

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022119\
 Data File : VX007626.D
 Acq On : 21 Feb 2019 13:09
 Operator : JC/SP
 Sample : VX0221WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Quant Time: Feb 22 04:30:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	432874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	648881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	573948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	291348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	221533	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
35) Dibromofluoromethane	5.51	113	209929	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
50) Toluene-d8	8.71	98	731417	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	11.13	95	255538	44.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84742	16.052	ug/l	95
3) Chloromethane	1.33	50	75434	15.471	ug/l	99
4) Vinyl Chloride	1.41	62	82597	17.268	ug/l	99
5) Bromomethane	1.64	94	75323	15.588	ug/l	99
6) Chloroethane	1.73	64	51679	16.702	ug/l	98
7) Trichlorofluoromethane	1.93	101	132882	17.759	ug/l	99
8) Diethyl Ether	2.19	74	50613	17.971	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	78239	17.578	ug/l	99
10) Methyl Iodide	2.51	142	101619	15.520	ug/l	99
11) Tert butyl alcohol	3.07	59	99180	104.306	ug/l	97
12) 1,1-Dichloroethene	2.38	96	70406	17.035	ug/l	99
13) Acrolein	2.30	56	34322	76.975	ug/l	97
14) Allyl chloride	2.73	41	120689	17.921	ug/l	97
15) Acrylonitrile	3.15	53	225511	95.871	ug/l	100
16) Acetone	2.45	43	208899	99.255	ug/l	96
17) Carbon Disulfide	2.57	76	157044	16.035	ug/l	99
18) Methyl Acetate	2.78	43	131451	24.280	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	251118	18.754	ug/l	98
20) Methylene Chloride	2.86	84	80456	18.467	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	73683	16.736	ug/l	95
22) Diisopropyl ether	3.87	45	248404	20.053	ug/l	98
23) Vinyl Acetate	3.82	43	1013338	98.580	ug/l	98
24) 1,1-Dichloroethane	3.70	63	139976	19.677	ug/l	99
25) 2-Butanone	4.70	43	321843	107.453	ug/l	99
26) 2,2-Dichloropropane	4.59	77	106041	19.574	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	90458	18.811	ug/l	98
28) Bromochloromethane	5.03	49	65370	19.982	ug/l	99
29) Tetrahydrofuran	5.15	42	202188	107.331	ug/l	98
30) Chloroform	5.21	83	149483	20.137	ug/l	96
31) Cyclohexane	5.58	56	109261	17.101	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	126358	20.166	ug/l	100
36) 1,1-Dichloropropene	5.80	75	97699	16.781	ug/l	99
37) Ethyl Acetate	4.85	43	115112	19.559	ug/l	98
38) Carbon Tetrachloride	5.78	117	108640	19.234	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117909	16.739	ug/l	99
40) Benzene	6.14	78	315854	18.417	ug/l	99
41) Methacrylonitrile	5.06	41	62551	19.831	ug/l	97
42) 1,2-Dichloroethane	6.20	62	109707	18.489	ug/l	98
43) Isopropyl Acetate	6.46	43	178669	19.668	ug/l	98
44) Trichloroethene	7.21	130	93677	18.136	ug/l	96
45) 1,2-Dichloropropane	7.51	63	80211	18.667	ug/l	98
46) Dibromomethane	7.66	93	59403	19.021	ug/l	96
47) Bromodichloromethane	7.90	83	105126	19.862	ug/l	97
48) Methyl methacrylate	7.77	41	92446	20.345	ug/l	99
49) 1,4-Dioxane	7.75	88	44988	439.244	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	607408	101.571	ug/l	99
52) Toluene	8.79	92	198744	17.962	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	109663	19.289	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	123763	19.795	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	88962	19.288	ug/l	97
56) Ethyl methacrylate	9.18	69	120122	18.804	ug/l	99
57) 1,3-Dichloropropane	9.37	76	139611	19.034	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	338744	100.605	ug/l	100
59) 2-Hexanone	9.49	43	466232	100.189	ug/l	100
60) Dibromochloromethane	9.59	129	88305	20.243	ug/l	99
61) 1,2-Dibromoethane	9.67	107	92844	19.008	ug/l	100
64) Tetrachloroethene	9.34	164	90049	16.646	ug/l	99
65) Chlorobenzene	10.14	112	233976	18.681	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	87142	20.752	ug/l	99
67) Ethyl Benzene	10.25	91	365164	18.105	ug/l	99
68) m/p-Xylenes	10.36	106	285859	35.654	ug/l	100
69) o-Xylene	10.70	106	140574	18.221	ug/l	99
70) Styrene	10.71	104	229500	18.343	ug/l	99
71) Bromoform	10.85	173	66709	20.683	ug/l	100
73) Isopropylbenzene	11.02	105	377028	19.043	ug/l	99
74) N-amyl acetate	10.90	43	153975	20.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	133024	22.046	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	141478	24.965	ug/l	79
77) Bromobenzene	11.26	156	102644	18.400	ug/l	96
78) n-propylbenzene	11.36	91	413265	19.035	ug/l	99
79) 2-Chlorotoluene	11.42	91	246497	18.712	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	312124	19.270	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34357	21.383	ug/l	95
82) 4-Chlorotoluene	11.51	91	287961	18.891	ug/l	99
83) tert-Butylbenzene	11.77	119	317477	19.797	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	317472	19.306	ug/l	100
85) sec-Butylbenzene	11.94	105	371676	19.149	ug/l	99
86) p-Isopropyltoluene	12.06	119	332941	19.002	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	181716	18.151	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	184933	18.208	ug/l	99
89) n-Butylbenzene	12.39	91	272084	18.052	ug/l	99
90) Hexachloroethane	12.60	117	54592	20.819	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	185955	18.664	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25799	20.563	ug/l	98

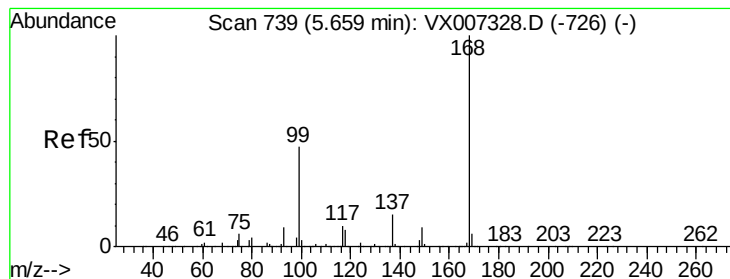
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	122041	18.163	ug/l	99
94) Hexachlorobutadiene	13.78	225	60071	18.412	ug/l	100
95) Naphthalene	13.83	128	377422	19.209	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125242	18.518	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

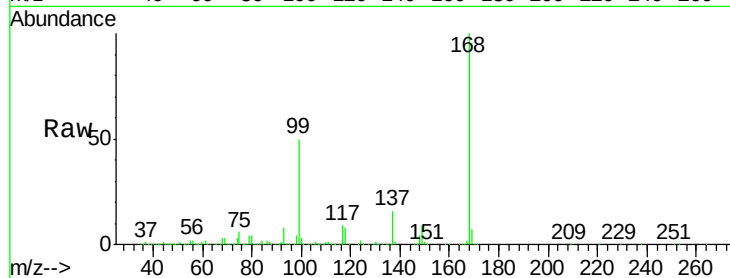
VX0221WBSD01

Tot Ion:168 Resp: 432874

Ion Ratio Lower Upper

168 100

99 49.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

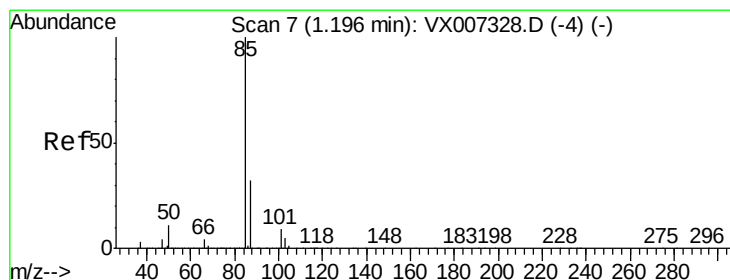
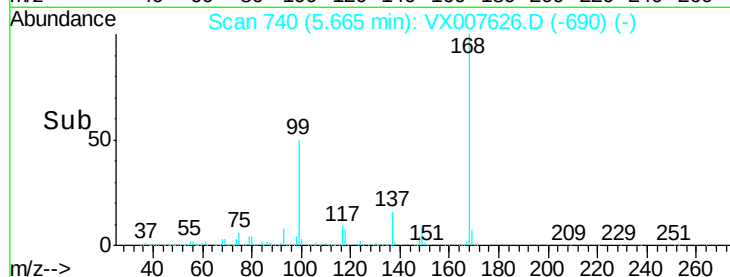
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.052 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007626.D

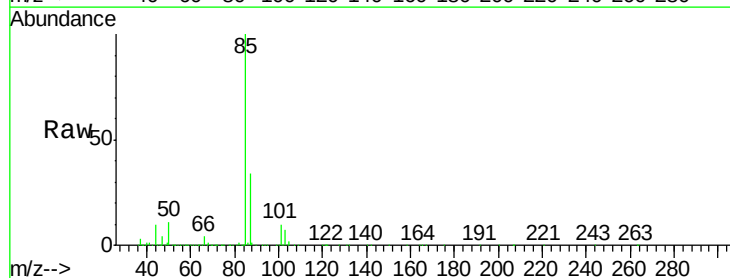
Acq: 21 Feb 2019 13:09

Tgt Ion: 85 Resp: 84742

Ion Ratio Lower Upper

85 100

87 34.3 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

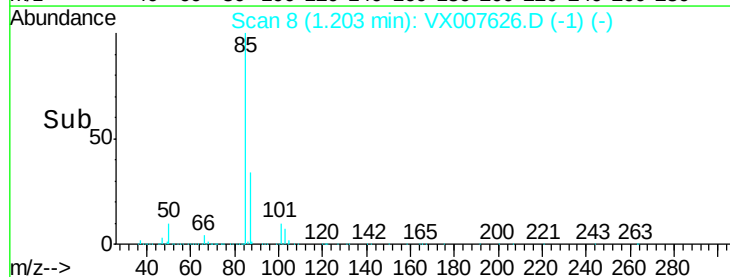
60000

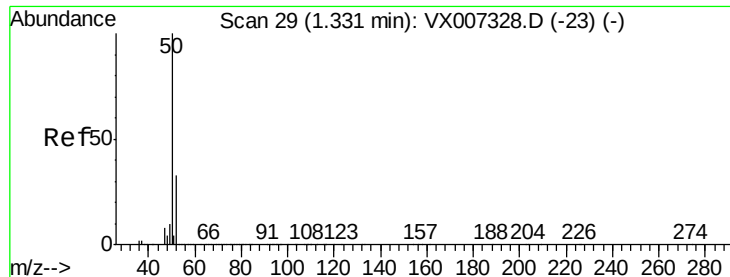
40000

20000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 15.471 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

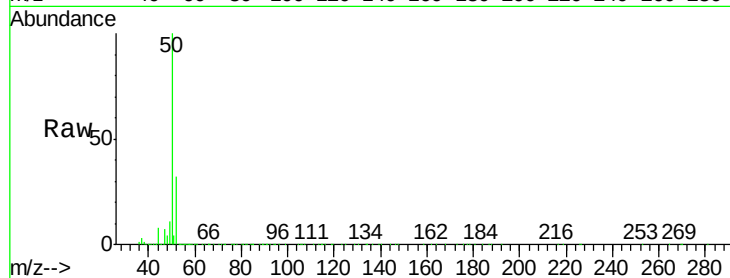
VX0221WBSD01

Tot Ion: 50 Resp: 75434

Ion Ratio Lower Upper

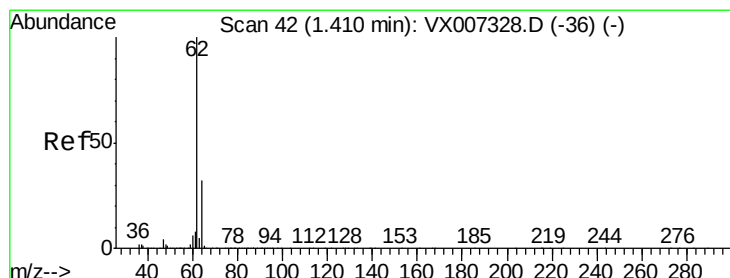
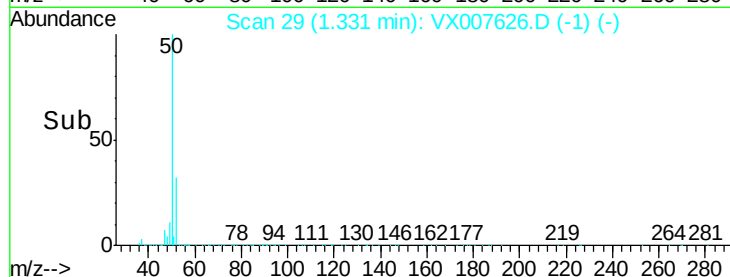
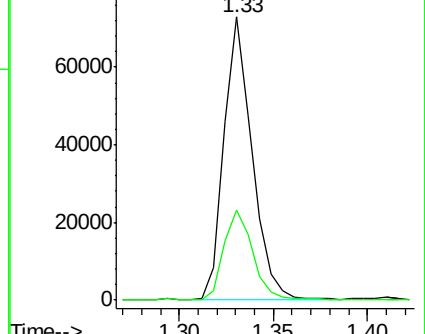
50 100

52 31.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.268 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007626.D

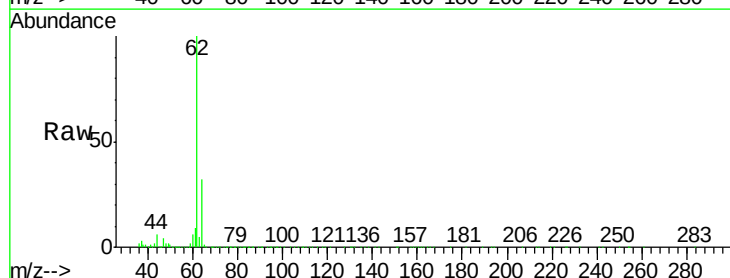
Acq: 21 Feb 2019 13:09

Tgt Ion: 62 Resp: 82597

Ion Ratio Lower Upper

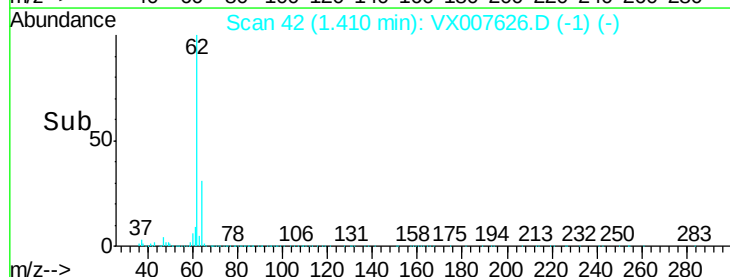
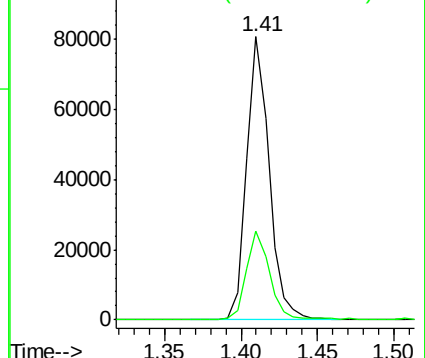
62 100

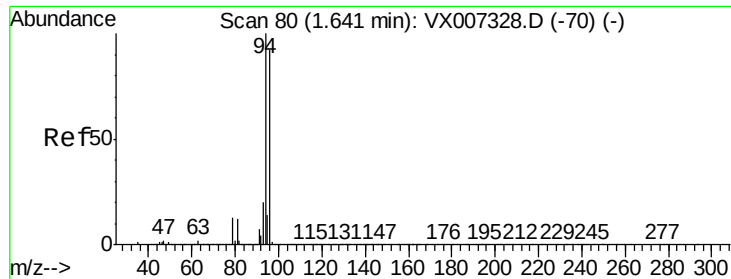
64 31.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.588 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

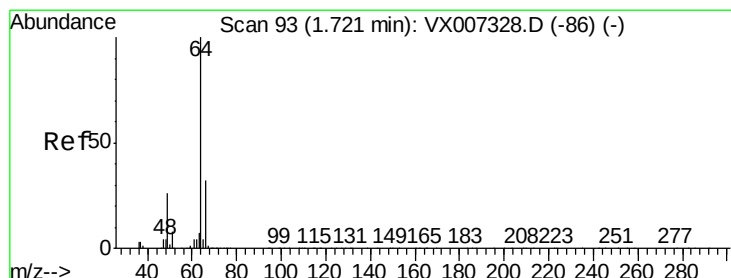
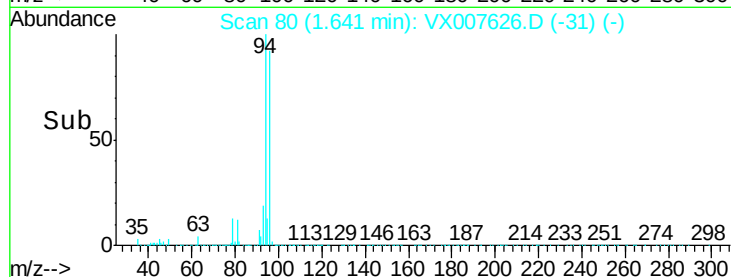
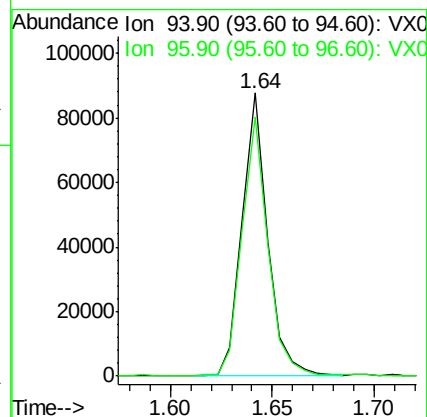
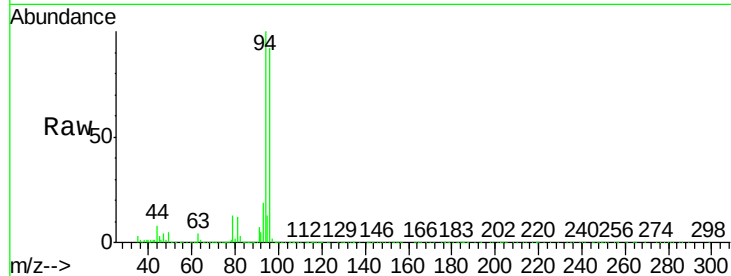
VX0221WBSD01

Tot Ion: 94 Resp: 75323

Ion Ratio Lower Upper

94 100

96 91.8 73.9 110.9



#6

Chloroethane

Concen: 16.702 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007626.D

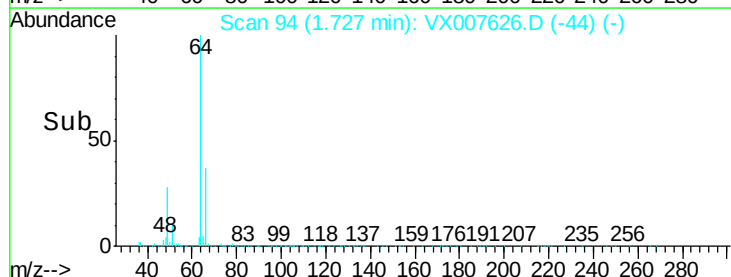
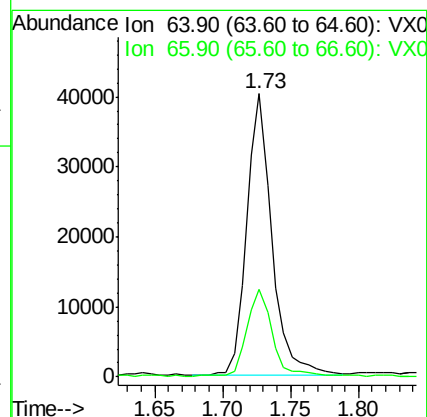
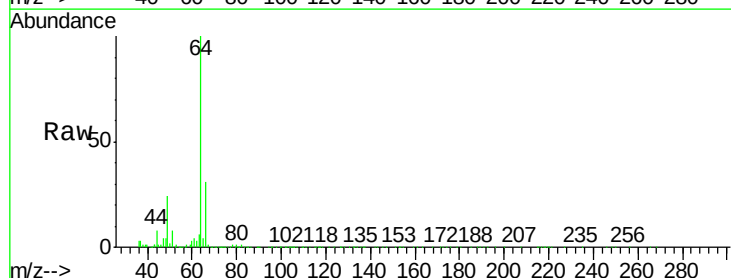
Acq: 21 Feb 2019 13:09

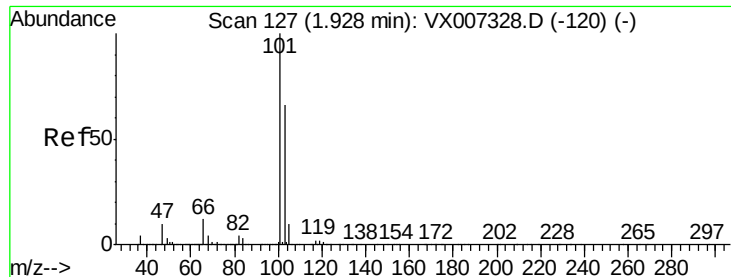
Tgt Ion: 64 Resp: 51679

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3



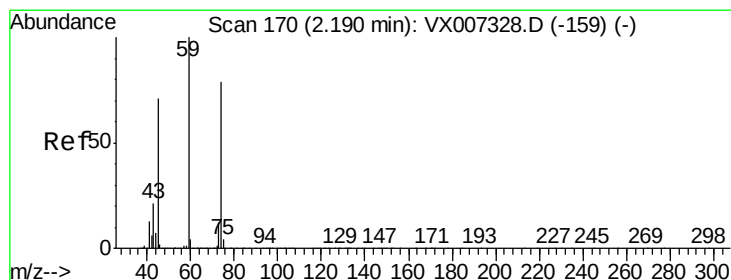
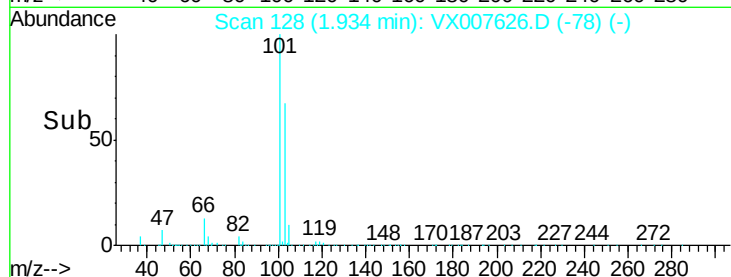
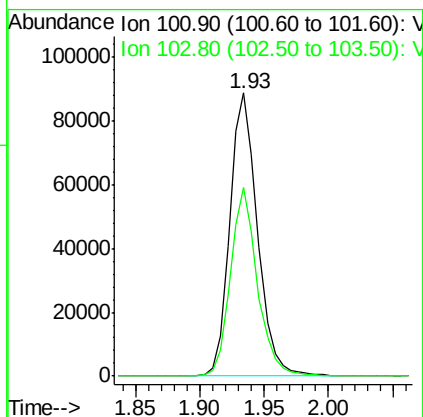
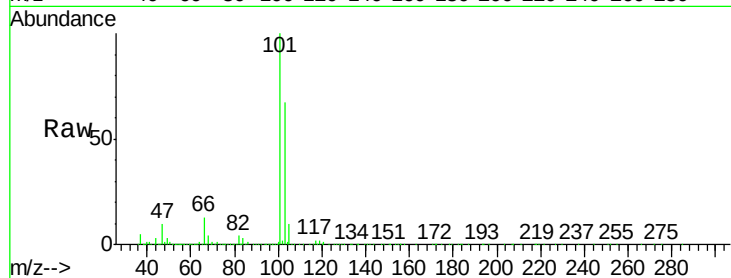


#7

Trichlorofluoromethane
Concen: 17.759 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

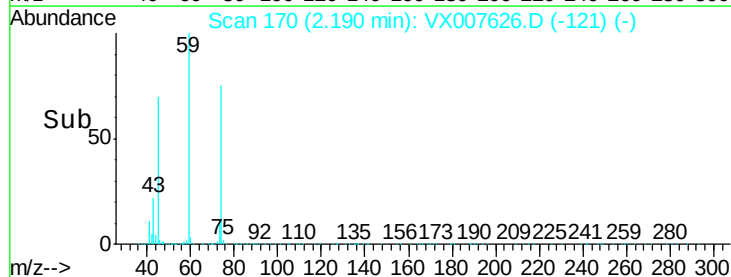
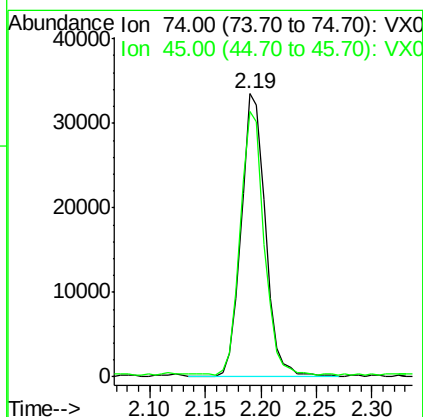
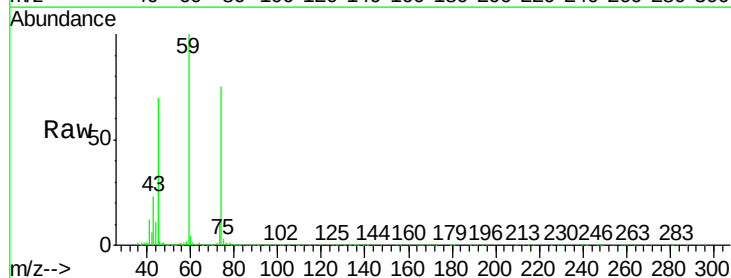
Tot Ion:101 Resp: 132882
Ion Ratio Lower Upper
101 100
103 66.6 52.6 79.0

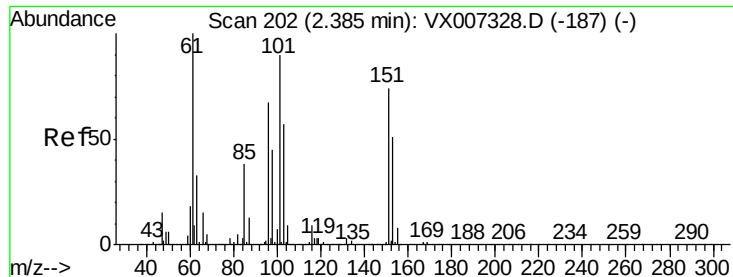


#8

Diethyl Ether
Concen: 17.971 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Tgt Ion: 74 Resp: 50613
Ion Ratio Lower Upper
74 100
45 91.6 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.578 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

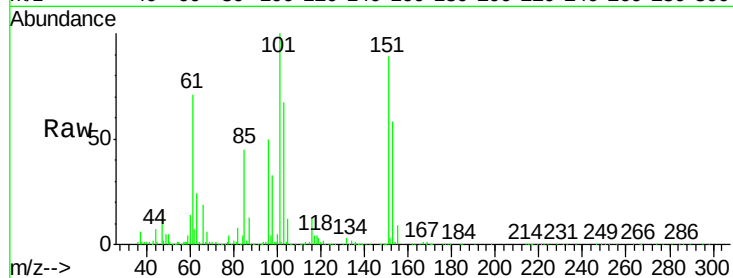
Tot Ion:101 Resp: 78239

Ion Ratio Lower Upper

101 100

85 44.5 34.1 51.1

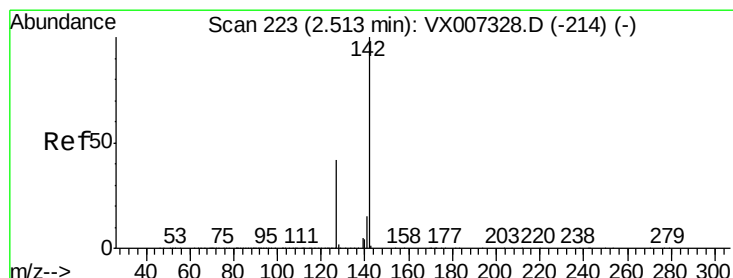
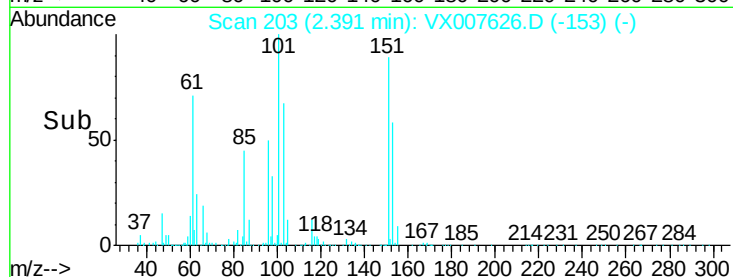
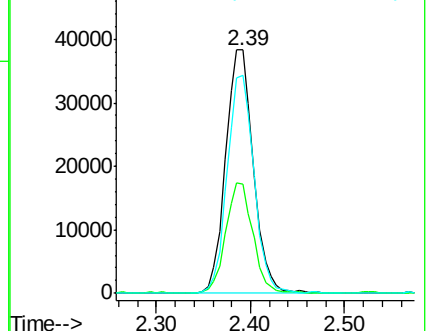
151 86.9 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.520 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

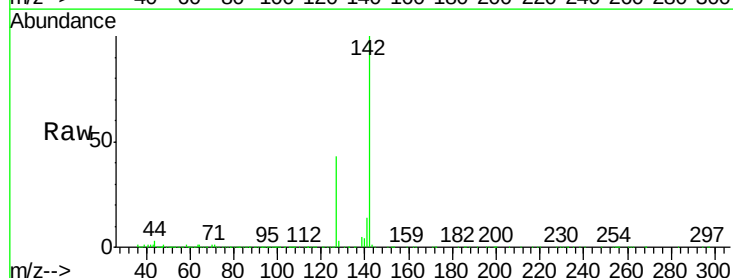
Tgt Ion:142 Resp: 101619

Ion Ratio Lower Upper

142 100

127 42.0 33.7 50.5

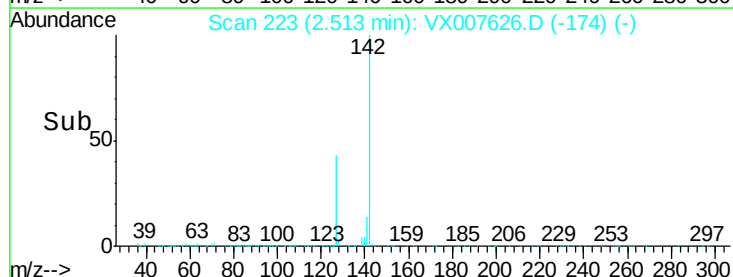
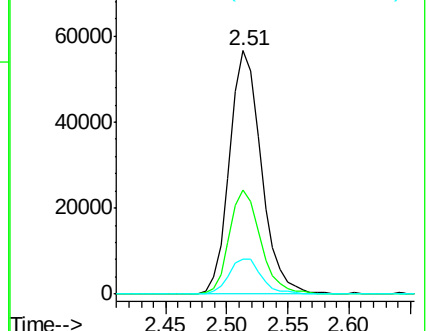
141 15.1 11.3 16.9

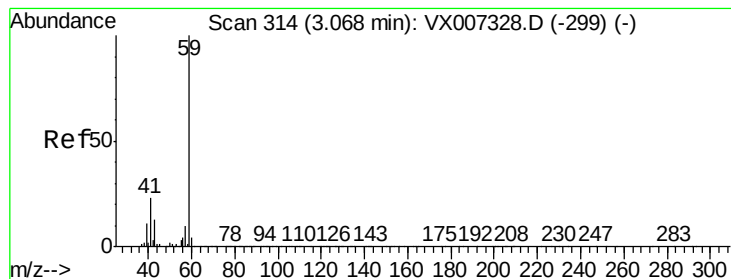


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



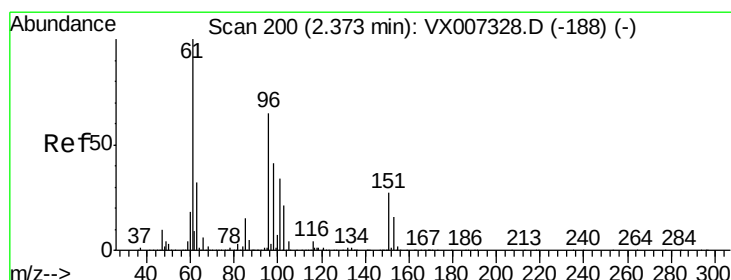
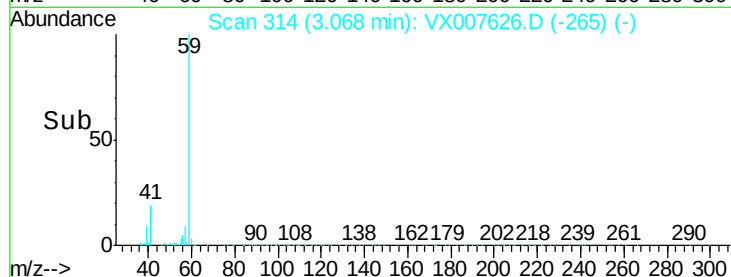
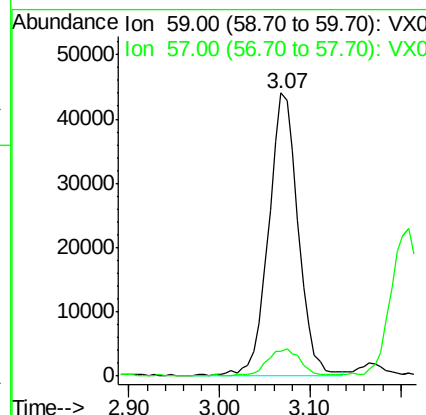
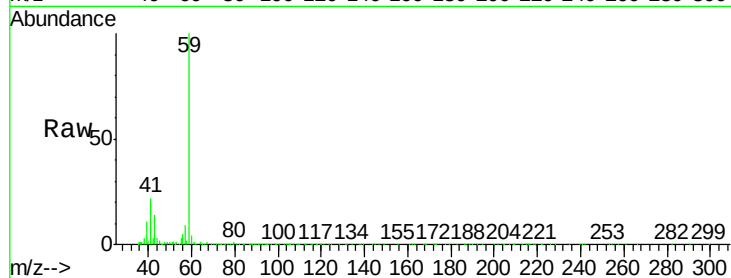


#11

Tert butyl alcohol
 Concen: 104.306 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: VX007626.D
 Acq: 21 Feb 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

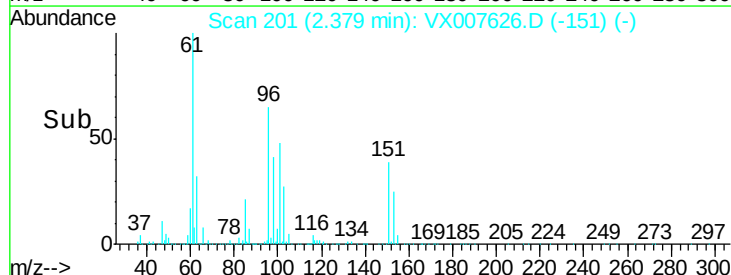
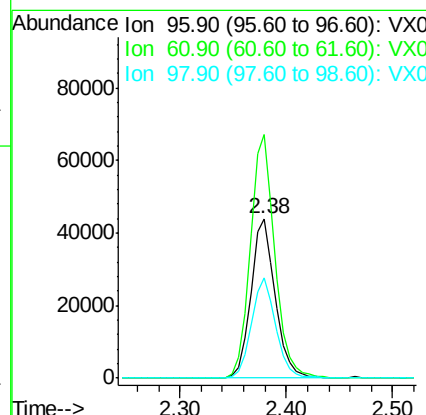
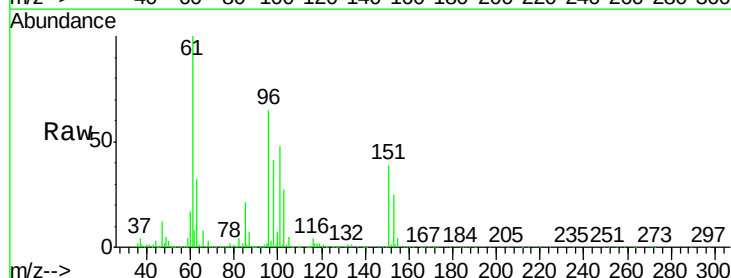
Tot Ion: 59 Resp: 99180
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.1 12.1

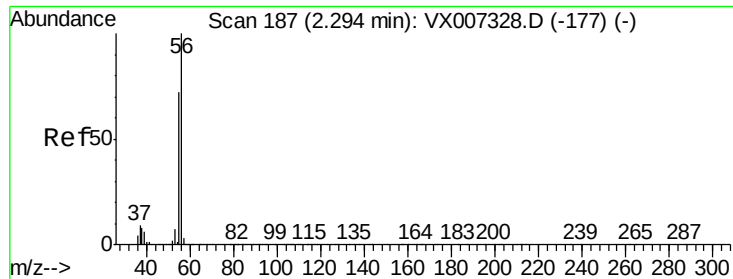


#12

1,1-Dichloroethene
 Concen: 17.035 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007626.D
 Acq: 21 Feb 2019 13:09

Tgt Ion: 96 Resp: 70406
 Ion Ratio Lower Upper
 96 100
 61 152.6 123.0 184.4
 98 62.7 50.9 76.3





#13

Acrolein

Concen: 76.975 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

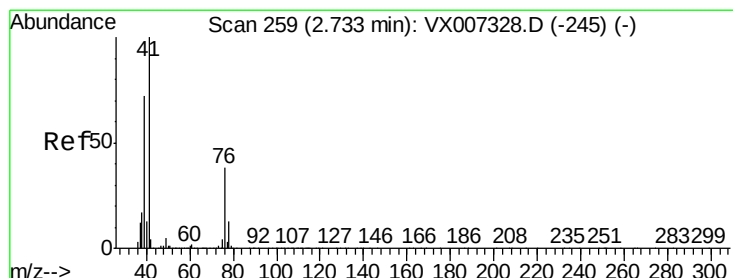
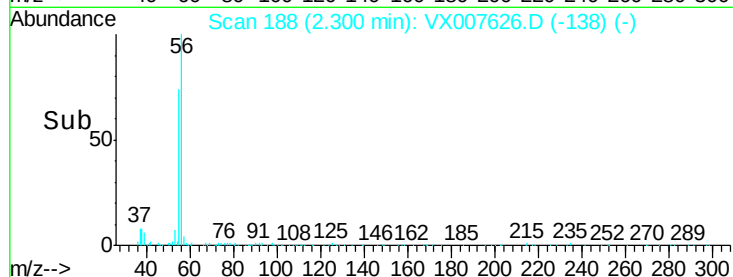
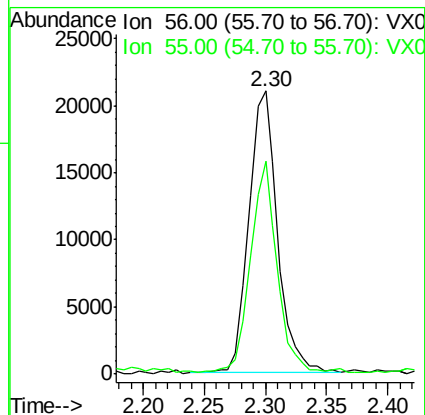
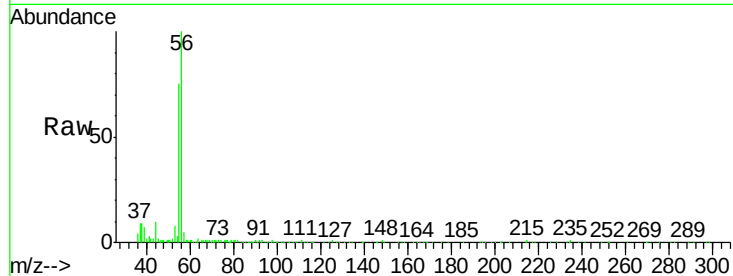
VX0221WBSD01

Tot Ion: 56 Resp: 34322

Ion Ratio Lower Upper

56 100

55 68.6 56.9 85.3



#14

Allyl chloride

Concen: 17.921 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

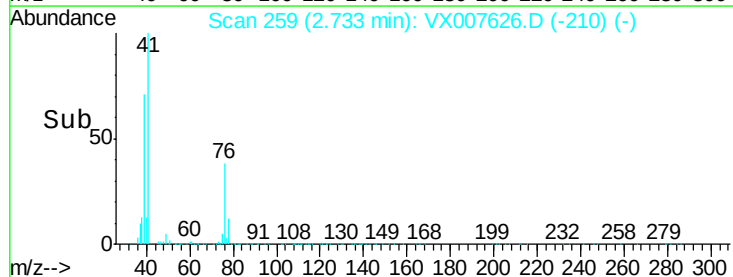
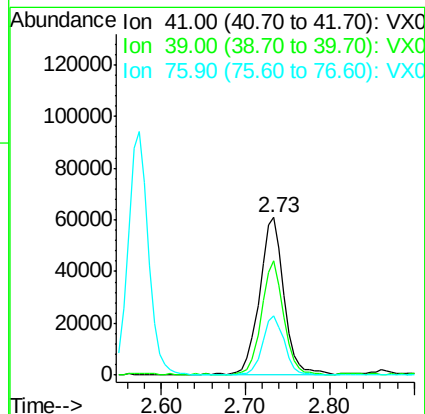
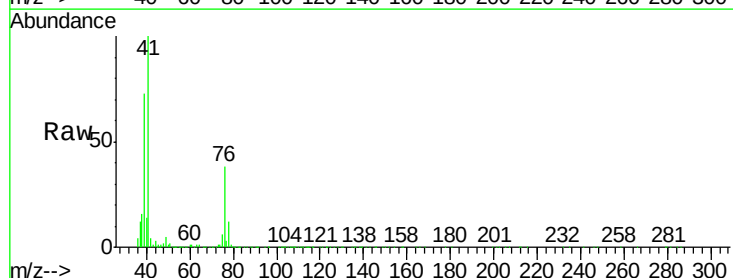
Tgt Ion: 41 Resp: 120689

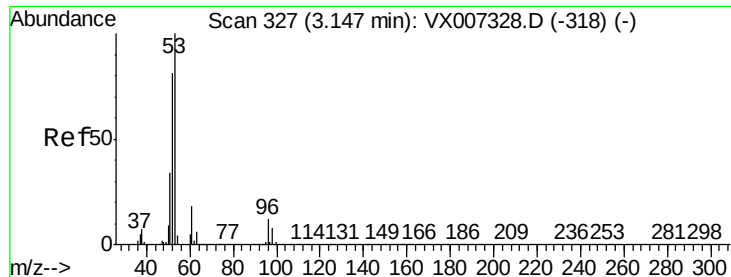
Ion Ratio Lower Upper

41 100

39 65.1 54.1 81.1

76 32.9 27.8 41.8





#15

Acrylonitrile

Concen: 95.871 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

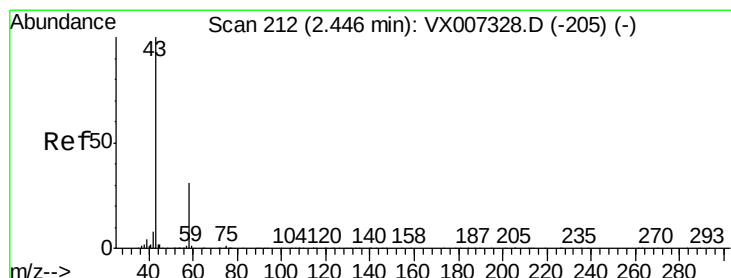
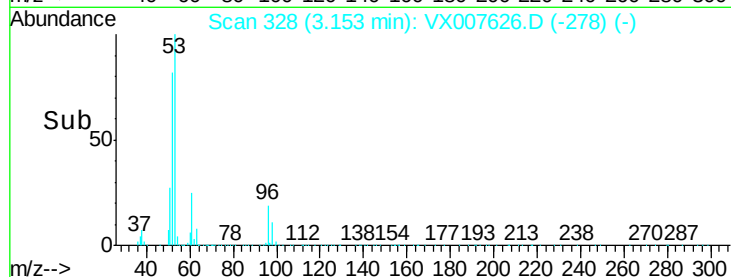
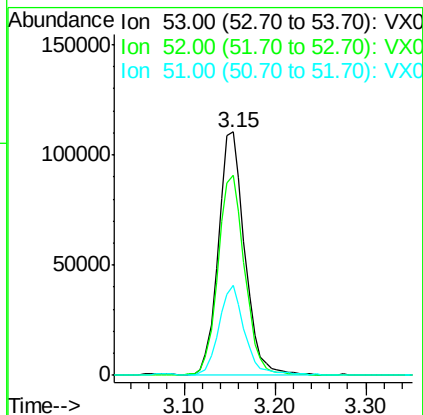
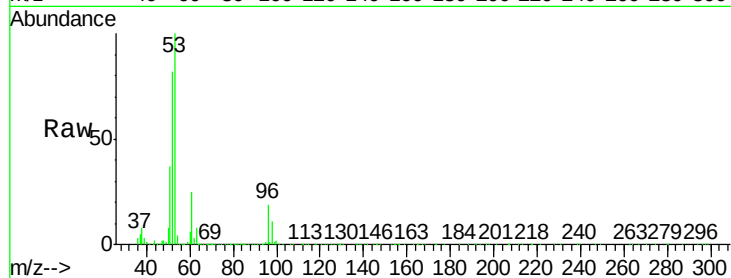
Tot Ion: 53 Resp: 225511

Ion Ratio Lower Upper

53 100

52 82.6 66.4 99.6

51 35.7 28.4 42.6



#16

Acetone

Concen: 99.255 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007626.D

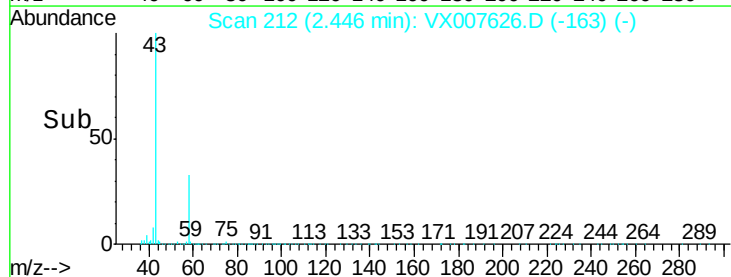
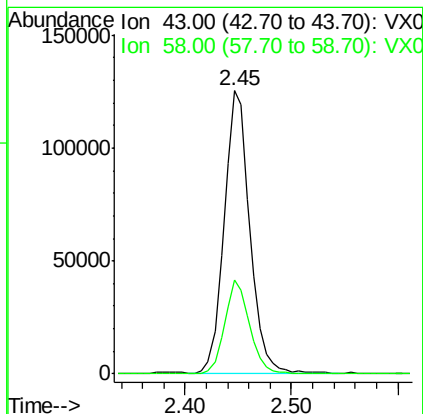
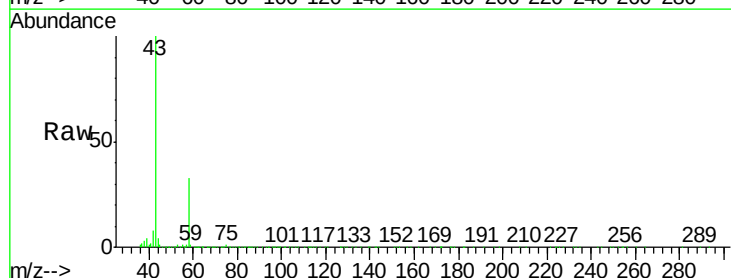
Acq: 21 Feb 2019 13:09

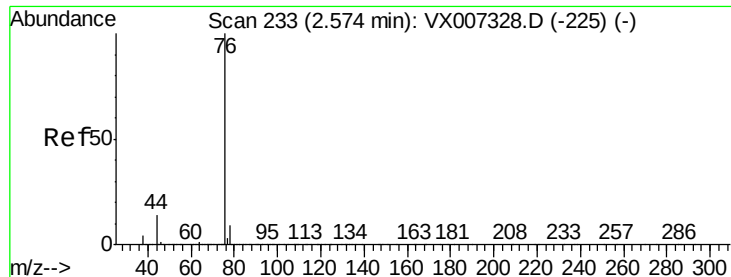
Tgt Ion: 43 Resp: 208899

Ion Ratio Lower Upper

43 100

58 33.2 24.9 37.3





#17

Carbon Disulfide

Concen: 16.035 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

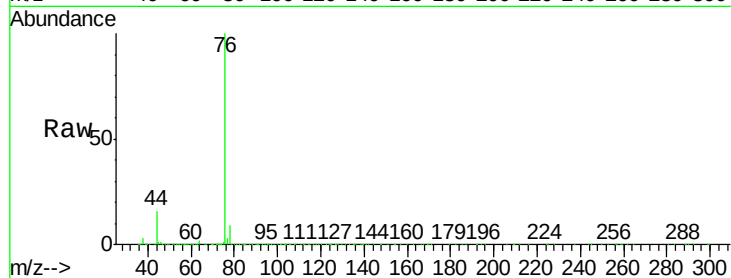
VX0221WBSD01

Tot Ion: 76 Resp: 157044

Ion Ratio Lower Upper

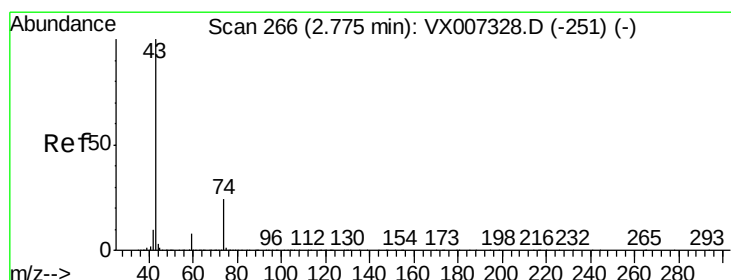
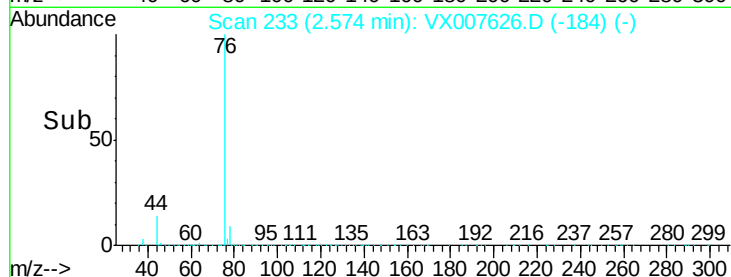
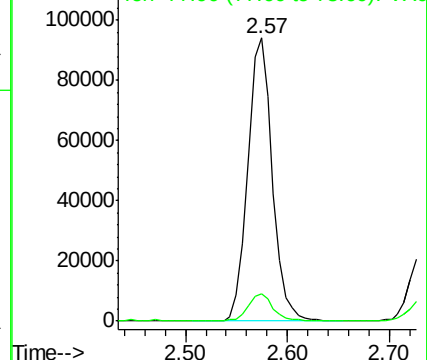
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.280 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007626.D

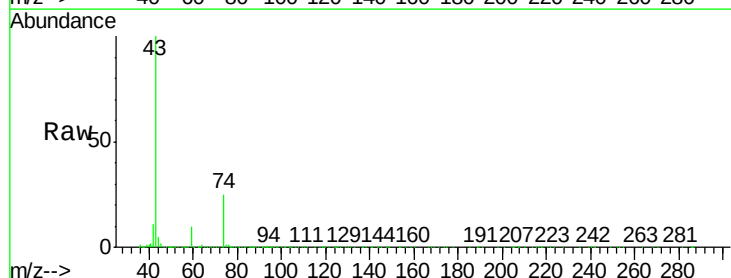
Acq: 21 Feb 2019 13:09

Tgt Ion: 43 Resp: 131451

Ion Ratio Lower Upper

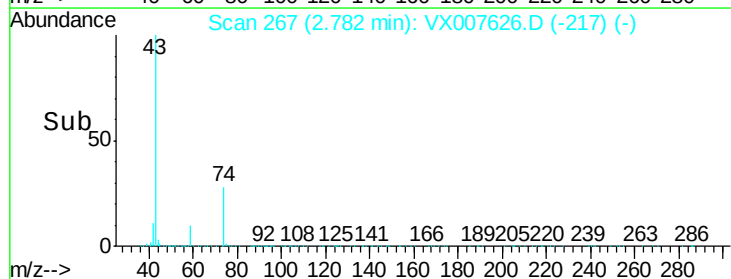
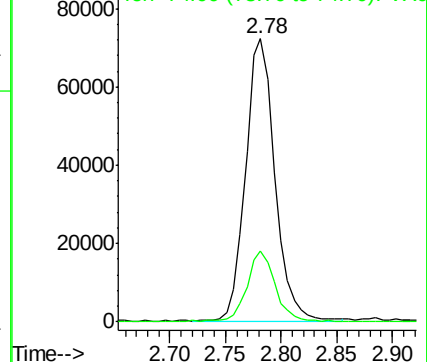
43 100

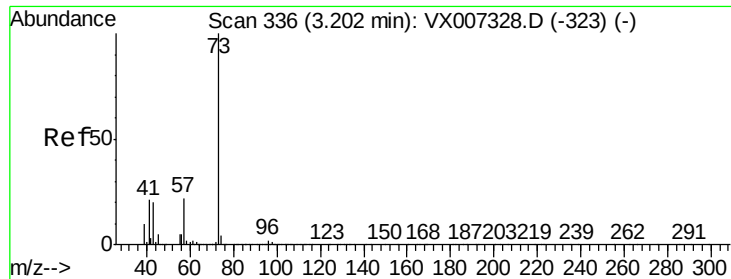
74 24.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

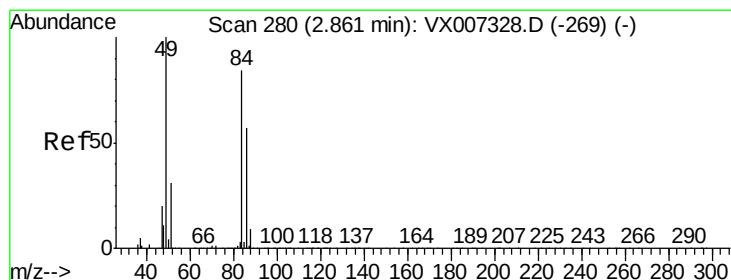
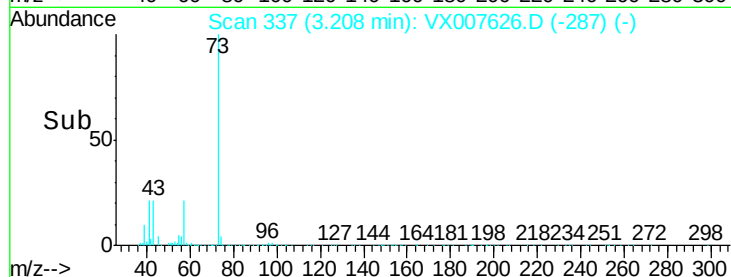
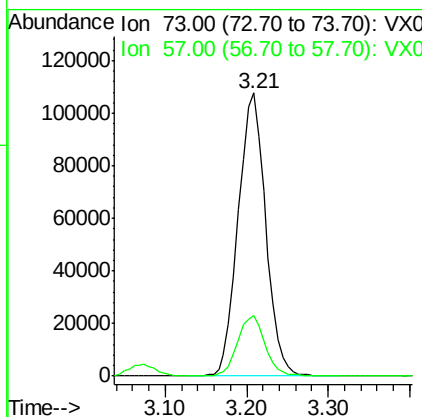
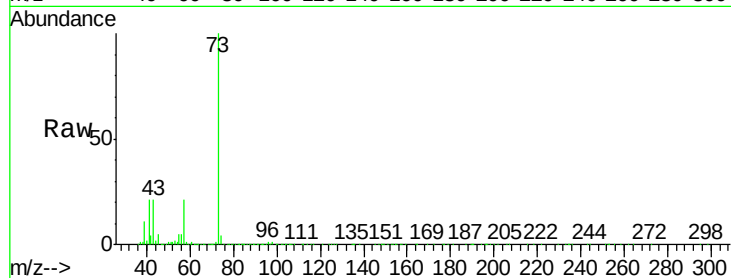




#19
Methyl tert-butyl Ether
Concen: 18.754 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

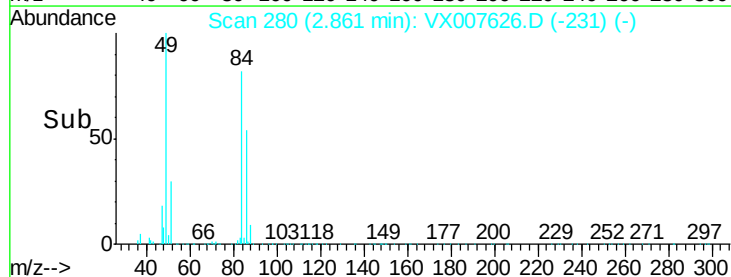
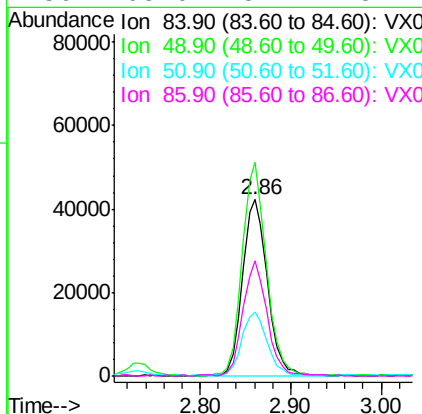
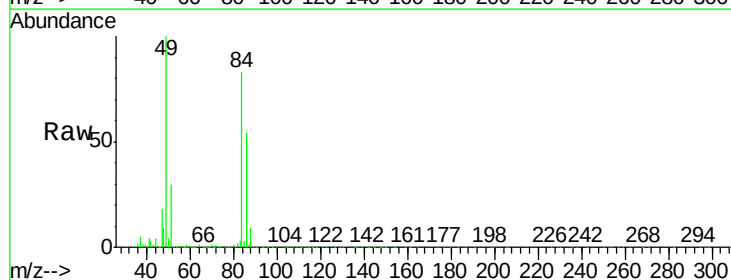
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

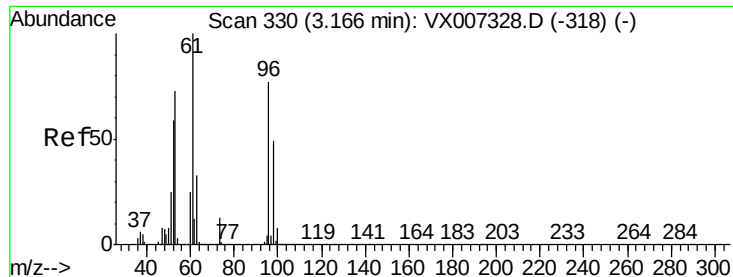
Tot Ion: 73 Resp: 251118
Ion Ratio Lower Upper
73 100
57 21.1 17.8 26.8



#20
Methylene Chloride
Concen: 18.467 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Tgt Ion: 84 Resp: 80456
Ion Ratio Lower Upper
84 100
49 120.9 94.8 142.2
51 36.4 29.8 44.8
86 65.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 16.736 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

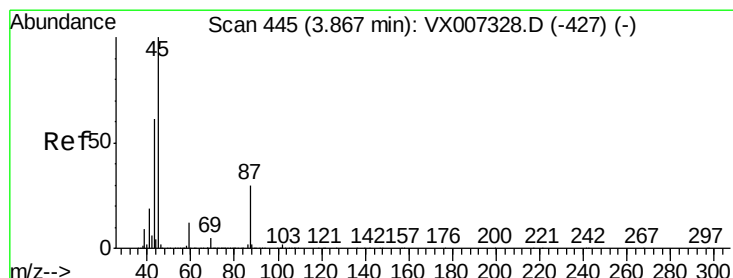
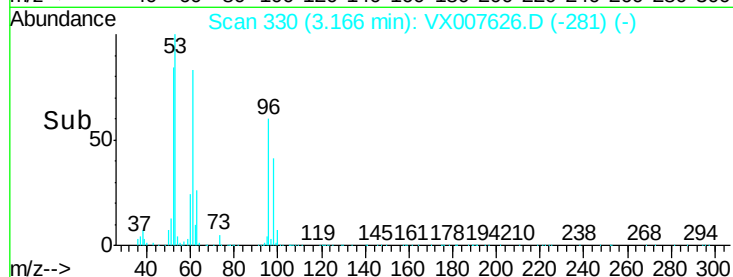
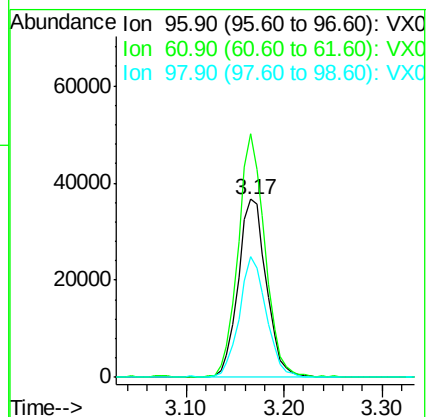
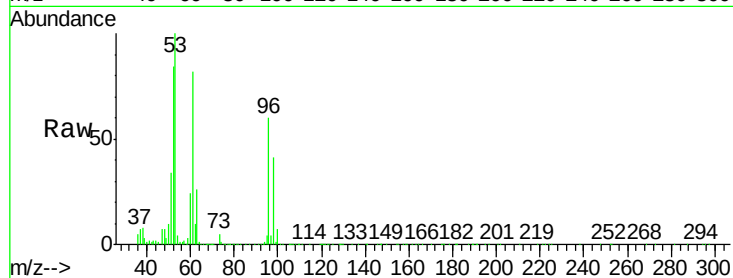
Tot Ion: 96 Resp: 73683

Ion Ratio Lower Upper

96 100

61 136.6 104.6 156.8

98 67.6 51.0 76.4



#22

Diisopropyl ether

Concen: 20.053 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Tgt Ion: 45 Resp: 248404

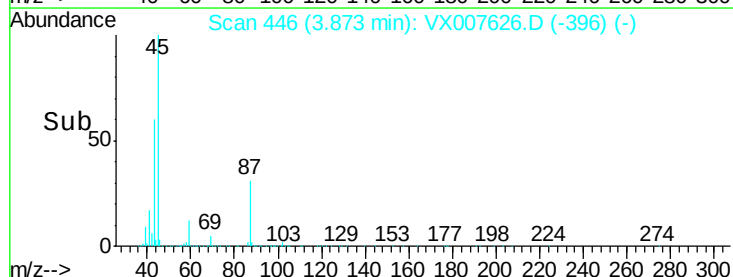
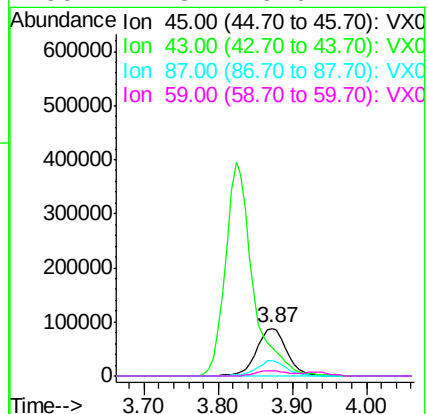
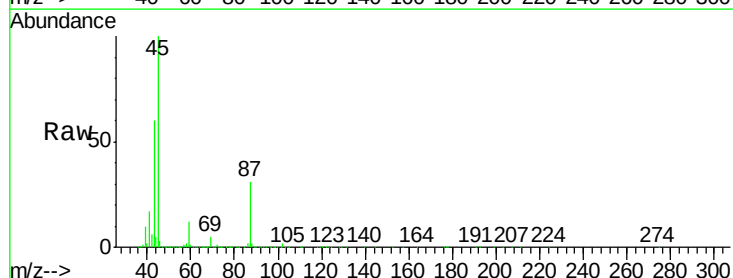
Ion Ratio Lower Upper

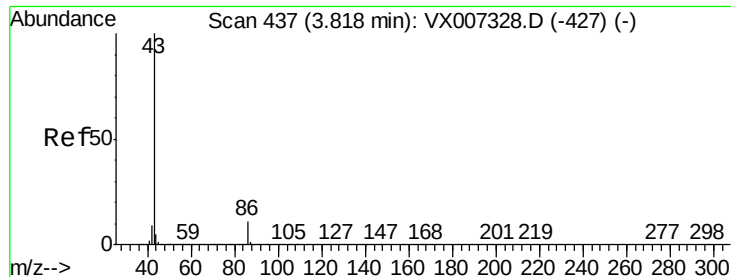
45 100

43 59.9 48.9 73.3

87 31.2 23.9 35.9

59 11.8 9.6 14.4





#23

Vinyl Acetate

Concen: 98.580 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

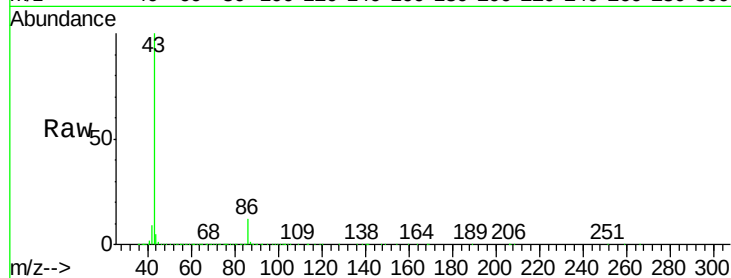
VX0221WBSD01

Tot Ion: 43 Resp: 1013338

Ion Ratio Lower Upper

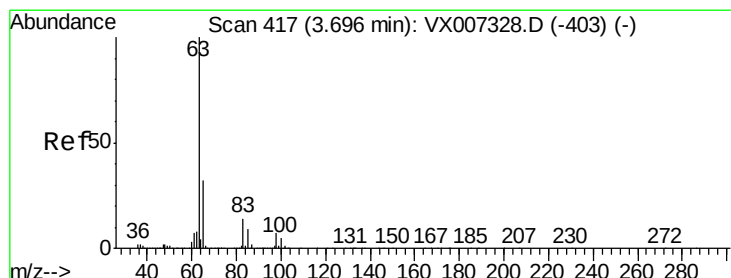
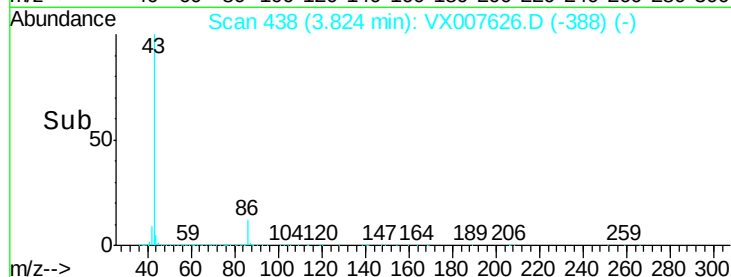
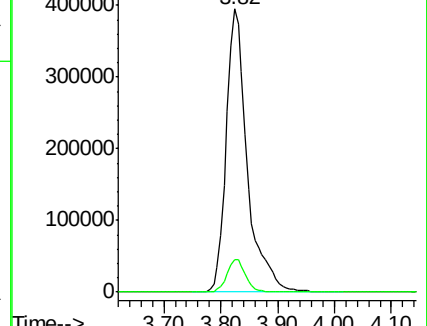
43 100

86 11.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.677 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

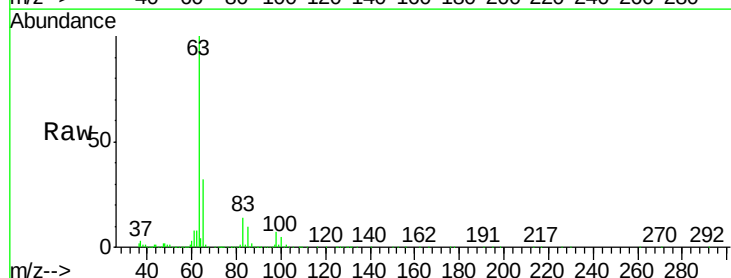
Tgt Ion: 63 Resp: 139976

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

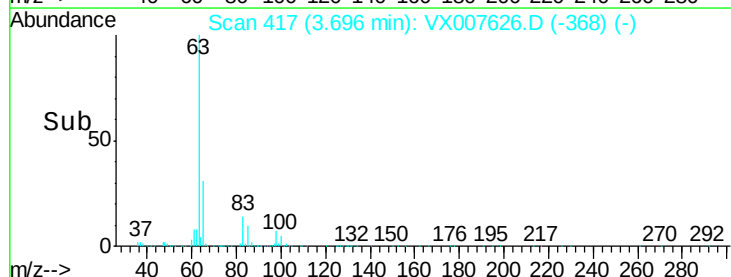
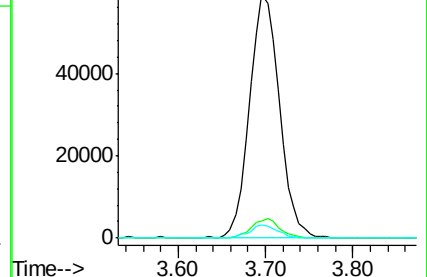
100 5.3 2.5 7.4

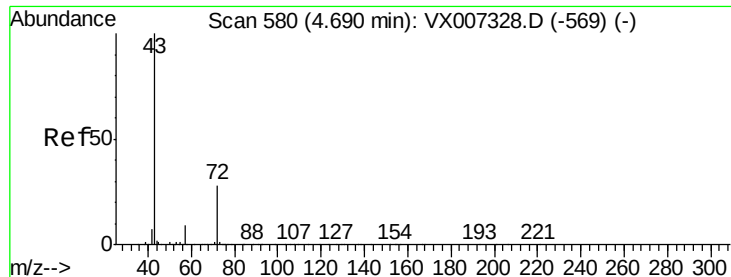


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 107.453 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

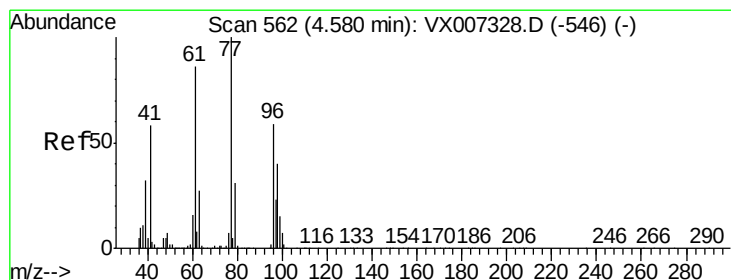
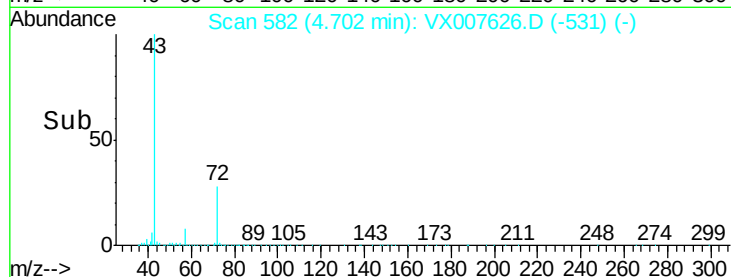
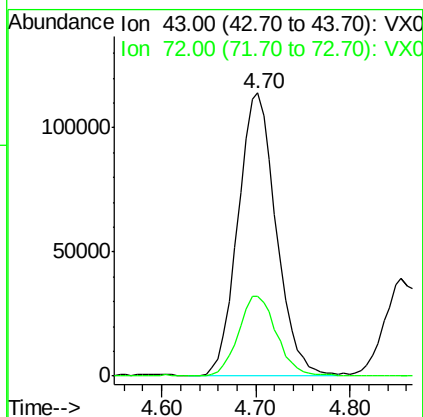
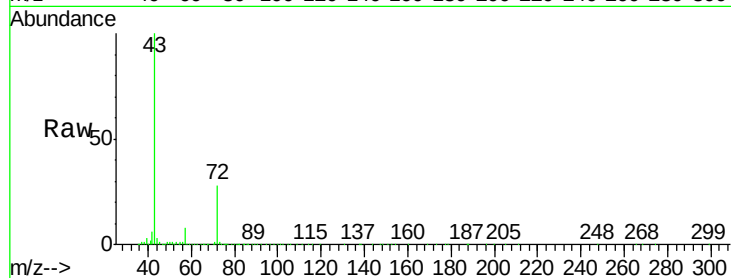
VX0221WBSD01

Tot Ion: 43 Resp: 321843

Ion Ratio Lower Upper

43 100

72 28.3 22.2 33.2



#26

2,2-Dichloropropane

Concen: 19.574 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007626.D

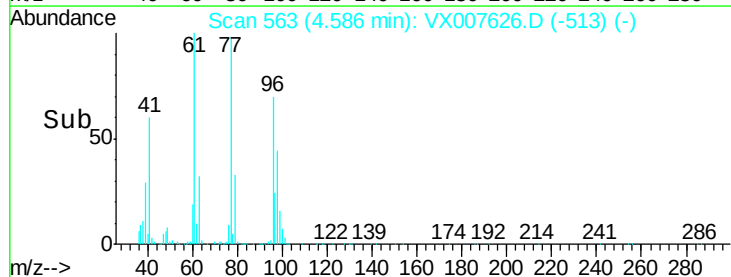
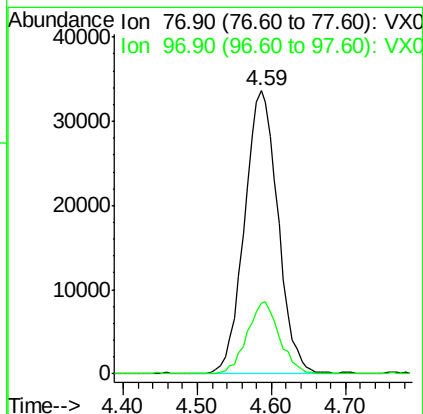
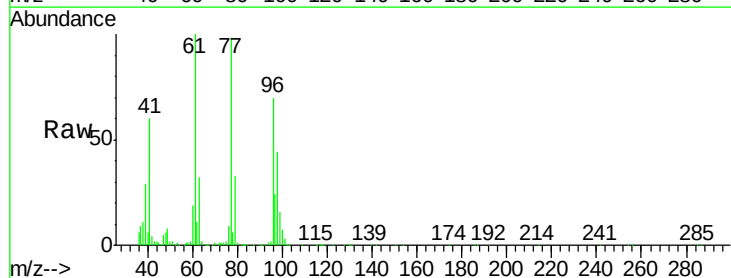
Acq: 21 Feb 2019 13:09

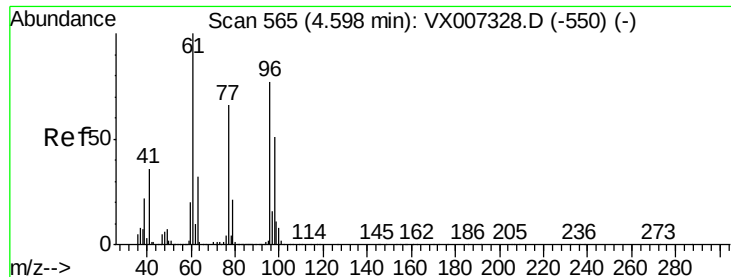
Tgt Ion: 77 Resp: 106041

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3



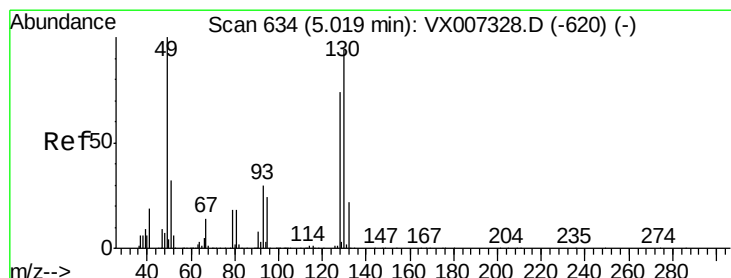
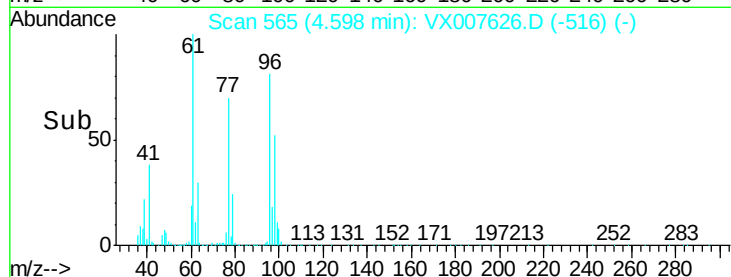
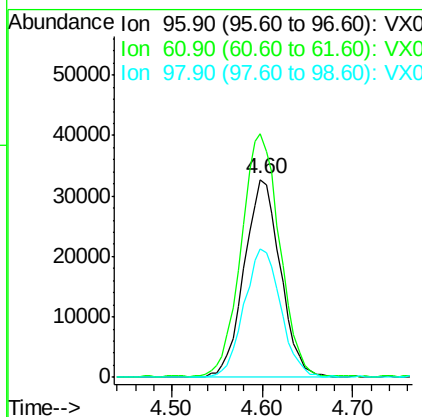
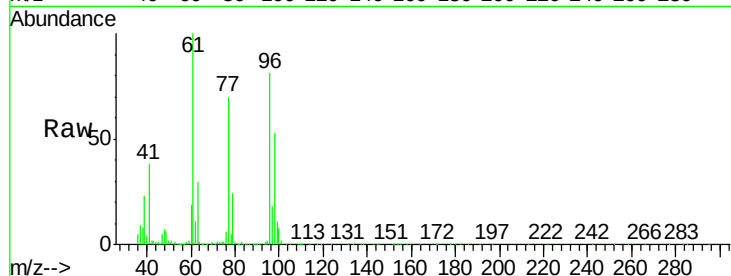


#27

cis-1,2-Dichloroethene
 Concen: 18.811 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007626.D
 Acq: 21 Feb 2019 13:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

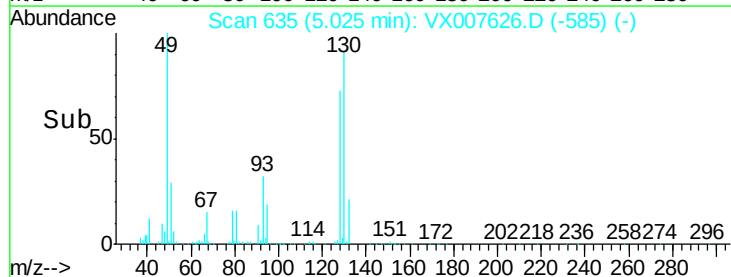
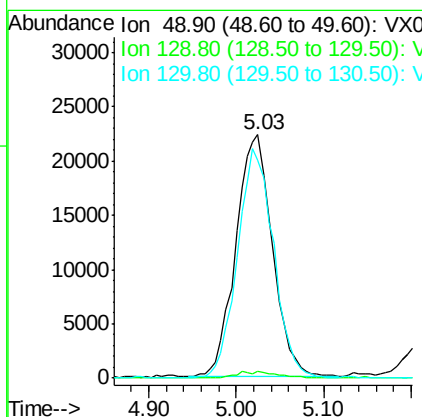
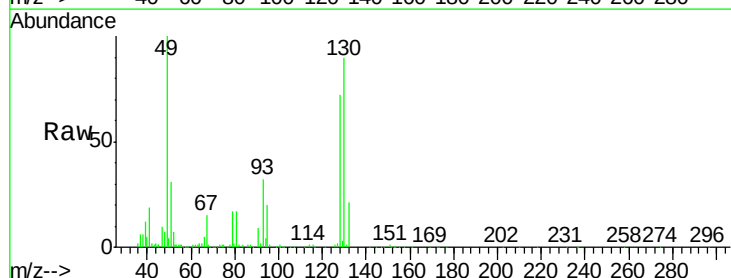
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	265.6
98	65.7	0.0	131.6

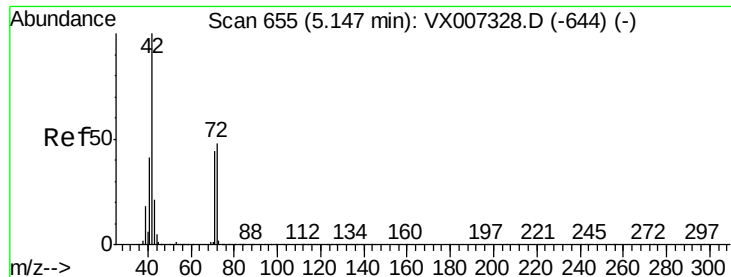


#28

Bromochloromethane
 Concen: 19.982 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX007626.D
 Acq: 21 Feb 2019 13:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.6
130	93.1	75.6	113.4





#29

Tetrahydrofuran

Concen: 107.331 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

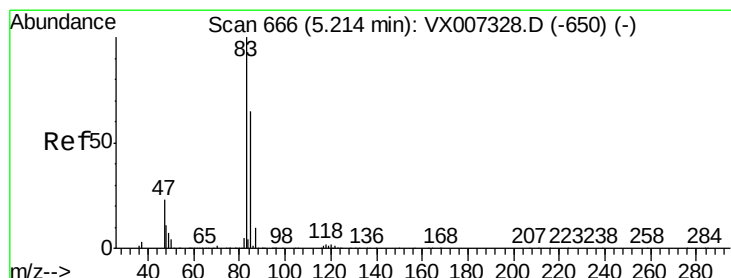
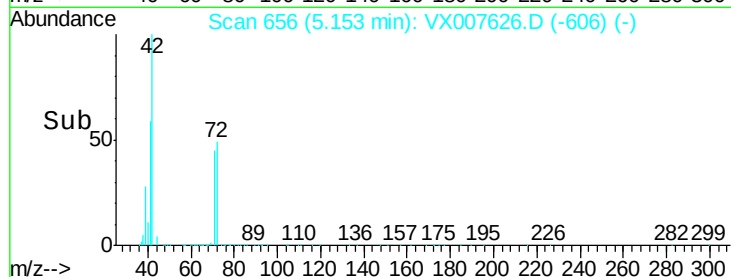
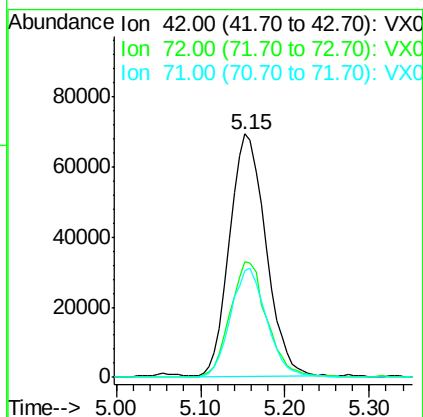
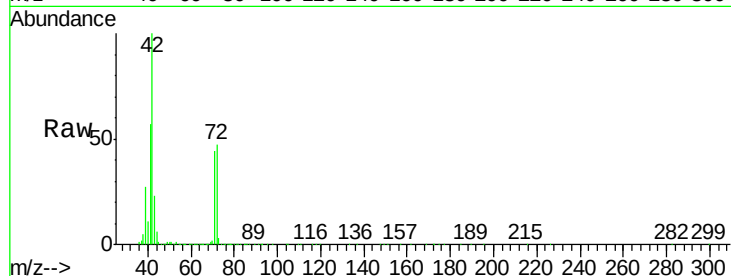
Tot Ion: 42 Resp: 202188

Ion Ratio Lower Upper

42 100

72 47.8 37.6 56.4

71 45.1 34.6 51.8



#30

Chloroform

Concen: 20.137 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007626.D

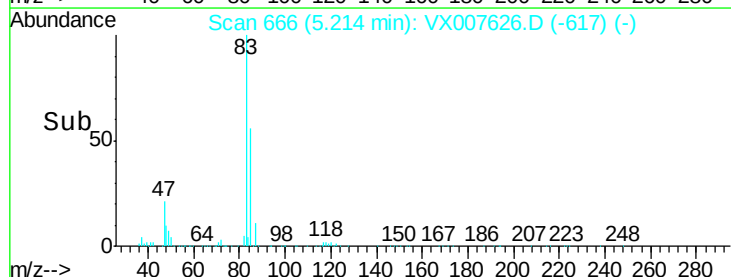
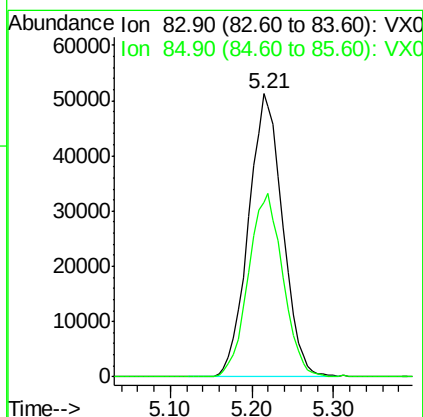
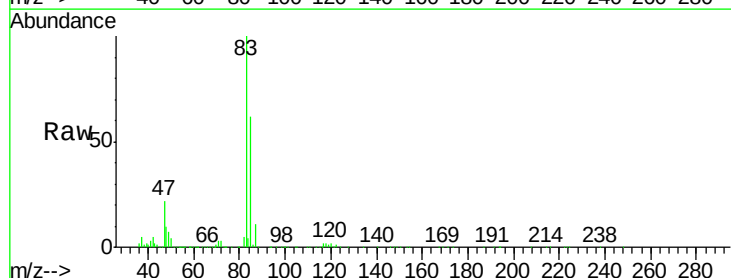
Acq: 21 Feb 2019 13:09

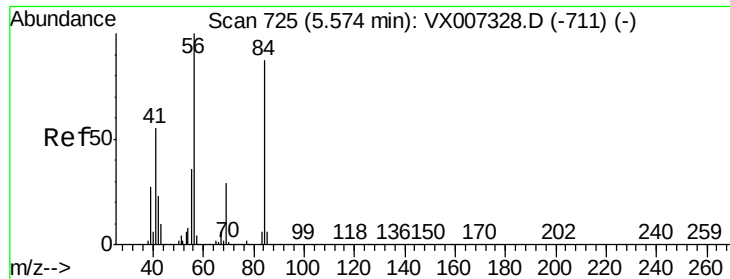
Tgt Ion: 83 Resp: 149483

Ion Ratio Lower Upper

83 100

85 61.3 51.6 77.4

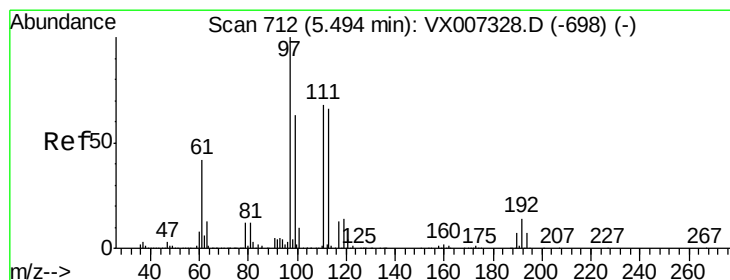
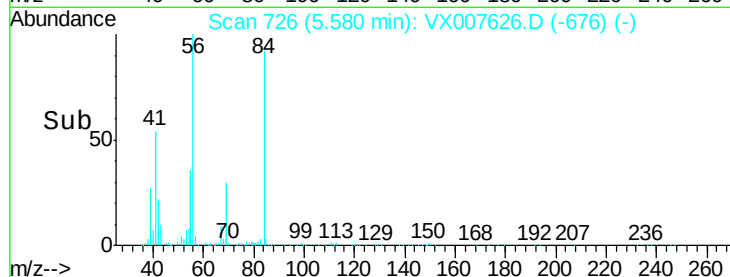
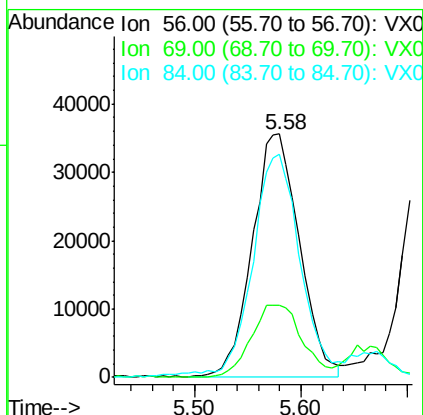
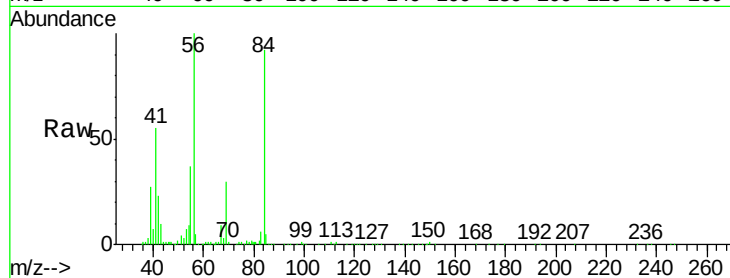




#31
Cyclohexane
Concen: 17.101 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

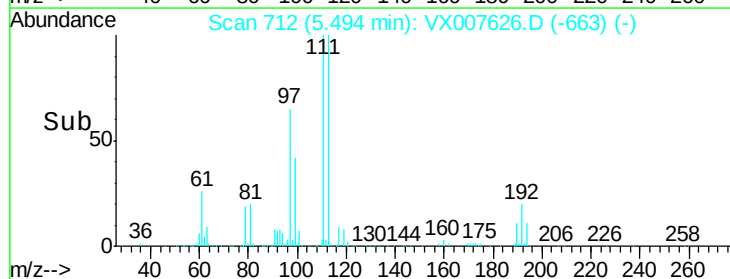
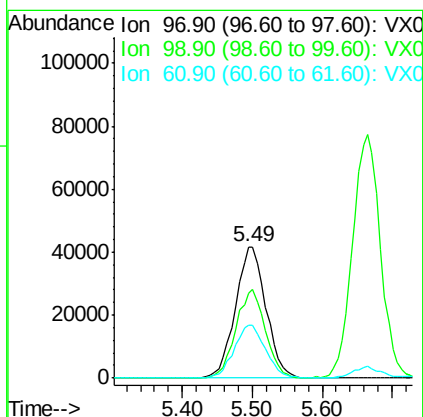
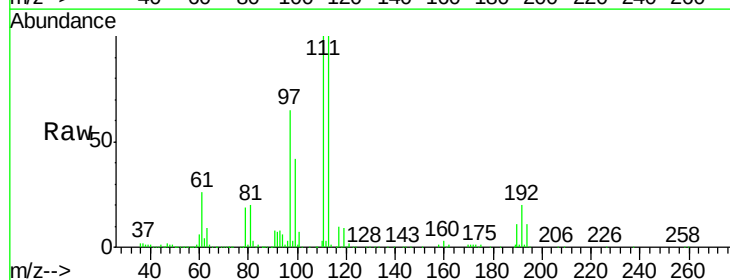
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

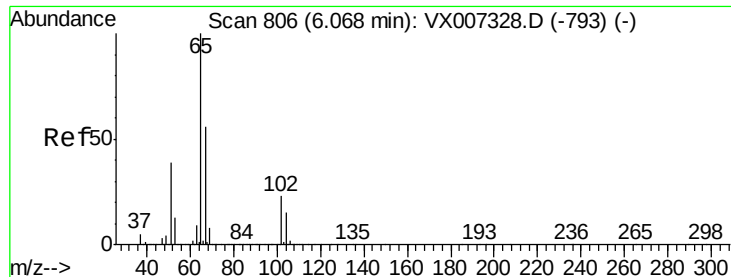
Tot Ion: 56 Resp: 109261
Ion Ratio Lower Upper
56 100
69 30.0 23.0 34.6
84 90.0 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 20.166 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Tgt Ion: 97 Resp: 126358
Ion Ratio Lower Upper
97 100
99 65.4 52.2 78.2
61 40.8 32.7 49.1

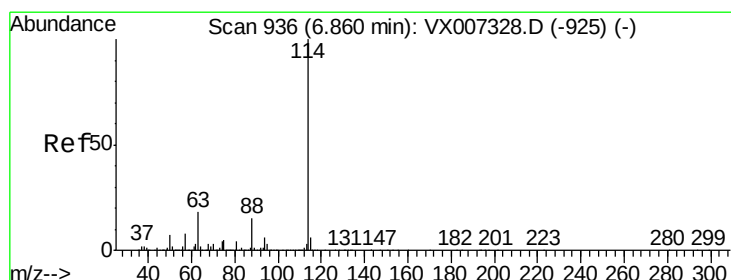
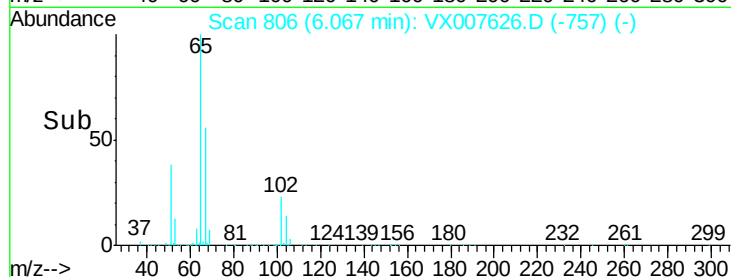
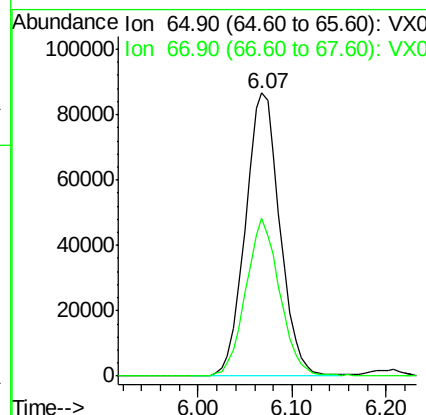
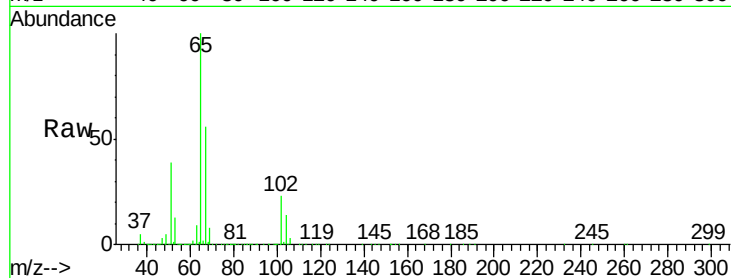




#33
 1,2-Dichloroethane-d4
 Concen: 48.216 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007626.D
 Acq: 21 Feb 2019 13:09

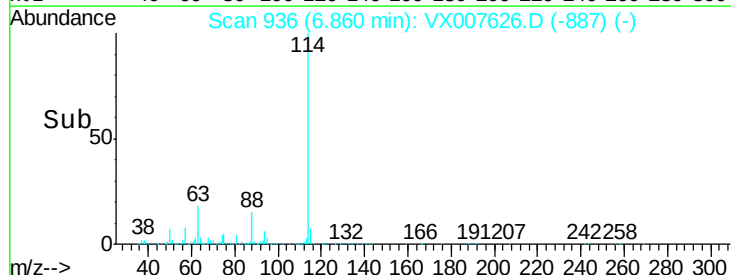
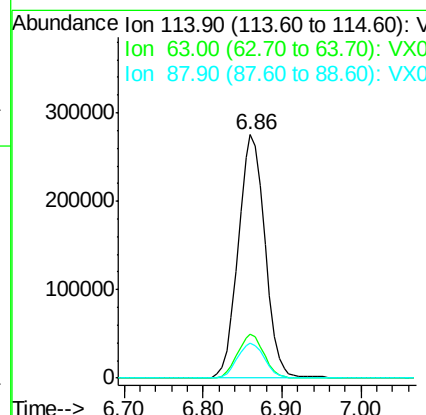
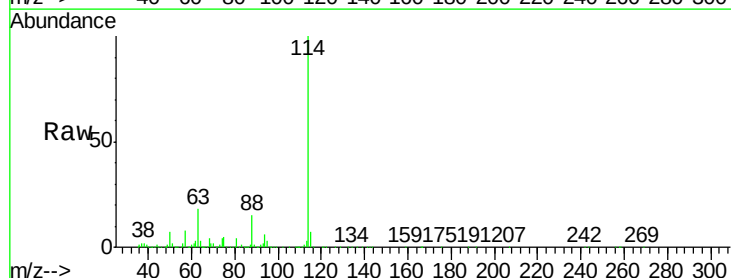
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

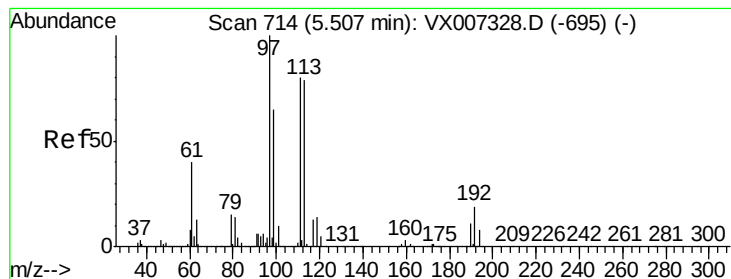
Tot Ion: 65 Resp: 221533
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007626.D
 Acq: 21 Feb 2019 13:09

Tgt Ion: 114 Resp: 648881
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.6
 88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.722 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

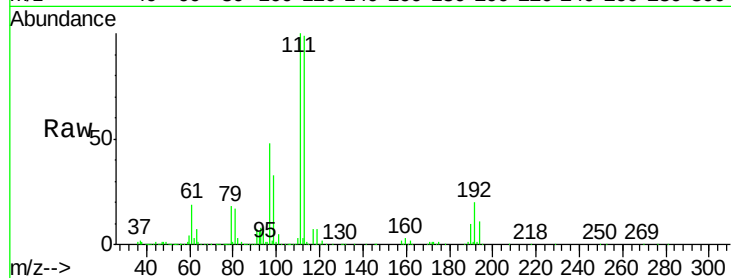
Tot Ion:113 Resp: 209929

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

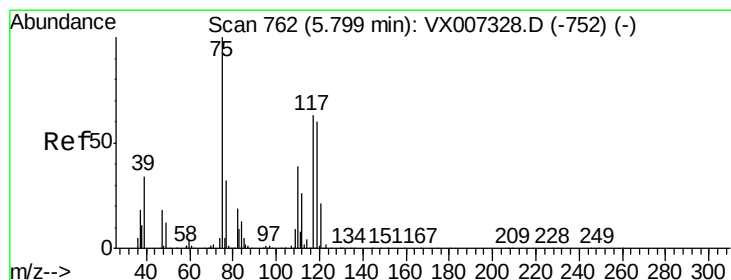
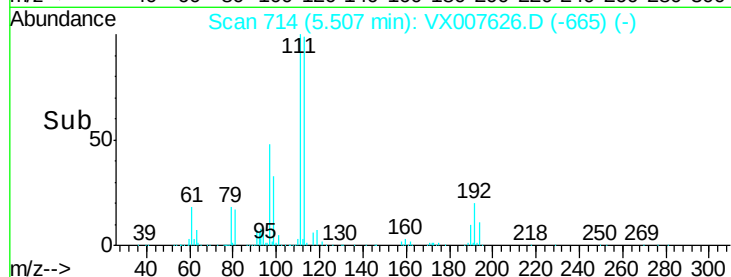
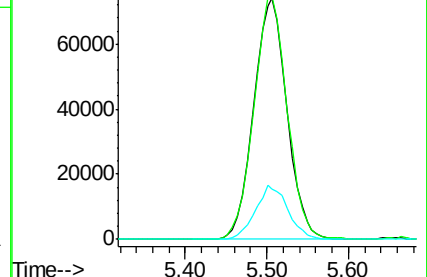
192 22.1 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.781 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

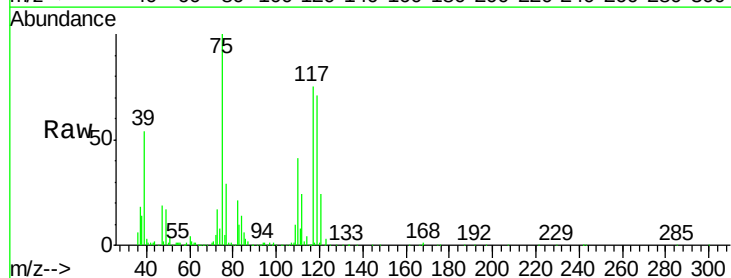
Tgt Ion: 75 Resp: 97699

Ion Ratio Lower Upper

75 100

110 40.4 20.0 59.9

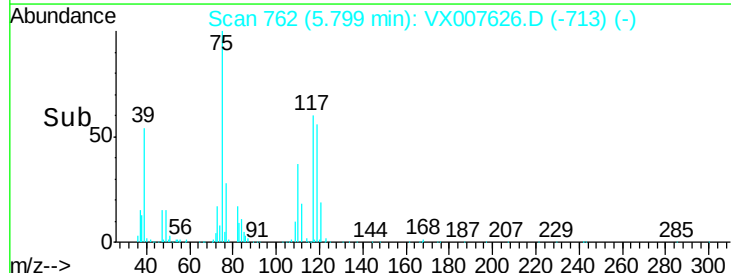
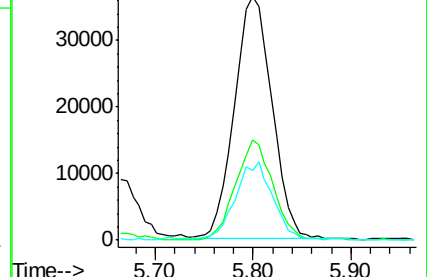
77 31.7 24.7 37.1

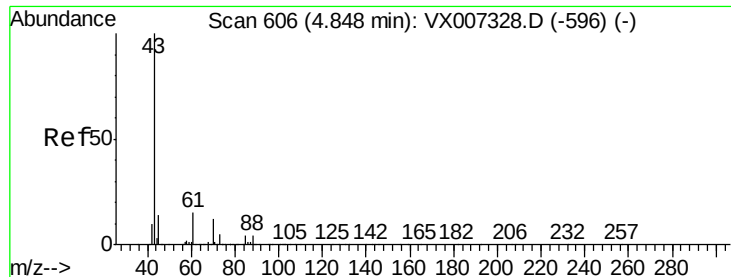


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

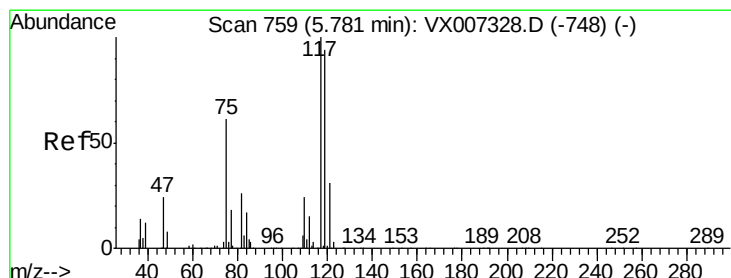
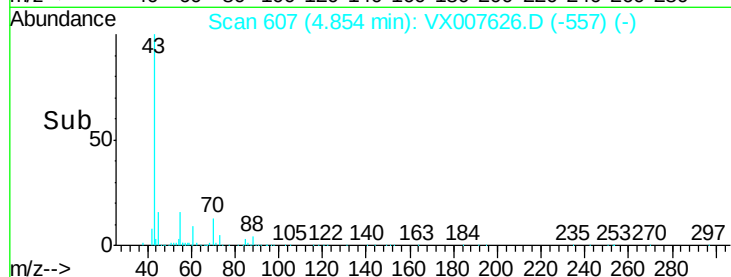
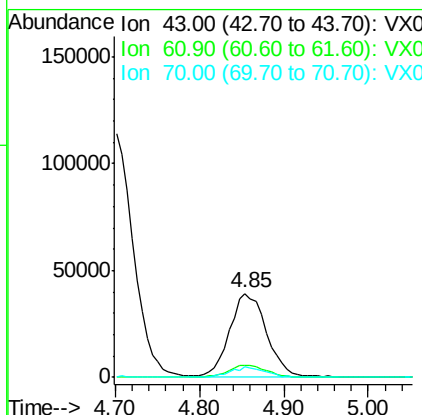
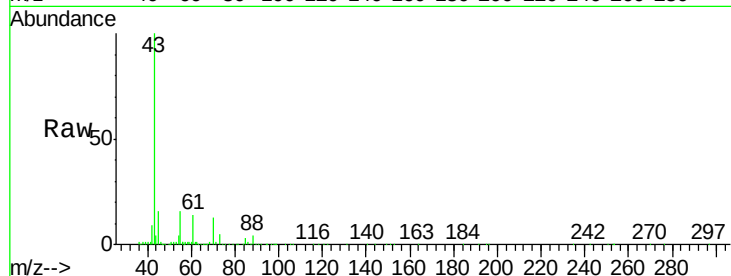




#37
Ethyl Acetate
Concen: 19.559 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

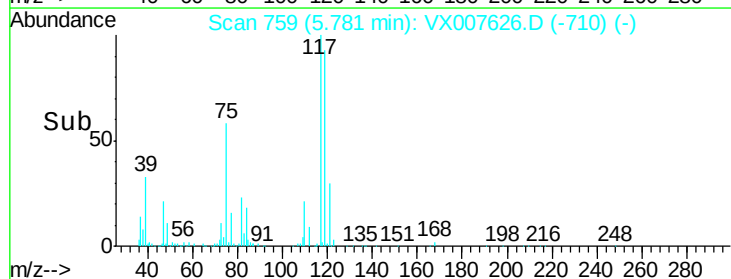
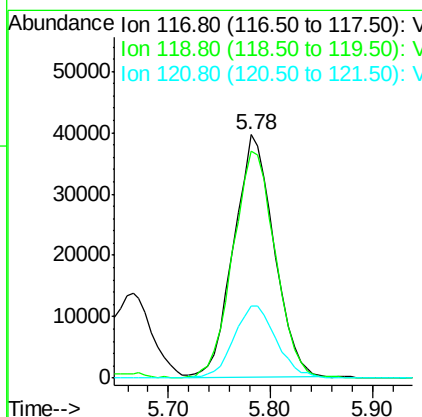
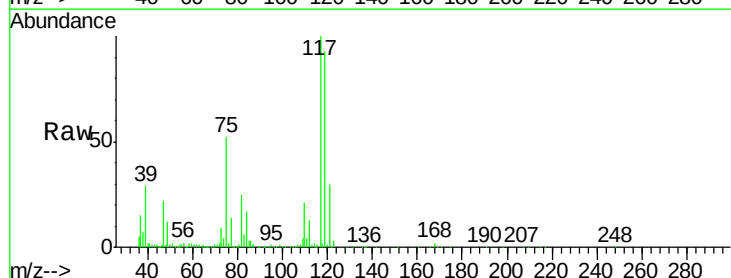
Instrument :
MSVOA_X
ClientSampled :
VX0221WBSD01

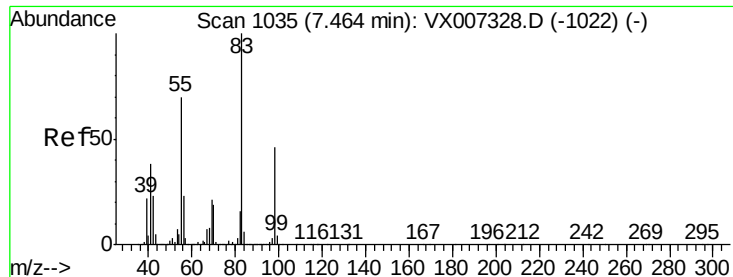
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	11.9	8.6	13.0



#38
Carbon Tetrachloride
Concen: 19.234 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.3	112.9
121	29.8	25.0	37.4

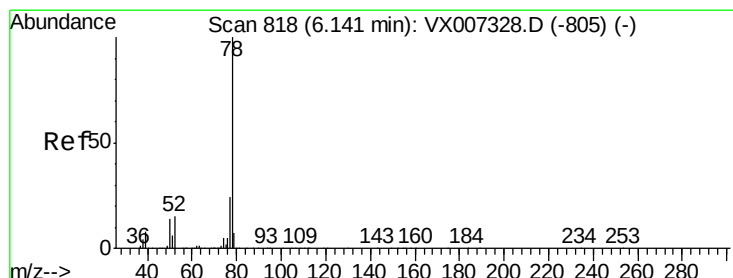
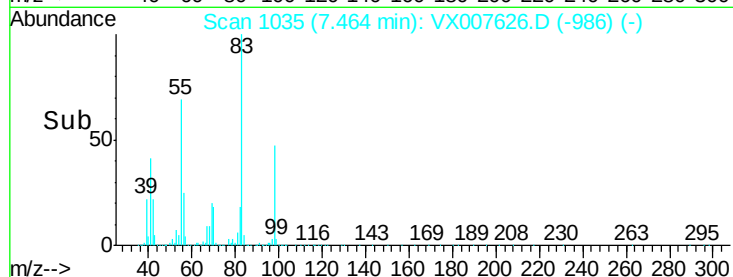
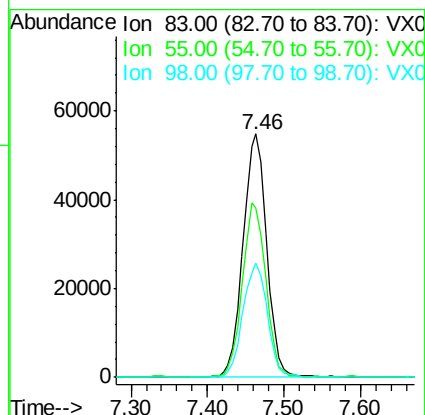
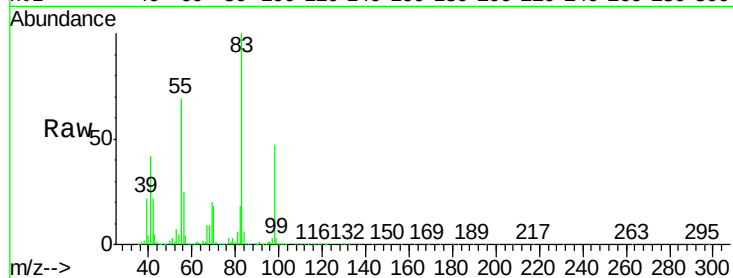




#39
Methylvlcyclohexane
Concen: 16.739 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

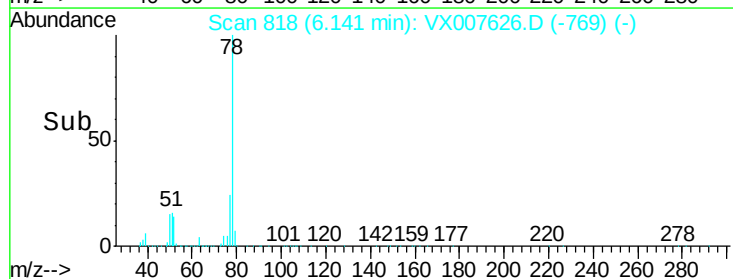
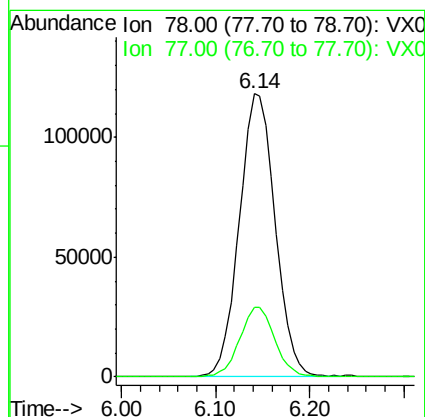
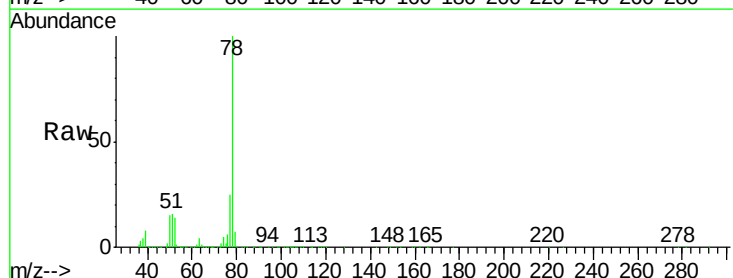
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

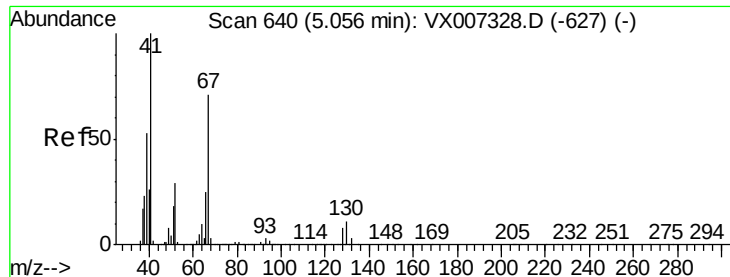
Tot Ion: 83 Resp: 117909
Ion Ratio Lower Upper
83 100
55 69.2 56.2 84.2
98 47.2 36.8 55.2



#40
Benzene
Concen: 18.417 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Tgt Ion: 78 Resp: 315854
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#41

Methacrylonitrile

Concen: 19.831 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 41 Resp: 62551

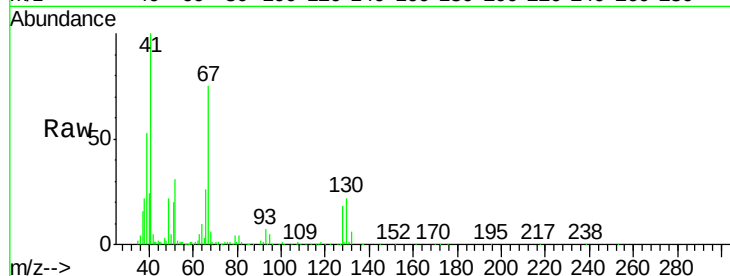
Ion Ratio Lower Upper

41 100

39 58.2 44.5 66.7

67 79.2 60.4 90.6

52 30.0 24.1 36.1

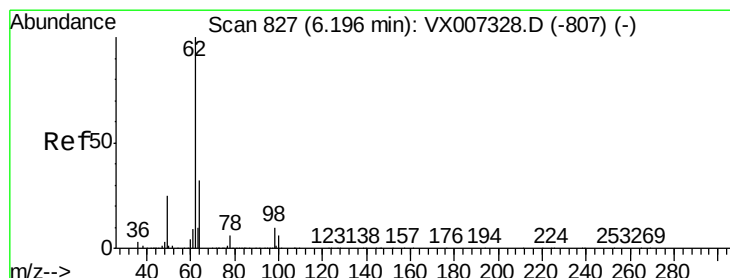
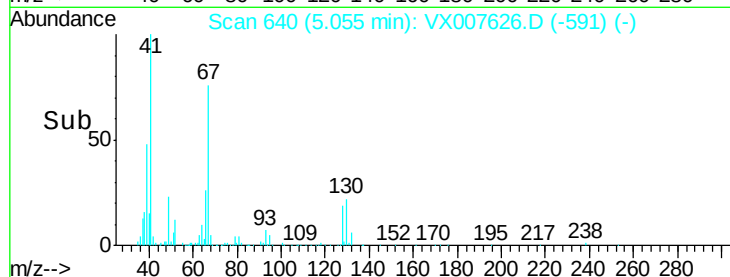
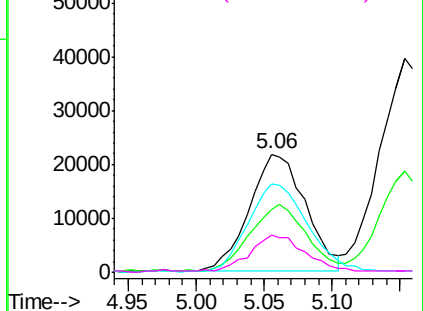


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.489 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007626.D

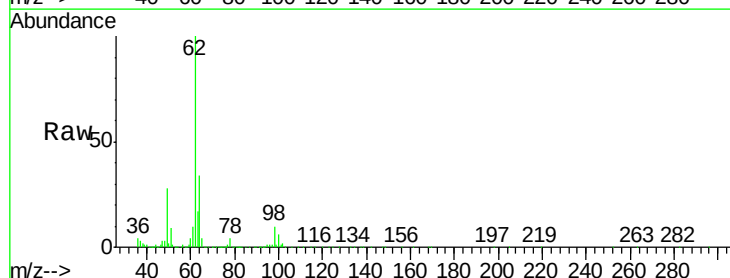
Acq: 21 Feb 2019 13:09

Tgt Ion: 62 Resp: 109707

Ion Ratio Lower Upper

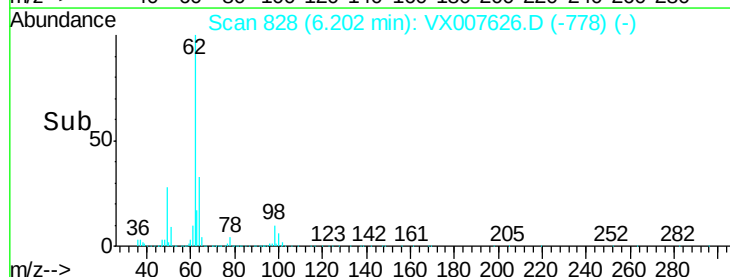
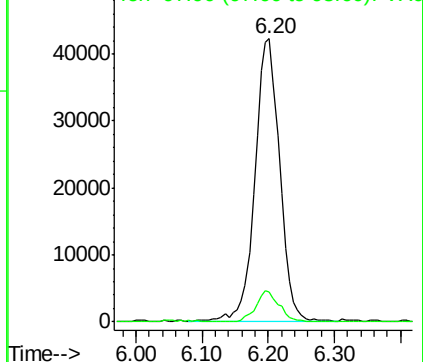
62 100

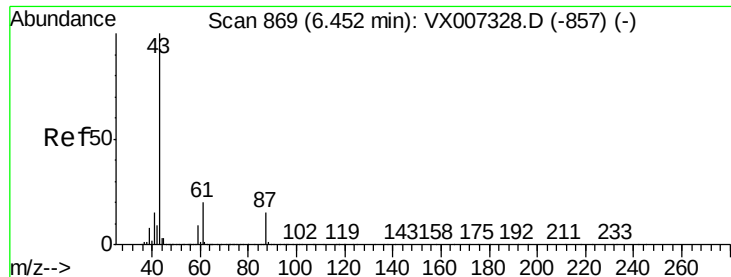
98 10.4 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.668 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

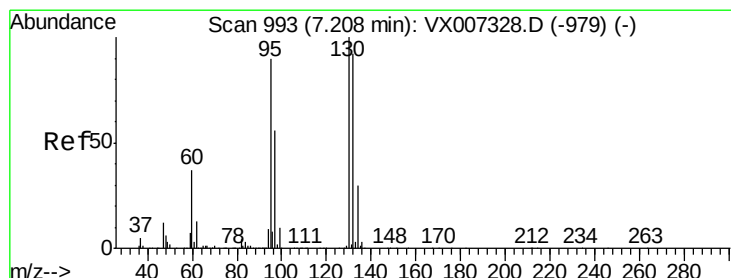
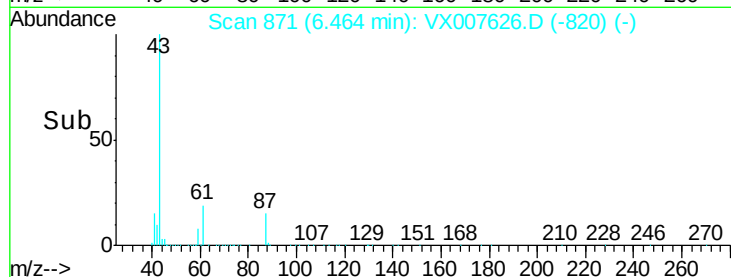
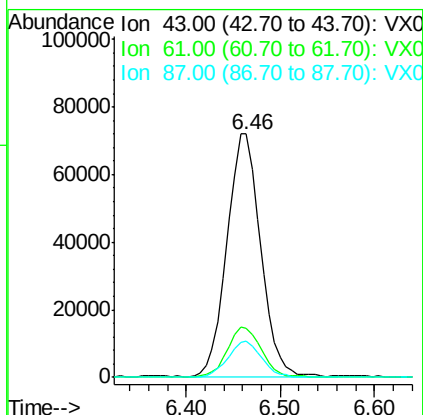
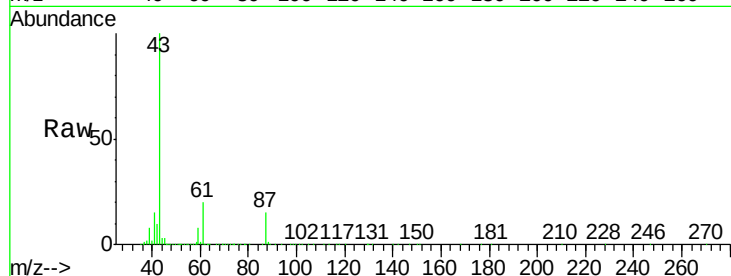
Tot Ion: 43 Resp: 178669

Ion Ratio Lower Upper

43 100

61 21.0 16.1 24.1

87 15.2 11.5 17.3



#44

Trichloroethene

Concen: 18.136 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX007626.D

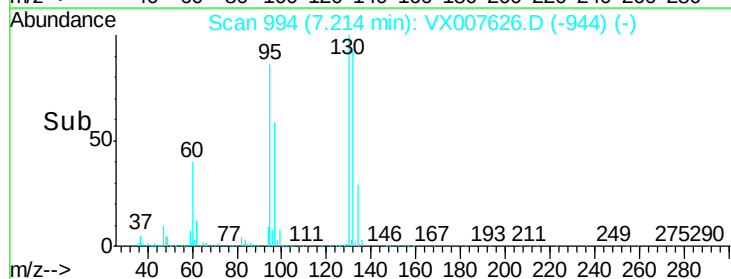
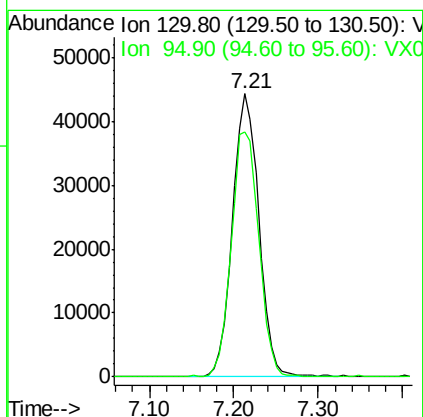
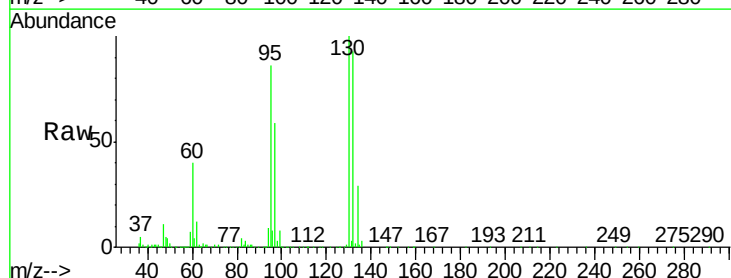
Acq: 21 Feb 2019 13:09

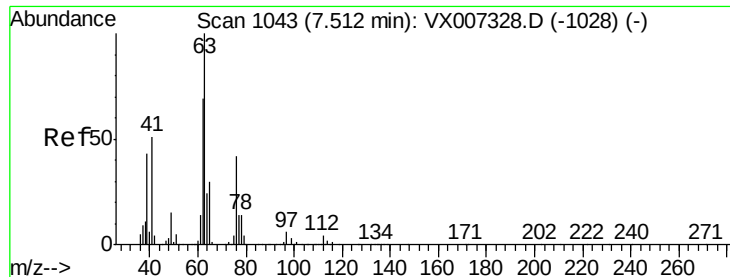
Tgt Ion:130 Resp: 93677

Ion Ratio Lower Upper

130 100

95 86.2 0.0 180.0





#45

1,2-Dichloropropane

Concen: 18.667 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

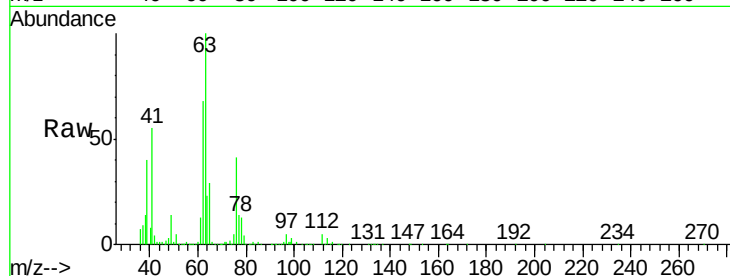
VX0221WBSD01

Tot Ion: 63 Resp: 80211

Ion Ratio Lower Upper

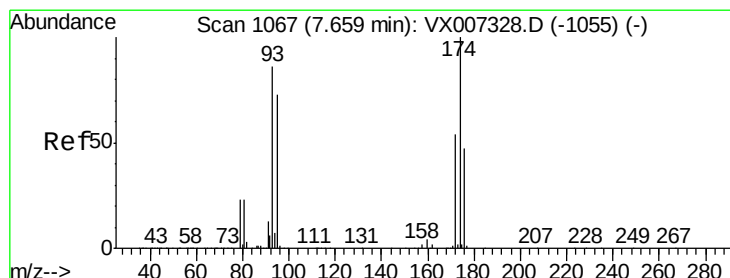
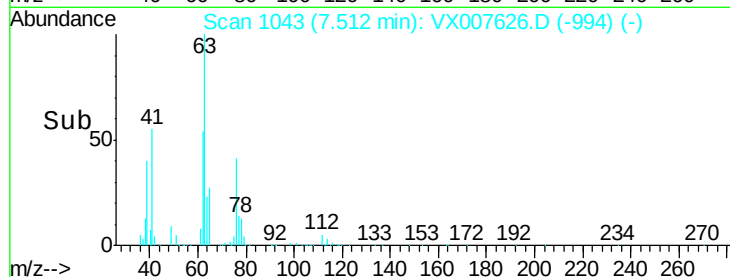
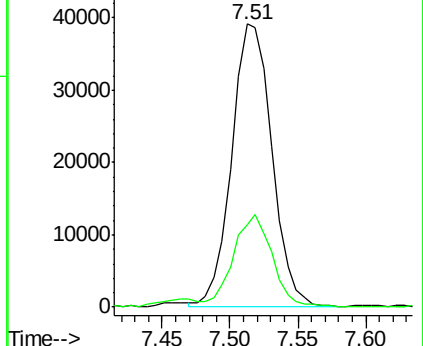
63 100

65 29.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.021 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

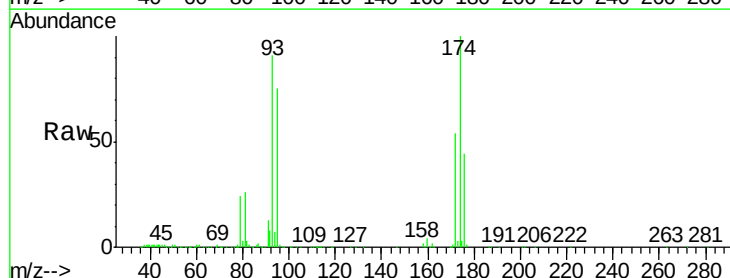
Tgt Ion: 93 Resp: 59403

Ion Ratio Lower Upper

93 100

95 82.5 67.6 101.4

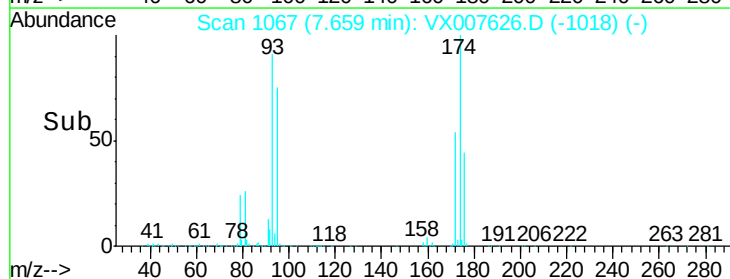
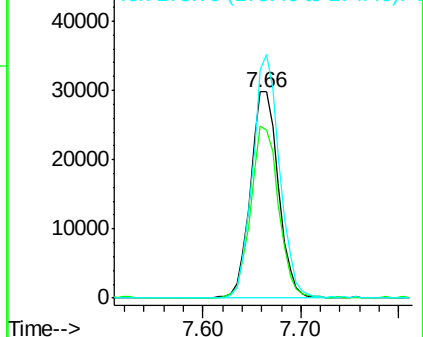
174 112.7 94.2 141.4

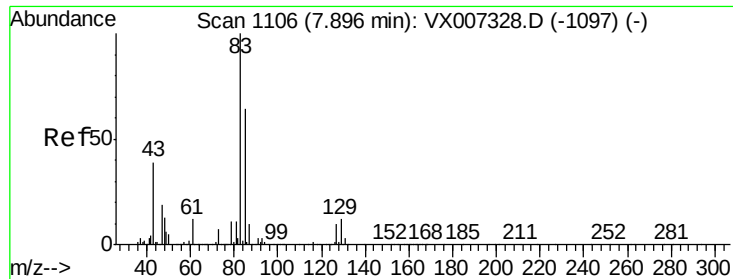


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.862 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

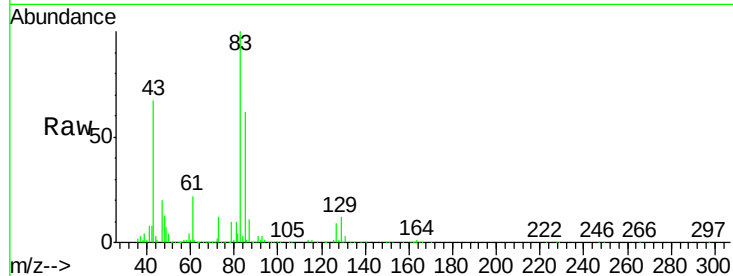
Tot Ion: 83 Resp: 105126

Ion Ratio Lower Upper

83 100

85 61.9 51.4 77.0

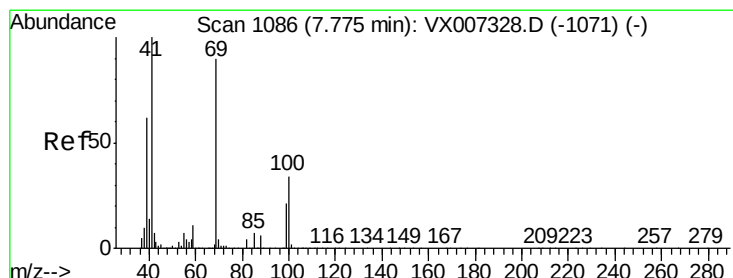
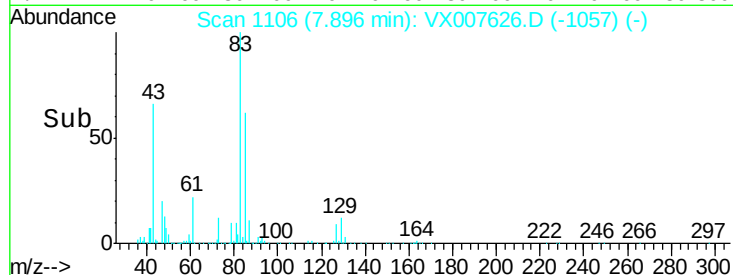
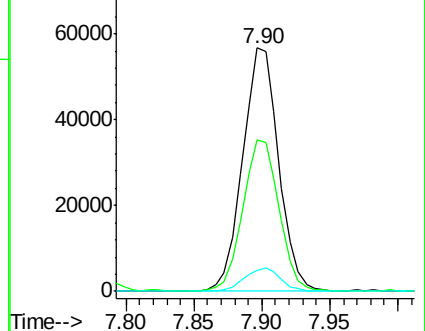
127 8.5 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.345 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

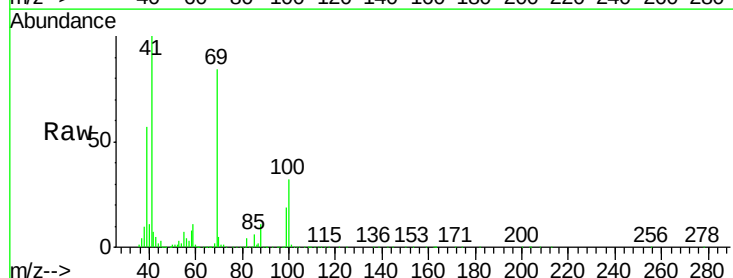
Tgt Ion: 41 Resp: 92446

Ion Ratio Lower Upper

41 100

69 87.2 70.2 105.4

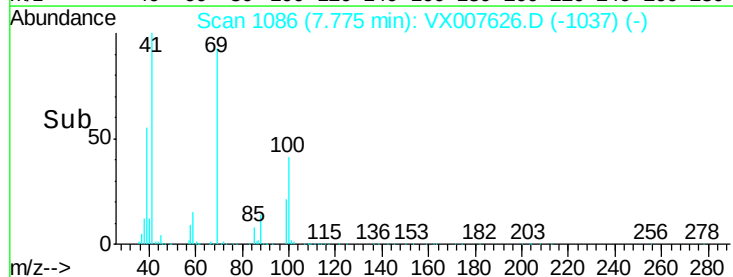
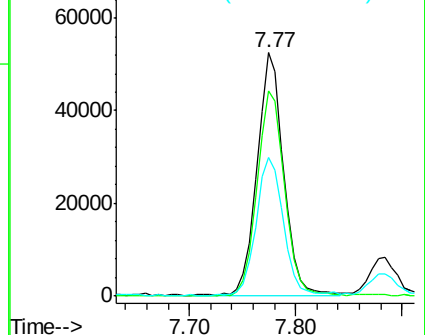
39 57.4 47.4 71.0

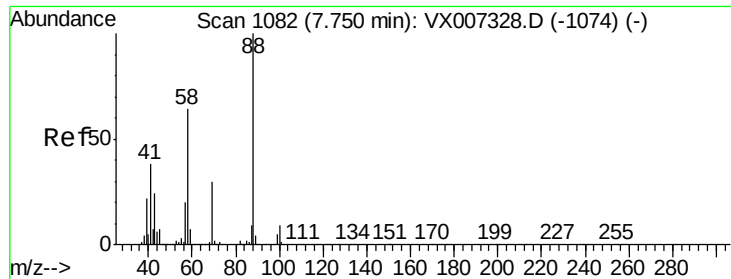


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

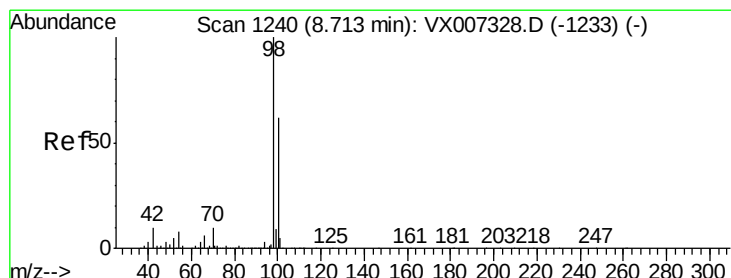
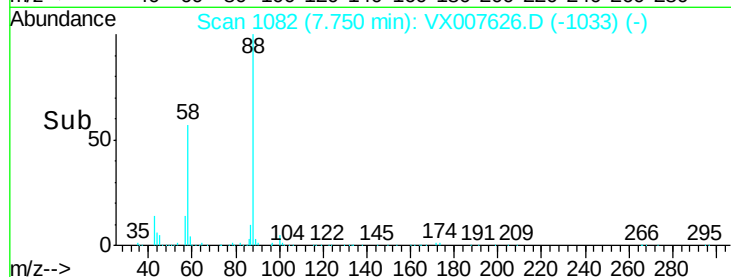
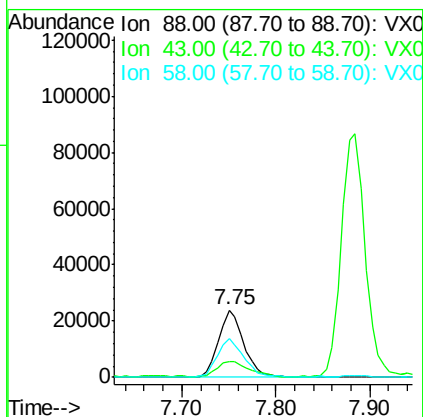
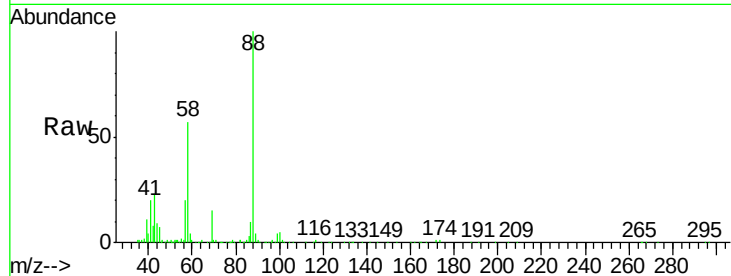




#49
1,4-Dioxane
Concen: 439.244 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

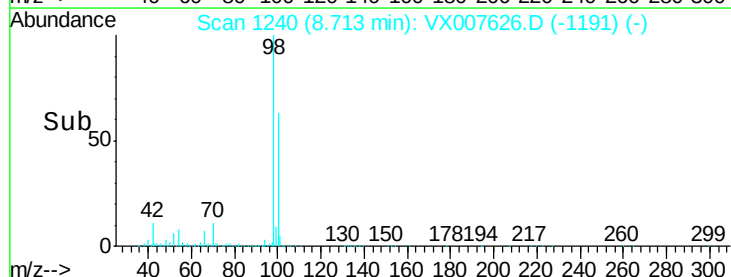
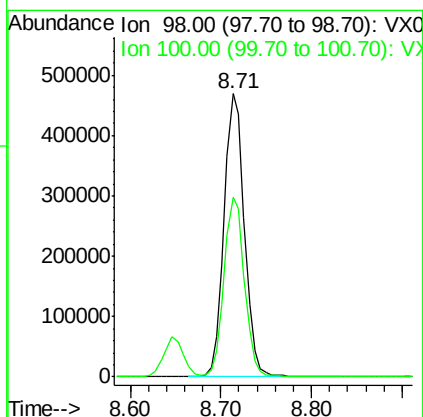
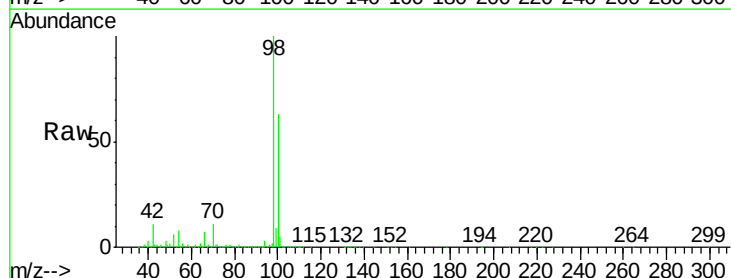
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

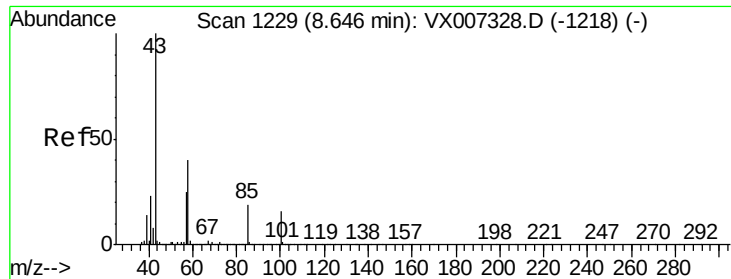
Tot Ion: 88 Resp: 44988
Ion Ratio Lower Upper
88 100
43 28.4 24.2 36.4
58 58.9 53.0 79.4



#50
Toluene-d8
Concen: 46.693 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Tgt Ion: 98 Resp: 731417
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 101.571 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

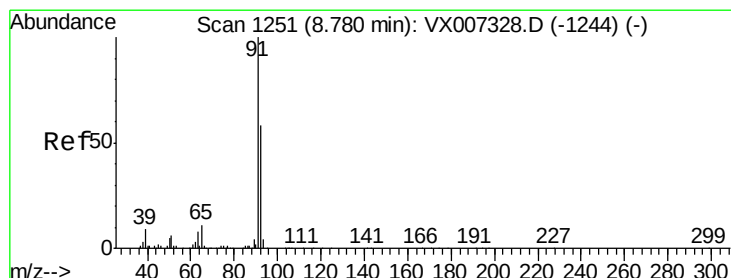
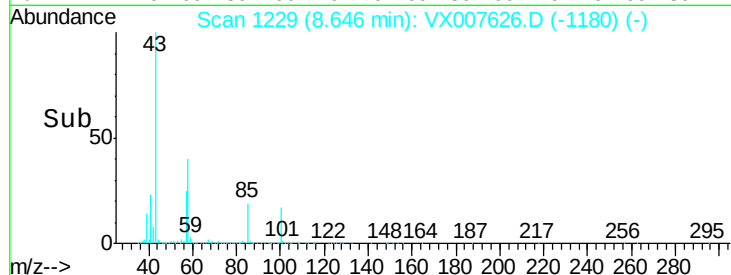
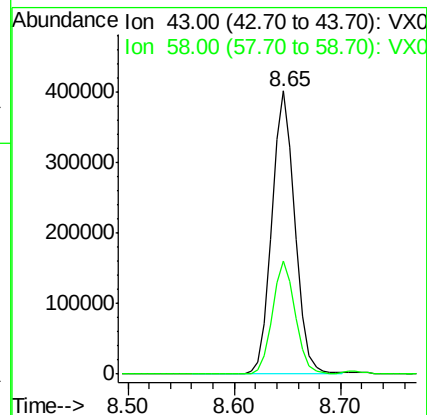
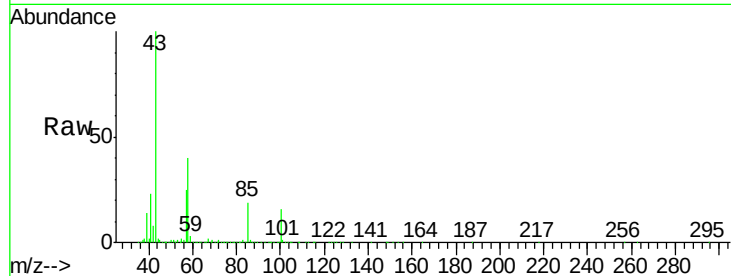
VX0221WBSD01

Tot Ion: 43 Resp: 607408

Ion Ratio Lower Upper

43 100

58 39.8 31.2 46.8



#52

Toluene

Concen: 17.962 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007626.D

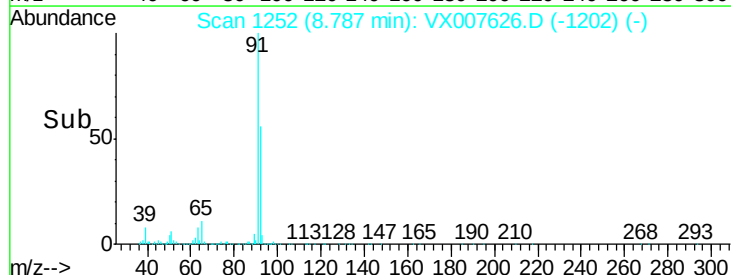
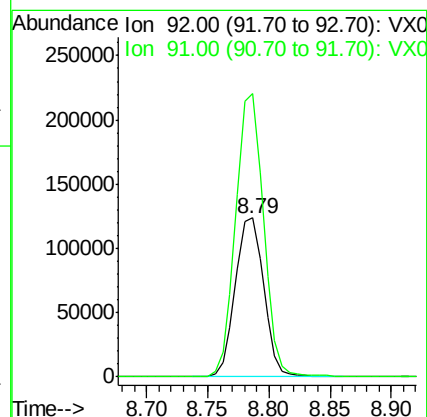
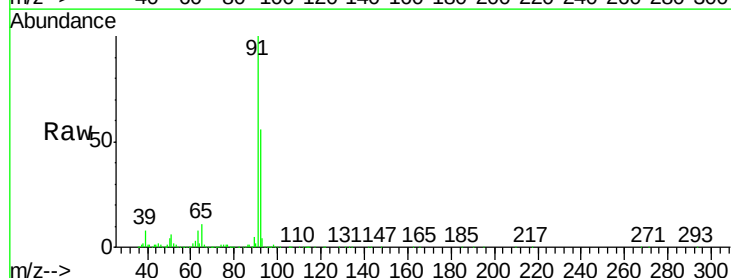
Acq: 21 Feb 2019 13:09

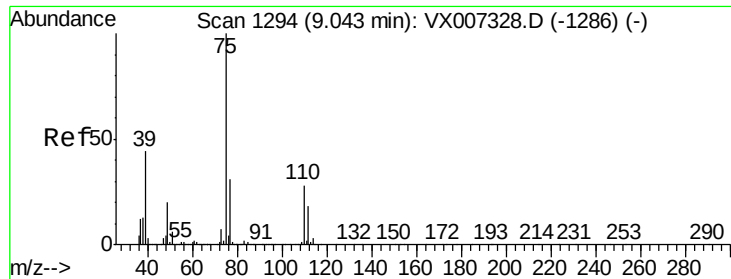
Tgt Ion: 92 Resp: 198744

Ion Ratio Lower Upper

92 100

91 175.8 139.1 208.7

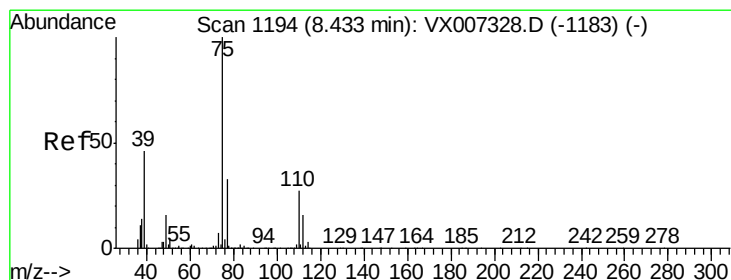
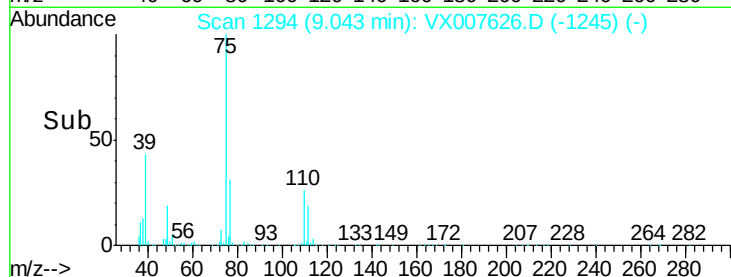
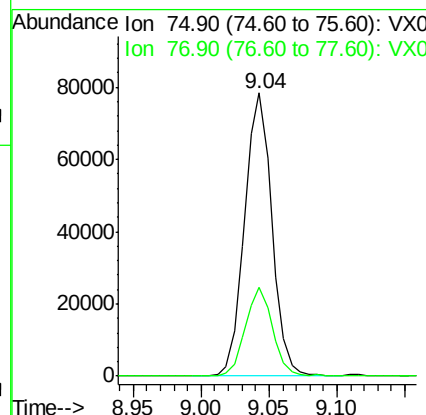
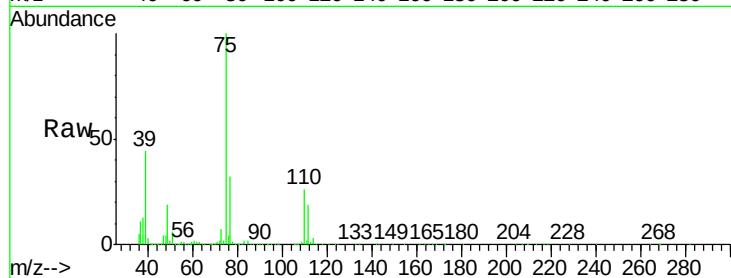




#53
 t-1,3-Dichloropropene
 Concen: 19.289 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX007626.D
 Acq: 21 Feb 2019 13:09

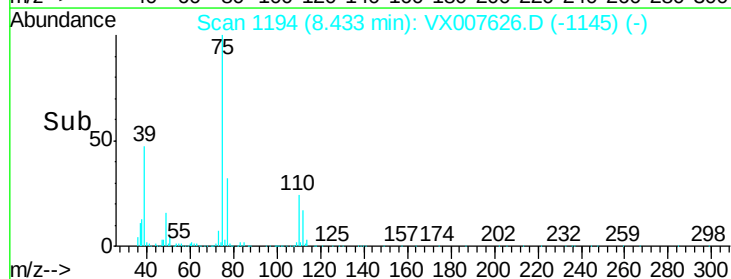
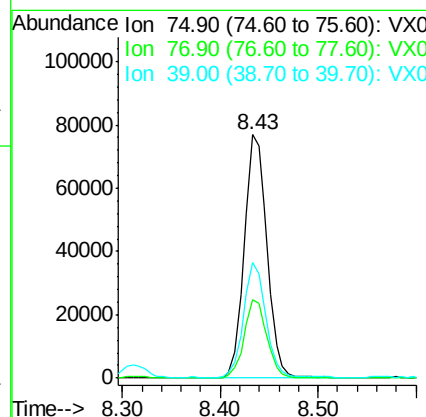
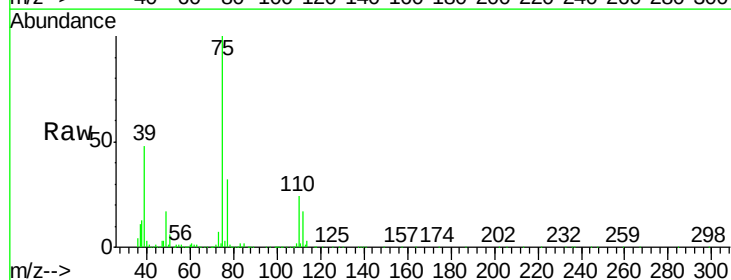
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

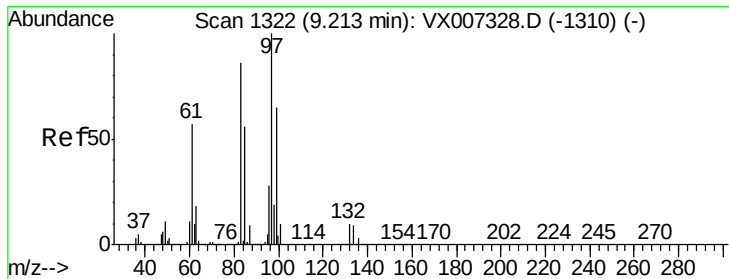
Tot Ion: 75 Resp: 109663
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.795 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX007626.D
 Acq: 21 Feb 2019 13:09

Tgt Ion: 75 Resp: 123763
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.4
 39 47.3 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.288 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 97 Resp: 88962

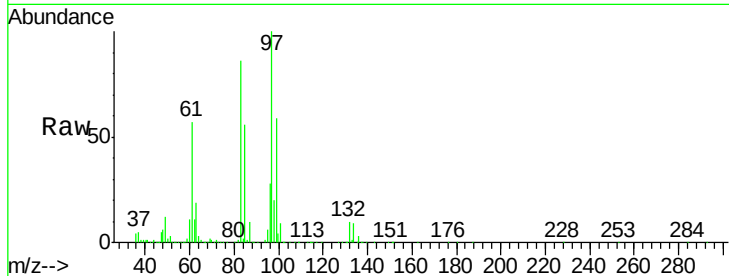
Ion Ratio Lower Upper

97 100

83 85.6 68.6 102.8

85 55.8 44.5 66.7

99 59.0 52.2 78.4



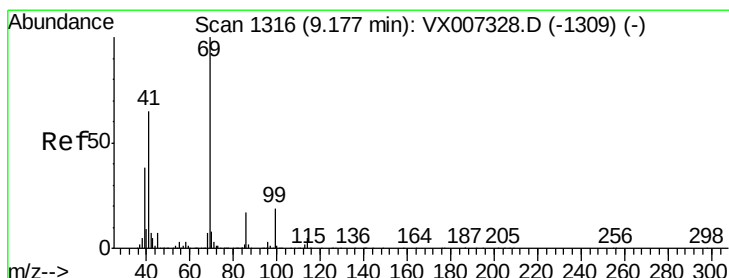
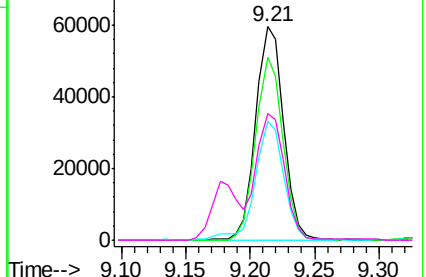
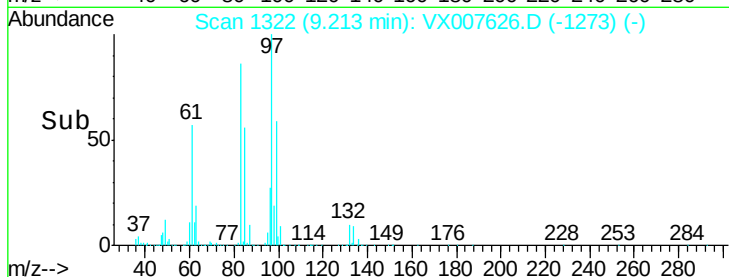
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->



#56

Ethyl methacrylate

Concen: 18.804 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

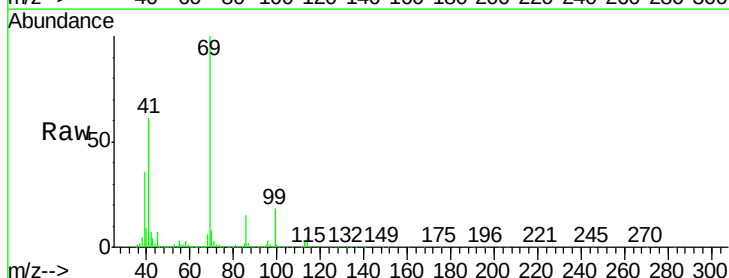
Tgt Ion: 69 Resp: 120122

Ion Ratio Lower Upper

69 100

41 63.9 52.1 78.1

39 37.4 30.1 45.1

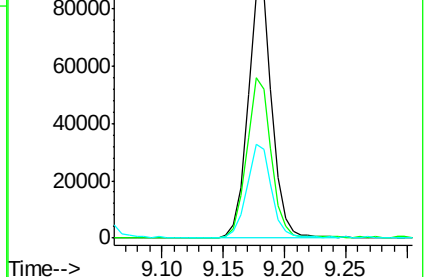
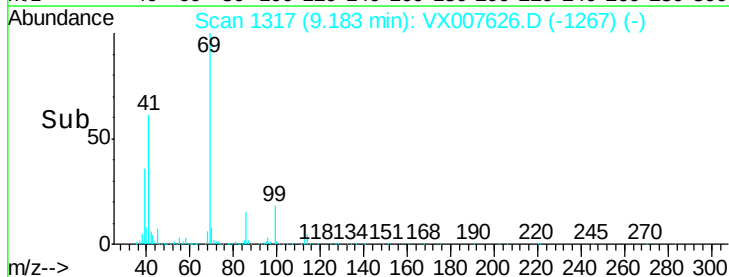


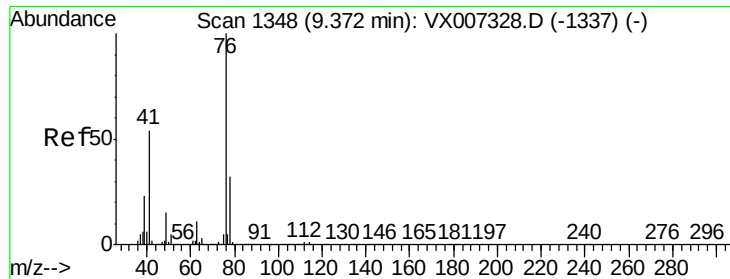
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#57

1,3-Dichloropropane

Concen: 19.034 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

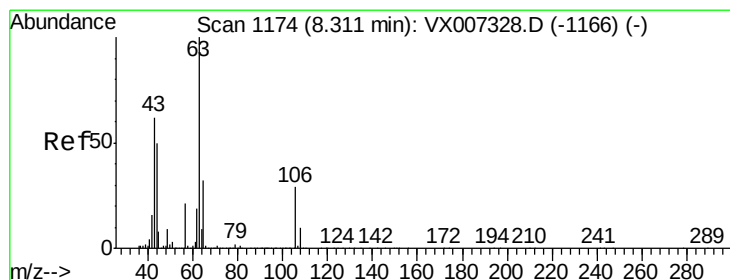
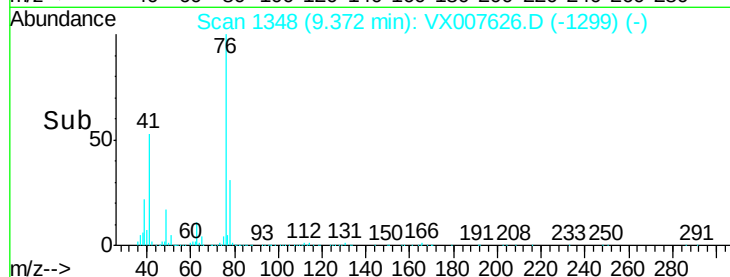
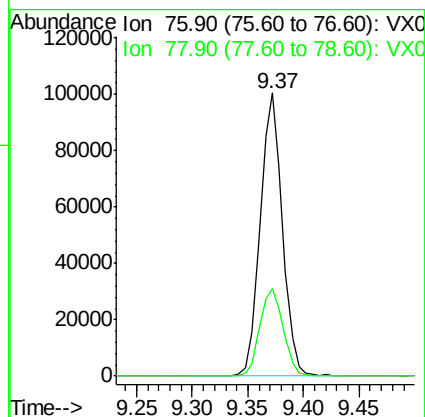
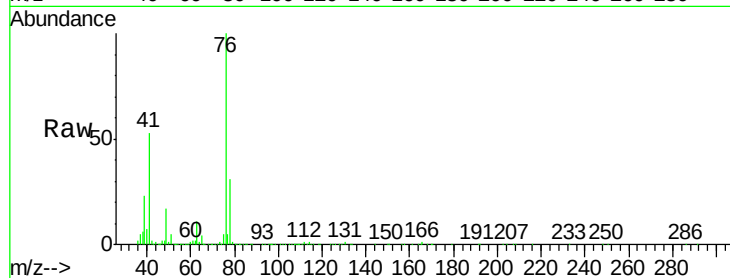
VX0221WBSD01

Tot Ion: 76 Resp: 139611

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.605 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007626.D

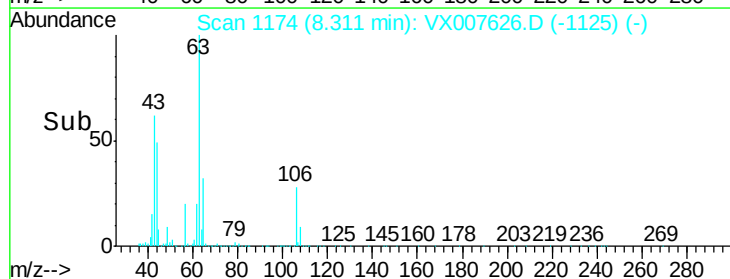
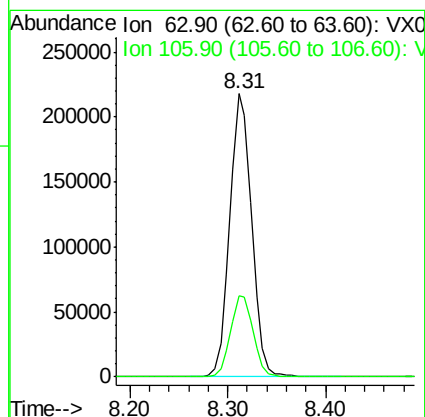
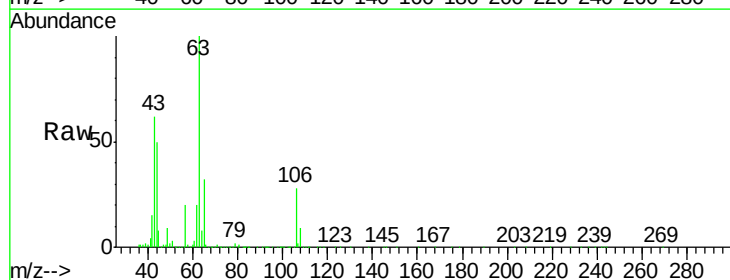
Acq: 21 Feb 2019 13:09

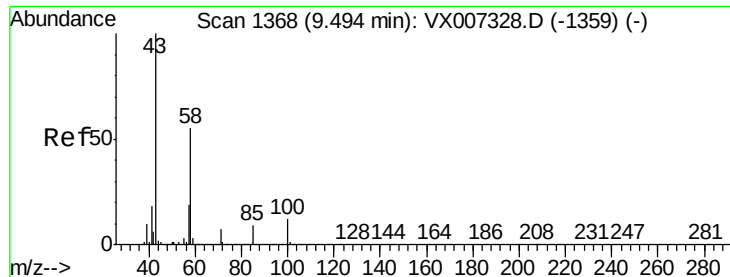
Tgt Ion: 63 Resp: 338744

Ion Ratio Lower Upper

63 100

106 29.7 23.6 35.4

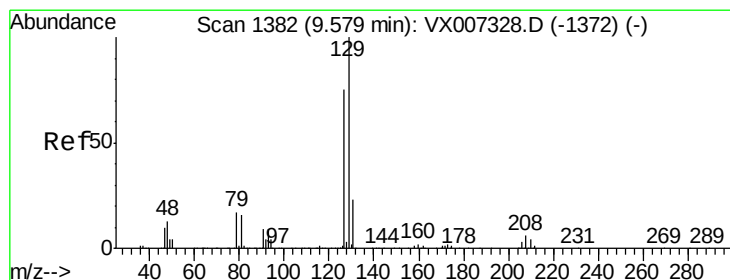
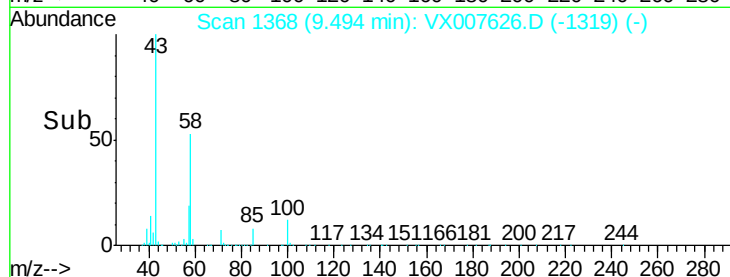
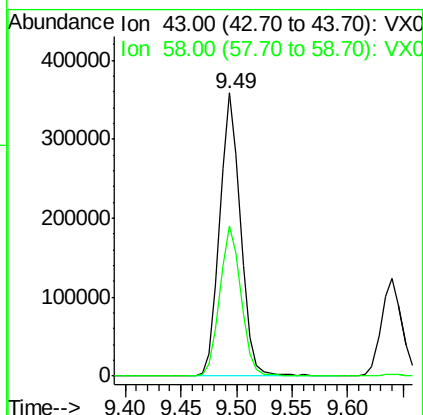
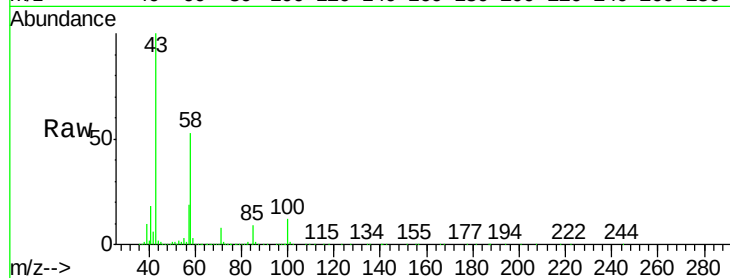




#59
2-Hexanone
Concen: 100.189 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

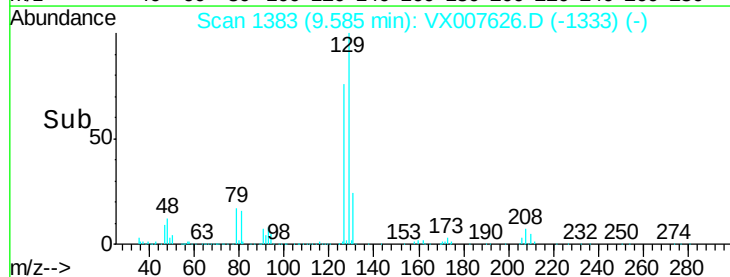
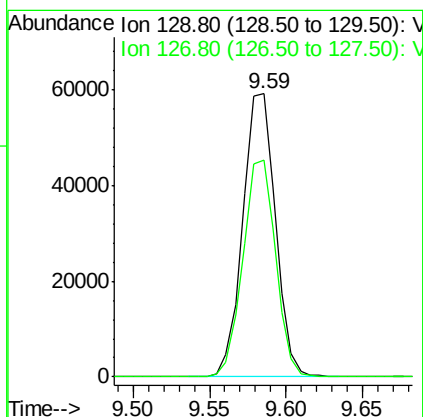
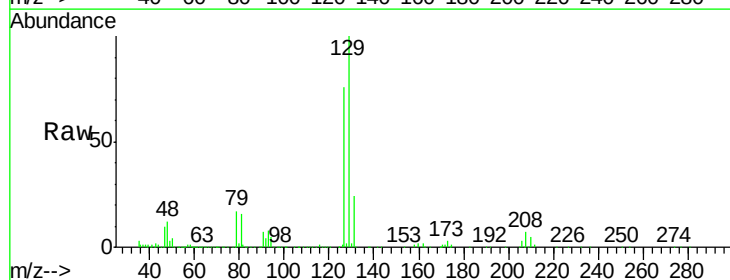
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

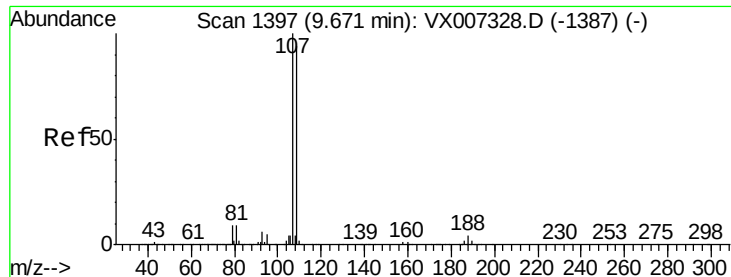
Tot Ion: 43 Resp: 466232
Ion Ratio Lower Upper
43 100
58 53.9 27.1 81.3



#60
Dibromochloromethane
Concen: 20.243 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Tgt Ion:129 Resp: 88305
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.008 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

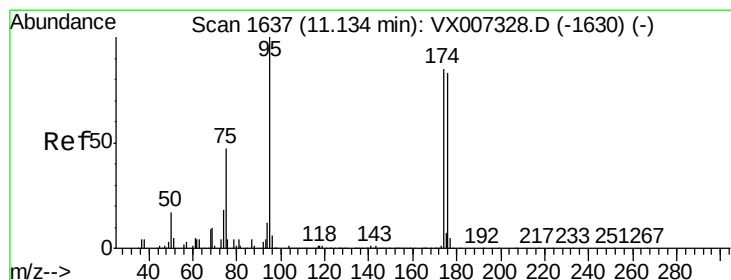
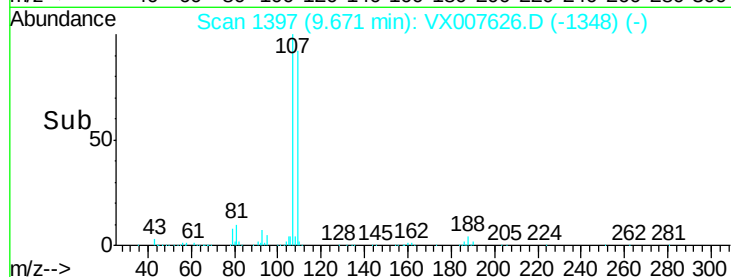
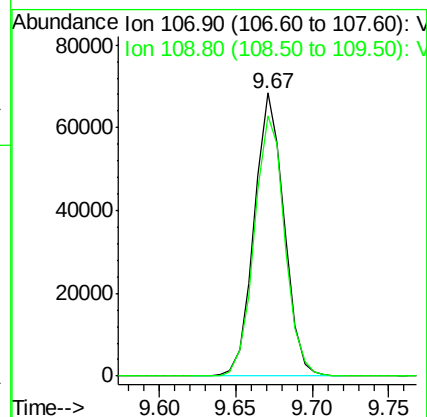
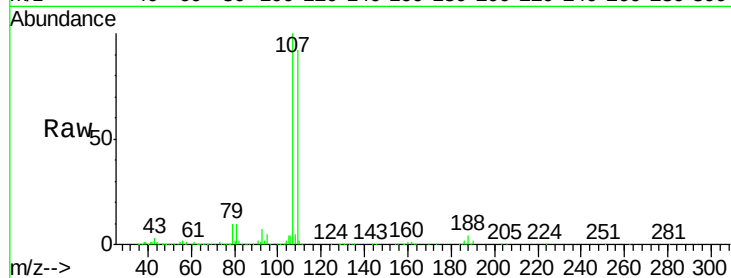
VX0221WBSD01

Tot Ion:107 Resp: 92844

Ion Ratio Lower Upper

107 100

109 93.9 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 44.681 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

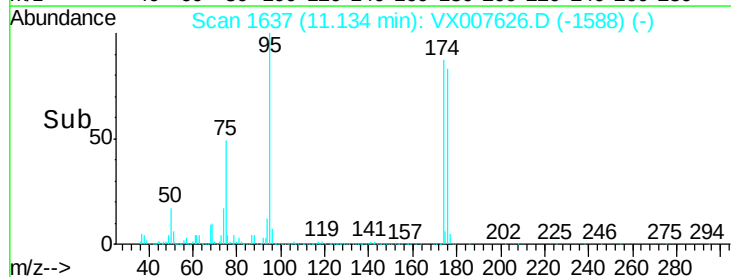
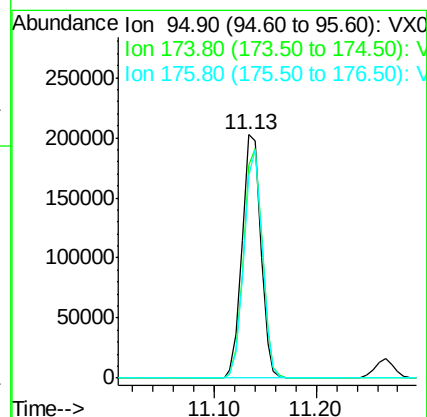
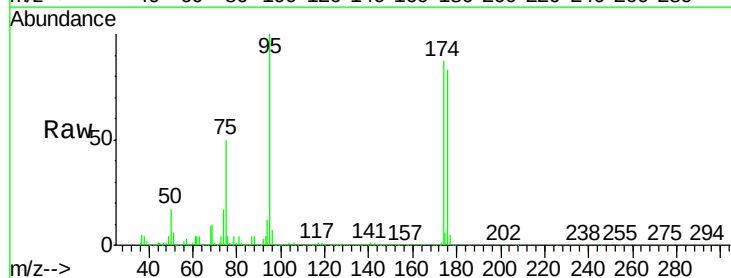
Tgt Ion: 95 Resp: 255538

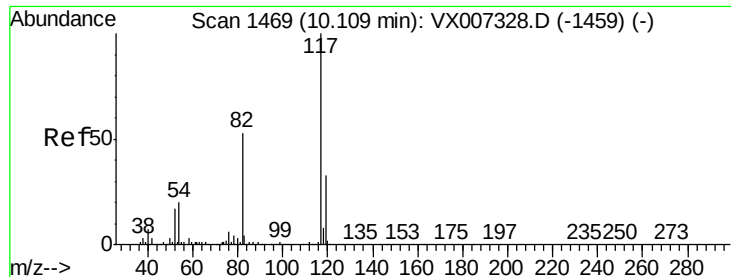
Ion Ratio Lower Upper

95 100

174 94.3 0.0 189.2

176 91.4 0.0 186.2

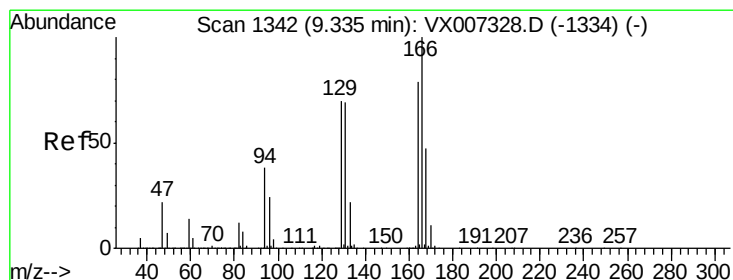
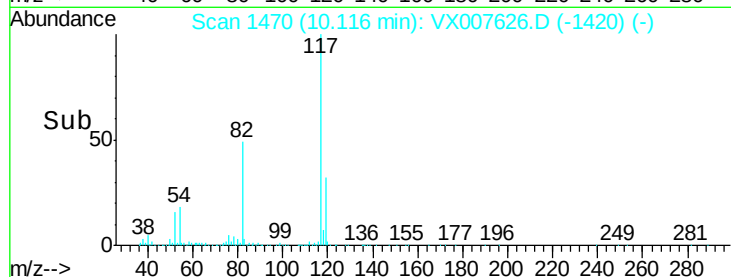
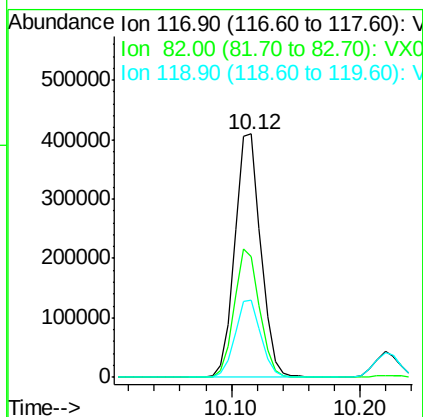
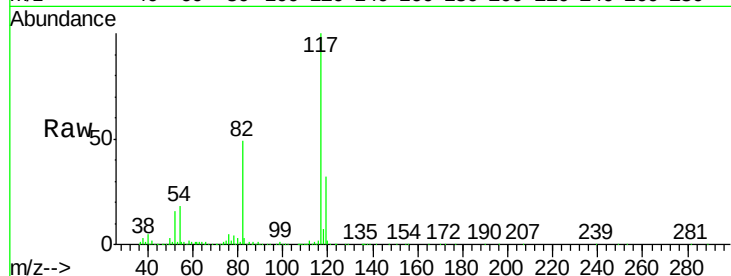




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

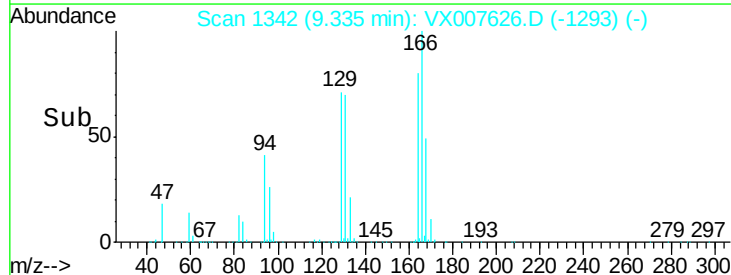
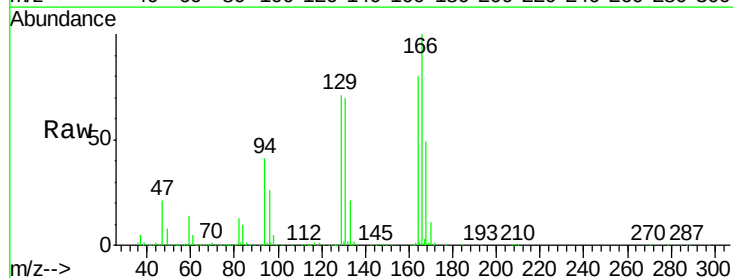
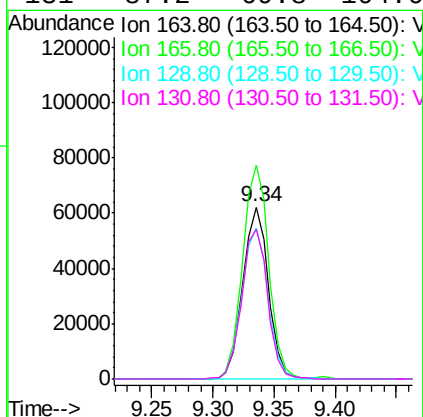
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

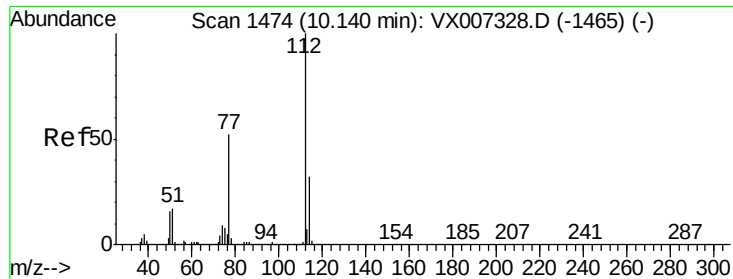
Tot Ion:117 Resp: 573948
Ion Ratio Lower Upper
117 100
82 49.4 42.1 63.1
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 16.646 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Tgt Ion:164 Resp: 90049
Ion Ratio Lower Upper
164 100
166 124.5 101.0 151.4
129 88.3 70.5 105.7
131 87.2 69.8 104.6





#65

Chlorobenzene

Concen: 18.681 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

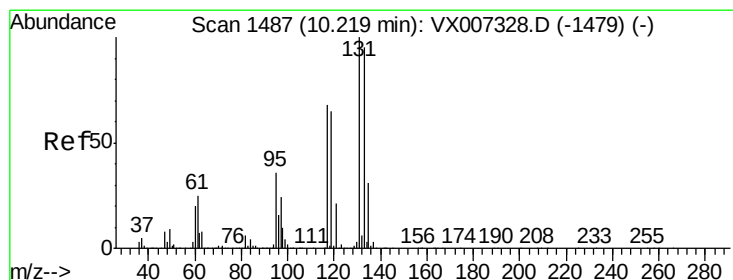
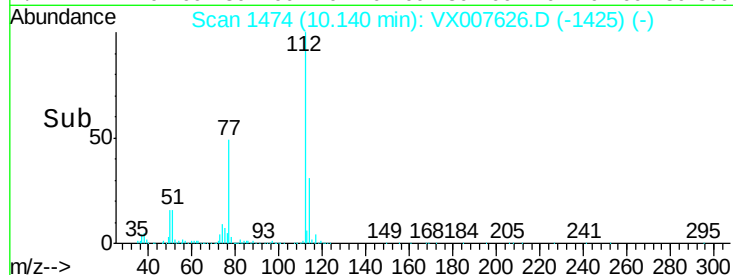
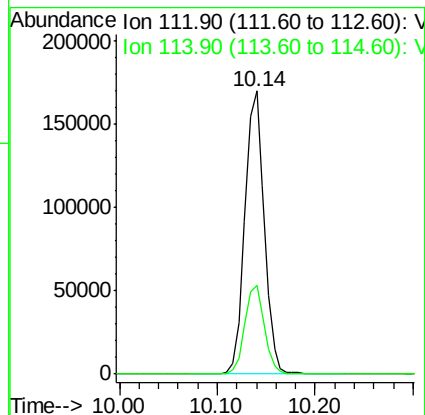
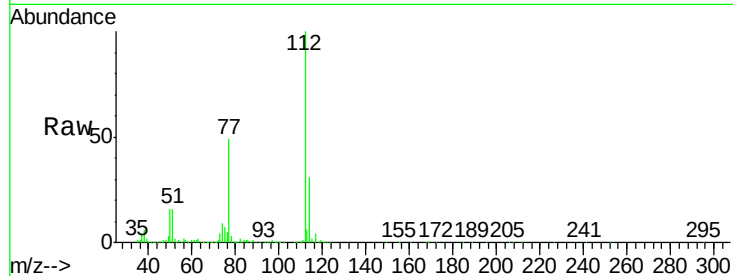
VX0221WBSD01

Tot Ion:112 Resp: 233976

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.752 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

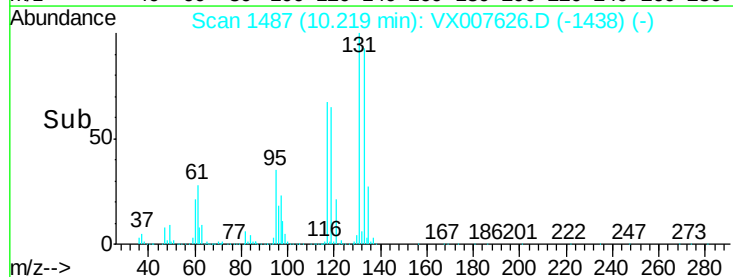
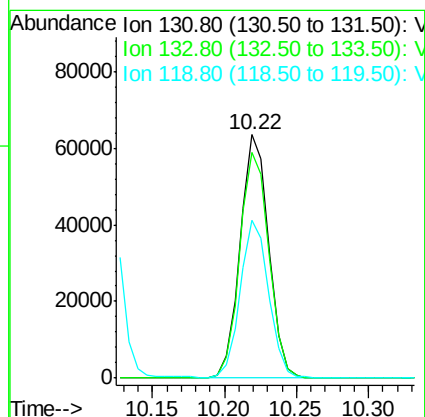
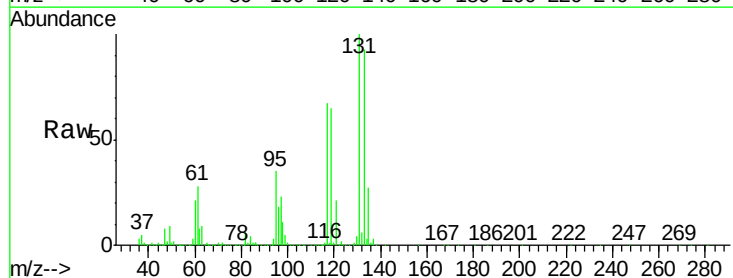
Tgt Ion:131 Resp: 87142

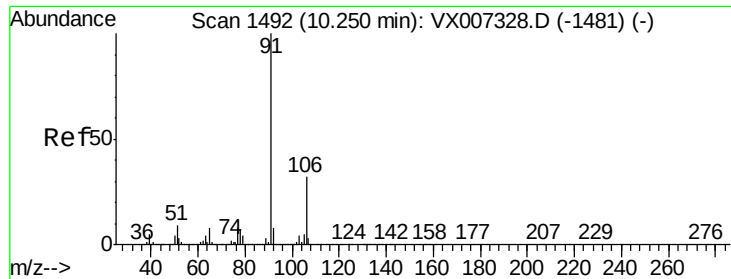
Ion Ratio Lower Upper

131 100

133 94.5 48.0 144.2

119 64.0 32.0 96.0





#67

Ethyl Benzene

Concen: 18.105 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

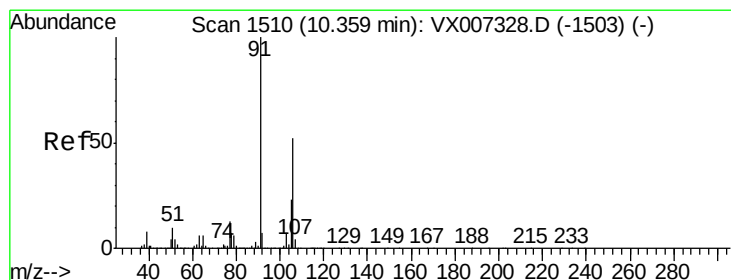
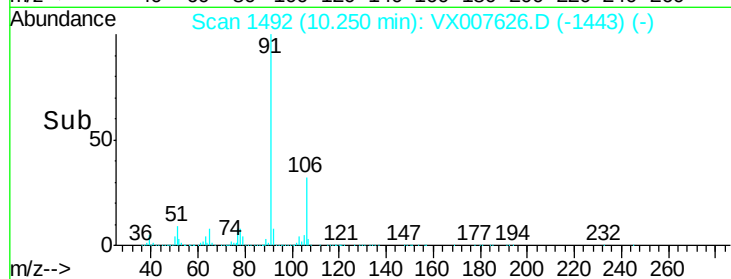
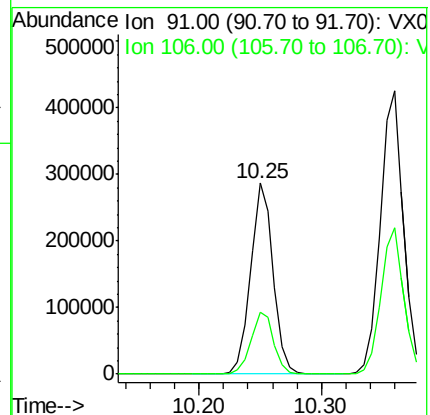
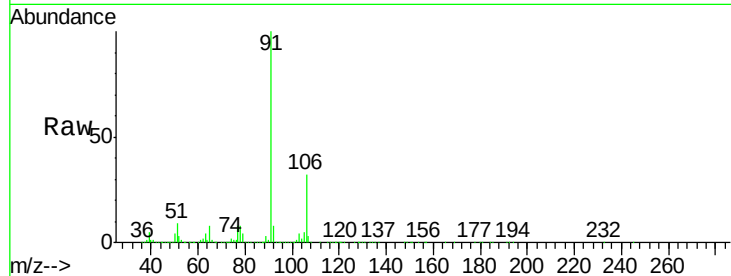
VX0221WBSD01

Tot Ion: 91 Resp: 365164

Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.0



#68

m/p-Xylenes

Concen: 35.654 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007626.D

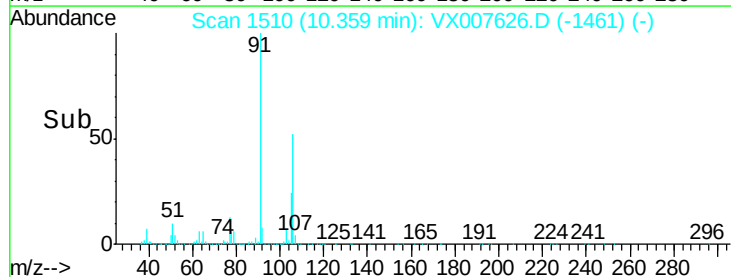
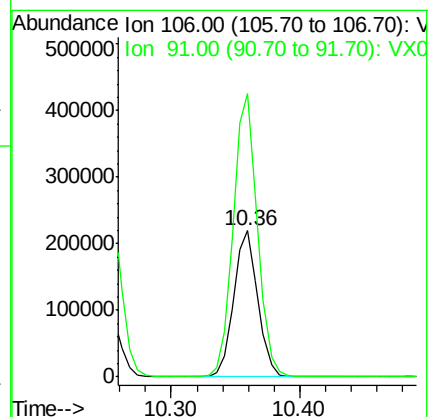
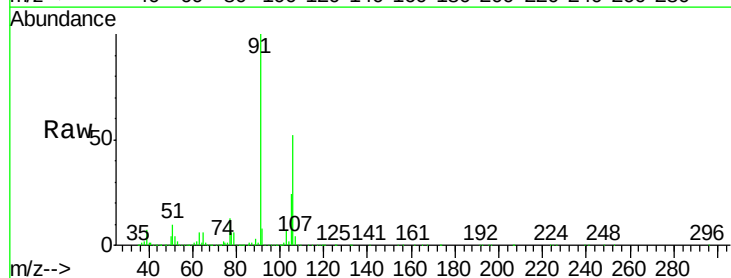
Acq: 21 Feb 2019 13:09

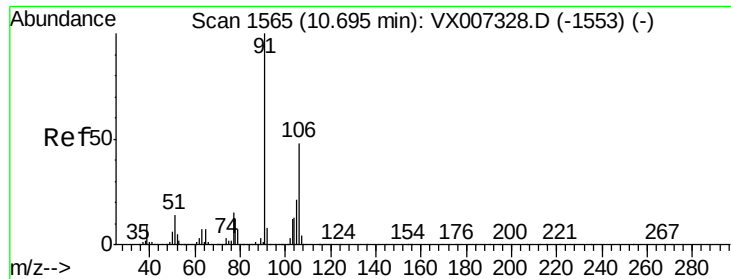
Tgt Ion: 106 Resp: 285859

Ion Ratio Lower Upper

106 100

91 195.8 156.6 234.8

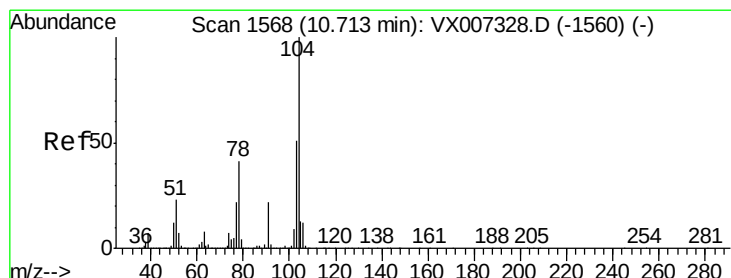
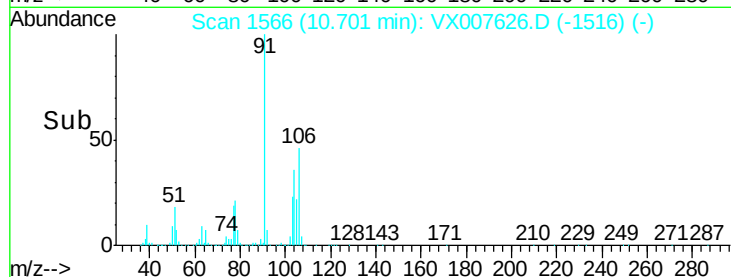
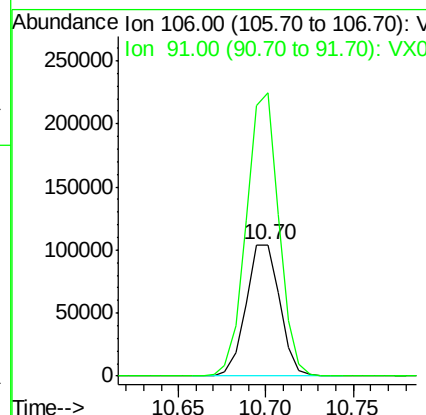
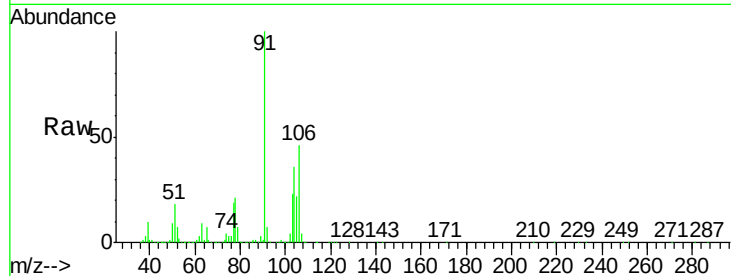




#69
o-Xylene
Concen: 18.221 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

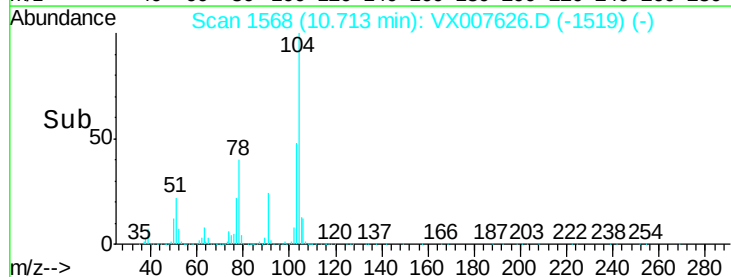
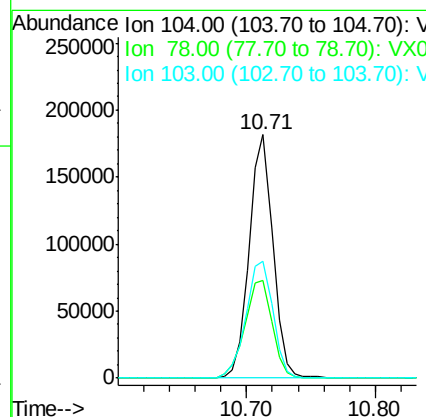
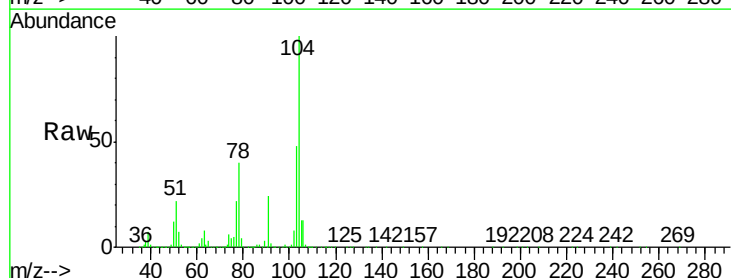
Instrument :
MSVOA_X
ClientSampled :
VX0221WBSD01

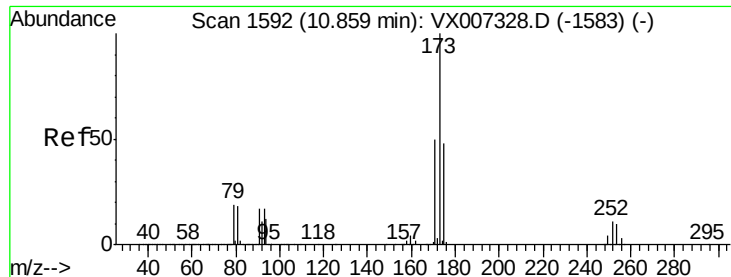
Tot Ion:106 Resp: 140574
Ion Ratio Lower Upper
106 100
91 207.4 102.9 308.7



#70
Styrene
Concen: 18.343 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Tgt Ion:104 Resp: 229500
Ion Ratio Lower Upper
104 100
78 46.8 38.3 57.5
103 55.1 44.6 67.0





#71

Bromoform

Concen: 20.683 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

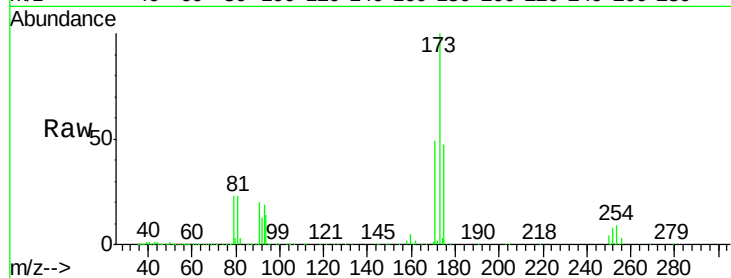
Tot Ion:173 Resp: 66709

Ion Ratio Lower Upper

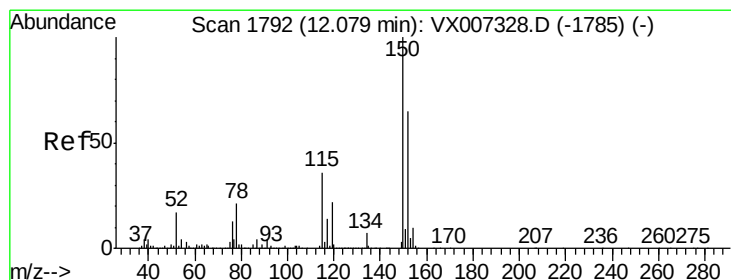
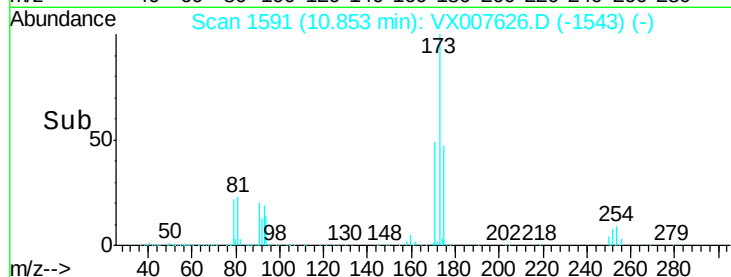
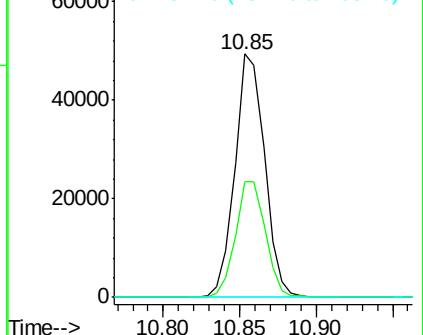
173 100

175 48.2 24.2 72.6

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

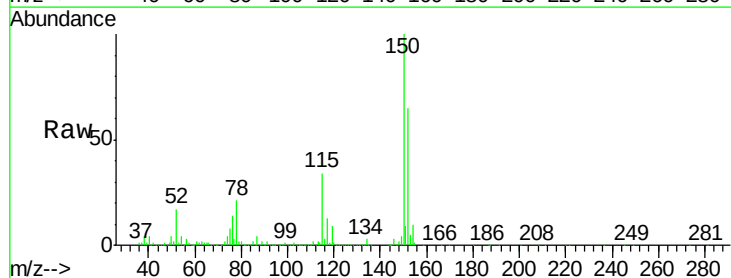
Tgt Ion:152 Resp: 291348

Ion Ratio Lower Upper

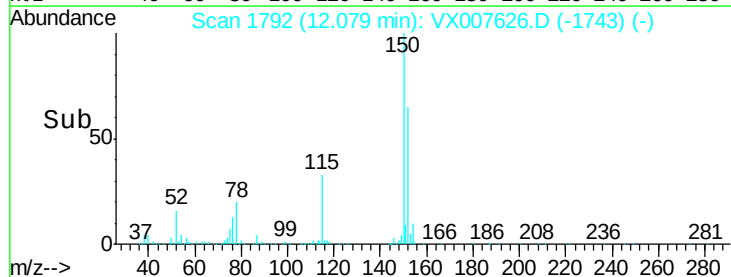
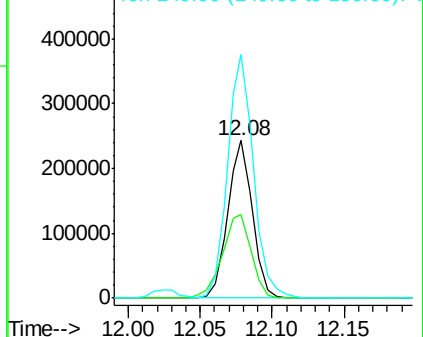
152 100

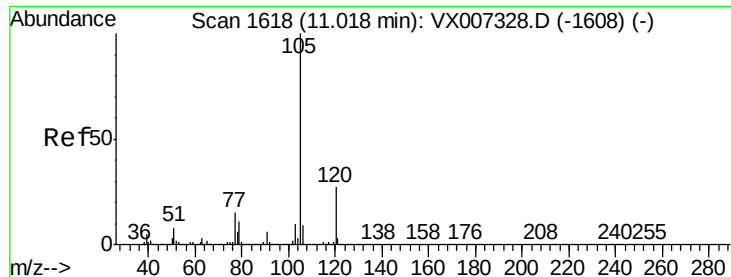
115 62.3 38.0 114.0

150 163.5 0.0 346.4



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





#73

Isopropylbenzene

Concen: 19.043 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

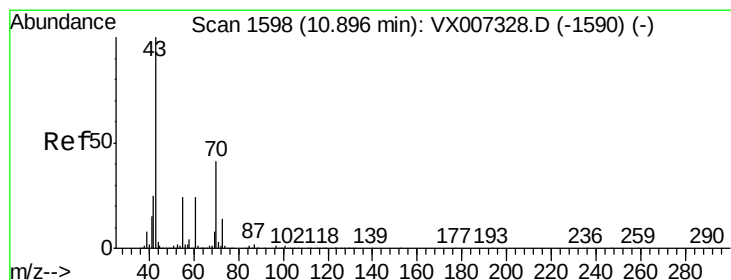
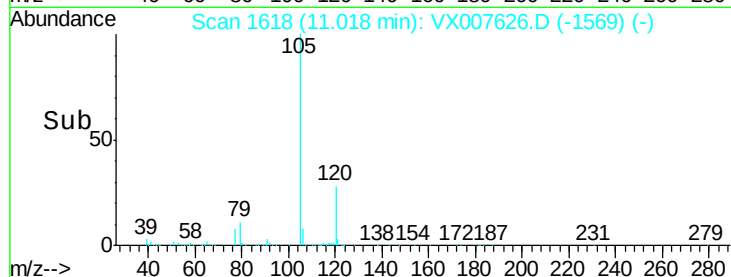
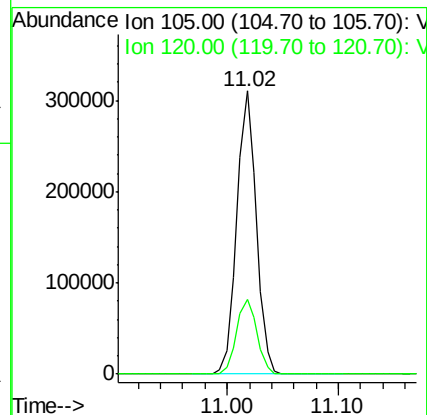
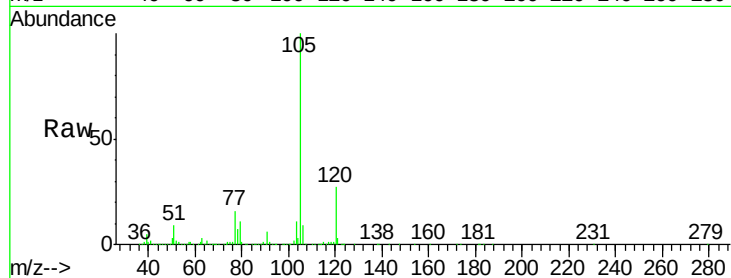
VX0221WBSD01

Tot Ion:105 Resp: 377028

Ion Ratio Lower Upper

105 100

120 27.6 13.6 40.7



#74

N-ethyl acetate

Concen: 20.107 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Tgt Ion: 43 Resp: 153975

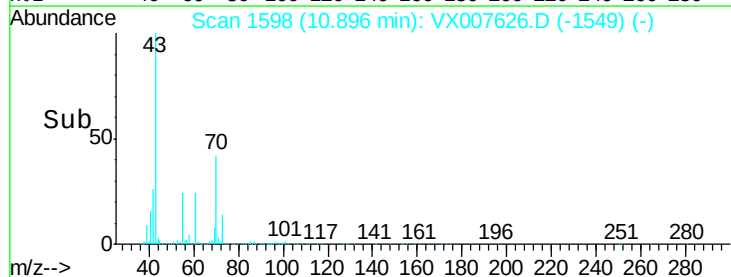
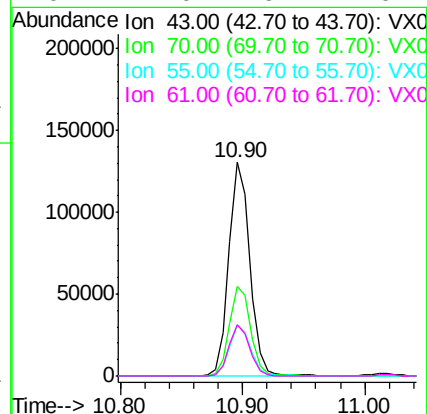
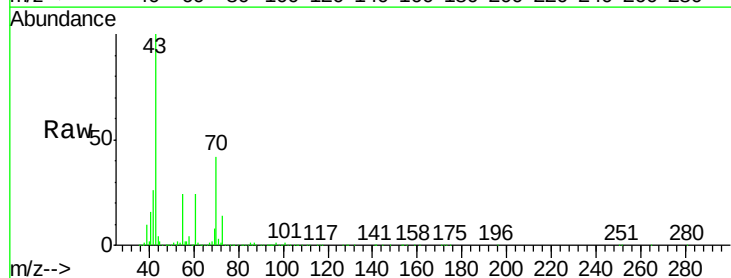
Ion Ratio Lower Upper

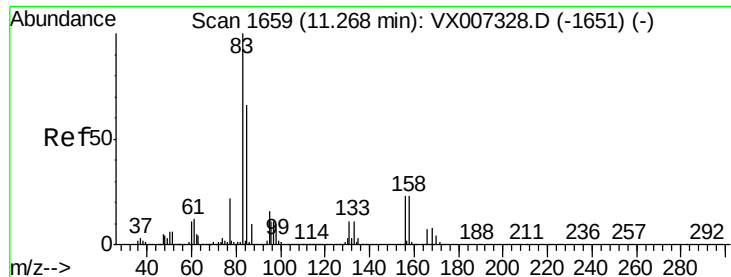
43 100

70 42.9 33.8 50.6

55 24.3 19.5 29.3

61 24.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.046 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

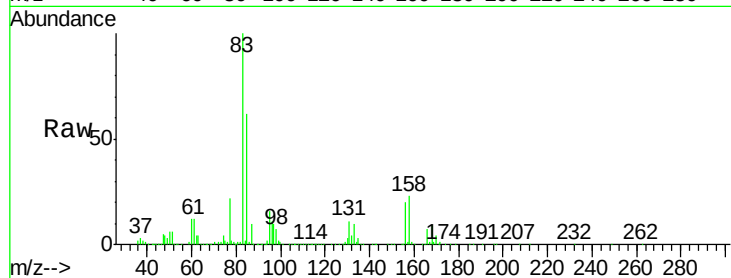
Tot Ion: 83 Resp: 133024

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

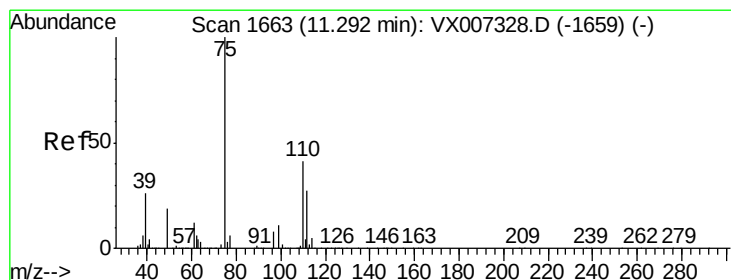
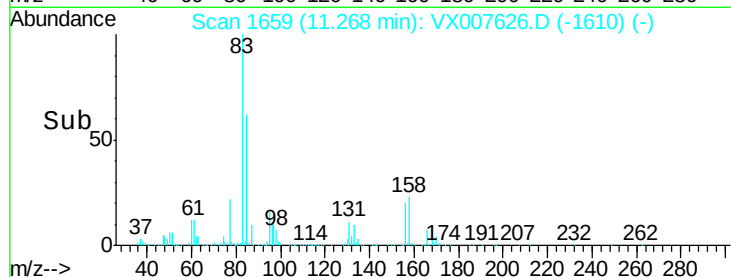
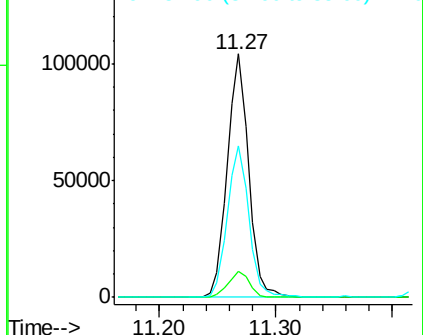
85 63.0 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.965 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007626.D

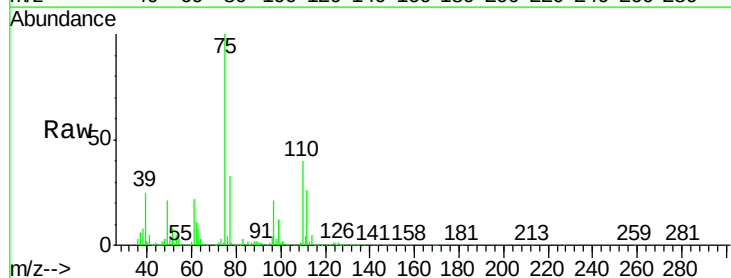
Acq: 21 Feb 2019 13:09

Tgt Ion: 75 Resp: 141478

Ion Ratio Lower Upper

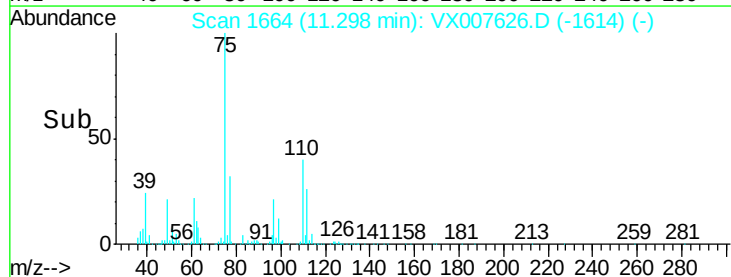
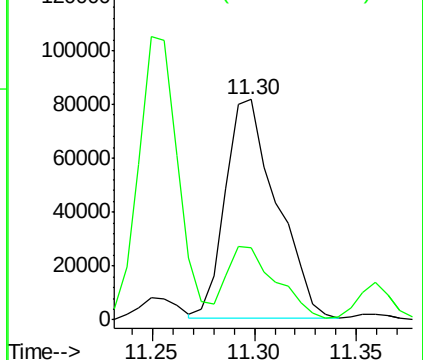
75 100

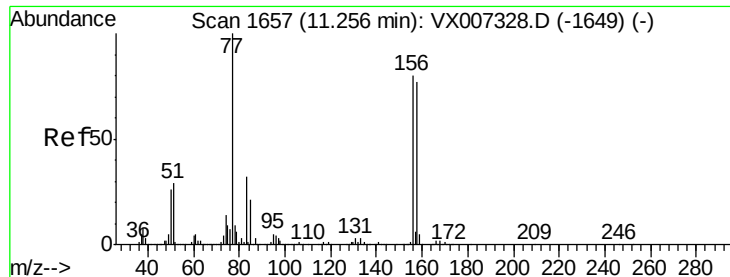
77 32.1 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.400 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

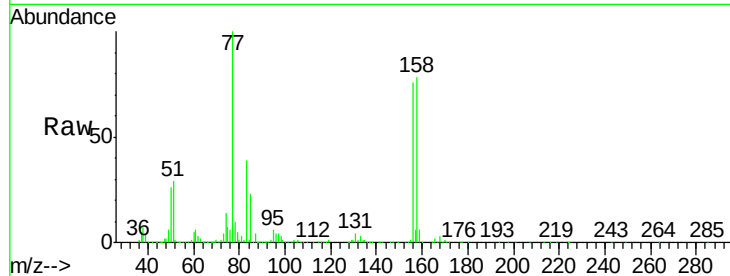
Tot Ion:156 Resp: 102644

Ion Ratio Lower Upper

156 100

77 138.2 66.8 200.6

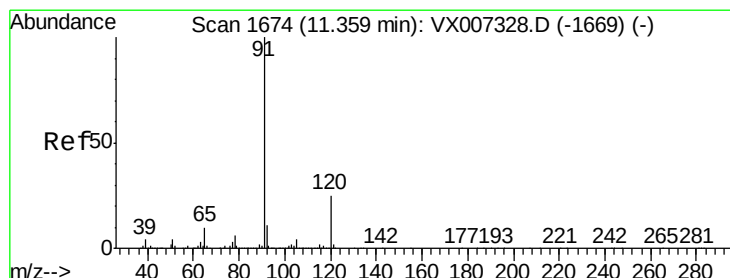
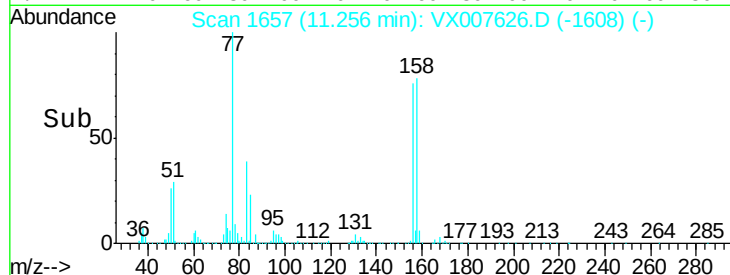
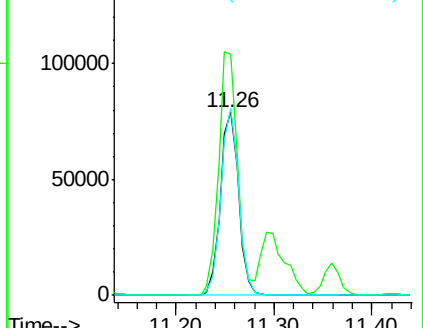
158 99.9 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.035 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007626.D

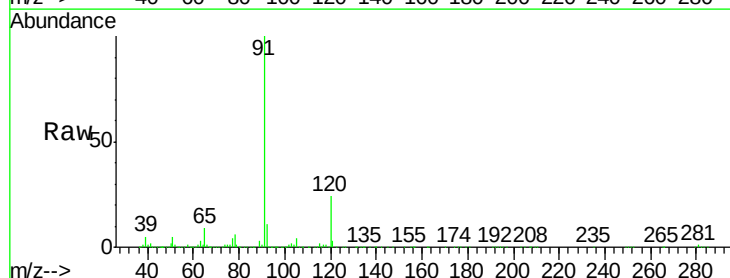
Acq: 21 Feb 2019 13:09

Tgt Ion: 91 Resp: 413265

Ion Ratio Lower Upper

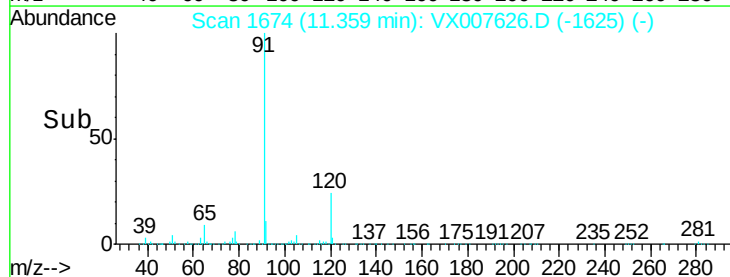
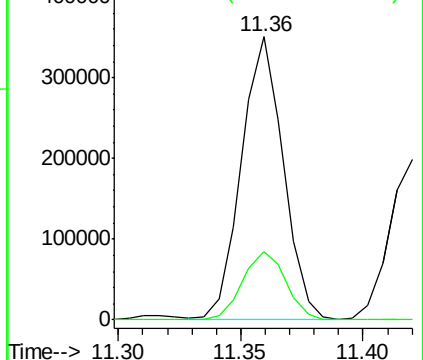
91 100

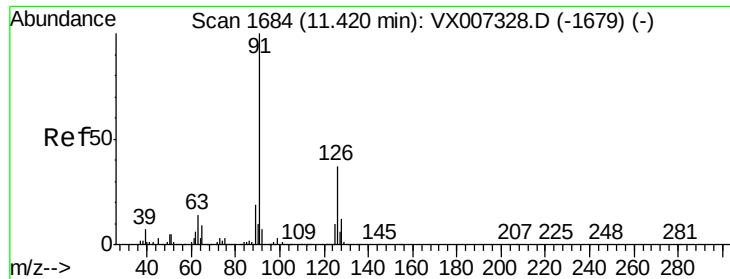
120 25.2 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.712 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

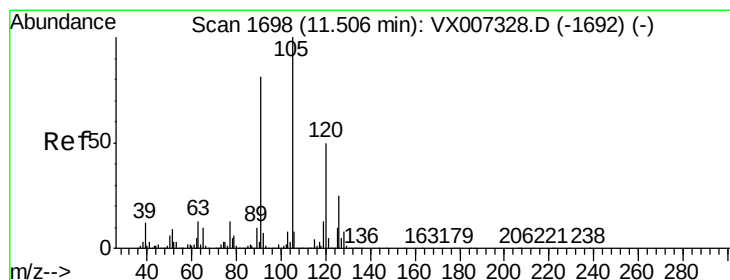
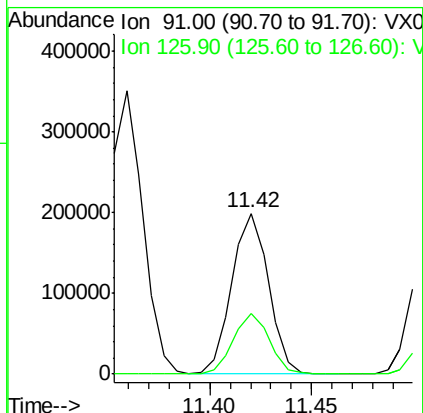
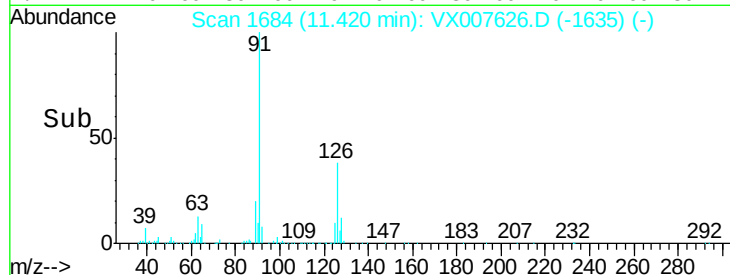
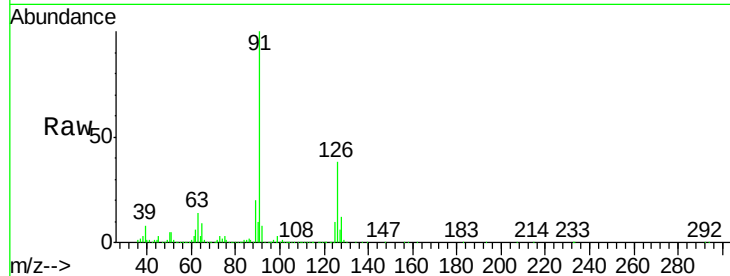
VX0221WBSD01

Tot Ion: 91 Resp: 246497

Ion Ratio Lower Upper

91 100

126 37.6 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 19.270 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007626.D

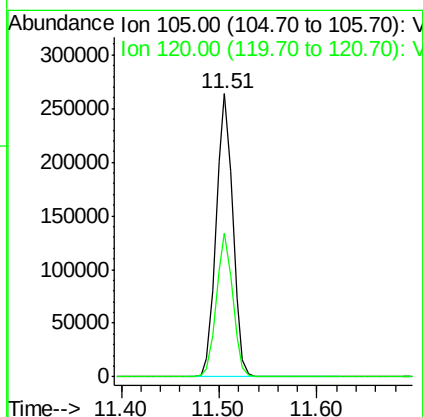
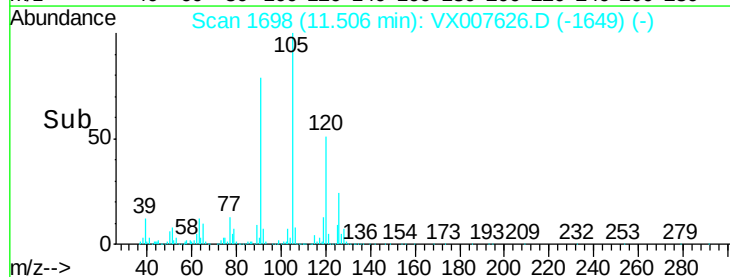
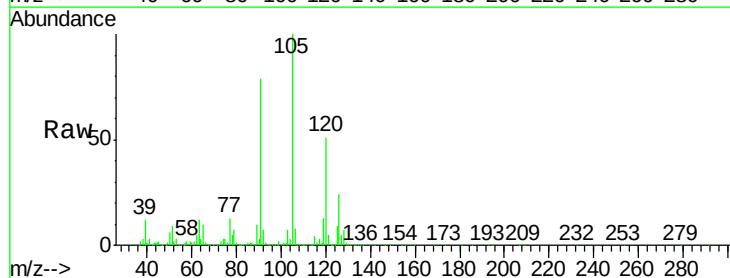
Acq: 21 Feb 2019 13:09

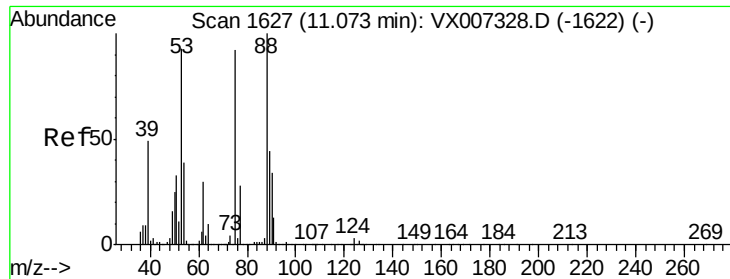
Tgt Ion: 105 Resp: 312124

Ion Ratio Lower Upper

105 100

120 49.6 25.3 75.8

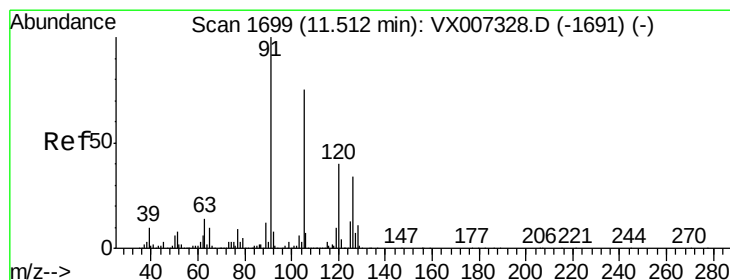
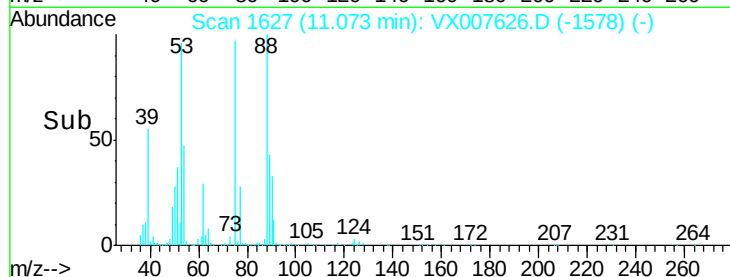
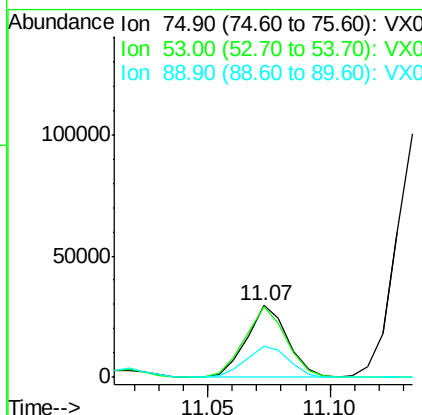
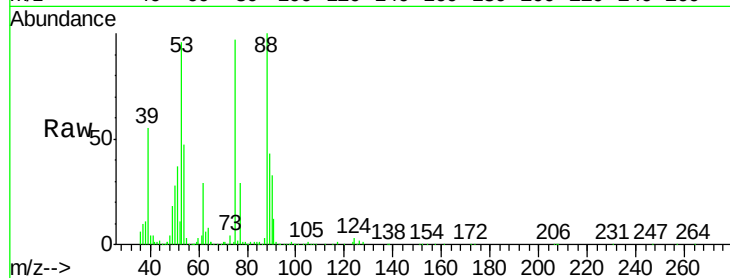




#81
trans-1,4-Dichloro-2-butene
Concen: 21.383 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

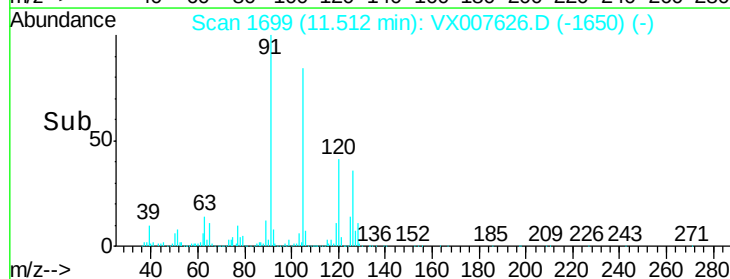
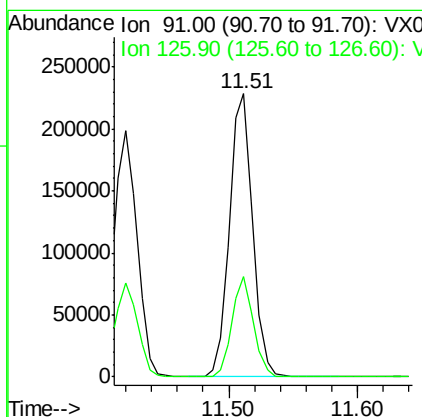
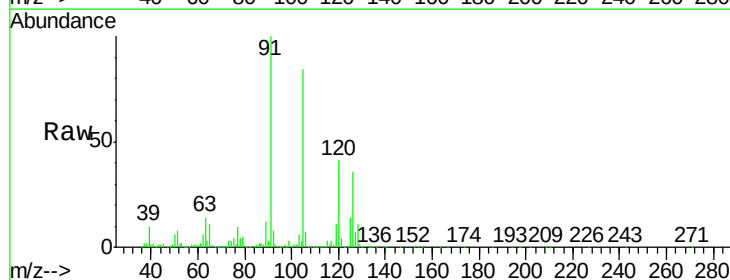
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

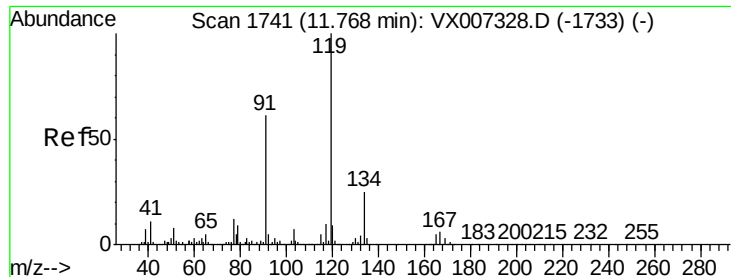
Tot Ion: 75 Resp: 34357
Ion Ratio Lower Upper
75 100
53 99.3 81.0 121.6
89 45.0 41.4 62.0



#82
4-Chlorotoluene
Concen: 18.891 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007626.D
Acq: 21 Feb 2019 13:09

Tgt Ion: 91 Resp: 287961
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.5





#83

tert-Butylbenzene

Concen: 19.797 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

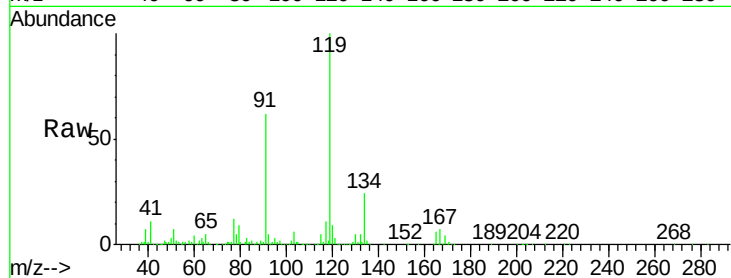
Tot Ion:119 Resp: 317477

Ion Ratio Lower Upper

119 100

91 55.3 28.5 85.6

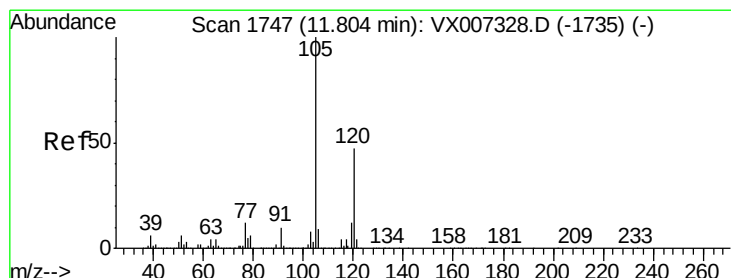
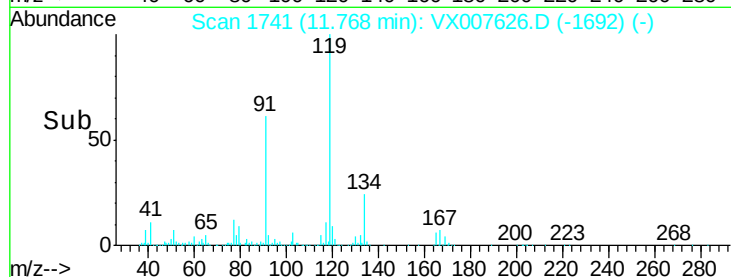
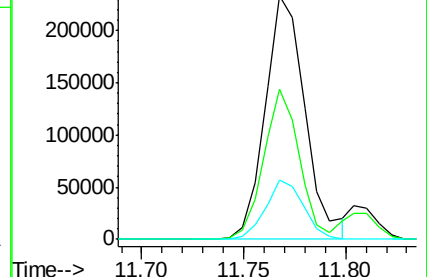
134 23.1 12.0 36.0



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: 19.306 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007626.D

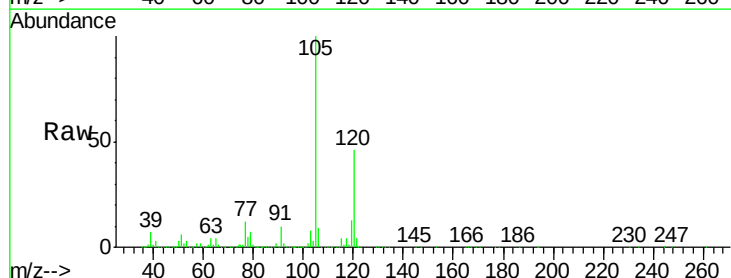
Acq: 21 Feb 2019 13:09

Tgt Ion:105 Resp: 317472

Ion Ratio Lower Upper

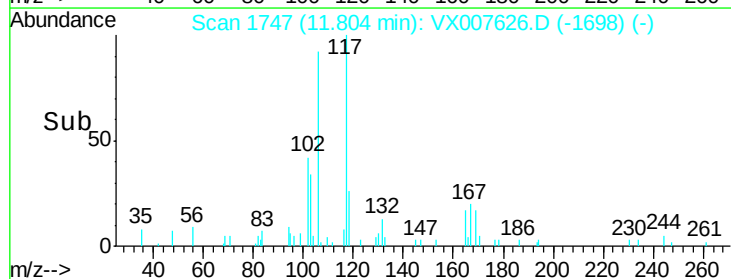
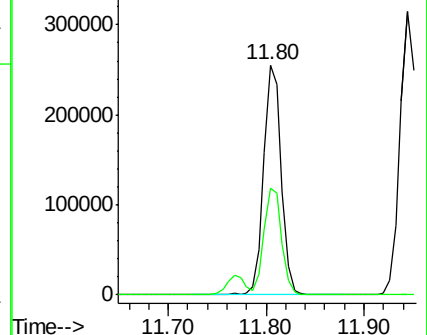
105 100

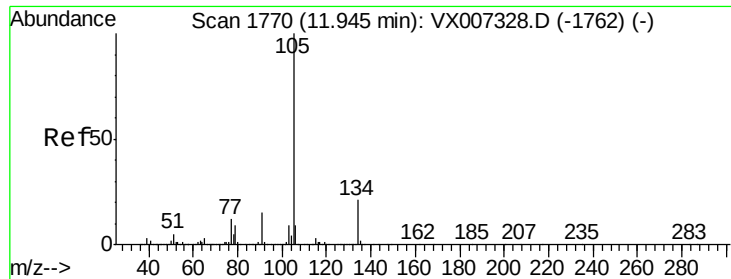
120 46.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.149 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

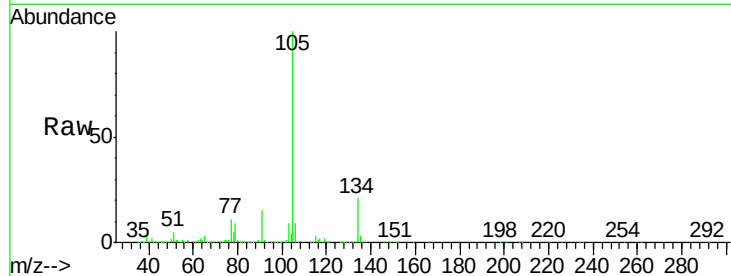
VX0221WBSD01

Tot Ion:105 Resp: 371676

Ion Ratio Lower Upper

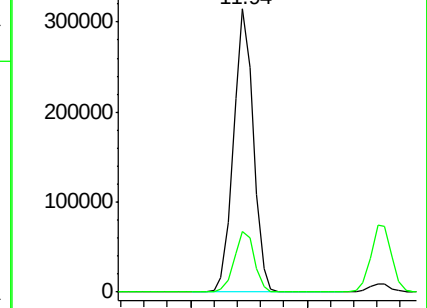
105 100

134 21.8 10.6 31.8

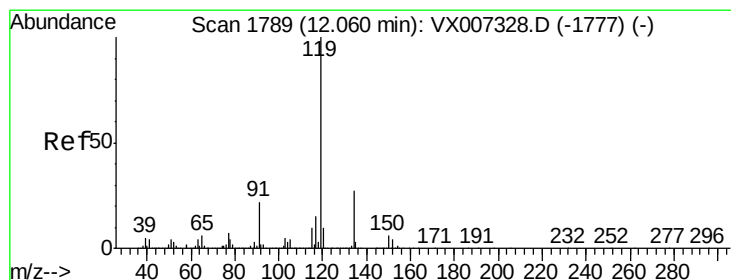
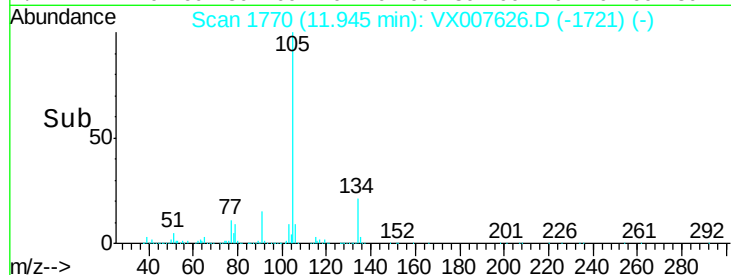


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 19.002 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

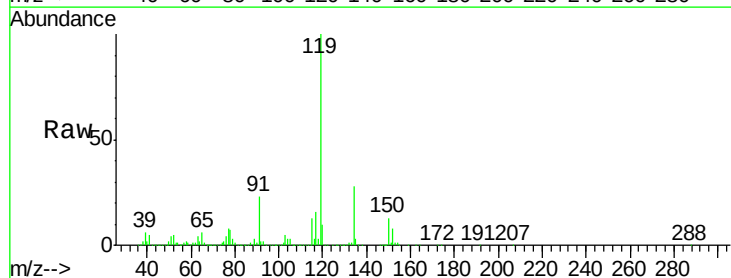
Tgt Ion:119 Resp: 332941

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

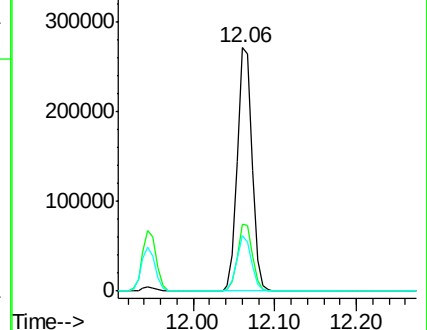
91 22.4 11.2 33.5



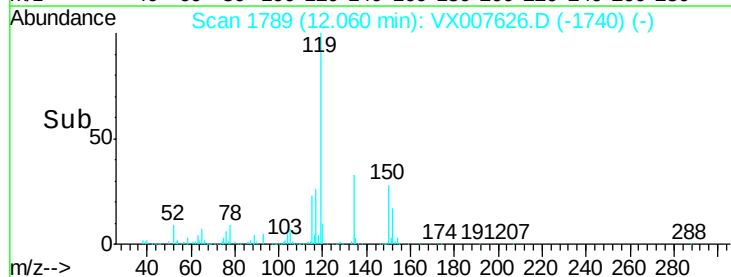
Abundance Ion 119.00 (118.70 to 119.70): V

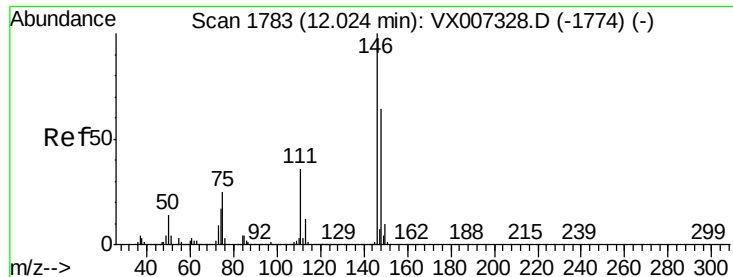
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#87

1,3-Dichlorobenzene

Concen: 18.151 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

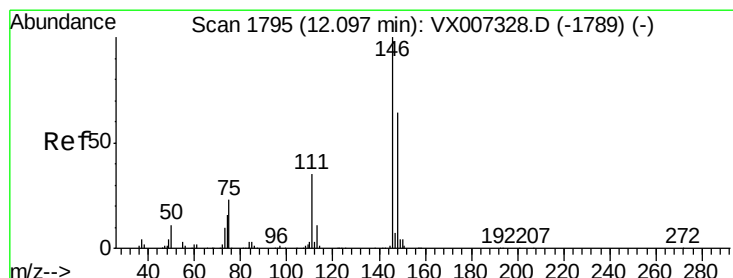
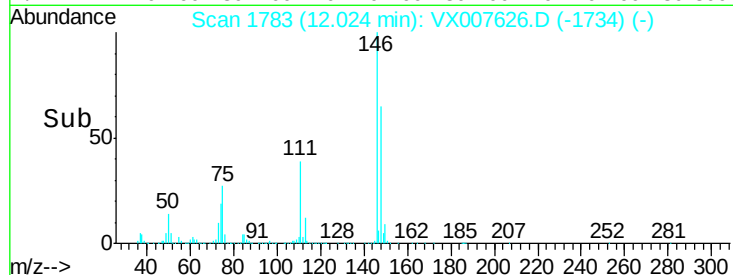
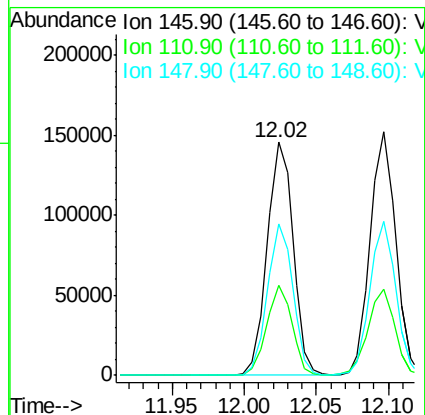
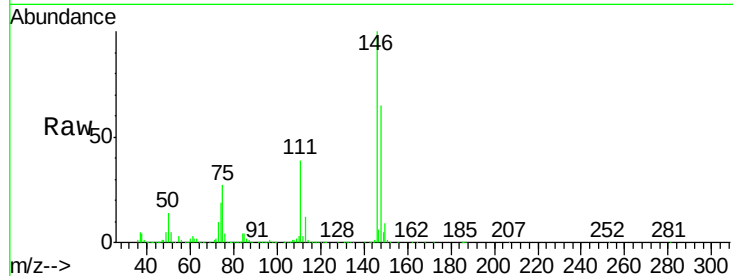
Tot Ion:146 Resp: 181716

Ion Ratio Lower Upper

146 100

111 37.6 18.1 54.1

148 63.6 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 18.208 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

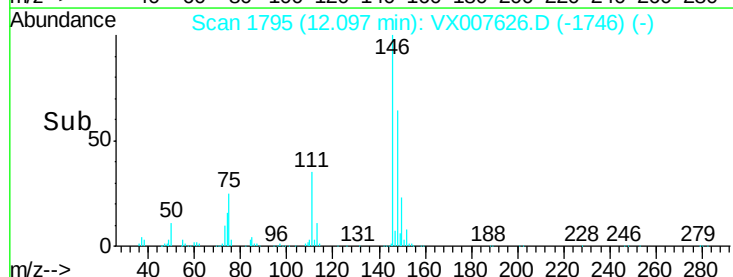
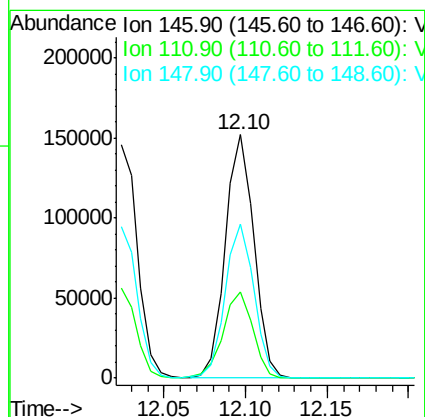
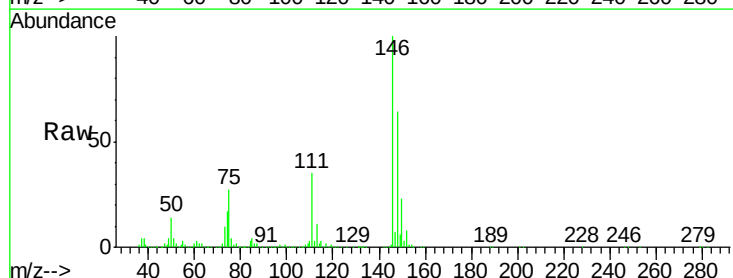
Tgt Ion:146 Resp: 184933

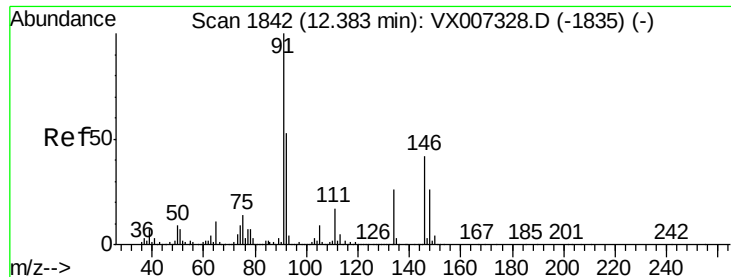
Ion Ratio Lower Upper

146 100

111 37.3 18.1 54.1

148 64.6 32.3 96.9





#89

n-Butylbenzene

Concen: 18.052 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

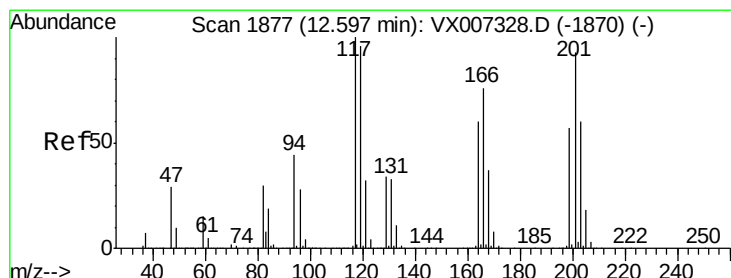
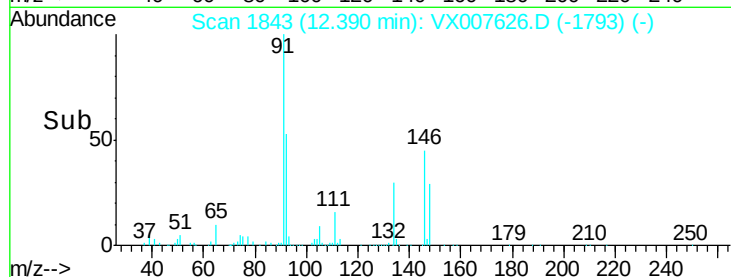
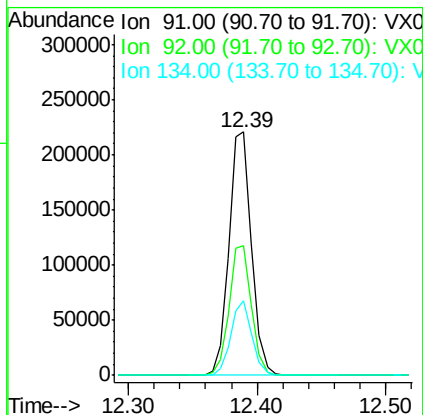
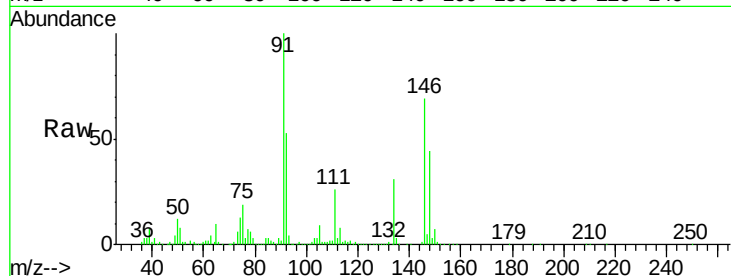
Tot Ion: 91 Resp: 272084

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

134 28.6 13.9 41.6



#90

Hexachloroethane

Concen: 20.819 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007626.D

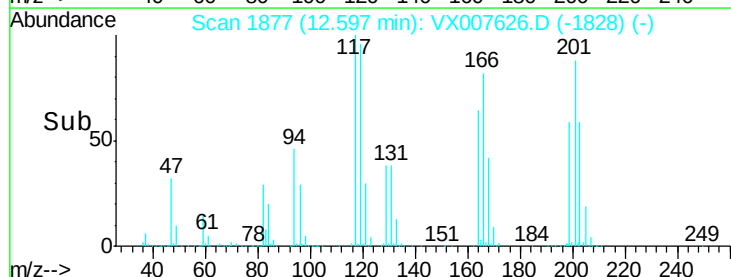
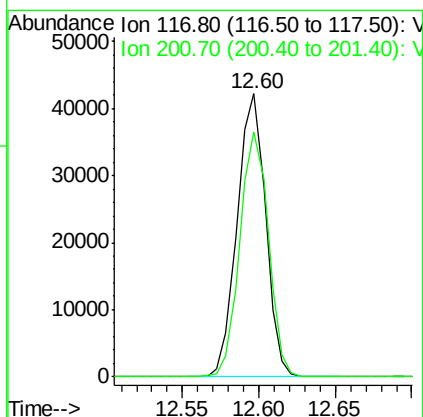
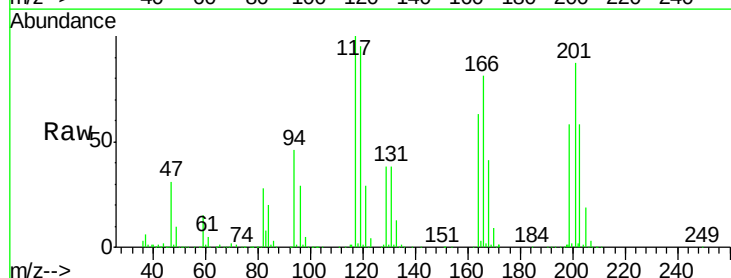
Acq: 21 Feb 2019 13:09

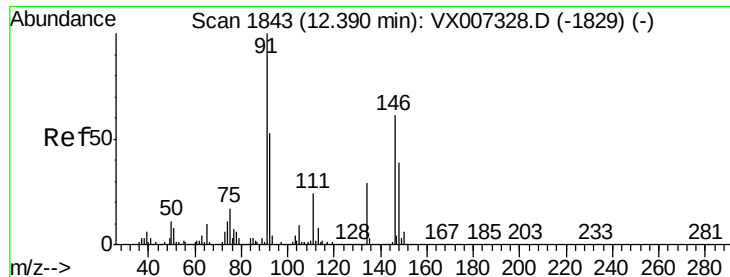
Tgt Ion: 117 Resp: 54592

Ion Ratio Lower Upper

117 100

201 86.9 44.9 134.7

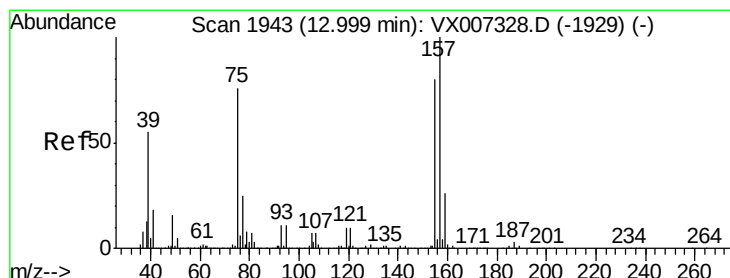
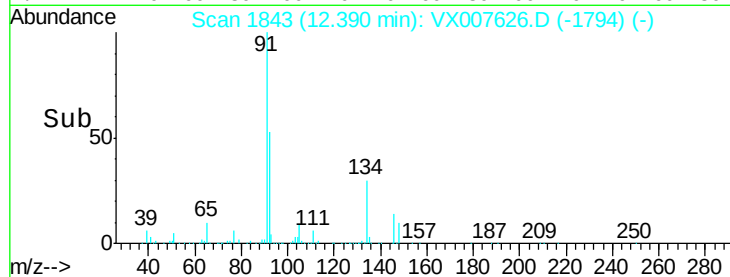
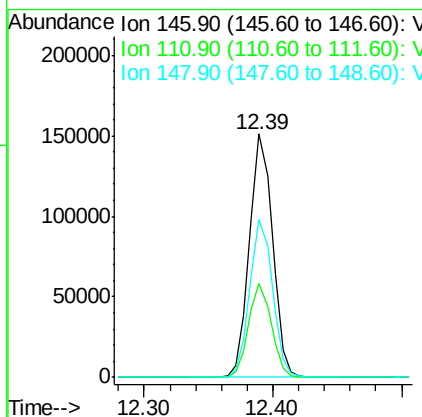
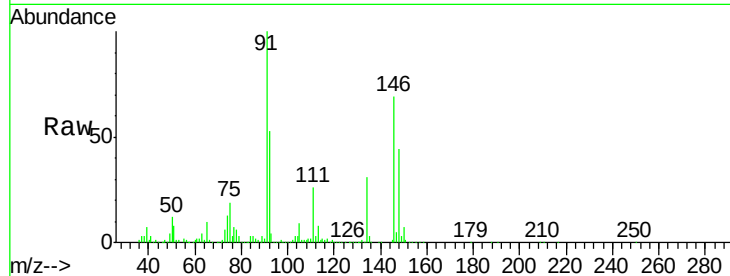




#91
 1,2-Dichlorobenzene
 Concen: 18.664 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007626.D
 Acq: 21 Feb 2019 13:09

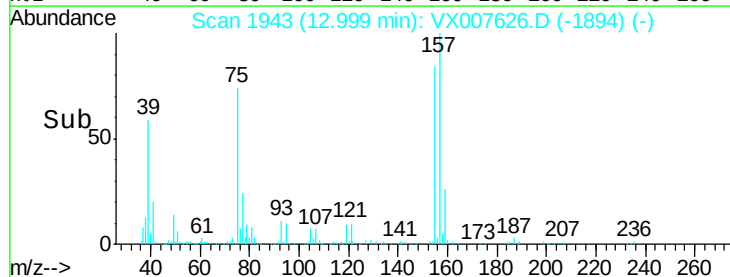
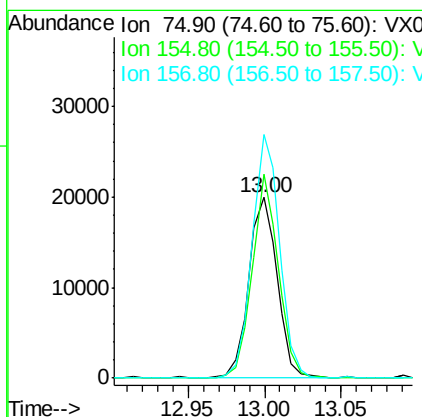
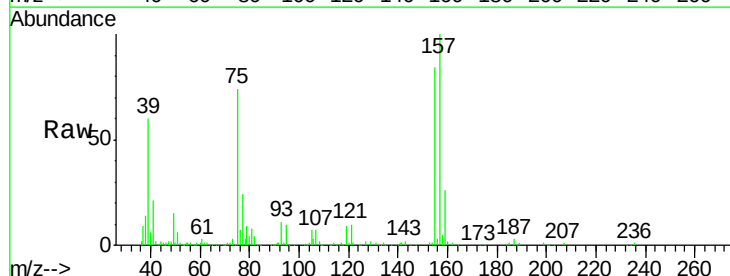
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

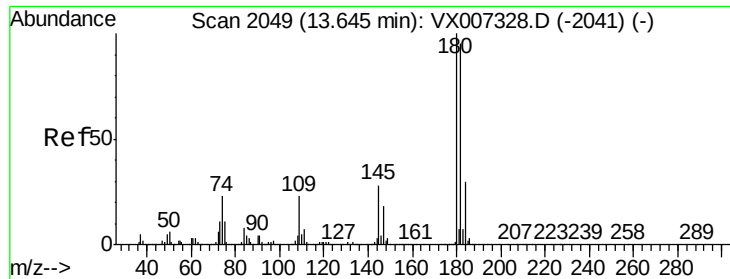
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.3
148	64.4	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.563 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007626.D
 Acq: 21 Feb 2019 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.7	49.6	149.0
157	130.4	65.1	195.3





#93

1,2,4-Trichlorobenzene

Concen: 18.163 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampled :

VX0221WBSD01

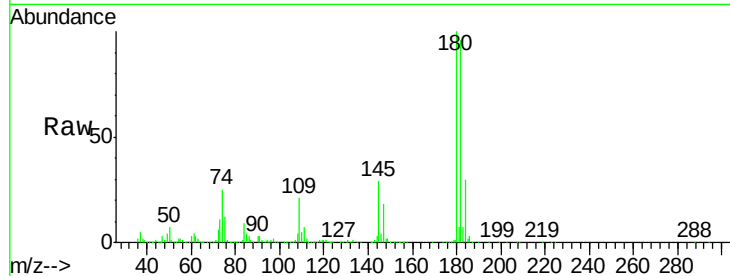
Tot Ion:180 Resp: 122041

Ion Ratio Lower Upper

180 100

182 96.7 47.8 143.3

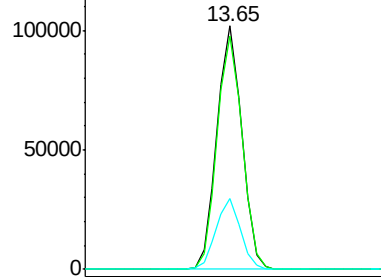
145 28.7 14.1 42.2



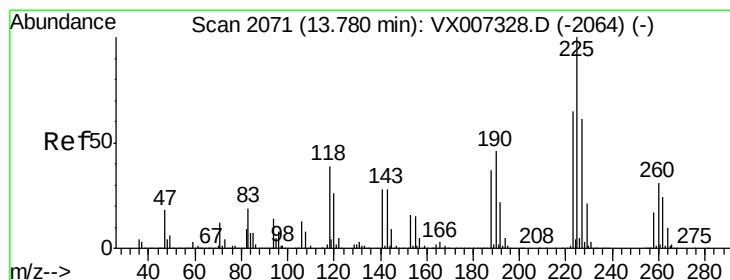
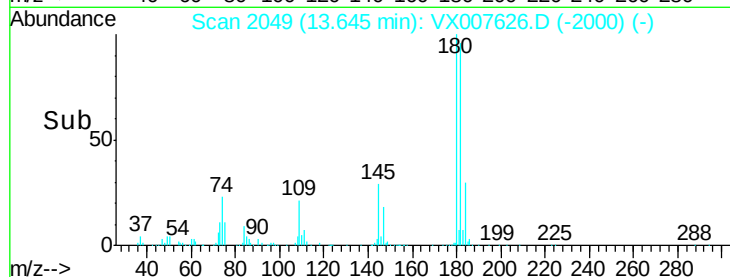
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time--> 13.55 13.60 13.65 13.70



#94

Hexachlorobutadiene

Concen: 18.412 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

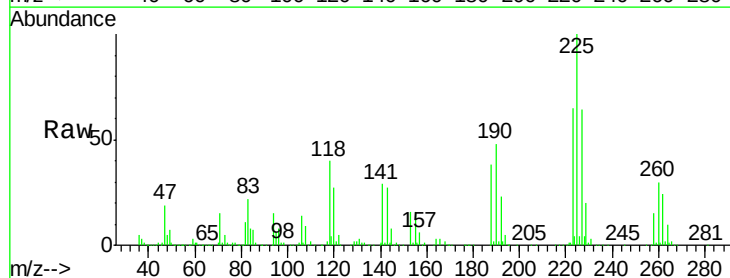
Tgt Ion:225 Resp: 60071

Ion Ratio Lower Upper

225 100

223 63.4 31.6 94.8

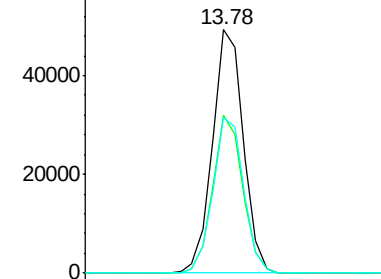
227 63.8 32.1 96.3



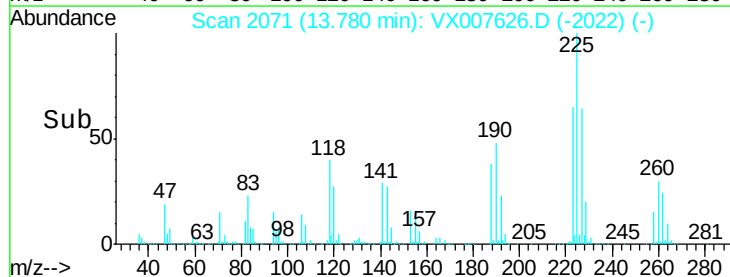
Abundance Ion 224.70 (224.40 to 225.40): V

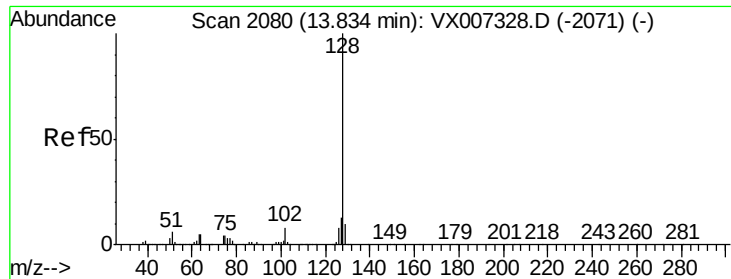
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time--> 13.75 13.80 13.85





#95

Naphthalene

Concen: 19.209 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

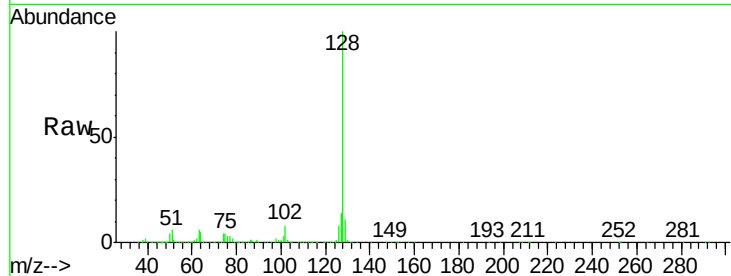
Tot Ion:128 Resp: 377422

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

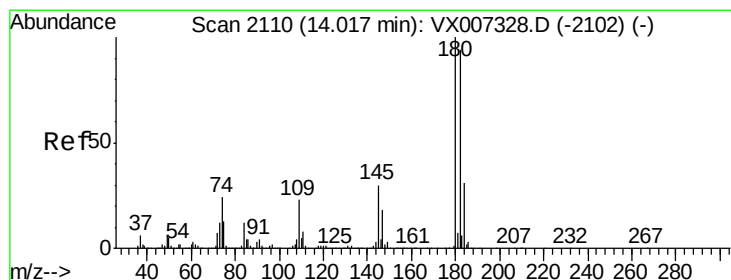
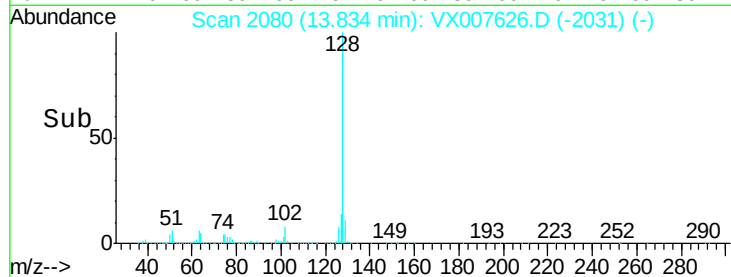
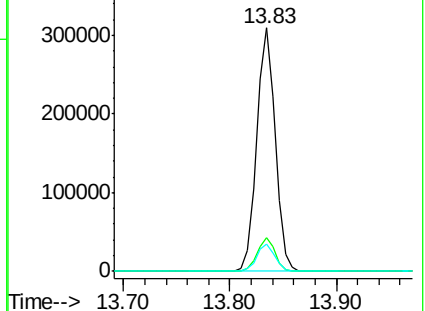
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.518 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007626.D

Acq: 21 Feb 2019 13:09

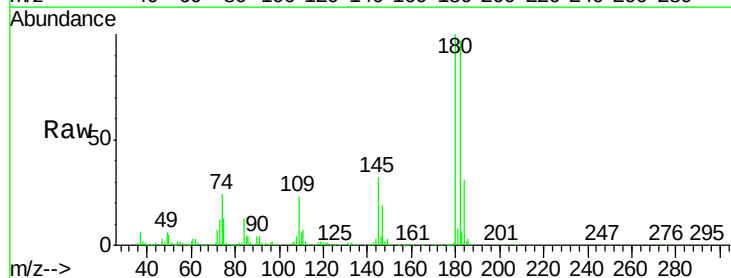
Tgt Ion:180 Resp: 125242

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.6

145 30.4 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

