

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021219\
 Data File : VX007490.D
 Acq On : 12 Feb 2019 15:56
 Operator : JC/SP
 Sample : VX0212WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01

Quant Time: Feb 13 00:12:03 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	450344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	681440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	621933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	310622	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	240638	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	5.51	113	220480	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	8.71	98	810122	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	285488	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	99515	18.096	ug/l 100
3) Chloromethane	1.33	50	89769	17.697	ug/l 100
4) Vinyl Chloride	1.41	62	95884	19.268	ug/l 100
5) Bromomethane	1.64	94	80856	16.100	ug/l 96
6) Chloroethane	1.73	64	64147	19.927	ug/l 96
7) Trichlorofluoromethane	1.93	101	148802	19.115	ug/l 95
8) Diethyl Ether	2.19	74	55924	19.087	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	84265	18.198	ug/l 99
10) Methyl Iodide	2.51	142	99705	14.637	ug/l 99
11) Tert butyl alcohol	3.07	59	111025	112.234	ug/l 99
12) 1,1-Dichloroethene	2.38	96	77420	18.005	ug/l 96
13) Acrolein	2.30	56	27907	60.160	ug/l 98
14) Allyl chloride	2.73	41	138255	19.733	ug/l 98
15) Acrylonitrile	3.15	53	249898	102.118	ug/l 99
16) Acetone	2.45	43	224907	102.716	ug/l 97
17) Carbon Disulfide	2.57	76	193608	18.610	ug/l 98
18) Methyl Acetate	2.78	43	135455	24.054	ug/l 100
19) Methyl tert-butyl Ether	3.21	73	273332	19.621	ug/l 98
20) Methylene Chloride	2.86	84	91933	20.322	ug/l 95
21) trans-1,2-Dichloroethene	3.17	96	82290	17.965	ug/l 95
22) Diisopropyl ether	3.87	45	255792	19.848	ug/l 97
23) Vinyl Acetate	3.82	43	1066280	99.707	ug/l 100
24) 1,1-Dichloroethane	3.70	63	145235	19.624	ug/l 99
25) 2-Butanone	4.70	43	330170	105.957	ug/l 98
26) 2,2-Dichloropropane	4.59	77	99503	17.654	ug/l 96
27) cis-1,2-Dichloroethene	4.60	96	96726	19.334	ug/l 98
28) Bromochloromethane	5.03	49	66265	19.470	ug/l 98
29) Tetrahydrofuran	5.15	42	211481	107.910	ug/l 99
30) Chloroform	5.22	83	153135	19.829	ug/l 99
31) Cyclohexane	5.57	56	118789	17.871	ug/l 98
32) 1,1,1-Trichloroethane	5.50	97	129724	19.900	ug/l 99
36) 1,1-Dichloropropene	5.80	75	105508	17.256	ug/l 98
37) Ethyl Acetate	4.85	43	120510	19.498	ug/l 99
38) Carbon Tetrachloride	5.78	117	112951	19.042	ug/l 96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0212WBSD01

Quant Time: Feb 13 00:12:03 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)
39) Methylcyclohexane	7.46	83	124142	16.782	ug/l	95
40) Benzene	6.14	78	337582	18.744	ug/l	98
41) Methacrylonitrile	5.06	41	64317	19.416	ug/l	97
42) 1,2-Dichloroethane	6.20	62	115741	18.574	ug/l	99
43) Isopropyl Acetate	6.46	43	187789	19.684	ug/l	99
44) Trichloroethene	7.21	130	97408	17.958	ug/l	100
45) 1,2-Dichloropropane	7.52	63	87004	19.280	ug/l	98
46) Dibromomethane	7.66	93	60331	18.395	ug/l	98
47) Bromodichloromethane	7.90	83	106046	19.078	ug/l	98
48) Methyl methacrylate	7.77	41	95951	20.108	ug/l	99
49) 1,4-Dioxane	7.75	88	46523	432.634	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	640407	101.973	ug/l	99
52) Toluene	8.78	92	215871	18.577	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	110346	18.482	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	126715	19.299	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91328	18.855	ug/l	96
56) Ethyl methacrylate	9.18	69	129344	19.280	ug/l	97
57) 1,3-Dichloropropane	9.37	76	146369	19.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	356060	100.695	ug/l	99
59) 2-Hexanone	9.49	43	491968	100.668	ug/l	100
60) Dibromochloromethane	9.58	129	89157	19.462	ug/l	97
61) 1,2-Dibromoethane	9.67	107	95930	18.701	ug/l	95
64) Tetrachloroethene	9.34	164	97609	16.651	ug/l	98
65) Chlorobenzene	10.14	112	246740	18.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	90423	19.872	ug/l	98
67) Ethyl Benzene	10.25	91	404426	18.504	ug/l	98
68) m/p-Xylenes	10.36	106	317805	36.580	ug/l	100
69) o-Xylene	10.70	106	157314	18.818	ug/l	98
70) Styrene	10.71	104	248497	18.329	ug/l	99
71) Bromoform	10.85	173	66698	19.395	ug/l	99
73) Isopropylbenzene	11.02	105	410391	19.442	ug/l	99
74) N-amyl acetate	10.90	43	165381	20.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	139556	21.694	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	149309	24.712	ug/l	80
77) Bromobenzene	11.26	156	113359	19.060	ug/l	100
78) n-propylbenzene	11.36	91	454423	19.632	ug/l	100
79) 2-Chlorotoluene	11.42	91	267773	19.065	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	335748	19.442	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34376	20.327	ug/l	95
82) 4-Chlorotoluene	11.51	91	311645	19.176	ug/l	99
83) tert-Butylbenzene	11.77	119	330963	19.357	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	344720	19.662	ug/l	100
85) sec-Butylbenzene	11.94	105	406833	19.660	ug/l	99
86) p-Isopropyltoluene	12.06	119	360561	19.302	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195130	18.282	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	195996	18.099	ug/l	98
89) n-Butylbenzene	12.39	91	292514	18.203	ug/l	100
90) Hexachloroethane	12.60	117	55738	19.937	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	199163	18.750	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28033	20.957	ug/l	97

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Instrument :
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ClientSampleId :
VX0212WBSD01

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

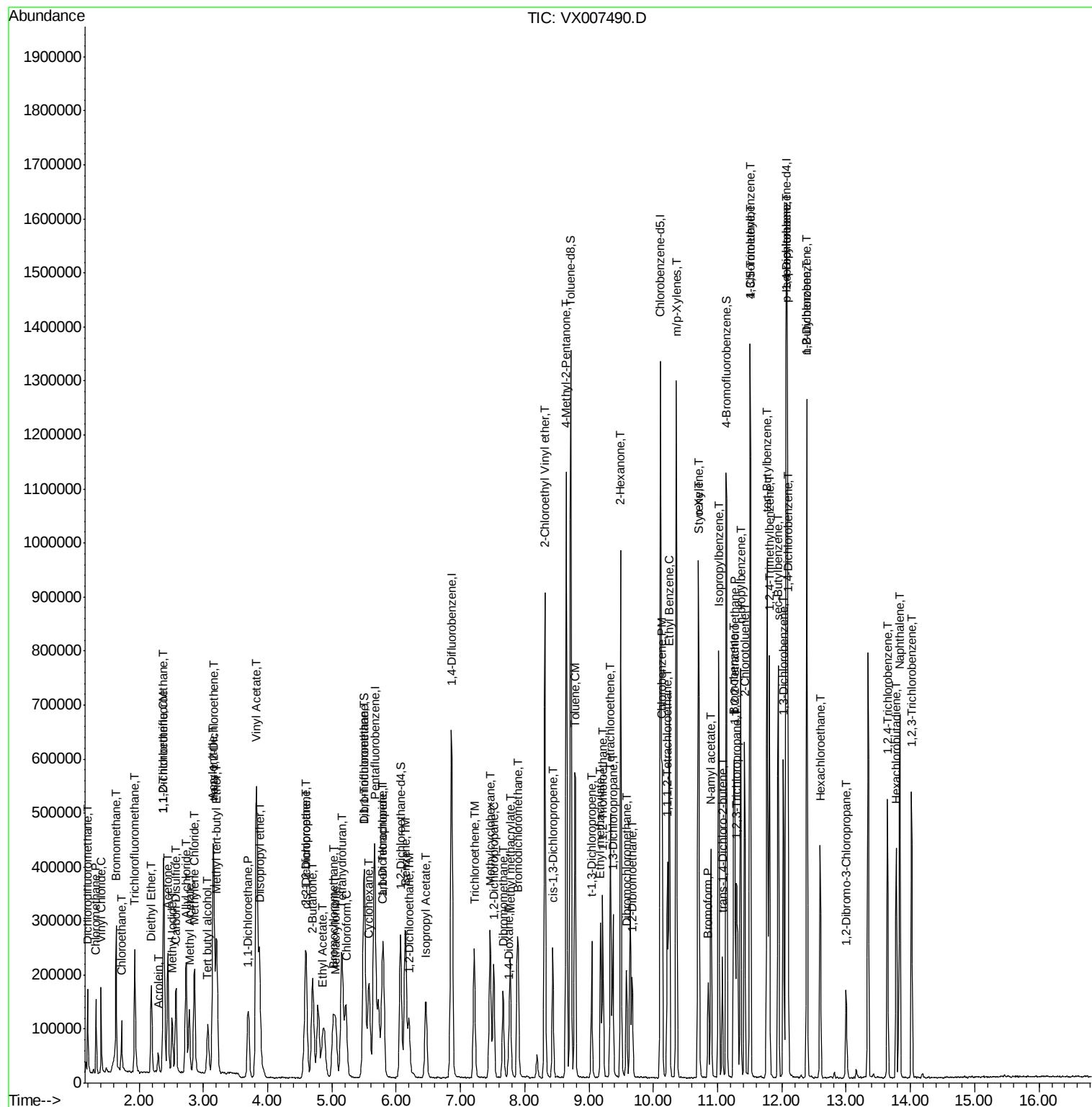
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130376	18.200	ug/l	98
94) Hexachlorobutadiene	13.78	225	60856	17.495	ug/l	98
95) Naphthalene	13.83	128	413692	19.748	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134093	18.596	ug/l	99

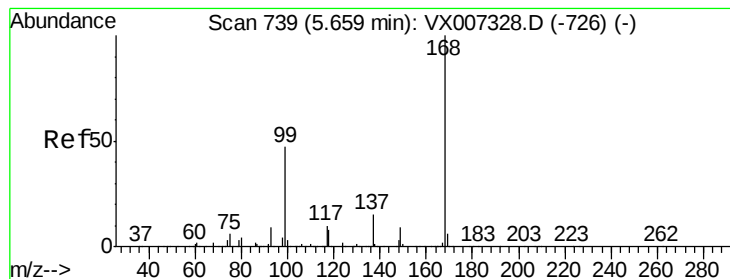
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021219\
Data File : VX007490.D
Acq On : 12 Feb 2019 15:56
Operator : JC/SP
Sample : VX0212WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Quant Time: Feb 13 00:12:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

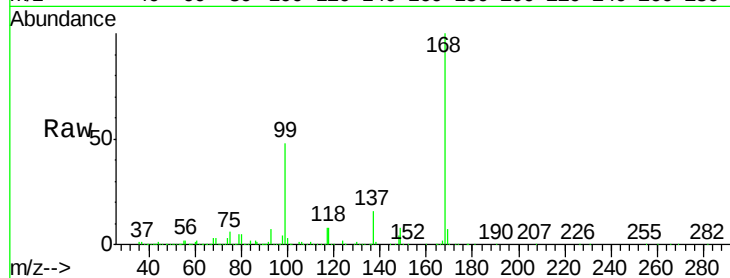
VX0212WBSD01

Tot Ion:168 Resp: 450344

Ion Ratio Lower Upper

168 100

99 48.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

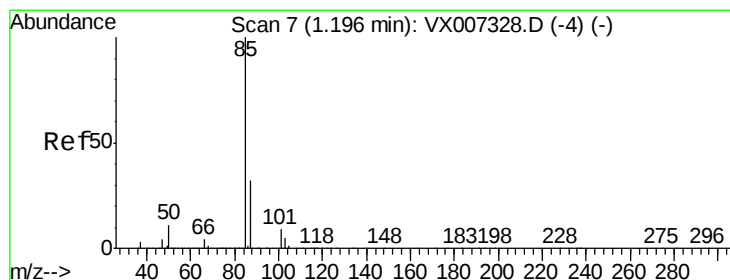
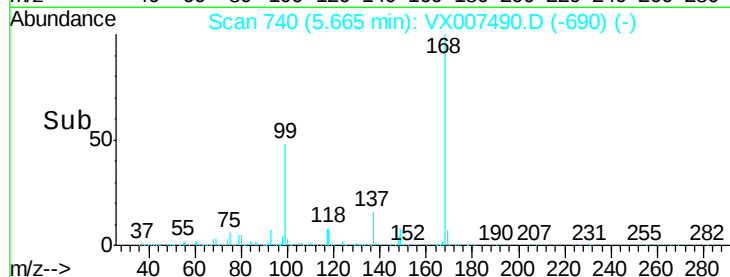
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.096 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007490.D

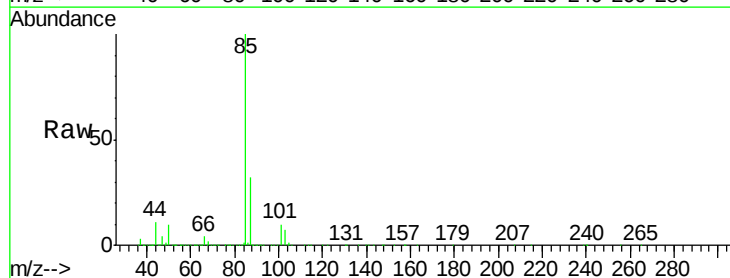
Acq: 12 Feb 2019 15:56

Tgt Ion: 85 Resp: 99515

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

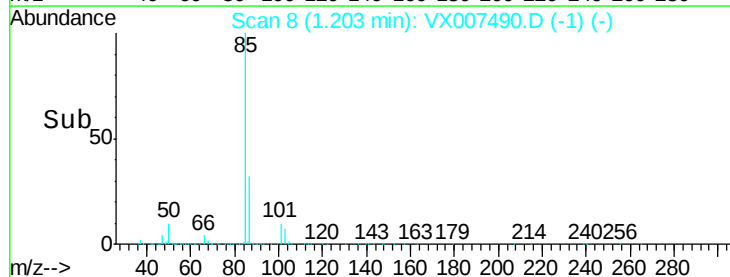
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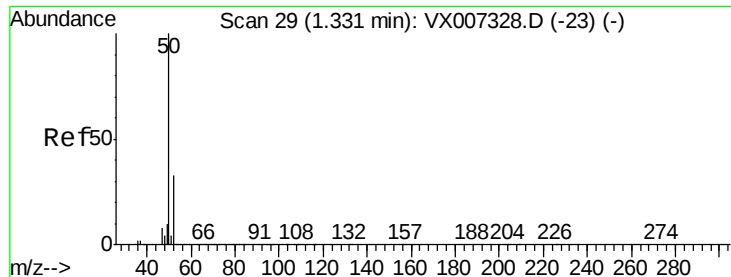
40000

20000

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Time-->

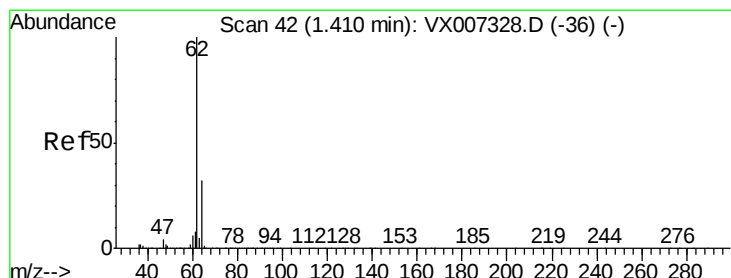
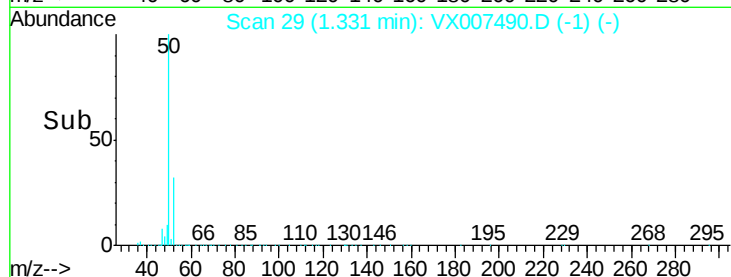
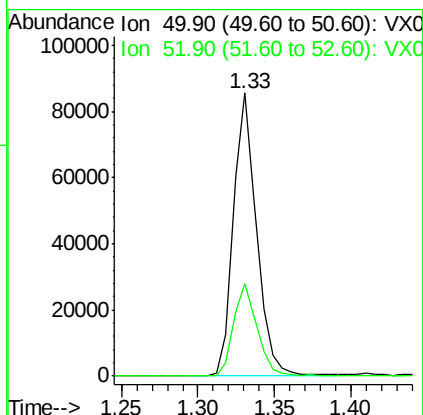
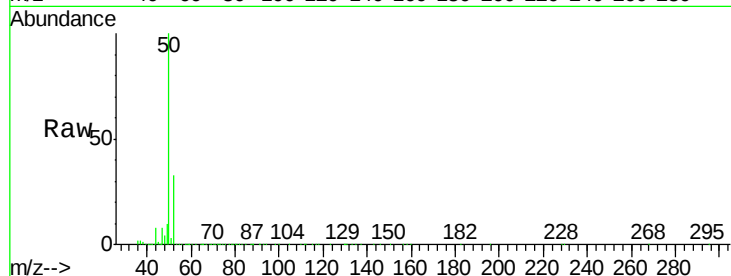




#3
Chloromethane
Concen: 17.697 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

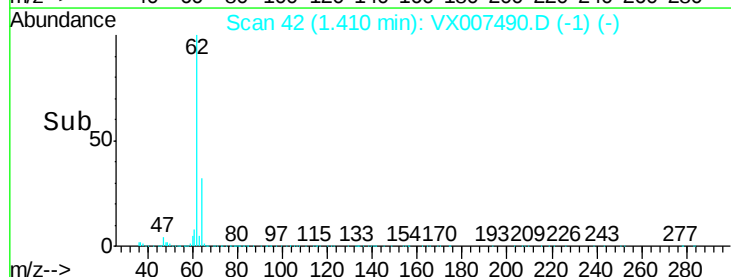
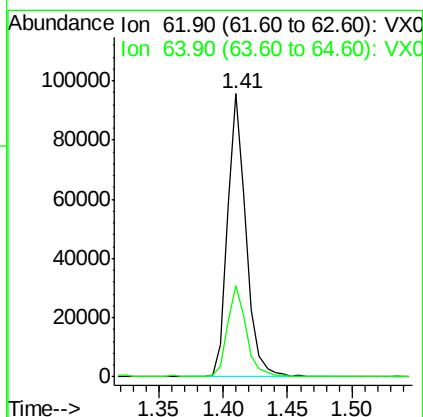
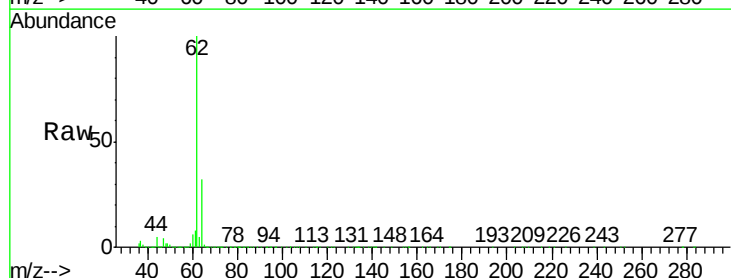
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

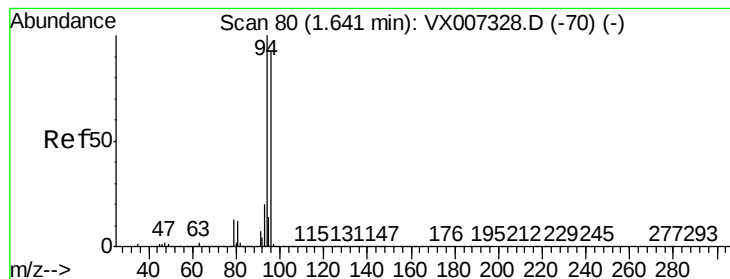
Tot Ion: 50 Resp: 89769
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1



#4
Vinyl Chloride
Concen: 19.268 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion: 62 Resp: 95884
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5

Bromomethane

Concen: 16.100 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

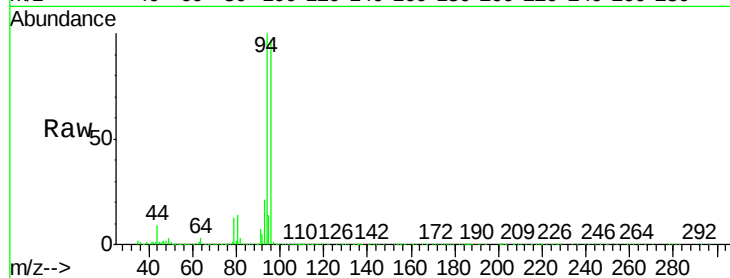
VX0212WBSD01

Tot Ion: 94 Resp: 80856

Ion Ratio Lower Upper

94 100

96 96.4 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

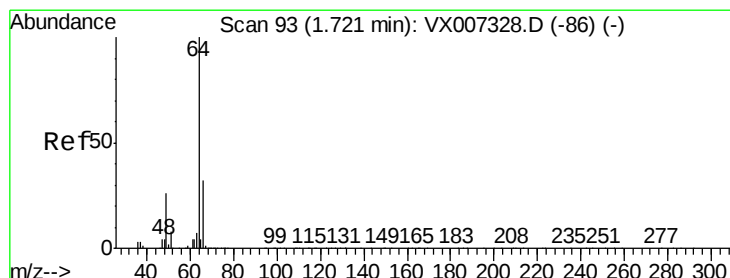
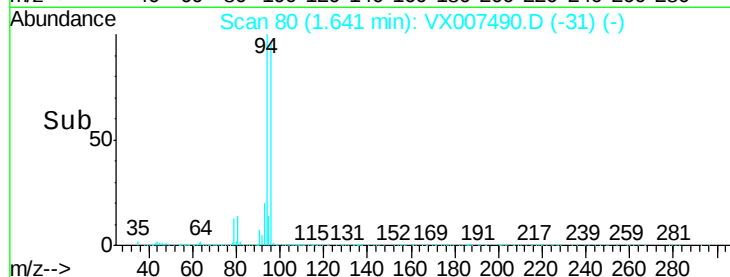
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.927 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007490.D

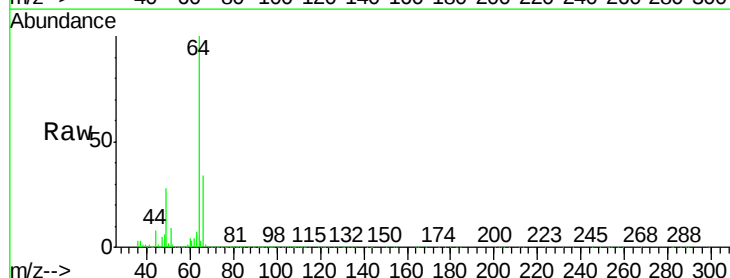
Acq: 12 Feb 2019 15:56

Tgt Ion: 64 Resp: 64147

Ion Ratio Lower Upper

64 100

66 34.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

50000

40000

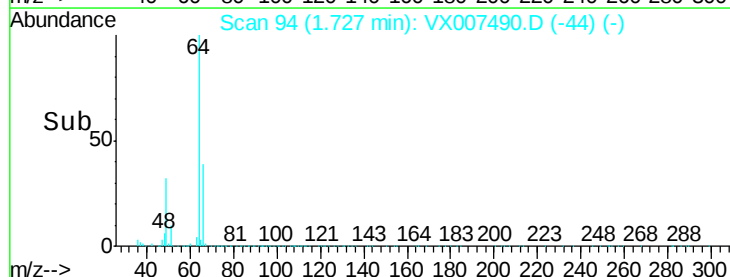
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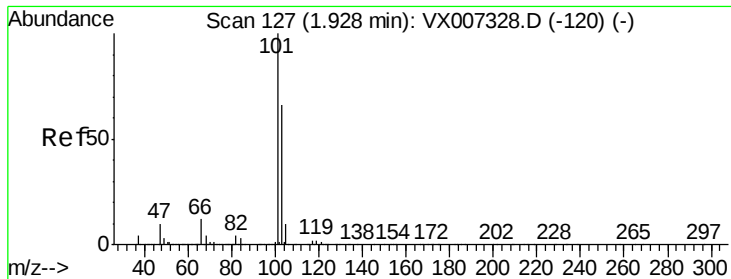
20000

10000

0

Time--> 1.65 1.70 1.75 1.80



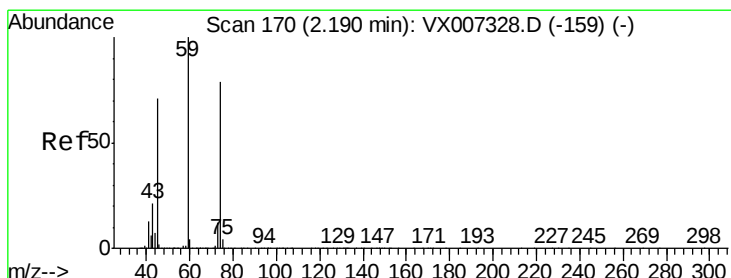
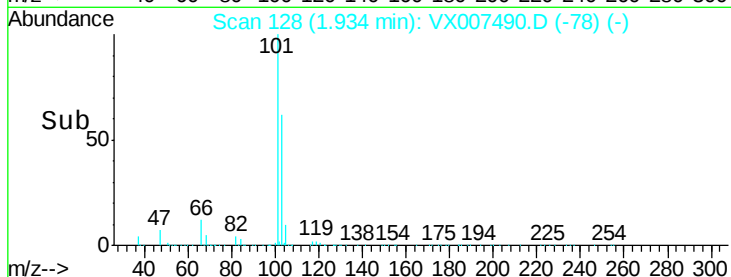
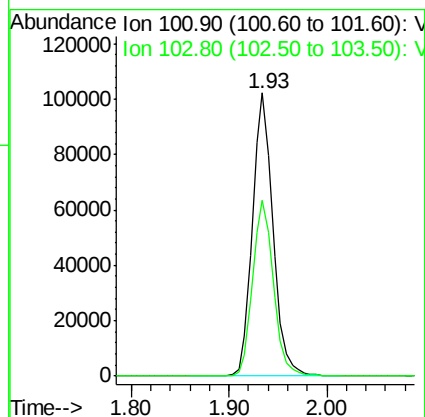
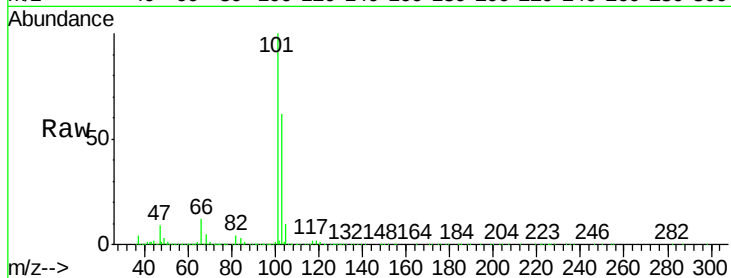


#7

Trichlorofluoromethane
Concen: 19.115 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

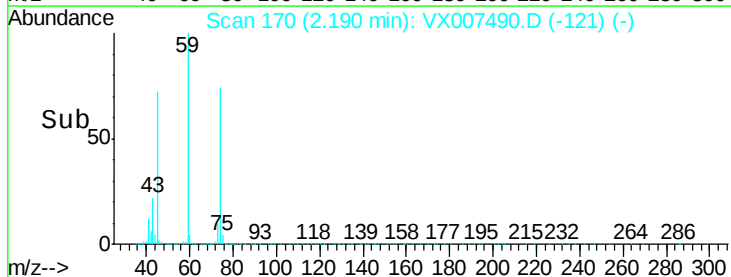
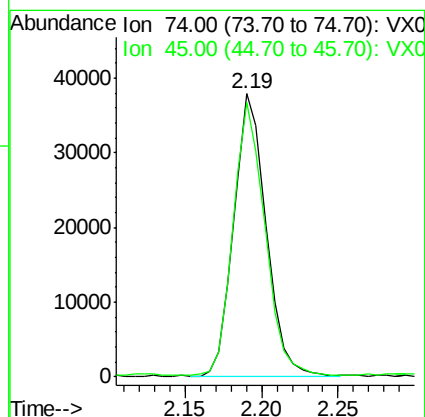
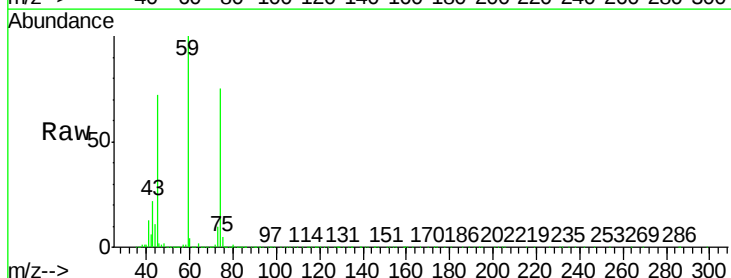
Tot Ion:101 Resp: 148802
Ion Ratio Lower Upper
101 100
103 62.1 52.6 79.0

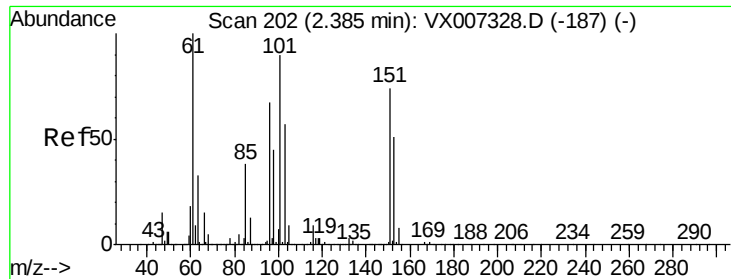


#8

Diethyl Ether
Concen: 19.087 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion: 74 Resp: 55924
Ion Ratio Lower Upper
74 100
45 94.4 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.198 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

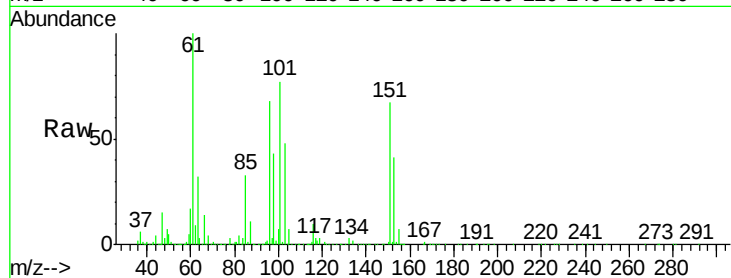
Tot Ion:101 Resp: 84265

Ion Ratio Lower Upper

101 100

85 44.9 34.1 51.1

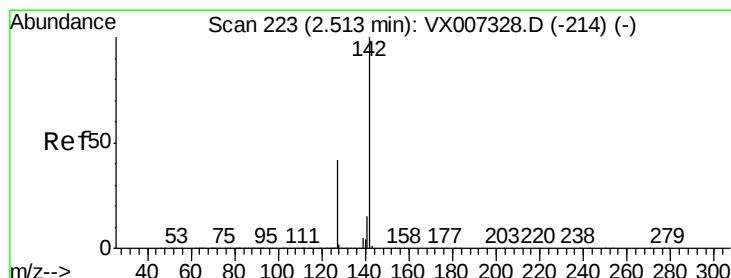
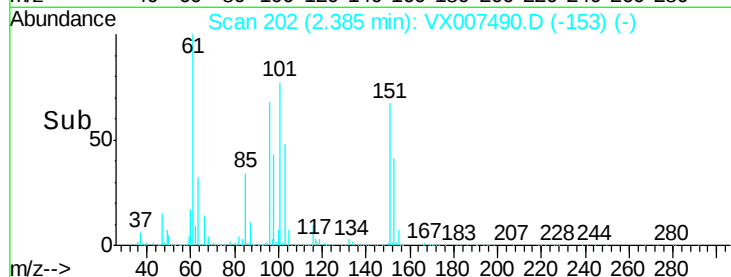
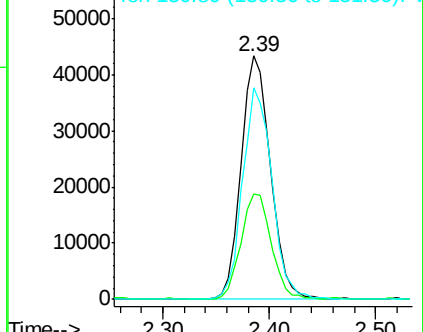
151 87.1 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.637 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

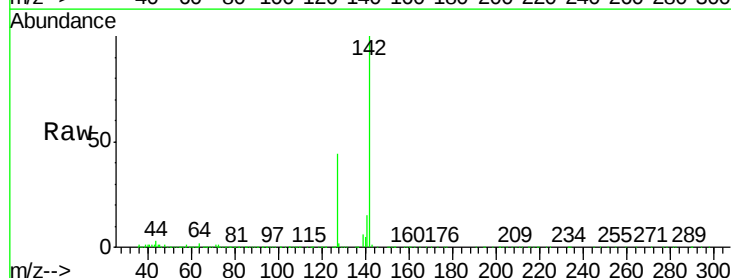
Tgt Ion:142 Resp: 99705

Ion Ratio Lower Upper

142 100

127 43.1 33.7 50.5

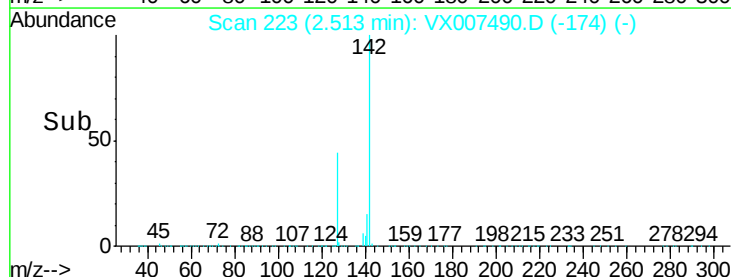
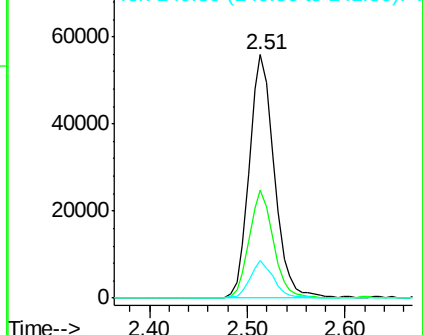
141 14.5 11.3 16.9

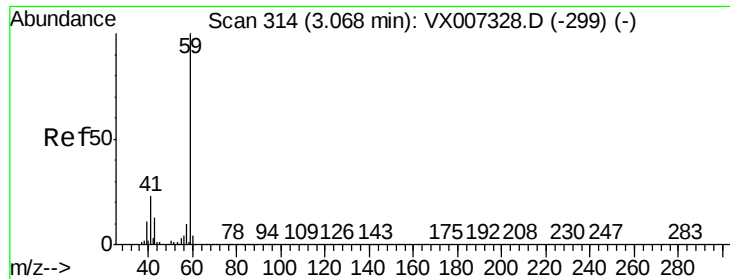


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



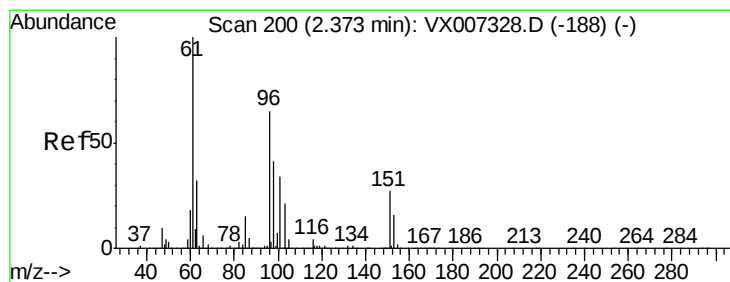
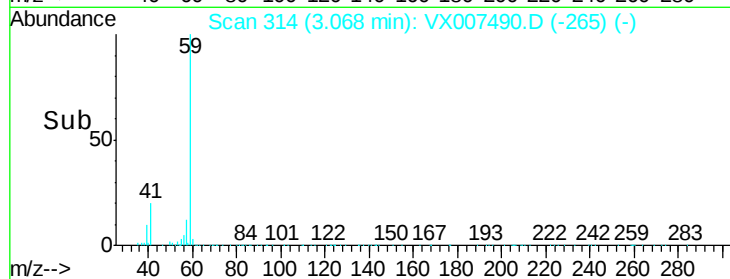
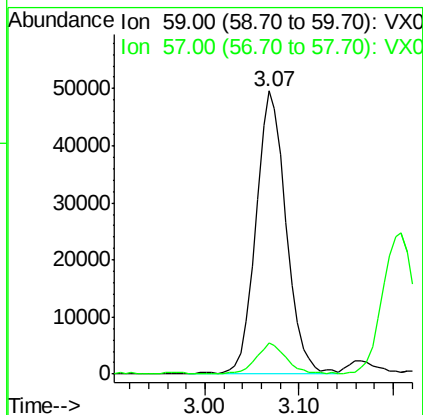
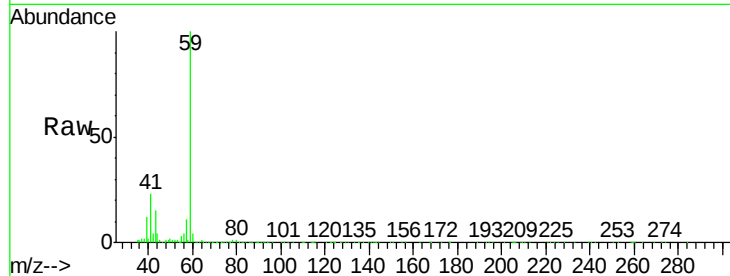


#11

Tert butyl alcohol
 Concen: 112.234 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0212WBSD01

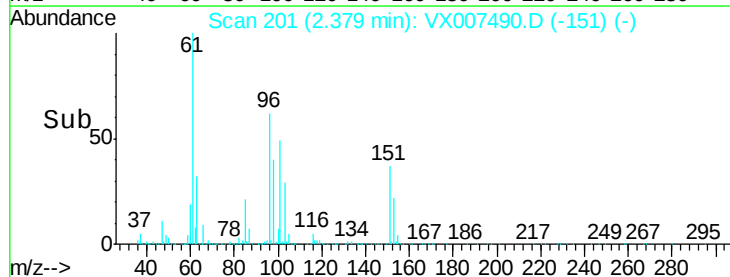
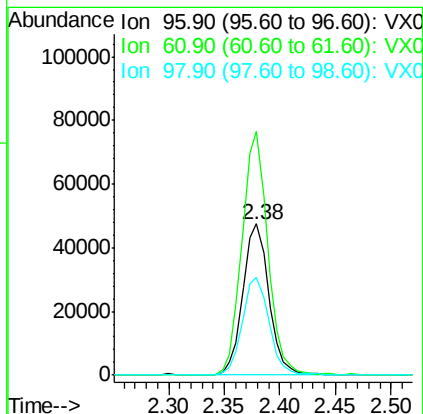
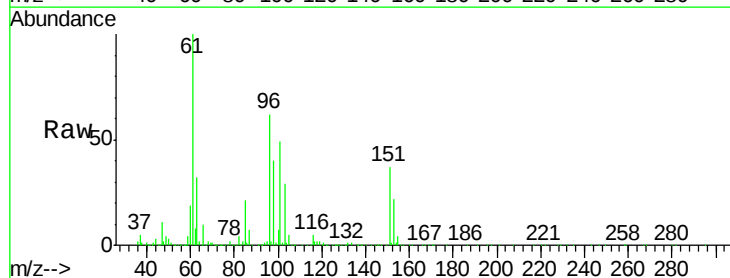
Tot Ion: 59 Resp: 111025
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.1 12.1

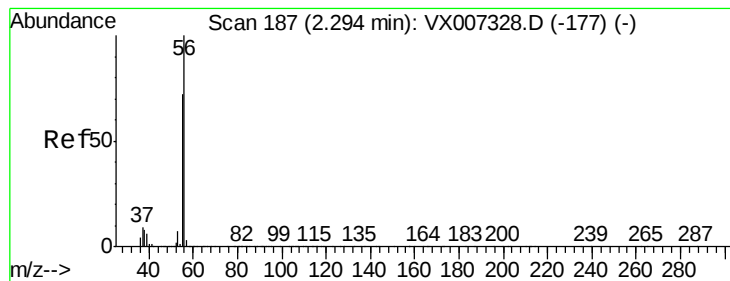


#12

1,1-Dichloroethene
 Concen: 18.005 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Tgt Ion: 96 Resp: 77420
 Ion Ratio Lower Upper
 96 100
 61 160.8 123.0 184.4
 98 64.9 50.9 76.3





#13

Acrolein

Concen: 60.160 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

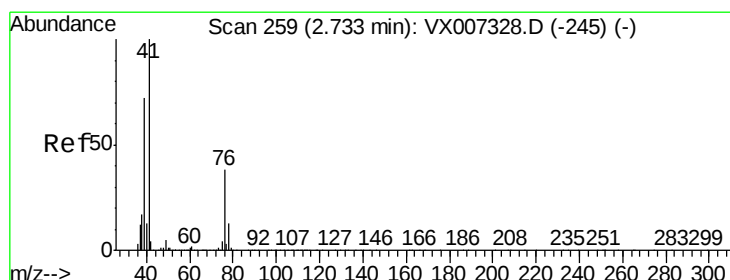
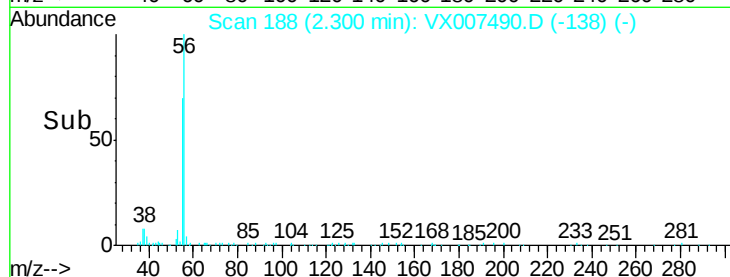
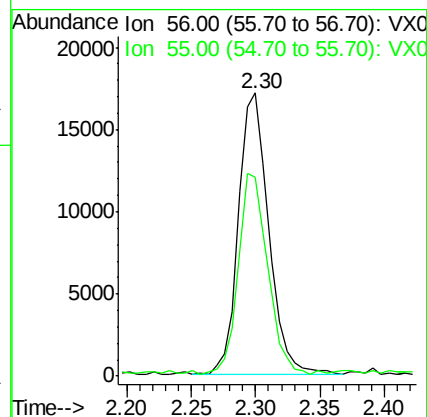
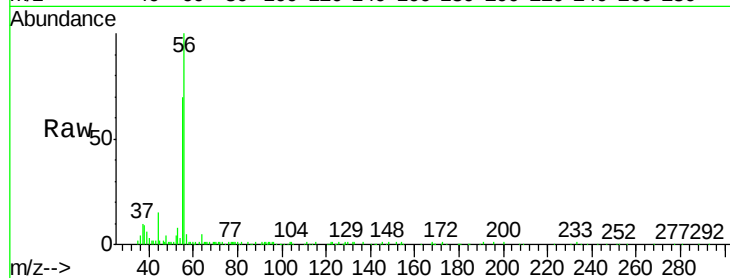
VX0212WBSD01

Tot Ion: 56 Resp: 27907

Ion Ratio Lower Upper

56 100

55 69.6 56.9 85.3



#14

Allyl chloride

Concen: 19.733 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

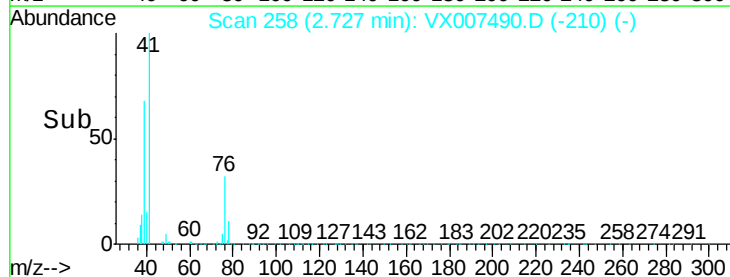
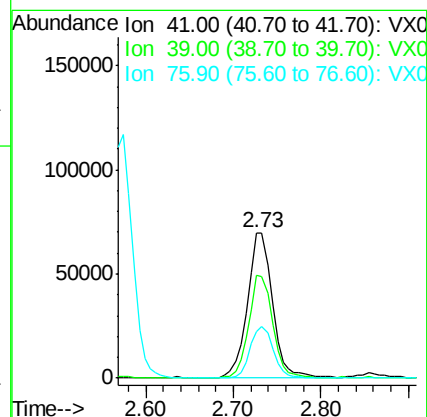
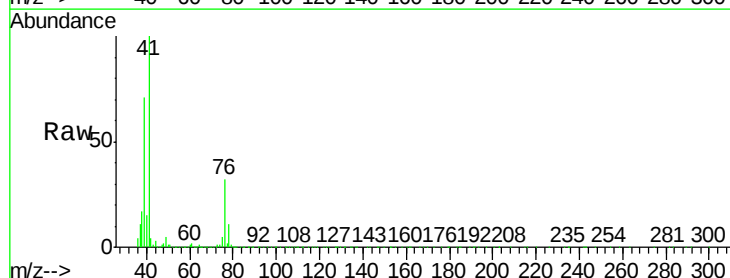
Tgt Ion: 41 Resp: 138255

Ion Ratio Lower Upper

41 100

39 66.5 54.1 81.1

76 32.5 27.8 41.8





#15

Acrylonitrile

Concen: 102.118 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

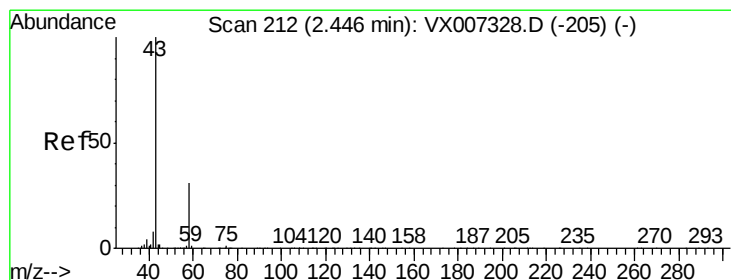
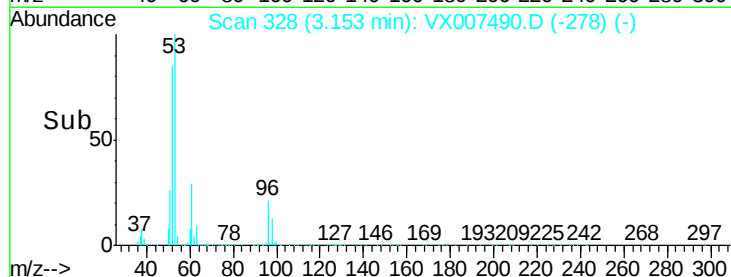
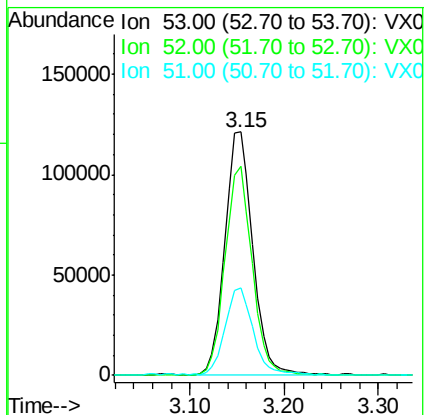
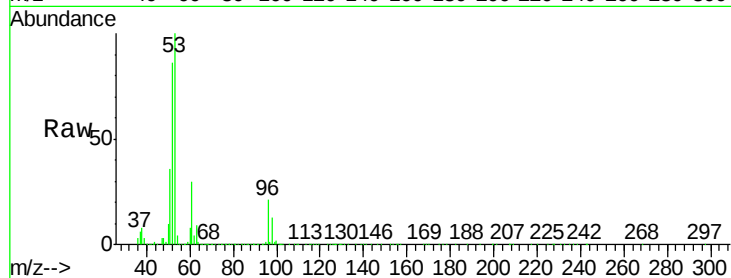
Tot Ion: 53 Resp: 249898

Ion Ratio Lower Upper

53 100

52 83.5 66.4 99.6

51 35.9 28.4 42.6



#16

Acetone

Concen: 102.716 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007490.D

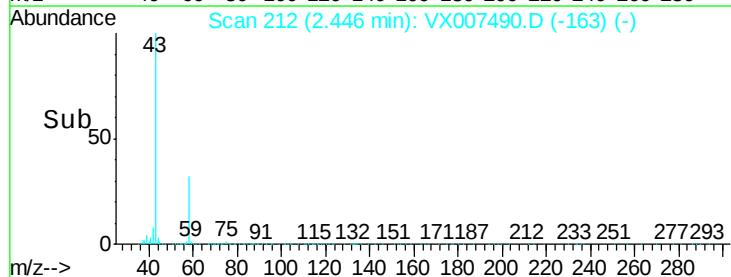
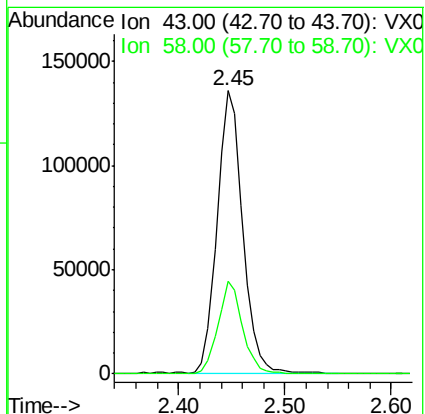
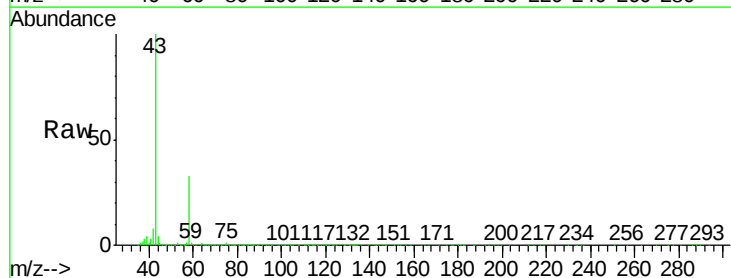
Acq: 12 Feb 2019 15:56

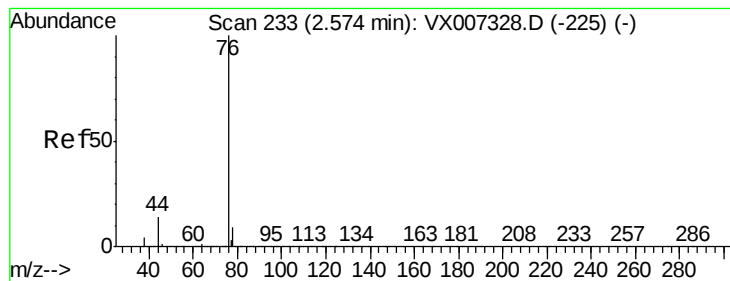
Tgt Ion: 43 Resp: 224907

Ion Ratio Lower Upper

43 100

58 32.6 24.9 37.3





#17

Carbon Disulfide

Concen: 18.610 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

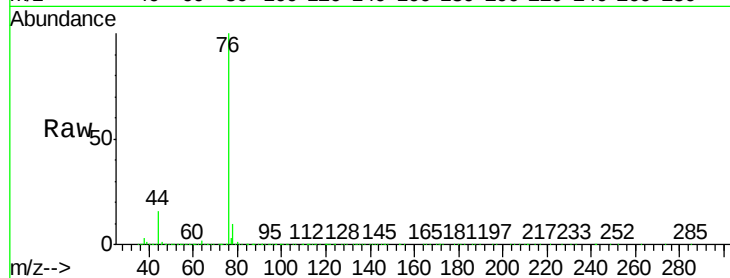
VX0212WBSD01

Tot Ion: 76 Resp: 193608

Ion Ratio Lower Upper

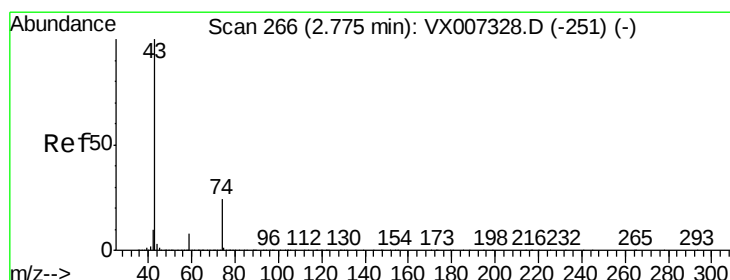
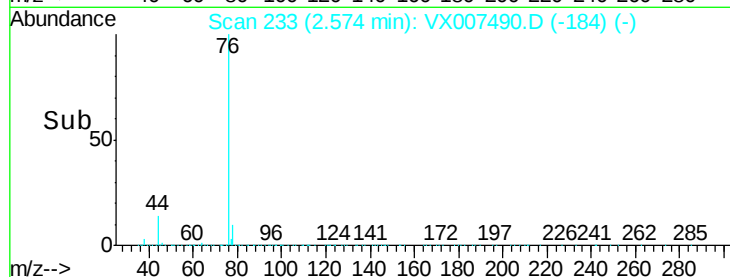
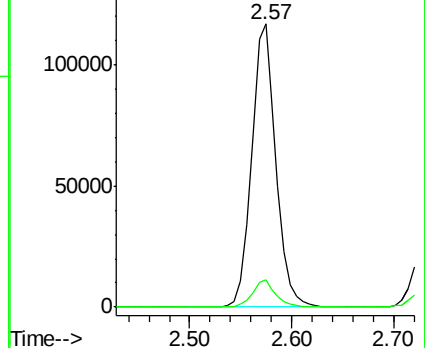
76 100

78 9.5 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: 24.054 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007490.D

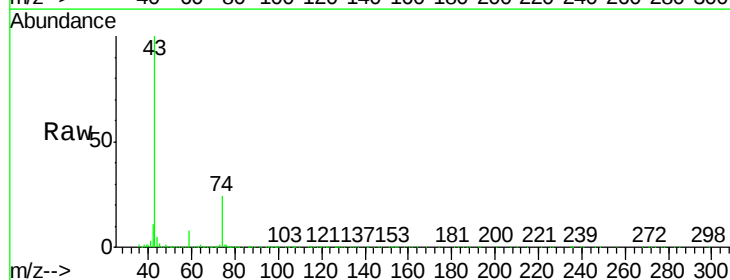
Acq: 12 Feb 2019 15:56

Tgt Ion: 43 Resp: 135455

Ion Ratio Lower Upper

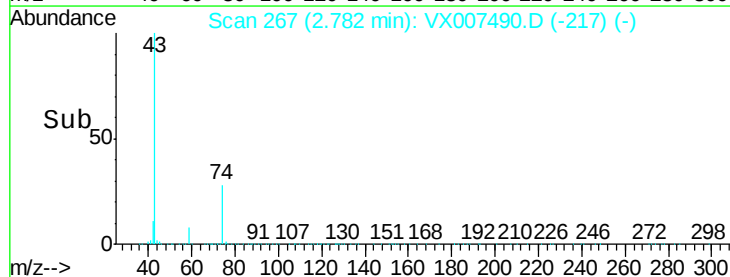
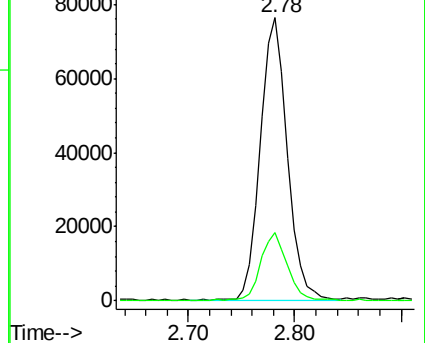
43 100

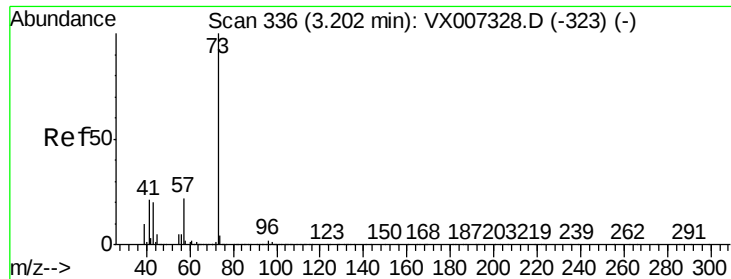
74 24.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

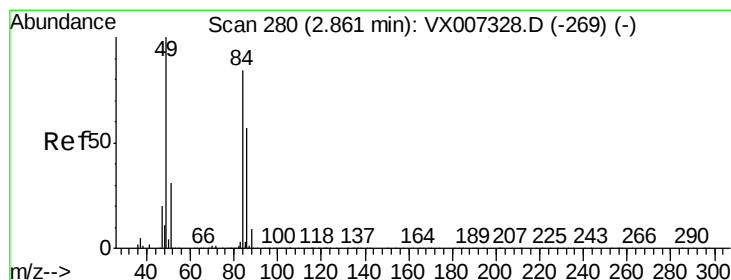
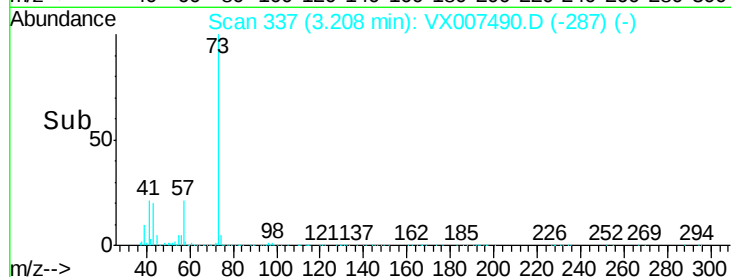
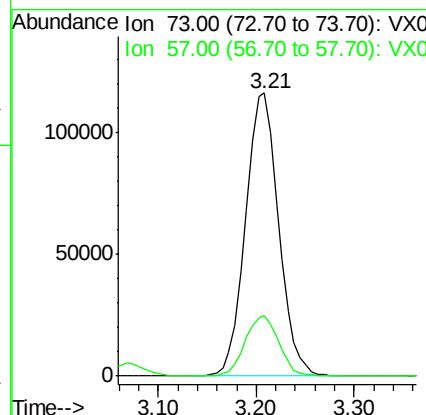
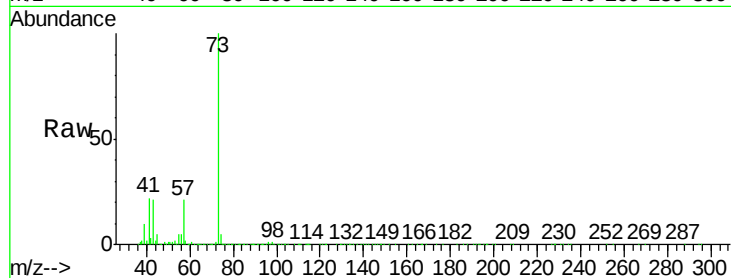




#19
Methvl tert-butvl Ether
Concen: 19.621 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

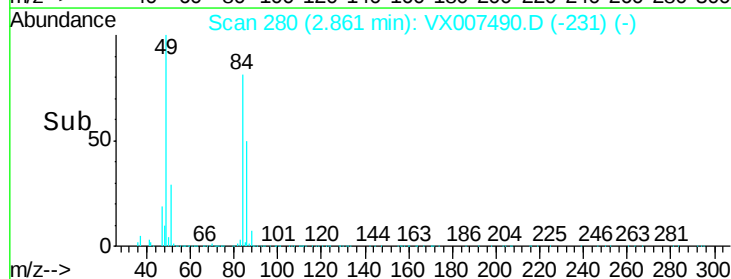
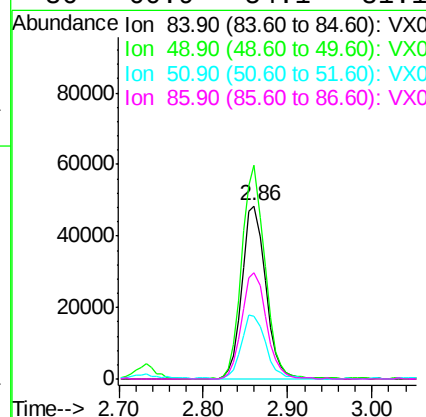
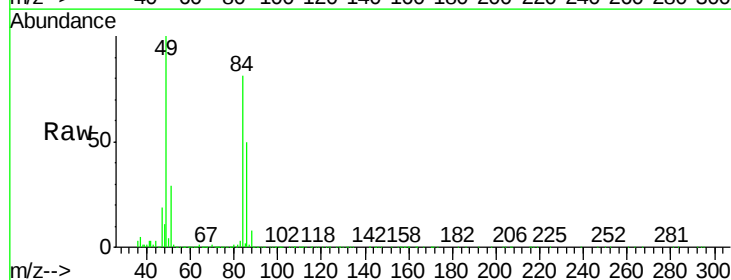
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

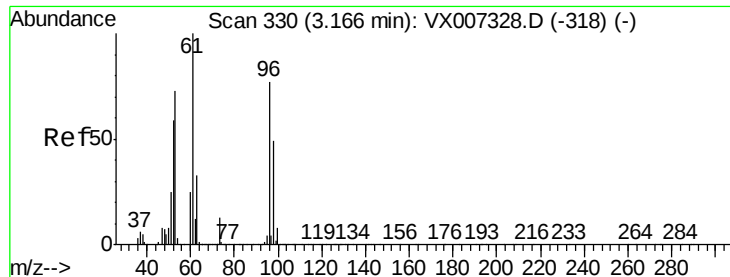
Tot Ion: 73 Resp: 273332
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.8



#20
Methylene Chloride
Concen: 20.322 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion: 84 Resp: 91933
Ion Ratio Lower Upper
84 100
49 123.1 94.8 142.2
51 35.6 29.8 44.8
86 60.9 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.965 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

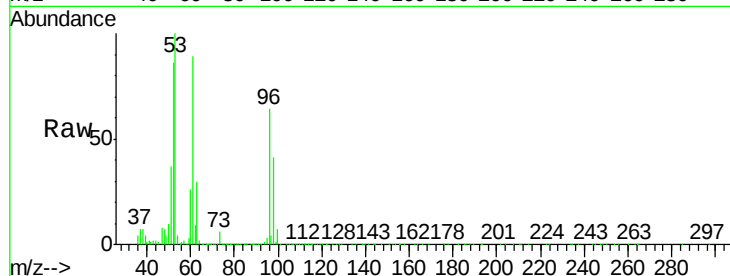
Tot Ion: 96 Resp: 82290

Ion Ratio Lower Upper

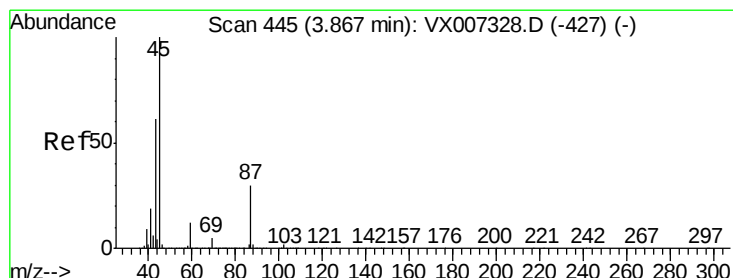
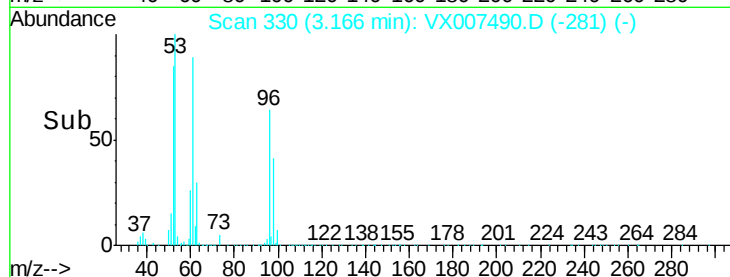
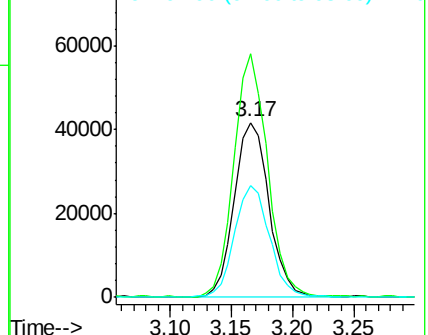
96 100

61 139.0 104.6 156.8

98 63.8 51.0 76.4



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



#22

Diisopropyl ether

Concen: 19.848 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Tgt Ion: 45 Resp: 255792

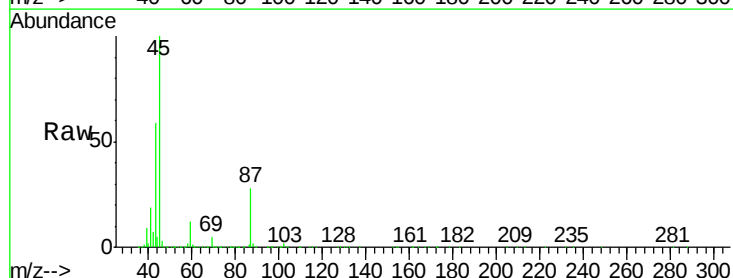
Ion Ratio Lower Upper

45 100

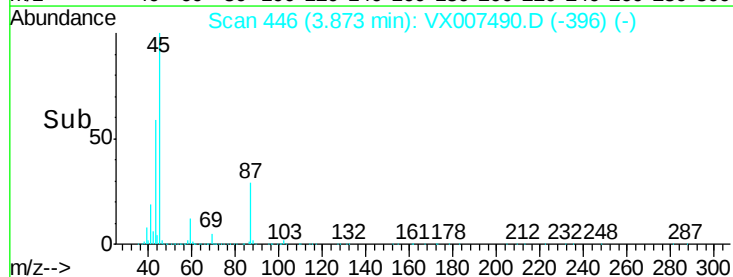
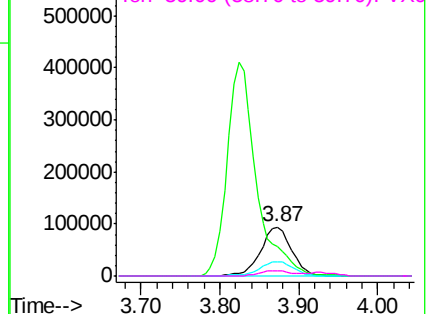
43 59.1 48.9 73.3

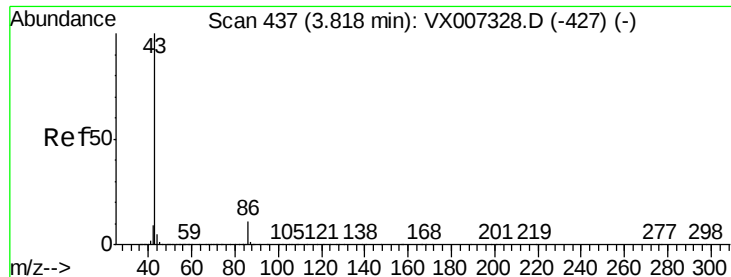
87 28.3 23.9 35.9

59 11.5 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.707 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

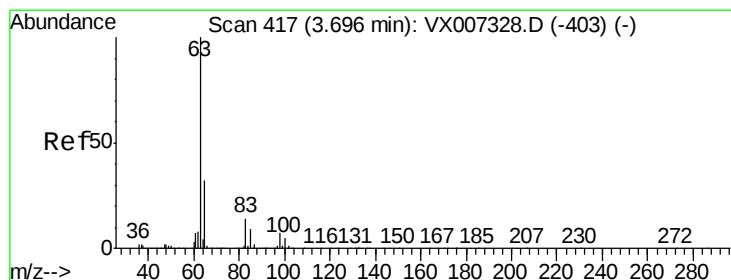
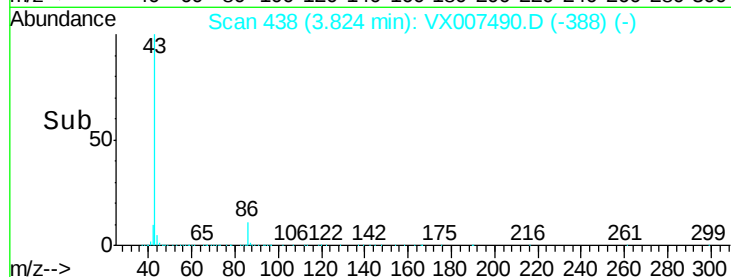
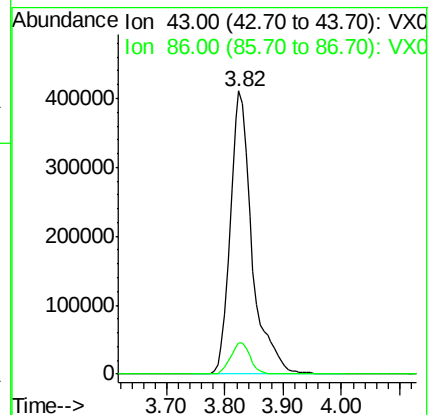
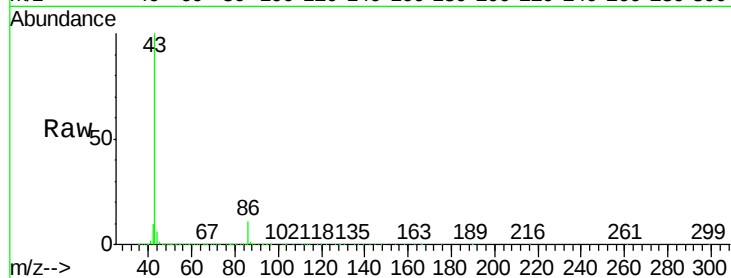
VX0212WBSD01

Tot Ion: 43 Resp: 1066280

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.624 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

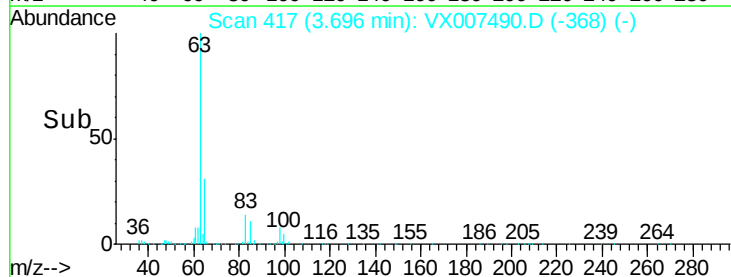
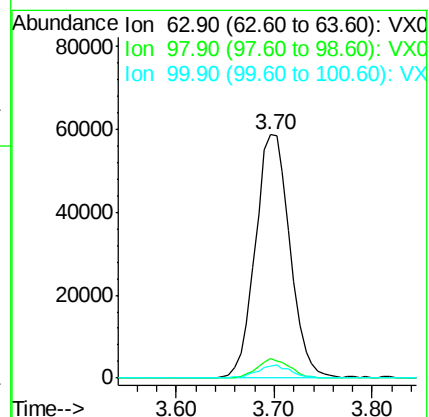
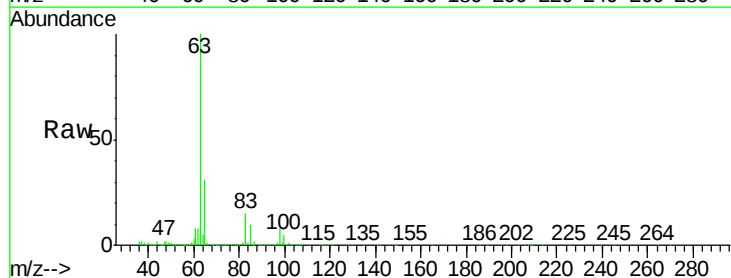
Tgt Ion: 63 Resp: 145235

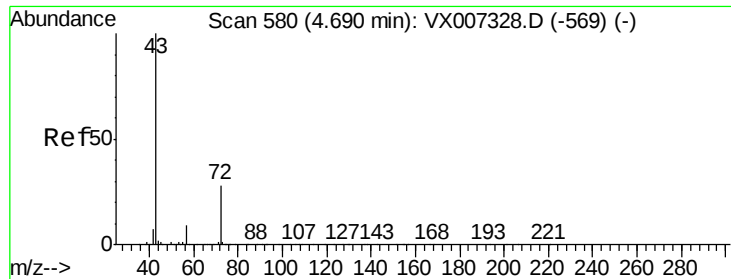
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.8

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 105.957 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

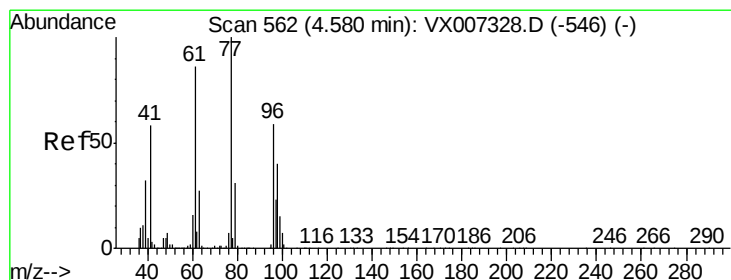
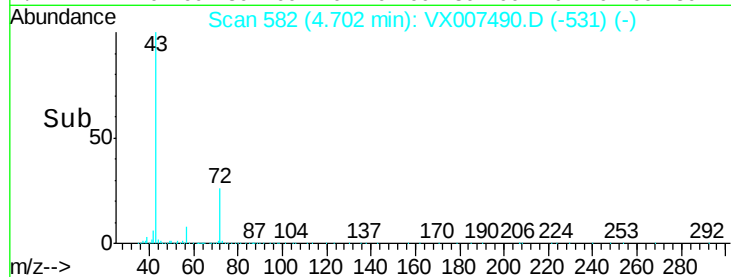
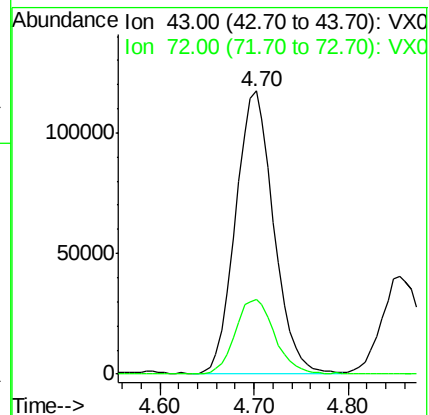
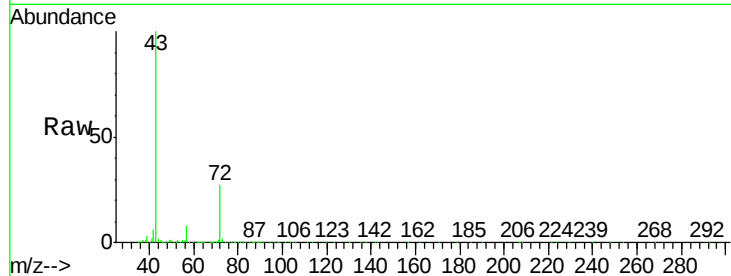
VX0212WBSD01

Tot Ion: 43 Resp: 330170

Ion Ratio Lower Upper

43 100

72 26.4 22.2 33.2



#26

2,2-Dichloropropane

Concen: 17.654 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007490.D

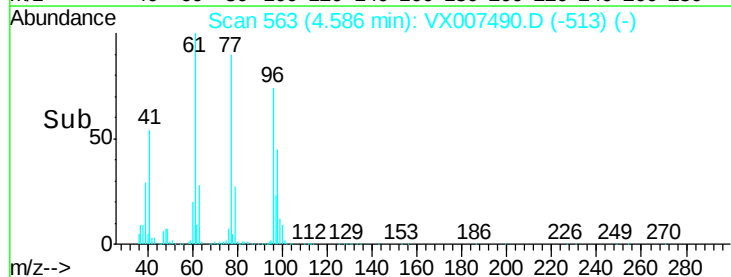
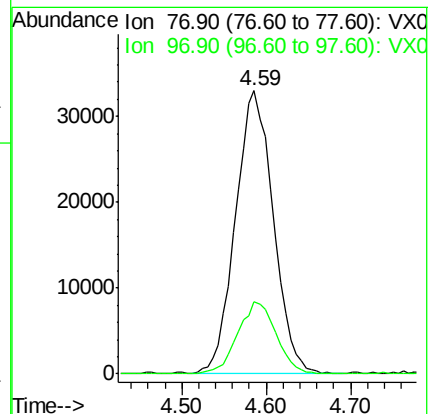
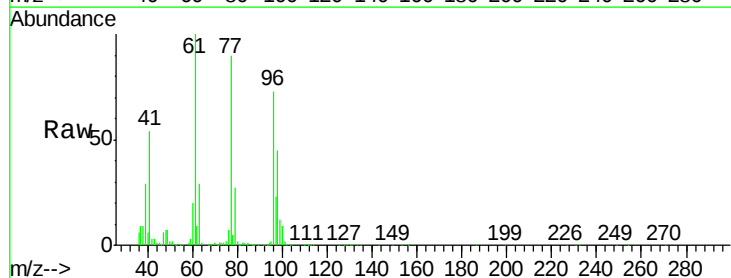
Acq: 12 Feb 2019 15:56

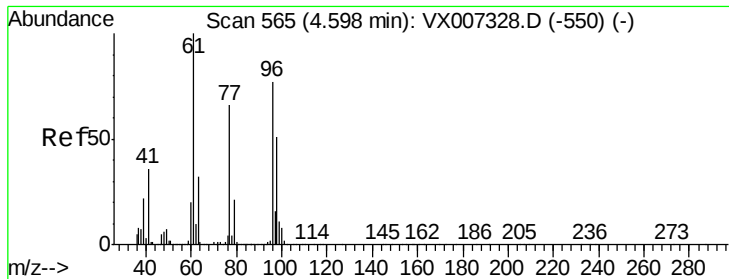
Tgt Ion: 77 Resp: 99503

Ion Ratio Lower Upper

77 100

97 26.1 12.1 36.3



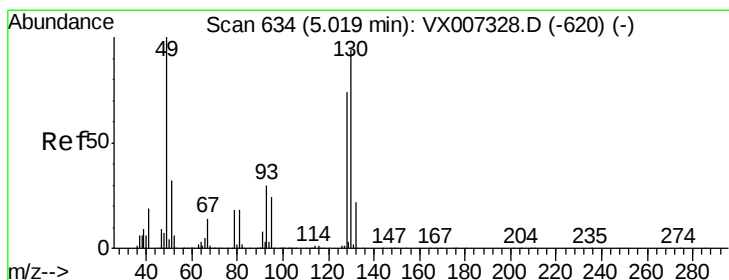
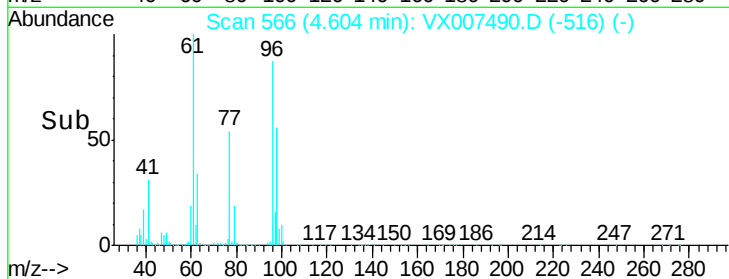
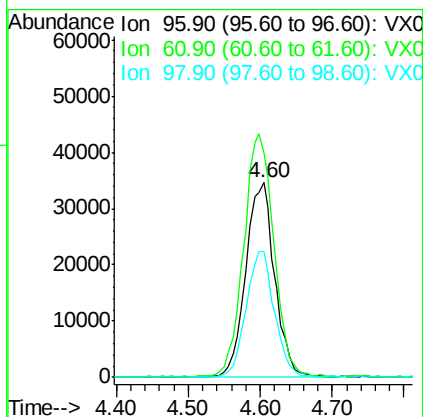
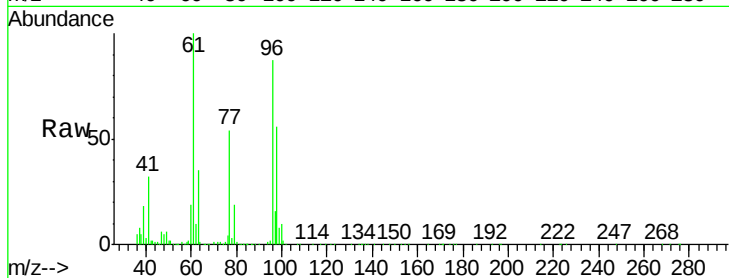


#27

cis-1,2-Dichloroethene
 Concen: 19.334 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01

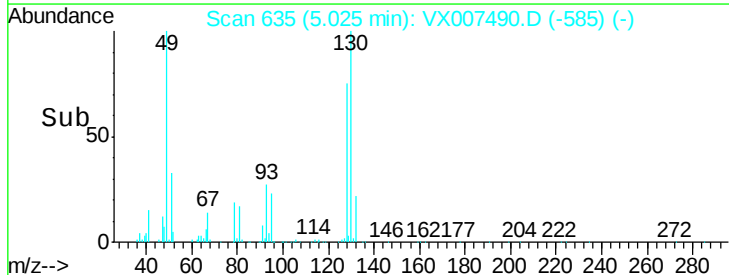
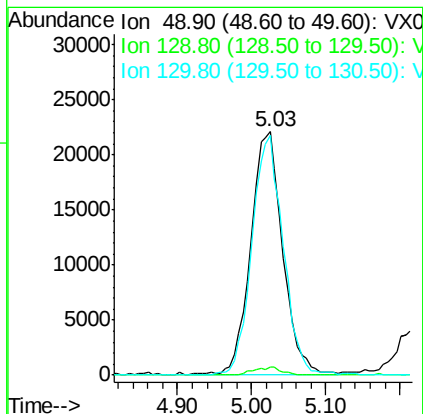
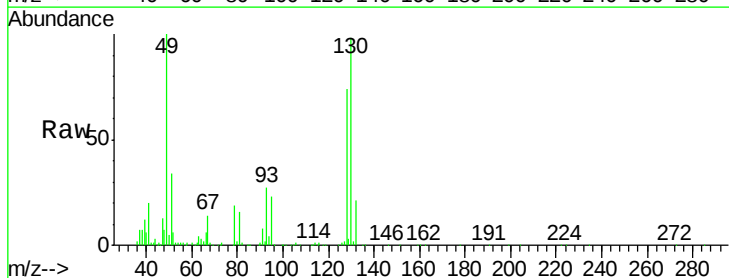
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	265.6
98	63.3	0.0	131.6



#28

Bromochloromethane
 Concen: 19.470 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	96.5	75.6	113.4

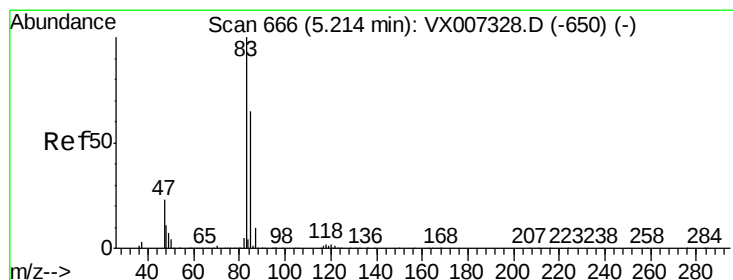
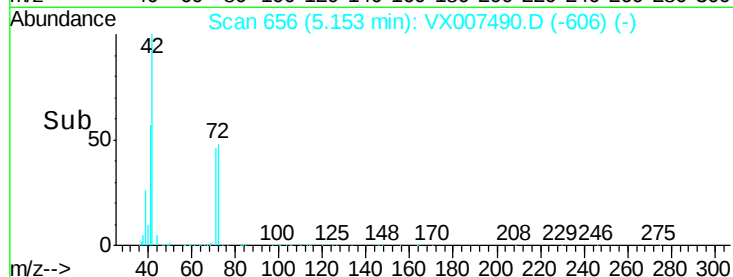
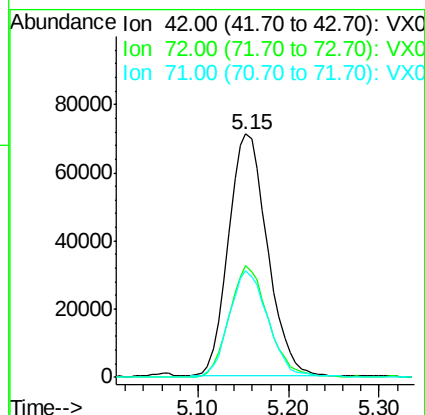
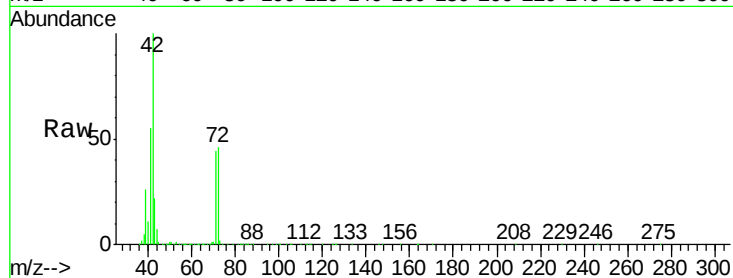




#29
Tetrahydrofuran
Concen: 107.910 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

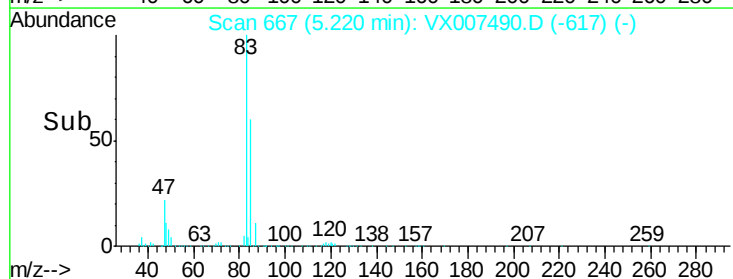
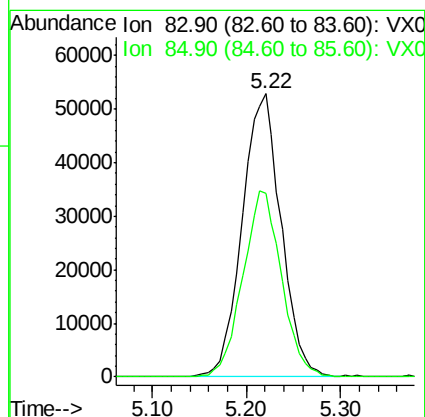
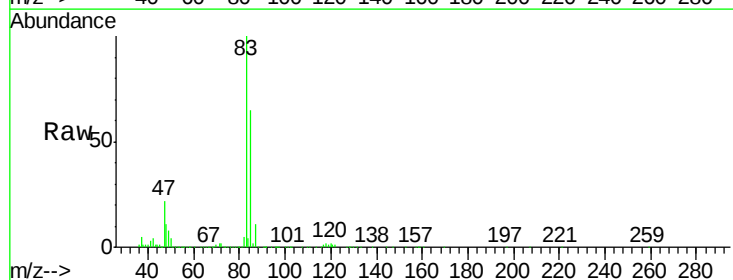
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

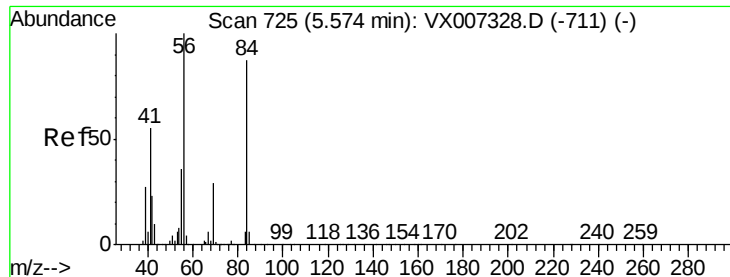
Tot Ion: 42 Resp: 211481
Ion Ratio Lower Upper
42 100
72 46.4 37.6 56.4
71 44.2 34.6 51.8



#30
Chloroform
Concen: 19.829 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion: 83 Resp: 153135
Ion Ratio Lower Upper
83 100
85 65.1 51.6 77.4





#31

Cyclohexane

Concen: 17.871 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

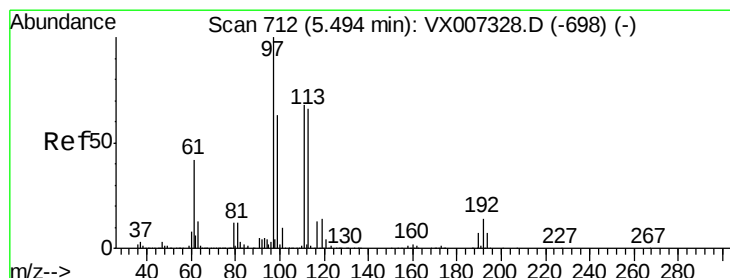
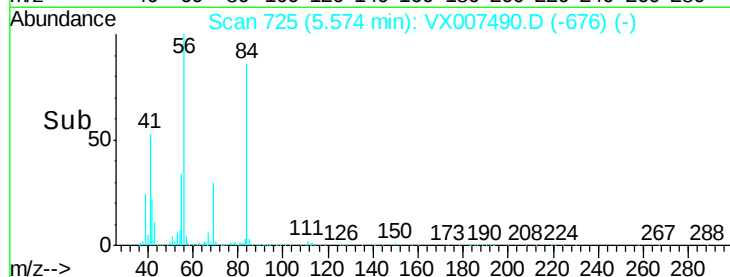
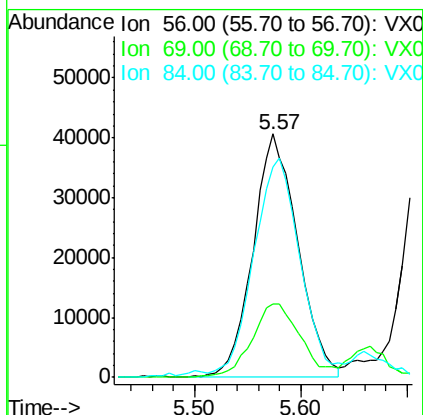
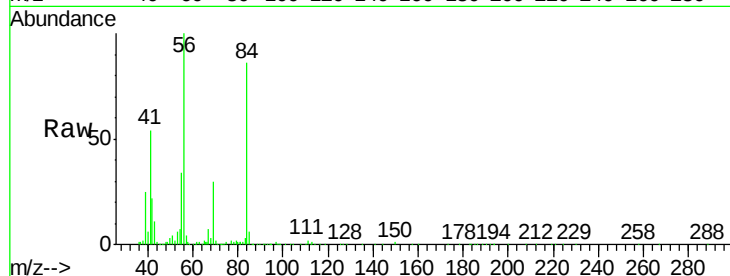
Tot Ion: 56 Resp: 118789

Ion Ratio Lower Upper

56 100

69 30.3 23.0 34.6

84 85.2 69.8 104.6



#32

1,1,1-Trichloroethane

Concen: 19.900 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

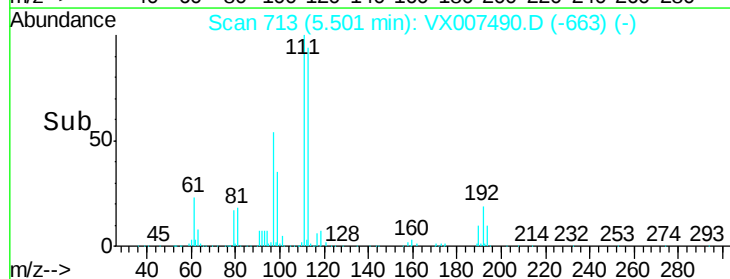
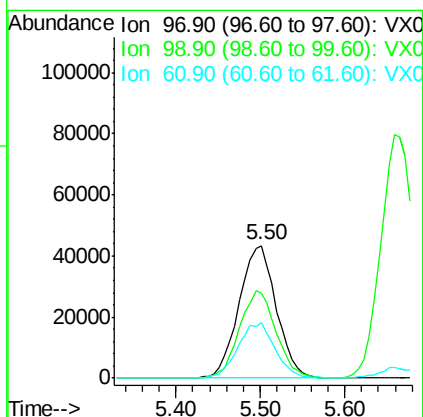
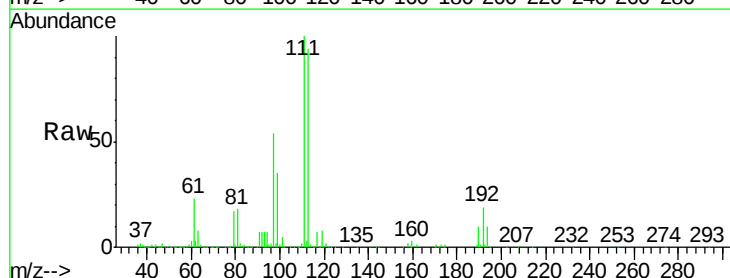
Tgt Ion: 97 Resp: 129724

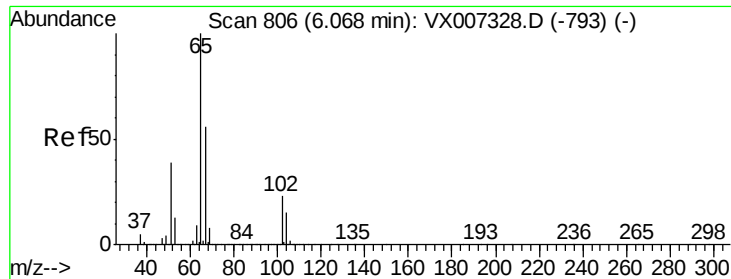
Ion Ratio Lower Upper

97 100

99 64.9 52.2 78.2

61 41.4 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 50.342 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

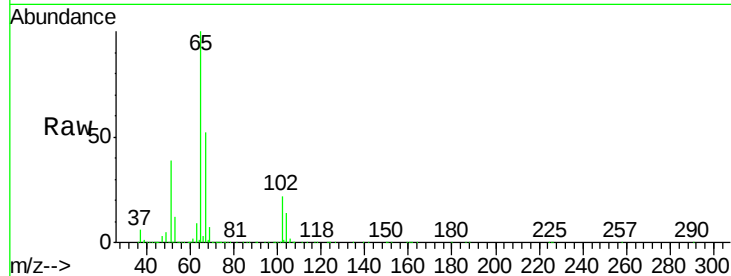
VX0212WBSD01

Tot Ion: 65 Resp: 240638

Ion Ratio Lower Upper

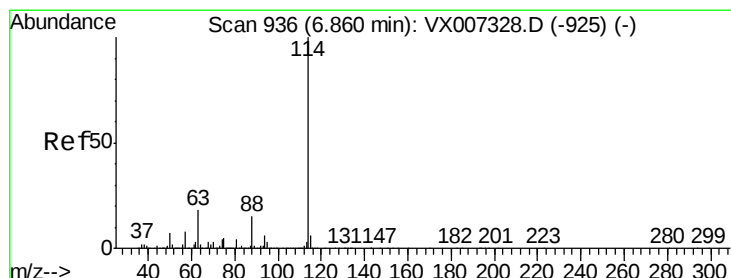
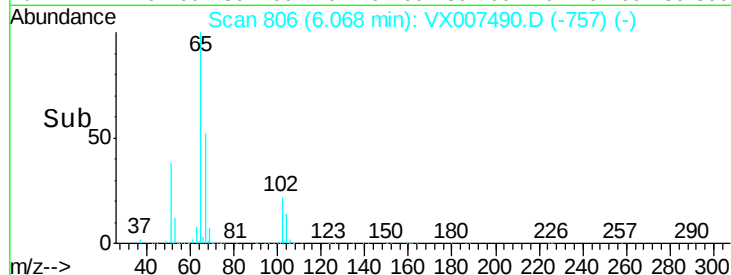
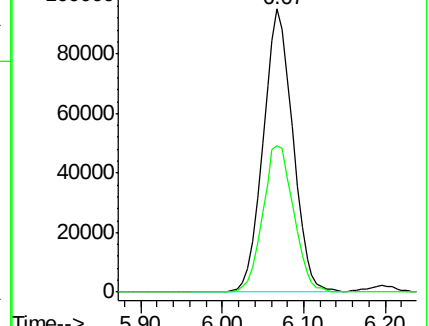
65 100

67 53.8 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

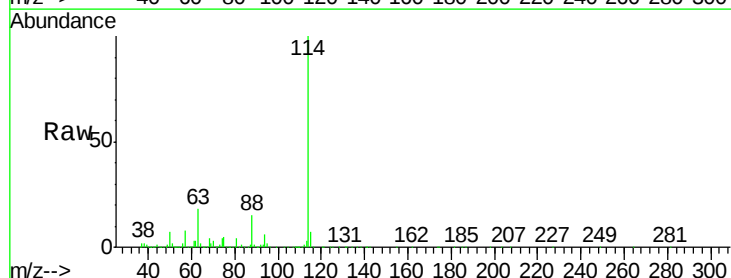
Tgt Ion: 114 Resp: 681440

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

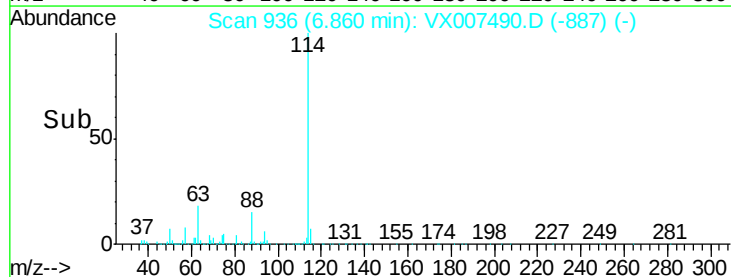
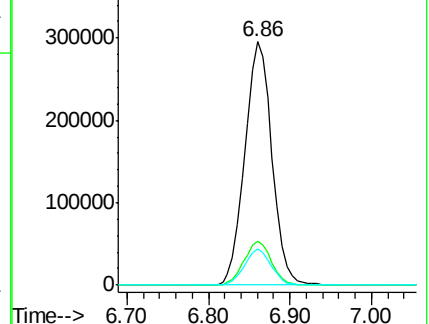
88 15.1 0.0 29.6

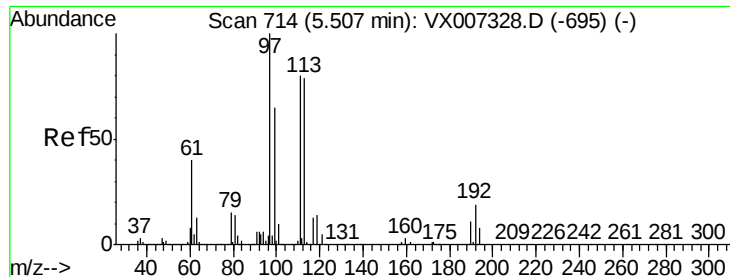


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.726 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

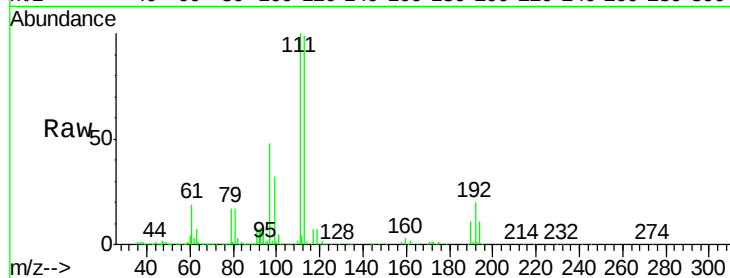
Tot Ion:113 Resp: 220480

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

192 21.4 18.5 27.7

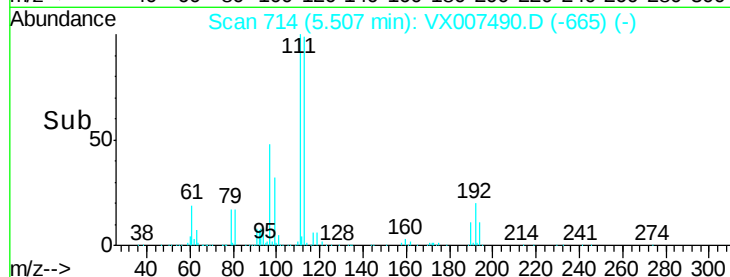


Abundance Ion 112.80 (112.50 to 113.50): V

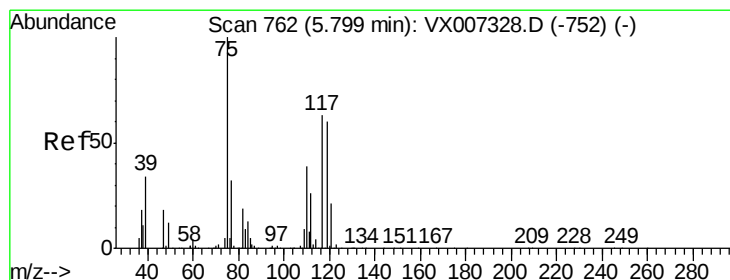
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.51



Time-->



#36

1,1-Dichloropropene

Concen: 17.256 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

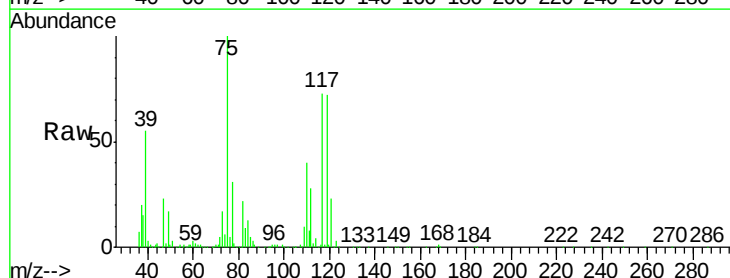
Tgt Ion: 75 Resp: 105508

Ion Ratio Lower Upper

75 100

110 40.3 20.0 59.9

77 32.6 24.7 37.1

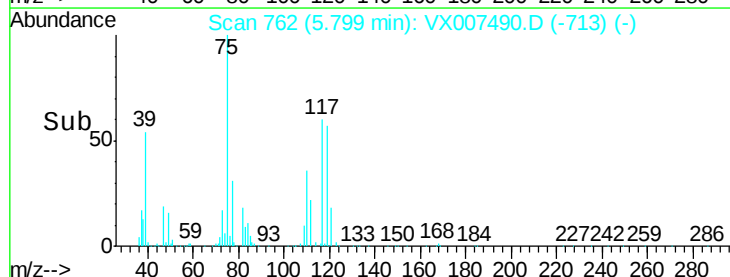


Abundance Ion 74.90 (74.60 to 75.60): VX0

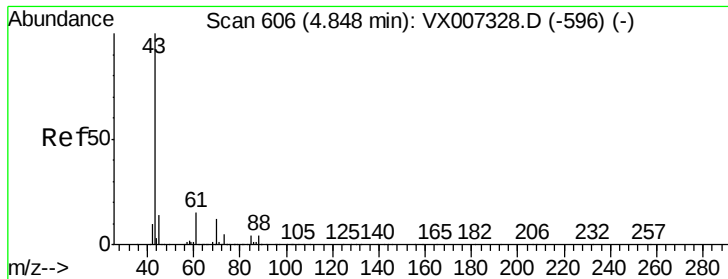
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

5.80



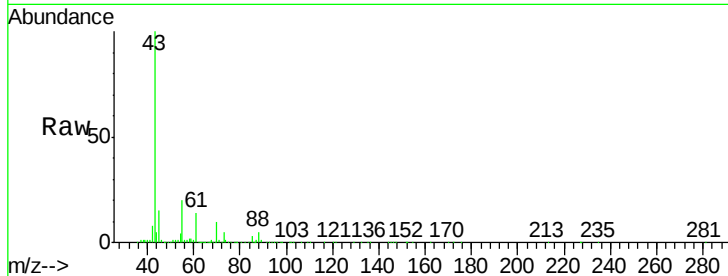
Time-->



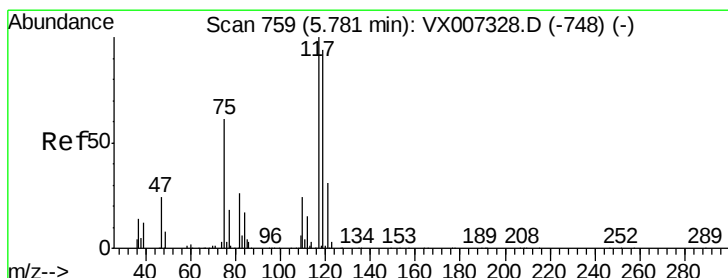
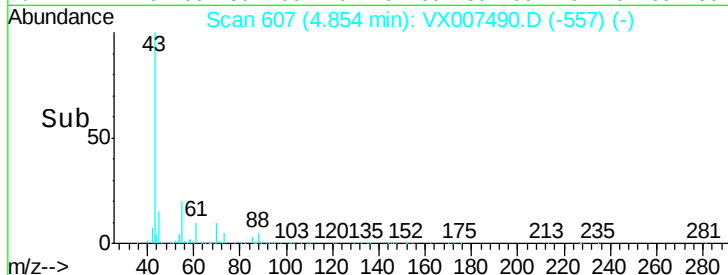
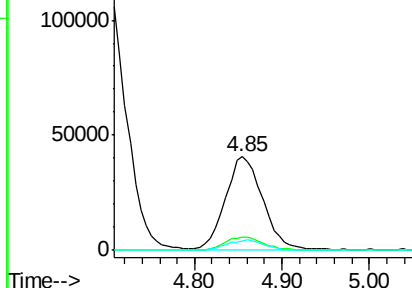
#37
Ethyl Acetate
Concen: 19.498 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Tot Ion: 43 Resp: 120510
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 11.8 8.6 13.0

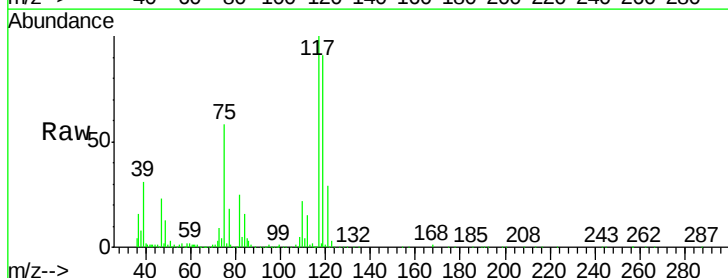


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

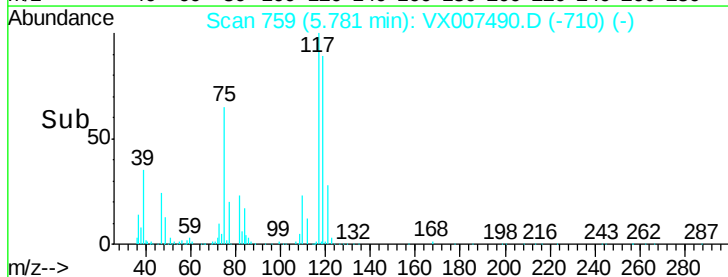
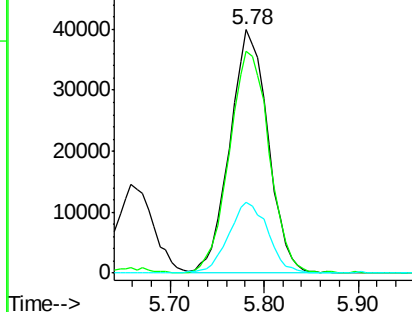


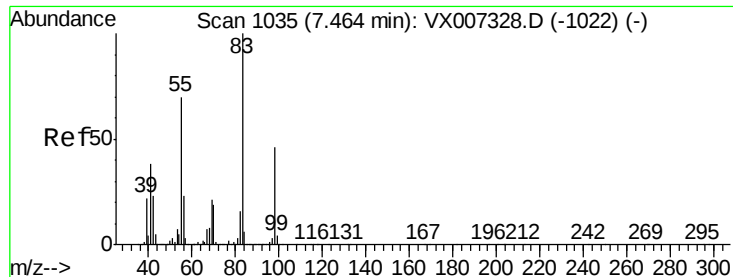
#38
Carbon Tetrachloride
Concen: 19.042 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion: 117 Resp: 112951
Ion Ratio Lower Upper
117 100
119 90.8 75.3 112.9
121 29.0 25.0 37.4



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

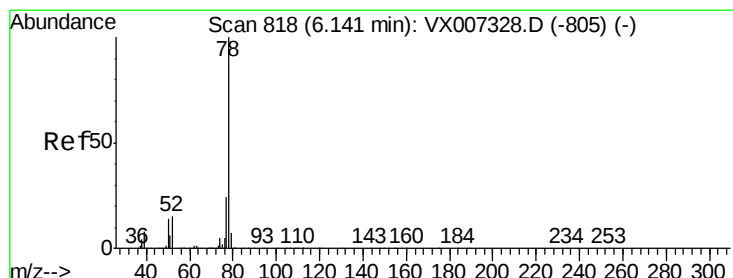
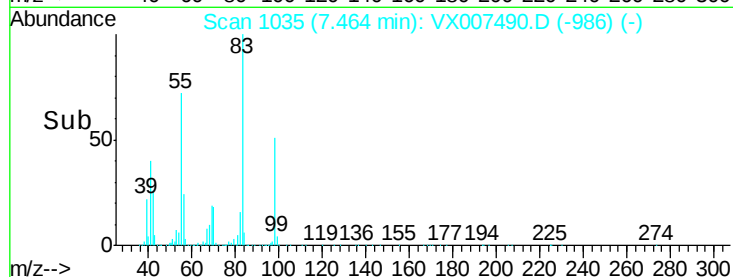
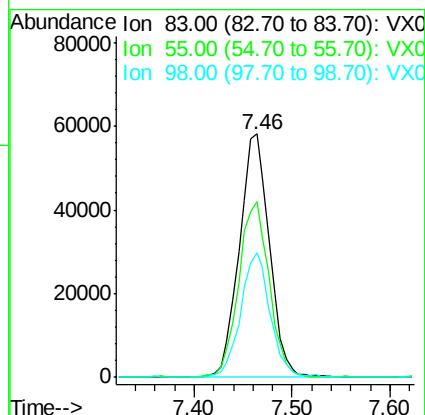
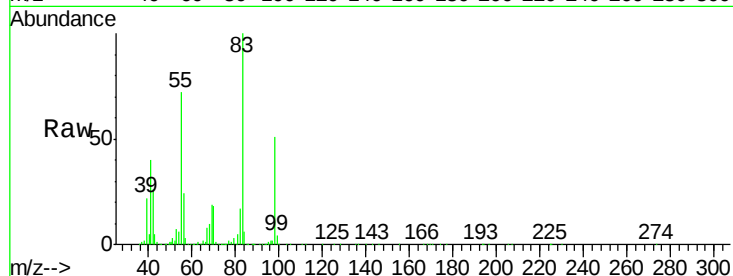




#39
Methvlcvclohexane
Concen: 16.782 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

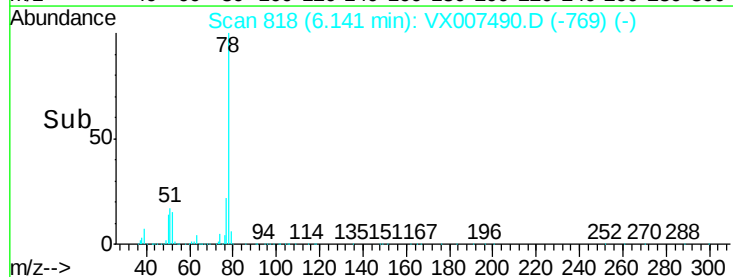
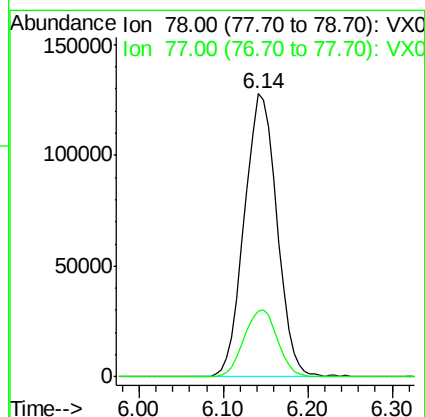
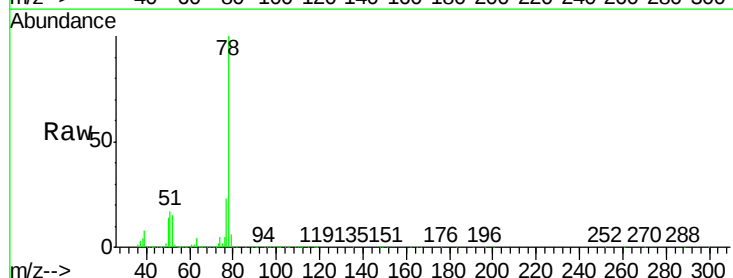
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

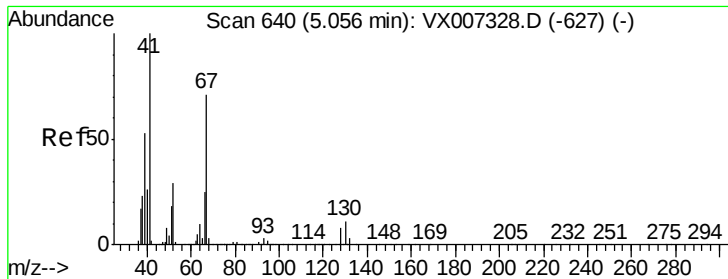
Tot Ion: 83 Resp: 124142
Ion Ratio Lower Upper
83 100
55 72.2 56.2 84.2
98 51.2 36.8 55.2



#40
Benzene
Concen: 18.744 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion: 78 Resp: 337582
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9

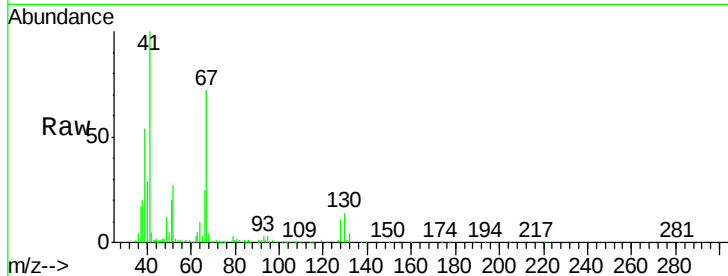




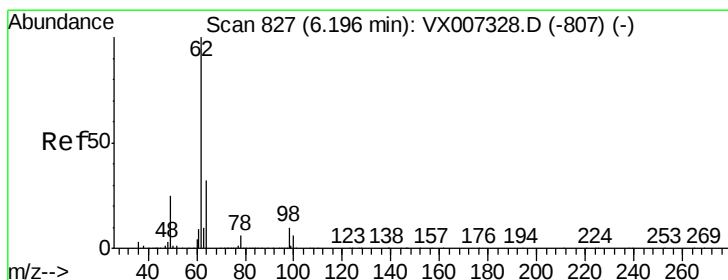
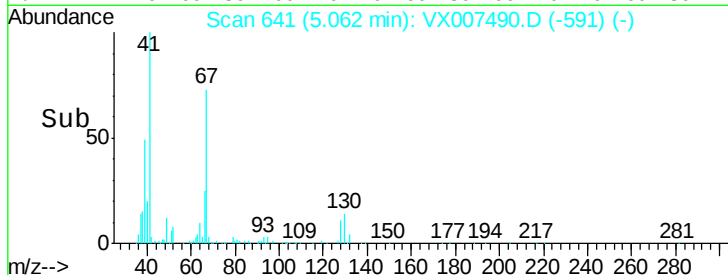
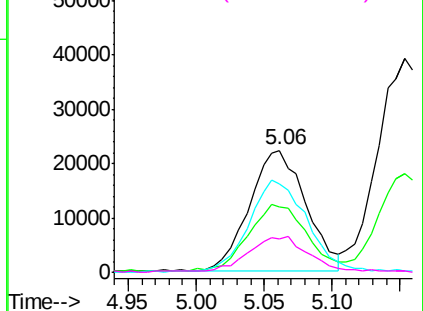
#41
Methacrylonitrile
Concen: 19.416 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Tot Ion:	41	Resp:	64317
Ion	Ratio	Lower	Upper
41	100		
39	57.3	44.5	66.7
67	78.7	60.4	90.6
52	29.6	24.1	36.1

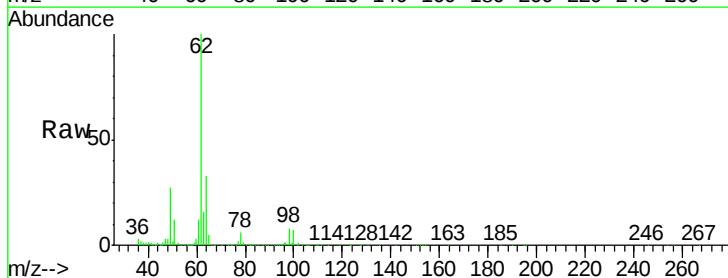


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

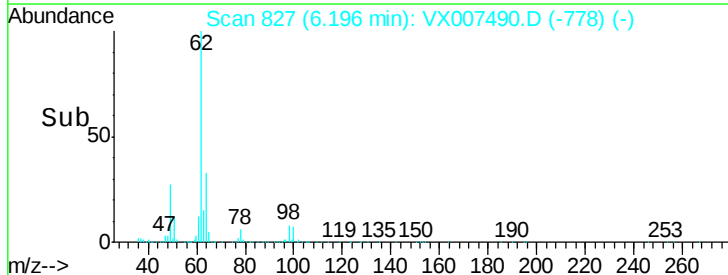
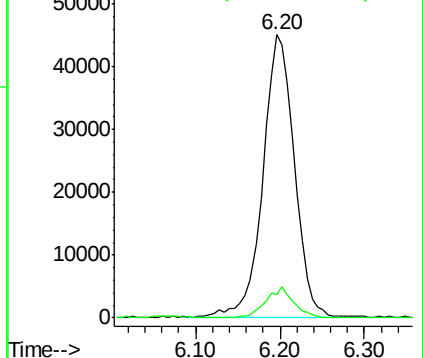


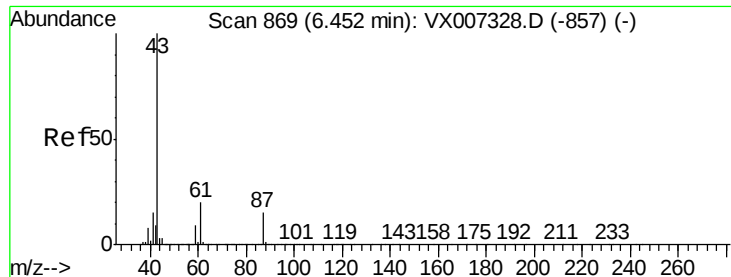
#42
1,2-Dichloroethane
Concen: 18.574 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion:	62	Resp:	115741
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



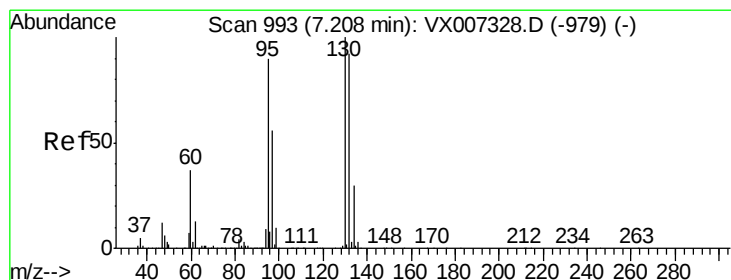
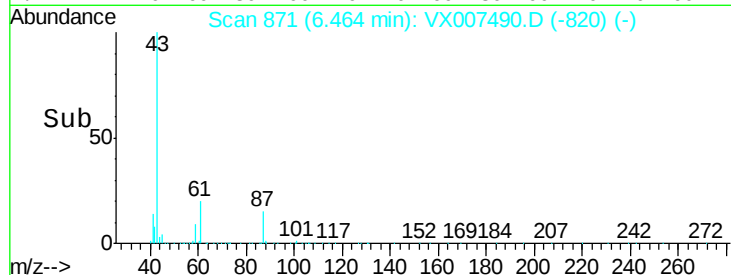
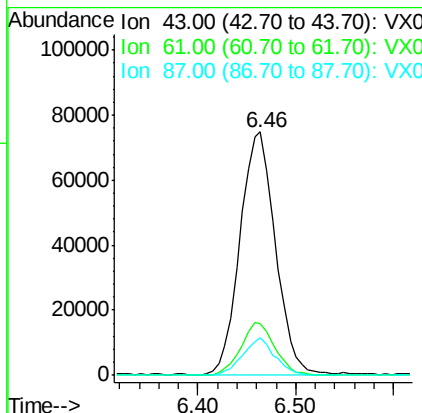
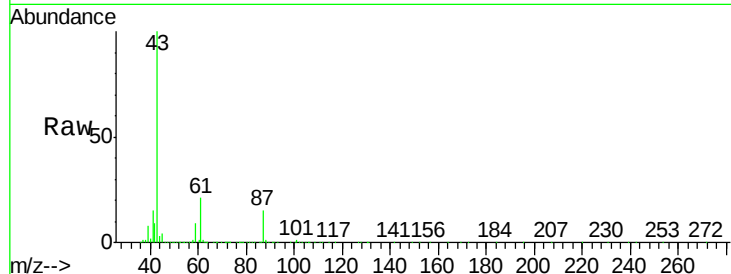


#43

Isopropyl Acetate
 Concen: 19.684 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01

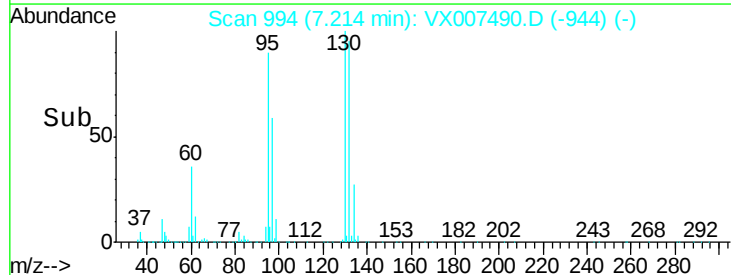
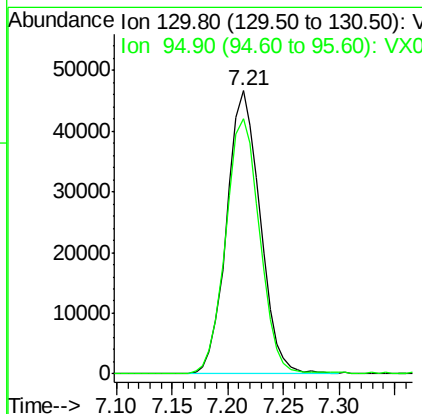
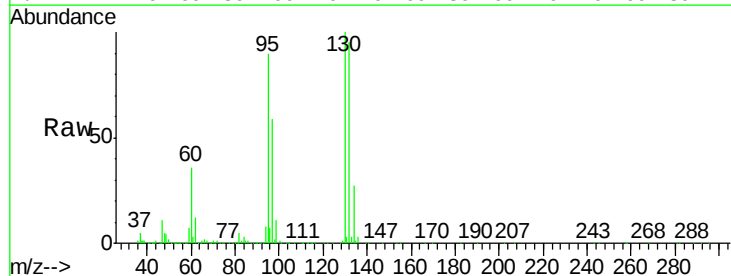
Tot Ion: 43 Resp: 187789
 Ion Ratio Lower Upper
 43 100
 61 21.1 16.1 24.1
 87 14.3 11.5 17.3

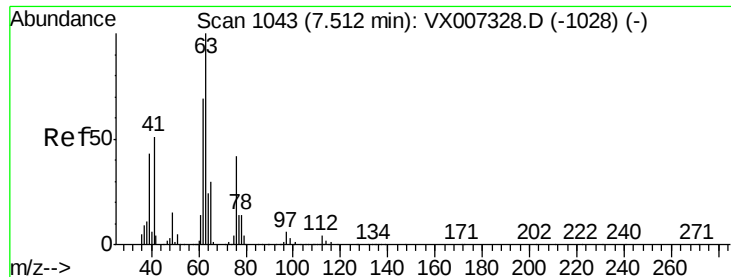


#44

Trichloroethene
 Concen: 17.958 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Tgt Ion: 130 Resp: 97408
 Ion Ratio Lower Upper
 130 100
 95 90.0 0.0 180.0





#45

1,2-Dichloropropane

Concen: 19.280 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

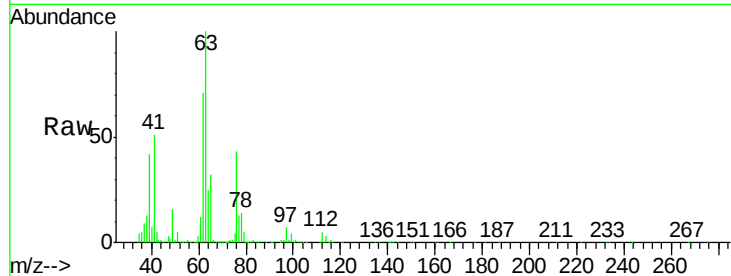
VX0212WBSD01

Tot Ion: 63 Resp: 87004

Ion Ratio Lower Upper

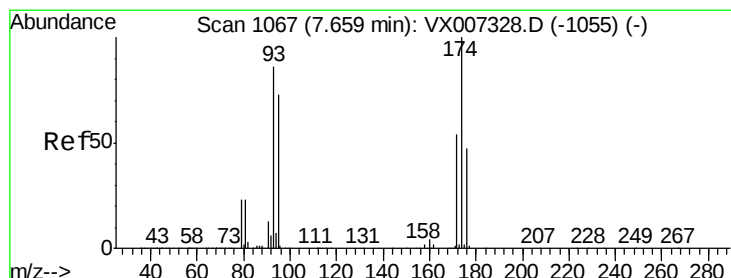
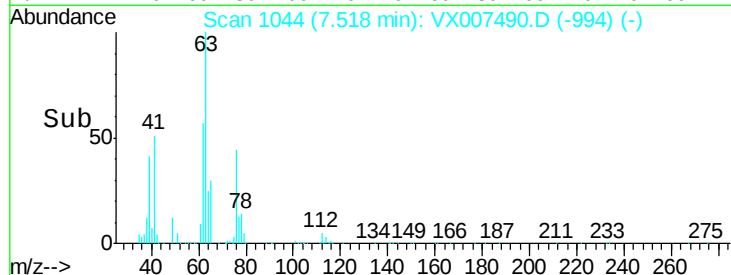
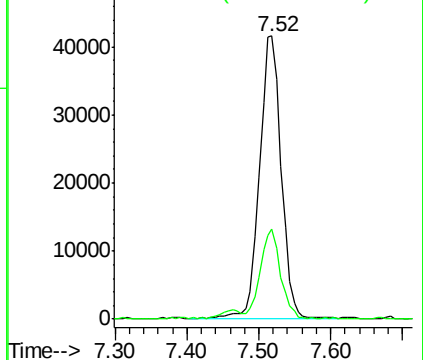
63 100

65 31.5 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: 18.395 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

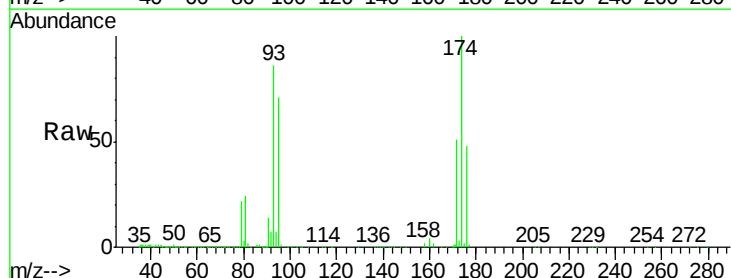
Tgt Ion: 93 Resp: 60331

Ion Ratio Lower Upper

93 100

95 83.2 67.6 101.4

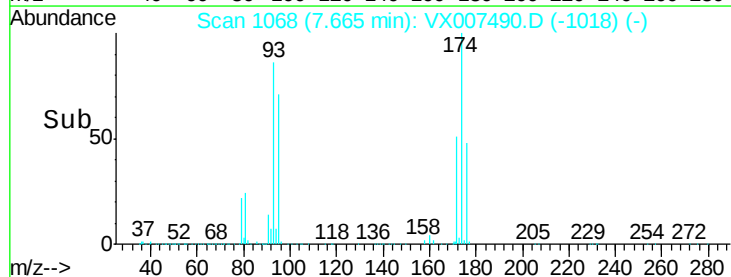
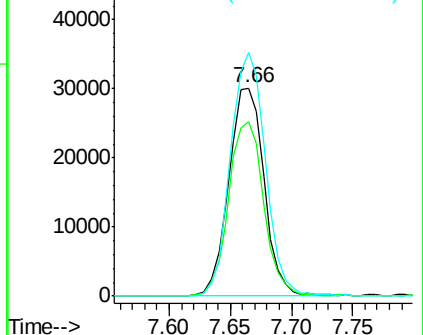
174 115.7 94.2 141.4

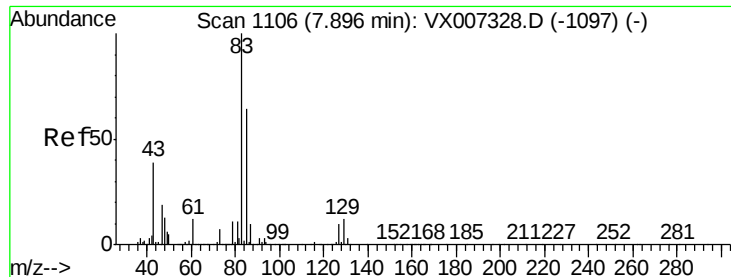


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.078 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

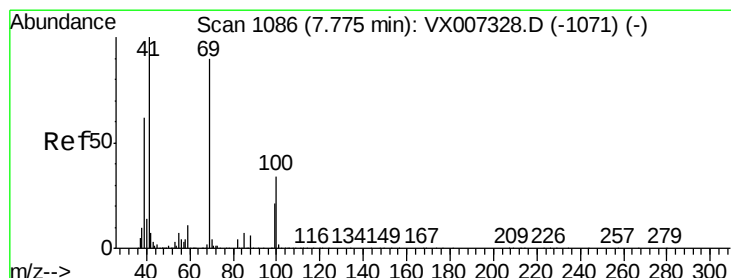
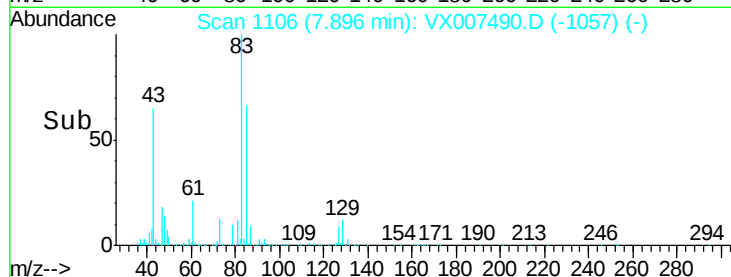
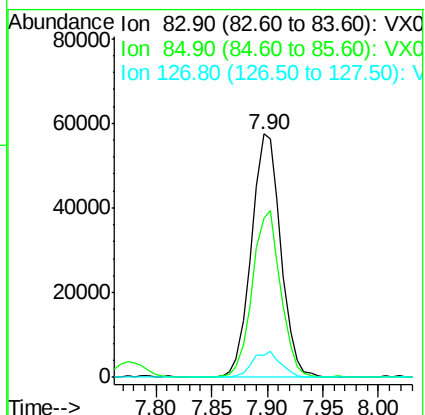
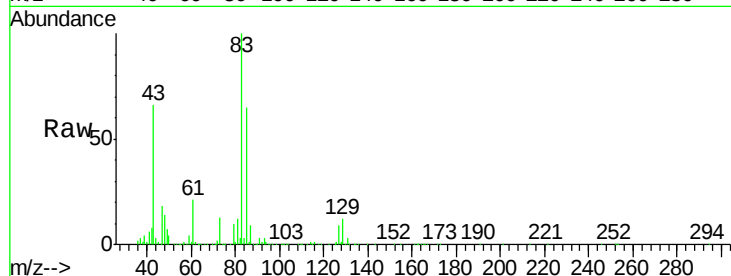
Tot Ion: 83 Resp: 106046

Ion Ratio Lower Upper

83 100

85 65.5 51.4 77.0

127 9.3 8.1 12.1



#48

Methyl methacrylate

Concen: 20.108 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

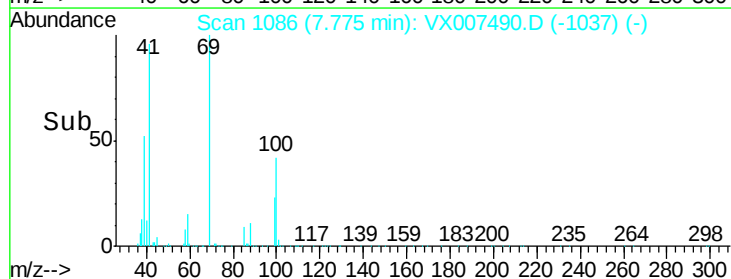
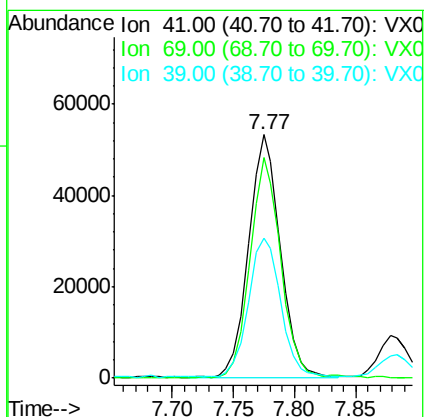
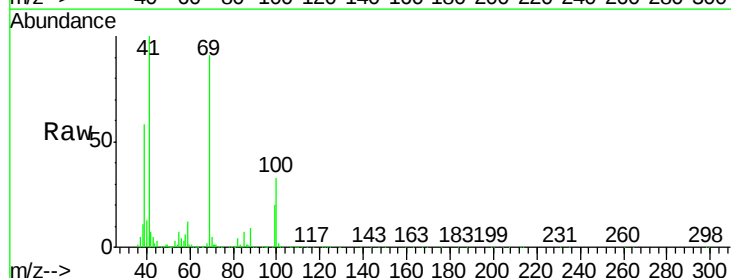
Tgt Ion: 41 Resp: 95951

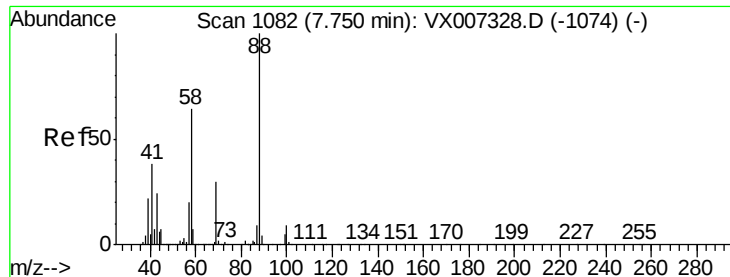
Ion Ratio Lower Upper

41 100

69 88.4 70.2 105.4

39 58.1 47.4 71.0

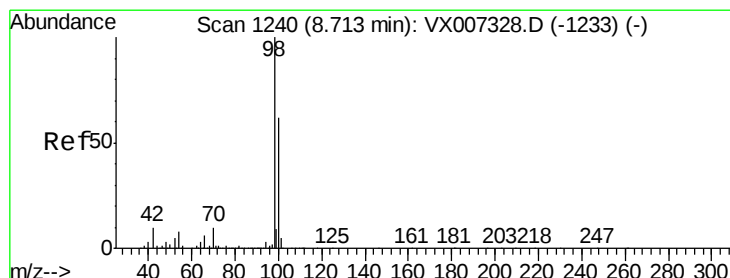
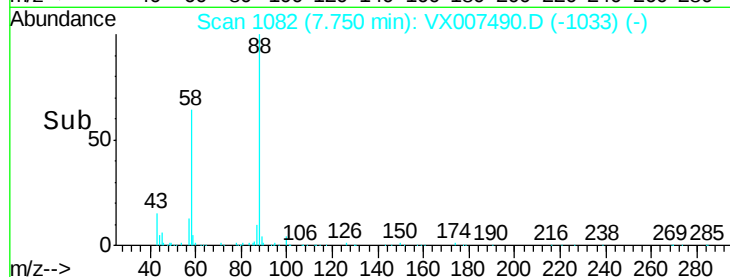
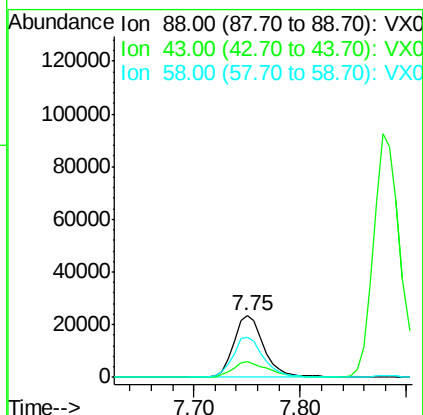
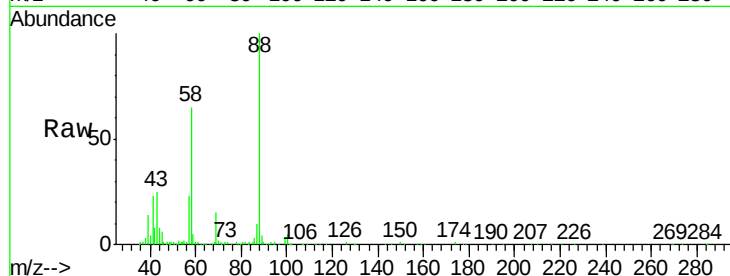




#49
 1,4-Dioxane
 Concen: 432.634 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. 0.00 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

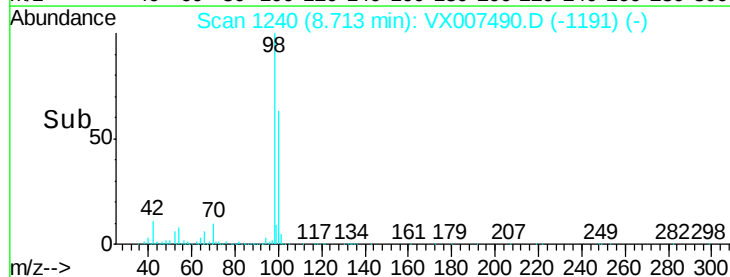
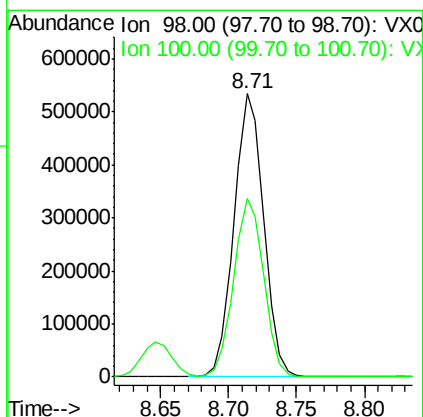
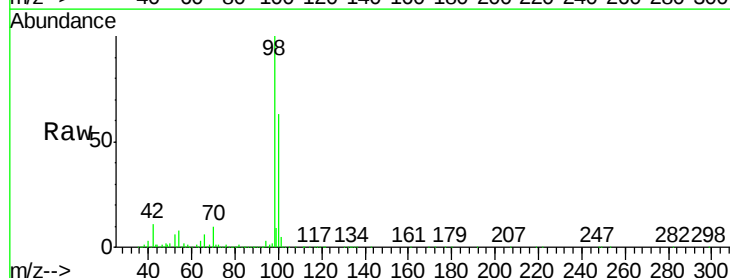
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01

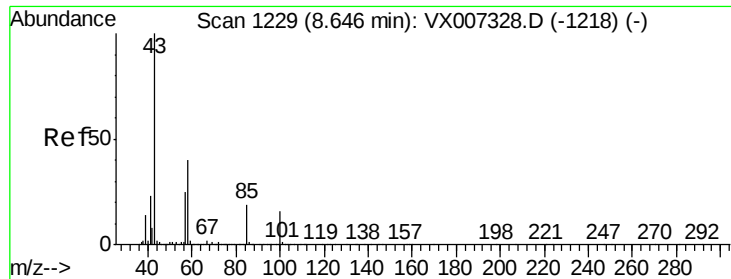
Tot Ion	88	Resp	46523
Ion	Ratio	Lower	Upper
88	100		
43	28.9	24.2	36.4
58	66.2	53.0	79.4



#50
 Toluene-d8
 Concen: 49.246 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Tgt Ion	98	Resp	810122
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 101.973 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

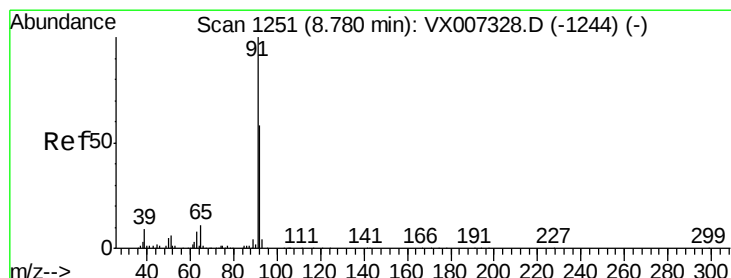
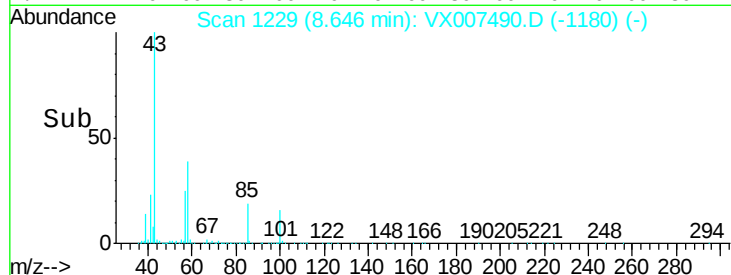
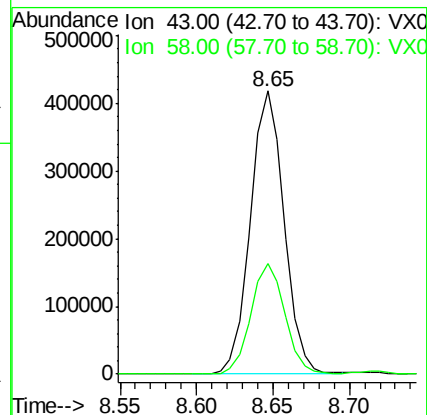
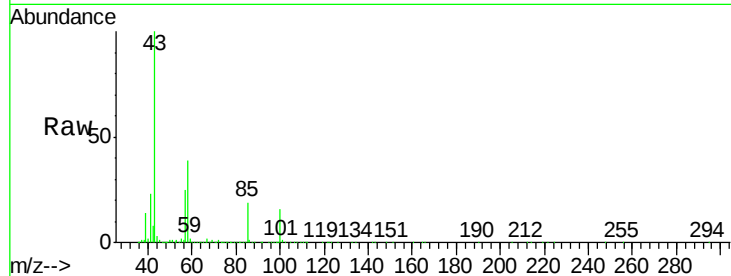
VX0212WBSD01

Tot Ion: 43 Resp: 640407

Ion Ratio Lower Upper

43 100

58 39.4 31.2 46.8



#52

Toluene

Concen: 18.577 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007490.D

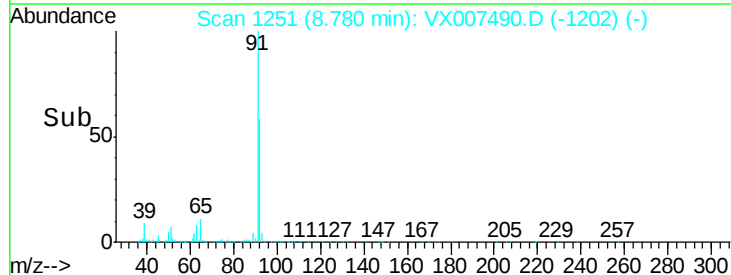
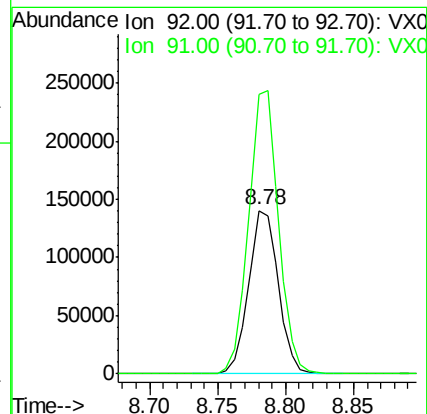
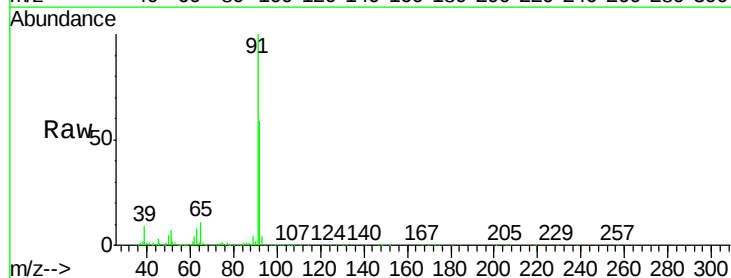
Acq: 12 Feb 2019 15:56

Tgt Ion: 92 Resp: 215871

Ion Ratio Lower Upper

92 100

91 173.8 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.482 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

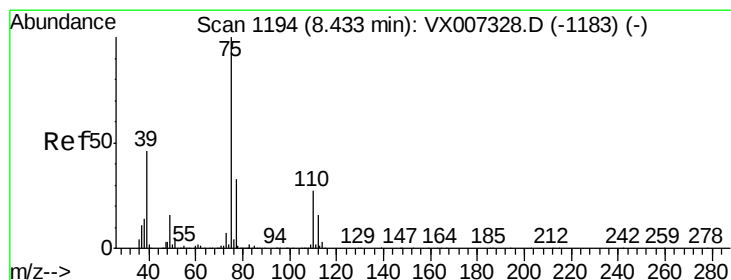
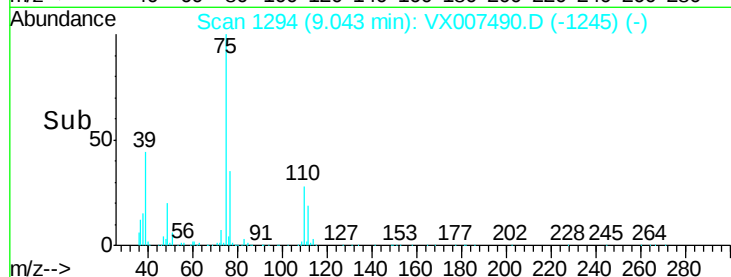
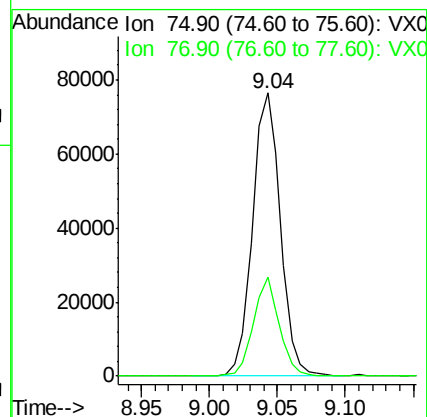
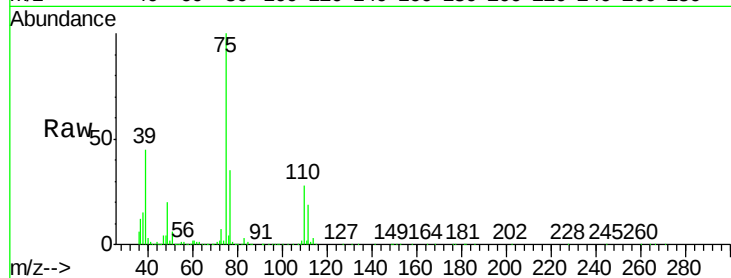
VX0212WBSD01

Tot Ion: 75 Resp: 110346

Ion Ratio Lower Upper

75 100

77 34.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.299 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

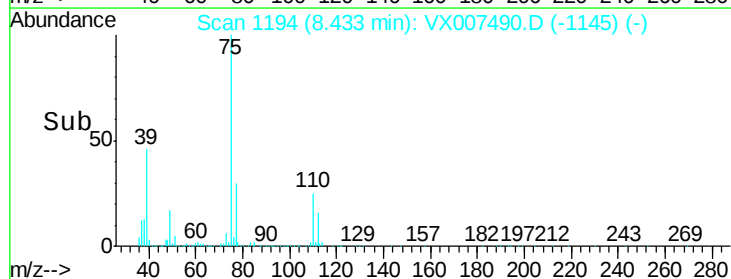
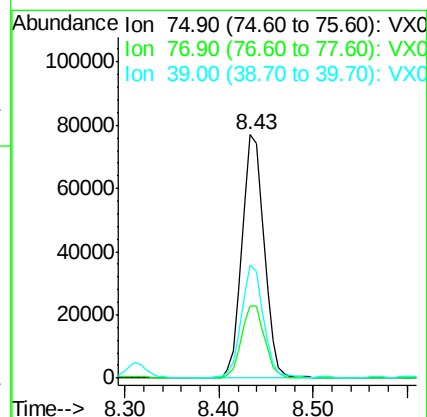
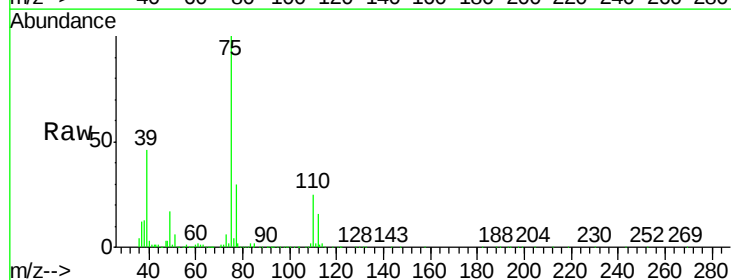
Tgt Ion: 75 Resp: 126715

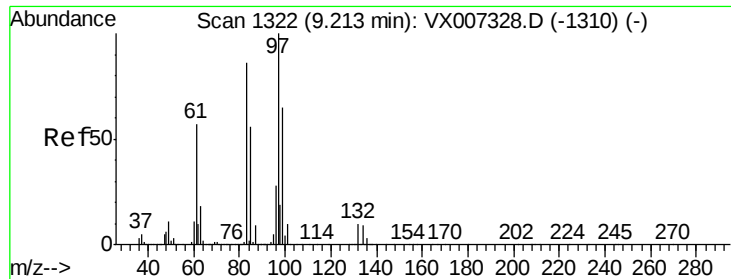
Ion Ratio Lower Upper

75 100

77 29.7 26.2 39.4

39 46.2 37.1 55.7

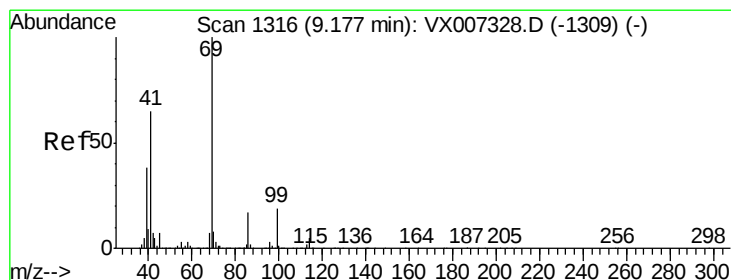
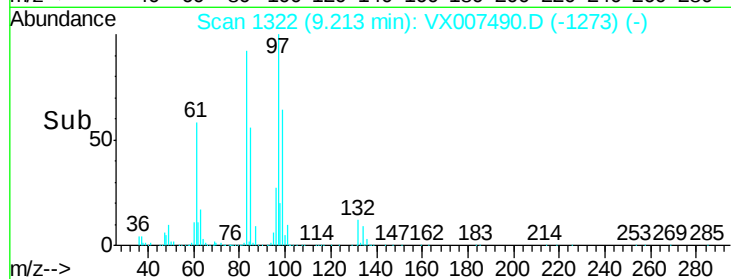
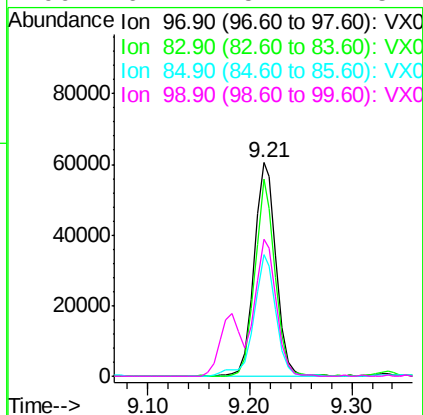
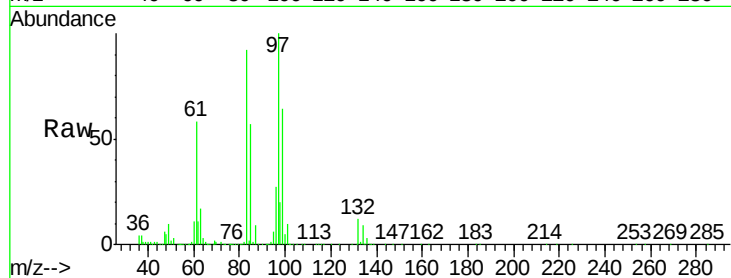




#55
 1,1,2-Trichloroethane
 Concen: 18.855 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

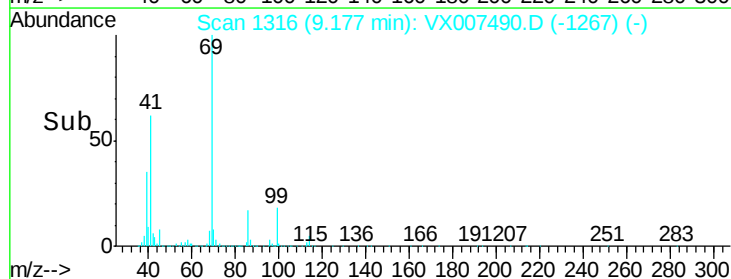
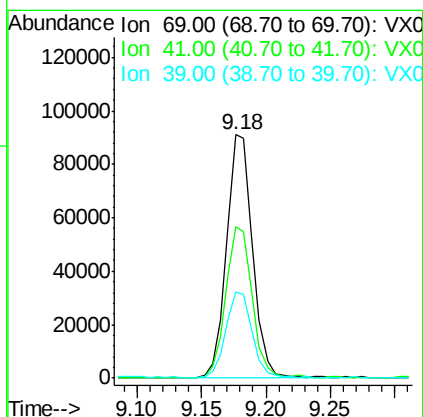
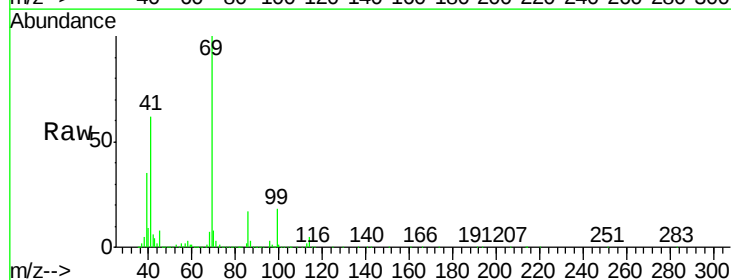
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01

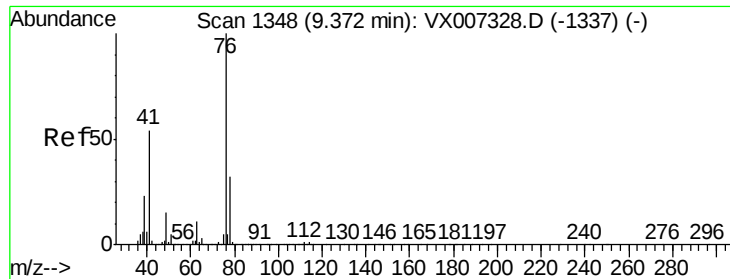
Tot Ion:	97	Resp:	91328
Ion	Ratio	Lower	Upper
97	100		
83	92.3	68.6	102.8
85	56.5	44.5	66.7
99	64.2	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 19.280 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Tgt Ion:	69	Resp:	129344
Ion	Ratio	Lower	Upper
69	100		
41	62.8	52.1	78.1
39	35.5	30.1	45.1





#57

1,3-Dichloropropane

Concen: 19.001 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

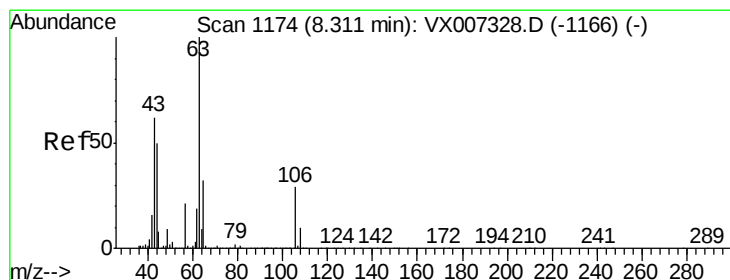
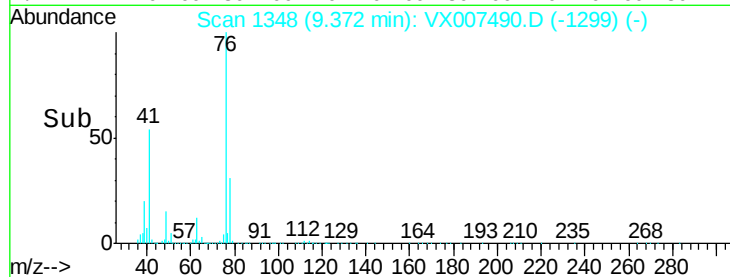
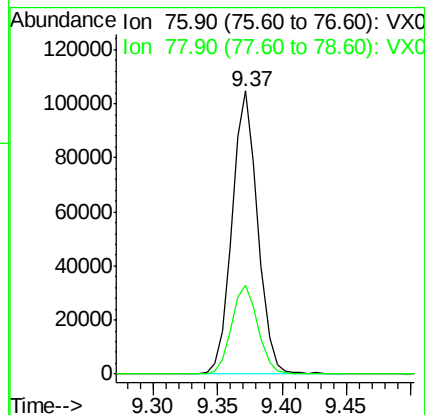
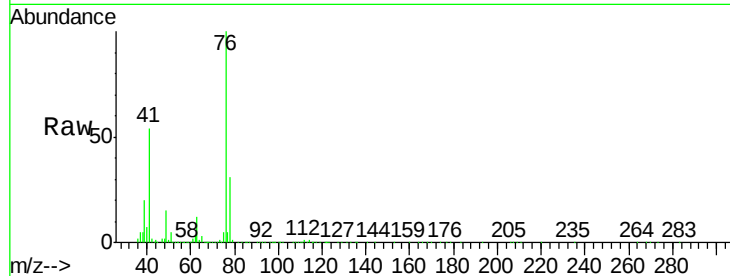
VX0212WBSD01

Tot Ion: 76 Resp: 146369

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.695 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007490.D

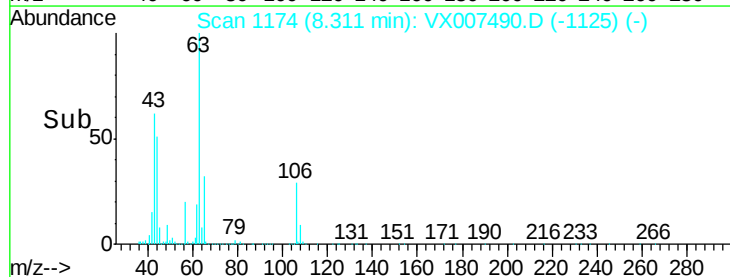
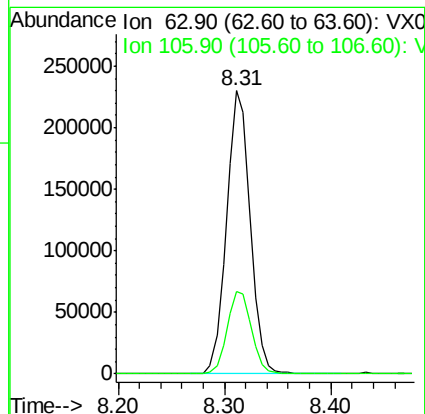
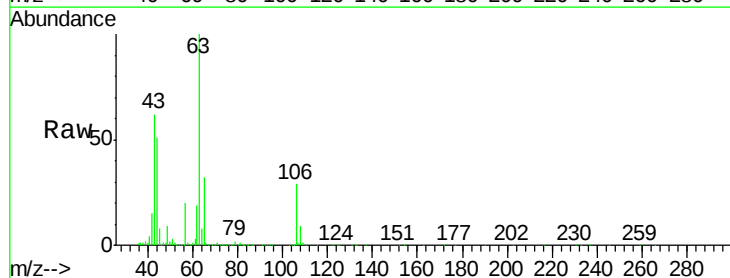
Acq: 12 Feb 2019 15:56

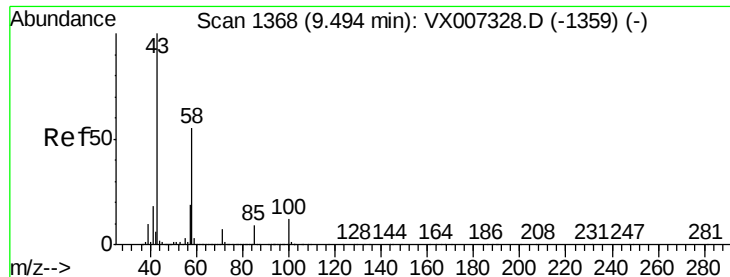
Tgt Ion: 63 Resp: 356060

Ion Ratio Lower Upper

63 100

106 30.1 23.6 35.4

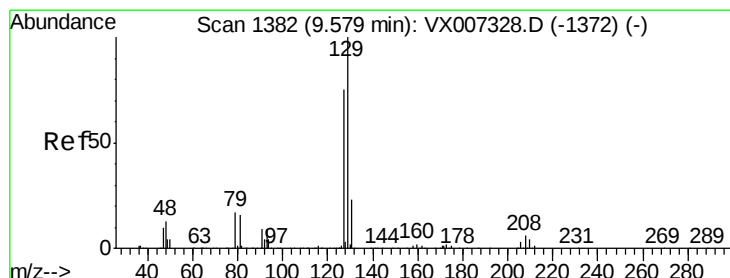
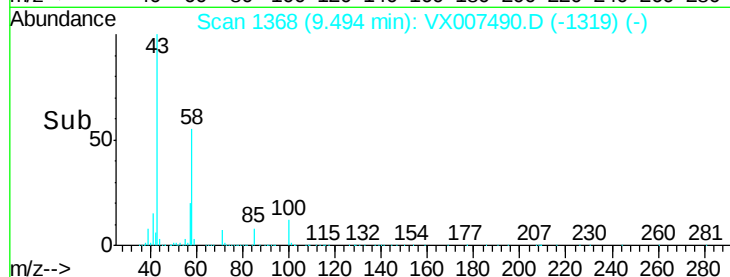
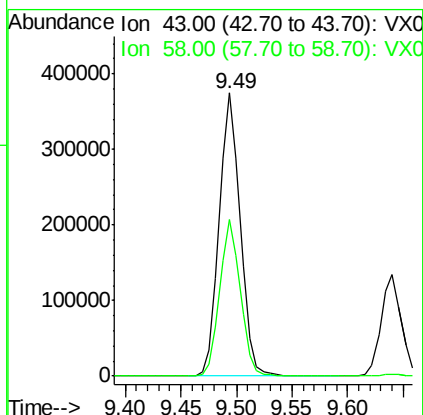
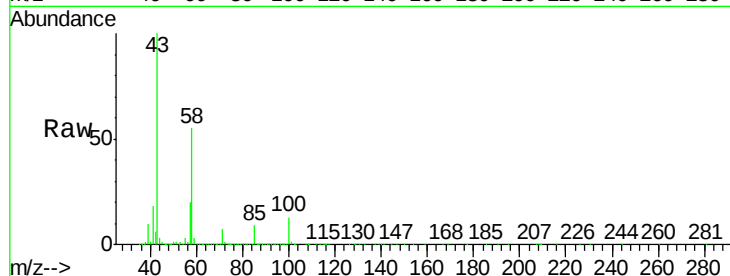




#59
2-Hexanone
Concen: 100.668 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

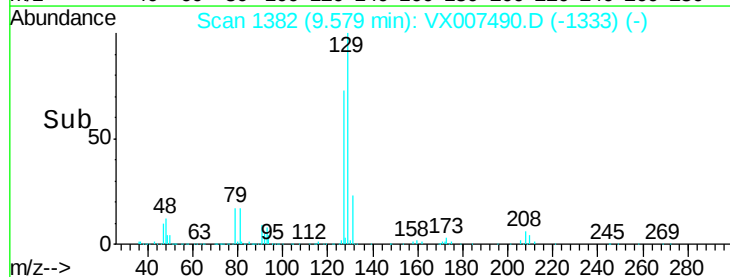
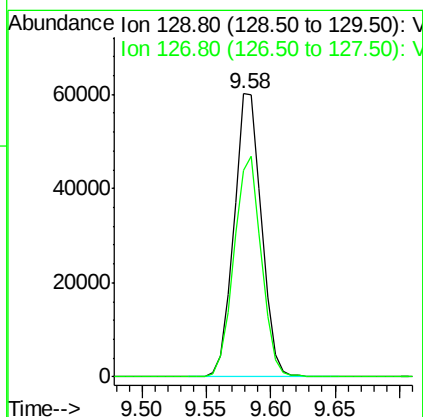
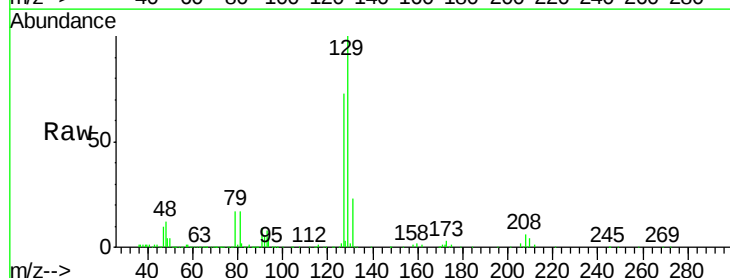
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

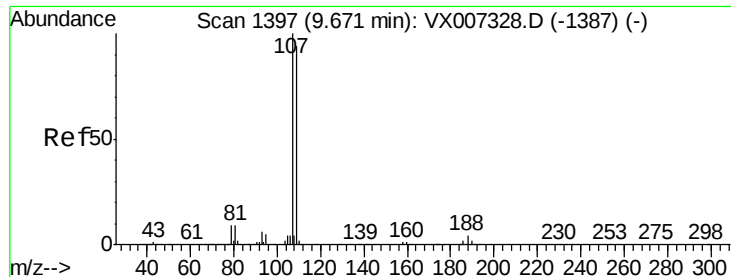
Tot Ion: 43 Resp: 491968
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3



#60
Dibromochloromethane
Concen: 19.462 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion: 129 Resp: 89157
Ion Ratio Lower Upper
129 100
127 77.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.701 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

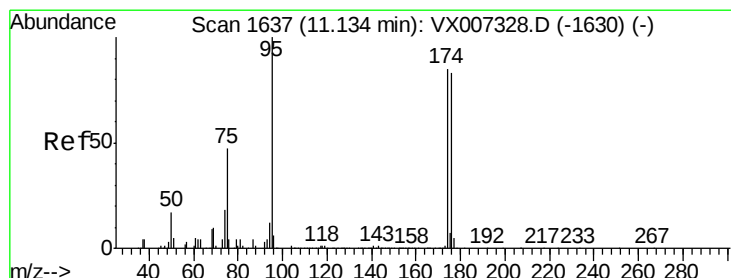
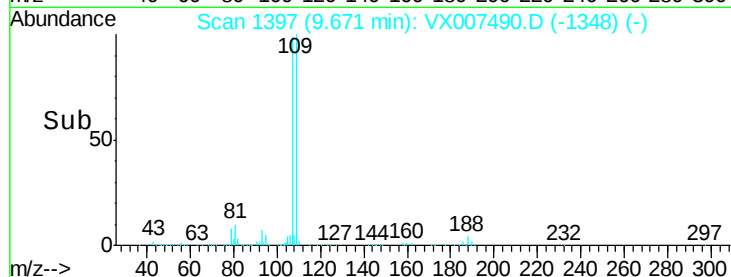
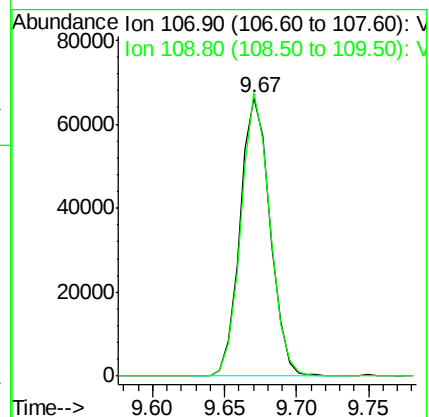
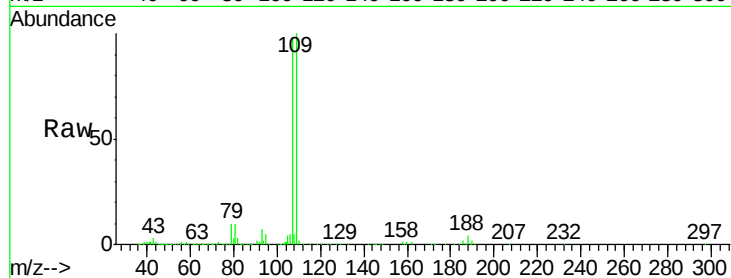
VX0212WBSD01

Tot Ion:107 Resp: 95930

Ion Ratio Lower Upper

107 100

109 98.8 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 47.533 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

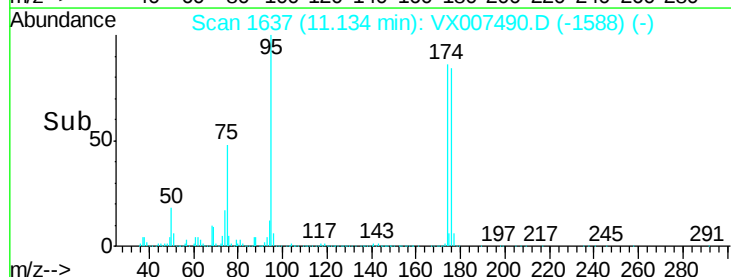
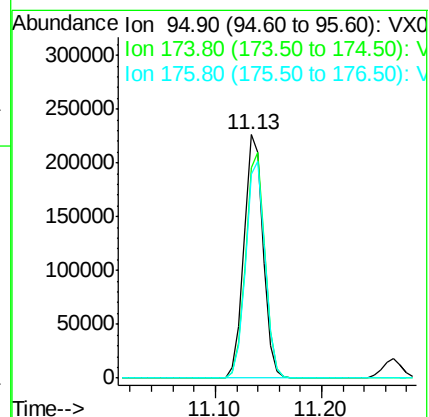
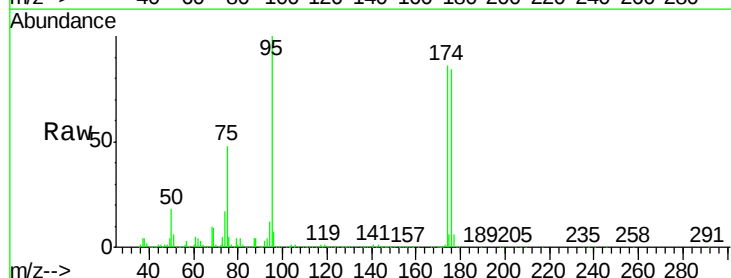
Tgt Ion: 95 Resp: 285488

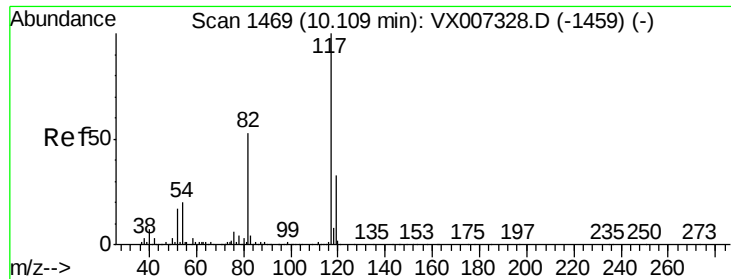
Ion Ratio Lower Upper

95 100

174 93.2 0.0 189.2

176 90.4 0.0 186.2

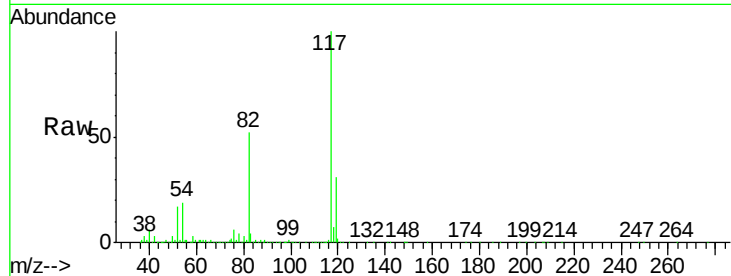




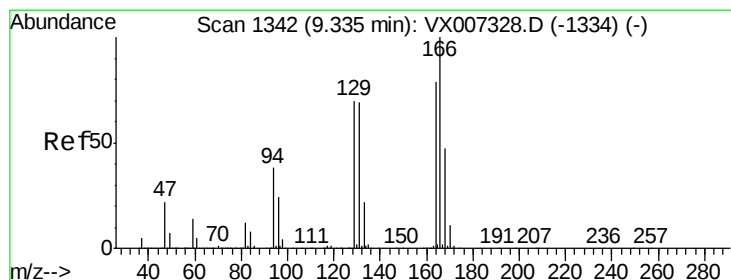
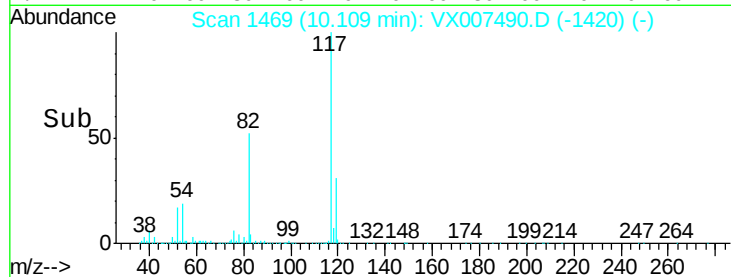
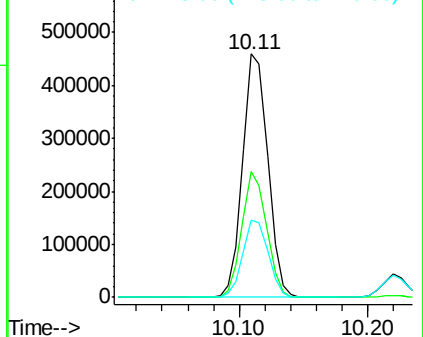
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

Tot Ion:117 Resp: 621933
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 31.5 26.5 39.7

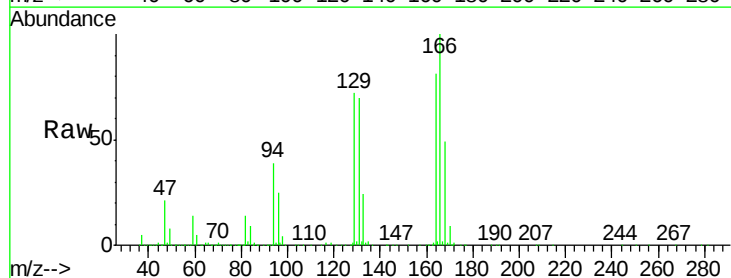


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

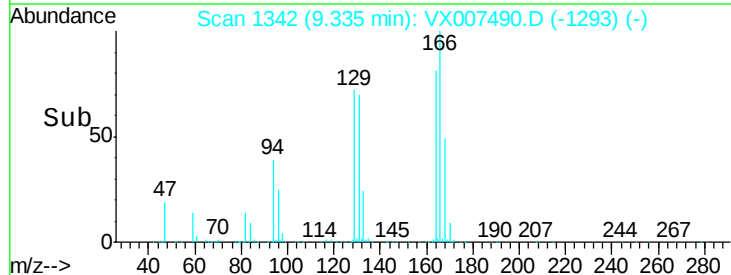
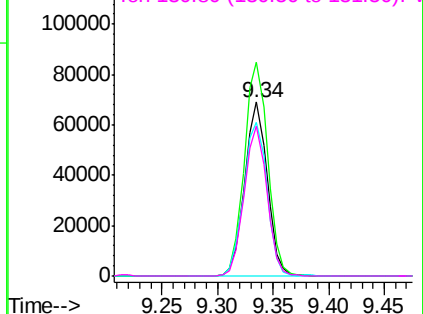


#64
Tetrachloroethene
Concen: 16.651 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion:164 Resp: 97609
Ion Ratio Lower Upper
164 100
166 123.0 101.0 151.4
129 88.4 70.5 105.7
131 86.3 69.8 104.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.180 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

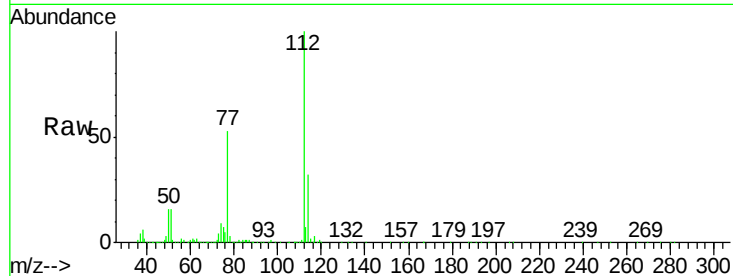
VX0212WBSD01

Tot Ion:112 Resp: 246740

Ion Ratio Lower Upper

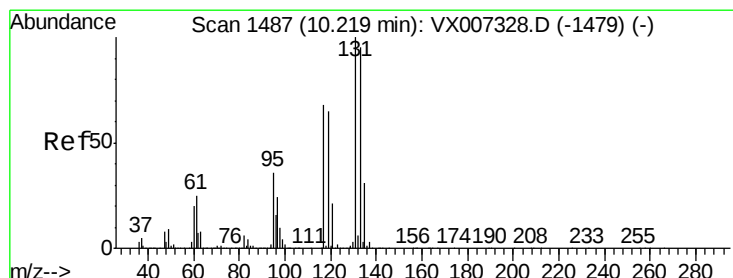
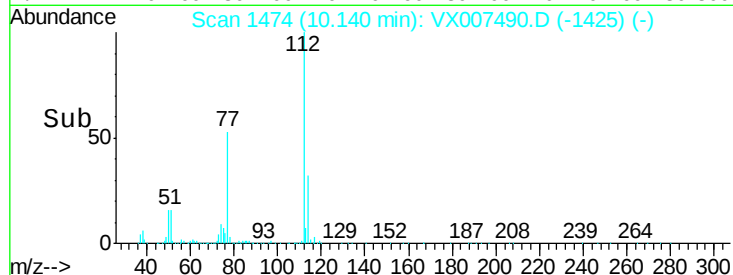
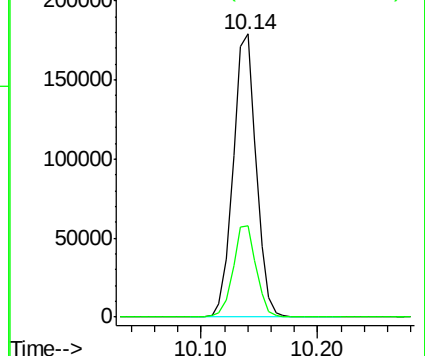
112 100

114 32.3 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.872 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

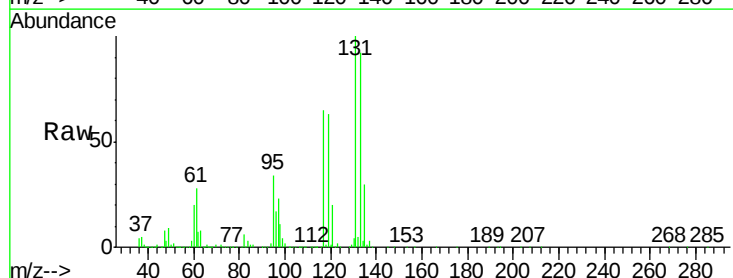
Tgt Ion:131 Resp: 90423

Ion Ratio Lower Upper

131 100

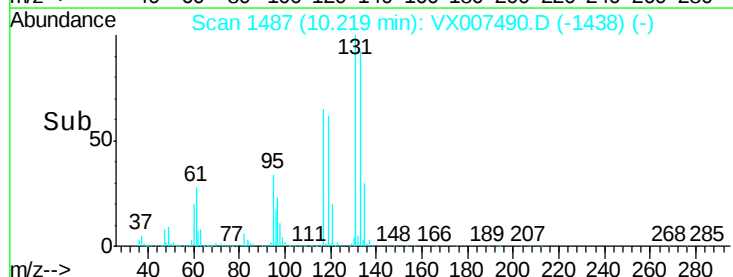
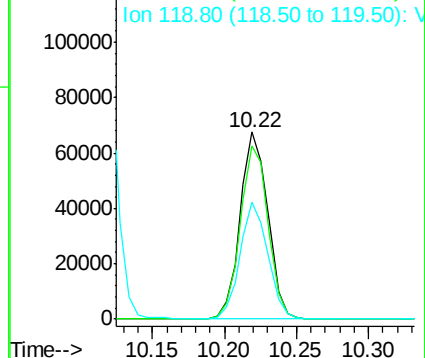
133 92.9 48.0 144.2

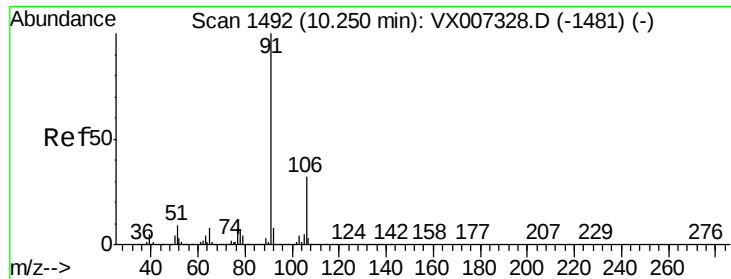
119 63.2 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

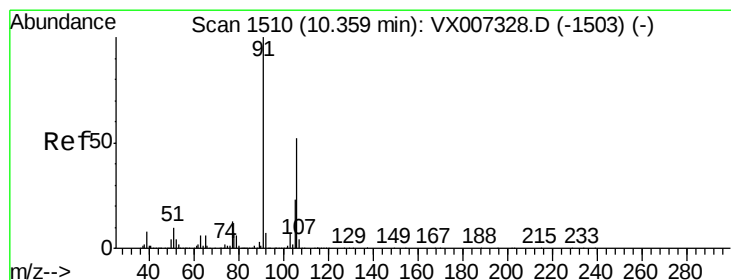
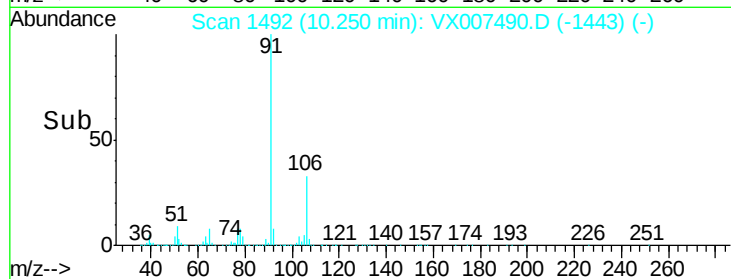
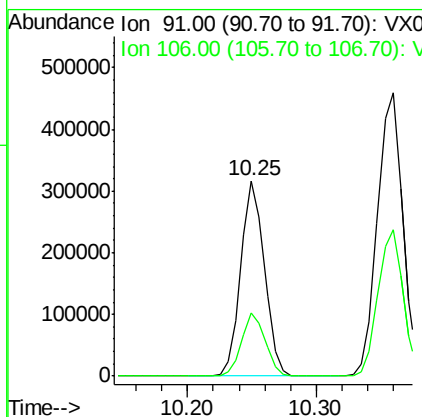
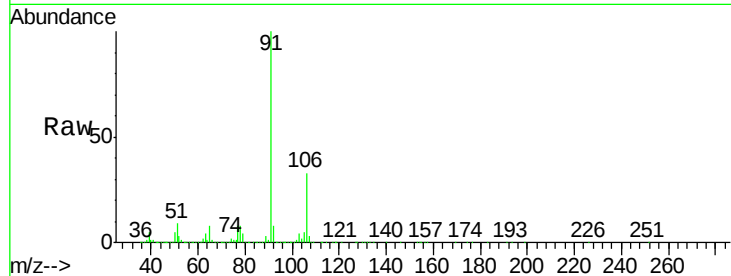




#67
Ethyl Benzene
Concen: 18.504 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

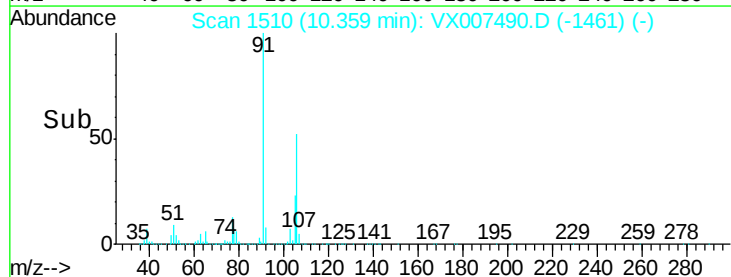
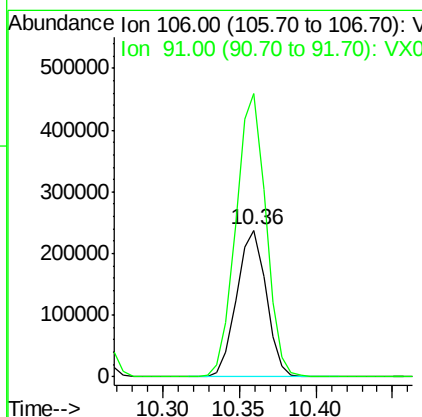
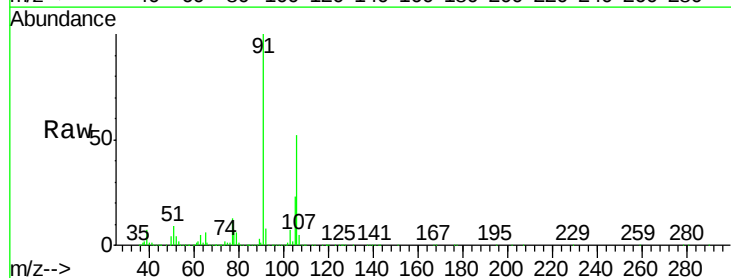
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

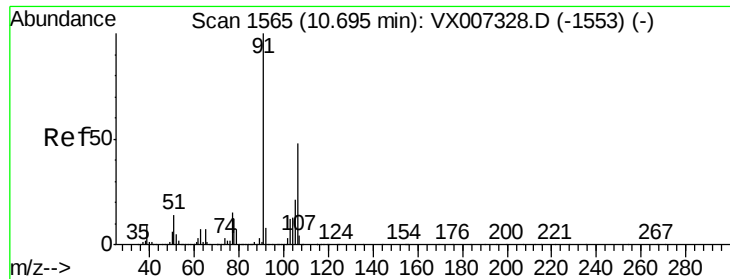
Tot Ion: 91 Resp: 404426
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.0



#68
m/p-Xylenes
Concen: 36.580 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion: 106 Resp: 317805
Ion Ratio Lower Upper
106 100
91 195.3 156.6 234.8

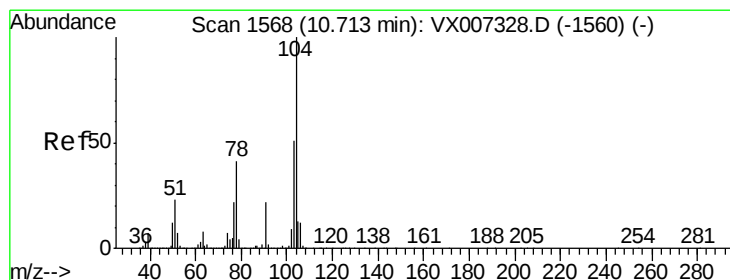
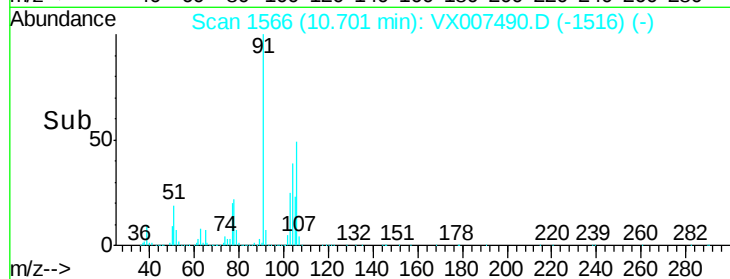
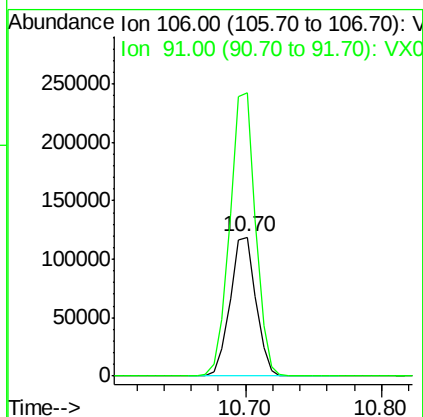
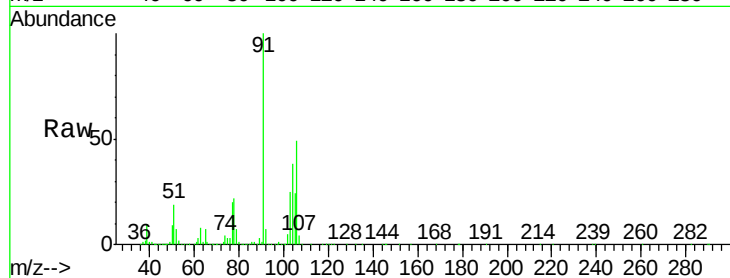




#69
o-Xylene
Concen: 18.818 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

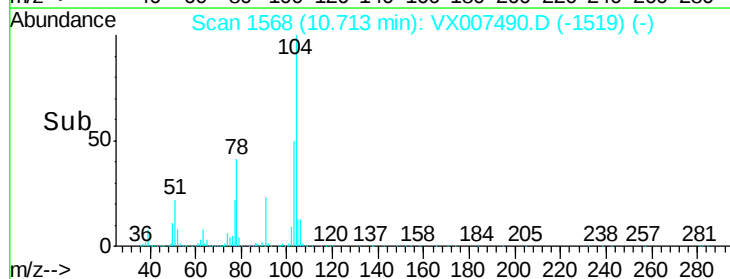
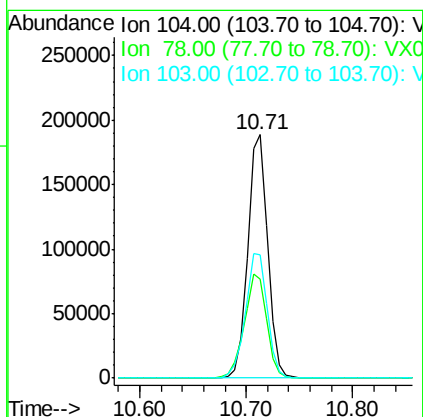
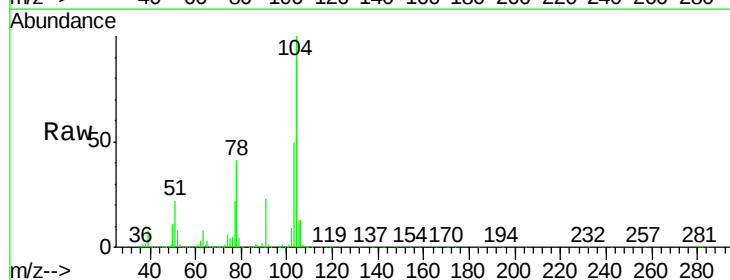
Instrument :
MSVOA_X
ClientSampled :
VX0212WBSD01

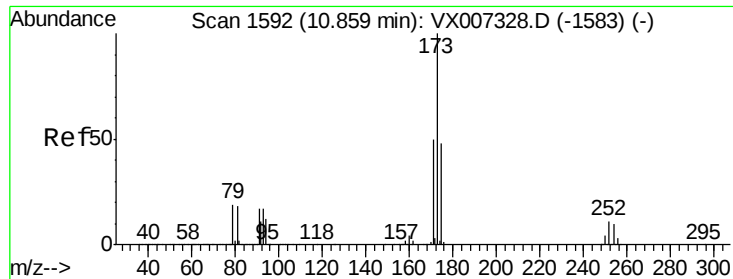
Tot Ion:106 Resp: 157314
Ion Ratio Lower Upper
106 100
91 202.3 102.9 308.7



#70
Styrene
Concen: 18.329 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion:104 Resp: 248497
Ion Ratio Lower Upper
104 100
78 47.7 38.3 57.5
103 56.5 44.6 67.0





#71

Bromoform

Concen: 19.395 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

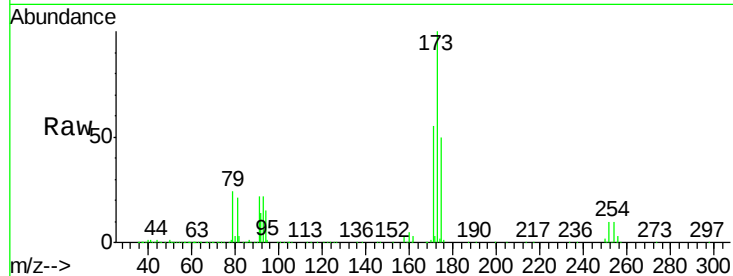
Tot Ion:173 Resp: 66698

Ion Ratio Lower Upper

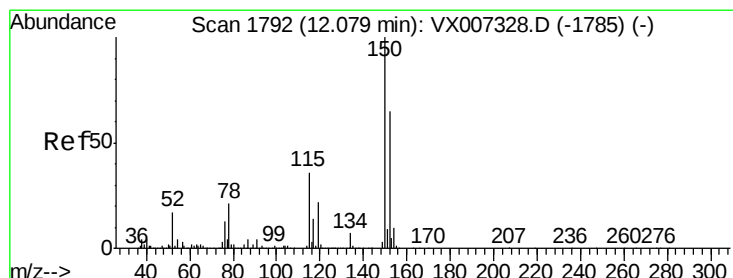
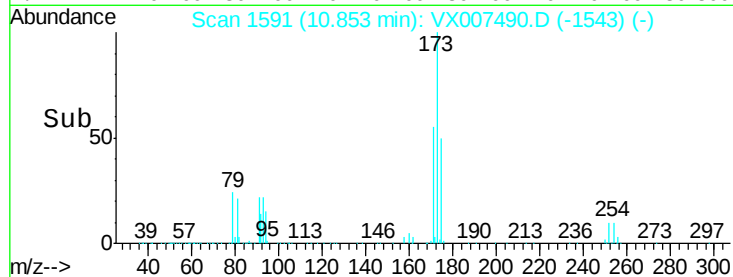
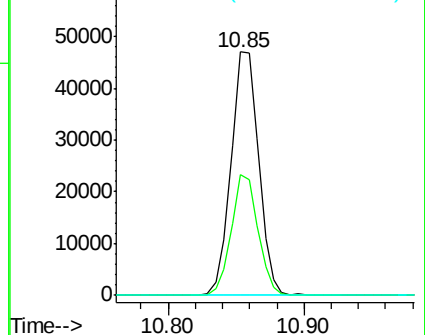
173 100

175 47.7 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: VX007490.D

Acq: 12 Feb 2019 15:56

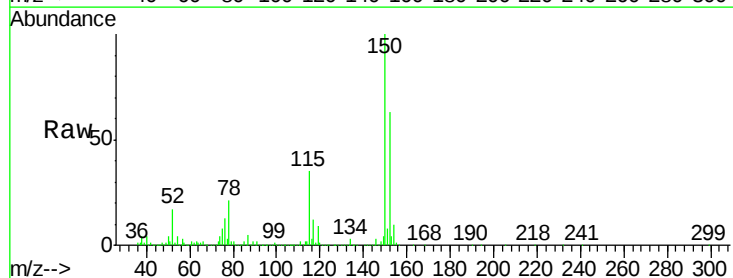
Tgt Ion:152 Resp: 310622

Ion Ratio Lower Upper

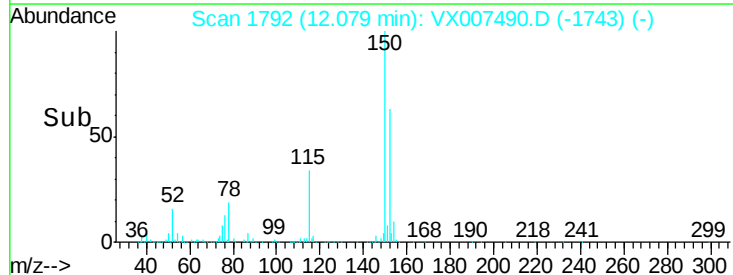
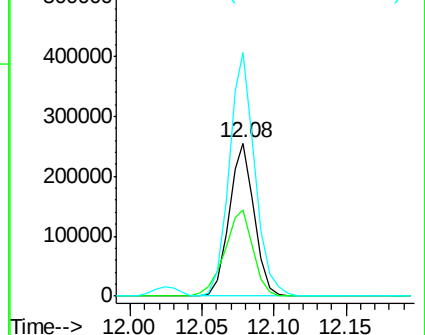
152 100

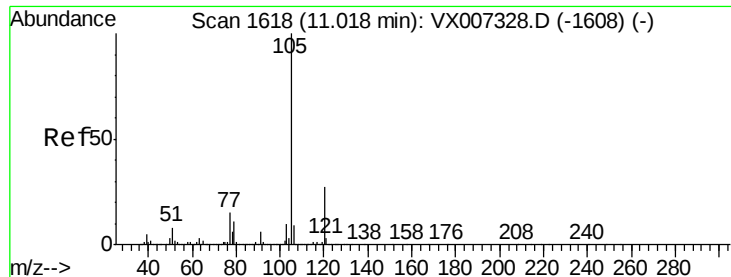
115 63.5 38.0 114.0

150 163.6 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: 19.442 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

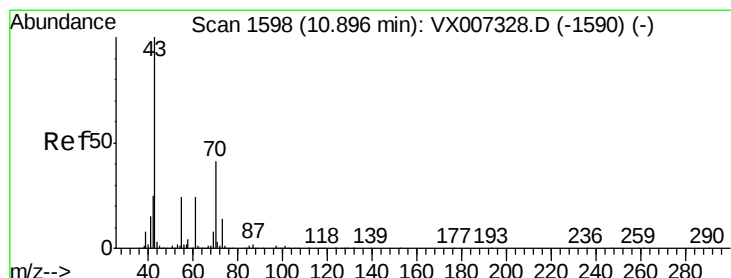
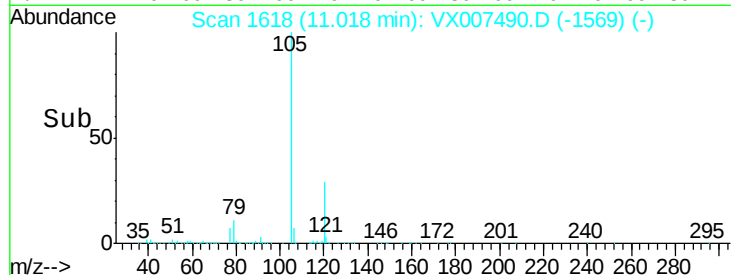
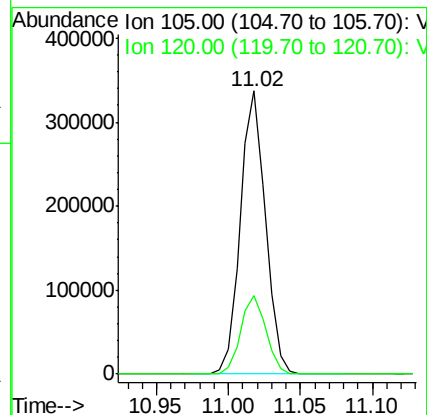
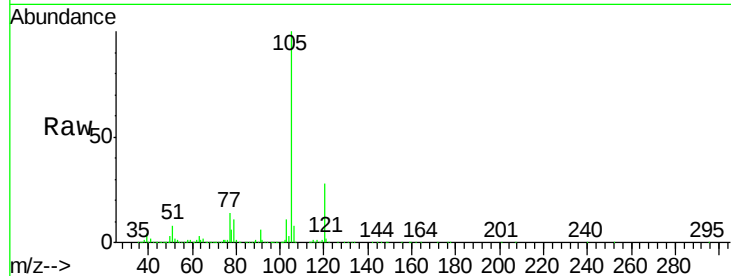
VX0212WBSD01

Tot Ion:105 Resp: 410391

Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7



#74

N-ethyl acetate

Concen: 20.256 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Tgt Ion: 43 Resp: 165381

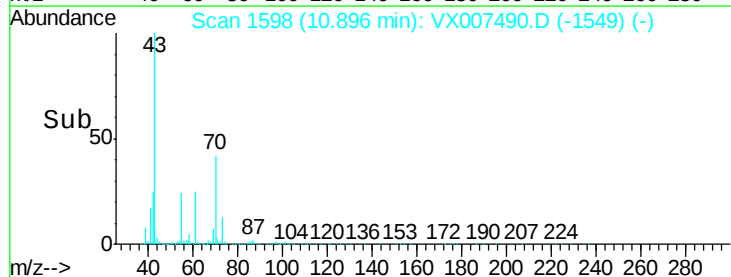
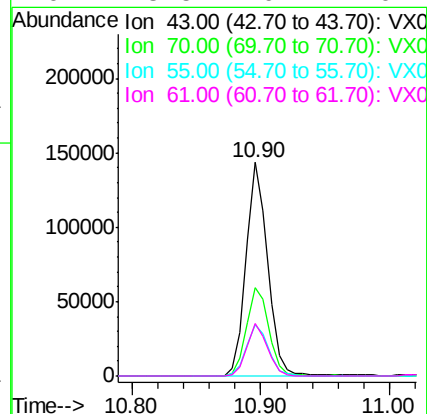
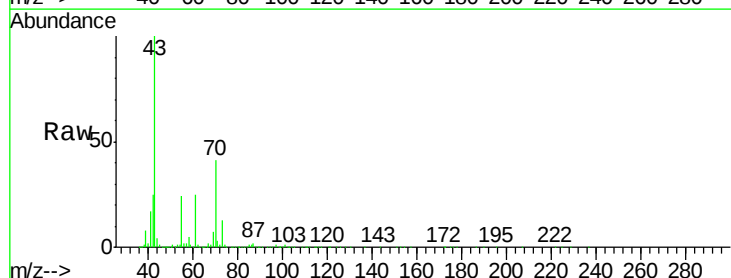
Ion Ratio Lower Upper

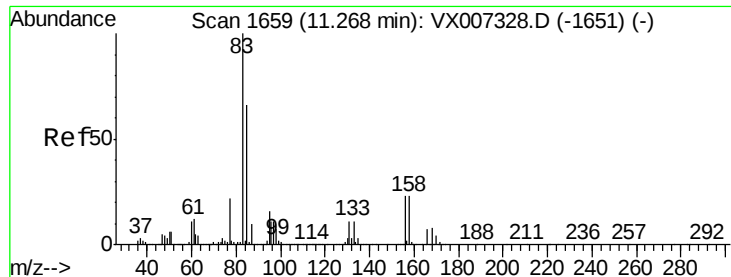
43 100

70 42.3 33.8 50.6

55 24.7 19.5 29.3

61 23.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.694 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

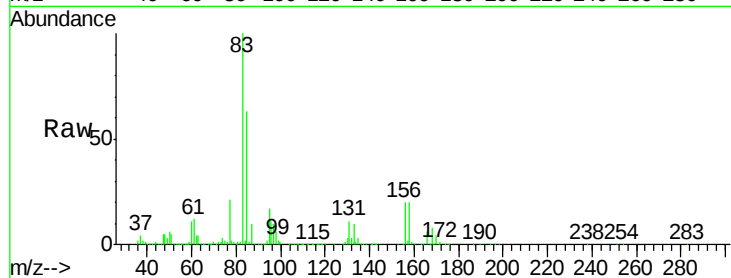
Tot Ion: 83 Resp: 139556

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

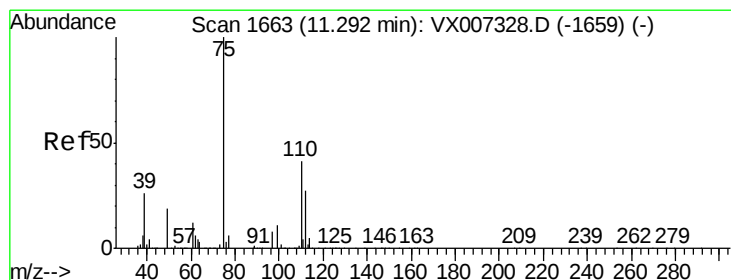
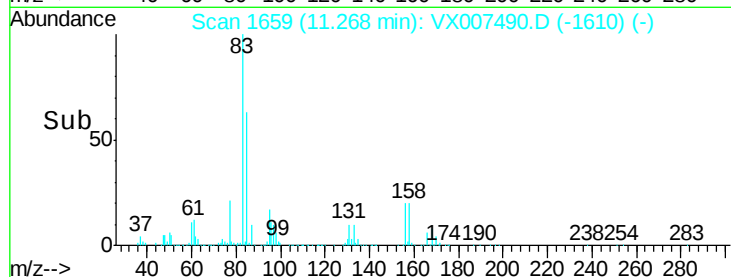
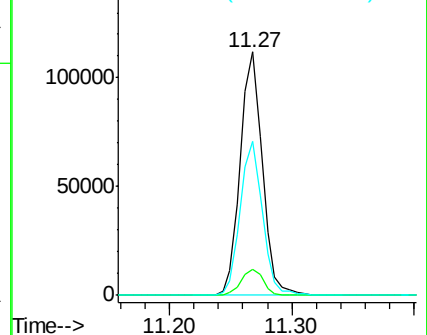
85 64.0 32.8 98.3



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: 24.712 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007490.D

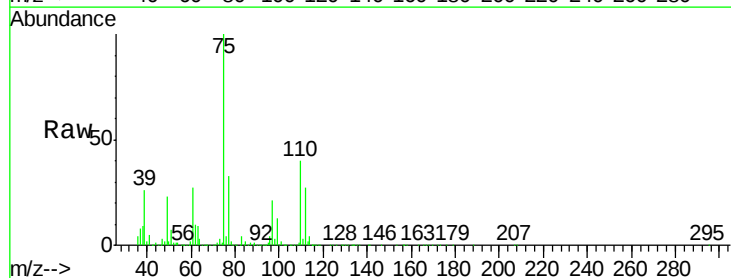
Acq: 12 Feb 2019 15:56

Tgt Ion: 75 Resp: 149309

Ion Ratio Lower Upper

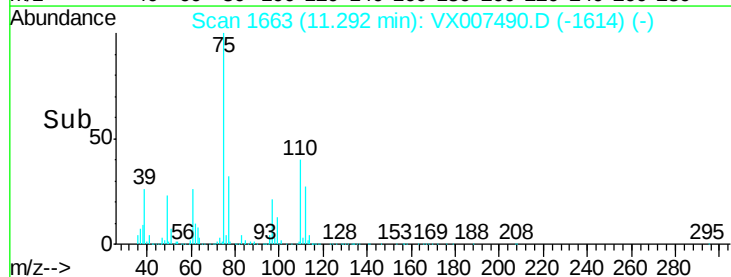
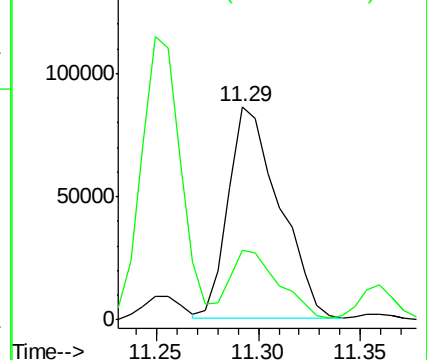
75 100

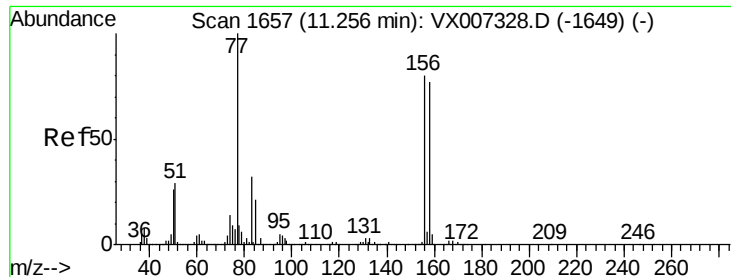
77 32.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.060 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

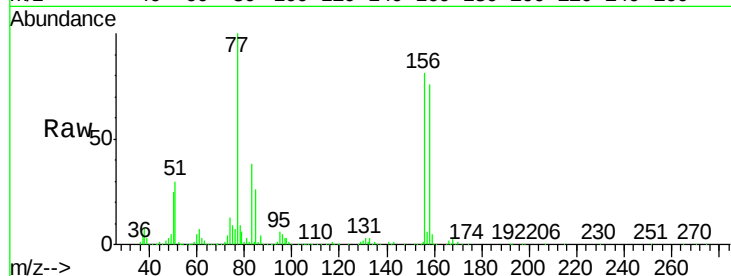
Tot Ion:156 Resp: 113359

Ion Ratio Lower Upper

156 100

77 134.4 66.8 200.6

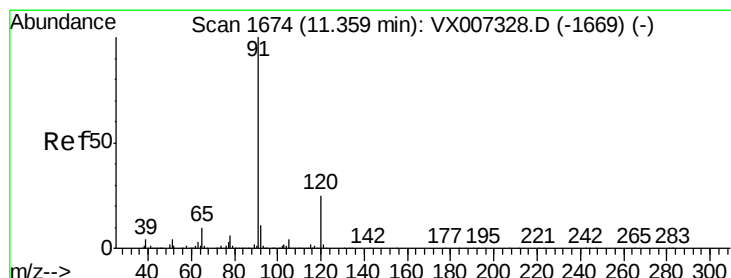
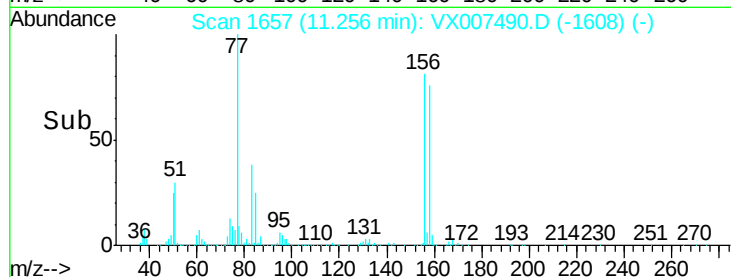
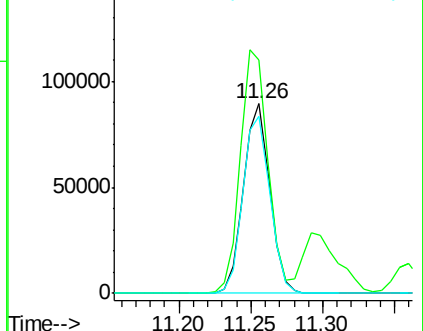
158 96.2 47.9 143.8



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: 19.632 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007490.D

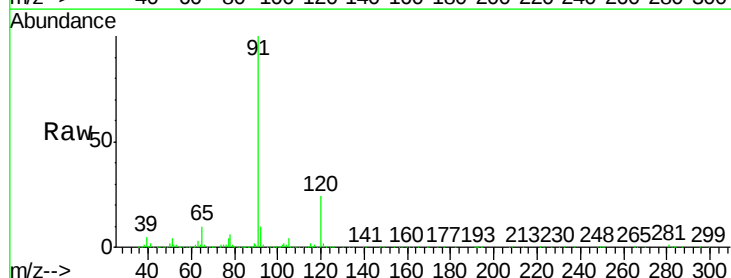
Acq: 12 Feb 2019 15:56

Tgt Ion: 91 Resp: 454423

Ion Ratio Lower Upper

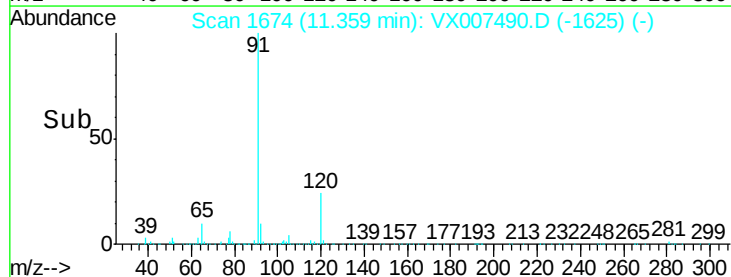
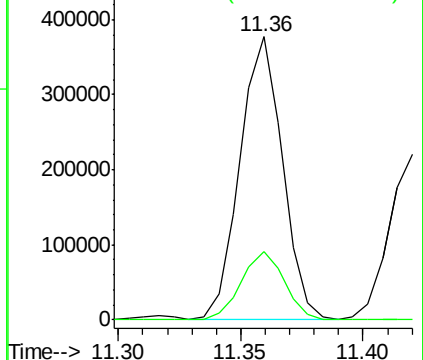
91 100

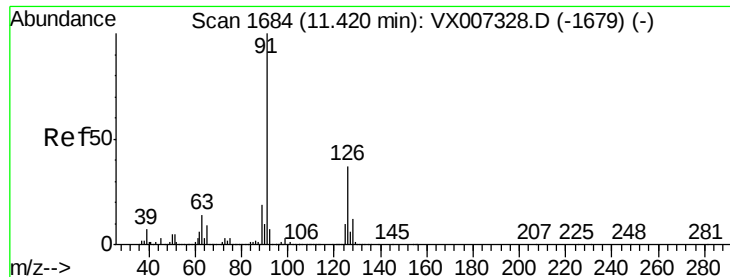
120 24.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

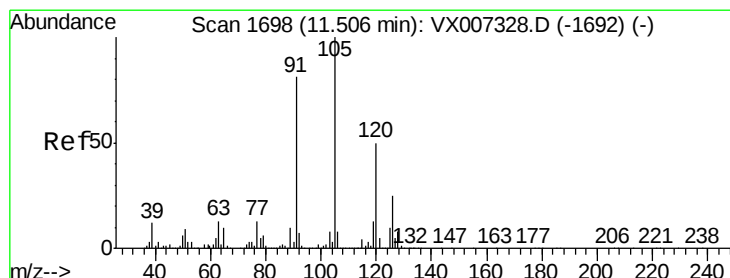
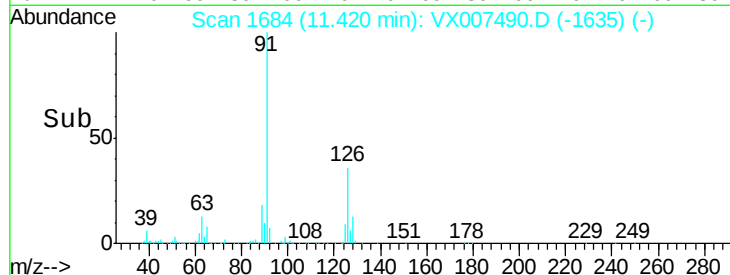
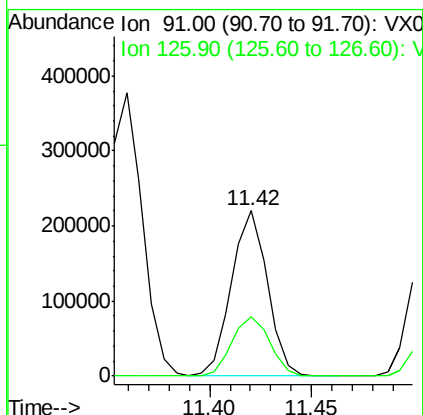
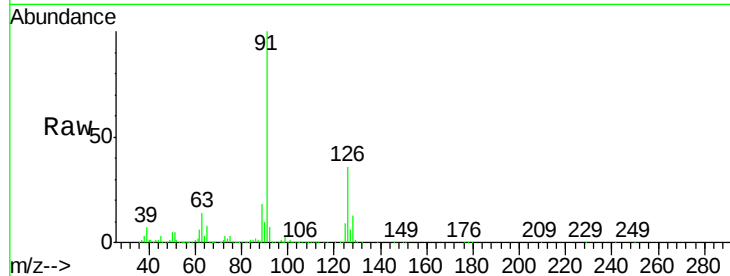




#79
 2-Chlorotoluene
 Concen: 19.065 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

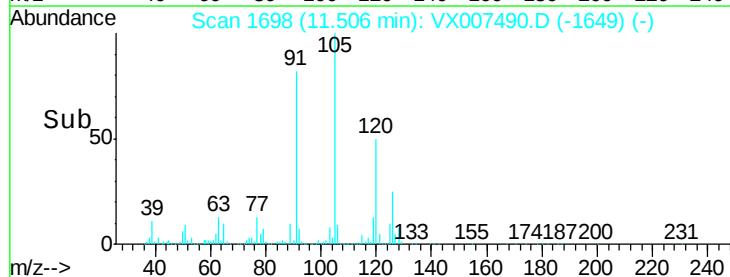
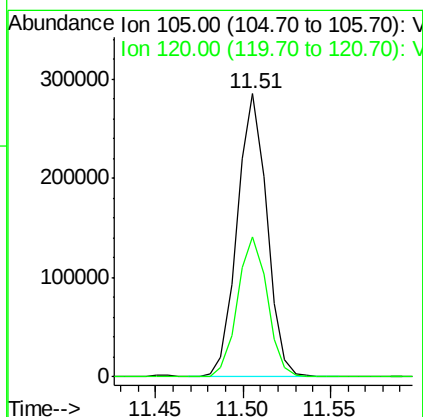
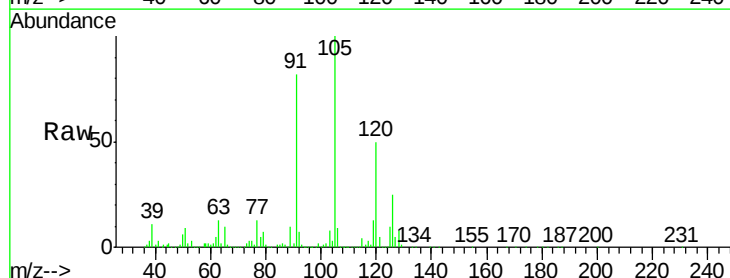
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01

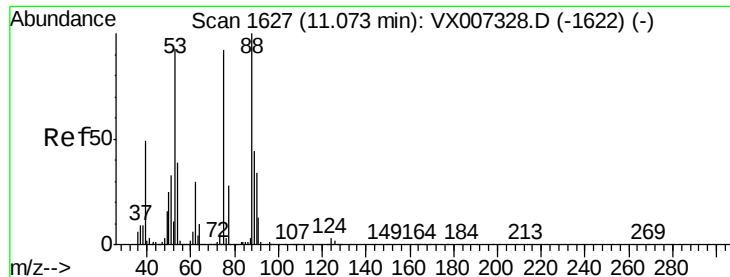
Tot Ion: 91 Resp: 267773
 Ion Ratio Lower Upper
 91 100
 126 37.9 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.442 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Tgt Ion: 105 Resp: 335748
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.327 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

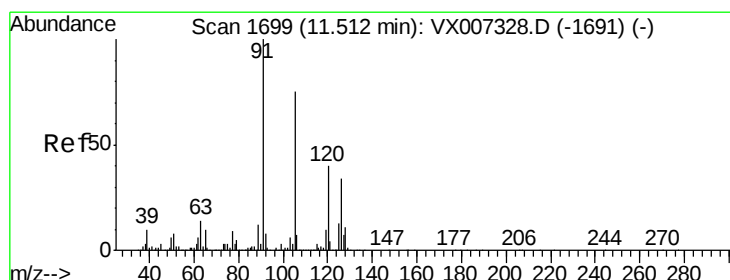
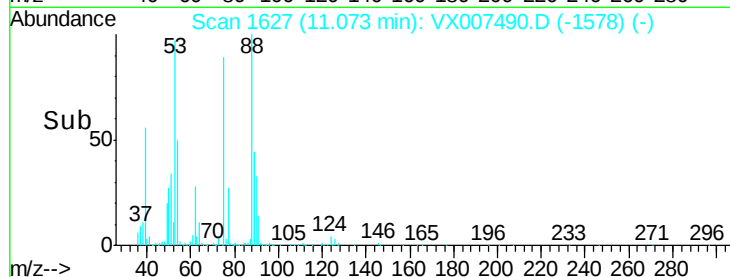
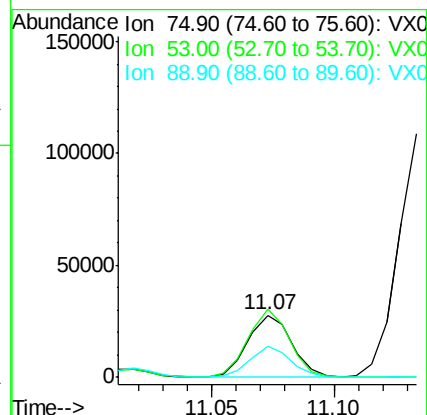
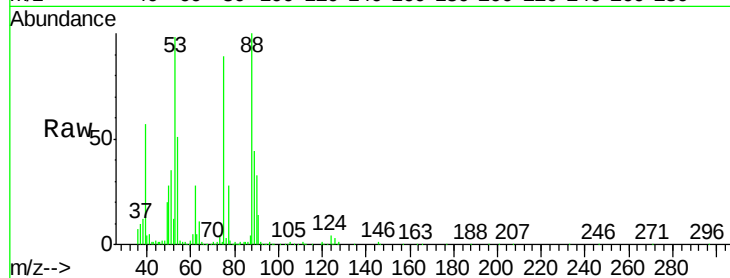
Tot Ion: 75 Resp: 34376

Ion Ratio Lower Upper

75 100

53 105.7 81.0 121.6

89 47.3 41.4 62.0



#82

4-Chlorotoluene

Concen: 19.176 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007490.D

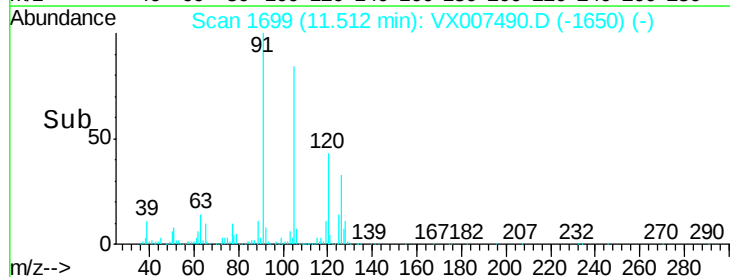
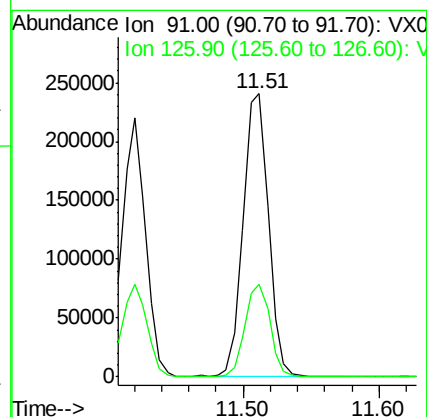
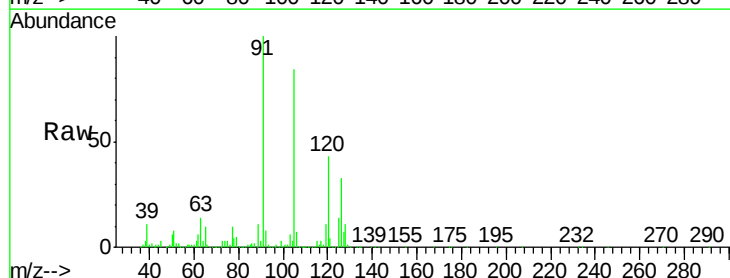
Acq: 12 Feb 2019 15:56

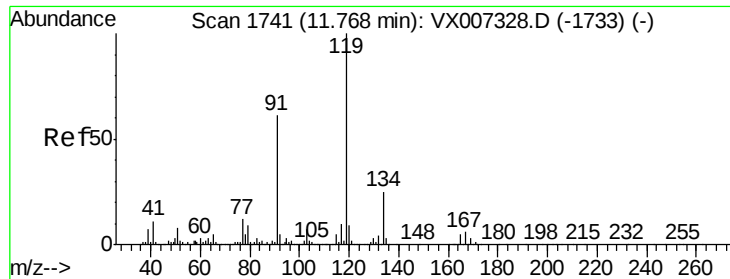
Tgt Ion: 91 Resp: 311645

Ion Ratio Lower Upper

91 100

126 32.7 16.2 48.5

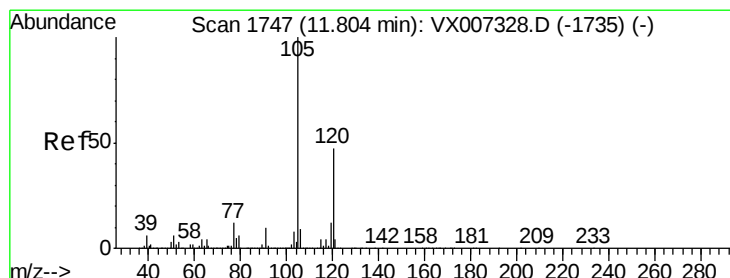
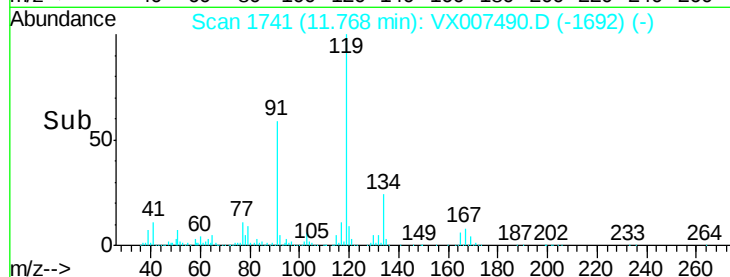
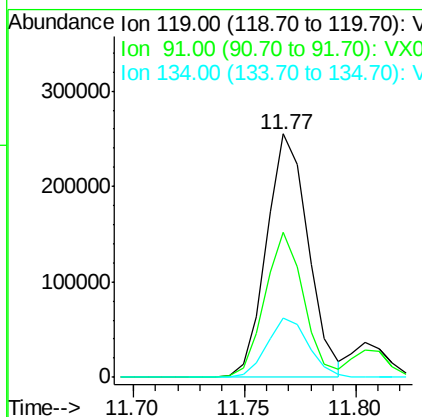
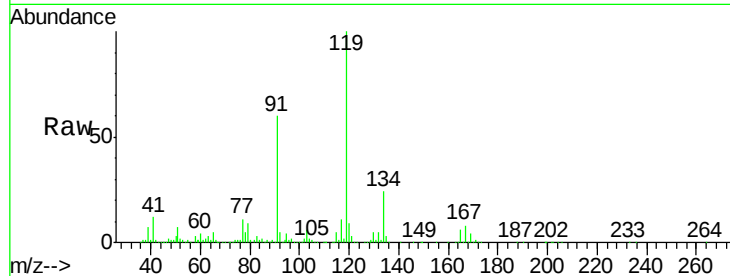




#83
tert-Butylbenzene
Concen: 19.357 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

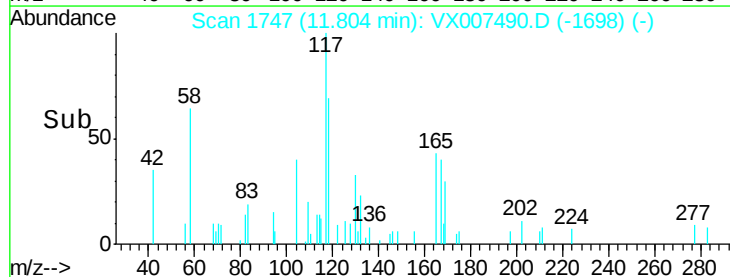
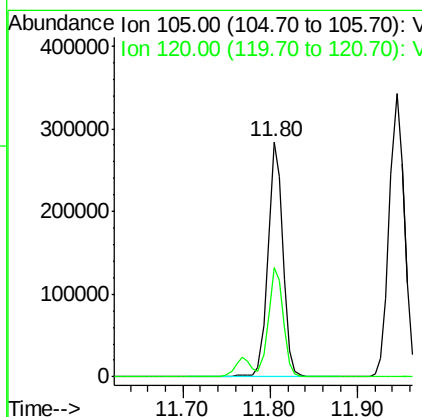
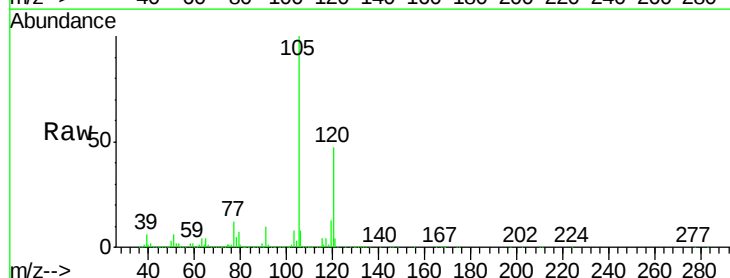
Instrument :
MSVOA_X
ClientSampled :
VX0212WBSD01

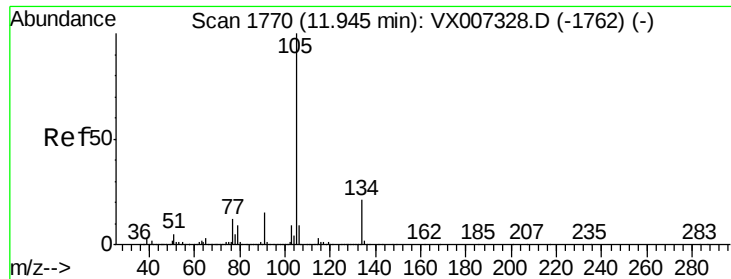
Tot Ion:119 Resp: 330963
Ion Ratio Lower Upper
119 100
91 56.1 28.5 85.6
134 24.2 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 19.662 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion:105 Resp: 344720
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.660 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

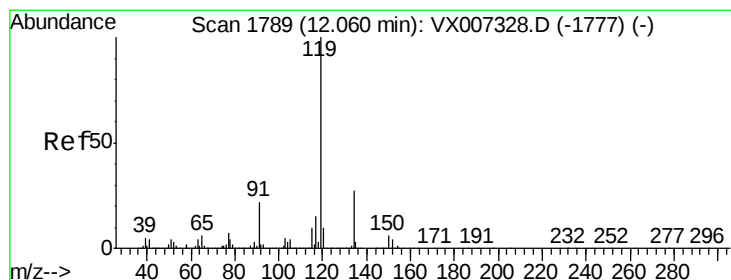
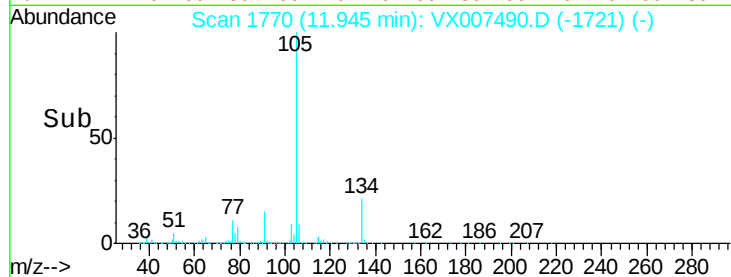
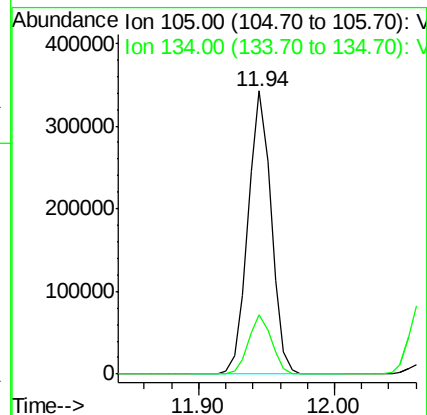
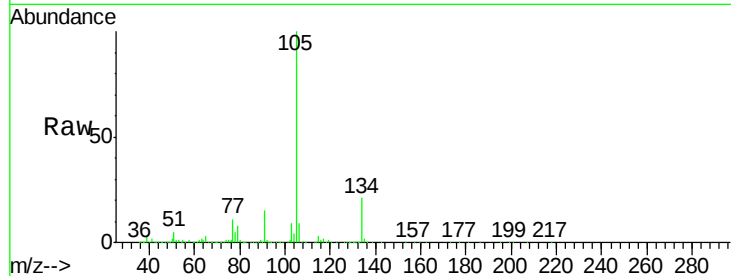
VX0212WBSD01

Tot Ion:105 Resp: 406833

Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.302 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

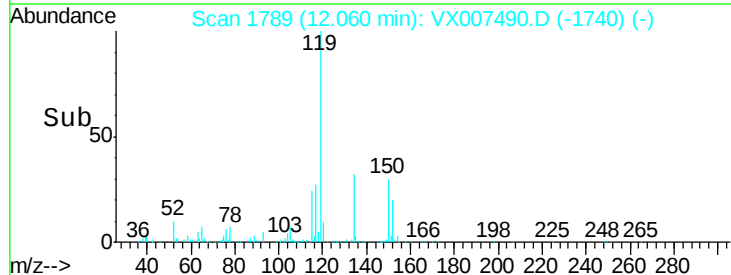
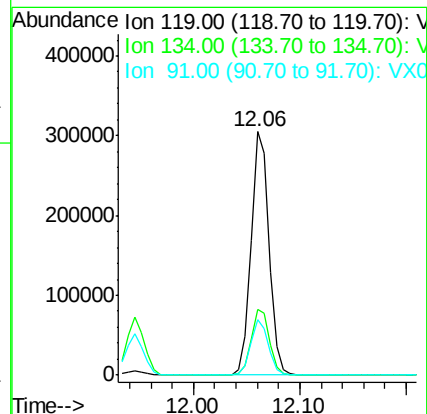
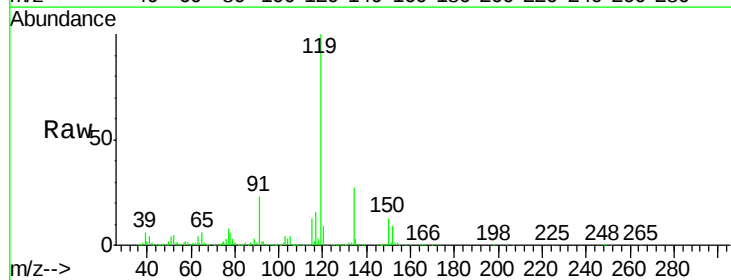
Tgt Ion:119 Resp: 360561

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.1

91 22.3 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 18.282 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

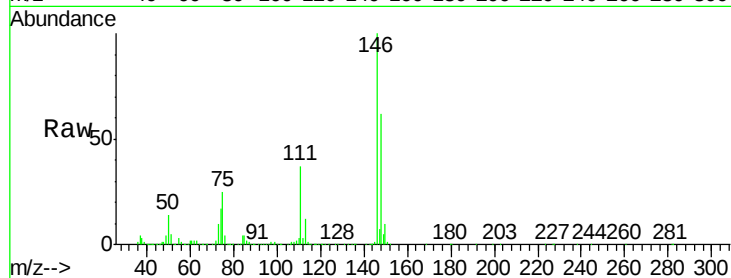
Tot Ion:146 Resp: 195130

Ion Ratio Lower Upper

146 100

111 37.5 18.1 54.1

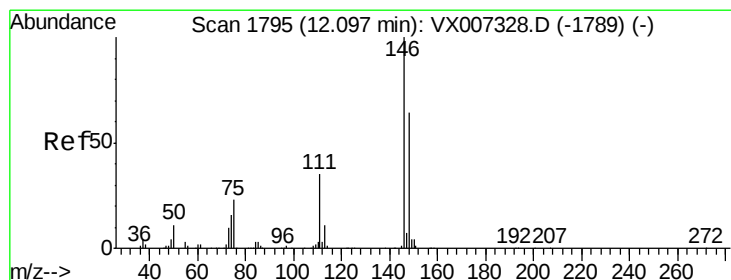
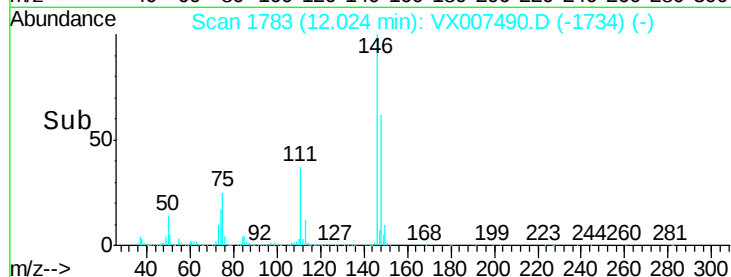
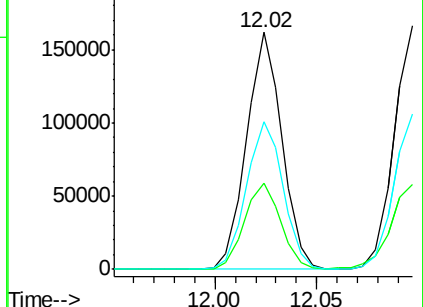
148 64.7 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.099 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

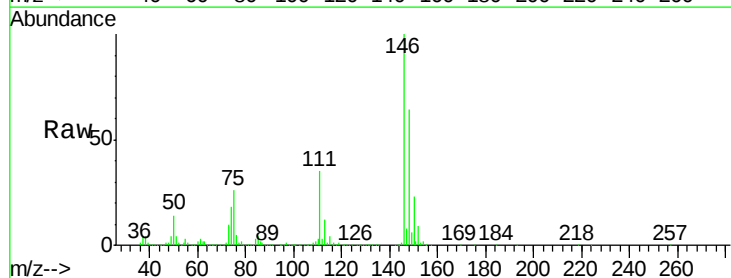
Tgt Ion:146 Resp: 195996

Ion Ratio Lower Upper

146 100

111 38.0 18.1 54.1

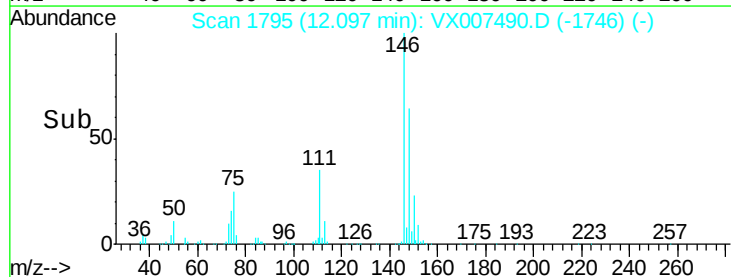
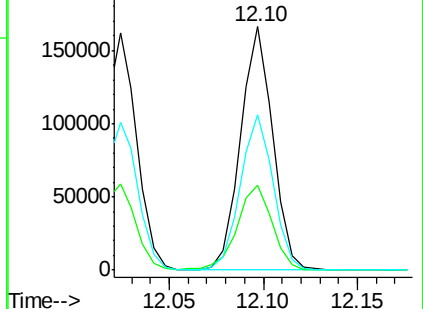
148 65.2 32.3 96.9

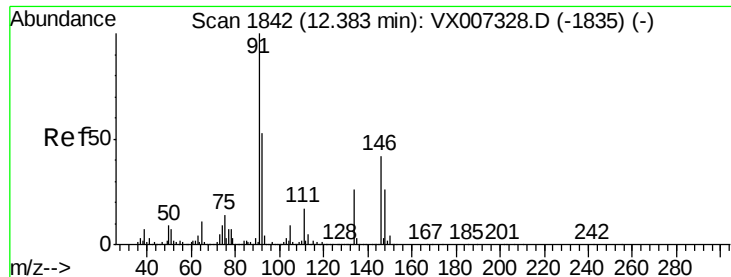


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

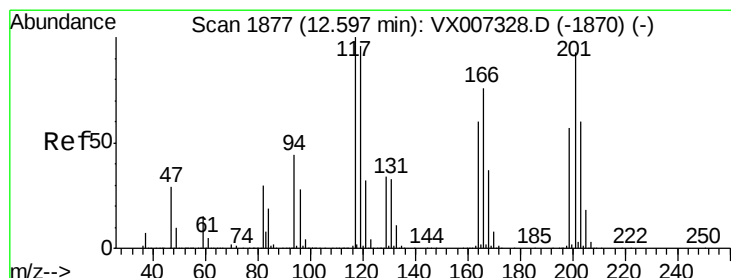
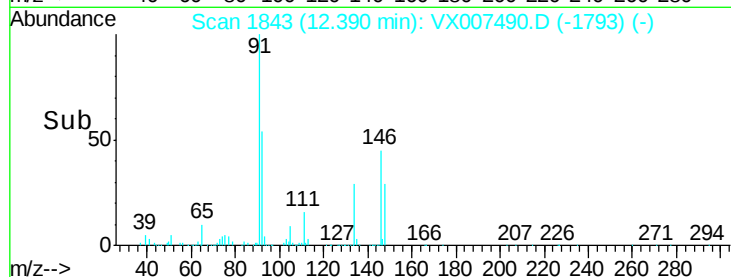
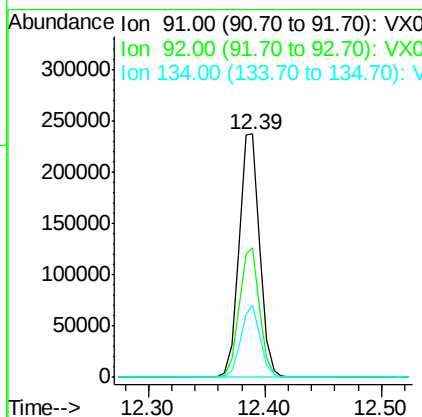
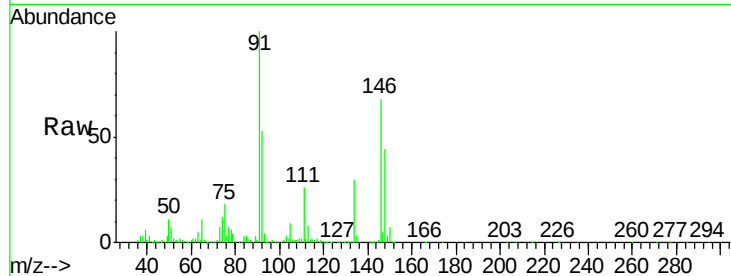




#89
n-Butylbenzene
Concen: 18.203 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

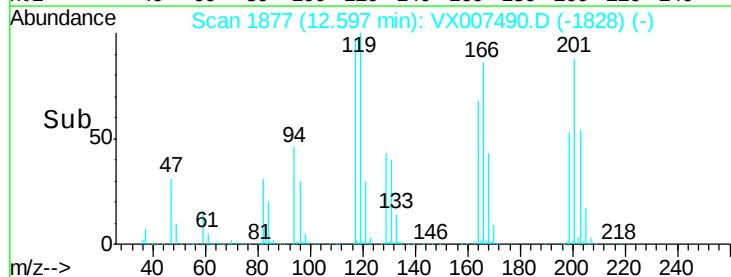
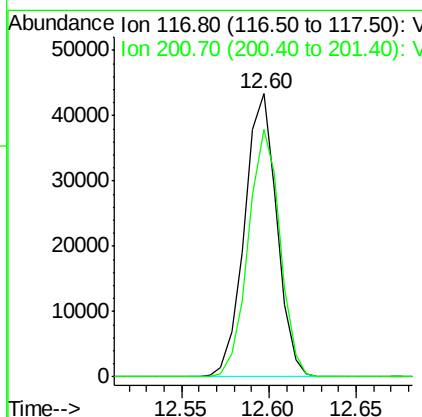
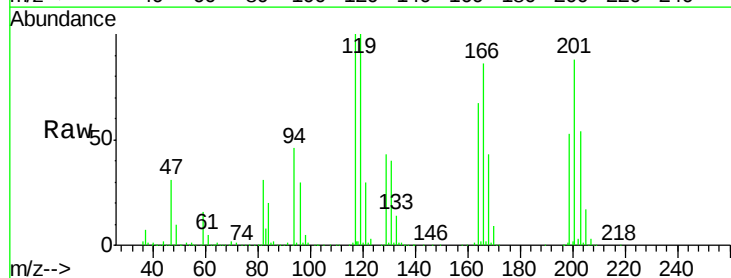
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBSD01

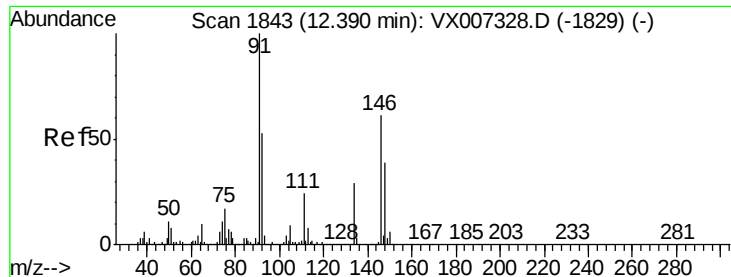
Tot Ion: 91 Resp: 292514
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 27.8 13.9 41.6



#90
Hexachloroethane
Concen: 19.937 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007490.D
Acq: 12 Feb 2019 15:56

Tgt Ion: 117 Resp: 55738
Ion Ratio Lower Upper
117 100
201 85.7 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 18.750 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

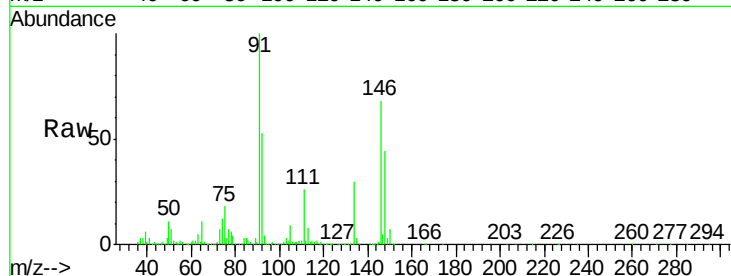
Tot Ion:146 Resp: 199163

Ion Ratio Lower Upper

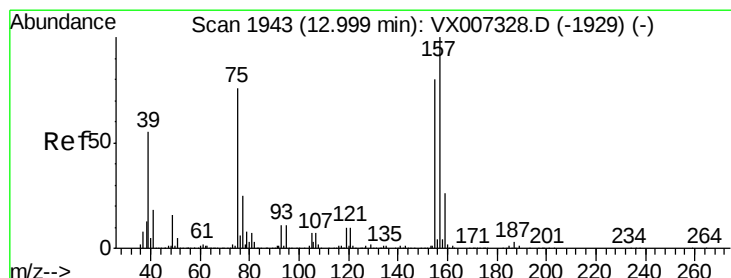
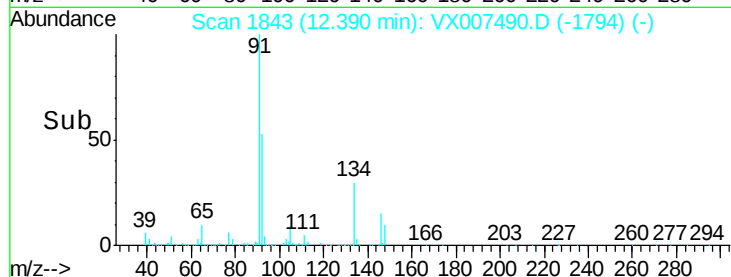
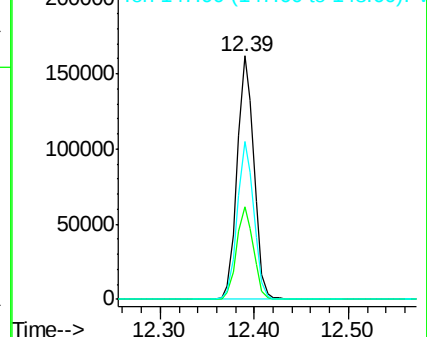
146 100

111 38.3 19.1 57.3

148 64.0 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.957 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

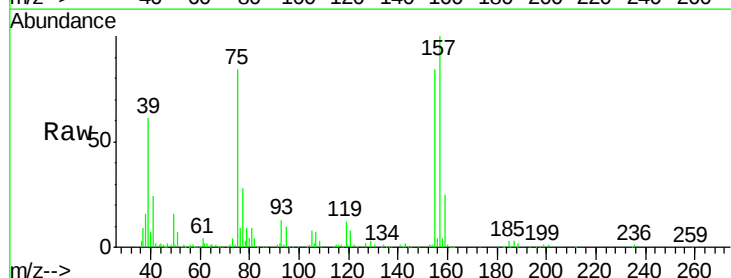
Tgt Ion: 75 Resp: 28033

Ion Ratio Lower Upper

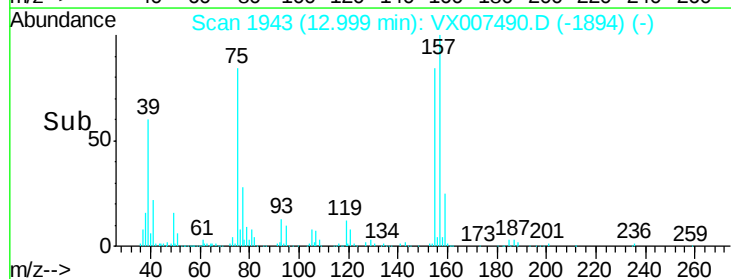
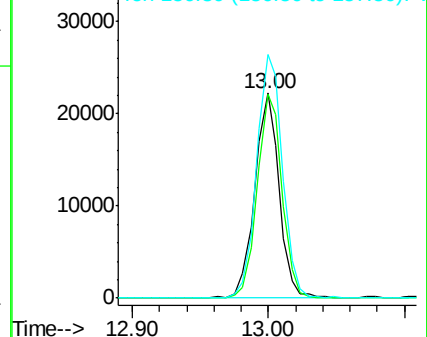
75 100

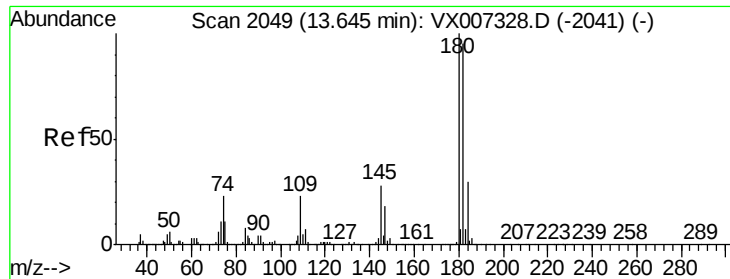
155 101.0 49.6 149.0

157 125.6 65.1 195.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

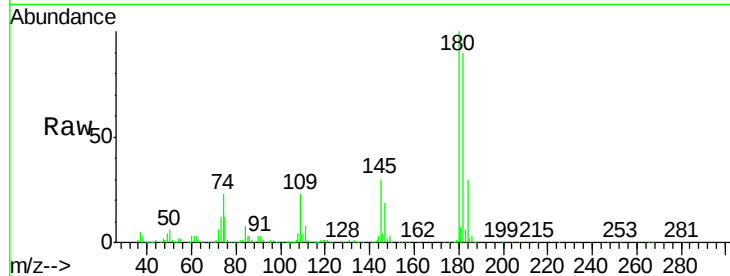




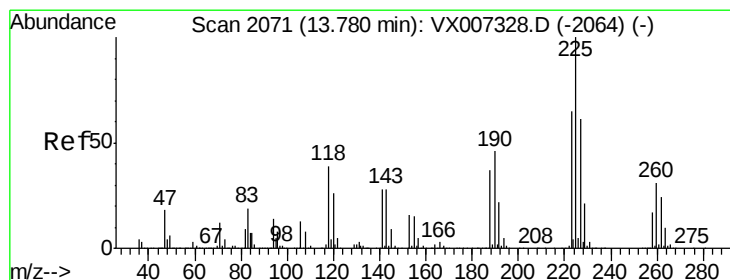
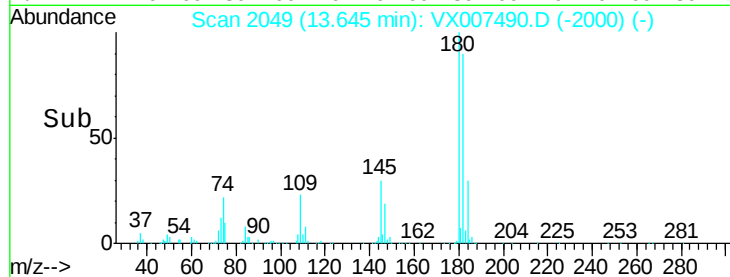
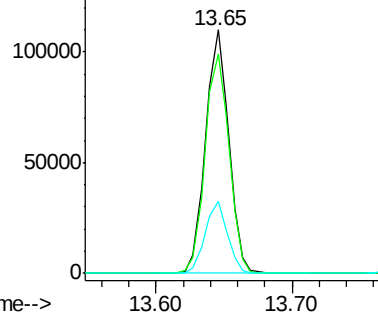
#93
 1,2,4-Trichlorobenzene
 Concen: 18.200 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.8	143.3
145	28.7	14.1	42.2

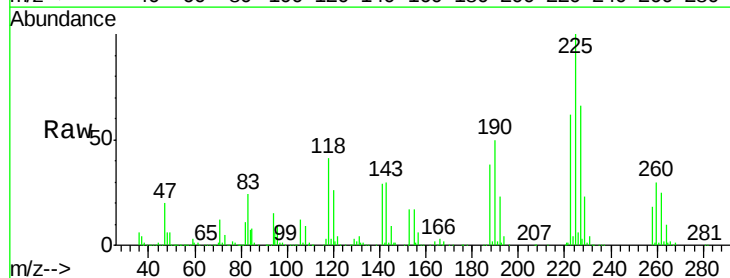


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

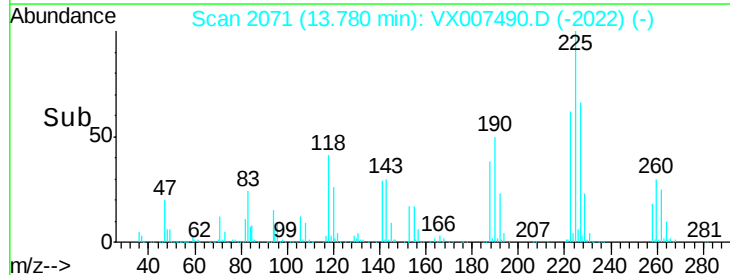
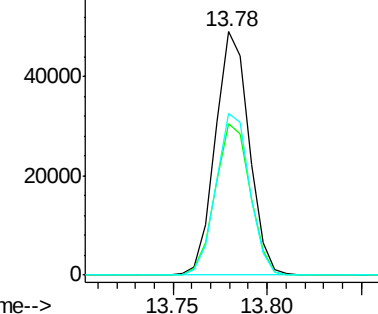


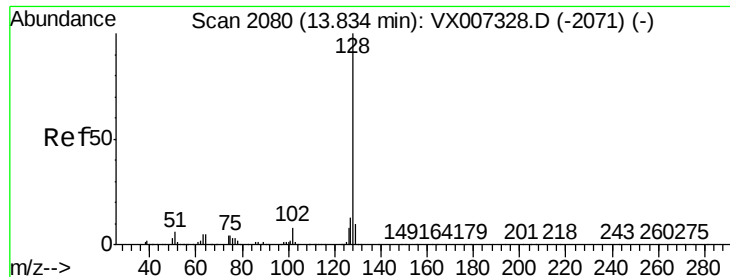
#94
 Hexachlorobutadiene
 Concen: 17.495 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007490.D
 Acq: 12 Feb 2019 15:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.6	94.8
227	66.2	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.748 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBSD01

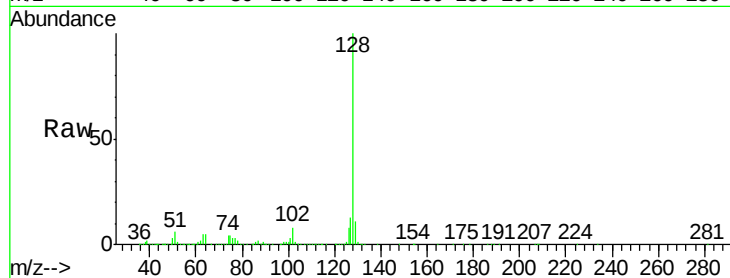
Tot Ion:128 Resp: 413692

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

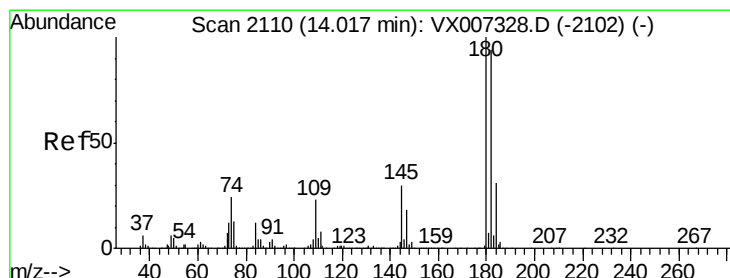
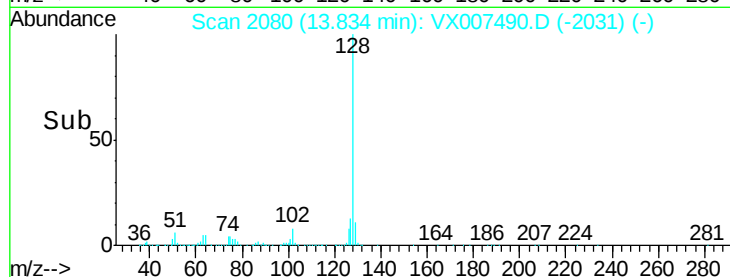
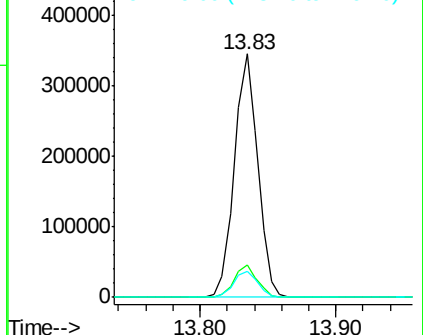
129 11.1 8.7 13.1



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: 18.596 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007490.D

Acq: 12 Feb 2019 15:56

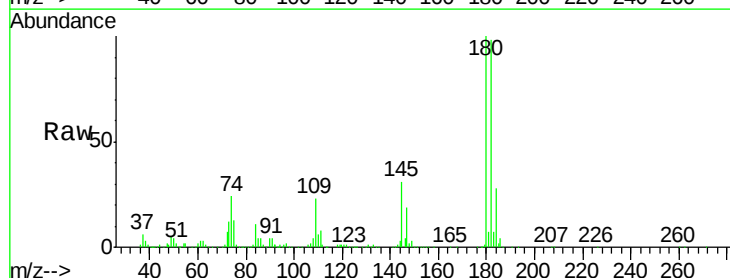
Tgt Ion:180 Resp: 134093

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.6

145 30.2 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

