

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021519\
 Data File : VX007544.D
 Acq On : 14 Feb 2019 14:35
 Operator : JC/SP
 Sample : VX0215WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

Quant Time: Feb 14 14:54:57 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	437405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	651926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	608314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	312702	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	234915	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	5.50	113	216285	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.71	98	783174	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	281441	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	93352	17.484 ug/l	99
3) Chloromethane	1.33	50	86683	17.594 ug/l	96
4) Vinyl Chloride	1.41	62	90847	18.796 ug/l	100
5) Bromomethane	1.64	94	75752	15.512 ug/l	99
6) Chloroethane	1.73	64	57309	18.329 ug/l	100
7) Trichlorofluoromethane	1.93	101	139312	18.425 ug/l	99
8) Diethyl Ether	2.19	74	51544	18.112 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80448	17.887 ug/l	97
10) Methyl Iodide	2.51	142	101013	15.268 ug/l	99
11) Tert butyl alcohol	3.07	59	103180	107.389 ug/l	99
12) 1,1-Dichloroethene	2.38	96	71729	17.175 ug/l	98
13) Acrolein	2.30	56	34861	77.374 ug/l	98
14) Allyl chloride	2.73	41	128711	18.915 ug/l	99
15) Acrylonitrile	3.15	53	237415	99.887 ug/l	100
16) Acetone	2.45	43	216529	101.815 ug/l	98
17) Carbon Disulfide	2.57	76	169848	17.014 ug/l	99
18) Methyl Acetate	2.78	43	138316	25.259 ug/l	99
19) Methyl tert-butyl Ether	3.20	73	252697	18.677 ug/l	95
20) Methylene Chloride	2.86	84	85201	19.373 ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	76448	17.184 ug/l	100
22) Diisopropyl ether	3.87	45	242575	19.380 ug/l	99
23) Vinyl Acetate	3.82	43	1008481	97.092 ug/l	98
24) 1,1-Dichloroethane	3.70	63	136701	19.017 ug/l	99
25) 2-Butanone	4.70	43	314758	103.999 ug/l	100
26) 2,2-Dichloropropane	4.59	77	98206	17.940 ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	89508	18.420 ug/l	100
28) Bromochloromethane	5.01	49	66129	20.005 ug/l	98
29) Tetrahydrofuran	5.15	42	201757	105.993 ug/l	99
30) Chloroform	5.21	83	146229	19.495 ug/l	98
31) Cyclohexane	5.57	56	111933	17.338 ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	121251	19.151 ug/l	98
36) 1,1-Dichloropropene	5.81	75	100619	17.202 ug/l	99
37) Ethyl Acetate	4.85	43	115590	19.549 ug/l	98
38) Carbon Tetrachloride	5.78	117	103132	18.174 ug/l	98

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 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)
39) Methylcyclohexane	7.46	83	120523	17.030	ug/l	98
40) Benzene	6.14	78	319259	18.529	ug/l	99
41) Methacrylonitrile	5.06	41	62421	19.697	ug/l	95
42) 1,2-Dichloroethane	6.20	62	111225	18.657	ug/l	98
43) Isopropyl Acetate	6.46	43	178575	19.566	ug/l	99
44) Trichloroethene	7.21	130	93337	17.986	ug/l	98
45) 1,2-Dichloropropane	7.52	63	82459	19.100	ug/l	96
46) Dibromomethane	7.66	93	57293	18.260	ug/l	97
47) Bromodichloromethane	7.90	83	100051	18.815	ug/l	98
48) Methyl methacrylate	7.77	41	92567	20.277	ug/l	98
49) 1,4-Dioxane	7.75	88	45754	444.552	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	613593	102.126	ug/l	99
52) Toluene	8.79	92	203721	18.325	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	104782	18.344	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	116880	18.607	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88722	19.146	ug/l	97
56) Ethyl methacrylate	9.18	69	124327	19.371	ug/l	97
57) 1,3-Dichloropropane	9.37	76	137210	18.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	351681	103.959	ug/l	99
59) 2-Hexanone	9.49	43	481108	102.903	ug/l	100
60) Dibromochloromethane	9.58	129	84434	19.265	ug/l	97
61) 1,2-Dibromoethane	9.67	107	92877	18.926	ug/l	100
64) Tetrachloroethene	9.34	164	88996	15.522	ug/l	99
65) Chlorobenzene	10.14	112	234792	17.687	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83132	18.679	ug/l	98
67) Ethyl Benzene	10.25	91	380582	17.803	ug/l	98
68) m/p-Xylenes	10.36	106	301963	35.535	ug/l	99
69) o-Xylene	10.70	106	148911	18.211	ug/l	100
70) Styrene	10.71	104	240769	18.156	ug/l	99
71) Bromoform	10.86	173	62958	18.858	ug/l #	98
73) Isopropylbenzene	11.02	105	395069	18.592	ug/l	99
74) N-amyl acetate	10.90	43	159828	19.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	133931	20.681	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	141875	23.325	ug/l	82
77) Bromobenzene	11.26	156	109057	18.215	ug/l	99
78) n-propylbenzene	11.36	91	434418	18.643	ug/l	100
79) 2-Chlorotoluene	11.42	91	262058	18.534	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	321639	18.501	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33052	19.604	ug/l	95
82) 4-Chlorotoluene	11.51	91	296567	18.127	ug/l	98
83) tert-Butylbenzene	11.77	119	320912	18.645	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	331608	18.788	ug/l	100
85) sec-Butylbenzene	11.94	105	390430	18.742	ug/l	100
86) p-Isopropyltoluene	12.06	119	343189	18.250	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	190583	17.737	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	188263	17.270	ug/l	98
89) n-Butylbenzene	12.39	91	285952	17.677	ug/l	99
90) Hexachloroethane	12.60	117	53571	19.034	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	196442	18.370	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27621	20.512	ug/l	96

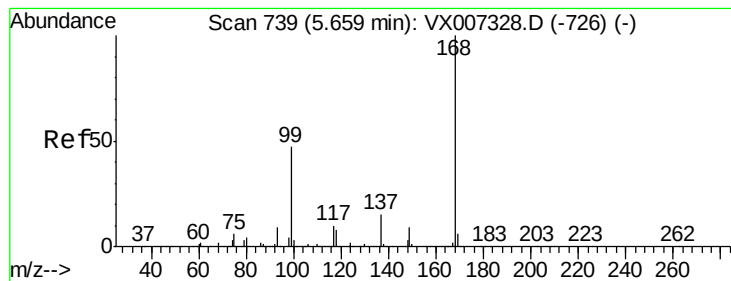
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX021519\
Data File : VX007544.D
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124952	17.327	ug/l	100
94) Hexachlorobutadiene	13.78	225	61735	17.630	ug/l	98
95) Naphthalene	13.83	128	398862	18.913	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	126546	17.433	ug/l	99

(#) = 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: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

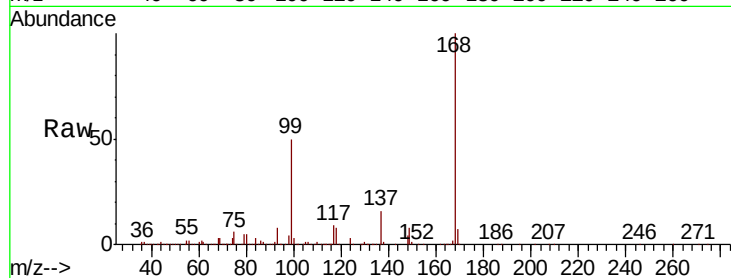
VX0215WBSD01

Tgt Ion:168 Resp: 437405

Ion Ratio Lower Upper

168 100

99 49.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

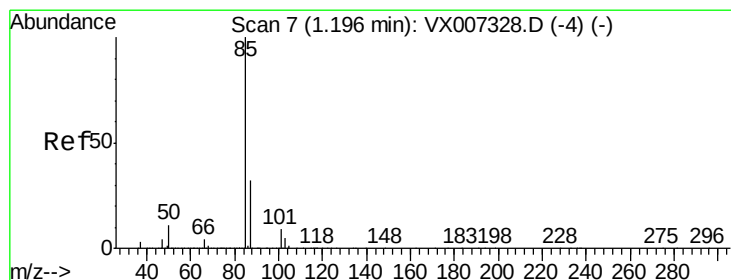
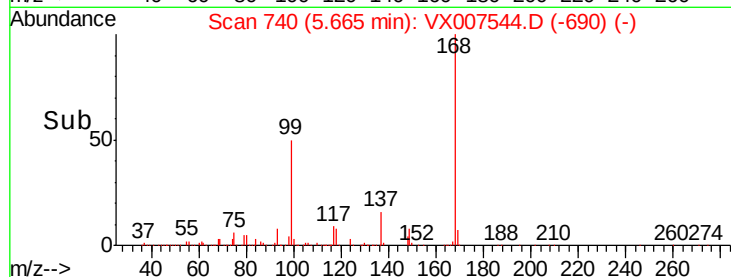
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.484 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007544.D

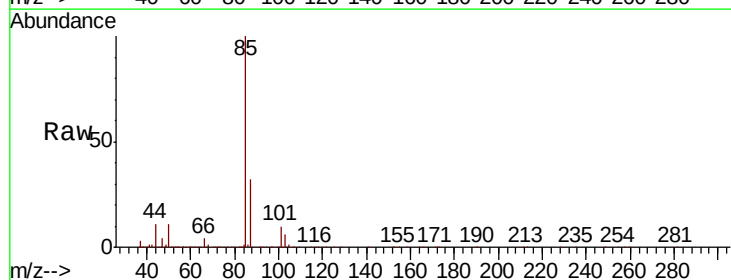
Acq: 14 Feb 2019 14:35

Tgt Ion: 85 Resp: 93352

Ion Ratio Lower Upper

85 100

87 31.9 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

80000

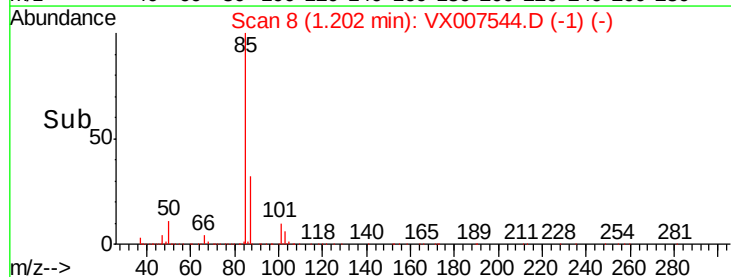
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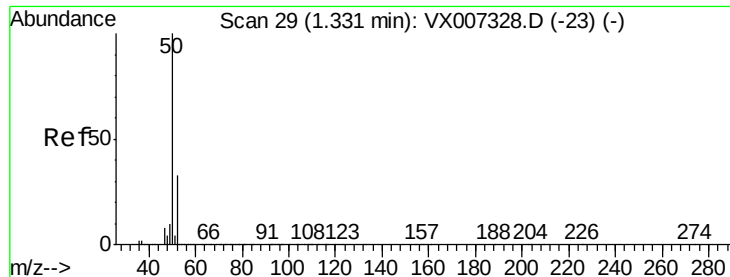
40000

20000

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Time-->





#3

Chloromethane

Concen: 17.594 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

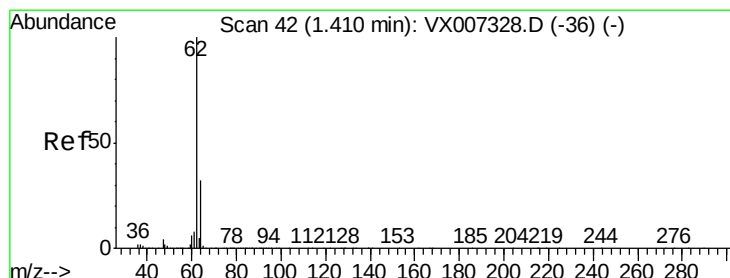
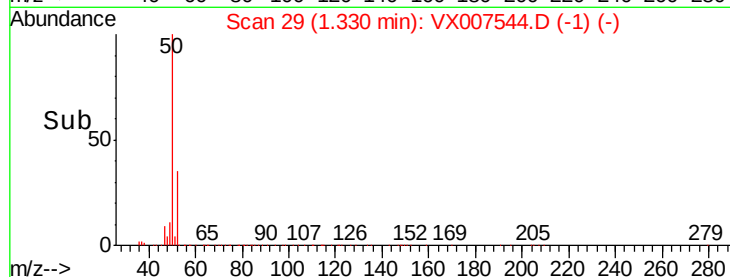
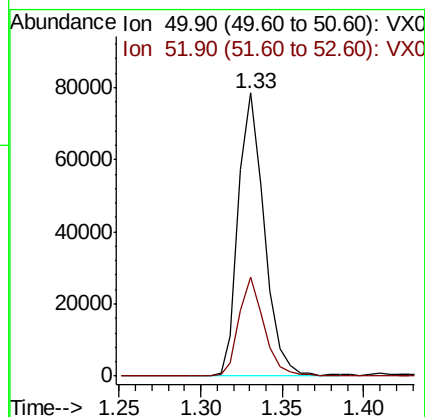
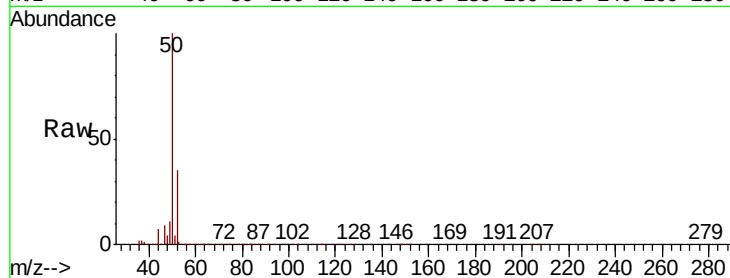
VX0215WBSD01

Tgt Ion: 50 Resp: 86683

Ion Ratio Lower Upper

50 100

52 34.8 26.1 39.1



#4

Vinyl Chloride

Concen: 18.796 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007544.D

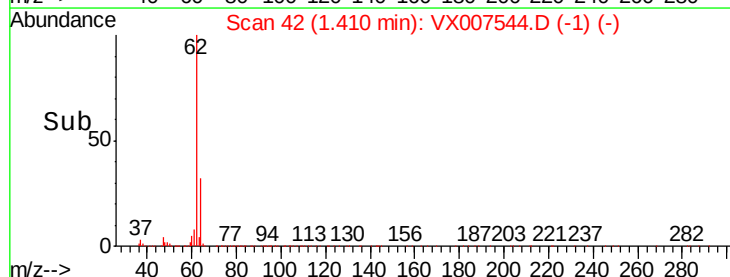
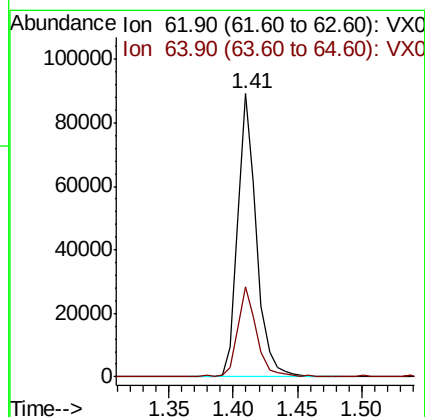
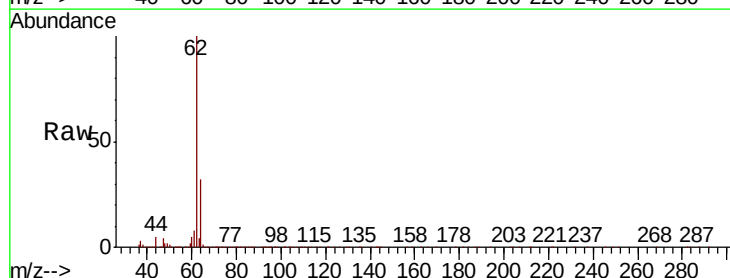
Acq: 14 Feb 2019 14:35

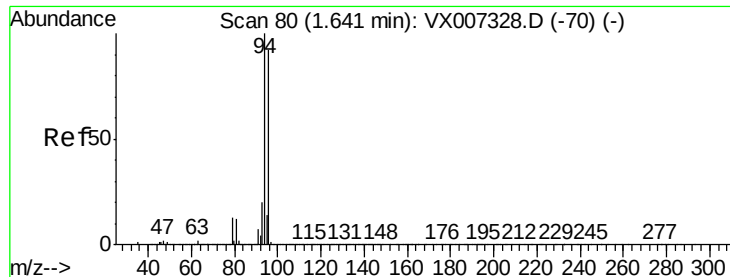
Tgt Ion: 62 Resp: 90847

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 15.512 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

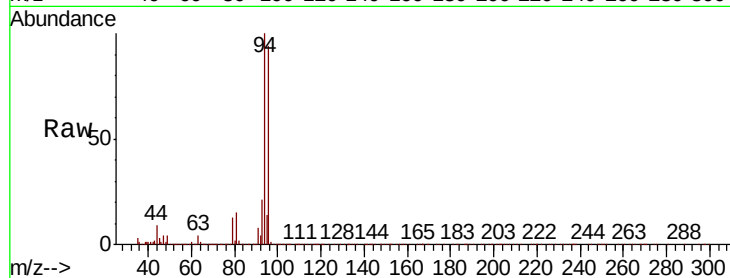
VX0215WBSD01

Tgt Ion: 94 Resp: 75752

Ion Ratio Lower Upper

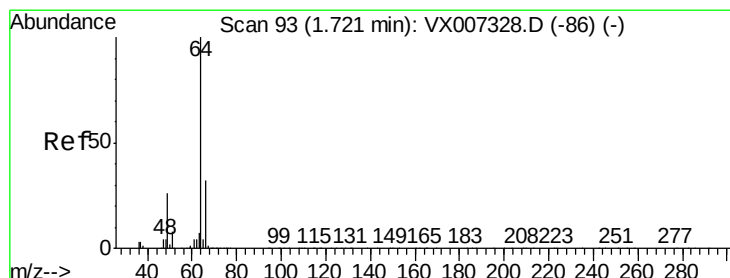
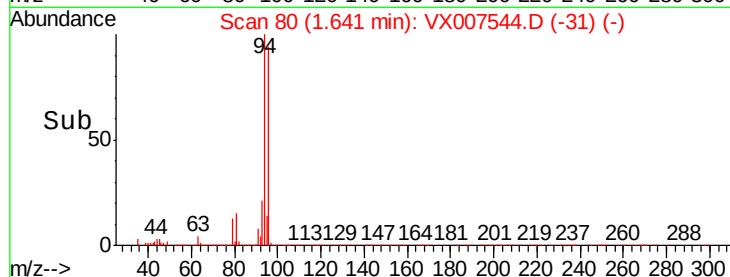
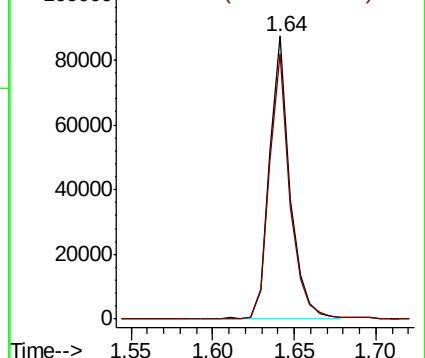
94 100

96 93.5 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: 18.329 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007544.D

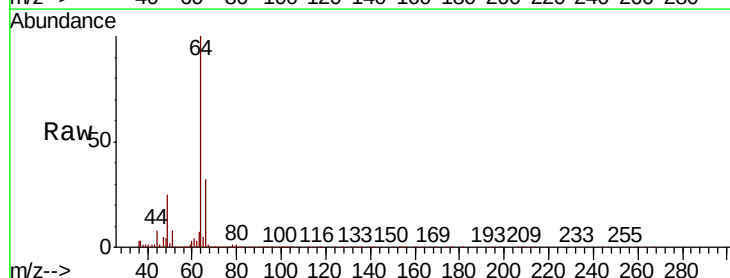
Acq: 14 Feb 2019 14:35

Tgt Ion: 64 Resp: 57309

Ion Ratio Lower Upper

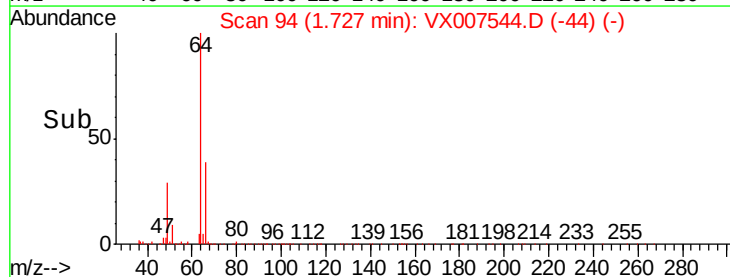
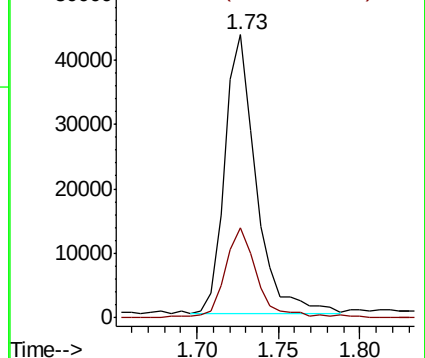
64 100

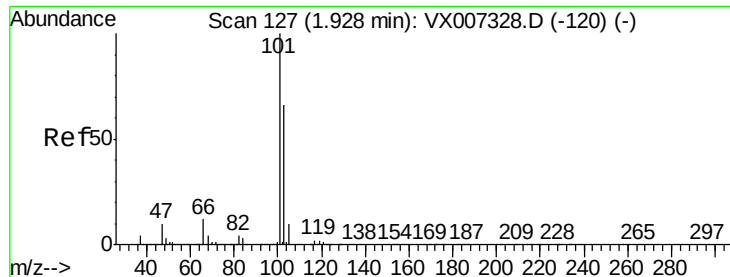
66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



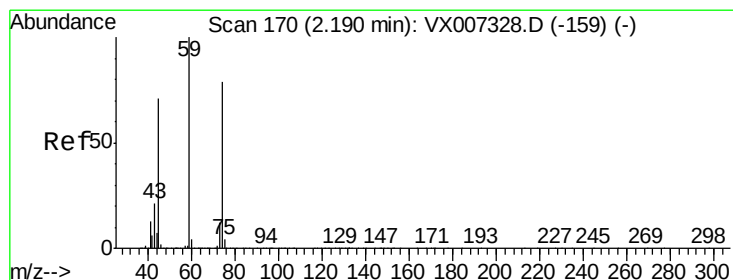
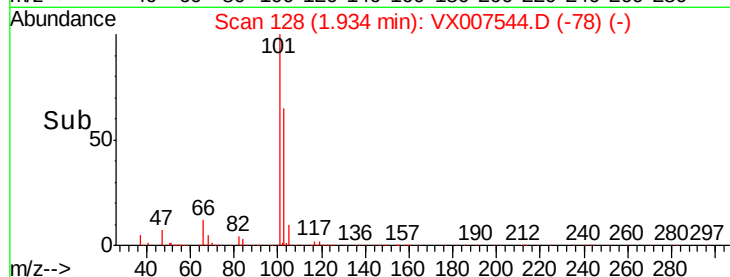
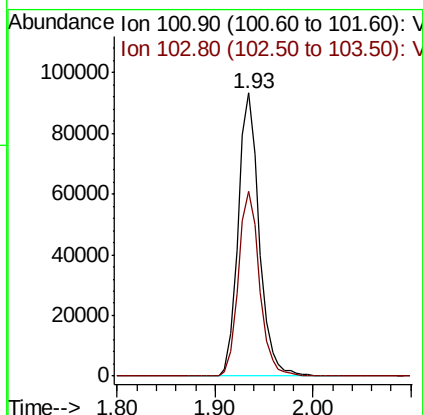
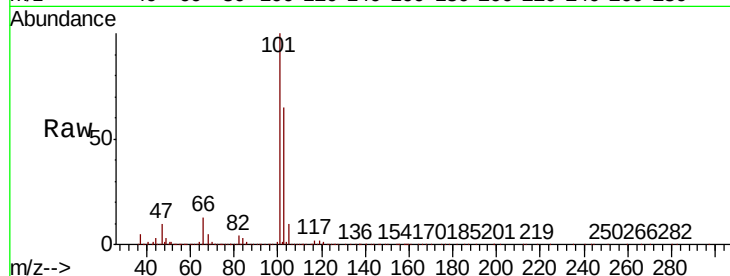


#7

Trichlorofluoromethane
 Concen: 18.425 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

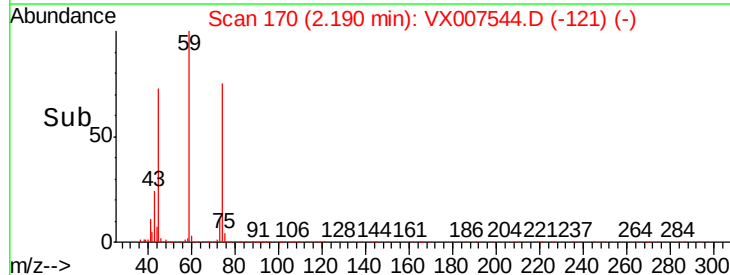
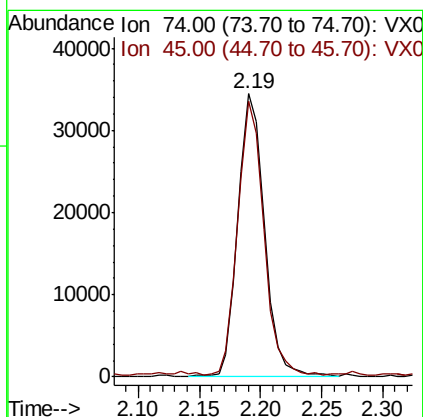
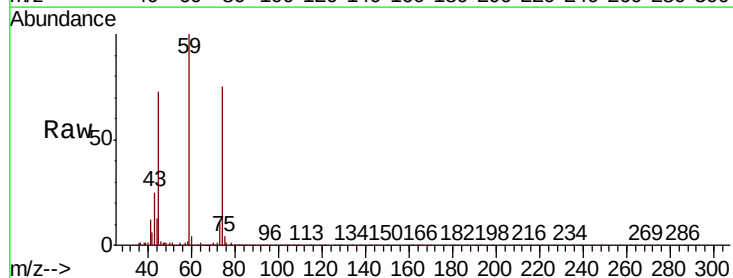
Tgt Ion:101 Resp: 139312
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.6 79.0

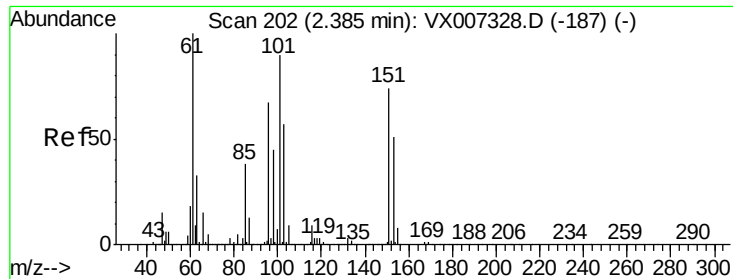


#8

Diethyl Ether
 Concen: 18.112 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion: 74 Resp: 51544
 Ion Ratio Lower Upper
 74 100
 45 94.9 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.887 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

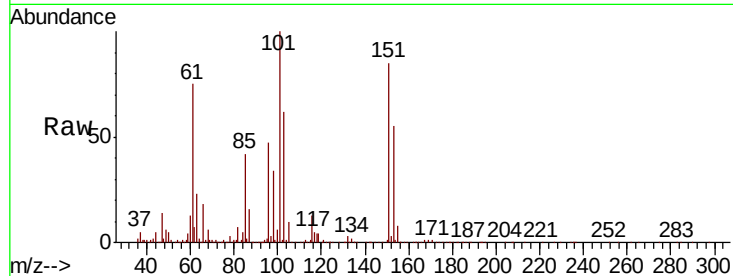
Tgt Ion:101 Resp: 80448

Ion Ratio Lower Upper

101 100

85 44.7 34.1 51.1

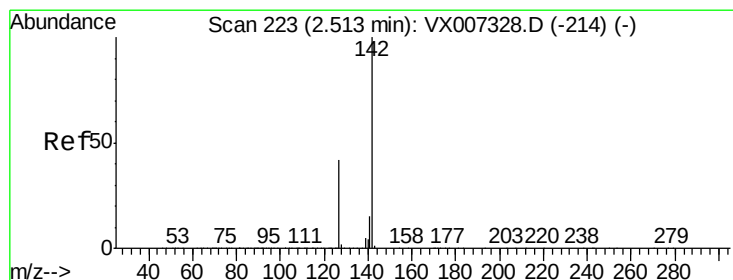
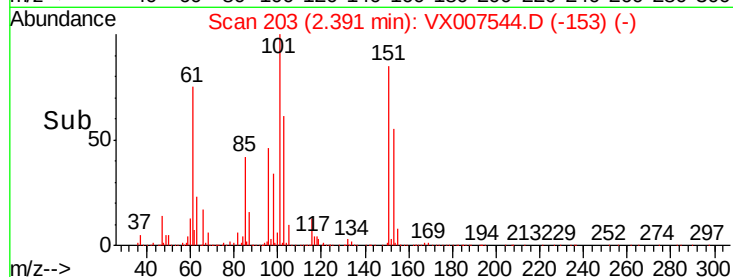
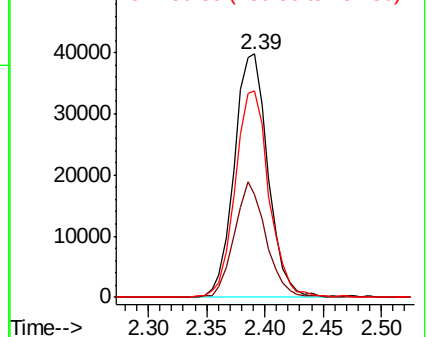
151 85.1 69.9 104.9



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: 15.268 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

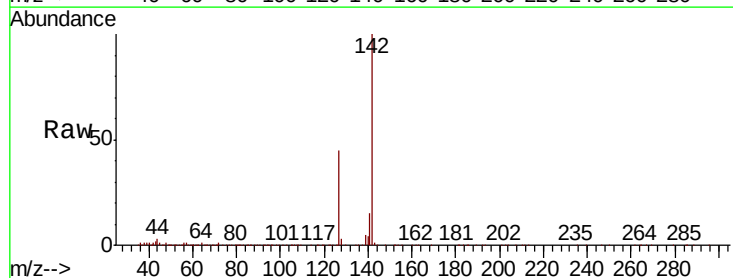
Tgt Ion:142 Resp: 101013

Ion Ratio Lower Upper

142 100

127 42.4 33.7 50.5

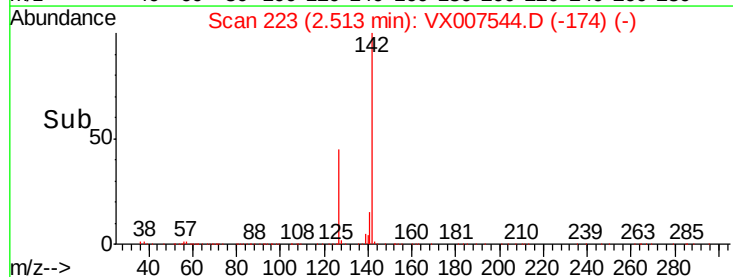
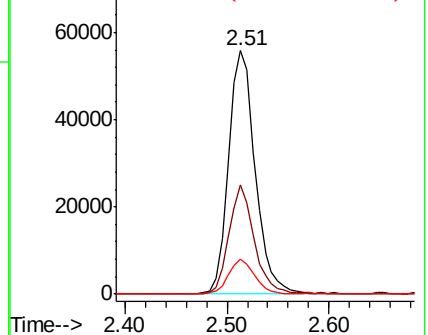
141 14.4 11.3 16.9

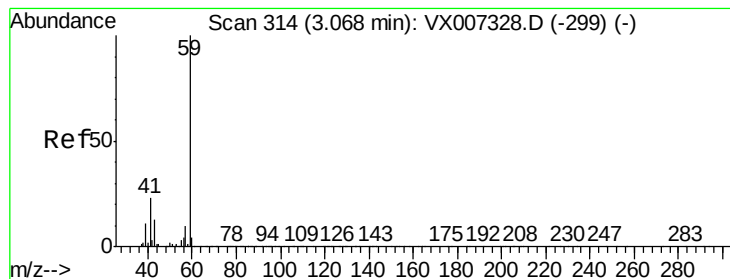


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



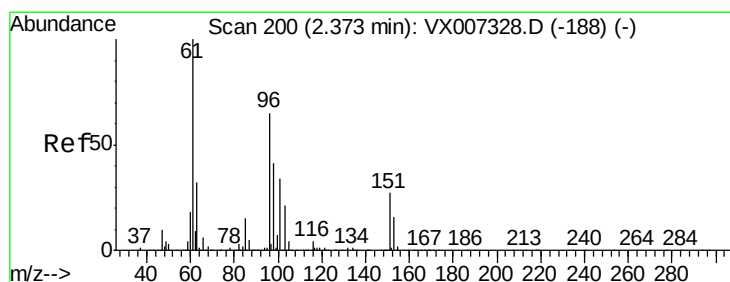
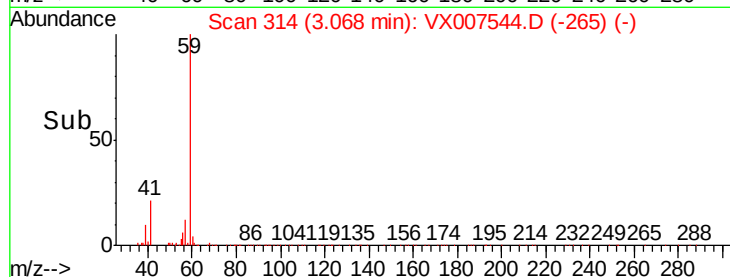
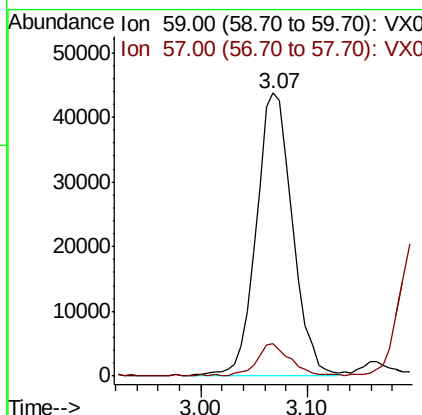
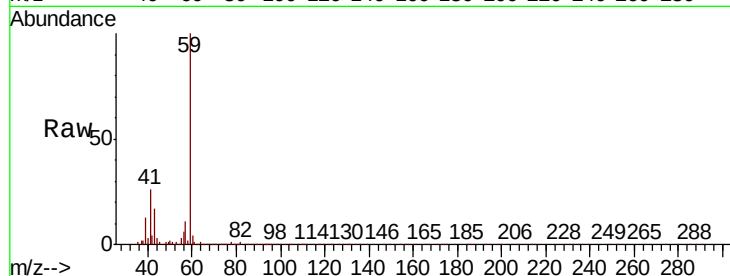


#11

Tert butyl alcohol
Concen: 107.389 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
VX0215WBSD01

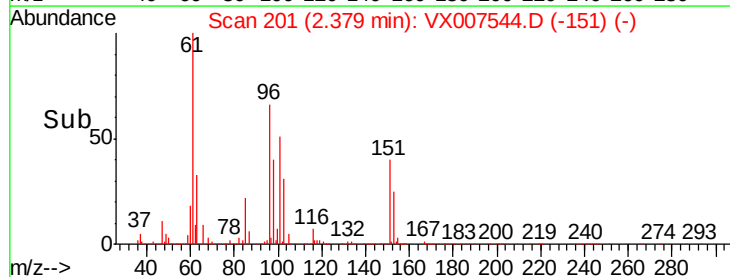
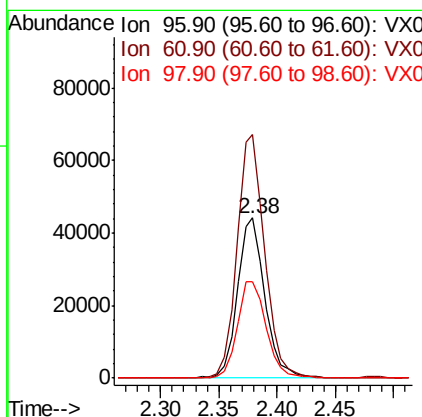
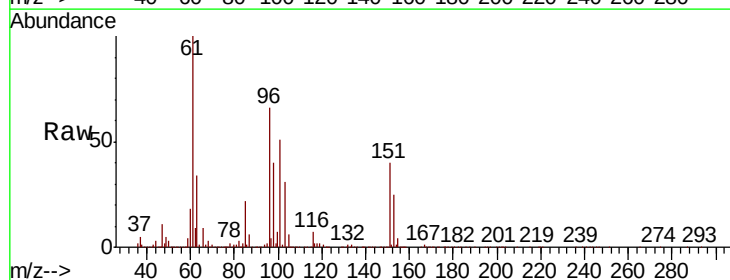
Tgt Ion: 59 Resp: 103180
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

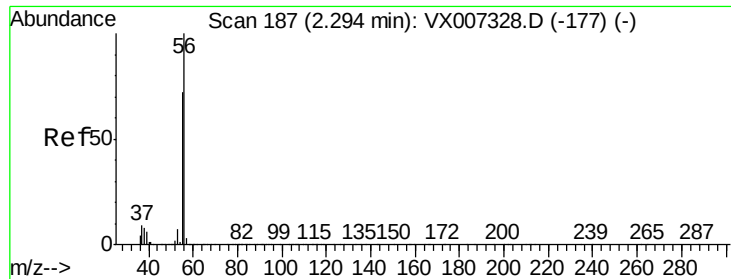


#12

1,1-Dichloroethene
Concen: 17.175 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 96 Resp: 71729
Ion Ratio Lower Upper
96 100
61 151.9 123.0 184.4
98 60.3 50.9 76.3





#13

Acrolein

Concen: 77.374 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

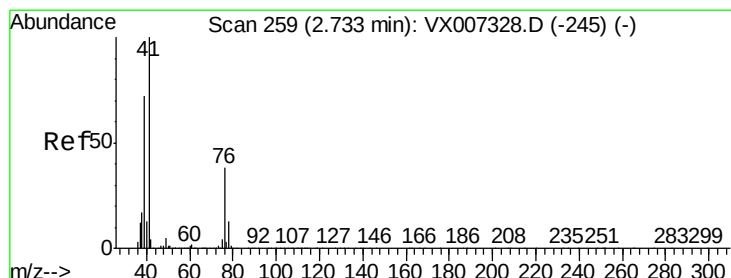
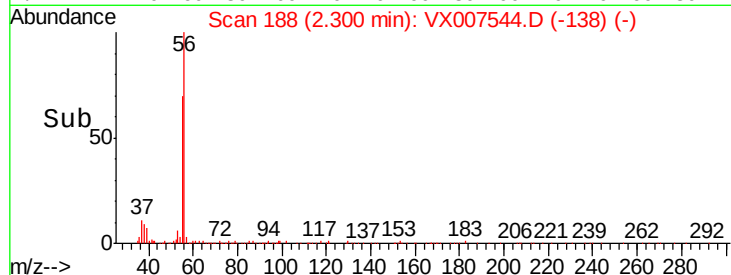
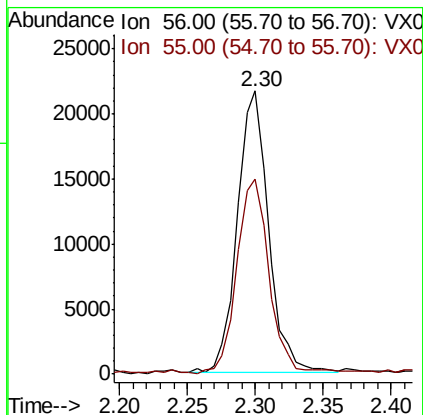
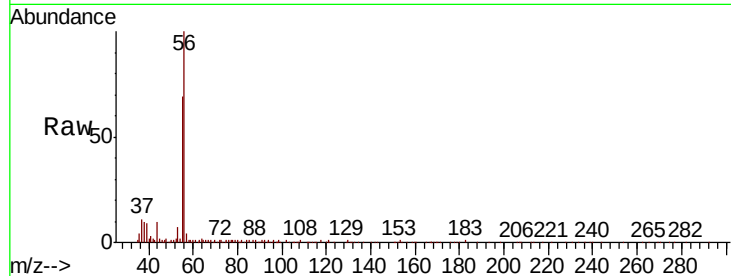
VX0215WBSD01

Tgt Ion: 56 Resp: 34861

Ion Ratio Lower Upper

56 100

55 73.0 56.9 85.3



#14

Allyl chloride

Concen: 18.915 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

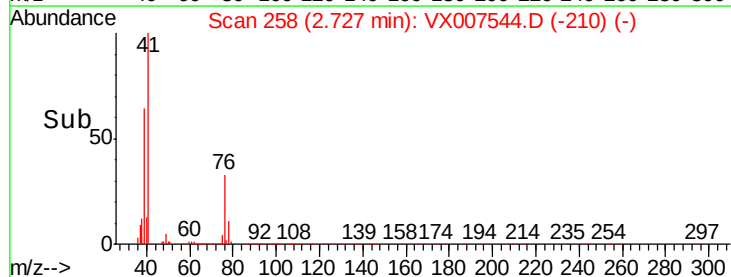
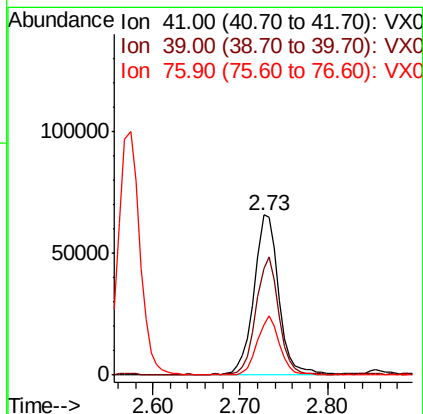
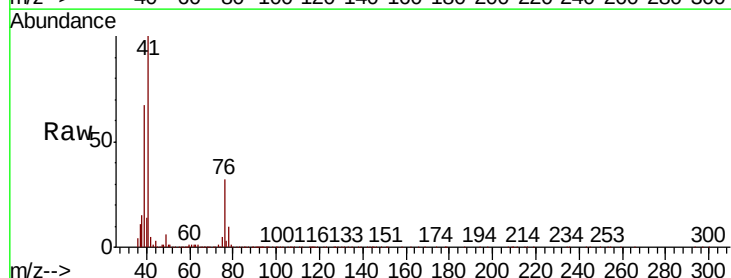
Tgt Ion: 41 Resp: 128711

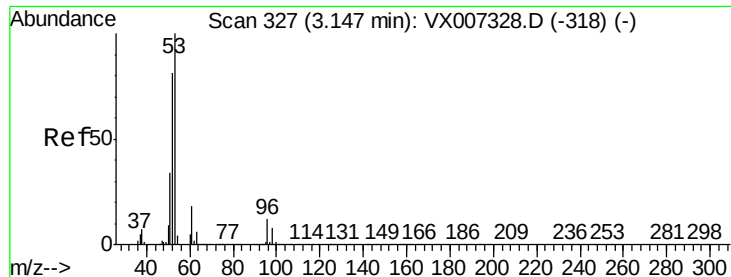
Ion Ratio Lower Upper

41 100

39 67.9 54.1 81.1

76 33.1 27.8 41.8





#15

Acrylonitrile

Concen: 99.887 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

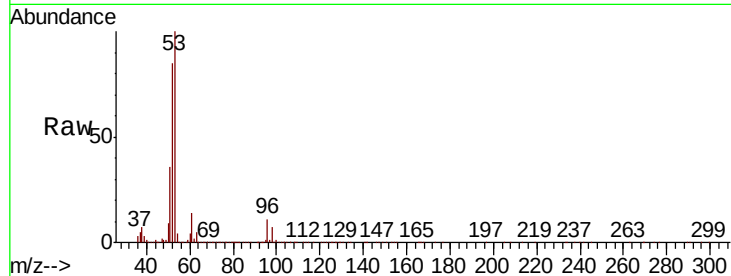
Tgt Ion: 53 Resp: 237415

Ion Ratio Lower Upper

53 100

52 83.4 66.4 99.6

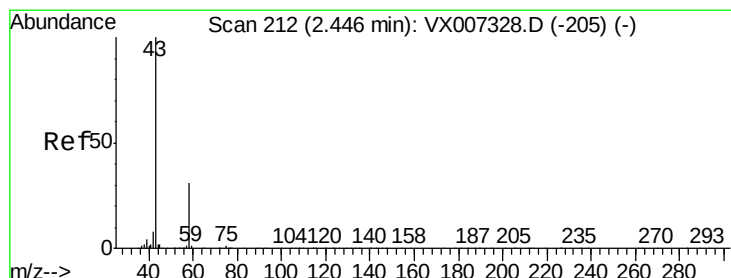
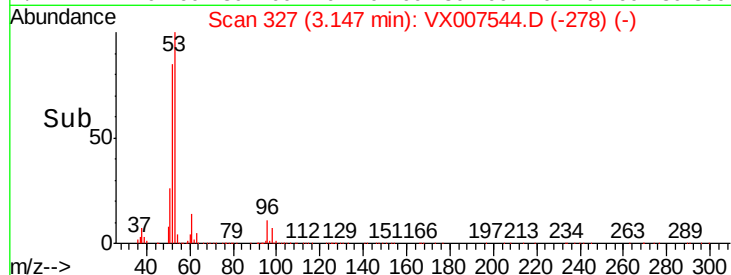
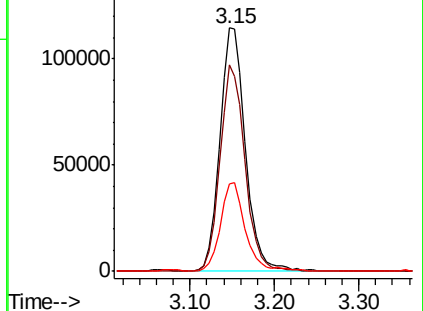
51 35.6 28.4 42.6



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: 101.815 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007544.D

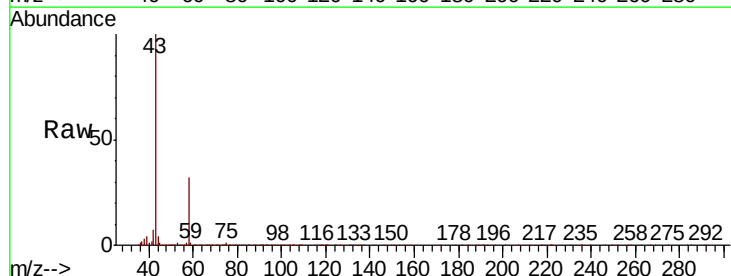
Acq: 14 Feb 2019 14:35

Tgt Ion: 43 Resp: 216529

Ion Ratio Lower Upper

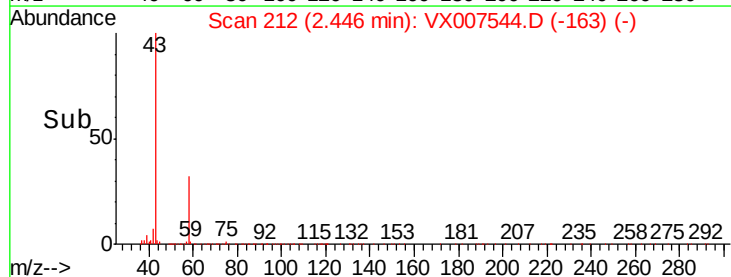
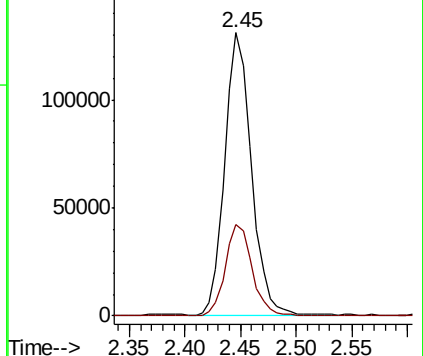
43 100

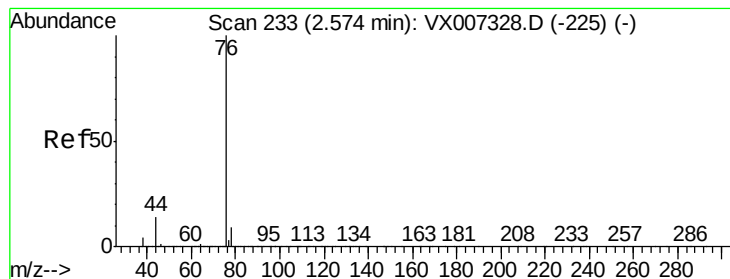
58 32.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.014 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

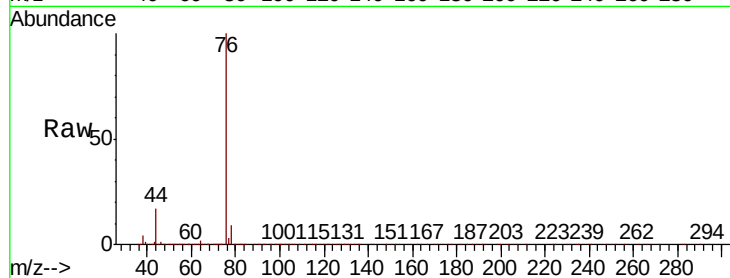
VX0215WBSD01

Tgt Ion: 76 Resp: 169848

Ion Ratio Lower Upper

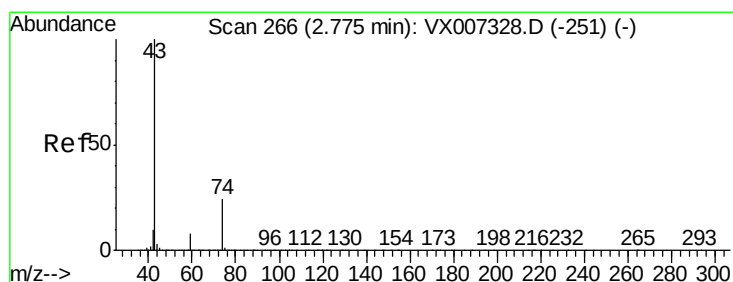
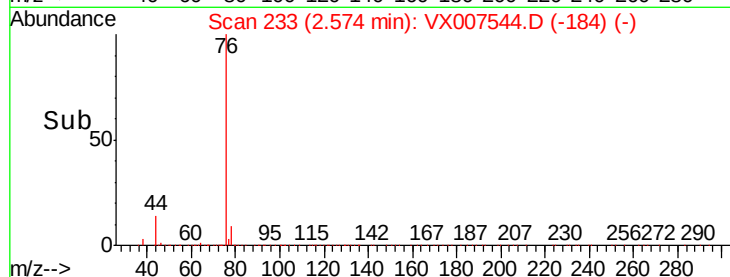
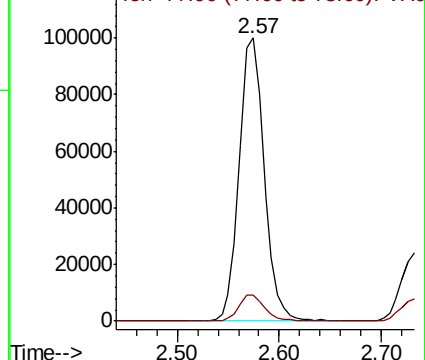
76 100

78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.259 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007544.D

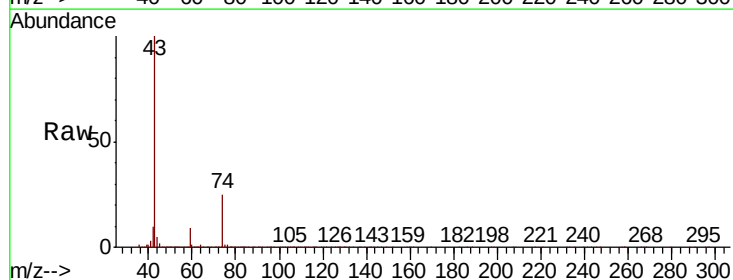
Acq: 14 Feb 2019 14:35

Tgt Ion: 43 Resp: 138316

Ion Ratio Lower Upper

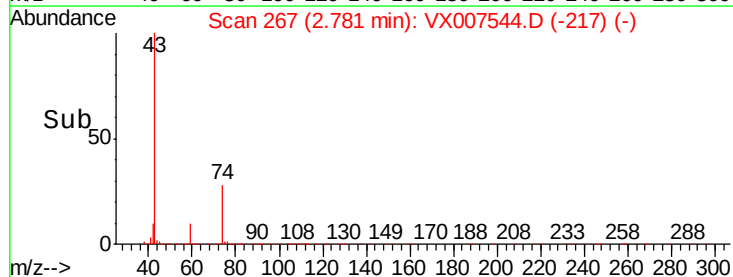
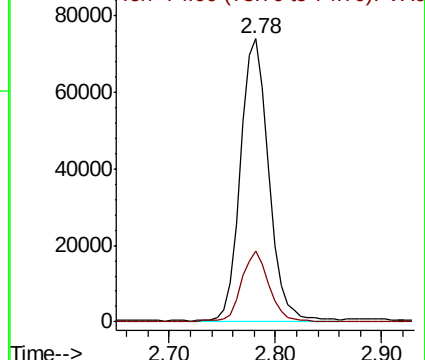
43 100

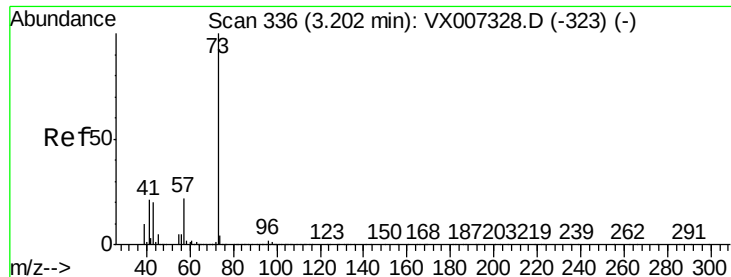
74 24.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 18.677 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

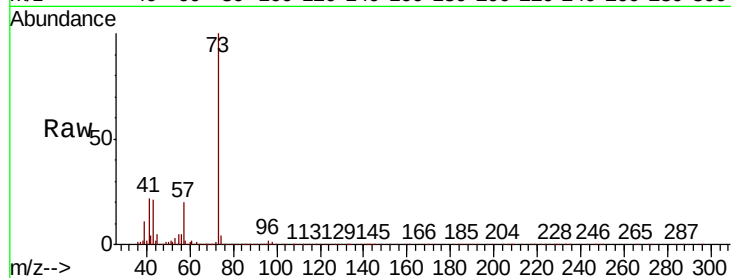
VX0215WBSD01

Tgt Ion: 73 Resp: 252697

Ion Ratio Lower Upper

73 100

57 20.1 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

120000

100000

80000

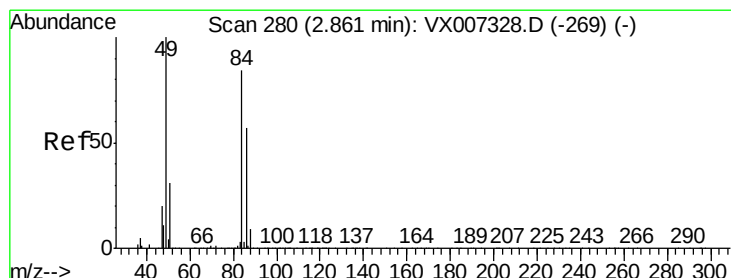
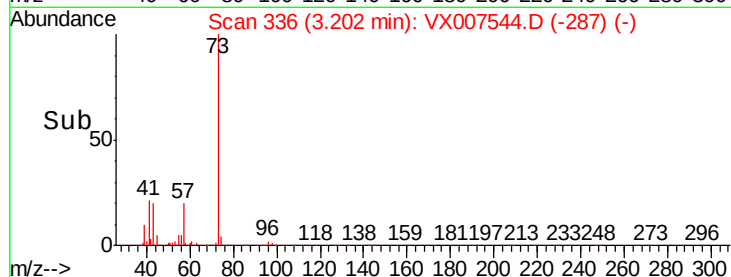
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 19.373 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Tgt Ion: 84 Resp: 85201

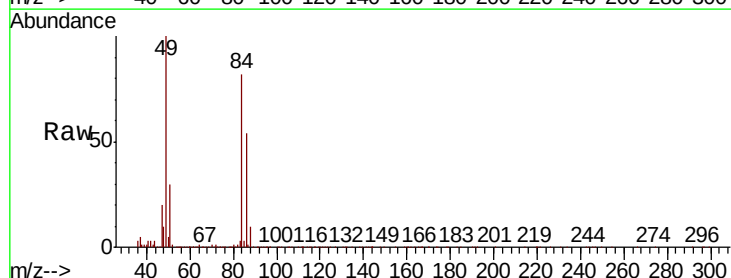
Ion Ratio Lower Upper

84 100

49 122.3 94.8 142.2

51 36.7 29.8 44.8

86 66.2 54.1 81.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

80000

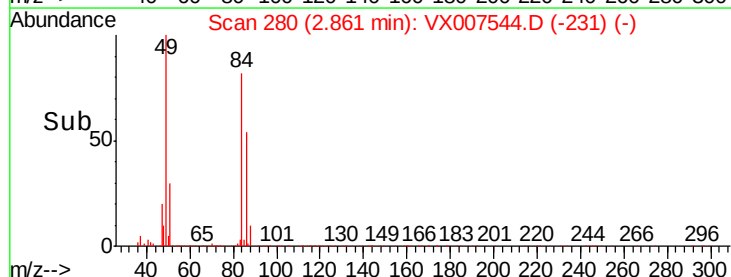
60000

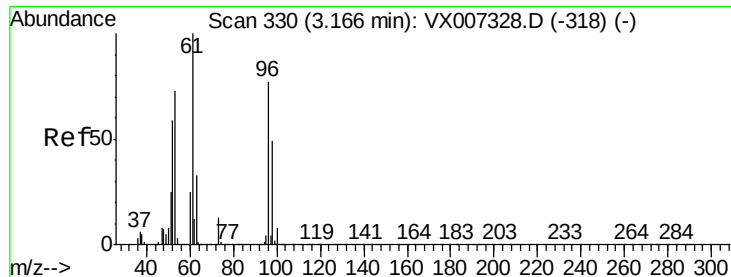
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 17.184 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

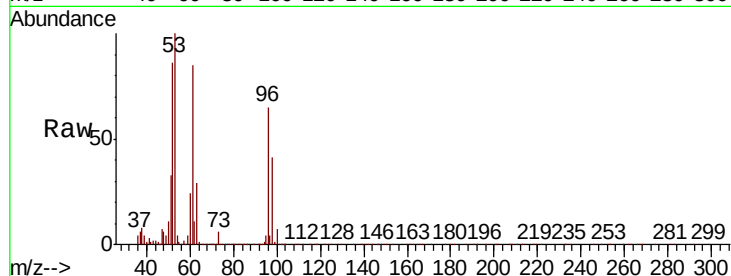
Tgt Ion: 96 Resp: 76448

Ion Ratio Lower Upper

96 100

61 130.2 104.6 156.8

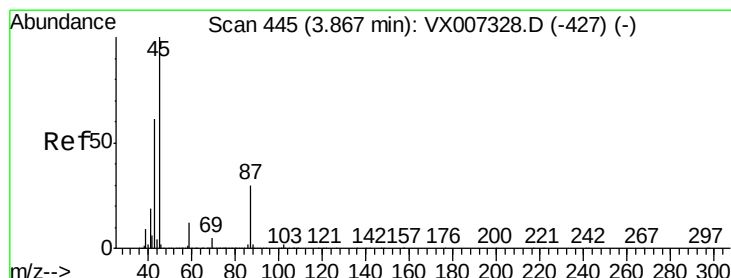
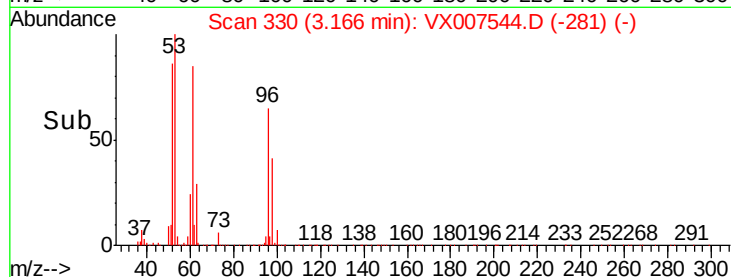
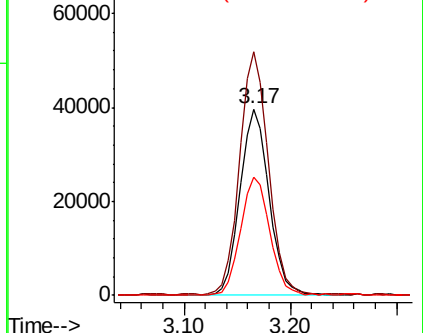
98 63.3 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.380 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Tgt Ion: 45 Resp: 242575

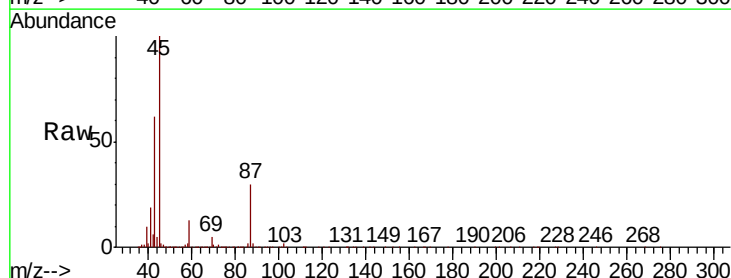
Ion Ratio Lower Upper

45 100

43 61.3 48.9 73.3

87 30.5 23.9 35.9

59 13.4 9.6 14.4

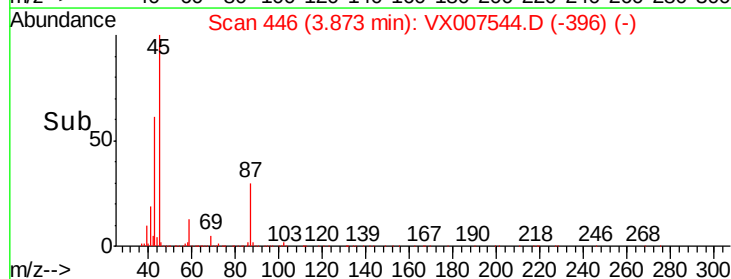
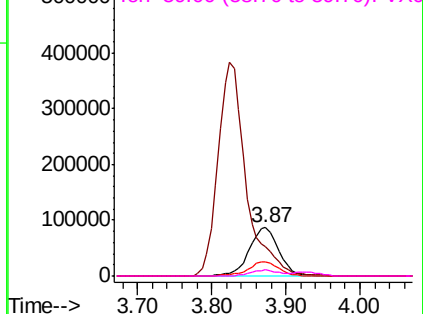


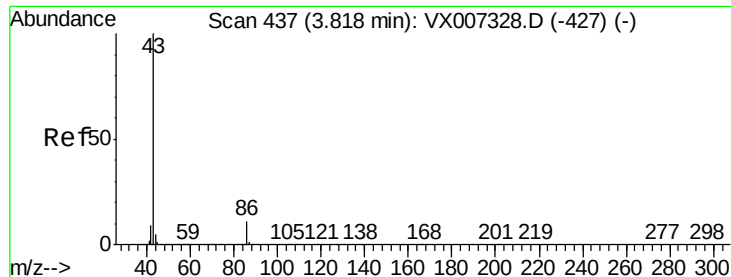
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.092 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

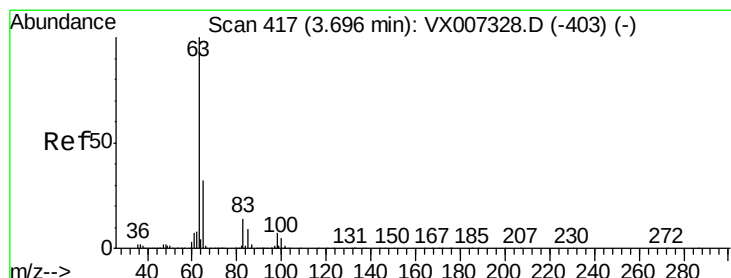
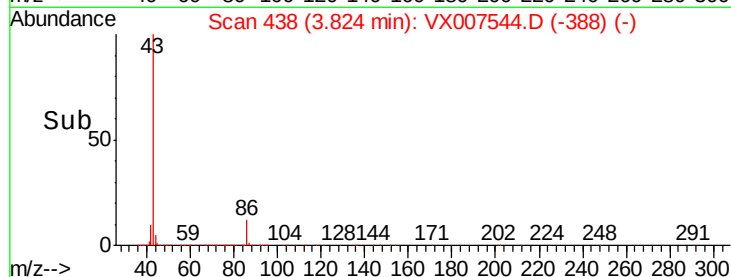
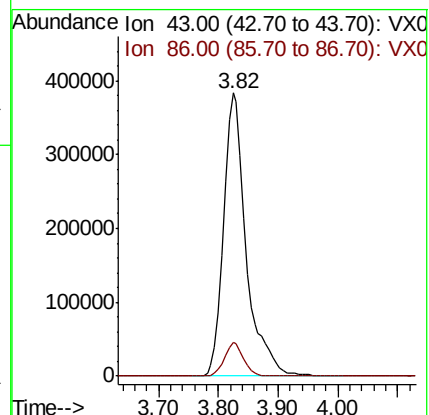
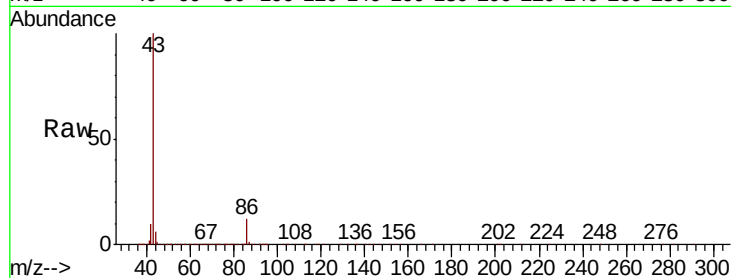
VX0215WBSD01

Tgt Ion: 43 Resp: 1008481

Ion Ratio Lower Upper

43 100

86 11.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.017 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

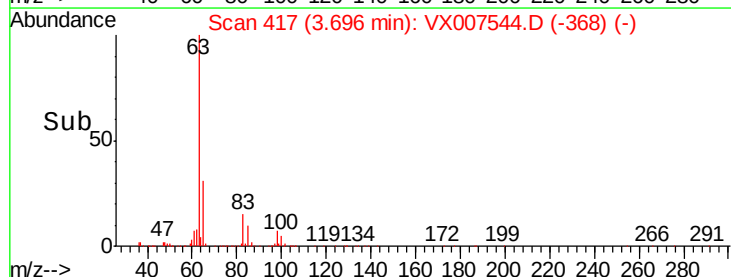
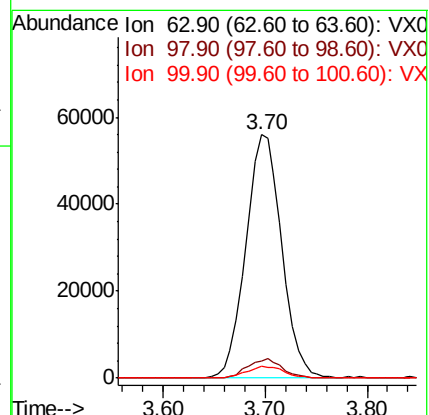
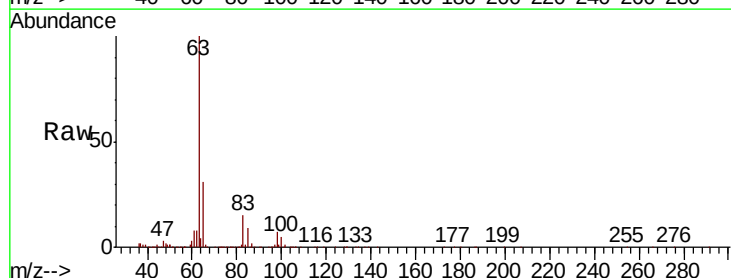
Tgt Ion: 63 Resp: 136701

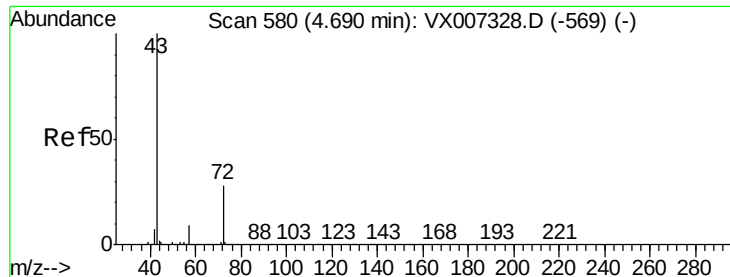
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 103.999 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

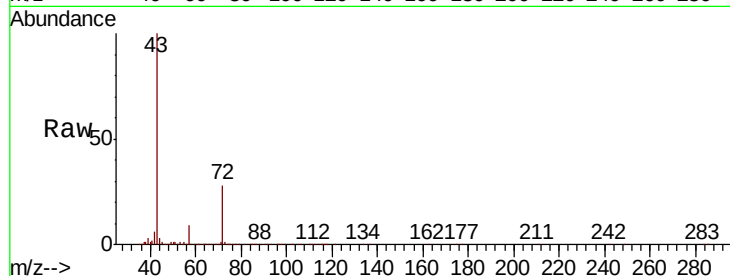
VX0215WBSD01

Tgt Ion: 43 Resp: 314758

Ion Ratio Lower Upper

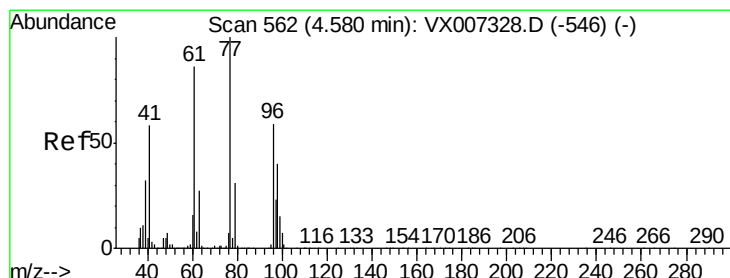
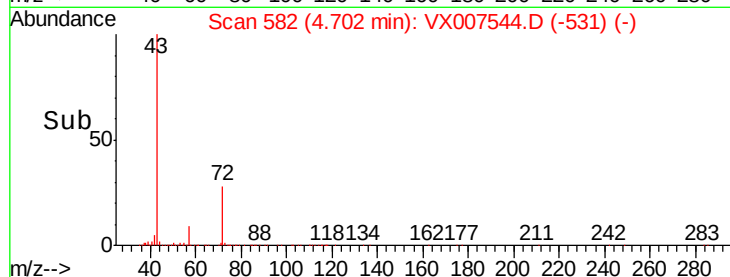
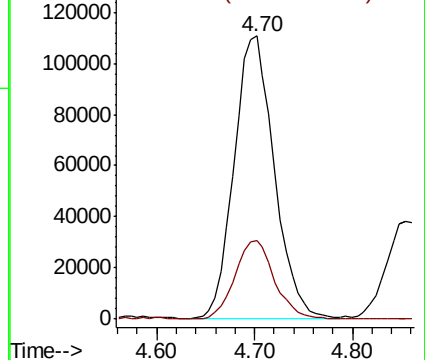
43 100

72 27.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.940 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007544.D

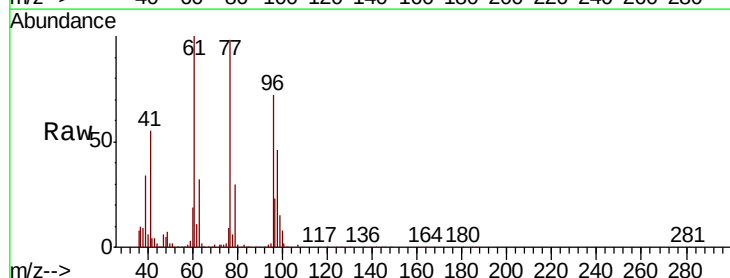
Acq: 14 Feb 2019 14:35

Tgt Ion: 77 Resp: 98206

Ion Ratio Lower Upper

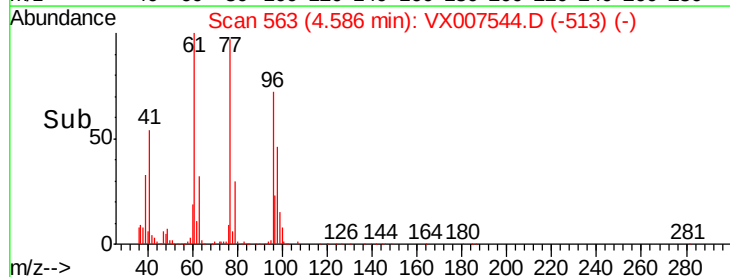
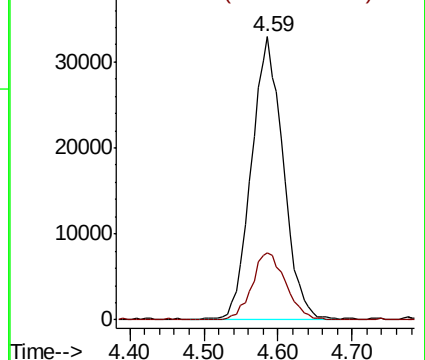
77 100

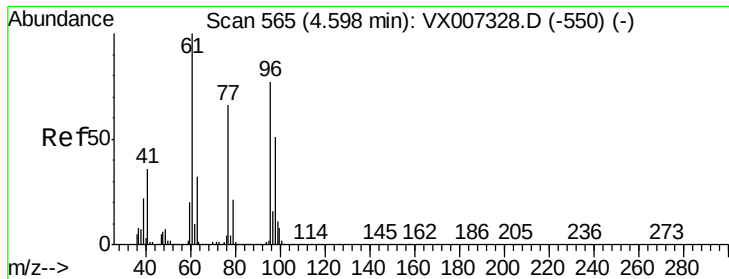
97 25.3 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



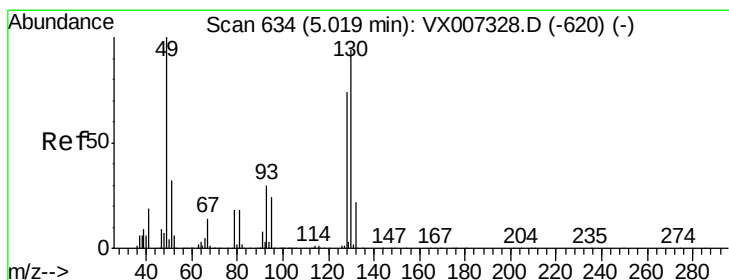
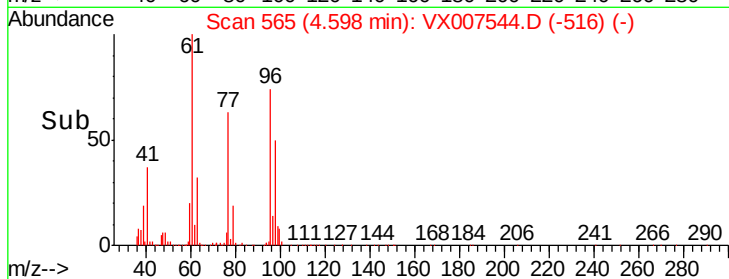
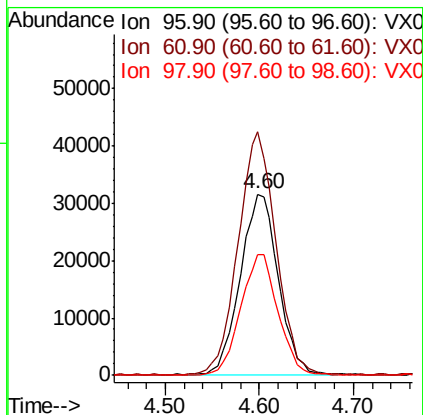
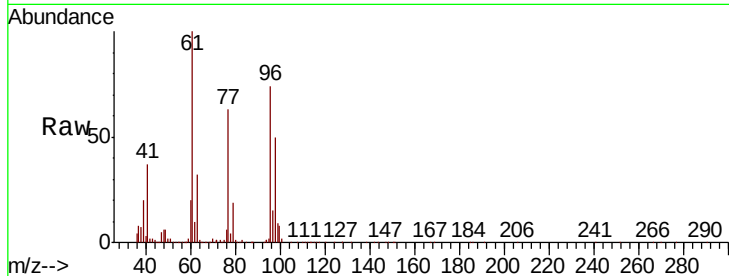


#27

cis-1,2-Dichloroethene
 Concen: 18.420 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

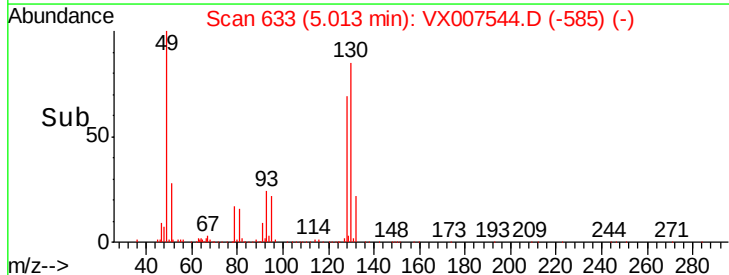
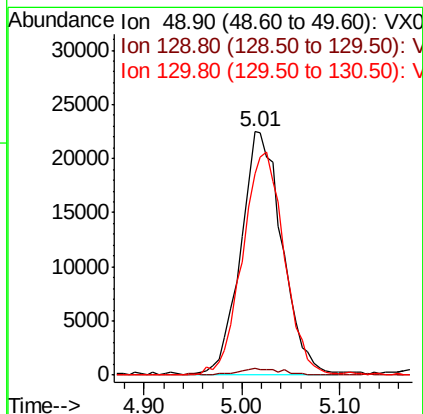
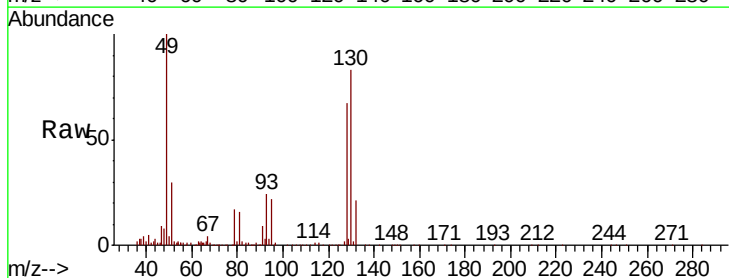
Tgt Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	265.6
98	65.5	0.0	131.6

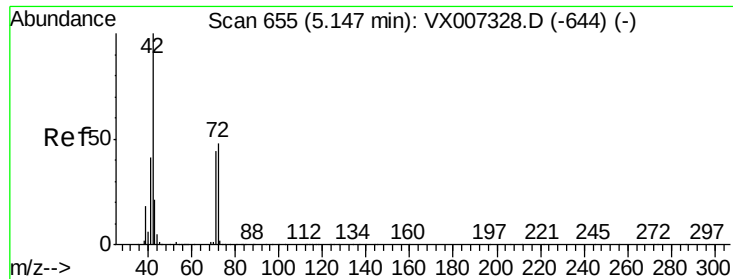


#28

Bromochloromethane
 Concen: 20.005 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	92.4	75.6	113.4

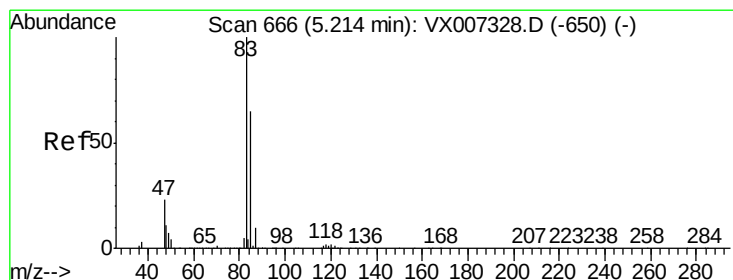
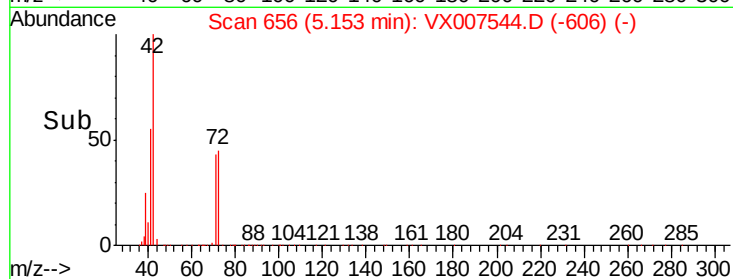
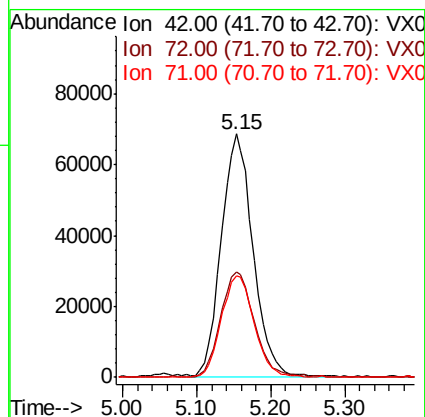
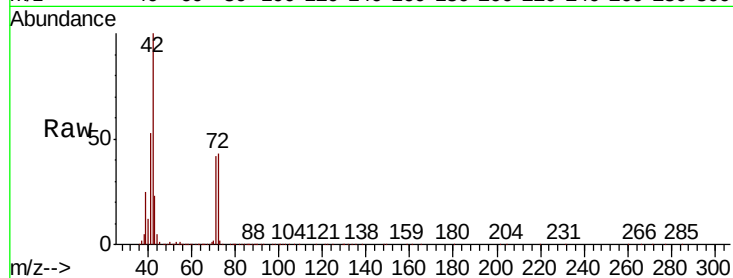




#29
Tetrahydrofuran
Concen: 105.993 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

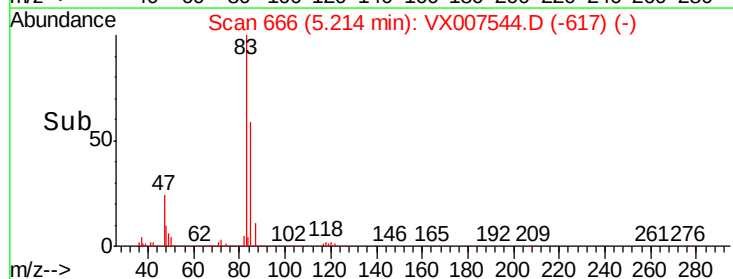
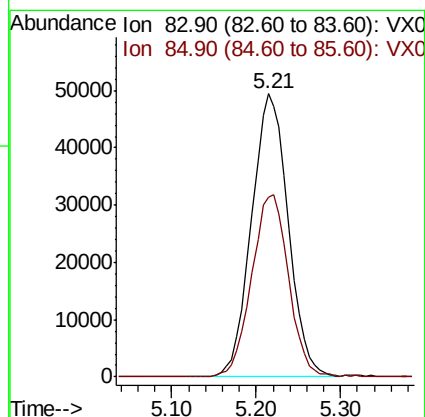
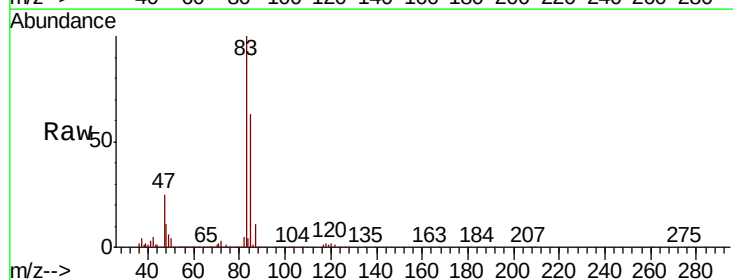
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBSD01

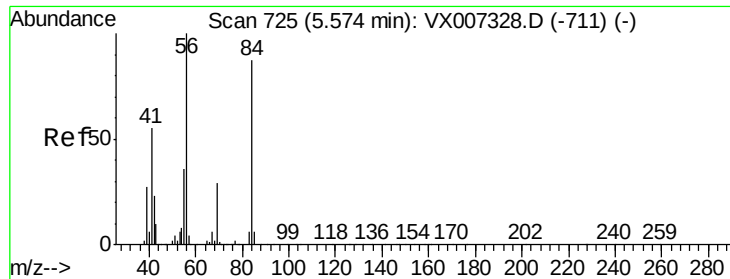
Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.6	56.4
71	43.7	34.6	51.8



#30
Chloroform
Concen: 19.495 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.6	77.4

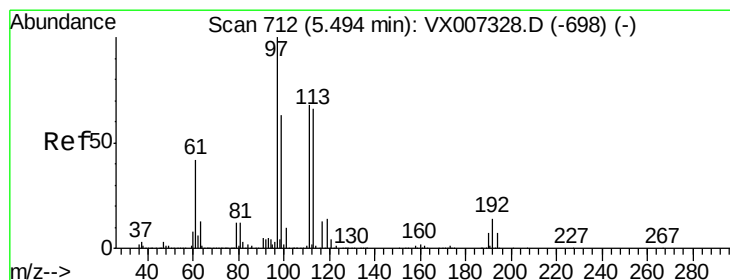
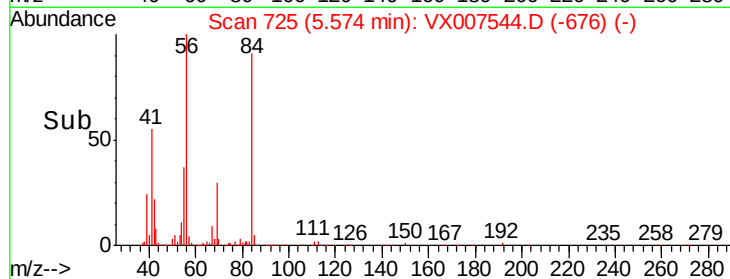
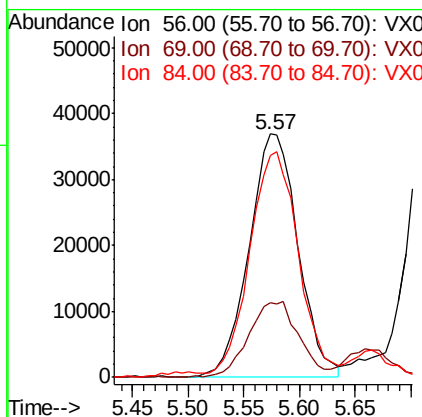
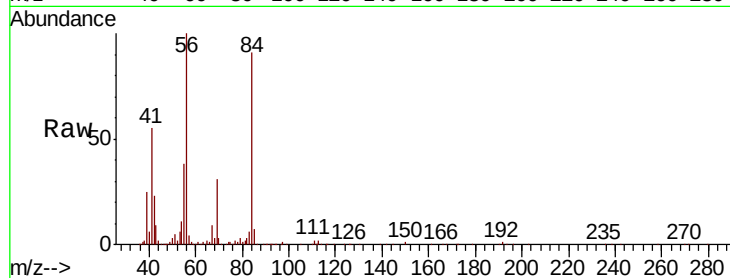




#31
Cyclohexane
Concen: 17.338 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

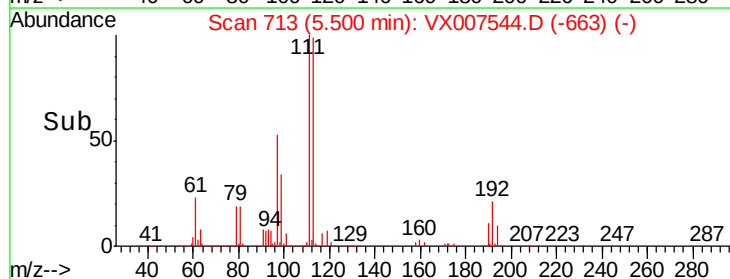
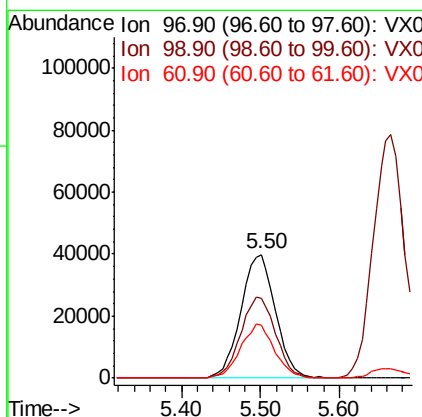
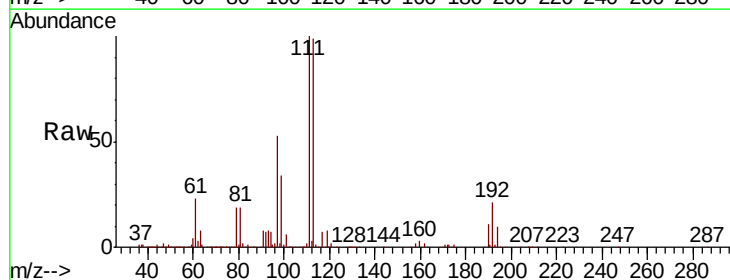
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBSD01

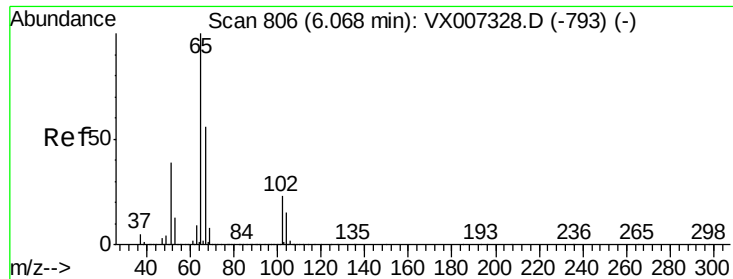
Tgt Ion: 56 Resp: 111933
Ion Ratio Lower Upper
56 100
69 30.3 23.0 34.6
84 89.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 19.151 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 97 Resp: 121251
Ion Ratio Lower Upper
97 100
99 66.3 52.2 78.2
61 43.1 32.7 49.1

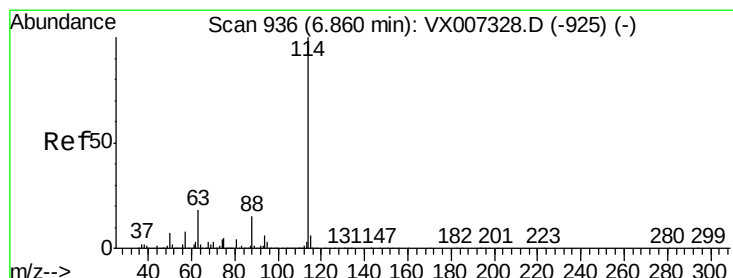
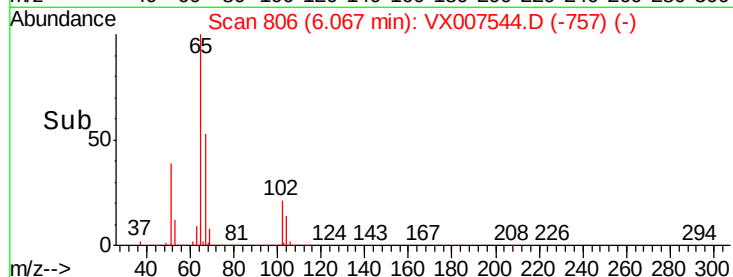
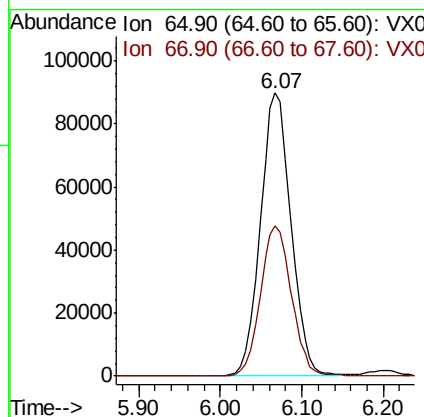
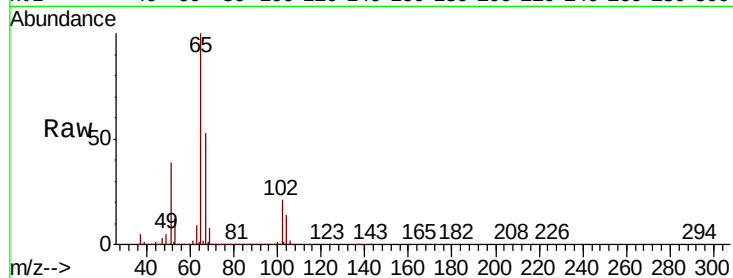




#33
 1,2-Dichloroethane-d4
 Concen: 50.599 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

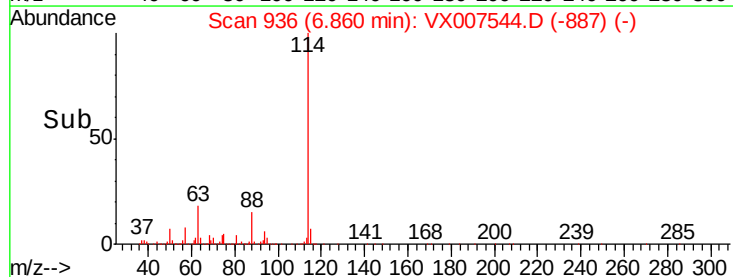
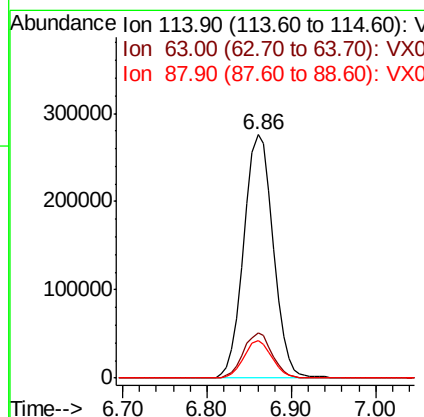
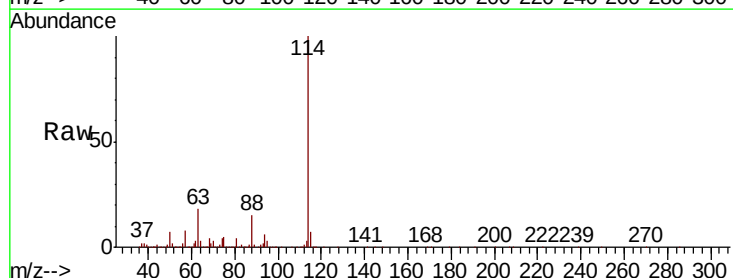
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

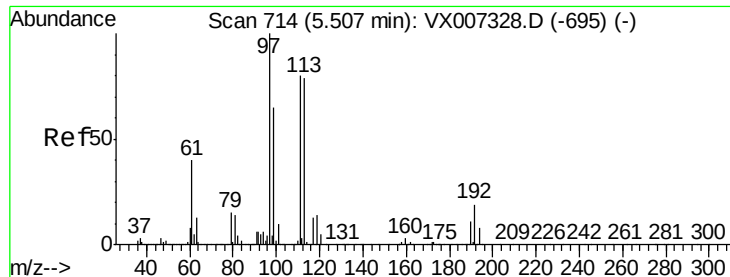
Tgt Ion: 65 Resp: 234915
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion: 114 Resp: 651926
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.6
 88 15.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.988 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

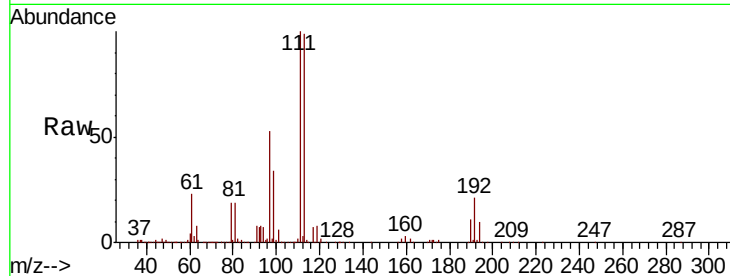
Tgt Ion:113 Resp: 216285

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

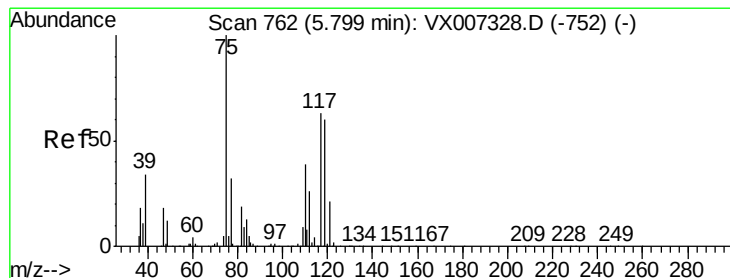
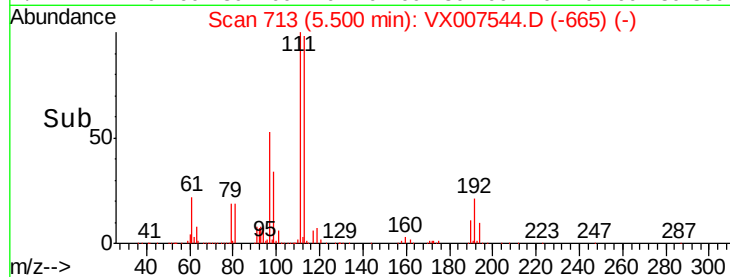
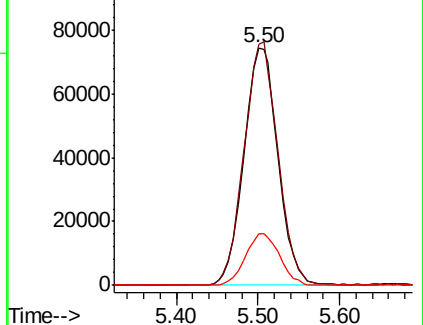
192 22.0 18.5 27.7



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: 17.202 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

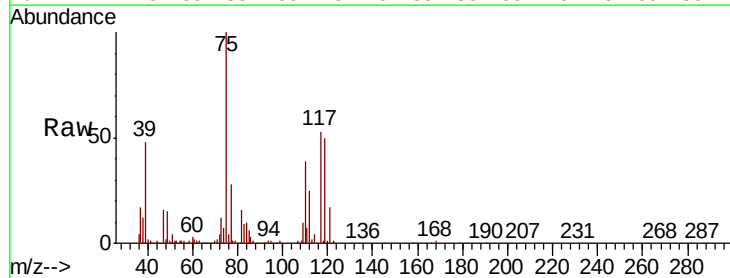
Tgt Ion: 75 Resp: 100619

Ion Ratio Lower Upper

75 100

110 40.5 20.0 59.9

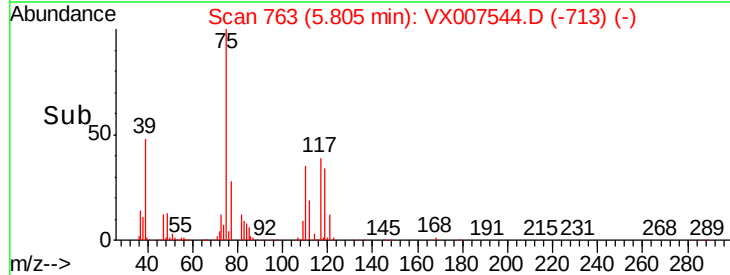
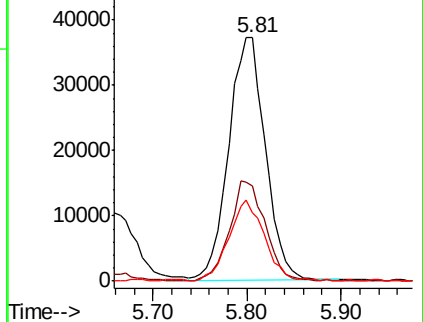
77 31.8 24.7 37.1

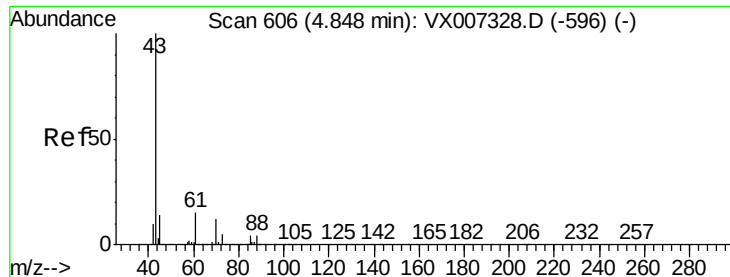


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

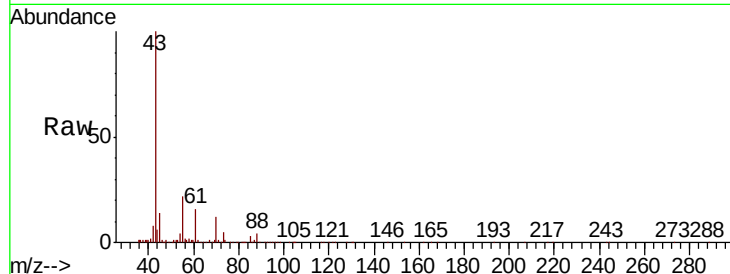




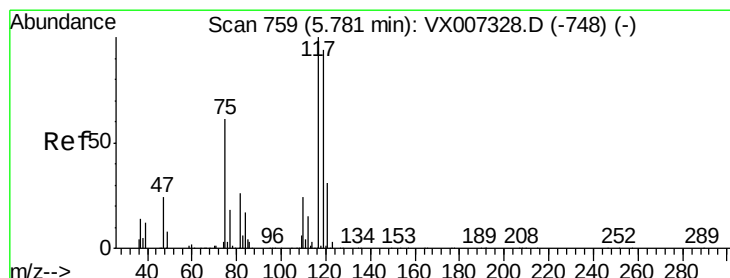
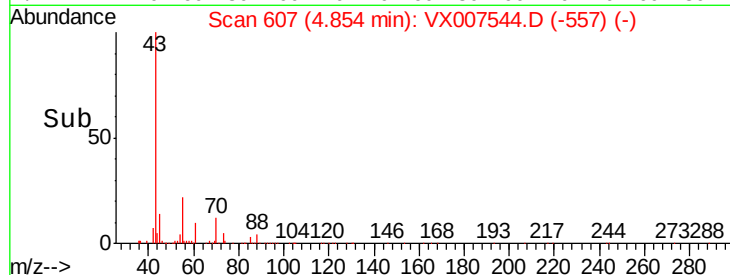
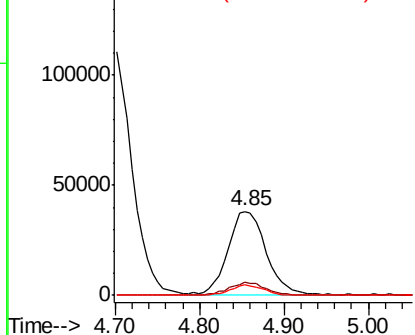
#37
 Ethyl Acetate
 Concen: 19.549 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.3	16.9
70	10.7	8.6	13.0

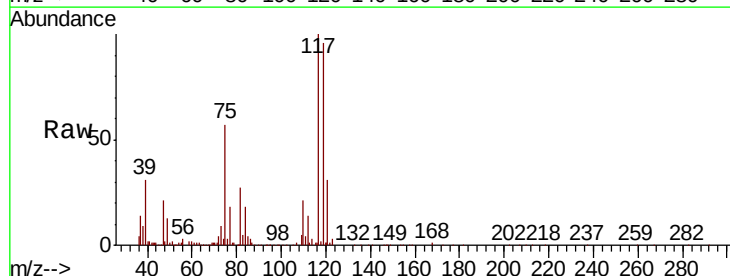


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 70.00 (69.70 to 70.70): VX0

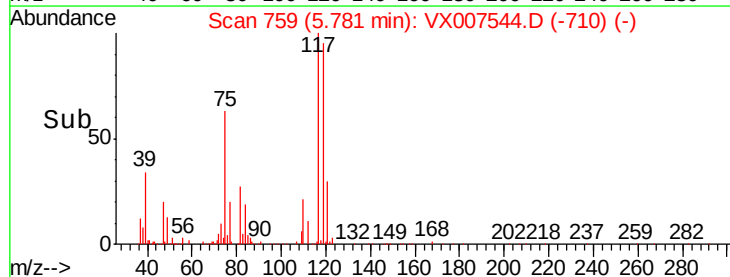
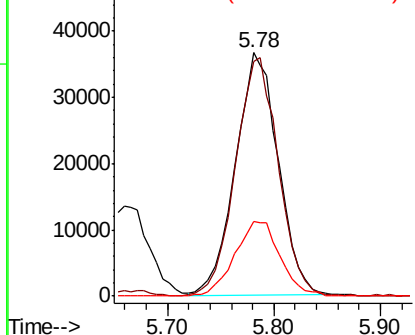


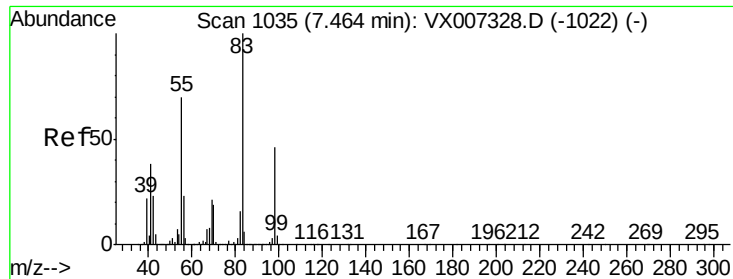
#38
 Carbon Tetrachloride
 Concen: 18.174 ug/l
 RT: 5.78 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.3	112.9
121	30.8	25.0	37.4



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

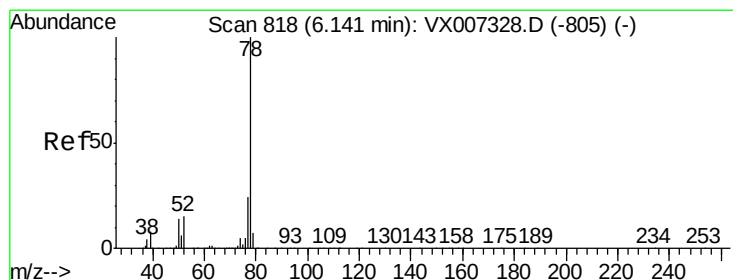
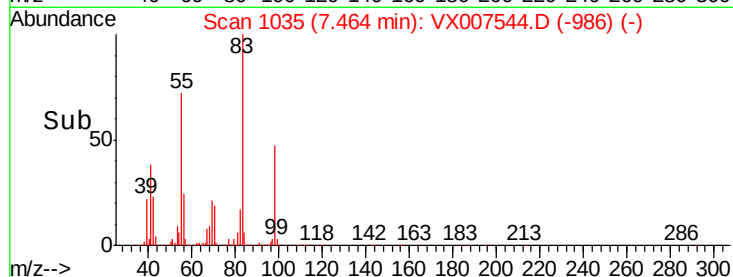
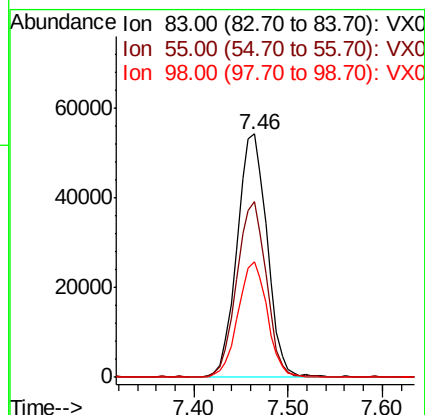
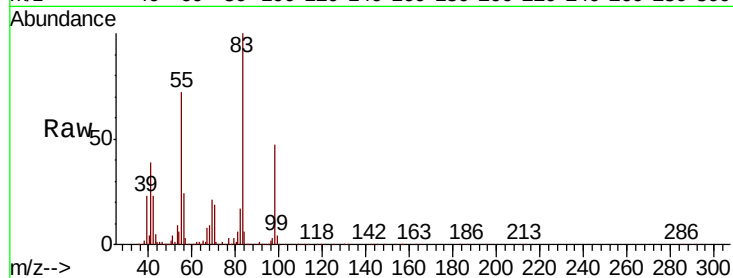




#39
Methylcyclohexane
Concen: 17.030 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

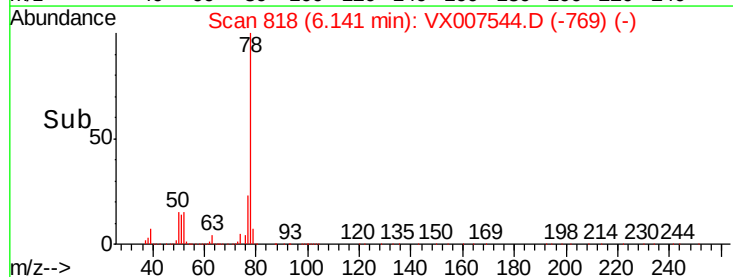
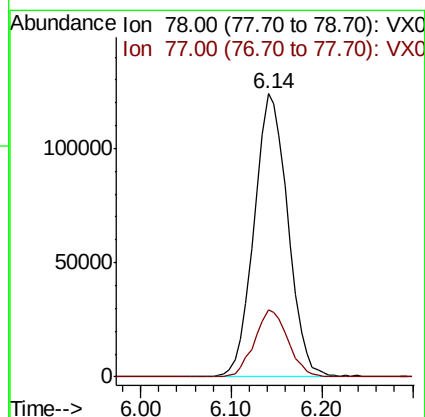
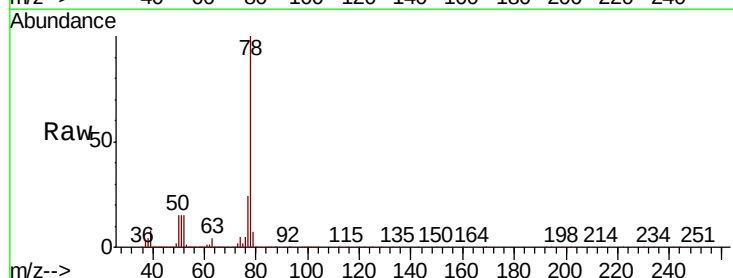
Instrument :
MSVOA_X
ClientSampled :
VX0215WBSD01

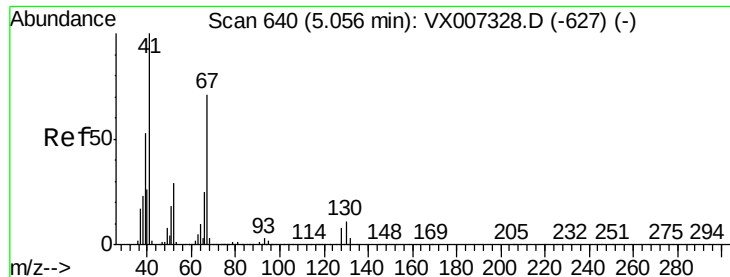
Tgt Ion: 83 Resp: 120523
Ion Ratio Lower Upper
83 100
55 71.9 56.2 84.2
98 47.3 36.8 55.2



#40
Benzene
Concen: 18.529 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 78 Resp: 319259
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

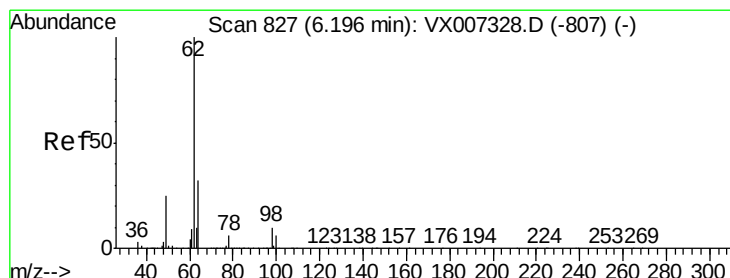
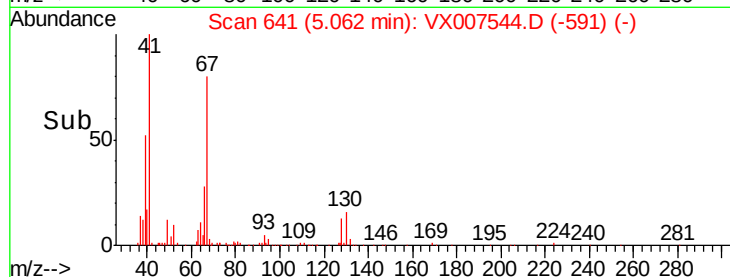
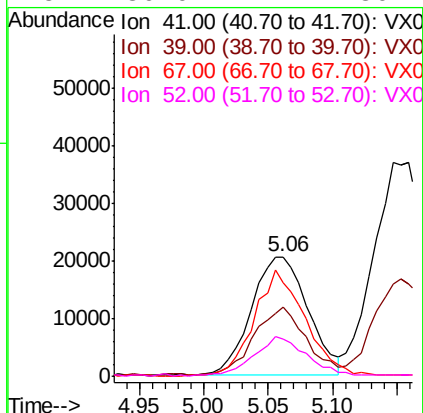
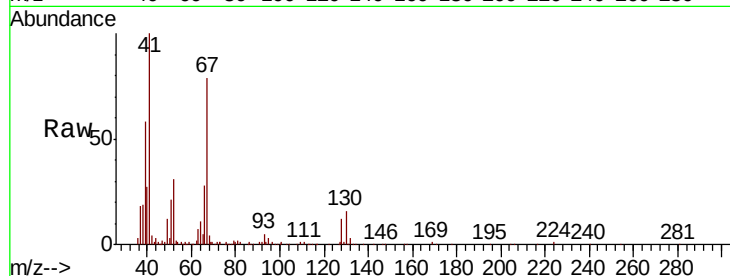




#41
Methacrylonitrile
Concen: 19.697 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

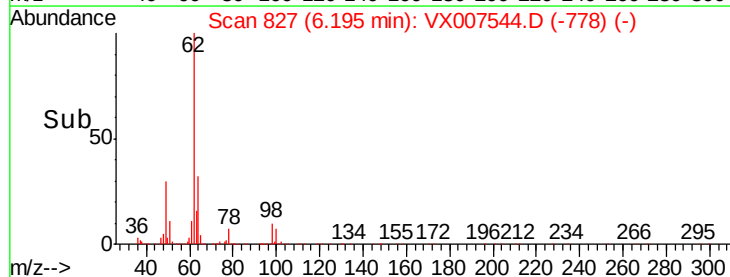
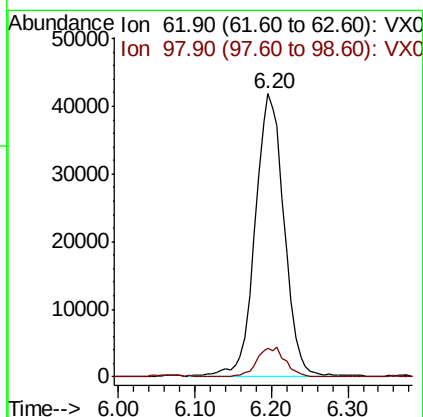
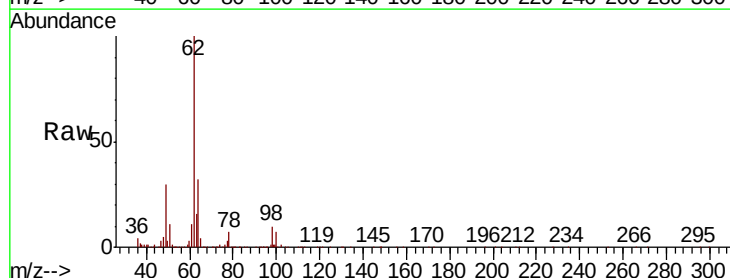
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBSD01

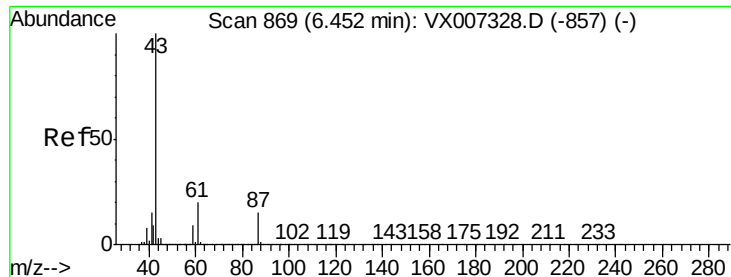
Tgt Ion:	41	Resp:	62421
Ion	Ratio	Lower	Upper
41	100		
39	53.0	44.5	66.7
67	81.9	60.4	90.6
52	30.0	24.1	36.1



#42
1,2-Dichloroethane
Concen: 18.657 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion:	62	Resp:	111225
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.0





#43

Isopropyl Acetate

Concen: 19.566 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

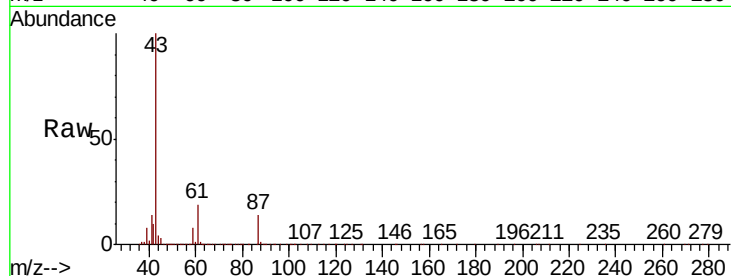
Tgt Ion: 43 Resp: 178575

Ion Ratio Lower Upper

43 100

61 20.9 16.1 24.1

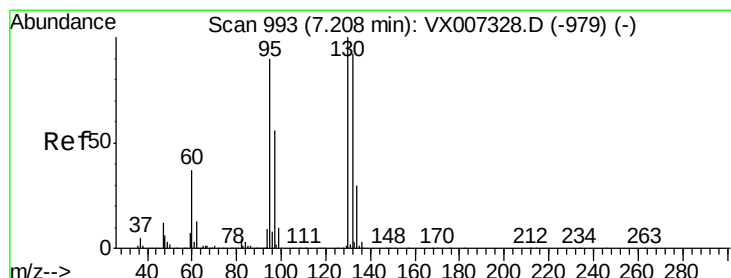
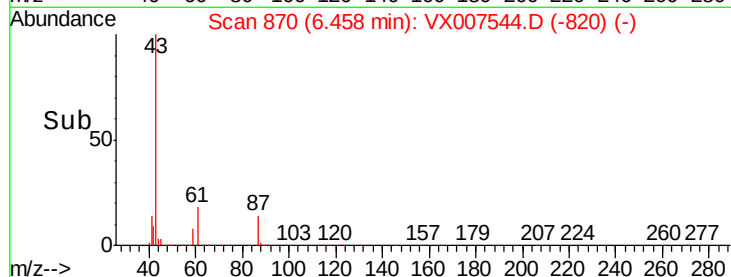
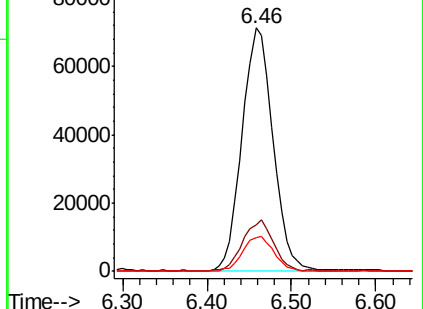
87 14.4 11.5 17.3



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: 17.986 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007544.D

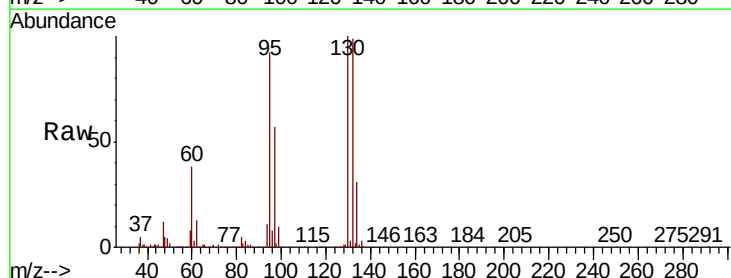
Acq: 14 Feb 2019 14:35

Tgt Ion: 130 Resp: 93337

Ion Ratio Lower Upper

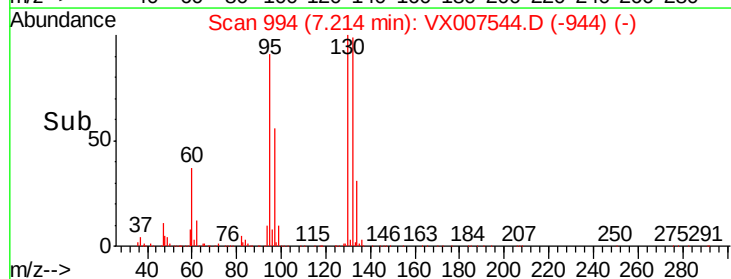
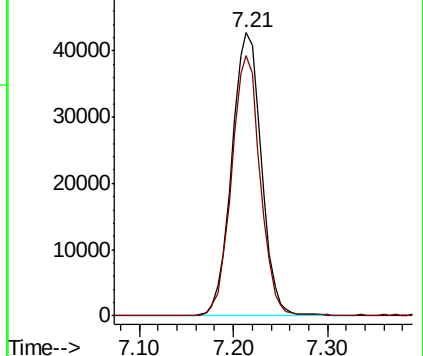
130 100

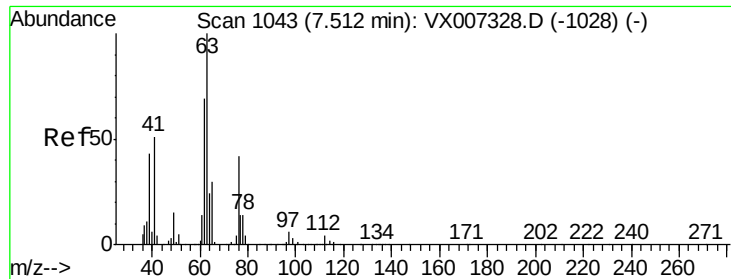
95 91.6 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

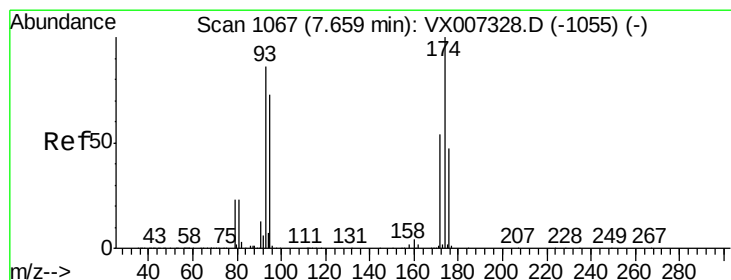
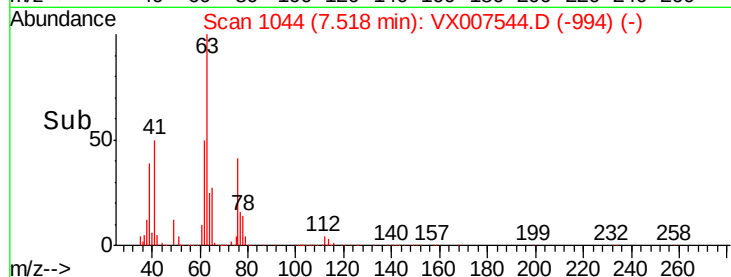
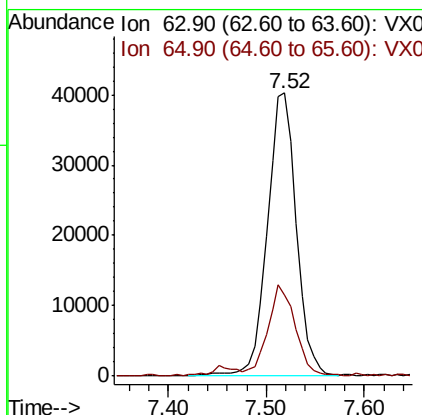
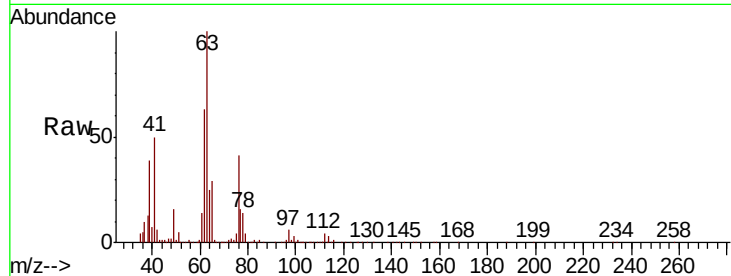




#45
 1,2-Dichloropropane
 Concen: 19.100 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

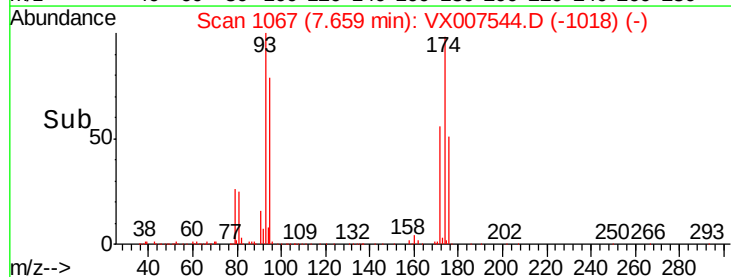
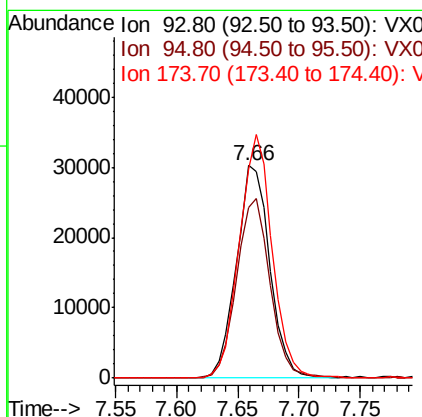
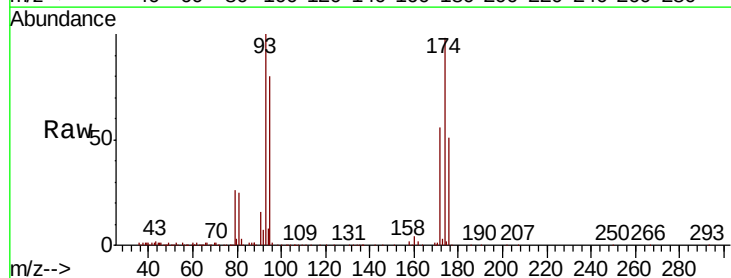
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

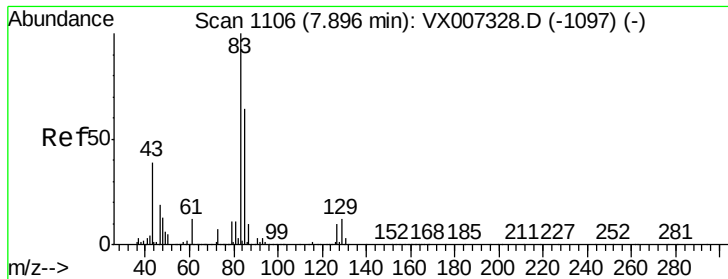
Tgt Ion: 63 Resp: 82459
 Ion Ratio Lower Upper
 63 100
 65 28.2 24.2 36.2



#46
 Dibromomethane
 Concen: 18.260 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion: 93 Resp: 57293
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.6 101.4
 174 113.0 94.2 141.4





#47

Bromodichloromethane

Concen: 18.815 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

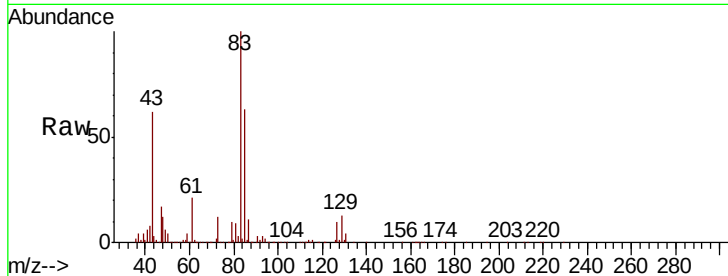
Tgt Ion: 83 Resp: 100051

Ion Ratio Lower Upper

83 100

85 62.9 51.4 77.0

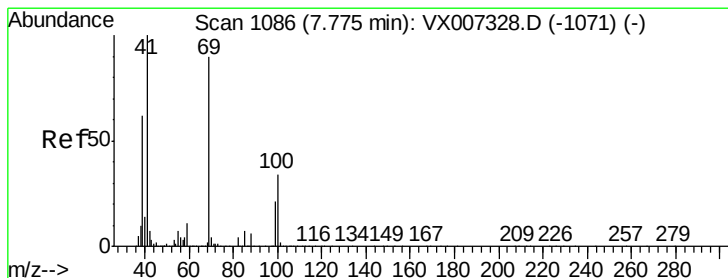
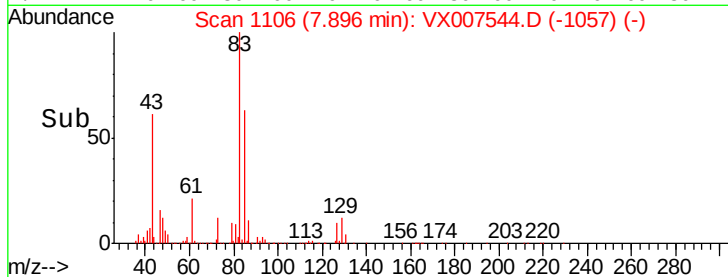
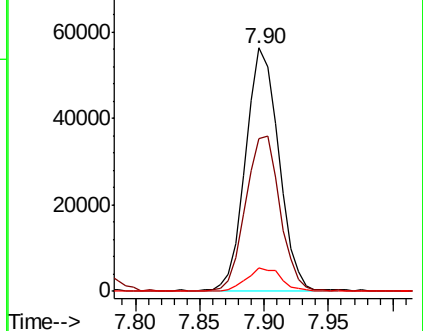
127 9.8 8.1 12.1



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: 20.277 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

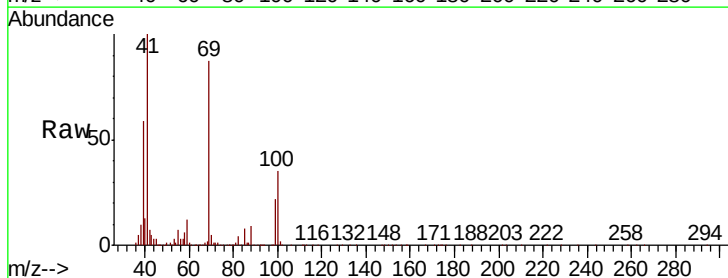
Tgt Ion: 41 Resp: 92567

Ion Ratio Lower Upper

41 100

69 88.5 70.2 105.4

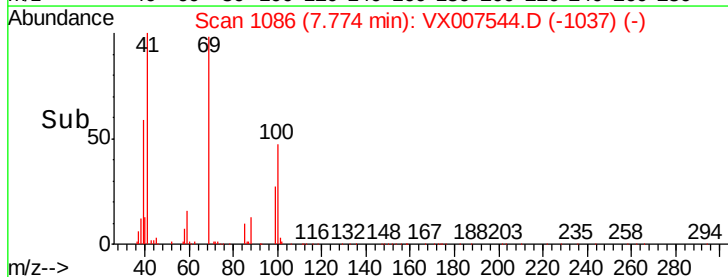
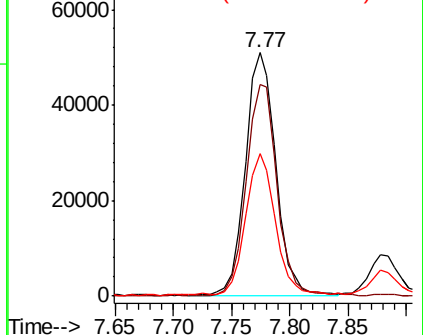
39 56.3 47.4 71.0

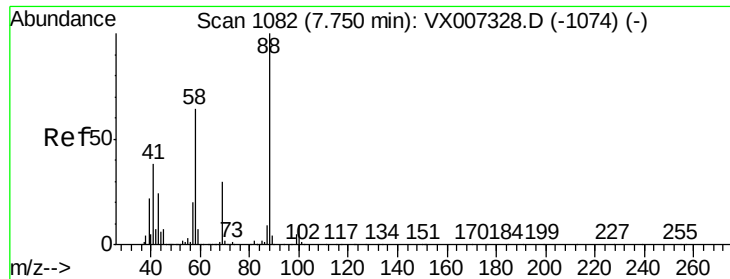


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 444.552 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

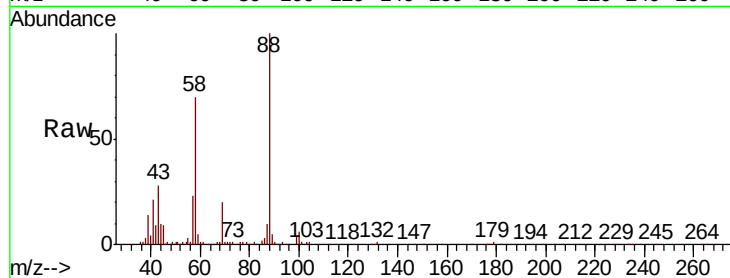
Tgt Ion: 88 Resp: 45754

Ion Ratio Lower Upper

88 100

43 29.8 24.2 36.4

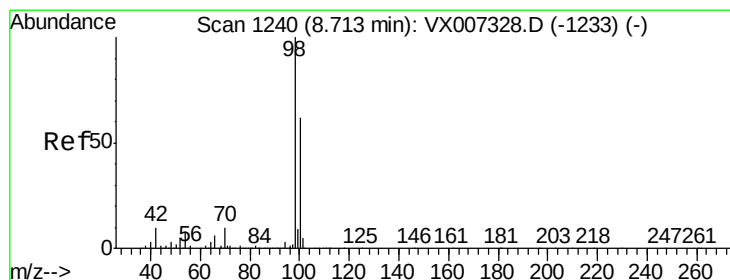
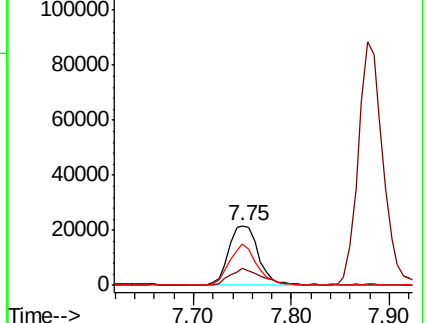
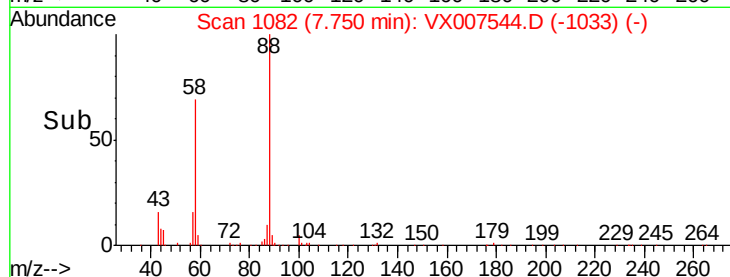
58 64.9 53.0 79.4



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: 49.763 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007544.D

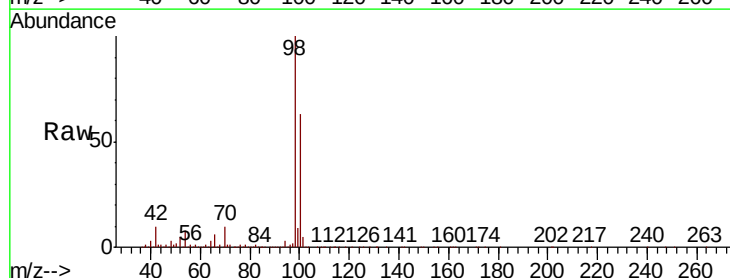
Acq: 14 Feb 2019 14:35

Tgt Ion: 98 Resp: 783174

Ion Ratio Lower Upper

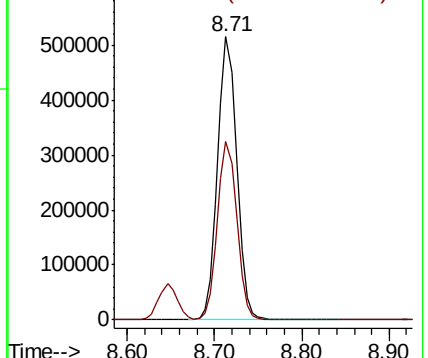
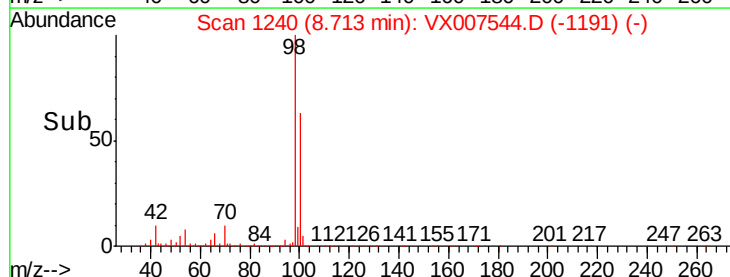
98 100

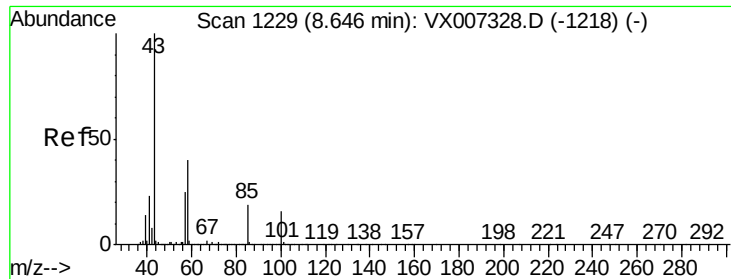
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

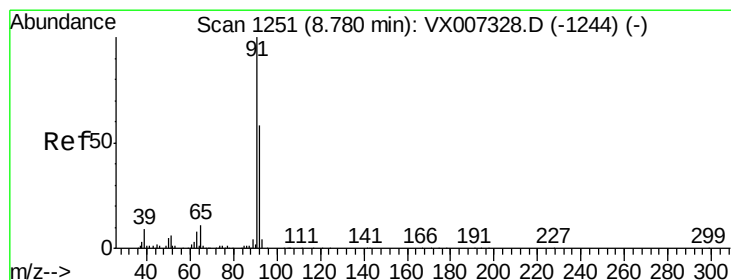
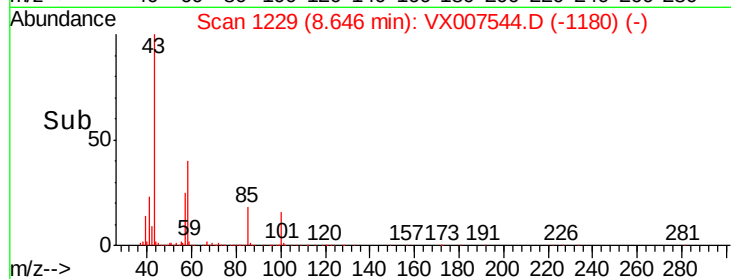
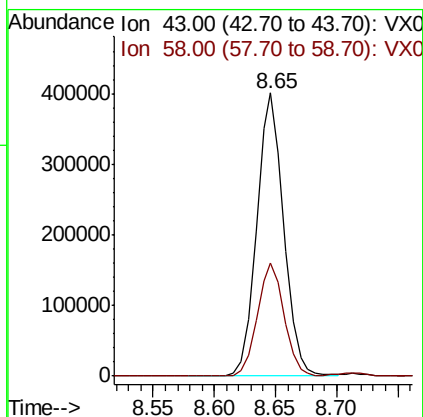
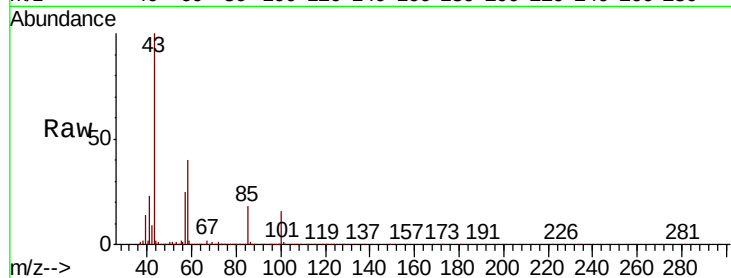




#51
 4-Methyl-2-Pentanone
 Concen: 102.126 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

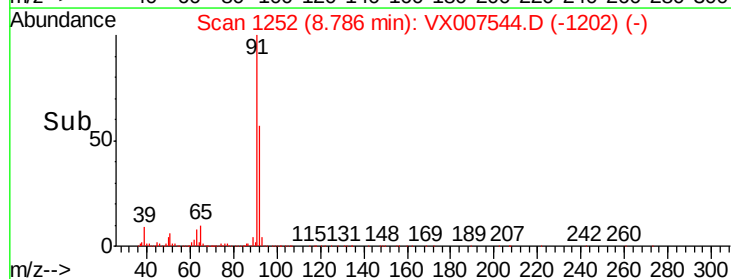
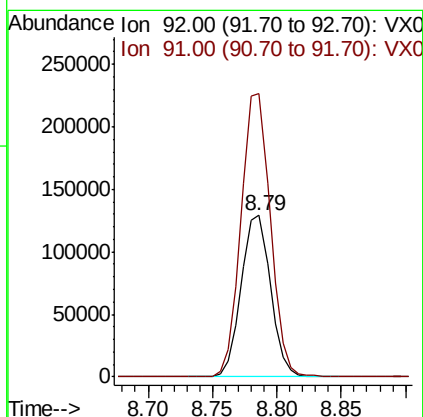
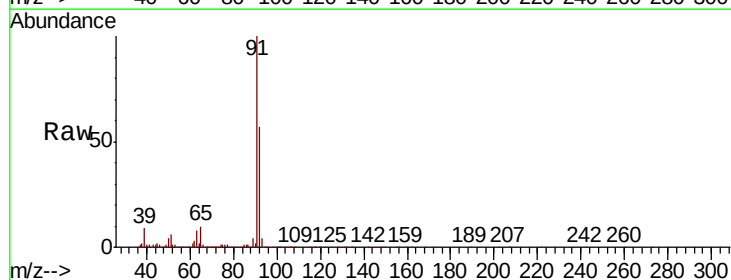
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

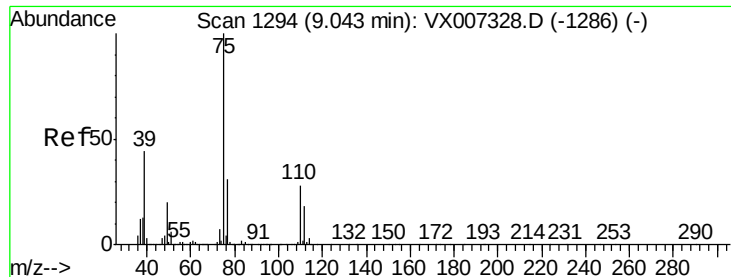
Tgt Ion: 43 Resp: 613593
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.2 46.8



#52
 Toluene
 Concen: 18.325 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion: 92 Resp: 203721
 Ion Ratio Lower Upper
 92 100
 91 176.2 139.1 208.7

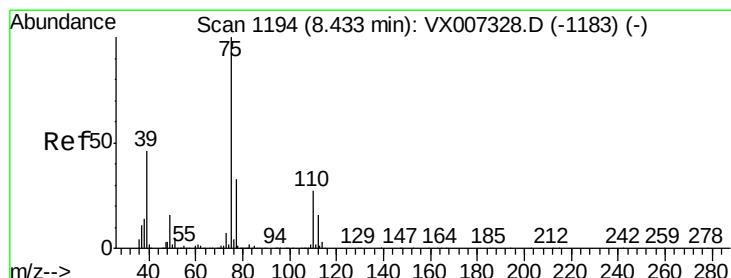
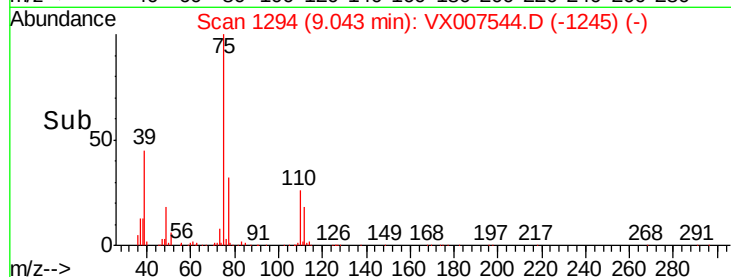
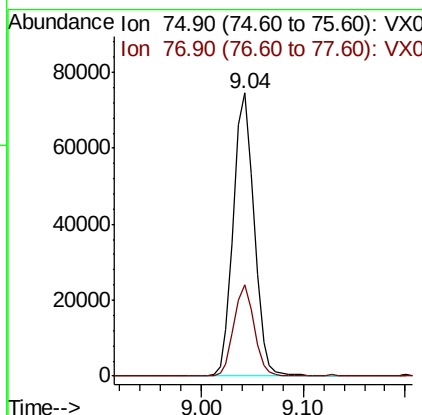
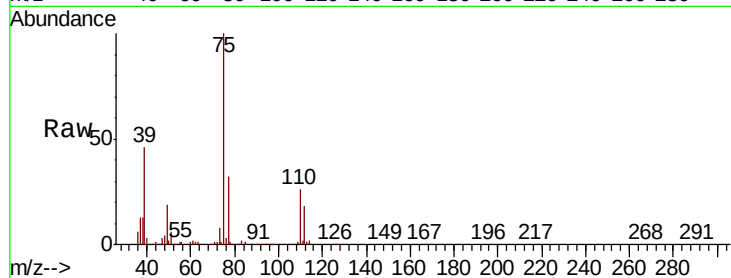




#53
 t-1,3-Dichloropropene
 Concen: 18.344 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

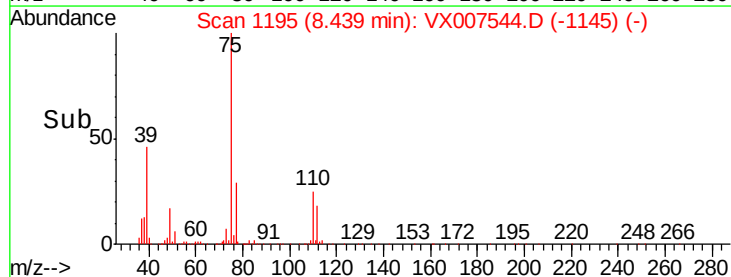
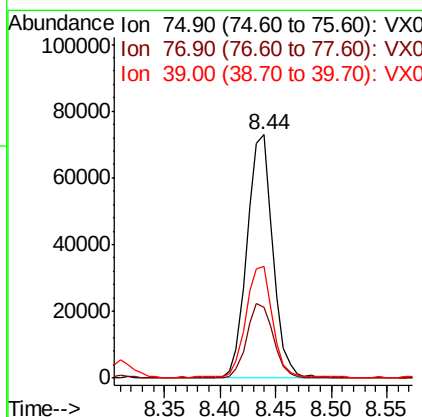
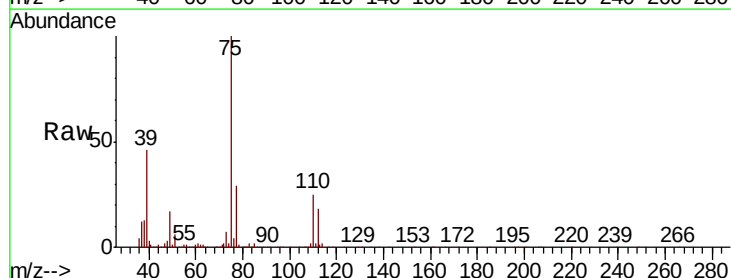
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

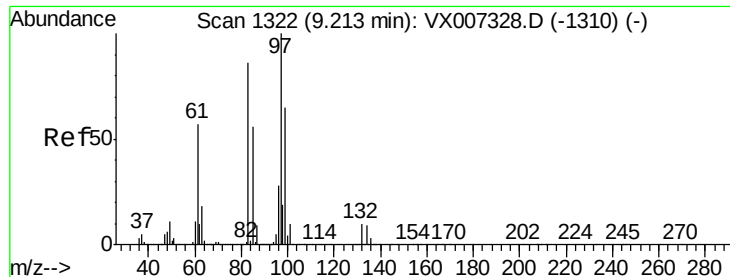
Tgt Ion: 75 Resp: 104782
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 18.607 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion: 75 Resp: 116880
 Ion Ratio Lower Upper
 75 100
 77 29.1 26.2 39.4
 39 45.7 37.1 55.7

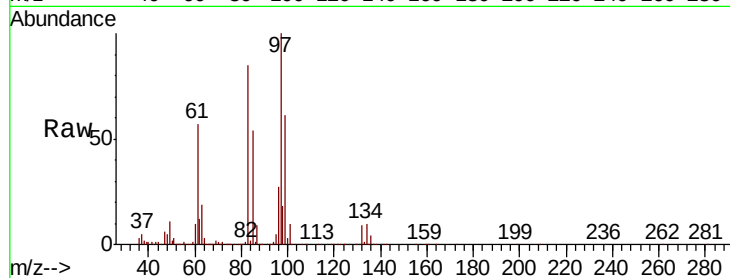




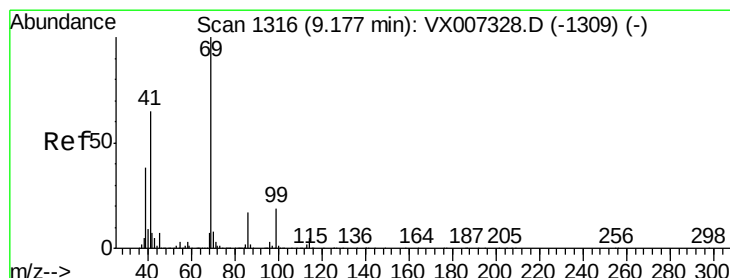
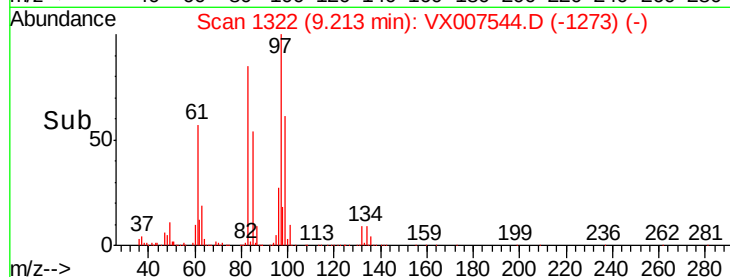
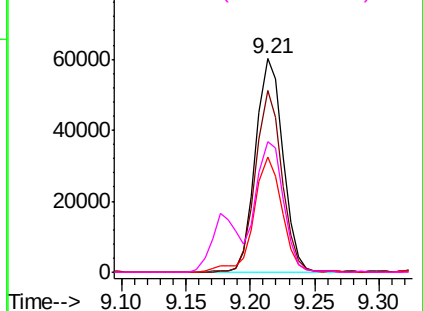
#55
 1,1,2-Trichloroethane
 Concen: 19.146 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

Tgt Ion:	97	Resp:	88722
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.6	102.8
85	53.4	44.5	66.7
99	61.1	52.2	78.4

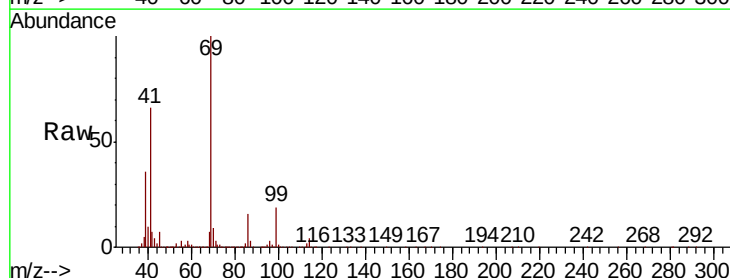


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

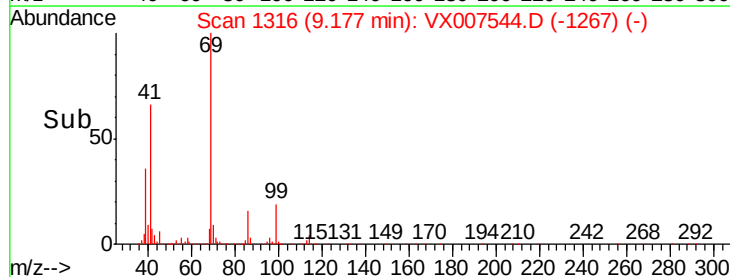
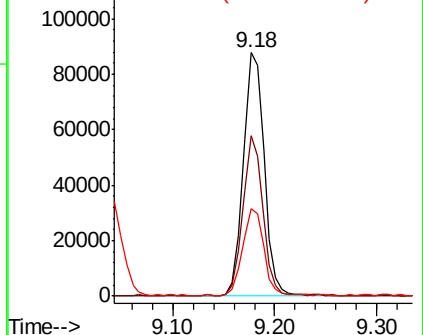


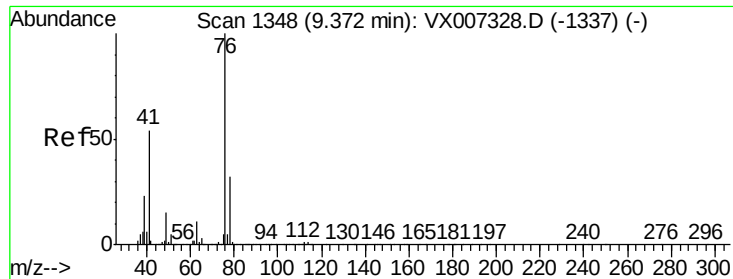
#56
 Ethyl methacrylate
 Concen: 19.371 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion:	69	Resp:	124327
Ion	Ratio	Lower	Upper
69	100		
41	62.9	52.1	78.1
39	36.1	30.1	45.1



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

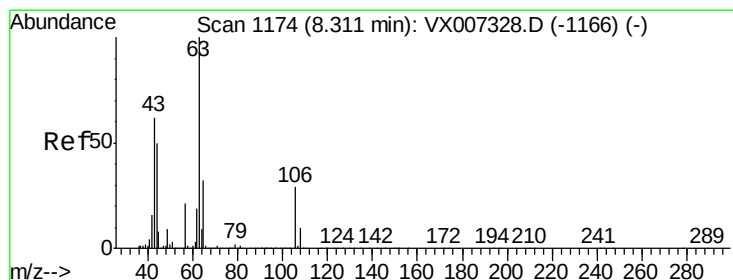
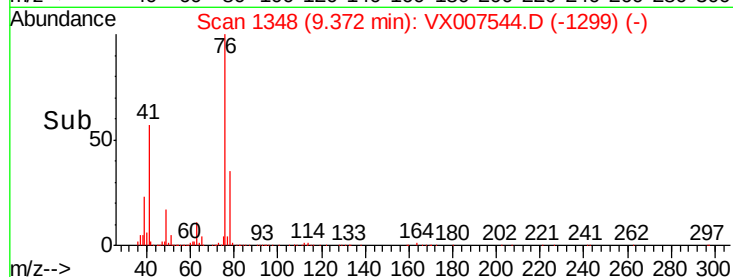
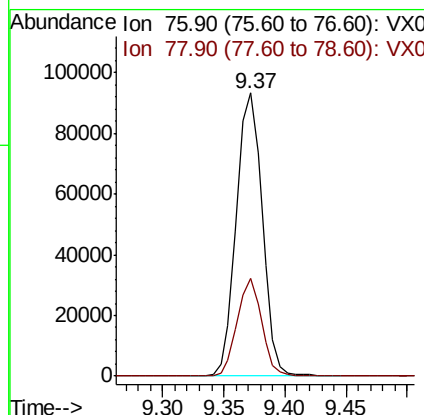
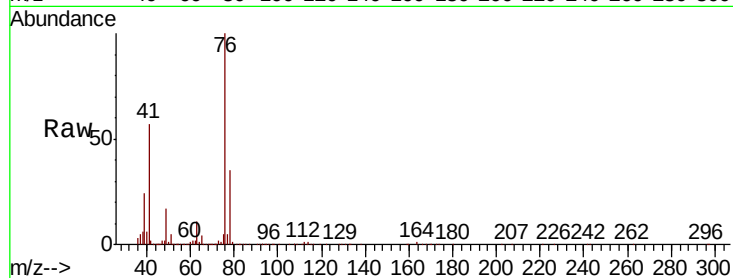




#57
 1,3-Dichloropropane
 Concen: 18.619 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

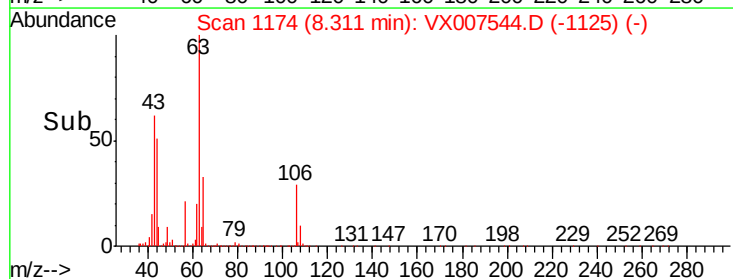
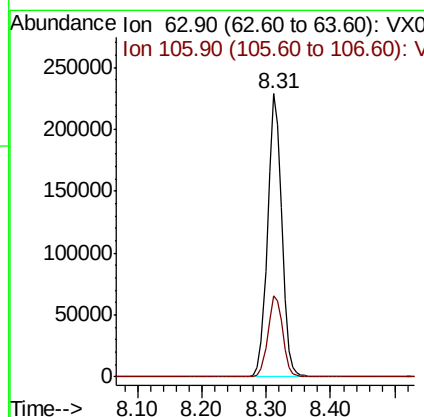
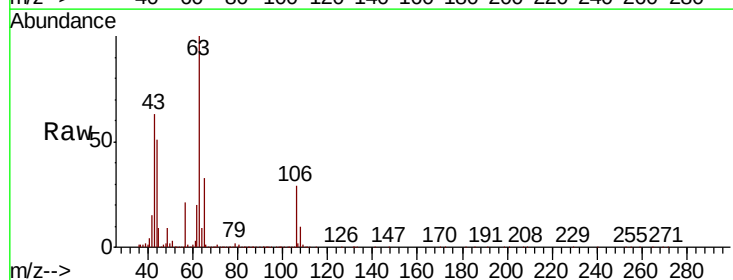
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

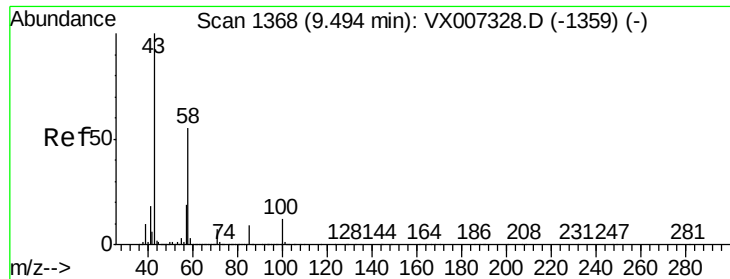
Tgt Ion: 76 Resp: 137210
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.959 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion: 63 Resp: 351681
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.6 35.4

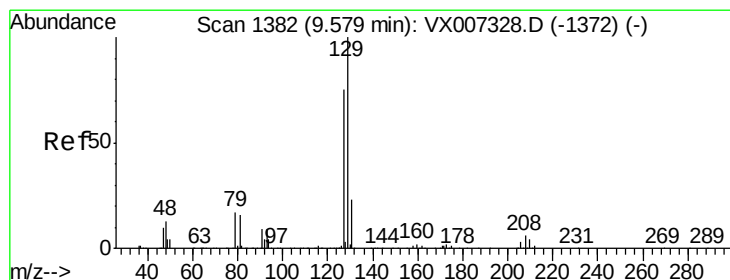
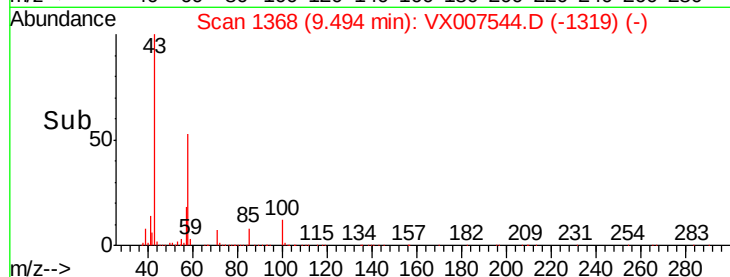
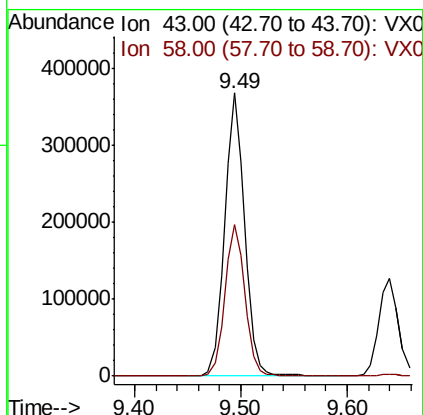
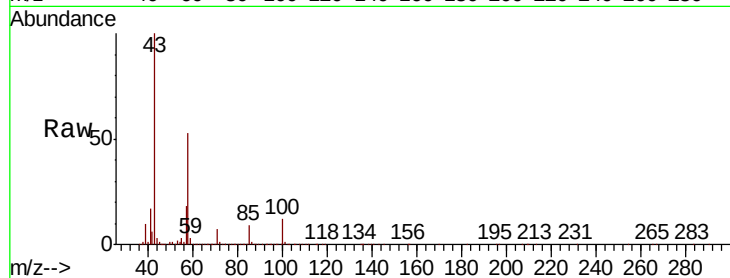




#59
2-Hexanone
Concen: 102.903 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

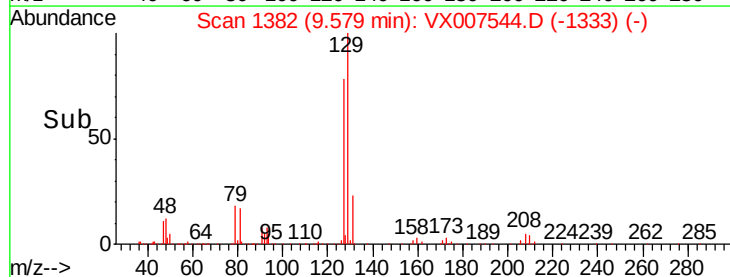
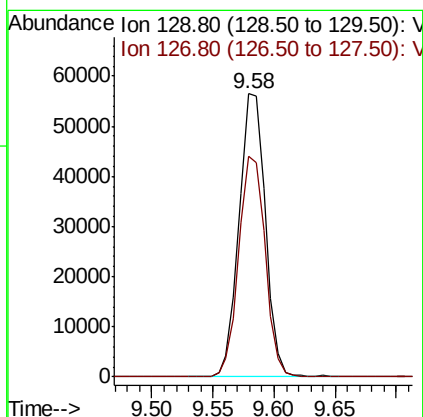
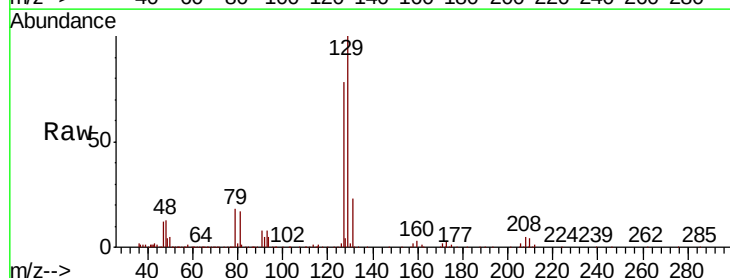
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBSD01

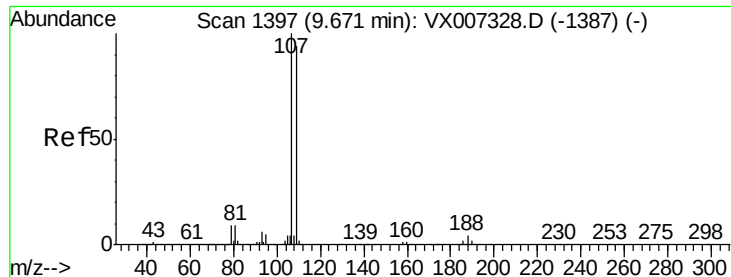
Tgt Ion: 43 Resp: 481108
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3



#60
Dibromochloromethane
Concen: 19.265 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 129 Resp: 84434
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.926 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

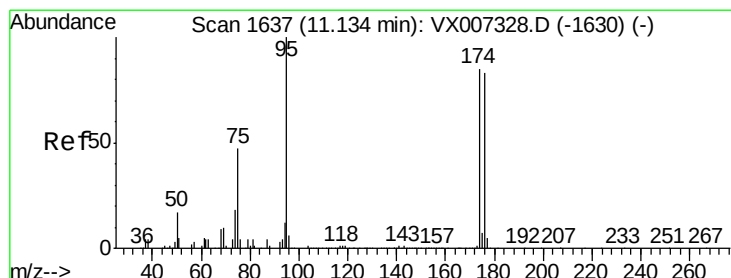
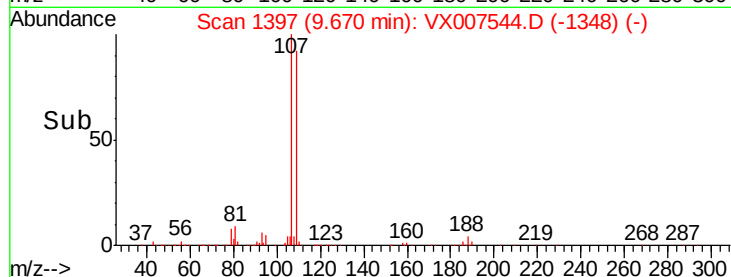
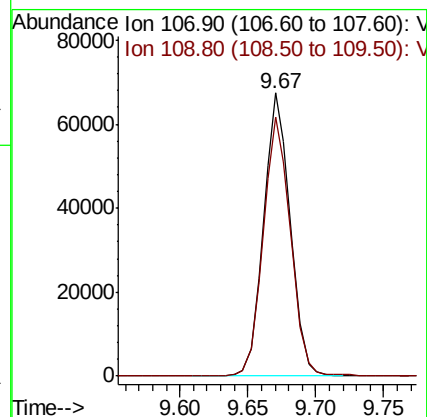
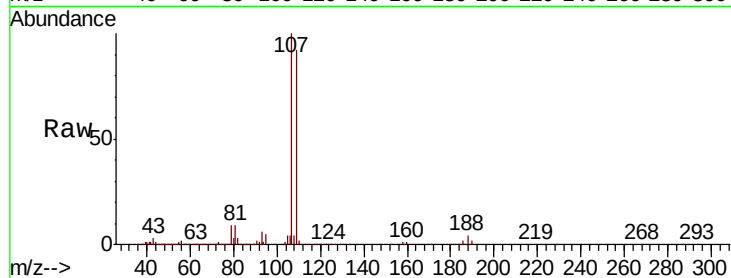
VX0215WBSD01

Tgt Ion: 107 Resp: 92877

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 48.981 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

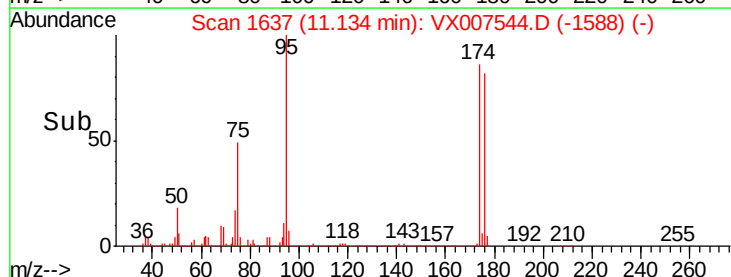
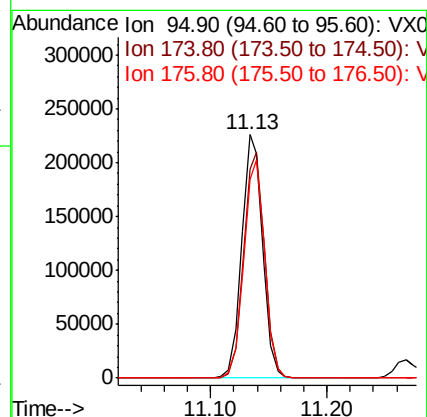
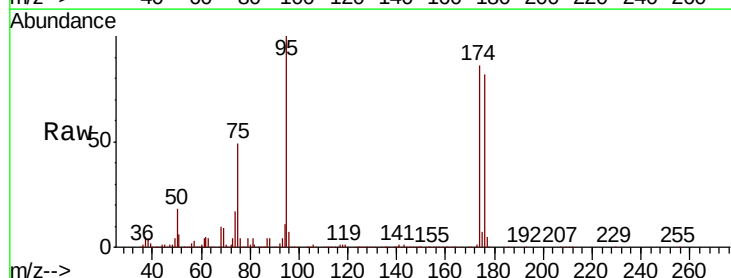
Tgt Ion: 95 Resp: 281441

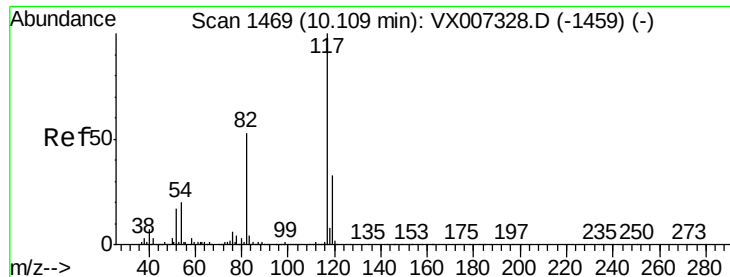
Ion Ratio Lower Upper

95 100

174 93.5 0.0 189.2

176 90.1 0.0 186.2

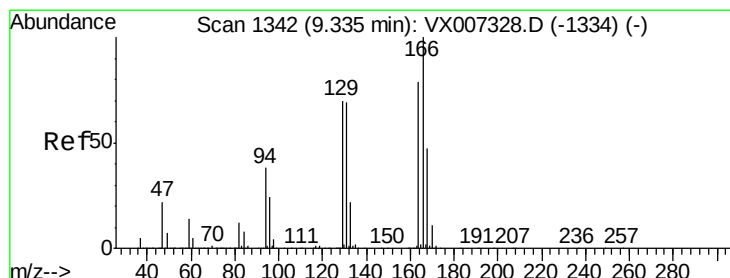
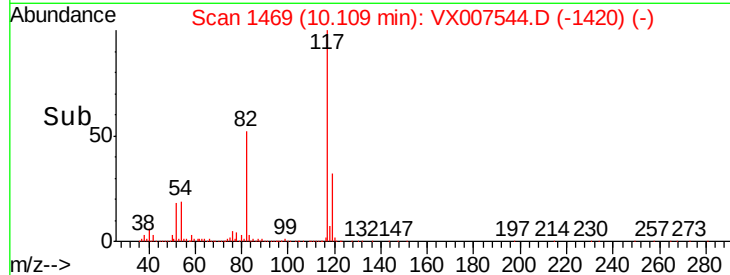
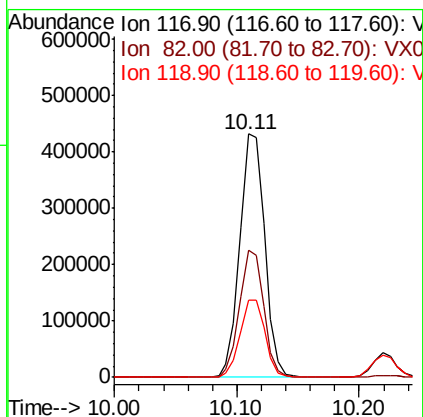
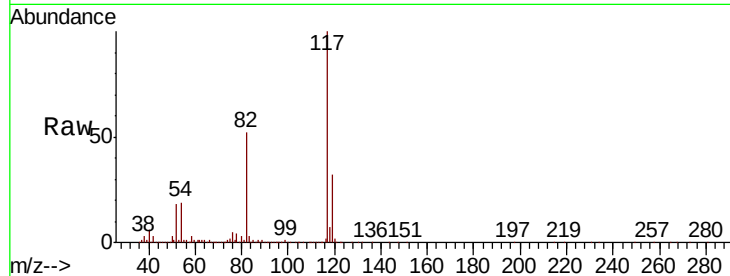




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

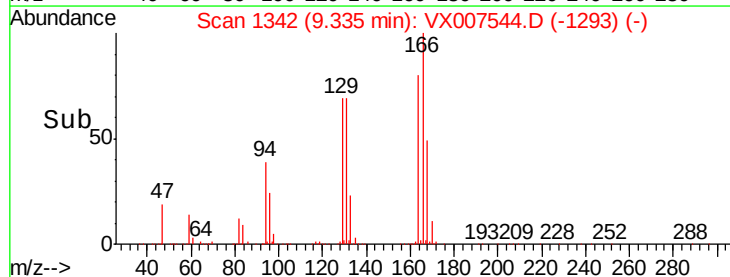
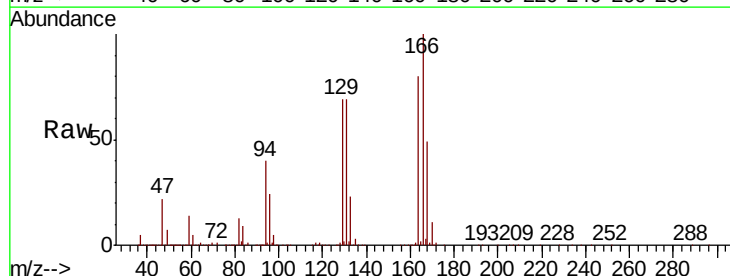
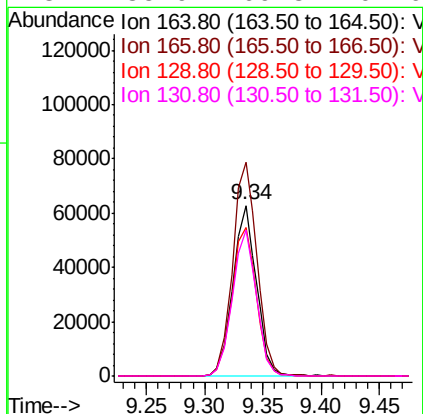
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBSD01

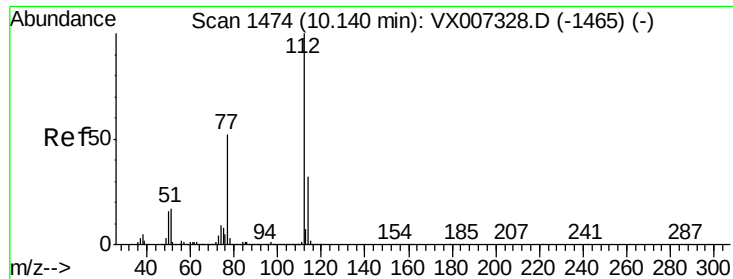
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.1	63.1
119	31.9	26.5	39.7



#64
Tetrachloroethene
Concen: 15.522 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	101.0	151.4
129	86.7	70.5	105.7
131	85.9	69.8	104.6

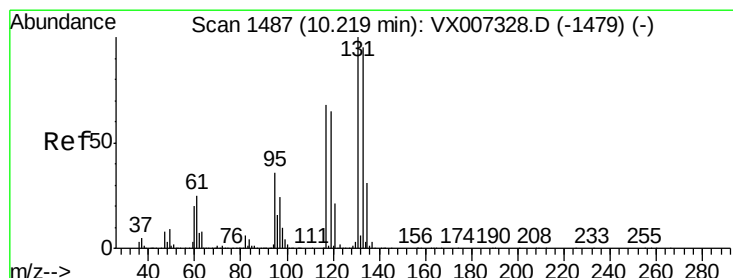
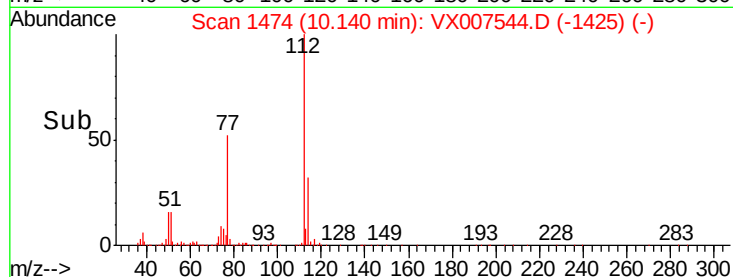
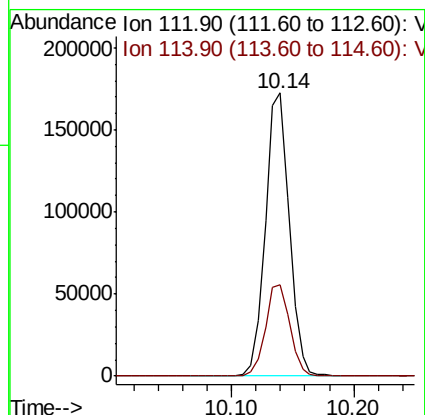
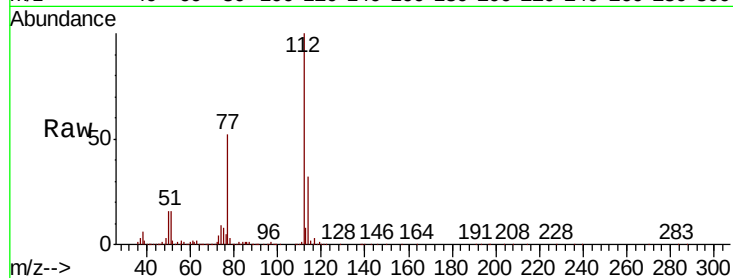




#65
Chlorobenzene
Concen: 17.687 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

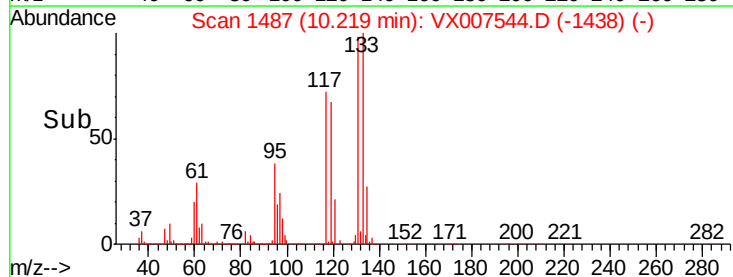
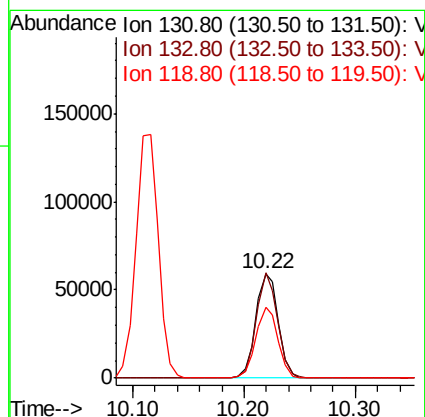
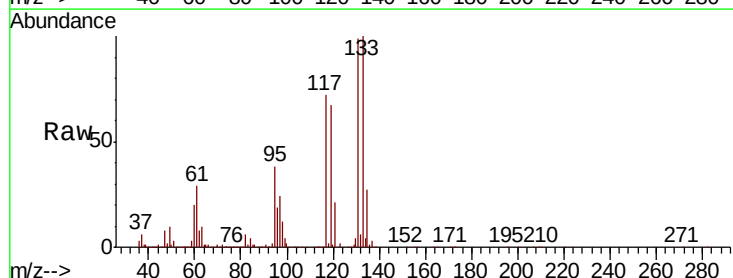
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBSD01

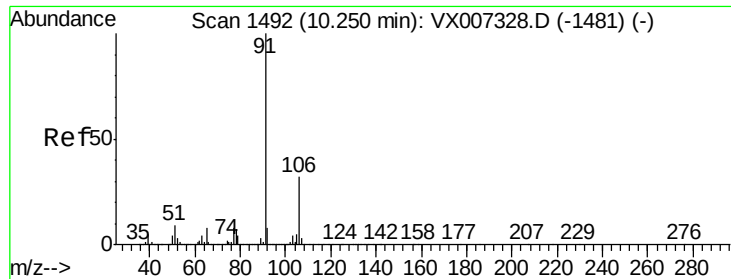
Tgt Ion:112 Resp: 234792
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.679 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion:131 Resp: 83132
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 67.3 32.0 96.0

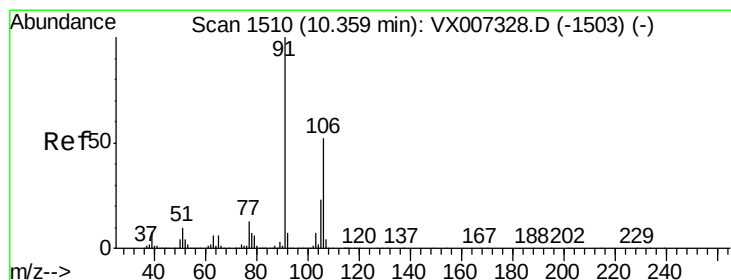
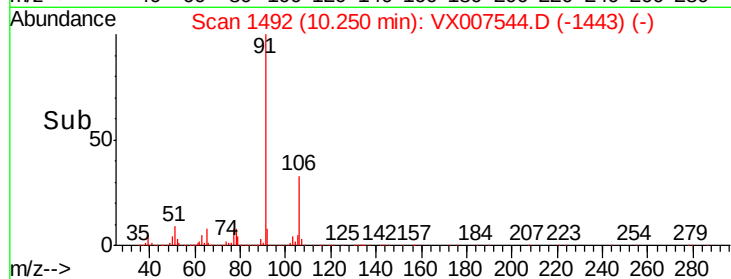
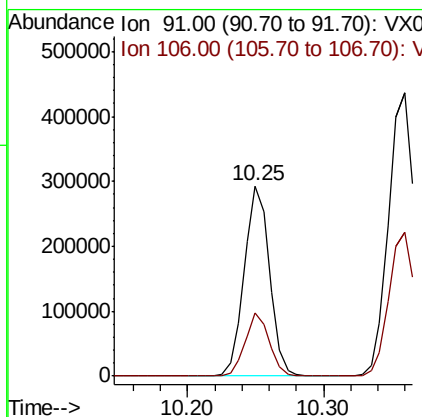
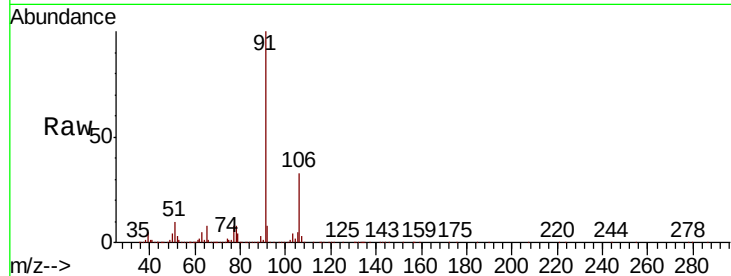




#67
Ethyl Benzene
Concen: 17.803 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

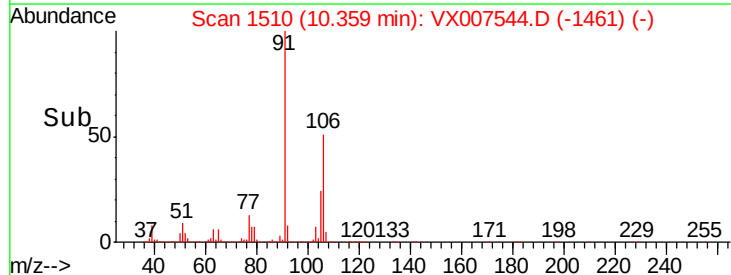
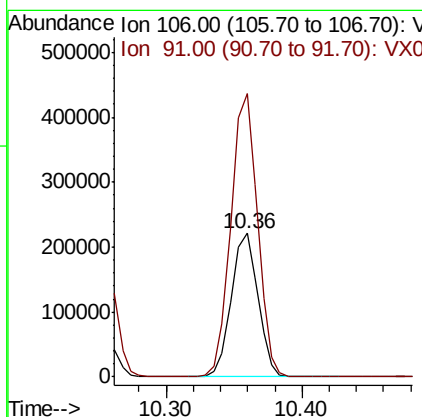
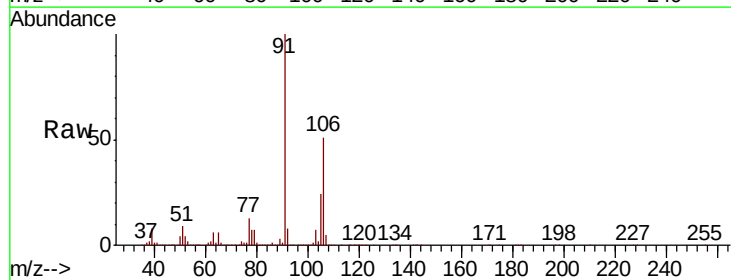
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBSD01

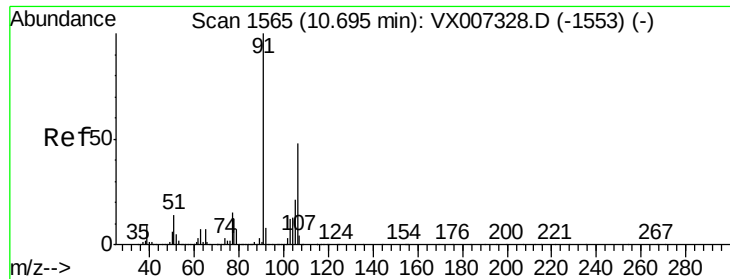
Tgt Ion: 91 Resp: 380582
Ion Ratio Lower Upper
91 100
106 33.0 25.4 38.0



#68
m/p-Xylenes
Concen: 35.535 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion: 106 Resp: 301963
Ion Ratio Lower Upper
106 100
91 197.3 156.6 234.8

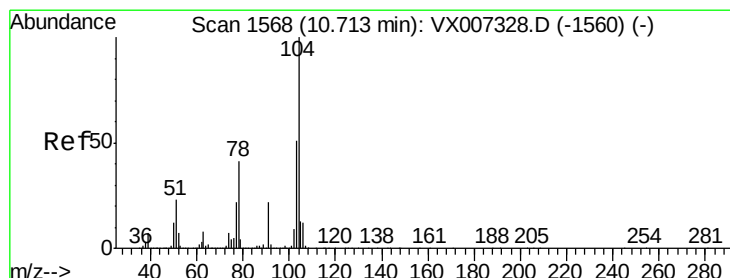
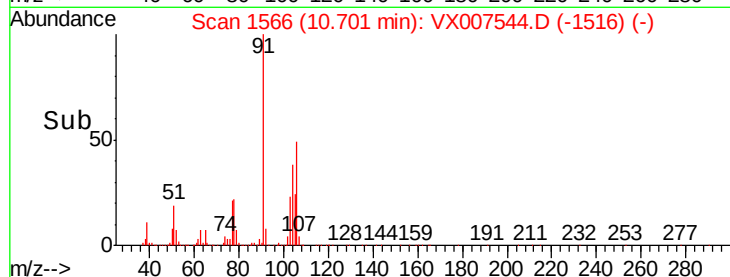
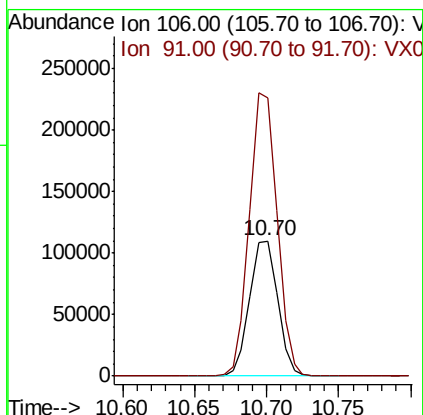
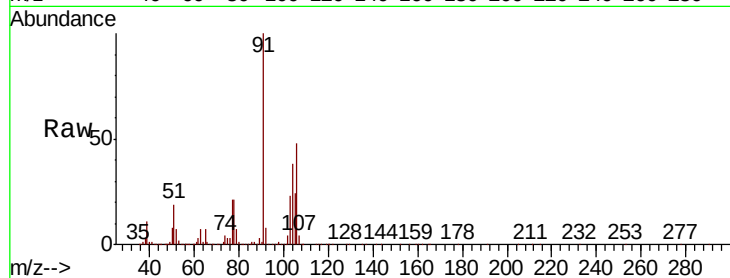




#69
o-Xylene
Concen: 18.211 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

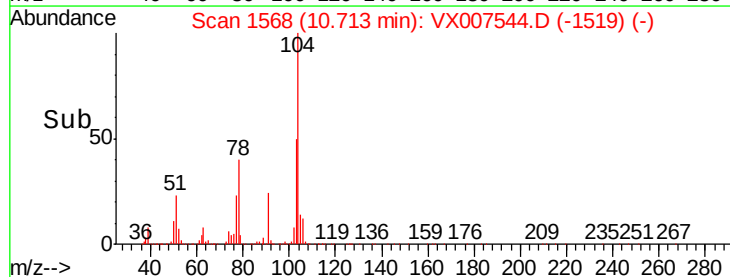
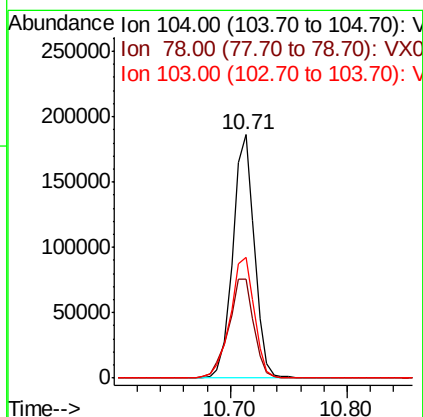
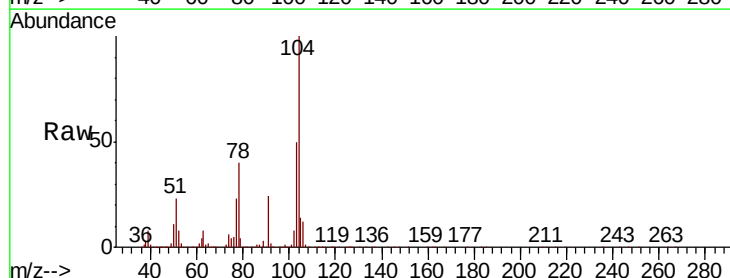
Instrument :
MSVOA_X
ClientSampleId :
VX0215WBSD01

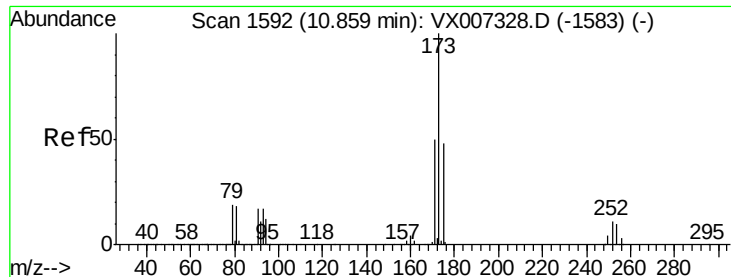
Tgt Ion:106 Resp: 148911
Ion Ratio Lower Upper
106 100
91 206.3 102.9 308.7



#70
Styrene
Concen: 18.156 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007544.D
Acq: 14 Feb 2019 14:35

Tgt Ion:104 Resp: 240769
Ion Ratio Lower Upper
104 100
78 46.8 38.3 57.5
103 55.3 44.6 67.0





#71

Bromoform

Concen: 18.858 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

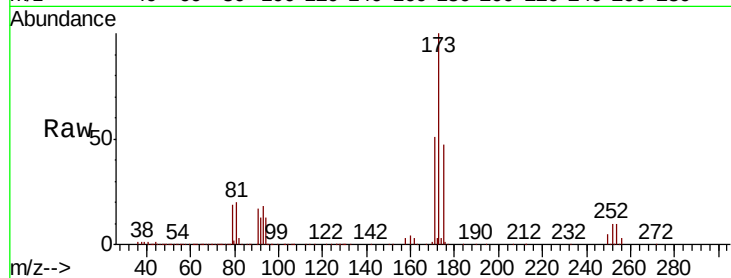
Tgt Ion:173 Resp: 62958

Ion Ratio Lower Upper

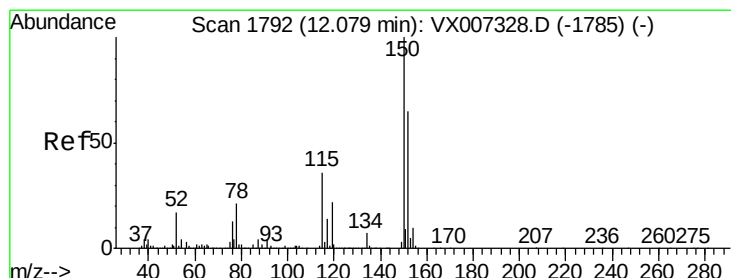
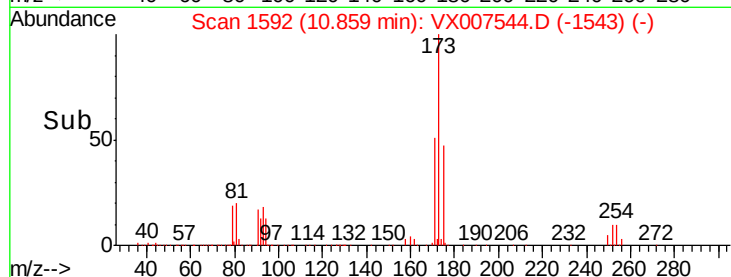
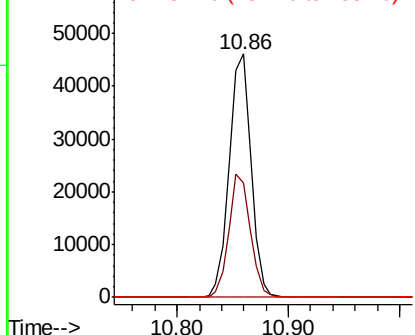
173 100

175 50.0 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: VX007544.D

Acq: 14 Feb 2019 14:35

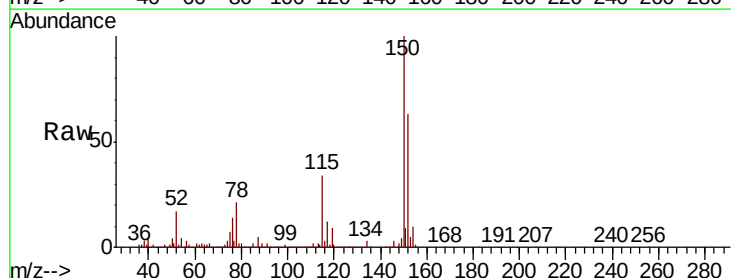
Tgt Ion:152 Resp: 312702

Ion Ratio Lower Upper

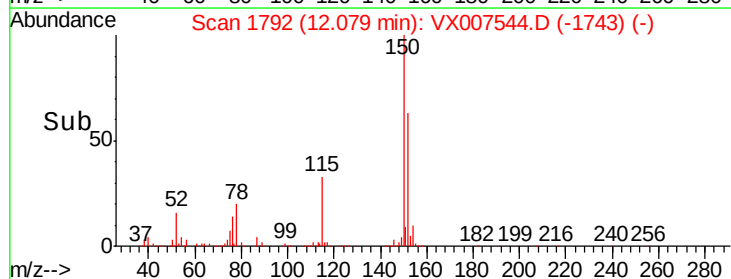
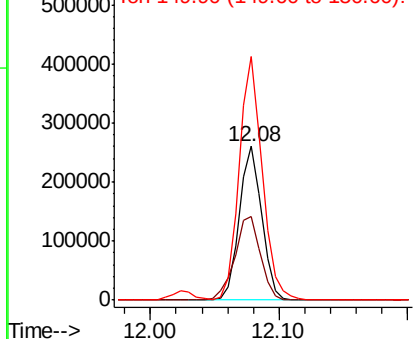
152 100

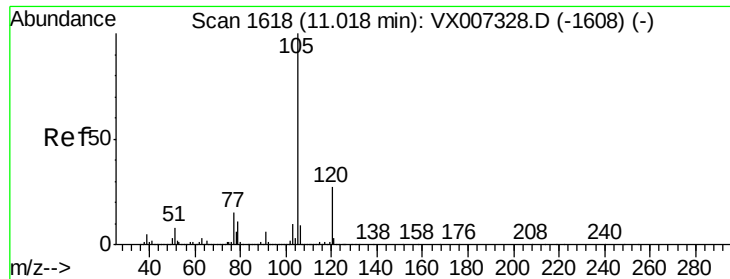
115 62.7 38.0 114.0

150 163.2 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: 18.592 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

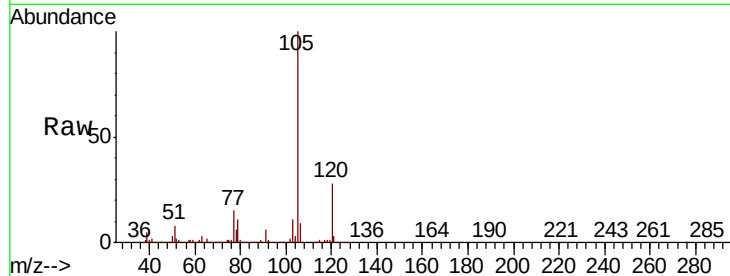
VX0215WBSD01

Tgt Ion: 105 Resp: 395069

Ion Ratio Lower Upper

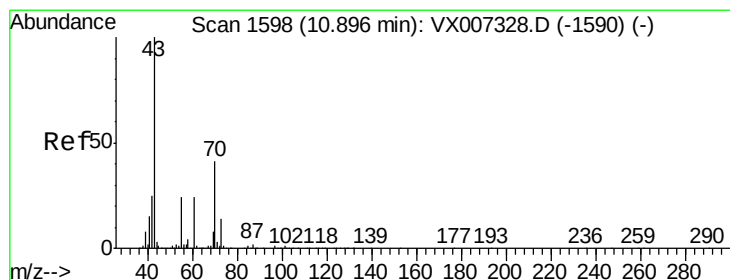
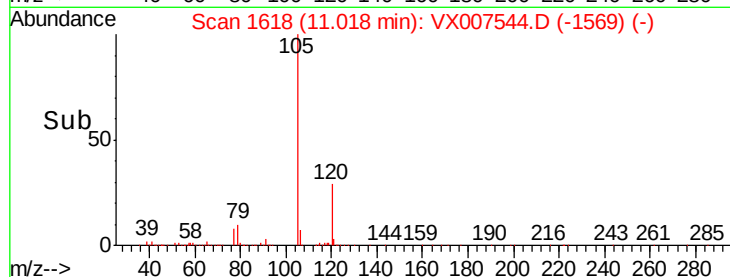
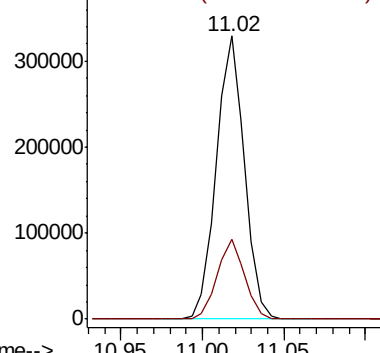
105 100

120 27.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.446 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Tgt Ion: 43 Resp: 159828

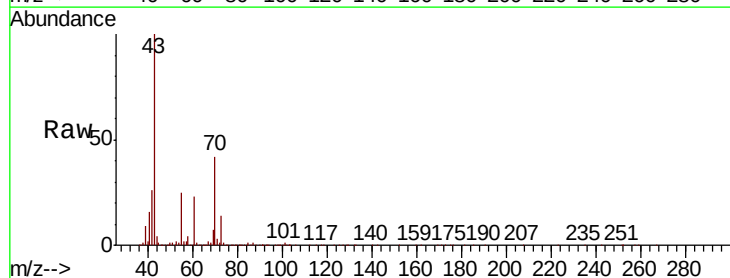
Ion Ratio Lower Upper

43 100

70 44.2 33.8 50.6

55 25.5 19.5 29.3

61 24.1 19.4 29.2

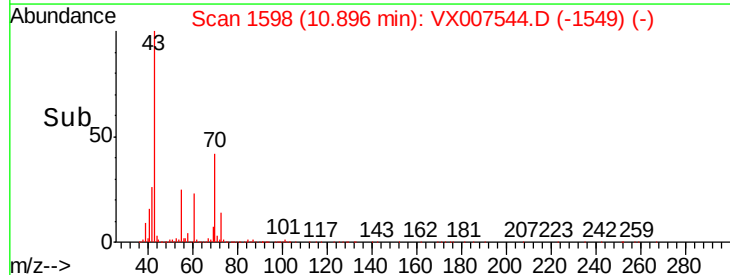
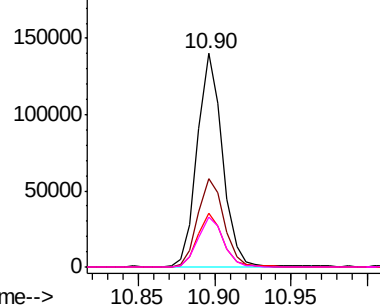


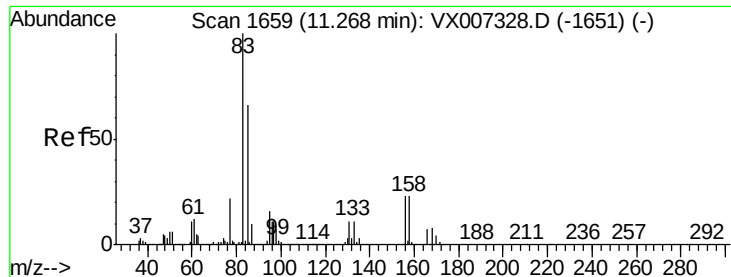
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.681 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

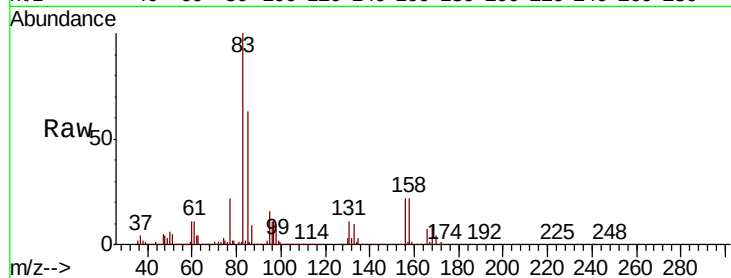
Tgt Ion: 83 Resp: 133931

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

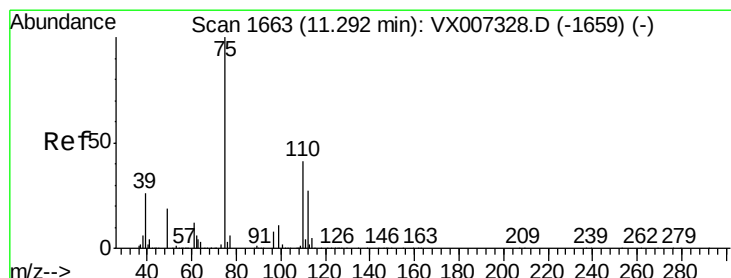
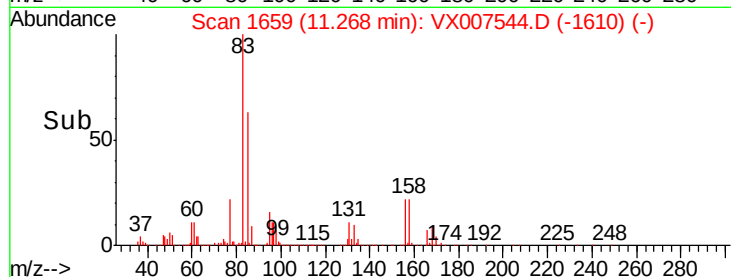
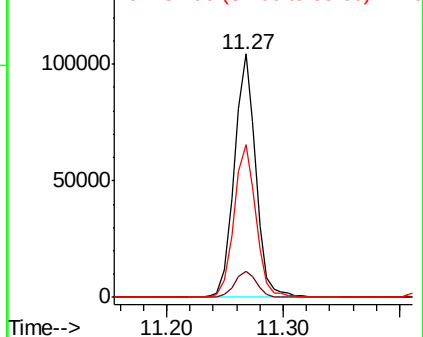
85 64.4 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.325 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007544.D

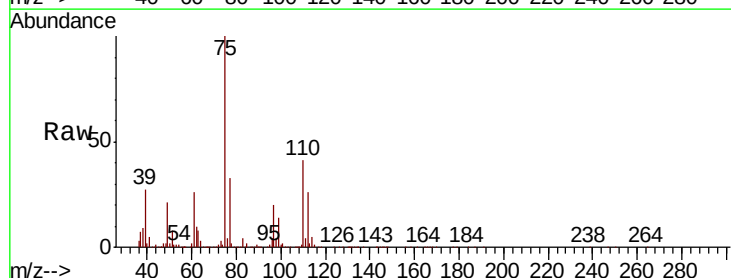
Acq: 14 Feb 2019 14:35

Tgt Ion: 75 Resp: 141875

Ion Ratio Lower Upper

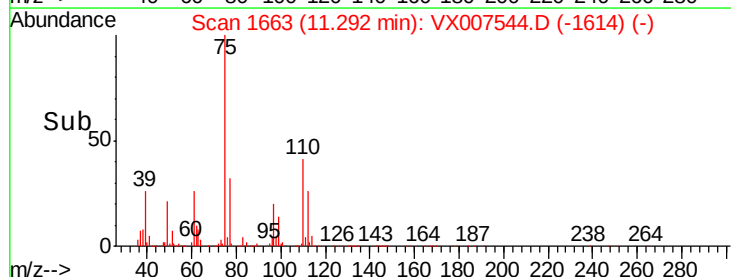
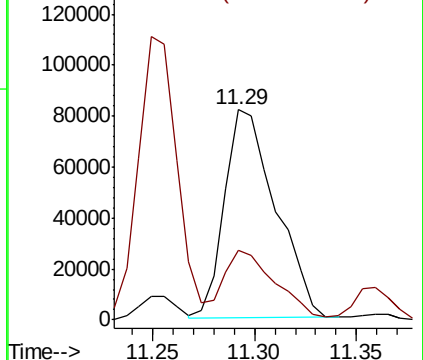
75 100

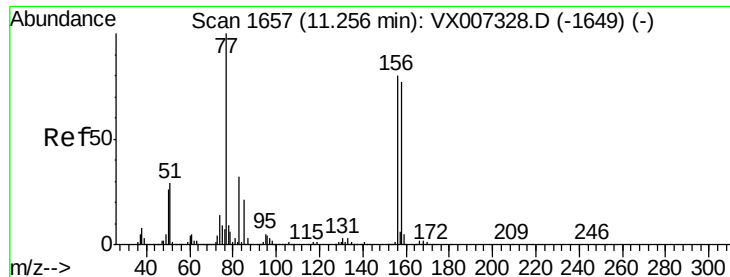
77 34.4 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.215 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

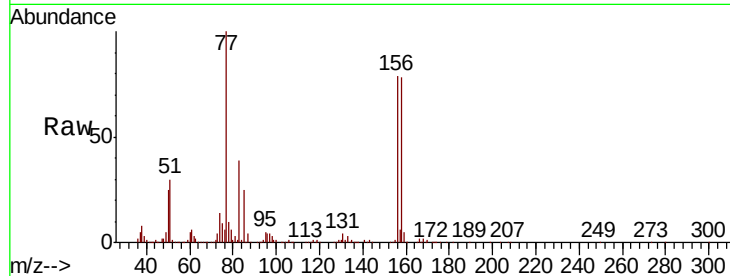
Tgt Ion: 156 Resp: 109057

Ion Ratio Lower Upper

156 100

77 133.8 66.8 200.6

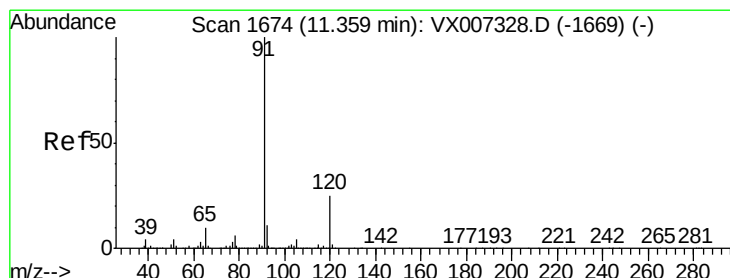
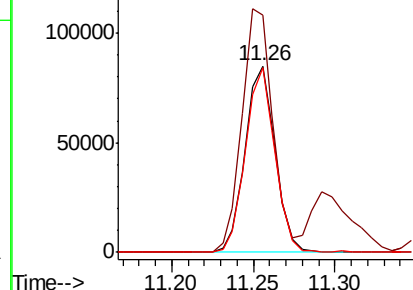
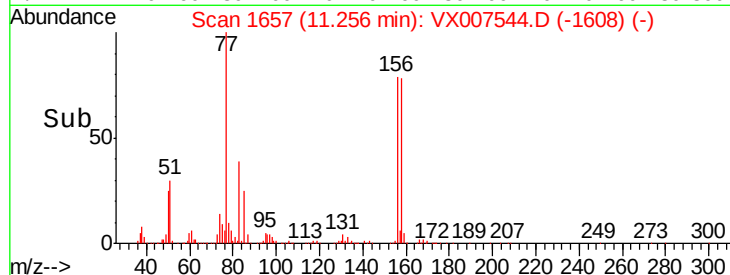
158 97.0 47.9 143.8



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: 18.643 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007544.D

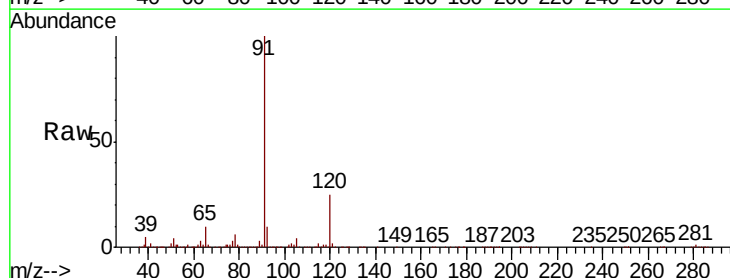
Acq: 14 Feb 2019 14:35

Tgt Ion: 91 Resp: 434418

Ion Ratio Lower Upper

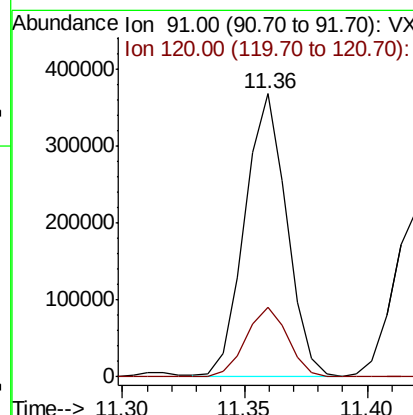
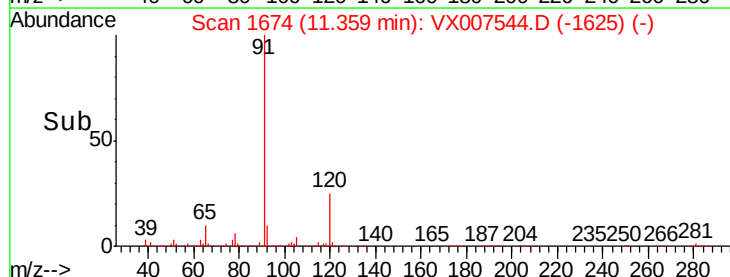
91 100

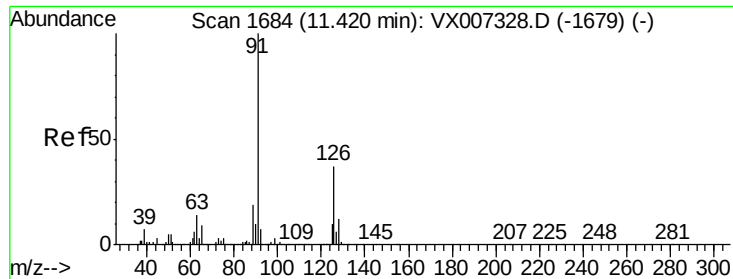
120 24.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

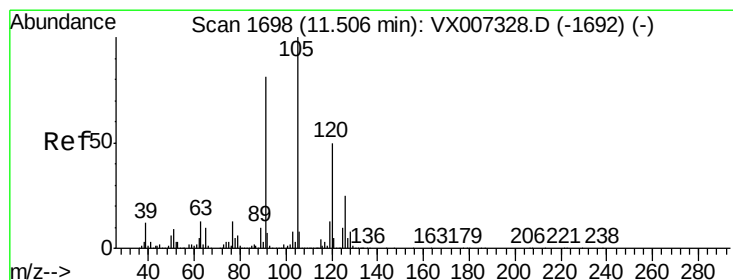
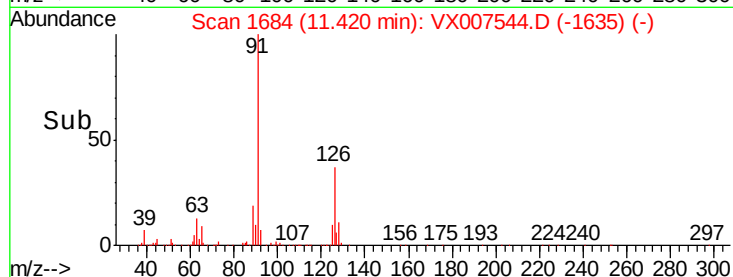
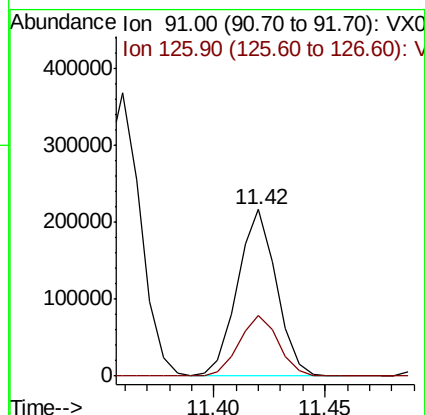
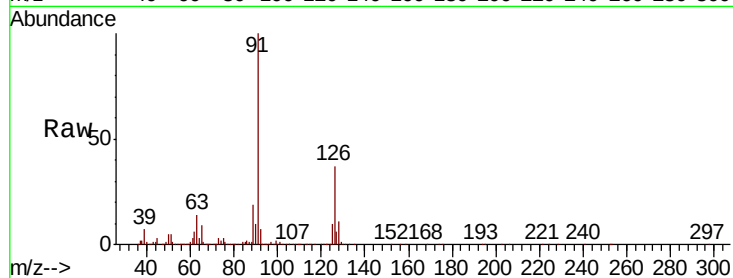




#79
 2-Chlorotoluene
 Concen: 18.534 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

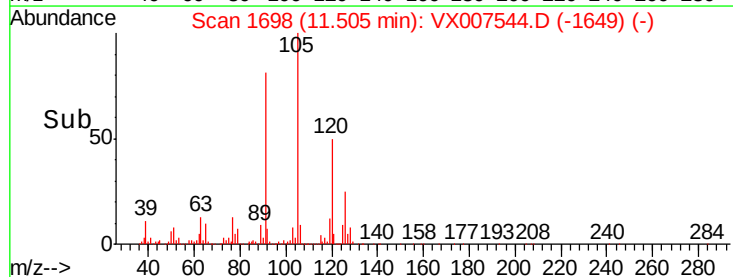
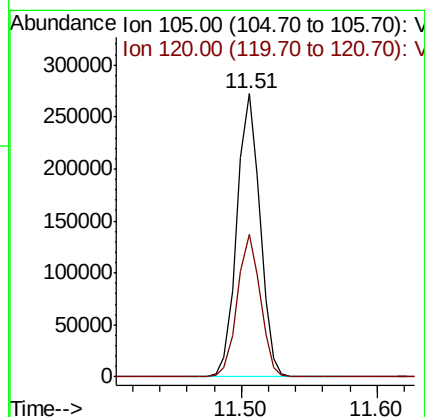
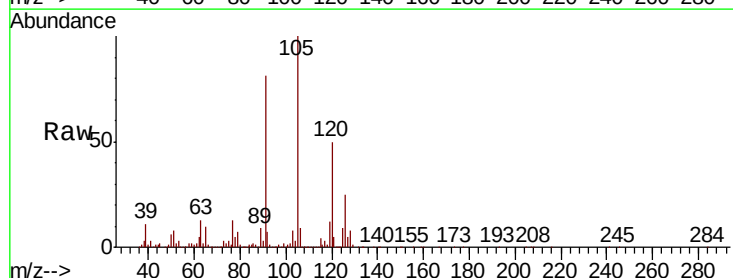
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

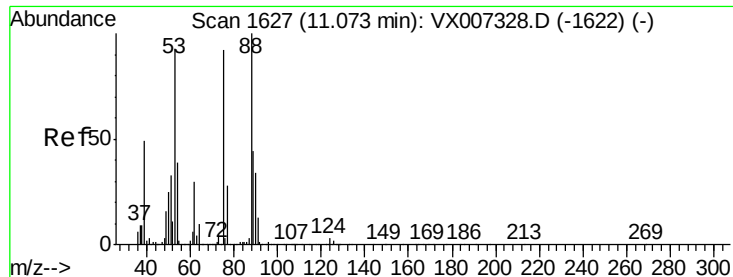
Tgt Ion: 91 Resp: 262058
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.501 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion: 105 Resp: 321639
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.604 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

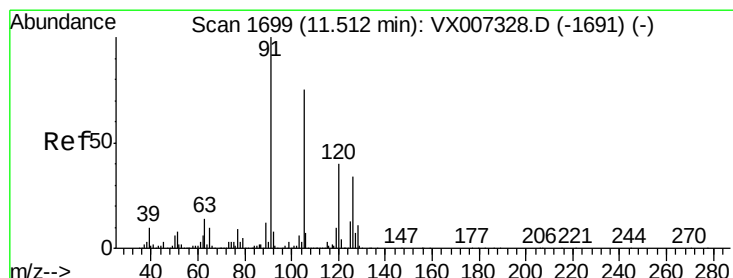
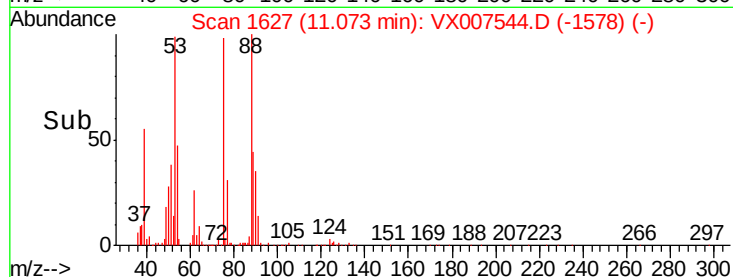
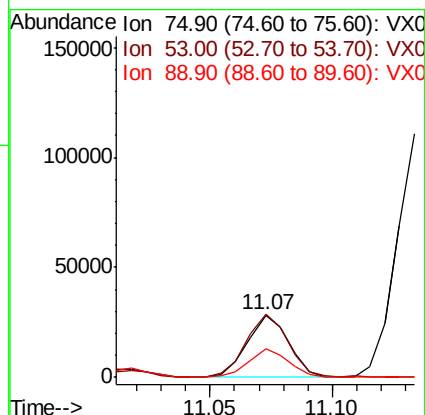
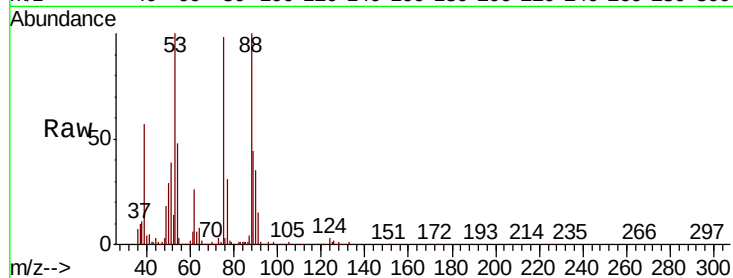
Tgt Ion: 75 Resp: 33052

Ion Ratio Lower Upper

75 100

53 104.7 81.0 121.6

89 46.4 41.4 62.0



#82

4-Chlorotoluene

Concen: 18.127 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007544.D

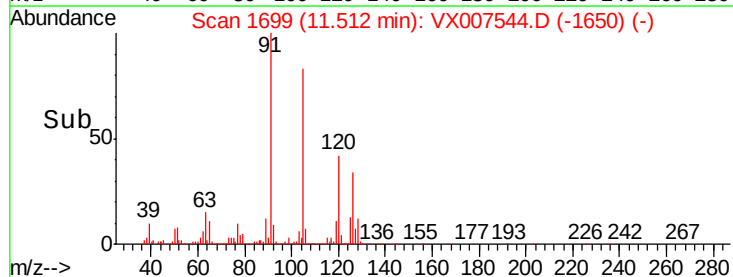
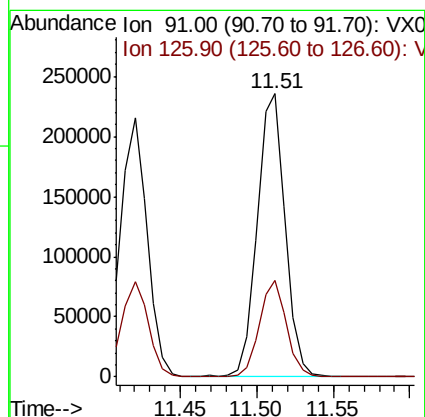
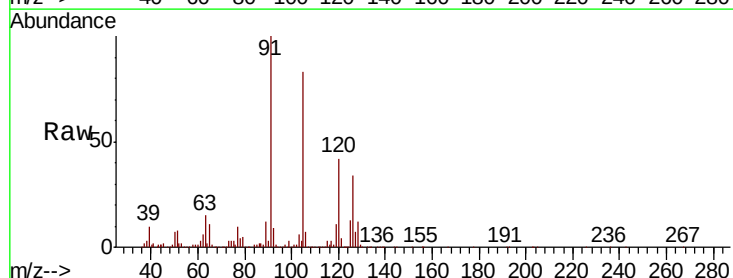
Acq: 14 Feb 2019 14:35

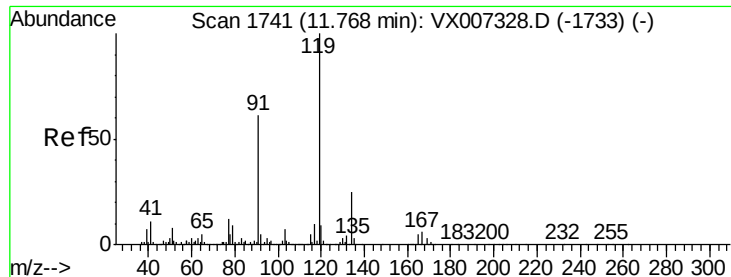
Tgt Ion: 91 Resp: 296567

Ion Ratio Lower Upper

91 100

126 33.1 16.2 48.5

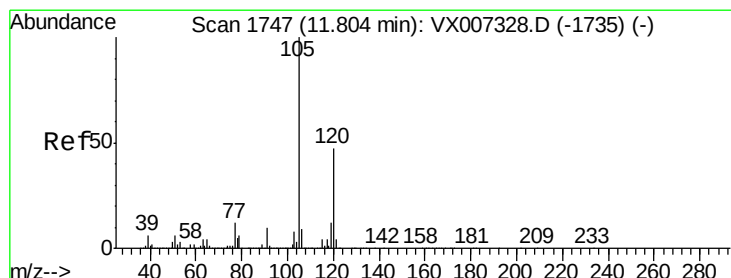
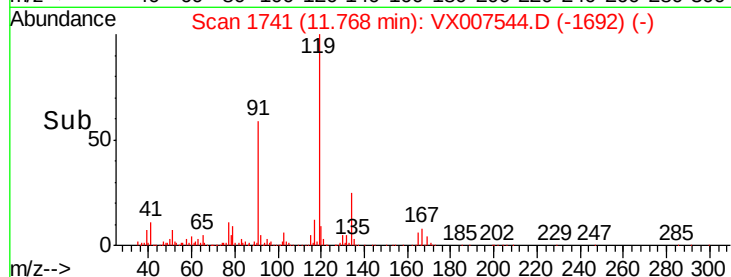
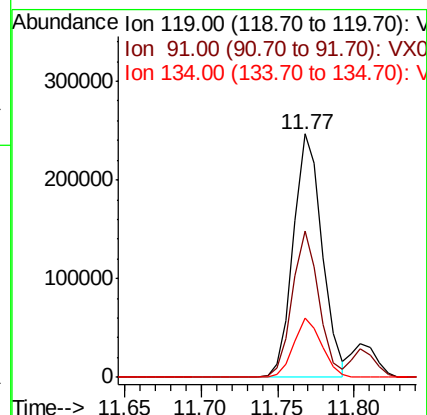
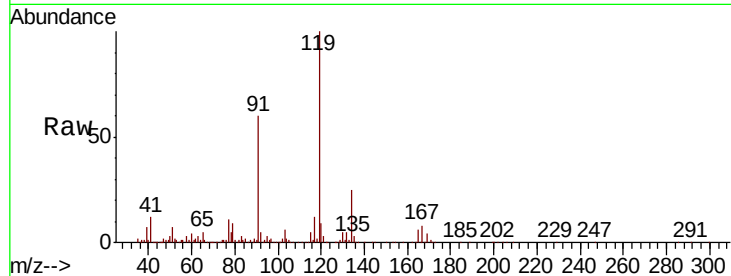




#83
 tert-Butylbenzene
 Concen: 18.645 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

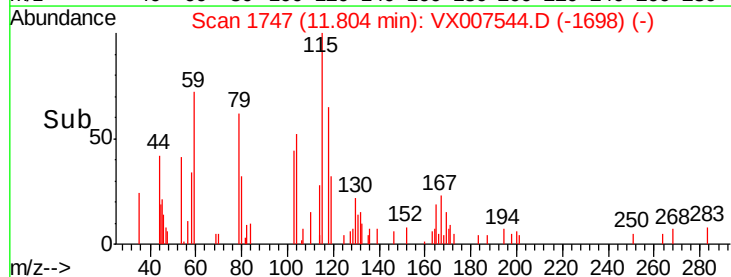
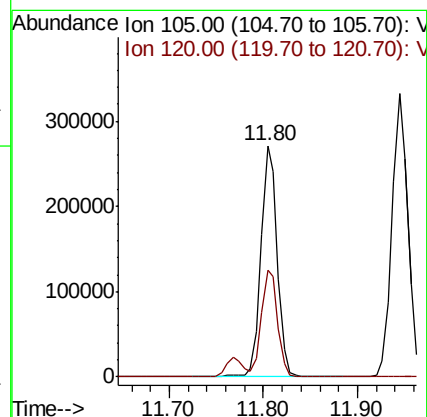
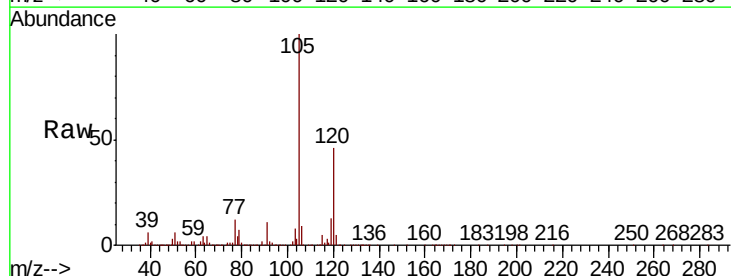
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

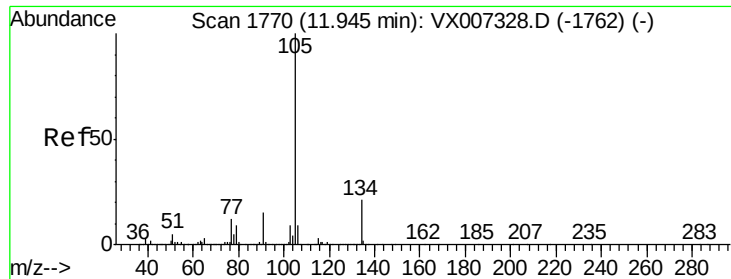
Tgt Ion:119 Resp: 320912
 Ion Ratio Lower Upper
 119 100
 91 55.7 28.5 85.6
 134 23.8 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.788 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion:105 Resp: 331608
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.3





#85

sec-Butylbenzene

Concen: 18.742 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

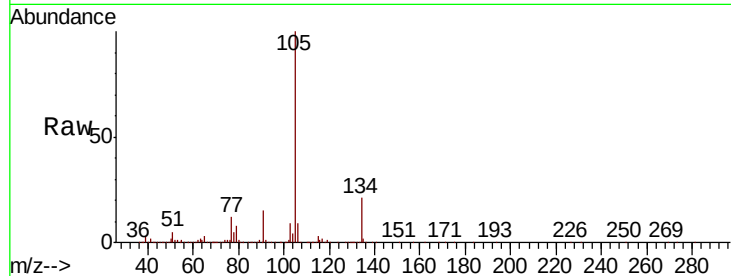
VX0215WBSD01

Tgt Ion:105 Resp: 390430

Ion Ratio Lower Upper

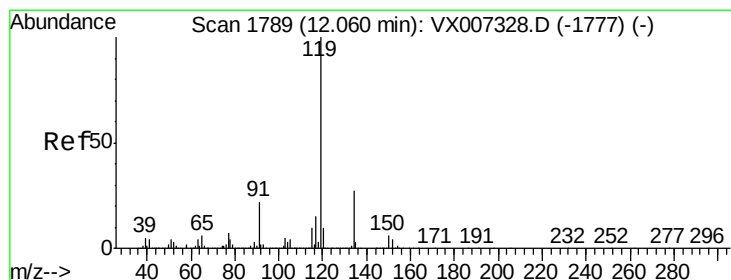
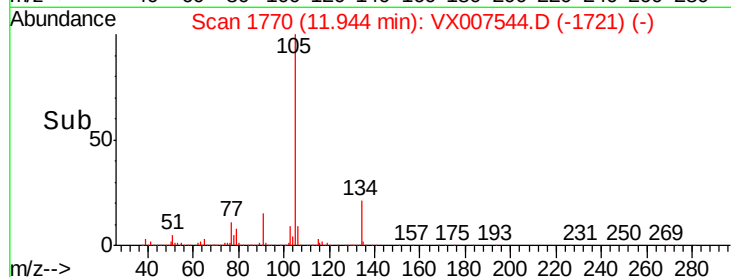
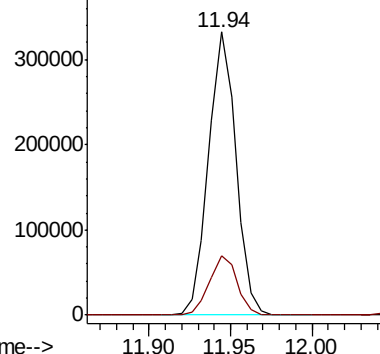
105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.250 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

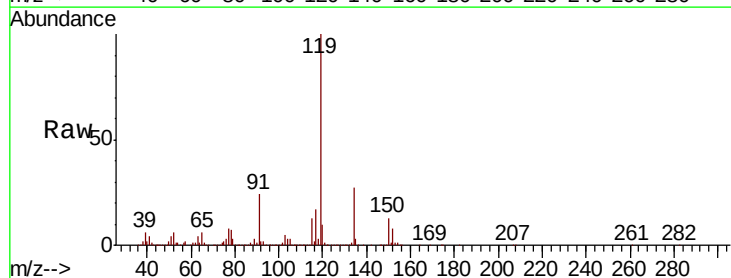
Tgt Ion:119 Resp: 343189

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

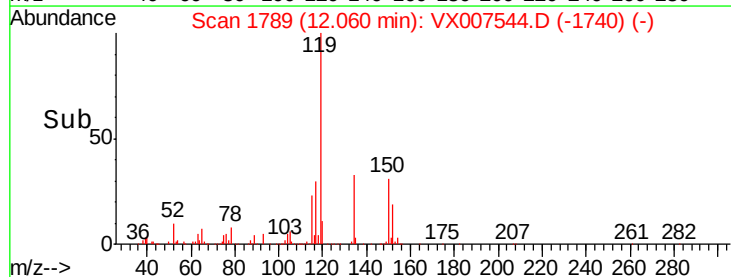
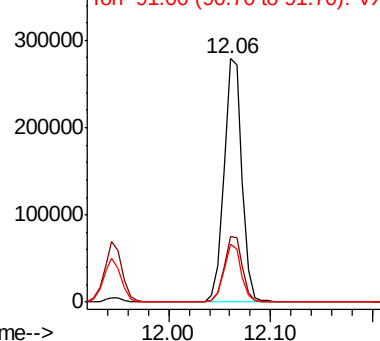
91 22.8 11.2 33.5

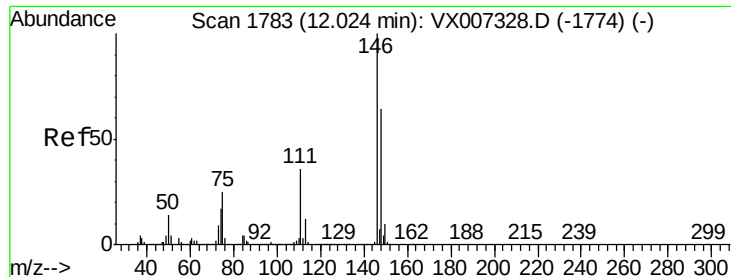


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

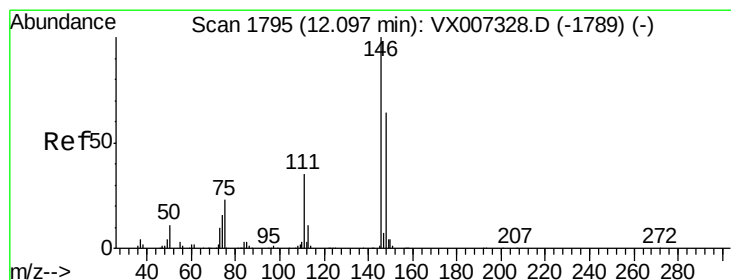
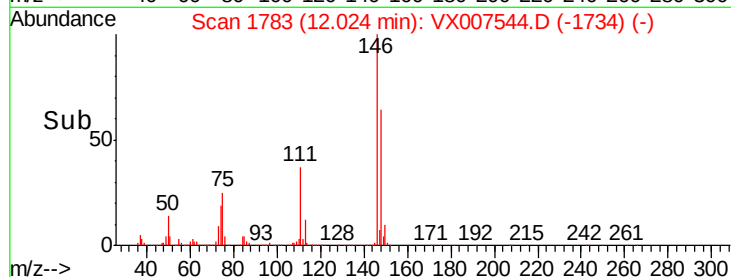
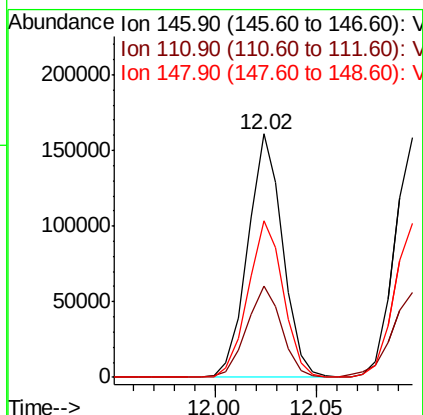
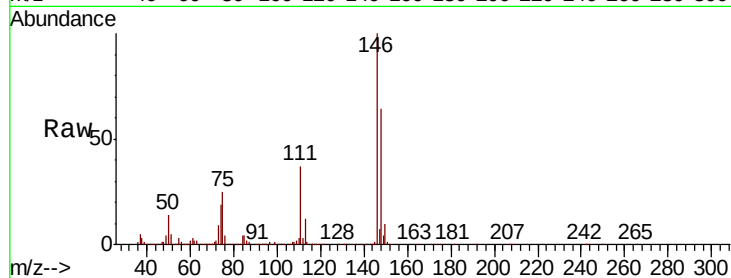




#87
 1,3-Dichlorobenzene
 Concen: 17.737 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

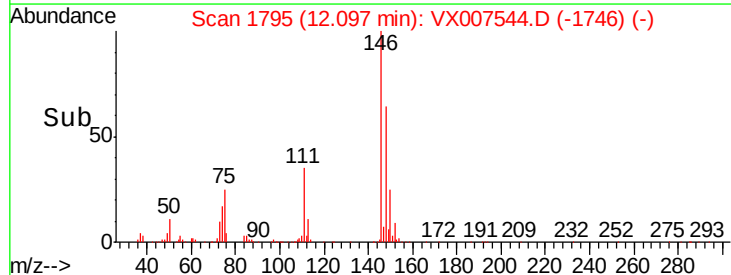
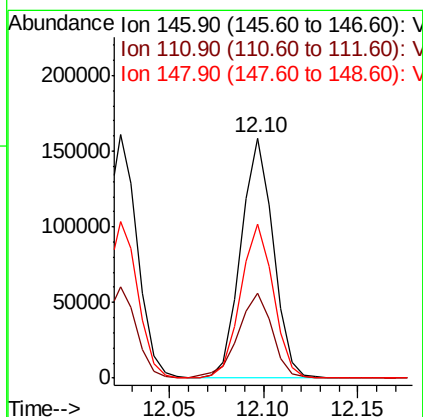
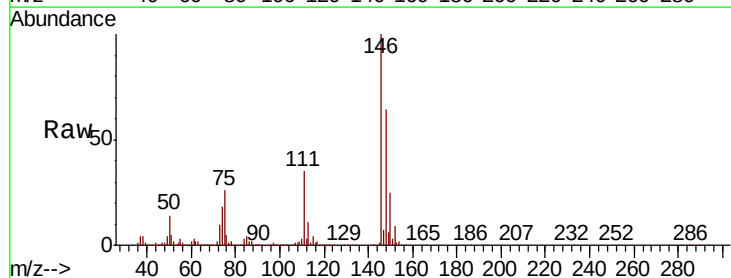
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

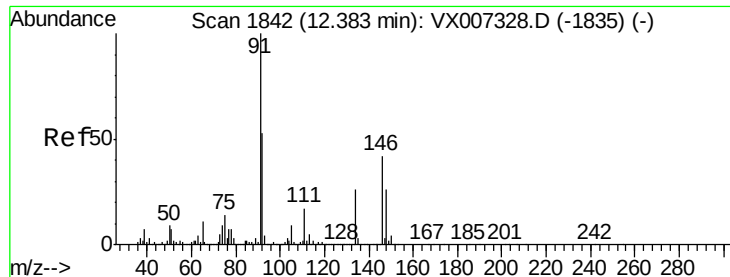
Tgt Ion:146 Resp: 190583
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.1 54.1
 148 65.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.270 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion:146 Resp: 188263
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.1 54.1
 148 65.6 32.3 96.9





#89

n-Butylbenzene

Concen: 17.677 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

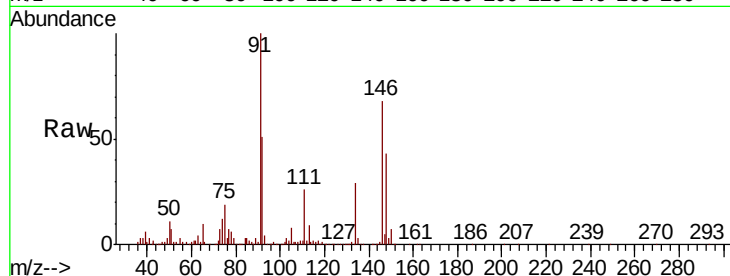
Tgt Ion: 91 Resp: 285952

Ion Ratio Lower Upper

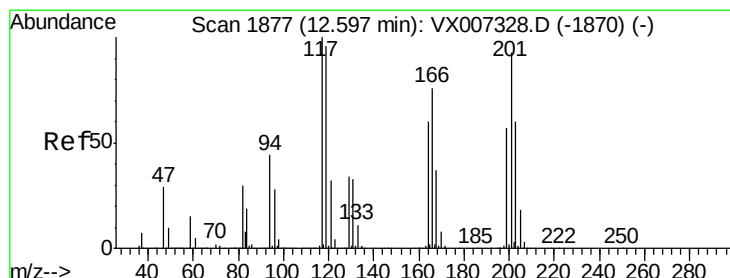
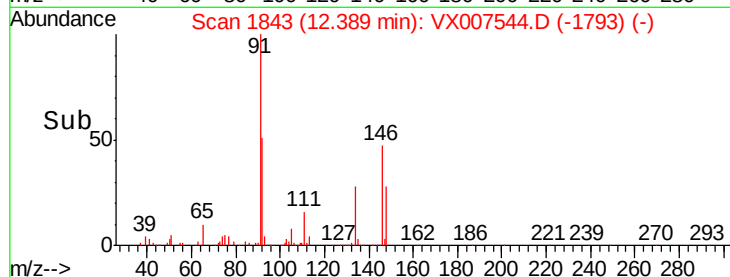
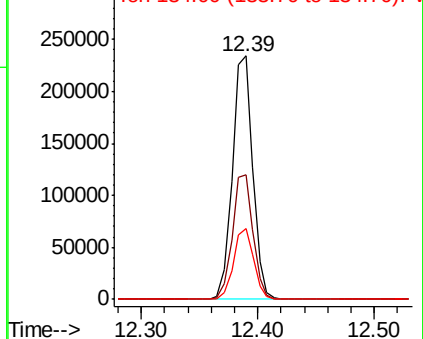
91 100

92 51.8 26.3 78.9

134 28.6 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.034 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007544.D

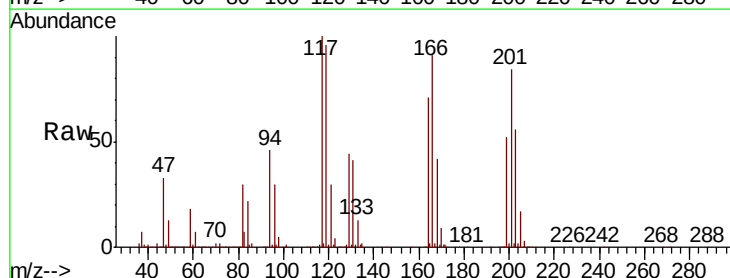
Acq: 14 Feb 2019 14:35

Tgt Ion: 117 Resp: 53571

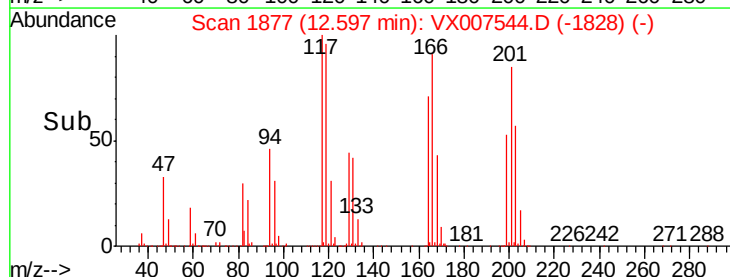
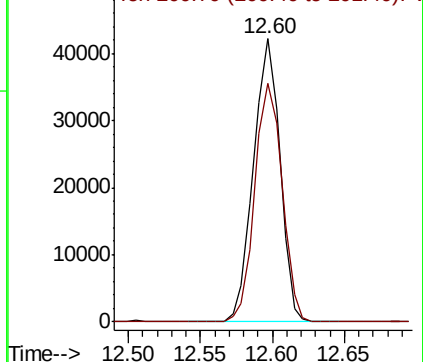
Ion Ratio Lower Upper

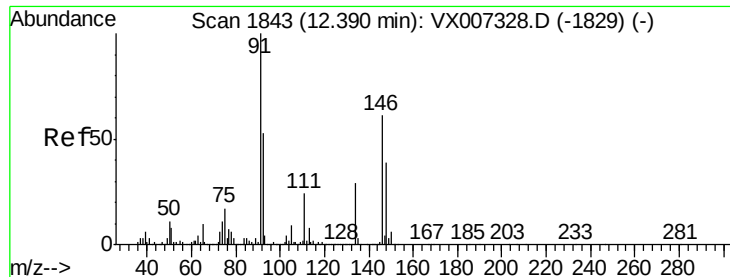
117 100

201 86.6 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.370 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

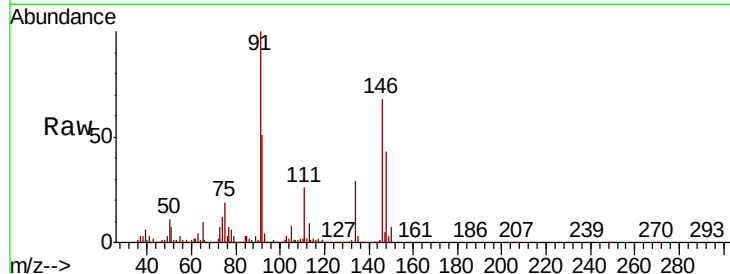
Tgt Ion:146 Resp: 196442

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.3

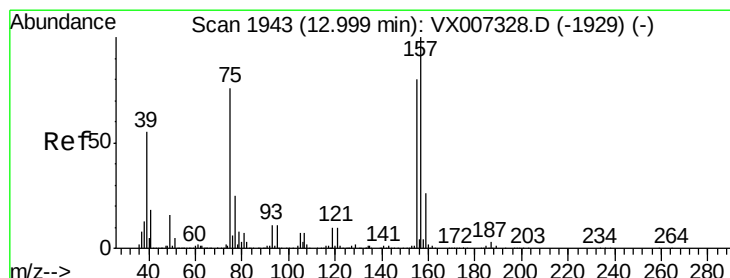
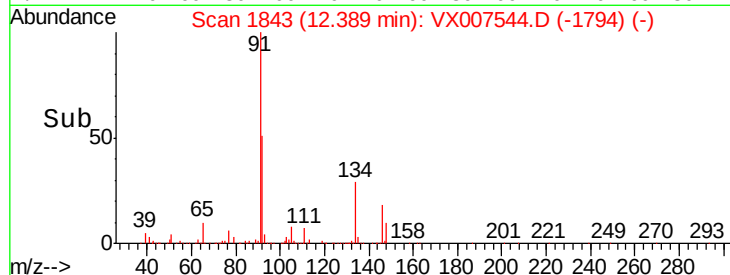
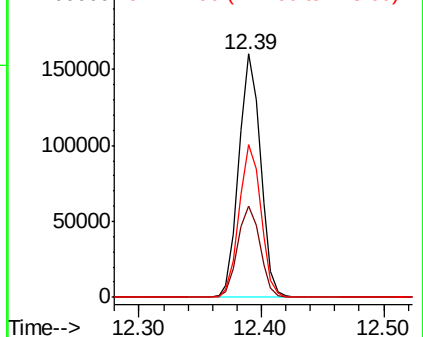
148 63.0 32.1 96.3



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: 20.512 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

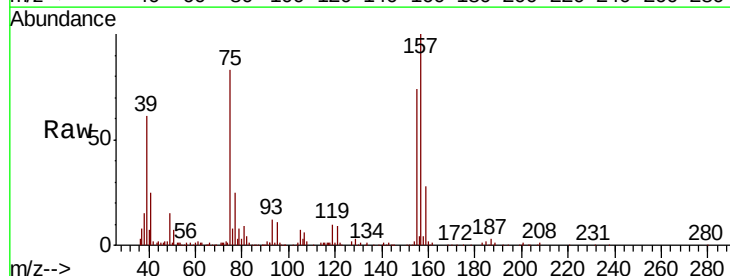
Tgt Ion: 75 Resp: 27621

Ion Ratio Lower Upper

75 100

155 96.2 49.6 149.0

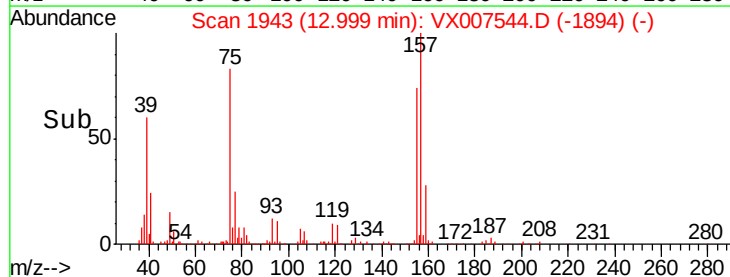
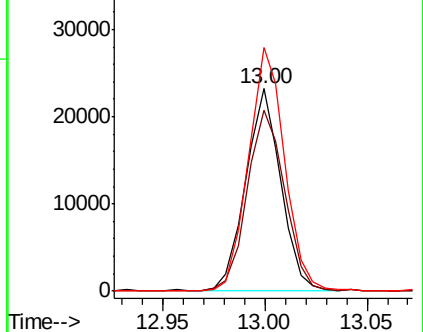
157 124.9 65.1 195.3

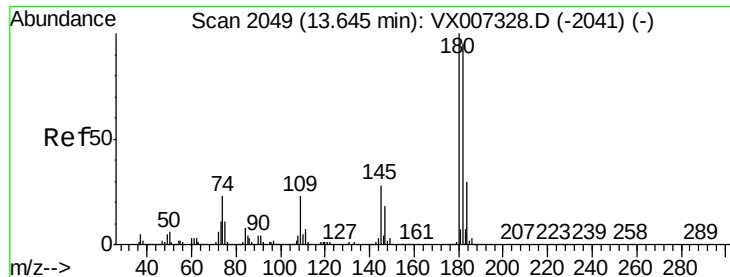


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

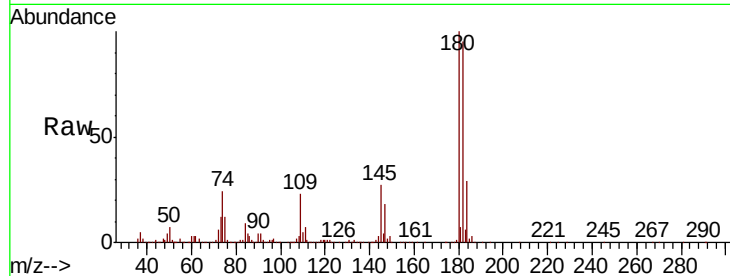




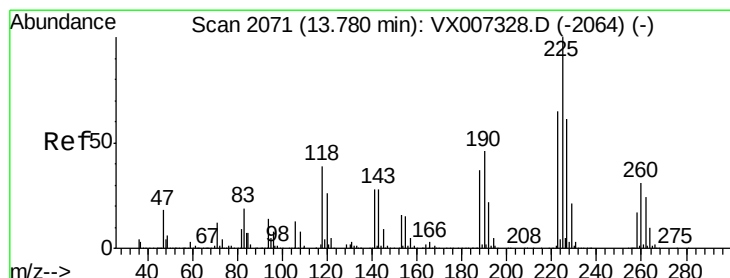
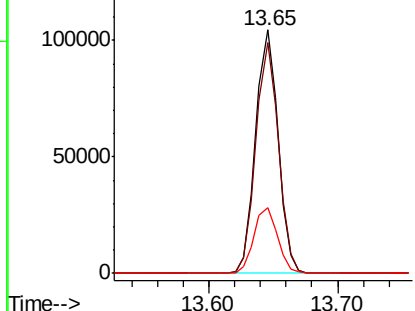
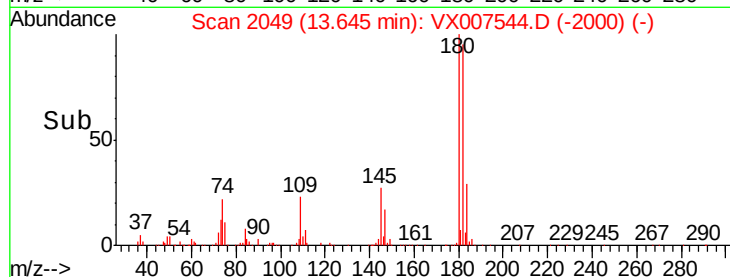
#93
 1,2,4-Trichlorobenzene
 Concen: 17.327 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0215WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.8	143.3
145	28.4	14.1	42.2

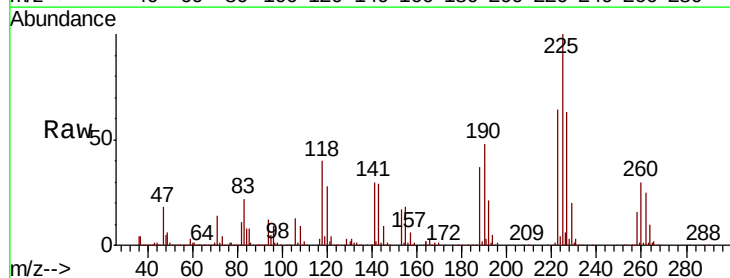


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

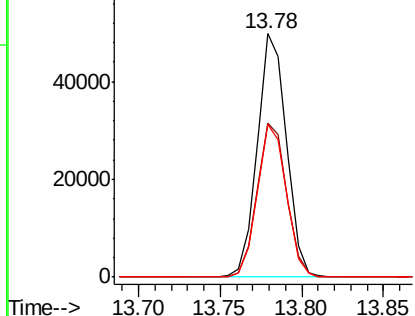
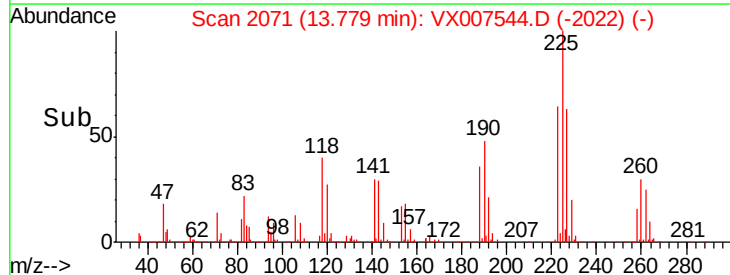


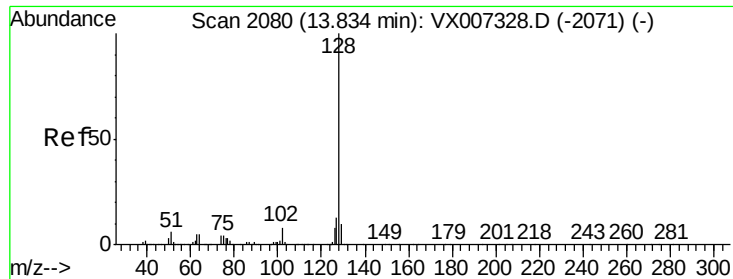
#94
 Hexachlorobutadiene
 Concen: 17.630 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007544.D
 Acq: 14 Feb 2019 14:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.6	94.8
227	62.5	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: 18.913 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

VX0215WBSD01

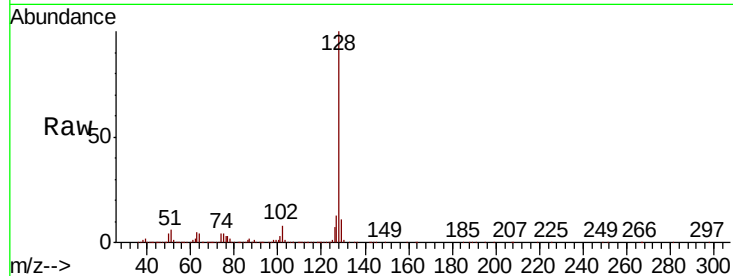
Tgt Ion:128 Resp: 398862

Ion Ratio Lower Upper

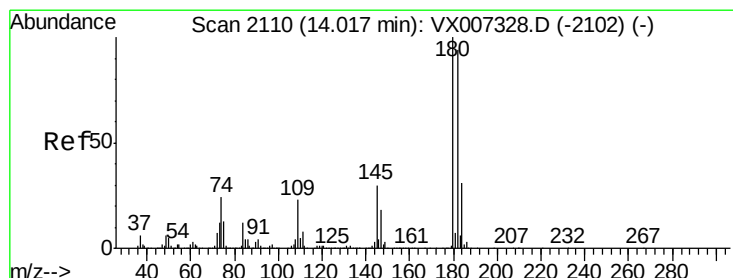
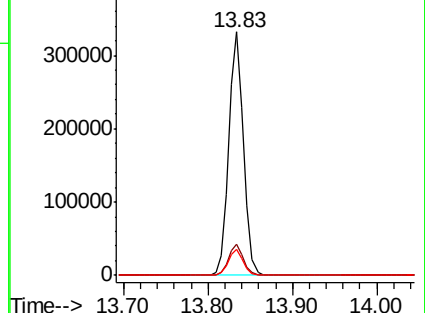
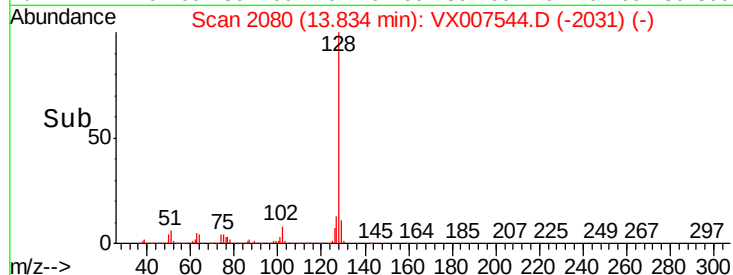
128 100

127 12.9 10.5 15.7

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.433 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007544.D

Acq: 14 Feb 2019 14:35

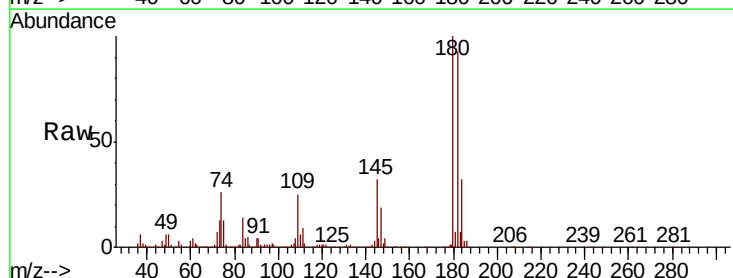
Tgt Ion:180 Resp: 126546

Ion Ratio Lower Upper

180 100

182 95.9 47.5 142.6

145 31.1 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

