

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030419\
 Data File : VX007810.D
 Acq On : 04 Mar 2019 15:02
 Operator : JC/SP
 Sample : VX0304WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Quant Time: Mar 04 15:21:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	454589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	401436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204105	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	167098	43.79	ug/l	0.00
Spiked Amount			Recovery	=	87.58%	
35) Dibromofluoromethane	5.51	113	146938	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
50) Toluene-d8	8.71	98	550135	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
62) 4-Bromofluorobenzene	11.13	95	196754	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	47658	16.793	ug/l	97
3) Chloromethane	1.33	50	59273	18.847	ug/l	100
4) Vinyl Chloride	1.41	62	62657	19.419	ug/l	100
5) Bromomethane	1.64	94	33764	15.541	ug/l	99
6) Chloroethane	1.73	64	41125	19.950	ug/l	96
7) Trichlorofluoromethane	1.93	101	84858	17.156	ug/l	99
8) Diethyl Ether	2.19	74	38489	18.960	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51459	17.213	ug/l	99
10) Methyl Iodide	2.51	142	75392	20.253	ug/l	98
11) Tert butyl alcohol	3.07	59	78373	108.243	ug/l	99
12) 1,1-Dichloroethene	2.38	96	50337	18.679	ug/l	97
13) Acrolein	2.30	56	73663	114.490	ug/l	99
14) Allyl chloride	2.73	41	106034	21.280	ug/l	91
15) Acrylonitrile	3.15	53	182364	107.027	ug/l	98
16) Acetone	2.45	43	156583	92.269	ug/l	99
17) Carbon Disulfide	2.57	76	142324	18.984	ug/l	100
18) Methyl Acetate	2.78	43	85799	23.170	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	188352	20.071	ug/l	99
20) Methylene Chloride	2.86	84	57778	18.438	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	55205	18.844	ug/l	93
22) Diisopropyl ether	3.87	45	206744	19.932	ug/l	96
23) Vinyl Acetate	3.82	43	891752	97.989	ug/l	98
24) 1,1-Dichloroethane	3.70	63	109993	19.511	ug/l	98
25) 2-Butanone	4.70	43	258199	99.883	ug/l	96
26) 2,2-Dichloropropane	4.59	77	73488	16.331	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65895	17.677	ug/l	94
28) Bromochloromethane	5.02	49	54748	19.949	ug/l	87
29) Tetrahydrofuran	5.15	42	169709	99.596	ug/l	95
30) Chloroform	5.21	83	105137	17.411	ug/l	98
31) Cyclohexane	5.57	56	95893	18.084	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	87478	17.517	ug/l	99
36) 1,1-Dichloropropene	5.80	75	78186	19.131	ug/l	97
37) Ethyl Acetate	4.85	43	96072	21.162	ug/l	99
38) Carbon Tetrachloride	5.79	117	73903	18.002	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92306	17.871	ug/l	94
40) Benzene	6.15	78	243932	19.335	ug/l	99
41) Methacrylonitrile	5.06	41	53817	22.200	ug/l	95
42) 1,2-Dichloroethane	6.20	62	80700	19.031	ug/l	98
43) Isopropyl Acetate	6.46	43	146449	20.960	ug/l	98
44) Trichloroethene	7.21	130	66302	19.104	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65343	19.994	ug/l	95
46) Dibromomethane	7.66	93	41063	18.011	ug/l	97
47) Bromodichloromethane	7.90	83	75043	18.993	ug/l	98
48) Methyl methacrylate	7.77	41	76460	20.876	ug/l	92
49) 1,4-Dioxane	7.75	88	31915	403.452	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	483084	103.288	ug/l	99
52) Toluene	8.78	92	149826	18.833	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	82084	18.577	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	93628	19.527	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	63125	19.028	ug/l	98
56) Ethyl methacrylate	9.18	69	95768	20.300	ug/l	95
57) 1,3-Dichloropropane	9.37	76	103398	19.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	273443	105.107	ug/l	97
59) 2-Hexanone	9.49	43	365863	99.638	ug/l	99
60) Dibromochloromethane	9.58	129	62139	19.466	ug/l	97
61) 1,2-Dibromoethane	9.67	107	65527	19.024	ug/l	100
64) Tetrachloroethene	9.34	164	65696	20.159	ug/l	97
65) Chlorobenzene	10.14	112	166727	19.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	59872	19.769	ug/l	99
67) Ethyl Benzene	10.25	91	276759	19.243	ug/l	99
68) m/p-Xylenes	10.36	106	212049	37.898	ug/l	97
69) o-Xylene	10.69	106	103631	19.255	ug/l	96
70) Styrene	10.71	104	170725	19.299	ug/l	99
71) Bromoform	10.86	173	48293	21.265	ug/l #	99
73) Isopropylbenzene	11.02	105	280406	19.222	ug/l	99
74) N-amyl acetate	10.90	43	125868	19.869	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	93984	18.628	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	106773	24.542	ug/l	80
77) Bromobenzene	11.26	156	74965	20.488	ug/l	95
78) n-propylbenzene	11.36	91	304606	18.479	ug/l	98
79) 2-Chlorotoluene	11.42	91	185470	18.686	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	227911	18.994	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26550	18.378	ug/l	94
82) 4-Chlorotoluene	11.51	91	211185	18.188	ug/l	98
83) tert-Butylbenzene	11.77	119	225800	19.599	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	235377	19.177	ug/l	100
85) sec-Butylbenzene	11.94	105	272768	18.894	ug/l	99
86) p-Isopropyltoluene	12.06	119	242987	19.219	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	131686	19.403	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	130640	18.795	ug/l	98
89) n-Butylbenzene	12.38	91	199459	17.689	ug/l	99
90) Hexachloroethane	12.60	117	38460	18.054	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	130513	19.219	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19561	17.794	ug/l	98

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Quant Title : SW846 8260
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Response via : Initial Calibration

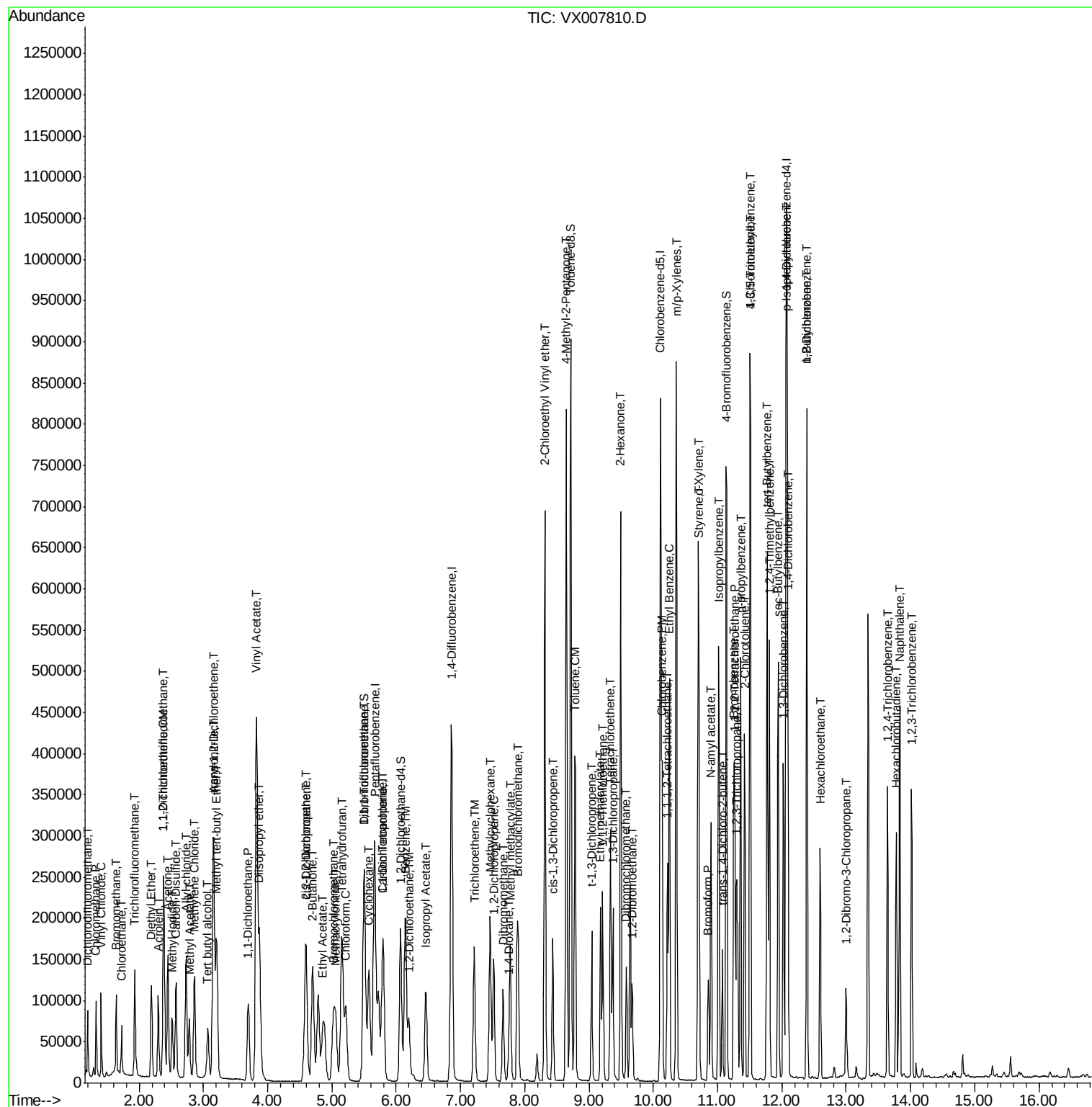
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	91908	22.172	ug/l	99
94) Hexachlorobutadiene	13.78	225	47051	24.813	ug/l	100
95) Naphthalene	13.83	128	282866	21.063	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92572	22.242	ug/l	98

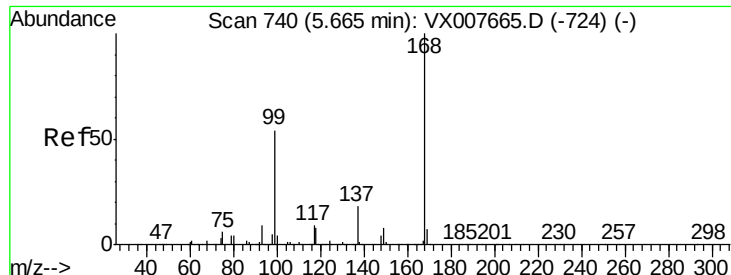
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

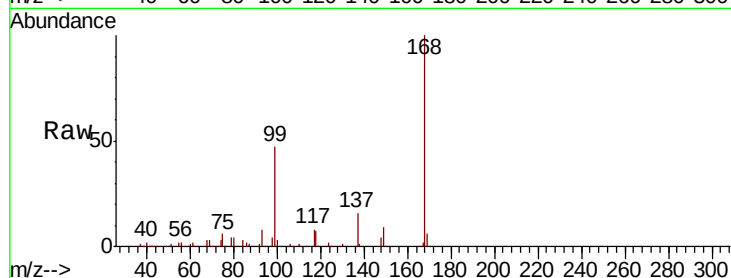
VX0304WBS01

Tgt Ion:168 Resp: 308078

Ion Ratio Lower Upper

168 100

99 47.3 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

120000

100000

80000

60000

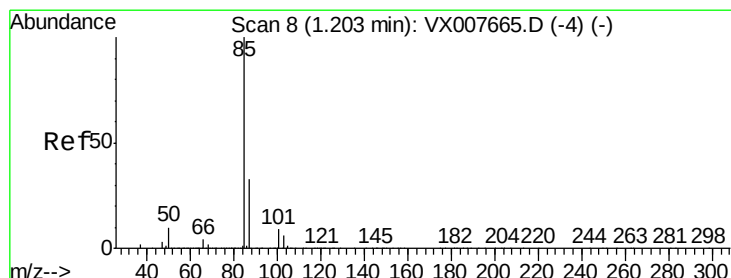
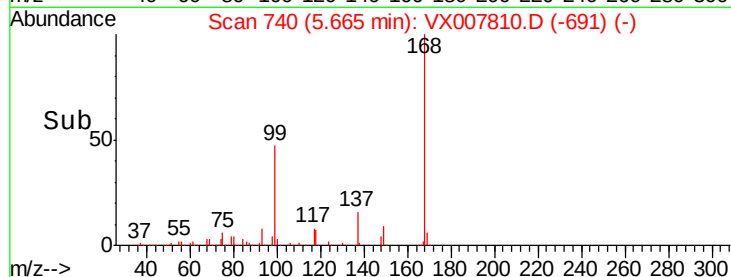
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.793 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007810.D

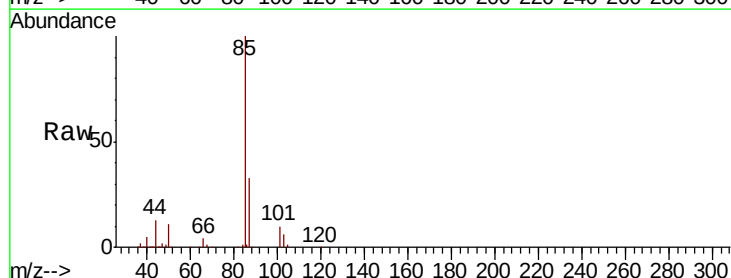
Acq: 04 Mar 2019 15:02

Tgt Ion: 85 Resp: 47658

Ion Ratio Lower Upper

85 100

87 33.1 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

50000

40000

30000

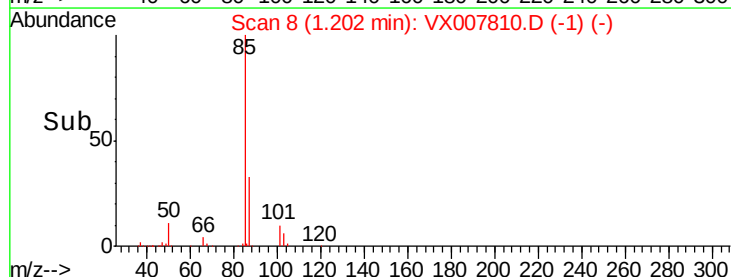
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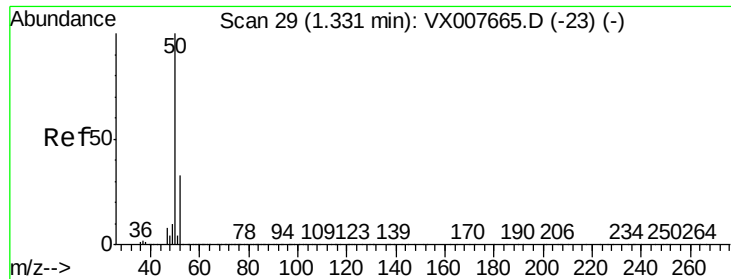
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.847 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

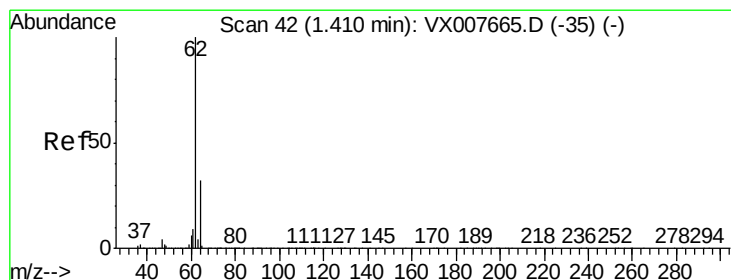
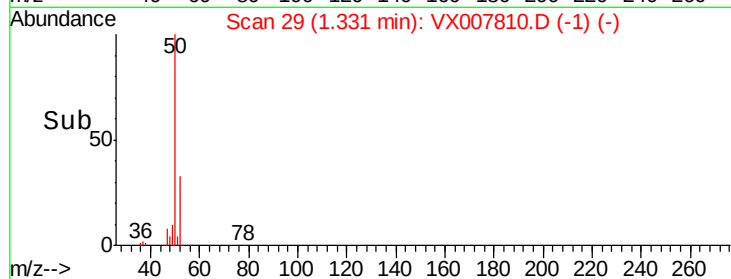
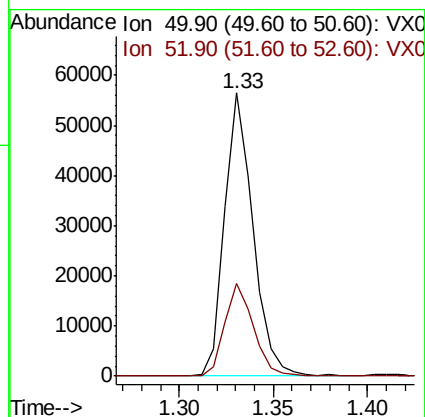
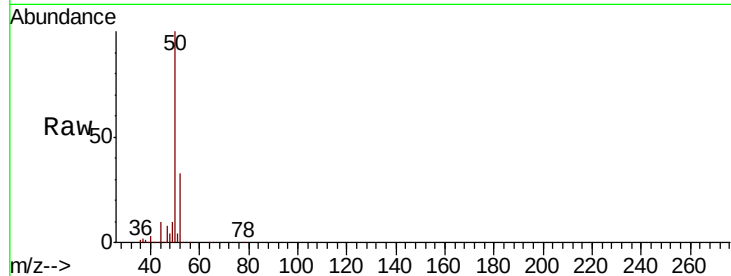
VX0304WBS01

Tgt Ion: 50 Resp: 59273

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 19.419 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007810.D

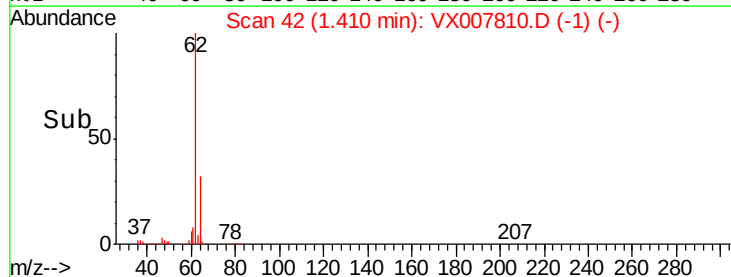
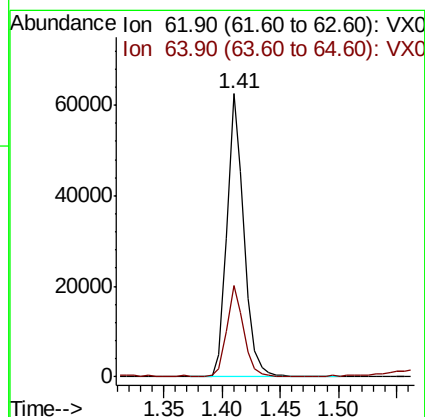
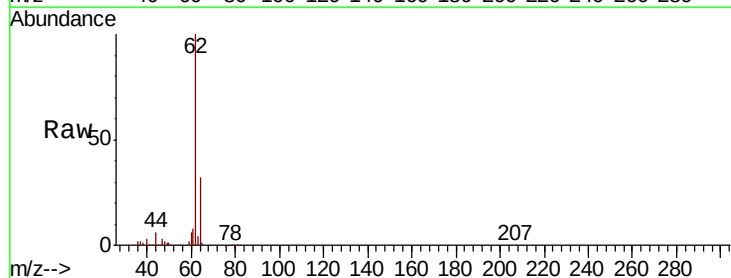
Acq: 04 Mar 2019 15:02

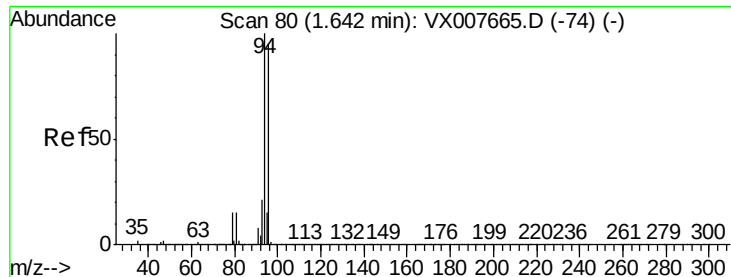
Tgt Ion: 62 Resp: 62657

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 15.541 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

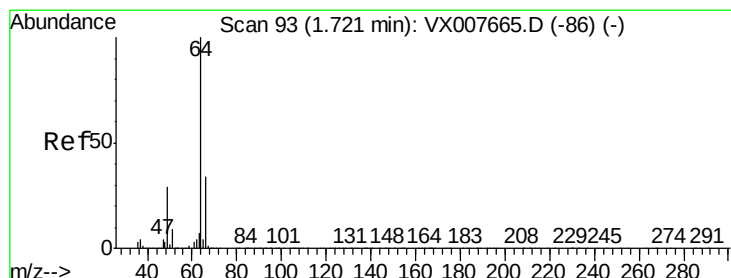
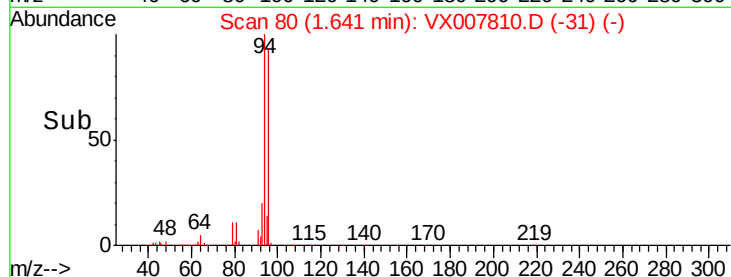
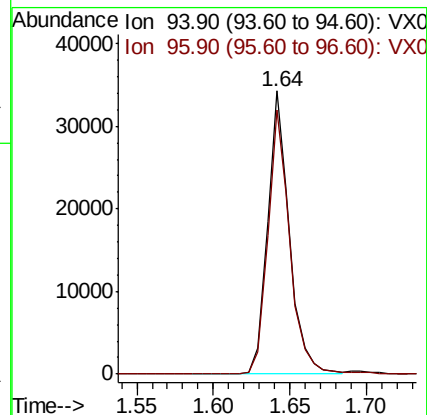
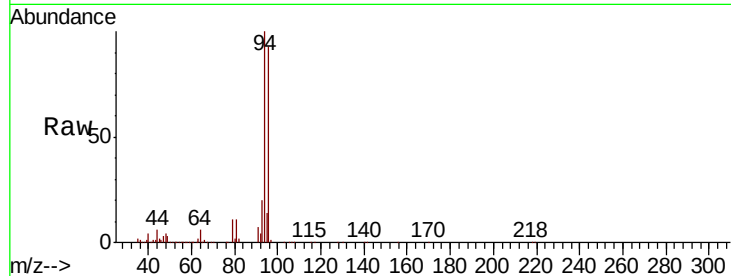
VX0304WBS01

Tgt Ion: 94 Resp: 33764

Ion Ratio Lower Upper

94 100

96 93.6 73.9 110.9



#6

Chloroethane

Concen: 19.950 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007810.D

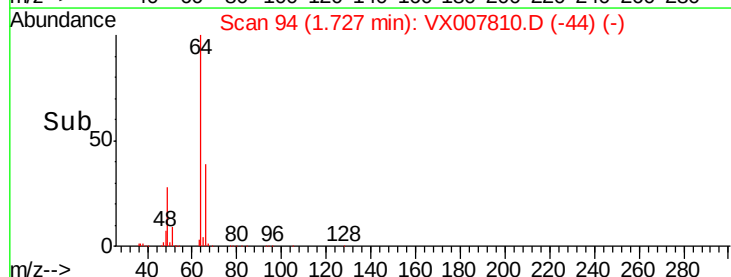
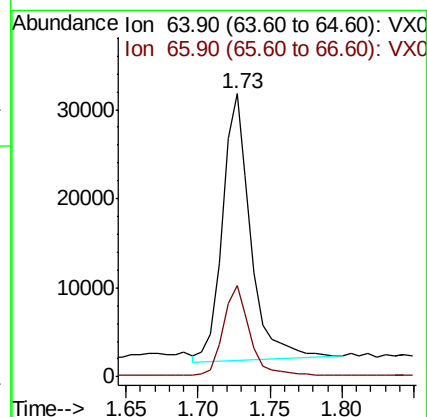
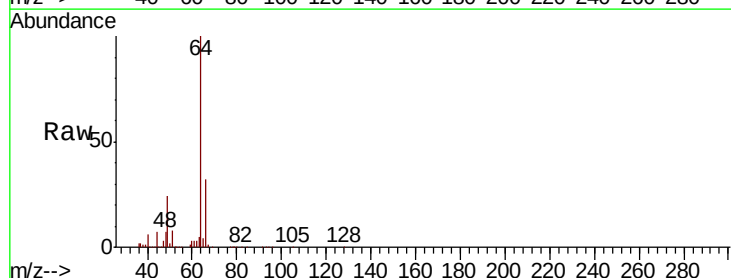
Acq: 04 Mar 2019 15:02

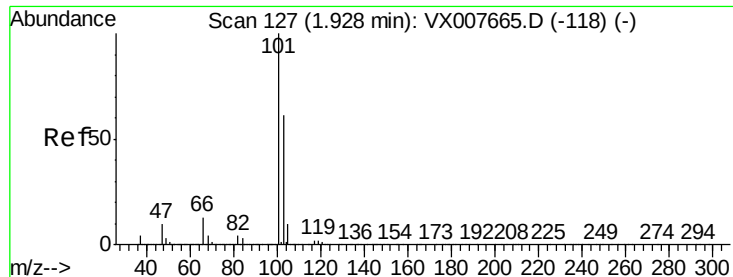
Tgt Ion: 64 Resp: 41125

Ion Ratio Lower Upper

64 100

66 34.2 25.5 38.3



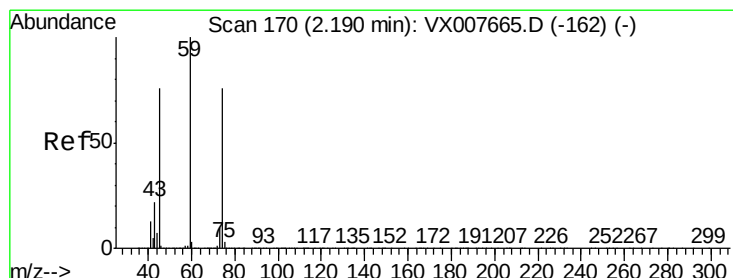
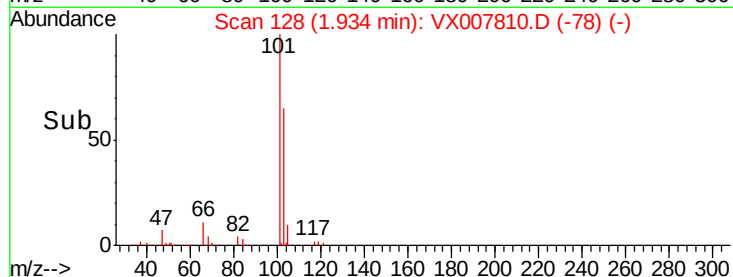
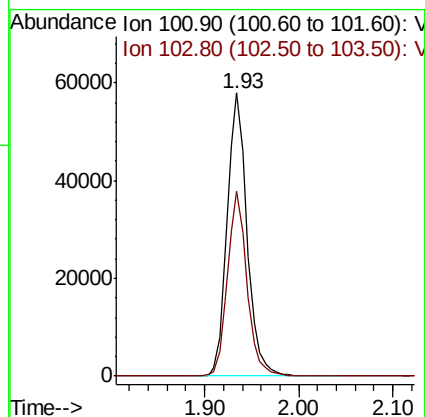
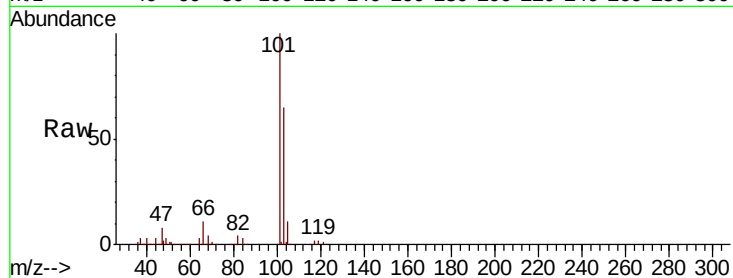


#7

Trichlorofluoromethane
Concen: 17.156 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

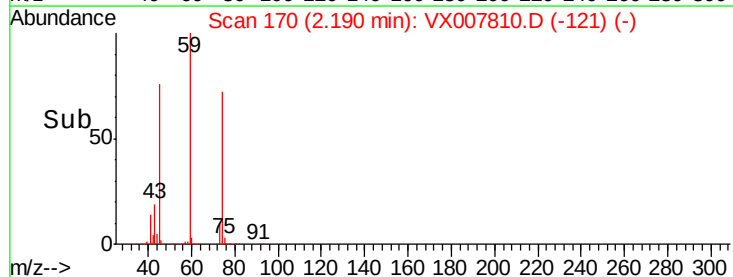
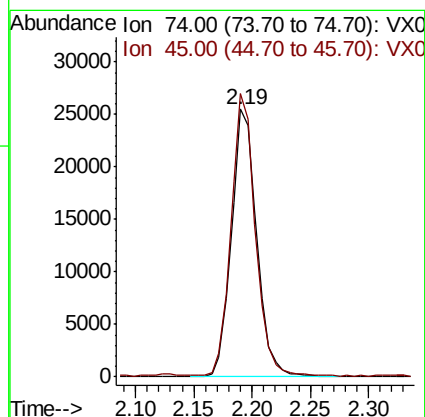
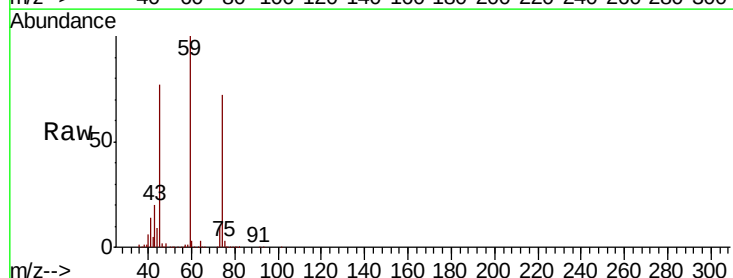
Tgt Ion:101 Resp: 84858
Ion Ratio Lower Upper
101 100
103 65.2 52.6 79.0

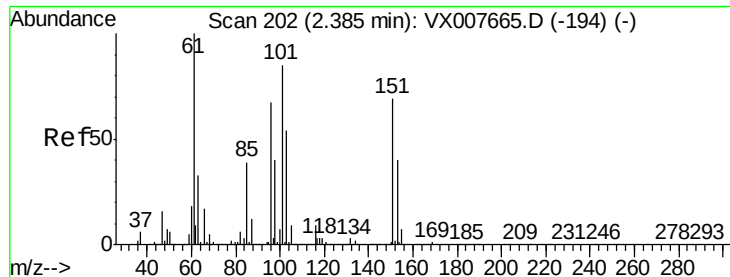


#8

Diethyl Ether
Concen: 18.960 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 74 Resp: 38489
Ion Ratio Lower Upper
74 100
45 100.9 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.213 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

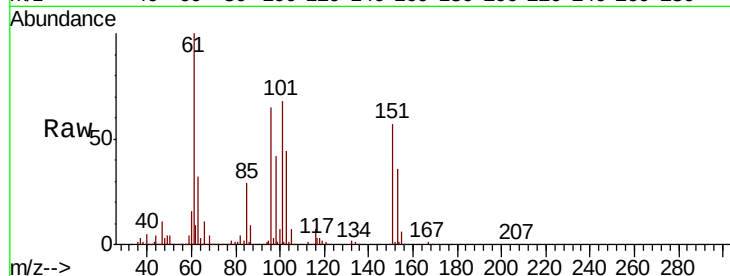
Tgt Ion:101 Resp: 51459

Ion Ratio Lower Upper

101 100

85 42.6 34.1 51.1

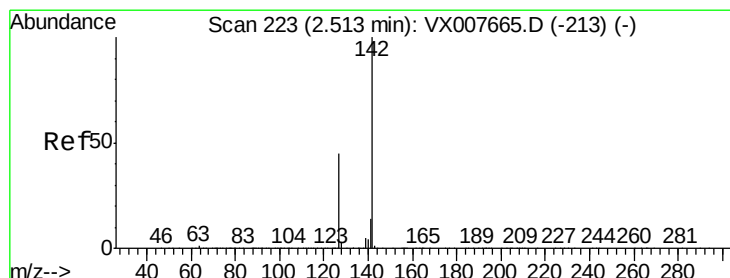
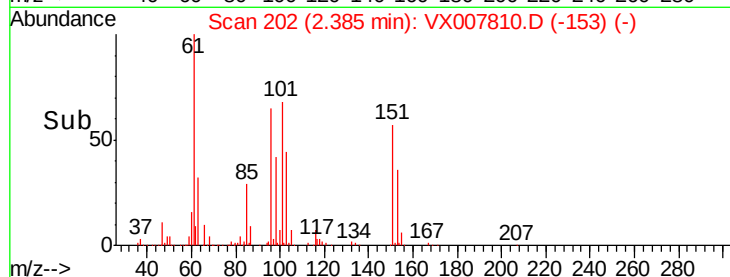
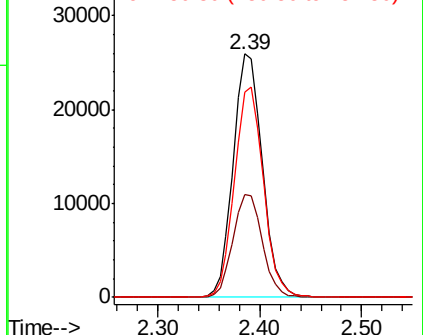
151 85.5 69.9 104.9



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: 20.253 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

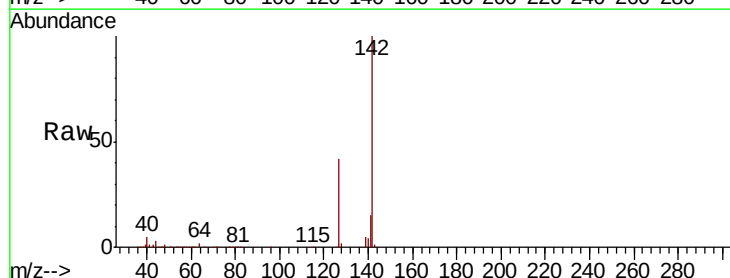
Tgt Ion:142 Resp: 75392

Ion Ratio Lower Upper

142 100

127 40.4 33.7 50.5

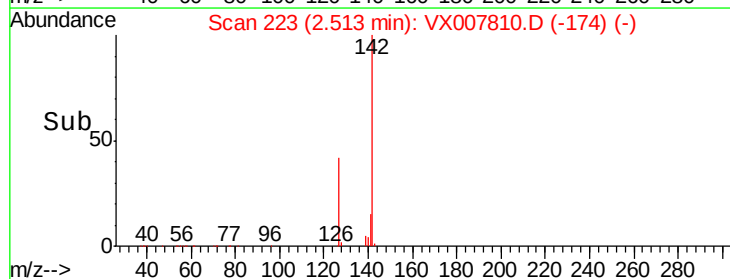
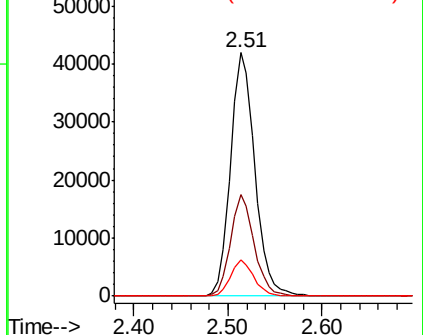
141 14.5 11.3 16.9

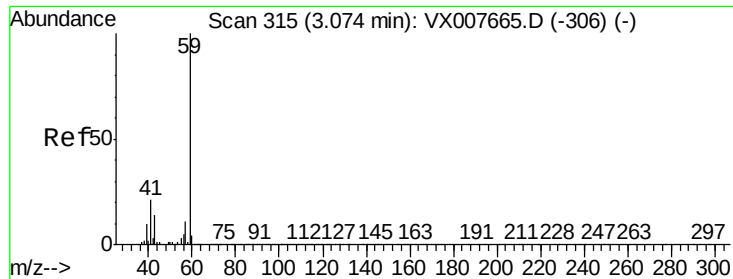


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



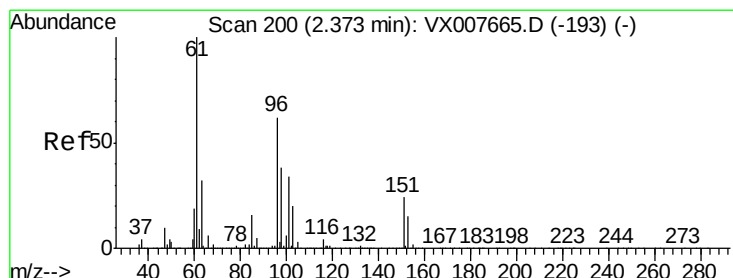
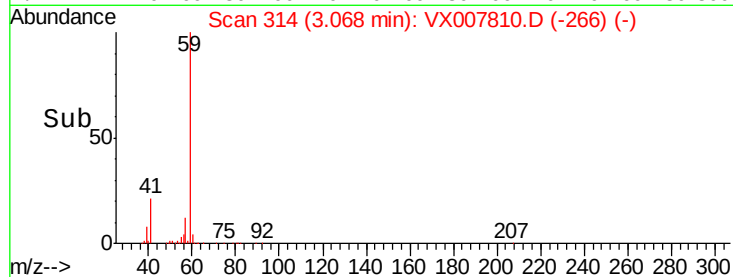
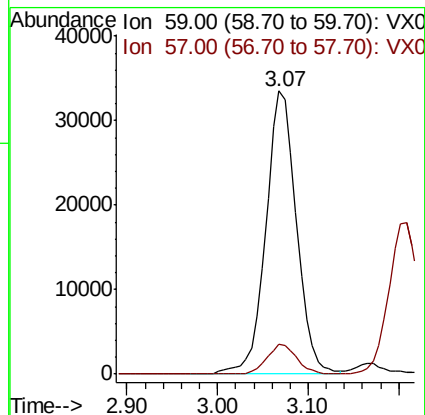
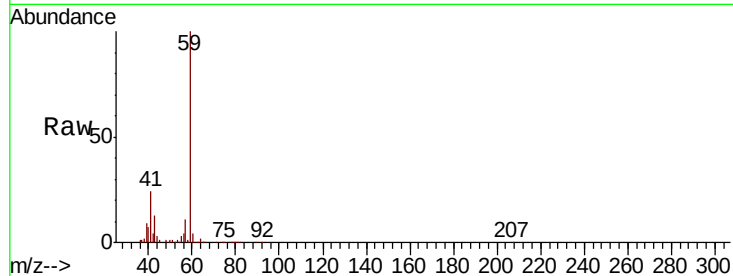


#11

Tert butyl alcohol
Concen: 108.243 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

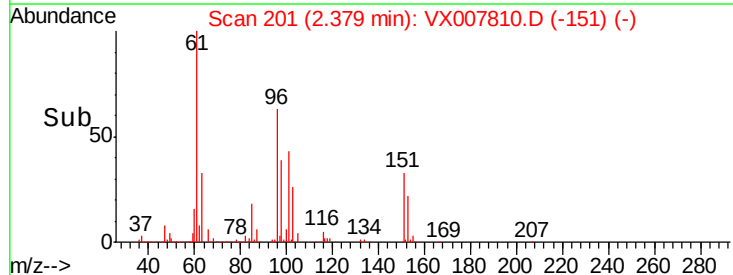
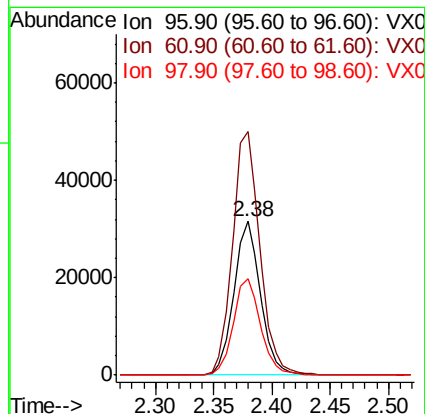
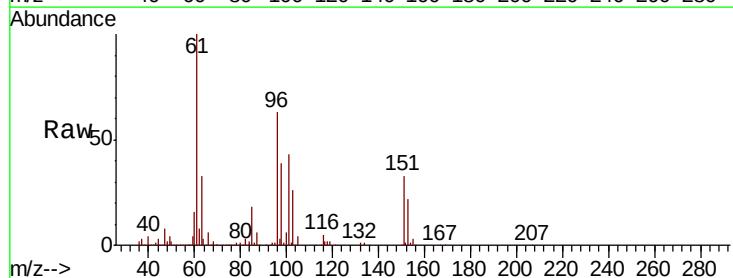
Tgt Ion: 59 Resp: 78373
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

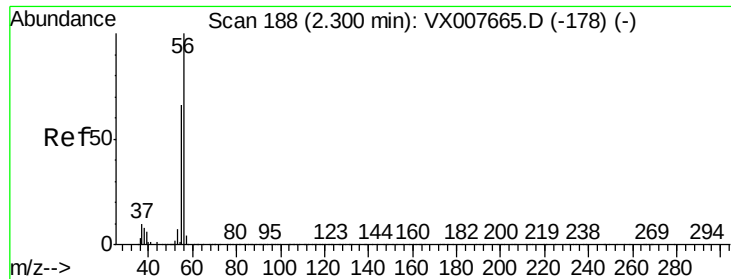


#12

1,1-Dichloroethene
Concen: 18.679 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 96 Resp: 50337
Ion Ratio Lower Upper
96 100
61 158.5 123.0 184.4
98 62.5 50.9 76.3

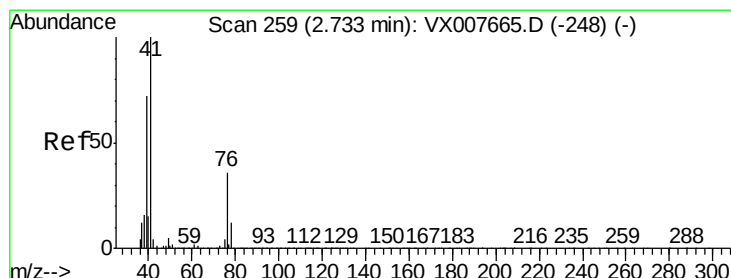
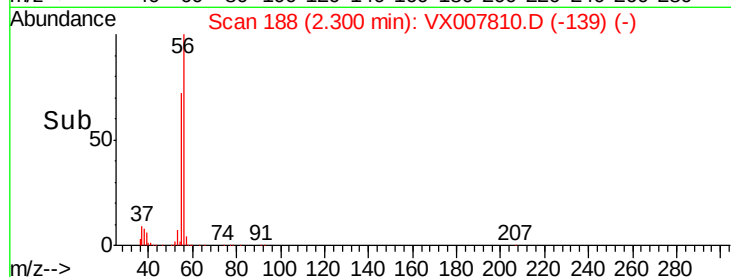
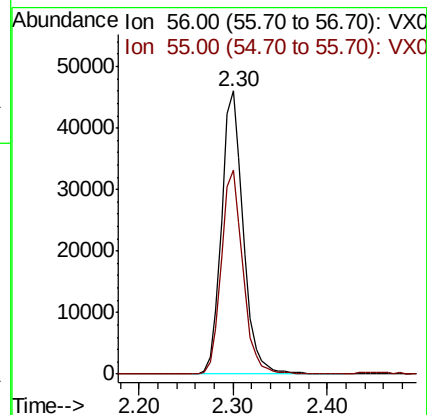
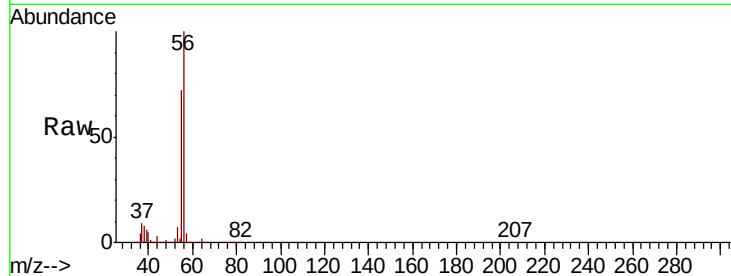




#13
Acrolein
Concen: 114.490 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

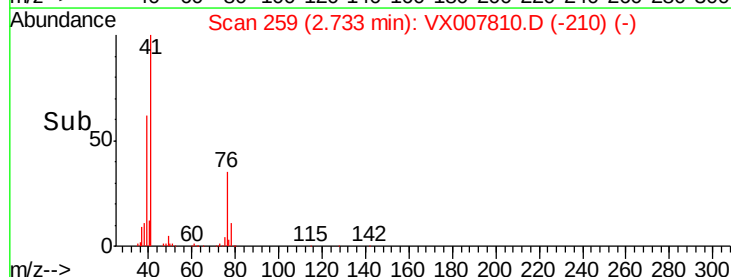
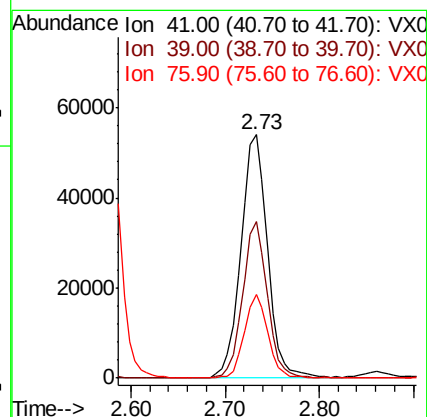
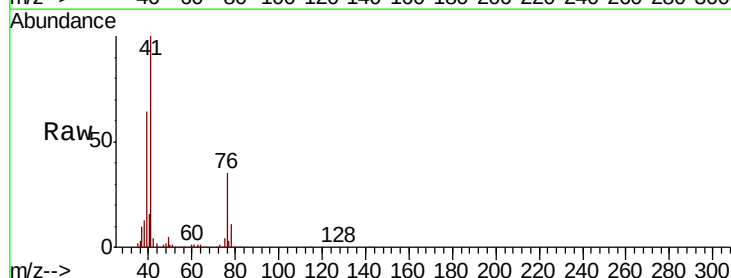
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

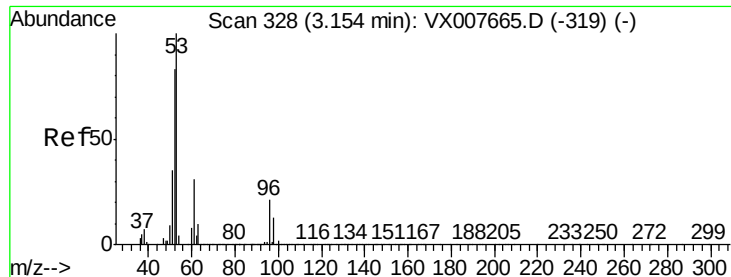
Tgt Ion: 56 Resp: 73663
Ion Ratio Lower Upper
56 100
55 71.6 56.9 85.3



#14
Allyl chloride
Concen: 21.280 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 41 Resp: 106034
Ion Ratio Lower Upper
41 100
39 60.4 54.1 81.1
76 30.2 27.8 41.8





#15

Acrylonitrile

Concen: 107.027 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

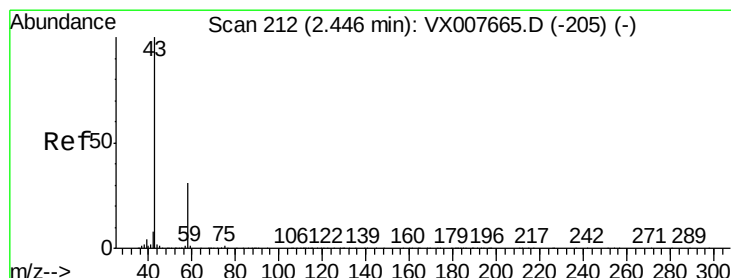
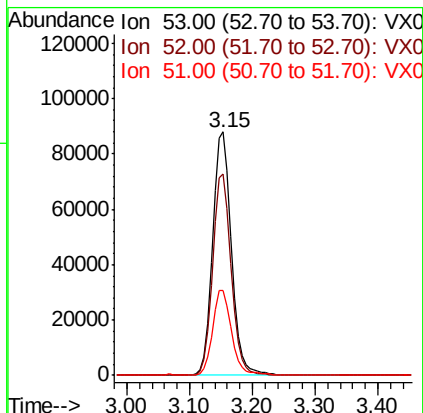
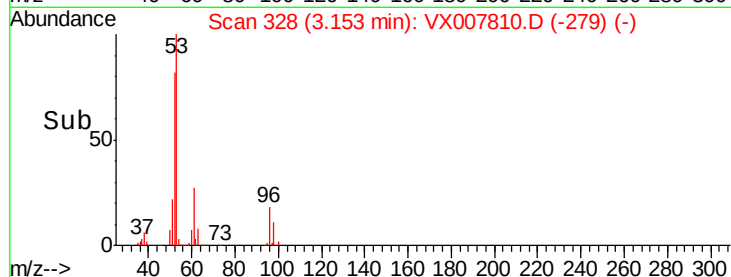
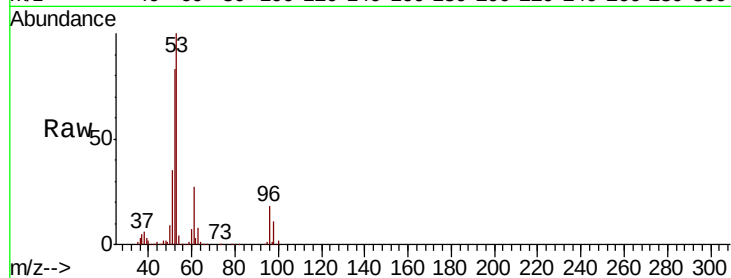
Tgt Ion: 53 Resp: 182364

Ion Ratio Lower Upper

53 100

52 81.3 66.4 99.6

51 35.0 28.4 42.6



#16

Acetone

Concen: 92.269 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007810.D

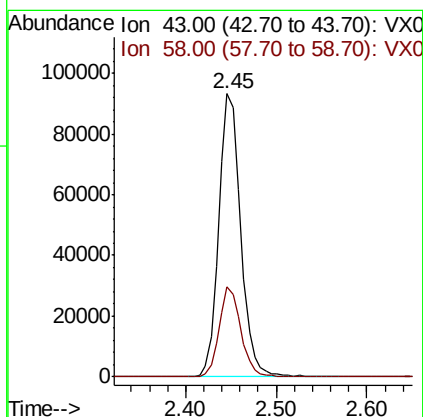
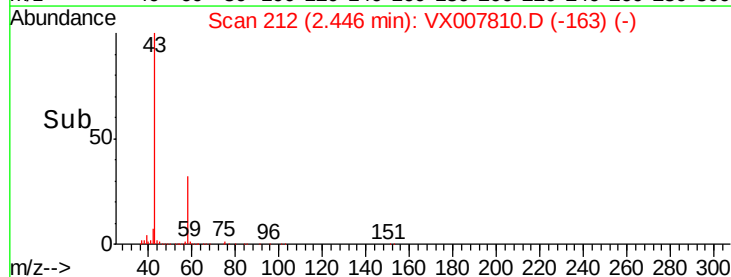
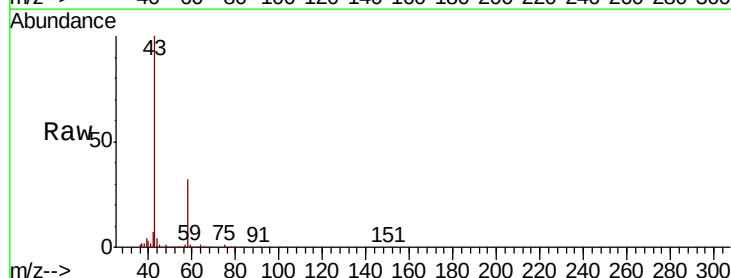
Acq: 04 Mar 2019 15:02

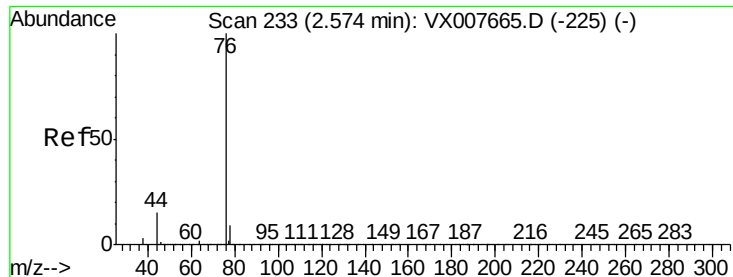
Tgt Ion: 43 Resp: 156583

Ion Ratio Lower Upper

43 100

58 31.9 24.9 37.3





#17

Carbon Disulfide

Concen: 18.984 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

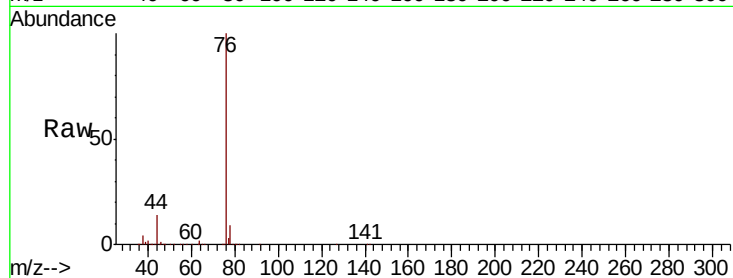
VX0304WBS01

Tgt Ion: 76 Resp: 142324

Ion Ratio Lower Upper

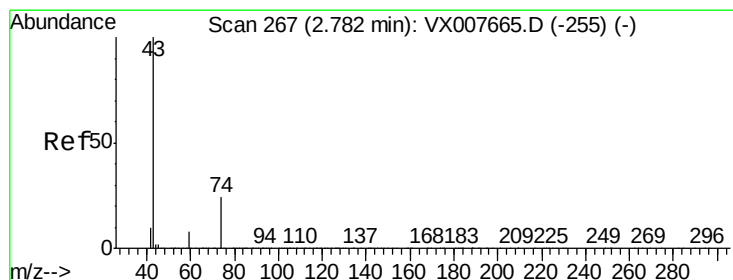
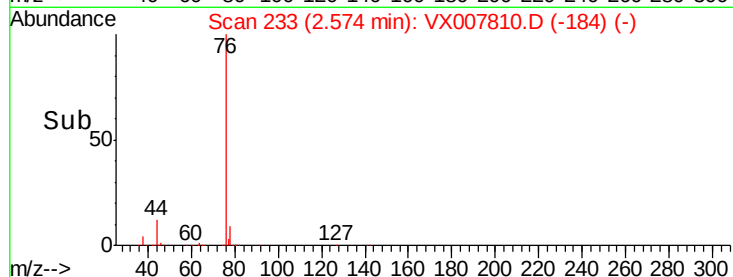
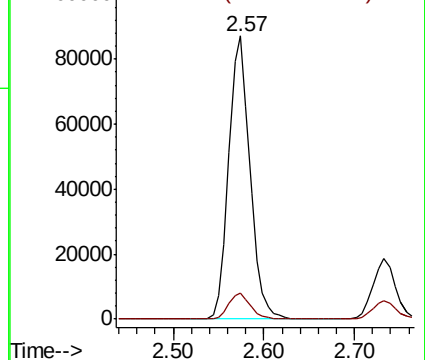
76 100

78 8.9 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: 23.170 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007810.D

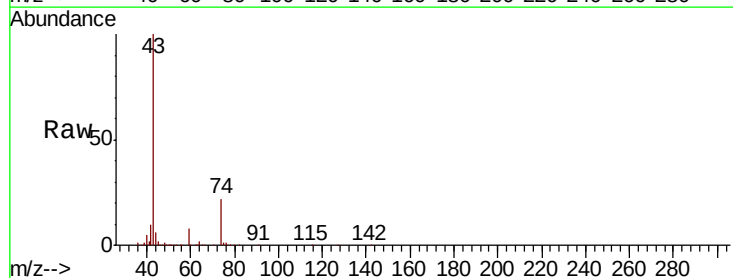
Acq: 04 Mar 2019 15:02

Tgt Ion: 43 Resp: 85799

Ion Ratio Lower Upper

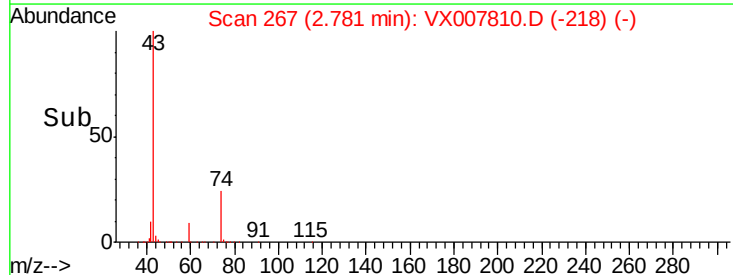
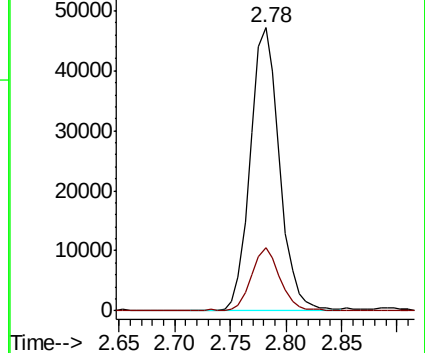
43 100

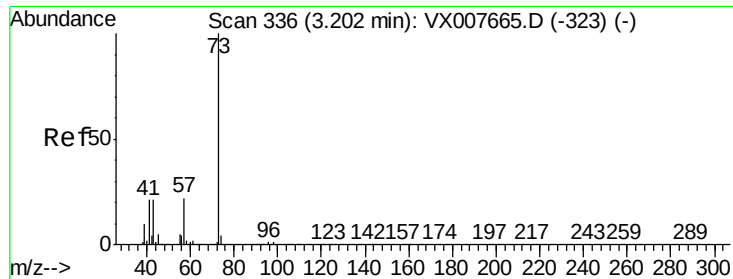
74 22.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

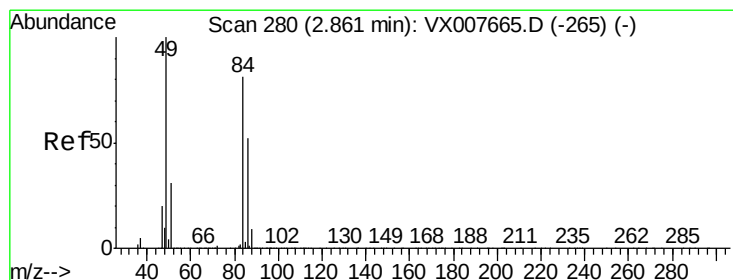
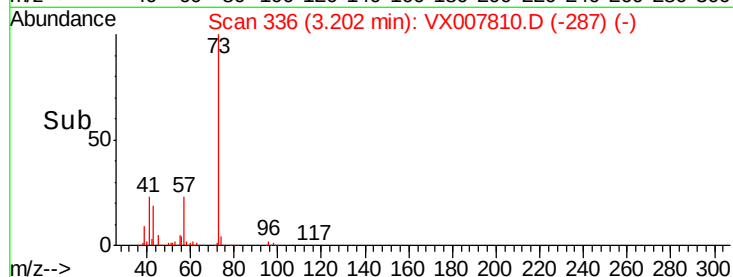
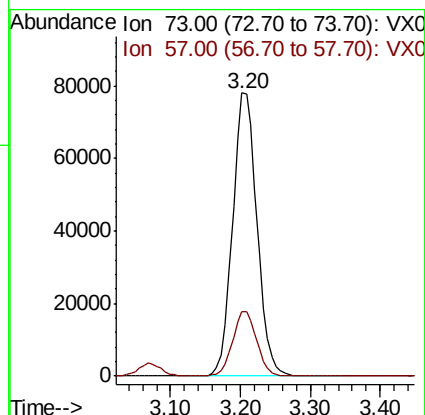
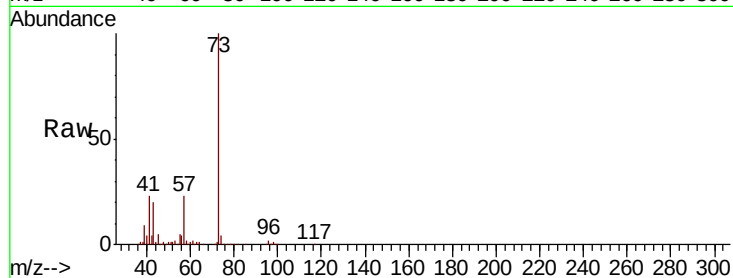




#19
Methyl tert-butyl Ether
Concen: 20.071 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

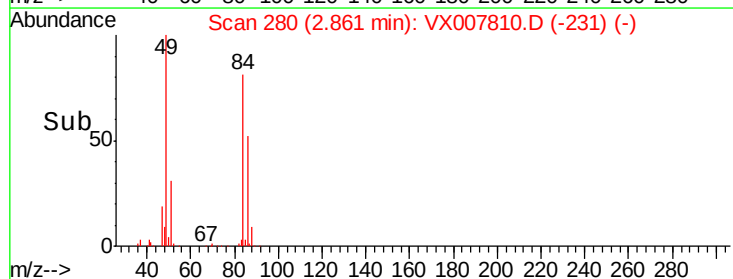
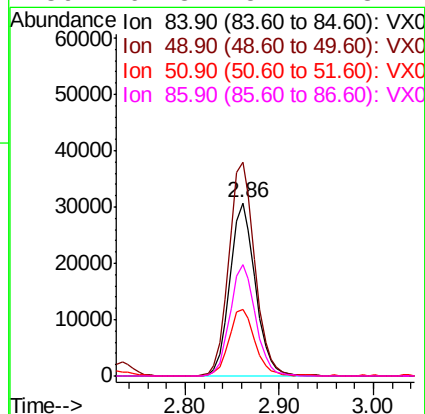
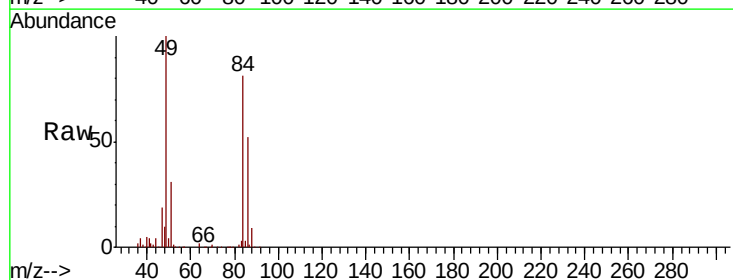
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

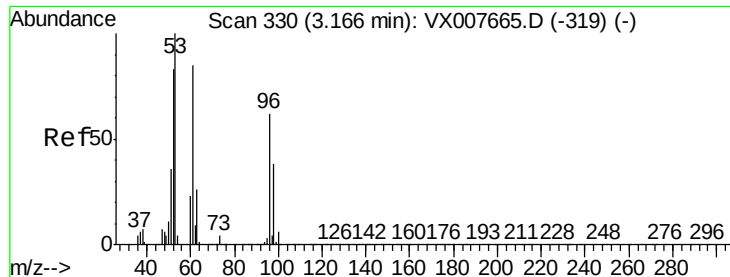
Tgt Ion: 73 Resp: 188352
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.8



#20
Methylene Chloride
Concen: 18.438 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 84 Resp: 57778
Ion Ratio Lower Upper
84 100
49 123.5 94.8 142.2
51 38.2 29.8 44.8
86 64.3 54.1 81.1

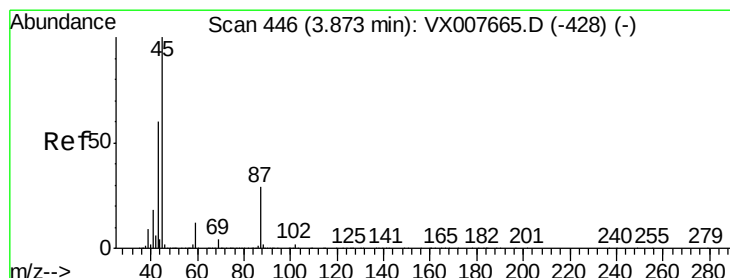
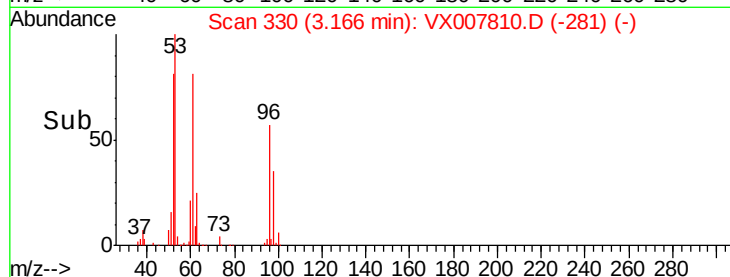
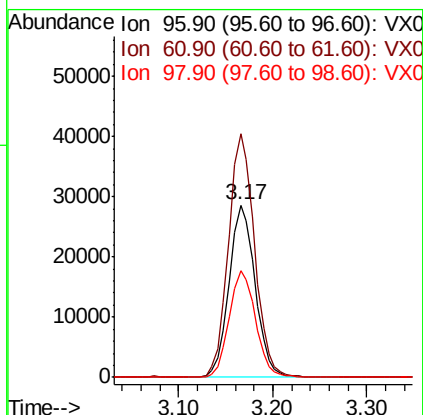
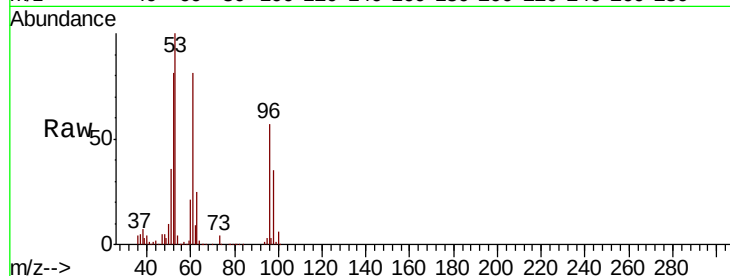




#21
trans-1,2-Dichloroethene
Concen: 18.844 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

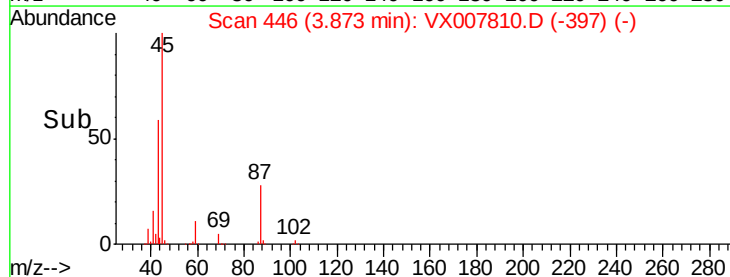
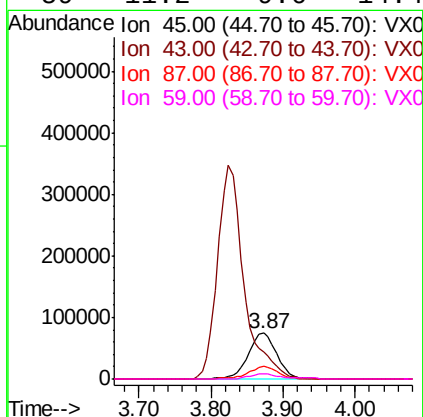
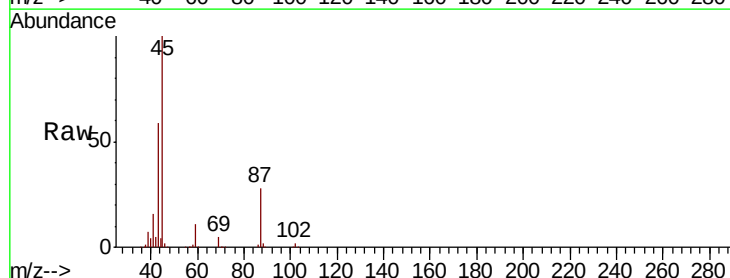
Instrument :
MSVOA_X
ClientSampled :
VX0304WBS01

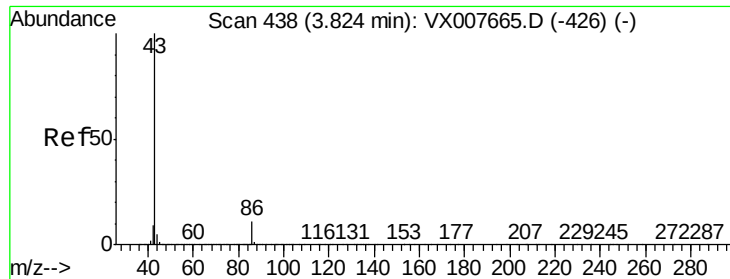
Tgt Ion: 96 Resp: 55205
Ion Ratio Lower Upper
96 100
61 141.6 104.6 156.8
98 61.9 51.0 76.4



#22
Diisopropyl ether
Concen: 19.932 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 45 Resp: 206744
Ion Ratio Lower Upper
45 100
43 58.4 48.9 73.3
87 27.7 23.9 35.9
59 11.2 9.6 14.4





#23

Vinyl Acetate

Concen: 97.989 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

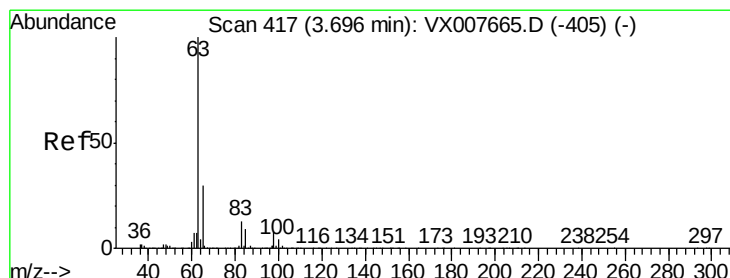
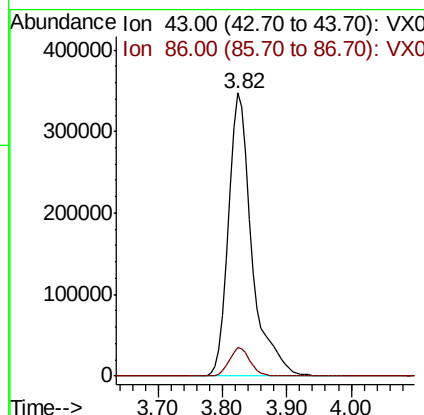
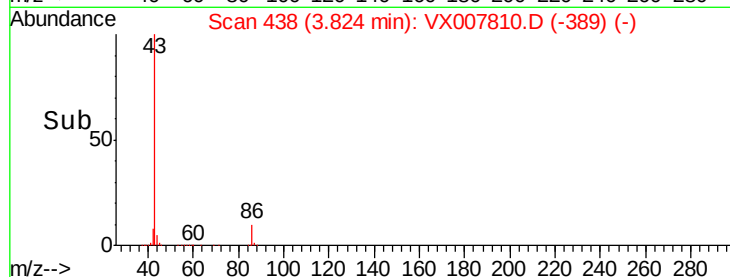
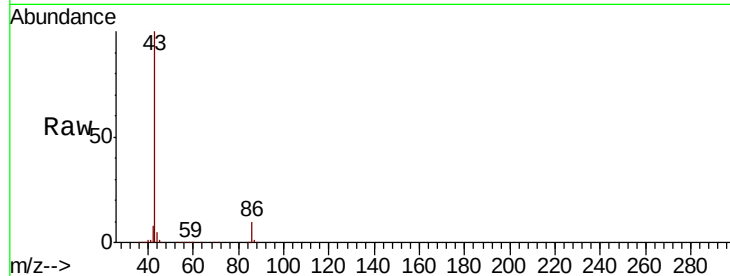
VX0304WBS01

Tgt Ion: 43 Resp: 891752

Ion Ratio Lower Upper

43 100

86 10.0 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.511 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

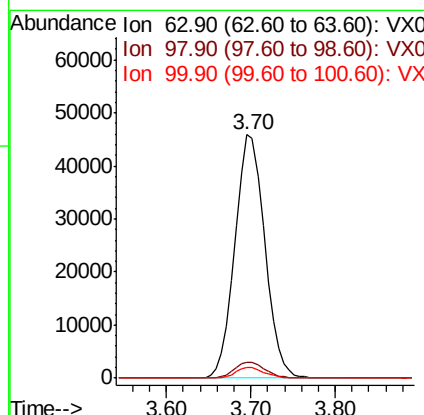
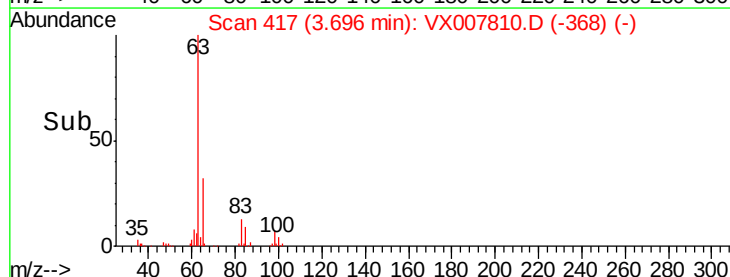
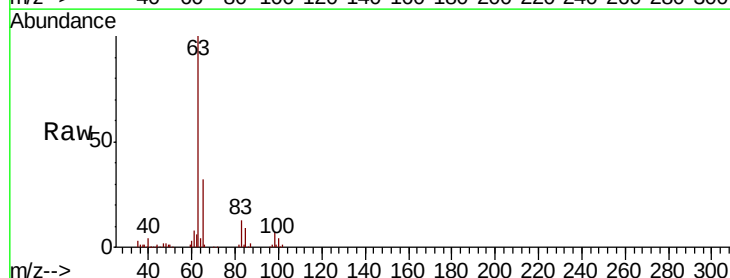
Tgt Ion: 63 Resp: 109993

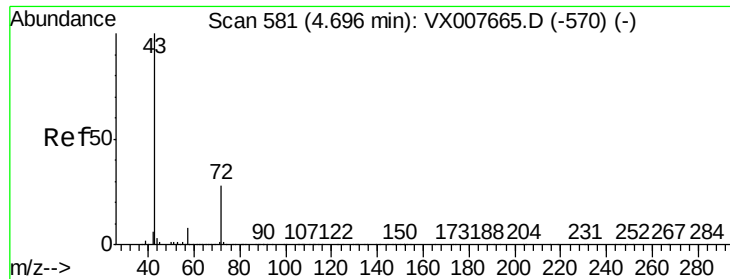
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 99.883 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampled :

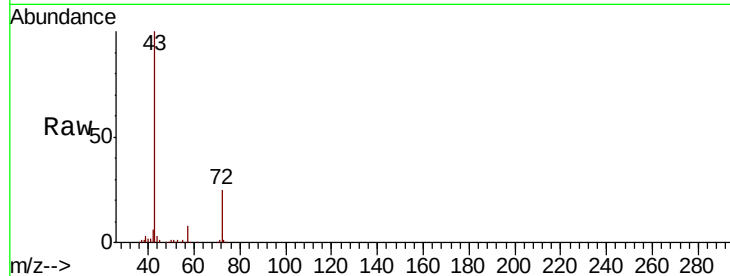
VX0304WBS01

Tgt Ion: 43 Resp: 258199

Ion Ratio Lower Upper

43 100

72 25.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

100000

80000

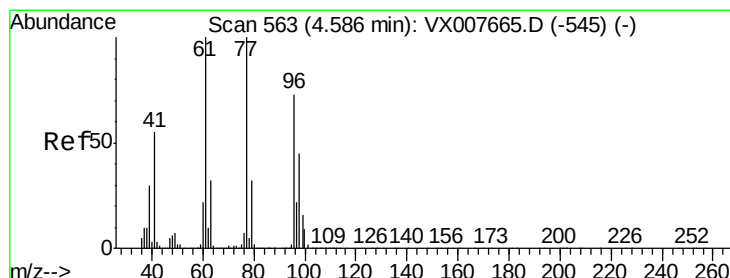
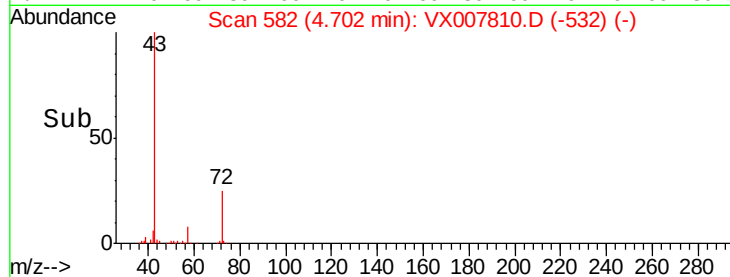
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 16.331 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007810.D

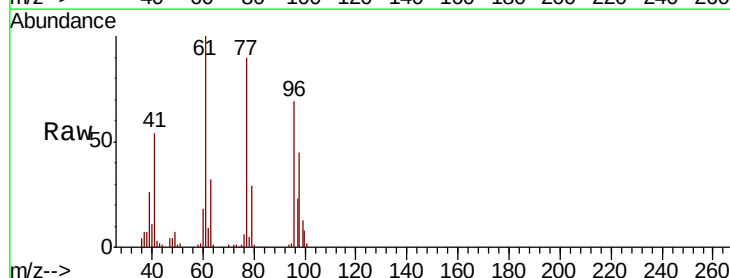
Acq: 04 Mar 2019 15:02

Tgt Ion: 77 Resp: 73488

Ion Ratio Lower Upper

77 100

97 25.2 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

25000

20000

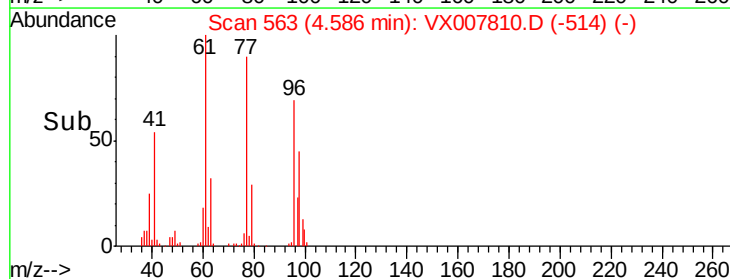
15000

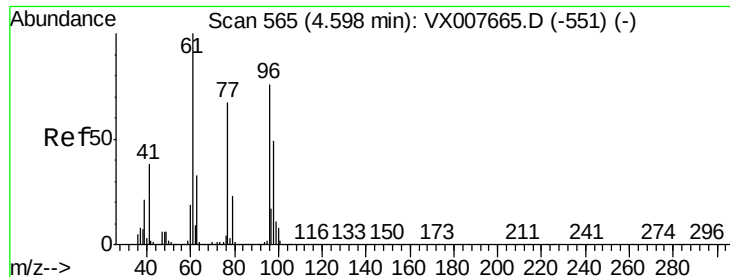
10000

5000

0

Time-->



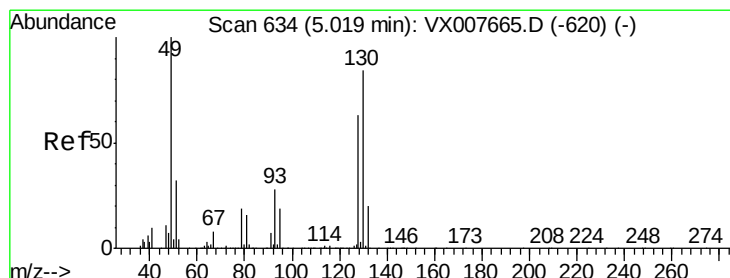
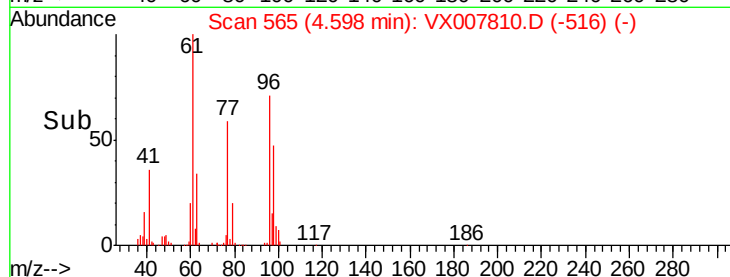
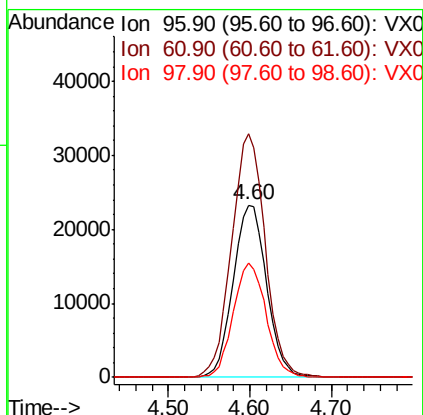
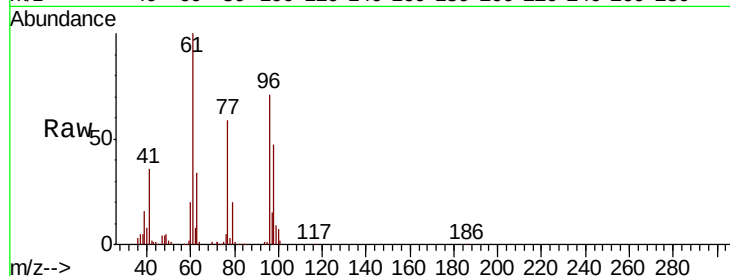


#27

cis-1,2-Dichloroethene
 Concen: 17.677 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

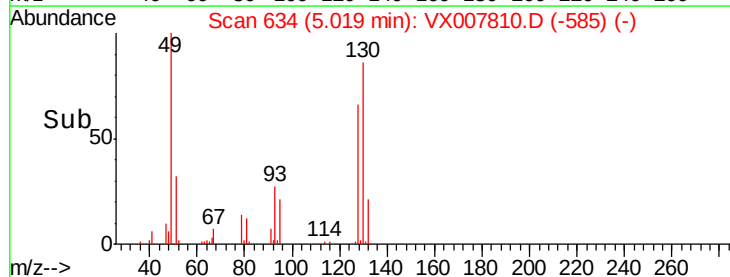
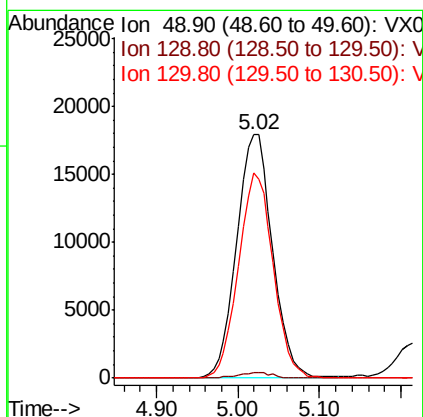
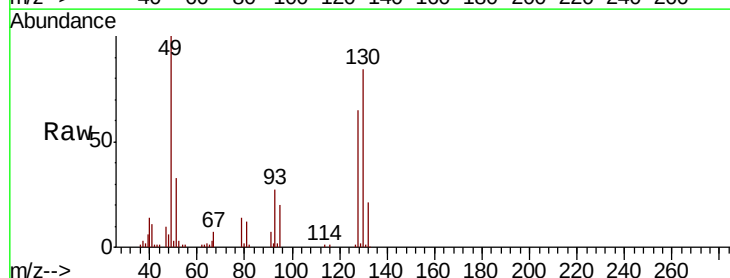
Tgt Ion: 96 Resp: 65895
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 265.6
 98 65.3 0.0 131.6

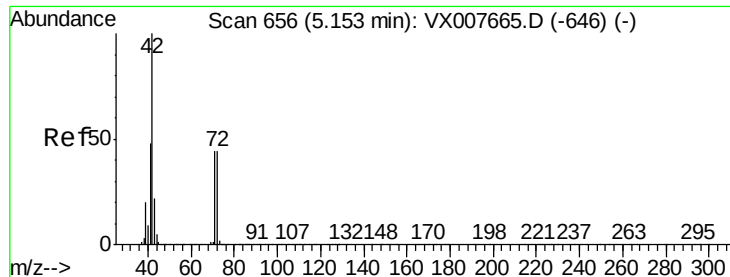


#28

Bromochloromethane
 Concen: 19.949 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion: 49 Resp: 54748
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.6
 130 81.5 75.6 113.4





#29

Tetrahydrofuran

Concen: 99.596 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

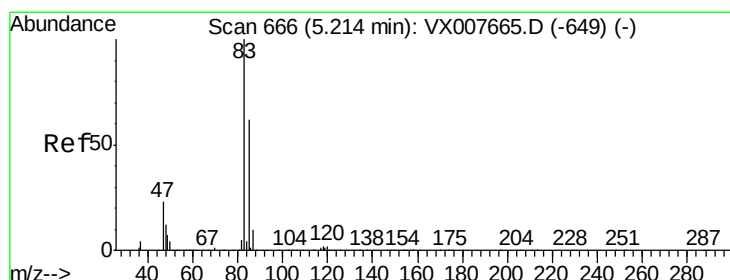
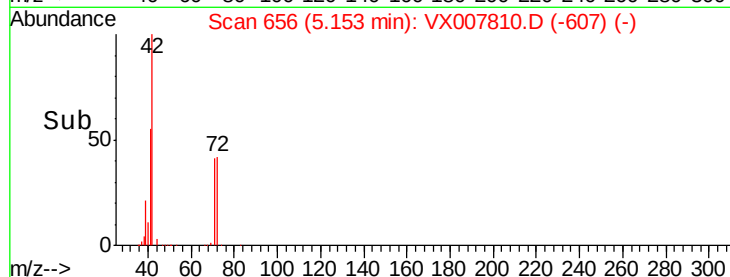
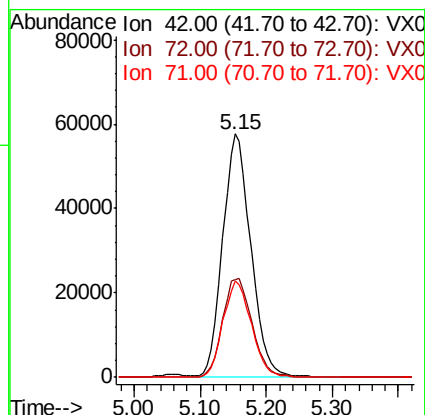
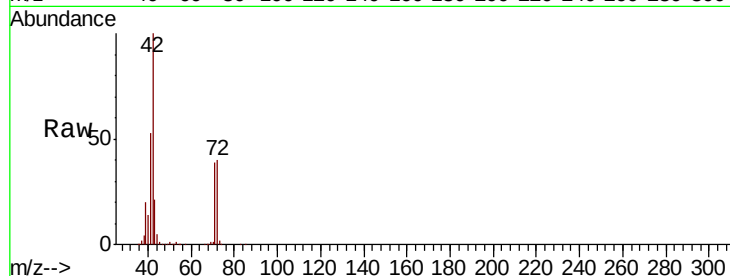
Tgt Ion: 42 Resp: 169709

Ion Ratio Lower Upper

42 100

72 43.0 37.6 56.4

71 40.1 34.6 51.8



#30

Chloroform

Concen: 17.411 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007810.D

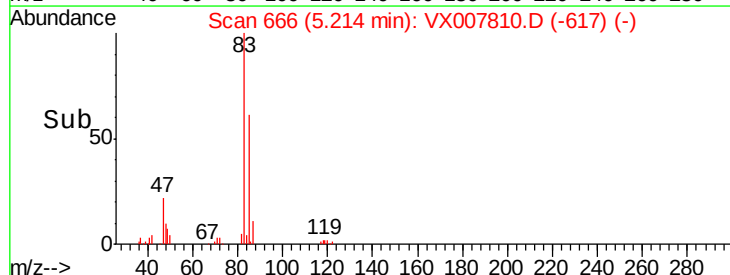
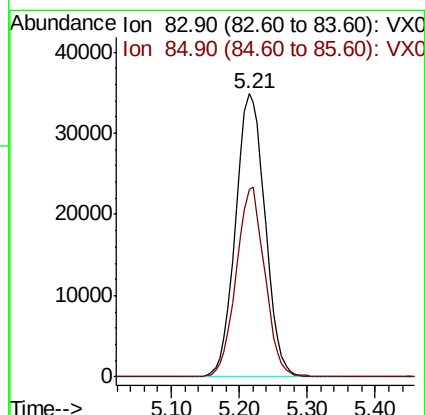
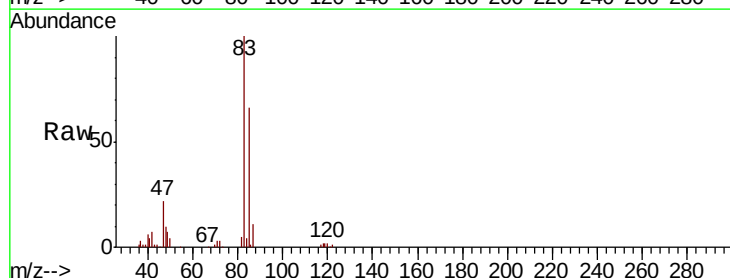
Acq: 04 Mar 2019 15:02

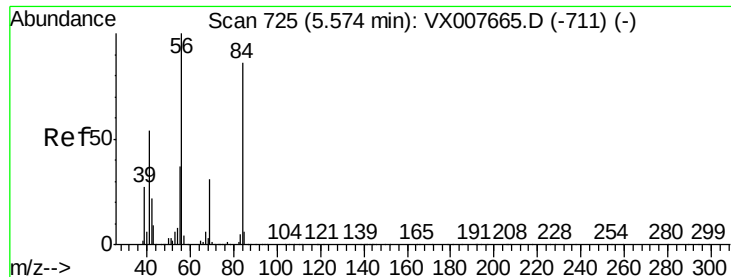
Tgt Ion: 83 Resp: 105137

Ion Ratio Lower Upper

83 100

85 66.4 51.6 77.4

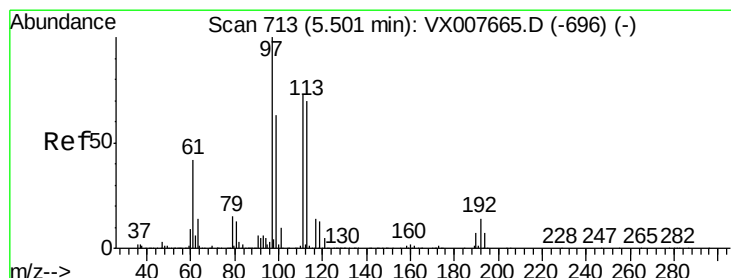
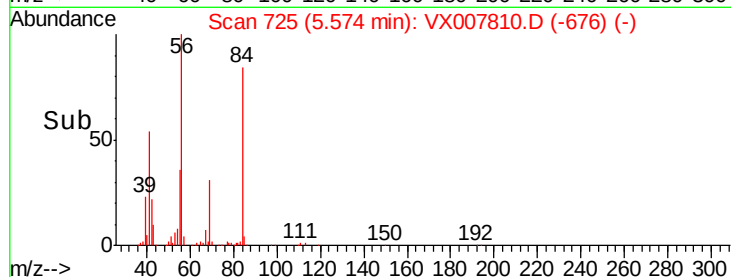
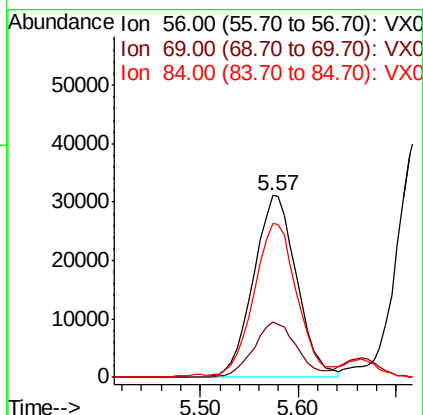
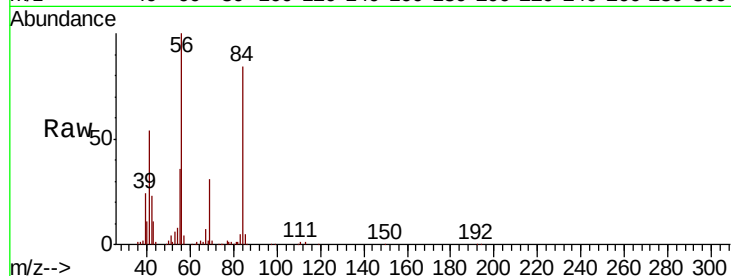




#31
Cyclohexane
Concen: 18.084 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

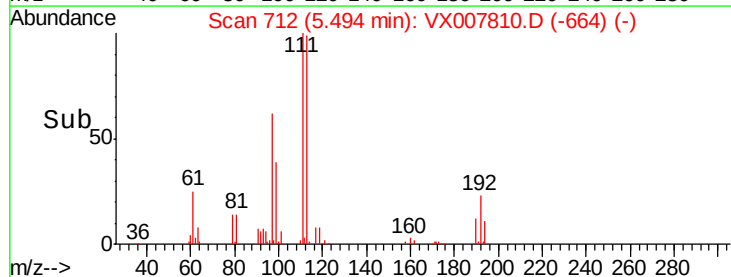
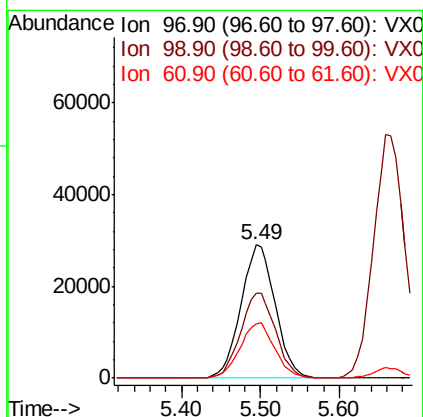
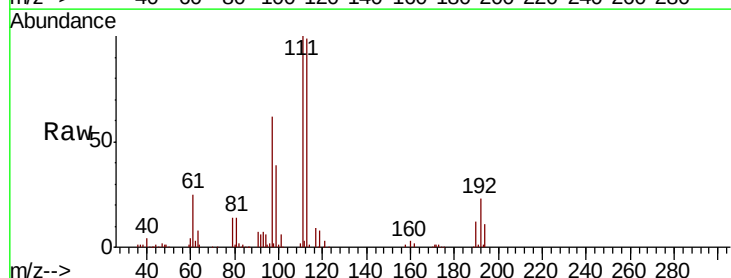
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

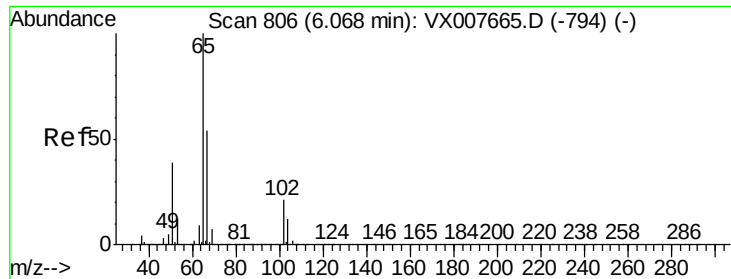
Tgt Ion: 56 Resp: 95893
Ion Ratio Lower Upper
56 100
69 30.6 23.0 34.6
84 83.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 17.517 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 97 Resp: 87478
Ion Ratio Lower Upper
97 100
99 64.8 52.2 78.2
61 42.4 32.7 49.1

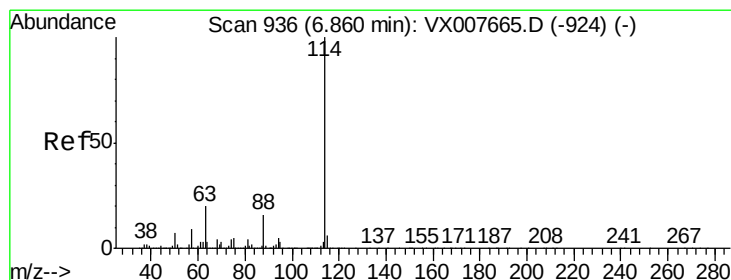
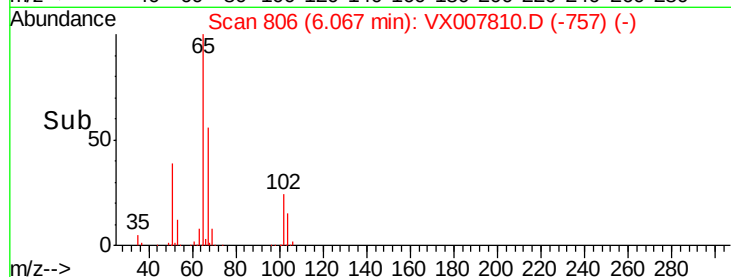
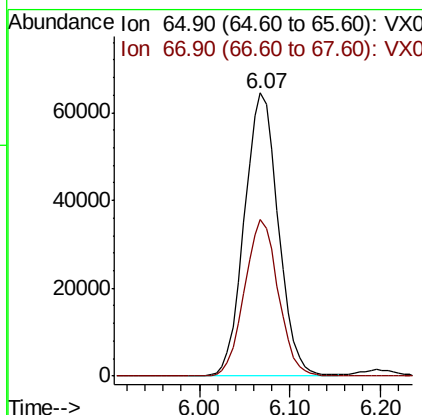
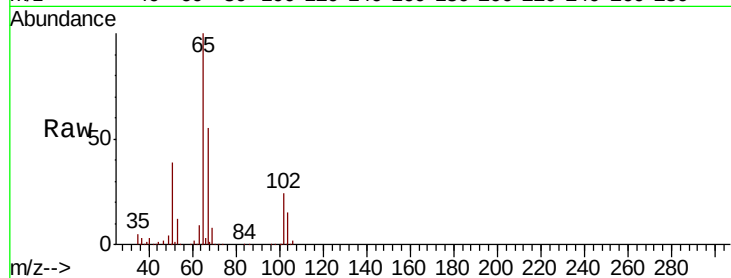




#33
 1,2-Dichloroethane-d4
 Concen: 43.788 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

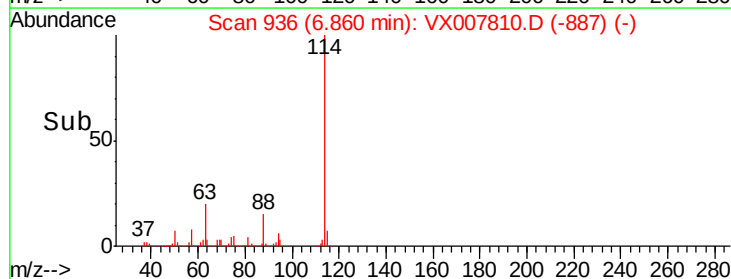
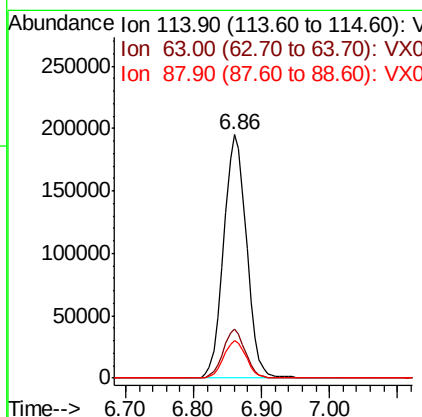
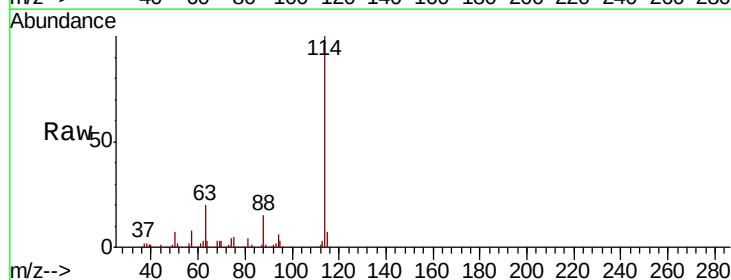
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

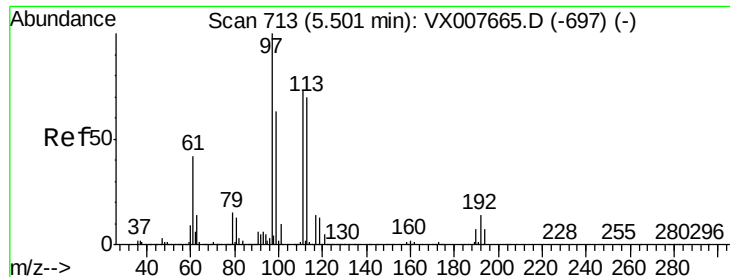
Tgt Ion: 65 Resp: 167098
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion: 114 Resp: 454589
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 35.6
 88 15.2 0.0 29.6

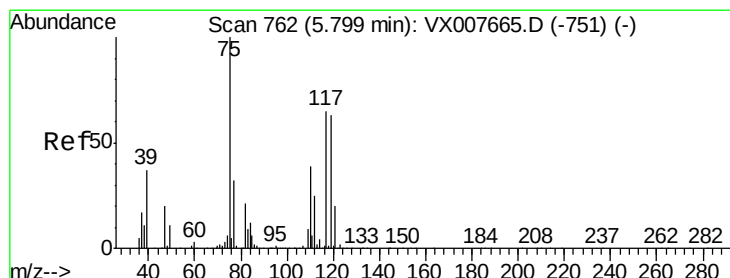
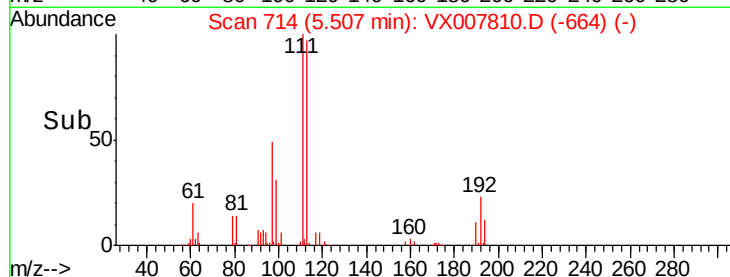
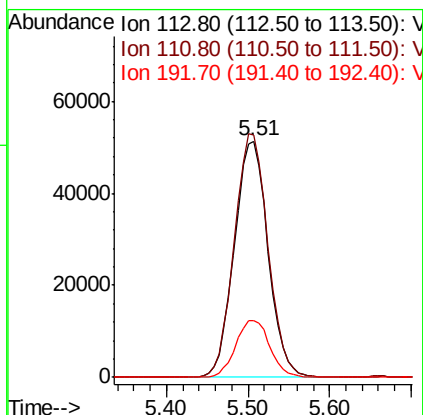
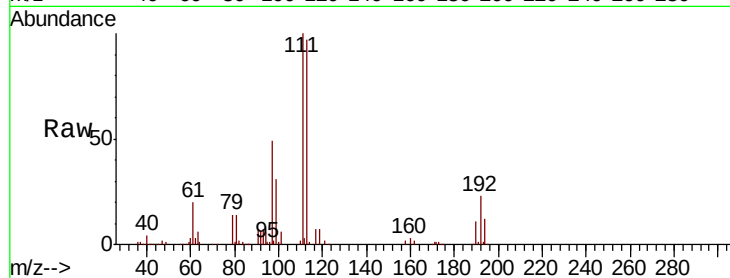




#35
 Dibromofluoromethane
 Concen: 48.354 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

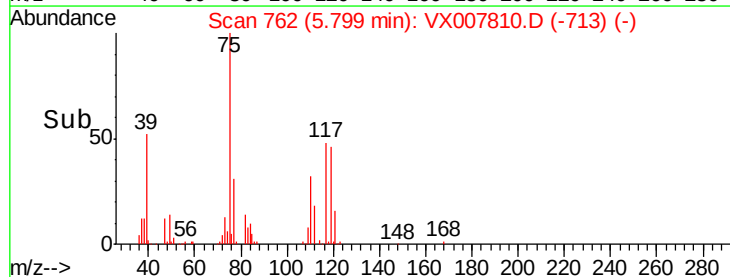
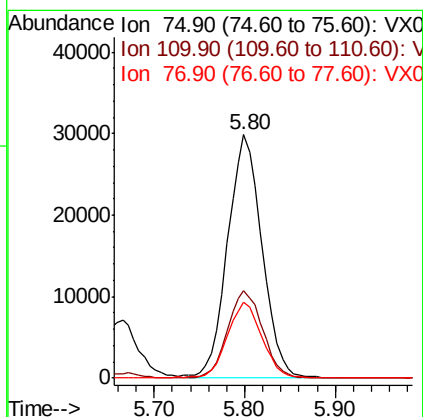
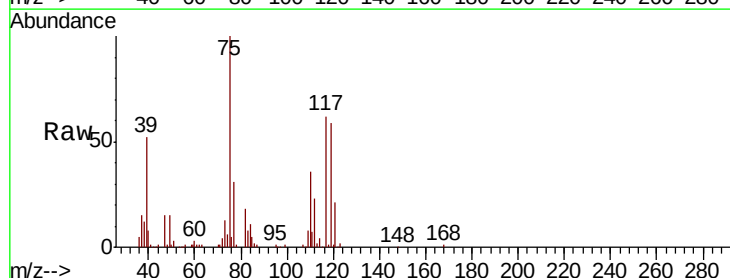
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

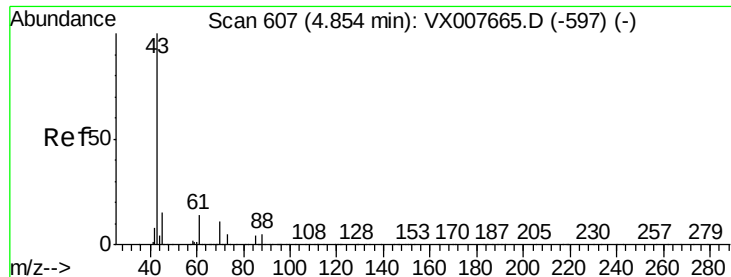
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	24.5	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 19.131 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	20.0	59.9
77	30.7	24.7	37.1

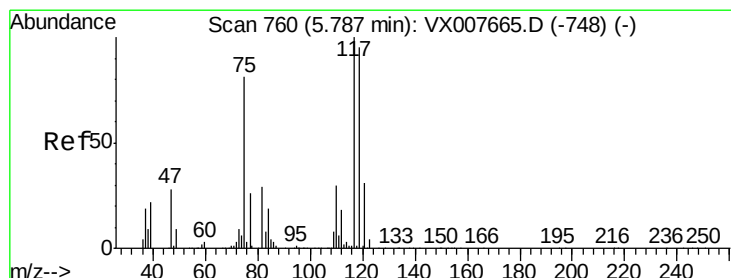
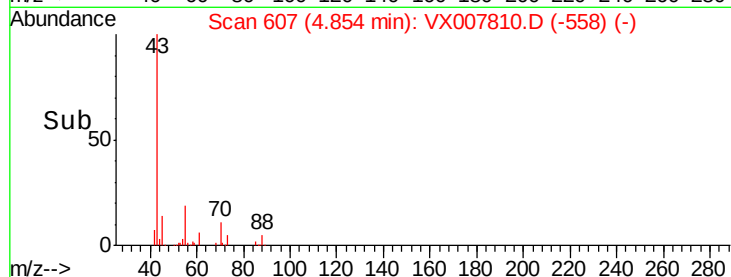
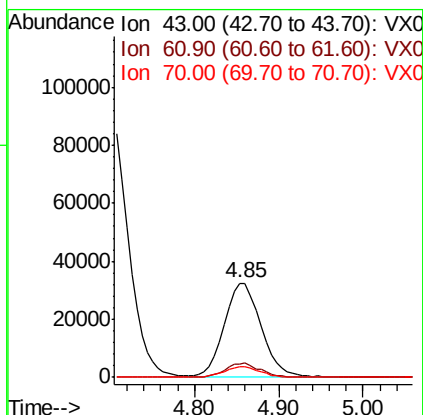
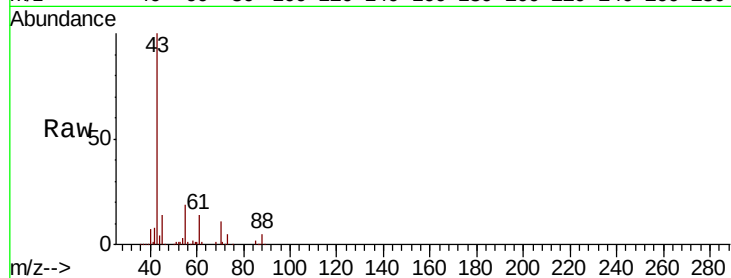




#37
Ethyl Acetate
Concen: 21.162 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

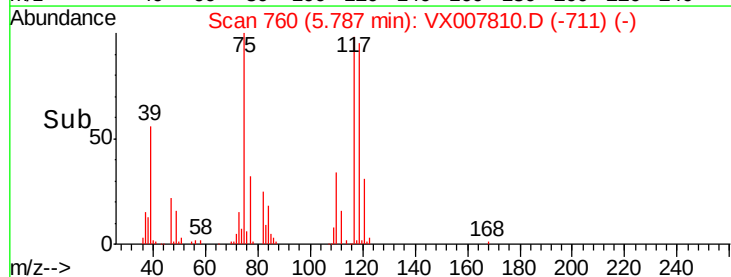
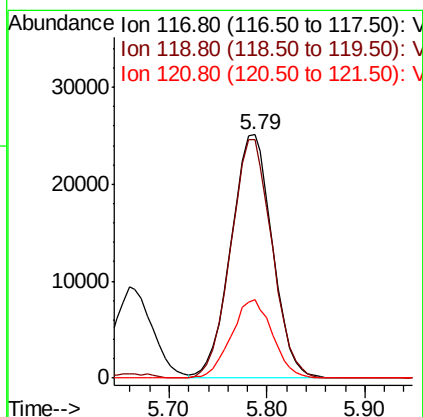
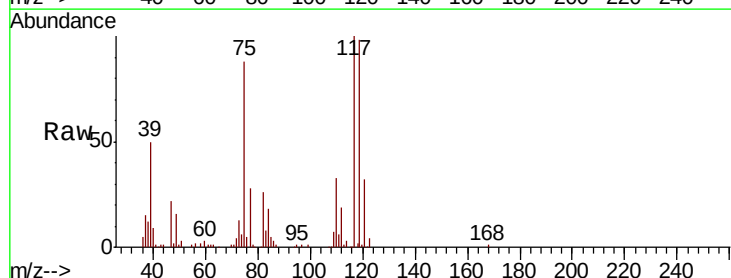
Instrument :
MSVOA_X
ClientSampled :
VX0304WBS01

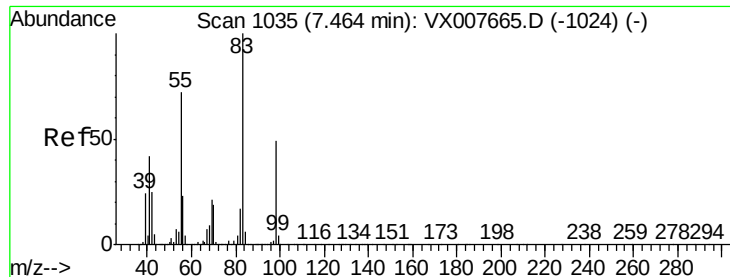
Tgt Ion: 43 Resp: 96072
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 10.9 8.6 13.0



#38
Carbon Tetrachloride
Concen: 18.002 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 117 Resp: 73903
Ion Ratio Lower Upper
117 100
119 97.9 75.3 112.9
121 32.4 25.0 37.4

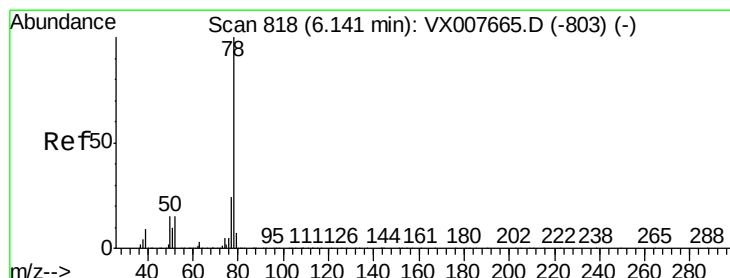
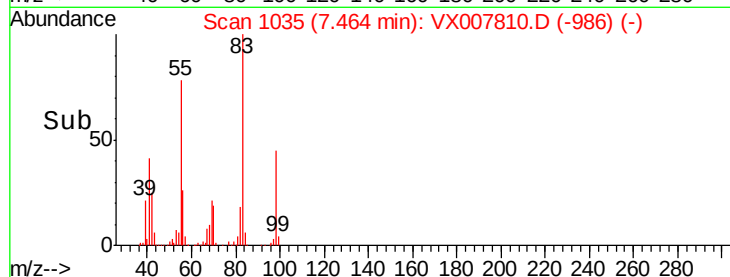
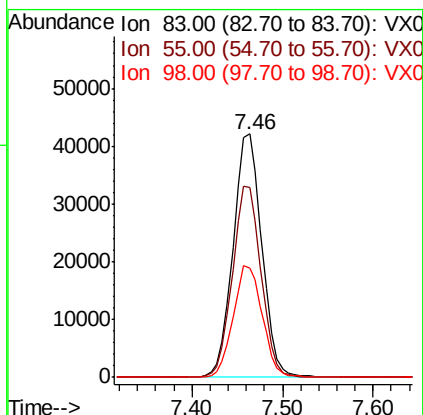
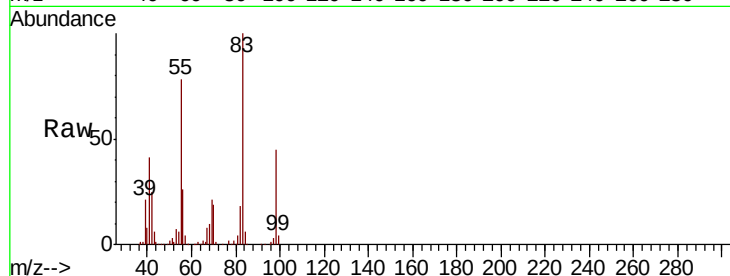




#39
Methylcyclohexane
Concen: 17.871 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

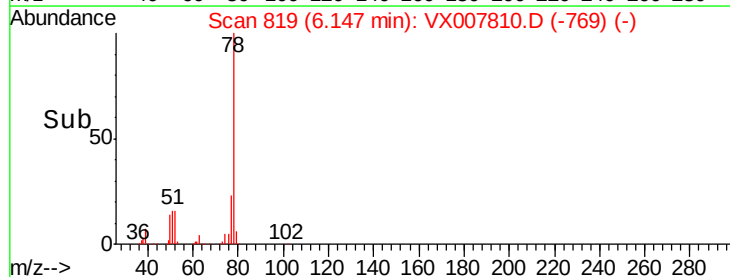
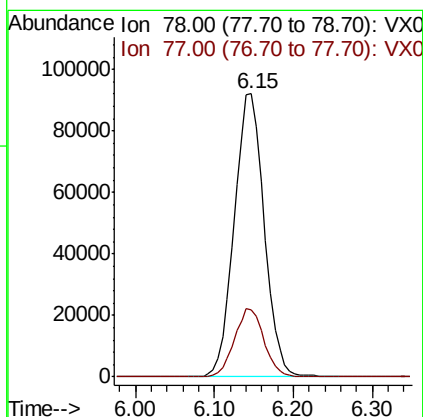
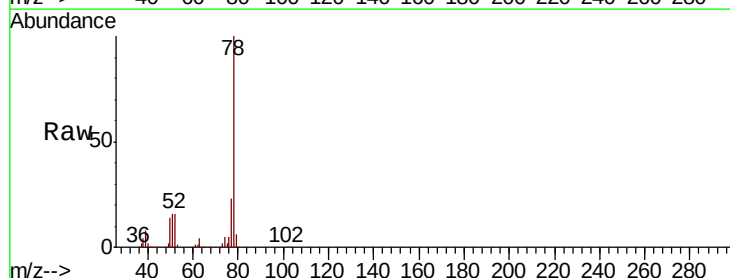
Instrument :
MSVOA_X
ClientSampled :
VX0304WBS01

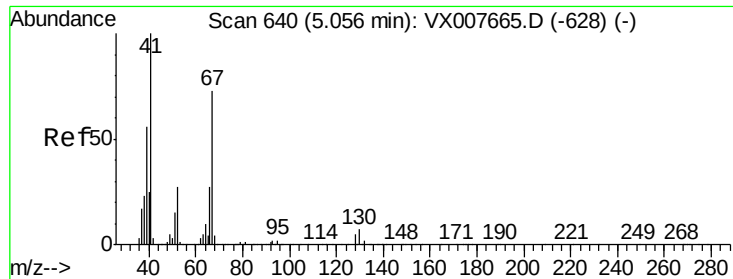
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.0	56.2	84.2
98	44.9	36.8	55.2



#40
Benzene
Concen: 19.335 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

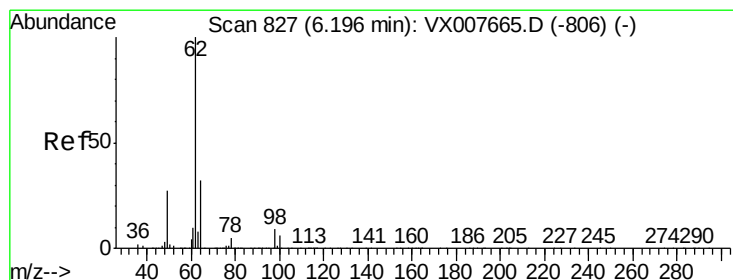
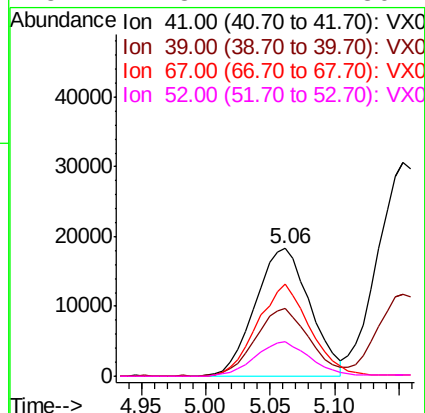
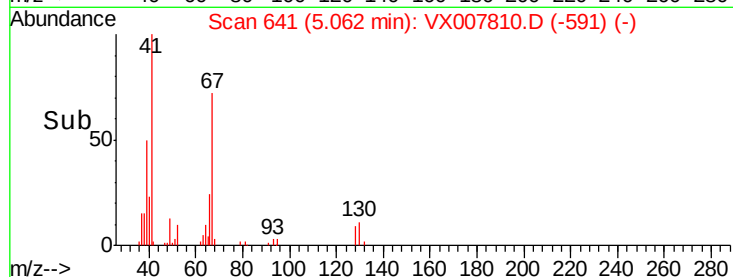
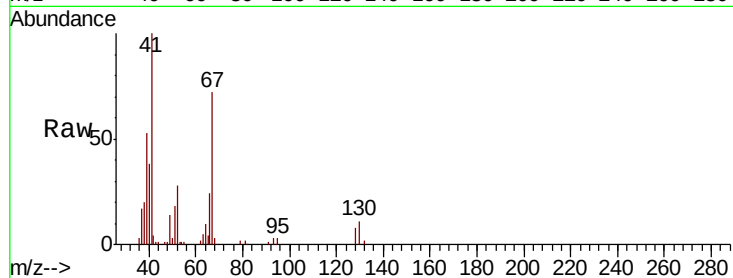




#41
Methacrylonitrile
Concen: 22.200 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

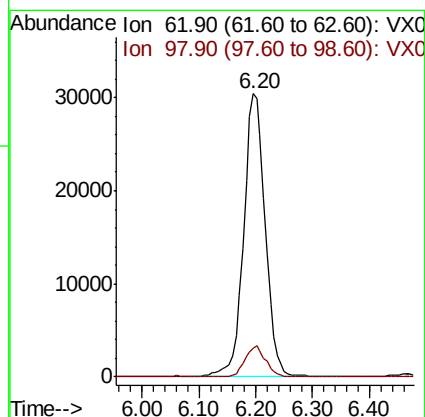
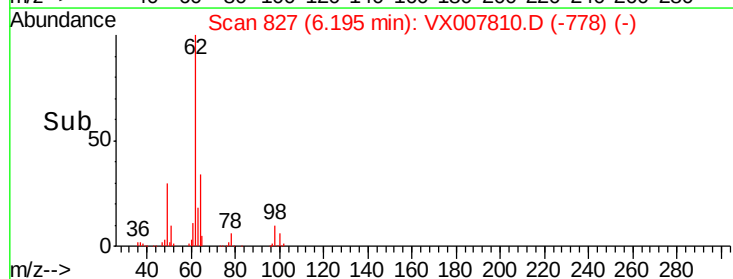
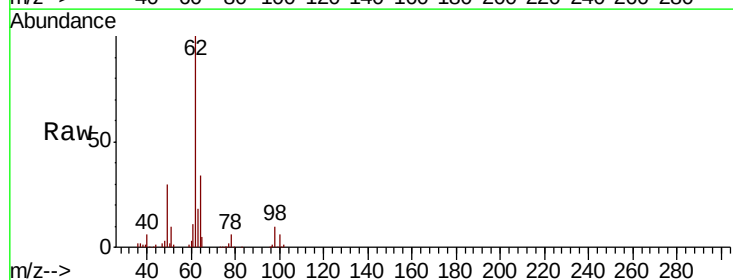
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

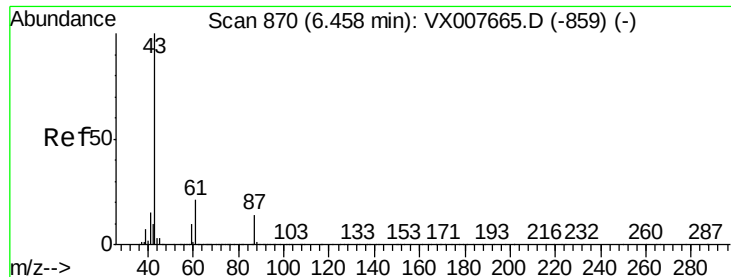
Tgt Ion:	41	Resp:	53817
Ion	Ratio	Lower	Upper
41	100		
39	52.6	44.5	66.7
67	70.2	60.4	90.6
52	27.8	24.1	36.1



#42
1,2-Dichloroethane
Concen: 19.031 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion:	62	Resp:	80700
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 20.960 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

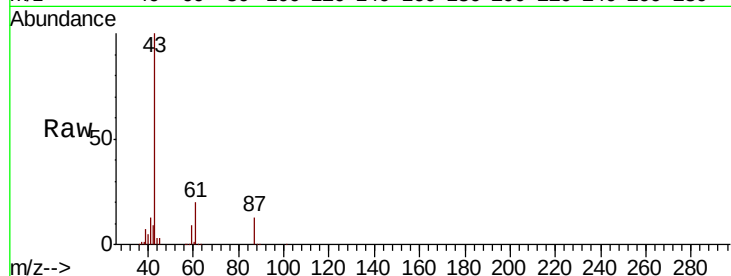
Tgt Ion: 43 Resp: 146449

Ion Ratio Lower Upper

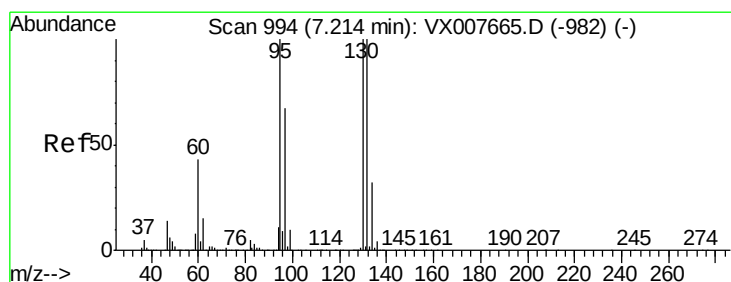
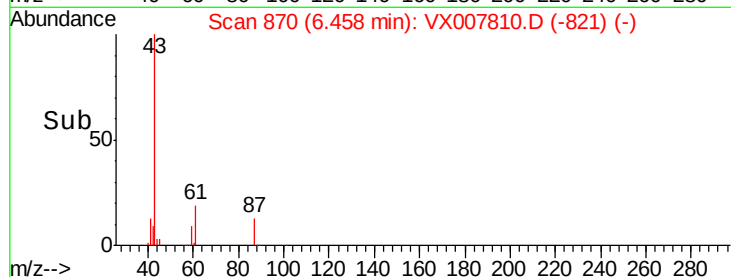
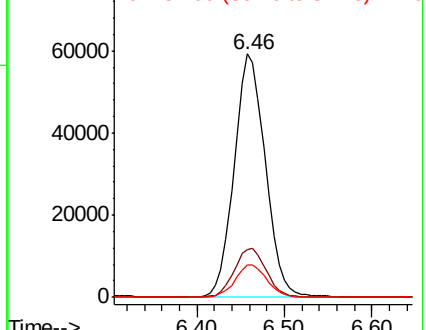
43 100

61 20.8 16.1 24.1

87 13.6 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.104 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007810.D

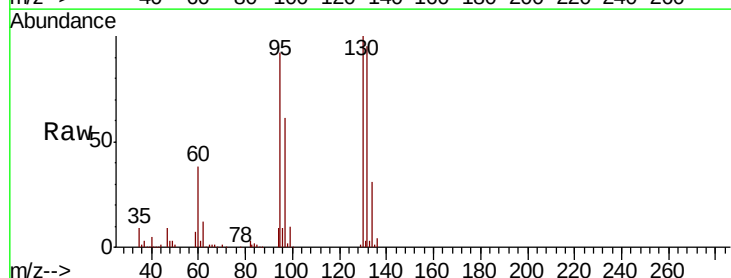
Acq: 04 Mar 2019 15:02

Tgt Ion: 130 Resp: 66302

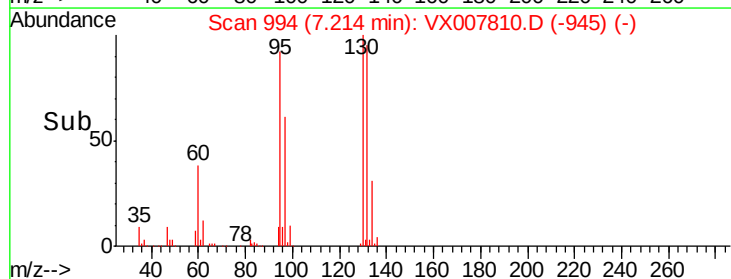
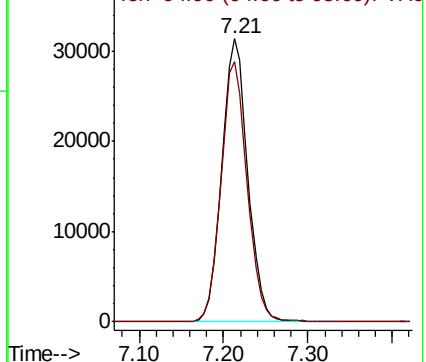
Ion Ratio Lower Upper

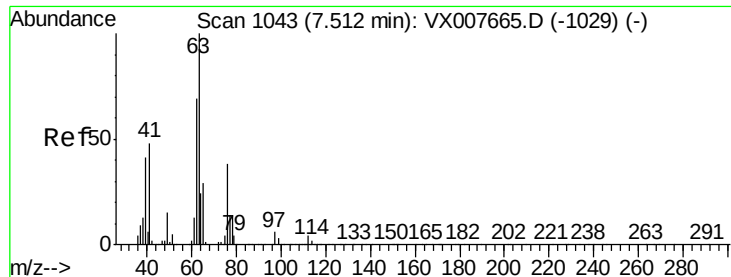
130 100

95 92.0 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.994 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

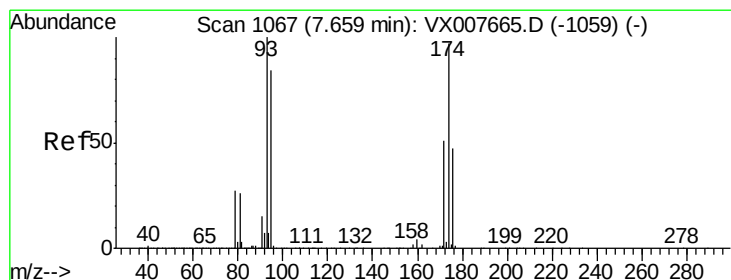
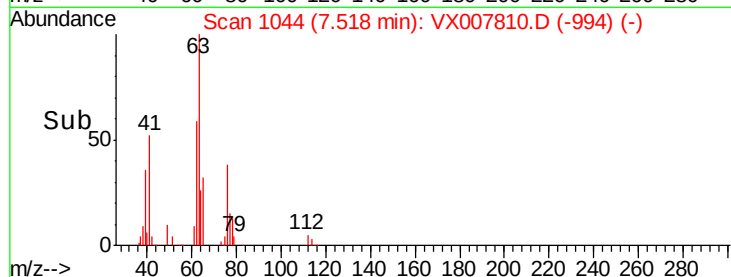
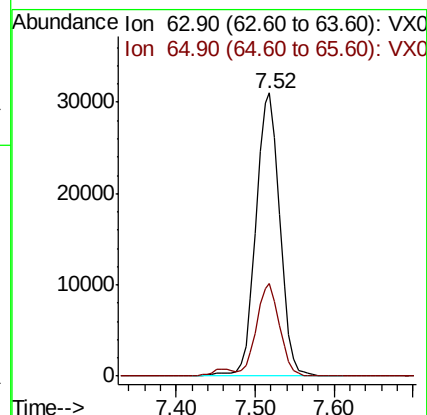
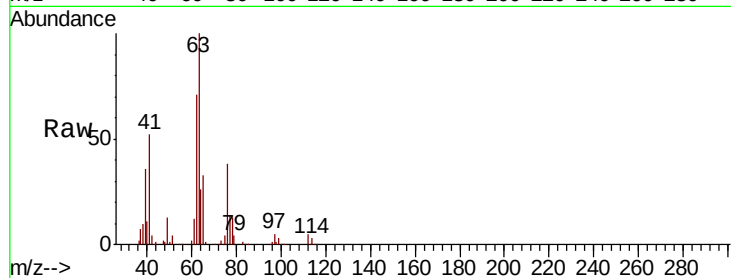
VX0304WBS01

Tgt Ion: 63 Resp: 65343

Ion Ratio Lower Upper

63 100

65 32.9 24.2 36.2



#46

Dibromomethane

Concen: 18.011 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

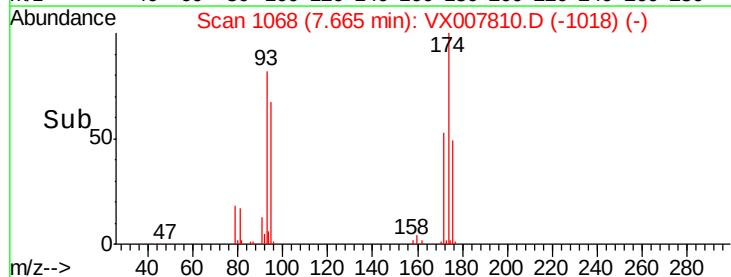
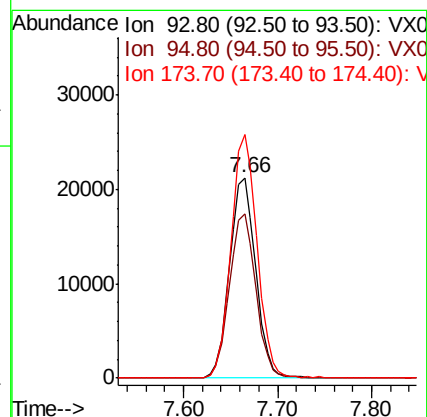
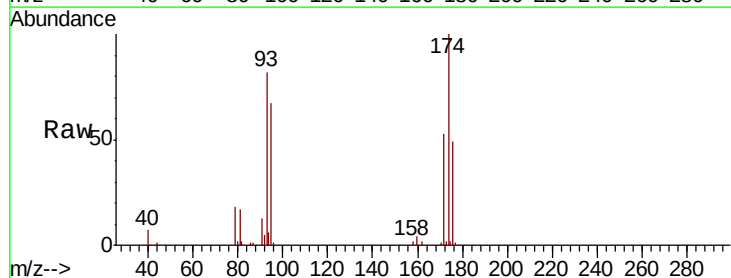
Tgt Ion: 93 Resp: 41063

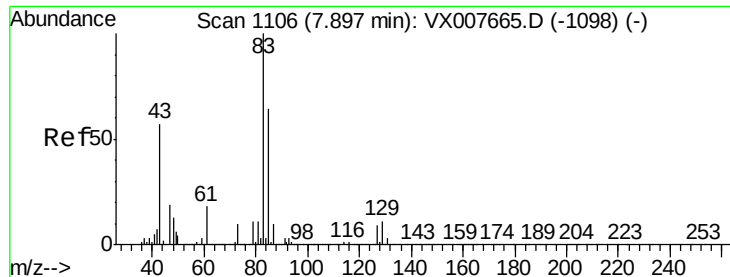
Ion Ratio Lower Upper

93 100

95 82.9 67.6 101.4

174 121.1 94.2 141.4





#47

Bromodichloromethane

Concen: 18.993 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

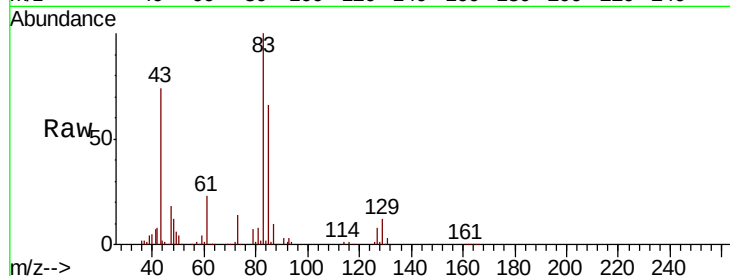
Tgt Ion: 83 Resp: 75043

Ion Ratio Lower Upper

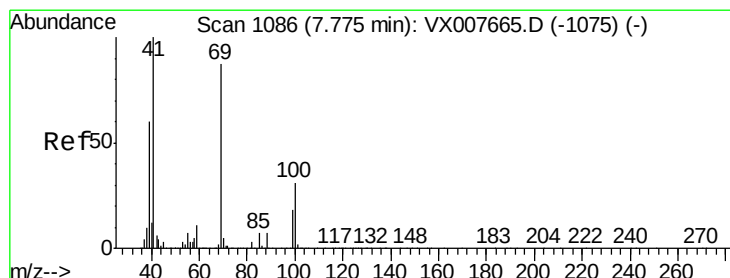
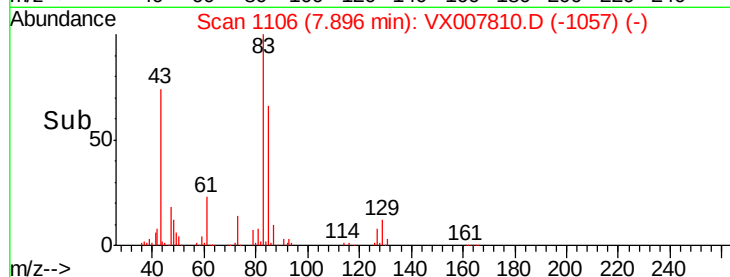
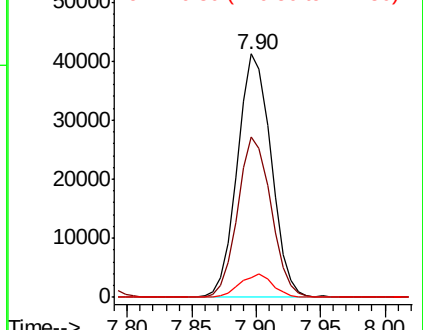
83 100

85 65.7 51.4 77.0

127 8.1 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.876 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

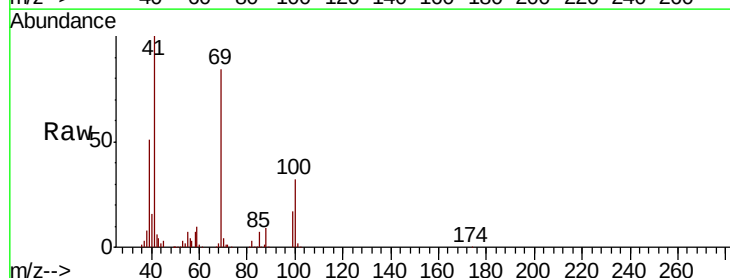
Tgt Ion: 41 Resp: 76460

Ion Ratio Lower Upper

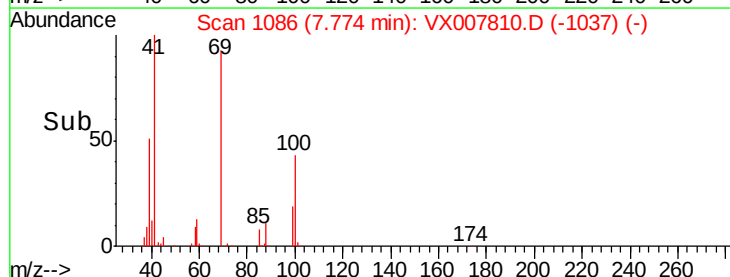
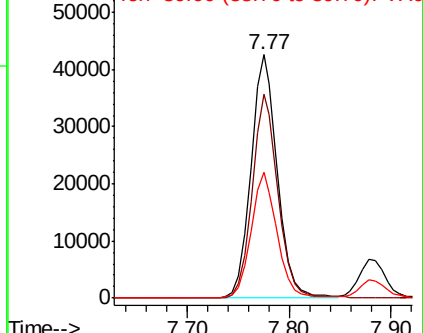
41 100

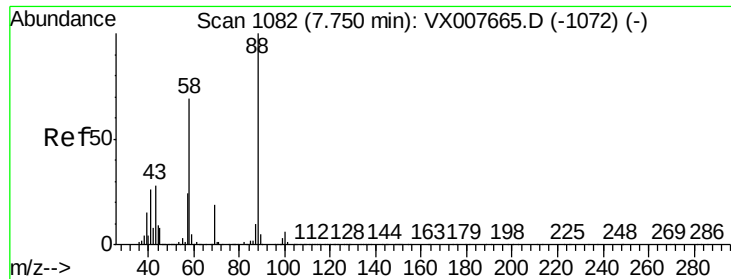
69 82.6 70.2 105.4

39 51.2 47.4 71.0



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

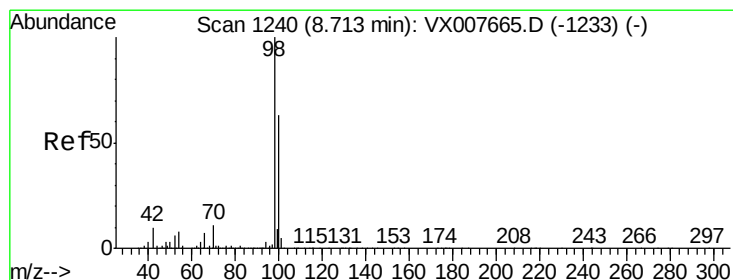
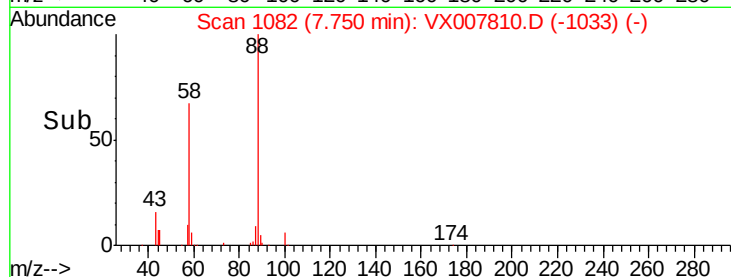
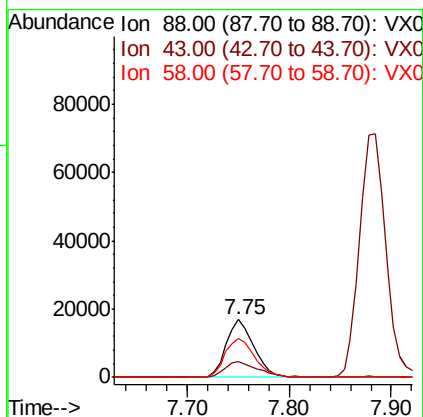
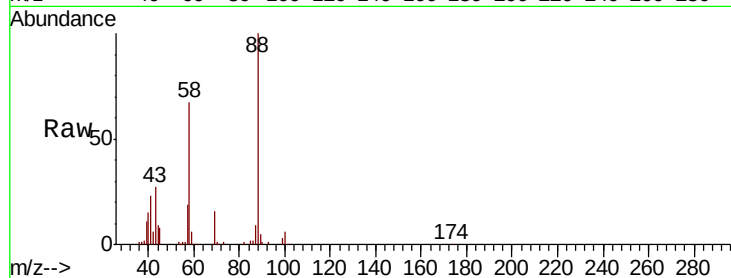




#49
1,4-Dioxane
Concen: 403.452 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

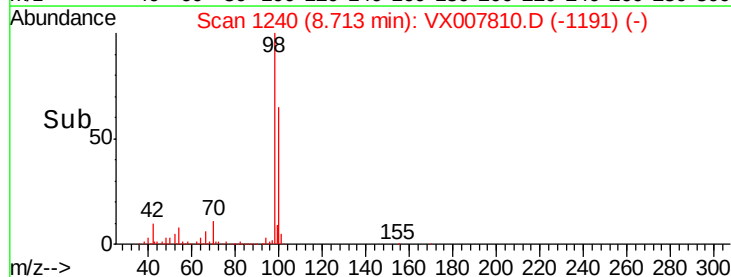
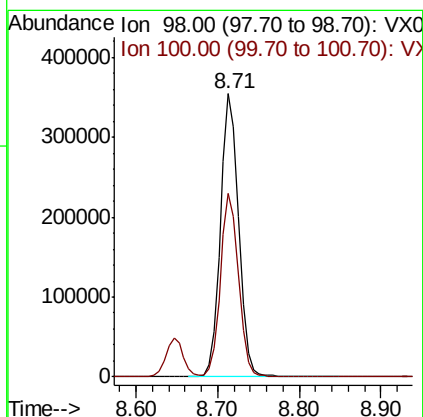
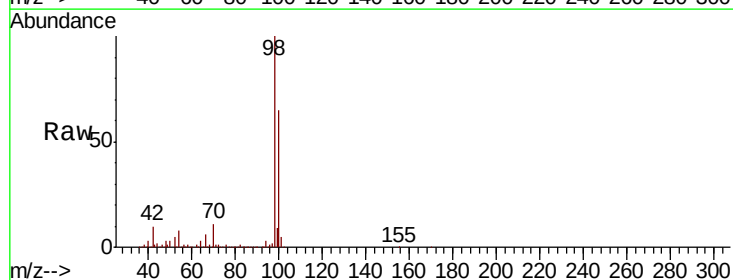
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

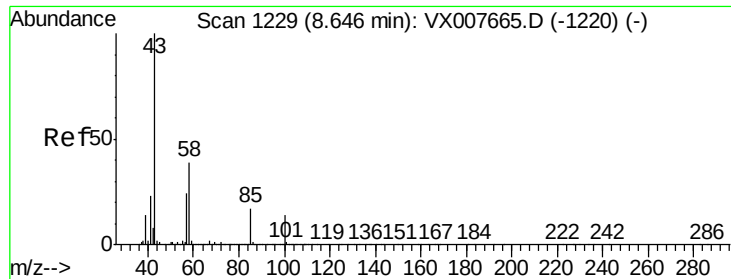
Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.2	36.4
58	72.6	53.0	79.4



#50
Toluene-d8
Concen: 47.288 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4

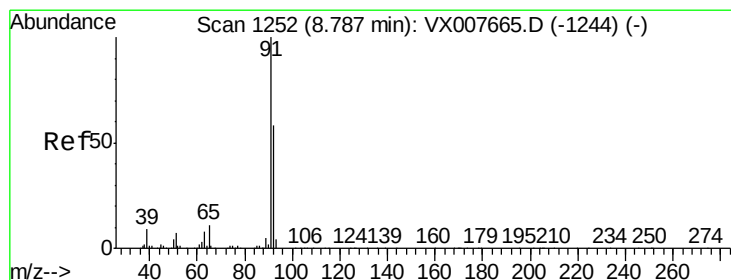
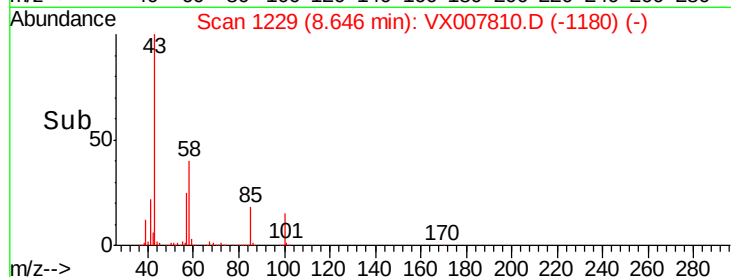
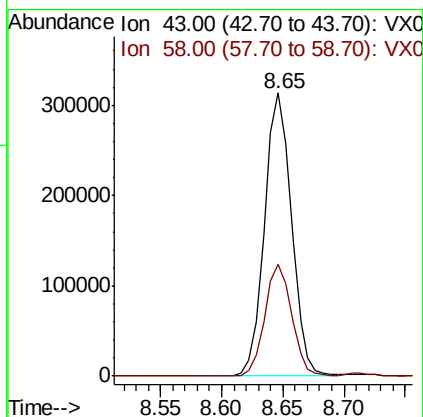
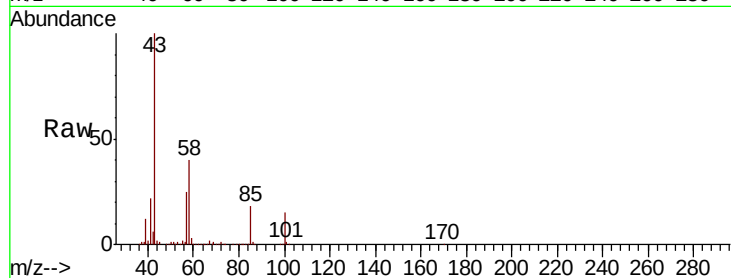




#51
 4-Methyl-2-Pentanone
 Concen: 103.288 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

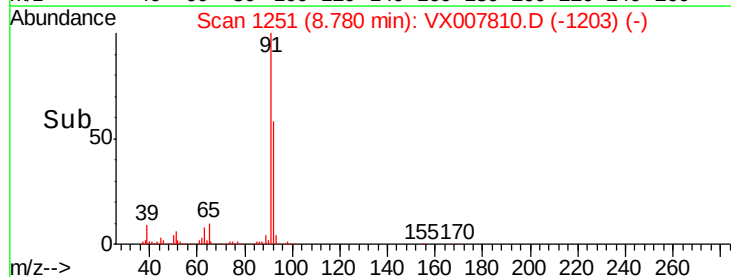
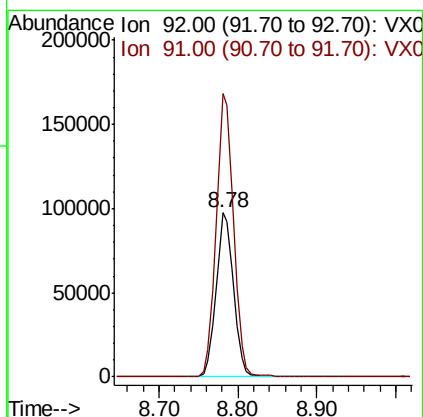
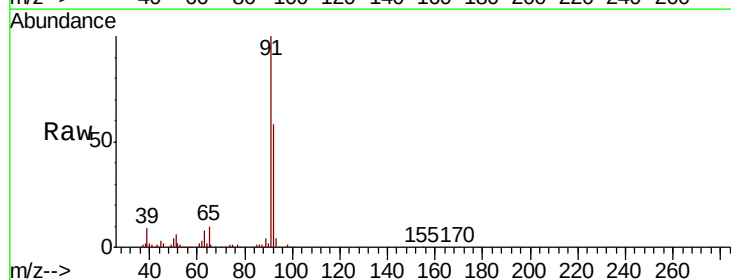
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

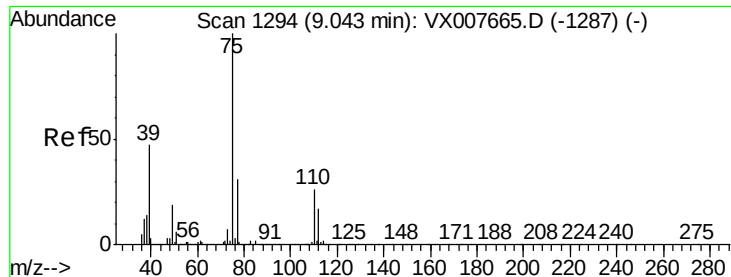
Tgt Ion: 43 Resp: 483084
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.2 46.8



#52
 Toluene
 Concen: 18.833 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion: 92 Resp: 149826
 Ion Ratio Lower Upper
 92 100
 91 172.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 18.577 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

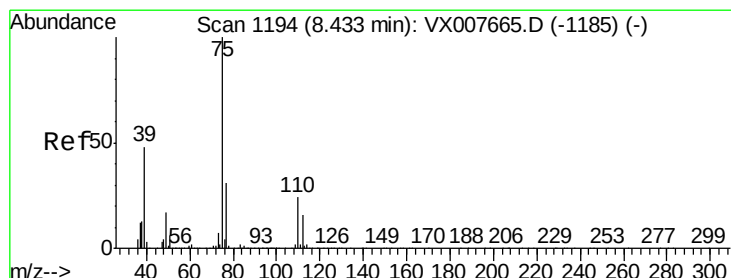
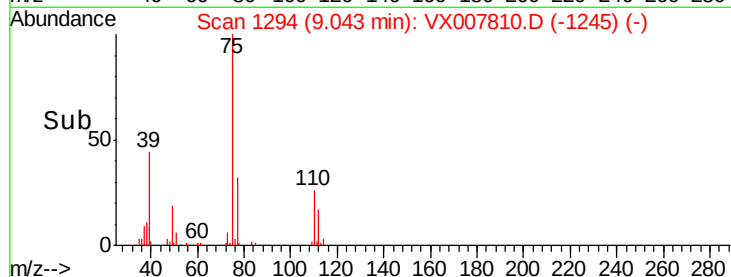
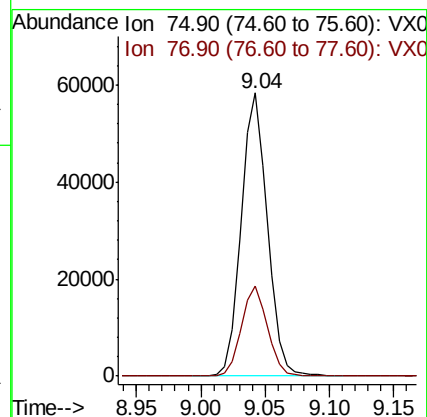
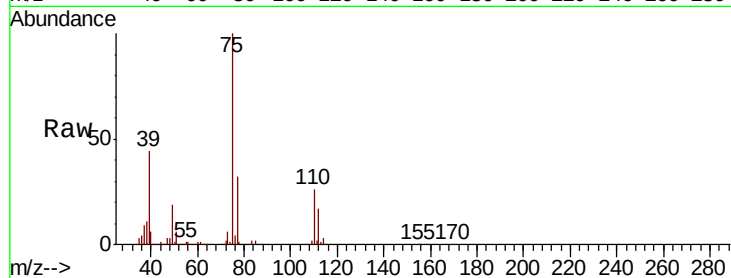
VX0304WBS01

Tgt Ion: 75 Resp: 82084

Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.527 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

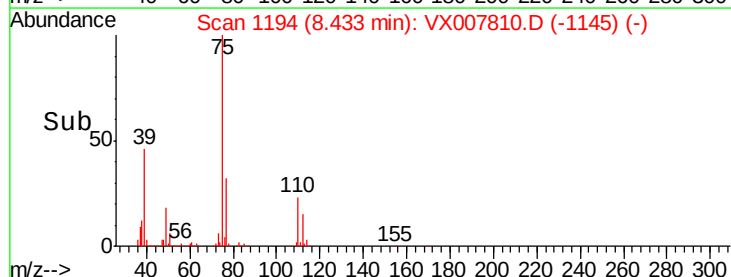
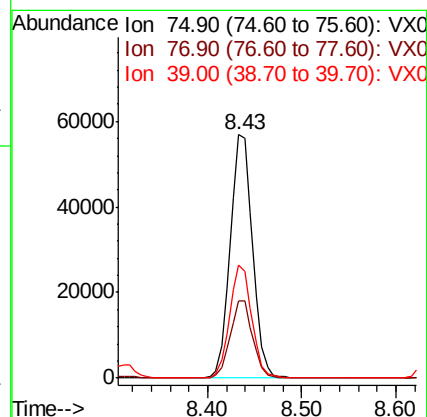
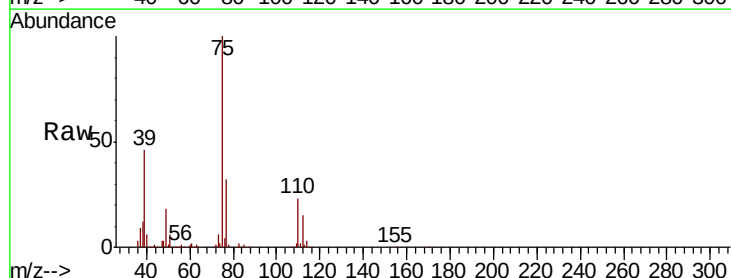
Tgt Ion: 75 Resp: 93628

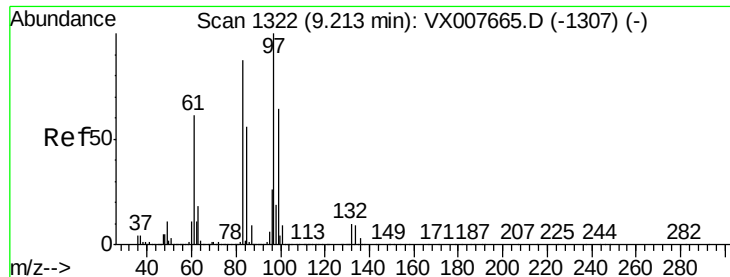
Ion Ratio Lower Upper

75 100

77 32.0 26.2 39.4

39 46.2 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 19.028 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tgt Ion: 97 Resp: 63125

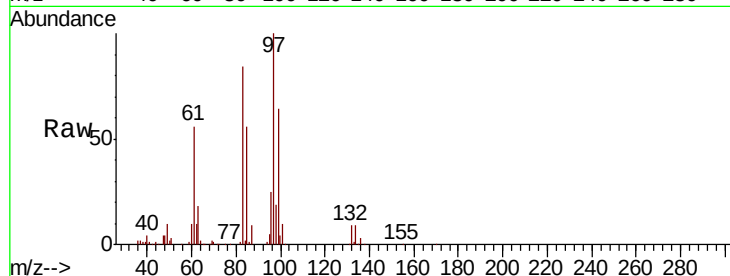
Ion Ratio Lower Upper

97 100

83 84.1 68.6 102.8

85 56.1 44.5 66.7

99 63.5 52.2 78.4

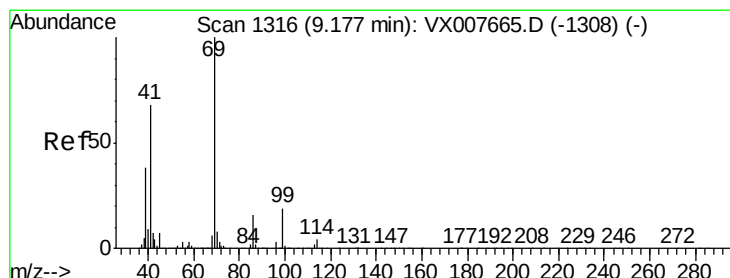
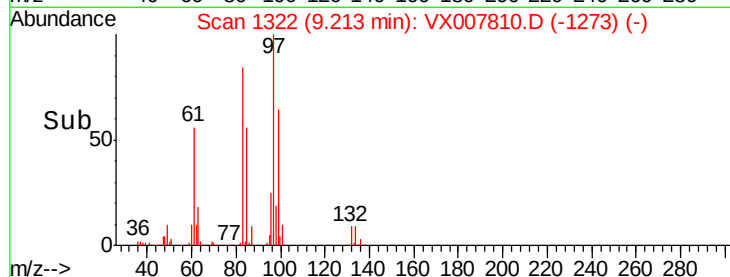
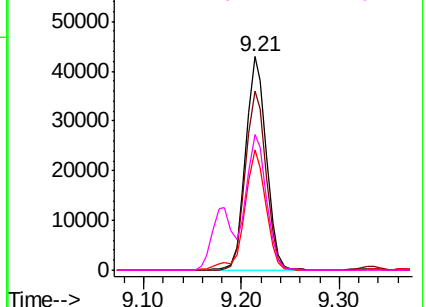


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.300 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

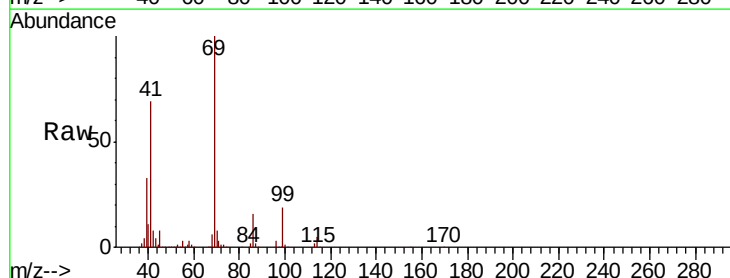
Tgt Ion: 69 Resp: 95768

Ion Ratio Lower Upper

69 100

41 66.8 52.1 78.1

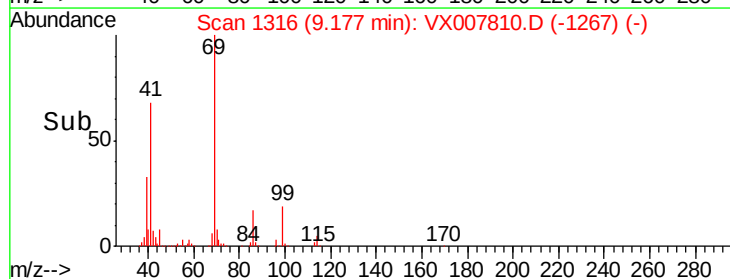
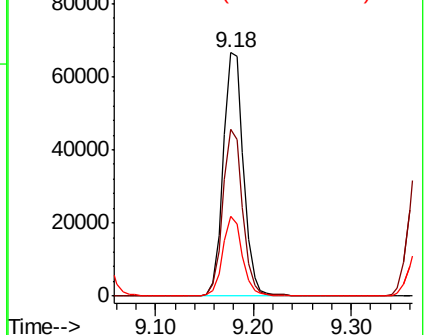
39 32.2 30.1 45.1

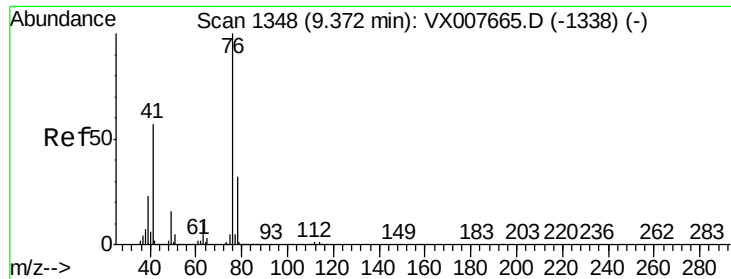


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.470 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

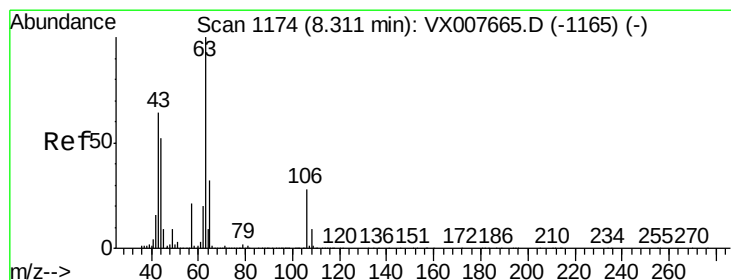
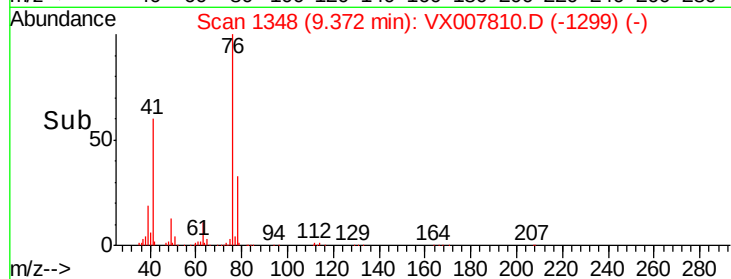
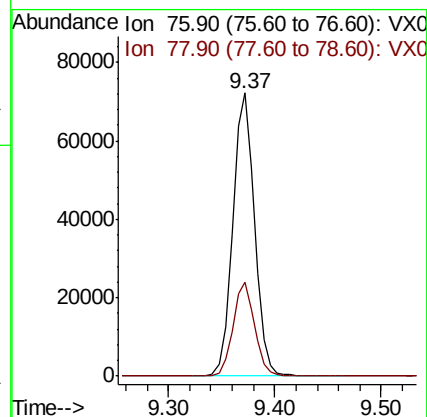
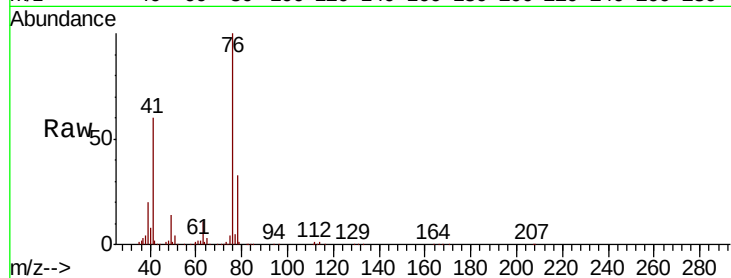
VX0304WBS01

Tgt Ion: 76 Resp: 103398

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 105.107 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007810.D

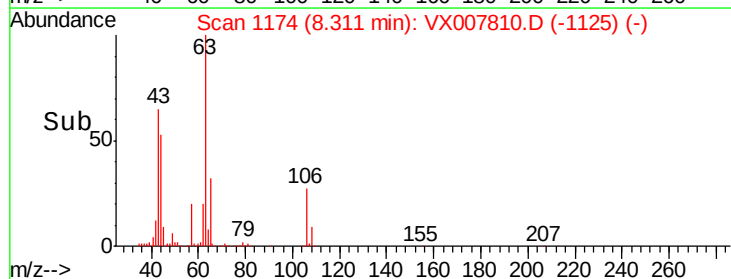
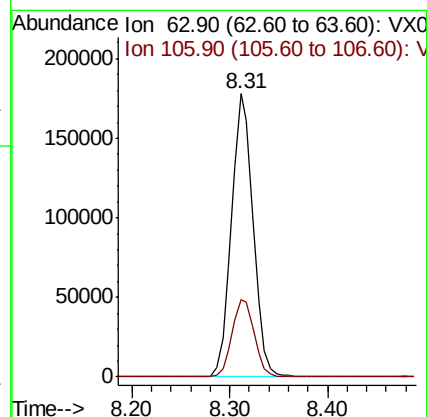
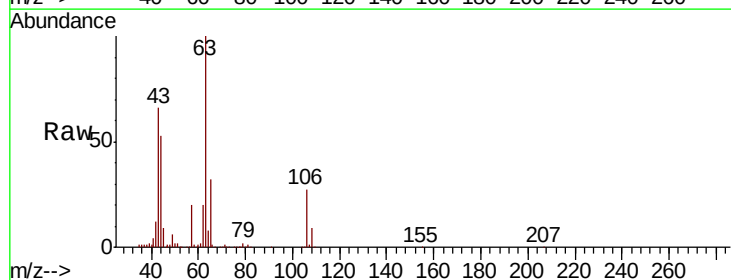
Acq: 04 Mar 2019 15:02

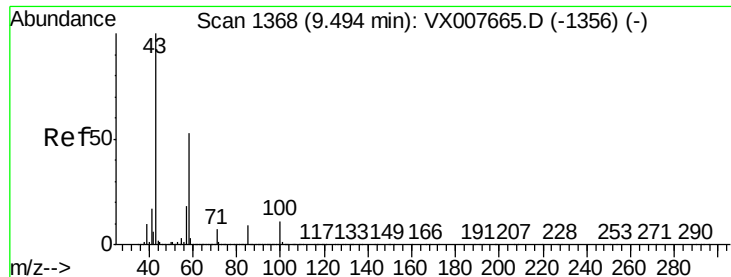
Tgt Ion: 63 Resp: 273443

Ion Ratio Lower Upper

63 100

106 28.1 23.6 35.4

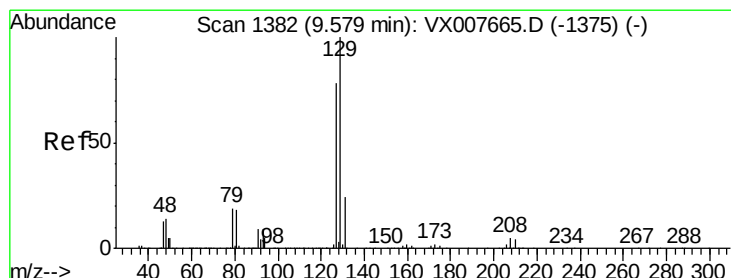
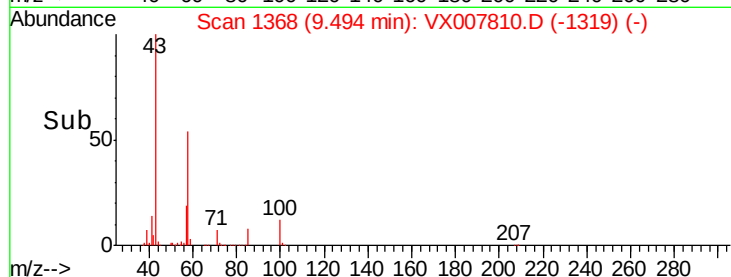
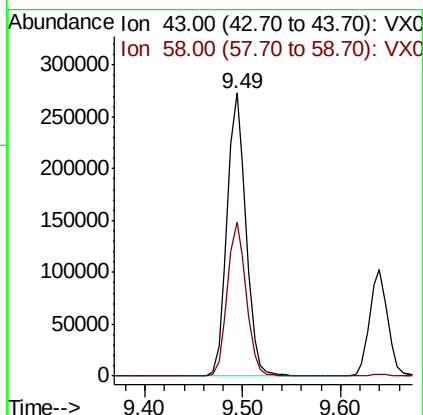
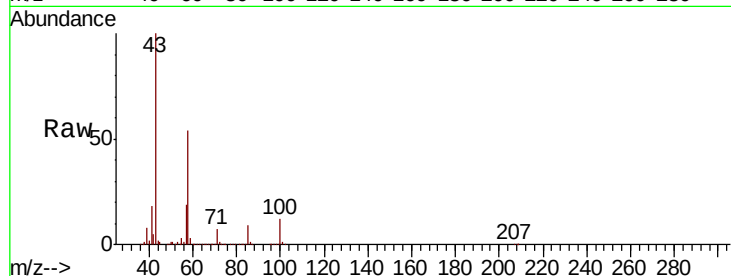




#59
2-Hexanone
Concen: 99.638 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

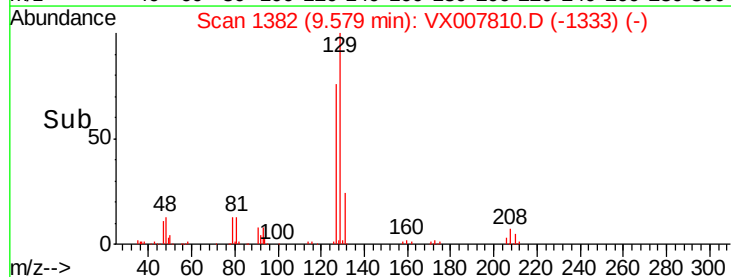
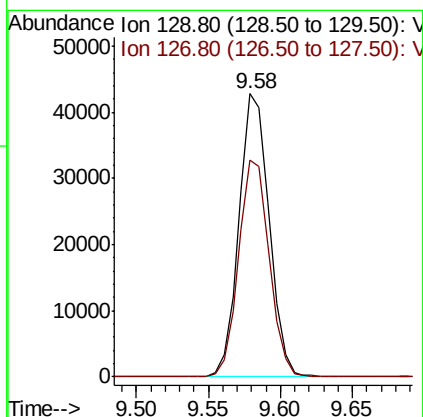
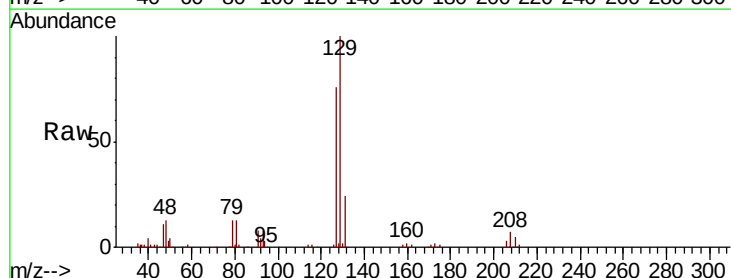
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

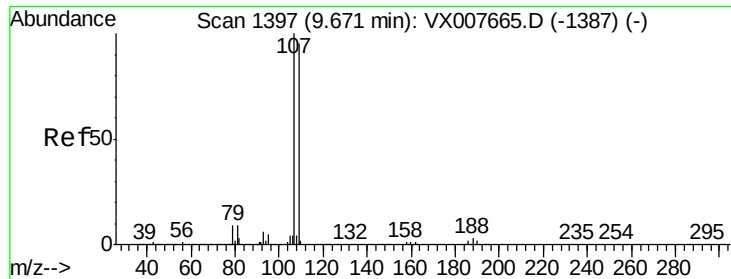
Tgt Ion: 43 Resp: 365863
Ion Ratio Lower Upper
43 100
58 54.7 27.1 81.3



#60
Dibromochloromethane
Concen: 19.466 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 129 Resp: 62139
Ion Ratio Lower Upper
129 100
127 77.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.024 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampled :

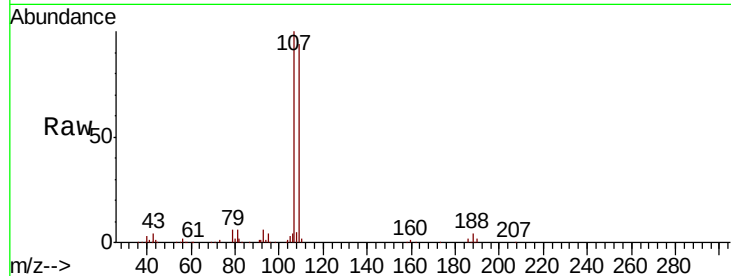
VX0304WBS01

Tgt Ion: 107 Resp: 65527

Ion Ratio Lower Upper

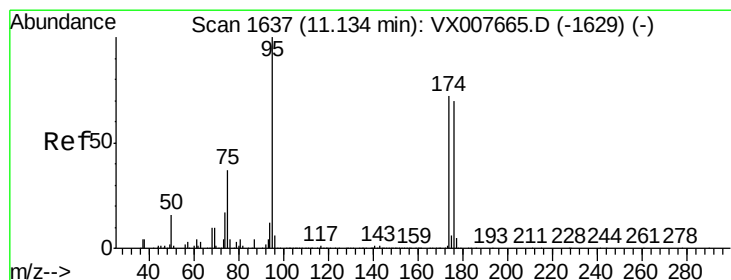
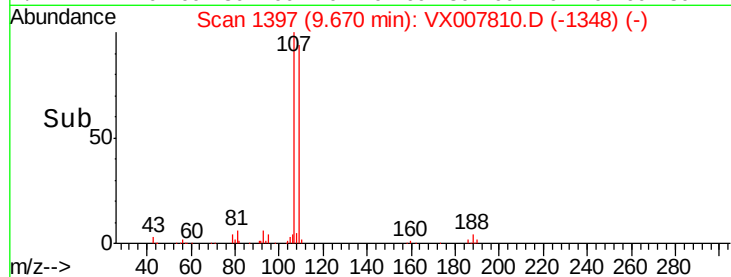
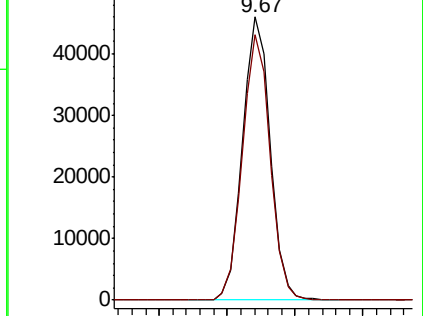
107 100

109 94.1 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.079 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

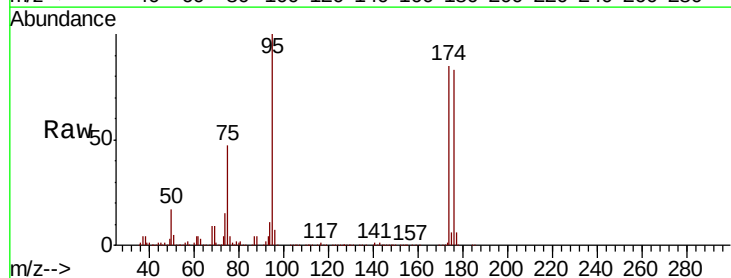
Tgt Ion: 95 Resp: 196754

Ion Ratio Lower Upper

95 100

174 92.6 0.0 189.2

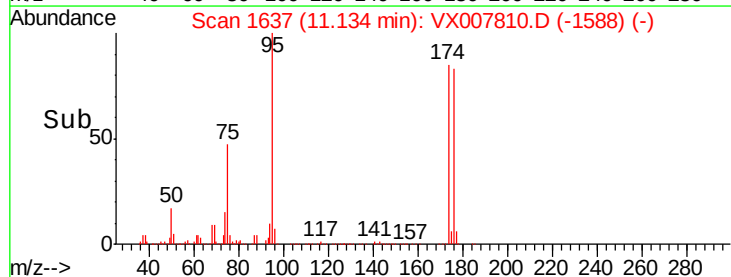
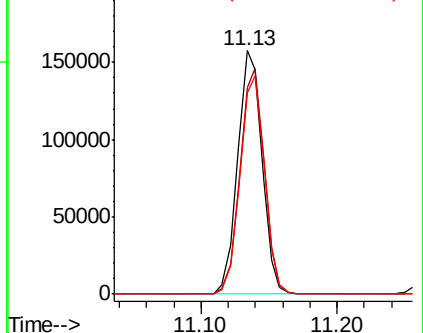
176 89.8 0.0 186.2

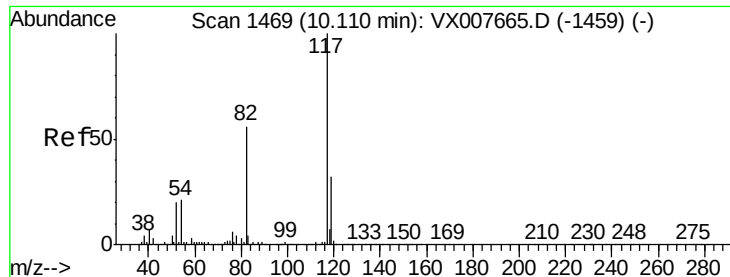


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

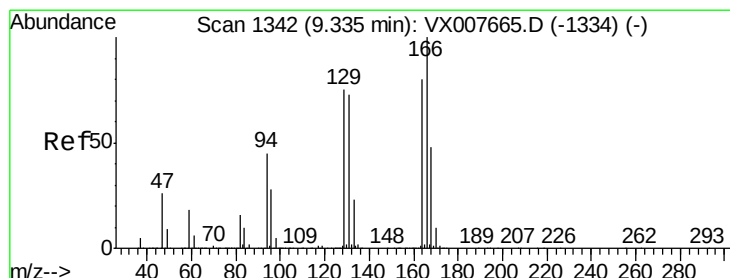
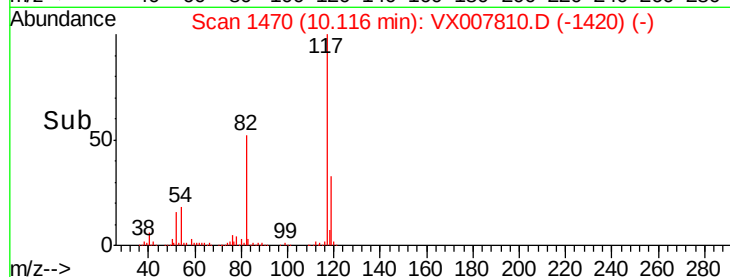
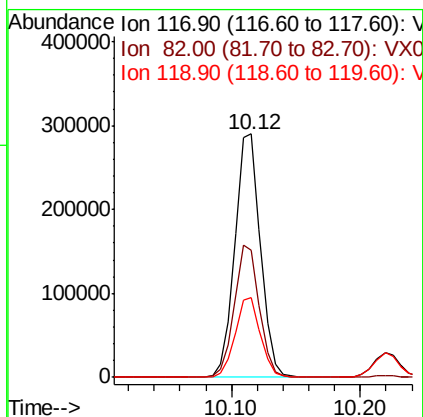
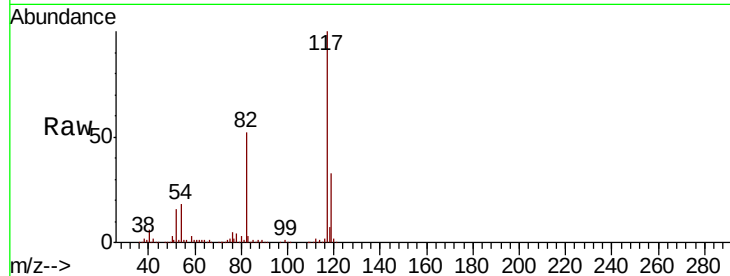




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

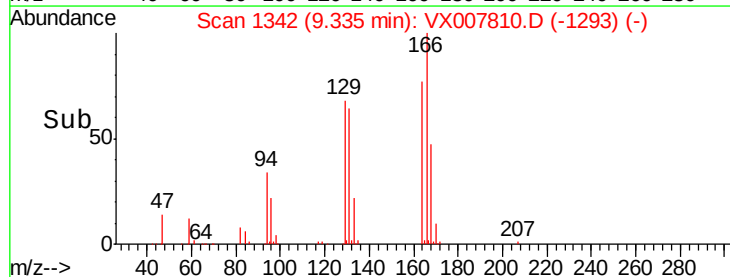
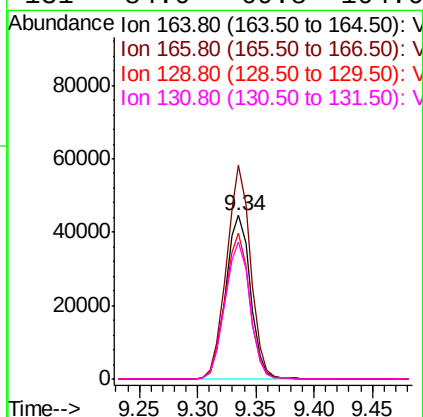
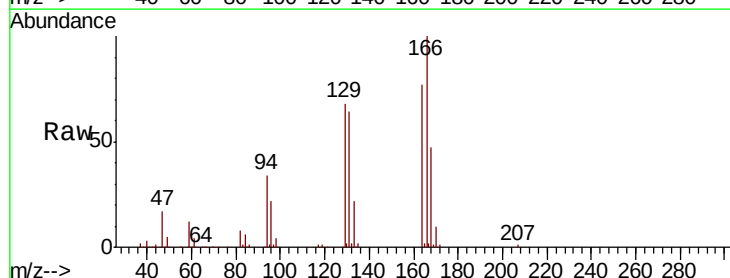
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

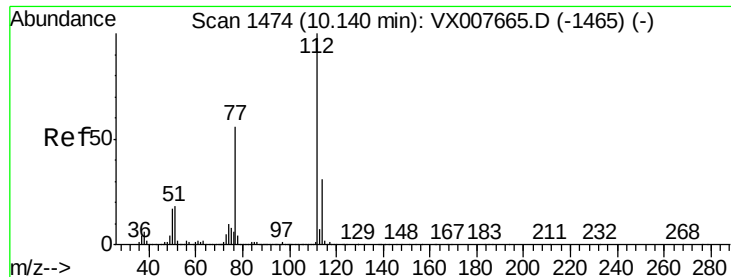
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.1	63.1
119	32.6	26.5	39.7



#64
Tetrachloroethene
Concen: 20.159 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	101.0	151.4
129	88.9	70.5	105.7
131	84.0	69.8	104.6

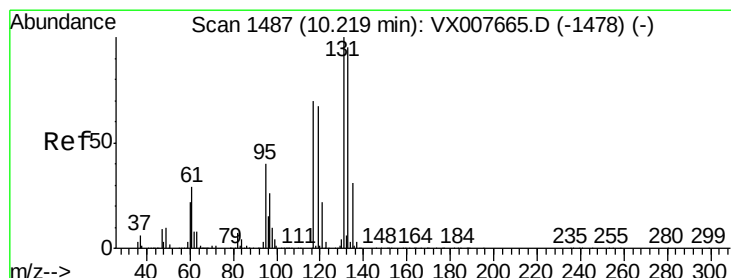
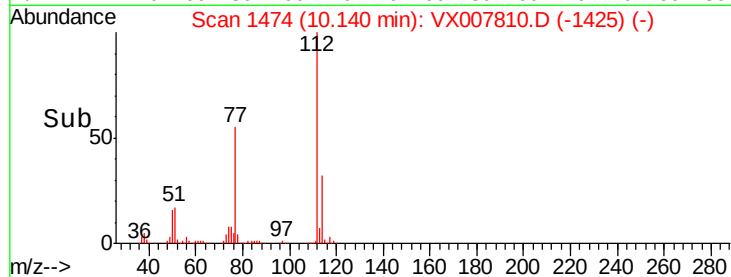
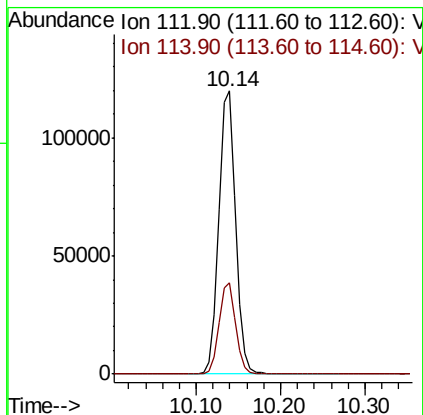
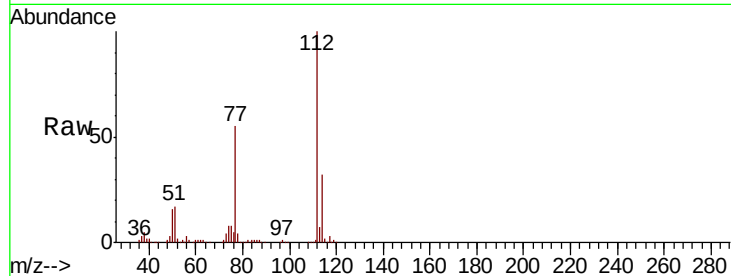




#65
Chlorobenzene
Concen: 19.203 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

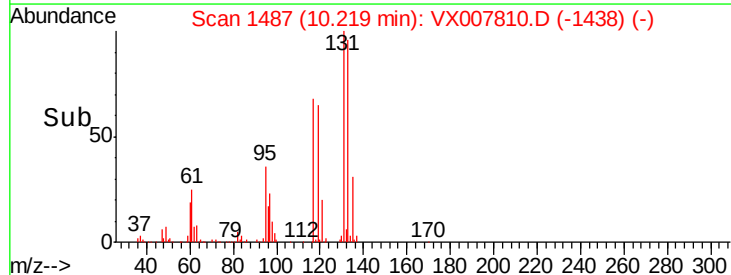
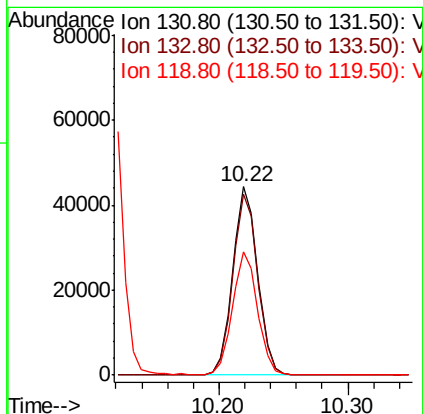
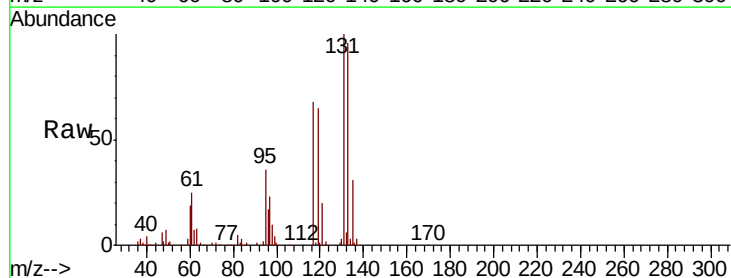
Instrument :
MSVOA_X
ClientSampled :
VX0304WBS01

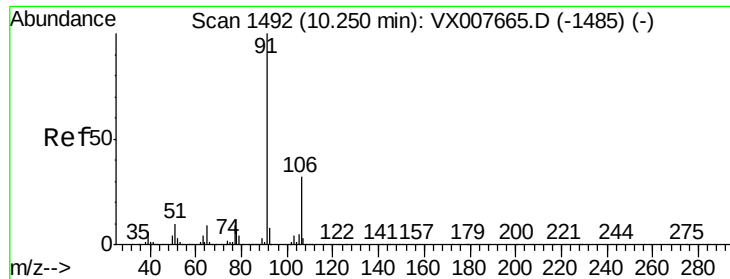
Tgt Ion:112 Resp: 166727
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.769 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion:131 Resp: 59872
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 66.0 32.0 96.0

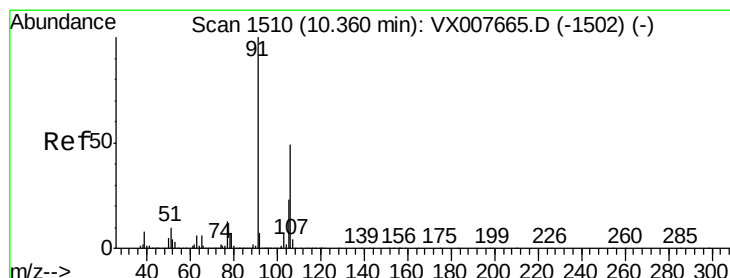
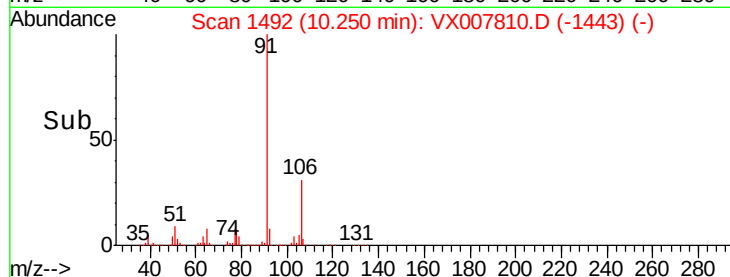
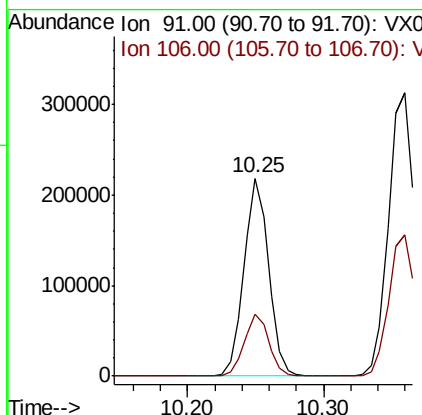
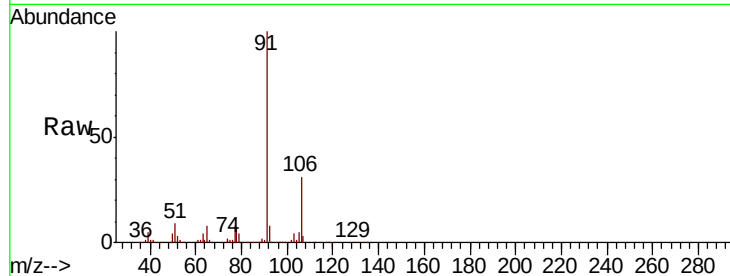




#67
Ethyl Benzene
Concen: 19.243 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

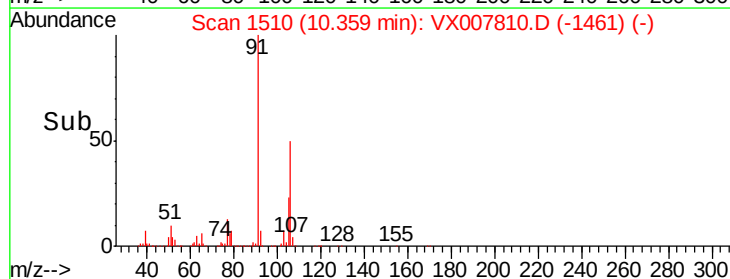
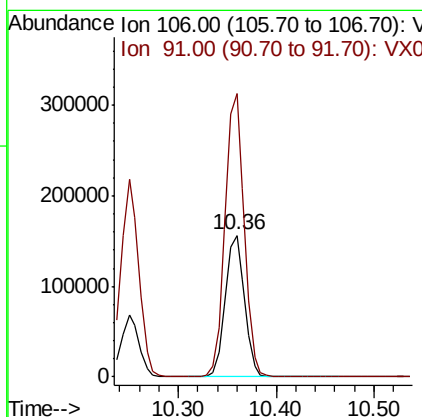
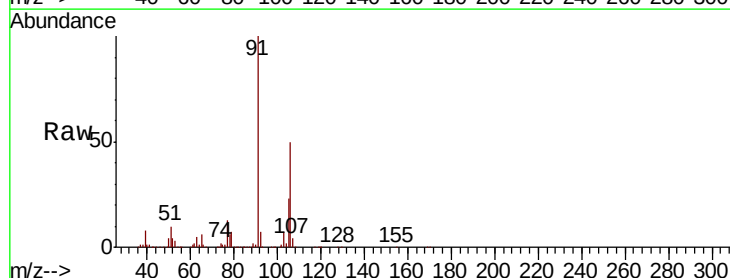
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

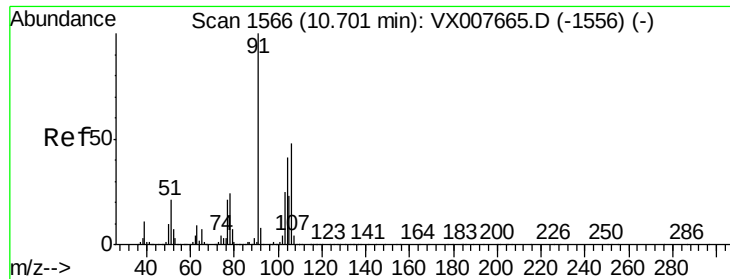
Tgt Ion: 91 Resp: 276759
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 37.898 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 106 Resp: 212049
Ion Ratio Lower Upper
106 100
91 199.7 156.6 234.8

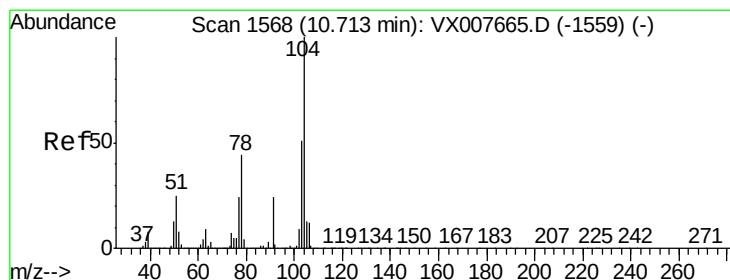
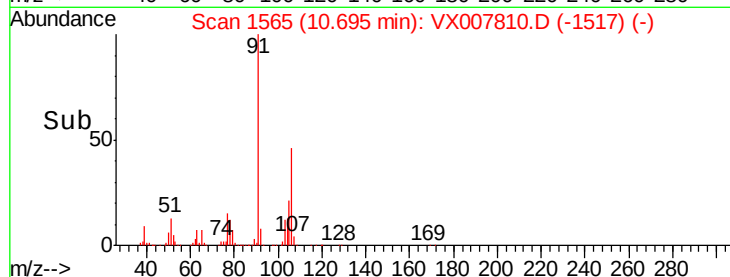
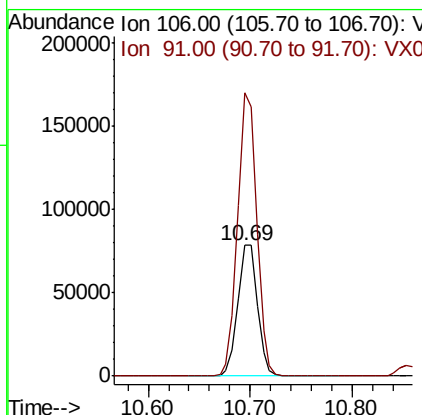
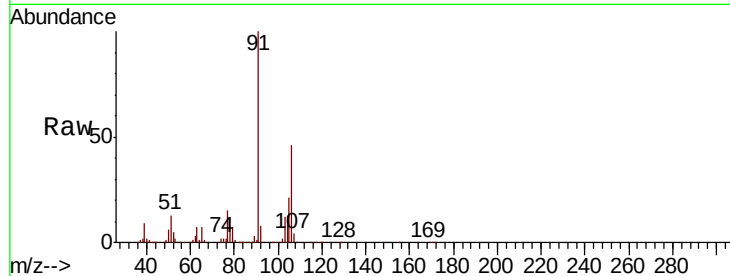




#69
o-Xylene
Concen: 19.255 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

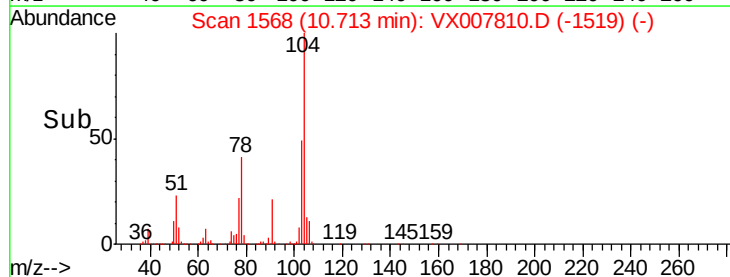
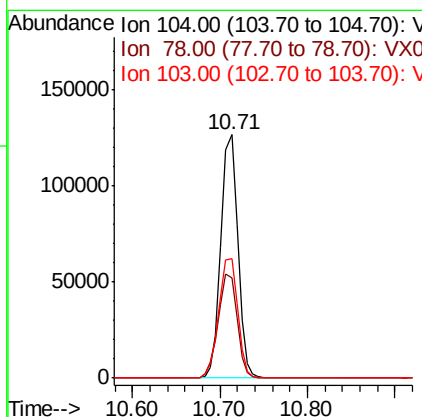
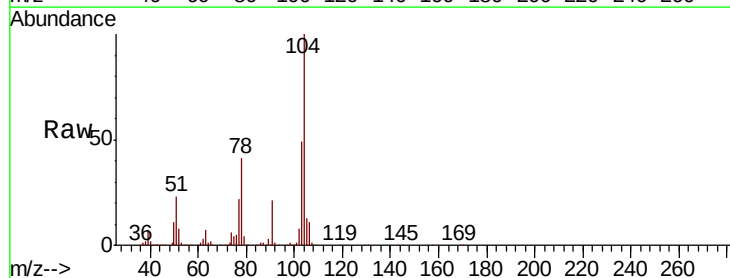
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

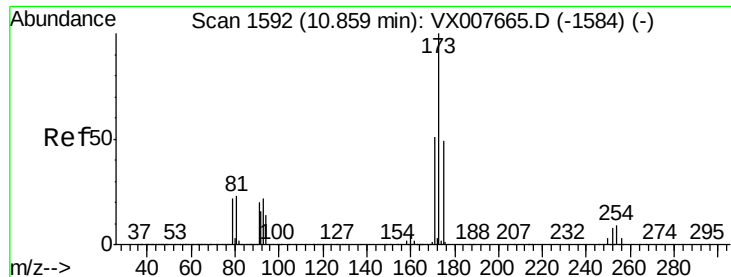
Tgt Ion:106 Resp: 103631
Ion Ratio Lower Upper
106 100
91 211.8 102.9 308.7



#70
Styrene
Concen: 19.299 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion:104 Resp: 170725
Ion Ratio Lower Upper
104 100
78 47.7 38.3 57.5
103 54.9 44.6 67.0





#71

Bromoform

Concen: 21.265 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

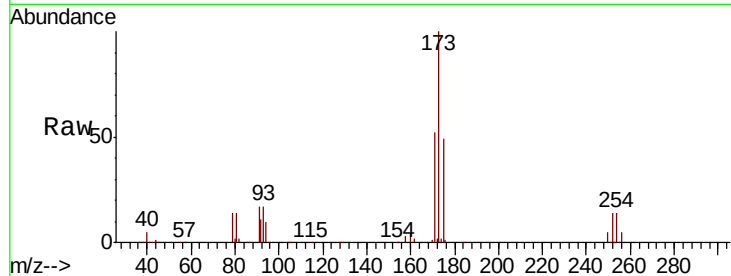
Tgt Ion:173 Resp: 48293

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

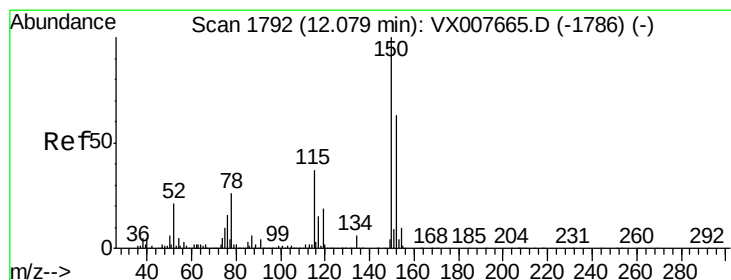
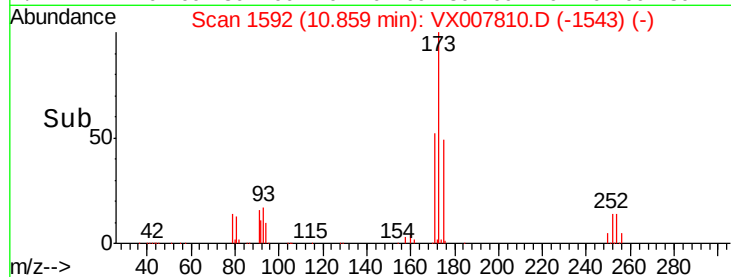
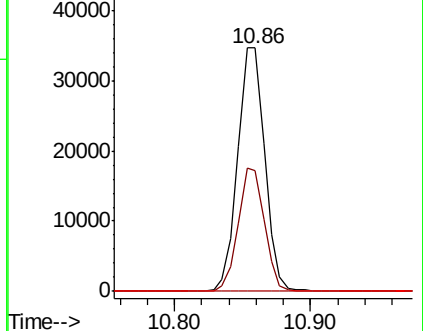
254 0.1 0.2 0.2#



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: VX007810.D

Acq: 04 Mar 2019 15:02

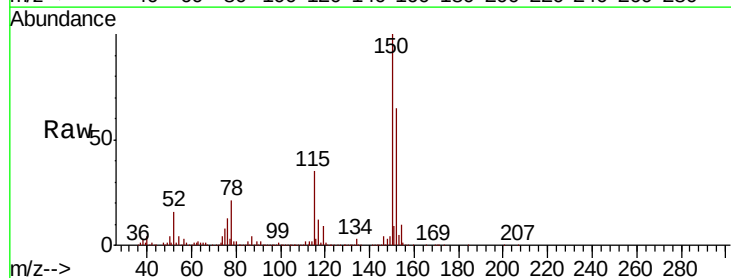
Tgt Ion:152 Resp: 204105

Ion Ratio Lower Upper

152 100

115 62.6 38.0 114.0

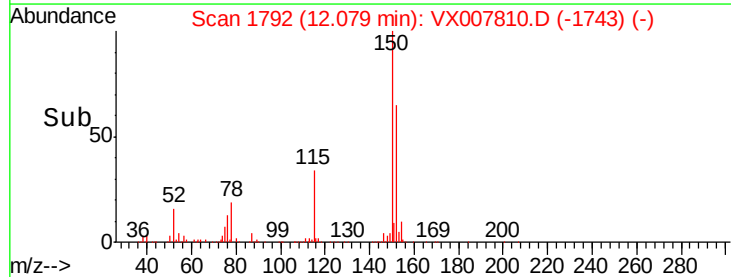
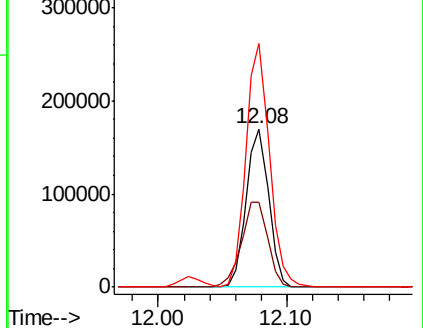
150 161.1 0.0 346.4

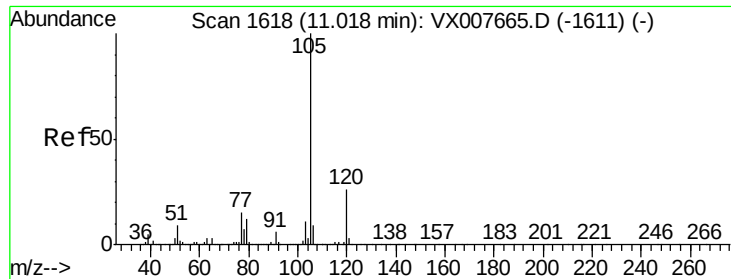


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.222 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

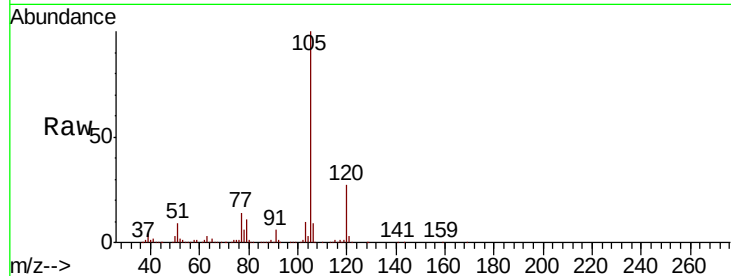
VX0304WBS01

Tgt Ion: 105 Resp: 280406

Ion Ratio Lower Upper

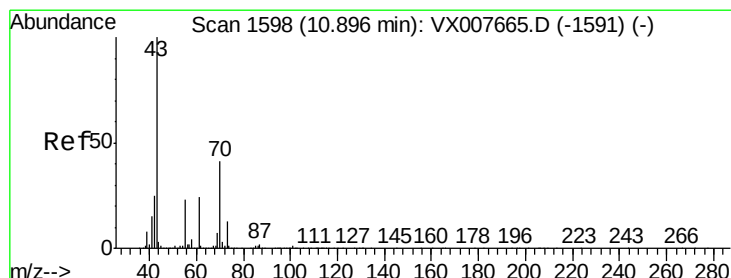
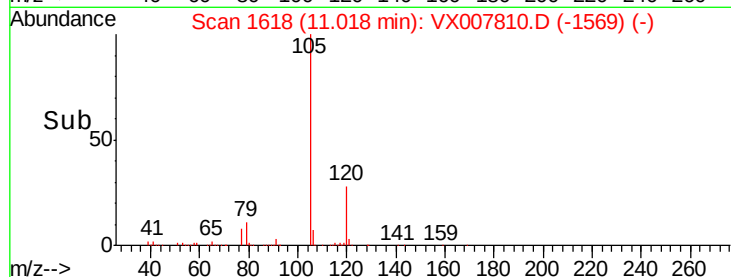
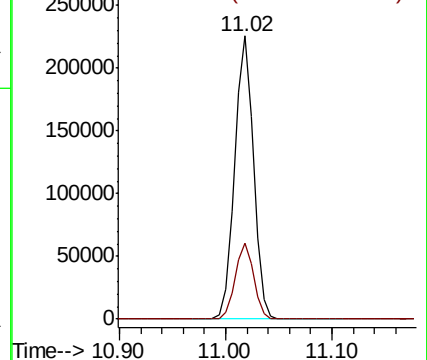
105 100

120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.869 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Tgt Ion: 43 Resp: 125868

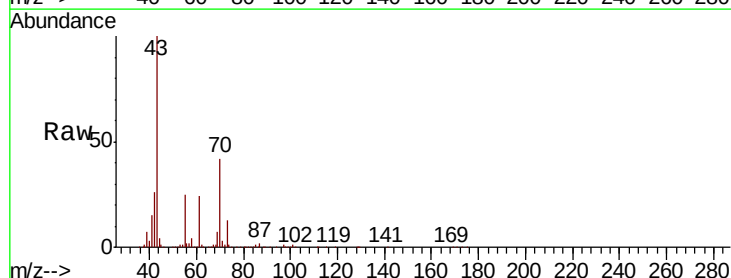
Ion Ratio Lower Upper

43 100

70 42.3 33.8 50.6

55 24.7 19.5 29.3

61 24.3 19.4 29.2

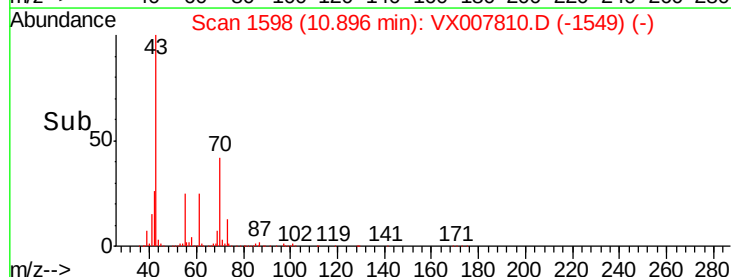
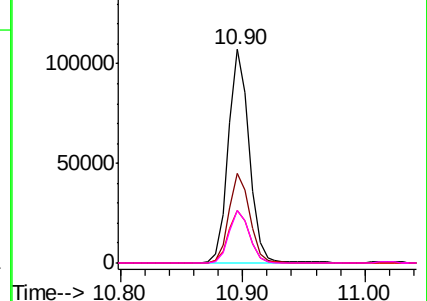


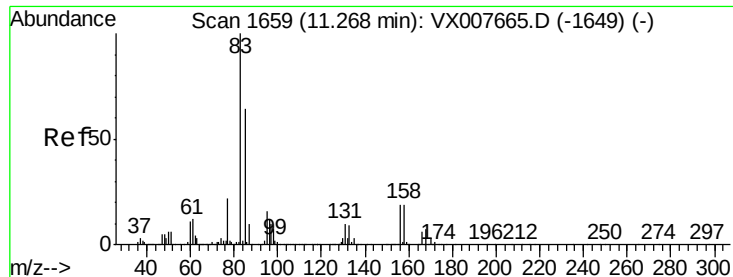
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.628 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

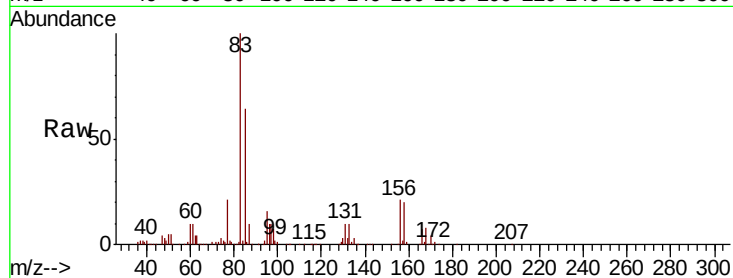
Tgt Ion: 83 Resp: 93984

Ion Ratio Lower Upper

83 100

131 10.5 5.7 17.0

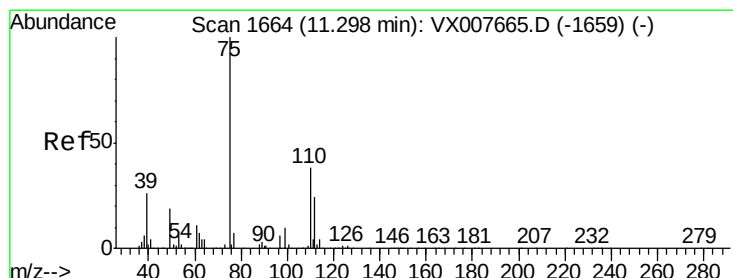
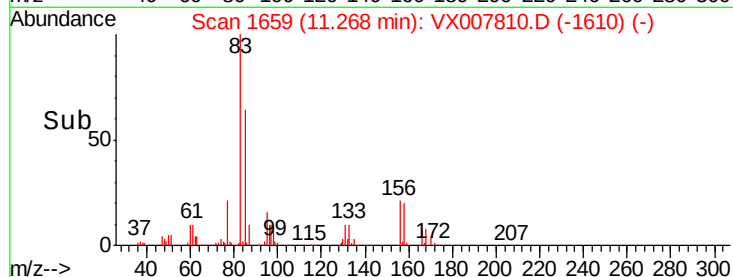
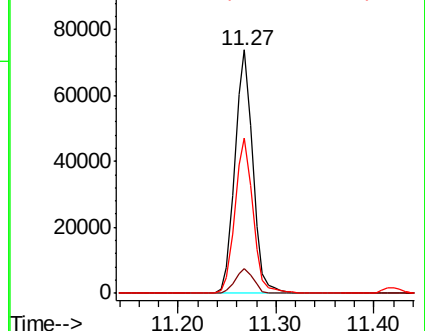
85 64.2 32.8 98.3



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: 24.542 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007810.D

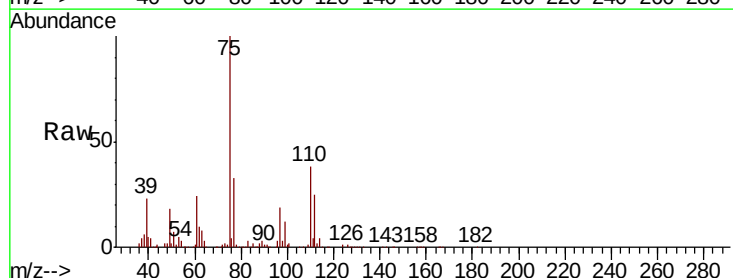
Acq: 04 Mar 2019 15:02

Tgt Ion: 75 Resp: 106773

Ion Ratio Lower Upper

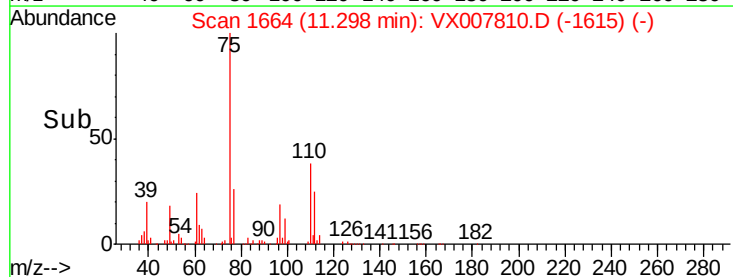
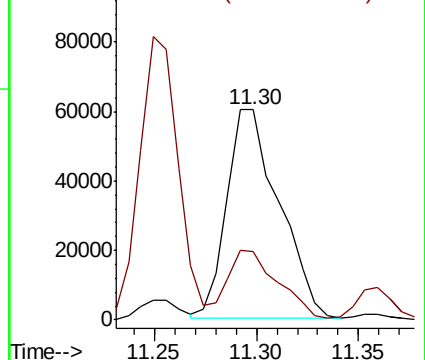
75 100

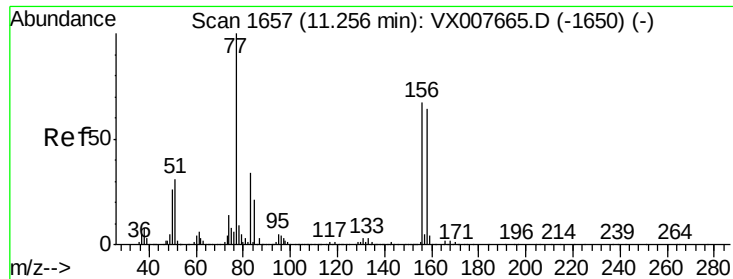
77 32.9 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.488 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

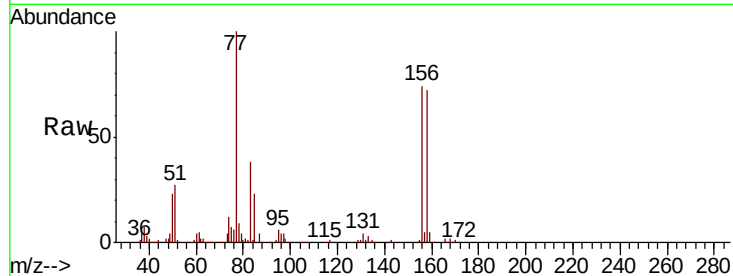
Tgt Ion:156 Resp: 74965

Ion Ratio Lower Upper

156 100

77 142.8 66.8 200.6

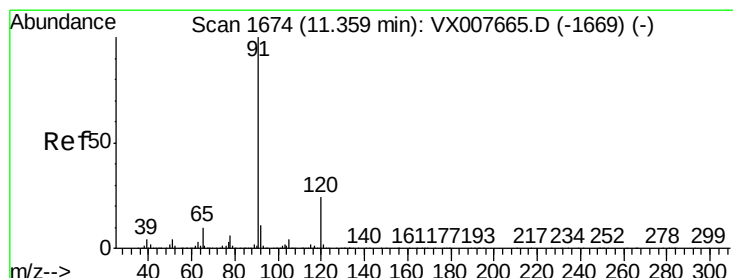
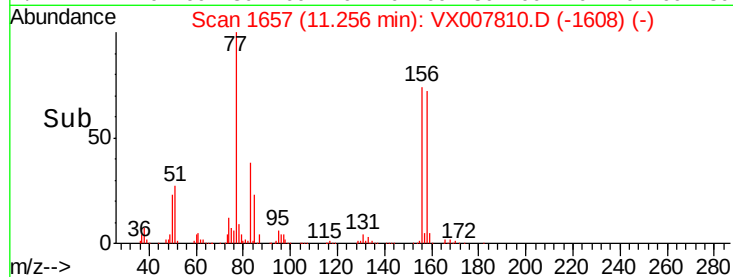
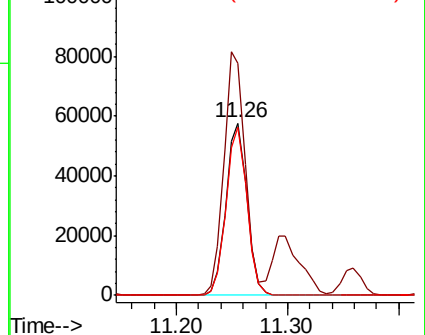
158 97.2 47.9 143.8



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: 18.479 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007810.D

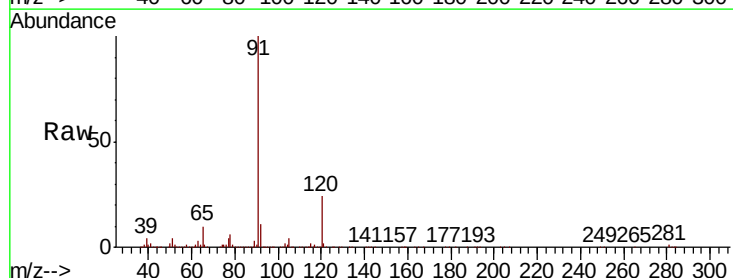
Acq: 04 Mar 2019 15:02

Tgt Ion: 91 Resp: 304606

Ion Ratio Lower Upper

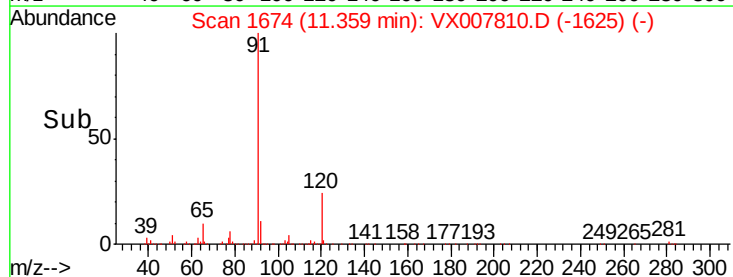
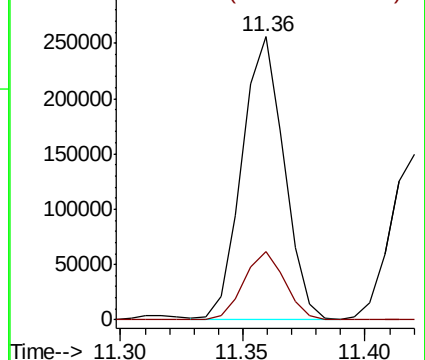
91 100

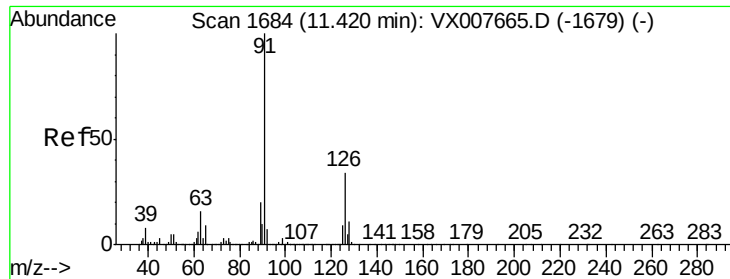
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

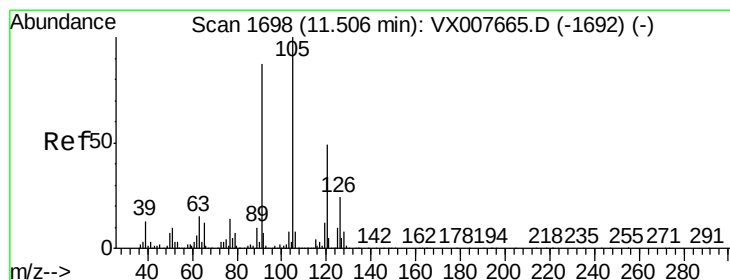
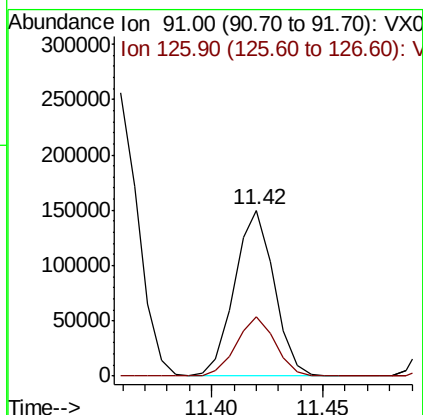
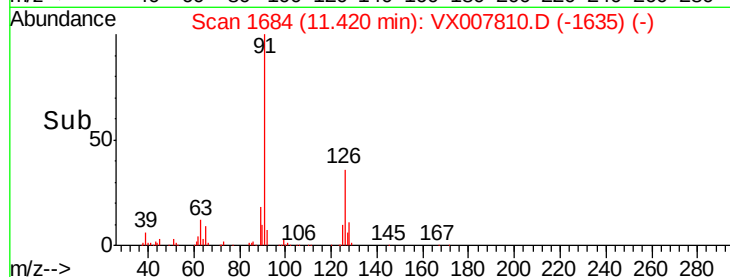
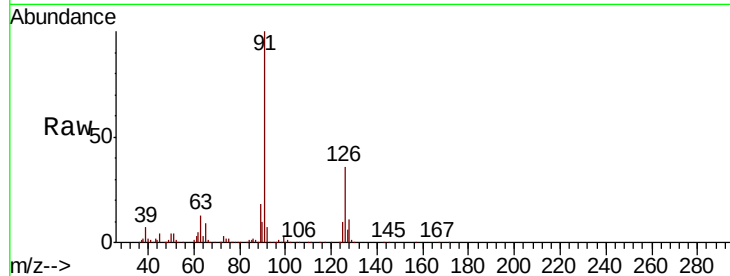




#79
 2-Chlorotoluene
 Concen: 18.686 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

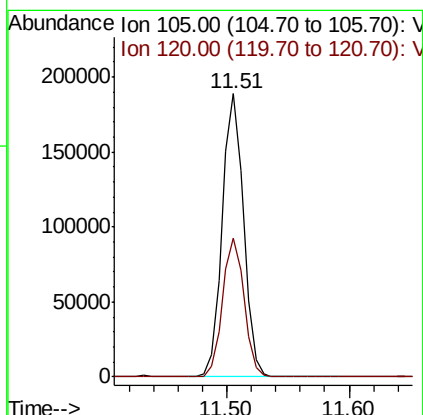
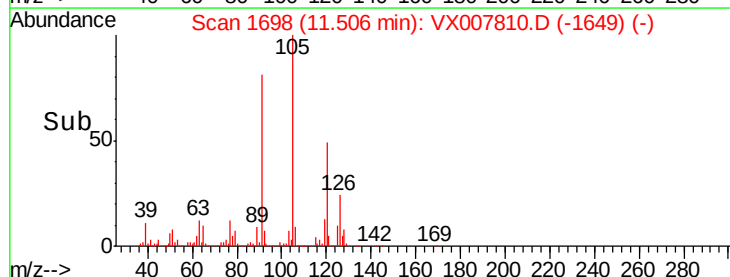
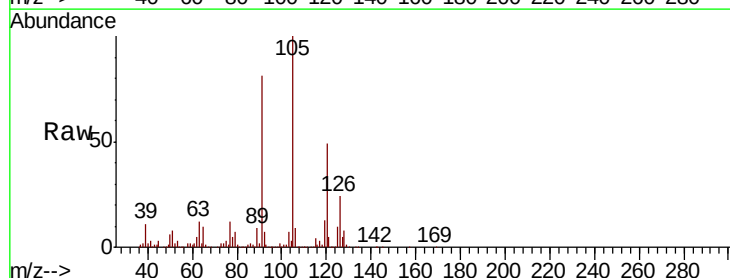
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

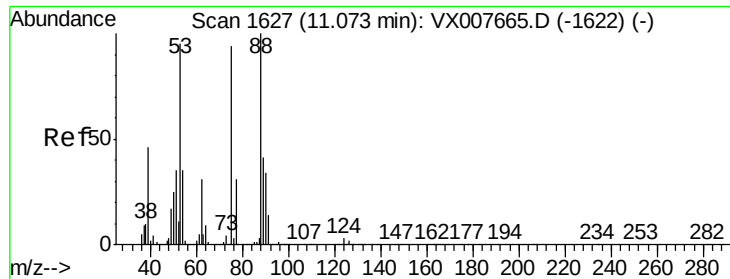
Tgt Ion: 91 Resp: 185470
 Ion Ratio Lower Upper
 91 100
 126 35.3 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.994 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion: 105 Resp: 227911
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.3 75.8

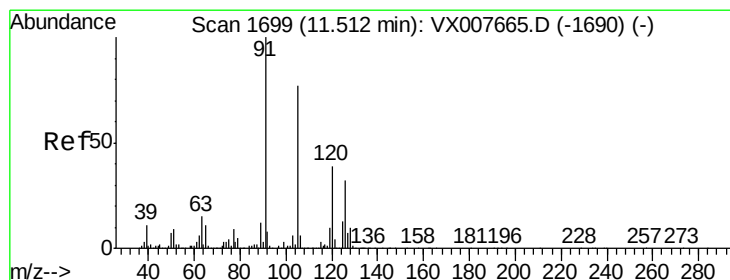
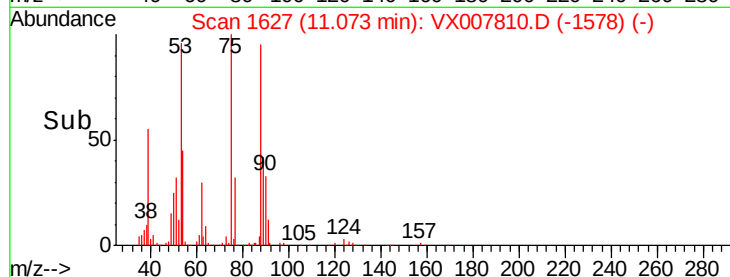
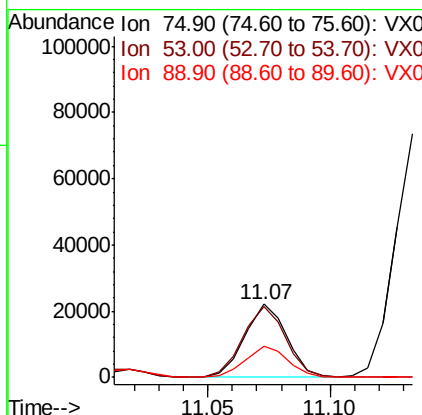
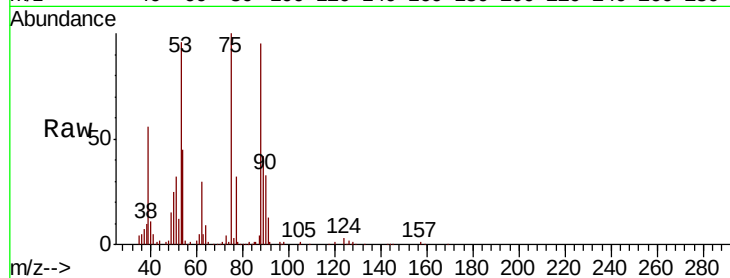




#81
trans-1,4-Dichloro-2-butene
Concen: 18.378 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

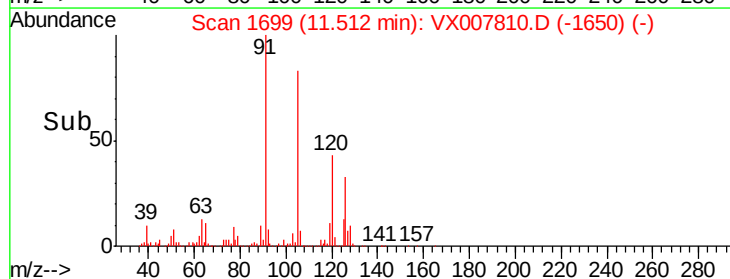
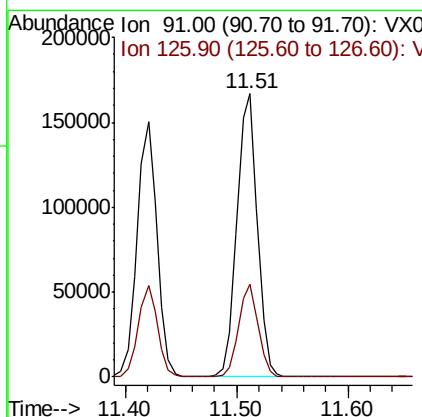
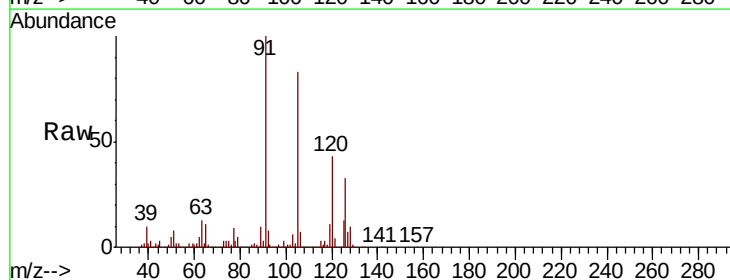
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

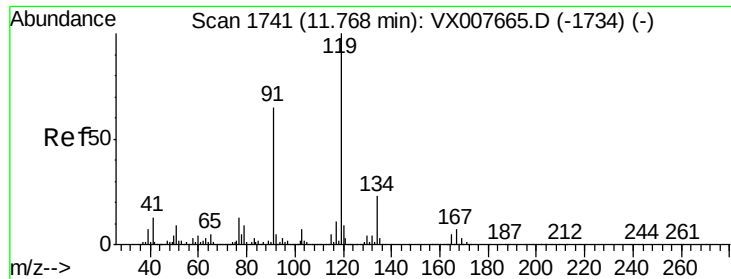
Tgt Ion: 75 Resp: 26550
Ion Ratio Lower Upper
75 100
53 98.3 81.0 121.6
89 43.8 41.4 62.0



#82
4-Chlorotoluene
Concen: 18.188 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 91 Resp: 211185
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.5

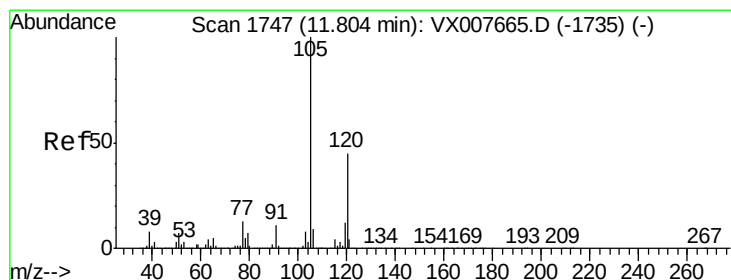
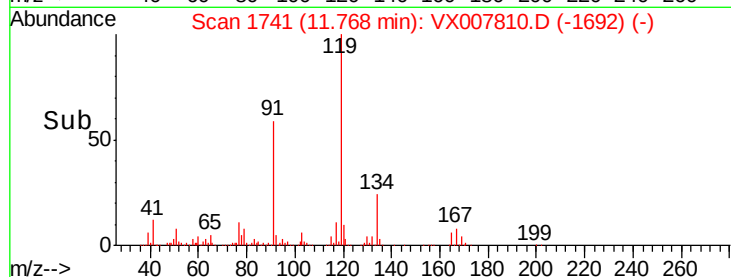
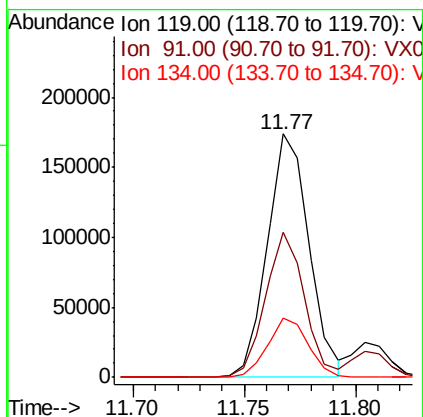
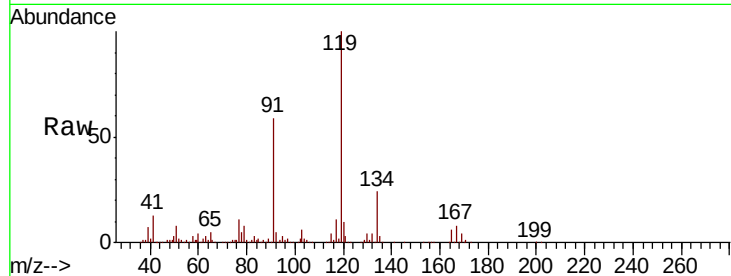




#83
 tert-Butylbenzene
 Concen: 19.599 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

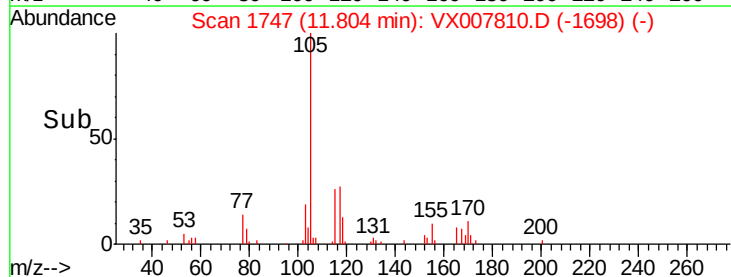
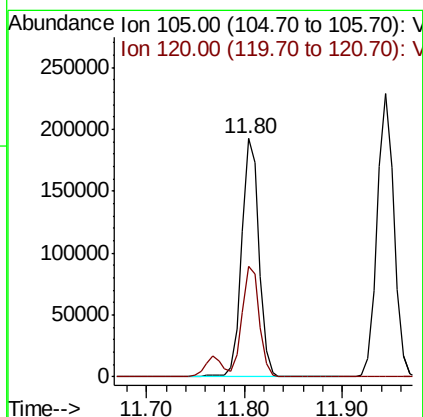
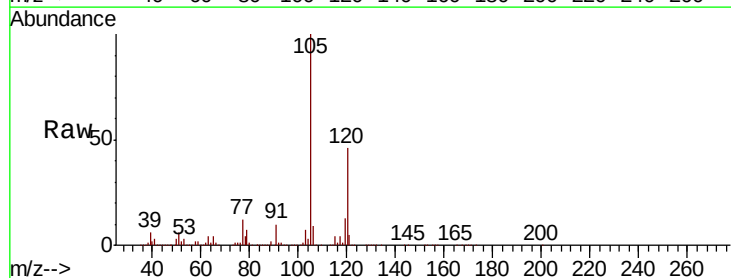
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

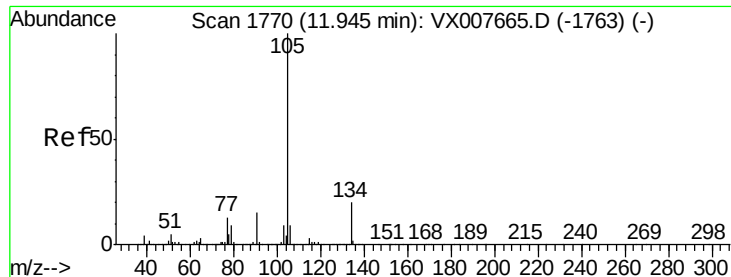
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.7	28.5	85.6
134	23.5	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.177 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 18.894 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampled :

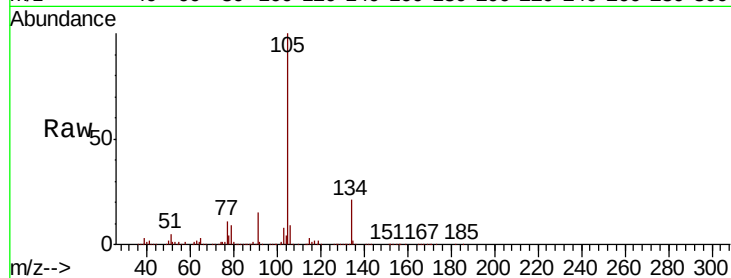
VX0304WBS01

Tgt Ion:105 Resp: 272768

Ion Ratio Lower Upper

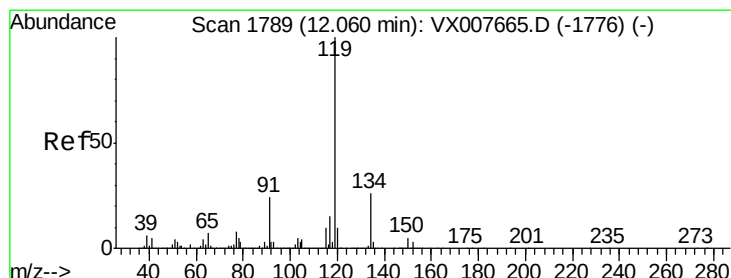
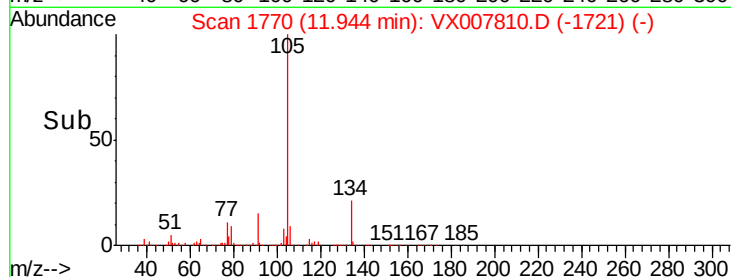
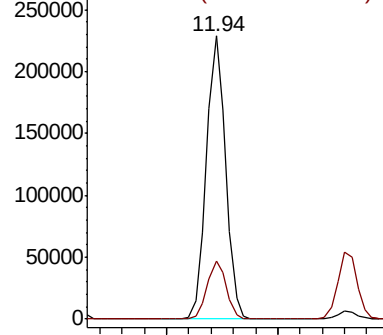
105 100

134 20.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.219 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

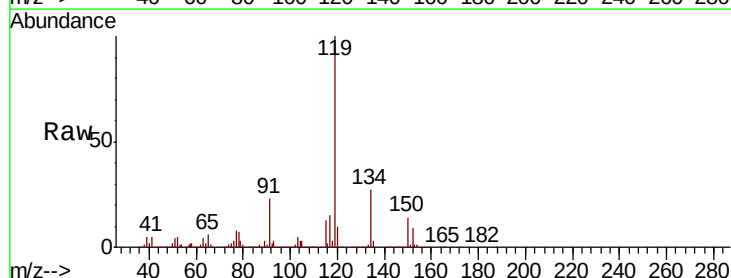
Tgt Ion:119 Resp: 242987

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

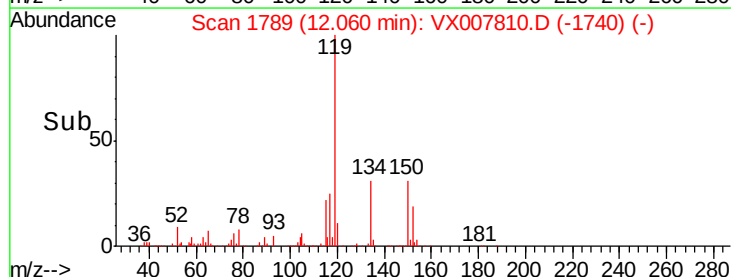
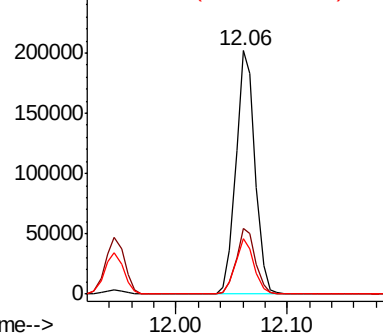
91 22.0 11.2 33.5

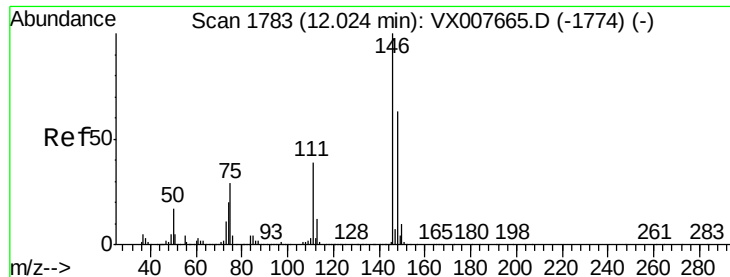


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

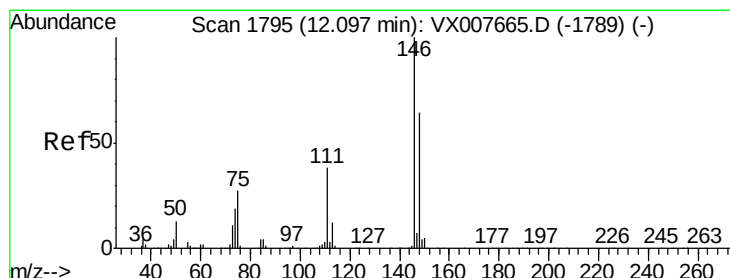
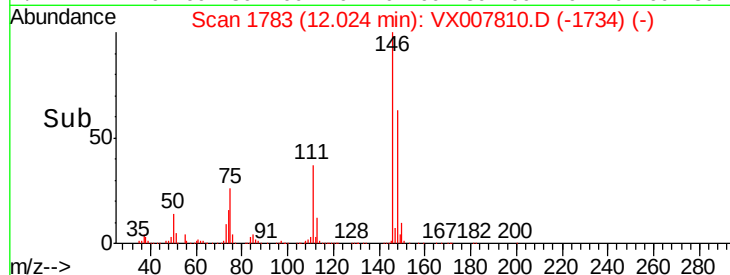
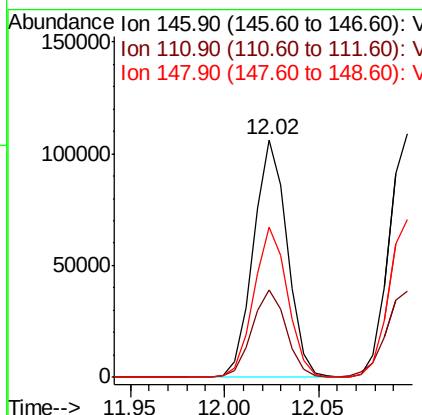
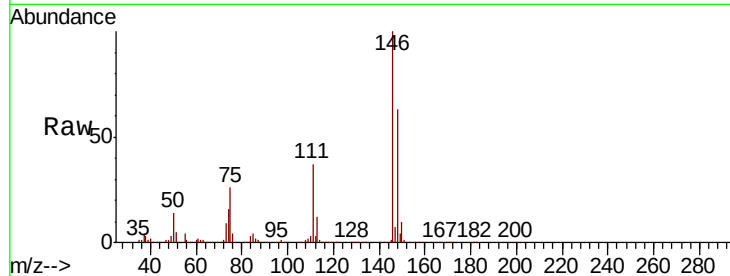




#87
 1,3-Dichlorobenzene
 Concen: 19.403 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

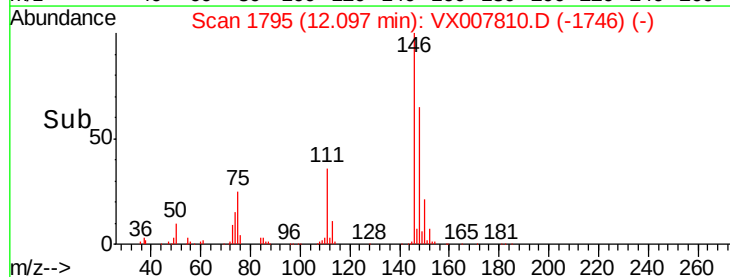
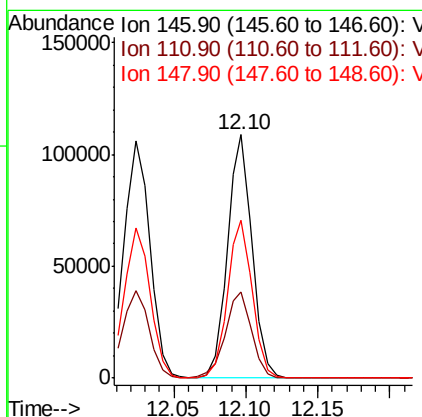
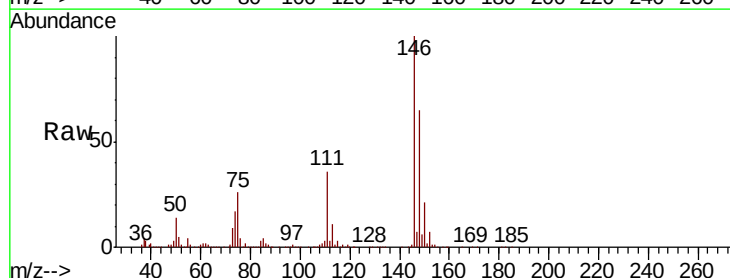
Instrument :
 MSVOA_X
 ClientSampled :
 VX0304WBS01

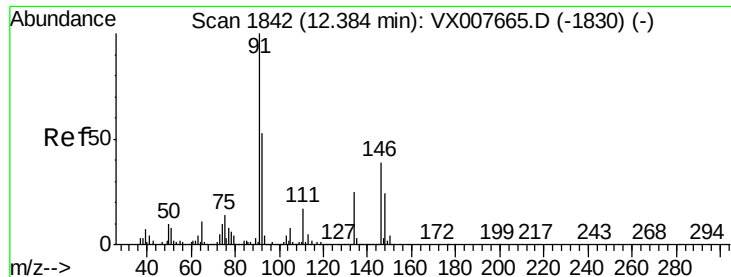
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	63.0	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.795 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.1	54.1
148	65.3	32.3	96.9

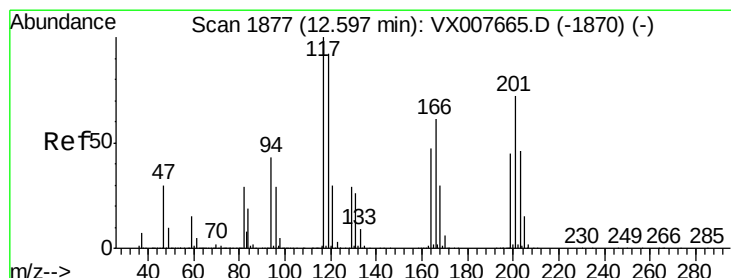
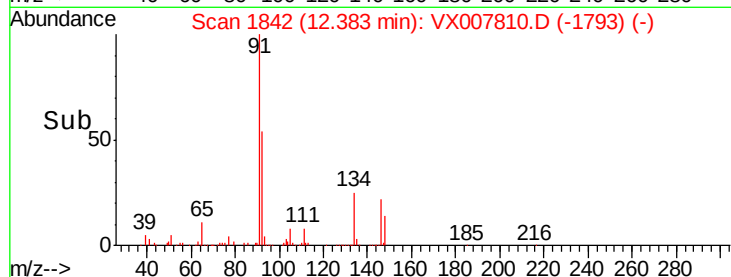
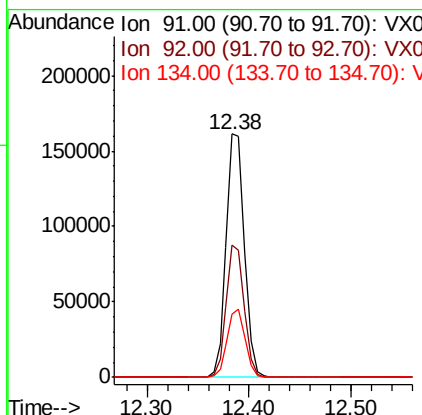
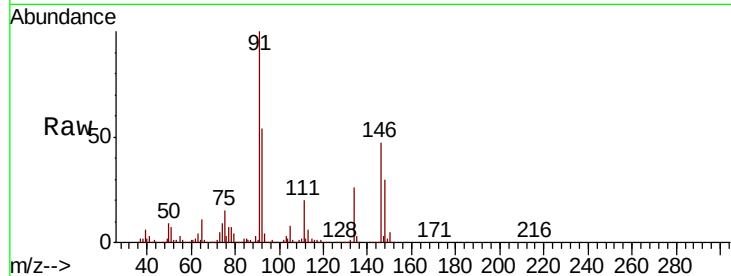




#89
n-Butylbenzene
Concen: 17.689 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

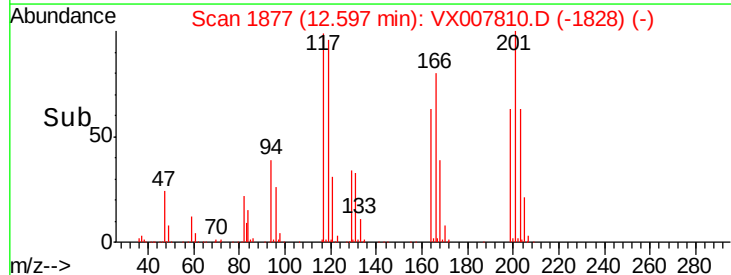
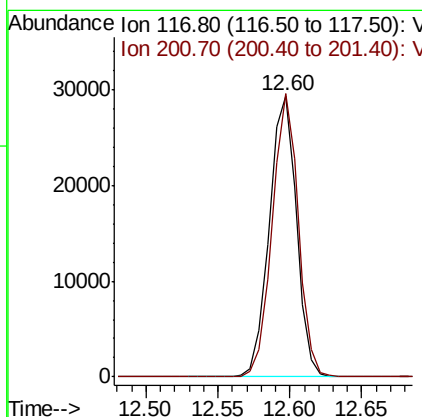
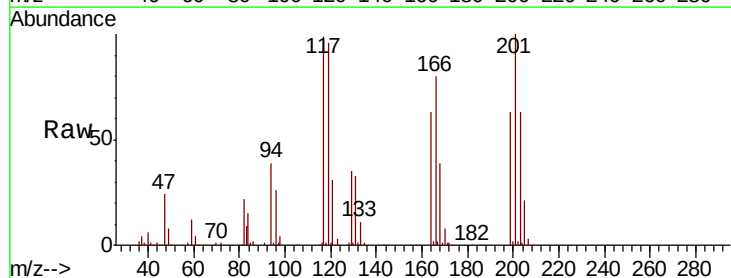
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

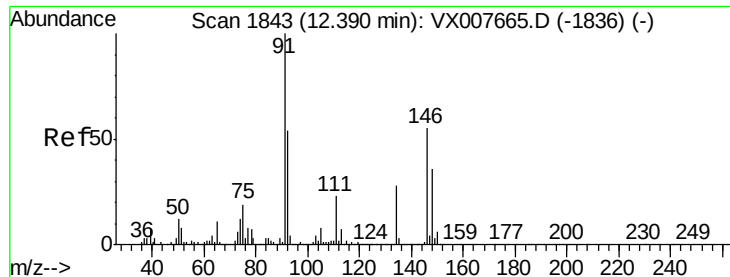
Tgt Ion: 91 Resp: 199459
Ion Ratio Lower Upper
91 100
92 53.4 26.3 78.9
134 27.5 13.9 41.6



#90
Hexachloroethane
Concen: 18.054 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007810.D
Acq: 04 Mar 2019 15:02

Tgt Ion: 117 Resp: 38460
Ion Ratio Lower Upper
117 100
201 96.8 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.219 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampled :

VX0304WBS01

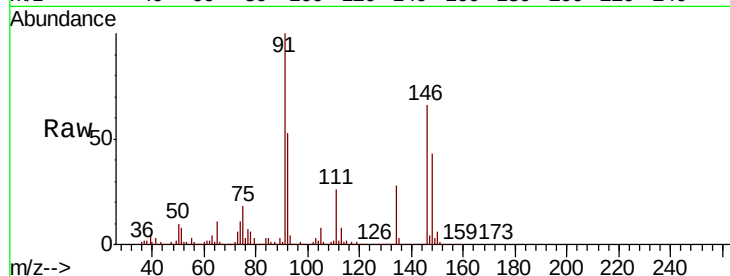
Tgt Ion:146 Resp: 130513

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.3

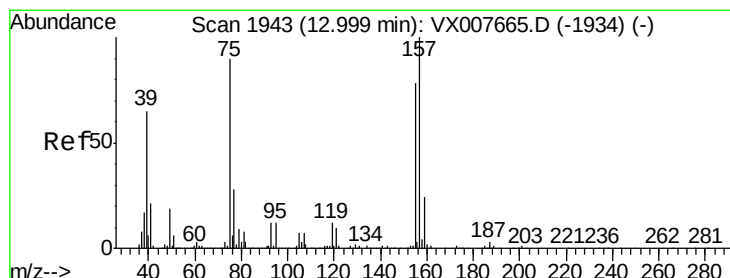
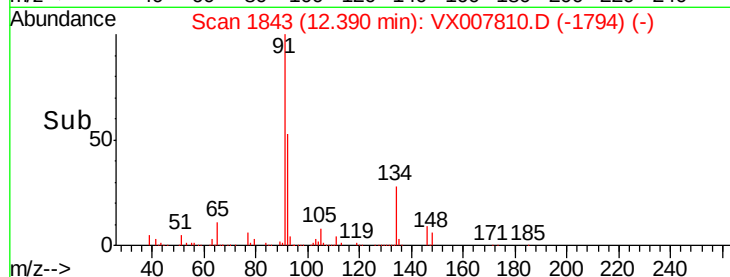
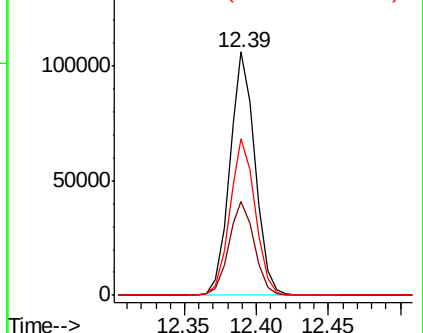
148 64.9 32.1 96.3



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: 17.794 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

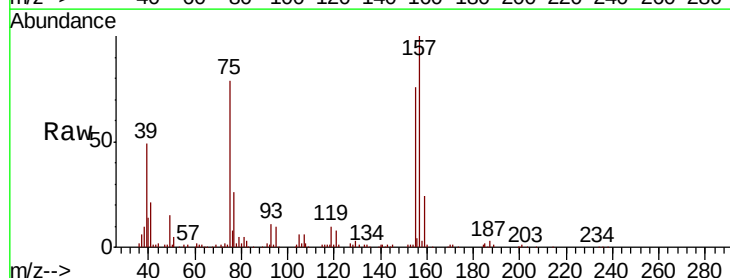
Tgt Ion: 75 Resp: 19561

Ion Ratio Lower Upper

75 100

155 103.4 49.6 149.0

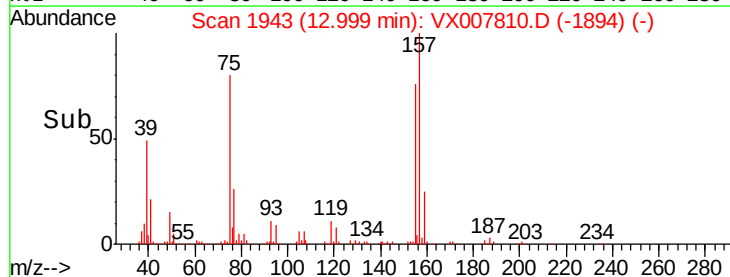
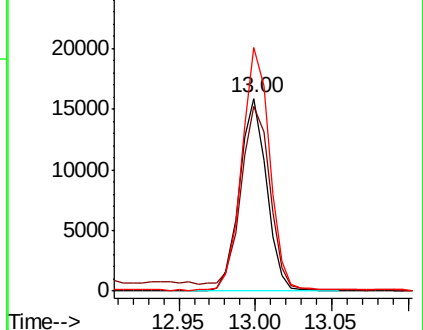
157 129.2 65.1 195.3

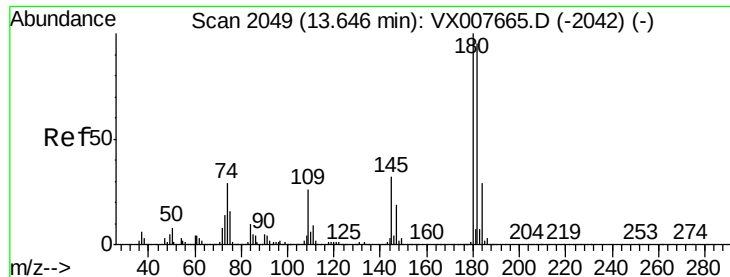


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

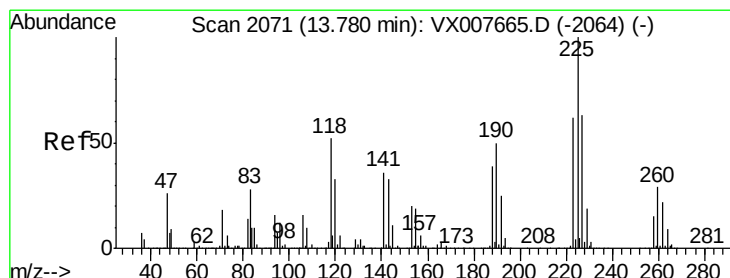
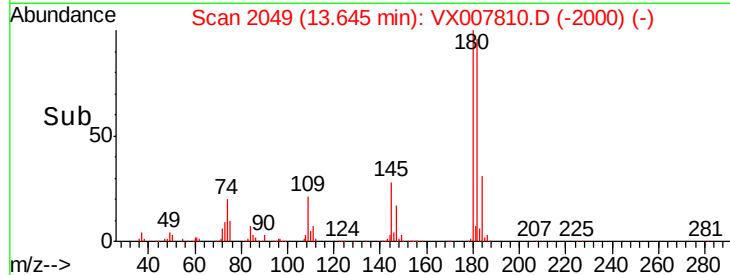
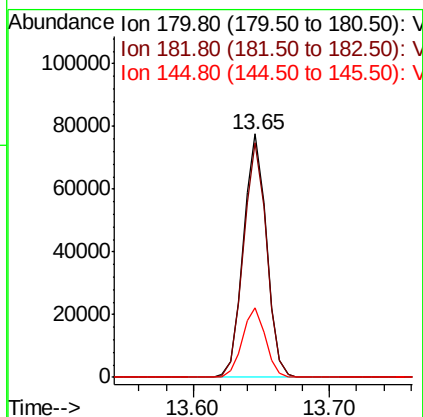
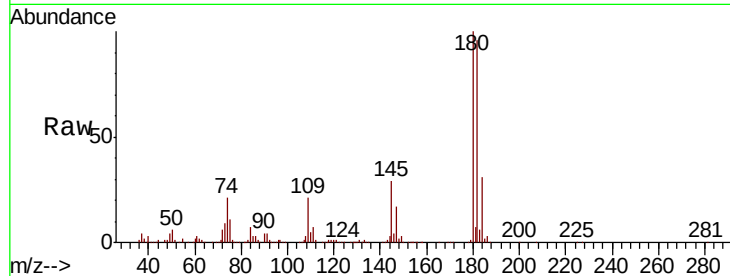




#93
 1,2,4-Trichlorobenzene
 Concen: 22.172 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

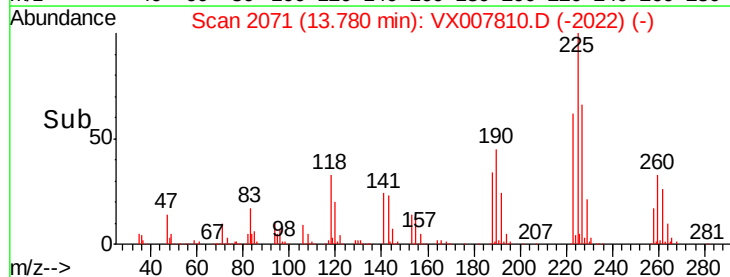
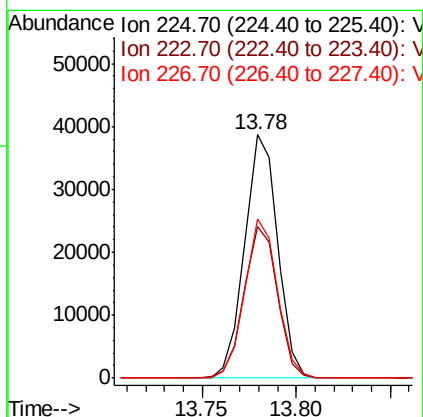
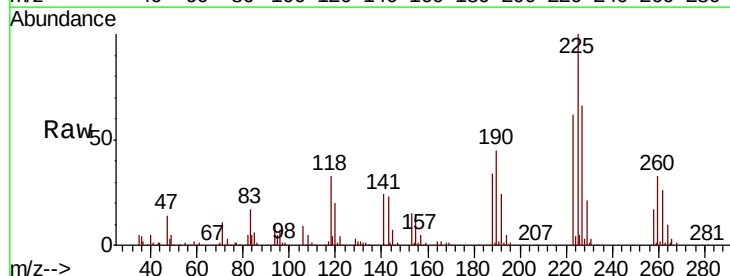
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

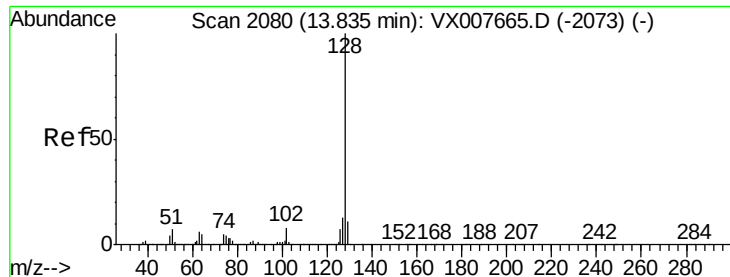
Tgt Ion:180 Resp: 91908
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.8 143.3
 145 28.5 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 24.813 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007810.D
 Acq: 04 Mar 2019 15:02

Tgt Ion:225 Resp: 47051
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 94.8
 227 64.6 32.1 96.3





#95

Naphthalene

Concen: 21.063 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

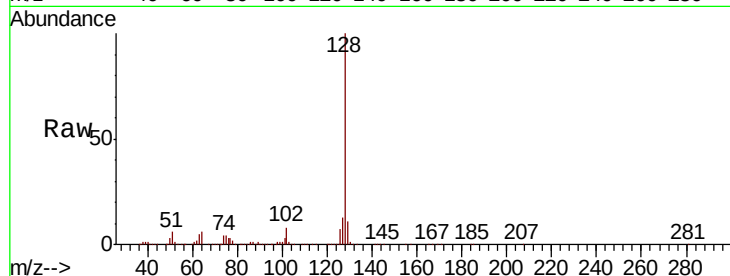
Tgt Ion:128 Resp: 282866

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.7 13.1

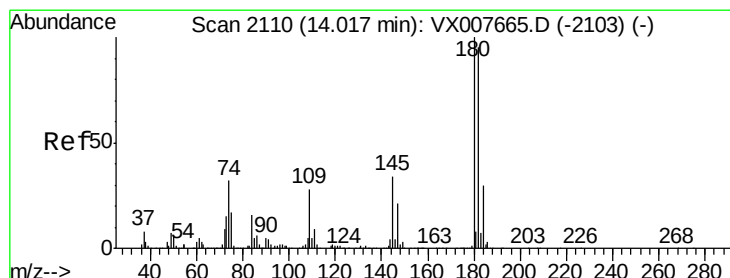
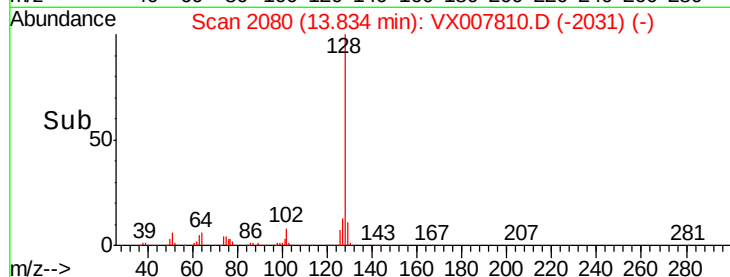
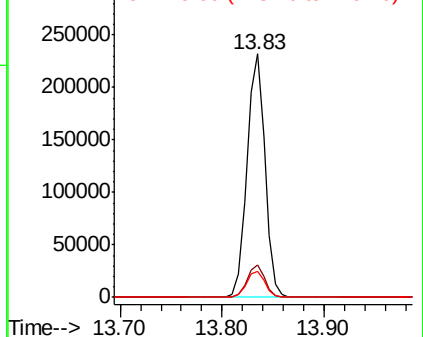


Abundance

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: 22.242 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007810.D

Acq: 04 Mar 2019 15:02

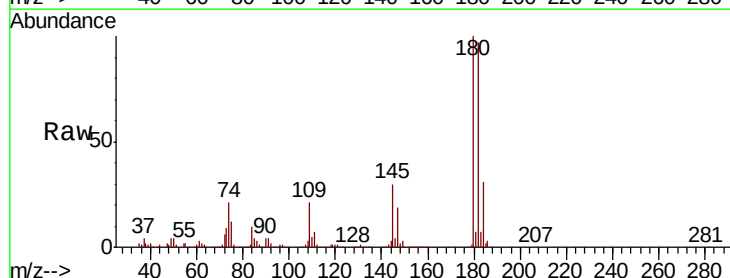
Tgt Ion:180 Resp: 92572

Ion Ratio Lower Upper

180 100

182 97.4 47.5 142.6

145 30.1 14.9 44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

