

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
 Data File : VX007867.D
 Acq On : 06 Mar 2019 18:27
 Operator : JC/SP
 Sample : VX0306WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

Quant Time: Mar 07 07:51:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	383355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189527	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160045	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	5.50	113	140093	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.71	98	522848	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.13	95	182824	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50677	19.891	ug/l	100
3) Chloromethane	1.33	50	63914	19.467	ug/l	99
4) Vinyl Chloride	1.41	62	64770	19.854	ug/l	99
5) Bromomethane	1.64	94	31863	20.139	ug/l	100
6) Chloroethane	1.73	64	40860	18.854	ug/l	99
7) Trichlorofluoromethane	1.93	101	83477	19.654	ug/l	98
8) Diethyl Ether	2.19	74	37055	20.147	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51297	19.489	ug/l	99
10) Methyl Iodide	2.51	142	77055	20.636	ug/l	100
11) Tert butyl alcohol	3.07	59	72901	103.627	ug/l	99
12) 1,1-Dichloroethene	2.38	96	50141	19.763	ug/l	98
13) Acrolein	2.30	56	31523	80.234	ug/l	98
14) Allyl chloride	2.73	41	104655	19.630	ug/l	99
15) Acrylonitrile	3.15	53	177145	99.761	ug/l	100
16) Acetone	2.45	43	152129	83.551	ug/l	100
17) Carbon Disulfide	2.57	76	154485	19.779	ug/l	99
18) Methyl Acetate	2.78	43	79284	20.497	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	176473	20.218	ug/l	99
20) Methylene Chloride	2.86	84	57251	19.757	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	54322	19.459	ug/l	100
22) Diisopropyl ether	3.87	45	199526	20.416	ug/l	100
23) Vinyl Acetate	3.82	43	871344	101.673	ug/l	100
24) 1,1-Dichloroethane	3.70	63	104780	19.923	ug/l	99
25) 2-Butanone	4.70	43	249173	96.663	ug/l	98
26) 2,2-Dichloropropane	4.59	77	63038	18.092	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63028	19.730	ug/l	99
28) Bromochloromethane	5.02	49	49371	20.136	ug/l	100
29) Tetrahydrofuran	5.15	42	164621	102.381	ug/l	100
30) Chloroform	5.21	83	100194	20.140	ug/l	99
31) Cyclohexane	5.58	56	96523	19.969	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	81443	19.731	ug/l	99
36) 1,1-Dichloropropene	5.80	75	75416	19.025	ug/l	99
37) Ethyl Acetate	4.85	43	91968	19.551	ug/l	99
38) Carbon Tetrachloride	5.78	117	72653	19.306	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92592	19.277	ug/l	98
40) Benzene	6.14	78	234870	19.903	ug/l	99
41) Methacrylonitrile	5.06	41	52063	20.300	ug/l	99
42) 1,2-Dichloroethane	6.20	62	77708	20.135	ug/l	100
43) Isopropyl Acetate	6.46	43	139455	20.031	ug/l	100
44) Trichloroethene	7.21	130	62403	19.188	ug/l	99
45) 1,2-Dichloropropane	7.51	63	62788	20.145	ug/l	100
46) Dibromomethane	7.66	93	39213	19.880	ug/l	99
47) Bromodichloromethane	7.90	83	73831	19.742	ug/l	98
48) Methyl methacrylate	7.77	41	73313	20.030	ug/l	98
49) 1,4-Dioxane	7.75	88	30374	403.966	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	465245	103.915	ug/l	100
52) Toluene	8.78	92	143690	19.944	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	74538	19.096	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	85882	19.484	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	58772	20.151	ug/l	99
56) Ethyl methacrylate	9.18	69	89522	20.443	ug/l	99
57) 1,3-Dichloropropane	9.37	76	98644	20.143	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	271577	119.890	ug/l	99
59) 2-Hexanone	9.49	43	349506	100.549	ug/l	99
60) Dibromochloromethane	9.58	129	60308	19.783	ug/l	98
61) 1,2-Dibromoethane	9.67	107	62542	20.197	ug/l	99
64) Tetrachloroethene	9.34	164	59874	18.847	ug/l	99
65) Chlorobenzene	10.14	112	157360	19.616	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56732	19.732	ug/l	100
67) Ethyl Benzene	10.25	91	263205	19.932	ug/l	99
68) m/p-Xylenes	10.36	106	201816	39.650	ug/l	99
69) o-Xylene	10.70	106	99090	20.165	ug/l	99
70) Styrene	10.71	104	161759	20.116	ug/l	99
71) Bromoform	10.86	173	46737	18.929	ug/l #	99
73) Isopropylbenzene	11.02	105	261772	20.422	ug/l	100
74) N-amyl acetate	10.90	43	118434	20.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	89734	20.295	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	97626	24.547	ug/l	92
77) Bromobenzene	11.26	156	70084	19.943	ug/l	99
78) n-propylbenzene	11.36	91	290401	20.422	ug/l	100
79) 2-Chlorotoluene	11.42	91	175251	20.157	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	216774	20.547	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22918	18.420	ug/l	91
82) 4-Chlorotoluene	11.51	91	198870	19.959	ug/l	100
83) tert-Butylbenzene	11.77	119	216100	20.335	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	222727	20.594	ug/l	100
85) sec-Butylbenzene	11.94	105	256232	20.473	ug/l	99
86) p-Isopropyltoluene	12.06	119	230285	20.545	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	121585	19.556	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121572	19.094	ug/l	99
89) n-Butylbenzene	12.38	91	188970	19.899	ug/l	99
90) Hexachloroethane	12.60	117	36293	19.366	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	120546	19.517	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17866	19.335	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

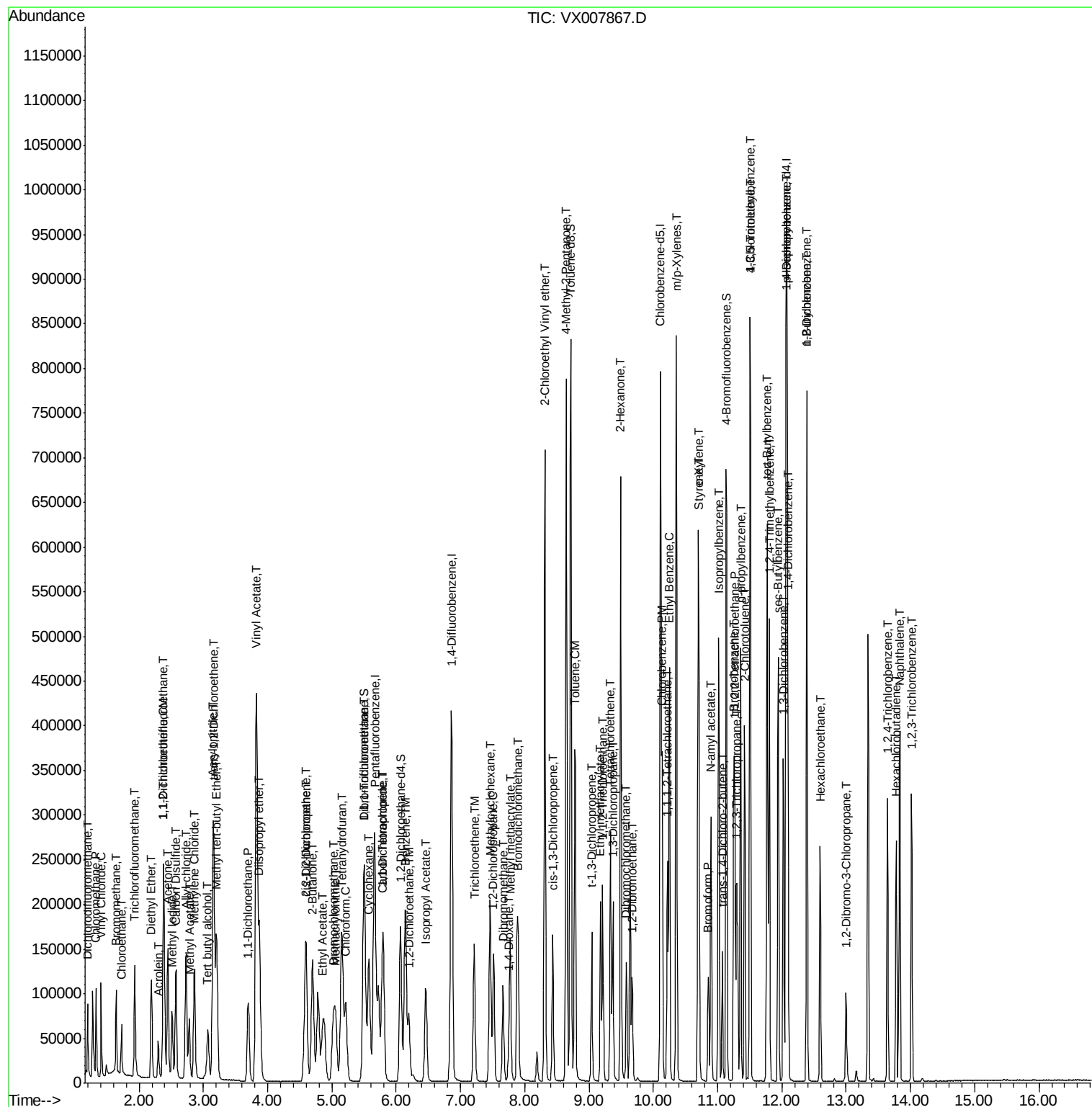
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82208	18.947	ug/l	99
94) Hexachlorobutadiene	13.78	225	44259	19.511	ug/l	99
95) Naphthalene	13.83	128	246333	19.704	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84435	19.535	ug/l	99

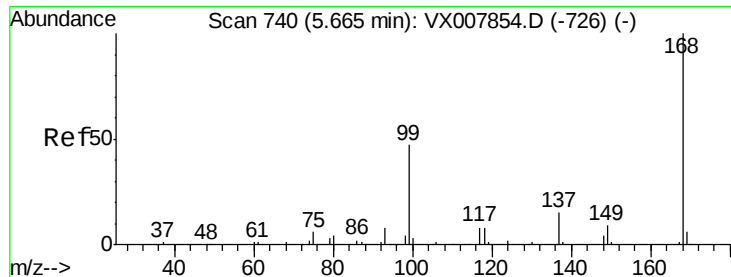
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
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 Sample : VX0306WBSD01
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

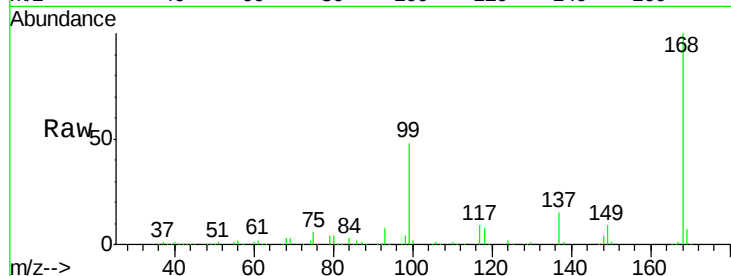
VX0306WBSD01

Tgt Ion:168 Resp: 298203

Ion Ratio Lower Upper

168 100

99 47.7 37.6 56.4

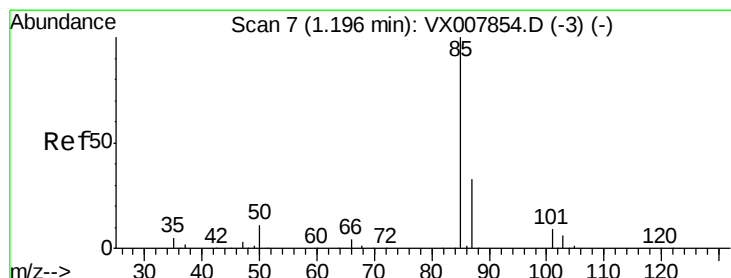
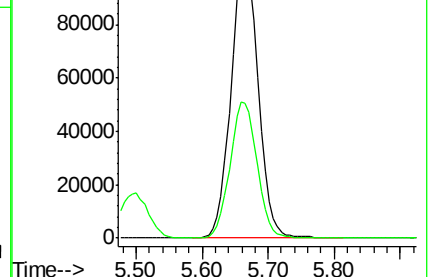
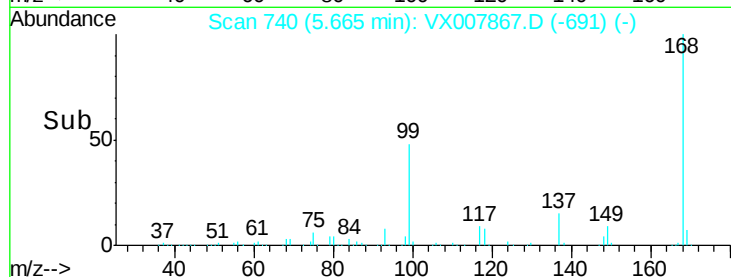


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 19.891 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007867.D

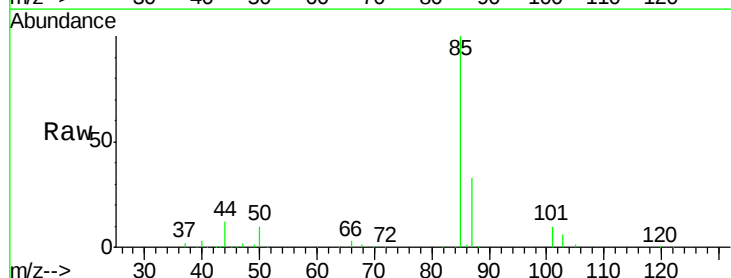
Acq: 06 Mar 2019 18:27

Tgt Ion: 85 Resp: 50677

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1

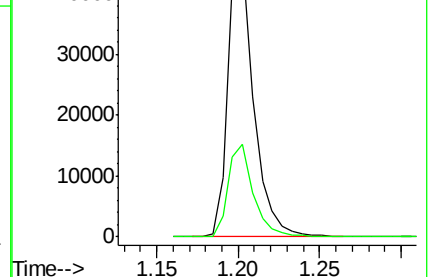
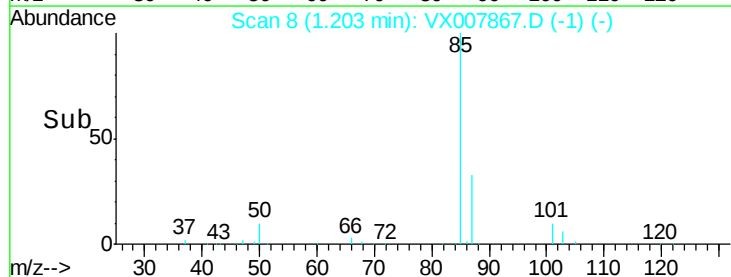


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 19.467 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

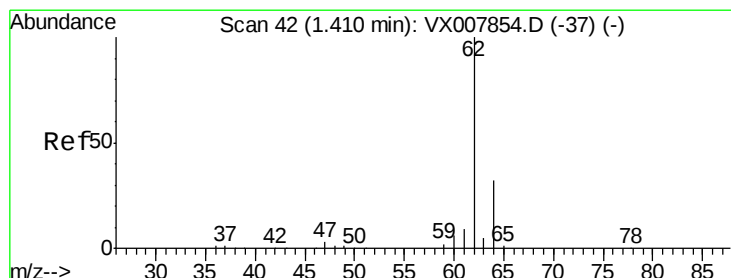
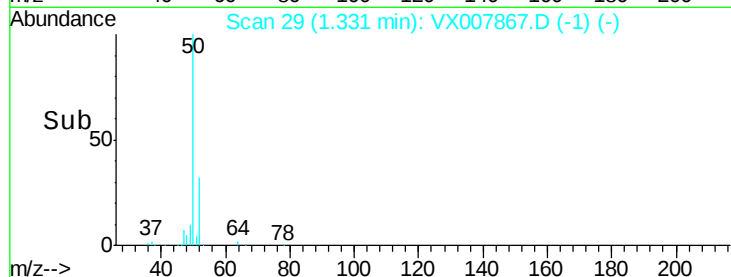
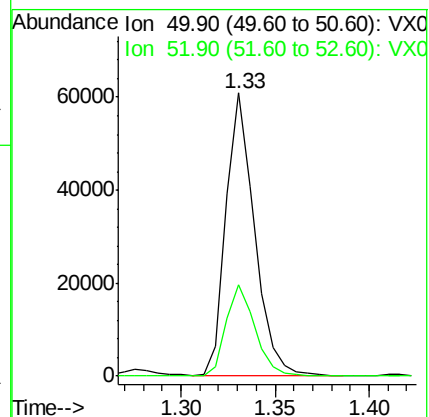
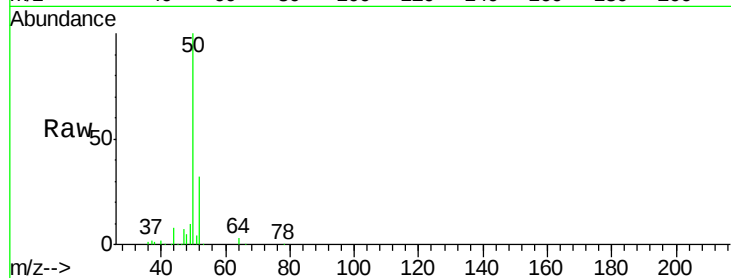
VX0306WBSD01

Tgt Ion: 50 Resp: 63914

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 19.854 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007867.D

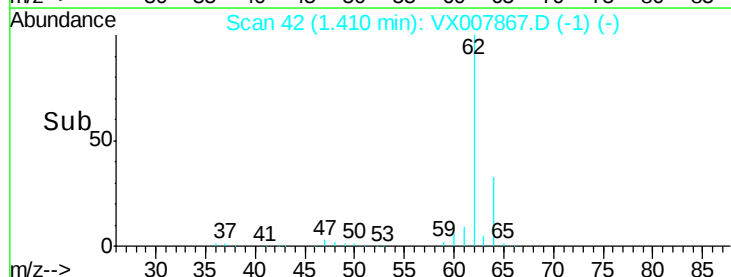
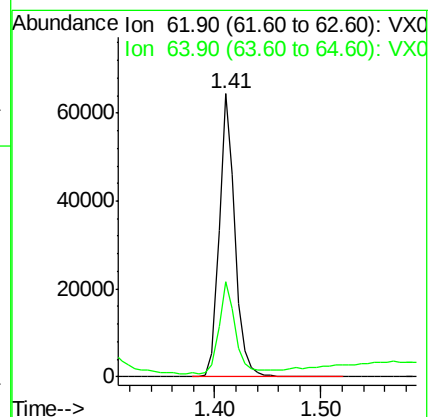
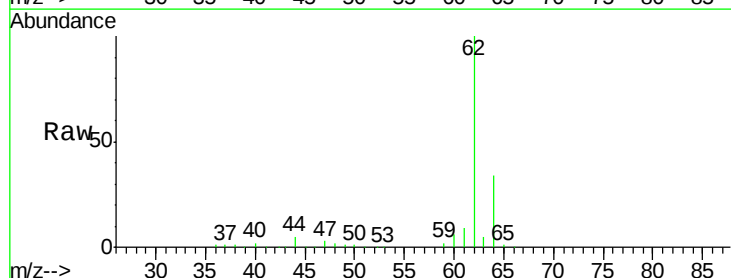
Acq: 06 Mar 2019 18:27

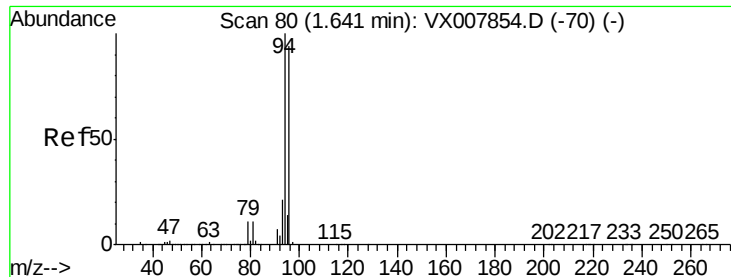
Tgt Ion: 62 Resp: 64770

Ion Ratio Lower Upper

62 100

64 32.1 25.3 37.9





#5

Bromomethane

Concen: 20.139 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

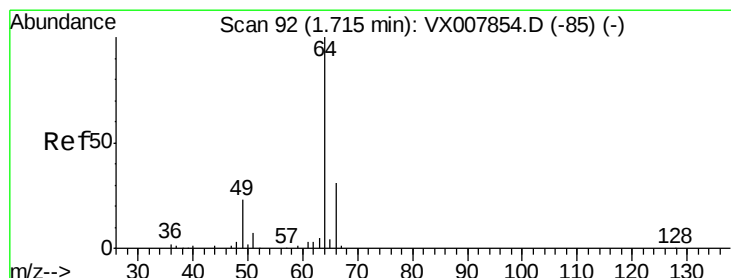
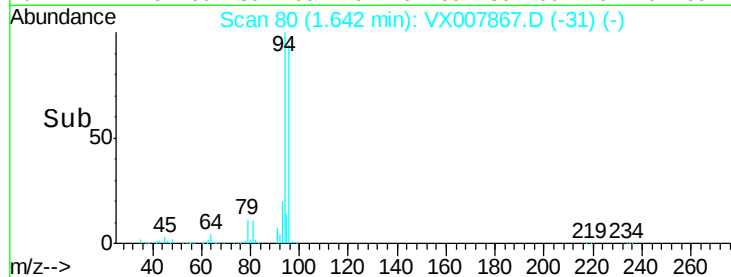
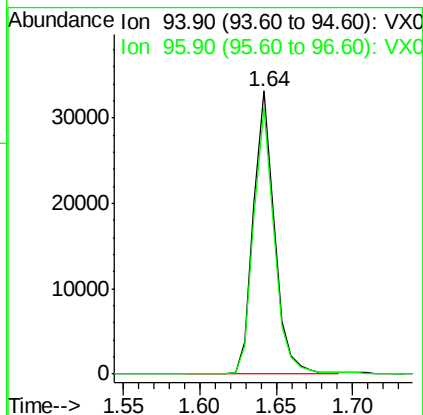
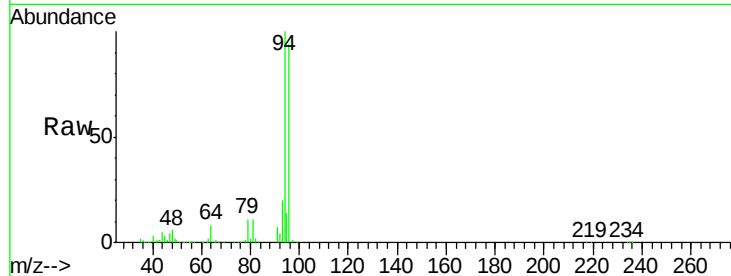
VX0306WBSD01

Tgt Ion: 94 Resp: 31863

Ion Ratio Lower Upper

94 100

96 94.0 75.5 113.3



#6

Chloroethane

Concen: 18.854 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007867.D

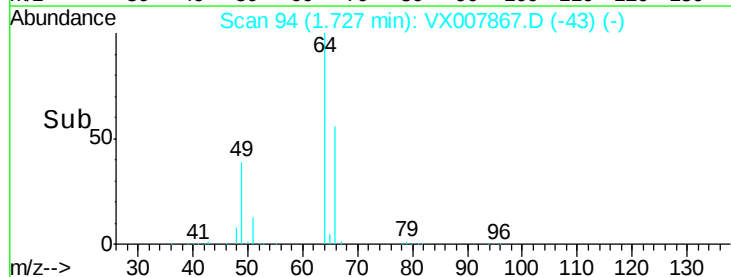
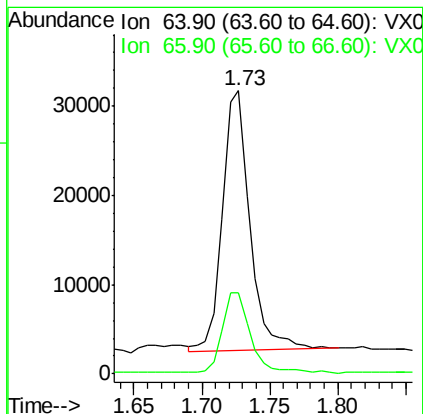
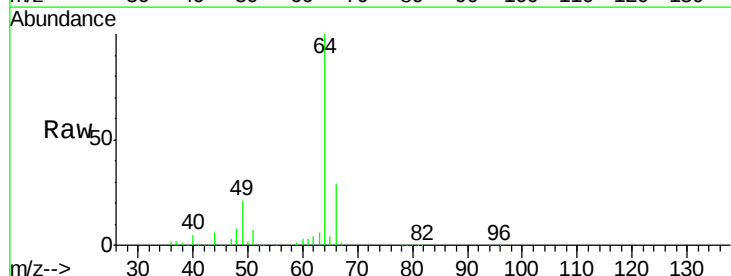
Acq: 06 Mar 2019 18:27

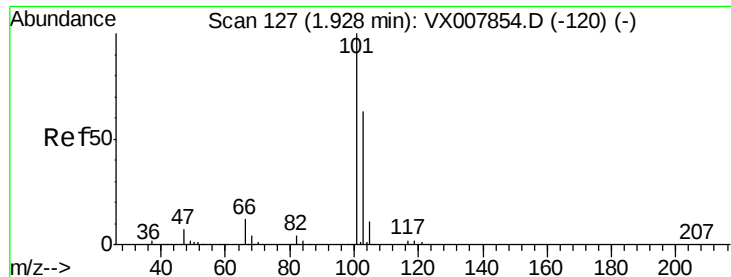
Tgt Ion: 64 Resp: 40860

Ion Ratio Lower Upper

64 100

66 31.1 25.2 37.8



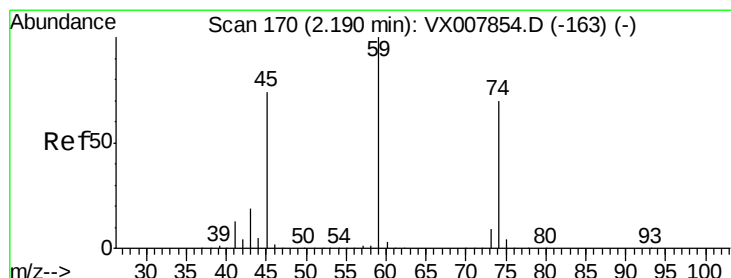
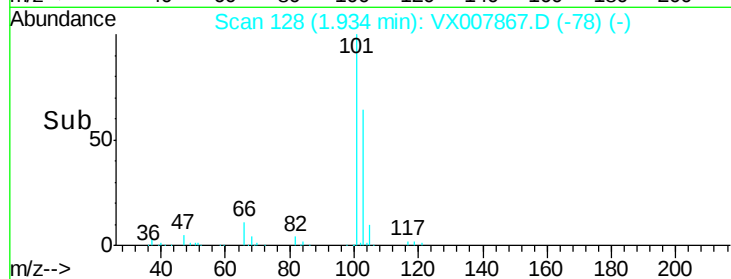
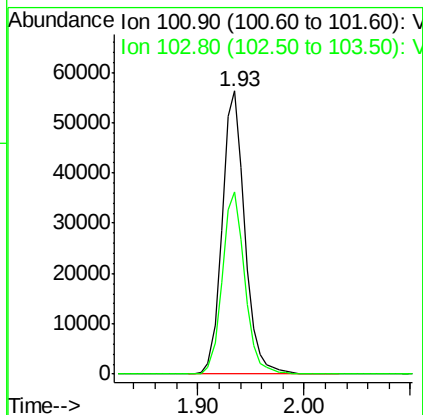
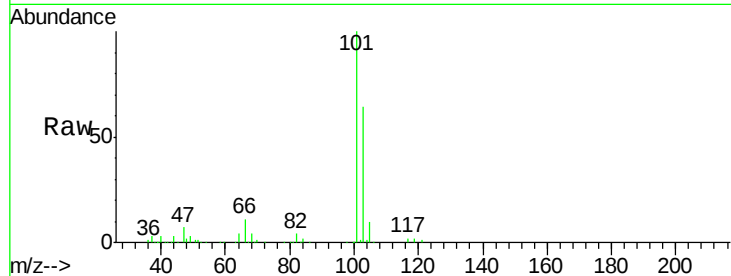


#7

Trichlorofluoromethane
Concen: 19.654 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

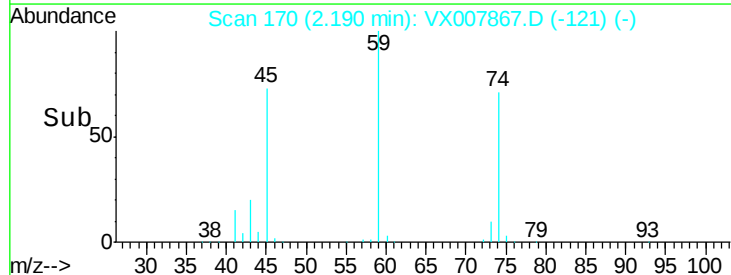
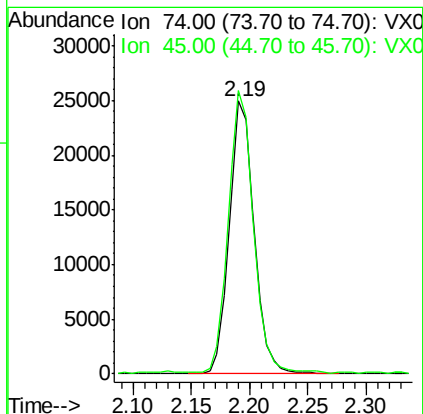
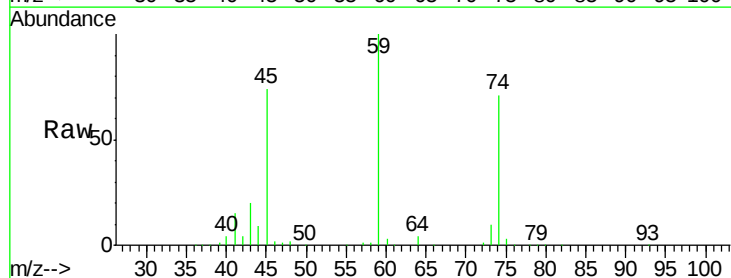
Tgt Ion:101 Resp: 83477
Ion Ratio Lower Upper
101 100
103 64.5 50.4 75.6

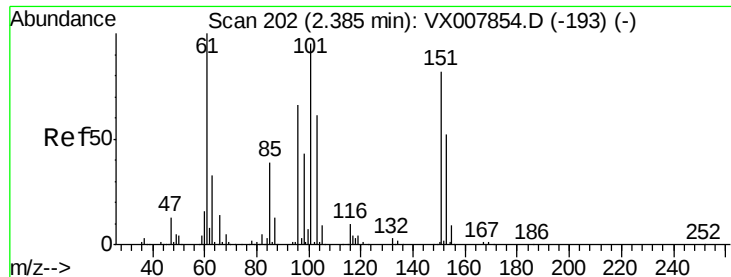


#8

Diethyl Ether
Concen: 20.147 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion: 74 Resp: 37055
Ion Ratio Lower Upper
74 100
45 104.4 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.489 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

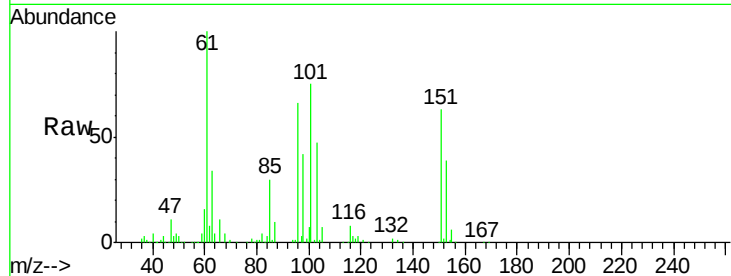
Tgt Ion:101 Resp: 51297

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.6

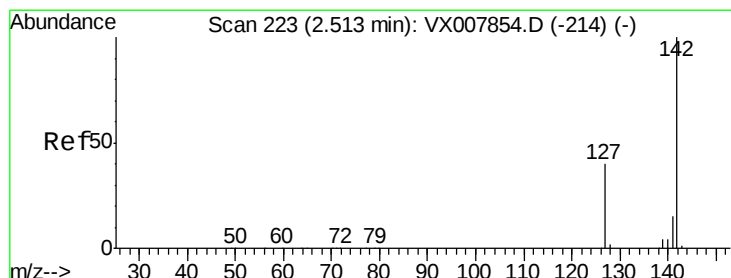
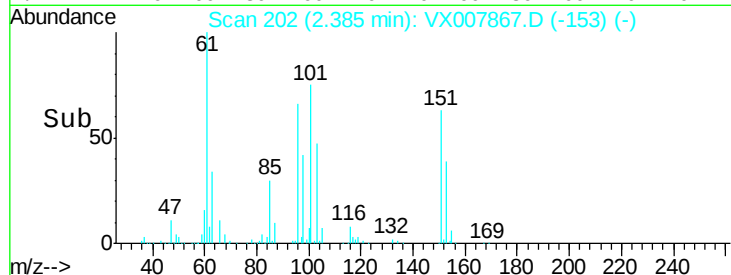
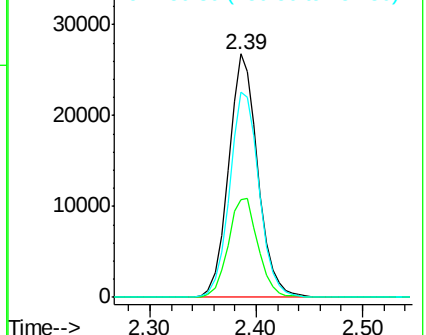
151 85.5 69.1 103.7



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: 20.636 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

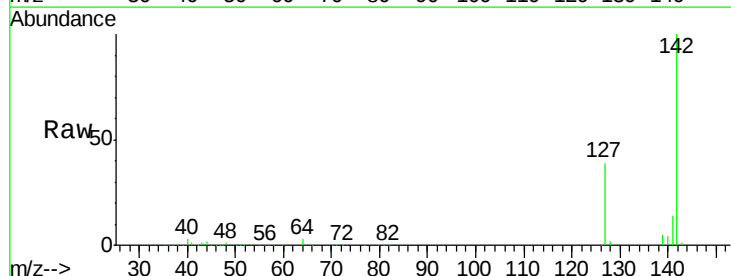
Tgt Ion:142 Resp: 77055

Ion Ratio Lower Upper

142 100

127 39.8 32.1 48.1

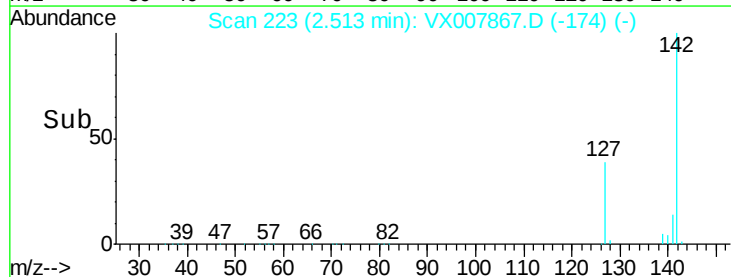
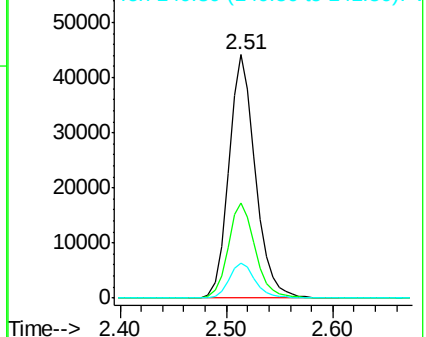
141 14.3 11.4 17.2

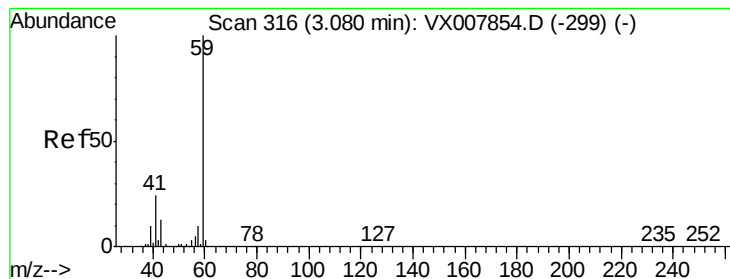


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



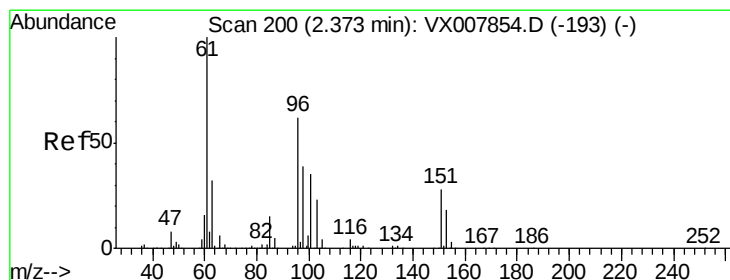
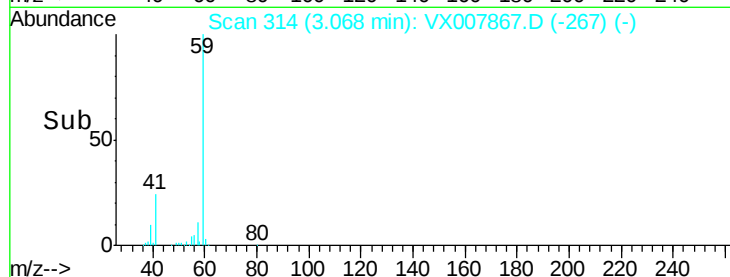
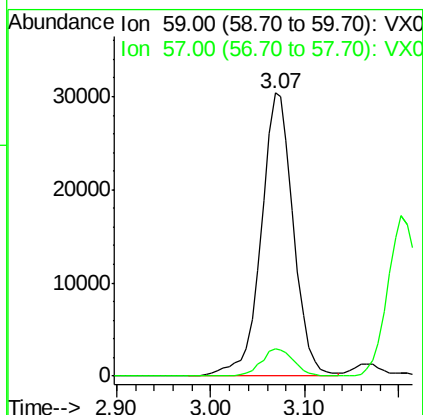
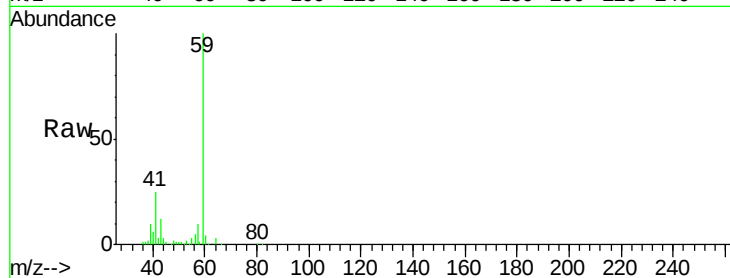


#11

Tert butyl alcohol
 Concen: 103.627 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

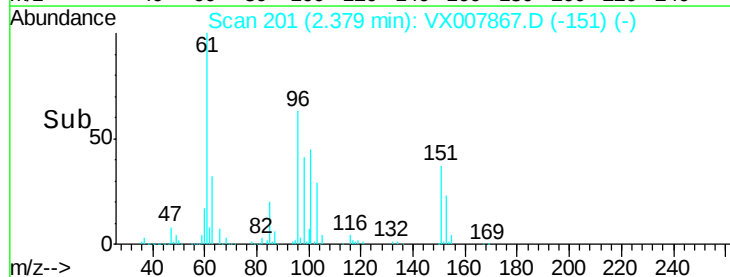
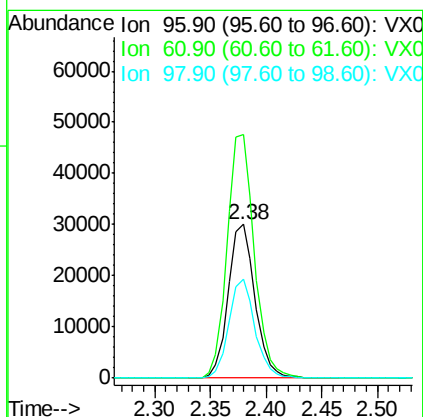
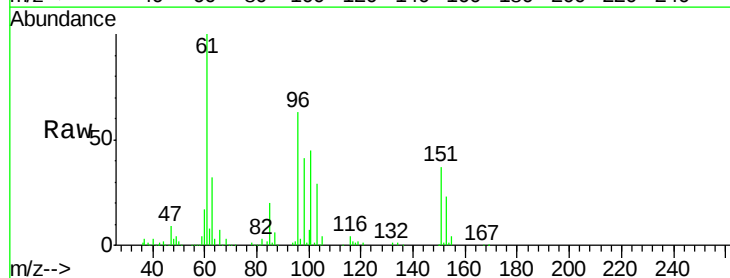
Tgt Ion: 59 Resp: 72901
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 19.763 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

Tgt Ion: 96 Resp: 50141
 Ion Ratio Lower Upper
 96 100
 61 158.4 129.8 194.6
 98 64.6 51.0 76.6





#13

Acrolein

Concen: 80.234 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

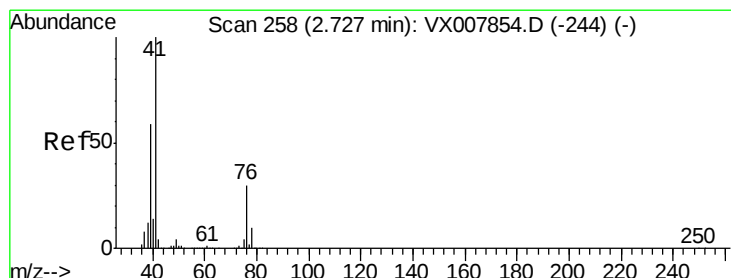
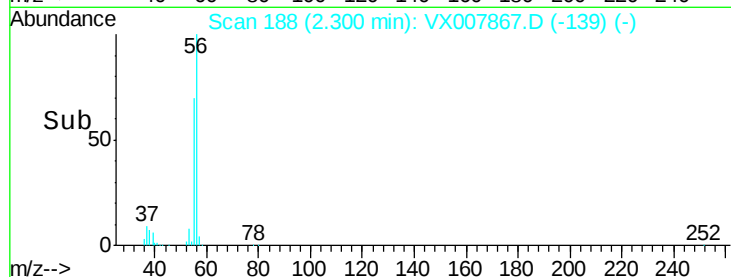
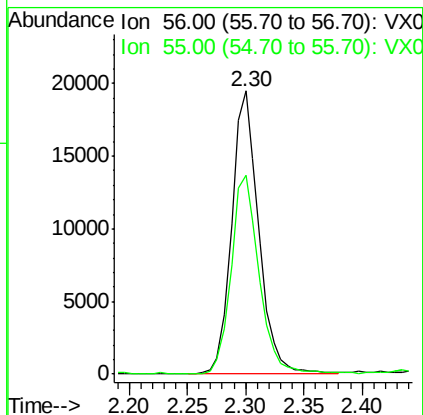
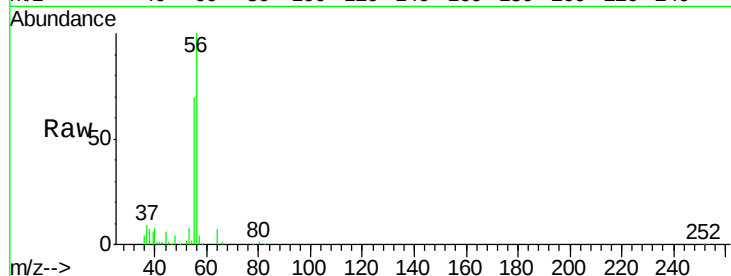
VX0306WBSD01

Tgt Ion: 56 Resp: 31523

Ion Ratio Lower Upper

56 100

55 73.6 57.8 86.6



#14

Allyl chloride

Concen: 19.630 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

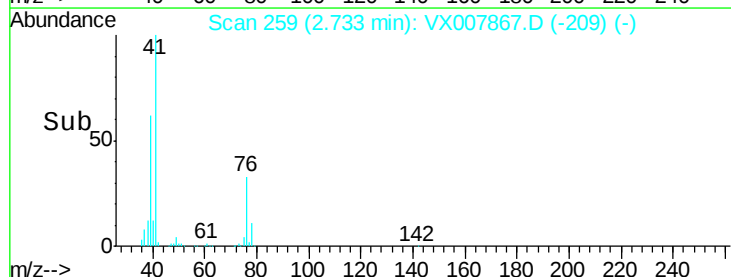
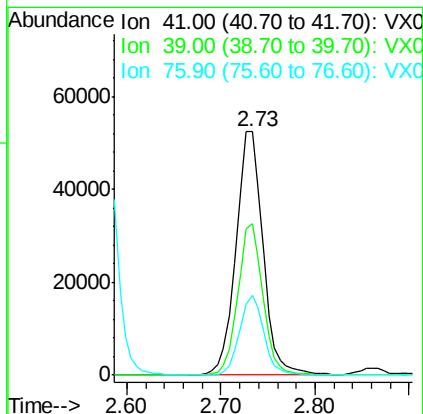
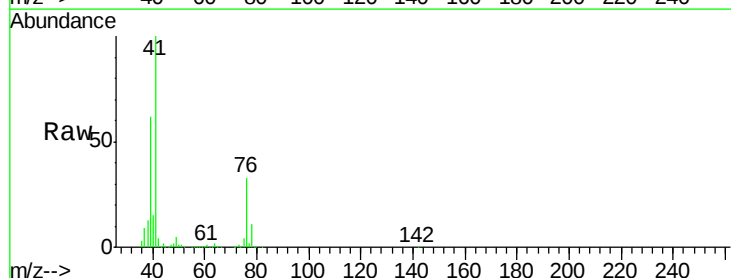
Tgt Ion: 41 Resp: 104655

Ion Ratio Lower Upper

41 100

39 57.4 46.1 69.1

76 29.5 24.0 36.0





#15

Acrylonitrile

Concen: 99.761 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

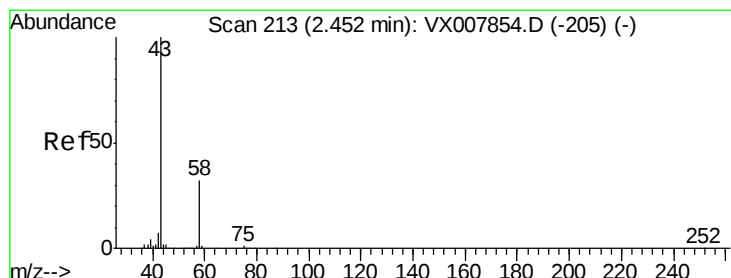
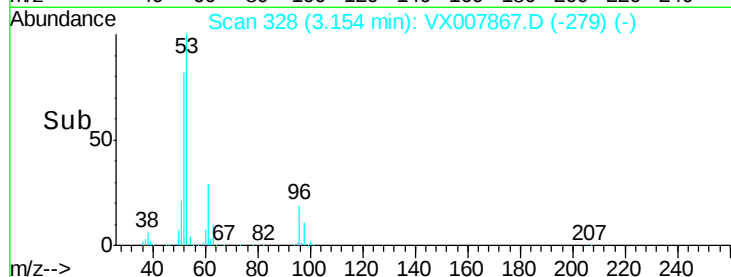
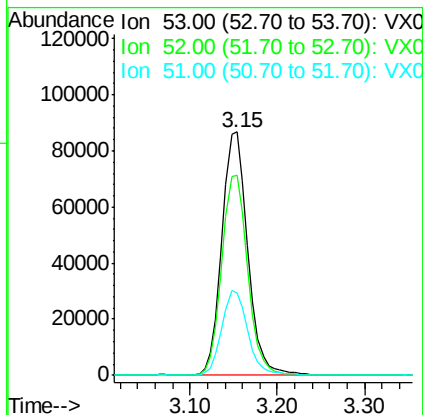
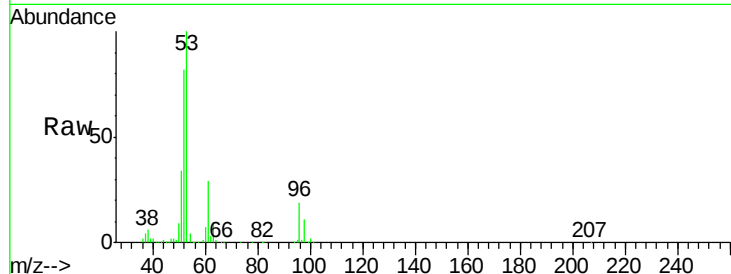
Tgt Ion: 53 Resp: 177145

Ion Ratio Lower Upper

53 100

52 82.8 66.0 99.0

51 35.3 28.0 42.0



#16

Acetone

Concen: 83.551 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007867.D

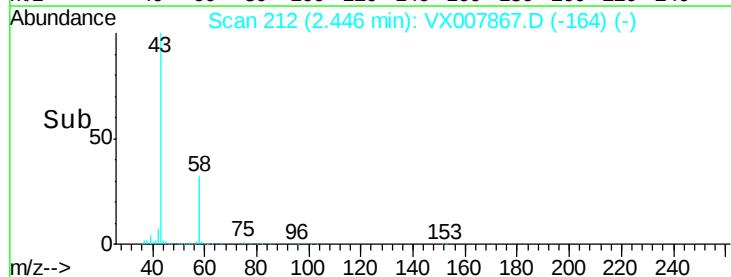
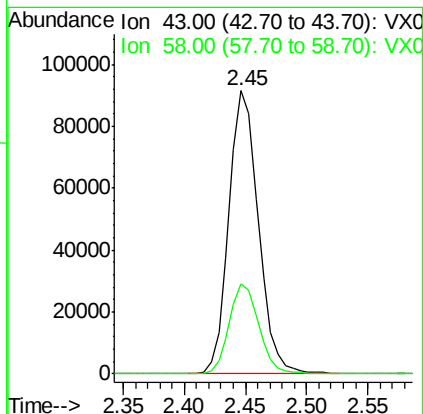
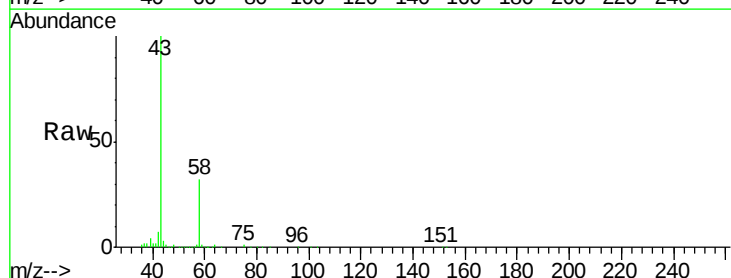
Acq: 06 Mar 2019 18:27

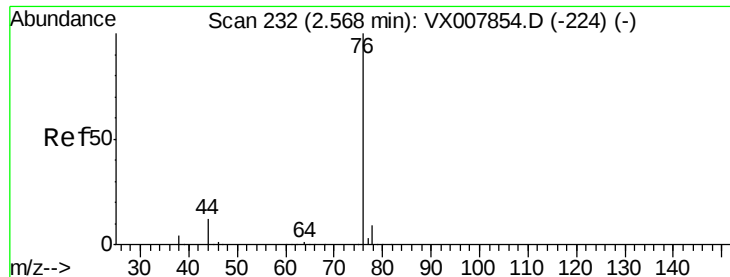
Tgt Ion: 43 Resp: 152129

Ion Ratio Lower Upper

43 100

58 31.8 25.5 38.3





#17

Carbon Disulfide

Concen: 19.779 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

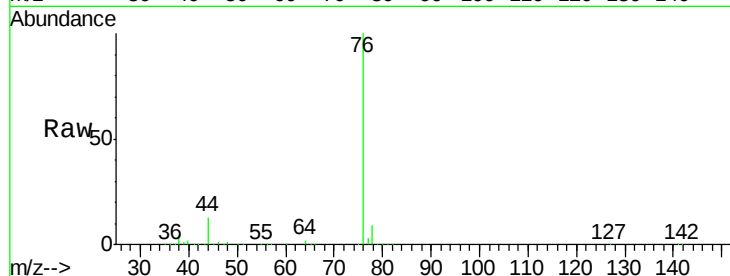
VX0306WBSD01

Tgt Ion: 76 Resp: 154485

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

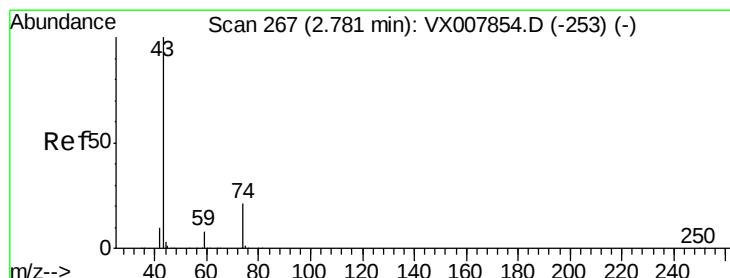
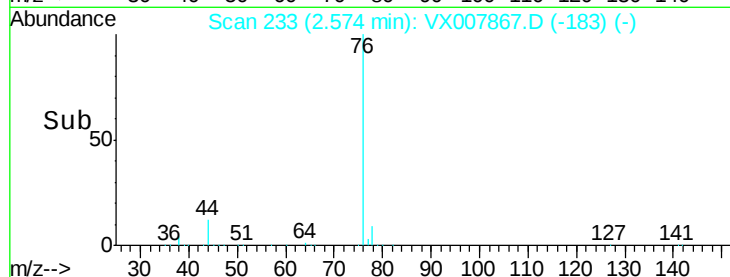
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 20.497 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007867.D

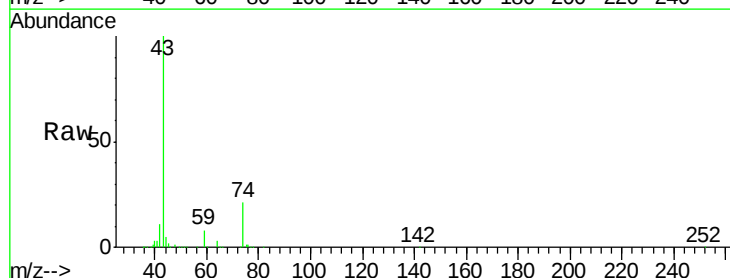
Acq: 06 Mar 2019 18:27

Tgt Ion: 43 Resp: 79284

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

50000

40000

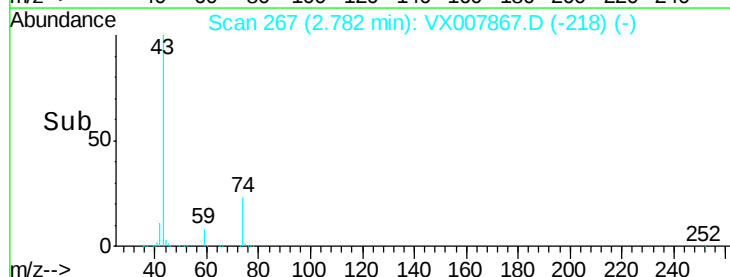
30000

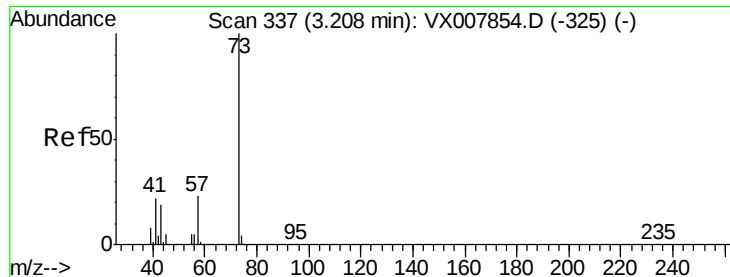
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 20.218 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

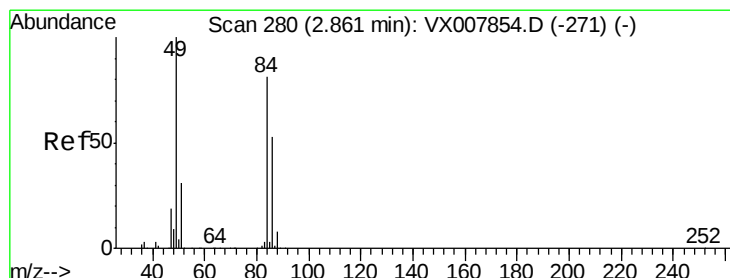
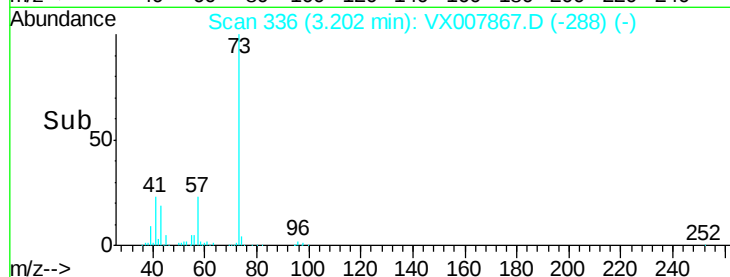
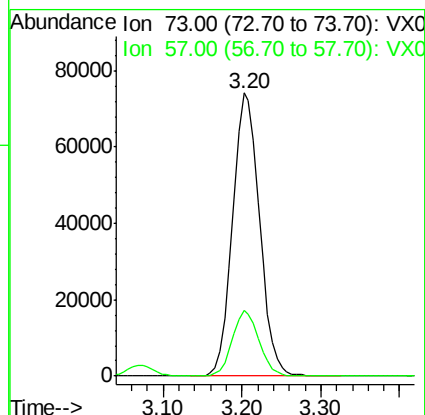
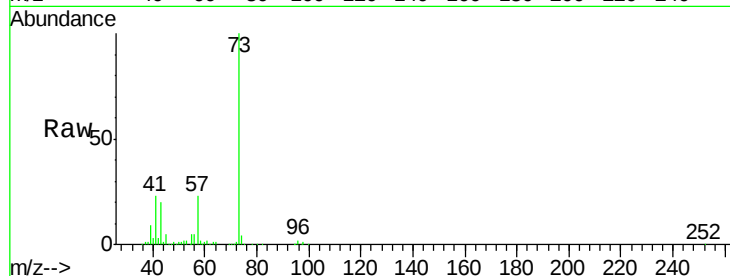
VX0306WBSD01

Tgt Ion: 73 Resp: 176473

Ion Ratio Lower Upper

73 100

57 23.3 18.2 27.4



#20

Methylene Chloride

Concen: 19.757 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Tgt Ion: 84 Resp: 57251

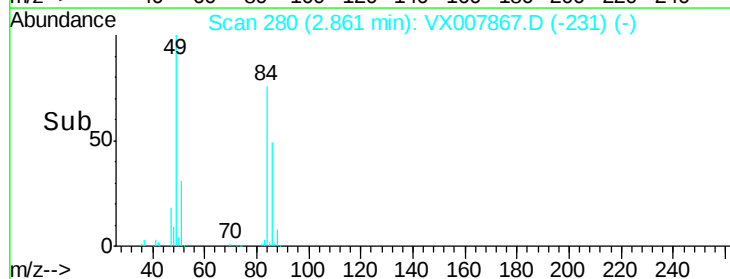
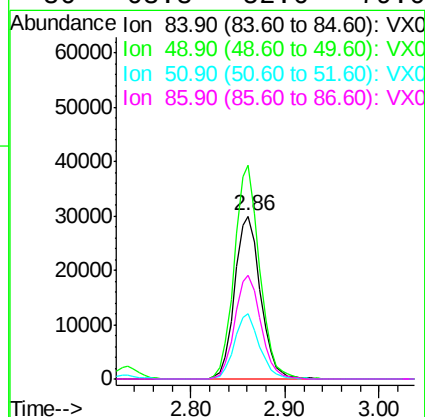
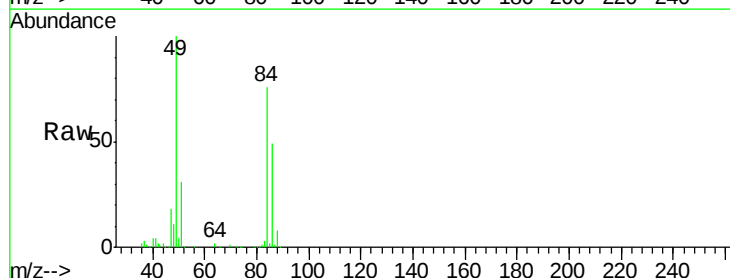
Ion Ratio Lower Upper

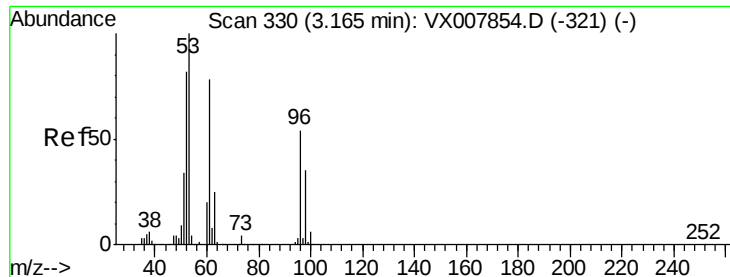
84 100

49 130.9 99.3 148.9

51 40.2 31.3 46.9

86 63.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.459 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

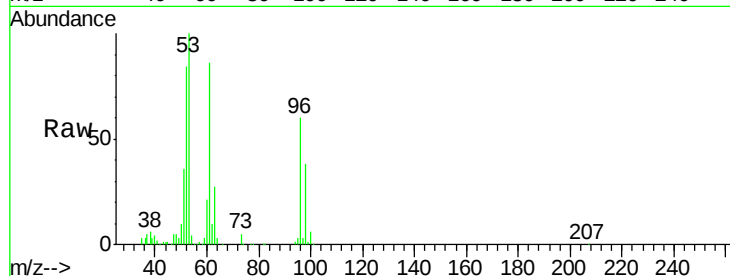
Tgt Ion: 96 Resp: 54322

Ion Ratio Lower Upper

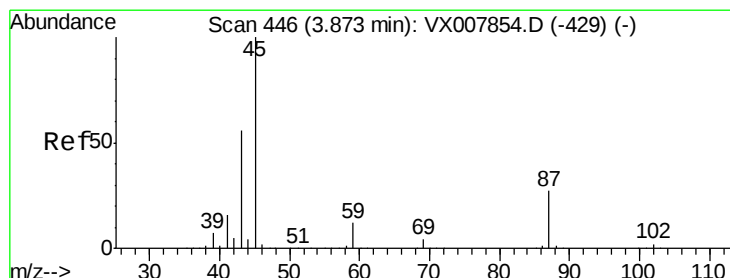
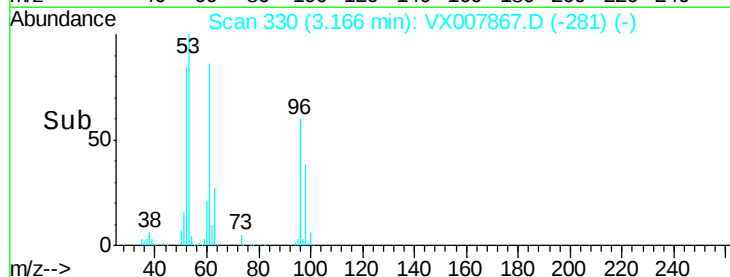
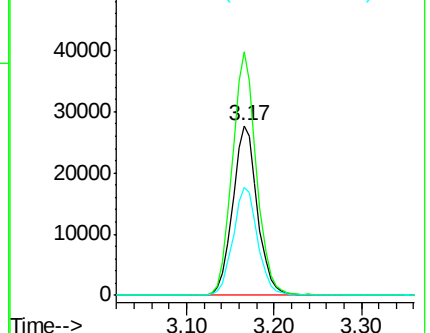
96 100

61 143.6 114.4 171.6

98 63.7 51.1 76.7



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: 20.416 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Tgt Ion: 45 Resp: 199526

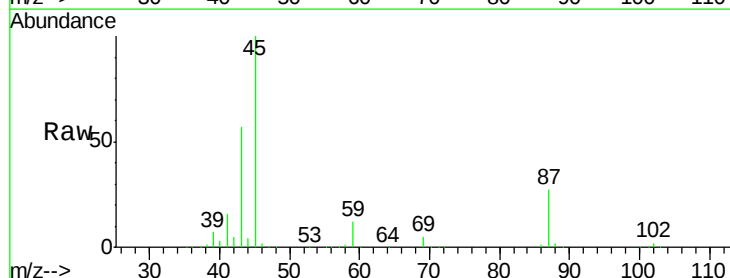
Ion Ratio Lower Upper

45 100

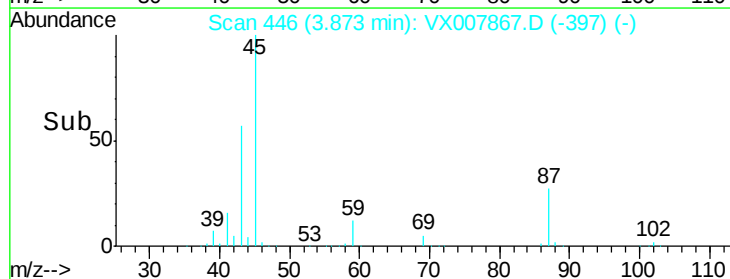
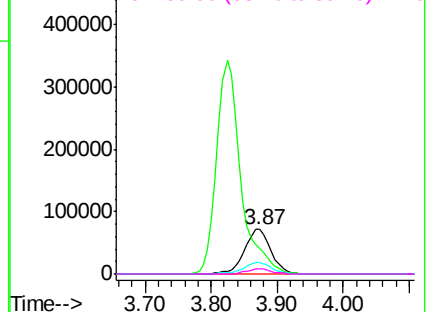
43 56.7 45.3 67.9

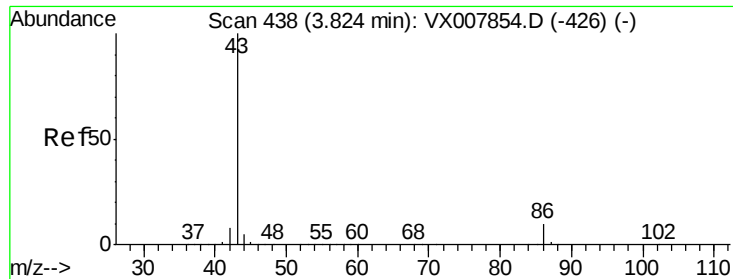
87 27.0 21.4 32.0

59 11.9 9.5 14.3



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: 101.673 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

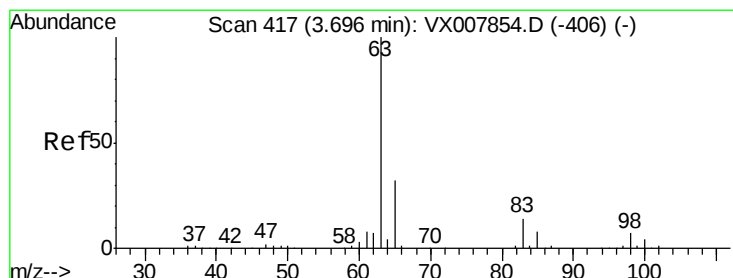
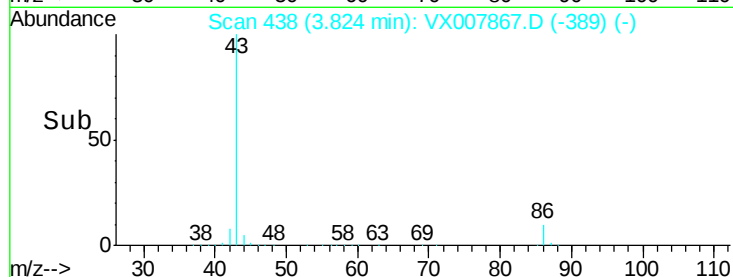
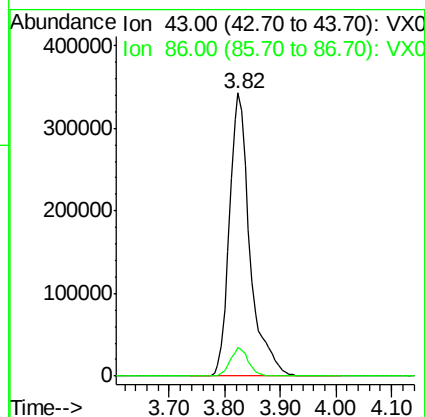
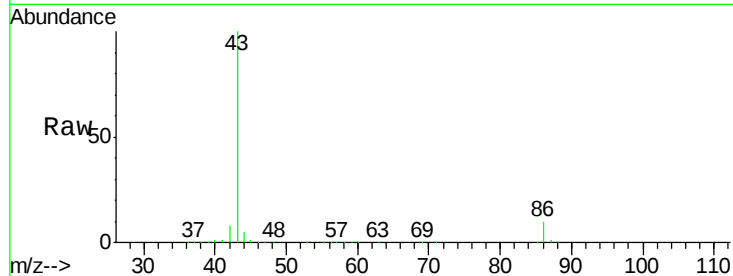
VX0306WBSD01

Tgt Ion: 43 Resp: 871344

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



#24

1,1-Dichloroethane

Concen: 19.923 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

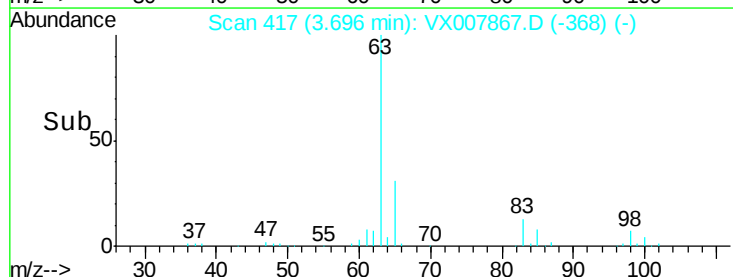
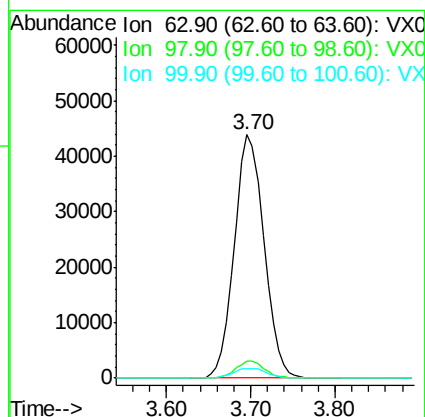
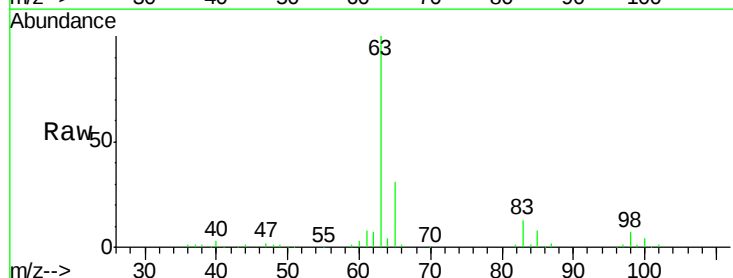
Tgt Ion: 63 Resp: 104780

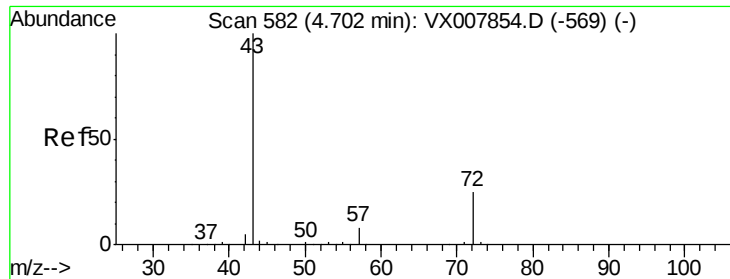
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 96.663 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

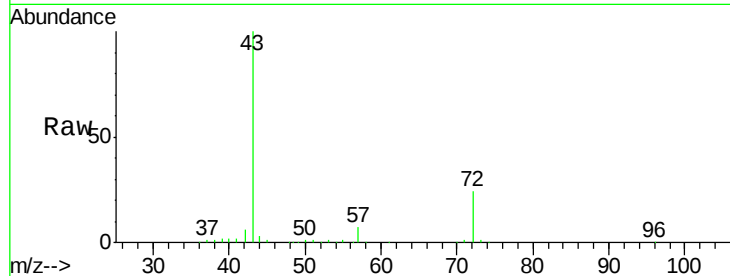
VX0306WBSD01

Tgt Ion: 43 Resp: 249173

Ion Ratio Lower Upper

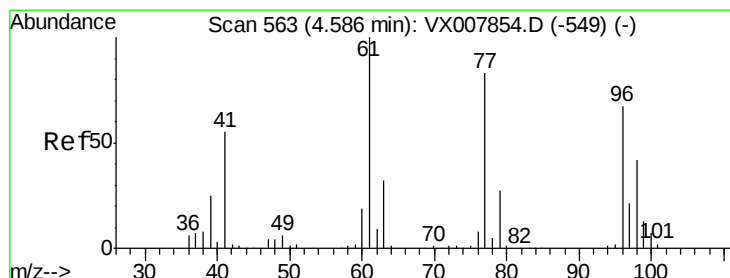
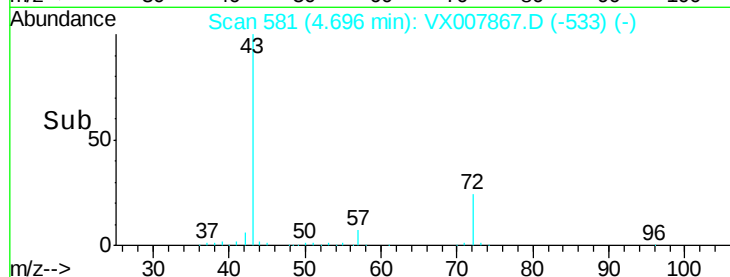
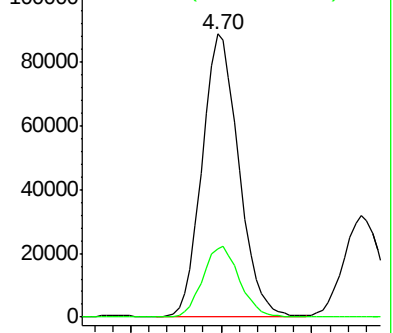
43 100

72 24.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.092 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007867.D

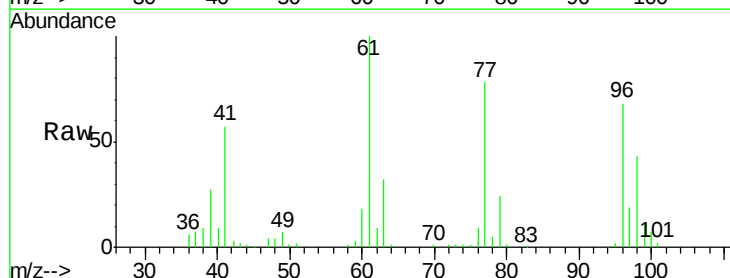
Acq: 06 Mar 2019 18:27

Tgt Ion: 77 Resp: 63038

Ion Ratio Lower Upper

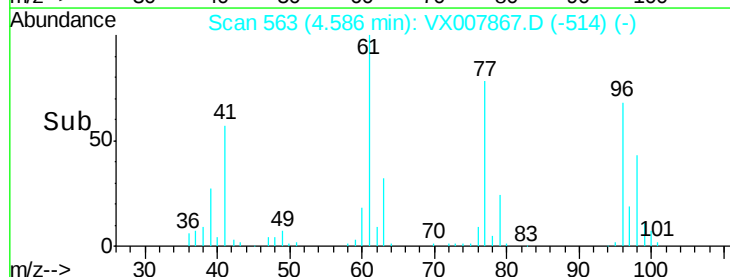
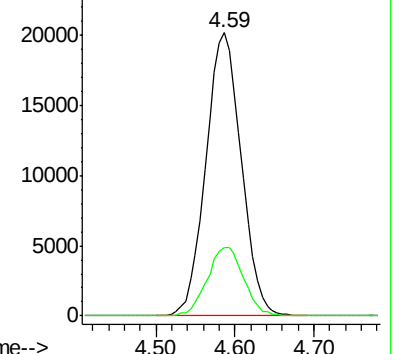
77 100

97 24.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



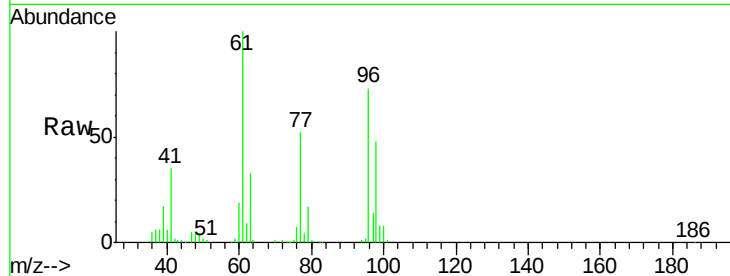


#27

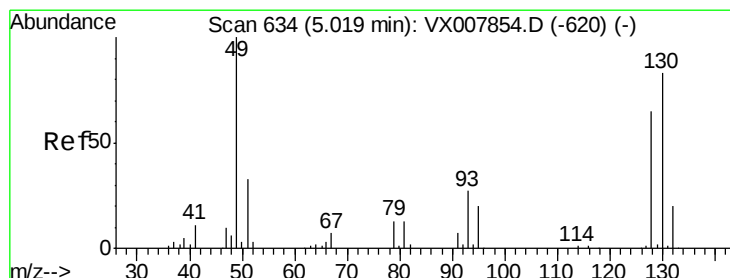
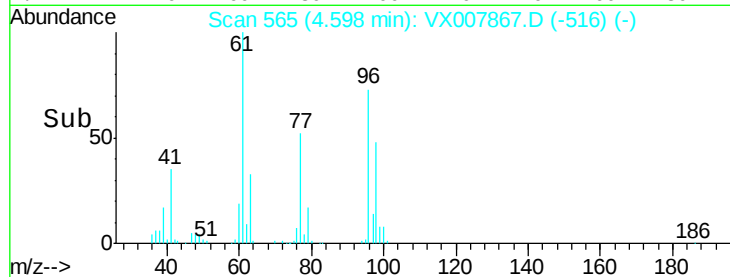
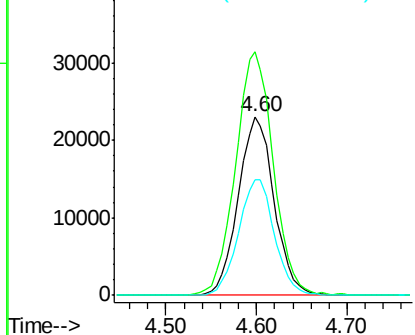
cis-1,2-Dichloroethene
Concen: 19.730 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tgt Ion: 96 Resp: 63028
Ion Ratio Lower Upper
96 100
61 143.5 0.0 288.0
98 65.2 0.0 129.0



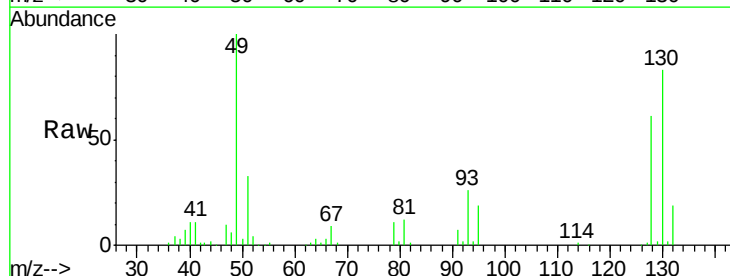
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



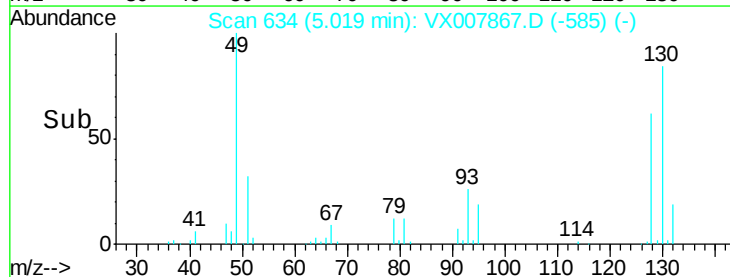
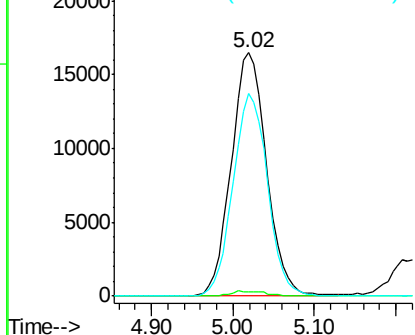
#28

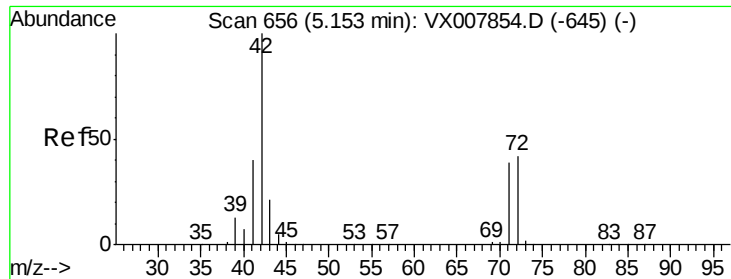
Bromochloromethane
Concen: 20.136 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion: 49 Resp: 49371
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 81.6 65.0 97.4



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

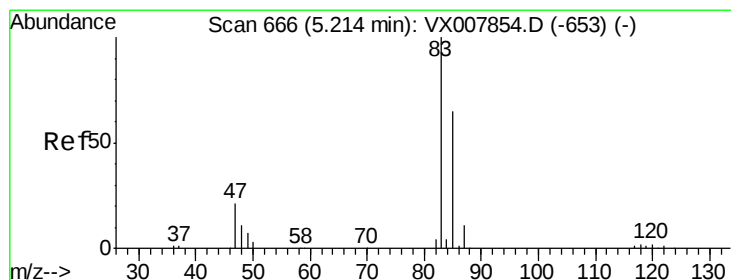
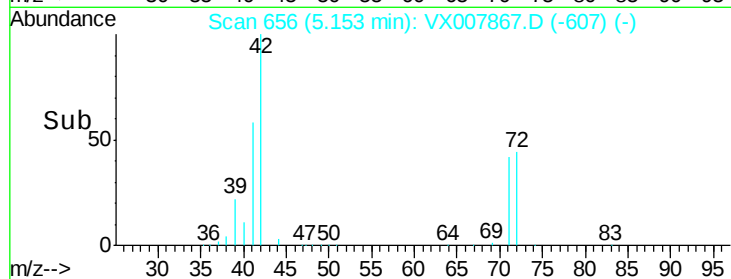
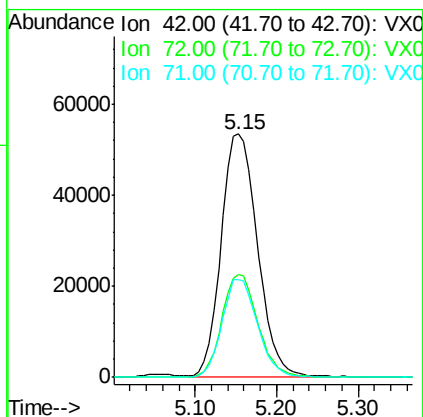
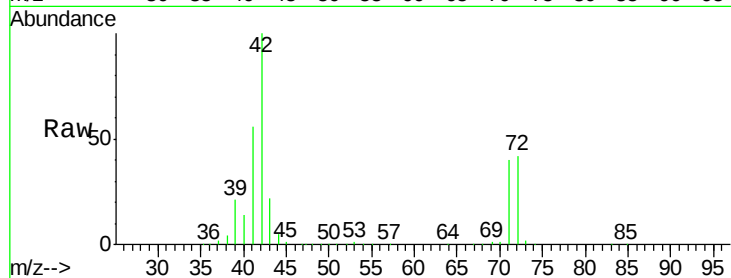




#29
Tetrahydrofuran
Concen: 102.381 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

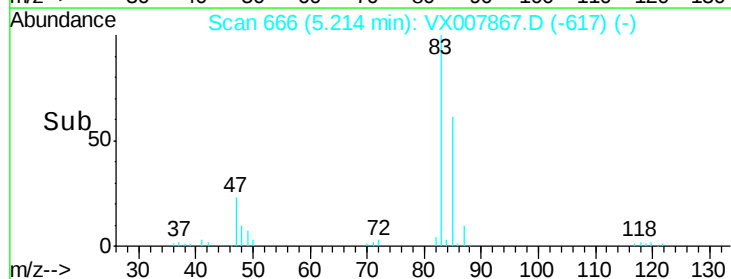
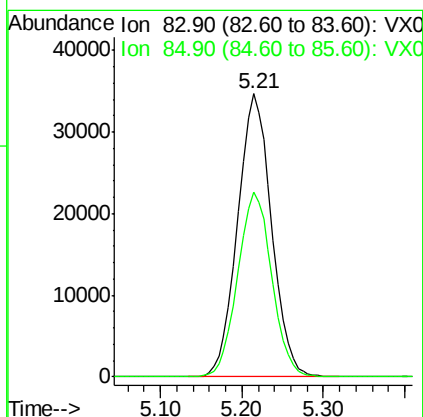
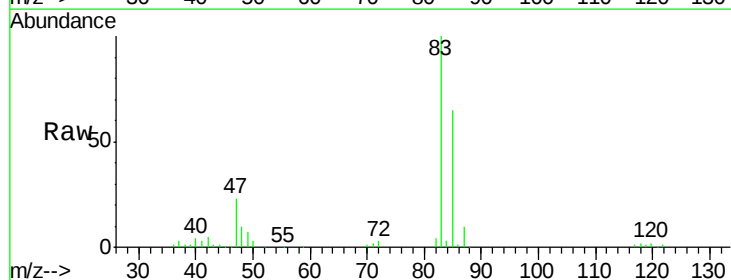
Instrument :
MSVOA_X
ClientSampled :
VX0306WBSD01

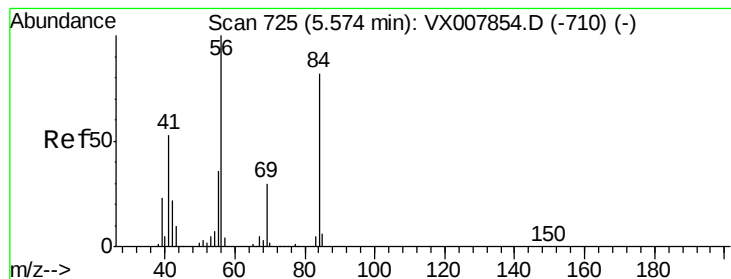
Tgt Ion: 42 Resp: 164621
Ion Ratio Lower Upper
42 100
72 42.3 33.8 50.6
71 39.6 31.5 47.3



#30
Chloroform
Concen: 20.140 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion: 83 Resp: 100194
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.6





#31

Cyclohexane

Concen: 19.969 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

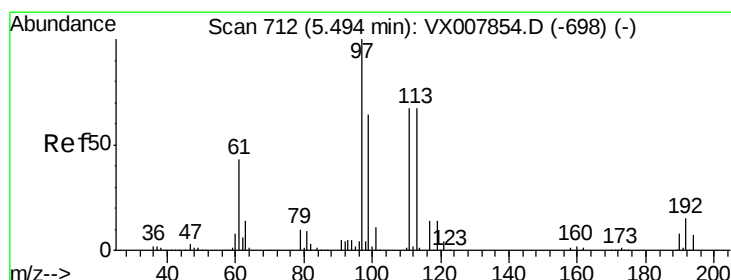
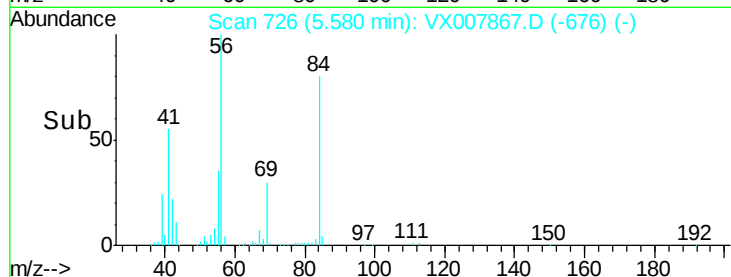
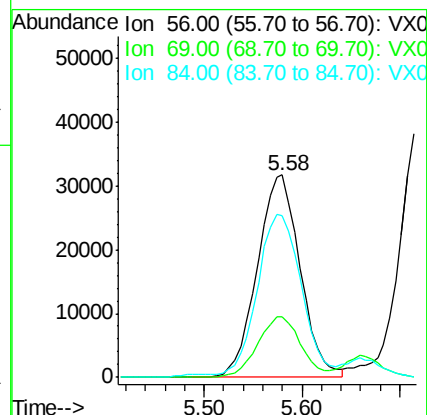
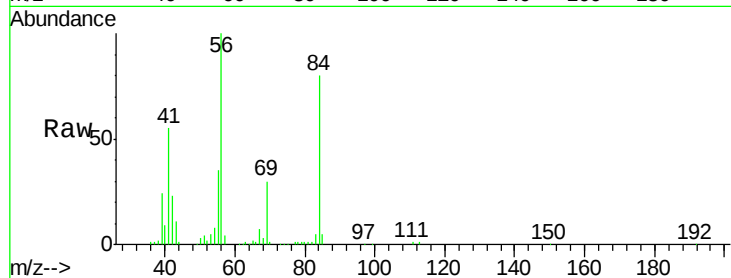
Tgt Ion: 56 Resp: 96523

Ion Ratio Lower Upper

56 100

69 29.9 24.0 36.0

84 78.5 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 19.731 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

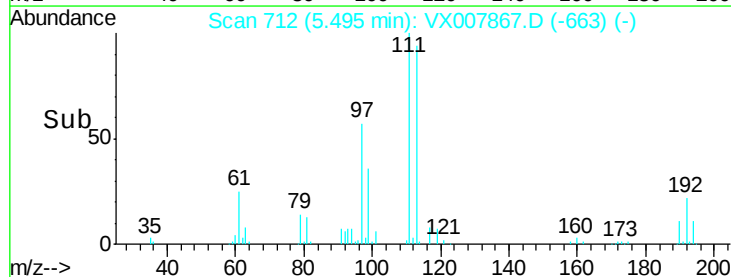
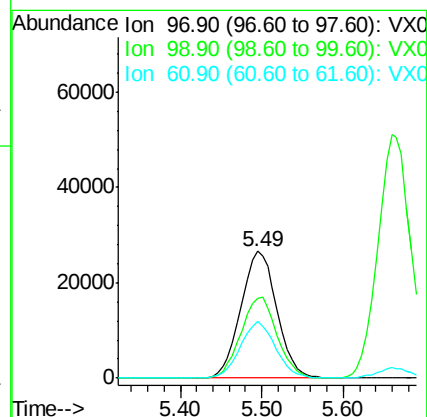
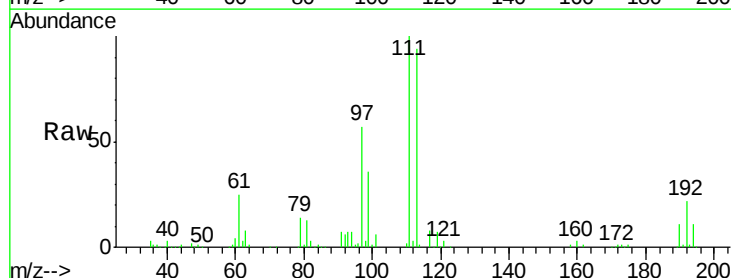
Tgt Ion: 97 Resp: 81443

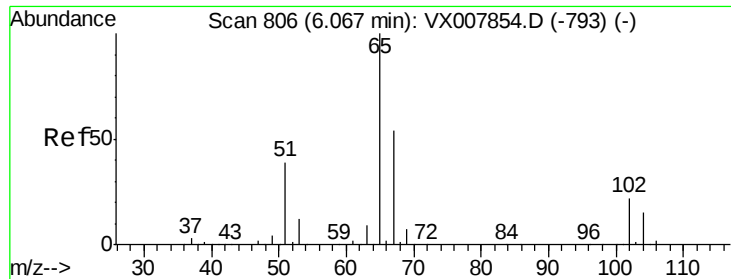
Ion Ratio Lower Upper

97 100

99 64.1 52.2 78.2

61 43.5 34.9 52.3

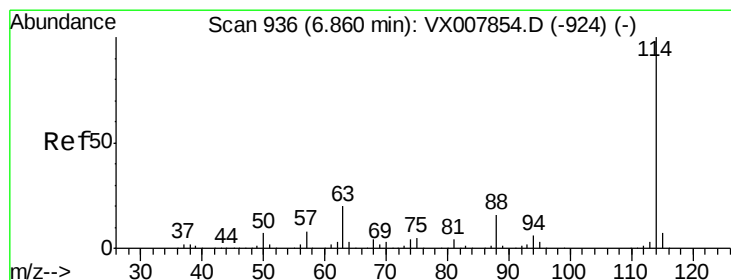
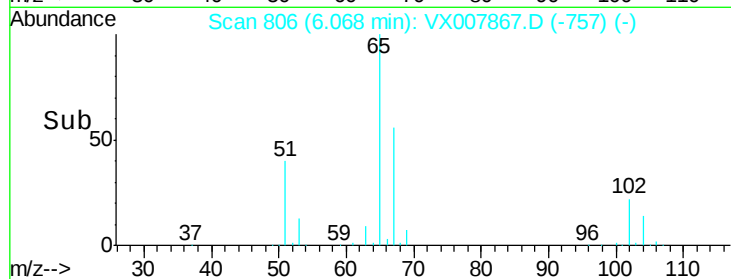
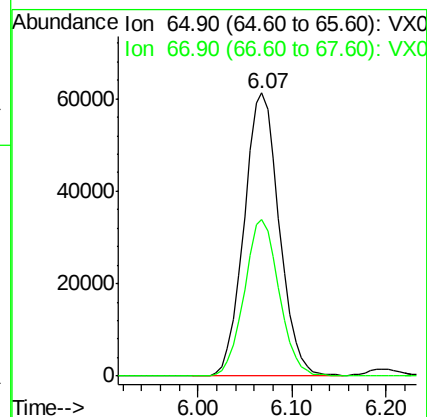
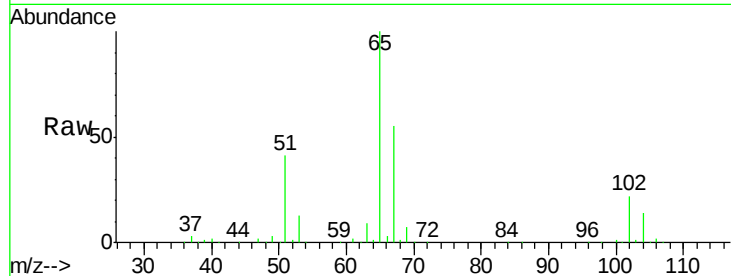




#33
 1,2-Dichloroethane-d4
 Concen: 50.876 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

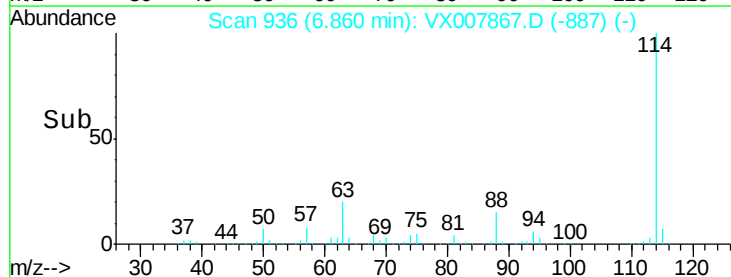
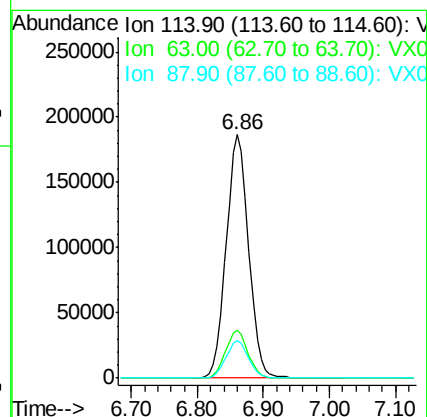
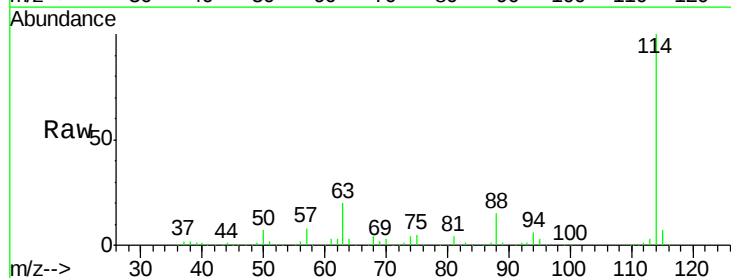
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

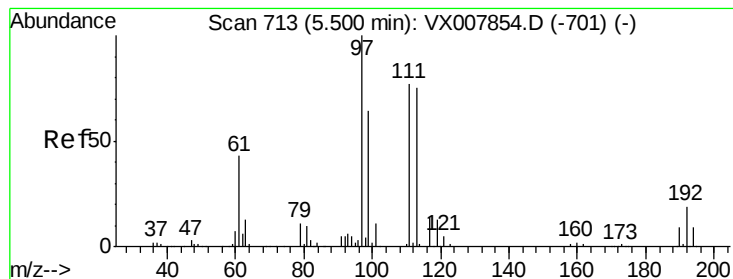
Tgt Ion: 65 Resp: 160045
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

Tgt Ion: 114 Resp: 437778
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.027 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

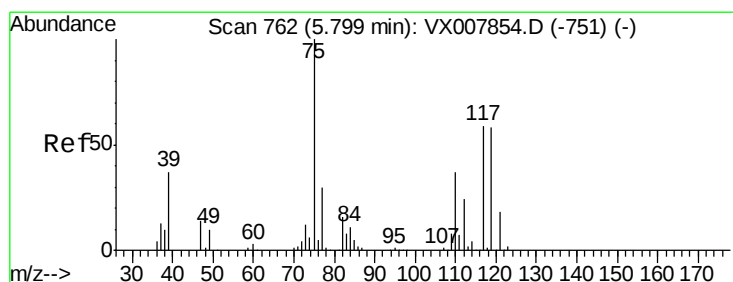
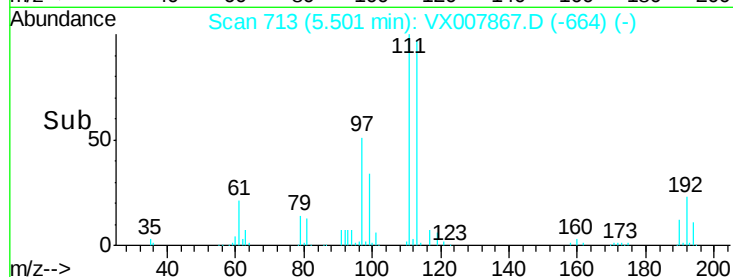
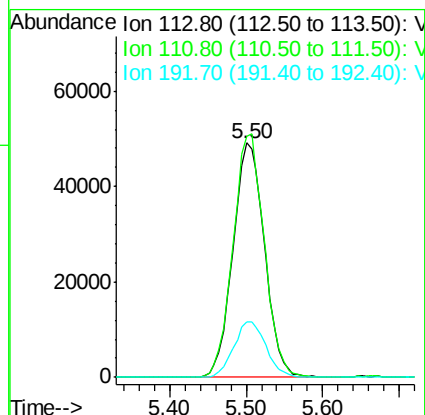
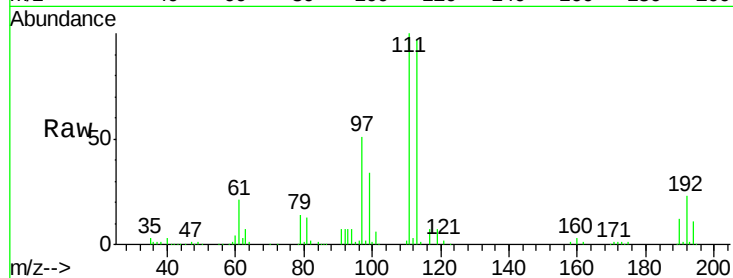
Tgt Ion:113 Resp: 140093

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 24.4 19.4 29.0



#36

1,1-Dichloropropene

Concen: 19.025 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

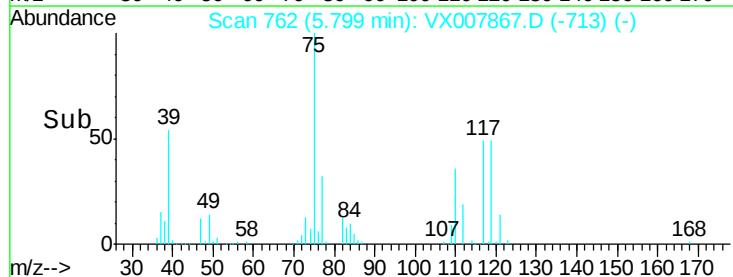
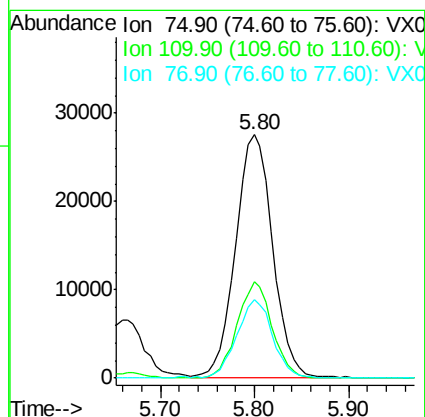
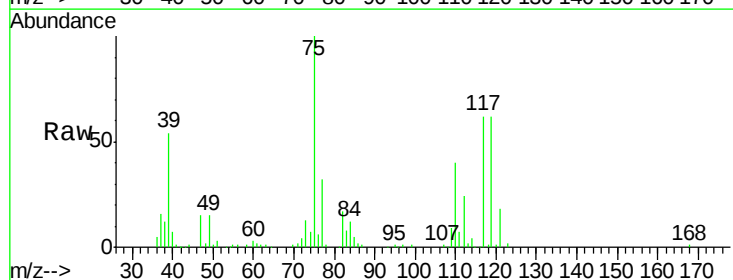
Tgt Ion: 75 Resp: 75416

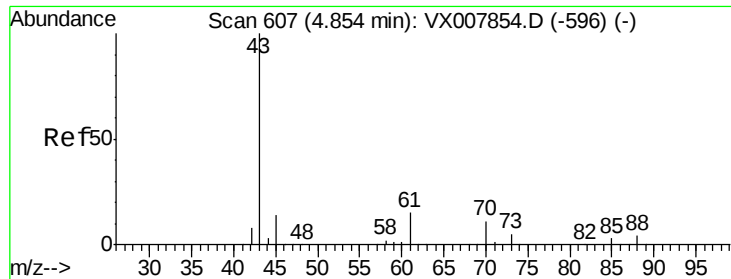
Ion Ratio Lower Upper

75 100

110 37.5 18.4 55.0

77 31.4 25.0 37.4

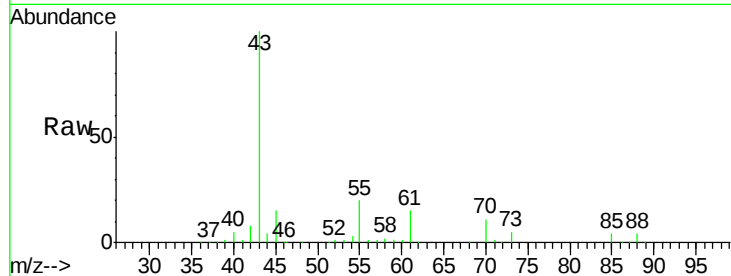




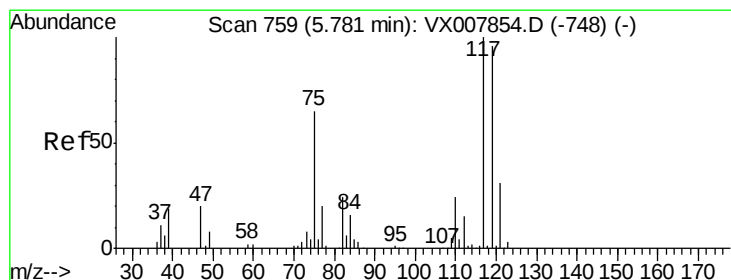
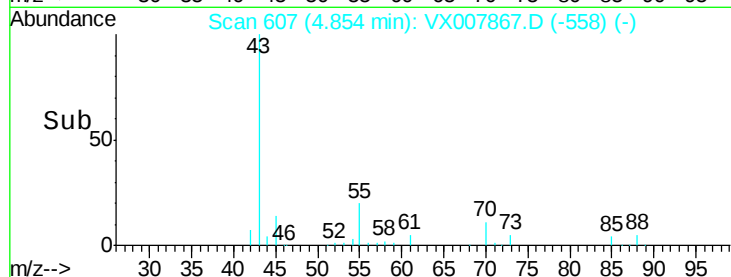
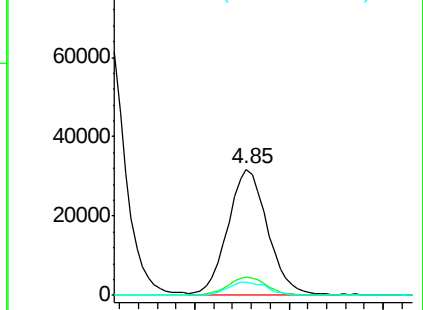
#37
Ethyl Acetate
Concen: 19.551 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tgt Ion: 43 Resp: 91968
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 10.8 8.5 12.7

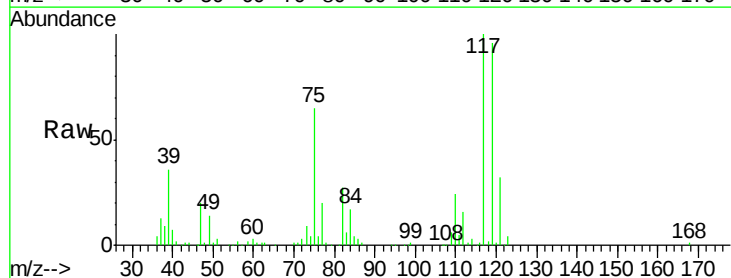


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

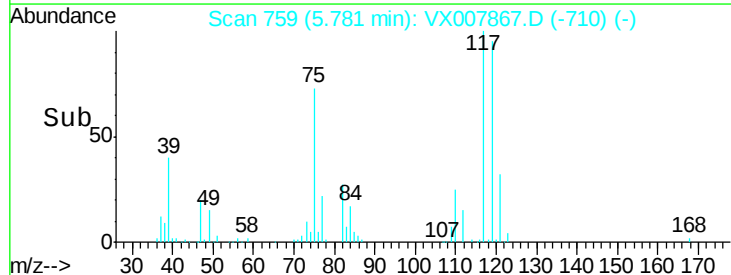
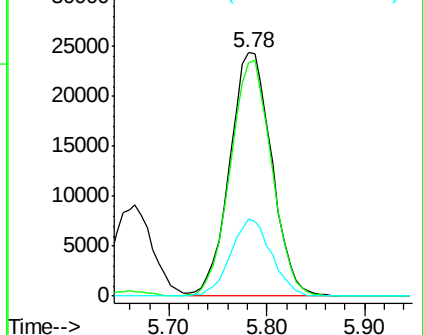


#38
Carbon Tetrachloride
Concen: 19.306 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion: 117 Resp: 72653
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2
121 31.8 24.6 36.8



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

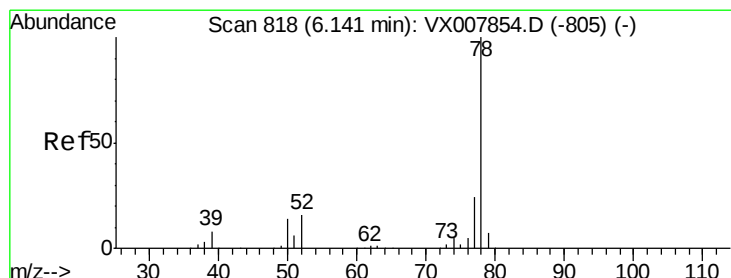
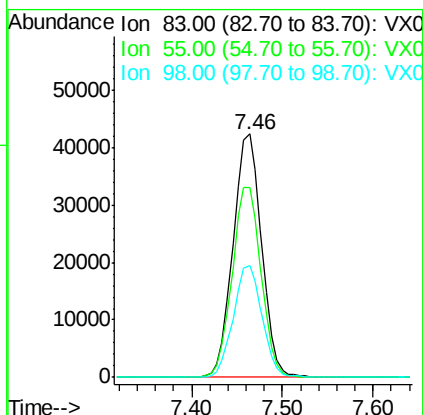
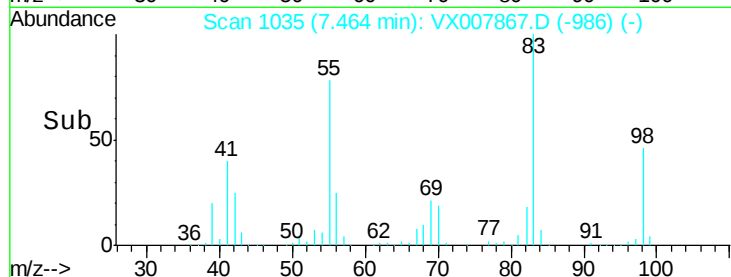
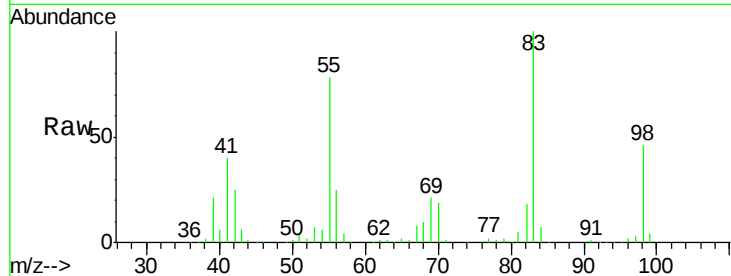




#39
Methylcyclohexane
Concen: 19.277 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

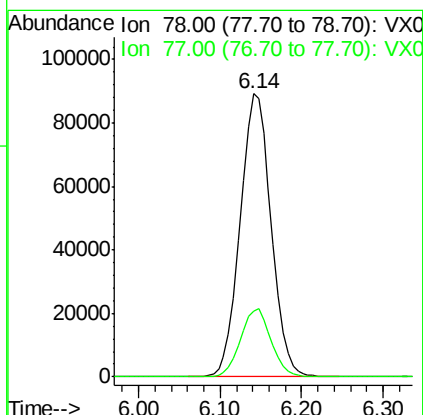
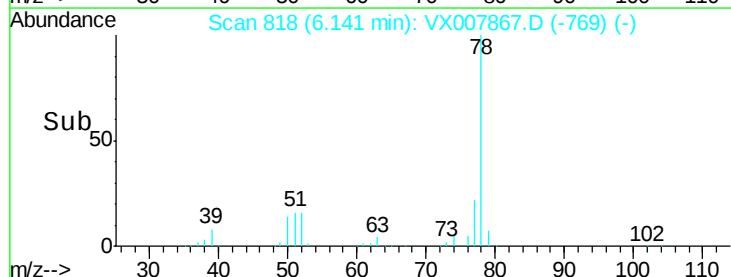
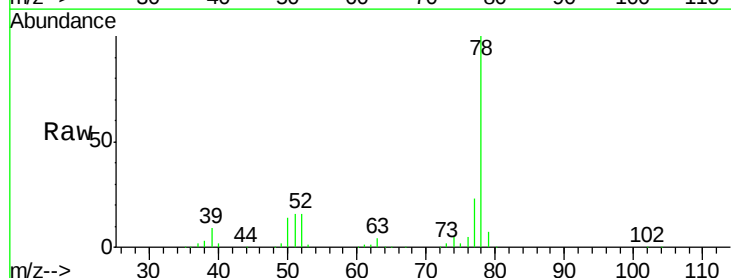
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tgt Ion: 83 Resp: 92592
Ion Ratio Lower Upper
83 100
55 77.9 60.4 90.6
98 45.9 36.5 54.7



#40
Benzene
Concen: 19.903 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion: 78 Resp: 234870
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4





#41

Methacrylonitrile

Concen: 20.300 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

Tgt Ion: 41 Resp: 52063

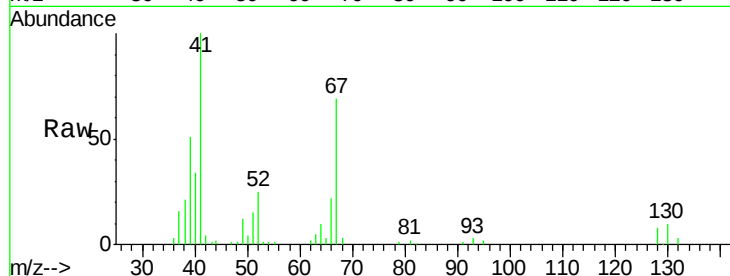
Ion Ratio Lower Upper

41 100

39 53.7 41.6 62.4

67 69.4 55.8 83.6

52 27.6 21.7 32.5

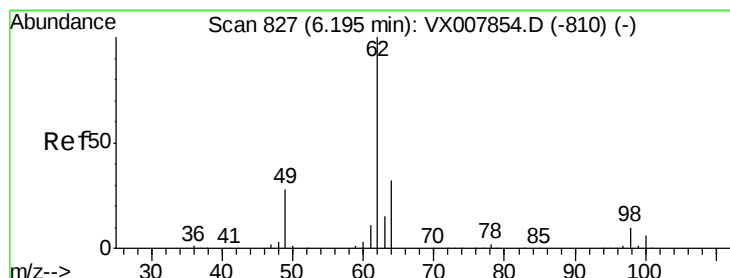
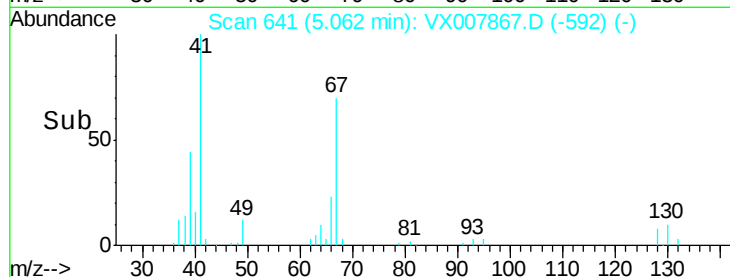
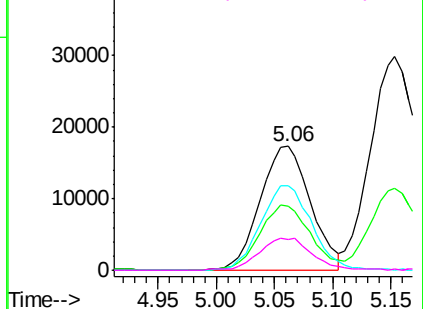


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.135 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007867.D

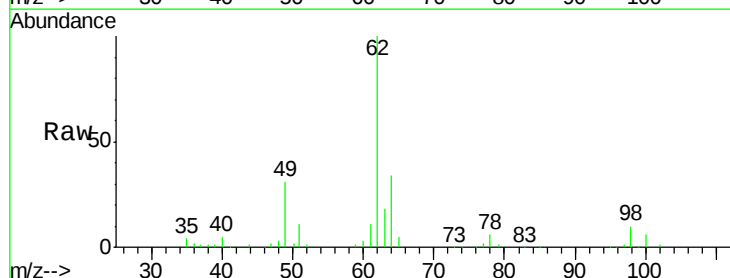
Acq: 06 Mar 2019 18:27

Tgt Ion: 62 Resp: 77708

Ion Ratio Lower Upper

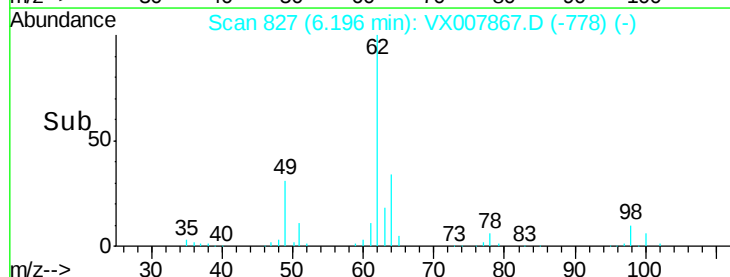
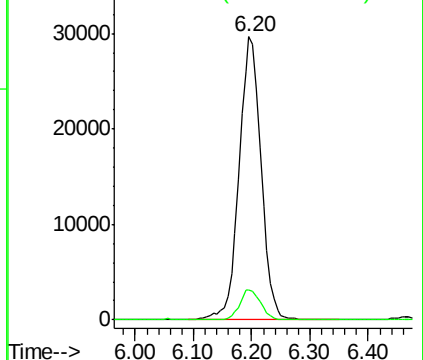
62 100

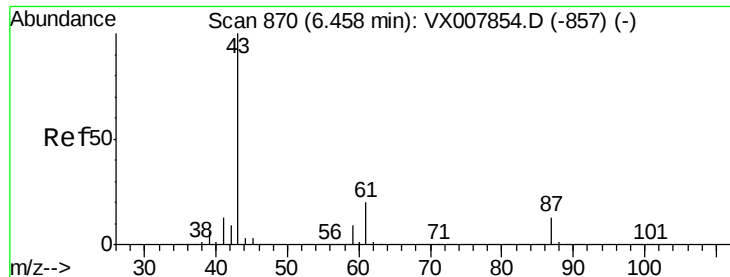
98 10.3 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.031 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampled :

VX0306WBSD01

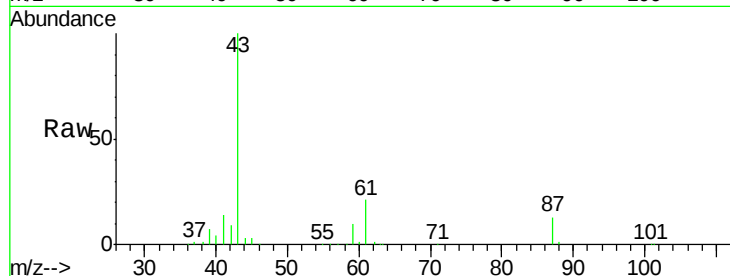
Tgt Ion: 43 Resp: 139455

Ion Ratio Lower Upper

43 100

61 20.5 16.3 24.5

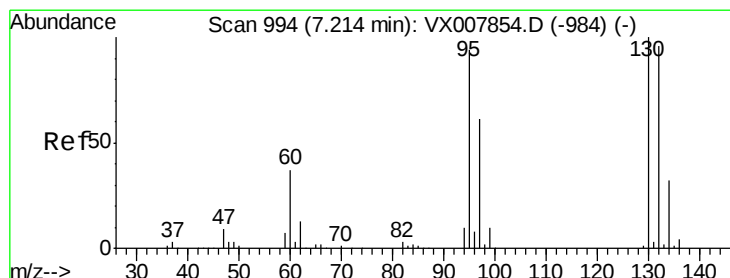
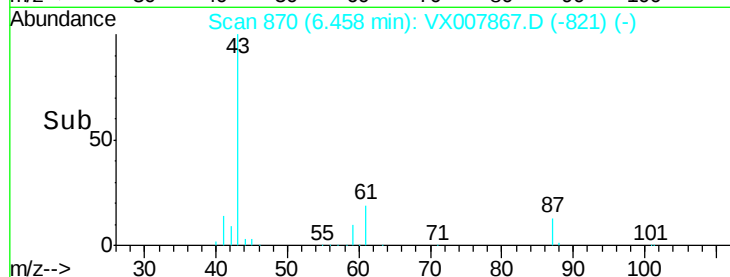
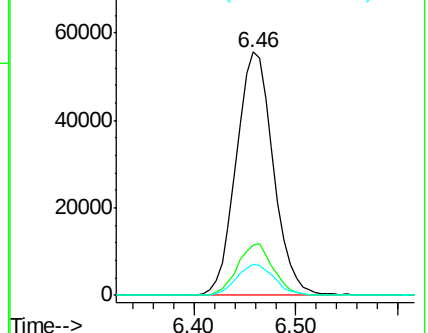
87 13.0 10.5 15.7



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: 19.188 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007867.D

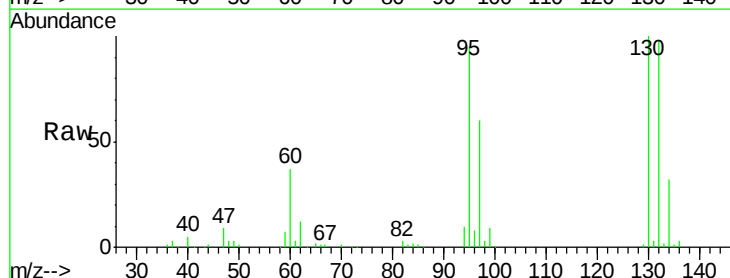
Acq: 06 Mar 2019 18:27

Tgt Ion: 130 Resp: 62403

Ion Ratio Lower Upper

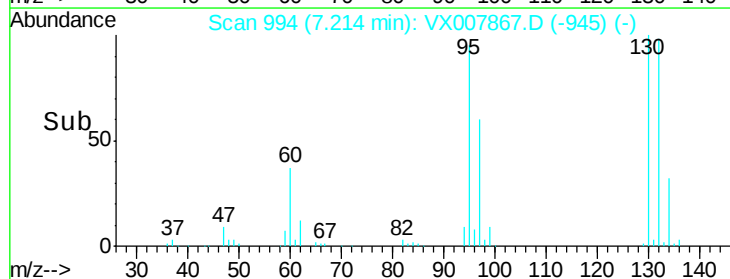
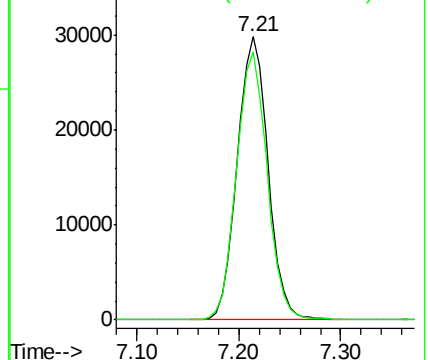
130 100

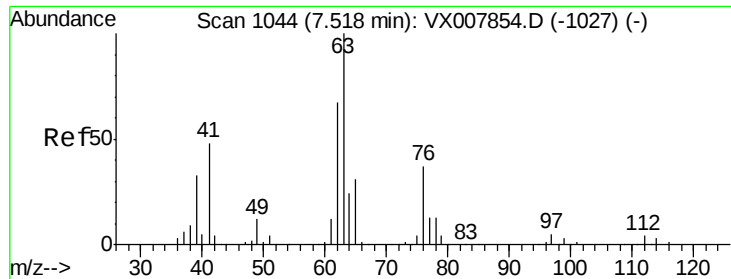
95 94.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.145 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

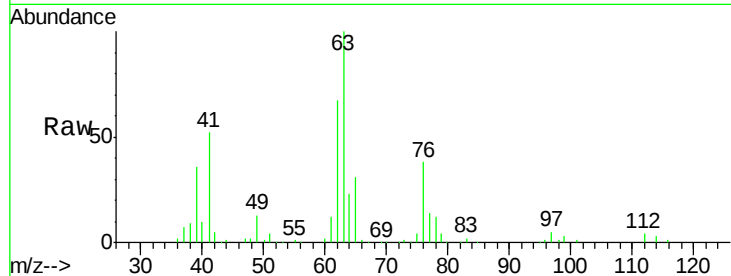
VX0306WBSD01

Tgt Ion: 63 Resp: 62788

Ion Ratio Lower Upper

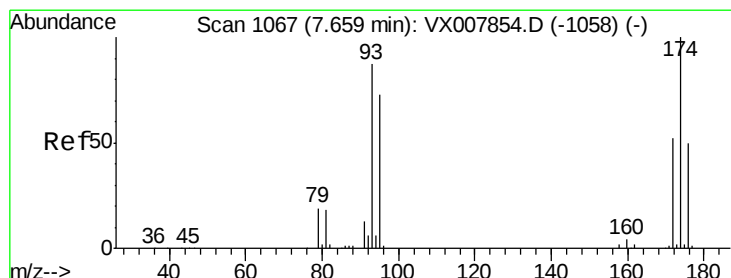
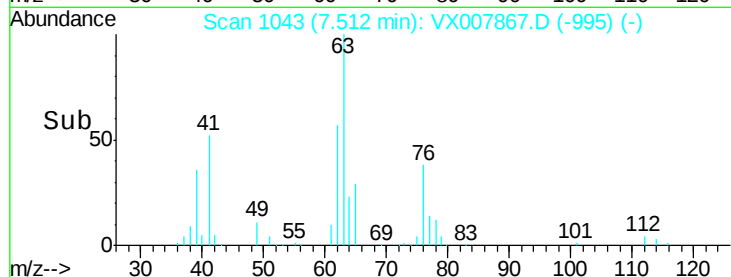
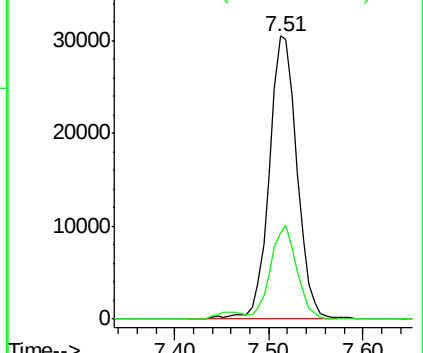
63 100

65 30.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.880 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

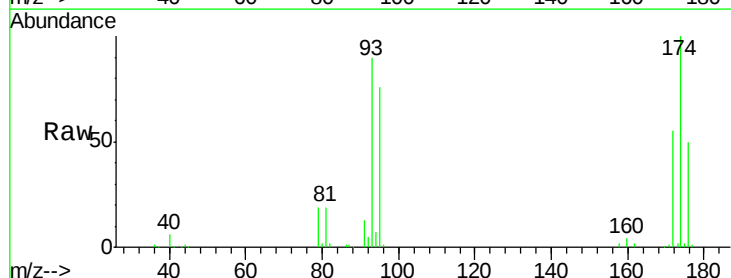
Tgt Ion: 93 Resp: 39213

Ion Ratio Lower Upper

93 100

95 84.9 66.8 100.2

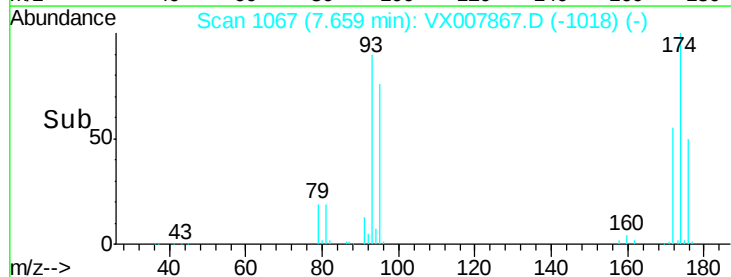
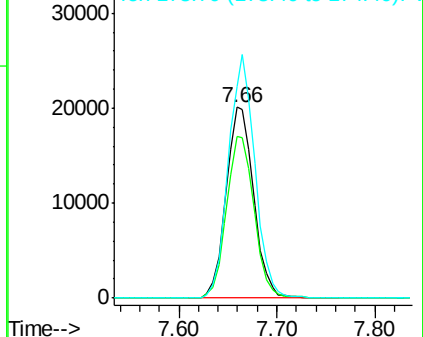
174 122.2 97.3 145.9

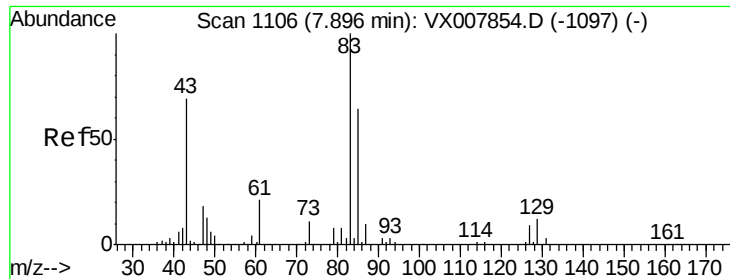


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.742 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

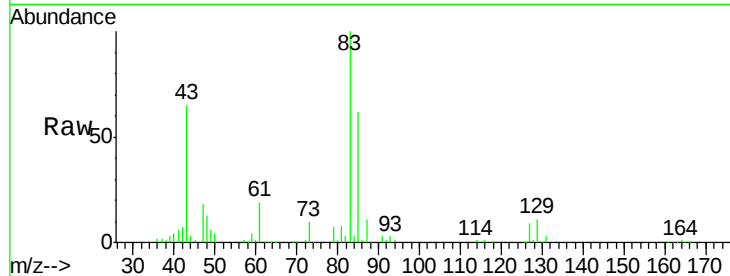
Tgt Ion: 83 Resp: 73831

Ion Ratio Lower Upper

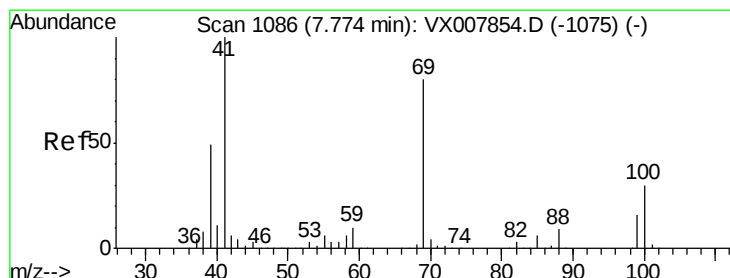
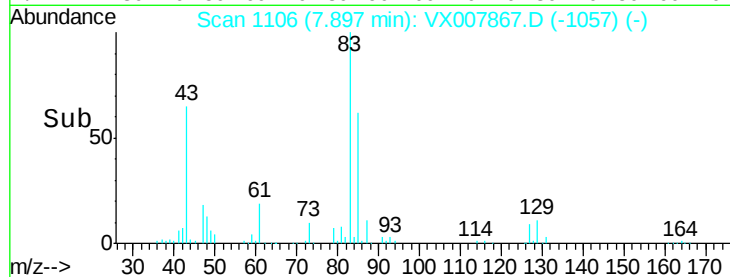
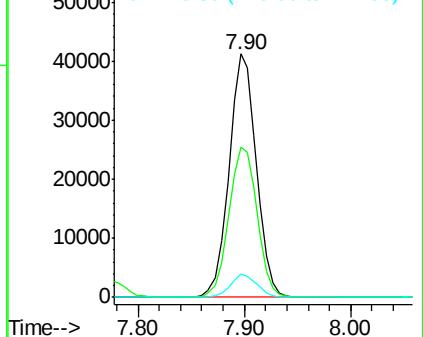
83 100

85 61.8 50.9 76.3

127 9.4 7.4 11.0



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: 20.030 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

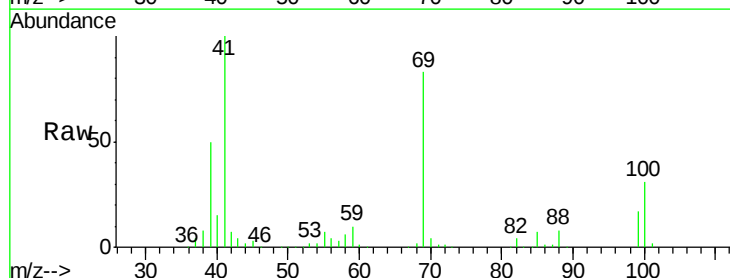
Tgt Ion: 41 Resp: 73313

Ion Ratio Lower Upper

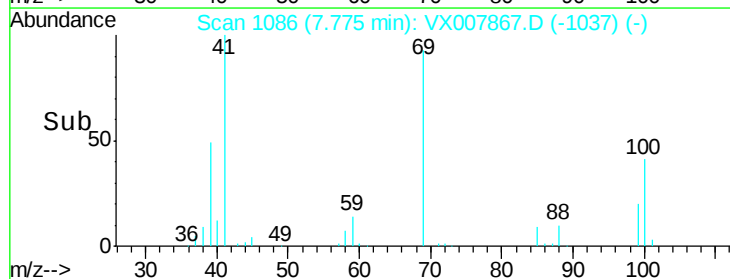
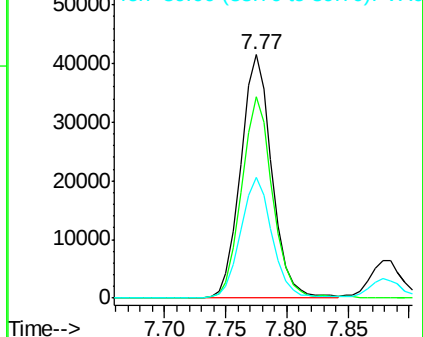
41 100

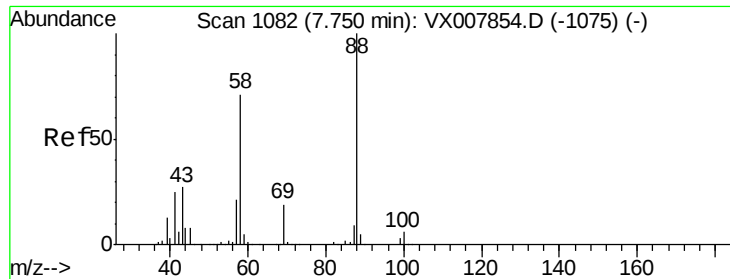
69 82.8 65.2 97.8

39 50.5 39.4 59.2



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

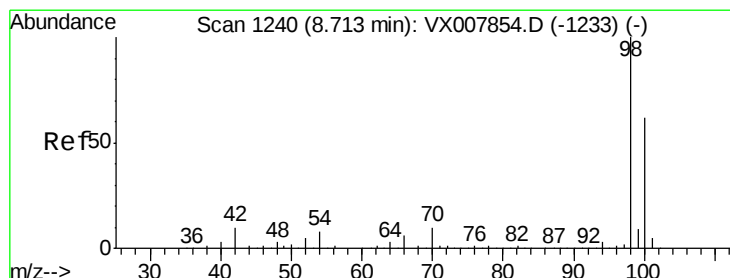
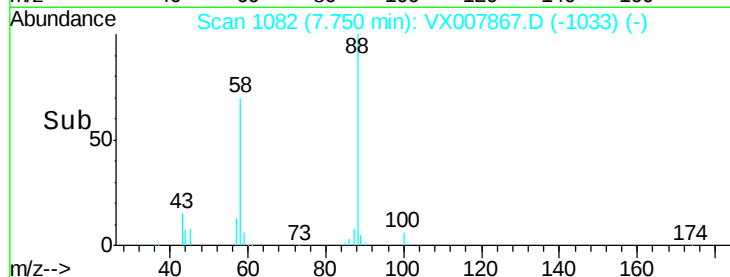
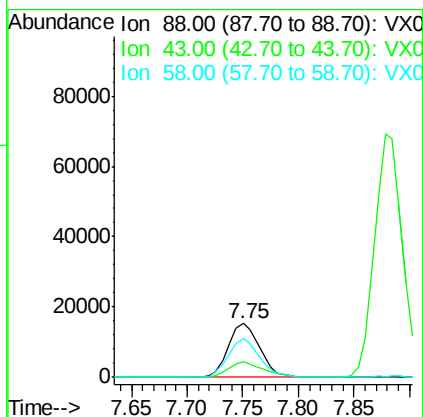
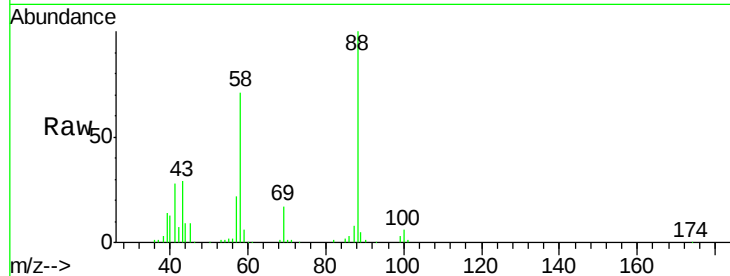




#49
1,4-Dioxane
Concen: 403.966 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

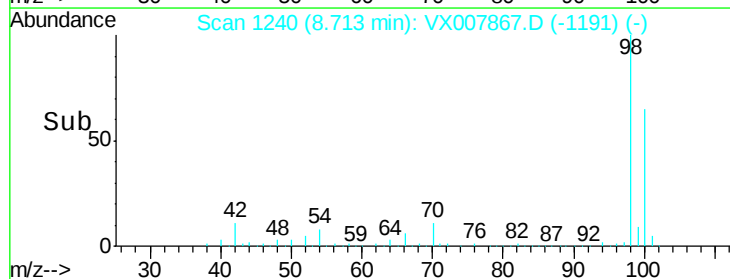
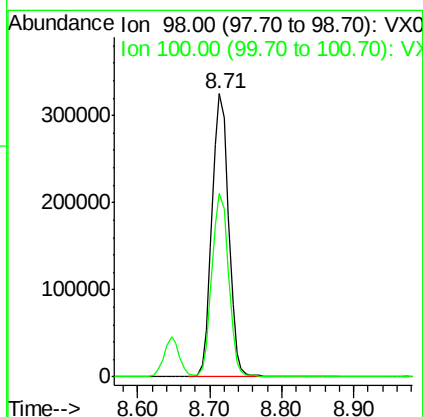
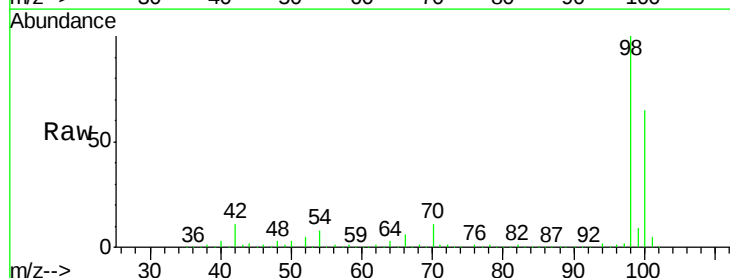
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tgt Ion: 88 Resp: 30374
Ion Ratio Lower Upper
88 100
43 32.9 25.1 37.7
58 71.8 57.8 86.6



#50
Toluene-d8
Concen: 50.839 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion: 98 Resp: 522848
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 103.915 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

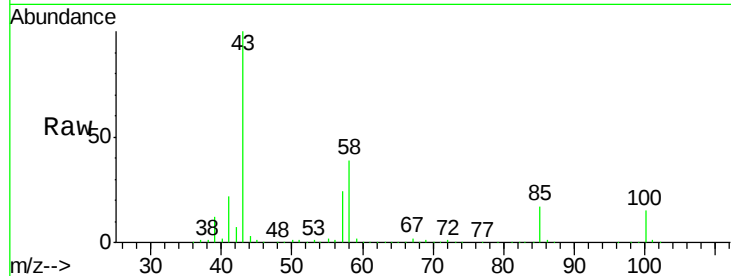
VX0306WBSD01

Tgt Ion: 43 Resp: 465245

Ion Ratio Lower Upper

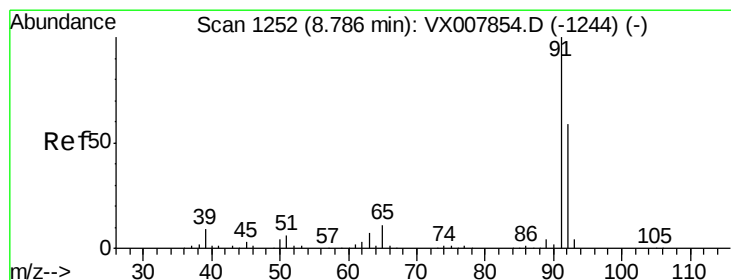
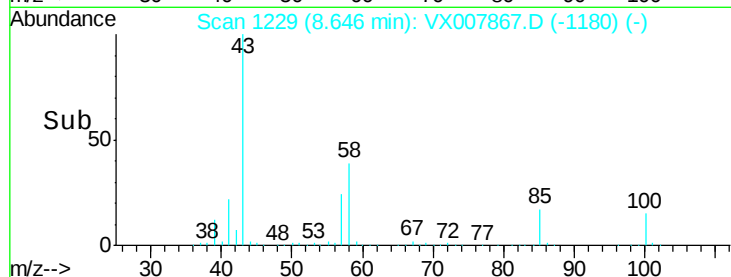
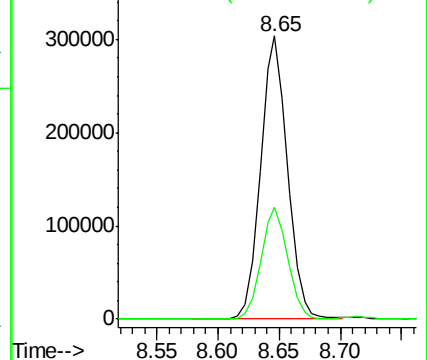
43 100

58 39.1 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.944 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007867.D

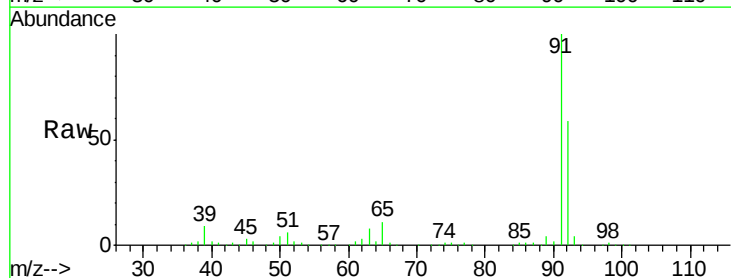
Acq: 06 Mar 2019 18:27

Tgt Ion: 92 Resp: 143690

Ion Ratio Lower Upper

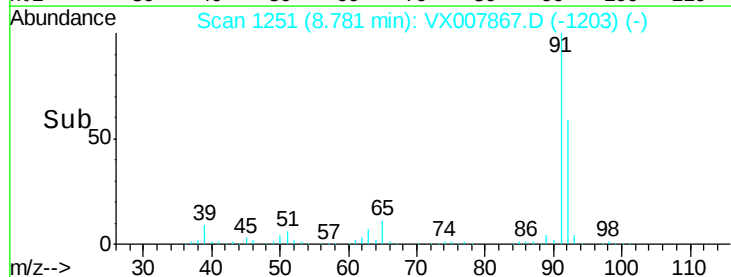
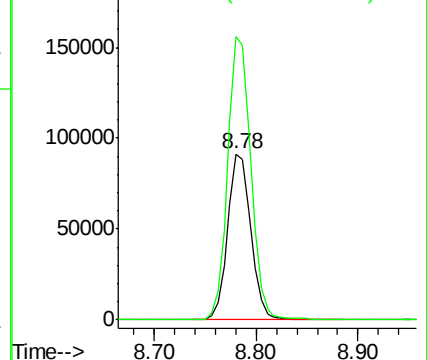
92 100

91 171.4 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.096 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

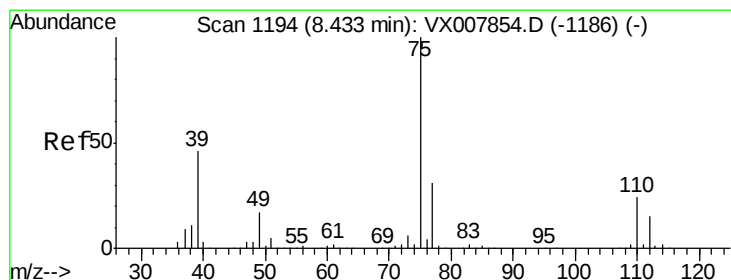
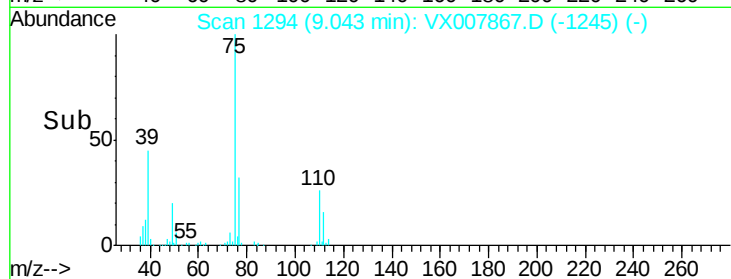
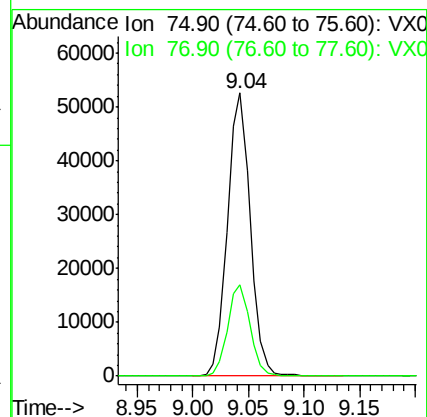
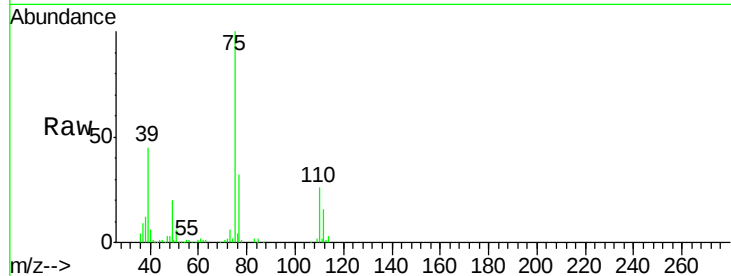
VX0306WBSD01

Tgt Ion: 75 Resp: 74538

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.484 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

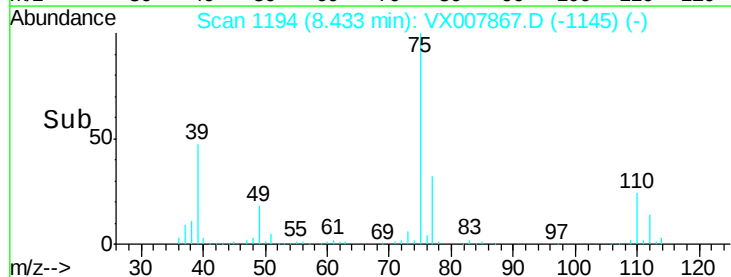
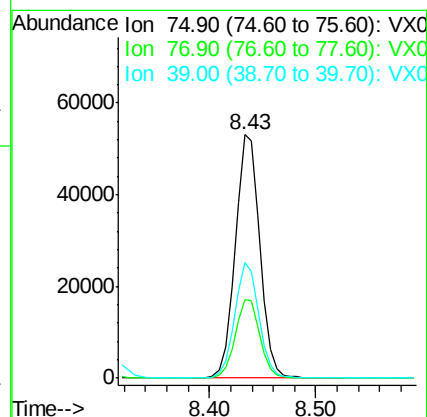
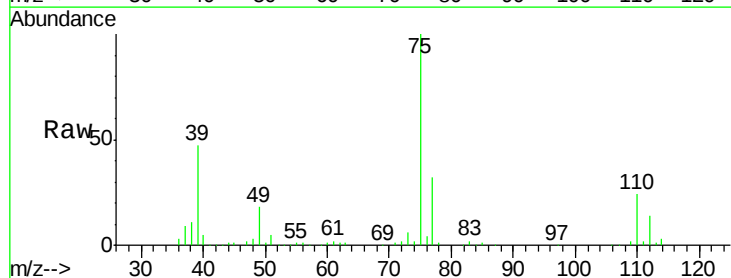
Tgt Ion: 75 Resp: 85882

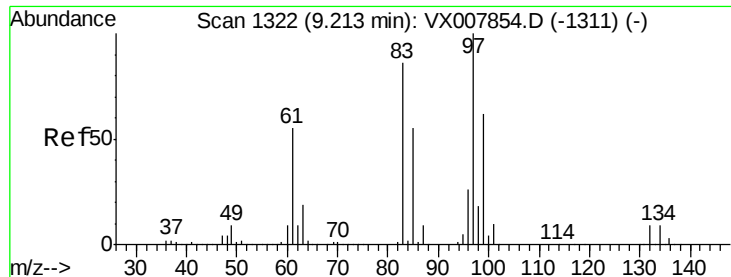
Ion Ratio Lower Upper

75 100

77 32.5 25.0 37.6

39 47.2 36.6 54.8

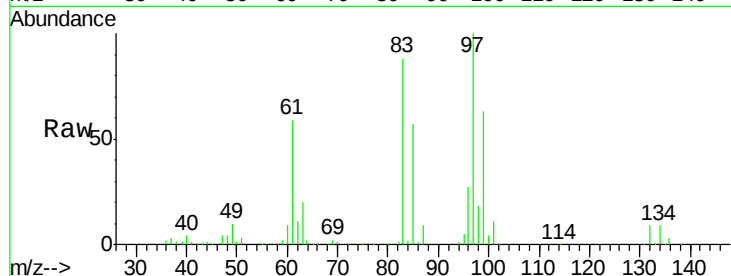




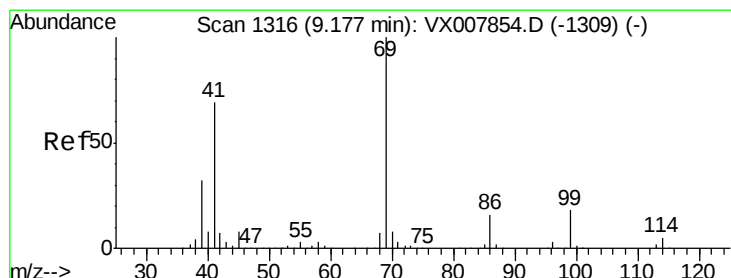
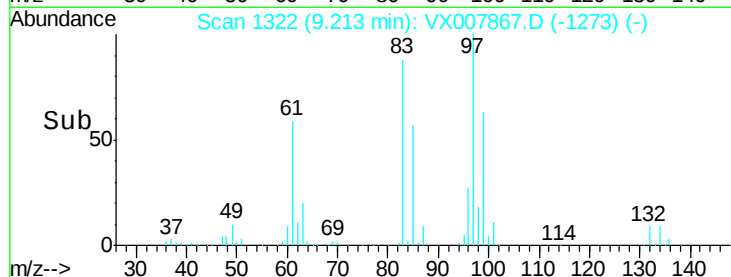
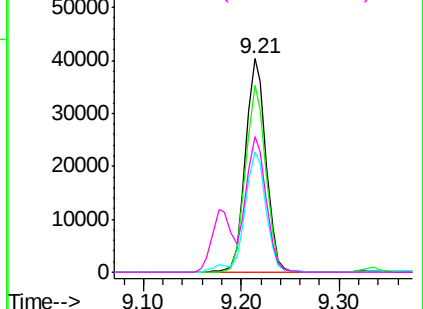
#55
1,1,2-Trichloroethane
Concen: 20.151 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tgt Ion: 97 Resp: 58772
Ion Ratio Lower Upper
97 100
83 87.6 69.1 103.7
85 56.6 44.3 66.5
99 63.4 49.8 74.8

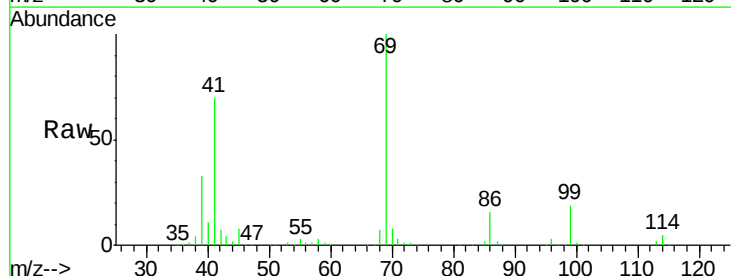


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

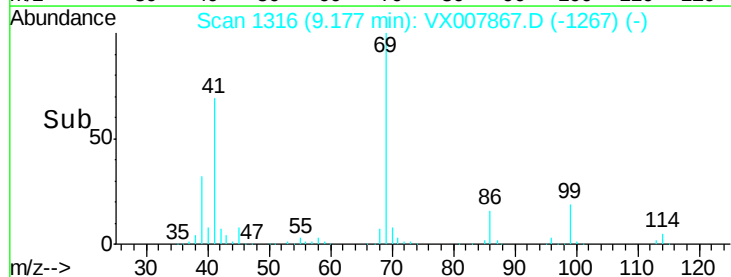
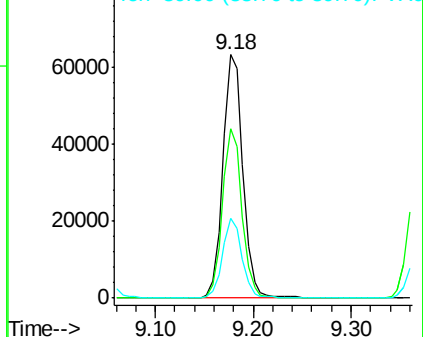


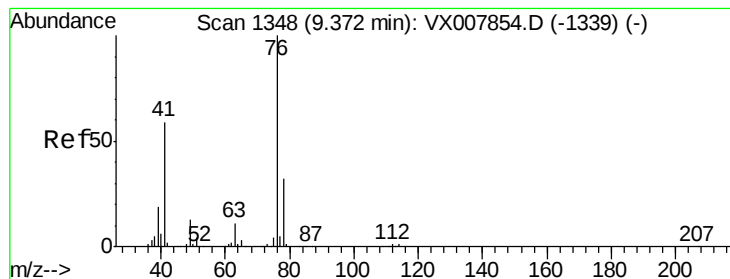
#56
Ethyl methacrylate
Concen: 20.443 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion: 69 Resp: 89522
Ion Ratio Lower Upper
69 100
41 68.8 54.2 81.4
39 31.4 25.0 37.4



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: 20.143 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

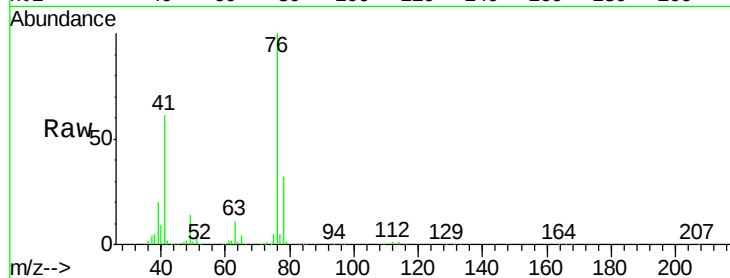
VX0306WBSD01

Tgt Ion: 76 Resp: 98644

Ion Ratio Lower Upper

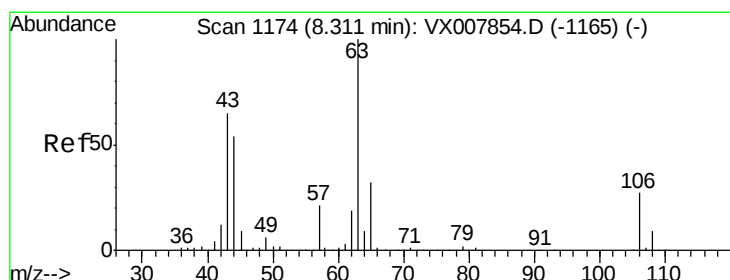
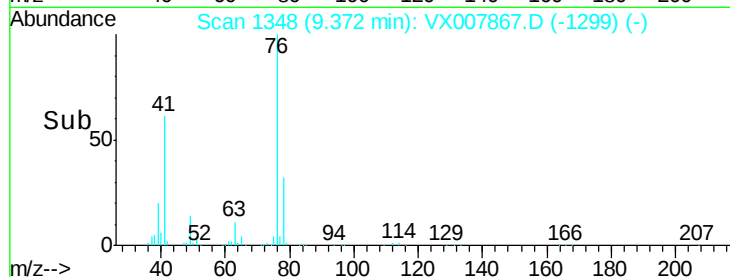
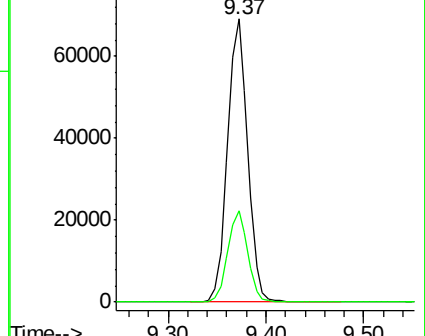
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 119.890 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007867.D

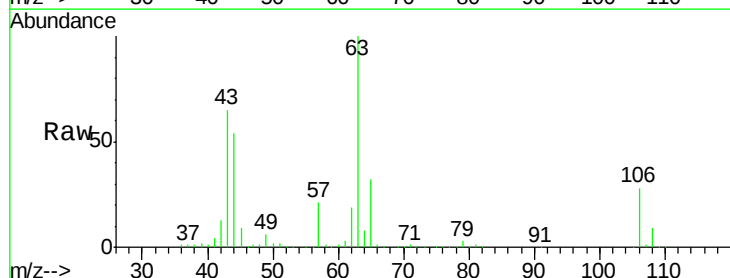
Acq: 06 Mar 2019 18:27

Tgt Ion: 63 Resp: 271577

Ion Ratio Lower Upper

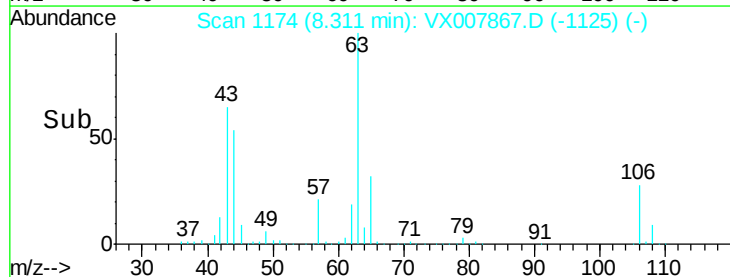
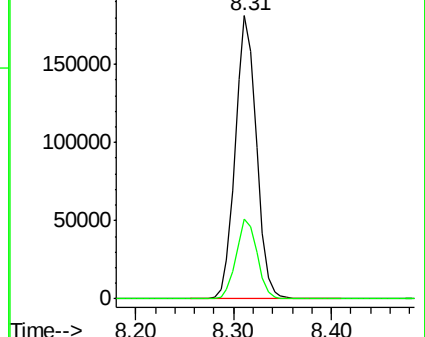
63 100

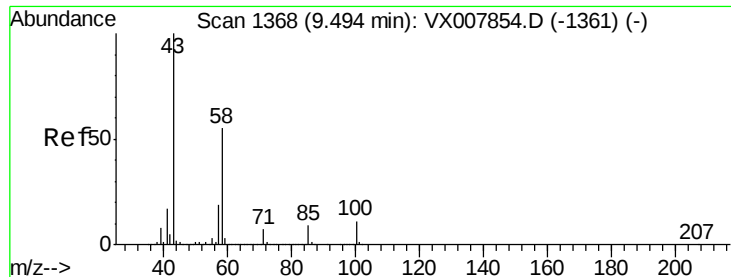
106 28.0 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

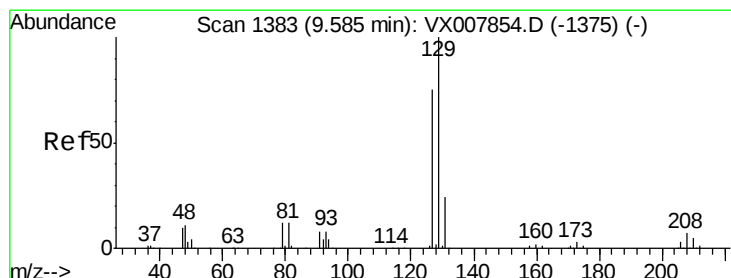
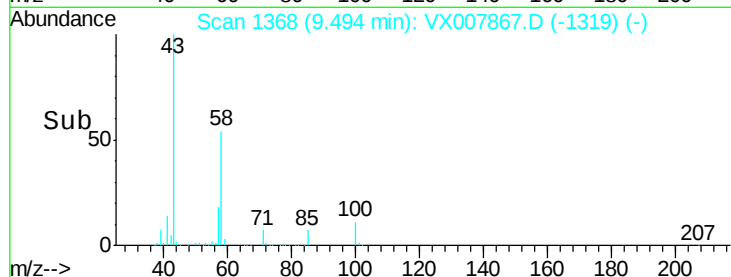
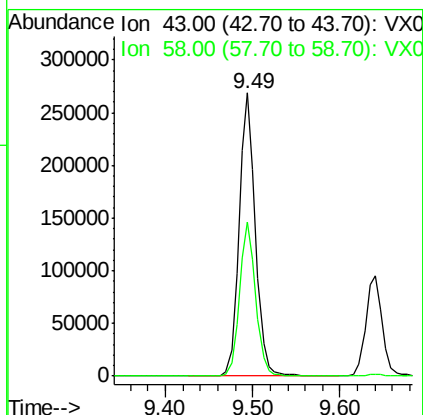
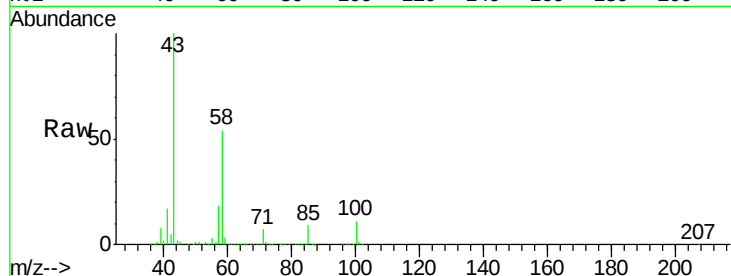




#59
2-Hexanone
Concen: 100.549 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

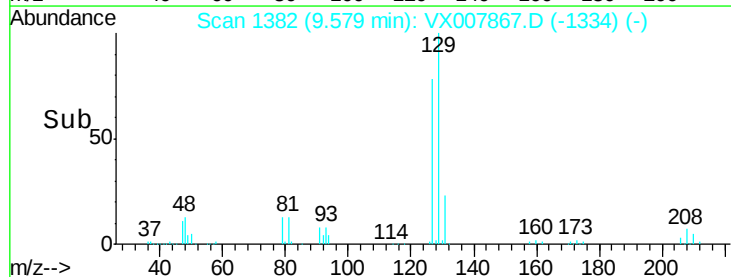
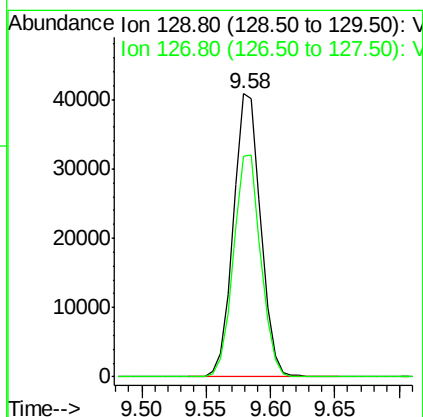
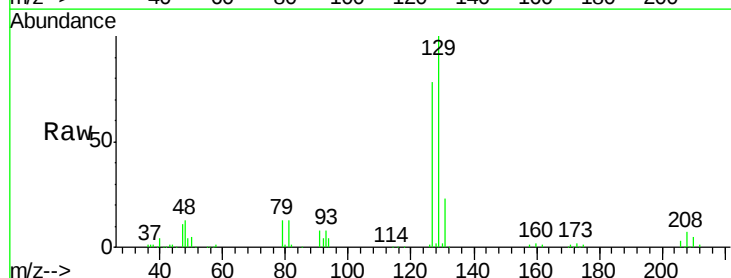
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

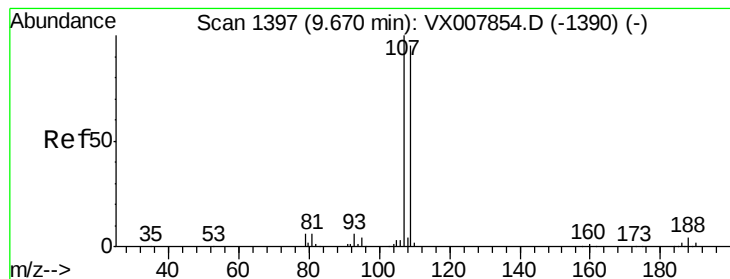
Tgt Ion: 43 Resp: 349506
Ion Ratio Lower Upper
43 100
58 54.3 27.6 82.7



#60
Dibromochloromethane
Concen: 19.783 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion: 129 Resp: 60308
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.197 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

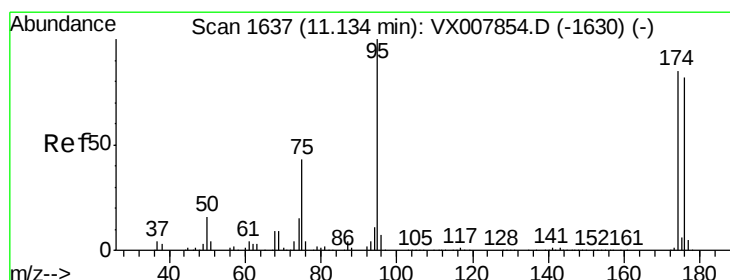
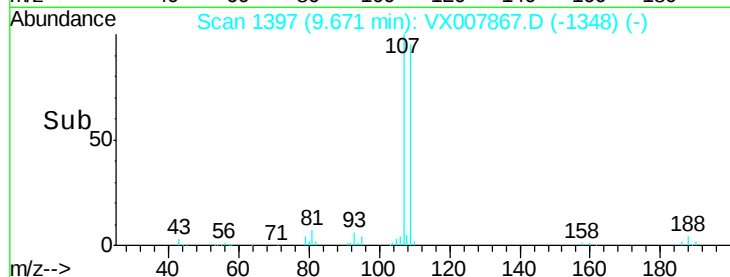
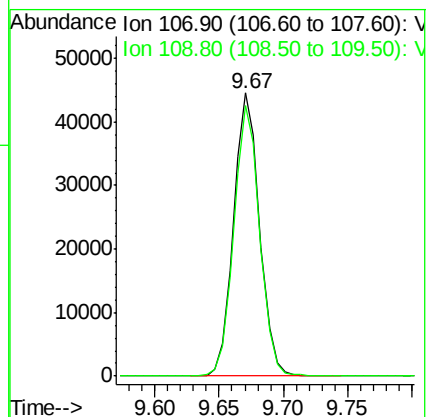
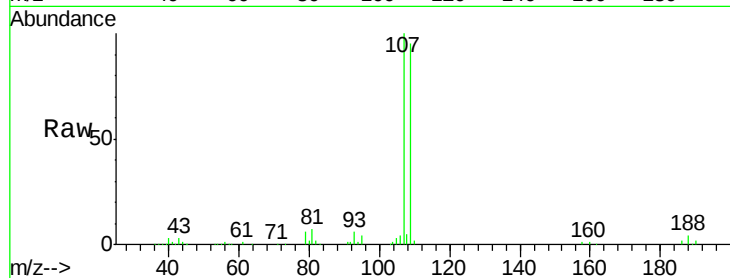
VX0306WBSD01

Tgt Ion: 107 Resp: 62542

Ion Ratio Lower Upper

107 100

109 95.3 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 50.704 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

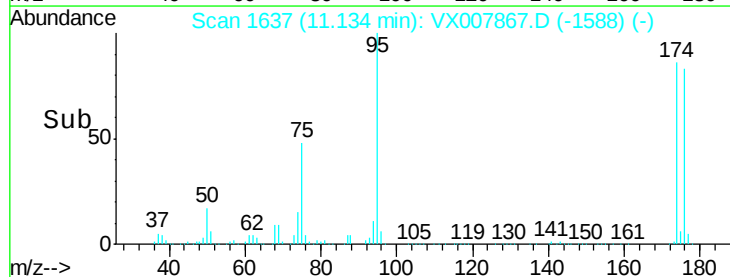
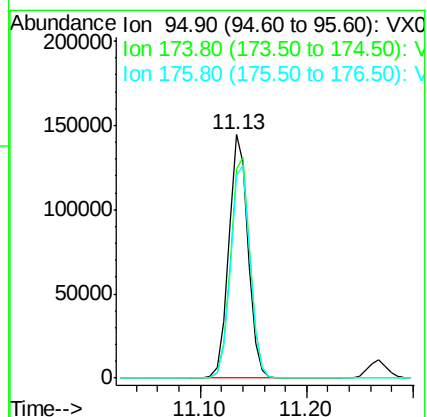
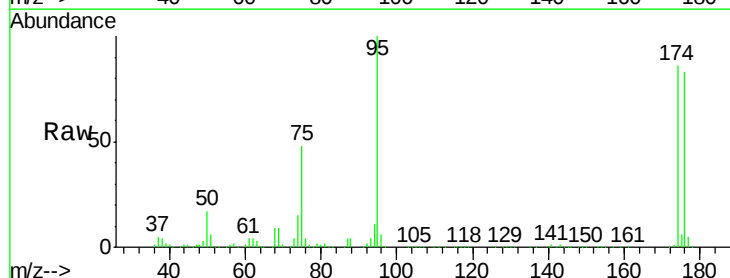
Tgt Ion: 95 Resp: 182824

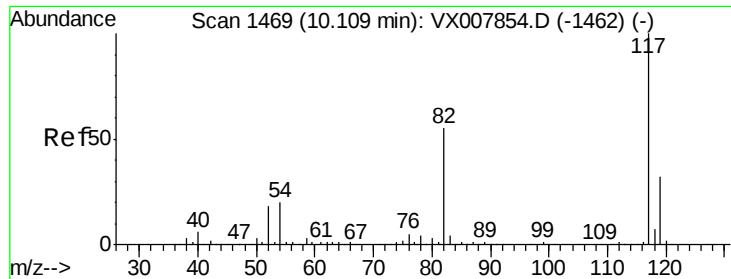
Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.8

176 89.4 0.0 178.0

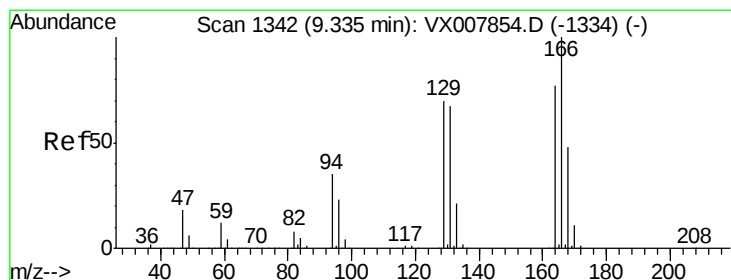
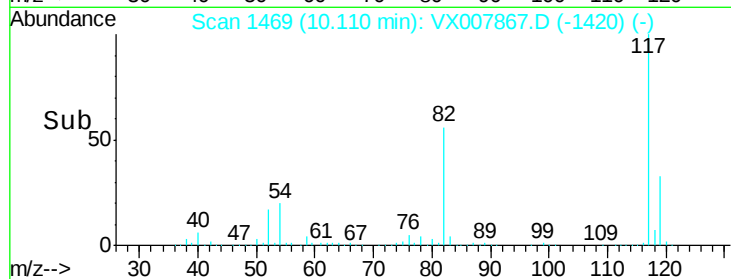
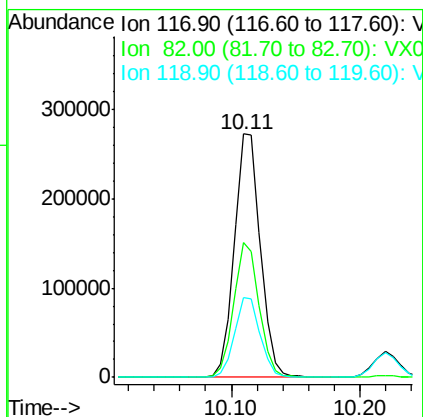
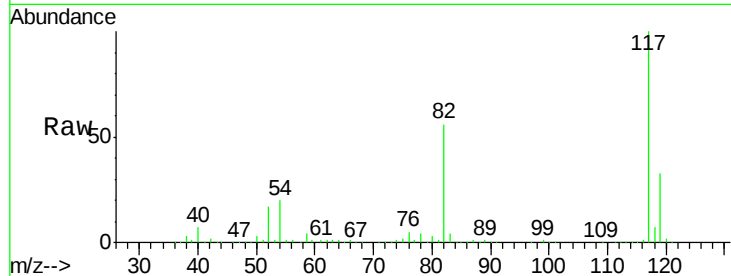




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

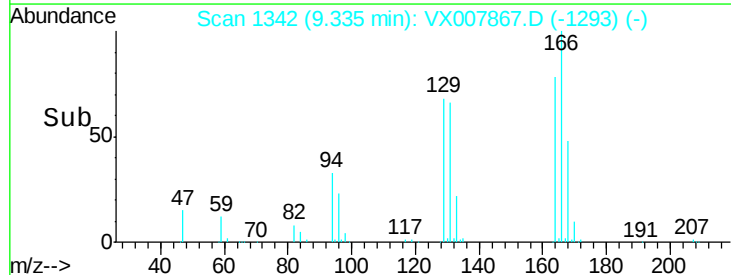
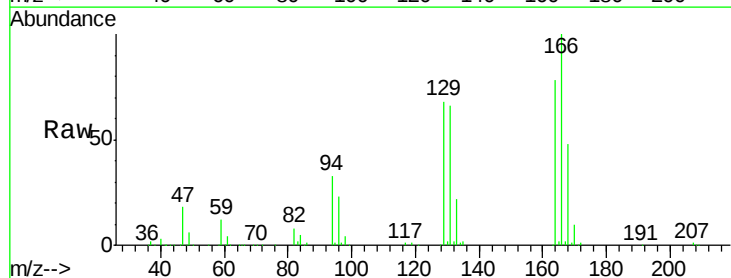
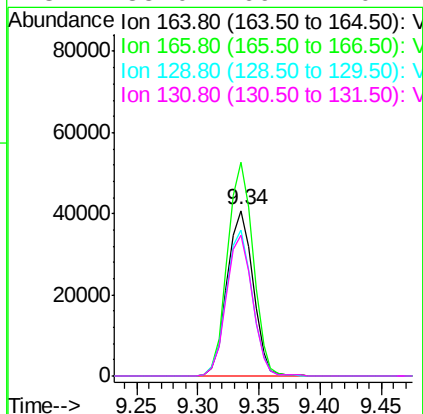
Instrument :
MSVOA_X
ClientSampled :
VX0306WBSD01

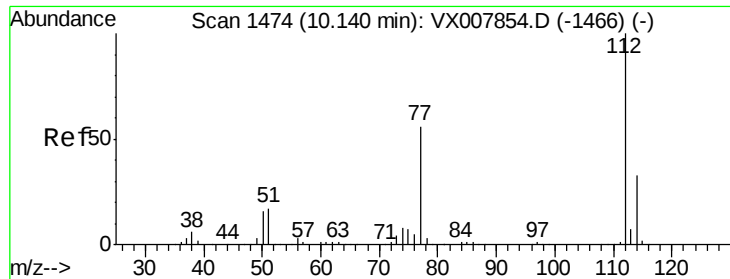
Tgt Ion:117 Resp: 383355
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.6 25.3 37.9



#64
Tetrachloroethene
Concen: 18.847 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion:164 Resp: 59874
Ion Ratio Lower Upper
164 100
166 129.0 103.4 155.0
129 88.2 72.2 108.4
131 85.0 69.4 104.2

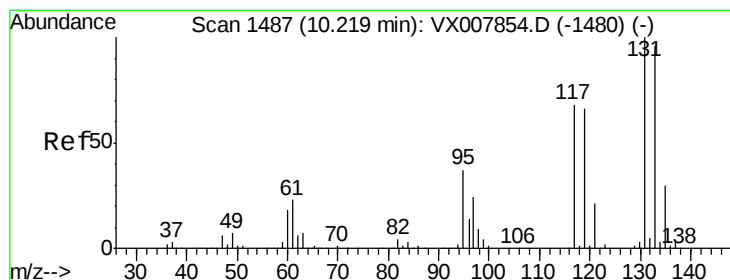
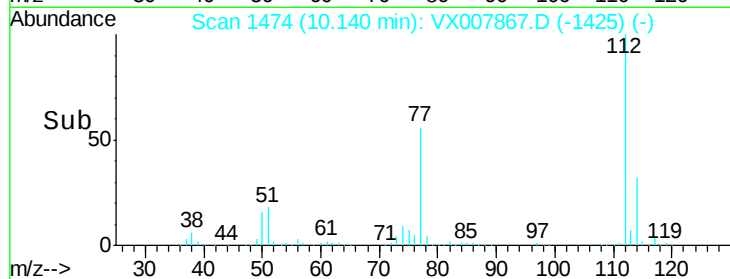
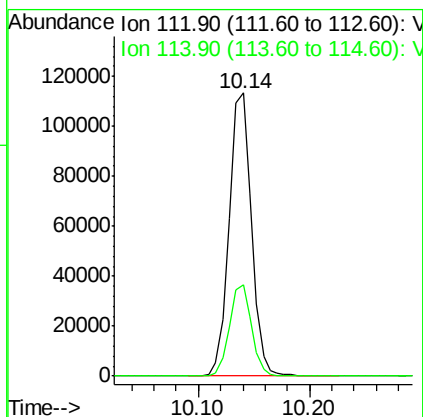
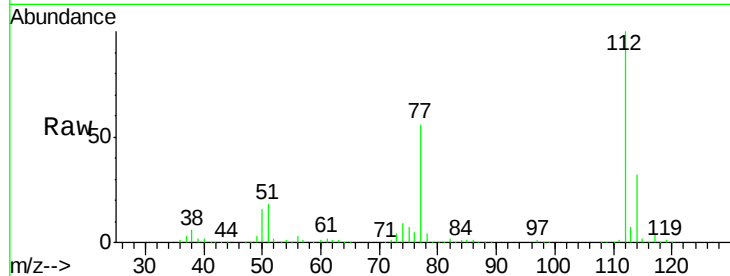




#65
Chlorobenzene
Concen: 19.616 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

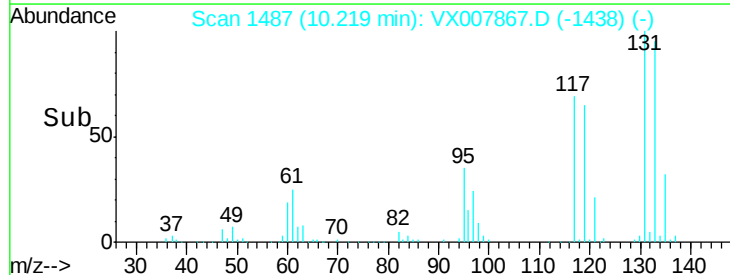
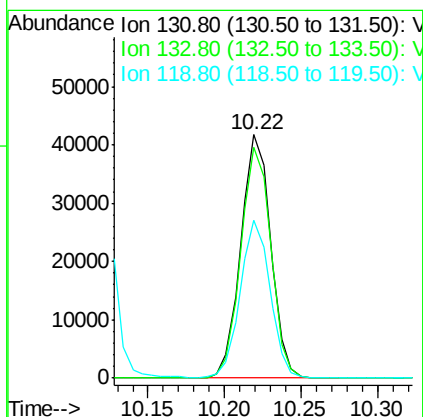
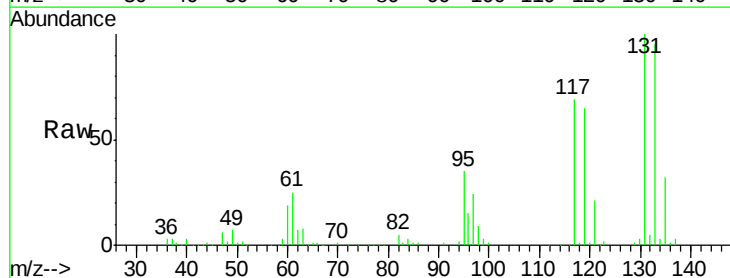
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

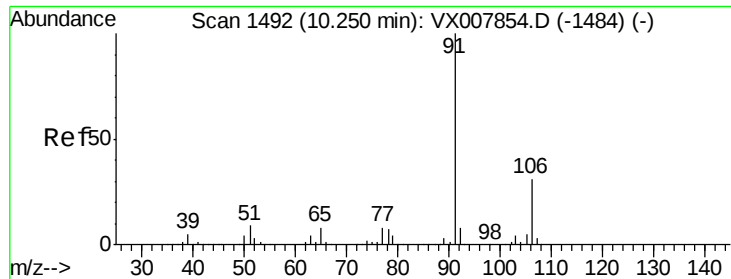
Tgt Ion:112 Resp: 157360
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.732 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion:131 Resp: 56732
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.3
119 65.0 32.5 97.5





#67

Ethyl Benzene

Concen: 19.932 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

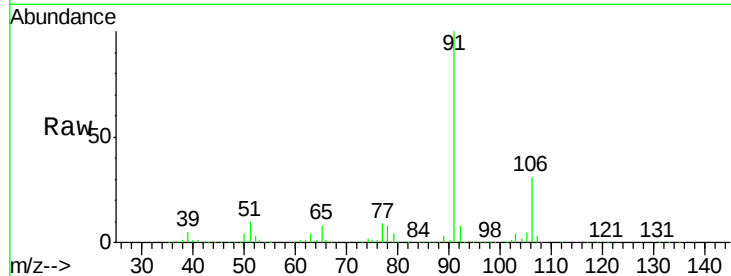
VX0306WBSD01

Tgt Ion: 91 Resp: 263205

Ion Ratio Lower Upper

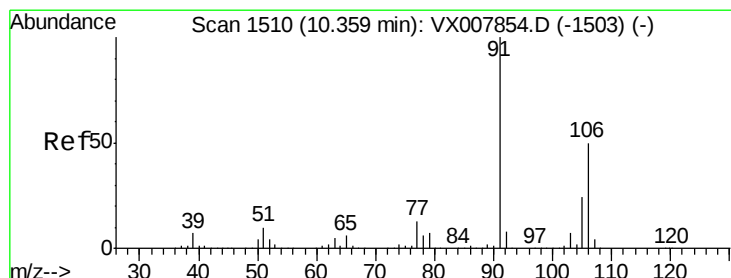
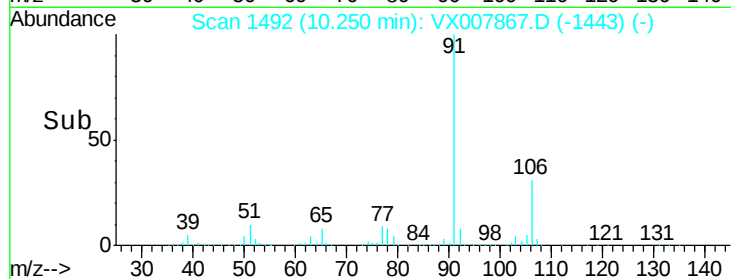
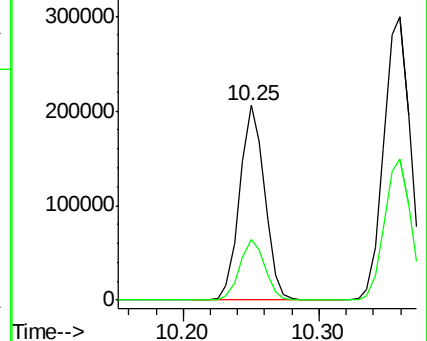
91 100

106 31.0 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.650 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007867.D

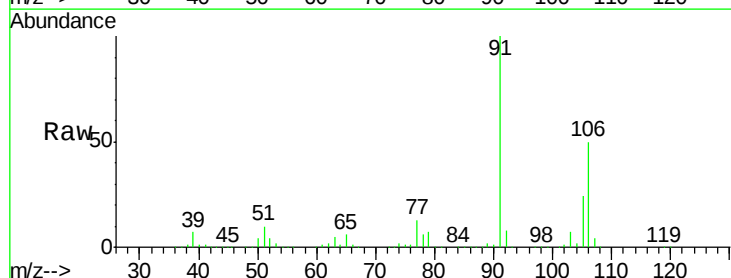
Acq: 06 Mar 2019 18:27

Tgt Ion: 106 Resp: 201816

Ion Ratio Lower Upper

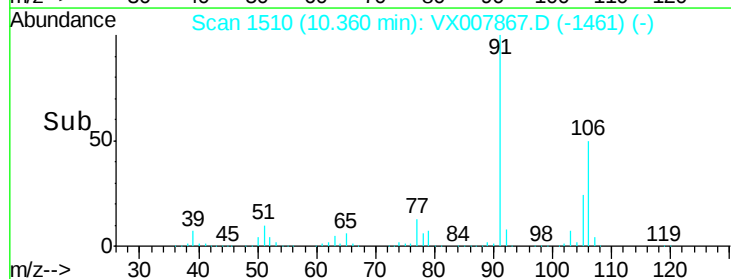
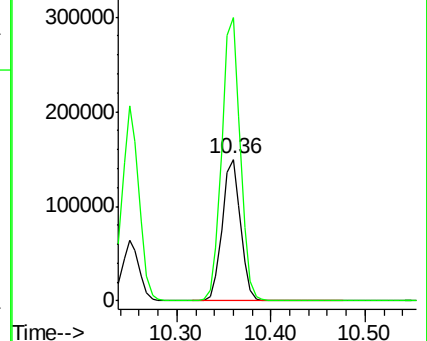
106 100

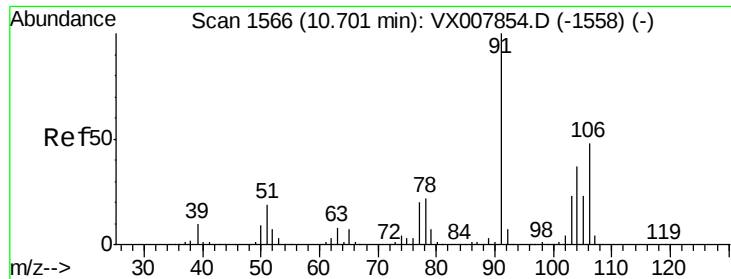
91 201.0 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

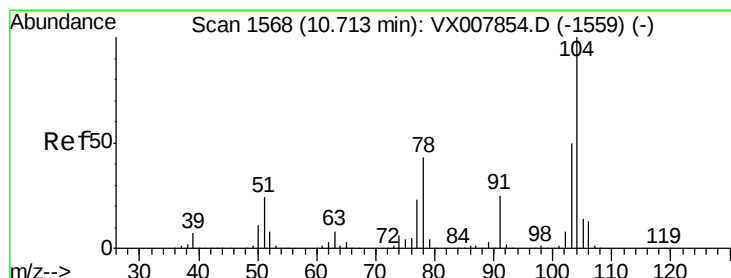
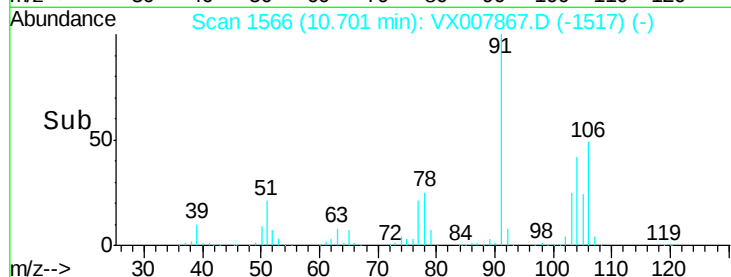
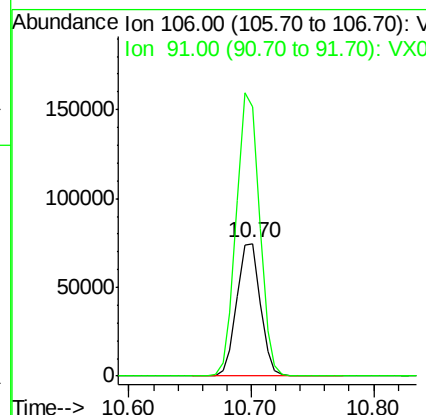
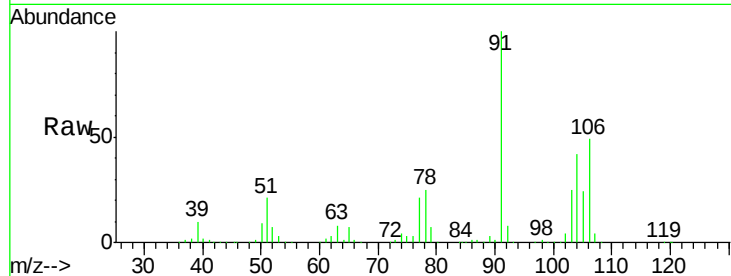




#69
o-Xylene
Concen: 20.165 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

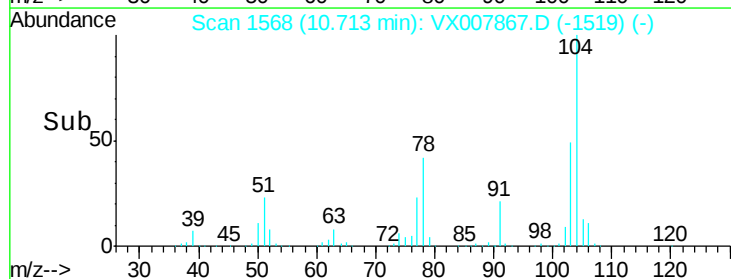
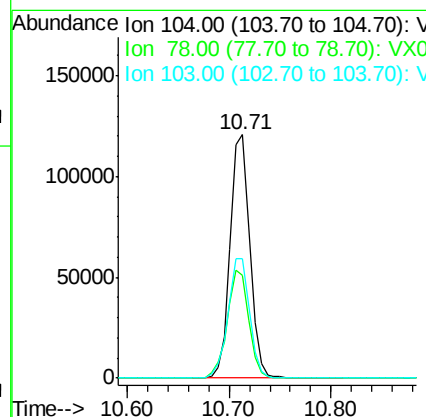
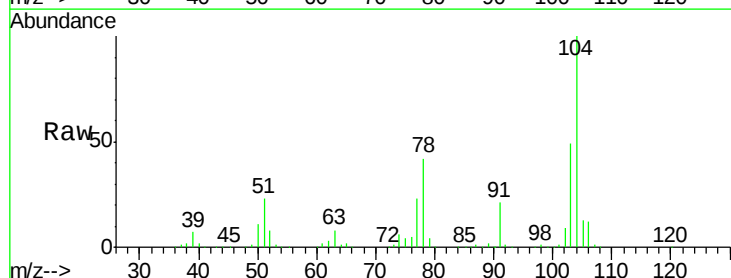
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

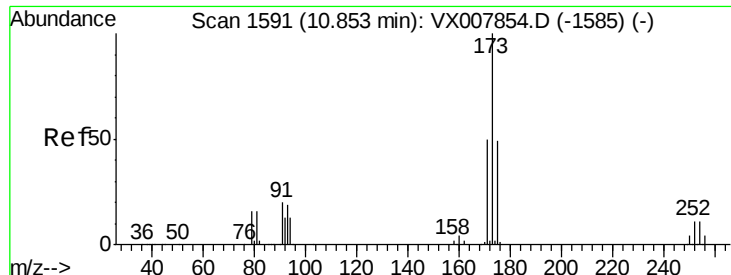
Tgt Ion:106 Resp: 99090
Ion Ratio Lower Upper
106 100
91 211.4 106.3 318.9



#70
Styrene
Concen: 20.116 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion:104 Resp: 161759
Ion Ratio Lower Upper
104 100
78 48.7 38.5 57.7
103 54.2 44.1 66.1





#71

Bromoform

Concen: 18.929 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

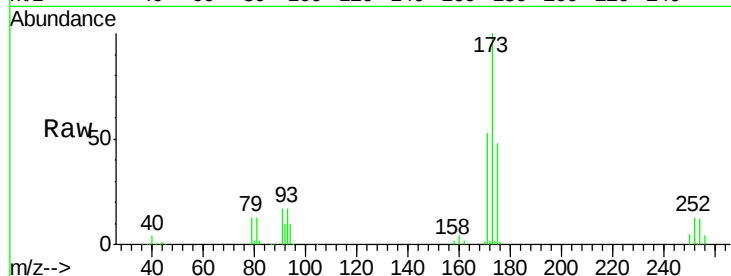
Tgt Ion:173 Resp: 46737

Ion Ratio Lower Upper

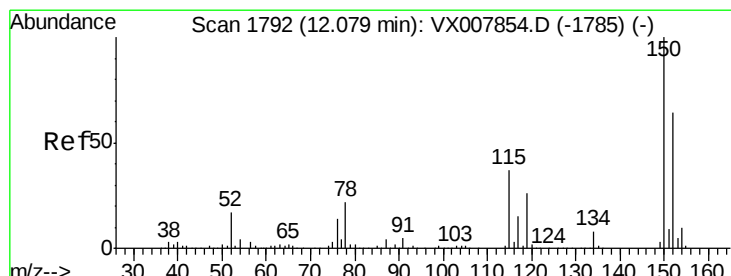
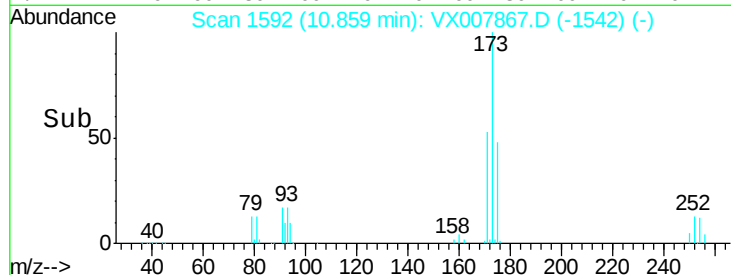
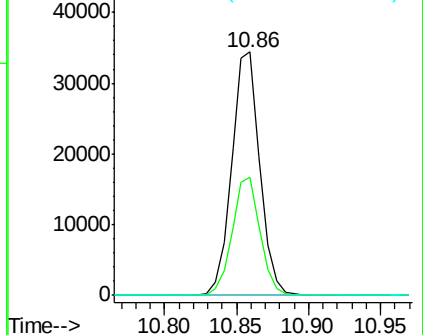
173 100

175 48.2 24.3 72.9

254 0.0 0.1 0.1#



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: VX007867.D

Acq: 06 Mar 2019 18:27

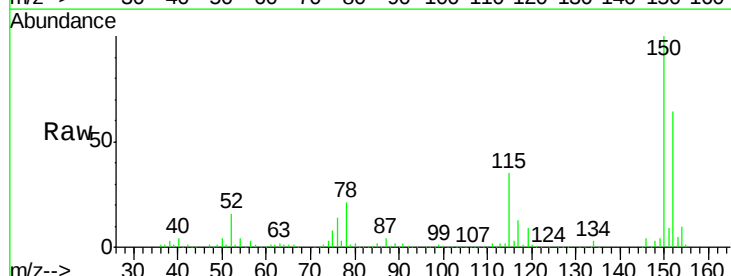
Tgt Ion:152 Resp: 189527

Ion Ratio Lower Upper

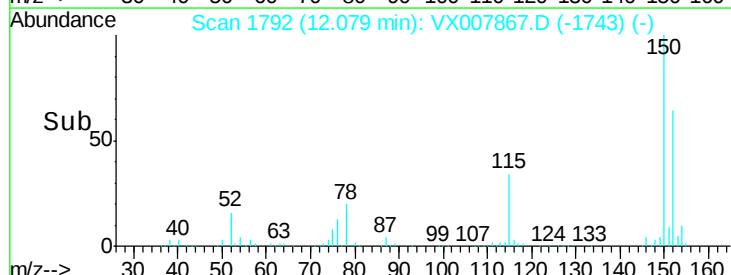
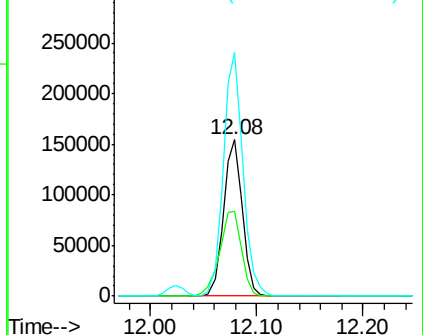
152 100

115 63.5 38.6 115.7

150 162.6 0.0 348.4



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





#73

Isopropylbenzene

Concen: 20.422 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

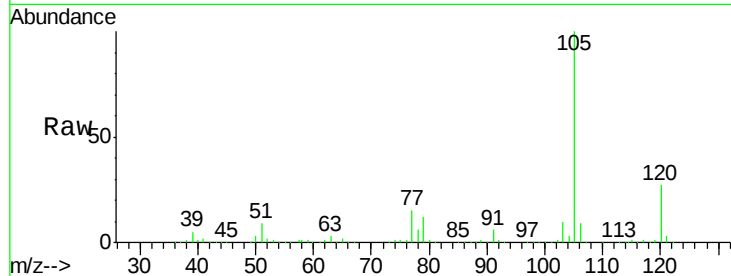
VX0306WBSD01

Tgt Ion:105 Resp: 261772

Ion Ratio Lower Upper

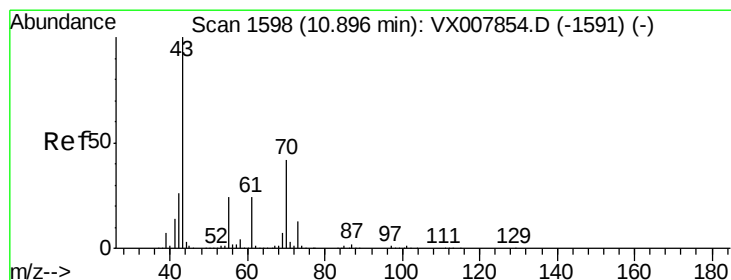
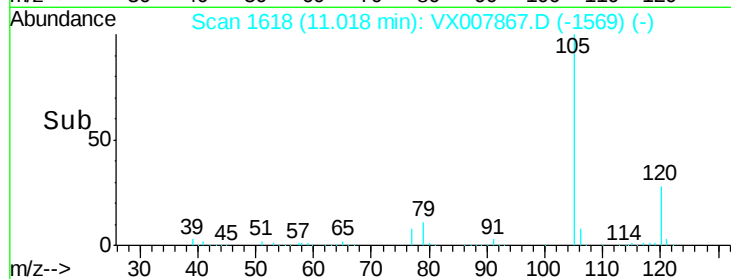
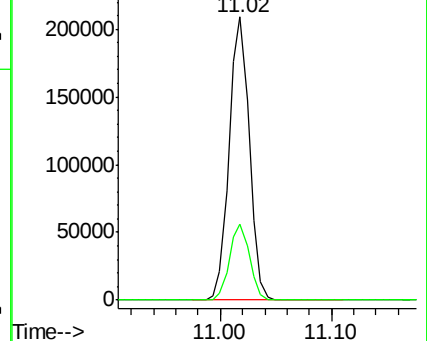
105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.239 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Tgt Ion: 43 Resp: 118434

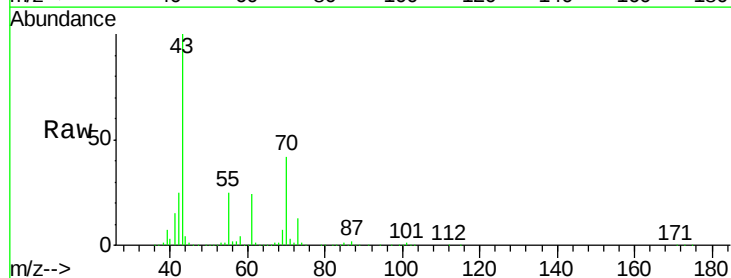
Ion Ratio Lower Upper

43 100

70 42.2 33.5 50.3

55 25.3 19.2 28.8

61 24.0 19.0 28.6

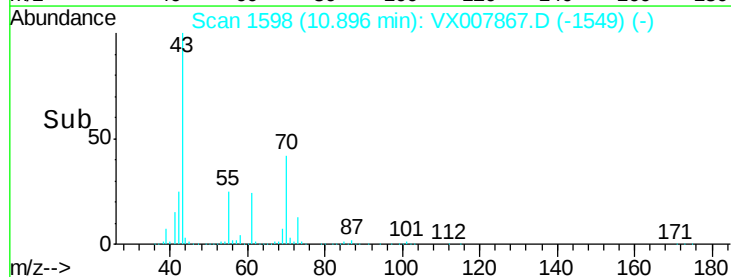
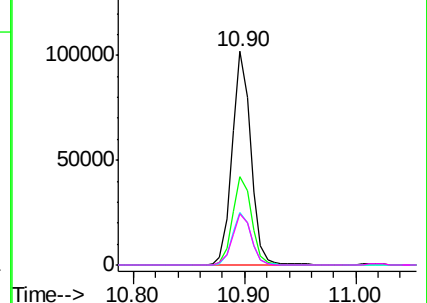


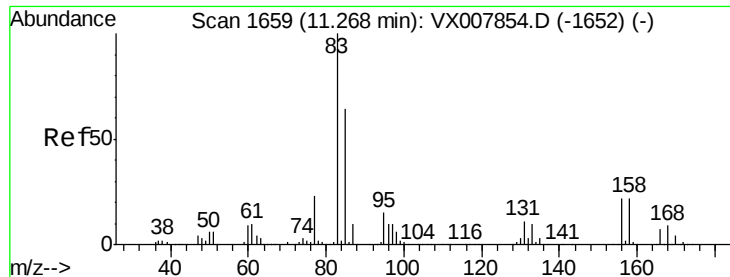
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.295 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

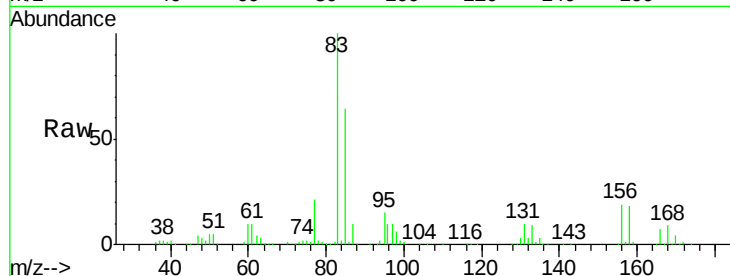
Tgt Ion: 83 Resp: 89734

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

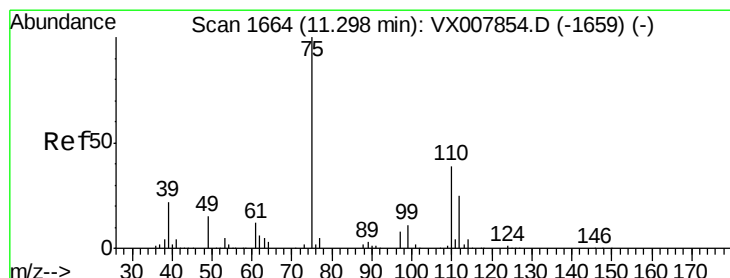
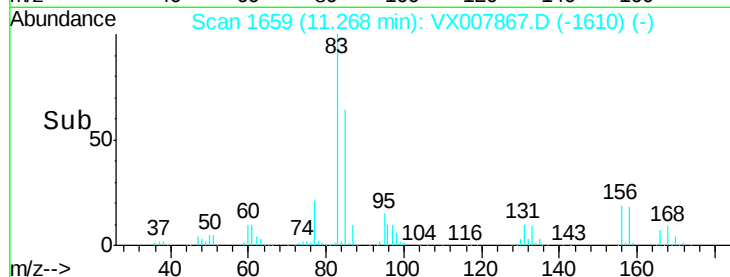
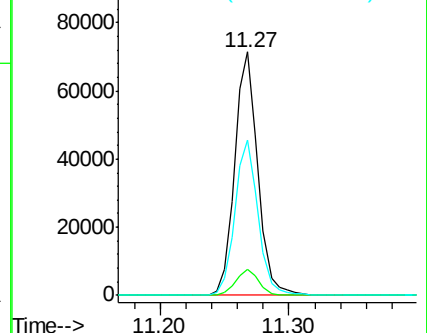
85 64.1 32.3 96.8



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: 24.547 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007867.D

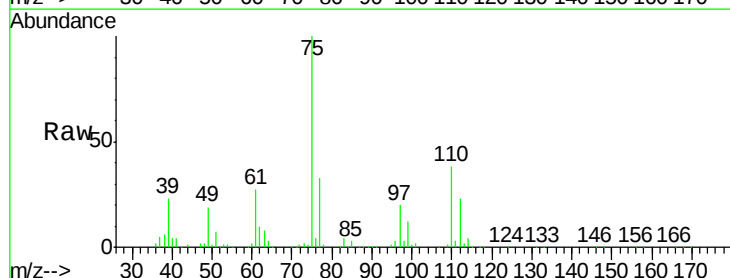
Acq: 06 Mar 2019 18:27

Tgt Ion: 75 Resp: 97626

Ion Ratio Lower Upper

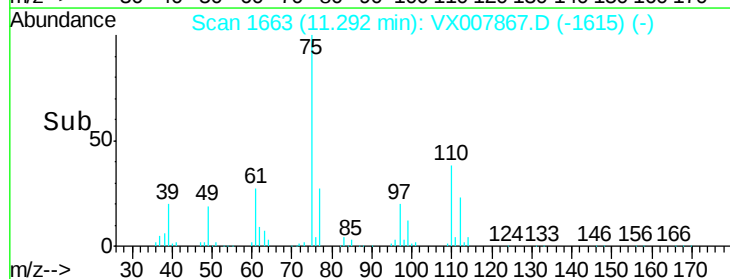
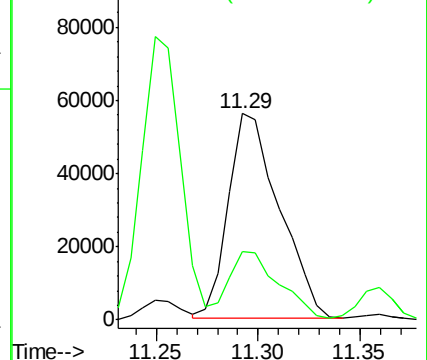
75 100

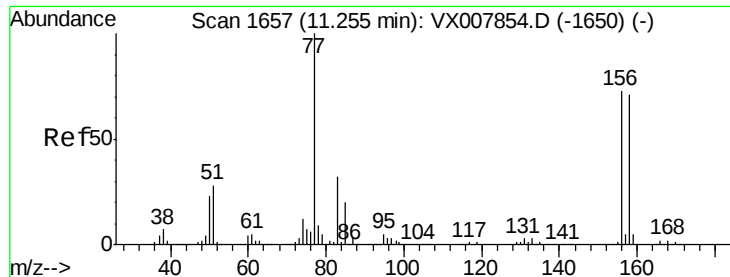
77 33.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.943 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

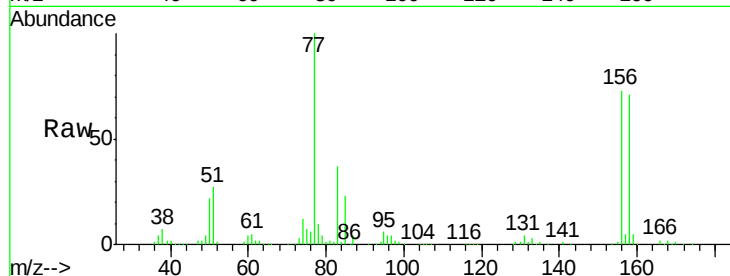
Tgt Ion:156 Resp: 70084

Ion Ratio Lower Upper

156 100

77 146.3 72.0 215.9

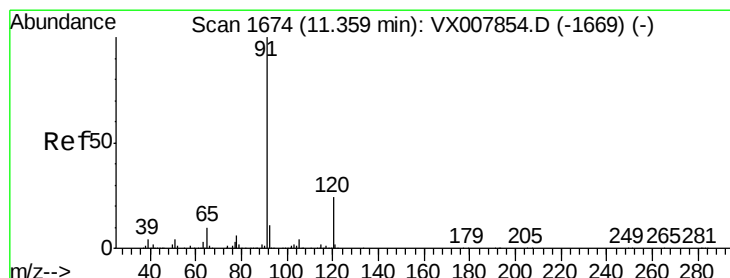
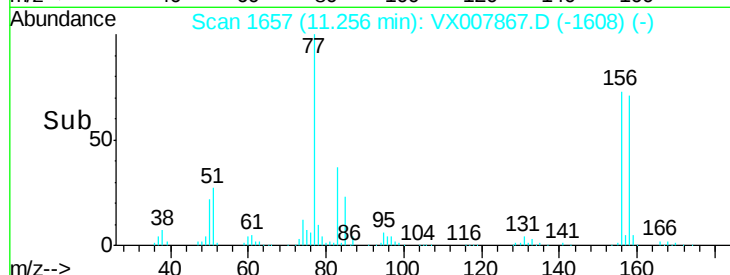
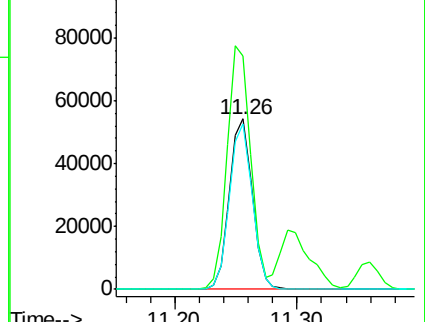
158 96.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.422 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007867.D

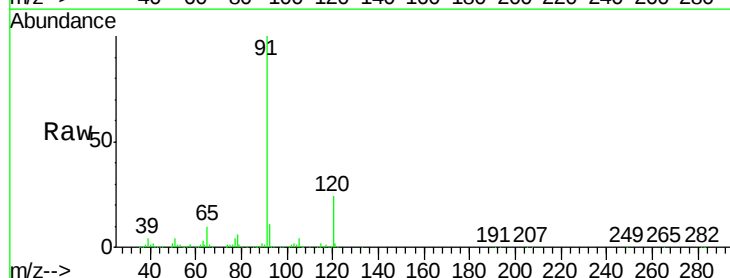
Acq: 06 Mar 2019 18:27

Tgt Ion: 91 Resp: 290401

Ion Ratio Lower Upper

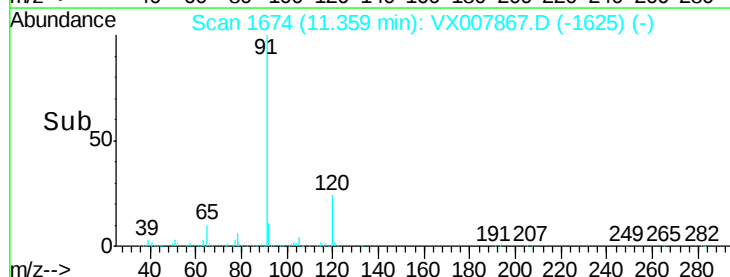
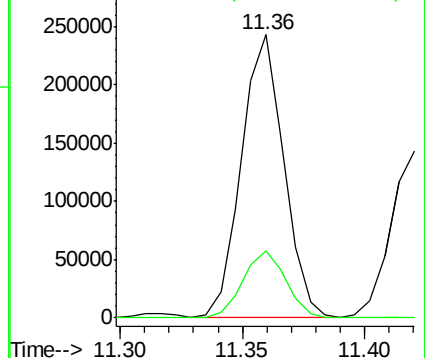
91 100

120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.157 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampled :

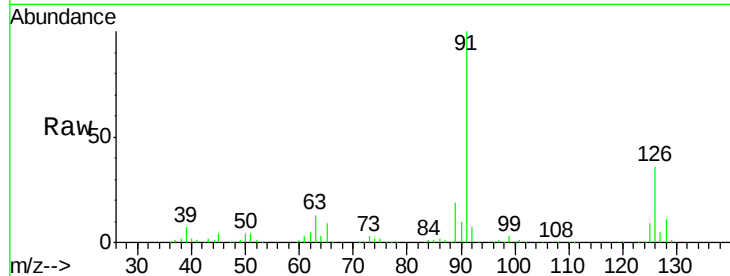
VX0306WBSD01

Tgt Ion: 91 Resp: 175251

Ion Ratio Lower Upper

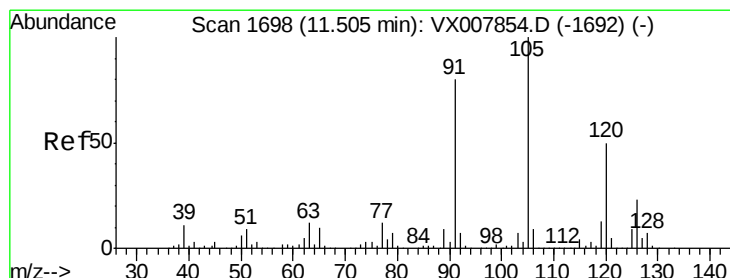
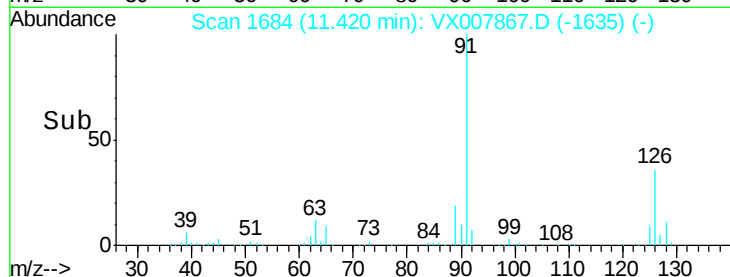
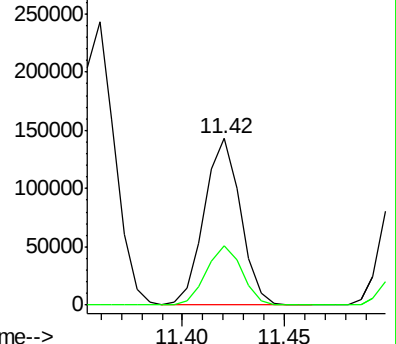
91 100

126 35.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX007854.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007854.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.547 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007867.D

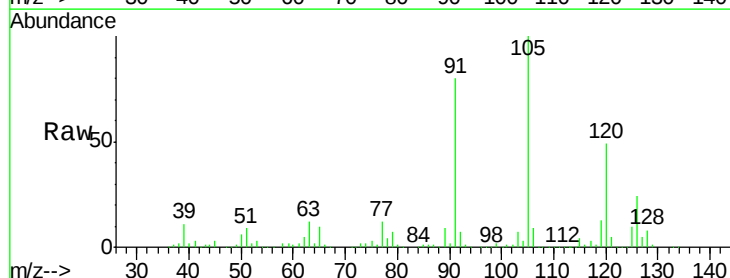
Acq: 06 Mar 2019 18:27

Tgt Ion: 105 Resp: 216774

Ion Ratio Lower Upper

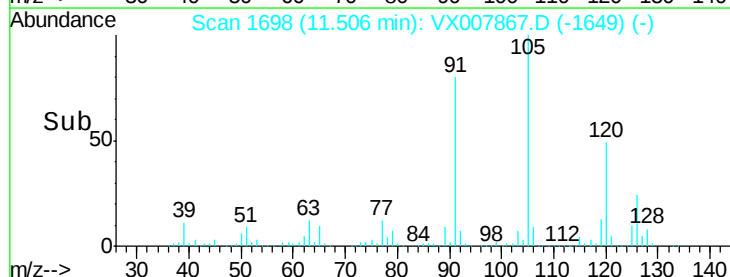
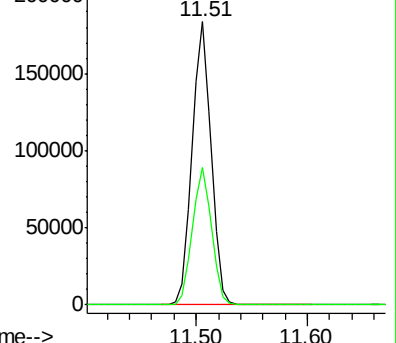
105 100

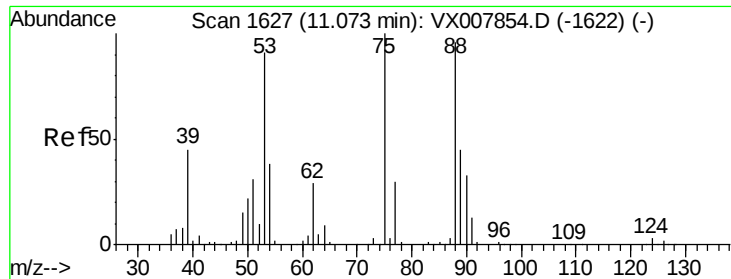
120 49.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX007854.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007854.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.420 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

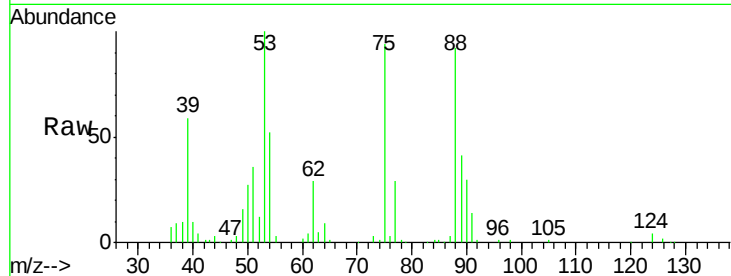
Tgt Ion: 75 Resp: 22918

Ion Ratio Lower Upper

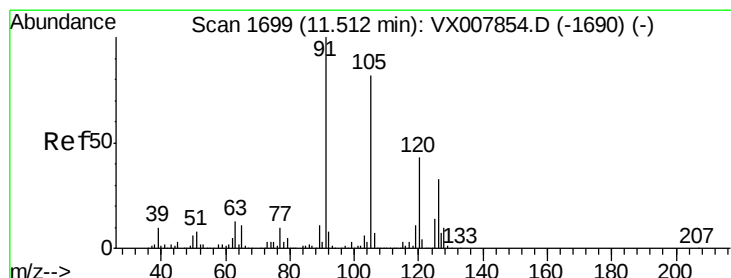
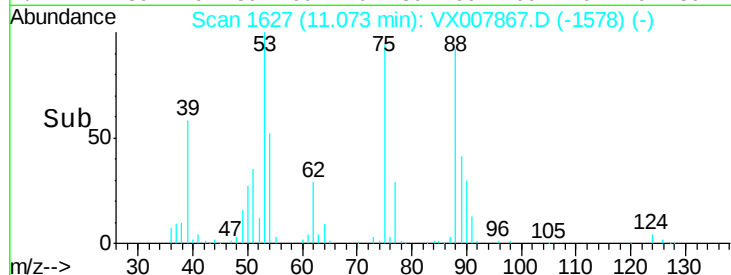
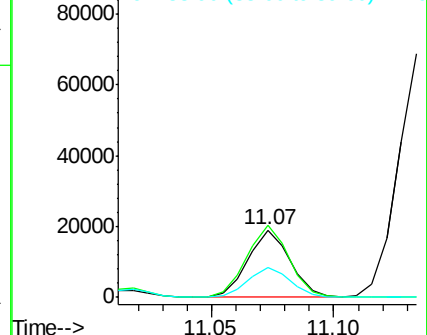
75 100

53 108.0 76.1 114.1

89 44.4 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.959 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007867.D

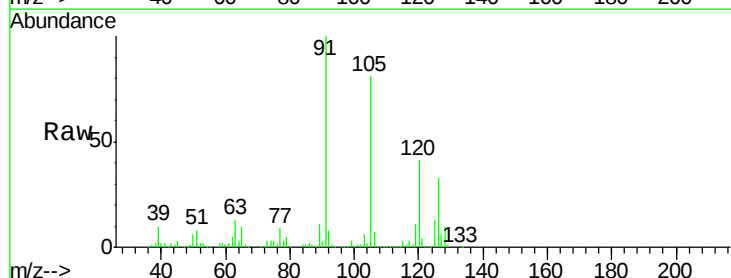
Acq: 06 Mar 2019 18:27

Tgt Ion: 91 Resp: 198870

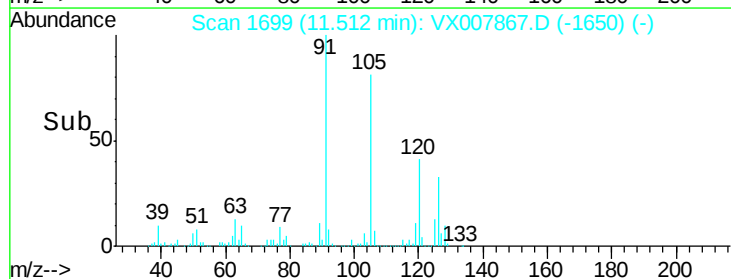
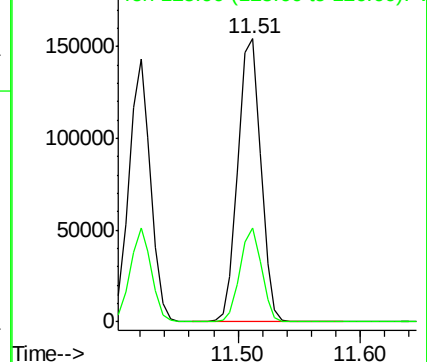
Ion Ratio Lower Upper

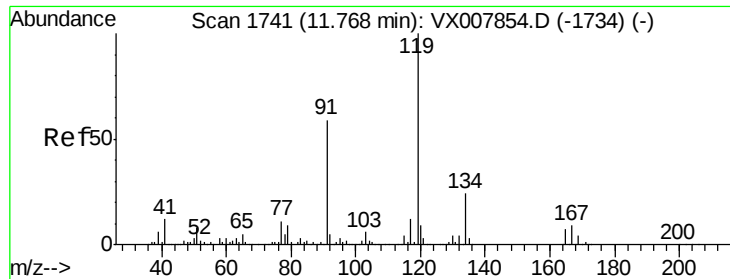
91 100

126 31.3 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

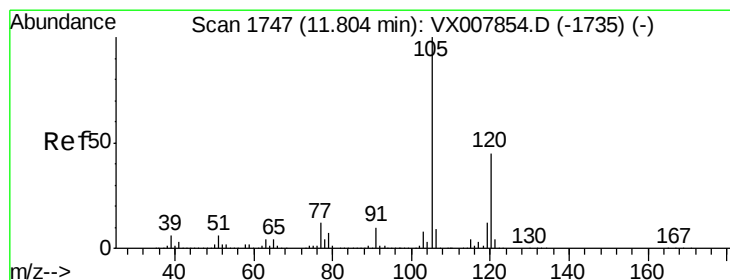
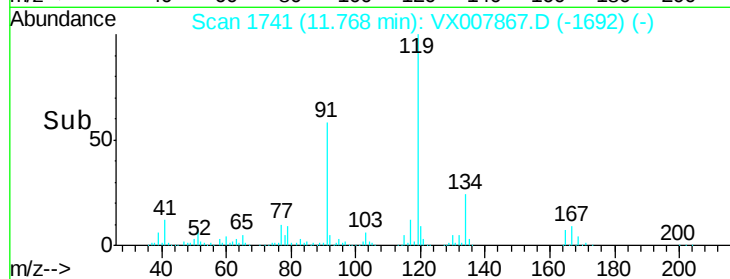
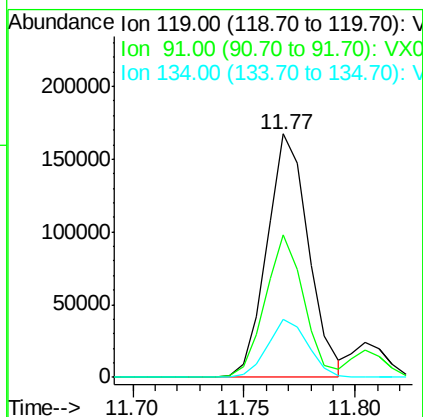
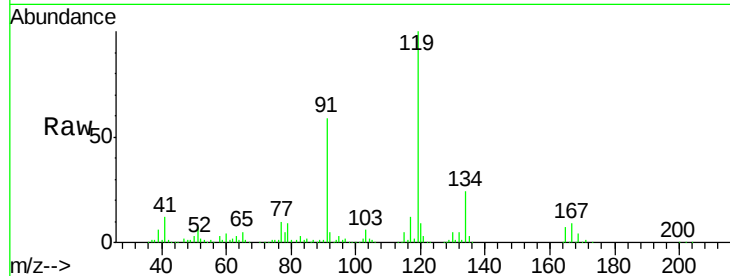




#83
 tert-Butylbenzene
 Concen: 20.335 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

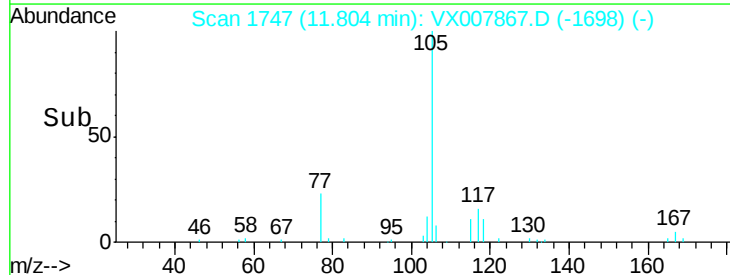
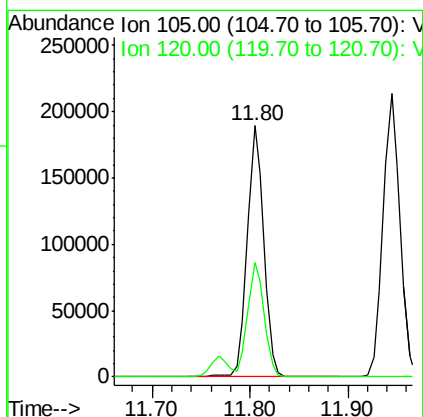
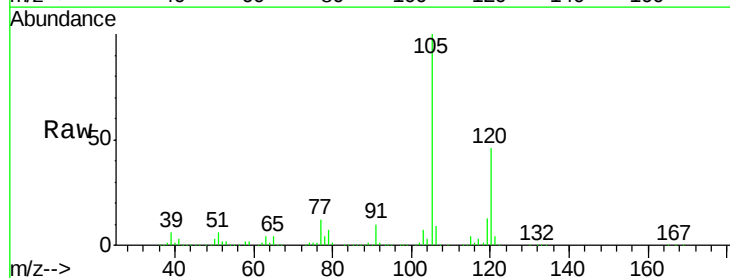
Instrument :
 MSVOA_X
 ClientSampled :
 VX0306WBSD01

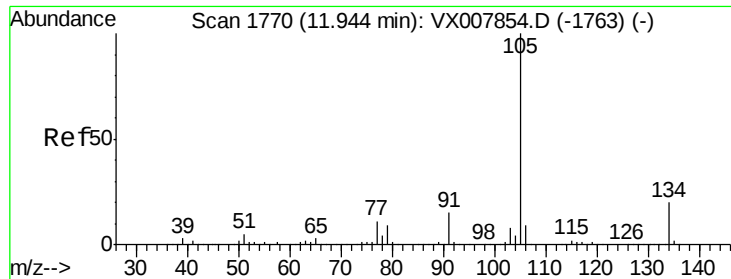
Tgt Ion:119 Resp: 216100
 Ion Ratio Lower Upper
 119 100
 91 55.0 27.1 81.3
 134 23.3 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.594 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

Tgt Ion:105 Resp: 222727
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7

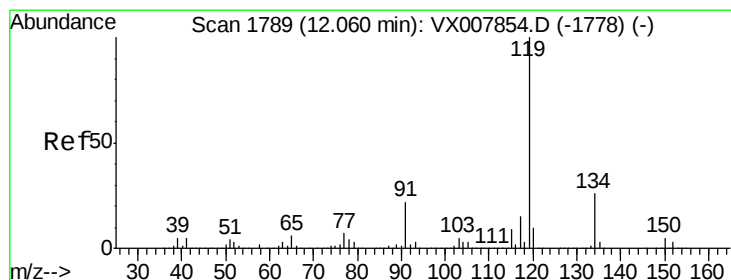
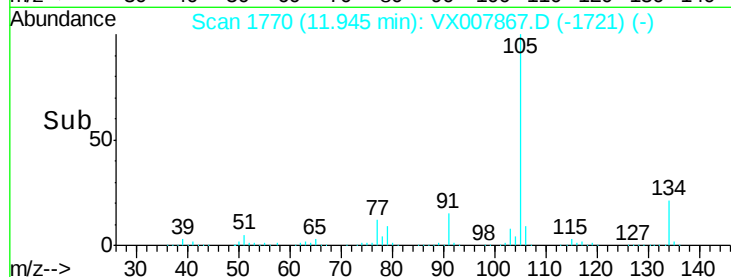
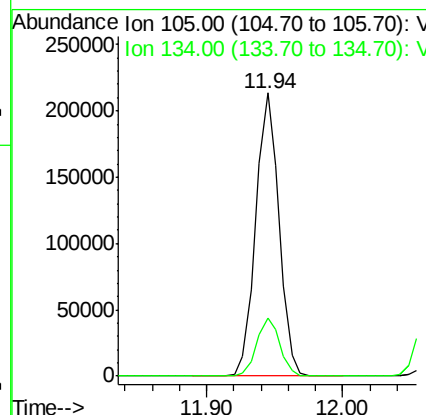
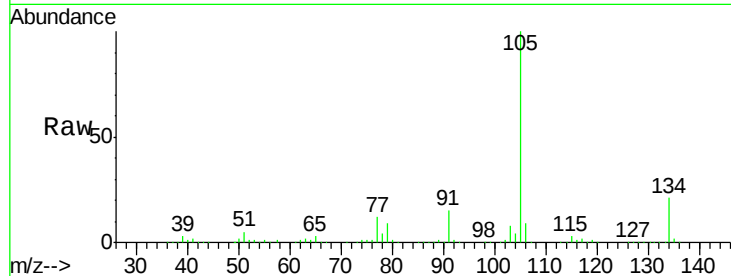




#85
 sec-Butylbenzene
 Concen: 20.473 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

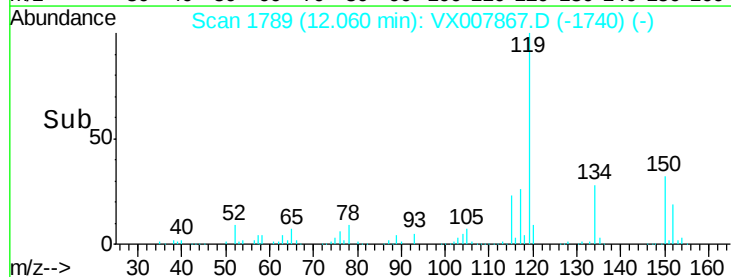
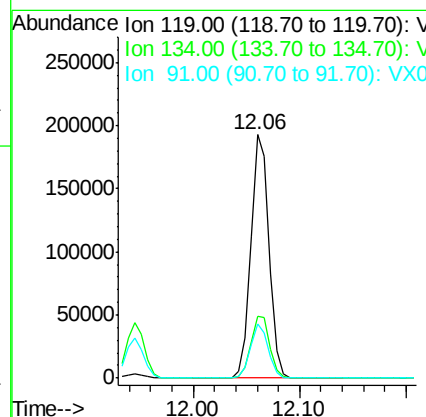
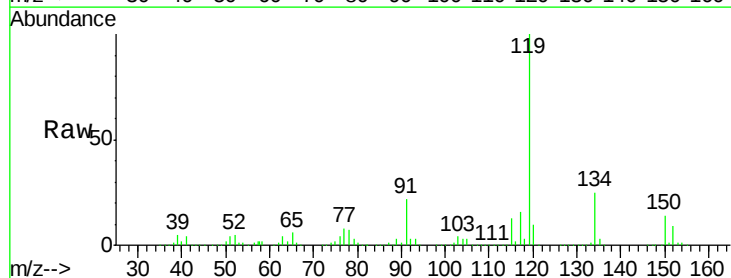
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

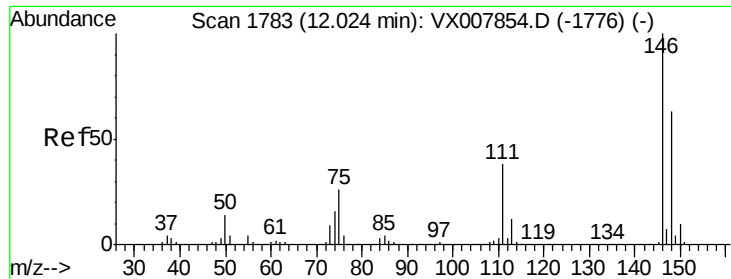
Tgt Ion:105 Resp: 256232
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.545 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

Tgt Ion:119 Resp: 230285
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 22.0 10.9 32.7

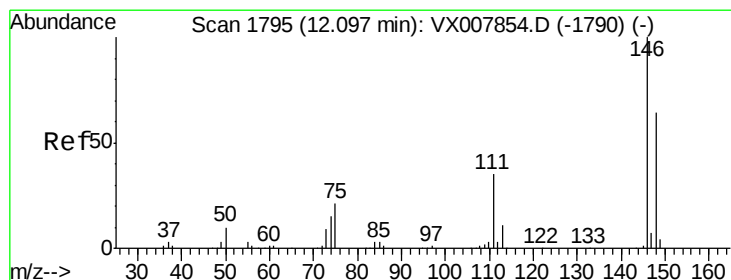
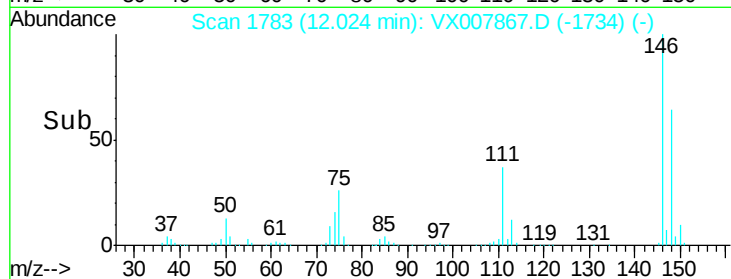
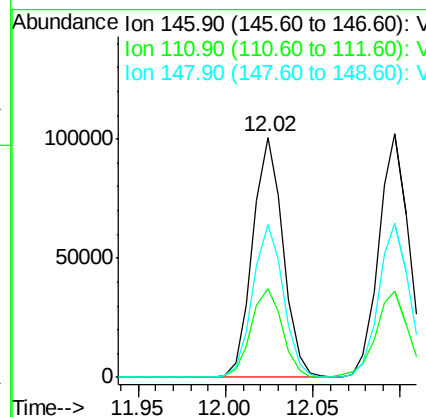
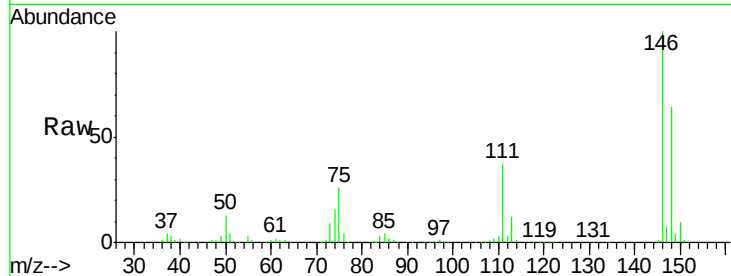




#87
 1,3-Dichlorobenzene
 Concen: 19.556 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

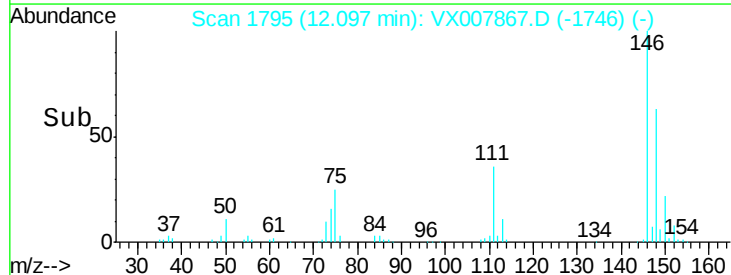
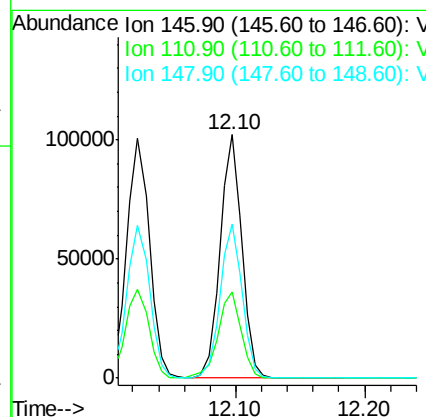
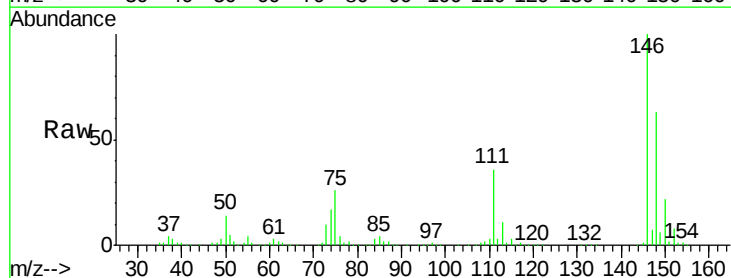
Instrument :
 MSVOA_X
 ClientSampled :
 VX0306WBSD01

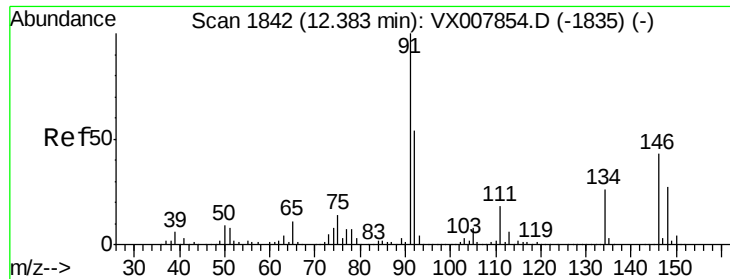
Tgt Ion:146 Resp: 121585
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.7
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.094 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

Tgt Ion:146 Resp: 121572
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.4 55.0
 148 64.5 32.2 96.6





#89

n-Butylbenzene

Concen: 19.899 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

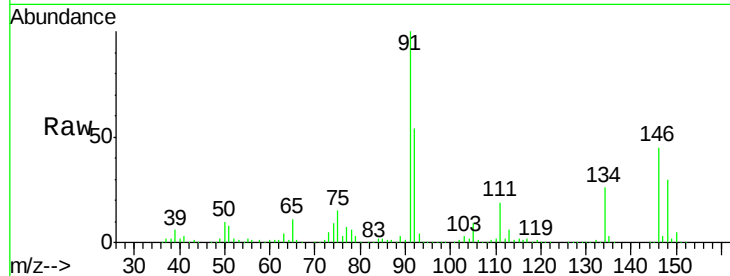
Tgt Ion: 91 Resp: 188970

Ion Ratio Lower Upper

91 100

92 52.8 27.0 80.8

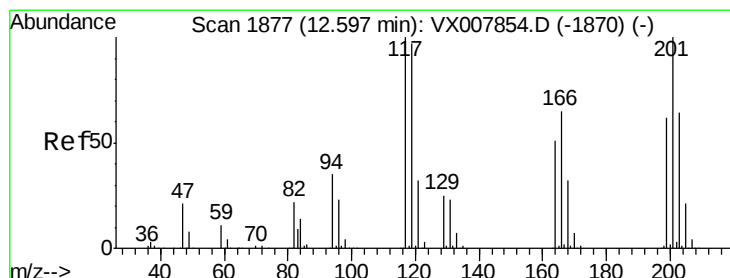
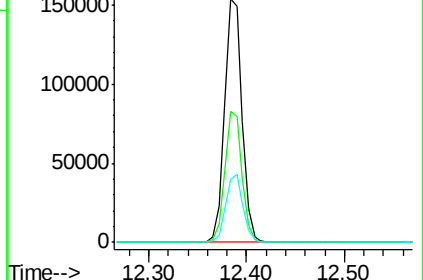
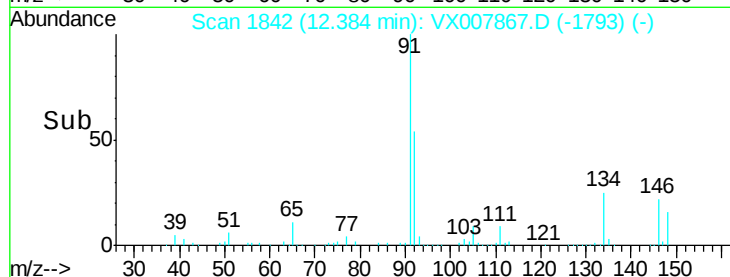
134 27.5 13.7 41.0



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: 19.366 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007867.D

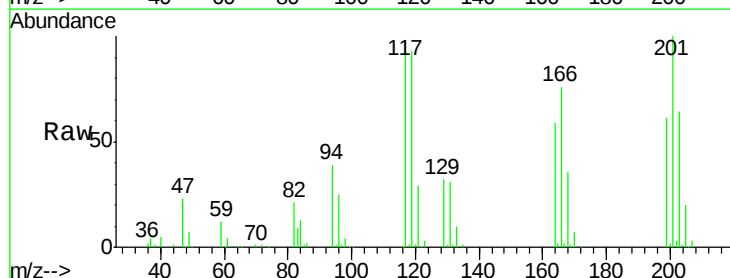
Acq: 06 Mar 2019 18:27

Tgt Ion: 117 Resp: 36293

Ion Ratio Lower Upper

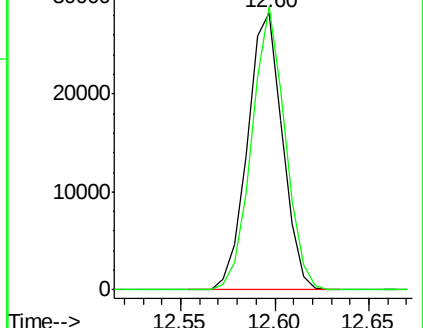
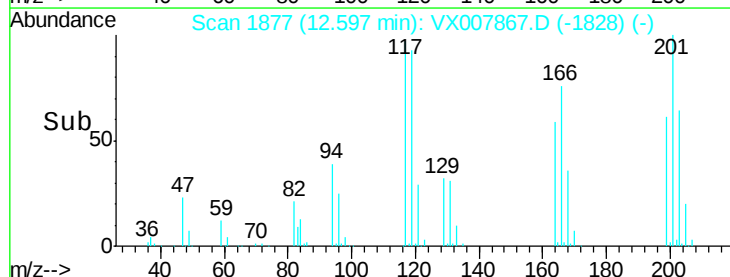
117 100

201 97.2 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 19.517 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBSD01

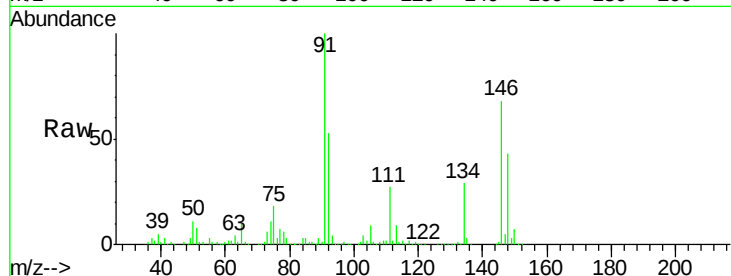
Tgt Ion:146 Resp: 120546

Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.8

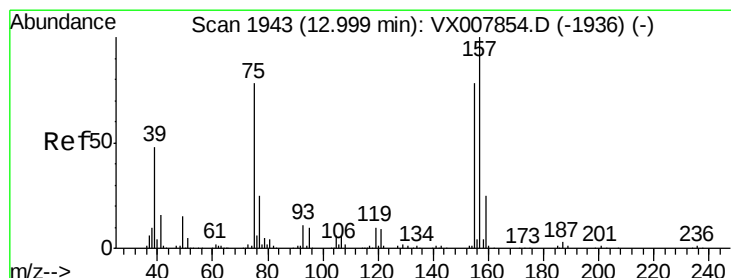
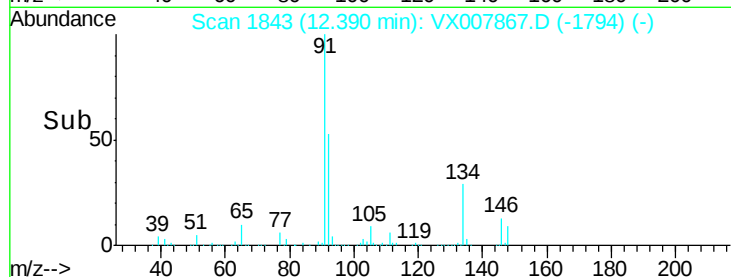
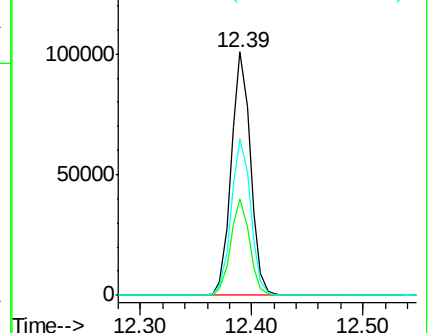
148 64.9 31.9 95.5



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: 19.335 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007867.D

Acq: 06 Mar 2019 18:27

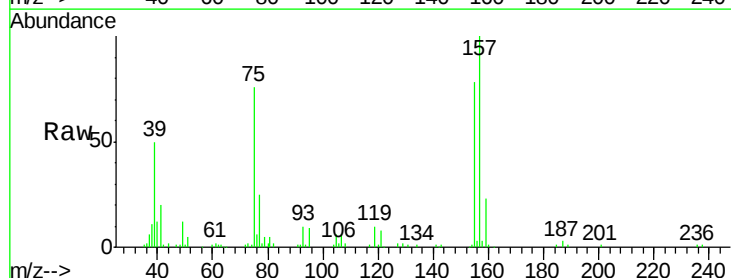
Tgt Ion: 75 Resp: 17866

Ion Ratio Lower Upper

75 100

155 101.5 49.7 149.1

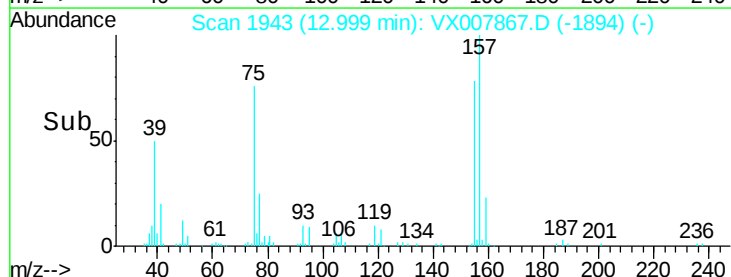
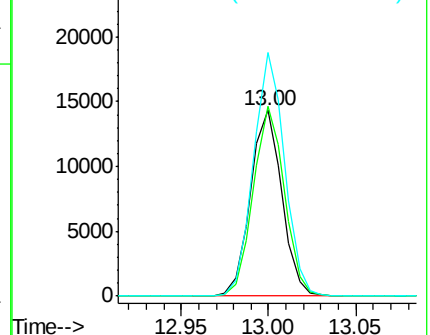
157 130.4 63.8 191.4

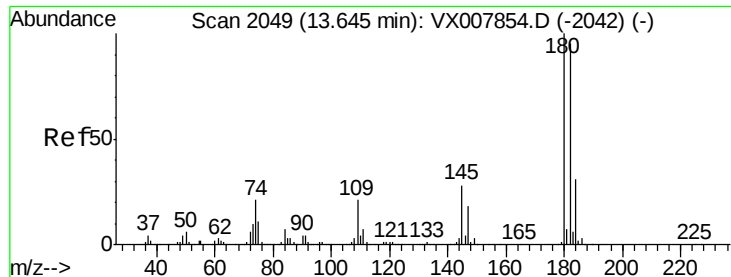


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

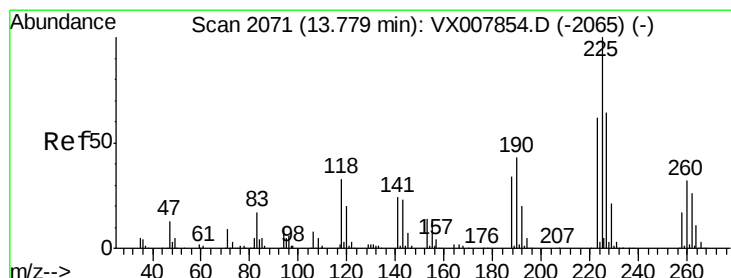
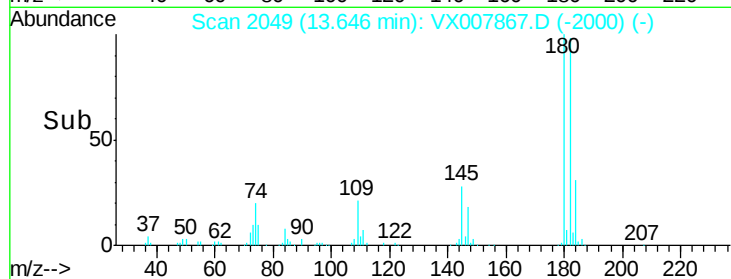
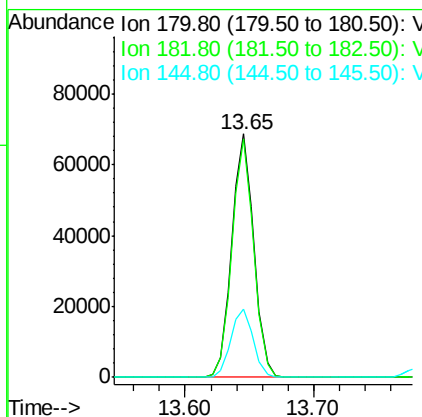
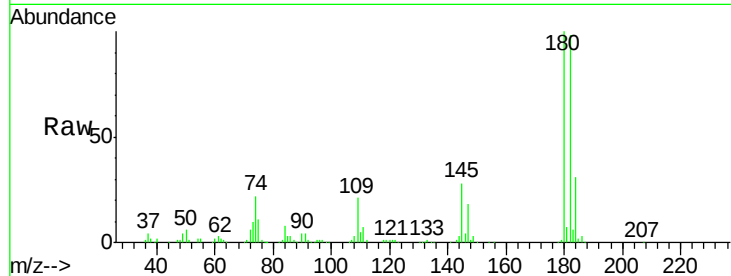




#93
 1,2,4-Trichlorobenzene
 Concen: 18.947 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

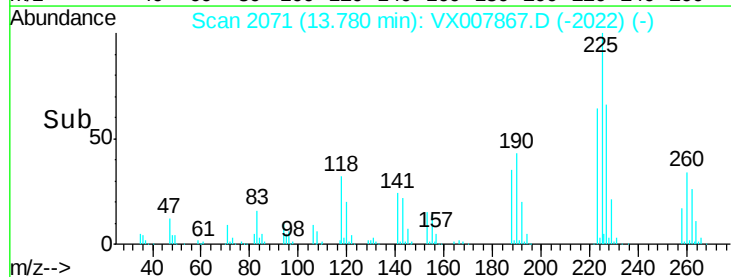
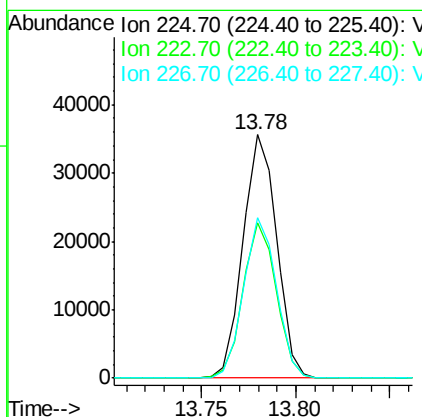
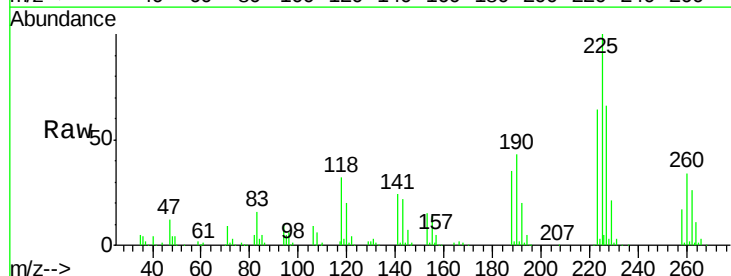
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBSD01

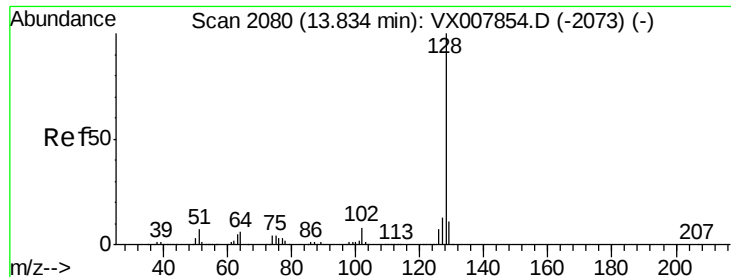
Tgt Ion:180 Resp: 82208
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.9 143.7
 145 28.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.511 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007867.D
 Acq: 06 Mar 2019 18:27

Tgt Ion:225 Resp: 44259
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.1 93.2
 227 64.5 32.0 96.0

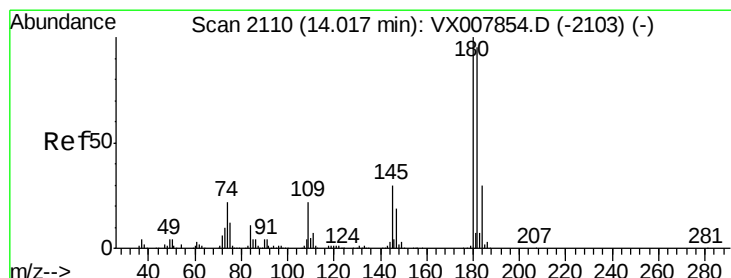
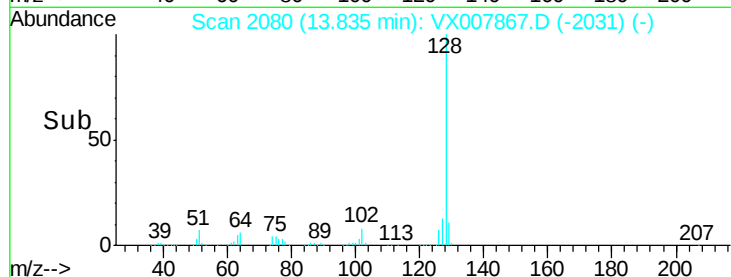
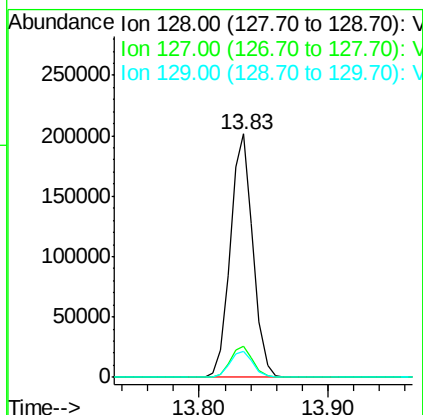
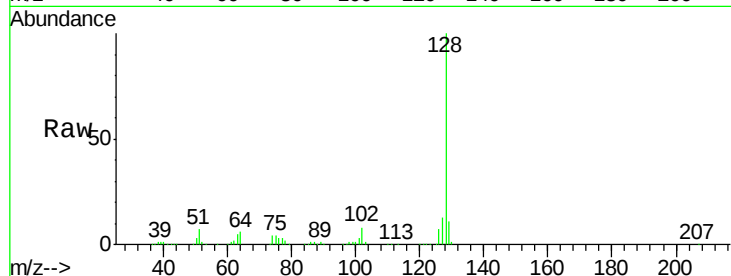




#95
Naphthalene
Concen: 19.704 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBSD01

Tgt Ion:128 Resp: 246333
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.535 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007867.D
Acq: 06 Mar 2019 18:27

Tgt Ion:180 Resp: 84435
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 29.4 14.8 44.3

