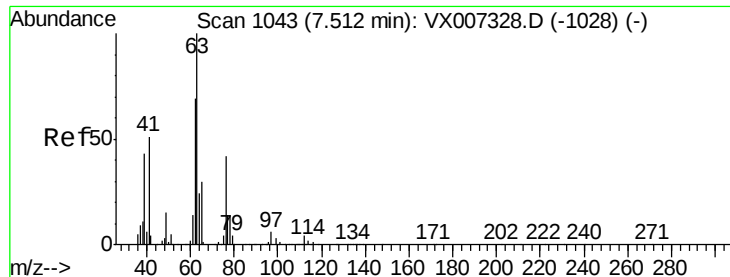
95 86.8 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

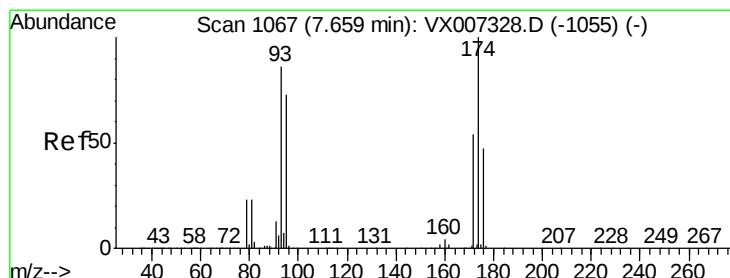
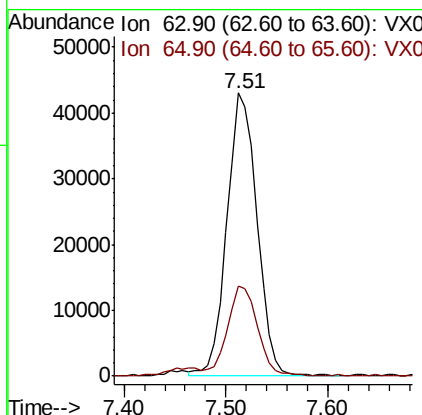
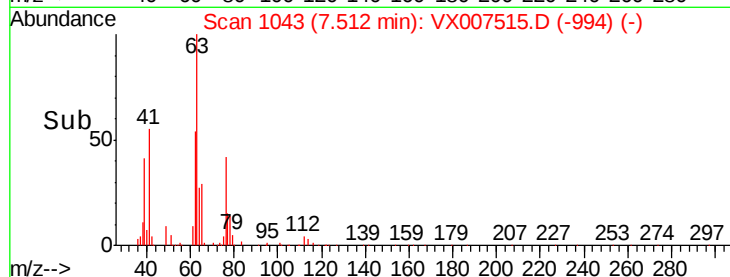
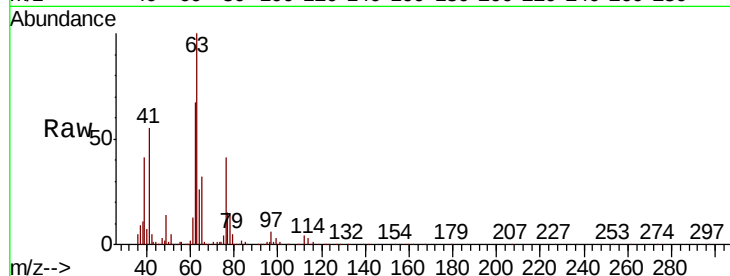




#45
 1,2-Dichloropropane
 Concen: 19.625 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

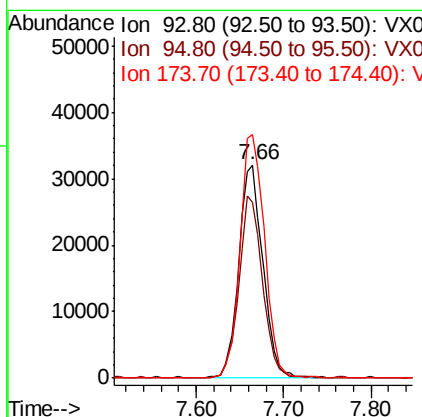
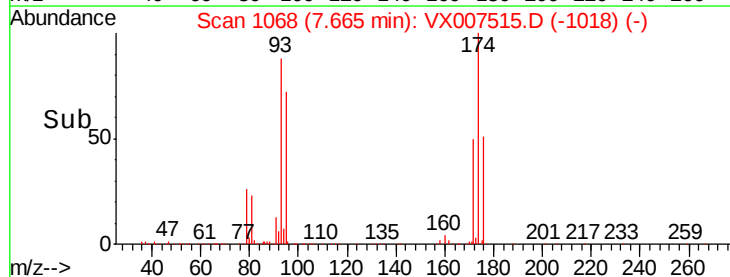
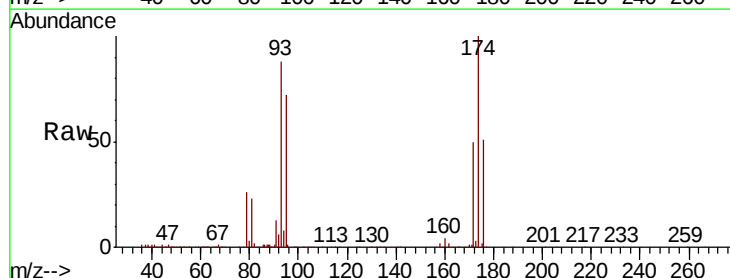
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01

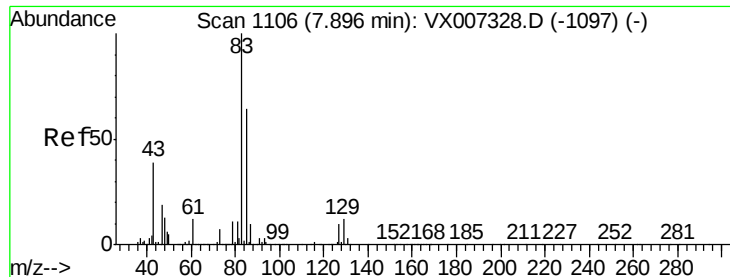
Tgt Ion: 63 Resp: 87568
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.2 36.2



#46
 Dibromomethane
 Concen: 19.057 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

Tgt Ion: 93 Resp: 61803
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.6 101.4
 174 115.9 94.2 141.4





#47

Bromodichloromethane

Concen: 20.021 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

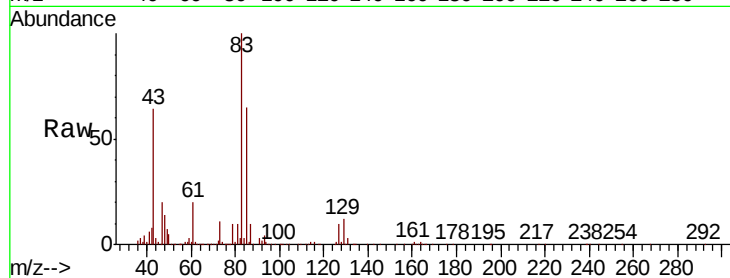
Tgt Ion: 83 Resp: 110037

Ion Ratio Lower Upper

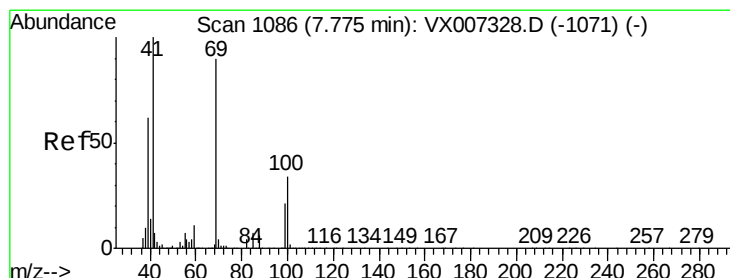
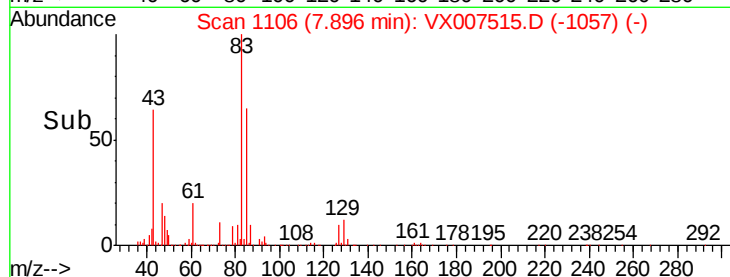
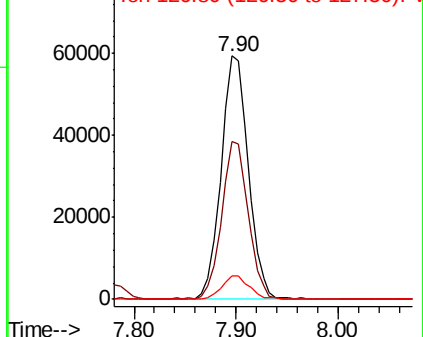
83 100

85 64.9 51.4 77.0

127 9.6 8.1 12.1



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



#48

Methyl methacrylate

Concen: 20.950 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

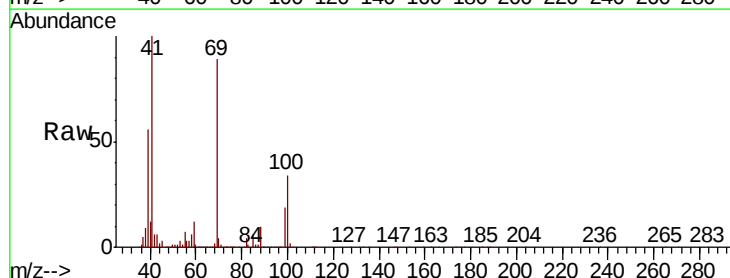
Tgt Ion: 41 Resp: 98849

Ion Ratio Lower Upper

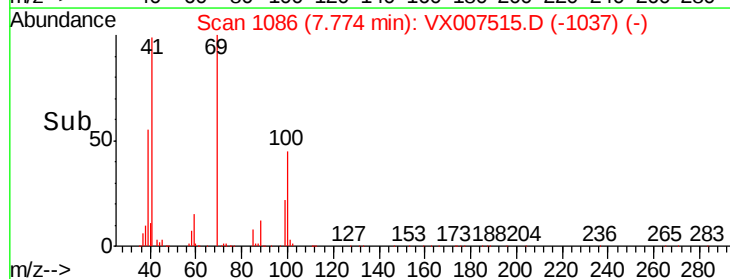
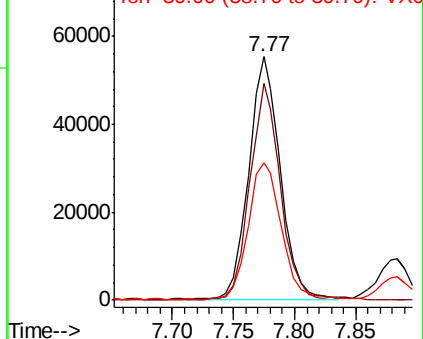
41 100

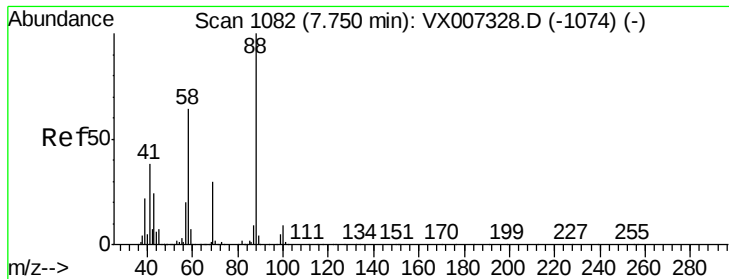
69 86.6 70.2 105.4

39 59.7 47.4 71.0



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





#49

1,4-Dioxane

Concen: 448.337 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

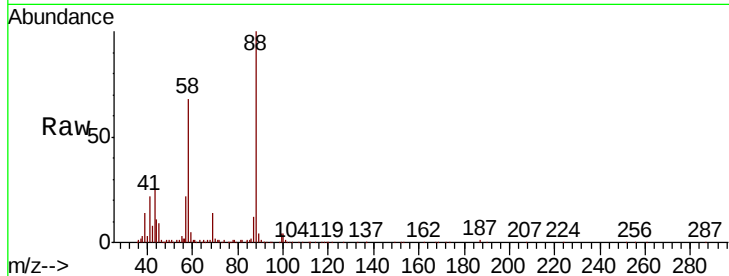
Tgt Ion: 88 Resp: 47698

Ion Ratio Lower Upper

88 100

43 28.8 24.2 36.4

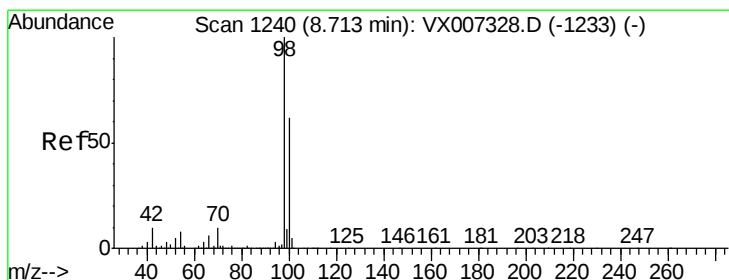
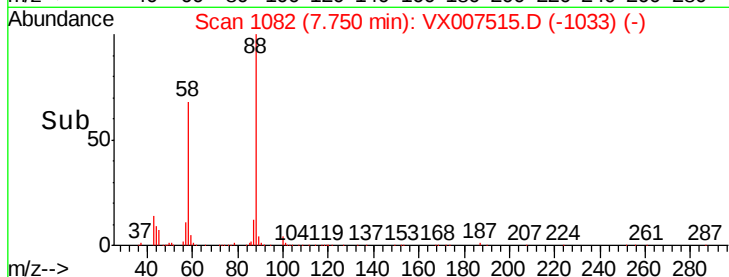
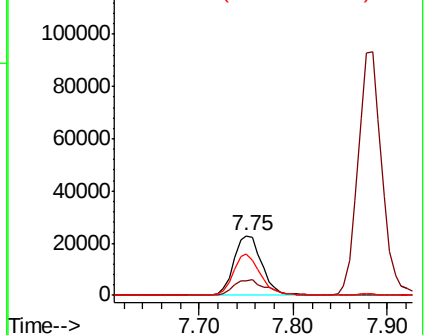
58 65.8 53.0 79.4



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: 49.386 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007515.D

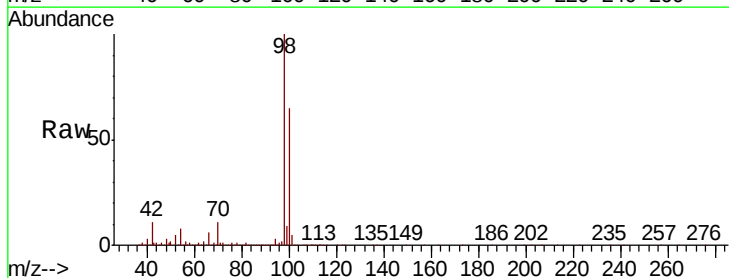
Acq: 13 Feb 2019 12:31

Tgt Ion: 98 Resp: 803319

Ion Ratio Lower Upper

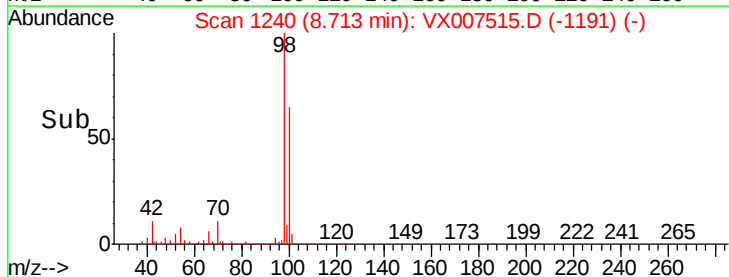
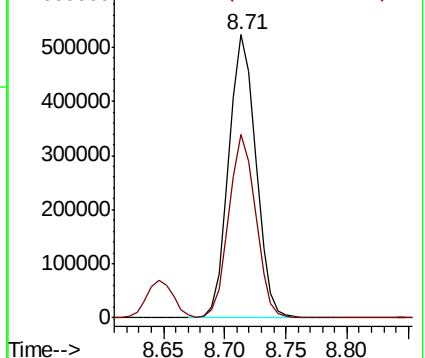
98 100

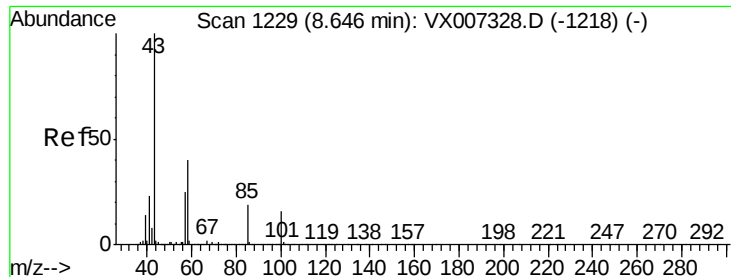
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 106.761 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

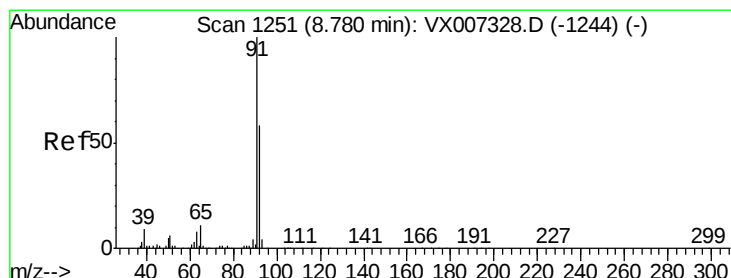
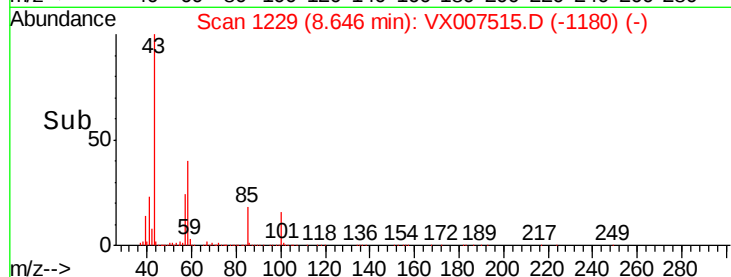
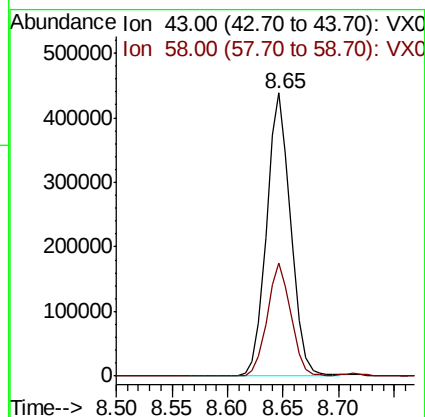
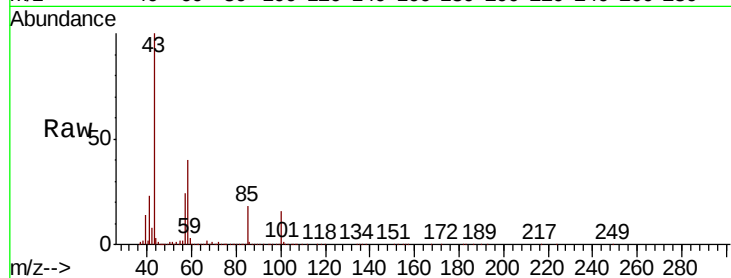
VX0214WBS01

Tgt Ion: 43 Resp: 662957

Ion Ratio Lower Upper

43 100

58 39.1 31.2 46.8



#52

Toluene

Concen: 19.201 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007515.D

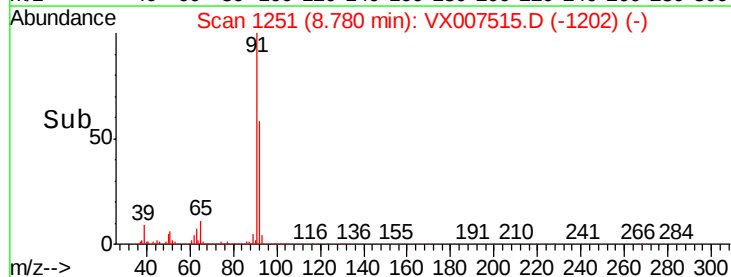
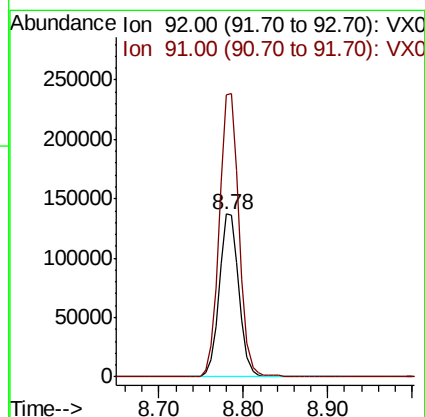
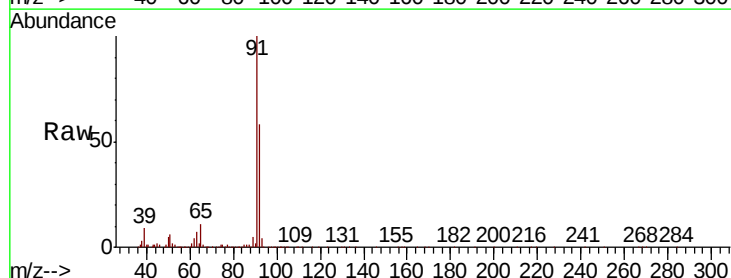
Acq: 13 Feb 2019 12:31

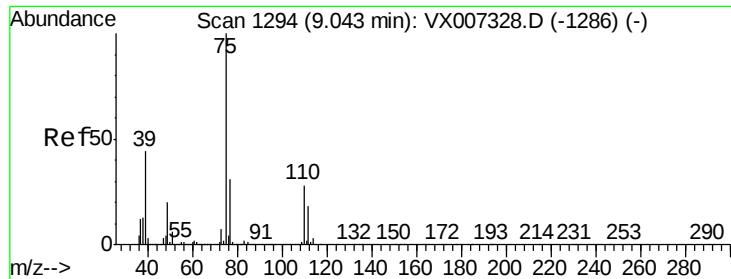
Tgt Ion: 92 Resp: 220611

Ion Ratio Lower Upper

92 100

91 173.8 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.232 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

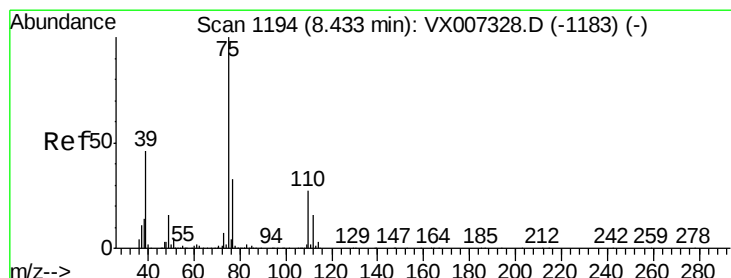
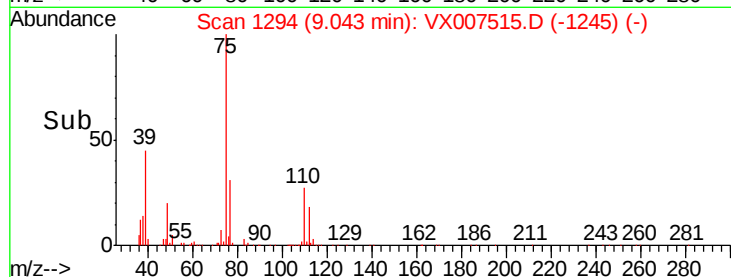
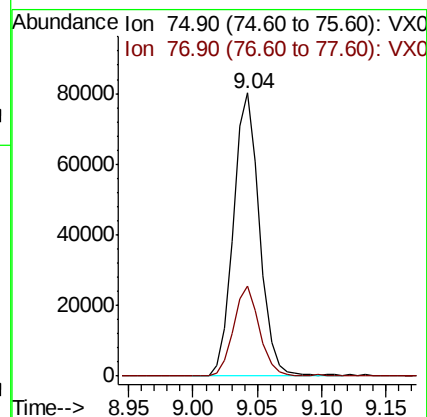
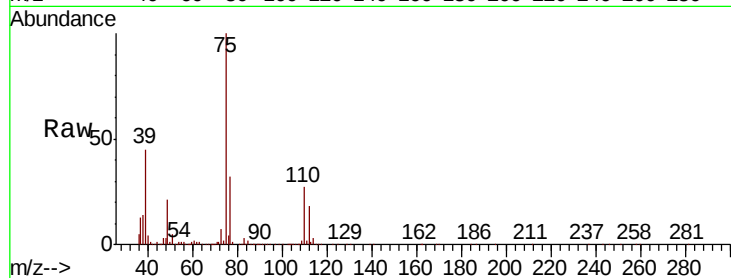
VX0214WBS01

Tgt Ion: 75 Resp: 113536

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.035 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

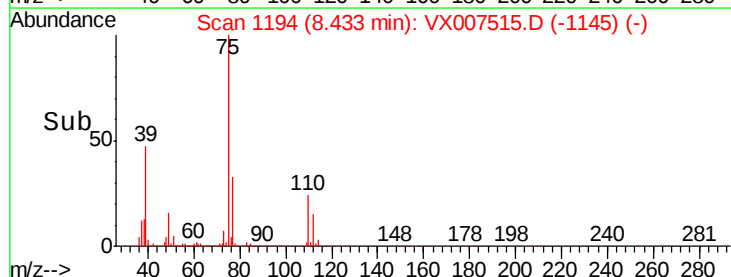
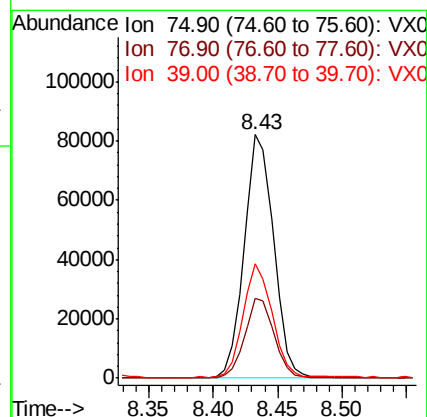
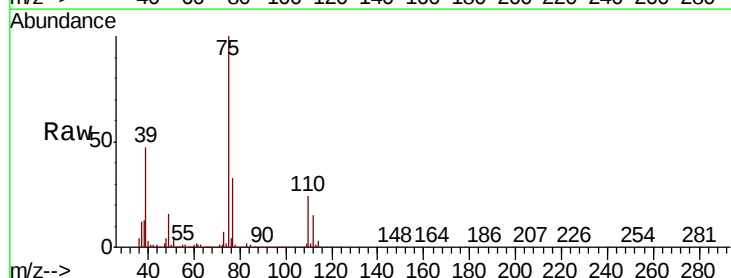
Tgt Ion: 75 Resp: 130071

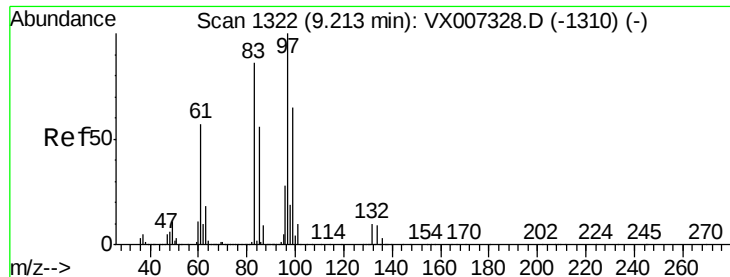
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.4

39 46.9 37.1 55.7

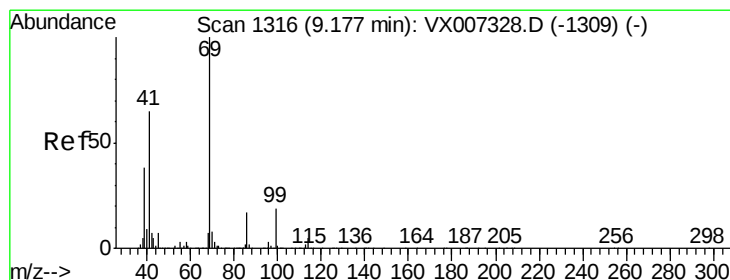
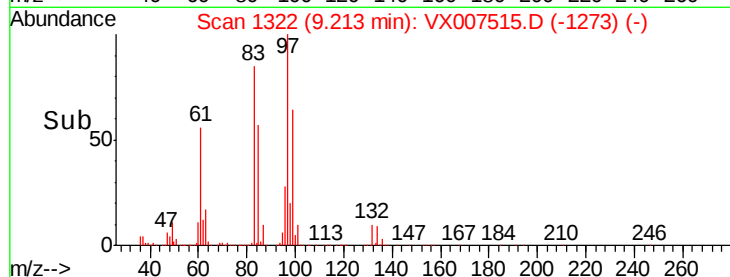
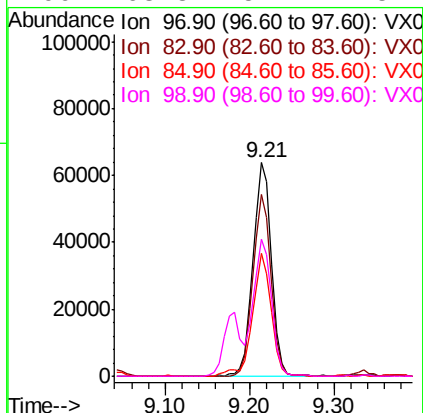
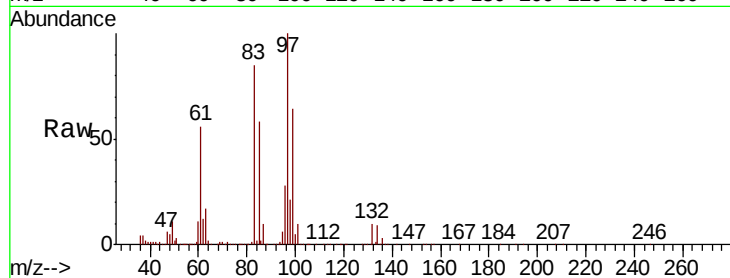




#55
 1,1,2-Trichloroethane
 Concen: 19.724 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

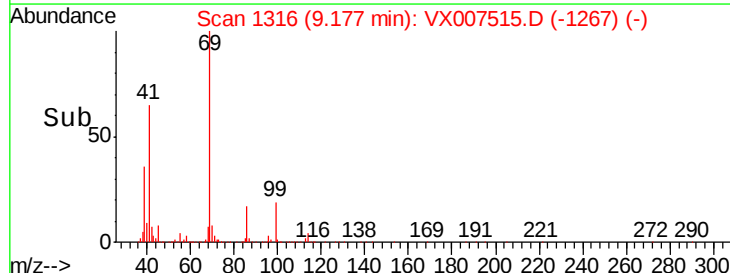
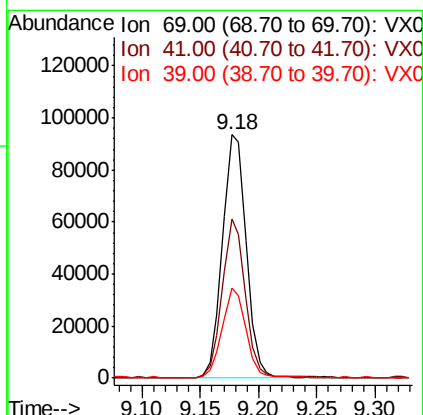
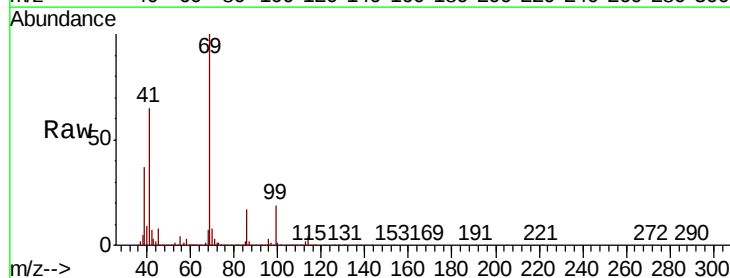
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01

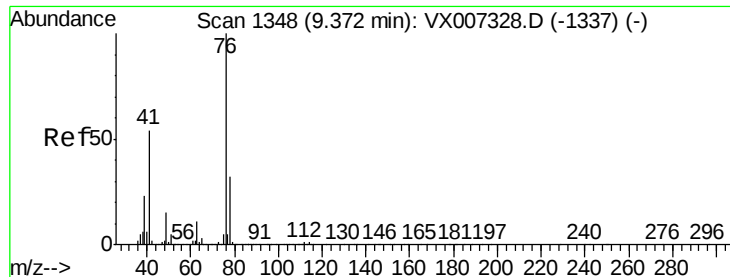
Tgt Ion:	97	Resp:	94465
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.6	102.8
85	57.4	44.5	66.7
99	63.8	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 20.076 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

Tgt Ion:	69	Resp:	133171
Ion	Ratio	Lower	Upper
69	100		
41	62.0	52.1	78.1
39	36.7	30.1	45.1





#57

1,3-Dichloropropane

Concen: 19.463 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

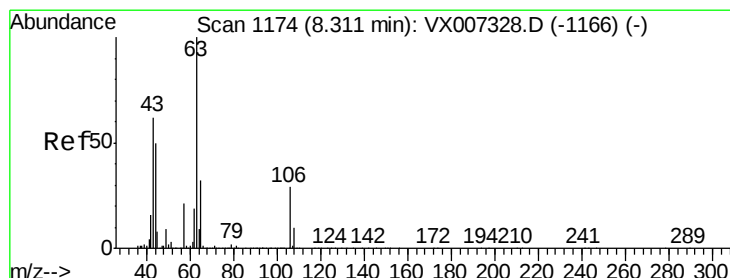
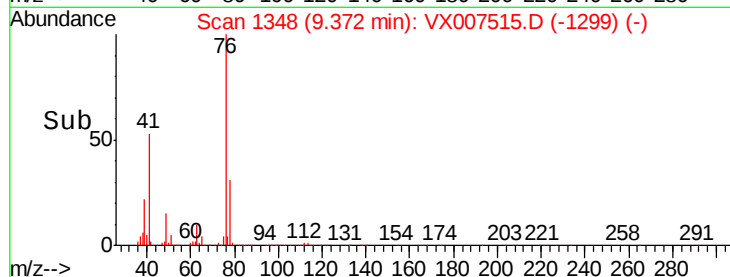
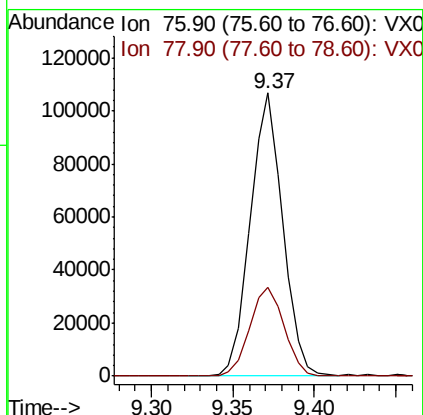
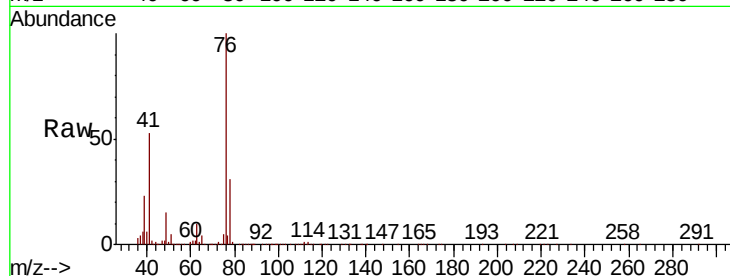
VX0214WBS01

Tgt Ion: 76 Resp: 148242

Ion Ratio Lower Upper

76 100

78 33.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.106 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007515.D

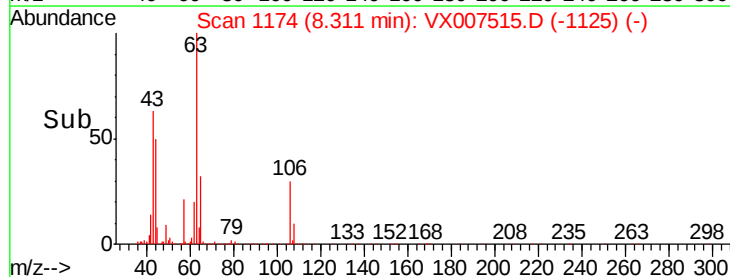
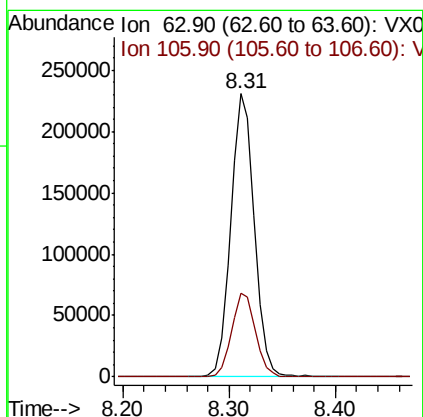
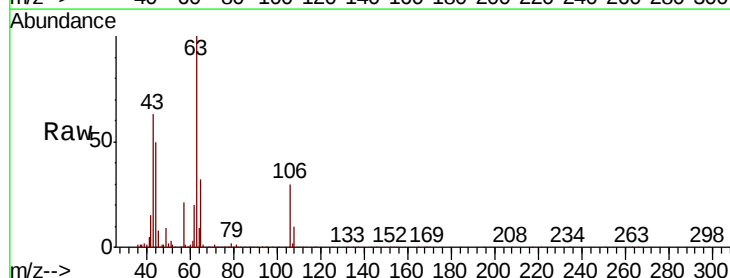
Acq: 13 Feb 2019 12:31

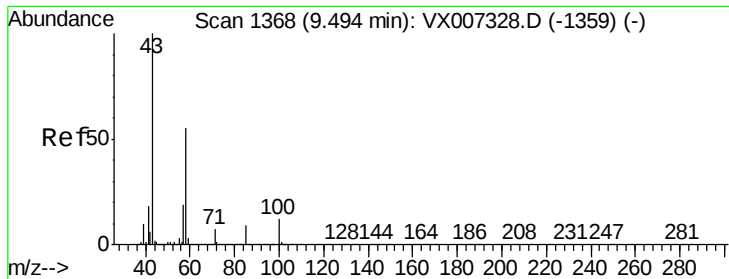
Tgt Ion: 63 Resp: 357001

Ion Ratio Lower Upper

63 100

106 30.4 23.6 35.4

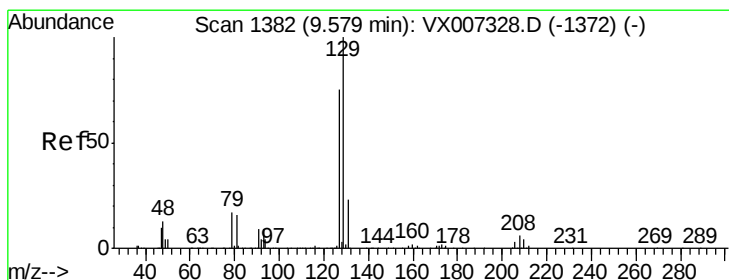
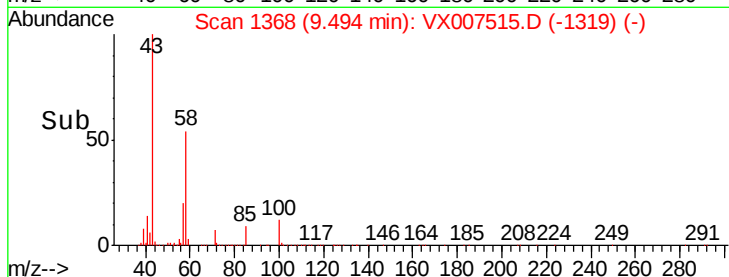
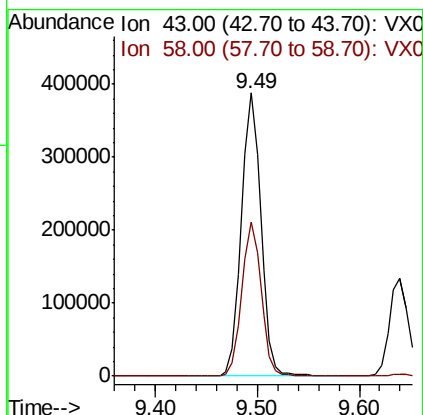
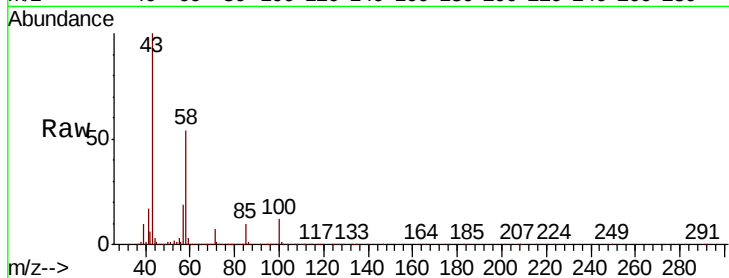




#59
2-Hexanone
Concen: 106.126 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

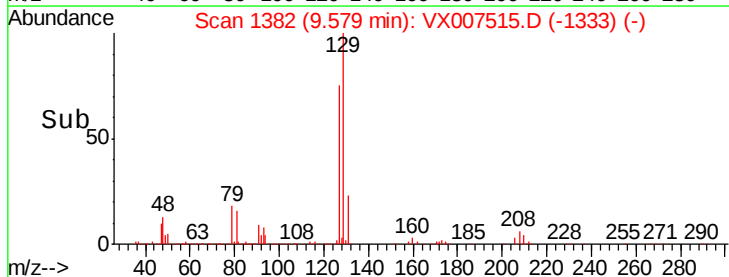
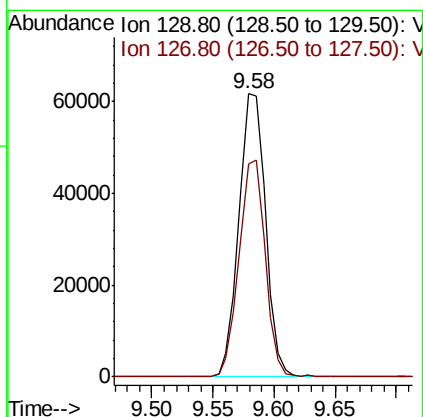
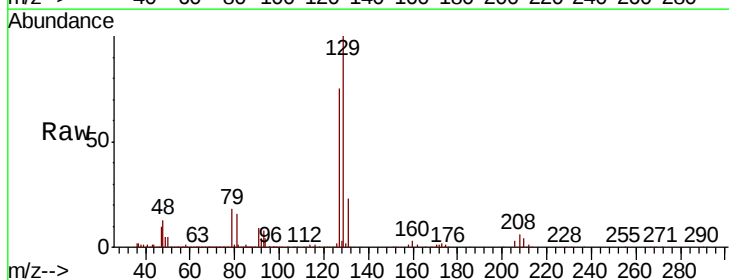
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

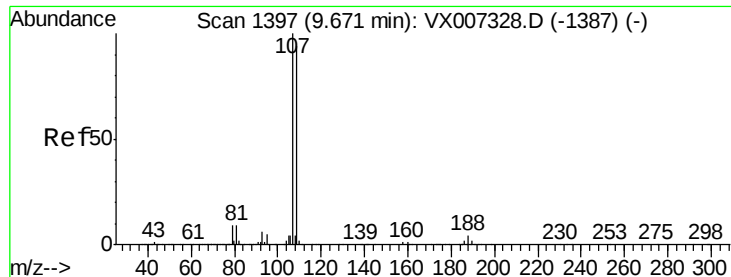
Tgt Ion: 43 Resp: 512822
Ion Ratio Lower Upper
43 100
58 54.1 27.1 81.3



#60
Dibromochloromethane
Concen: 20.643 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion: 129 Resp: 93506
Ion Ratio Lower Upper
129 100
127 75.3 37.8 113.4

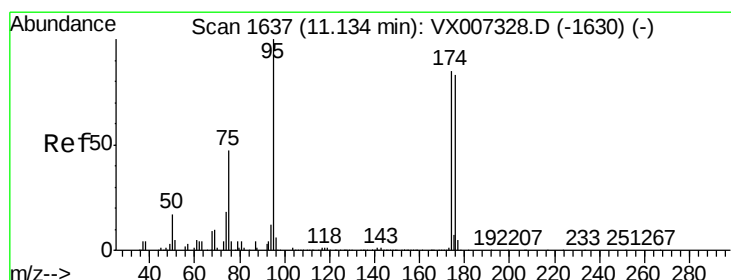
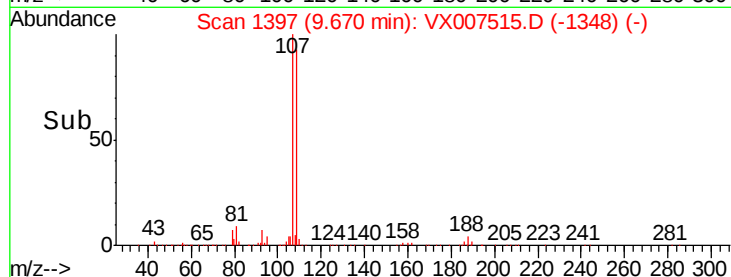
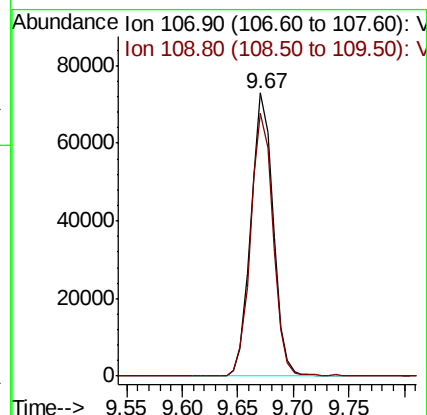
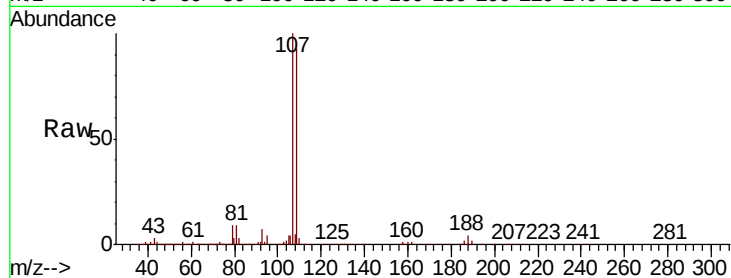




#61
 1,2-Dibromoethane
 Concen: 20.047 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

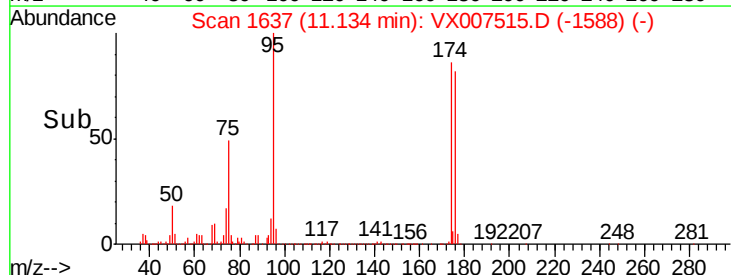
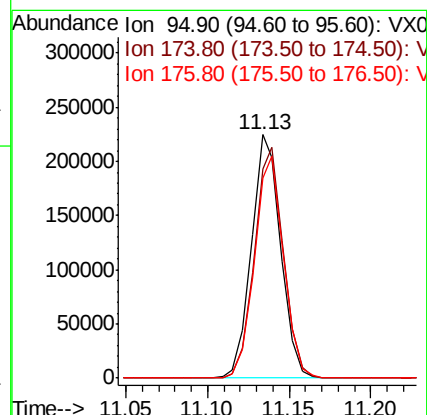
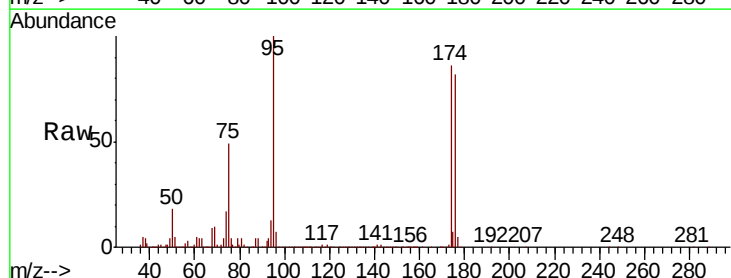
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01

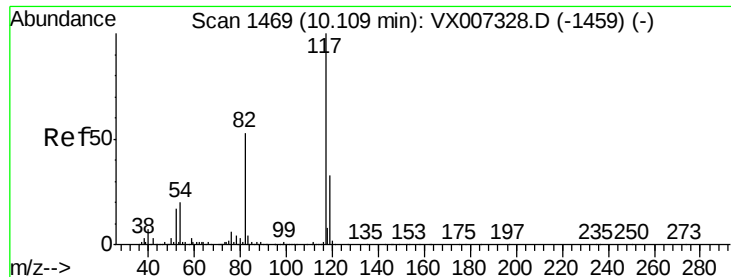
Tgt Ion: 107 Resp: 101678
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 47.145 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

Tgt Ion: 95 Resp: 279979
 Ion Ratio Lower Upper
 95 100
 174 94.4 0.0 189.2
 176 90.8 0.0 186.2

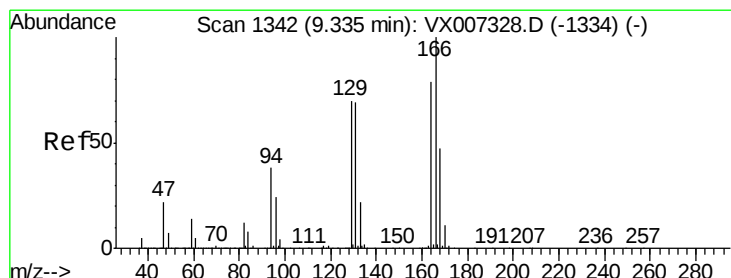
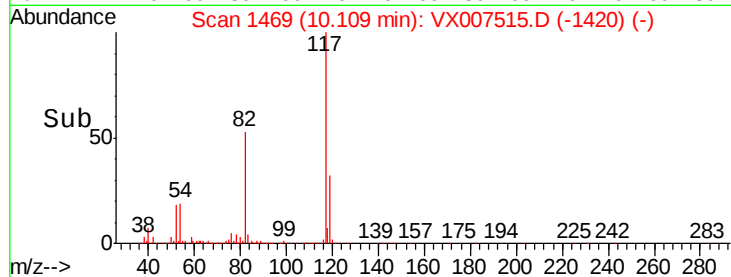
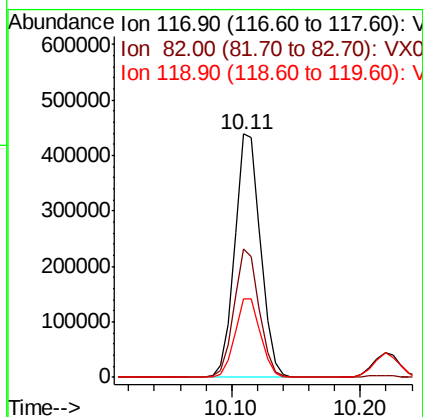
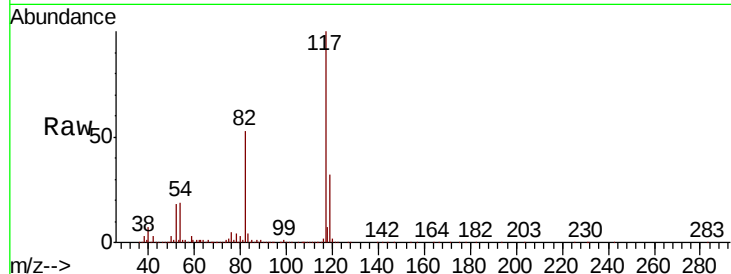




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

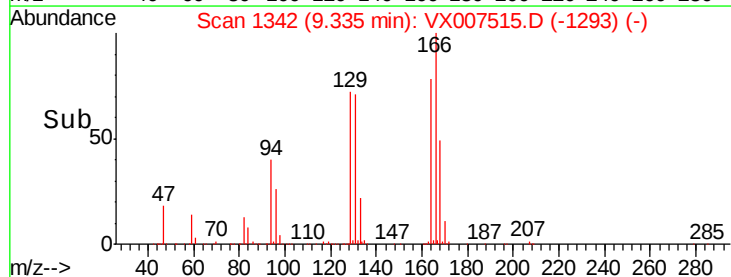
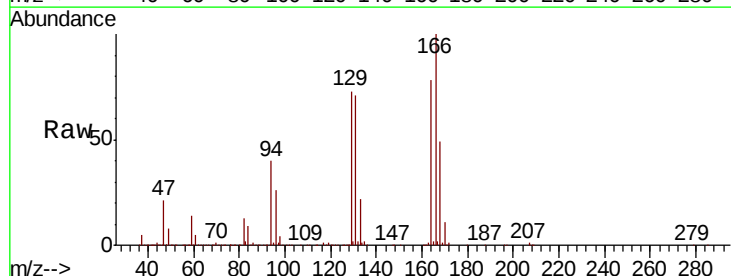
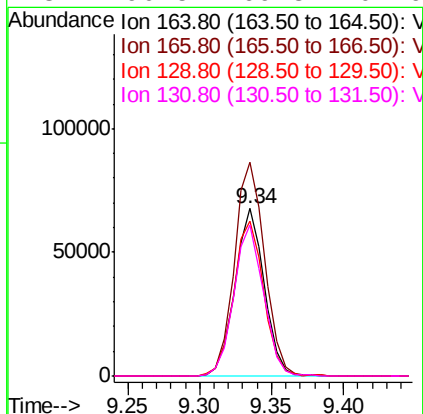
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

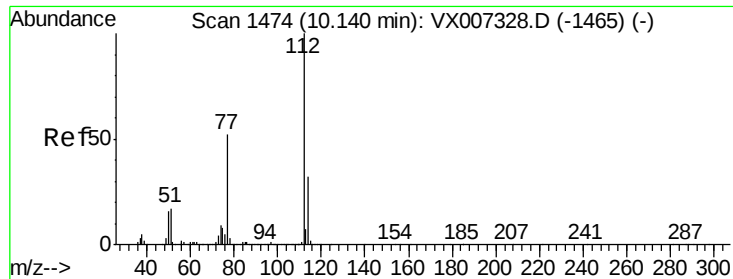
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.1	63.1
119	32.1	26.5	39.7



#64
Tetrachloroethene
Concen: 16.764 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.0	151.4
129	92.5	70.5	105.7
131	90.5	69.8	104.6

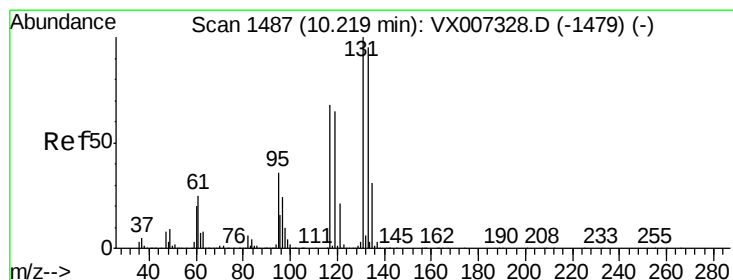
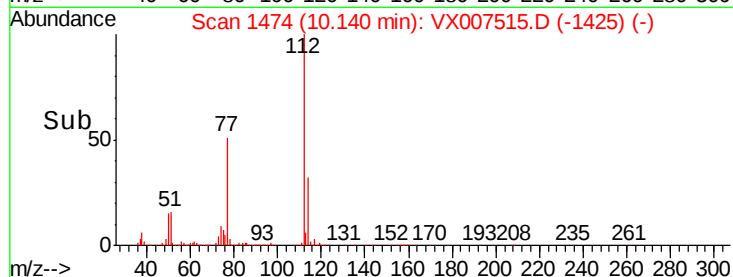
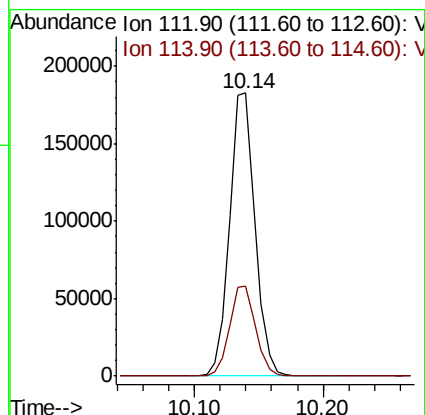
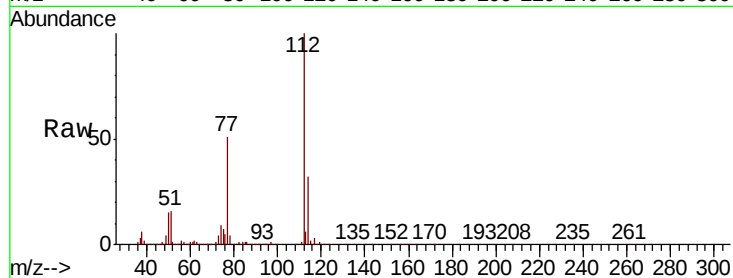




#65
Chlorobenzene
Concen: 19.108 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

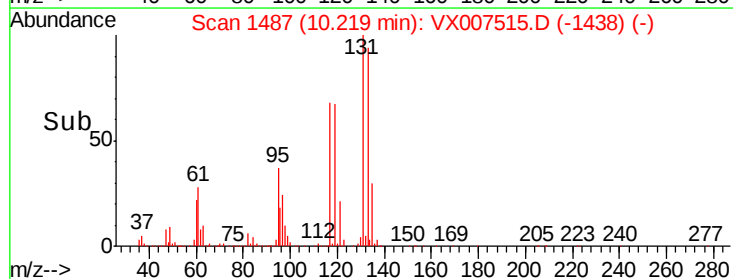
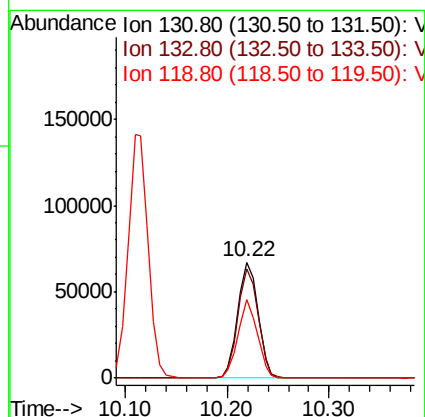
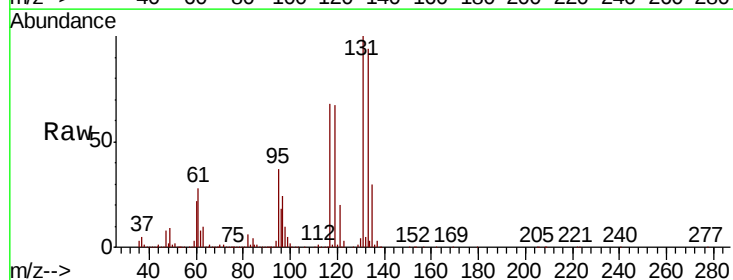
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

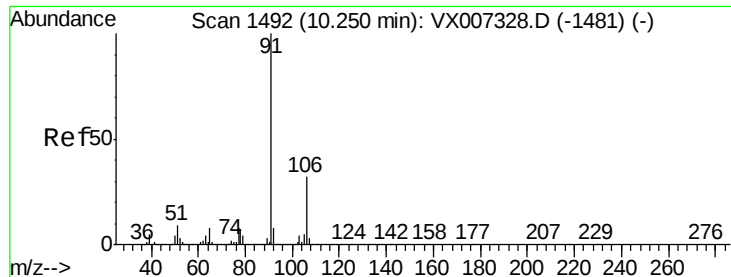
Tgt Ion:112 Resp: 254558
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.638 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion:131 Resp: 92180
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.2
119 64.6 32.0 96.0





#67

Ethyl Benzene

Concen: 18.920 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

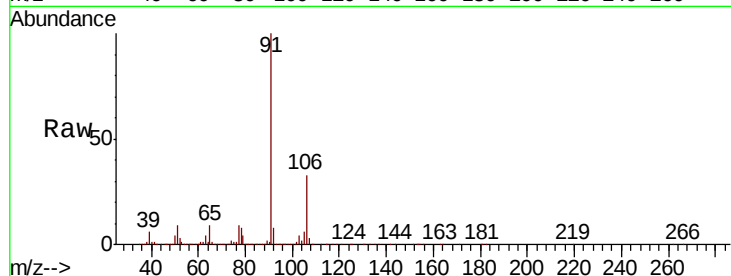
VX0214WBS01

Tgt Ion: 91 Resp: 405907

Ion Ratio Lower Upper

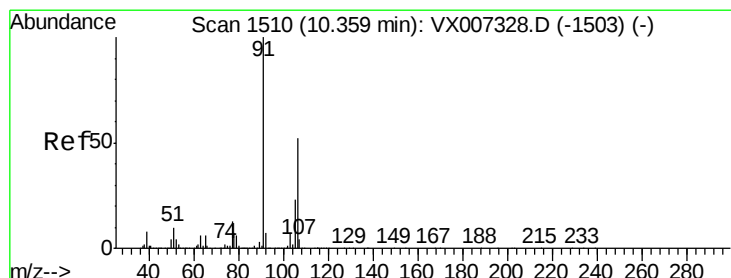
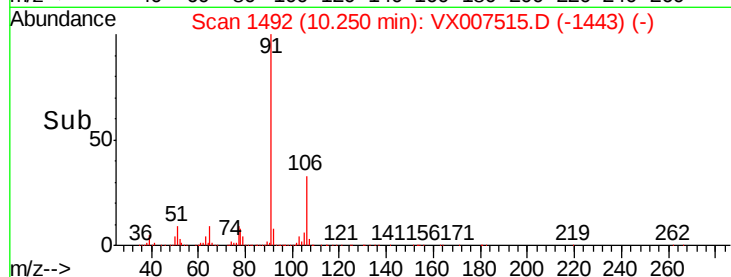
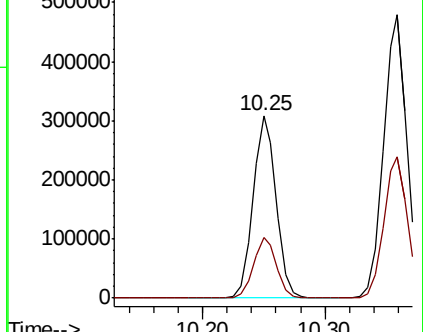
91 100

106 33.3 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.041 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007515.D

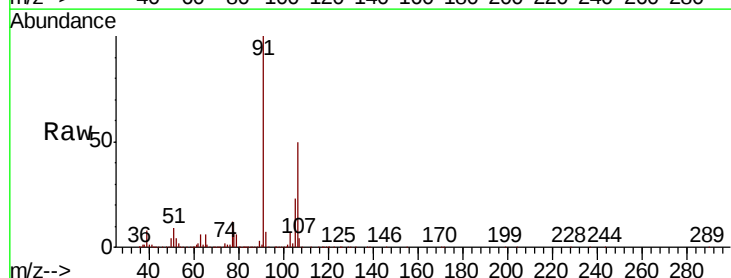
Acq: 13 Feb 2019 12:31

Tgt Ion: 106 Resp: 324411

Ion Ratio Lower Upper

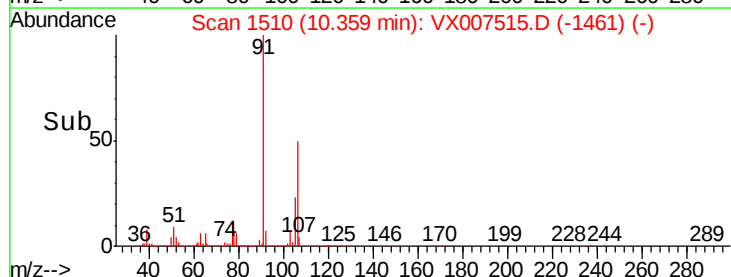
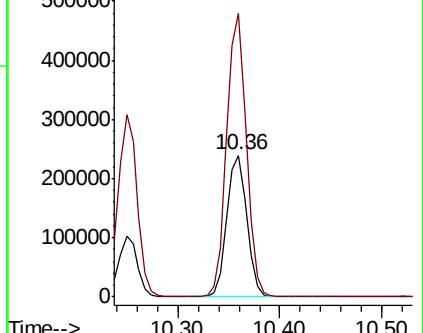
106 100

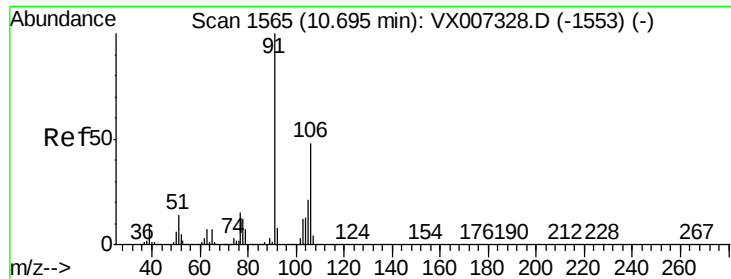
91 196.7 156.6 234.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

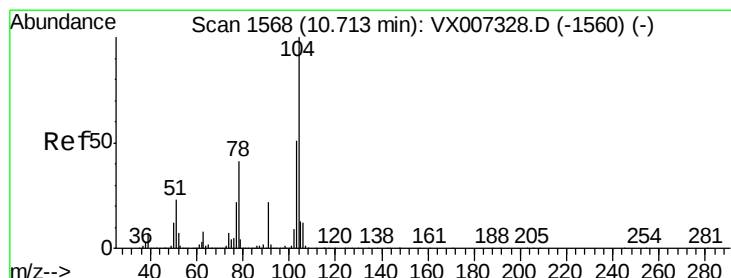
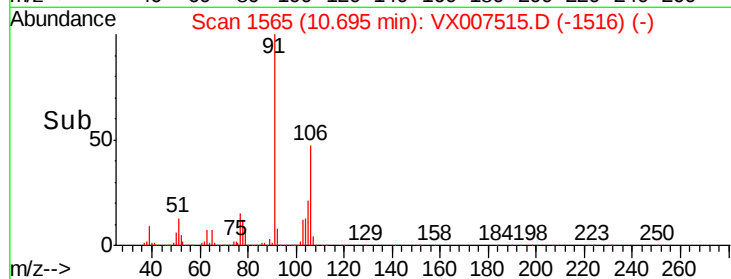
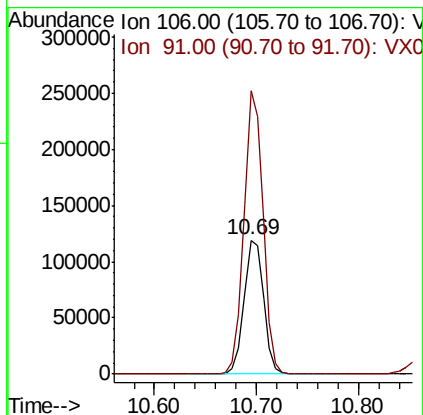
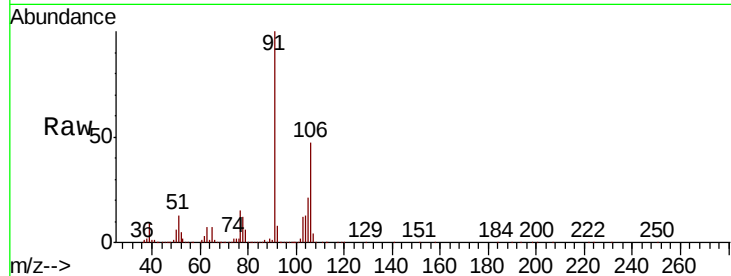




#69
o-Xylene
Concen: 19.322 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

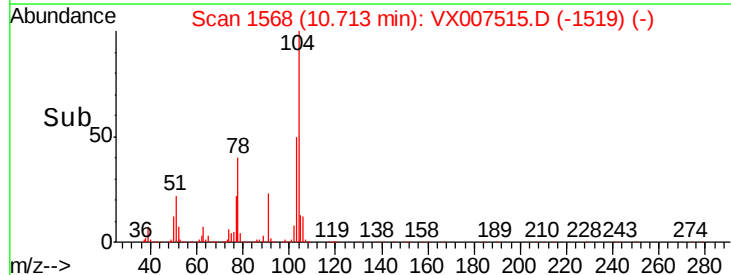
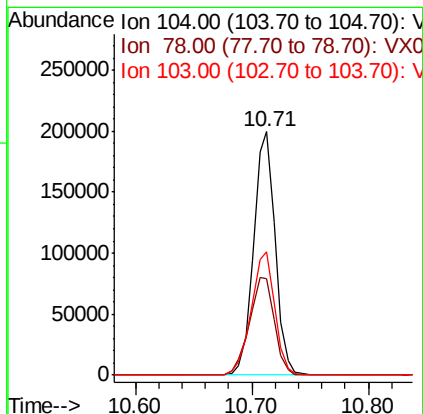
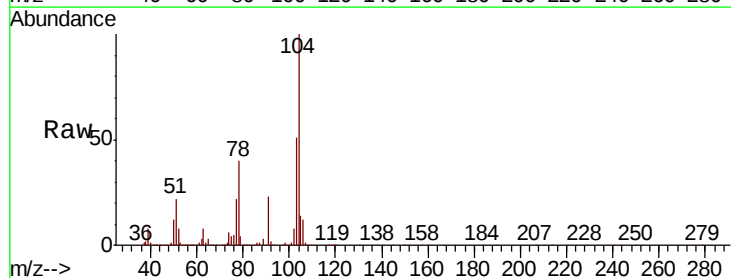
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

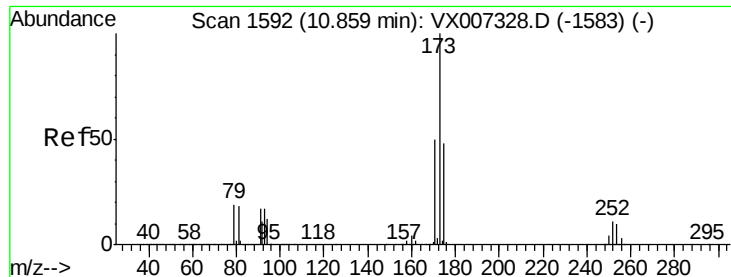
Tgt Ion:106 Resp: 158558
Ion Ratio Lower Upper
106 100
91 205.5 102.9 308.7



#70
Styrene
Concen: 19.412 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion:104 Resp: 258343
Ion Ratio Lower Upper
104 100
78 46.9 38.3 57.5
103 55.2 44.6 67.0

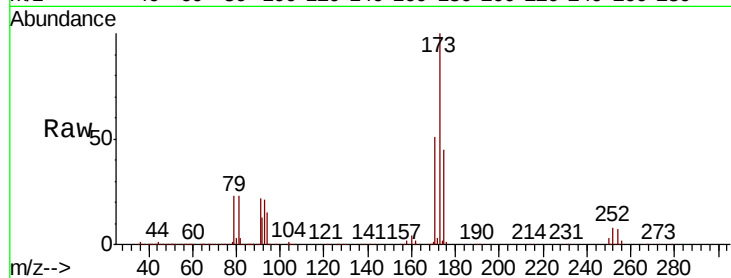




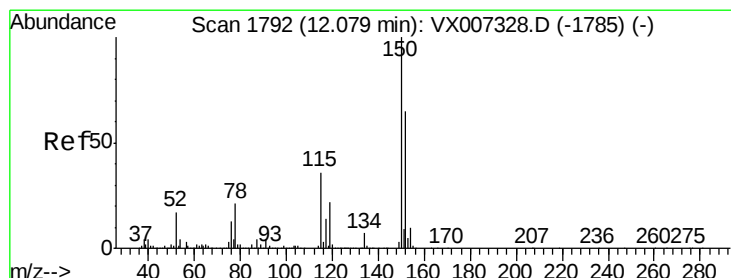
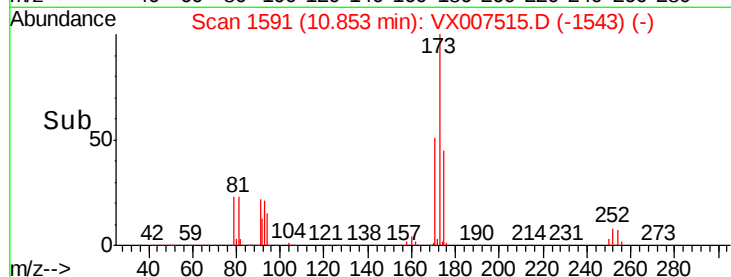
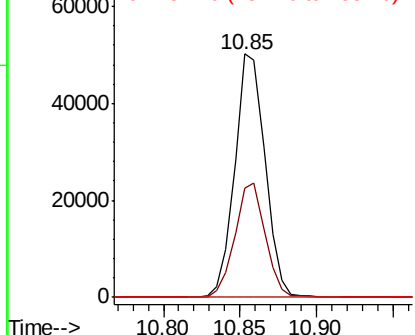
#71
Bromoform
Concen: 20.250 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

Tgt Ion:173 Resp: 69112
Ion Ratio Lower Upper
173 100
175 47.0 24.2 72.6
254 0.2 0.2 0.2

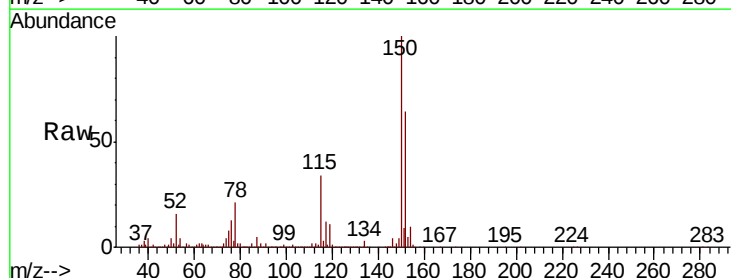


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

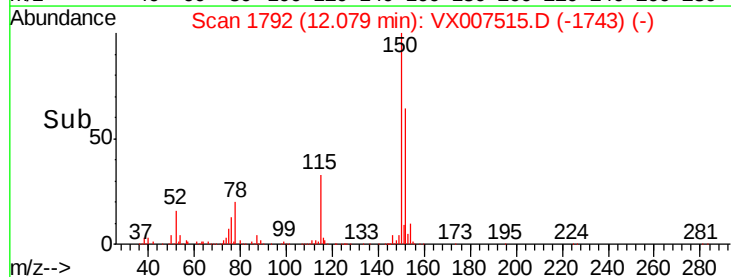
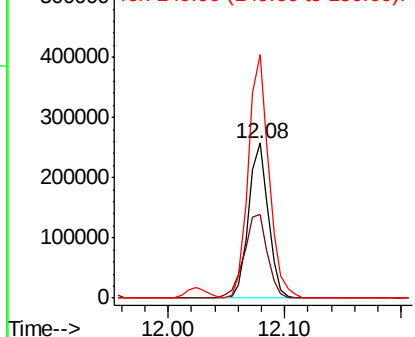


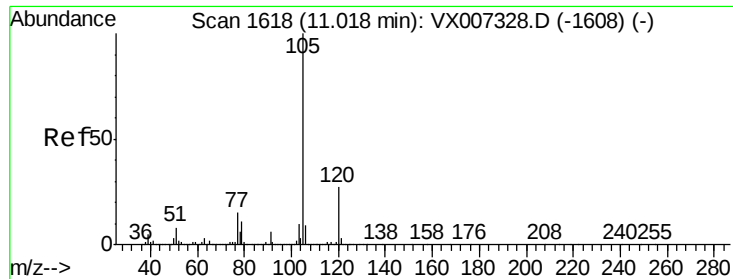
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion:152 Resp: 304607
Ion Ratio Lower Upper
152 100
115 63.9 38.0 114.0
150 164.3 0.0 346.4



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: 20.297 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

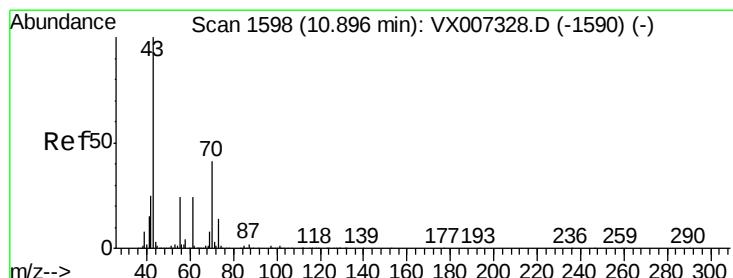
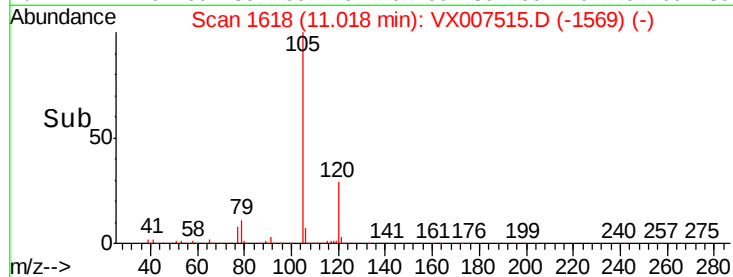
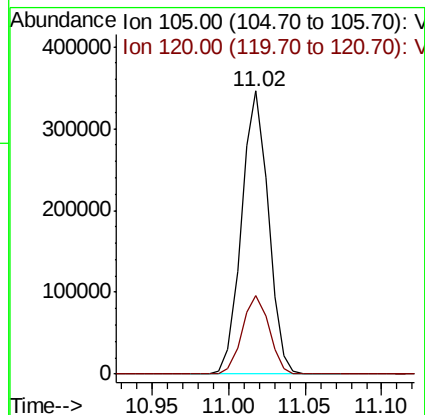
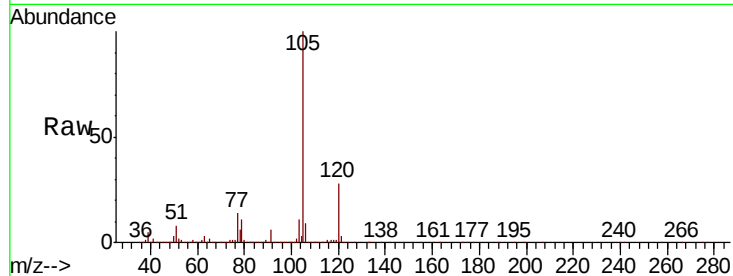
VX0214WBS01

Tgt Ion:105 Resp: 420144

Ion Ratio Lower Upper

105 100

120 28.1 13.6 40.7



#74

N-ethyl acetate

Concen: 20.939 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Tgt Ion: 43 Resp: 167649

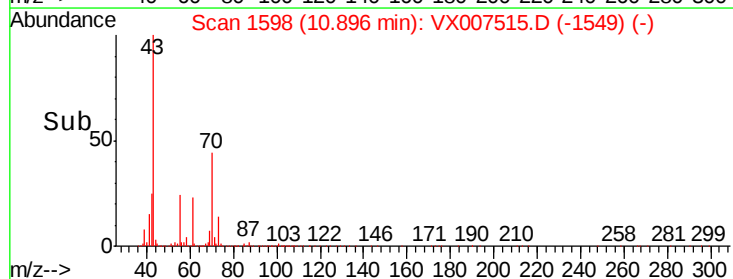
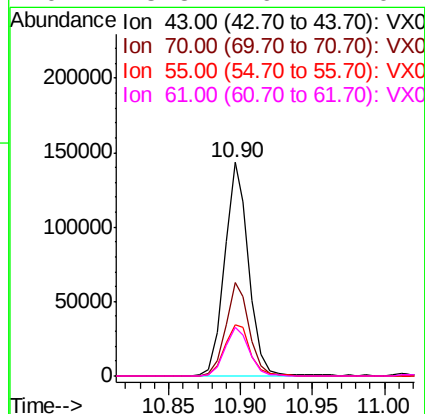
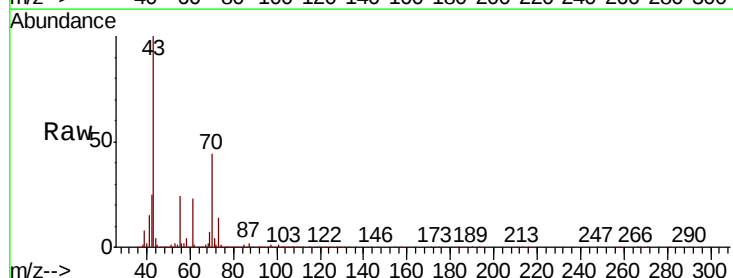
Ion Ratio Lower Upper

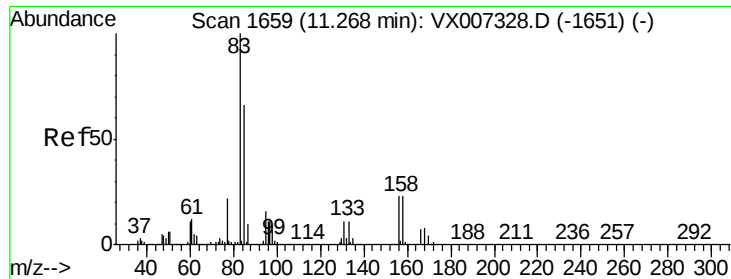
43 100

70 43.0 33.8 50.6

55 26.1 19.5 29.3

61 23.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.412 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

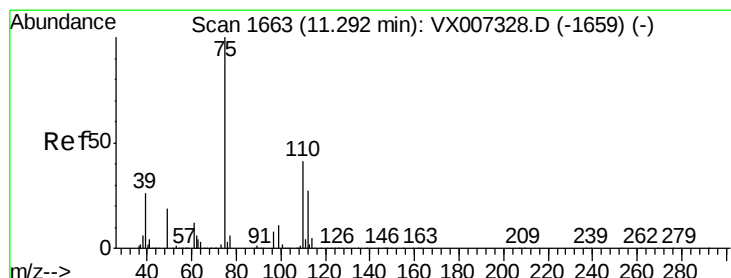
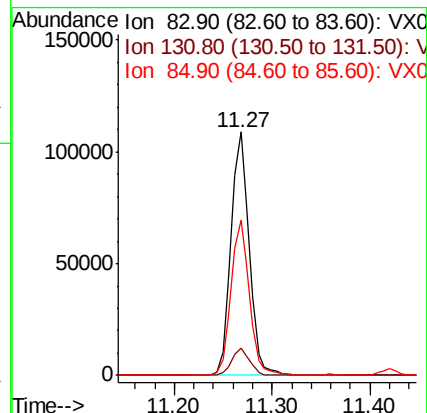
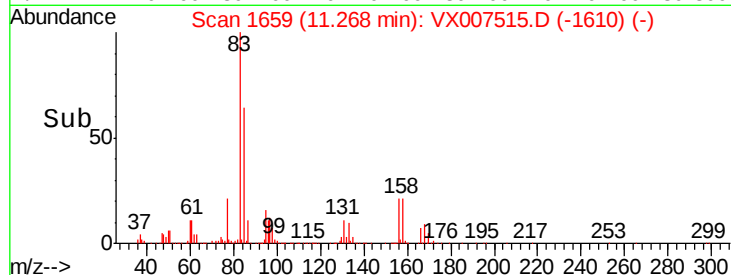
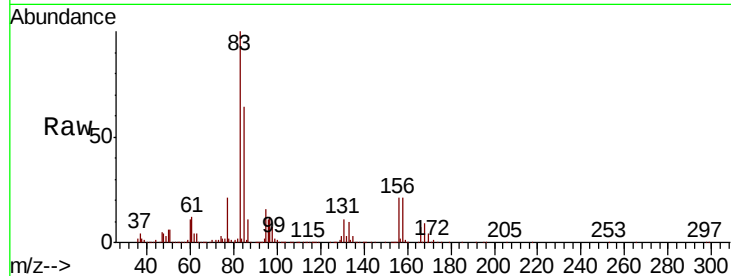
Tgt Ion: 83 Resp: 141386

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

85 64.1 32.8 98.3



#76

1,2,3-Trichloropropane

Concen: 26.268 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007515.D

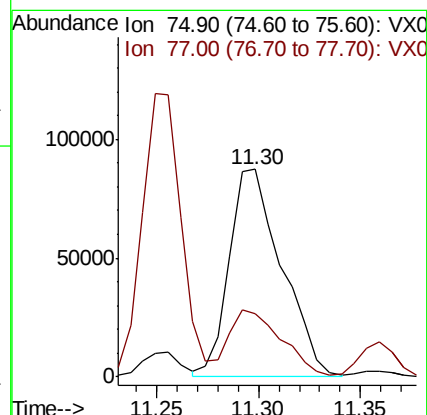
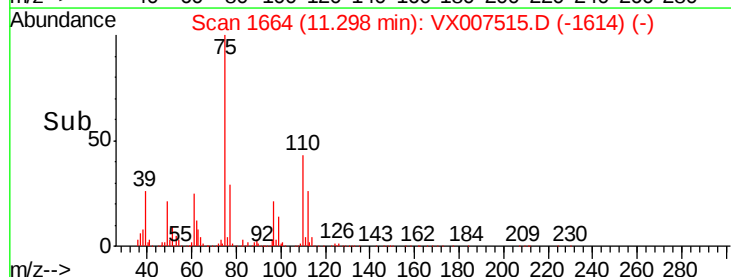
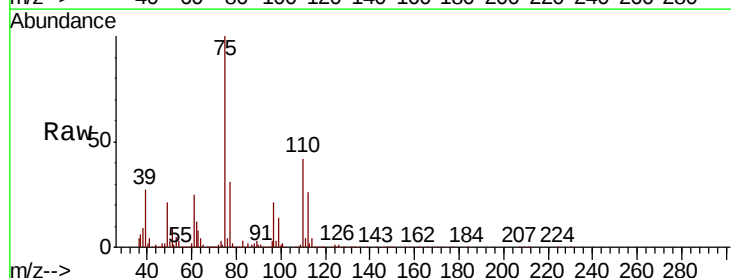
Acq: 13 Feb 2019 12:31

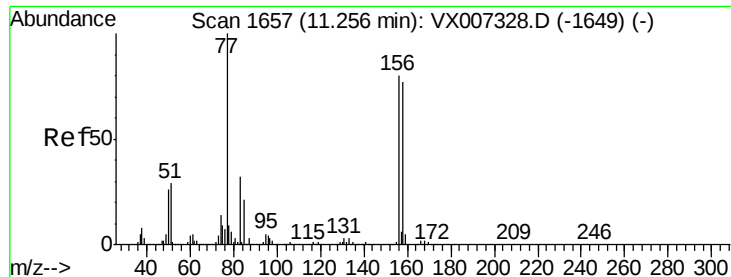
Tgt Ion: 75 Resp: 155636

Ion Ratio Lower Upper

75 100

77 33.2 23.0 69.0





#77

Bromobenzene

Concen: 19.881 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

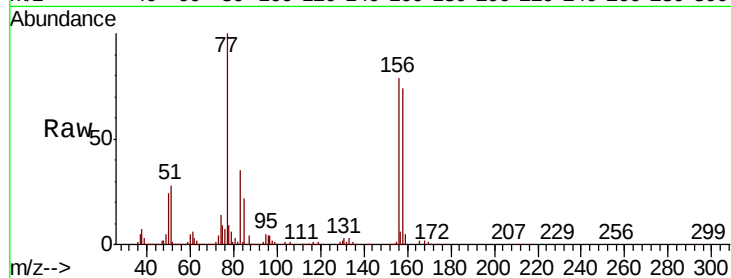
Tgt Ion:156 Resp: 115953

Ion Ratio Lower Upper

156 100

77 136.0 66.8 200.6

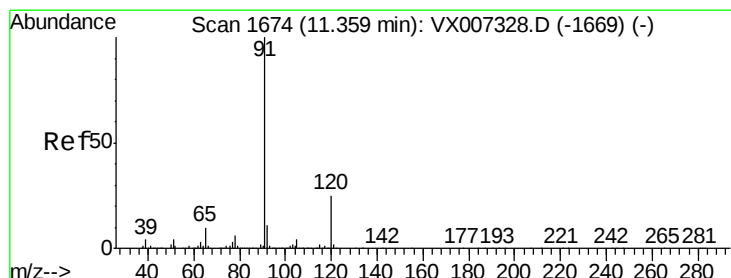
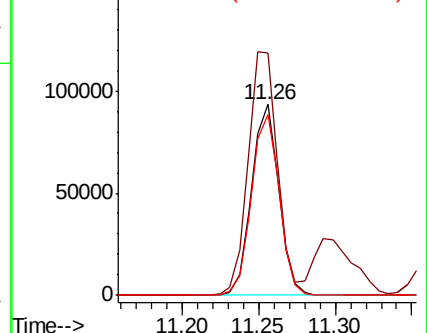
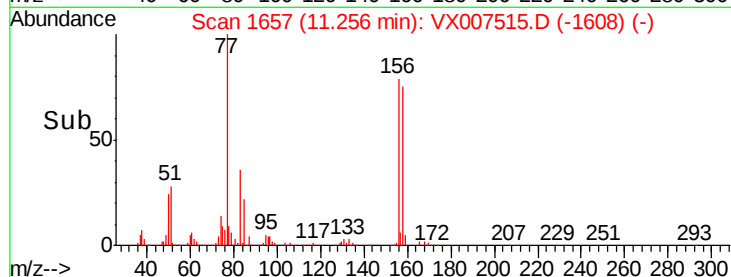
158 96.3 47.9 143.8



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: 20.332 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007515.D

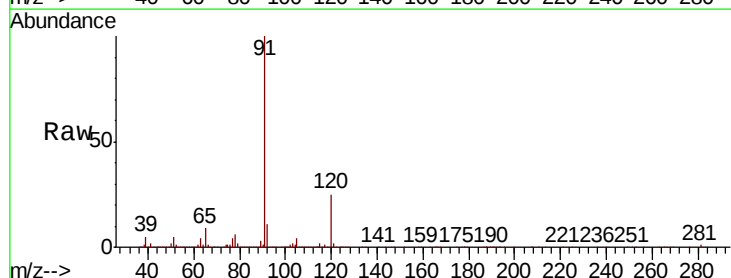
Acq: 13 Feb 2019 12:31

Tgt Ion: 91 Resp: 461515

Ion Ratio Lower Upper

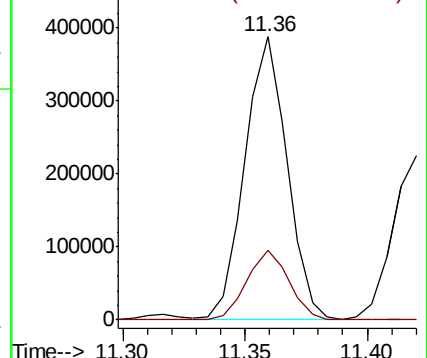
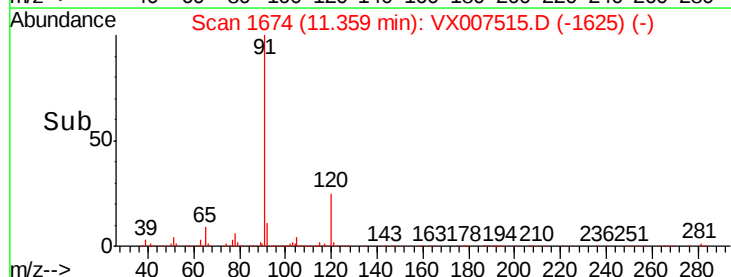
91 100

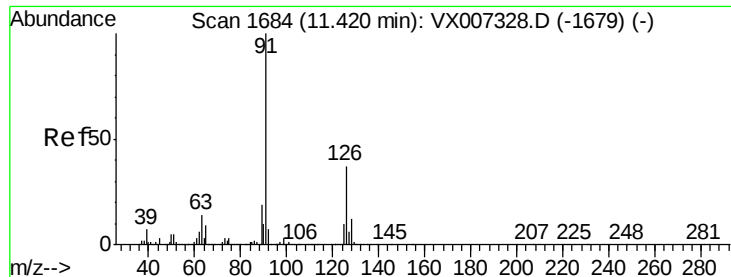
120 25.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.037 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

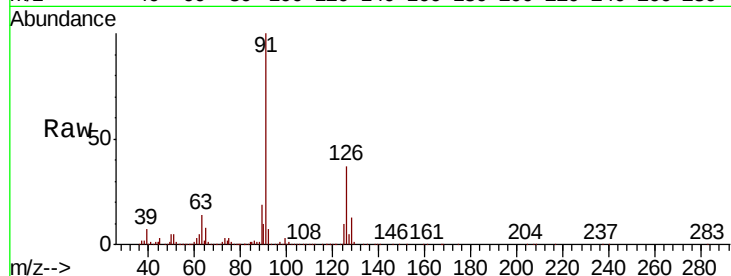
VX0214WBS01

Tgt Ion: 91 Resp: 275973

Ion Ratio Lower Upper

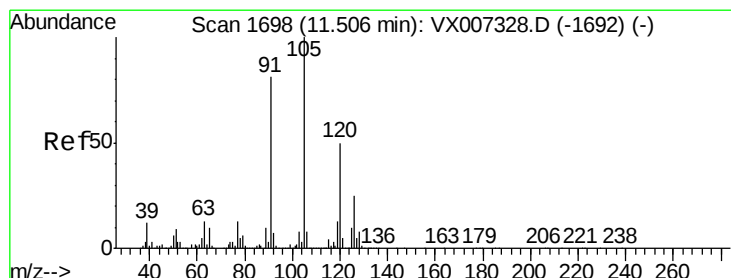
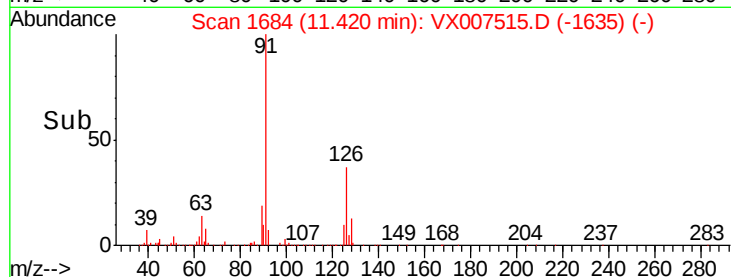
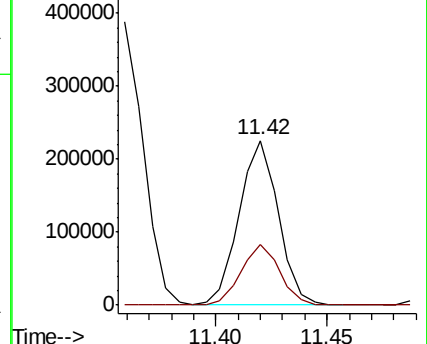
91 100

126 36.9 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.270 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007515.D

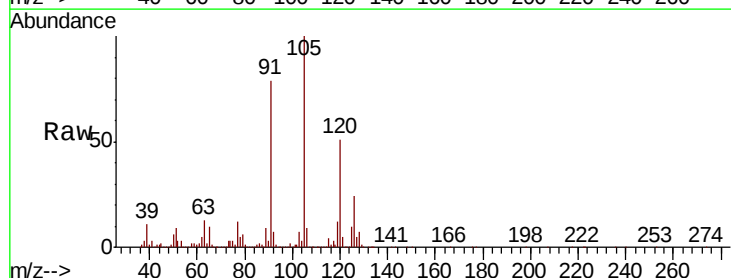
Acq: 13 Feb 2019 12:31

Tgt Ion: 105 Resp: 343263

Ion Ratio Lower Upper

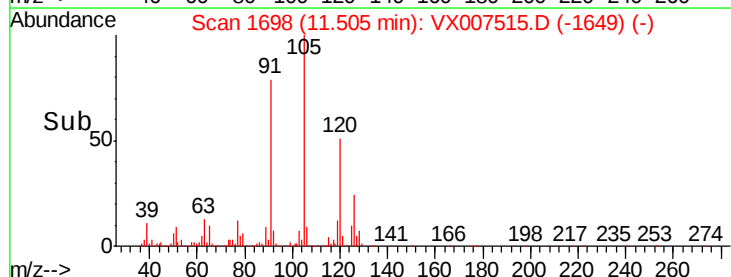
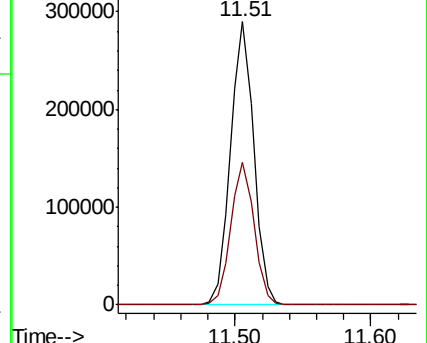
105 100

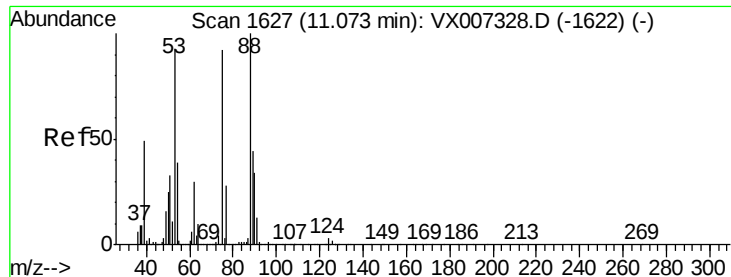
120 50.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

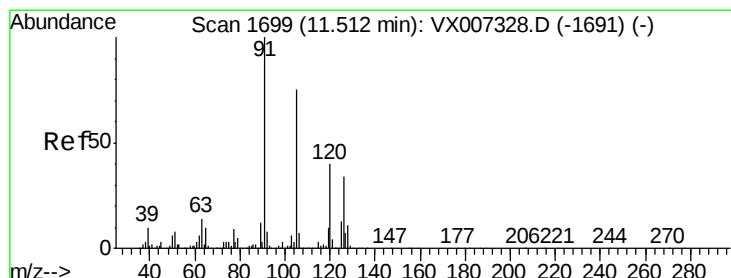
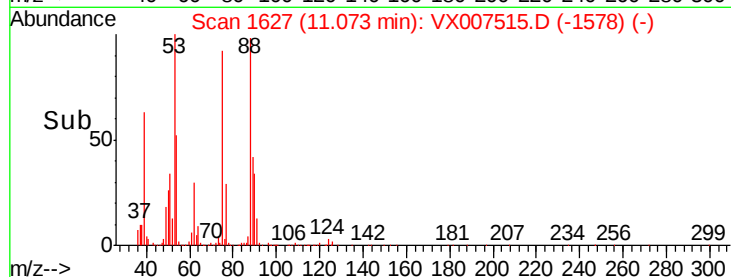
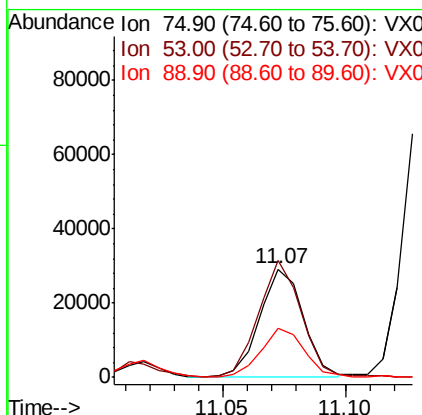
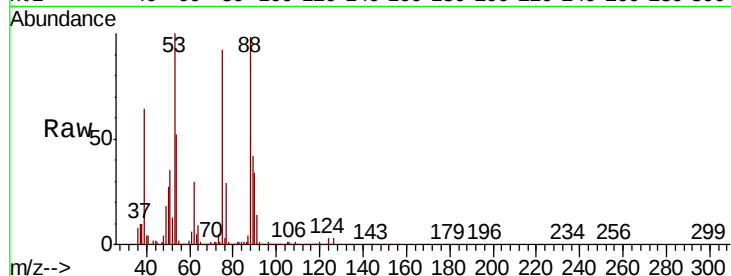




#81
trans-1,4-Dichloro-2-butene
Concen: 21.261 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

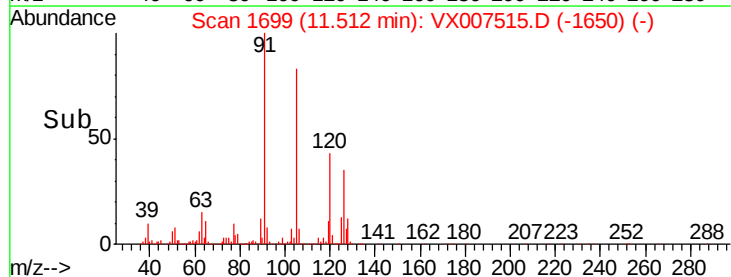
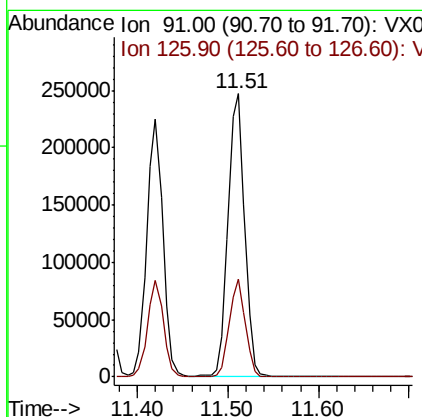
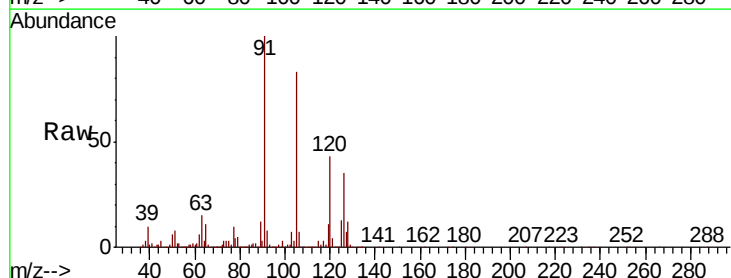
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

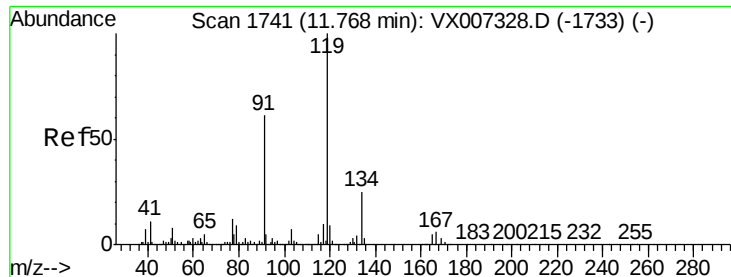
Tgt Ion: 75 Resp: 35666
Ion Ratio Lower Upper
75 100
53 105.4 81.0 121.6
89 46.3 41.4 62.0



#82
4-Chlorotoluene
Concen: 19.706 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion: 91 Resp: 314058
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.5

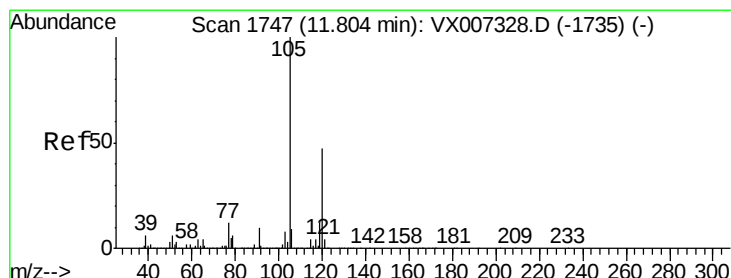
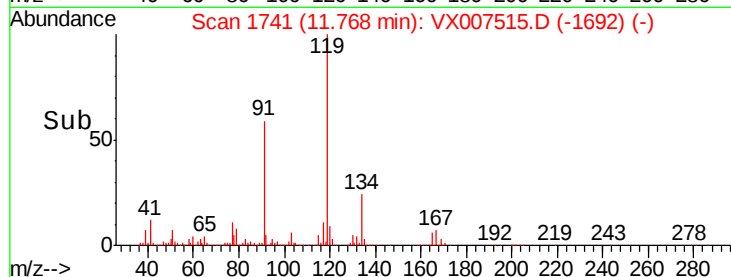
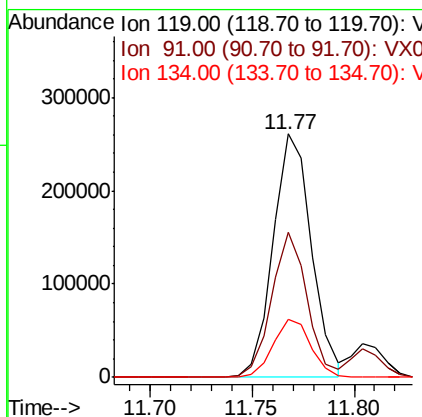
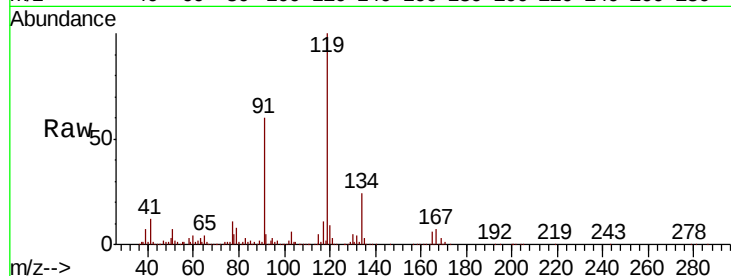




#83
tert-Butylbenzene
Concen: 20.403 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

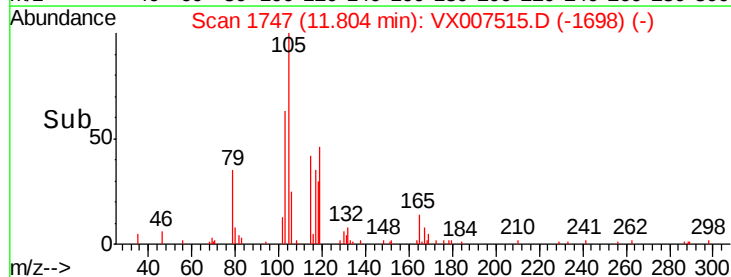
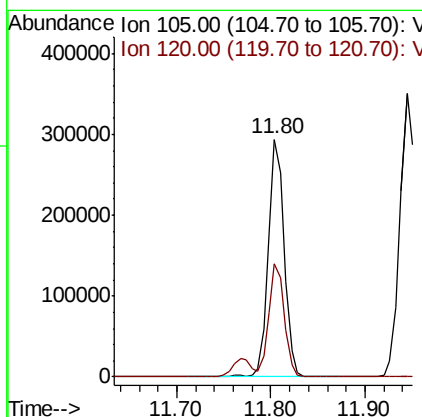
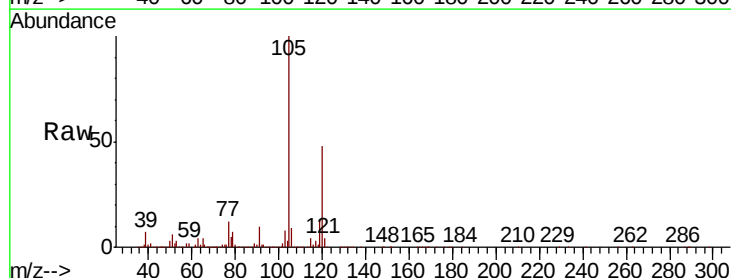
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

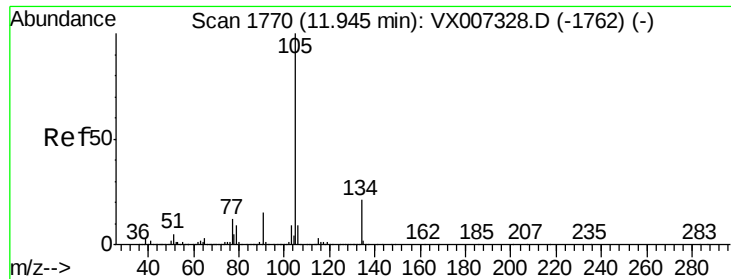
Tgt Ion:119 Resp: 342092
Ion Ratio Lower Upper
119 100
91 55.5 28.5 85.6
134 23.6 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 20.385 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion:105 Resp: 350481
Ion Ratio Lower Upper
105 100
120 46.6 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.459 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

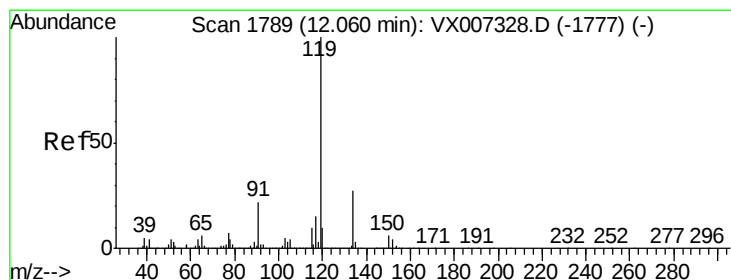
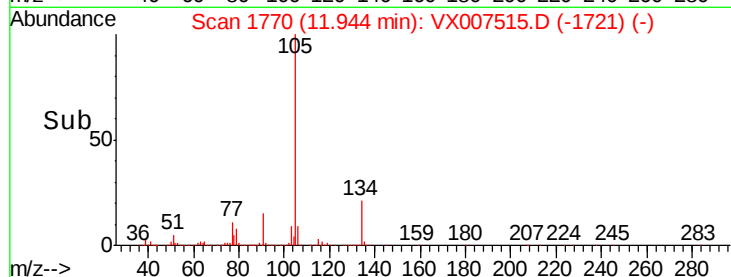
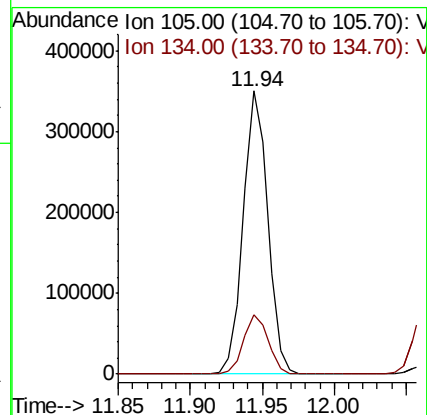
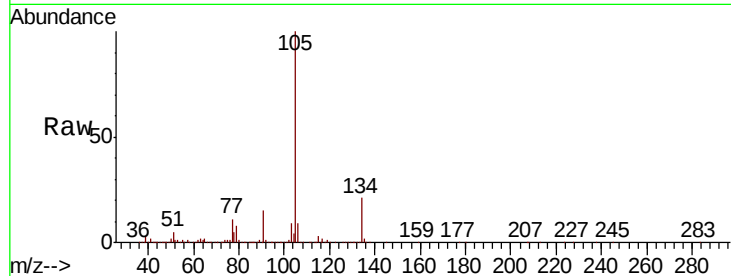
VX0214WBS01

Tgt Ion:105 Resp: 415165

Ion Ratio Lower Upper

105 100

134 21.4 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.952 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

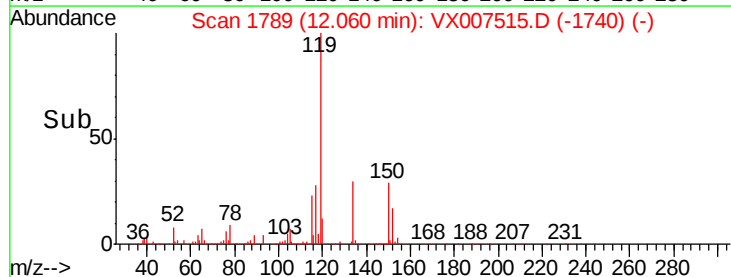
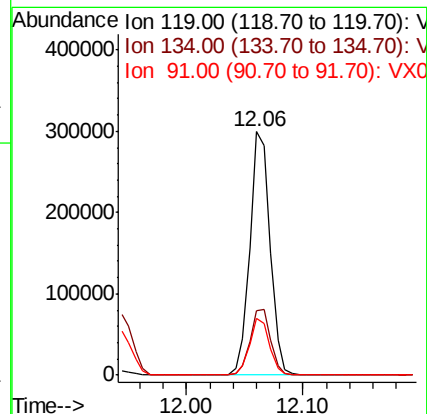
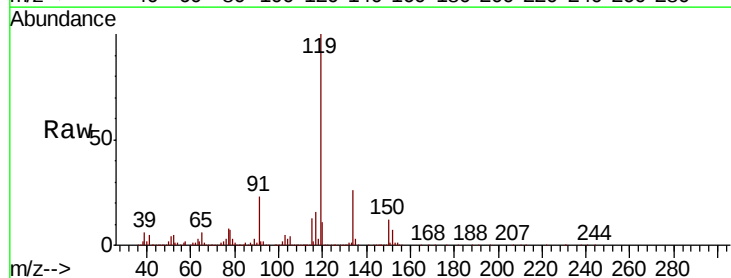
Tgt Ion:119 Resp: 365481

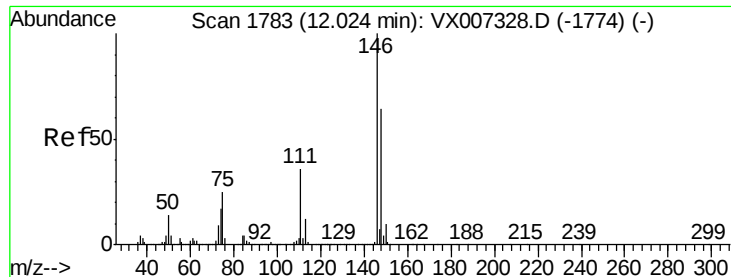
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 22.8 11.2 33.5

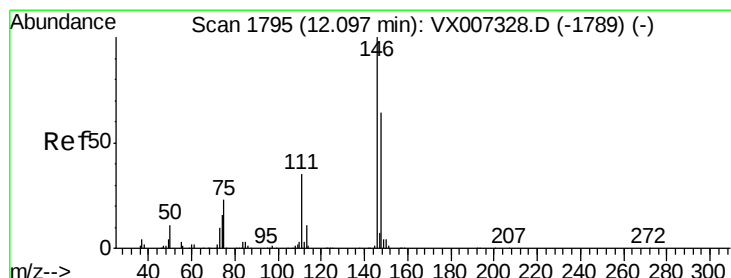
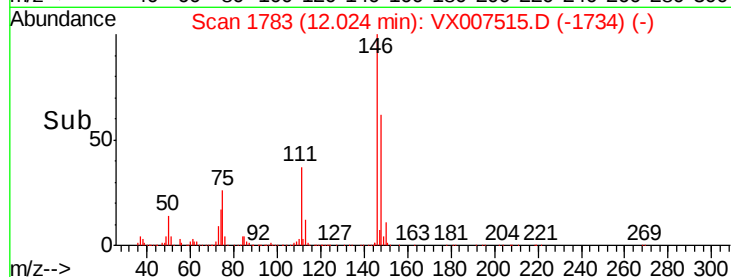
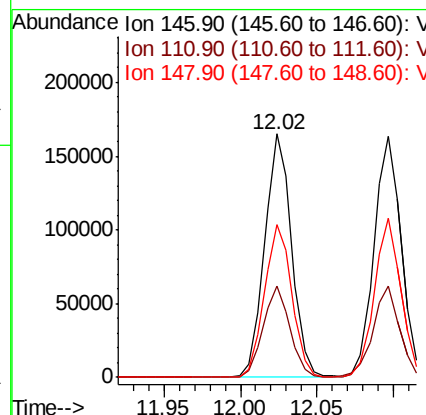
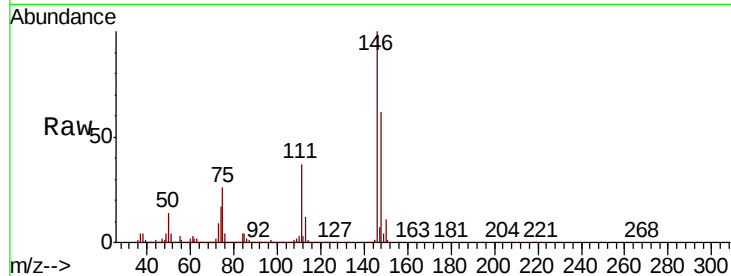




#87
 1,3-Dichlorobenzene
 Concen: 19.421 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

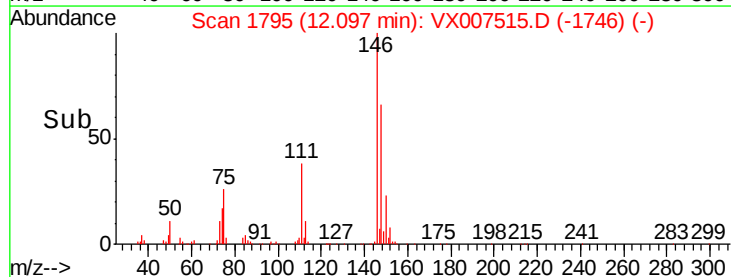
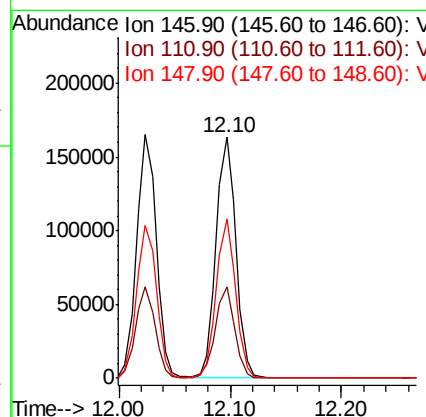
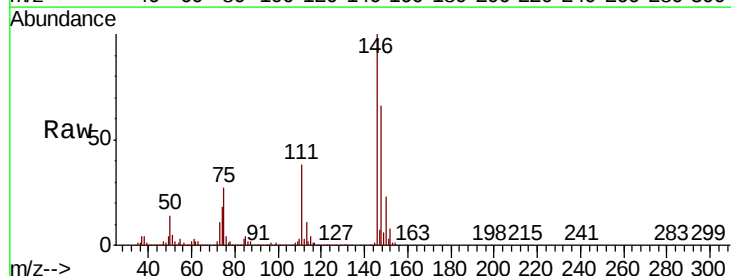
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01

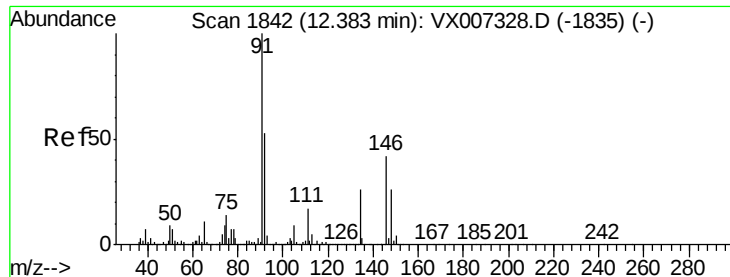
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.1
148	63.8	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.081 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	64.4	32.3	96.9

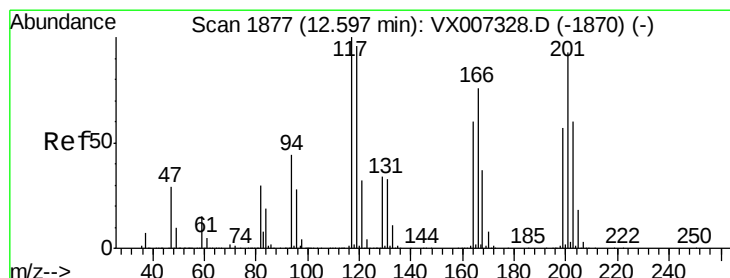
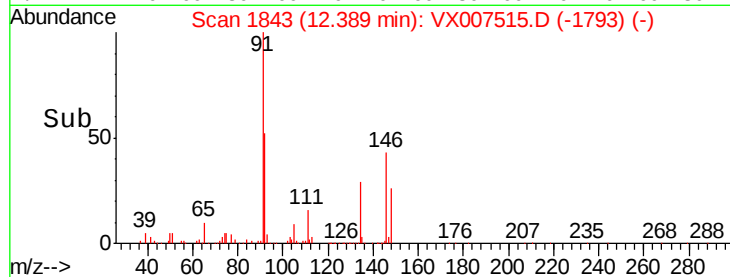
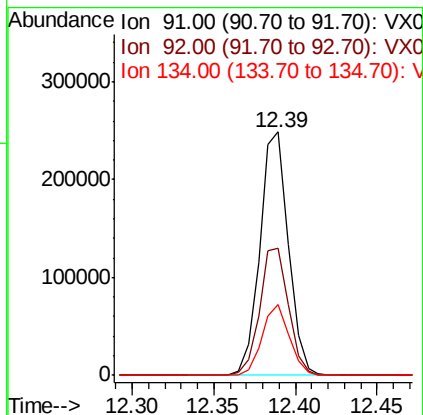
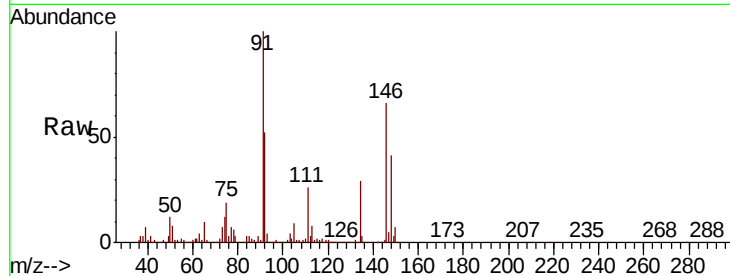




#89
n-Butylbenzene
Concen: 19.081 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

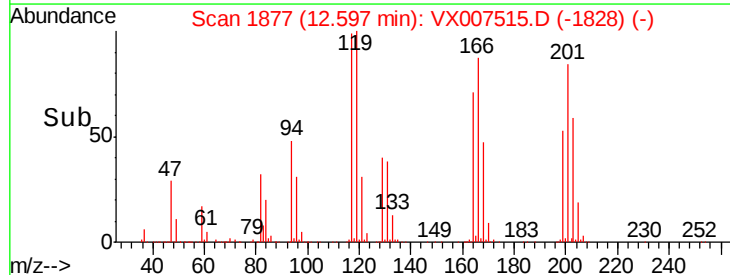
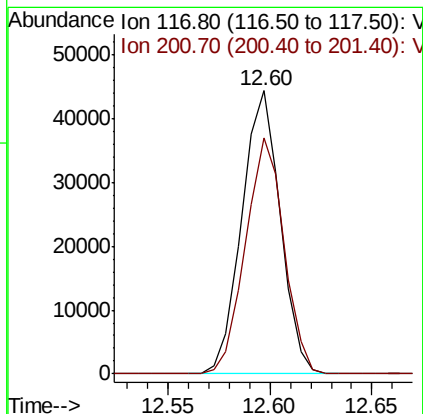
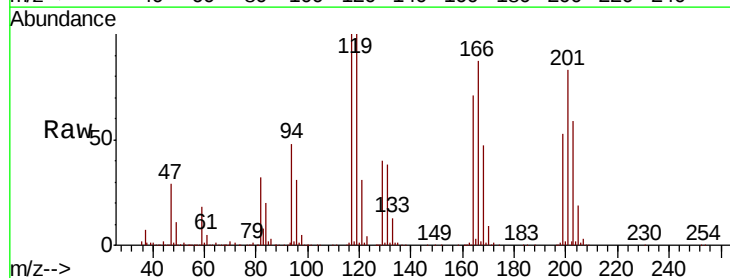
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

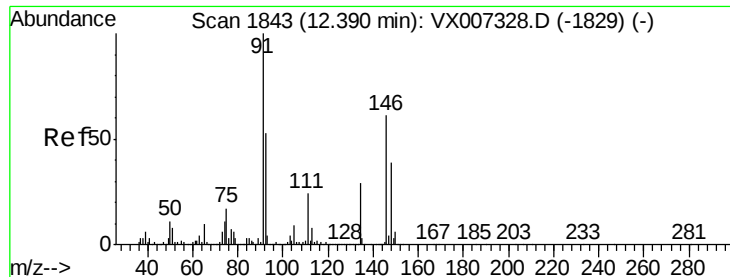
Tgt Ion: 91 Resp: 300684
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 28.0 13.9 41.6



#90
Hexachloroethane
Concen: 21.218 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion: 117 Resp: 58170
Ion Ratio Lower Upper
117 100
201 83.4 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.660 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBS01

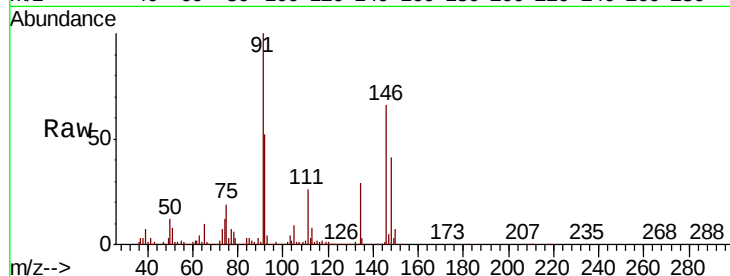
Tgt Ion:146 Resp: 204791

Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.3

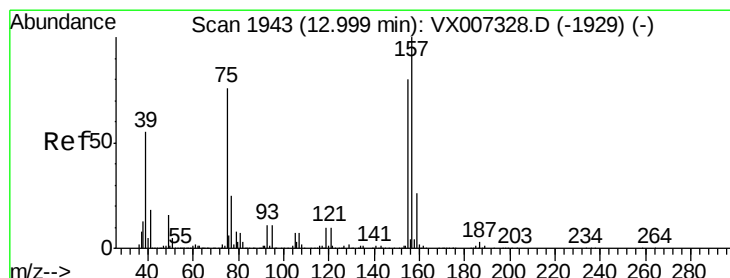
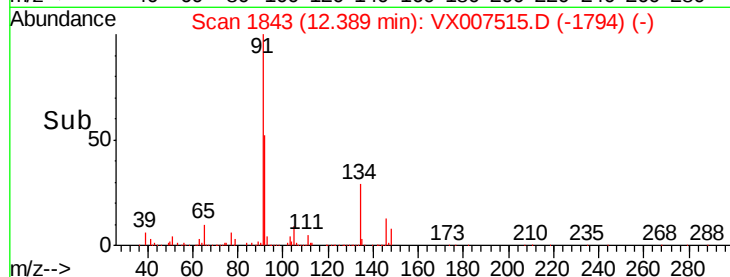
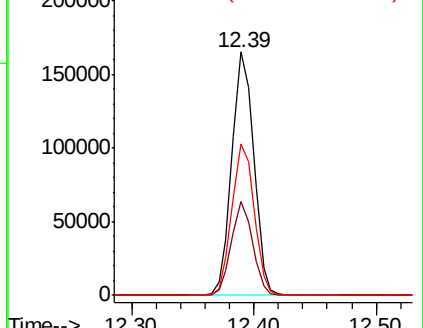
148 62.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.347 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007515.D

Acq: 13 Feb 2019 12:31

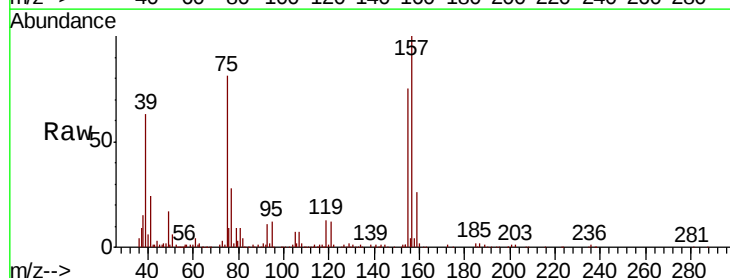
Tgt Ion: 75 Resp: 28001

Ion Ratio Lower Upper

75 100

155 99.4 49.6 149.0

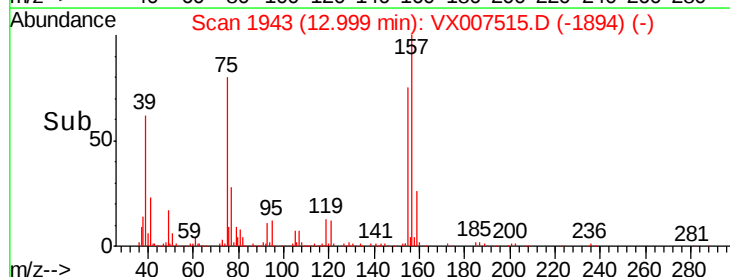
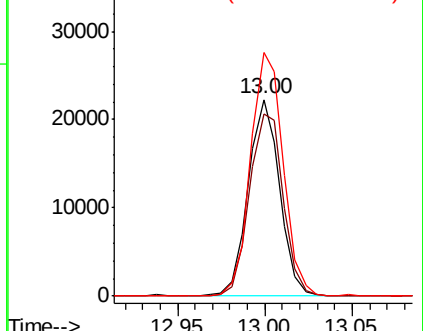
157 128.6 65.1 195.3

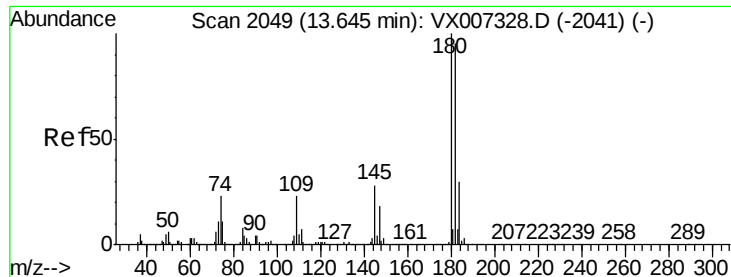


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

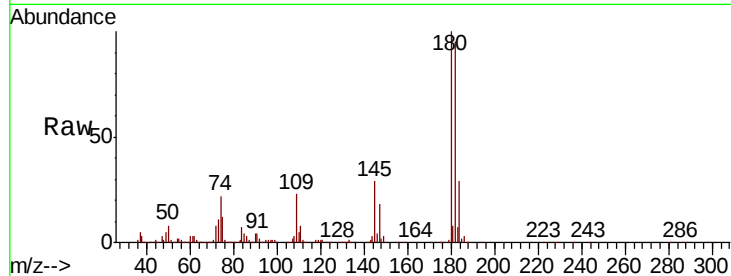




#93
 1,2,4-Trichlorobenzene
 Concen: 18.886 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.8	143.3
145	29.6	14.1	42.2

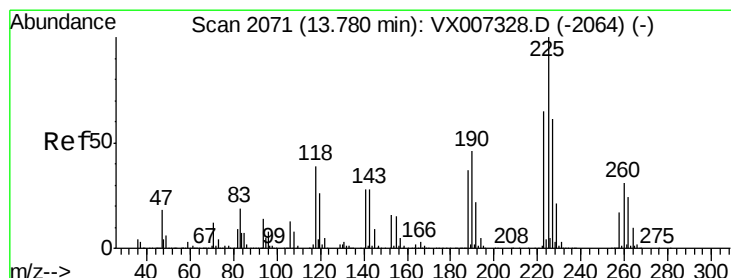
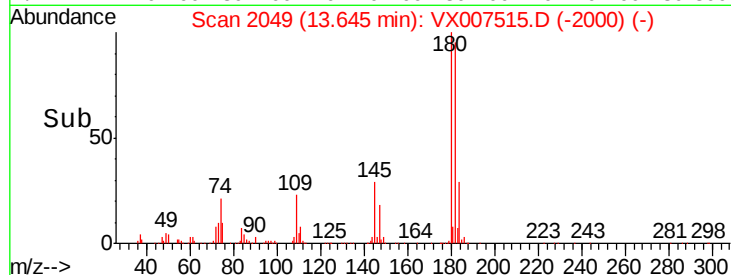
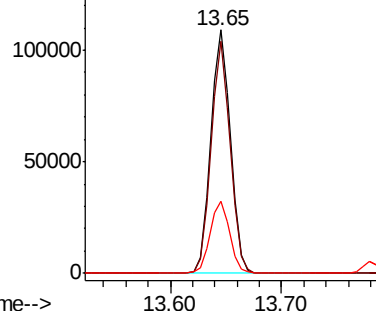


Abundance

Ion 179.80 (179.50 to 180.50): V

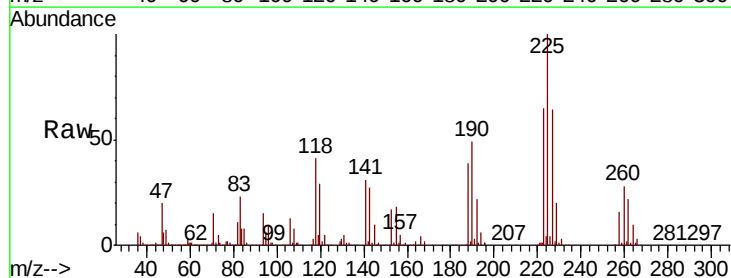
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.008 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007515.D
 Acq: 13 Feb 2019 12:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.6	94.8
227	62.7	32.1	96.3

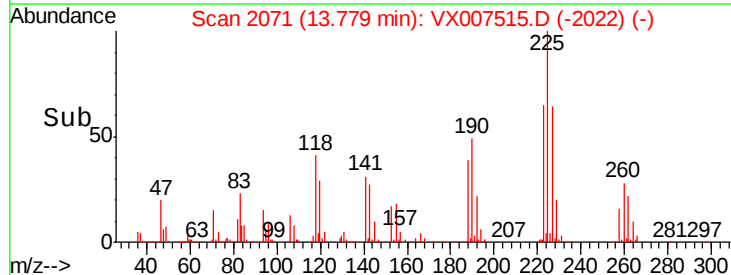
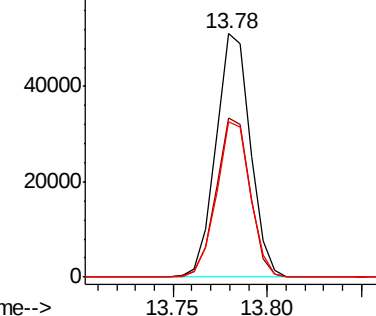


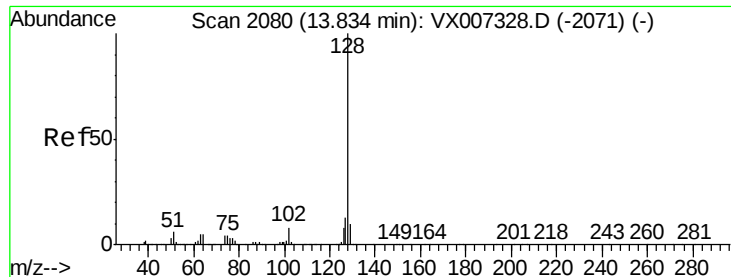
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

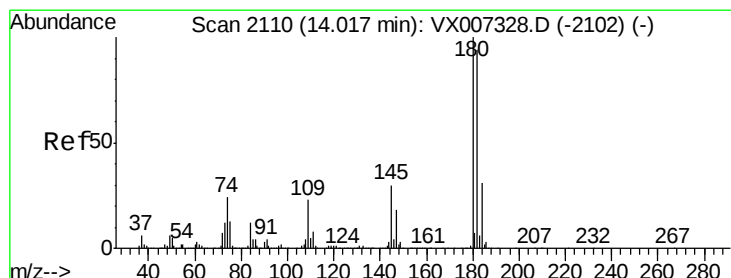
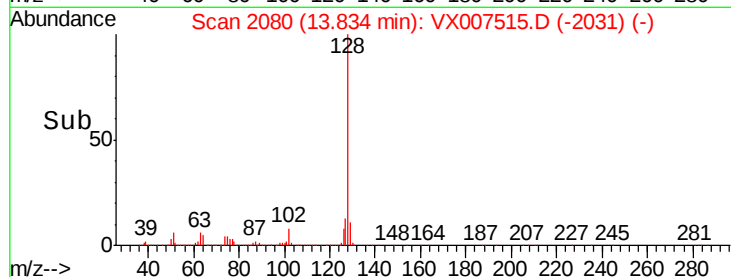
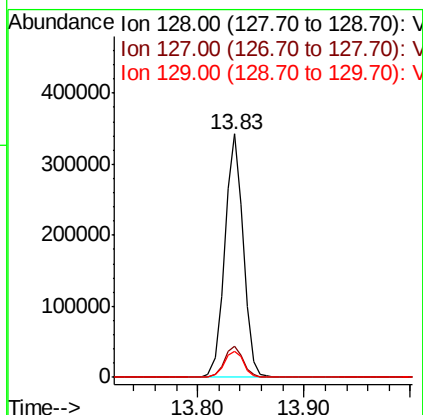
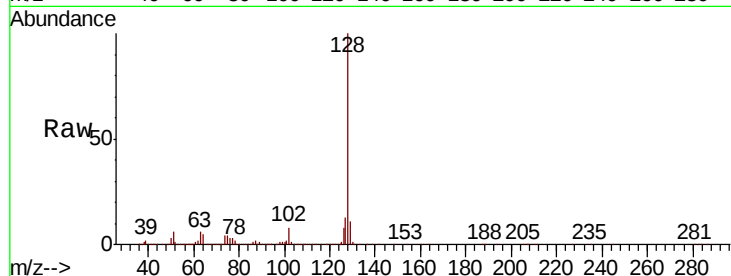




#95
Naphthalene
Concen: 20.151 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBS01

Tgt Ion:128 Resp: 413951
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.755 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007515.D
Acq: 13 Feb 2019 12:31

Tgt Ion:180 Resp: 132618
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.6
145 31.6 14.9 44.5

