

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
 Data File : VX007151.D
 Acq On : 21 Jan 2019 11:50
 Operator : JC/SP
 Sample : VX0121WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBS01

Quant Time: Jan 22 00:04:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	488453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	699618	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	646215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	360280	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	242169	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
35) Dibromofluoromethane	5.50	113	218898	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	806720	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	11.13	95	304826	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	80120	19.974	ug/l	98
3) Chloromethane	1.32	50	85293	18.266	ug/l	96
4) Vinyl Chloride	1.41	62	90861	18.089	ug/l	98
5) Bromomethane	1.64	94	95545	17.804	ug/l	92
6) Chloroethane	1.72	64	60315	17.197	ug/l	93
7) Trichlorofluoromethane	1.93	101	154665	19.057	ug/l	100
8) Diethyl Ether	2.19	74	57954	17.949	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	92853	19.109	ug/l	98
10) Methyl Iodide	2.51	142	112639	17.185	ug/l	99
11) Tert butyl alcohol	3.06	59	101076	83.938	ug/l	100
12) 1,1-Dichloroethene	2.37	96	82888	18.464	ug/l	96
13) Acrolein	2.29	56	52288	102.523	ug/l	98
14) Allyl chloride	2.73	41	138851	18.047	ug/l	98
15) Acrylonitrile	3.14	53	244690	88.516	ug/l	99
16) Acetone	2.44	43	221546	87.789	ug/l	99
17) Carbon Disulfide	2.57	76	178119	15.411	ug/l	99
18) Methyl Acetate	2.78	43	134992	18.471	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	283891	18.220	ug/l	96
20) Methylene Chloride	2.85	84	94533	19.348	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	89584	17.907	ug/l	99
22) Diisopropyl ether	3.86	45	268826	18.586	ug/l	95
23) Vinyl Acetate	3.82	43	1107678	90.809	ug/l	99
24) 1,1-Dichloroethane	3.70	63	158621	19.612	ug/l	98
25) 2-Butanone	4.69	43	321420	89.013	ug/l	98
26) 2,2-Dichloropropane	4.58	77	116806	18.781	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	100005	18.123	ug/l	97
28) Bromochloromethane	5.01	49	71245	20.106	ug/l	98
29) Tetrahydrofuran	5.14	42	199108	84.847	ug/l	97
30) Chloroform	5.21	83	160863	18.997	ug/l	95
31) Cyclohexane	5.57	56	130854	18.178	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	135291	18.849	ug/l	98
36) 1,1-Dichloropropene	5.79	75	117616	19.336	ug/l	99
37) Ethyl Acetate	4.84	43	117811	18.066	ug/l	100
38) Carbon Tetrachloride	5.78	117	117511	19.202	ug/l	91

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	144912	18.688	ug/l	96
40) Benzene	6.14	78	358804	19.332	ug/l	97
41) Methacrylonitrile	5.05	41	69316	18.451	ug/l	97
42) 1,2-Dichloroethane	6.20	62	123951	19.326	ug/l	100
43) Isopropyl Acetate	6.45	43	188008	18.278	ug/l	98
44) Trichloroethene	7.21	130	104849	18.852	ug/l	93
45) 1,2-Dichloropropane	7.51	63	89269	19.132	ug/l	96
46) Dibromomethane	7.66	93	63591	19.392	ug/l	97
47) Bromodichloromethane	7.90	83	110067	19.719	ug/l	100
48) Methyl methacrylate	7.77	41	99089	18.759	ug/l	96
49) 1,4-Dioxane	7.74	88	45104	368.478	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	645160	97.596	ug/l	99
52) Toluene	8.78	92	229604	19.247	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	119343	19.281	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	132756	19.422	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99147	20.765	ug/l	99
56) Ethyl methacrylate	9.18	69	134829	19.343	ug/l	92
57) 1,3-Dichloropropane	9.37	76	155421	19.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	357422	99.729	ug/l	99
59) 2-Hexanone	9.49	43	493715	98.006	ug/l	99
60) Dibromochloromethane	9.58	129	94499	20.382	ug/l	98
61) 1,2-Dibromoethane	9.67	107	102632	19.525	ug/l	98
64) Tetrachloroethene	9.34	164	111790	19.981	ug/l	94
65) Chlorobenzene	10.13	112	274826	19.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	95636	20.171	ug/l	98
67) Ethyl Benzene	10.25	91	448913	19.293	ug/l	99
68) m/p-Xylenes	10.35	106	360721	39.349	ug/l	100
69) o-Xylene	10.69	106	179077	20.030	ug/l	99
70) Styrene	10.71	104	286103	20.206	ug/l	99
71) Bromoform	10.85	173	68448	19.338	ug/l #	98
73) Isopropylbenzene	11.02	105	474012	18.658	ug/l	99
74) N-amyl acetate	10.90	43	174271	17.038	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	142199	17.631	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	156813	21.479	ug/l	92
77) Bromobenzene	11.26	156	129960	18.566	ug/l	97
78) n-propylbenzene	11.36	91	536665	19.243	ug/l	100
79) 2-Chlorotoluene	11.42	91	320504	19.091	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	397548	18.728	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	34076	16.802	ug/l	89
82) 4-Chlorotoluene	11.51	91	370773	19.075	ug/l	99
83) tert-Butylbenzene	11.77	119	389483	18.390	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	407253	19.078	ug/l	100
85) sec-Butylbenzene	11.94	105	489210	19.341	ug/l	100
86) p-Isopropyltoluene	12.06	119	439978	19.447	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	235830	18.639	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	242855	20.345	ug/l	100
89) n-Butylbenzene	12.39	91	370514	19.211	ug/l	99
90) Hexachloroethane	12.60	117	62419	19.185	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	237328	19.008	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28221	17.692	ug/l	95

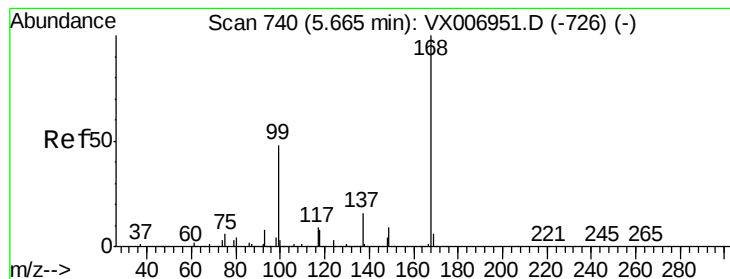
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	164734	19.230	ug/l	99
94) Hexachlorobutadiene	13.78	225	79129	20.816	ug/l	99
95) Naphthalene	13.83	128	474597	18.283	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	163502	19.214	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

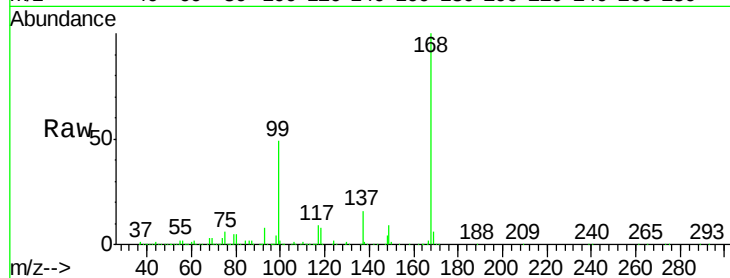
VX0121WBS01

Tot Ion:168 Resp: 488453

Ion Ratio Lower Upper

168 100

99 49.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

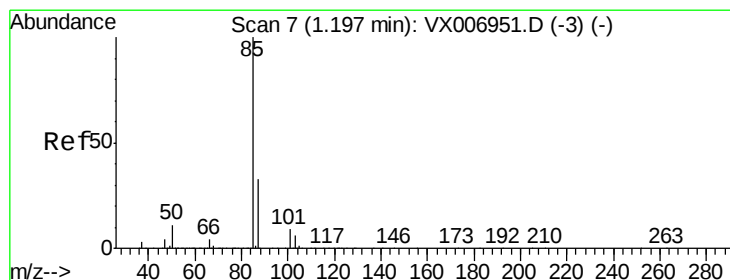
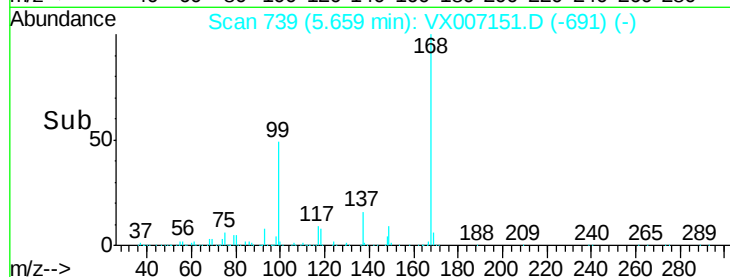
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.974 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007151.D

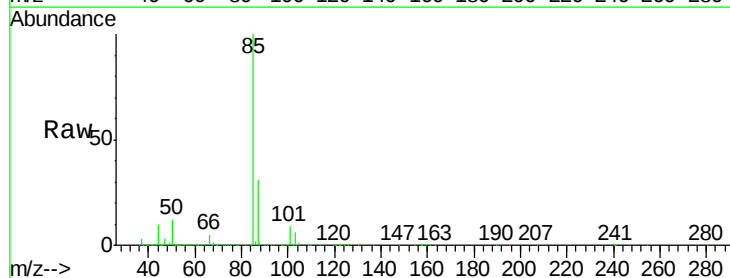
Acq: 21 Jan 2019 11:50

Tgt Ion: 85 Resp: 80120

Ion Ratio Lower Upper

85 100

87 30.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

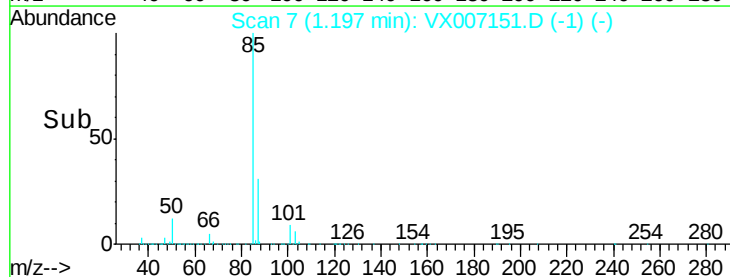
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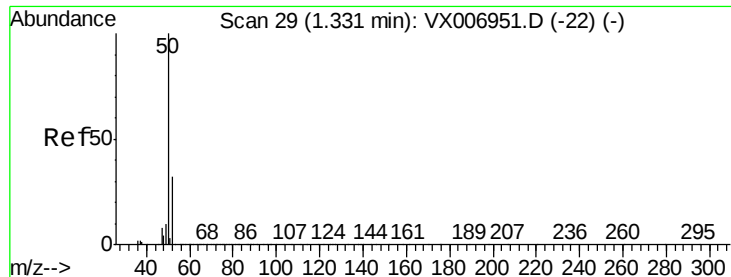
40000

20000

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Time-->





#3

Chloromethane

Concen: 18.266 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

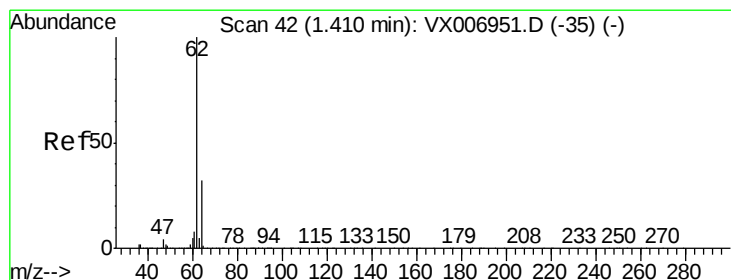
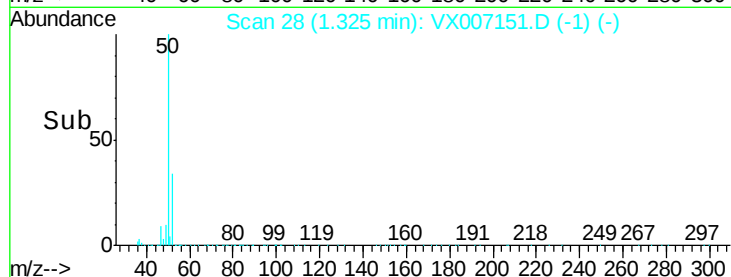
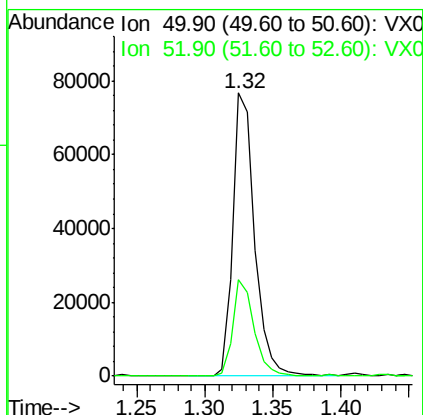
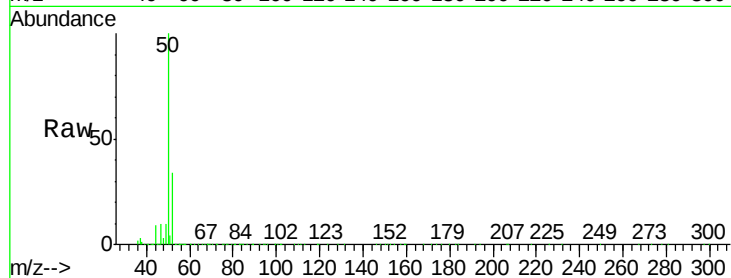
VX0121WBS01

Tot Ion: 50 Resp: 85293

Ion Ratio Lower Upper

50 100

52 34.1 25.4 38.2



#4

Vinyl Chloride

Concen: 18.089 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007151.D

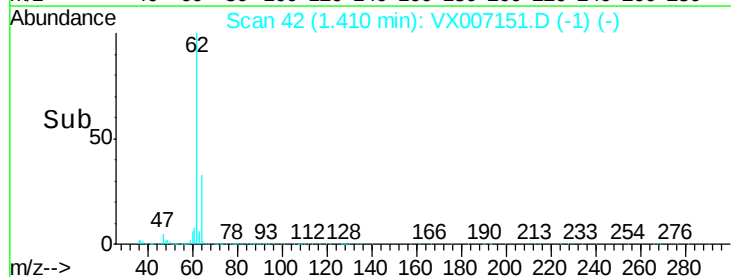
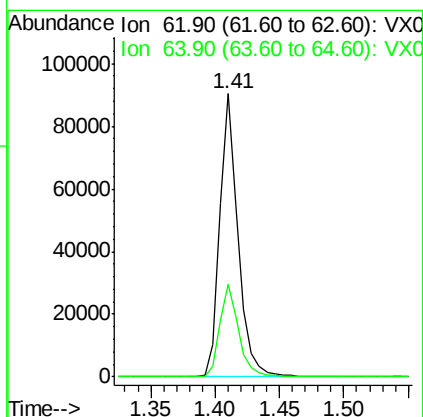
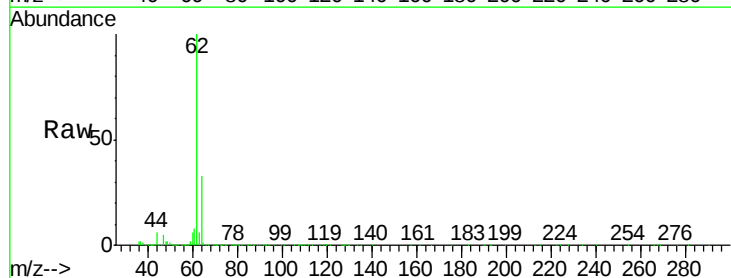
Acq: 21 Jan 2019 11:50

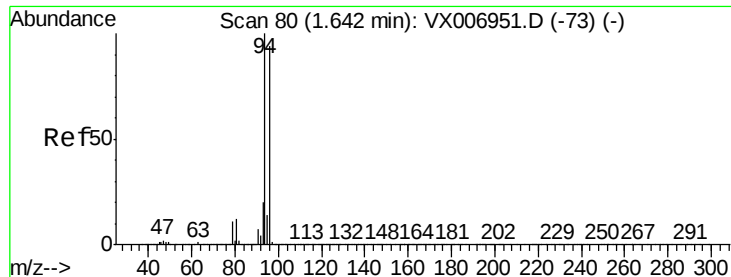
Tgt Ion: 62 Resp: 90861

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 17.804 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

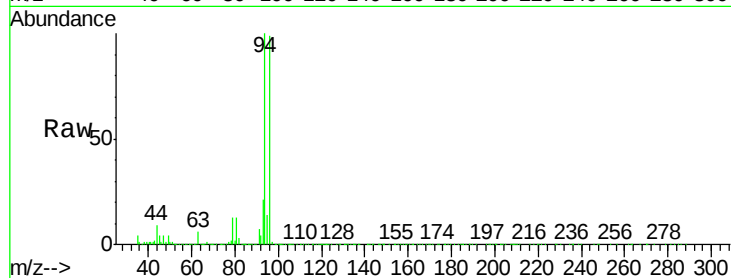
VX0121WBS01

Tot Ion: 94 Resp: 95545

Ion Ratio Lower Upper

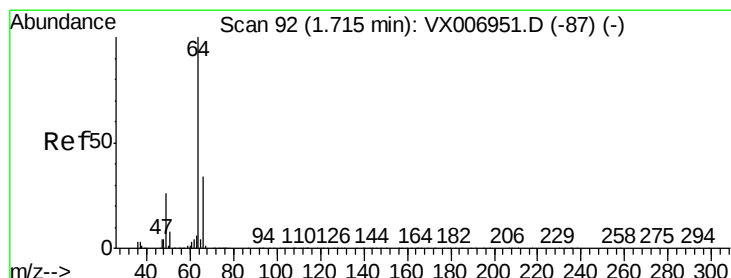
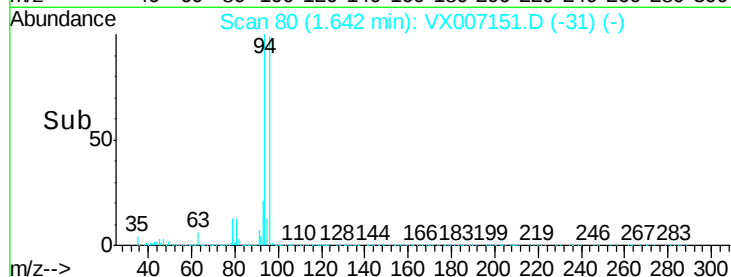
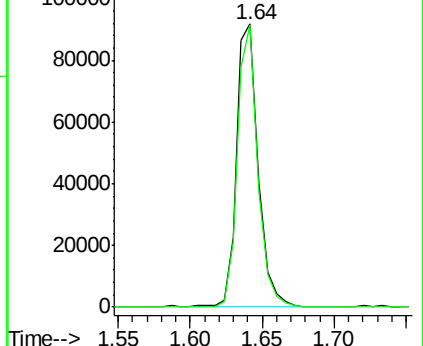
94 100

96 99.6 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.197 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007151.D

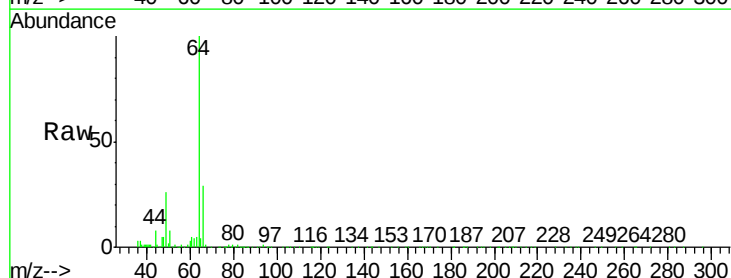
Acq: 21 Jan 2019 11:50

Tgt Ion: 64 Resp: 60315

Ion Ratio Lower Upper

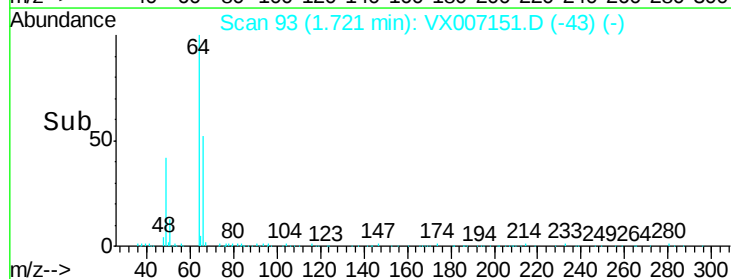
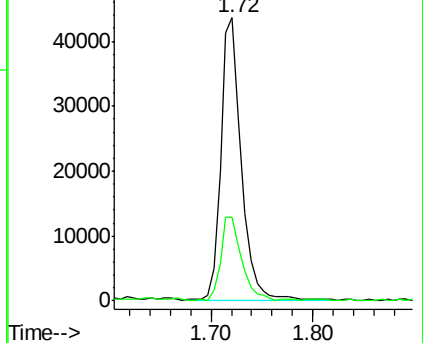
64 100

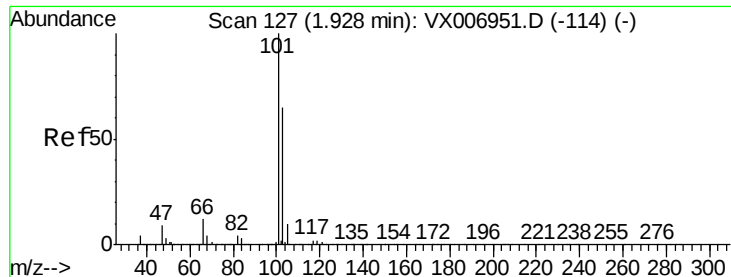
66 29.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



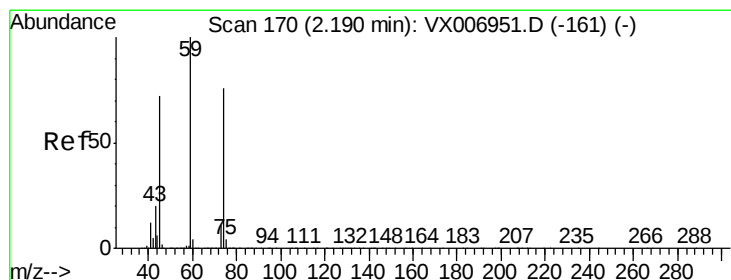
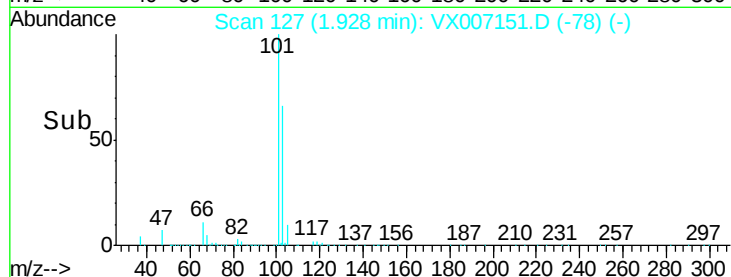
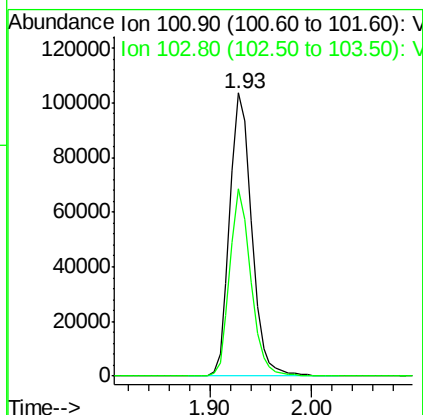
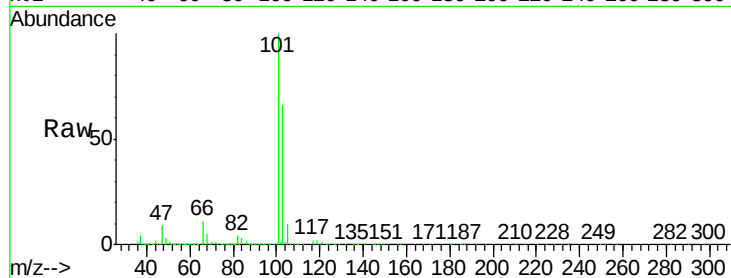


#7

Trichlorofluoromethane
Concen: 19.057 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Instrument :
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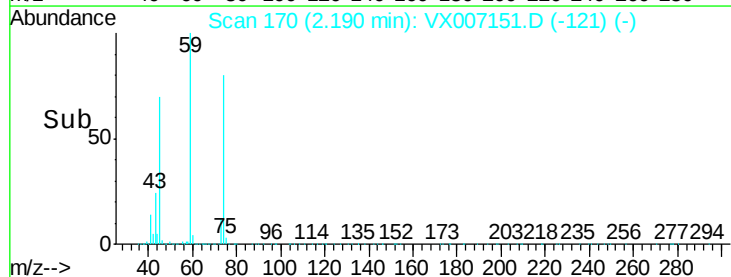
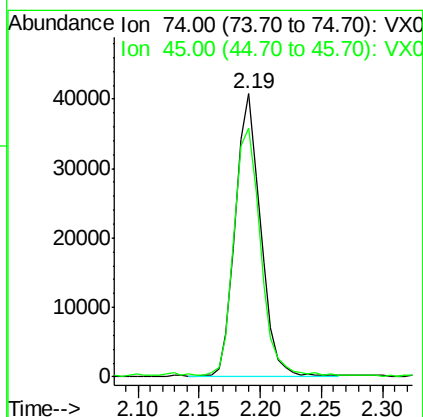
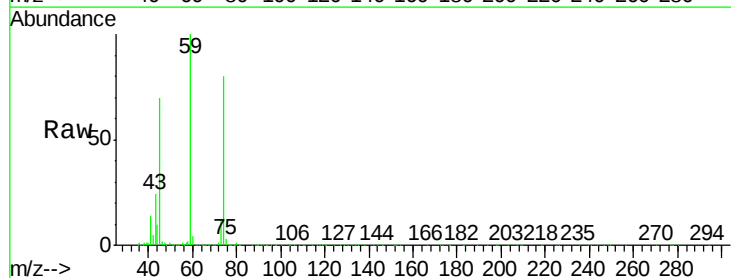
Tot Ion:101 Resp: 154665
Ion Ratio Lower Upper
101 100
103 66.2 53.2 79.8

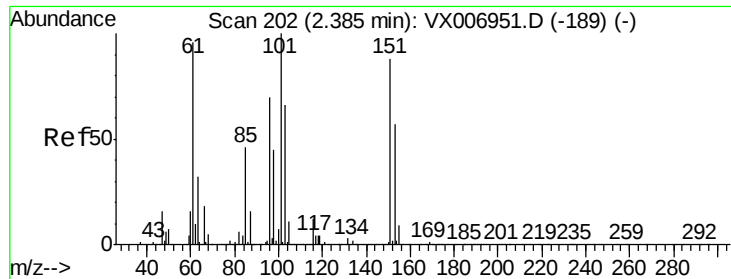


#8

Diethyl Ether
Concen: 17.949 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Tgt Ion: 74 Resp: 57954
Ion Ratio Lower Upper
74 100
45 92.4 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.109 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

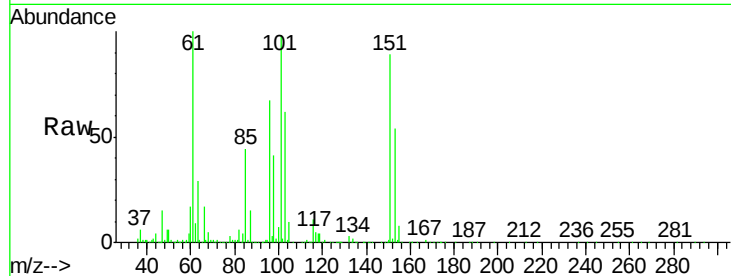
Tot Ion:101 Resp: 92853

Ion Ratio Lower Upper

101 100

85 44.8 35.1 52.7

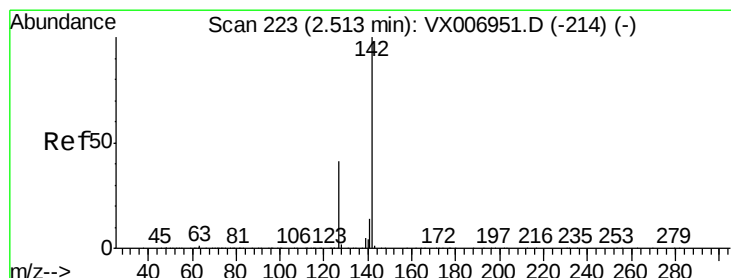
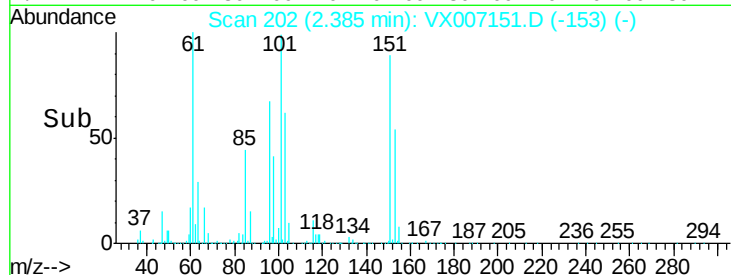
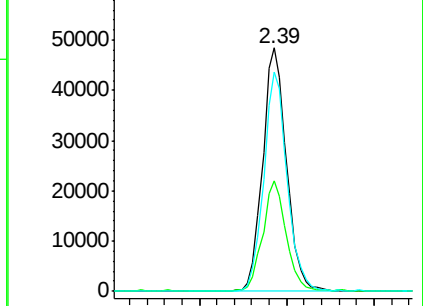
151 88.0 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.185 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

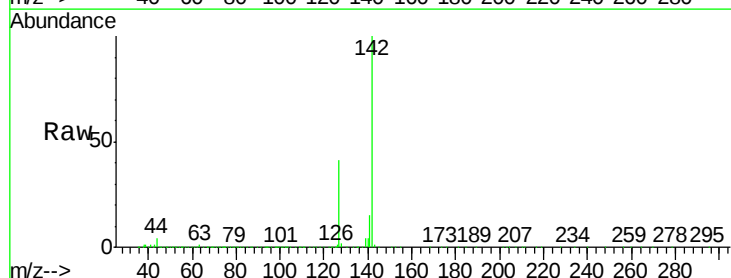
Tgt Ion:142 Resp: 112639

Ion Ratio Lower Upper

142 100

127 42.3 33.9 50.9

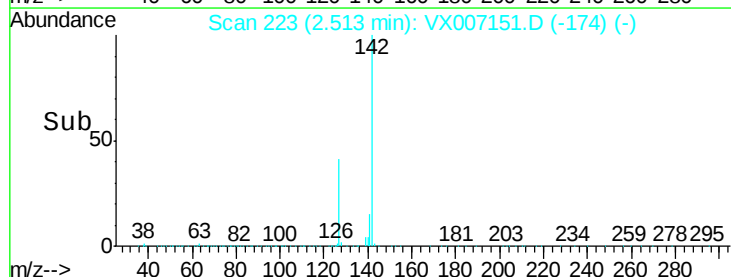
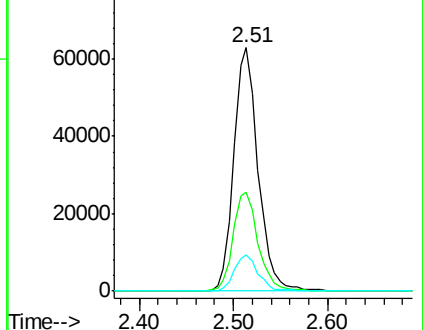
141 14.9 11.4 17.0

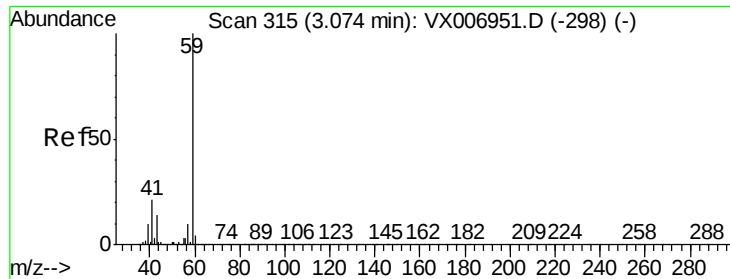


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



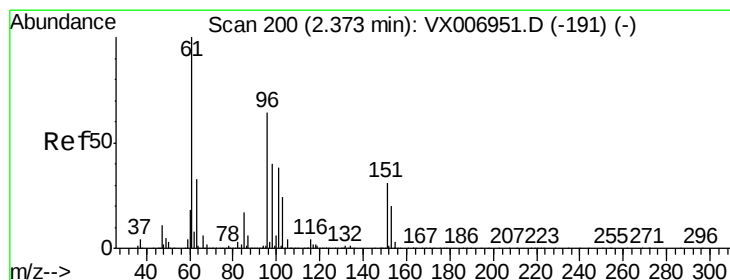
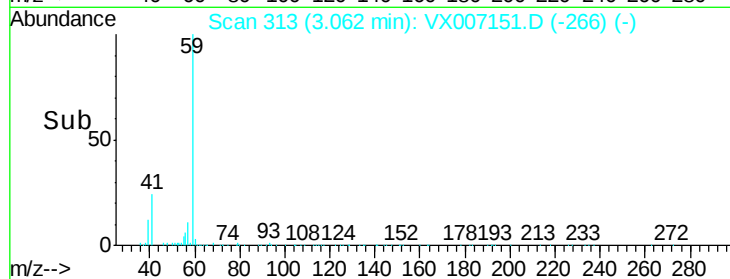
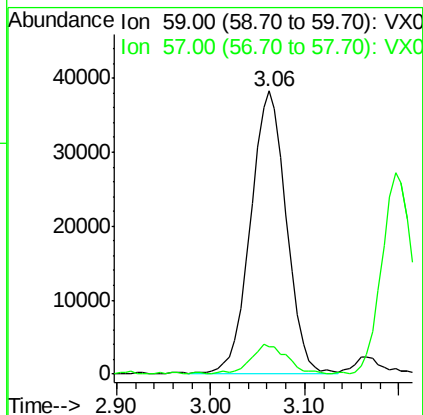
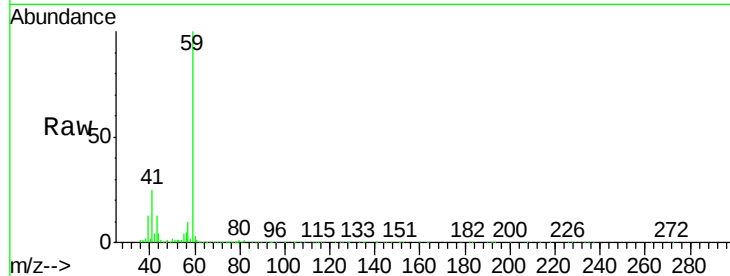


#11

Tert butyl alcohol
Concen: 83.938 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0121WBS01

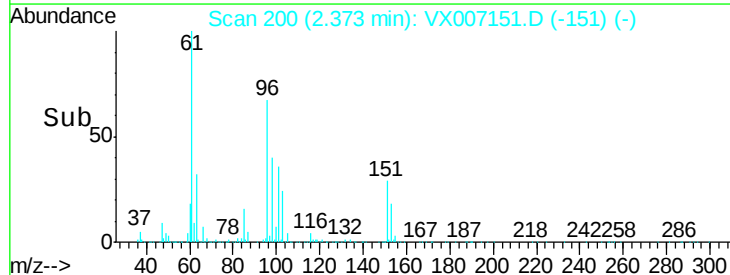
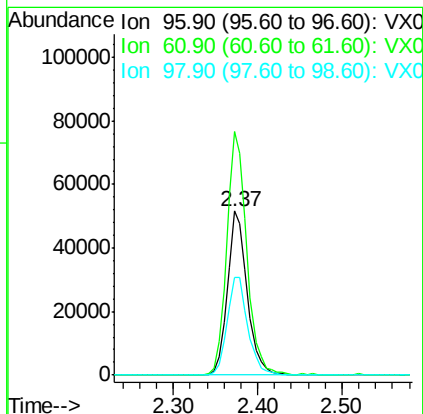
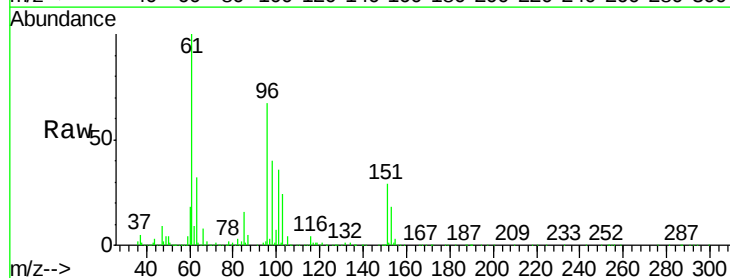
Tot Ion: 59 Resp: 101076
Ion Ratio Lower Upper
59 100
57 10.7 8.5 12.7

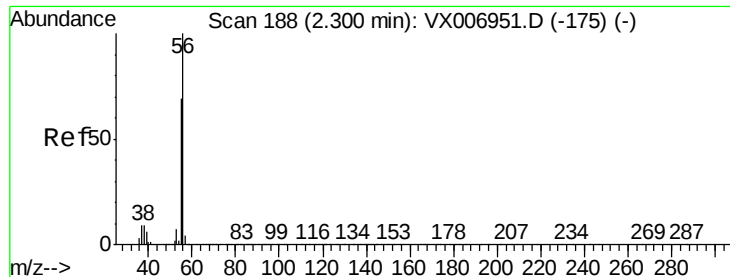


#12

1,1-Dichloroethene
Concen: 18.464 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Tgt Ion: 96 Resp: 82888
Ion Ratio Lower Upper
96 100
61 148.5 121.4 182.2
98 59.9 51.9 77.9





#13

Acrolein

Concen: 102.523 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

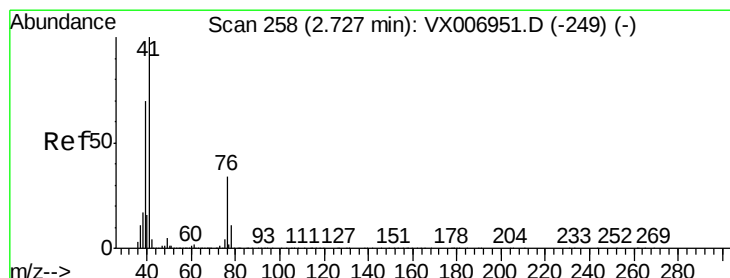
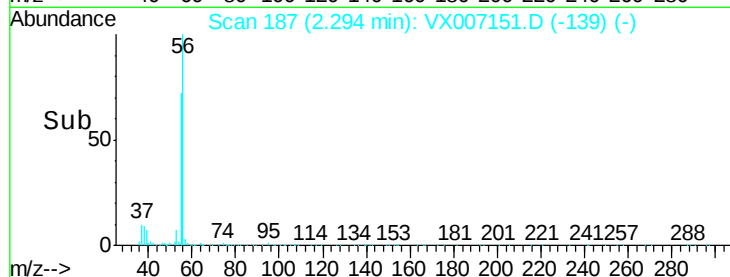
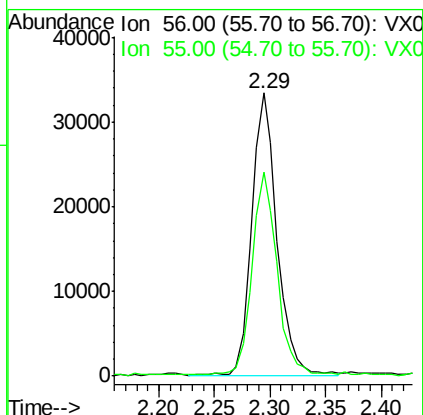
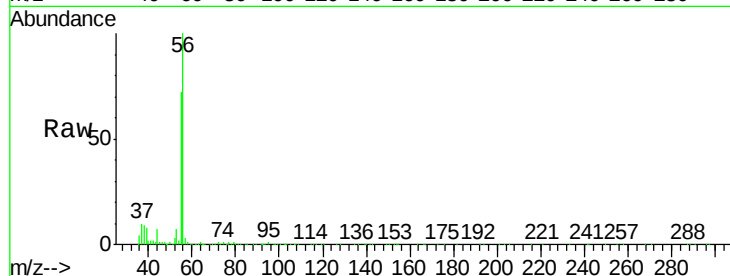
VX0121WBS01

Tot Ion: 56 Resp: 52288

Ion Ratio Lower Upper

56 100

55 71.0 58.2 87.4



#14

Allyl chloride

Concen: 18.047 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

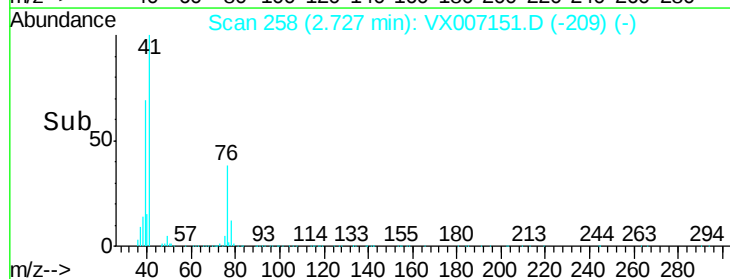
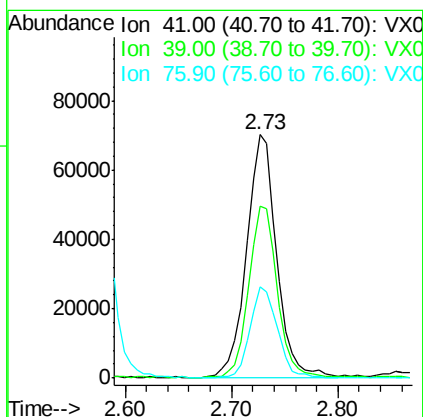
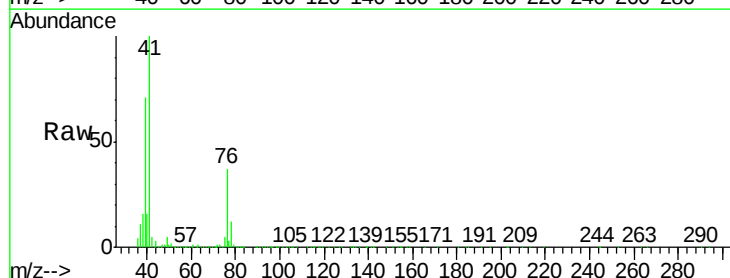
Tgt Ion: 41 Resp: 138851

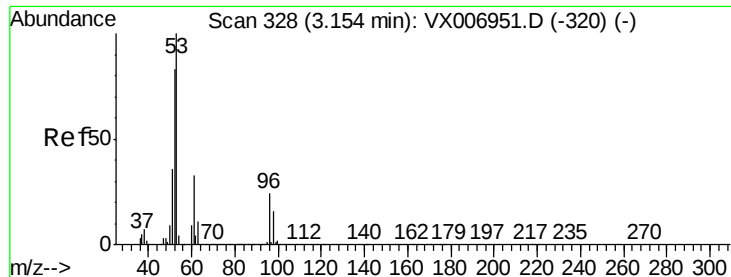
Ion Ratio Lower Upper

41 100

39 68.6 53.6 80.4

76 33.5 27.4 41.2





#15

Acrylonitrile

Concen: 88.516 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

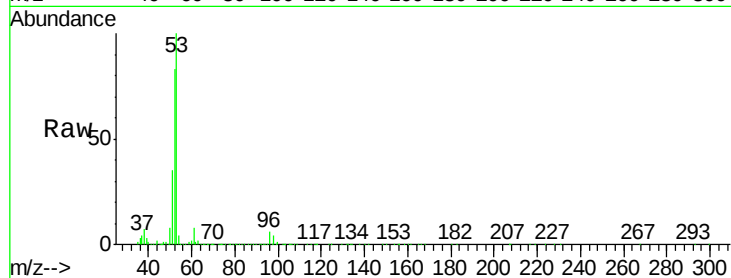
Tot Ion: 53 Resp: 244690

Ion Ratio Lower Upper

53 100

52 82.1 66.0 99.0

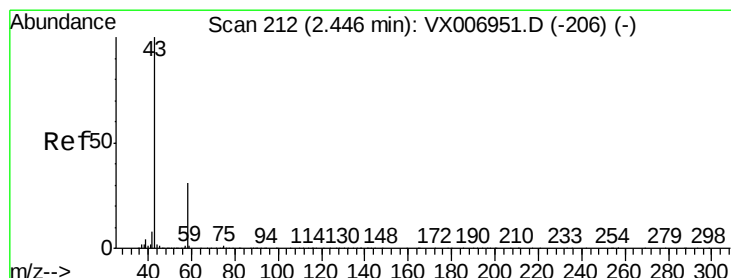
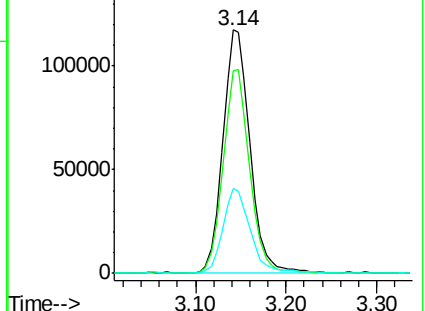
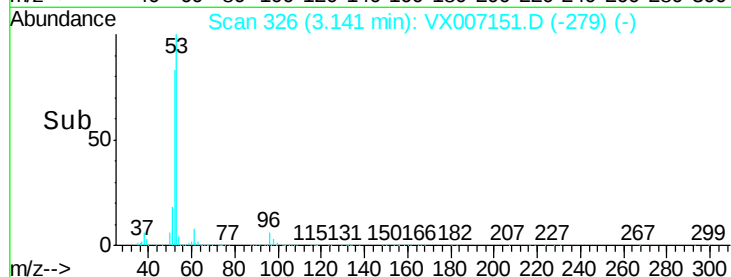
51 35.3 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 87.789 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007151.D

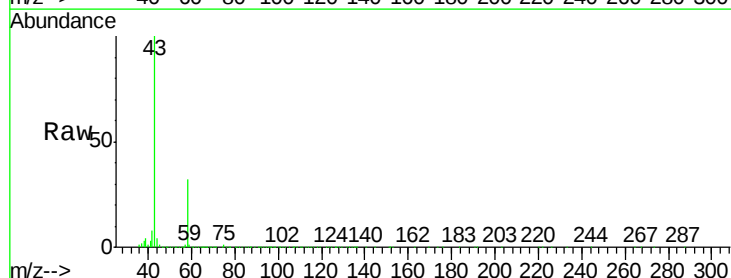
Acq: 21 Jan 2019 11:50

Tgt Ion: 43 Resp: 221546

Ion Ratio Lower Upper

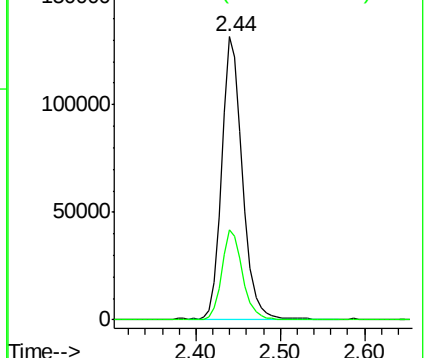
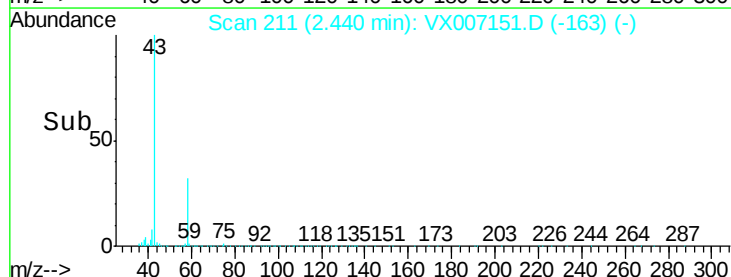
43 100

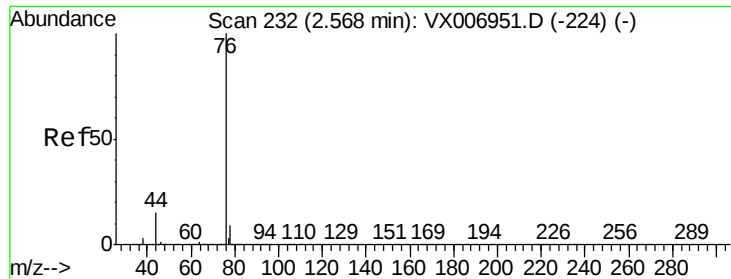
58 32.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.411 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

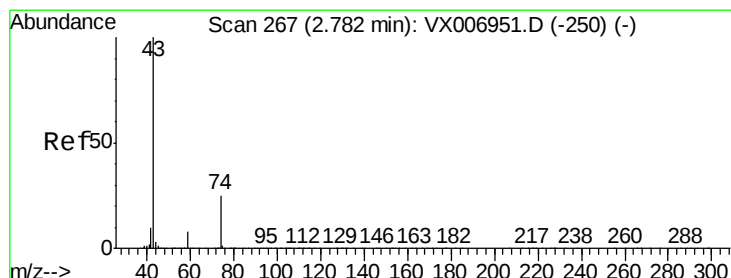
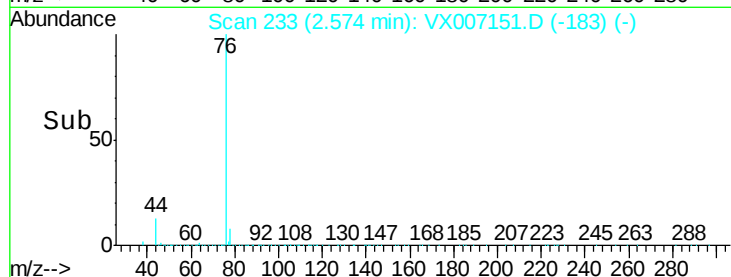
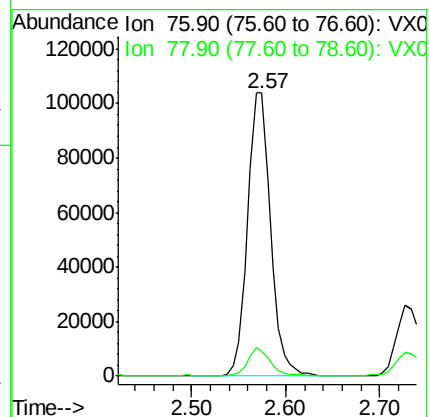
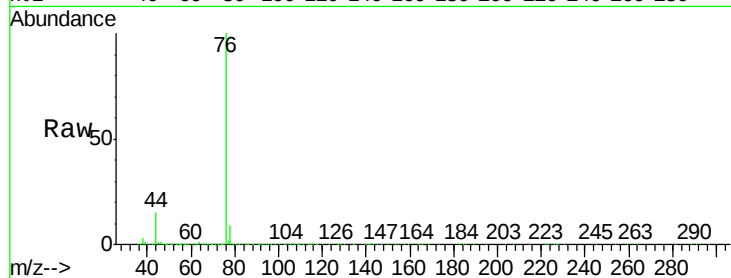
VX0121WBS01

Tot Ion: 76 Resp: 178119

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6



#18

Methyl Acetate

Concen: 18.471 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007151.D

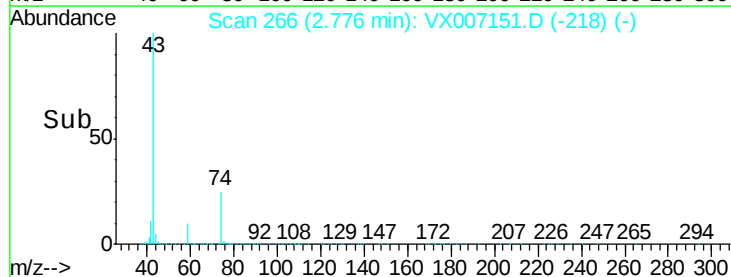
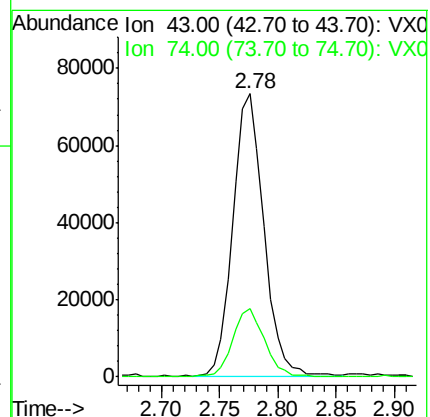
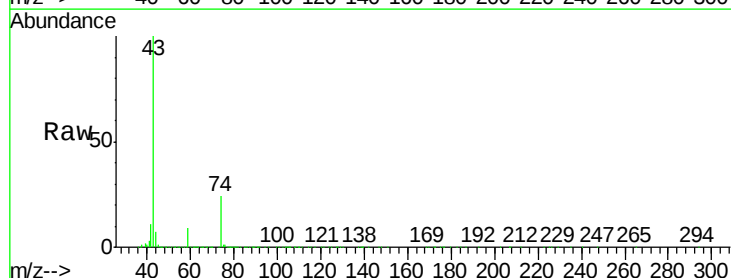
Acq: 21 Jan 2019 11:50

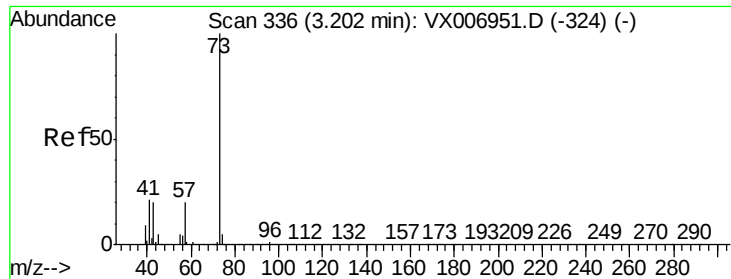
Tgt Ion: 43 Resp: 134992

Ion Ratio Lower Upper

43 100

74 24.8 18.6 28.0



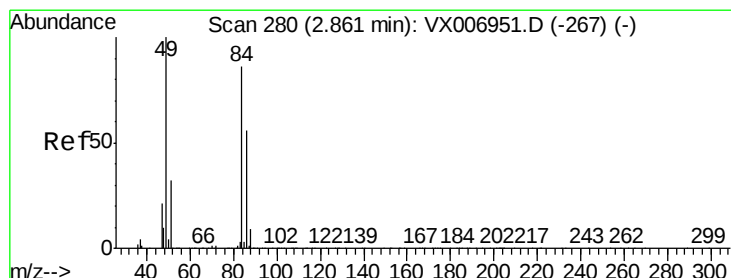
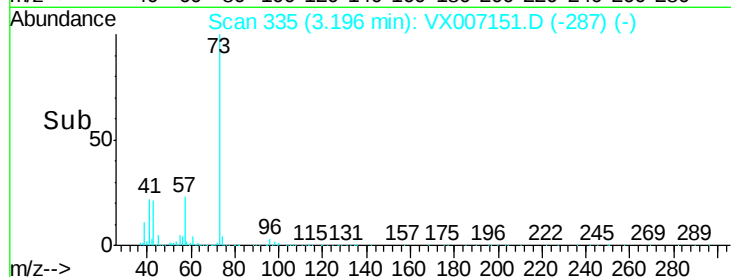
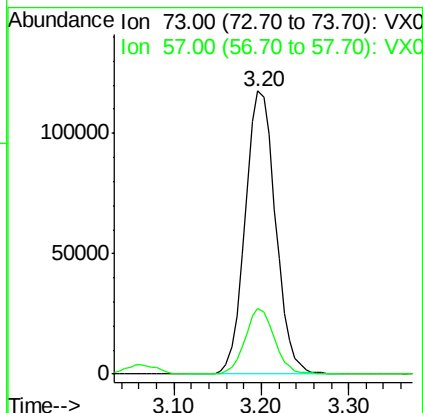
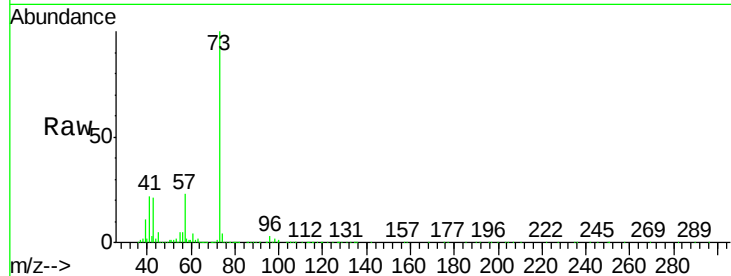


#19

Methyl tert-butyl Ether
 Concen: 18.220 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.01 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBS01

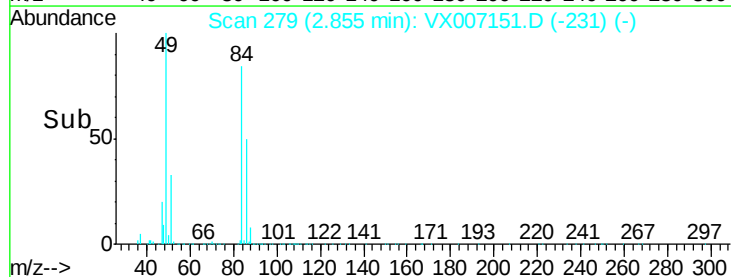
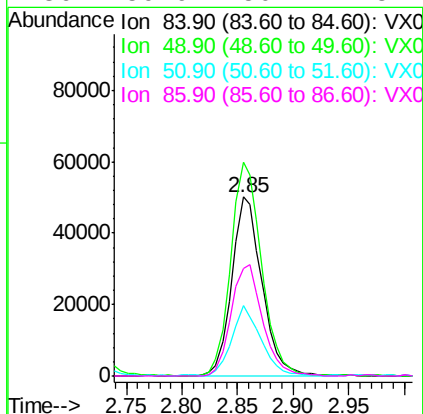
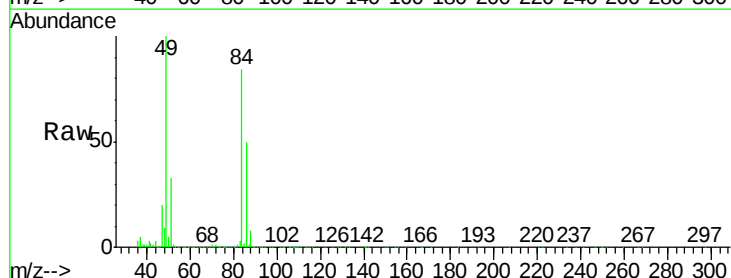
Tot Ion: 73 Resp: 283891
 Ion Ratio Lower Upper
 73 100
 57 23.0 16.8 25.2

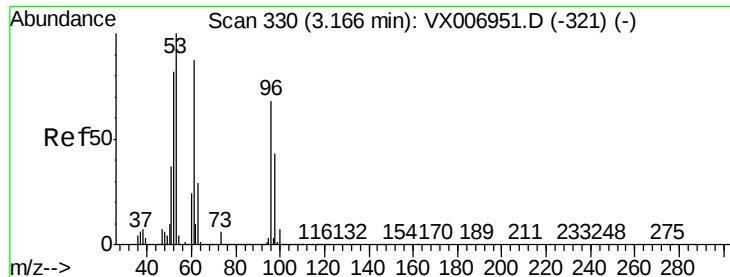


#20

Methylene Chloride
 Concen: 19.348 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

Tgt Ion: 84 Resp: 94533
 Ion Ratio Lower Upper
 84 100
 49 119.2 91.8 137.6
 51 39.2 28.5 42.7
 86 59.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 17.907 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

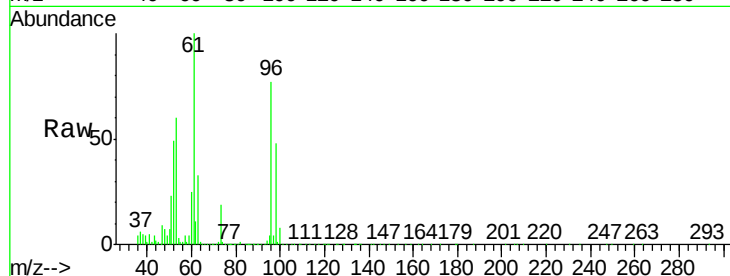
Tot Ion: 96 Resp: 89584

Ion Ratio Lower Upper

96 100

61 130.0 103.7 155.5

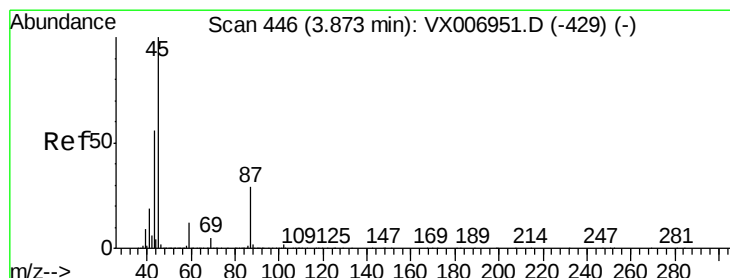
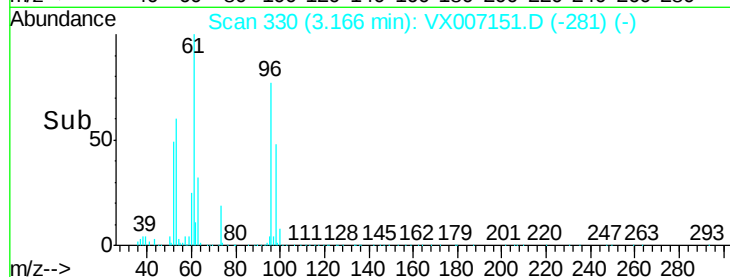
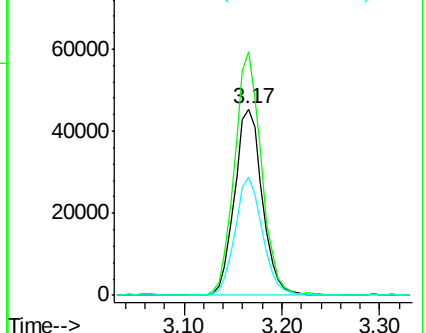
98 62.9 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.586 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Tgt Ion: 45 Resp: 268826

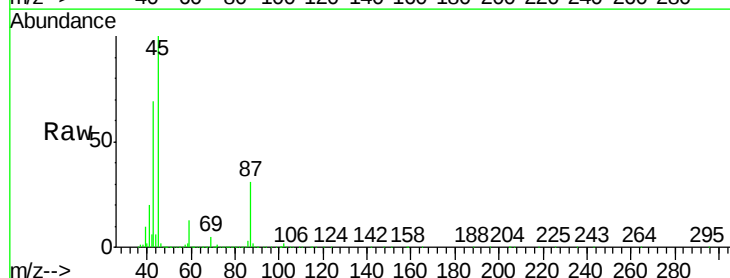
Ion Ratio Lower Upper

45 100

43 68.9 51.2 76.8

87 31.3 25.8 38.6

59 12.6 9.0 13.4

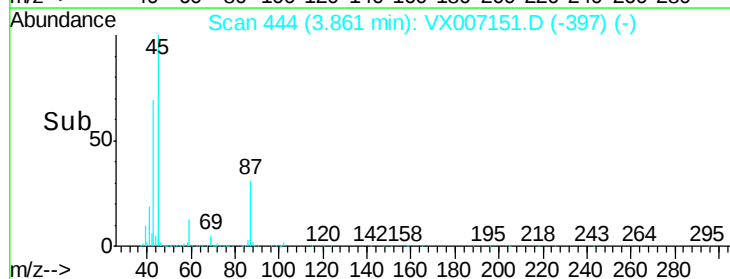
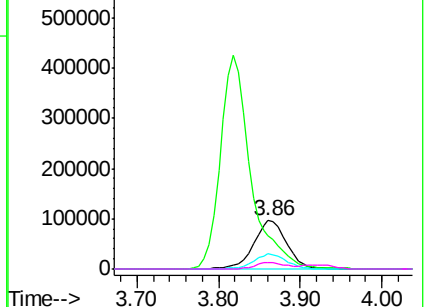


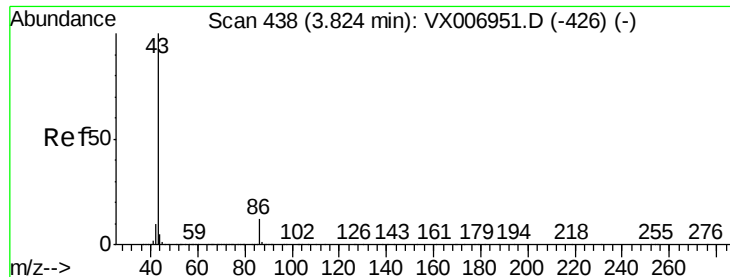
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.809 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

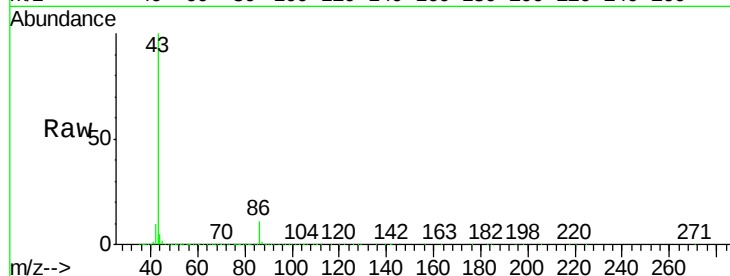
VX0121WBS01

Tot Ion: 43 Resp: 1107678

Ion Ratio Lower Upper

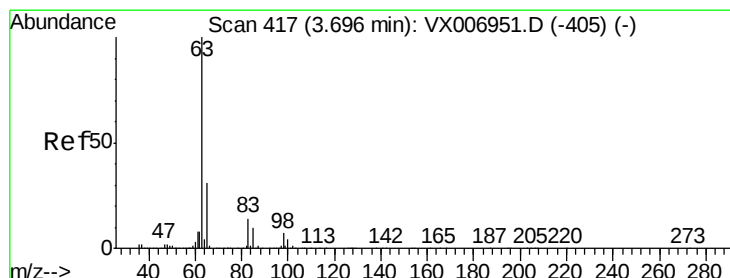
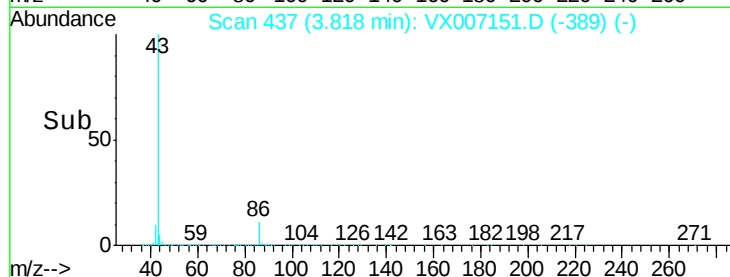
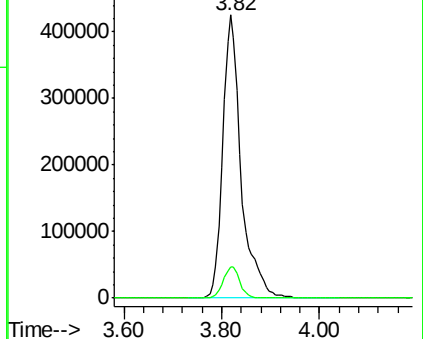
43 100

86 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.612 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

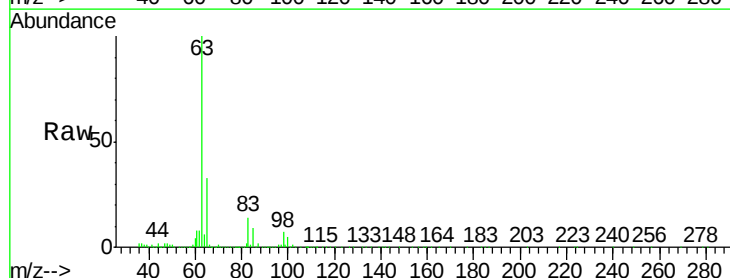
Tgt Ion: 63 Resp: 158621

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

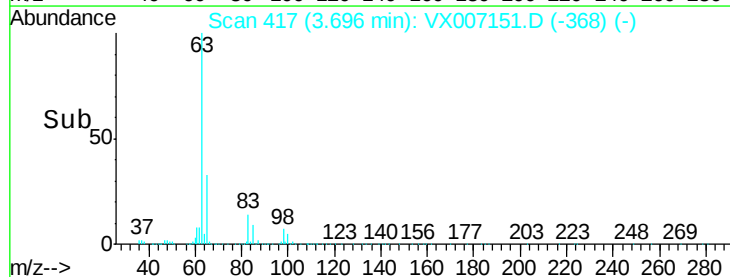
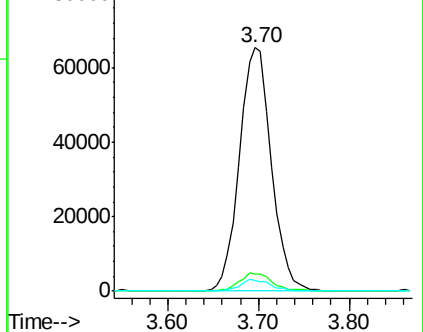
100 4.6 2.4 7.2

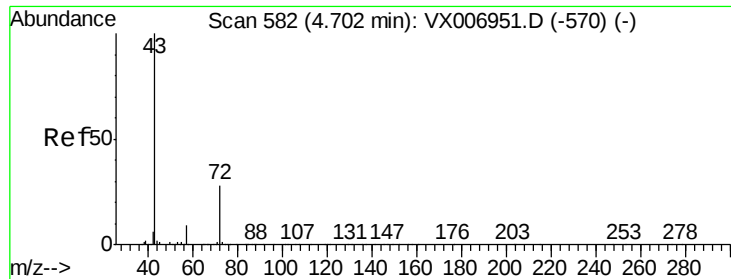


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.013 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

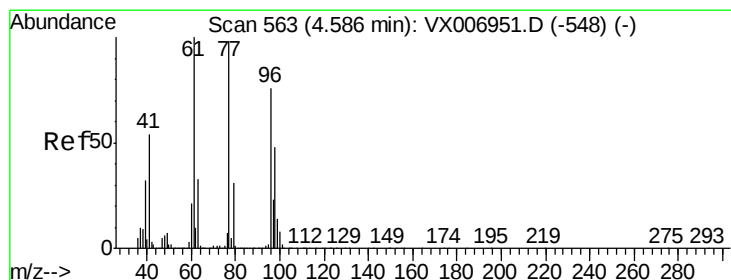
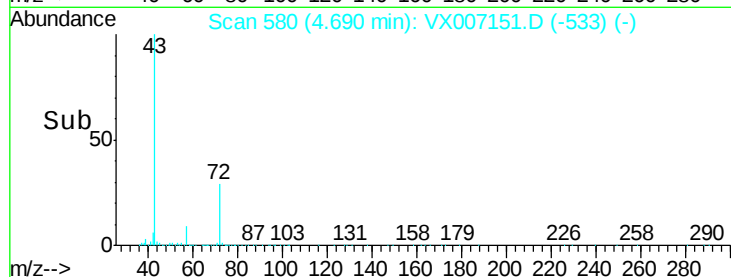
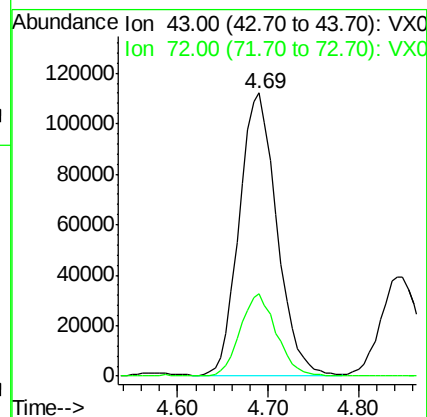
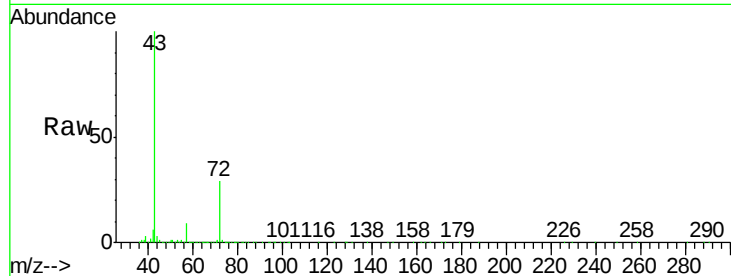
VX0121WBS01

Tot Ion: 43 Resp: 321420

Ion Ratio Lower Upper

43 100

72 29.1 22.4 33.6



#26

2,2-Dichloropropane

Concen: 18.781 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007151.D

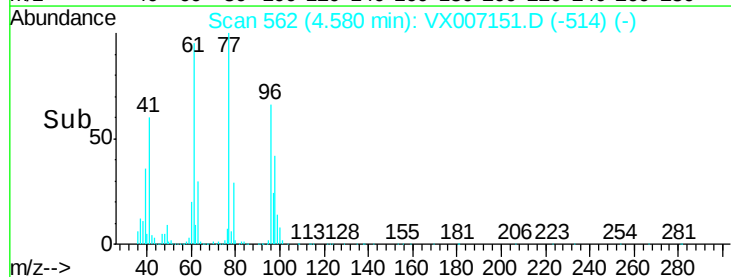
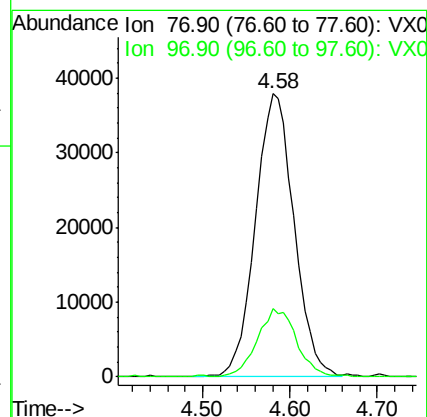
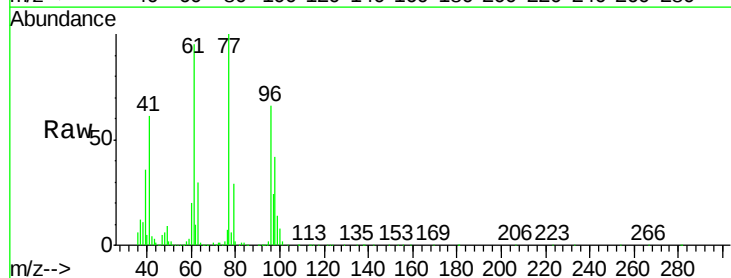
Acq: 21 Jan 2019 11:50

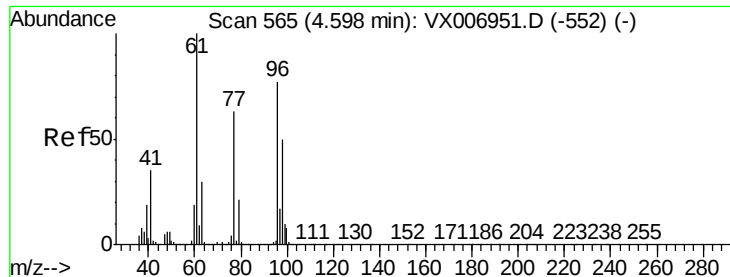
Tgt Ion: 77 Resp: 116806

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4



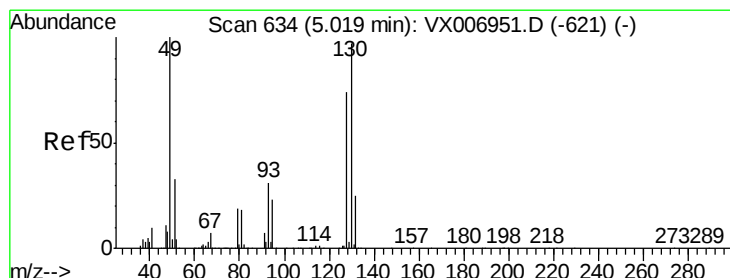
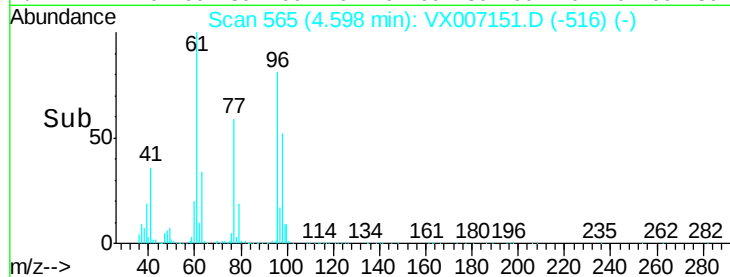
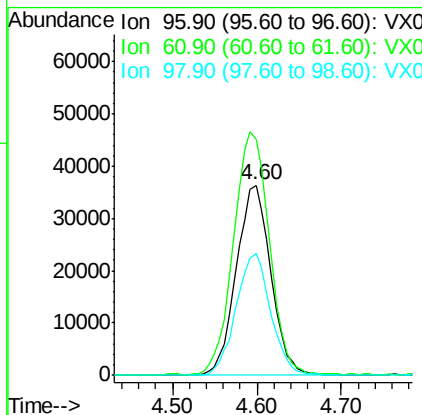
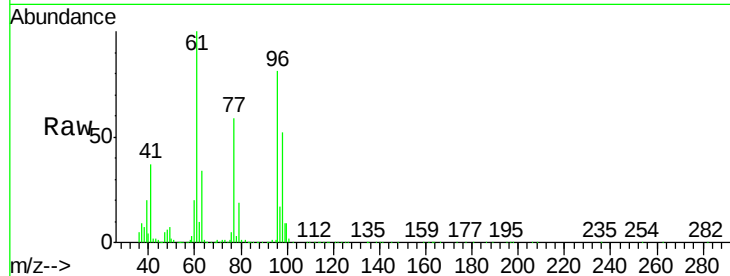


#27

cis-1,2-Dichloroethene
 Concen: 18.123 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBS01

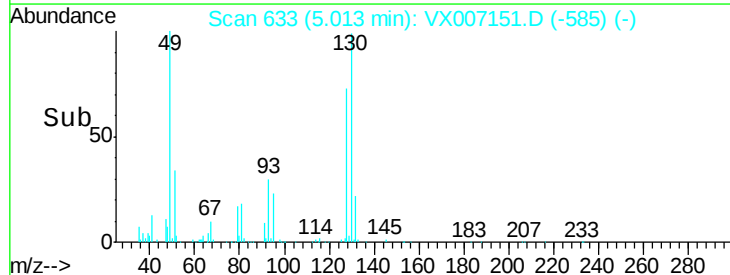
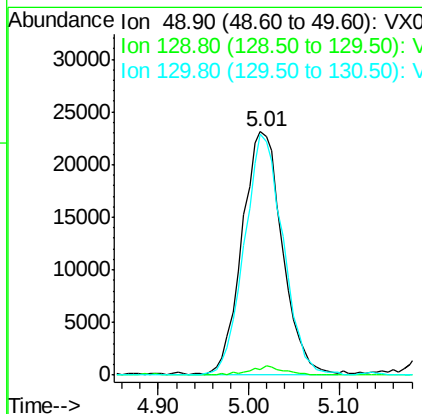
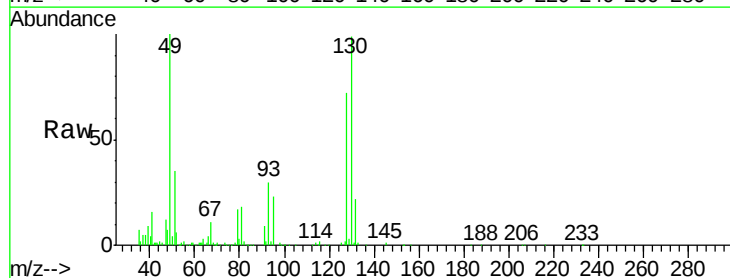
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.3	0.0	258.6
98	64.7	0.0	132.0

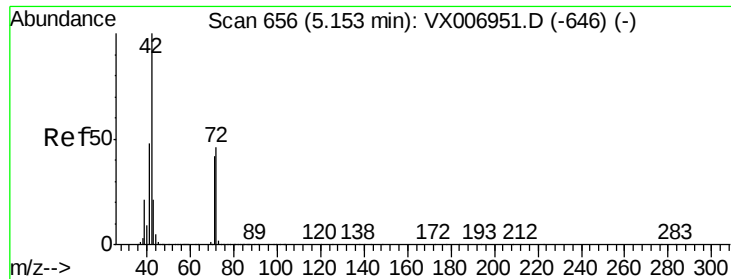


#28

Bromochloromethane
 Concen: 20.106 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.4
130	94.9	77.7	116.5





#29

Tetrahydrofuran

Concen: 84.847 ug/l

RT: 5.14 min Scan# 654

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

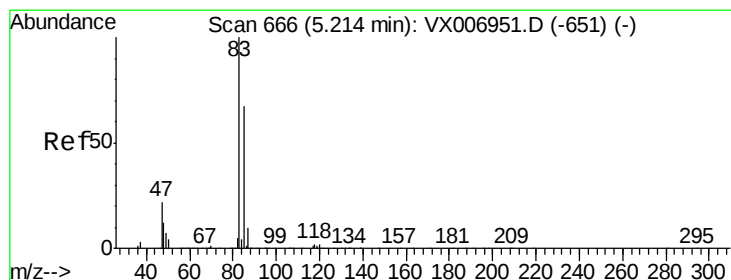
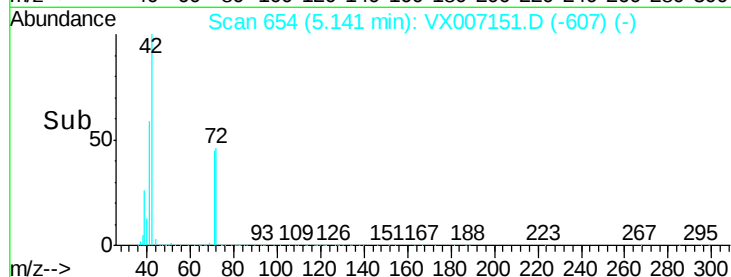
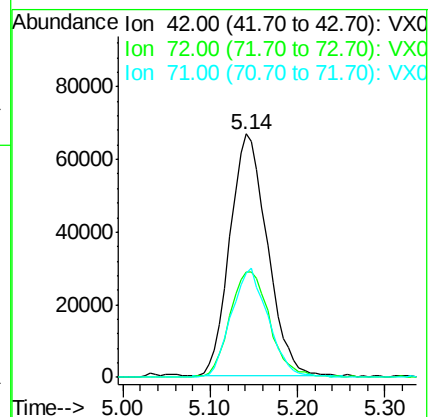
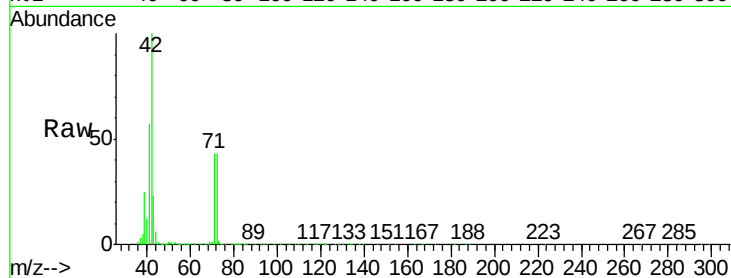
Tot Ion: 42 Resp: 199108

Ion Ratio Lower Upper

42 100

72 46.0 38.9 58.3

71 44.5 36.2 54.4



#30

Chloroform

Concen: 18.997 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX007151.D

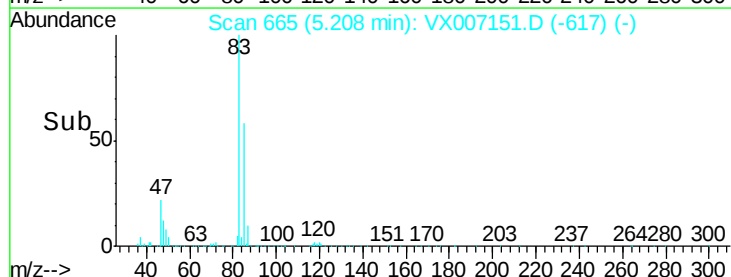
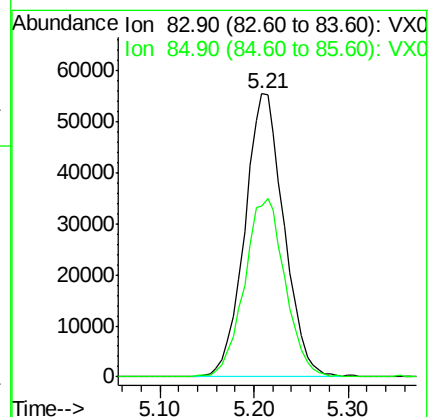
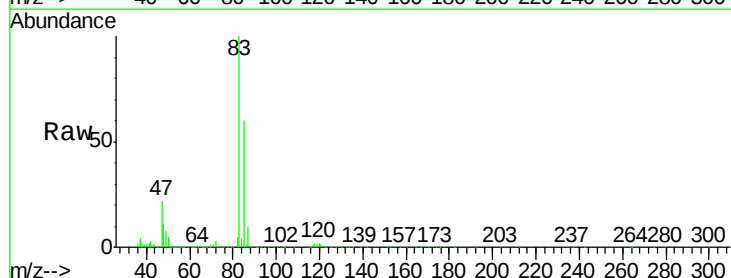
Acq: 21 Jan 2019 11:50

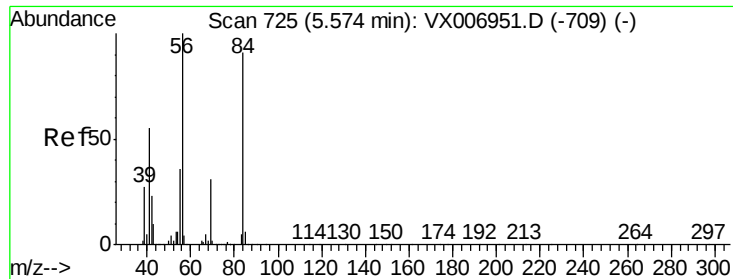
Tgt Ion: 83 Resp: 160863

Ion Ratio Lower Upper

83 100

85 60.2 51.2 76.8

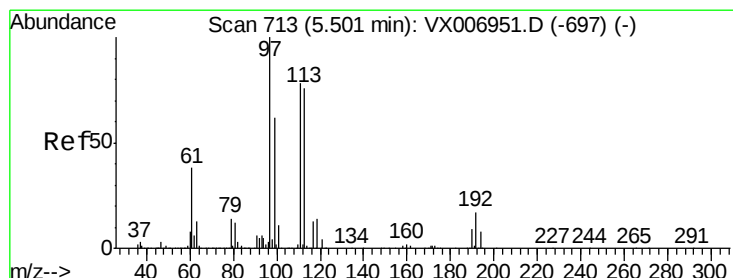
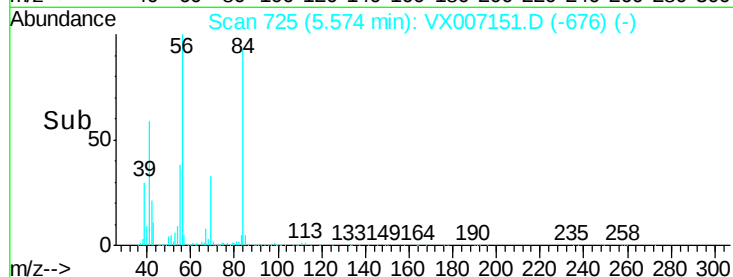
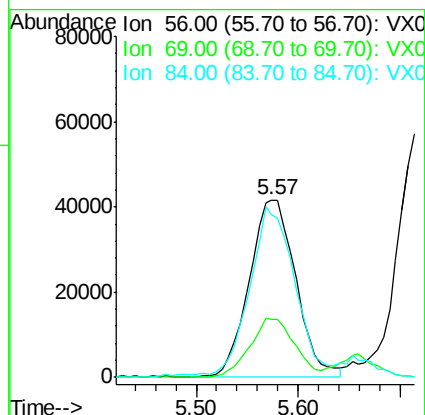
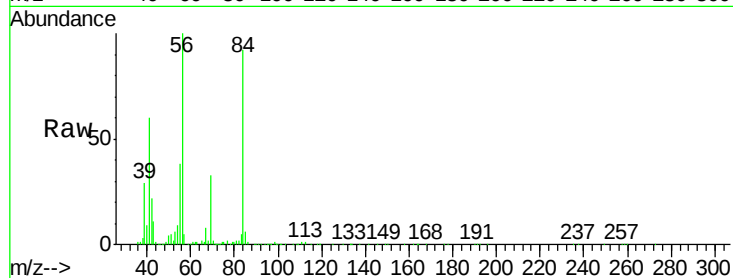




#31
Cyclohexane
Concen: 18.178 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

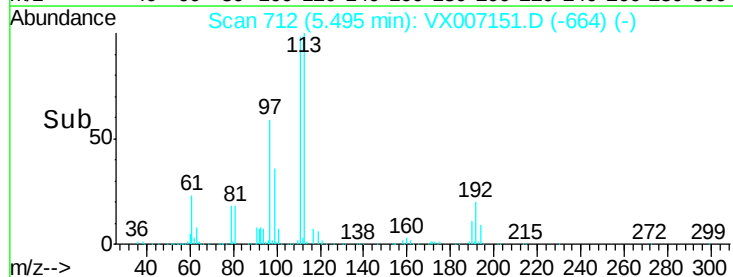
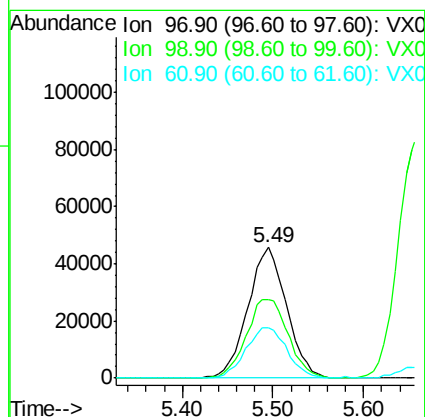
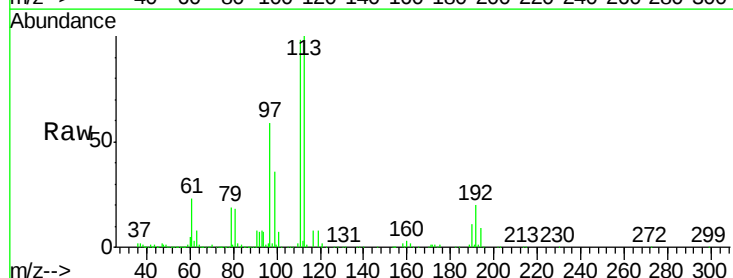
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBS01

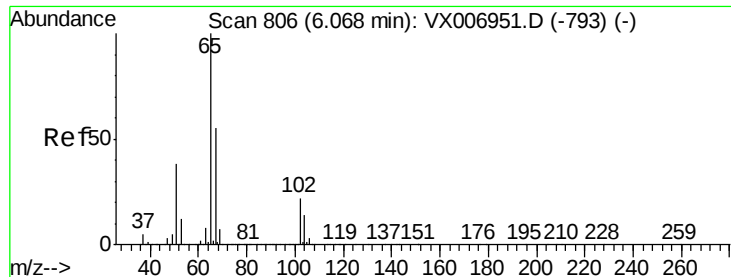
Tot Ion: 56 Resp: 130854
Ion Ratio Lower Upper
56 100
69 32.9 24.4 36.6
84 91.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.849 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Tgt Ion: 97 Resp: 135291
Ion Ratio Lower Upper
97 100
99 65.3 51.7 77.5
61 41.2 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 47.440 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

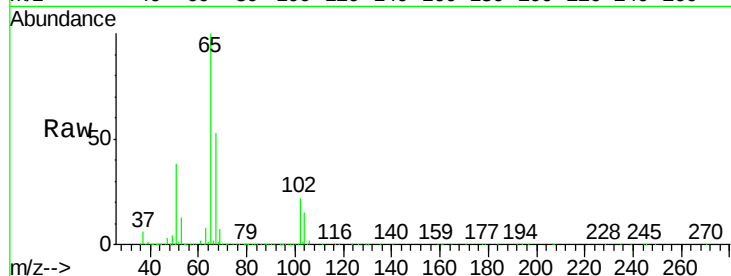
VX0121WBS01

Tot Ion: 65 Resp: 242169

Ion Ratio Lower Upper

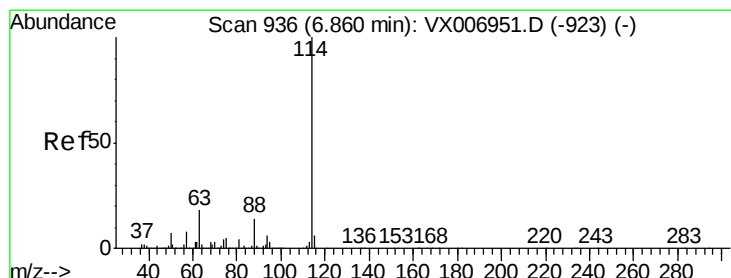
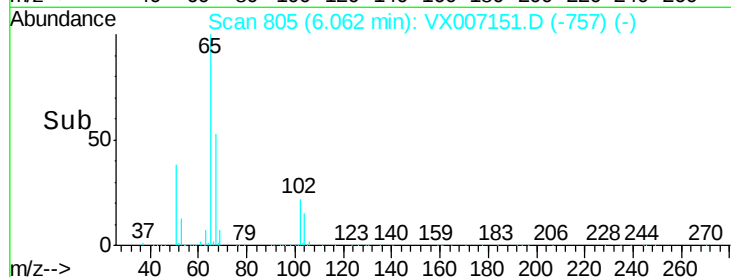
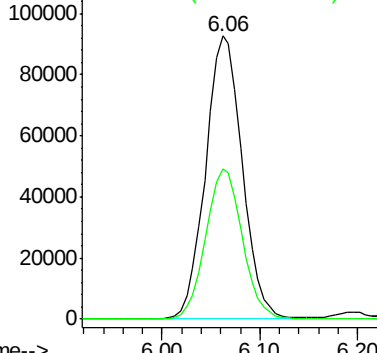
65 100

67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

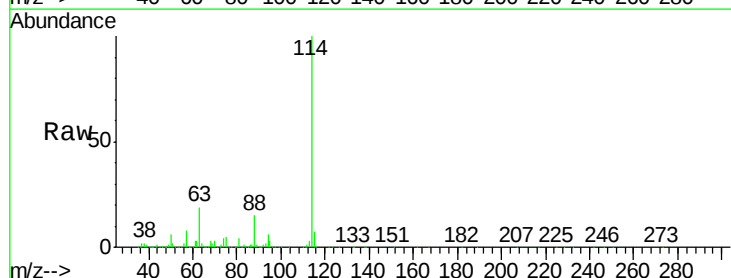
Tgt Ion: 114 Resp: 699618

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.8

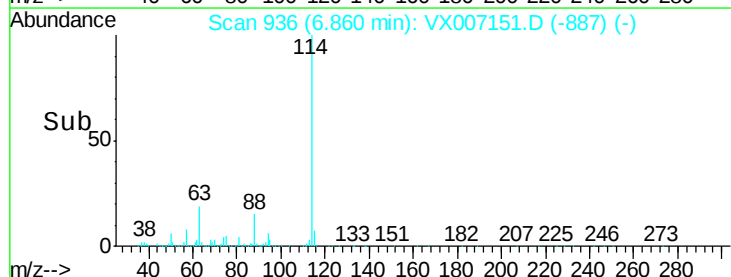
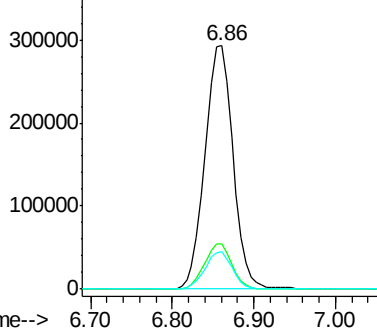
88 15.4 0.0 28.8

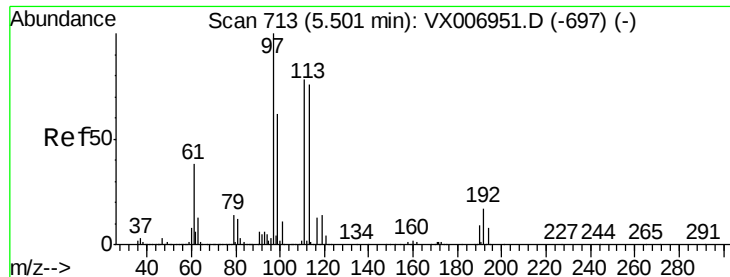


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.858 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

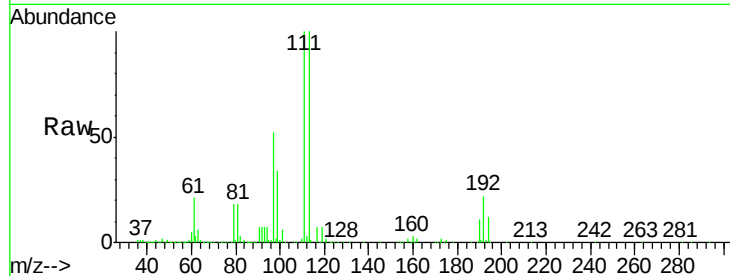
Tot Ion:113 Resp: 218898

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

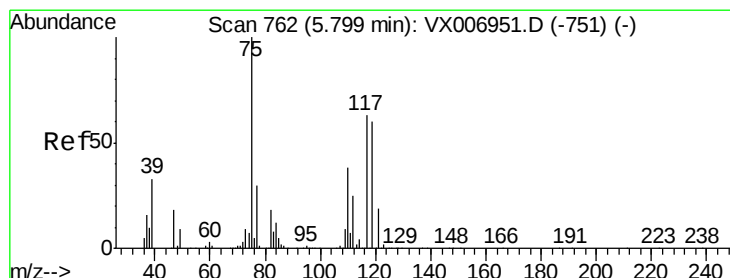
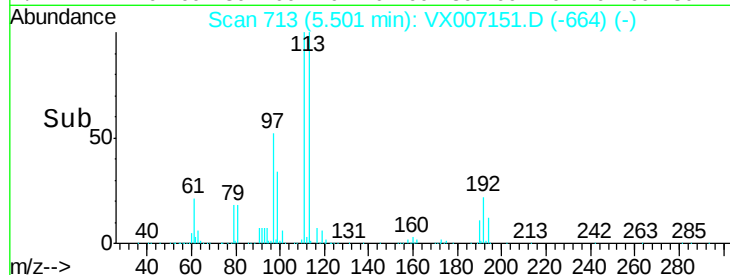
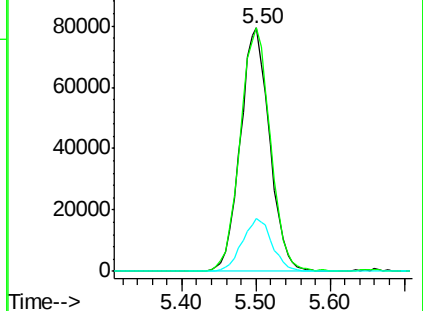
192 22.1 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.336 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

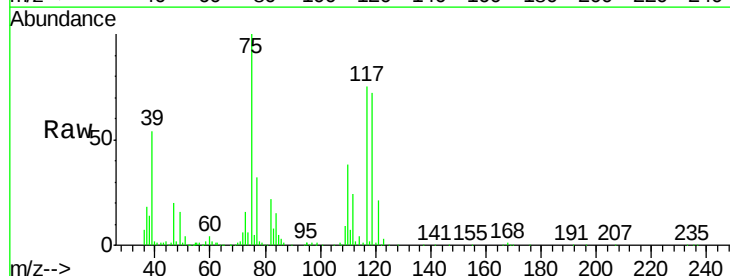
Tgt Ion: 75 Resp: 117616

Ion Ratio Lower Upper

75 100

110 39.8 20.2 60.5

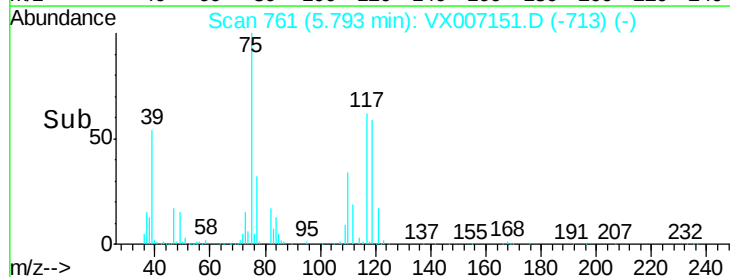
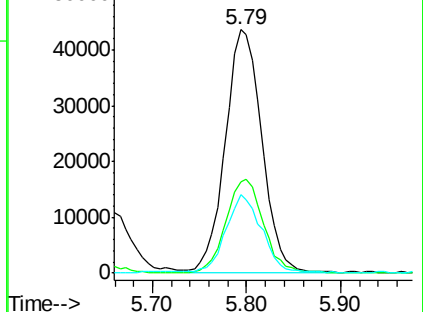
77 32.2 24.8 37.2

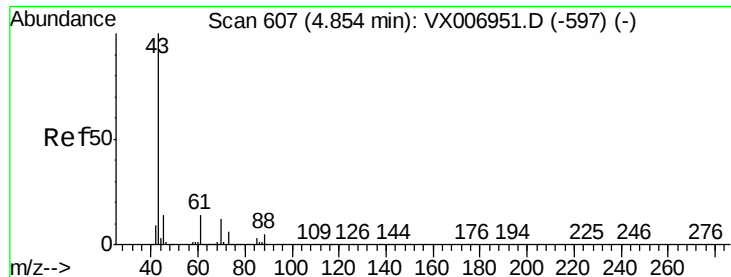


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

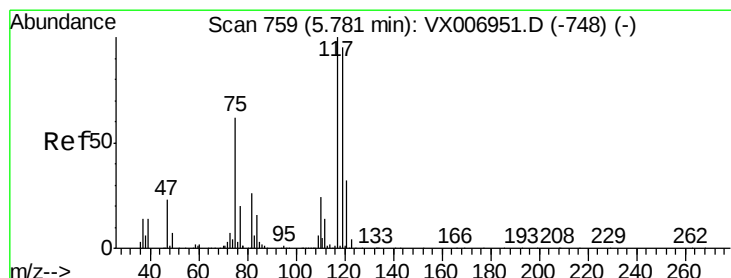
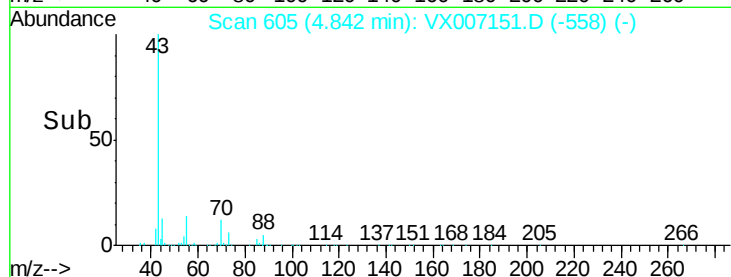
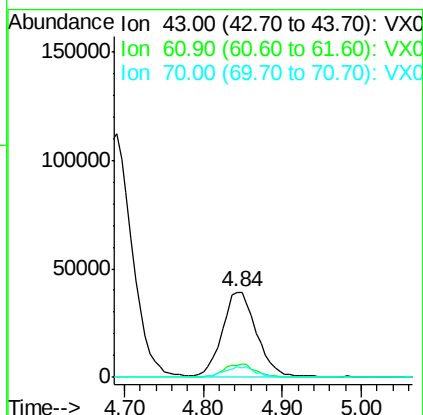
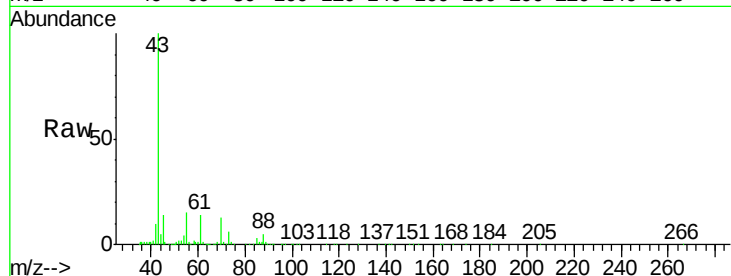




#37
Ethyl Acetate
Concen: 18.066 ug/l
RT: 4.84 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

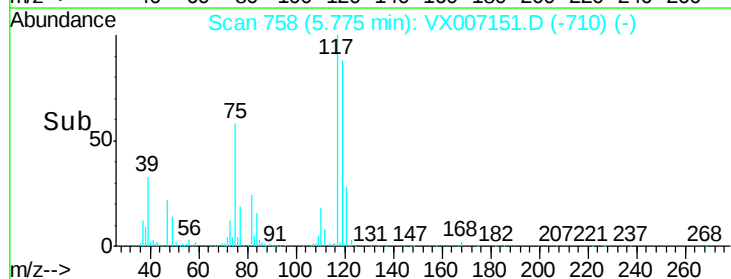
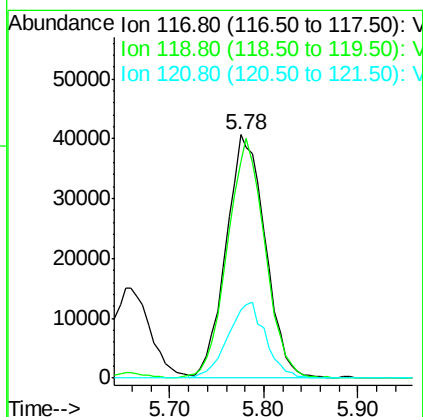
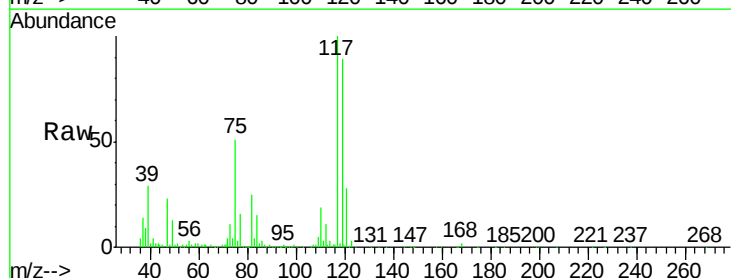
Instrument :
MSVOA_X
ClientSampled :
VX0121WBS01

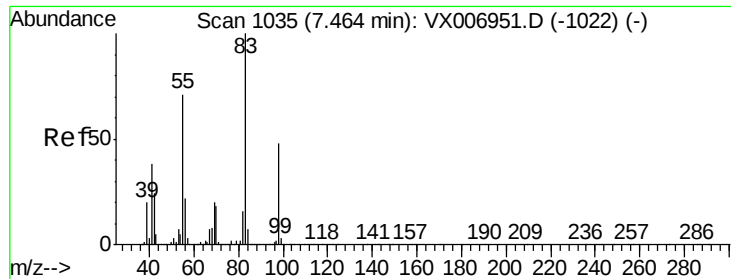
Tot Ion: 43 Resp: 117811
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 12.2 9.7 14.5



#38
Carbon Tetrachloride
Concen: 19.202 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Tgt Ion: 117 Resp: 117511
Ion Ratio Lower Upper
117 100
119 89.1 79.4 119.2
121 28.0 24.0 36.0

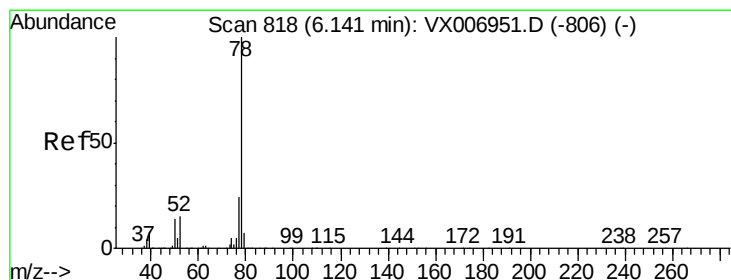
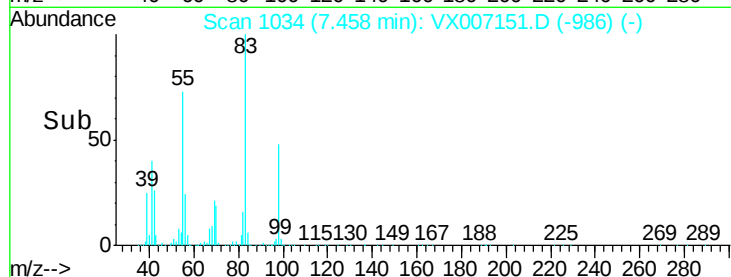
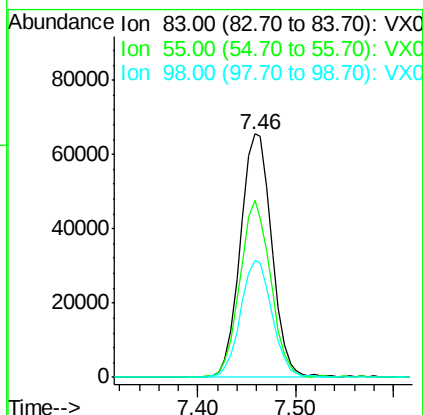
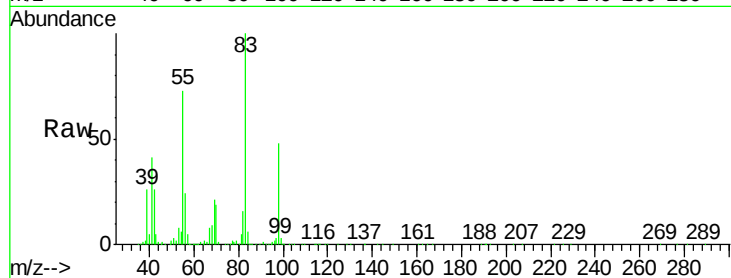




#39
Methvlcvclohexane
Concen: 18.688 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

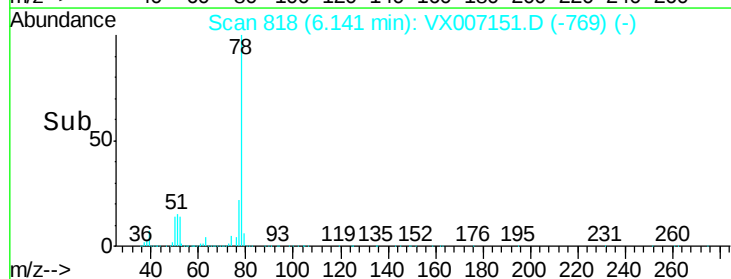
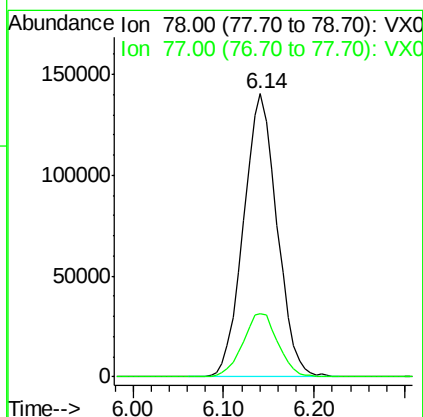
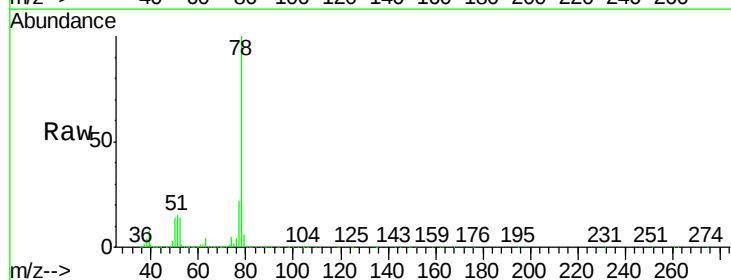
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBS01

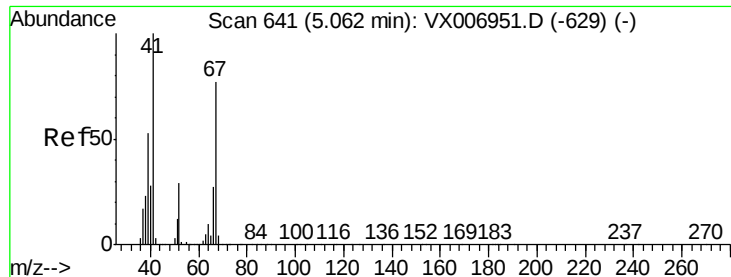
Tot Ion: 83 Resp: 144912
Ion Ratio Lower Upper
83 100
55 72.9 54.9 82.3
98 48.1 37.9 56.9



#40
Benzene
Concen: 19.332 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Tgt Ion: 78 Resp: 358804
Ion Ratio Lower Upper
78 100
77 22.3 19.2 28.8





#41

Methacrylonitrile

Concen: 18.451 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

Tot Ion: 41 Resp: 69316

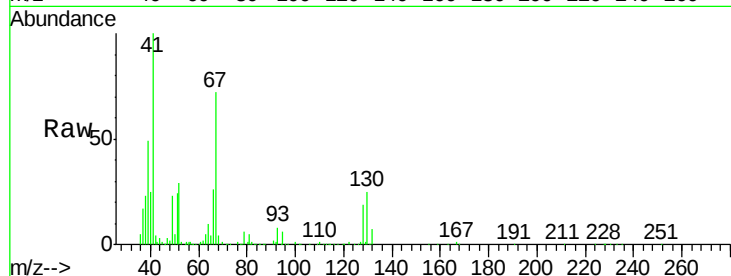
Ion Ratio Lower Upper

41 100

39 53.1 42.8 64.2

67 73.3 62.1 93.1

52 31.5 23.4 35.0

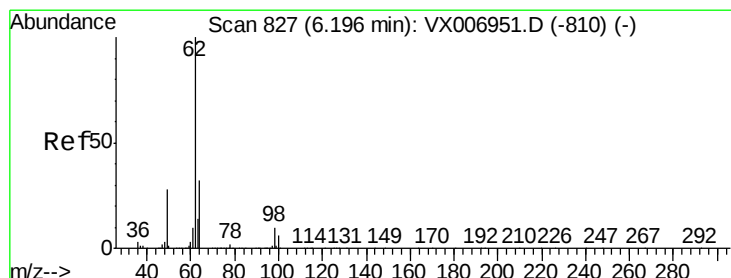
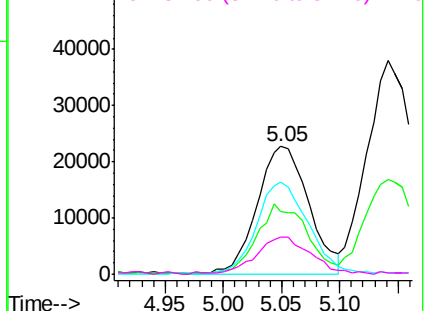
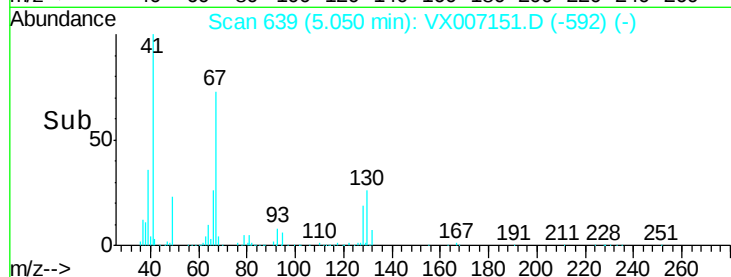


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.326 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007151.D

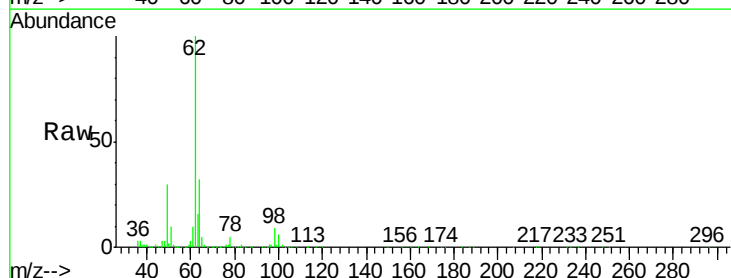
Acq: 21 Jan 2019 11:50

Tgt Ion: 62 Resp: 123951

Ion Ratio Lower Upper

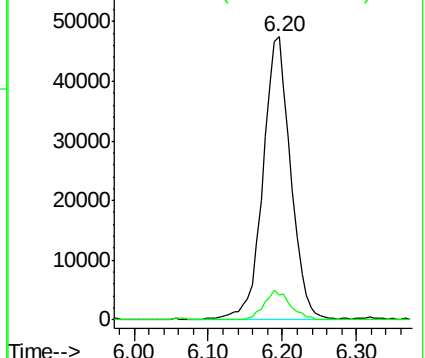
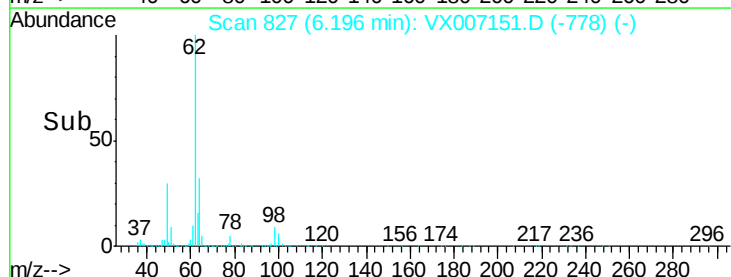
62 100

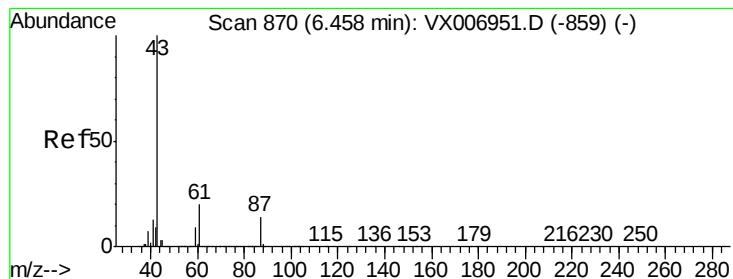
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



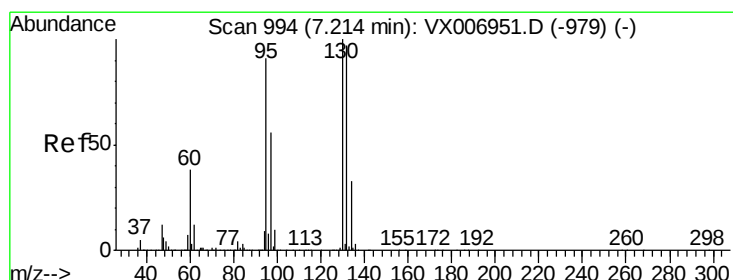
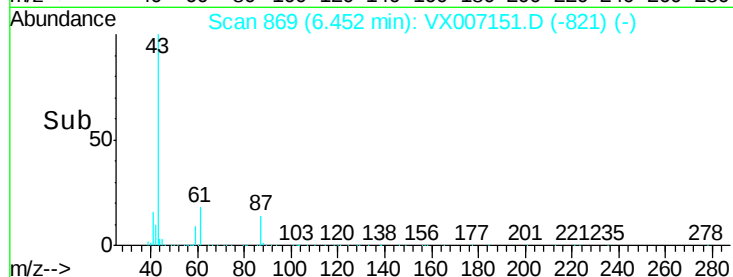
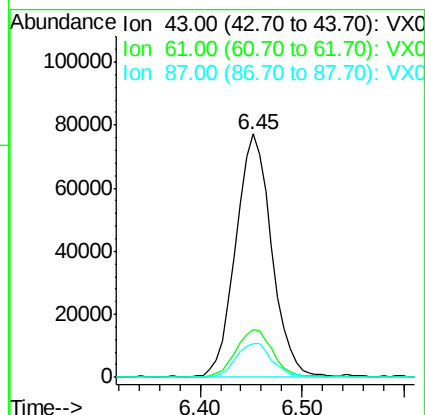
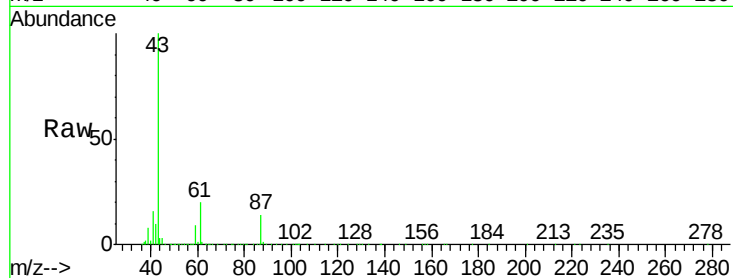


#43

Isopropyl Acetate
 Concen: 18.278 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBS01

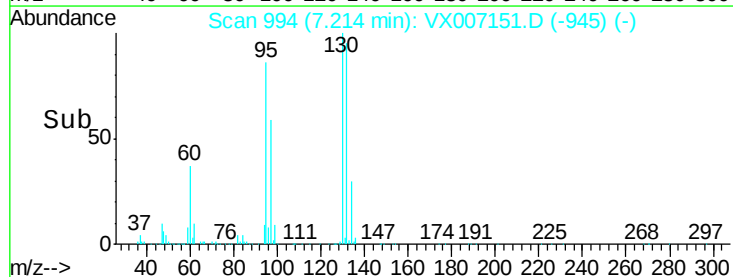
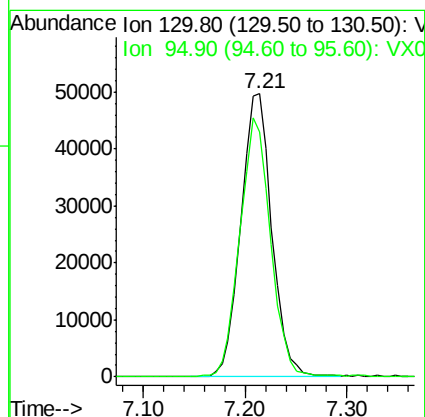
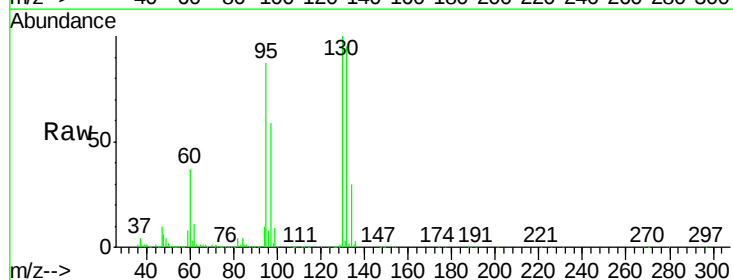
Tot Ion	43	Resp	188008
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.8	25.2
87	14.2	12.4	18.6

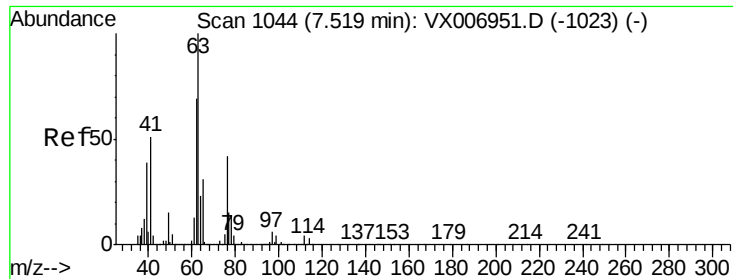


#44

Trichloroethene
 Concen: 18.852 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

Tgt Ion	130	Resp	104849
Ion Ratio	Lower	Upper	
130	100		
95	86.3	0.0	187.0





#45

1,2-Dichloropropane

Concen: 19.132 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

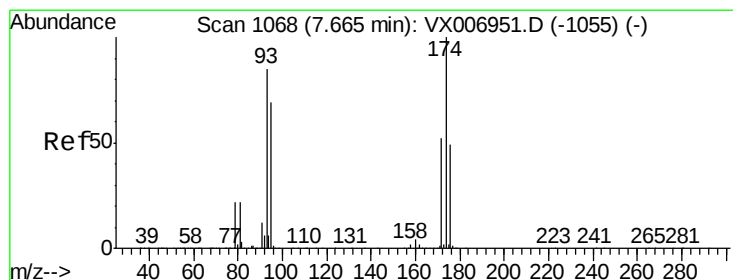
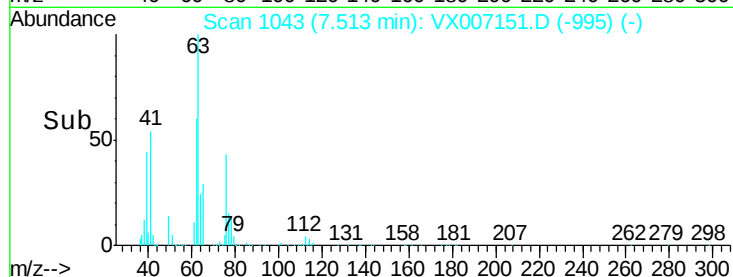
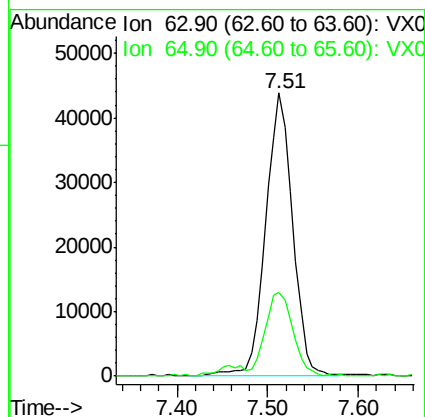
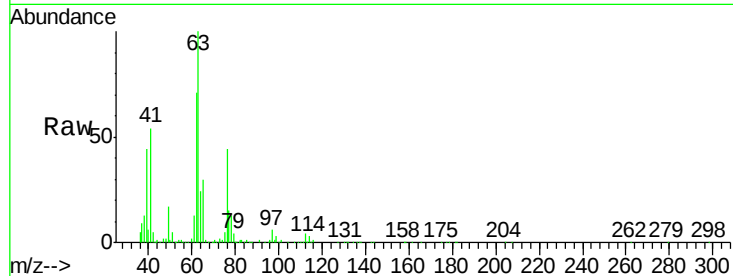
VX0121WBS01

Tot Ion: 63 Resp: 89269

Ion Ratio Lower Upper

63 100

65 29.5 25.4 38.0



#46

Dibromomethane

Concen: 19.392 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

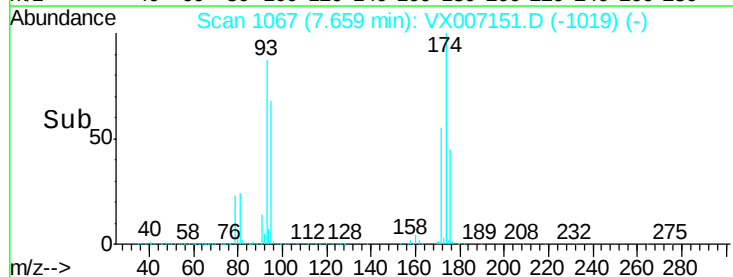
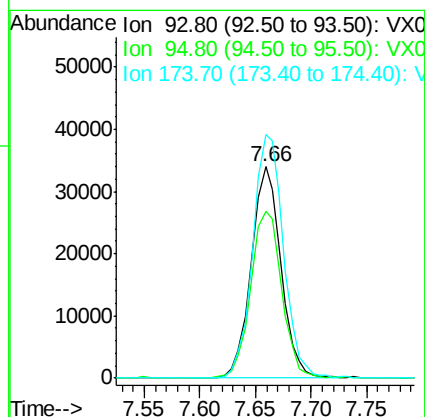
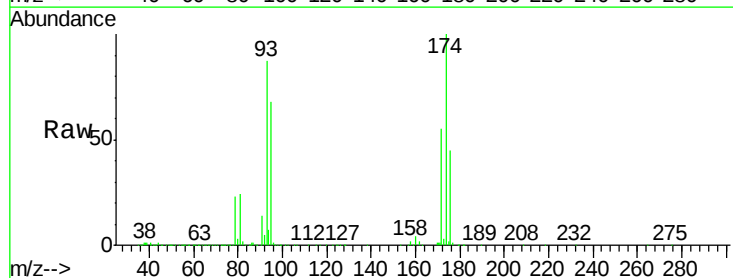
Tgt Ion: 93 Resp: 63591

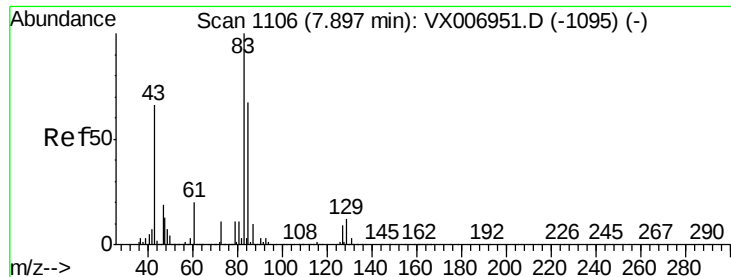
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 118.8 91.0 136.4





#47

Bromodichloromethane

Concen: 19.719 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

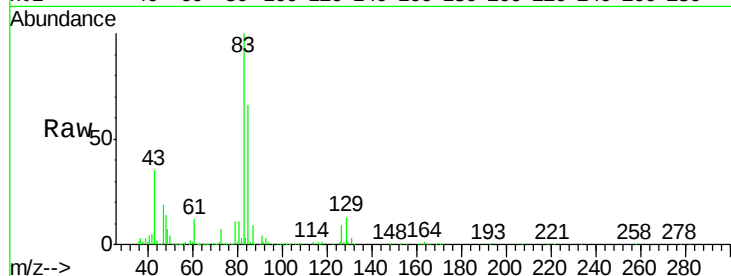
Tot Ion: 83 Resp: 110067

Ion Ratio Lower Upper

83 100

85 66.2 53.2 79.8

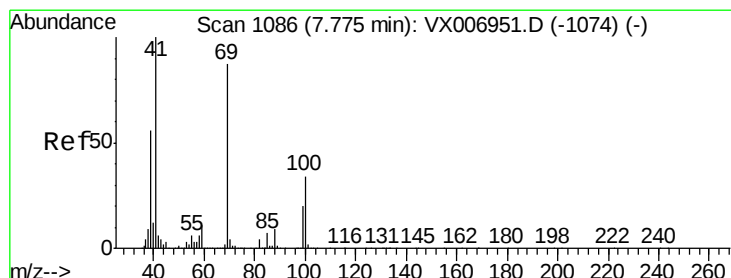
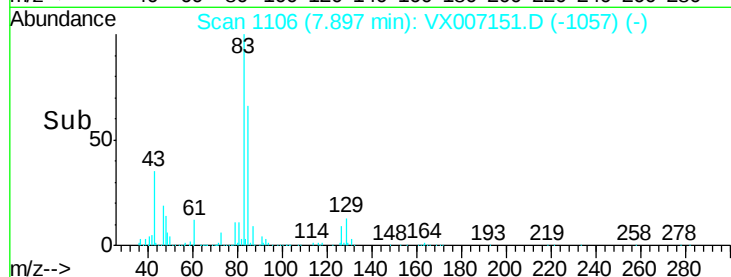
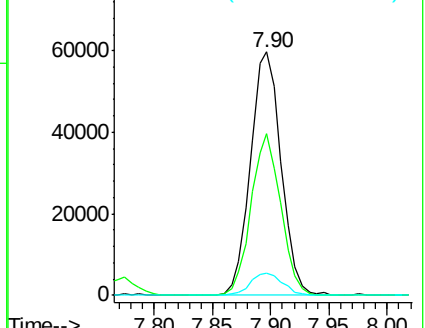
127 9.2 7.8 11.6



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: 18.759 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

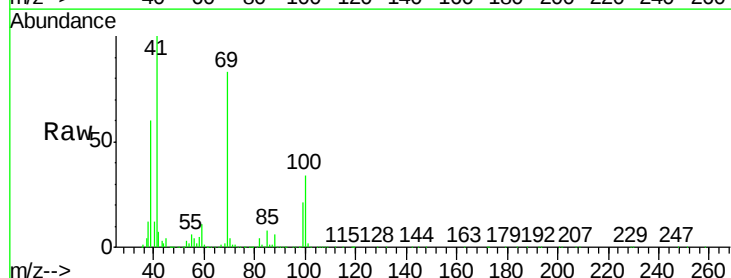
Tgt Ion: 41 Resp: 99089

Ion Ratio Lower Upper

41 100

69 85.1 72.4 108.6

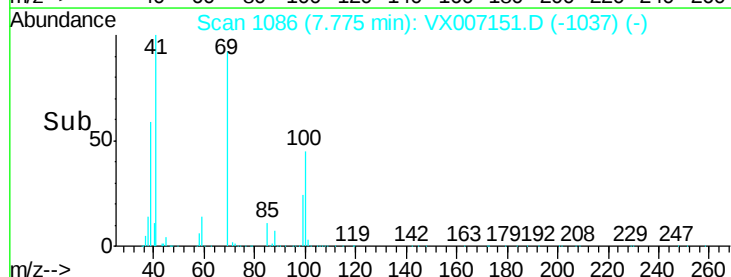
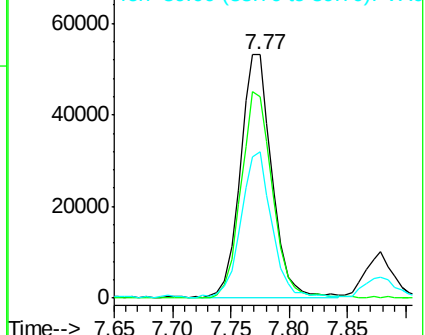
39 58.7 45.8 68.8

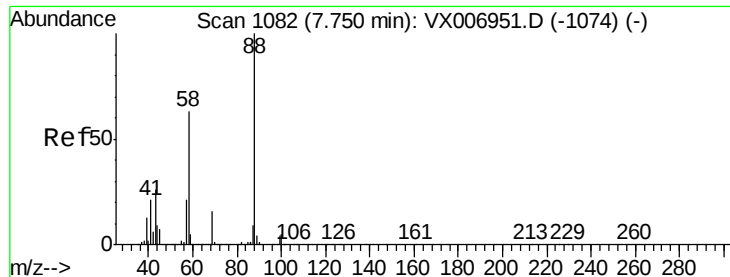


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 368.478 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

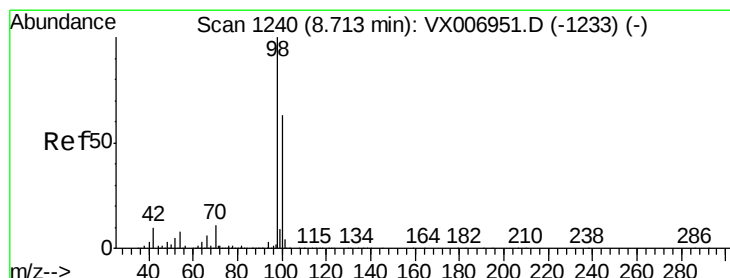
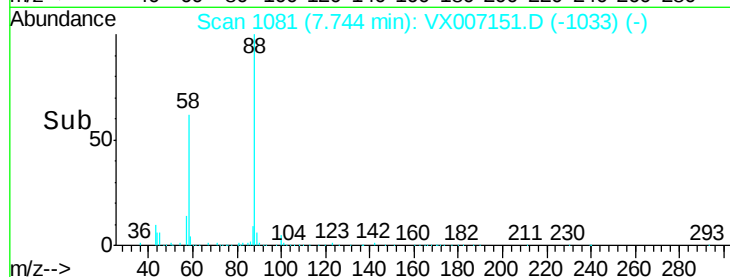
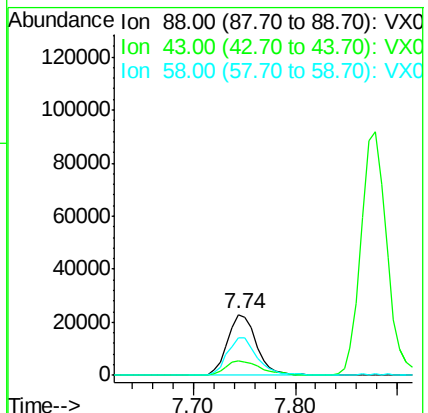
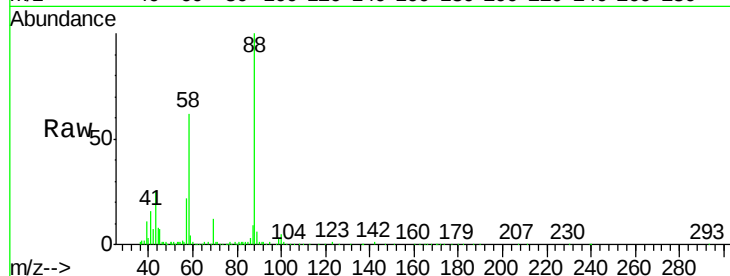
Tot Ion: 88 Resp: 45104

Ion Ratio Lower Upper

88 100

43 31.1 22.2 33.4

58 63.0 51.0 76.4



#50

Toluene-d8

Concen: 49.192 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007151.D

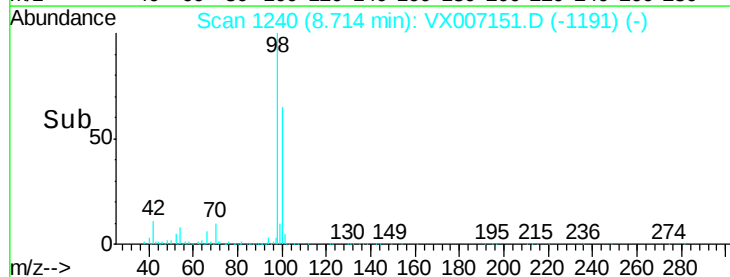
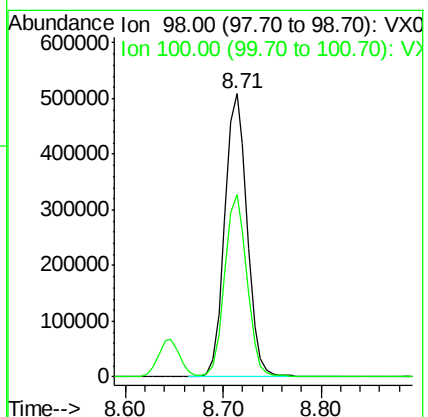
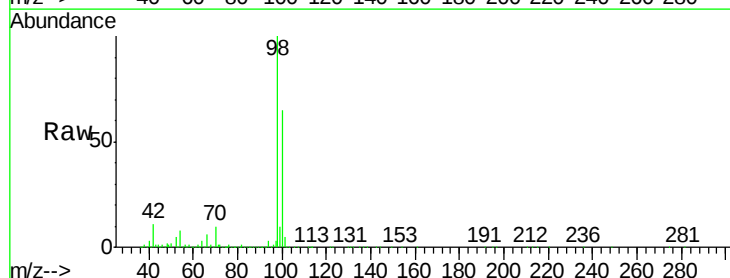
Acq: 21 Jan 2019 11:50

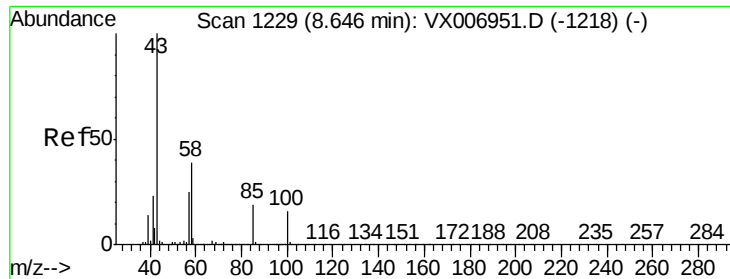
Tgt Ion: 98 Resp: 806720

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 97.596 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

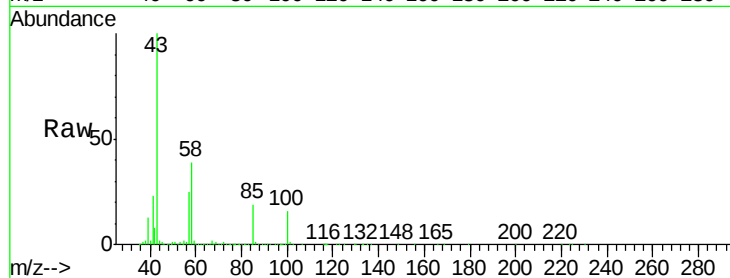
VX0121WBS01

Tot Ion: 43 Resp: 645160

Ion Ratio Lower Upper

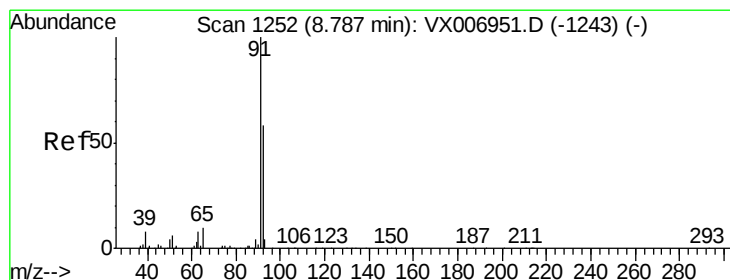
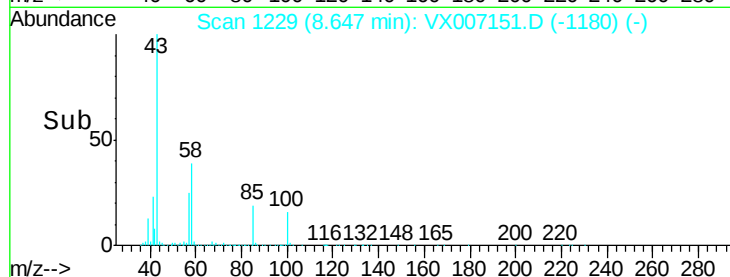
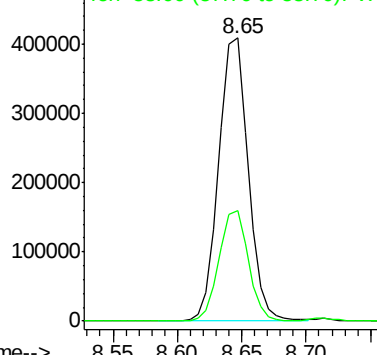
43 100

58 38.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.247 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007151.D

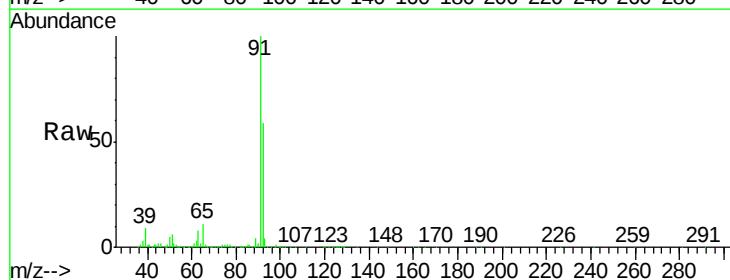
Acq: 21 Jan 2019 11:50

Tgt Ion: 92 Resp: 229604

Ion Ratio Lower Upper

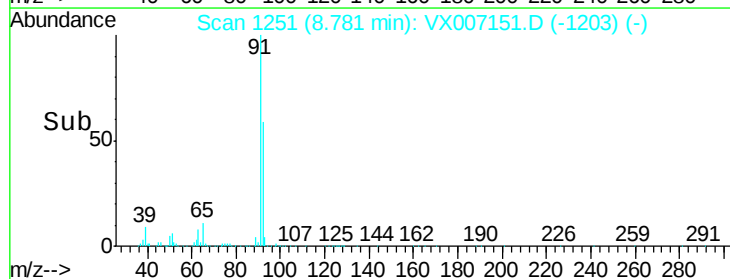
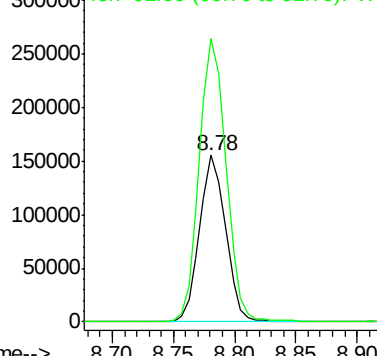
92 100

91 175.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.281 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

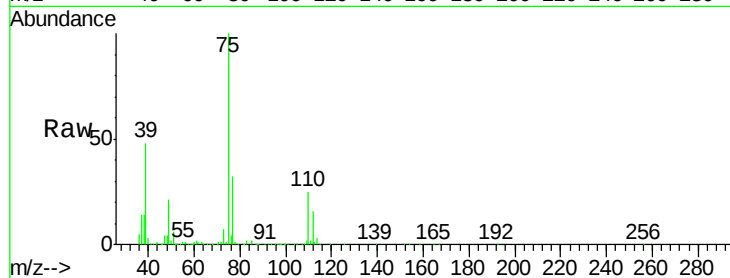
VX0121WBS01

Tot Ion: 75 Resp: 119343

Ion Ratio Lower Upper

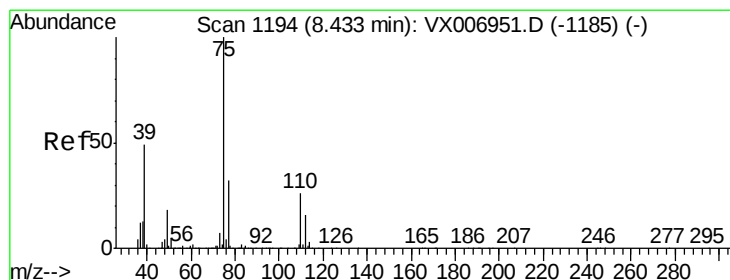
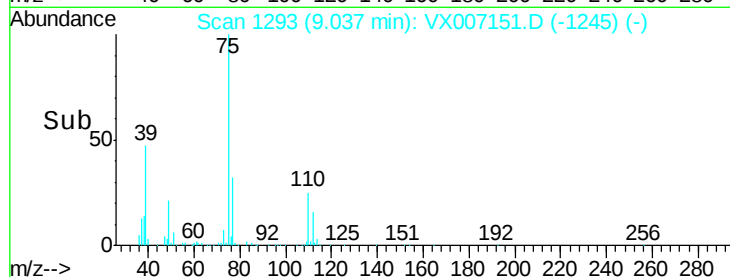
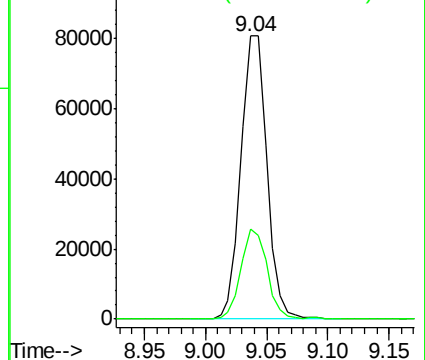
75 100

77 31.8 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.422 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

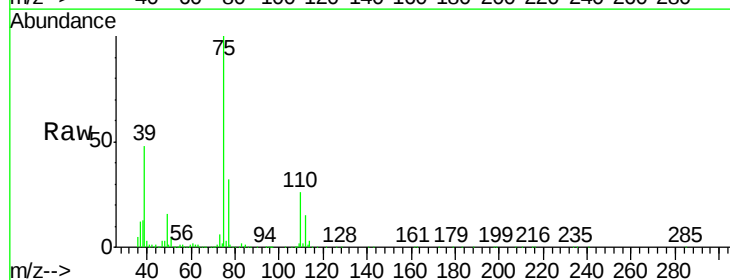
Tgt Ion: 75 Resp: 132756

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

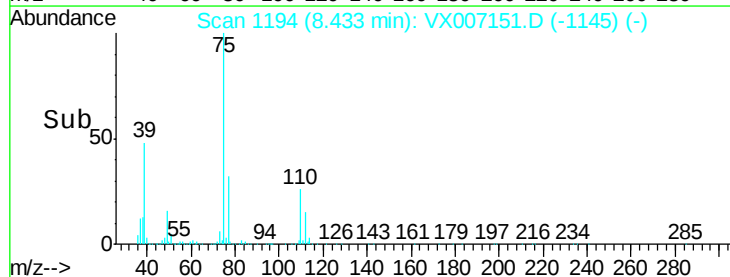
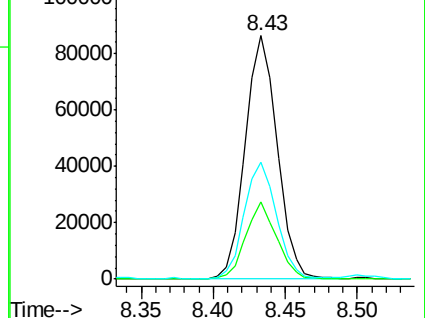
39 47.7 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

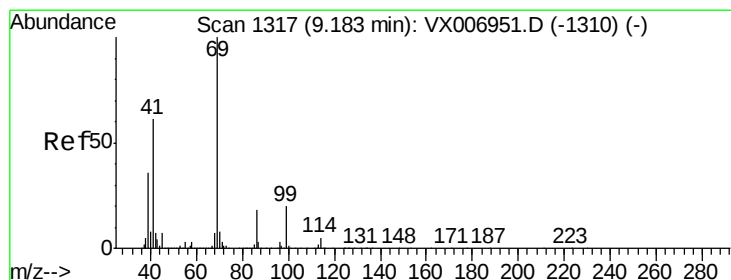
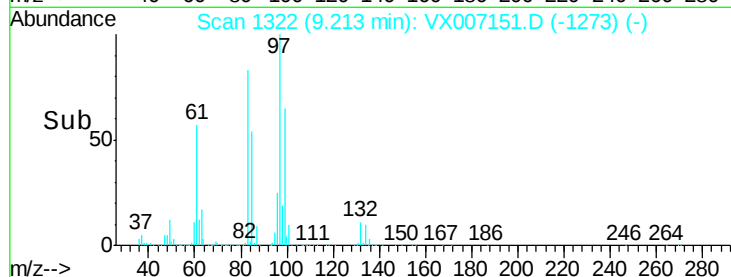
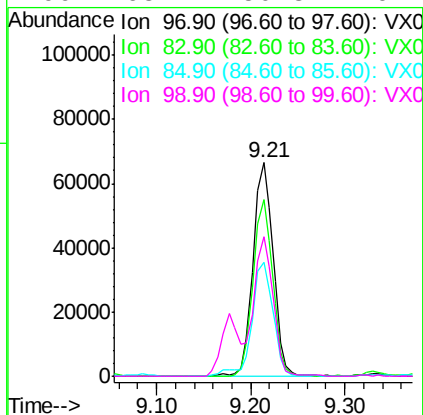
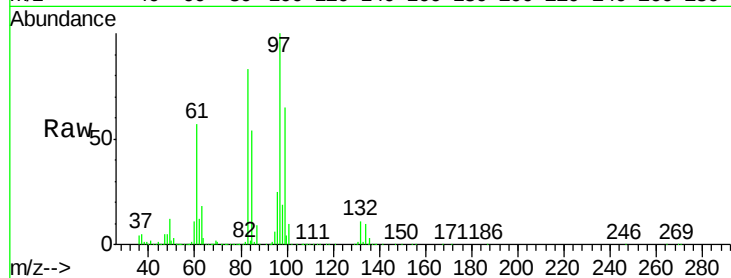




#55
 1,1,2-Trichloroethane
 Concen: 20.765 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

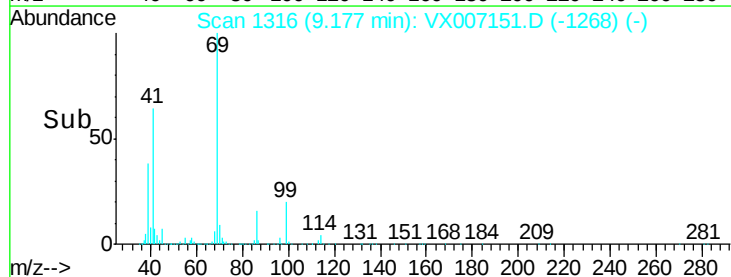
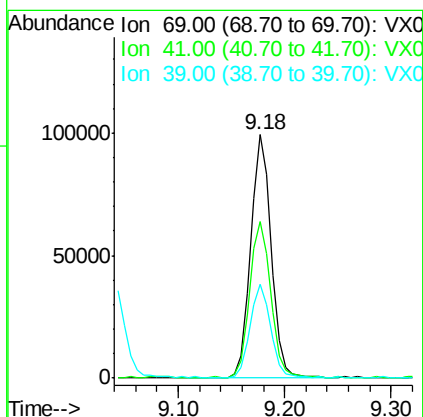
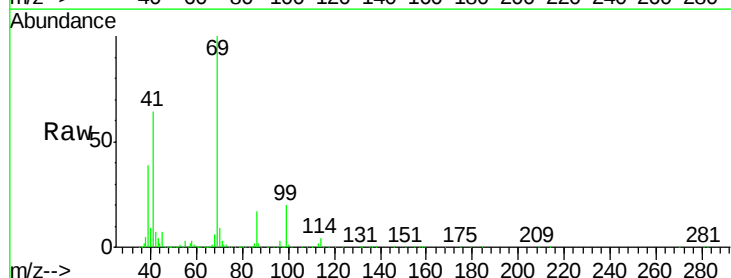
Instrument :
 MSVOA_X
 ClientSampled :
 VX0121WBS01

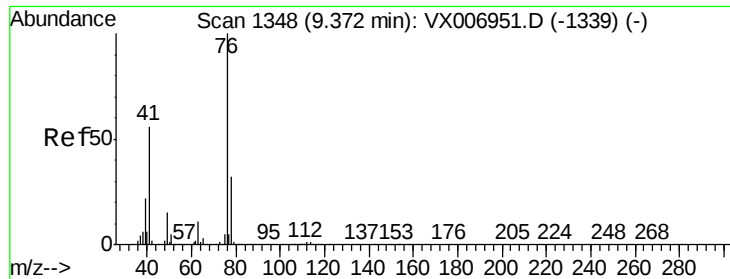
Tot Ion:	97	Resp:	99147
Ion	Ratio	Lower	Upper
97	100		
83	82.3	66.6	99.8
85	53.5	42.7	64.1
99	65.1	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 19.343 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

Tgt Ion:	69	Resp:	134829
Ion	Ratio	Lower	Upper
69	100		
41	66.6	48.7	73.1
39	38.2	27.0	40.6

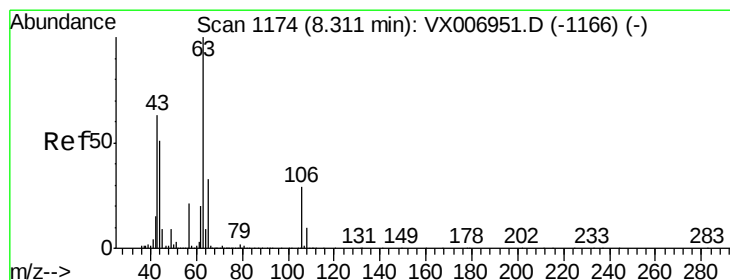
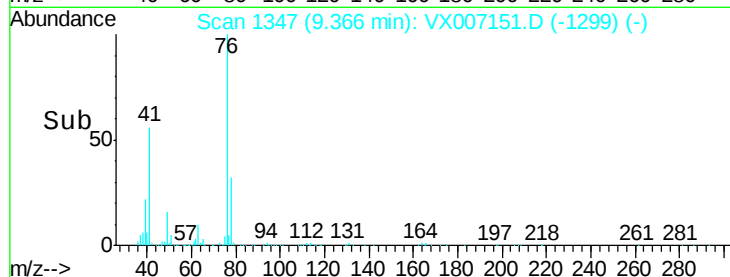
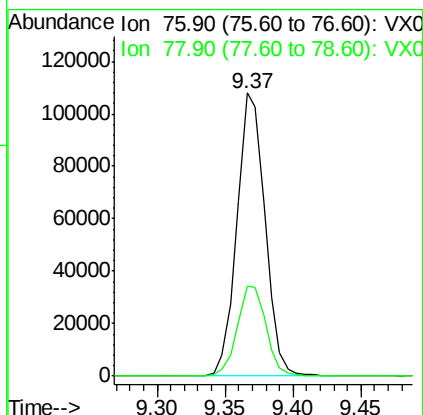
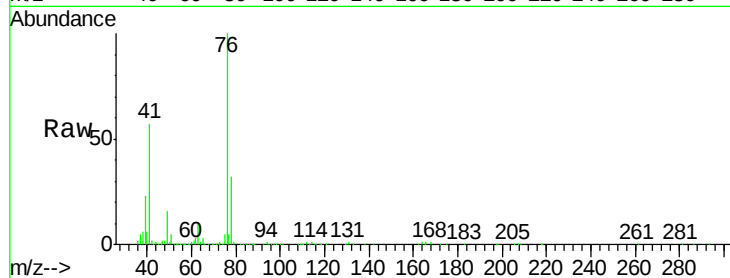




#57
 1,3-Dichloropropane
 Concen: 19.869 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

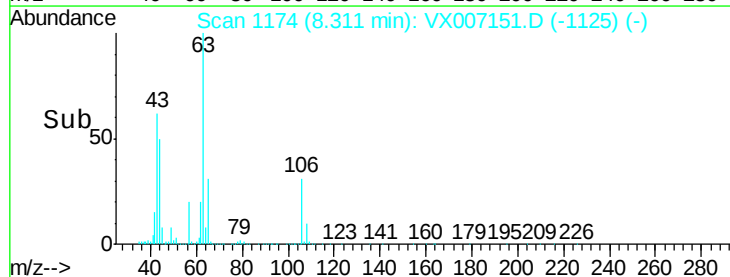
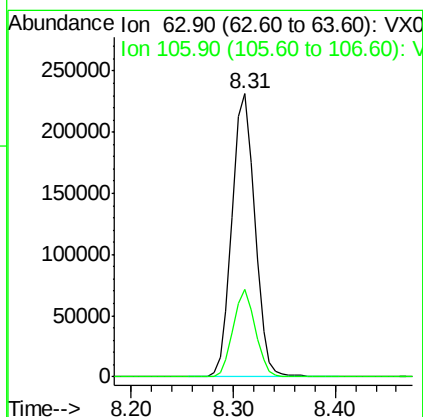
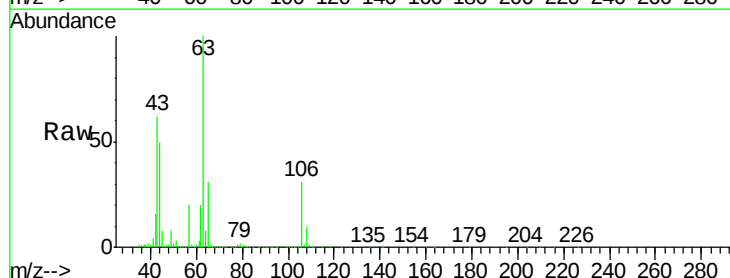
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBS01

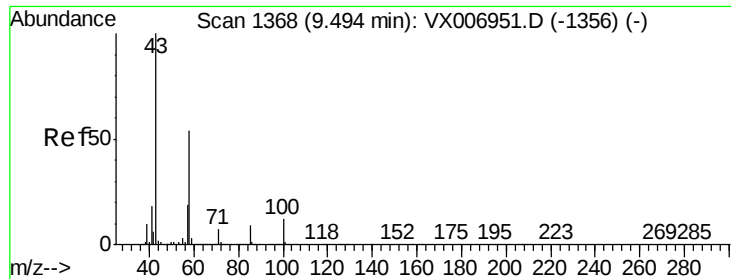
Tot Ion: 76 Resp: 155421
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.729 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

Tgt Ion: 63 Resp: 357422
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.6 36.8

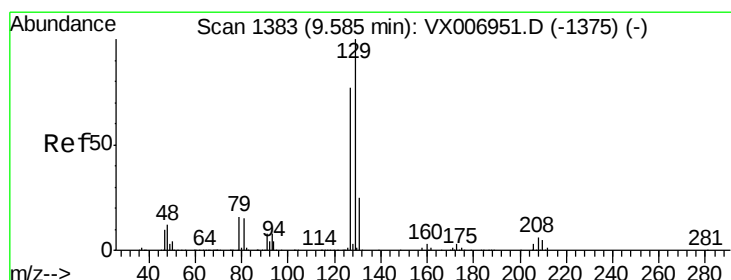
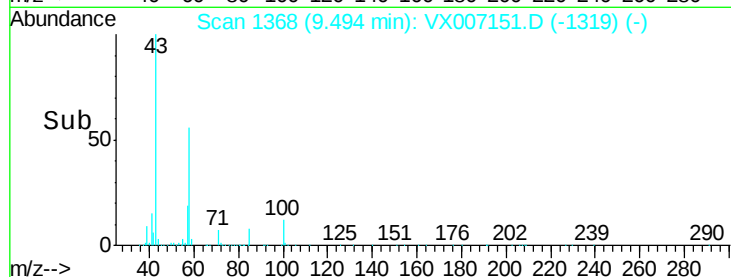
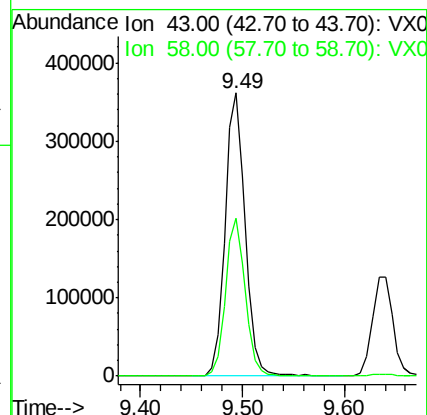
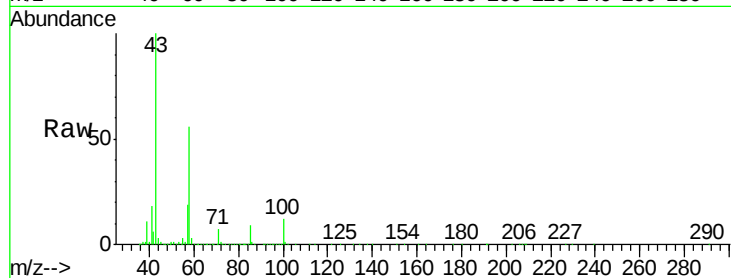




#59
2-Hexanone
Concen: 98.006 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

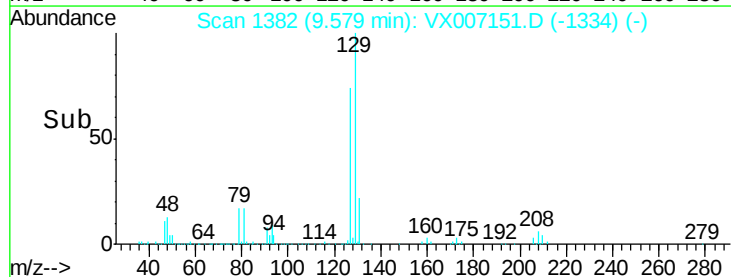
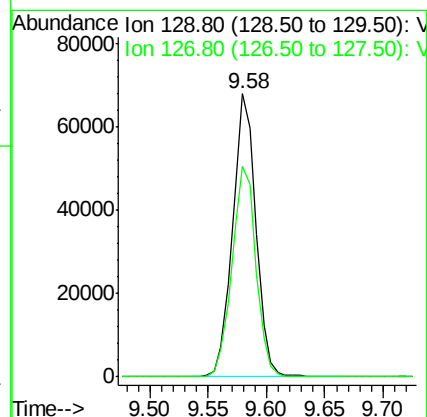
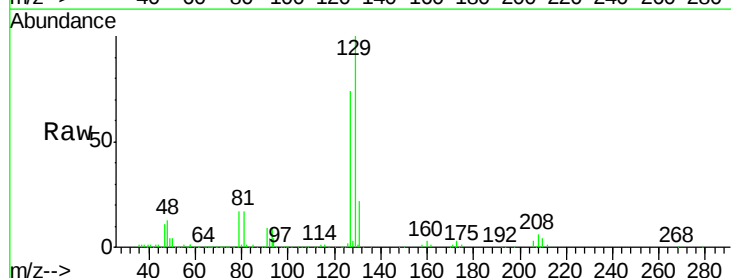
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBS01

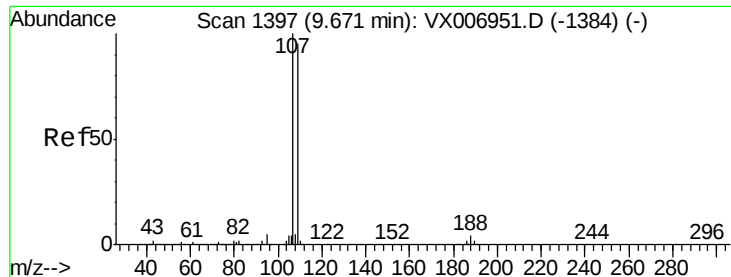
Tot Ion: 43 Resp: 493715
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 20.382 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Tgt Ion: 129 Resp: 94499
Ion Ratio Lower Upper
129 100
127 76.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 19.525 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

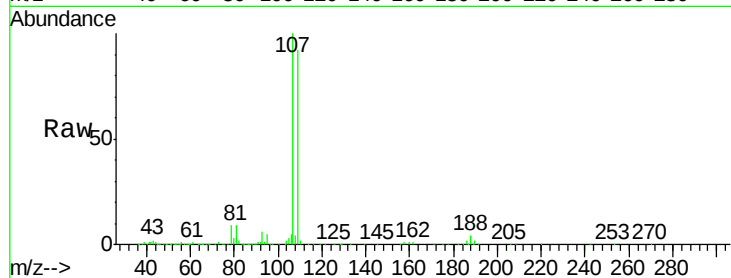
VX0121WBS01

Tot Ion:107 Resp: 102632

Ion Ratio Lower Upper

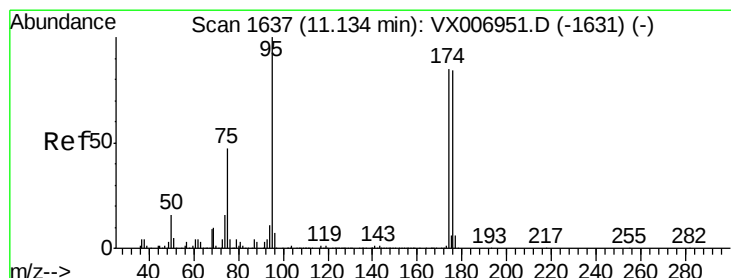
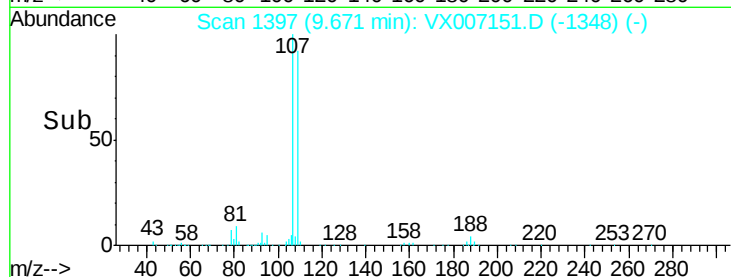
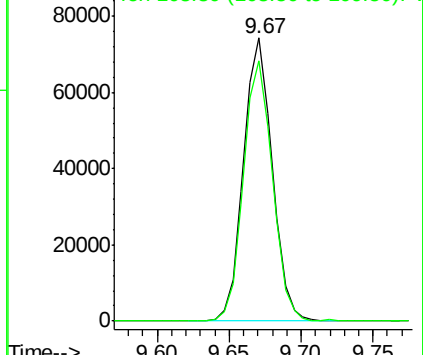
107 100

109 92.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.317 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

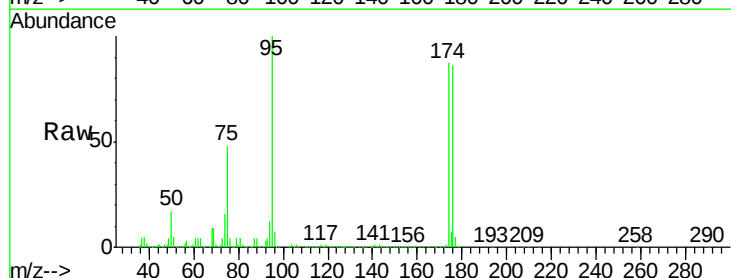
Tgt Ion: 95 Resp: 304826

Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.2

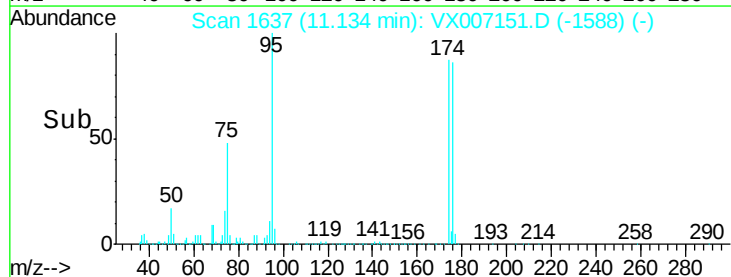
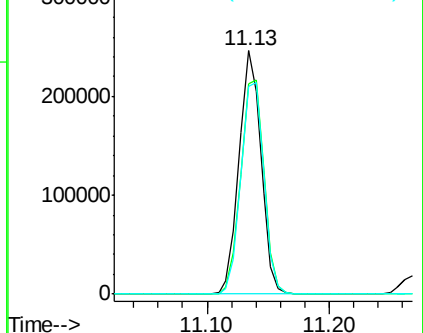
176 91.7 0.0 178.8

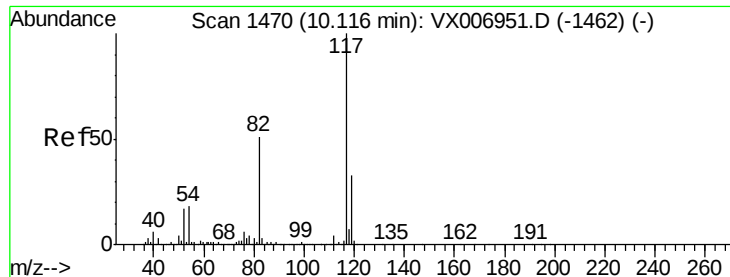


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

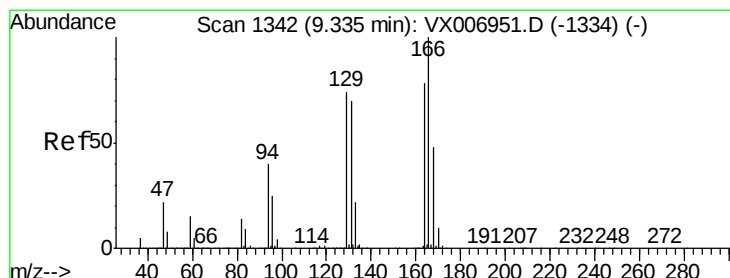
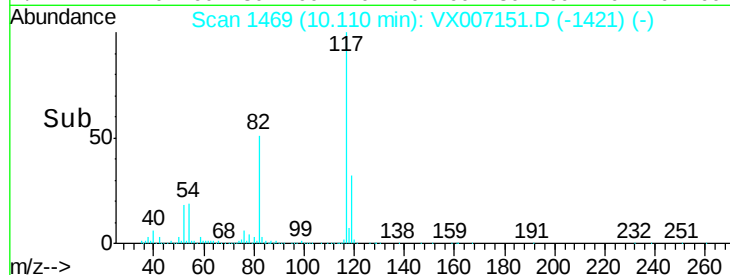
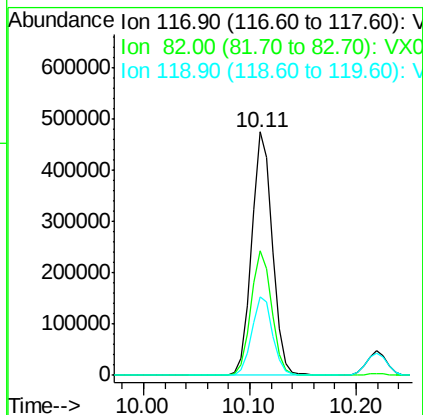
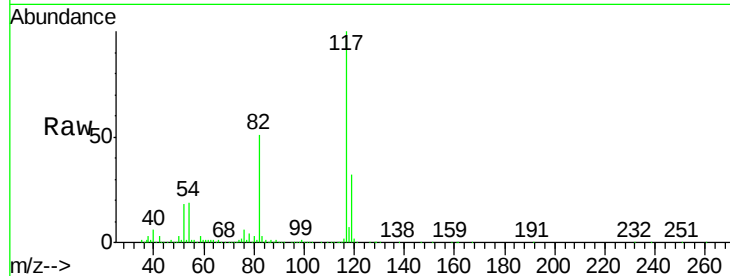




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

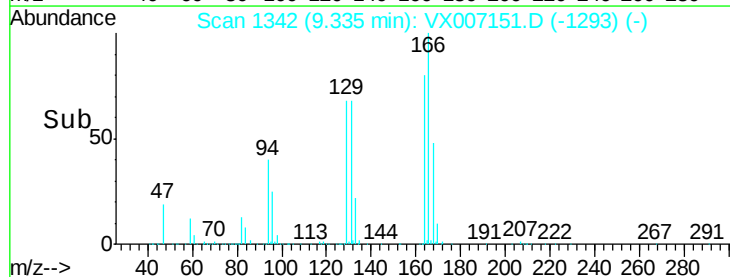
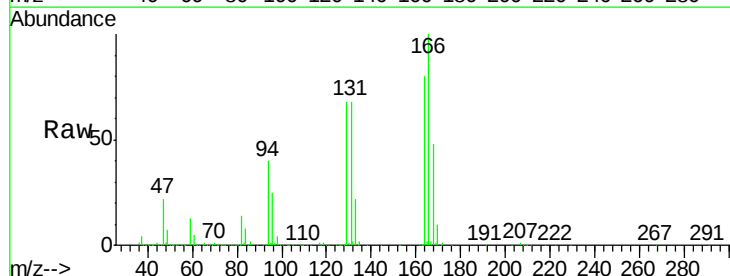
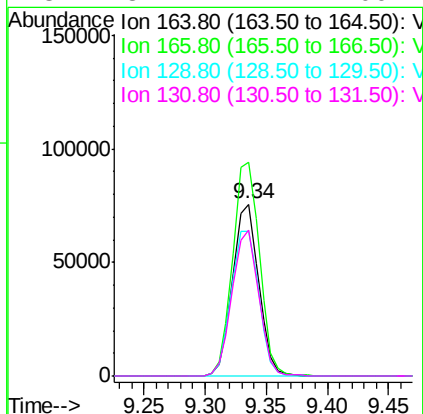
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBS01

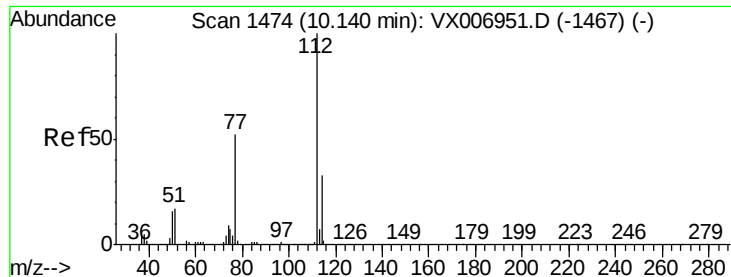
Tot Ion:117 Resp: 646215
Ion Ratio Lower Upper
117 100
82 51.4 41.0 61.6
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 19.981 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Tgt Ion:164 Resp: 111790
Ion Ratio Lower Upper
164 100
166 124.3 102.5 153.7
129 84.5 75.1 112.7
131 84.7 72.7 109.1





#65

Chlorobenzene

Concen: 19.499 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

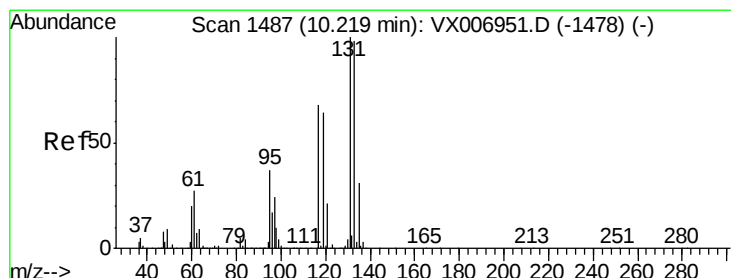
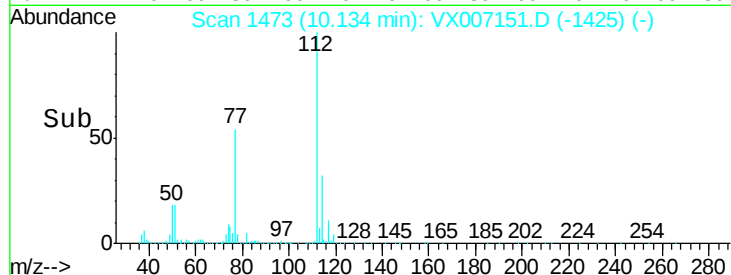
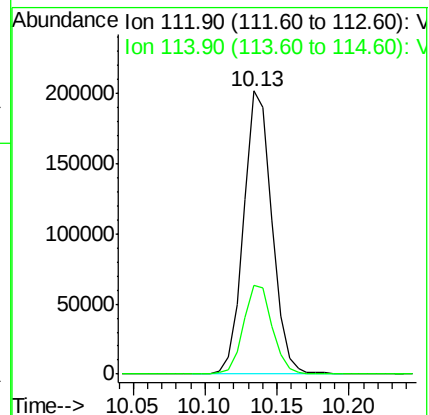
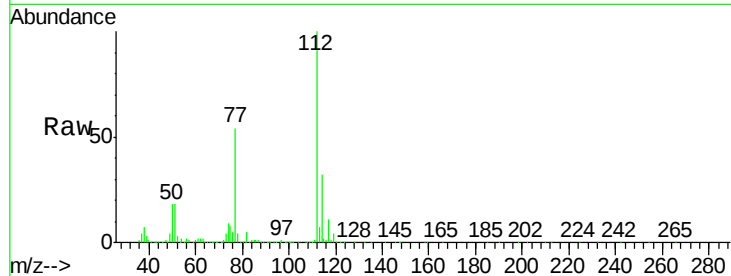
VX0121WBS01

Tot Ion:112 Resp: 274826

Ion Ratio Lower Upper

112 100

114 31.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.171 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

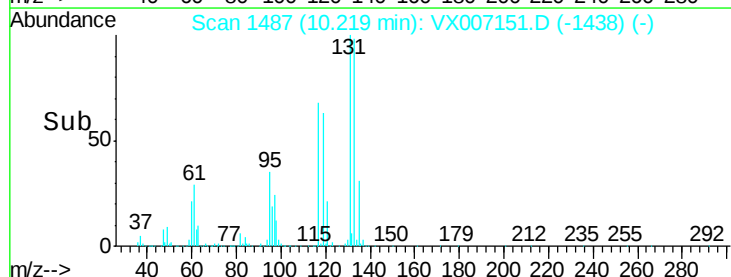
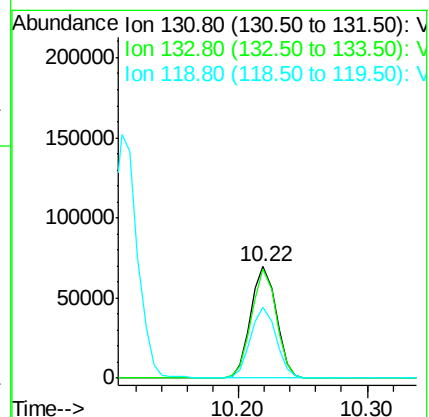
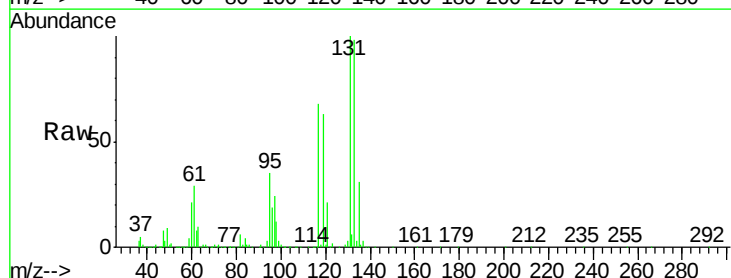
Tgt Ion:131 Resp: 95636

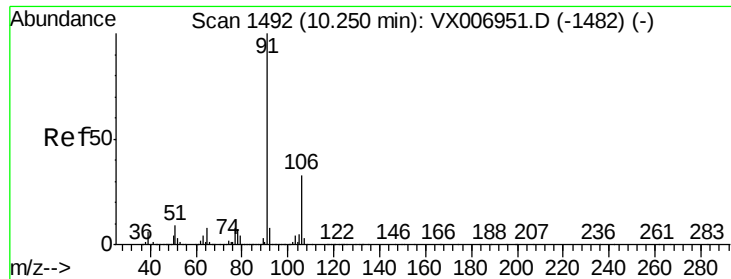
Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

119 63.4 32.6 97.8





#67

Ethyl Benzene

Concen: 19.293 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

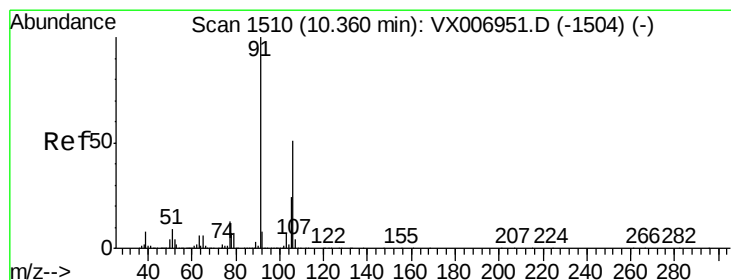
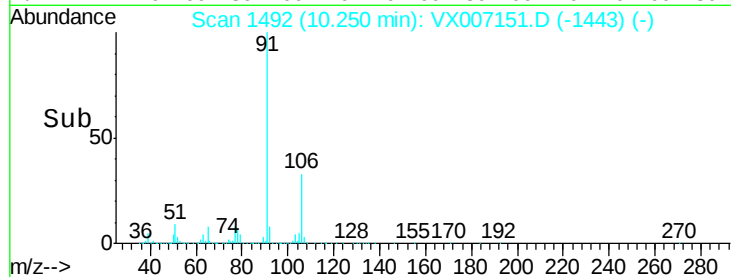
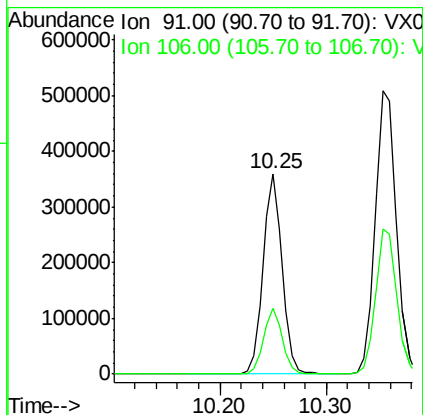
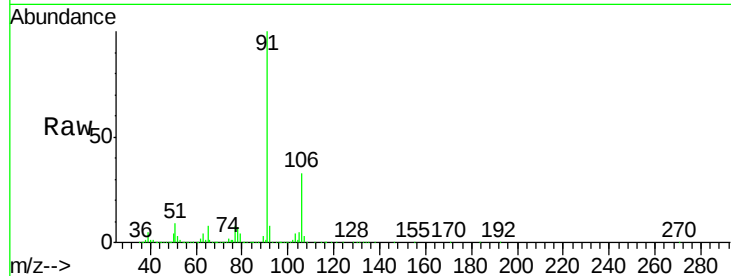
VX0121WBS01

Tot Ion: 91 Resp: 448913

Ion Ratio Lower Upper

91 100

106 32.5 26.4 39.6



#68

m/p-Xylenes

Concen: 39.349 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX007151.D

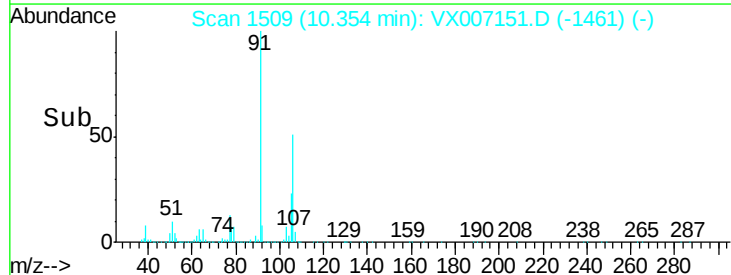
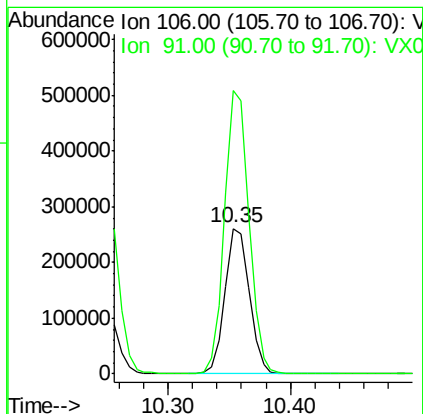
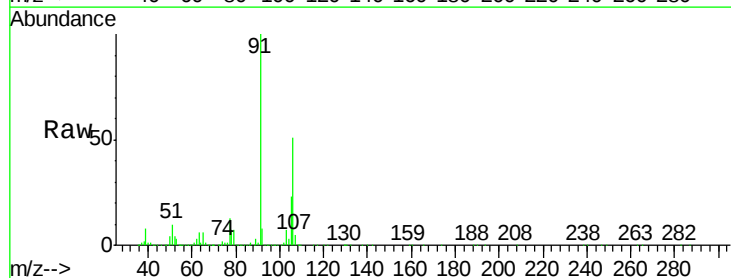
Acq: 21 Jan 2019 11:50

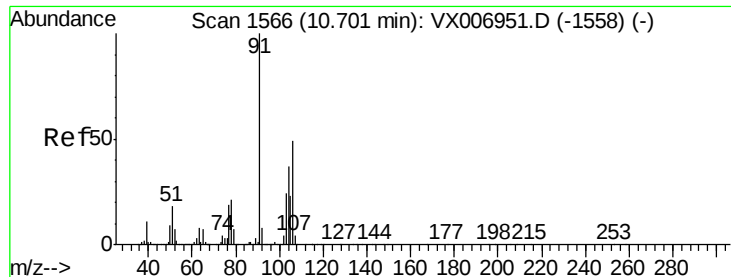
Tgt Ion: 106 Resp: 360721

Ion Ratio Lower Upper

106 100

91 194.5 155.8 233.6

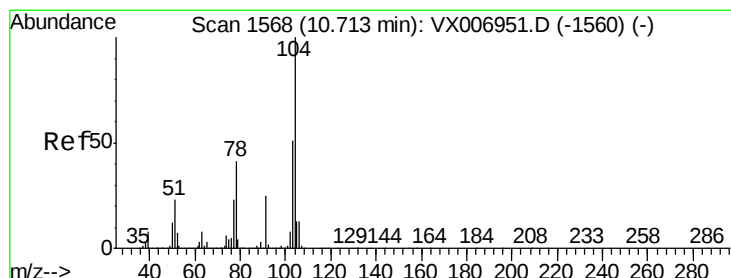
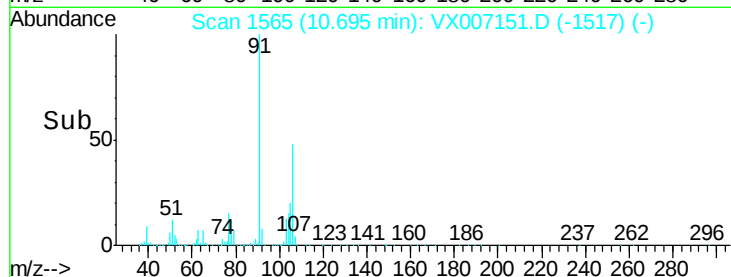
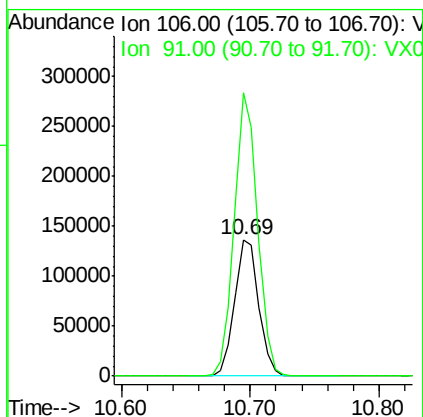
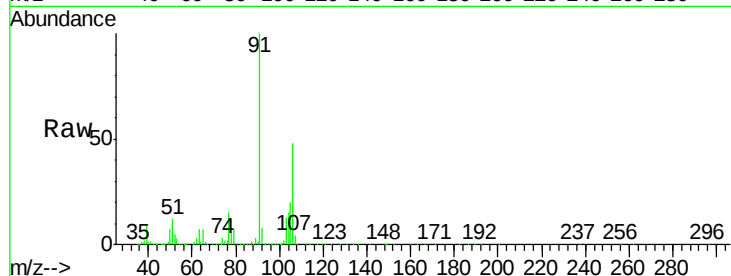




#69
o-Xylene
Concen: 20.030 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

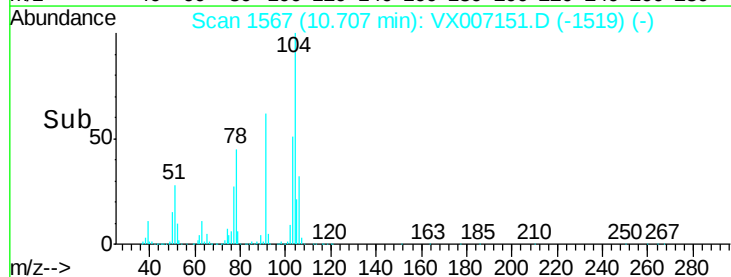
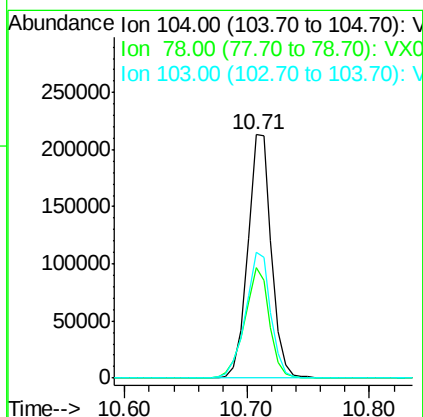
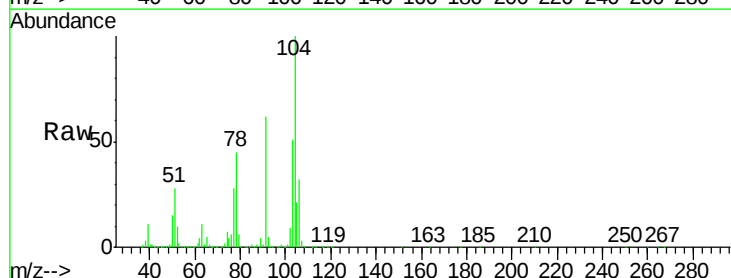
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBS01

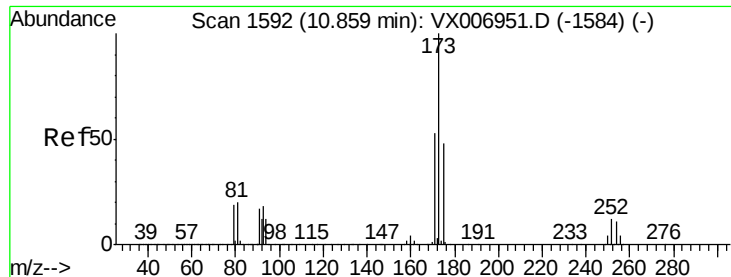
Tot Ion:106 Resp: 179077
Ion Ratio Lower Upper
106 100
91 201.3 101.3 303.7



#70
Styrene
Concen: 20.206 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Tgt Ion:104 Resp: 286103
Ion Ratio Lower Upper
104 100
78 47.5 37.7 56.5
103 55.4 43.8 65.8





#71

Bromoform

Concen: 19.338 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

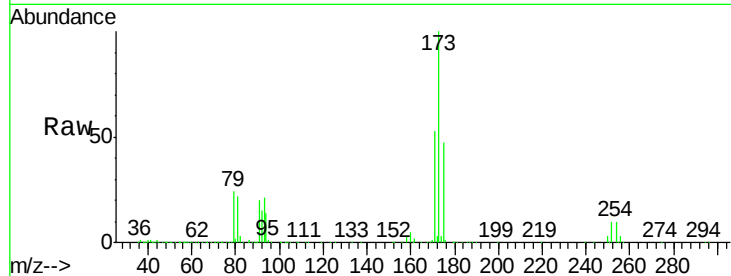
Tot Ion:173 Resp: 68448

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

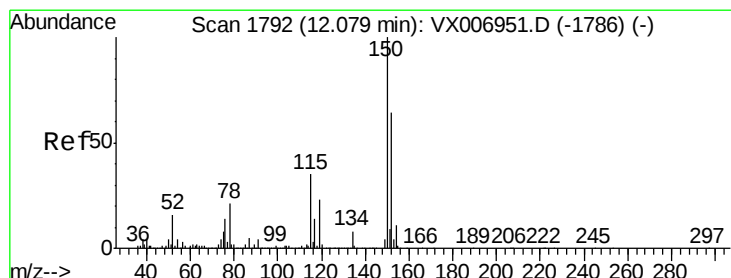
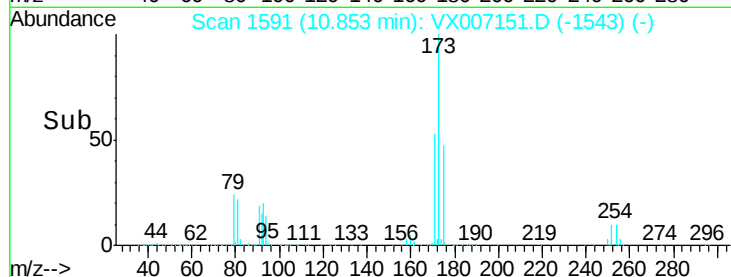
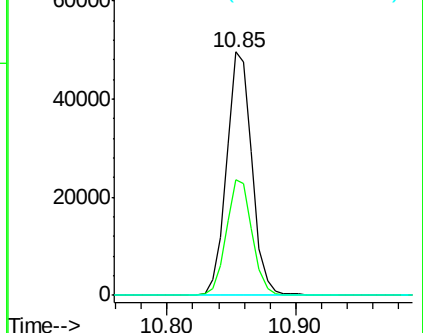
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

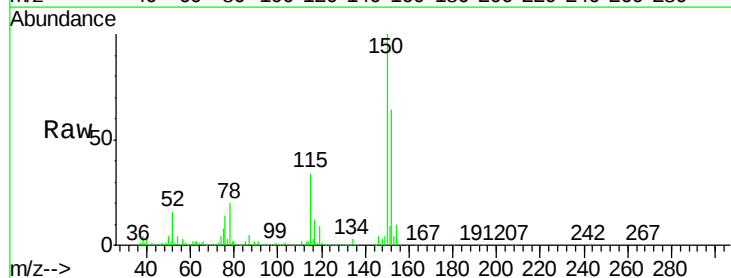
Tgt Ion:152 Resp: 360280

Ion Ratio Lower Upper

152 100

115 63.3 39.1 117.2

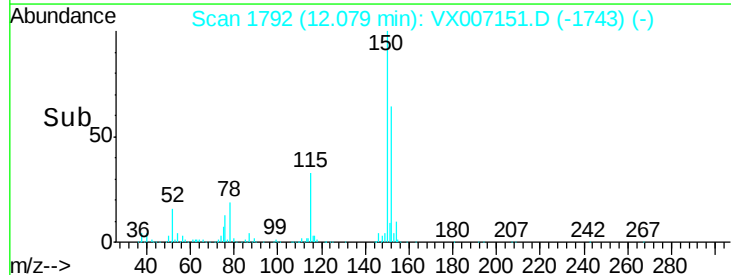
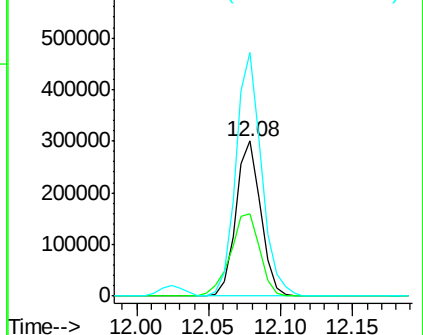
150 162.2 0.0 344.8

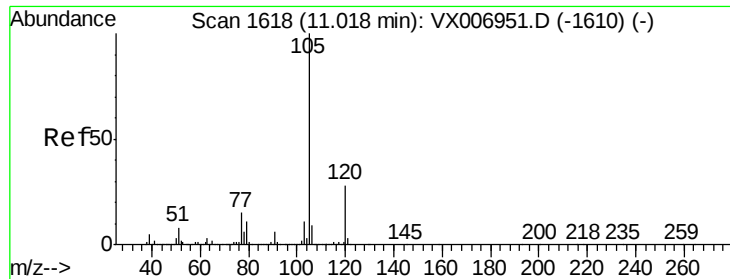


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.658 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

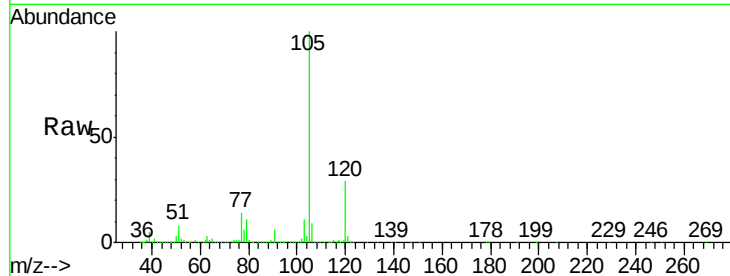
VX0121WBS01

Tot Ion:105 Resp: 474012

Ion Ratio Lower Upper

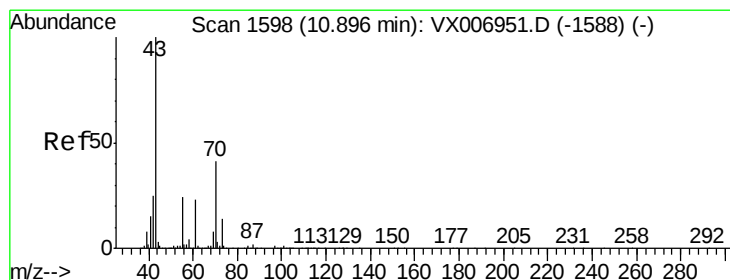
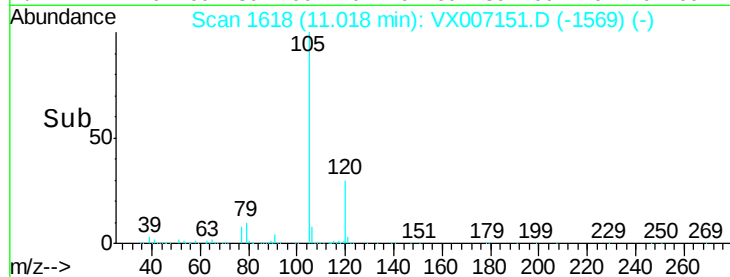
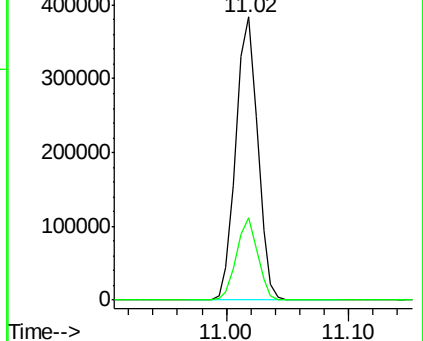
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.038 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Tgt Ion: 43 Resp: 174271

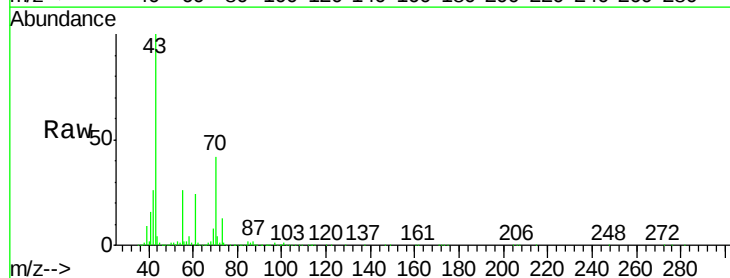
Ion Ratio Lower Upper

43 100

70 42.8 35.8 53.8

55 25.7 19.4 29.0

61 24.5 20.1 30.1

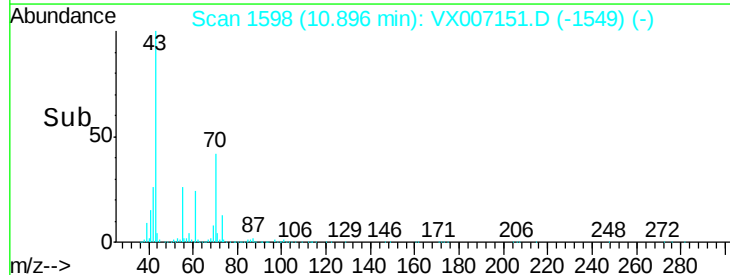
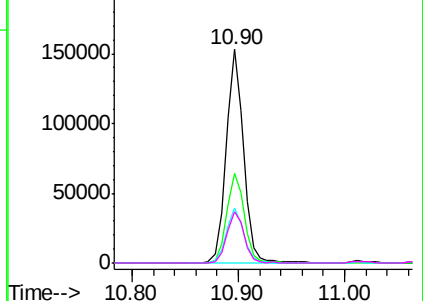


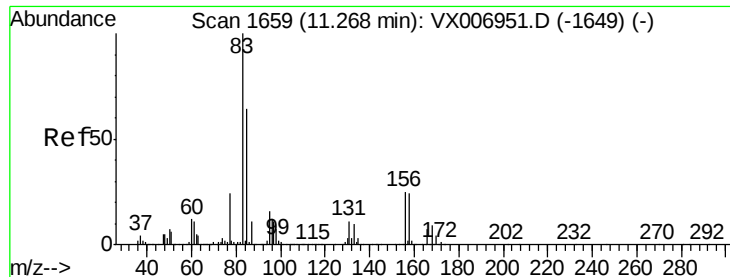
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.631 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0121WBS01

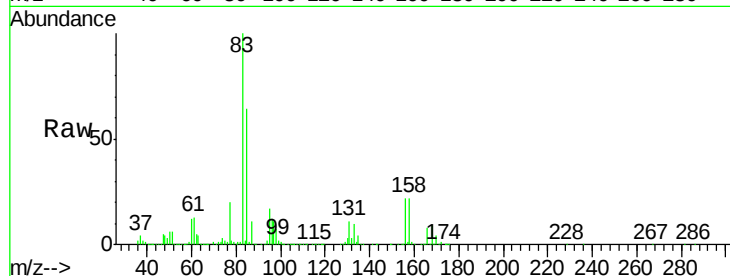
Tot Ion: 83 Resp: 142199

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

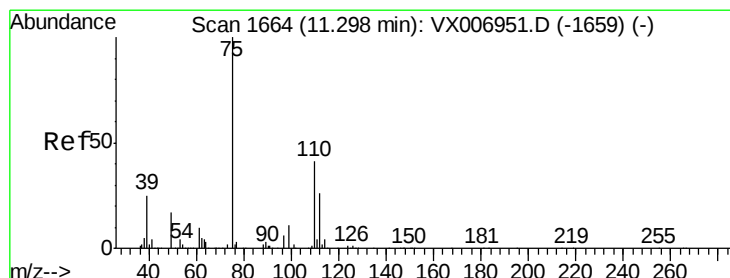
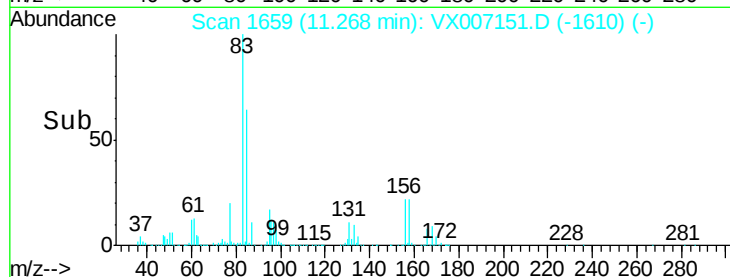
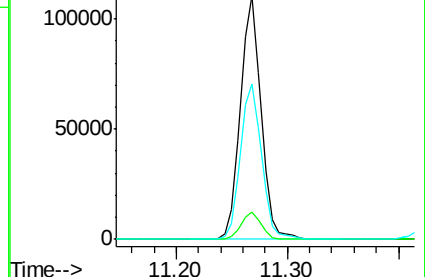
85 65.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.479 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007151.D

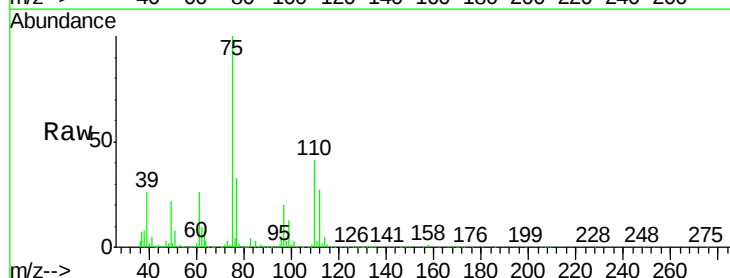
Acq: 21 Jan 2019 11:50

Tgt Ion: 75 Resp: 156813

Ion Ratio Lower Upper

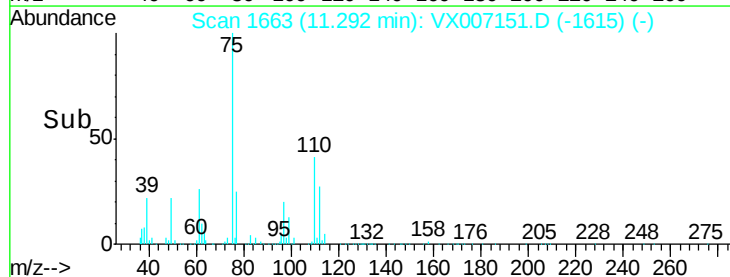
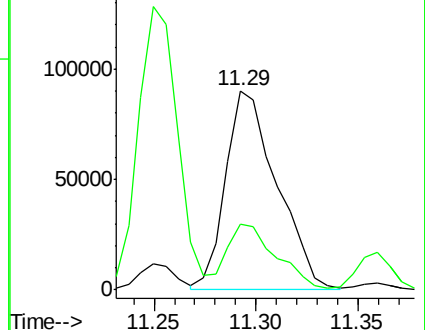
75 100

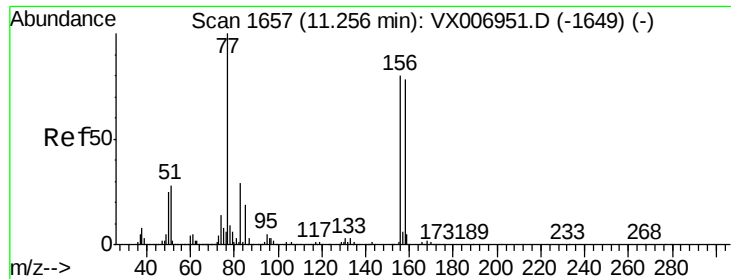
77 32.2 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.566 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

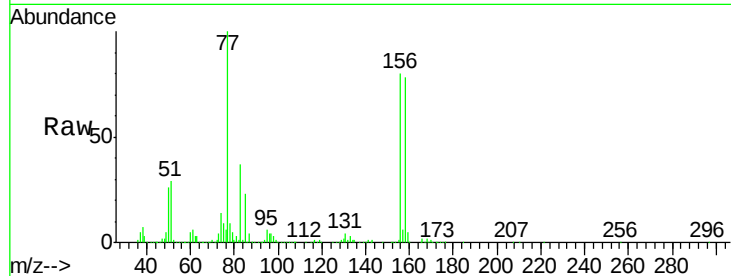
Tot Ion:156 Resp: 129960

Ion Ratio Lower Upper

156 100

77 131.5 68.0 204.0

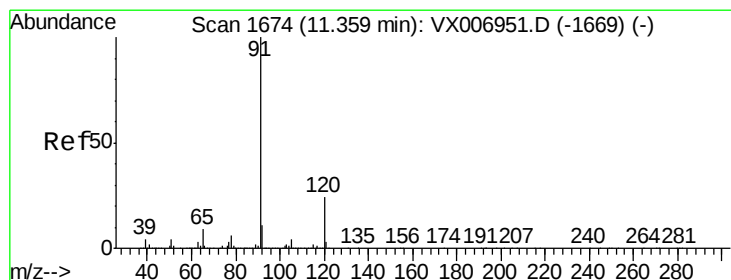
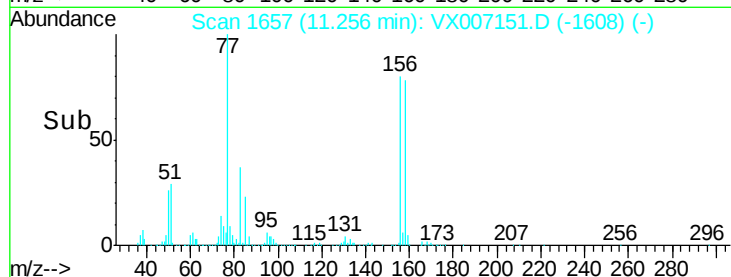
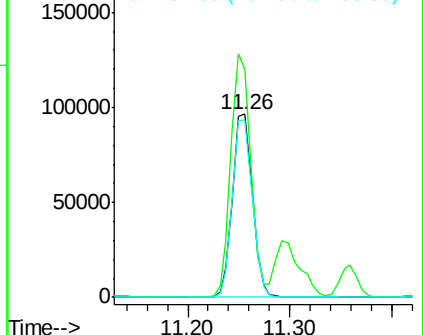
158 97.7 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.243 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007151.D

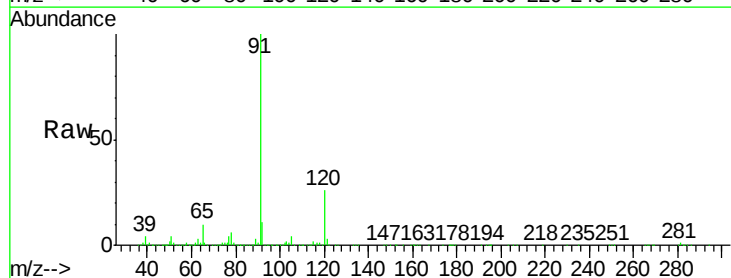
Acq: 21 Jan 2019 11:50

Tgt Ion: 91 Resp: 536665

Ion Ratio Lower Upper

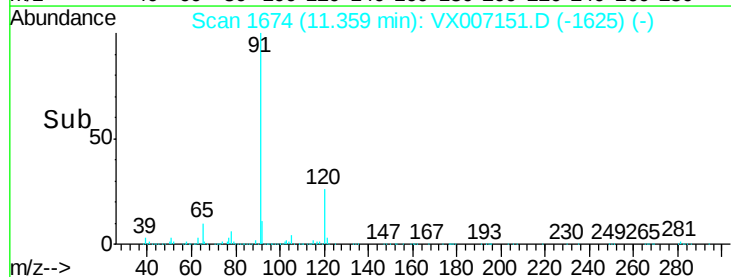
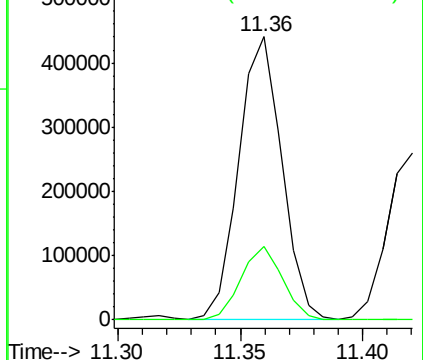
91 100

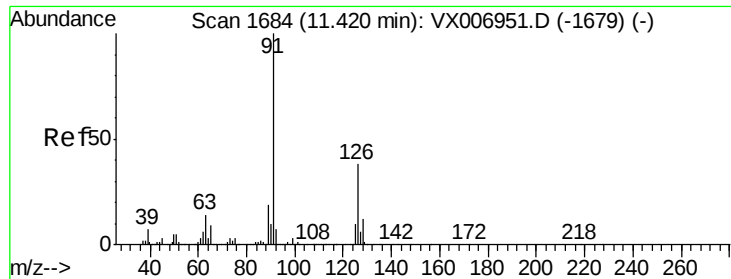
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

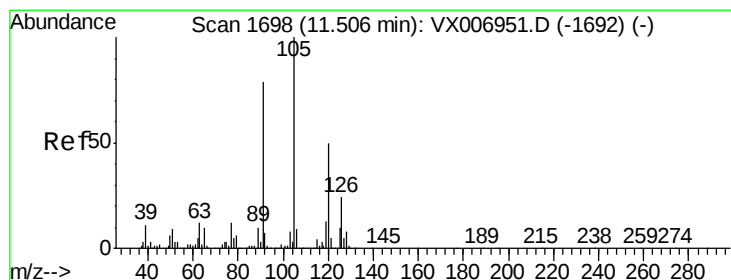
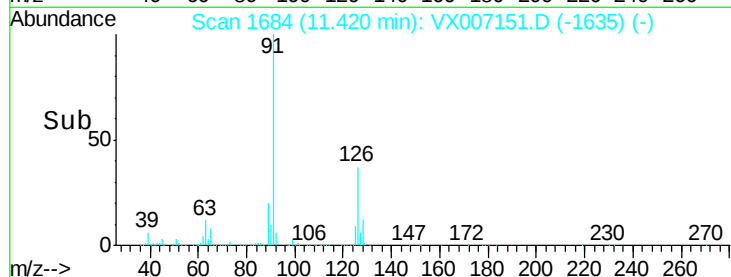
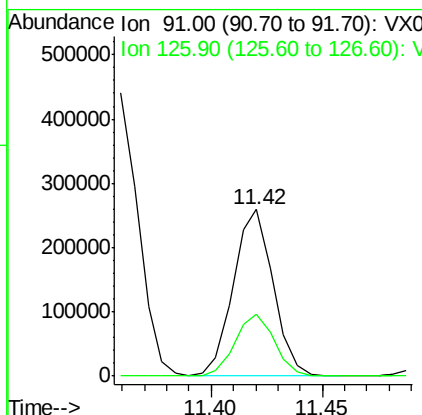
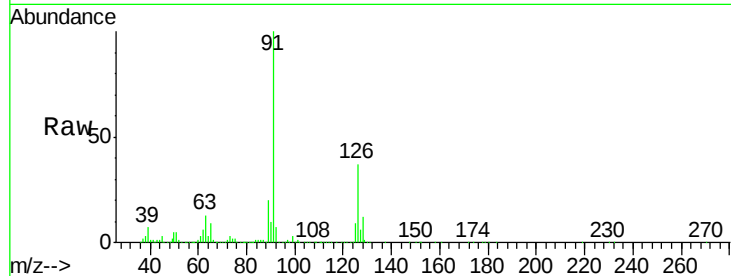




#79
 2-Chlorotoluene
 Concen: 19.091 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

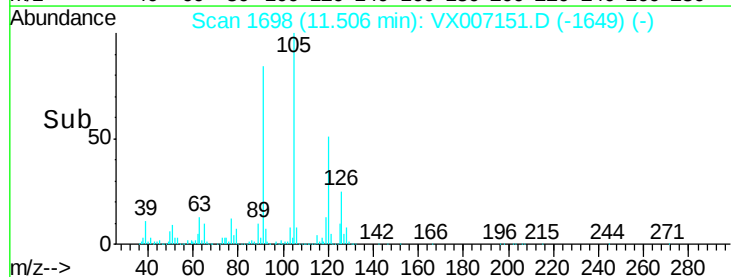
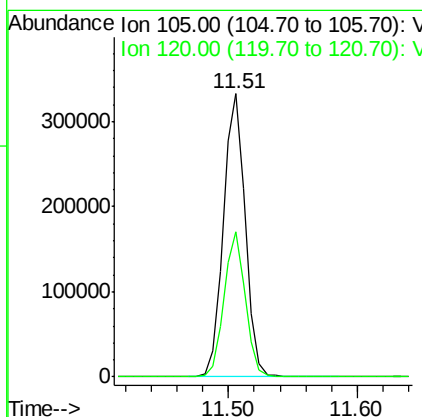
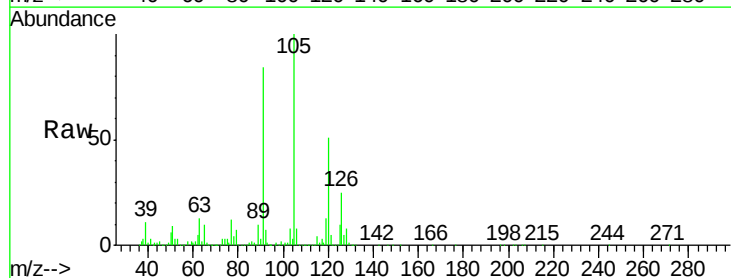
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBS01

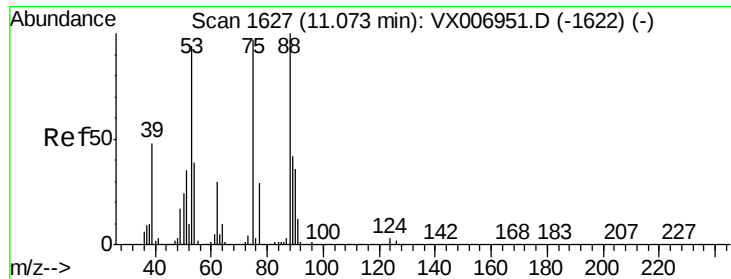
Tot Ion: 91 Resp: 320504
 Ion Ratio Lower Upper
 91 100
 126 37.3 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 18.728 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

Tgt Ion: 105 Resp: 397548
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.802 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

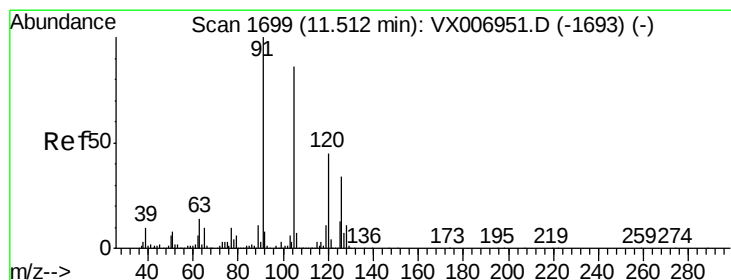
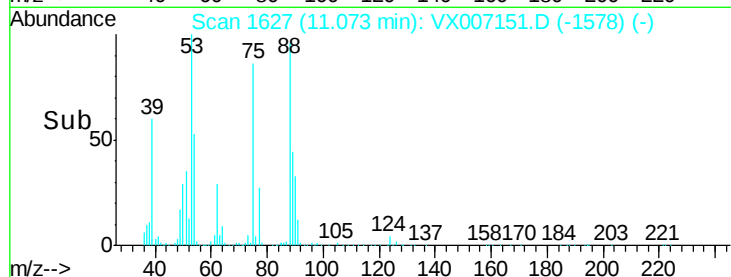
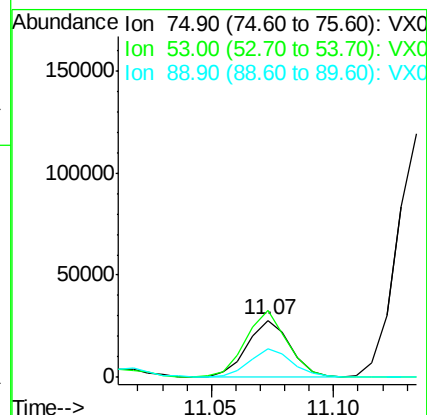
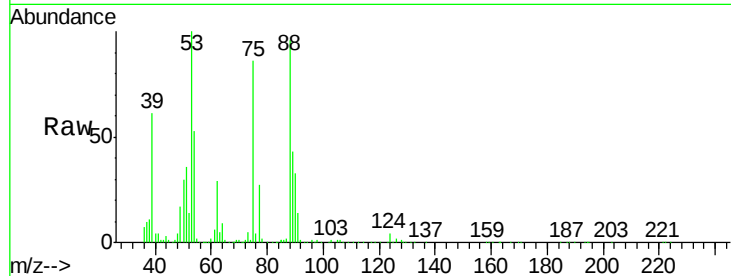
Tot Ion: 75 Resp: 34076

Ion Ratio Lower Upper

75 100

53 112.2 79.7 119.5

89 52.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.075 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007151.D

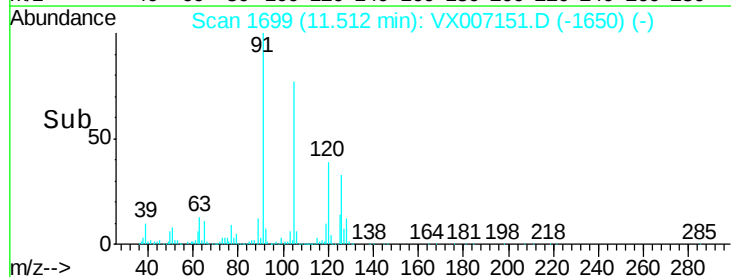
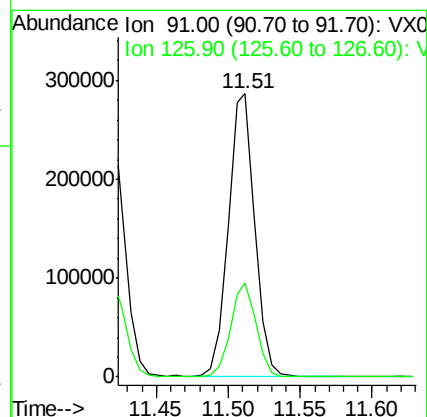
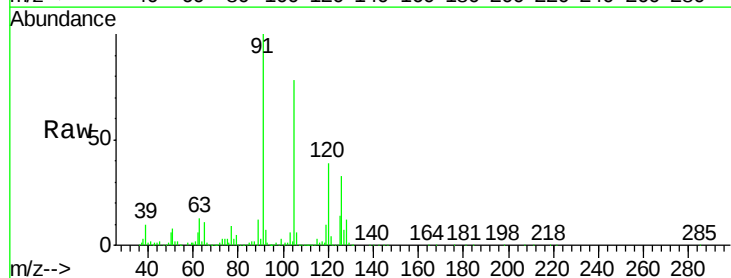
Acq: 21 Jan 2019 11:50

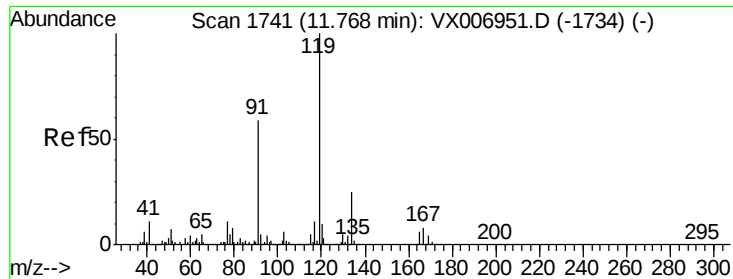
Tgt Ion: 91 Resp: 370773

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.9





#83

tert-Butylbenzene

Concen: 18.390 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

VX0121WBS01

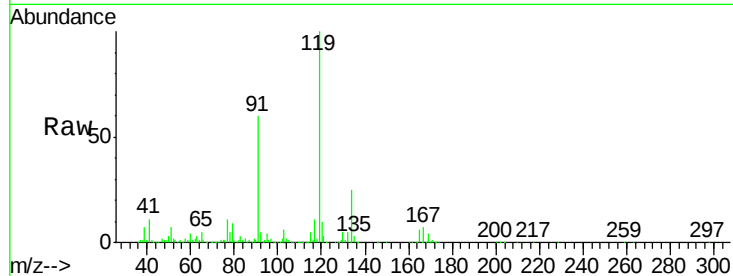
Tot Ion:119 Resp: 389483

Ion Ratio Lower Upper

119 100

91 56.9 27.7 83.1

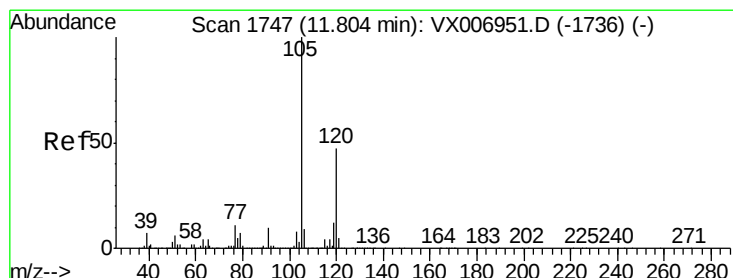
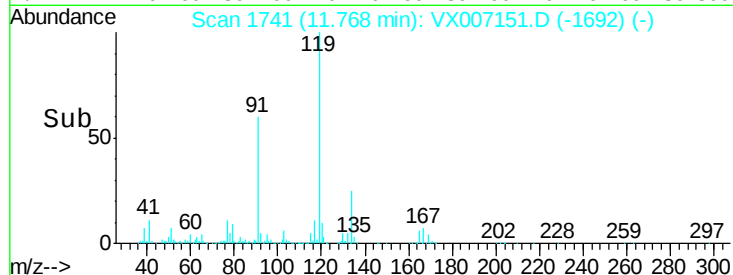
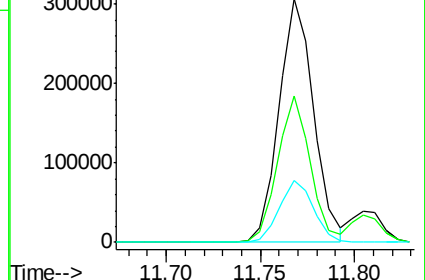
134 25.1 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.078 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007151.D

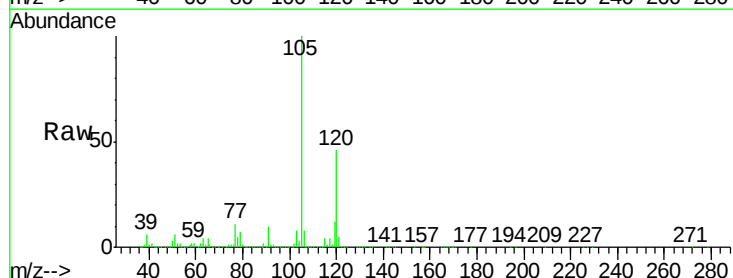
Acq: 21 Jan 2019 11:50

Tgt Ion:105 Resp: 407253

Ion Ratio Lower Upper

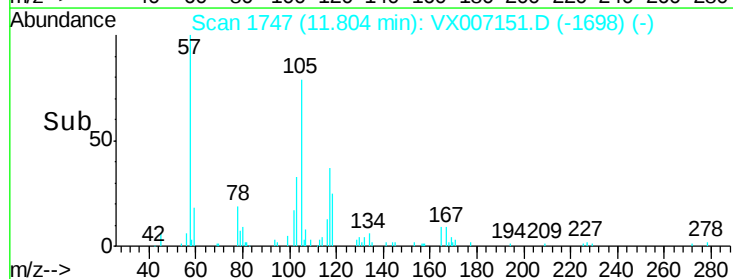
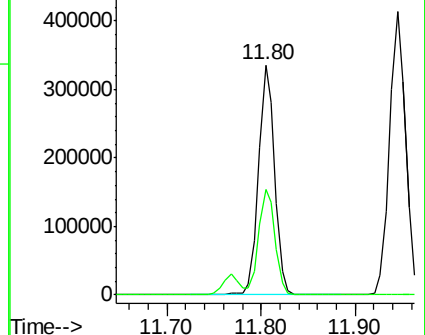
105 100

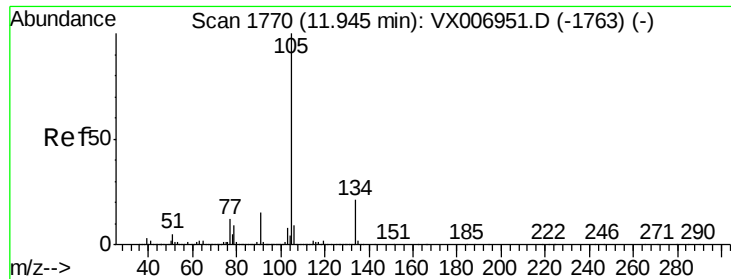
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.341 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

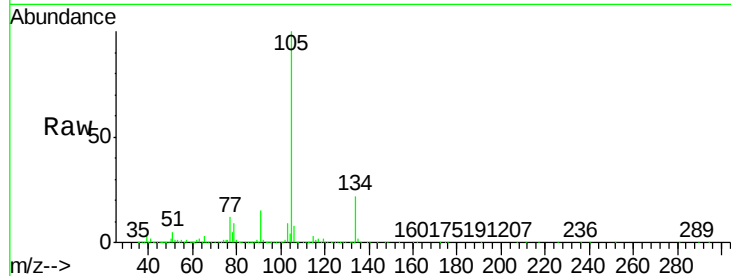
VX0121WBS01

Tot Ion:105 Resp: 489210

Ion Ratio Lower Upper

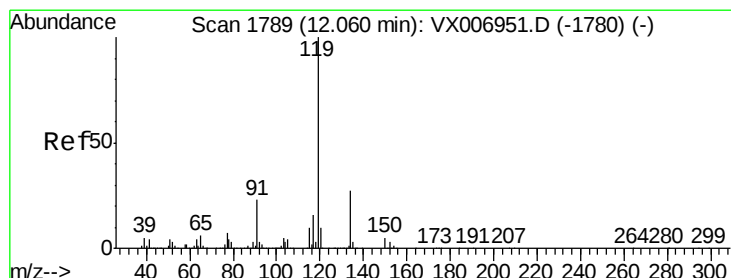
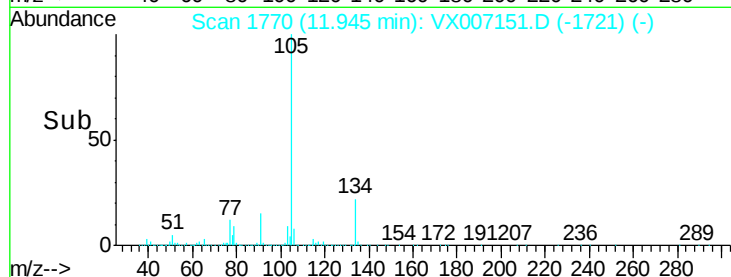
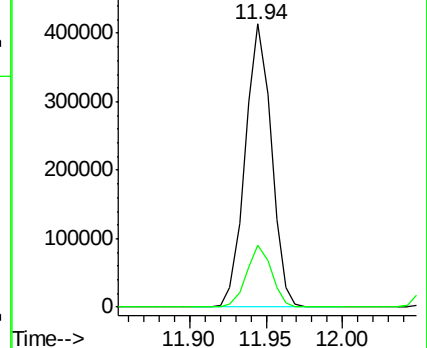
105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.447 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

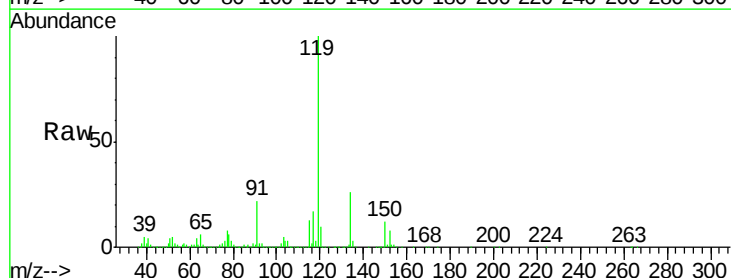
Tgt Ion:119 Resp: 439978

Ion Ratio Lower Upper

119 100

134 27.0 14.0 41.9

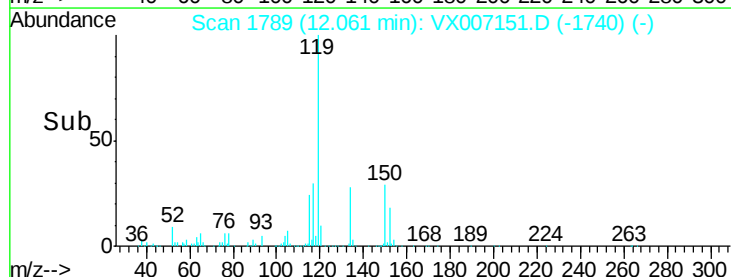
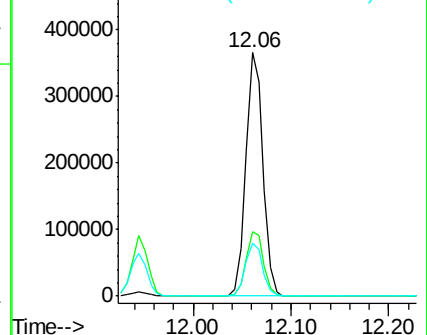
91 22.2 11.3 33.9

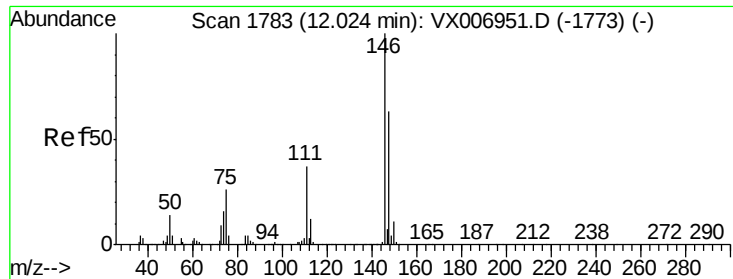


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.639 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

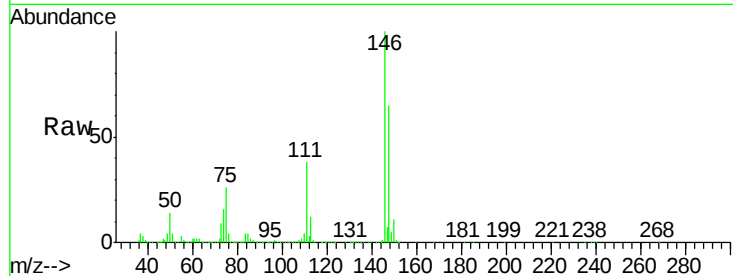
Tot Ion:146 Resp: 235830

Ion Ratio Lower Upper

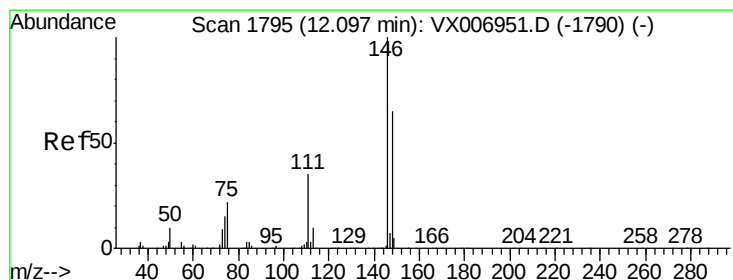
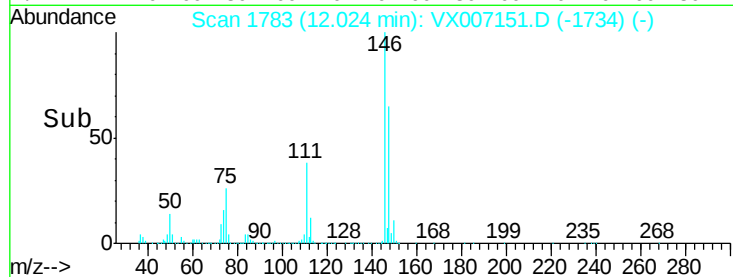
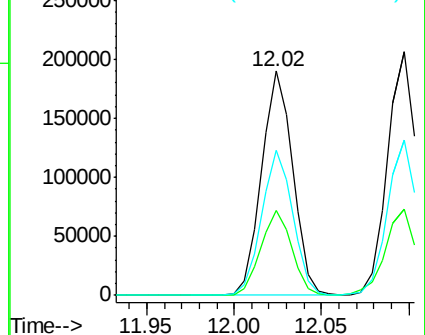
146 100

111 37.7 18.6 55.8

148 64.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.345 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

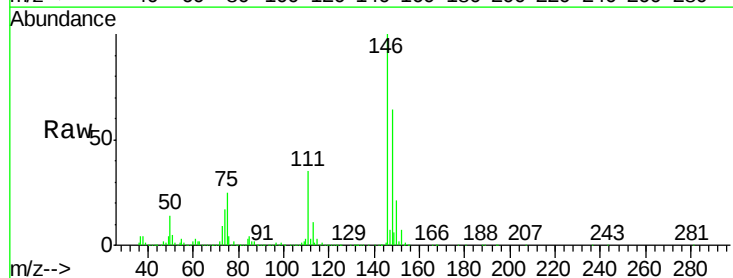
Tgt Ion:146 Resp: 242855

Ion Ratio Lower Upper

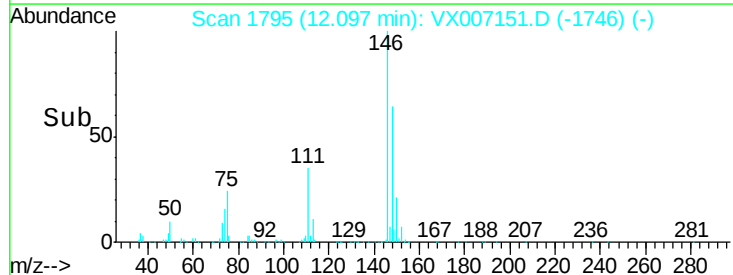
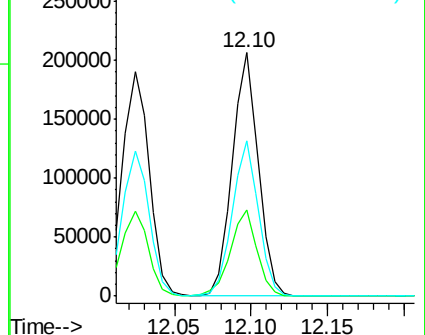
146 100

111 36.3 18.1 54.1

148 64.3 31.9 95.9



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

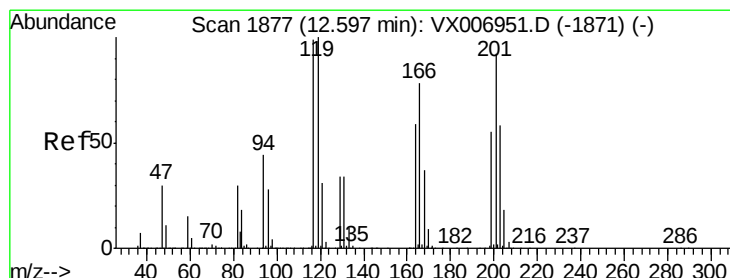
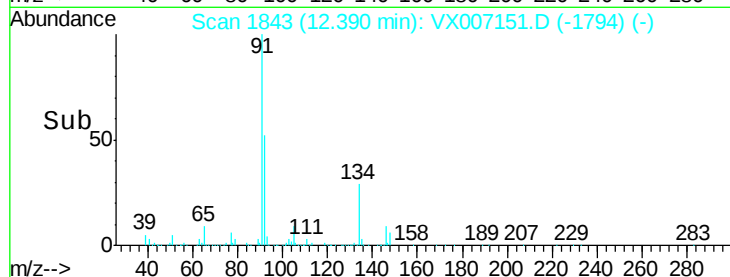
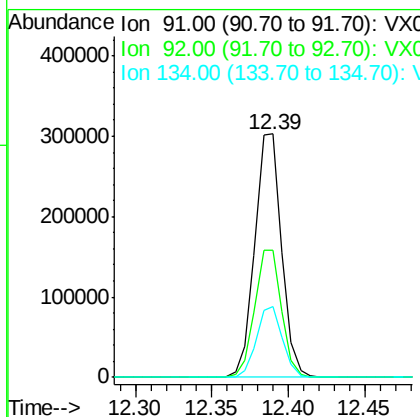
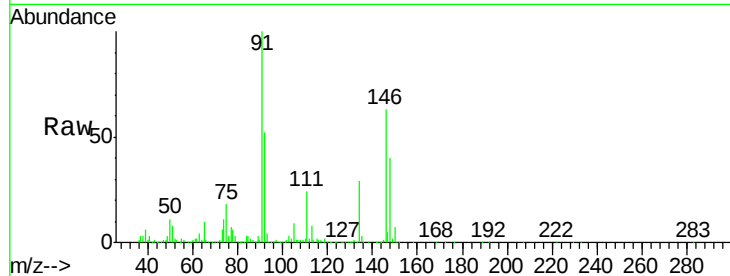




#89
n-Butylbenzene
Concen: 19.211 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

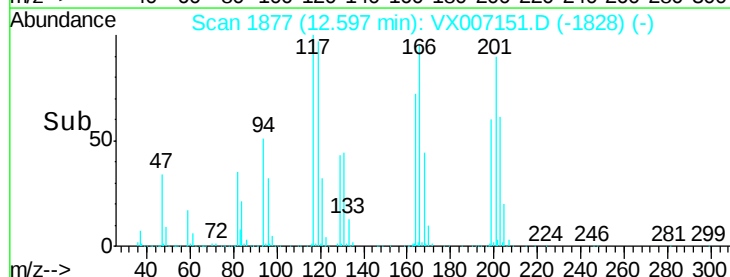
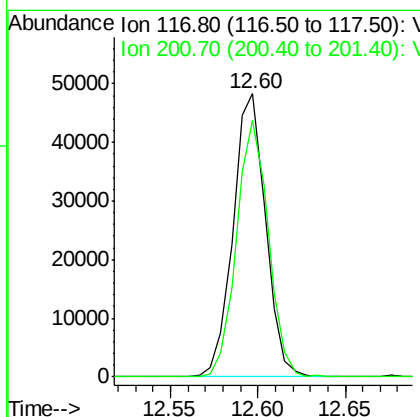
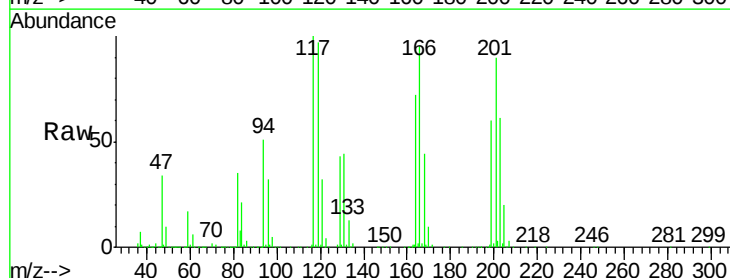
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBS01

Tot Ion: 91 Resp: 370514
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.4
134 28.5 14.4 43.2



#90
Hexachloroethane
Concen: 19.185 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Tgt Ion: 117 Resp: 62419
Ion Ratio Lower Upper
117 100
201 88.5 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.008 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBS01

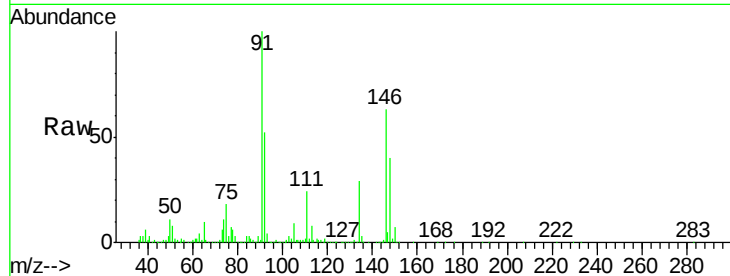
Tot Ion:146 Resp: 237328

Ion Ratio Lower Upper

146 100

111 37.1 19.4 58.2

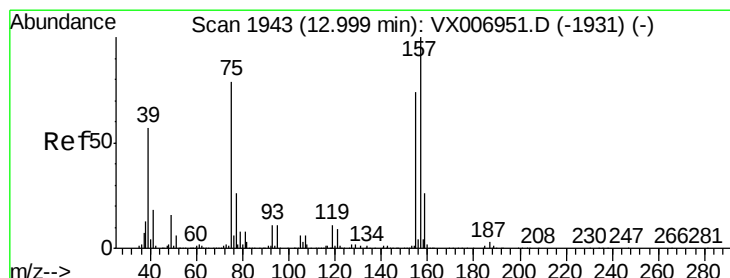
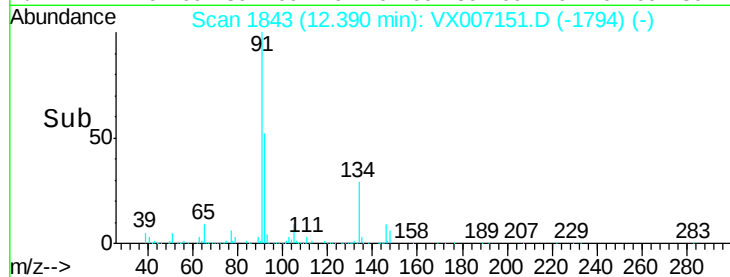
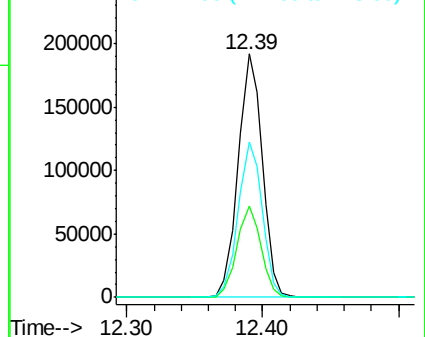
148 63.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.692 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007151.D

Acq: 21 Jan 2019 11:50

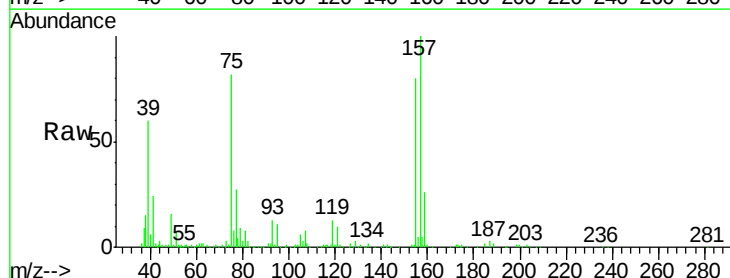
Tgt Ion: 75 Resp: 28221

Ion Ratio Lower Upper

75 100

155 98.4 50.6 151.8

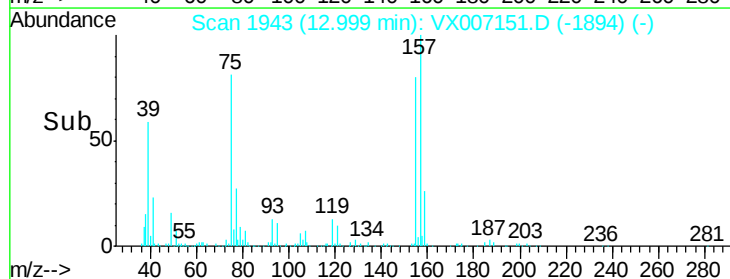
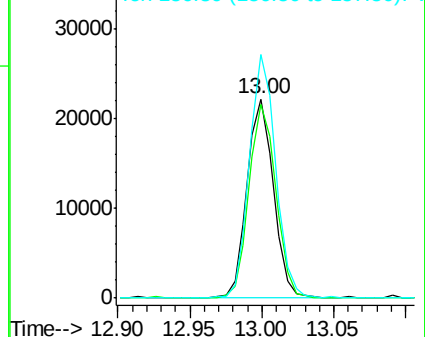
157 120.9 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

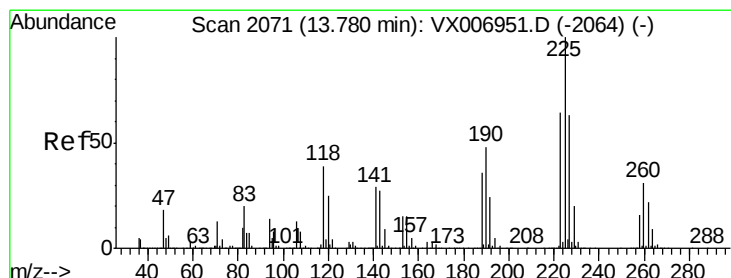
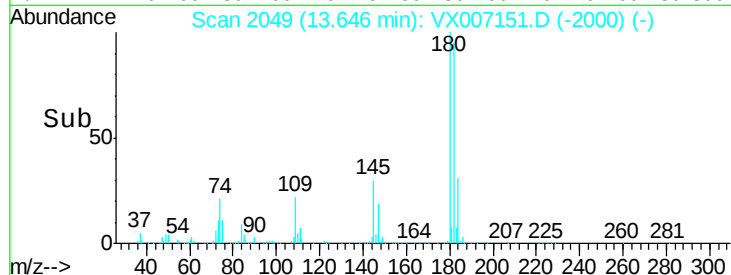
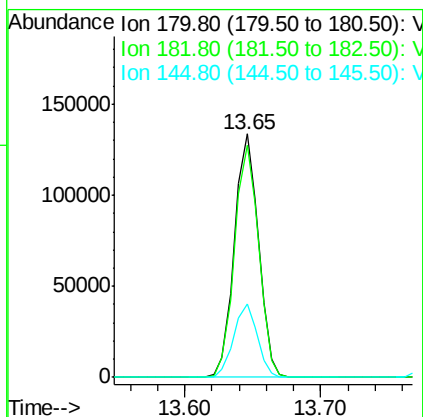
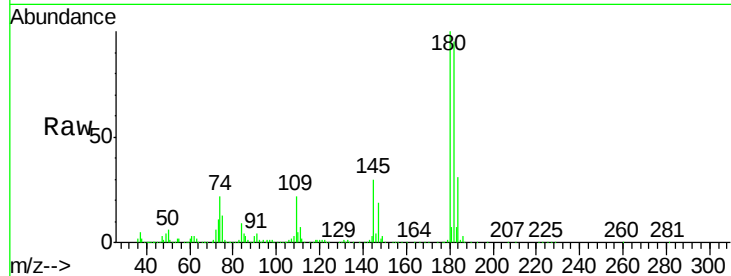




#93
 1,2,4-Trichlorobenzene
 Concen: 19.230 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

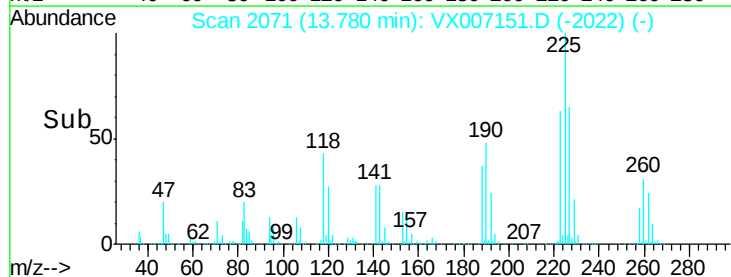
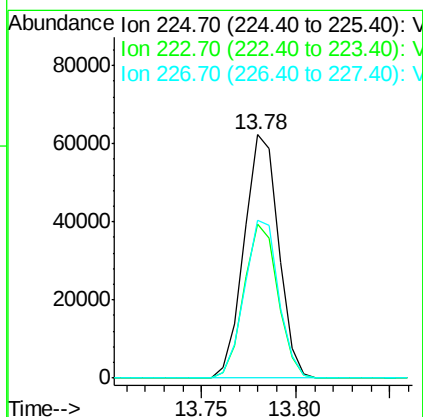
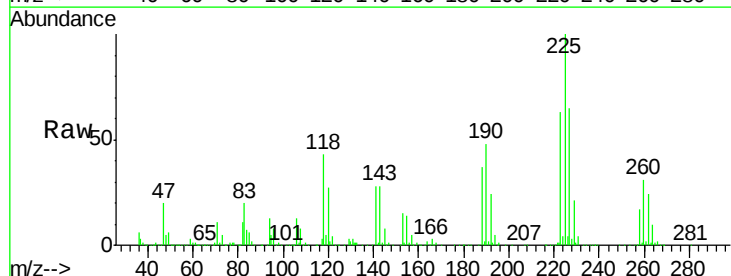
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBS01

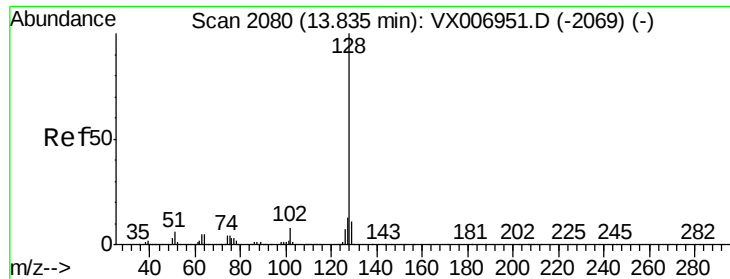
Tot Ion:180 Resp: 164734
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 142.0
 145 29.7 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 20.816 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007151.D
 Acq: 21 Jan 2019 11:50

Tgt Ion:225 Resp: 79129
 Ion Ratio Lower Upper
 225 100
 223 62.4 32.1 96.3
 227 64.3 32.3 96.8

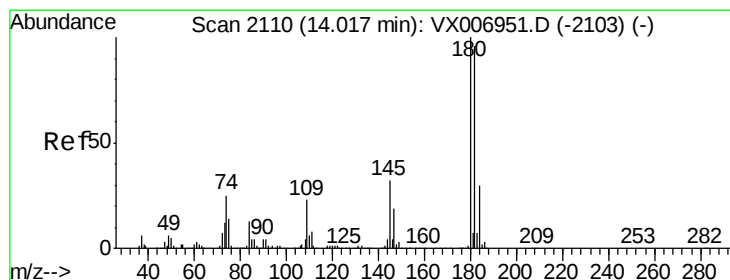
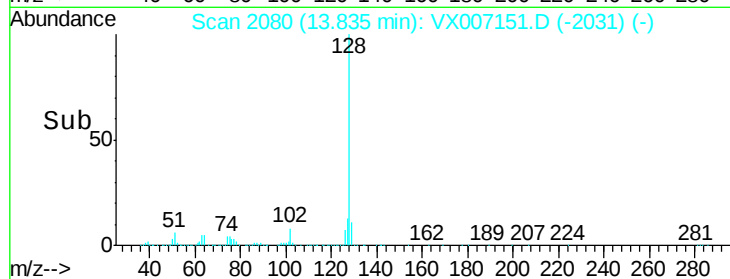
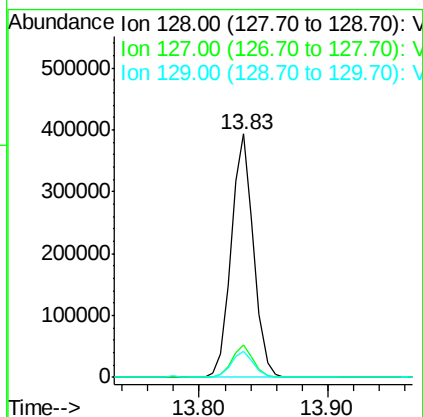
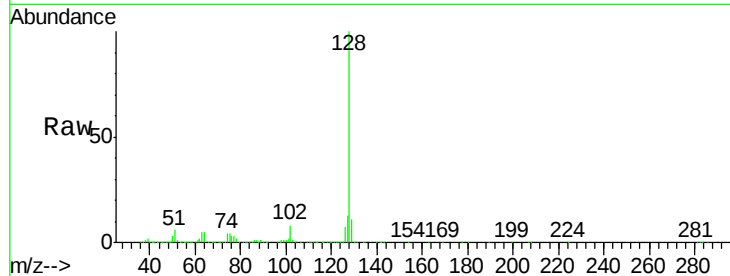




#95
Naphthalene
Concen: 18.283 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Instrument :
MSVOA_X
ClientSampled :
VX0121WBS01

Tot Ion:128 Resp: 474597
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.214 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007151.D
Acq: 21 Jan 2019 11:50

Tgt Ion:180 Resp: 163502
Ion Ratio Lower Upper
180 100
182 96.1 48.5 145.5
145 30.2 16.0 47.9

