

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007689.D
 Acq On : 26 Feb 2019 02:28
 Operator : JC/SP
 Sample : VX0225WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

Quant Time: Feb 26 04:45:07 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	265015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	465581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	441308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	190689	58.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.18%	
35) Dibromofluoromethane	5.51	113	164534	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
50) Toluene-d8	8.71	98	578143	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.13	95	205100	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43364	17.763	ug/l	98
3) Chloromethane	1.33	50	57212	21.148	ug/l	96
4) Vinyl Chloride	1.41	62	53523	19.284	ug/l	99
5) Bromomethane	1.64	94	47857	26.648	ug/l	100
6) Chloroethane	1.73	64	37886	21.365	ug/l	98
7) Trichlorofluoromethane	1.93	101	76851	18.062	ug/l	97
8) Diethyl Ether	2.19	74	42481	24.327	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44629	17.354	ug/l	94
10) Methyl Iodide	2.51	142	70220	21.928	ug/l	96
11) Tert butyl alcohol	3.07	59	82242	132.043	ug/l	97
12) 1,1-Dichloroethene	2.38	96	45697	19.713	ug/l	98
13) Acrolein	2.30	56	58371	105.465	ug/l	99
14) Allyl chloride	2.73	41	93305	21.768	ug/l	96
15) Acrylonitrile	3.15	53	189092	129.008	ug/l	98
16) Acetone	2.45	43	166726	114.210	ug/l	99
17) Carbon Disulfide	2.57	76	123702	19.181	ug/l	97
18) Methyl Acetate	2.78	43	84942	26.665	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	208418	25.818	ug/l	95
20) Methylene Chloride	2.86	84	66483	24.664	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	53792	21.345	ug/l	96
22) Diisopropyl ether	3.87	45	212500	23.815	ug/l	98
23) Vinyl Acetate	3.82	43	938570	119.892	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111897	23.075	ug/l	99
25) 2-Butanone	4.70	43	269994	121.418	ug/l	99
26) 2,2-Dichloropropane	4.59	77	54799	14.157	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	75144	23.434	ug/l	96
28) Bromochloromethane	5.01	49	48771	20.659	ug/l	99
29) Tetrahydrofuran	5.15	42	176615	120.491	ug/l	98
30) Chloroform	5.21	83	120306	23.160	ug/l	98
31) Cyclohexane	5.57	56	76314	16.730	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	86726	20.188	ug/l	99
36) 1,1-Dichloropropene	5.80	75	72348	17.284	ug/l	99
37) Ethyl Acetate	4.85	43	102297	22.001	ug/l	97
38) Carbon Tetrachloride	5.78	117	70717	16.819	ug/l	100

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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)
39) Methylcyclohexane	7.46	83	78684	14.874	ug/l	97
40) Benzene	6.15	78	267360	20.692	ug/l	99
41) Methacrylonitrile	5.06	41	56687	22.831	ug/l	97
42) 1,2-Dichloroethane	6.20	62	98859	22.763	ug/l	98
43) Isopropyl Acetate	6.46	43	157329	21.985	ug/l	99
44) Trichloroethene	7.21	130	69085	19.436	ug/l	94
45) 1,2-Dichloropropane	7.51	63	72127	21.549	ug/l	100
46) Dibromomethane	7.66	93	52210	22.359	ug/l	93
47) Bromodichloromethane	7.90	83	86532	21.384	ug/l	99
48) Methyl methacrylate	7.77	41	82708	22.049	ug/l	99
49) 1,4-Dioxane	7.75	88	36450	449.902	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	544789	113.731	ug/l	99
52) Toluene	8.78	92	166714	20.461	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	89951	19.681	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	101529	20.675	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	77362	22.769	ug/l	94
56) Ethyl methacrylate	9.18	69	105641	21.864	ug/l	99
57) 1,3-Dichloropropane	9.37	76	122774	22.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	292790	109.886	ug/l	100
59) 2-Hexanone	9.49	43	411492	109.419	ug/l	99
60) Dibromochloromethane	9.59	129	73636	22.523	ug/l	99
61) 1,2-Dibromoethane	9.67	107	81160	23.007	ug/l	99
64) Tetrachloroethene	9.34	164	67491	18.839	ug/l	97
65) Chlorobenzene	10.14	112	190555	19.965	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	67643	20.317	ug/l	98
67) Ethyl Benzene	10.25	91	295022	18.659	ug/l	100
68) m/p-Xylenes	10.36	106	228020	37.070	ug/l	100
69) o-Xylene	10.70	106	115623	19.542	ug/l	99
70) Styrene	10.71	104	190870	19.627	ug/l	99
71) Bromoform	10.85	173	49815	19.953	ug/l #	97
73) Isopropylbenzene	11.02	105	278830	18.855	ug/l	100
74) N-amyl acetate	10.90	43	139628	21.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	115156	22.515	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	122109	27.687	ug/l	80
77) Bromobenzene	11.26	156	83973	22.639	ug/l	94
78) n-propylbenzene	11.36	91	311581	18.646	ug/l	98
79) 2-Chlorotoluene	11.42	91	199143	19.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	235592	19.368	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26840	18.336	ug/l	96
82) 4-Chlorotoluene	11.51	91	230038	19.543	ug/l	99
83) tert-Butylbenzene	11.77	119	221735	18.986	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	249844	20.080	ug/l	99
85) sec-Butylbenzene	11.94	105	266157	18.186	ug/l	99
86) p-Isopropyltoluene	12.06	119	235920	18.407	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	141245	20.529	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	140902	19.997	ug/l	97
89) n-Butylbenzene	12.39	91	194573	17.022	ug/l	98
90) Hexachloroethane	12.60	117	38133	17.658	ug/l	87
91) 1,2-Dichlorobenzene	12.39	146	145631	21.155	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23361	20.962	ug/l	87

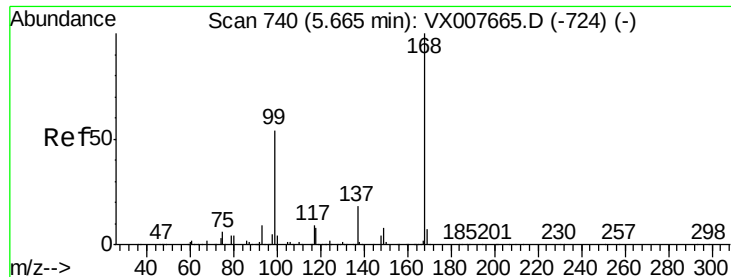
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86810	20.659	ug/l	97
94) Hexachlorobutadiene	13.78	225	32343	16.825	ug/l	99
95) Naphthalene	13.83	128	309504	22.734	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	90259	21.392	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

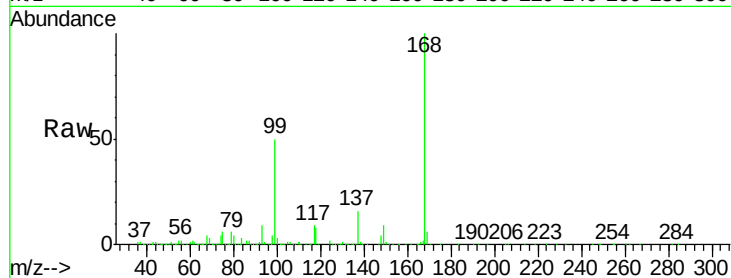
VX0225WBS02

Tot Ion:168 Resp: 265015

Ion Ratio Lower Upper

168 100

99 49.5 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

100000

80000

60000

40000

20000

0

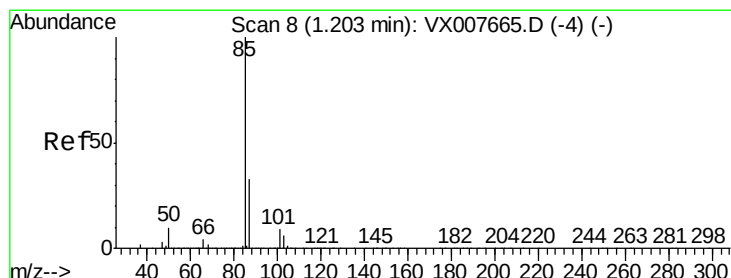
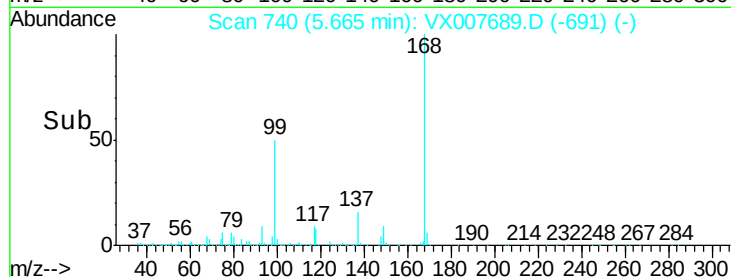
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 17.763 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007689.D

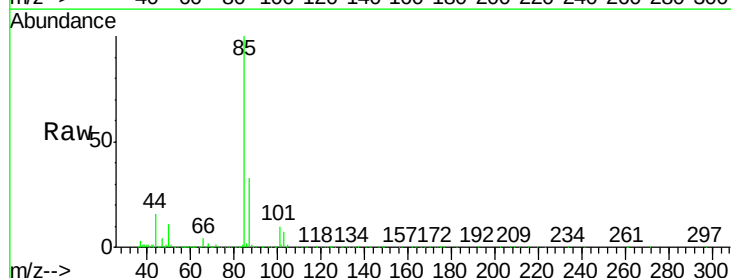
Acq: 26 Feb 2019 02:28

Tgt Ion: 85 Resp: 43364

Ion Ratio Lower Upper

85 100

87 32.7 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

40000

30000

20000

10000

0

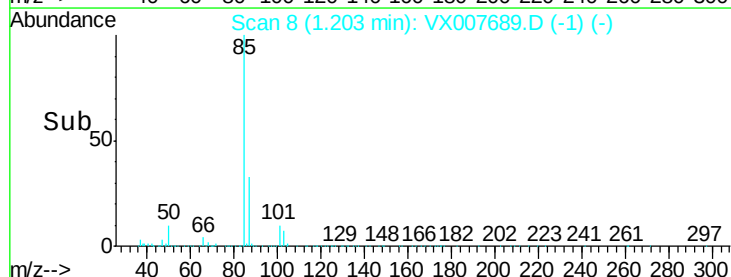
Time-->

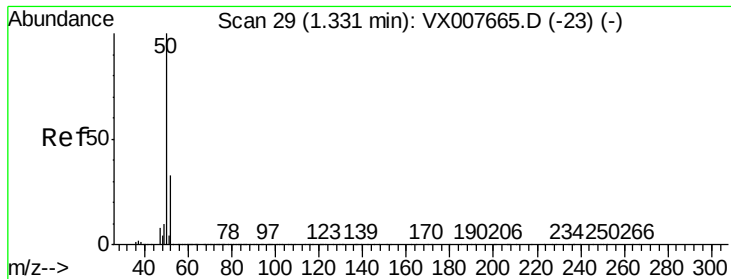
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 21.148 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

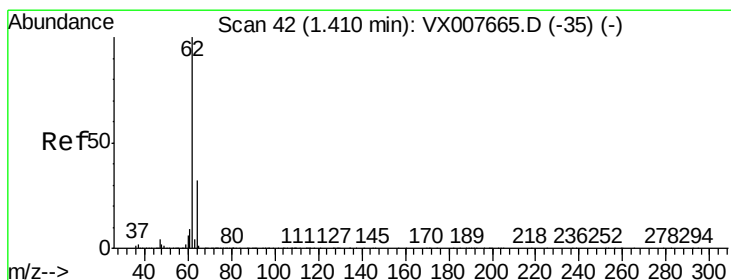
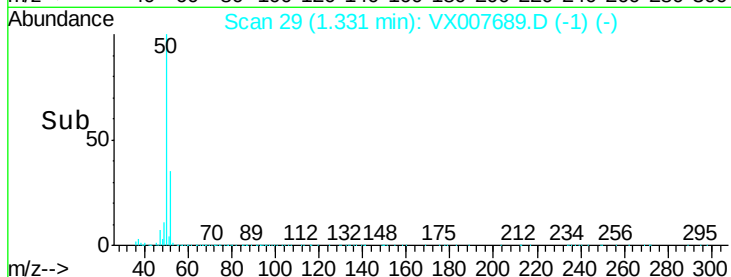
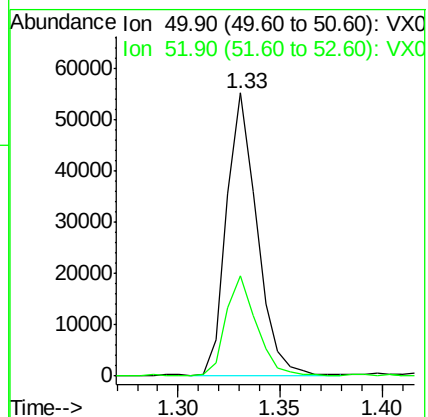
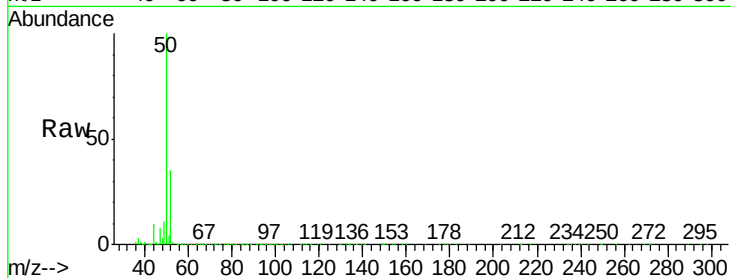
VX0225WBS02

Tot Ion: 50 Resp: 57212

Ion Ratio Lower Upper

50 100

52 35.1 26.1 39.1



#4

Vinyl Chloride

Concen: 19.284 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007689.D

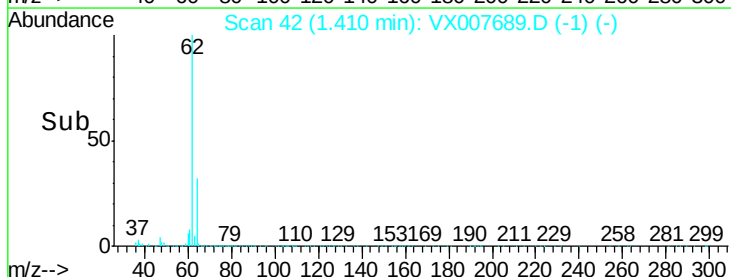
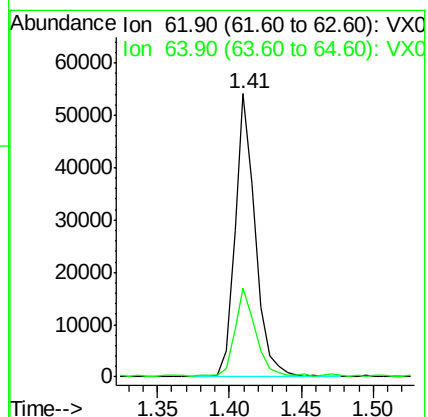
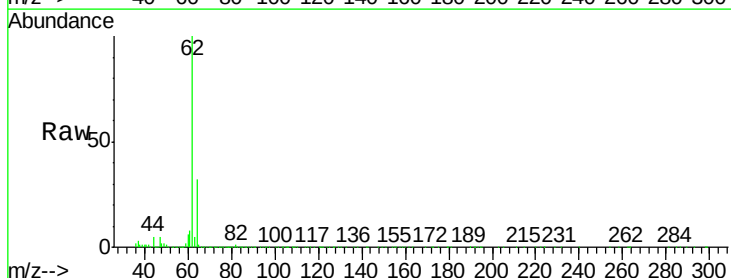
Acq: 26 Feb 2019 02:28

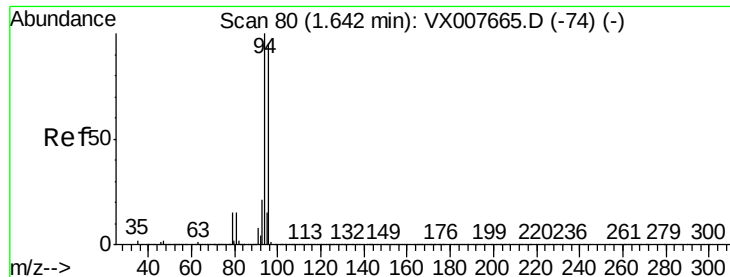
Tgt Ion: 62 Resp: 53523

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 26.648 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

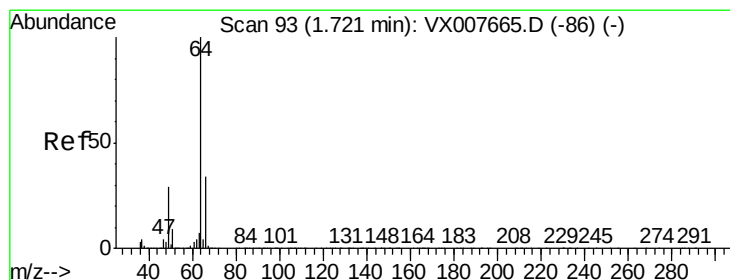
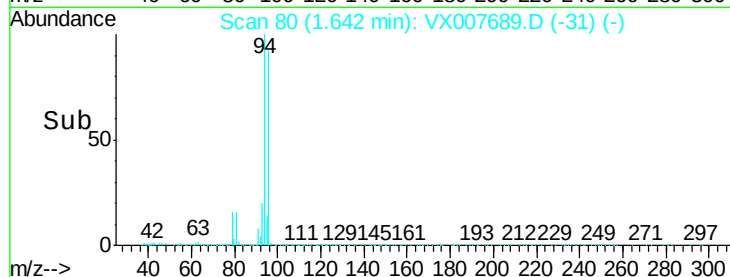
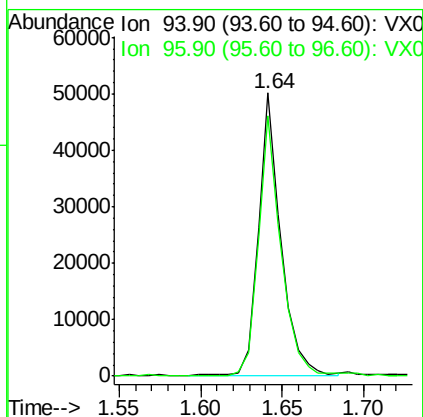
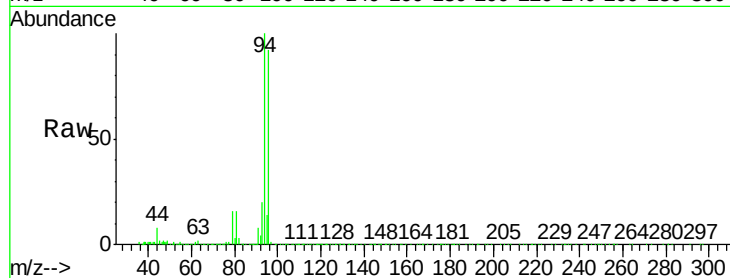
VX0225WBS02

Tot Ion: 94 Resp: 47857

Ion Ratio Lower Upper

94 100

96 91.9 73.9 110.9



#6

Chloroethane

Concen: 21.365 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007689.D

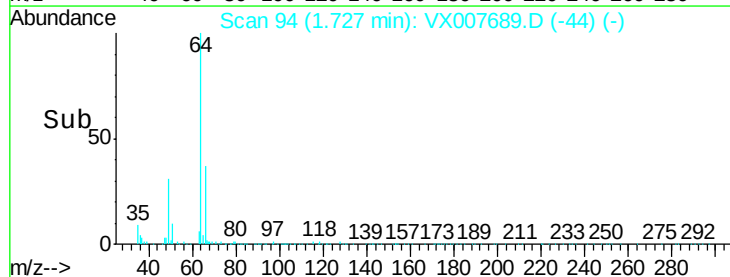
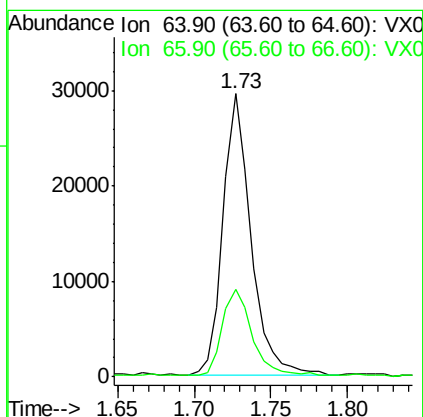
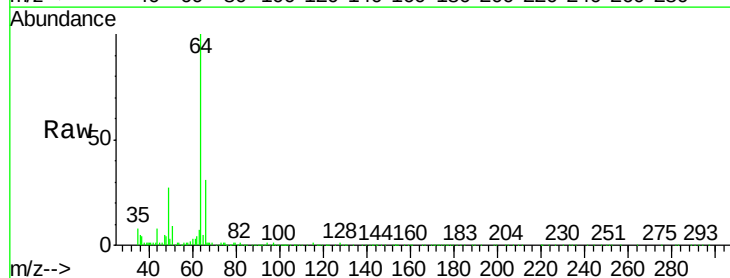
Acq: 26 Feb 2019 02:28

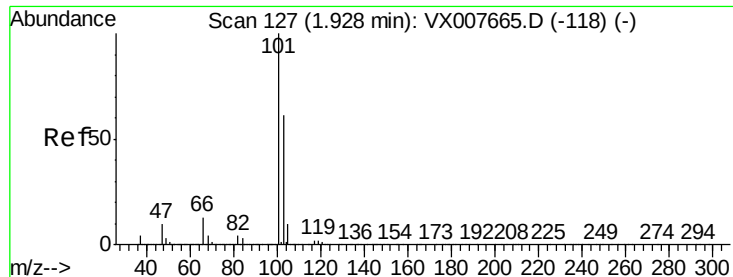
Tgt Ion: 64 Resp: 37886

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3



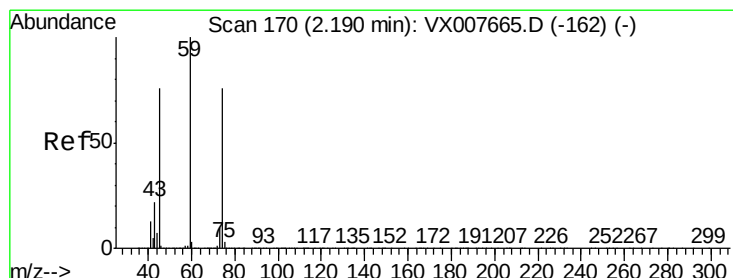
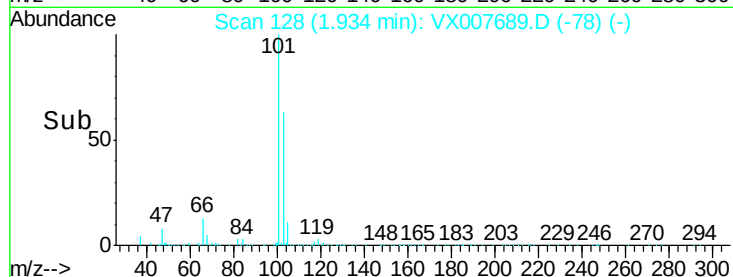
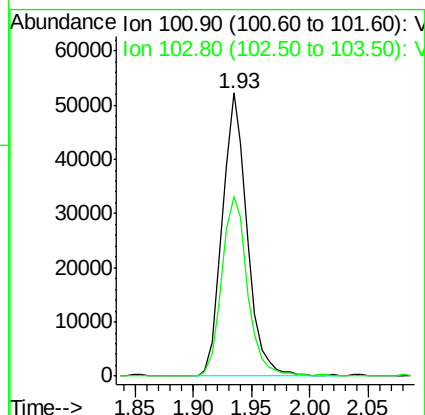
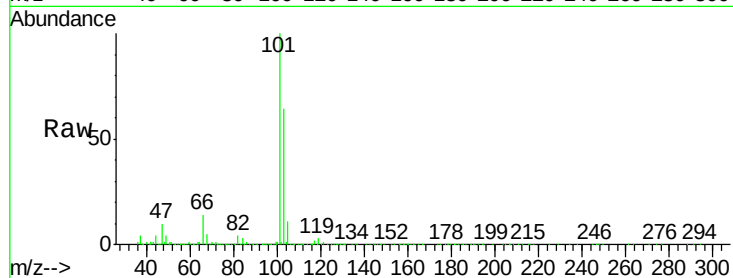


#7

Trichlorofluoromethane
Concen: 18.062 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Instrument :
MSVOA_X
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VX0225WBS02

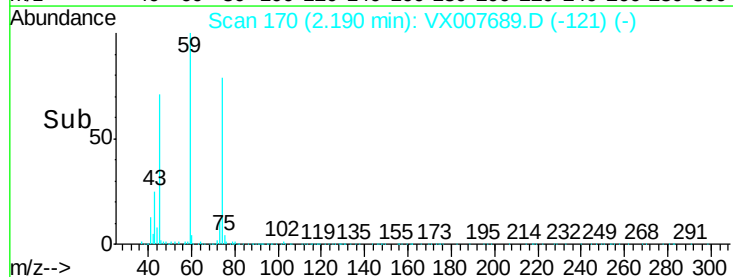
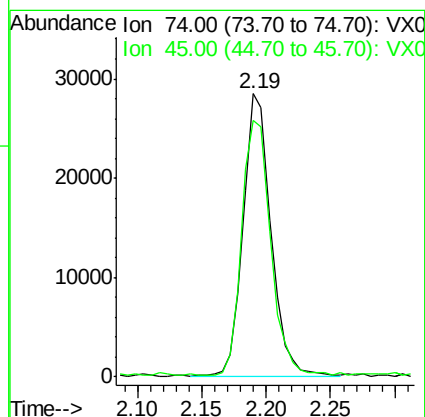
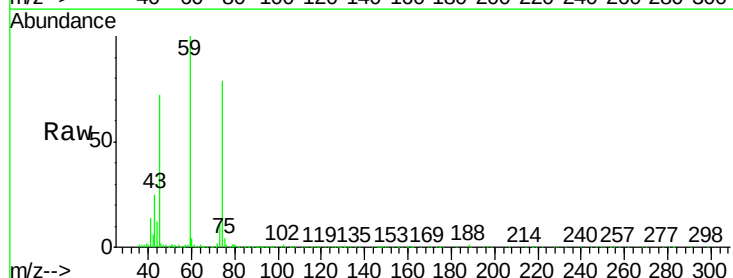
Tot Ion:101 Resp: 76851
Ion Ratio Lower Upper
101 100
103 63.3 52.6 79.0

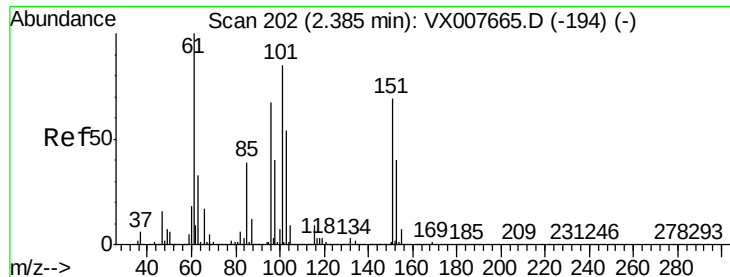


#8

Diethyl Ether
Concen: 24.327 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion: 74 Resp: 42481
Ion Ratio Lower Upper
74 100
45 94.1 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.354 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

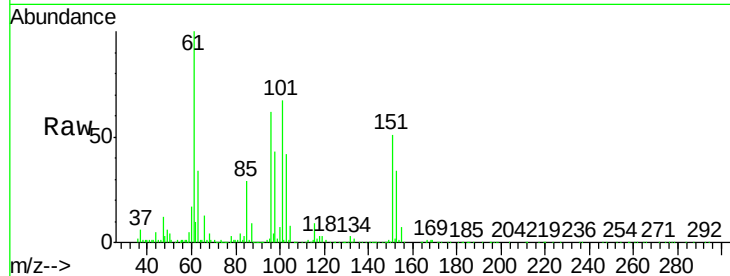
Tot Ion:101 Resp: 44629

Ion Ratio Lower Upper

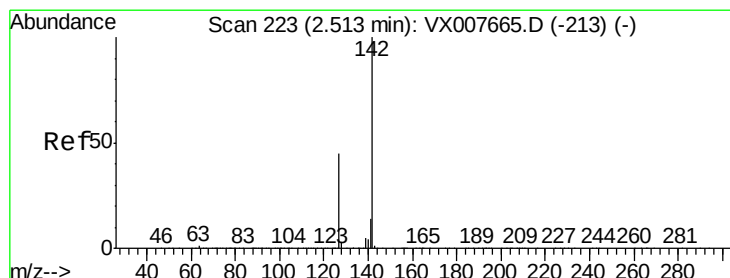
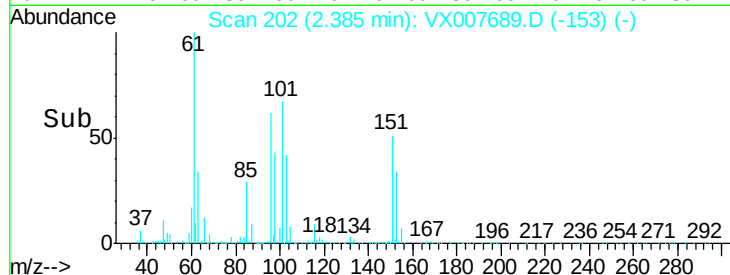
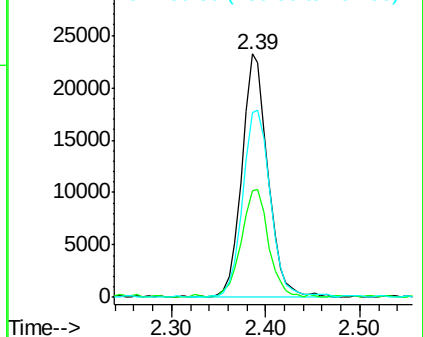
101 100

85 46.3 34.1 51.1

151 81.5 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: 21.928 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

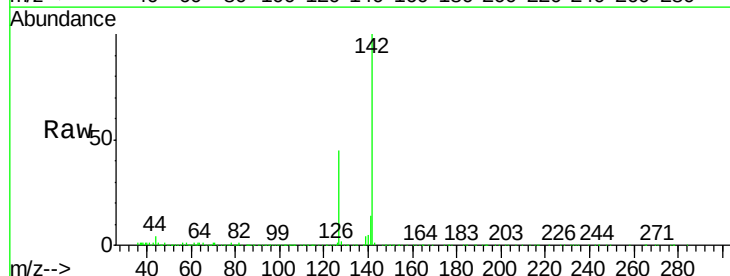
Tgt Ion:142 Resp: 70220

Ion Ratio Lower Upper

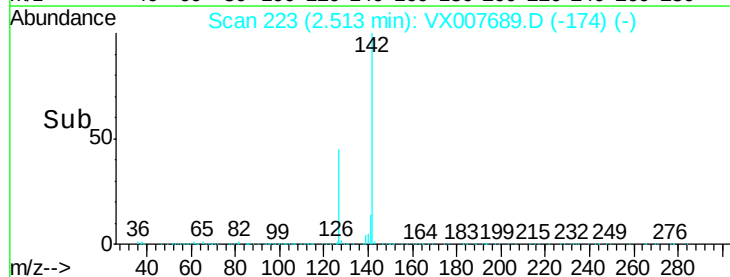
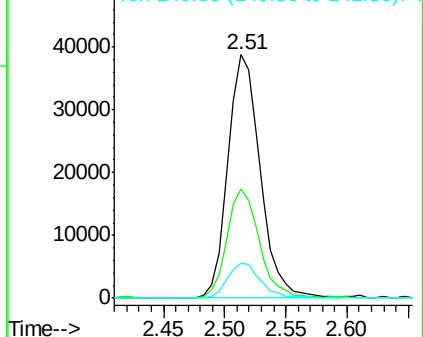
142 100

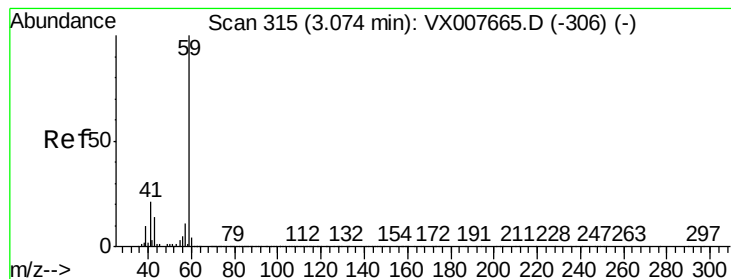
127 45.2 33.7 50.5

141 15.2 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



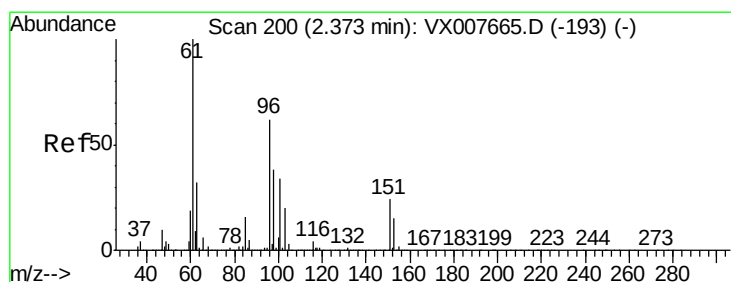
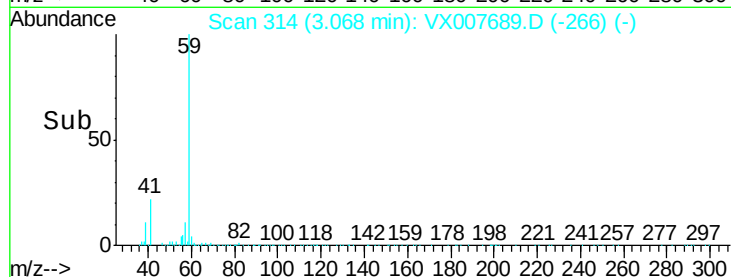
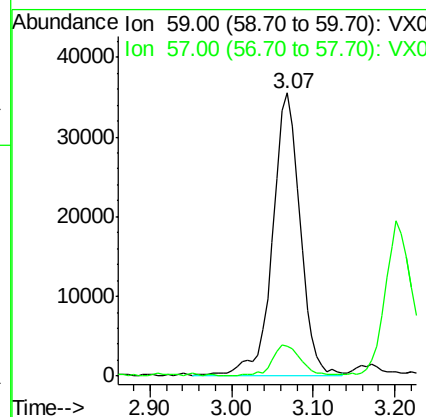
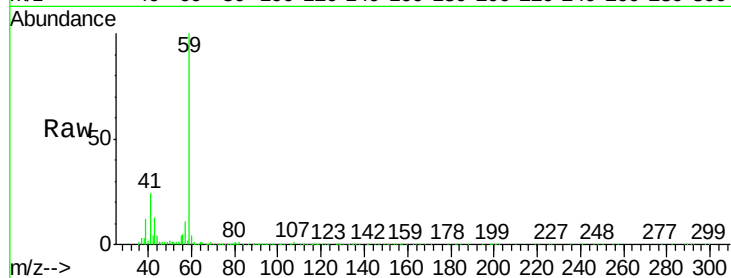


#11

Tert butyl alcohol
 Concen: 132.043 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

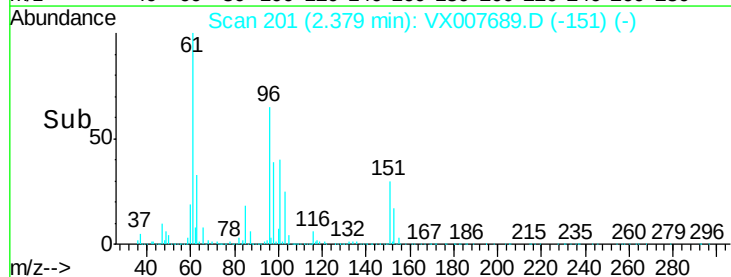
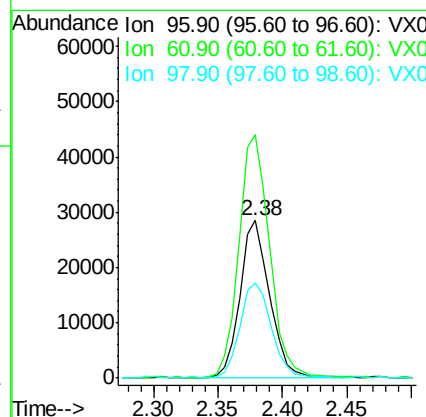
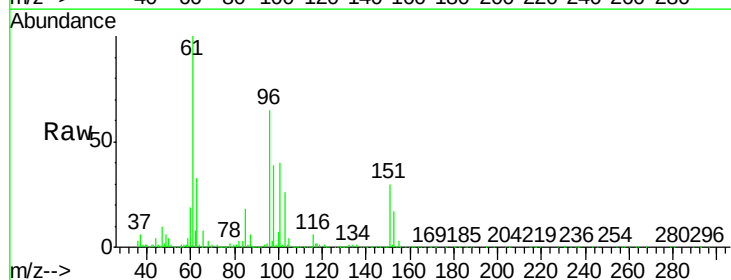
Tot Ion: 59 Resp: 82242
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.1 12.1

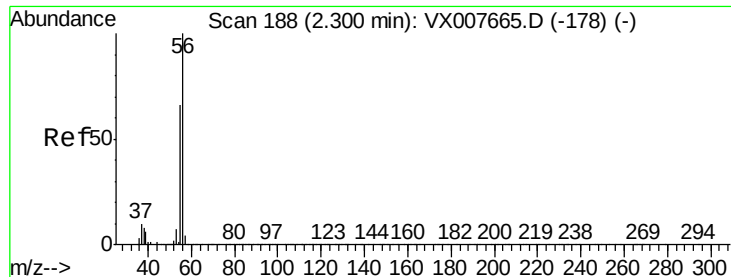


#12

1,1-Dichloroethene
 Concen: 19.713 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion: 96 Resp: 45697
 Ion Ratio Lower Upper
 96 100
 61 154.0 123.0 184.4
 98 60.0 50.9 76.3

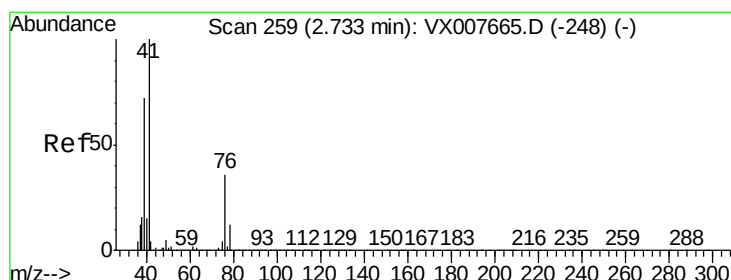
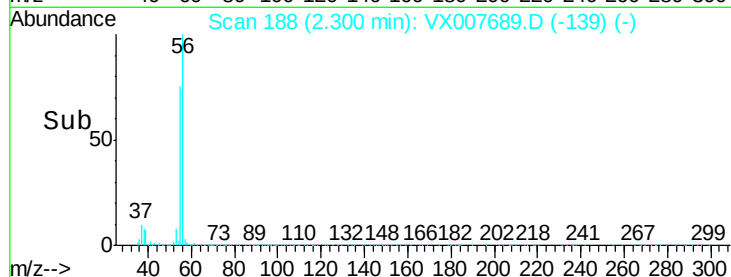
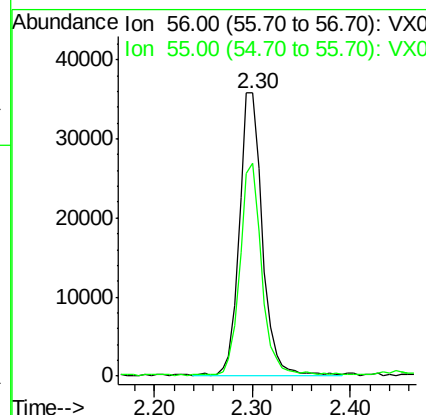
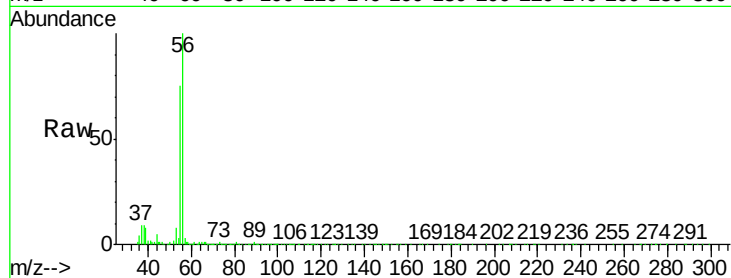




#13
Acrolein
Concen: 105.465 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

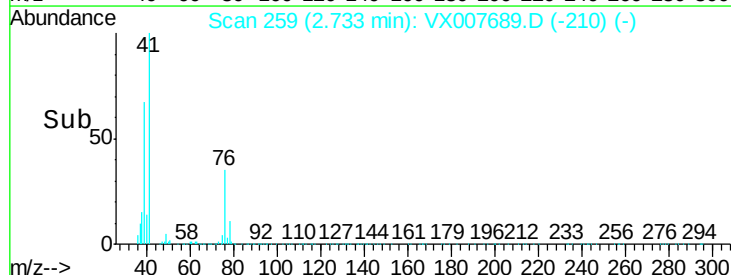
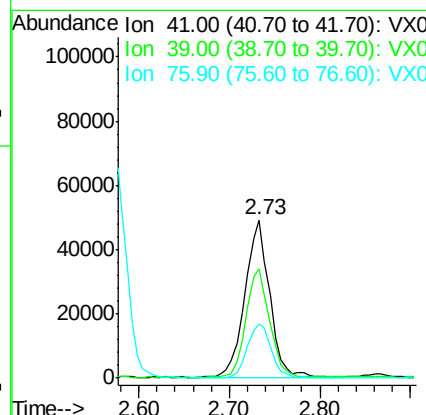
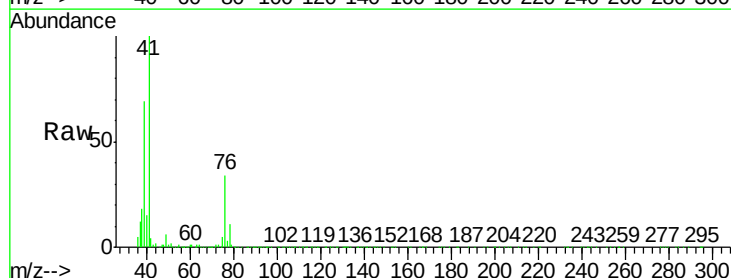
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

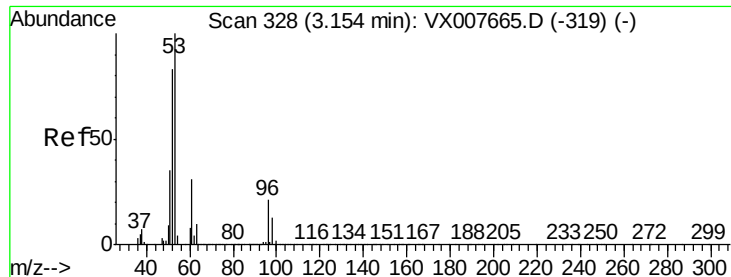
Tot Ion: 56 Resp: 58371
Ion Ratio Lower Upper
56 100
55 70.0 56.9 85.3



#14
Allyl chloride
Concen: 21.768 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion: 41 Resp: 93305
Ion Ratio Lower Upper
41 100
39 65.0 54.1 81.1
76 32.2 27.8 41.8





#15

Acrylonitrile

Concen: 129.008 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

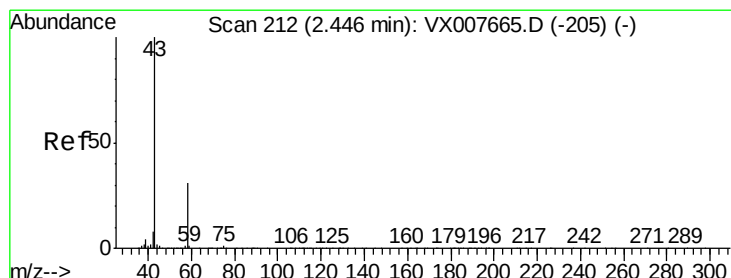
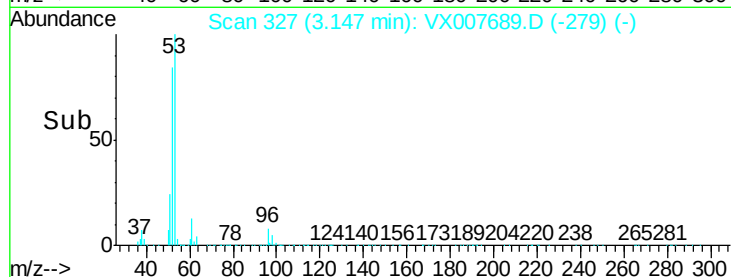
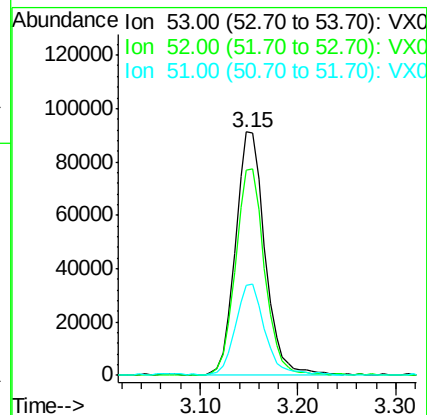
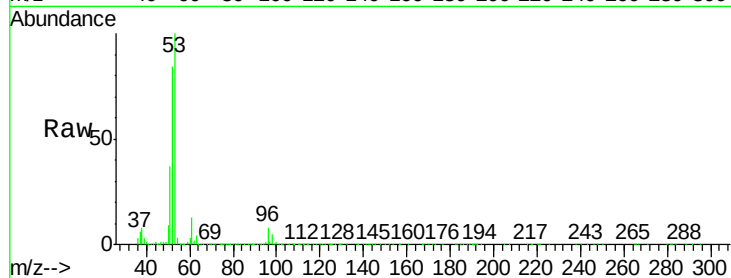
Tot Ion: 53 Resp: 189092

Ion Ratio Lower Upper

53 100

52 83.9 66.4 99.6

51 37.7 28.4 42.6



#16

Acetone

Concen: 114.210 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007689.D

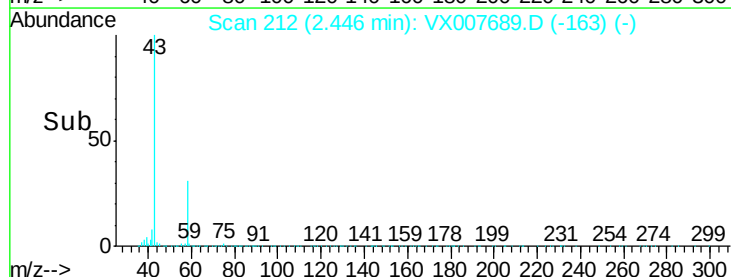
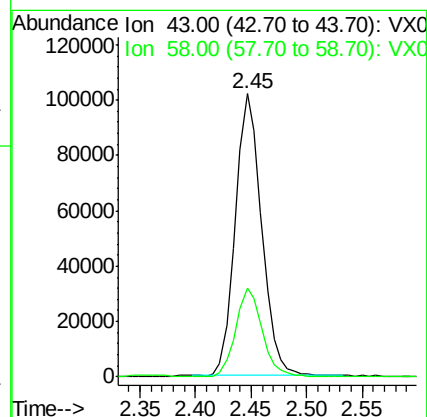
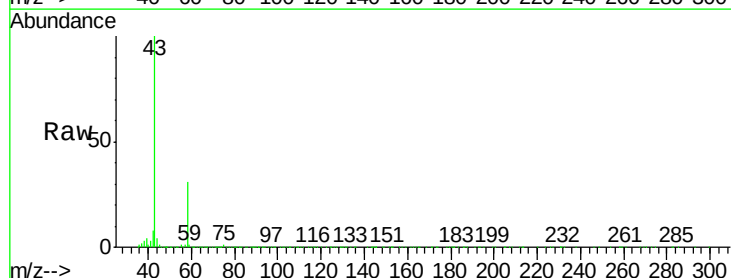
Acq: 26 Feb 2019 02:28

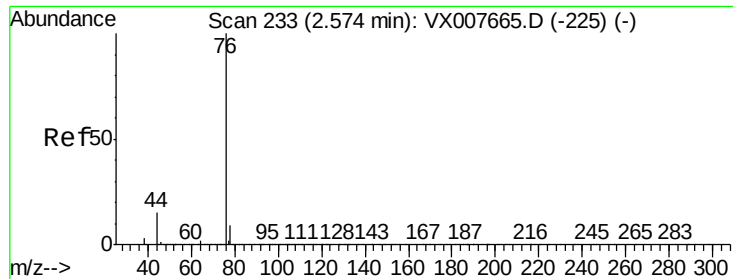
Tgt Ion: 43 Resp: 166726

Ion Ratio Lower Upper

43 100

58 31.5 24.9 37.3





#17

Carbon Disulfide

Concen: 19.181 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

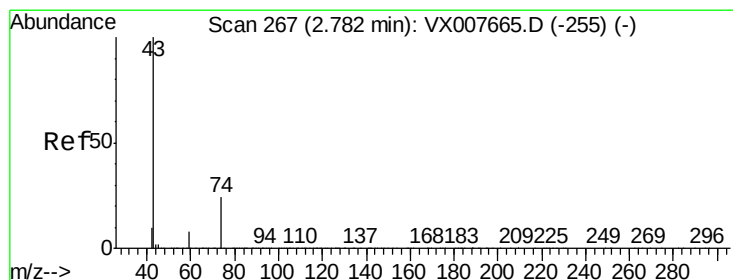
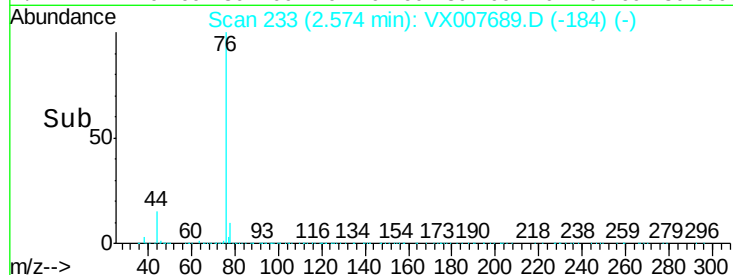
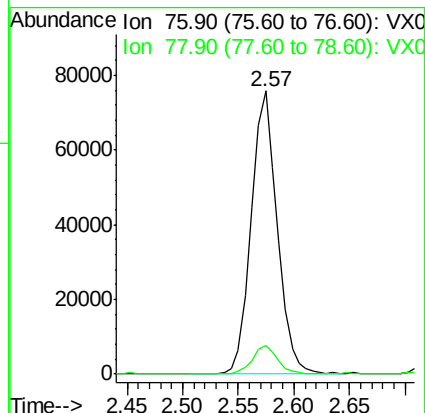
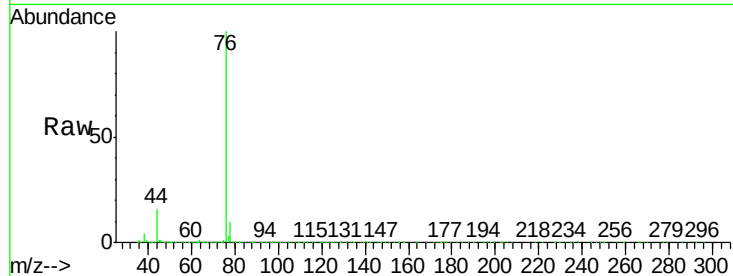
VX0225WBS02

Tot Ion: 76 Resp: 123702

Ion Ratio Lower Upper

76 100

78 10.0 7.1 10.7



#18

Methyl Acetate

Concen: 26.665 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007689.D

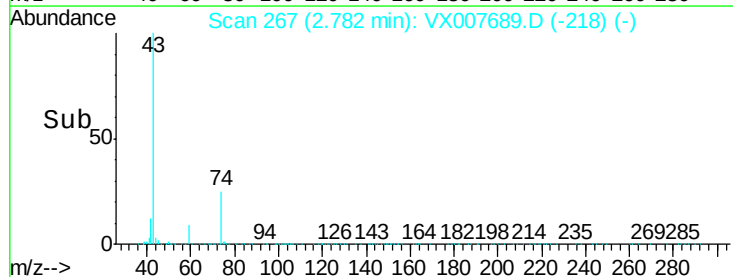
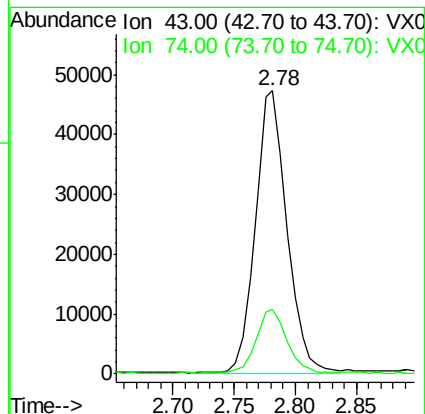
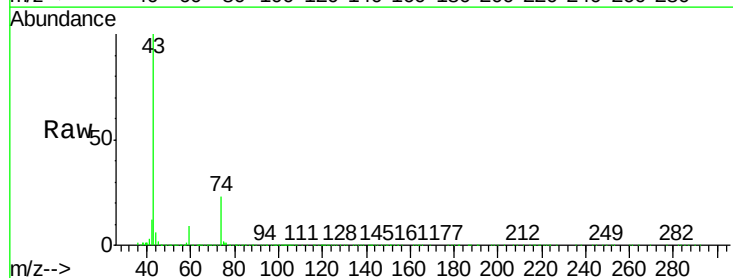
Acq: 26 Feb 2019 02:28

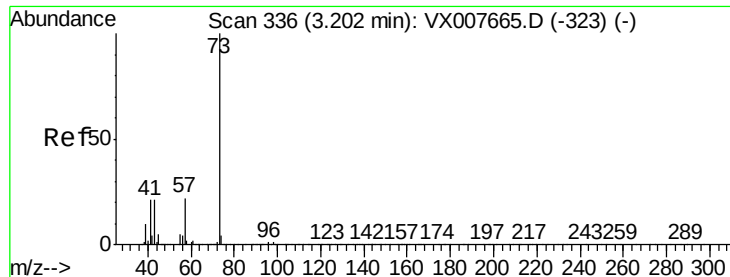
Tgt Ion: 43 Resp: 84942

Ion Ratio Lower Upper

43 100

74 21.9 19.4 29.2

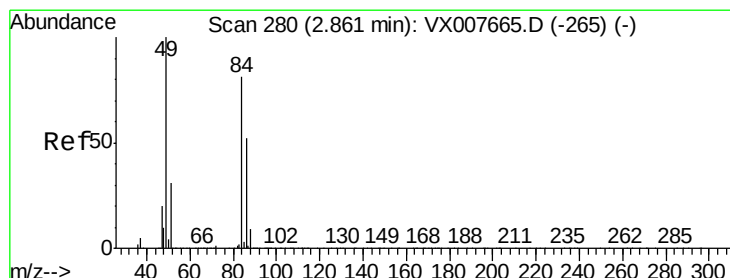
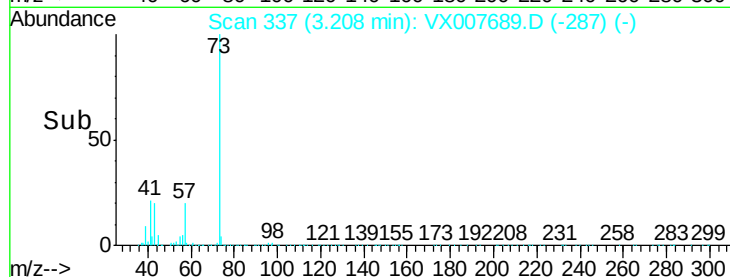
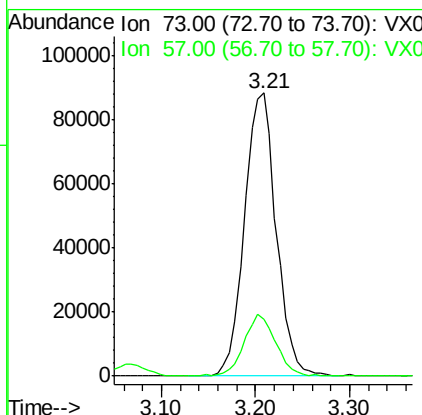
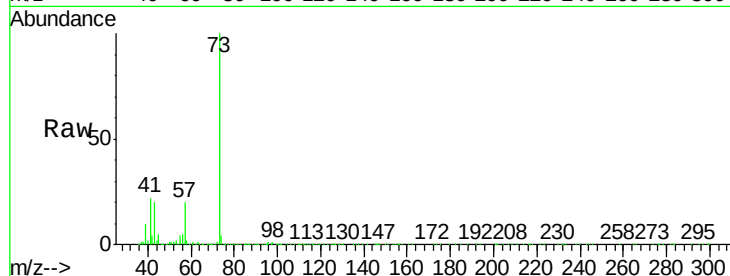




#19
Methyl tert-butyl Ether
Concen: 25.818 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

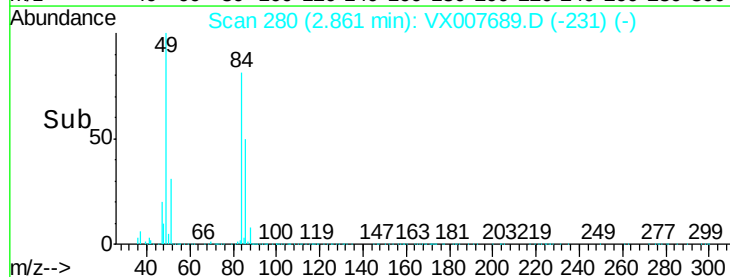
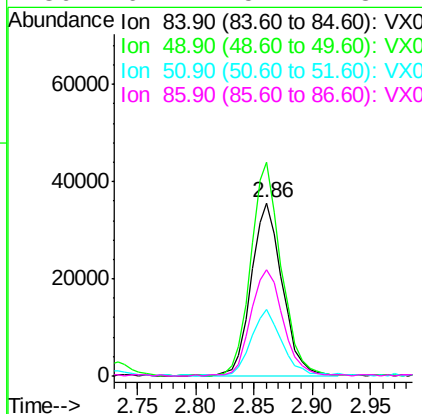
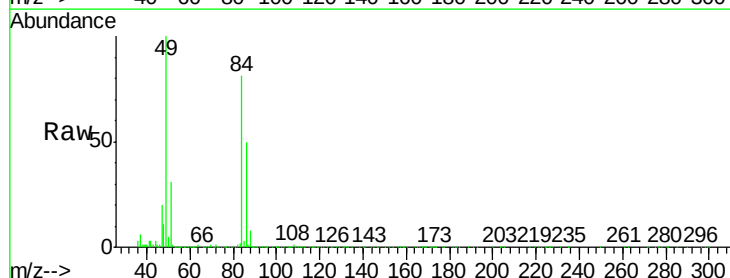
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

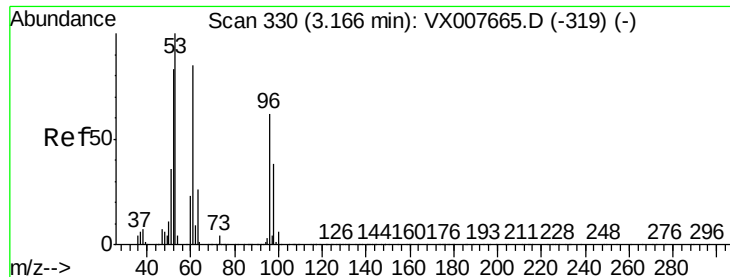
Tot Ion: 73 Resp: 208418
Ion Ratio Lower Upper
73 100
57 20.0 17.8 26.8



#20
Methylene Chloride
Concen: 24.664 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion: 84 Resp: 66483
Ion Ratio Lower Upper
84 100
49 122.7 94.8 142.2
51 37.5 29.8 44.8
86 61.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 21.345 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

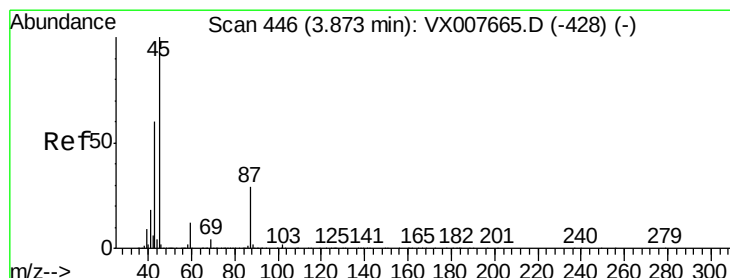
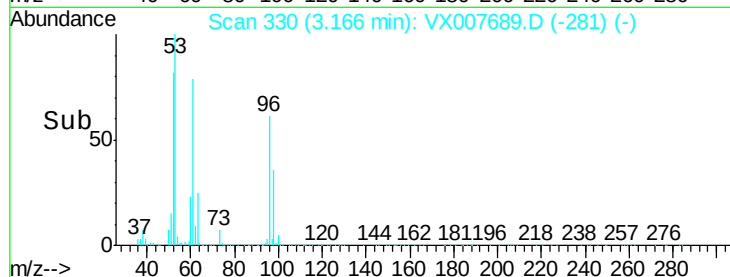
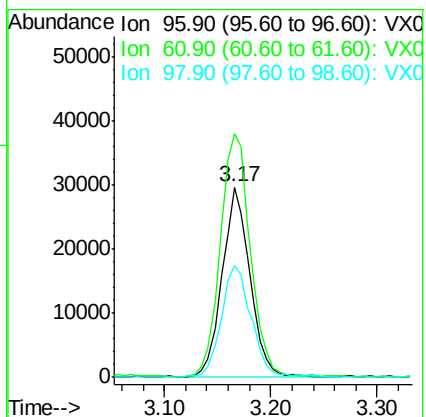
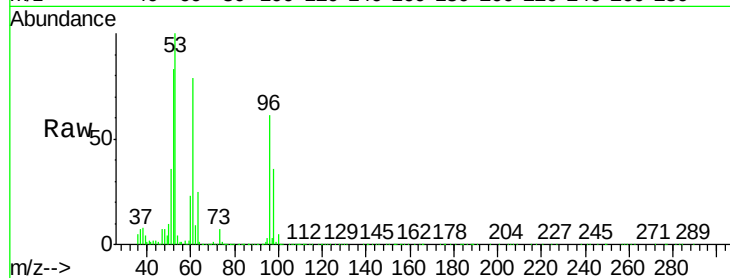
Tot Ion: 96 Resp: 53792

Ion Ratio Lower Upper

96 100

61 127.6 104.6 156.8

98 59.3 51.0 76.4



#22

Diisopropyl ether

Concen: 23.815 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion: 45 Resp: 212500

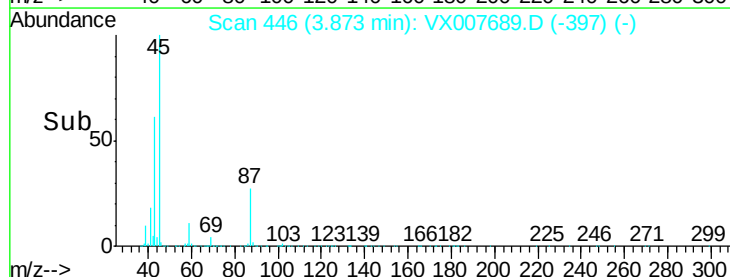
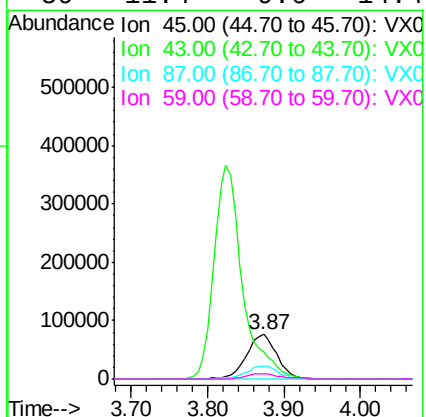
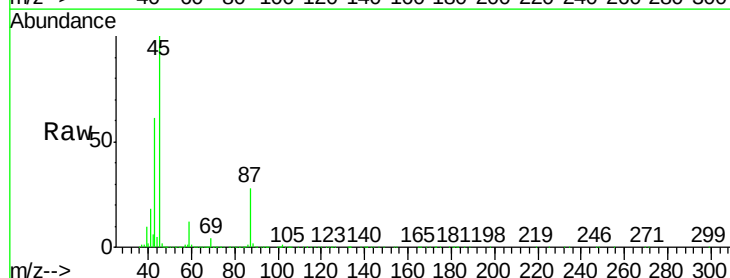
Ion Ratio Lower Upper

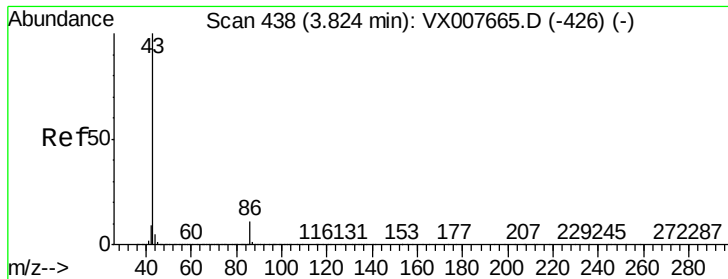
45 100

43 60.8 48.9 73.3

87 27.6 23.9 35.9

59 11.4 9.6 14.4





#23

Vinyl Acetate

Concen: 119.892 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

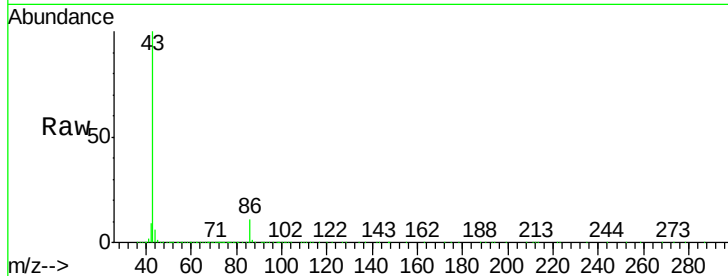
VX0225WBS02

Tot Ion: 43 Resp: 938570

Ion Ratio Lower Upper

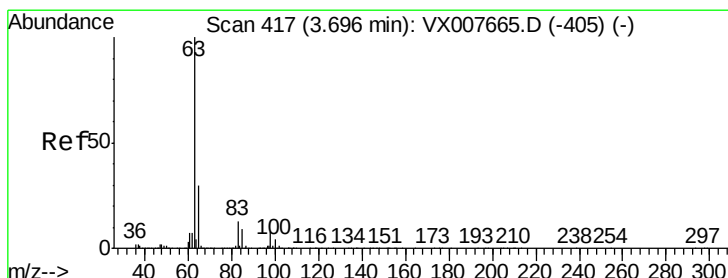
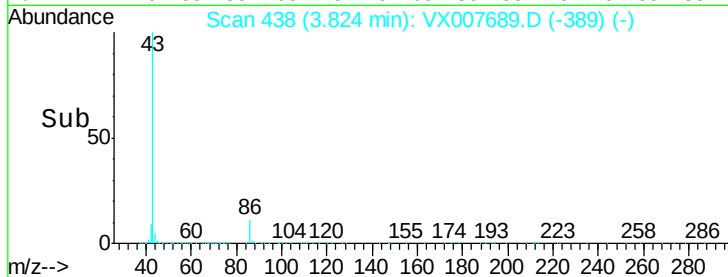
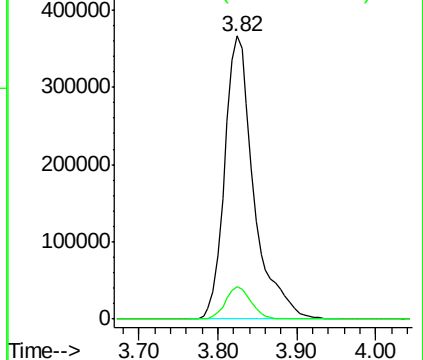
43 100

86 11.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 23.075 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

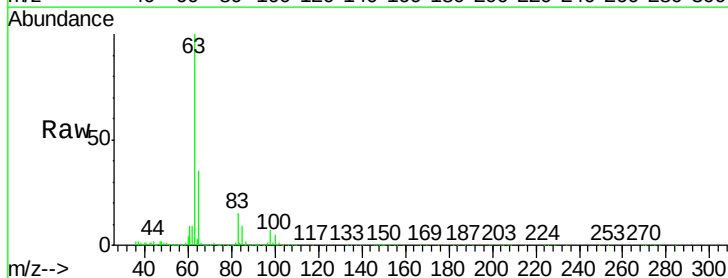
Tgt Ion: 63 Resp: 111897

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

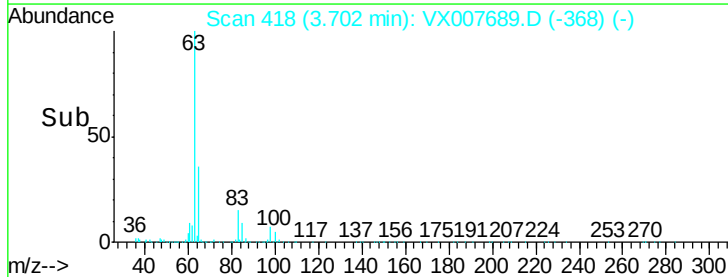
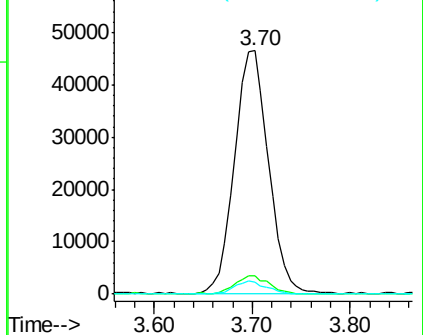
100 4.5 2.5 7.4

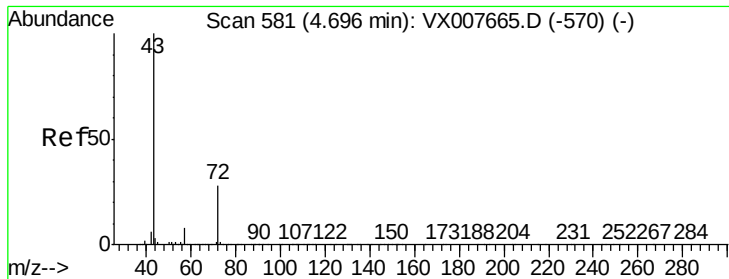


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 121.418 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

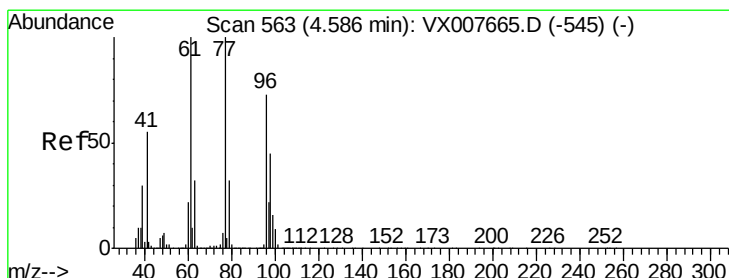
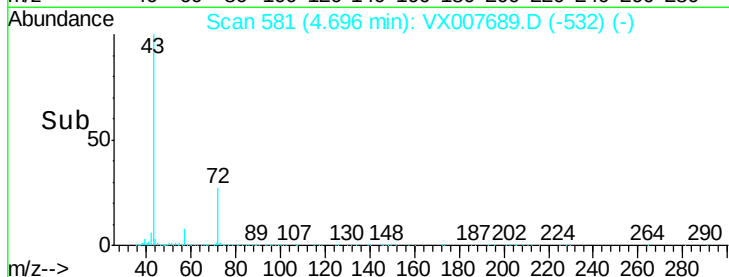
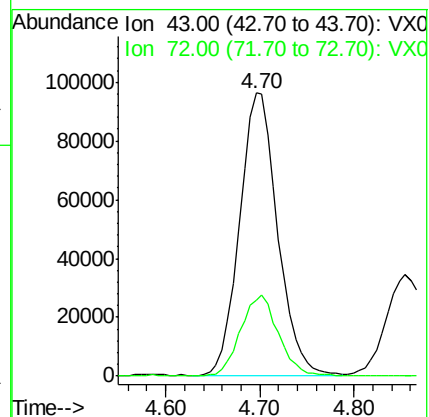
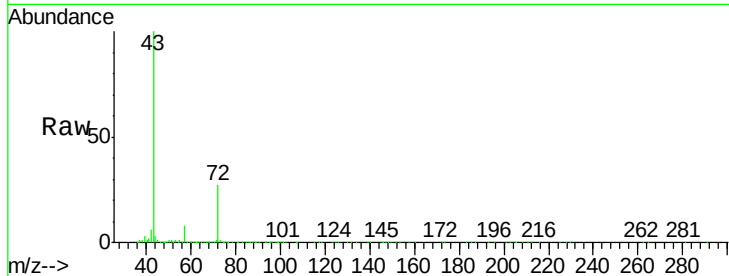
VX0225WBS02

Tot Ion: 43 Resp: 269994

Ion Ratio Lower Upper

43 100

72 26.9 22.2 33.2



#26

2,2-Dichloropropane

Concen: 14.157 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007689.D

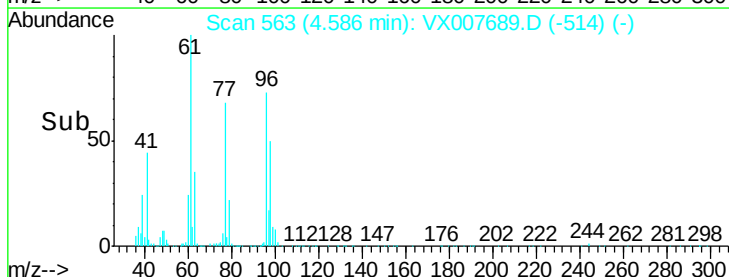
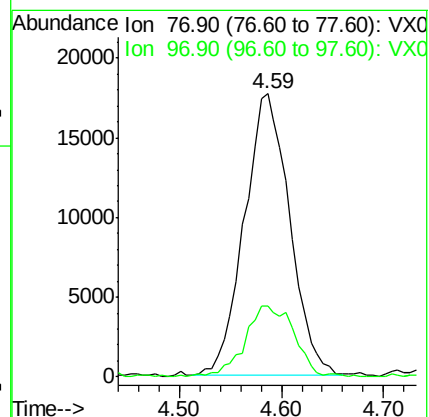
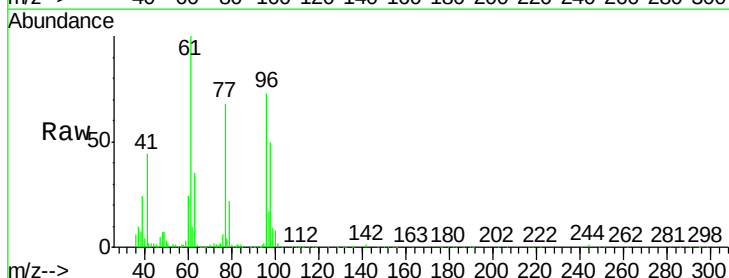
Acq: 26 Feb 2019 02:28

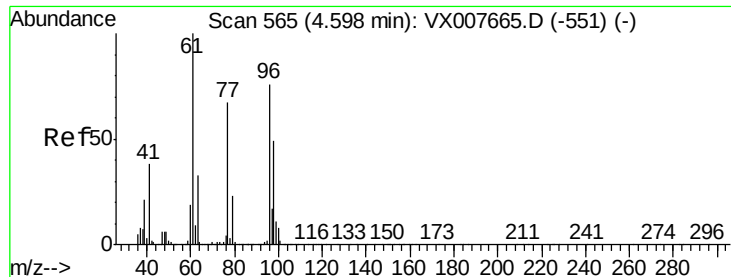
Tgt Ion: 77 Resp: 54799

Ion Ratio Lower Upper

77 100

97 27.6 12.1 36.3



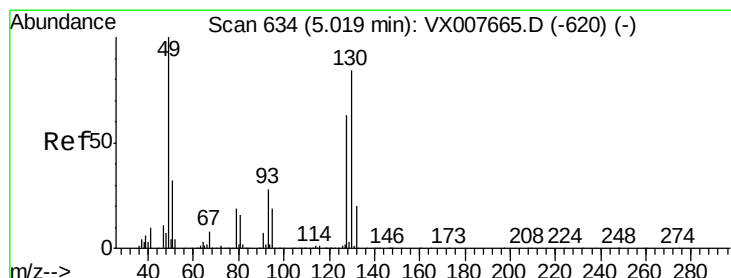
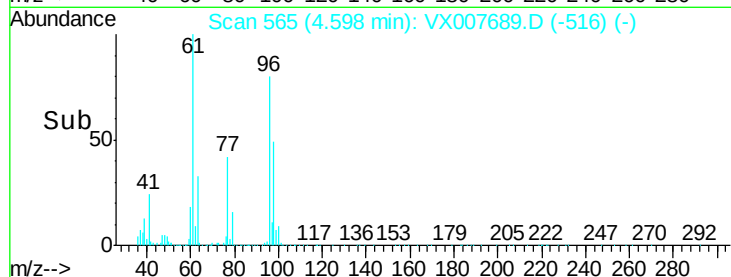
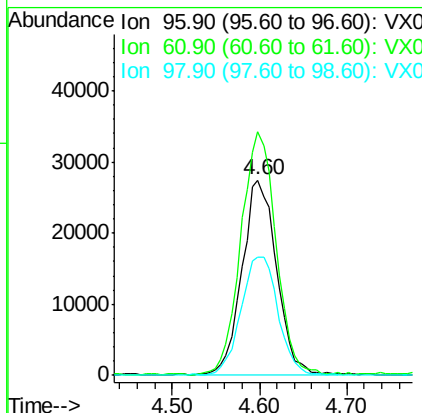
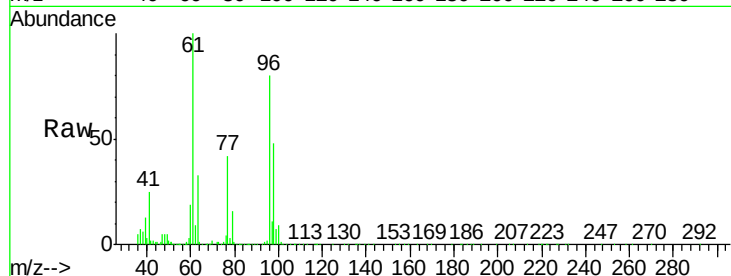


#27

cis-1,2-Dichloroethene
 Concen: 23.434 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

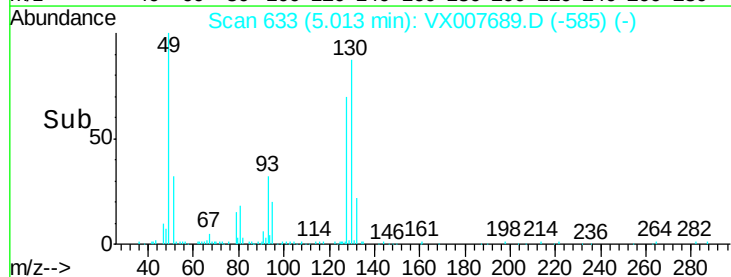
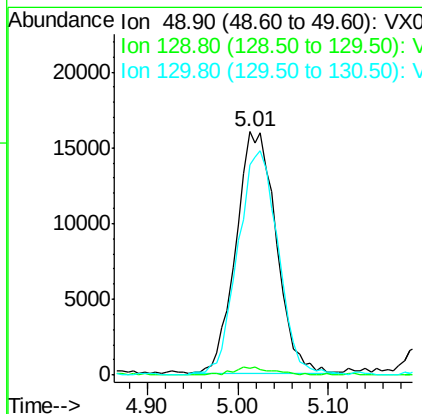
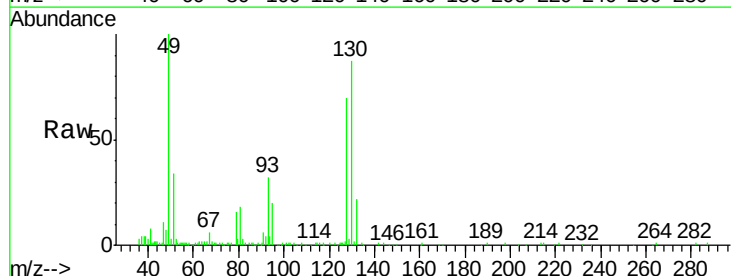
Tot Ion: 96 Resp: 75144
 Ion Ratio Lower Upper
 96 100
 61 126.3 0.0 265.6
 98 64.9 0.0 131.6

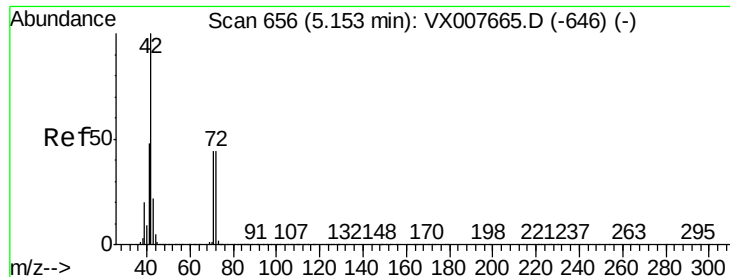


#28

Bromochloromethane
 Concen: 20.659 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion: 49 Resp: 48771
 Ion Ratio Lower Upper
 49 100
 129 3.3 0.0 5.6
 130 93.9 75.6 113.4





#29

Tetrahydrofuran

Concen: 120.491 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

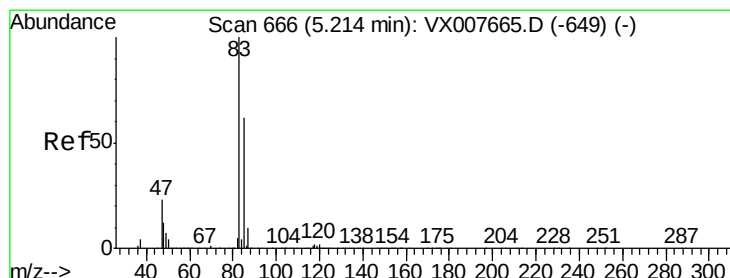
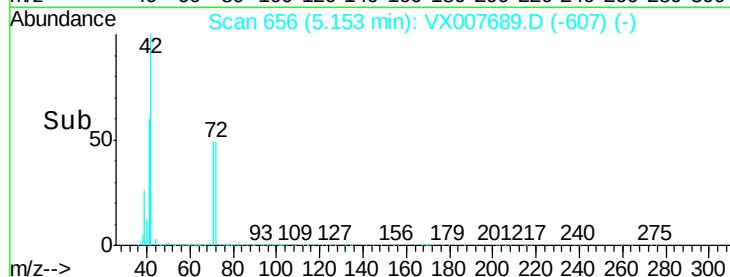
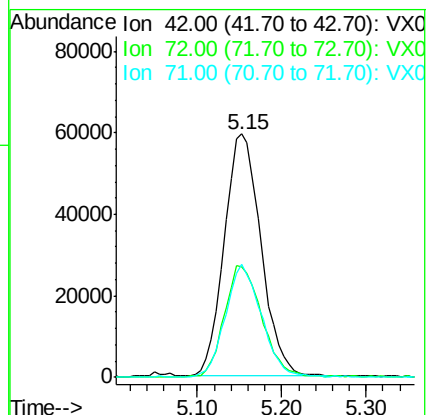
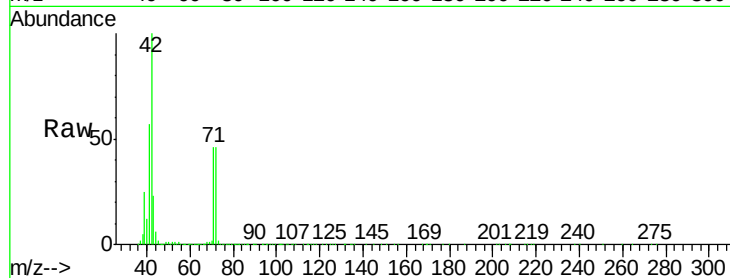
Tot Ion: 42 Resp: 176615

Ion Ratio Lower Upper

42 100

72 47.5 37.6 56.4

71 45.5 34.6 51.8



#30

Chloroform

Concen: 23.160 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007689.D

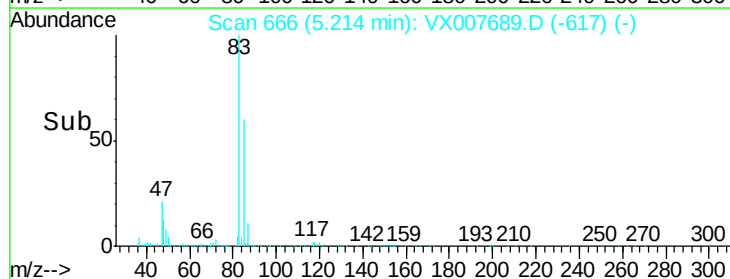
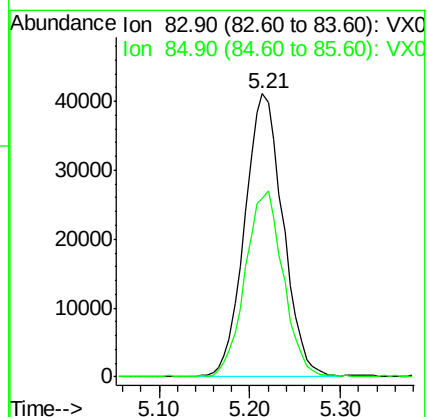
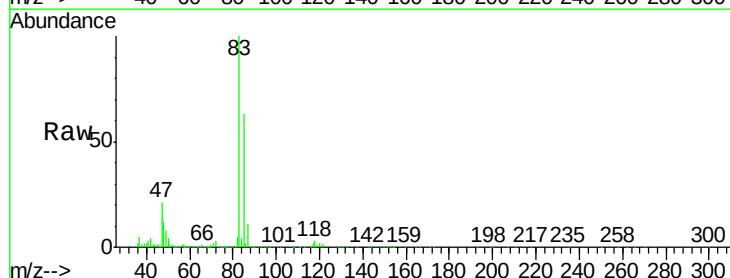
Acq: 26 Feb 2019 02:28

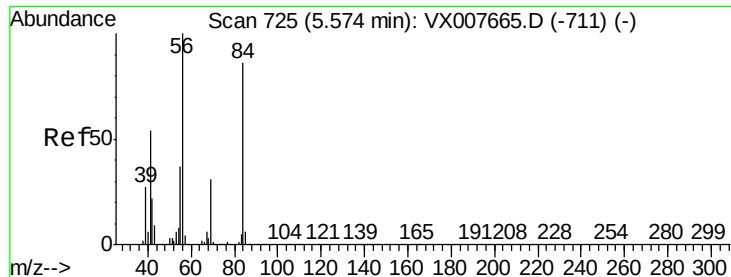
Tgt Ion: 83 Resp: 120306

Ion Ratio Lower Upper

83 100

85 63.3 51.6 77.4

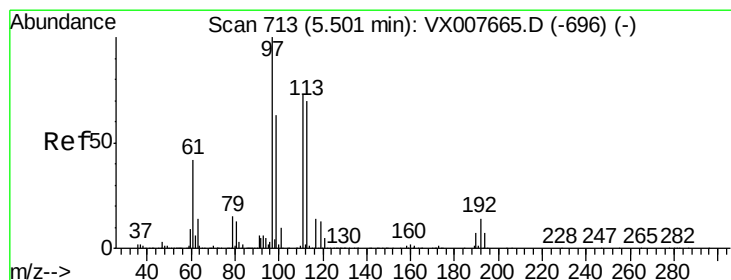
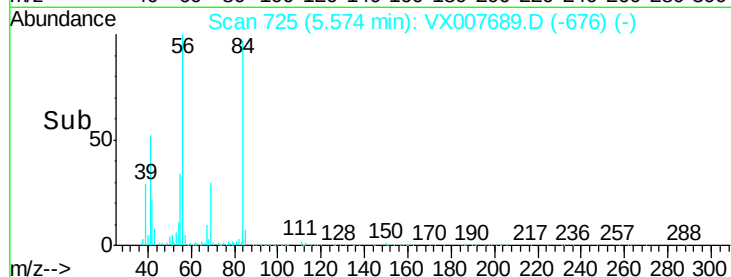
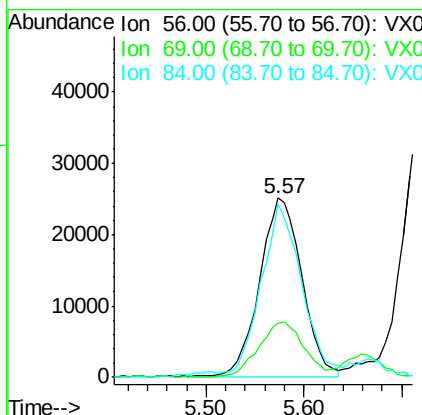
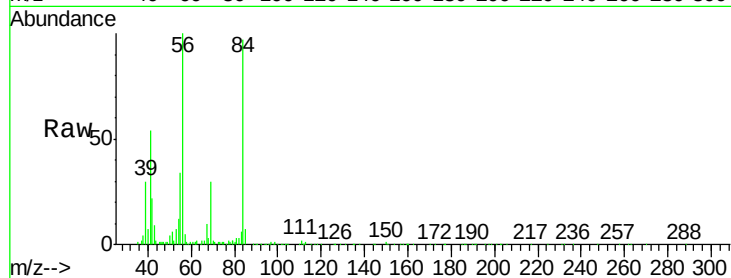




#31
Cyclohexane
Concen: 16.730 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

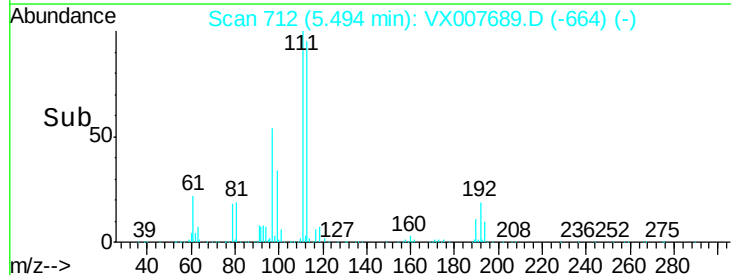
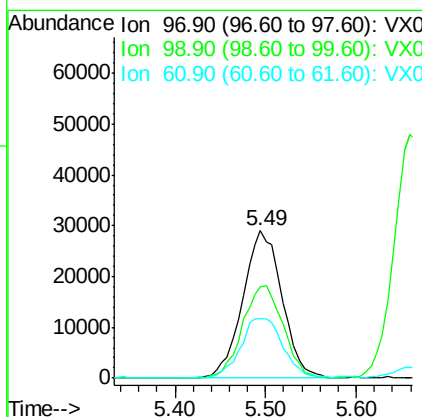
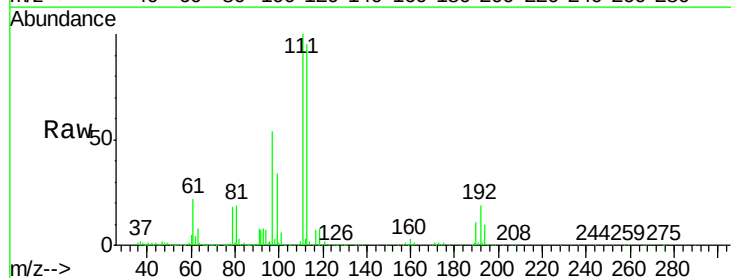
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

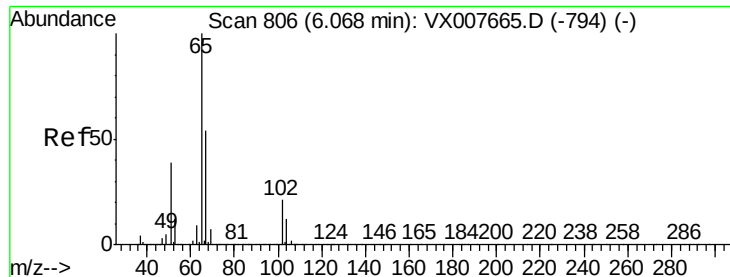
Tot Ion: 56 Resp: 76314
Ion Ratio Lower Upper
56 100
69 29.4 23.0 34.6
84 94.7 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 20.188 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion: 97 Resp: 86726
Ion Ratio Lower Upper
97 100
99 65.1 52.2 78.2
61 43.1 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 58.089 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

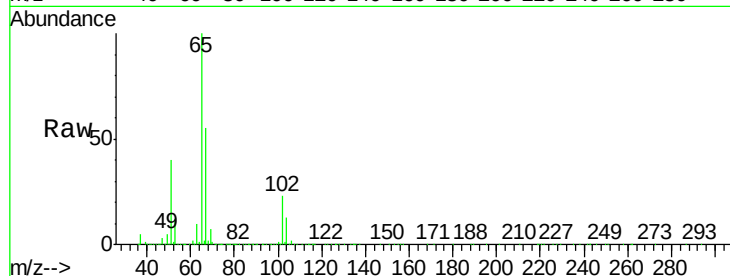
VX0225WBS02

Tot Ion: 65 Resp: 190689

Ion Ratio Lower Upper

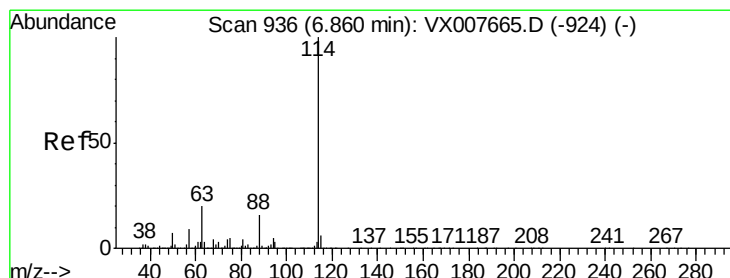
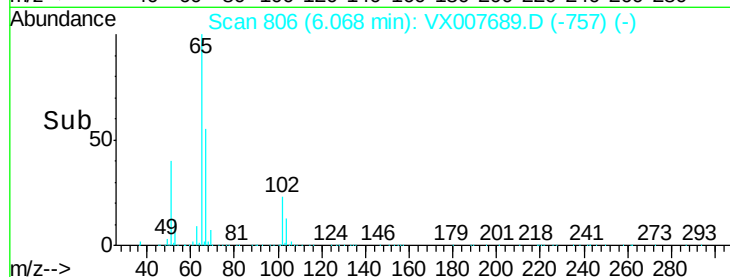
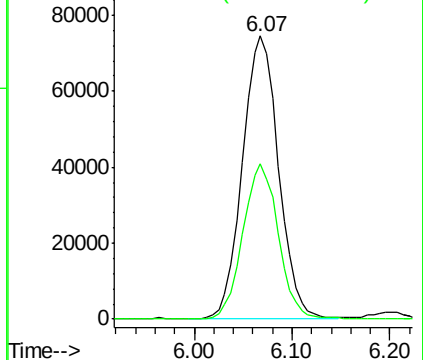
65 100

67 53.8 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

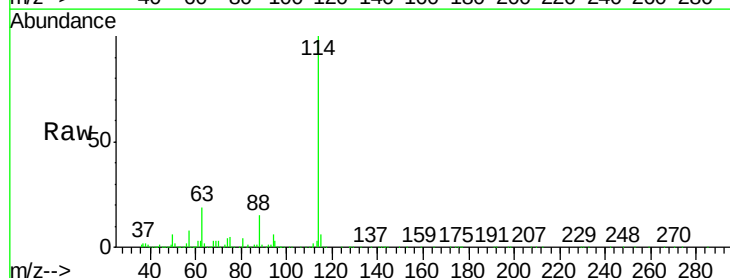
Tgt Ion: 114 Resp: 465581

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

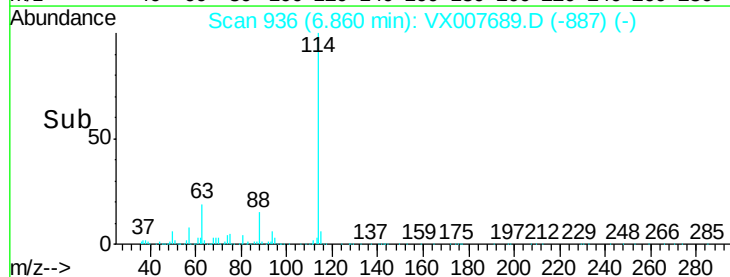
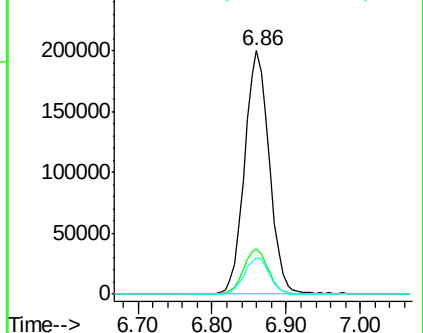
88 14.9 0.0 29.6

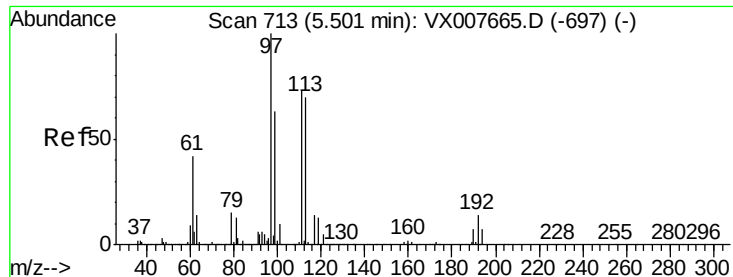


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.866 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

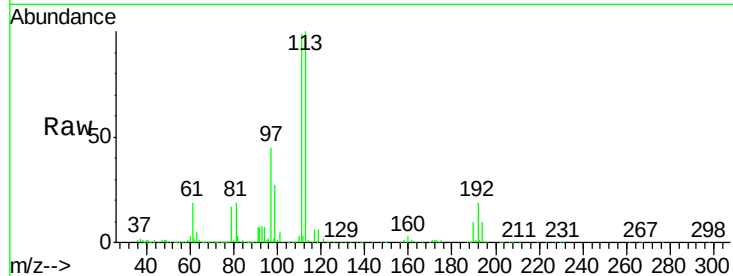
Tot Ion:113 Resp: 164534

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

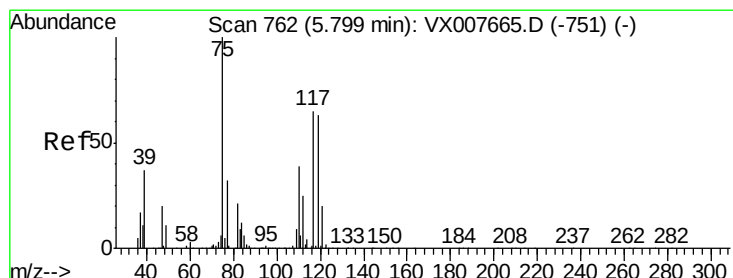
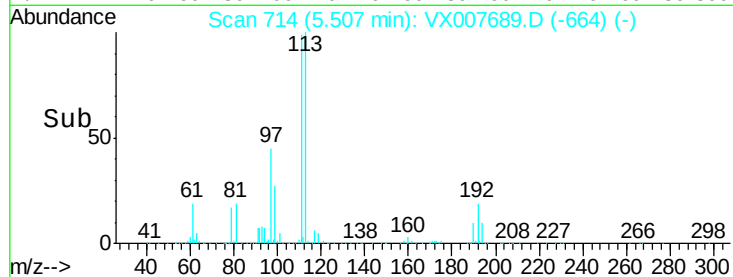
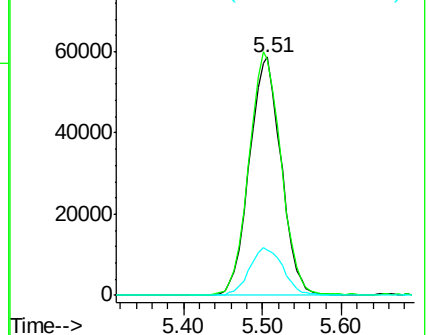
192 21.1 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.284 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

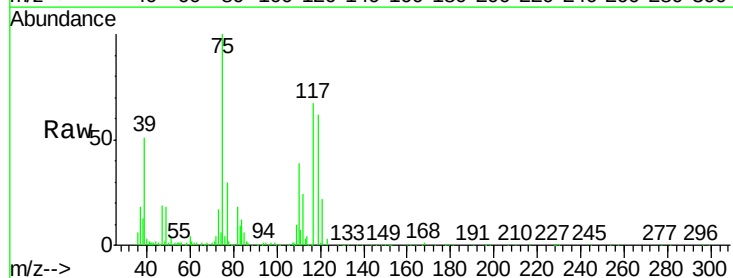
Tgt Ion: 75 Resp: 72348

Ion Ratio Lower Upper

75 100

110 39.6 20.0 59.9

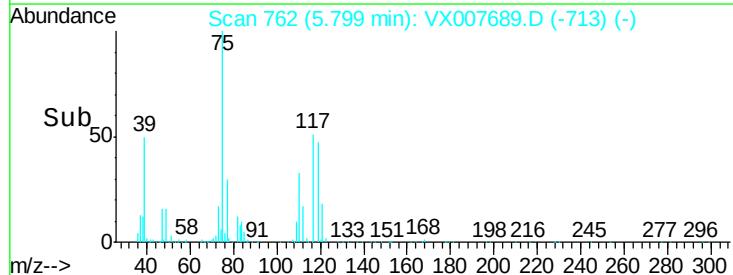
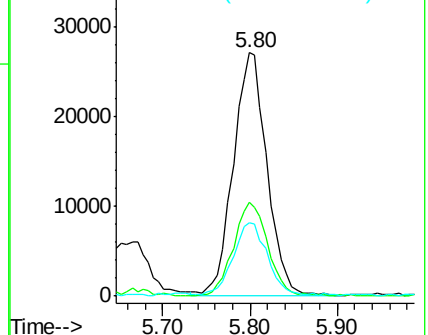
77 30.0 24.7 37.1

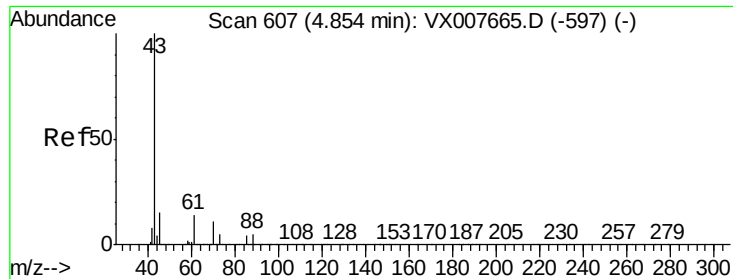


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

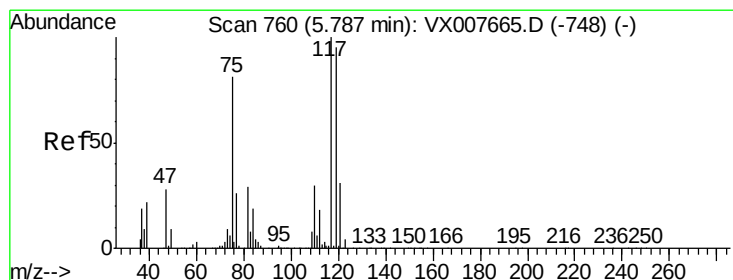
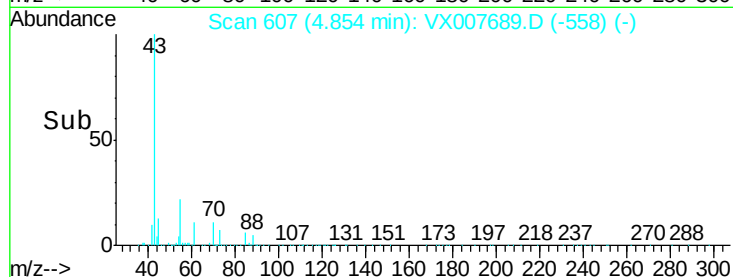
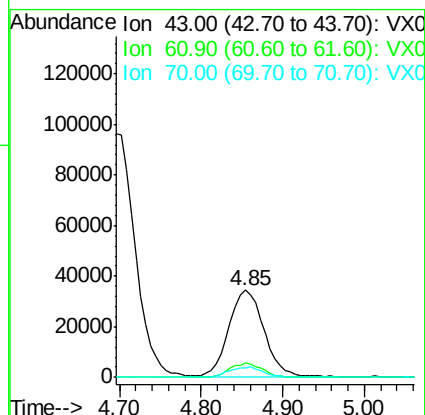
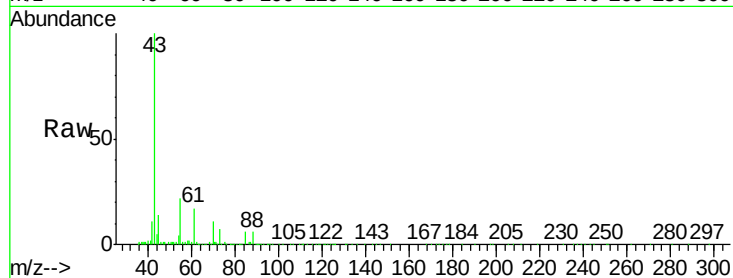




#37
Ethyl Acetate
Concen: 22.001 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

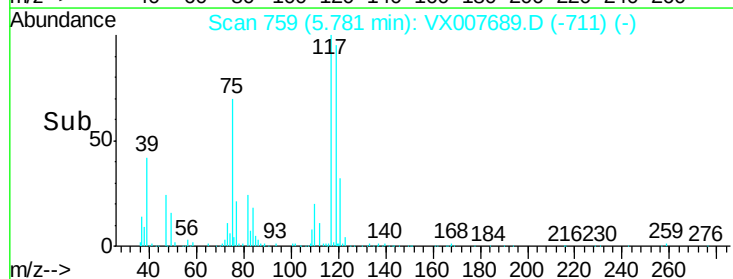
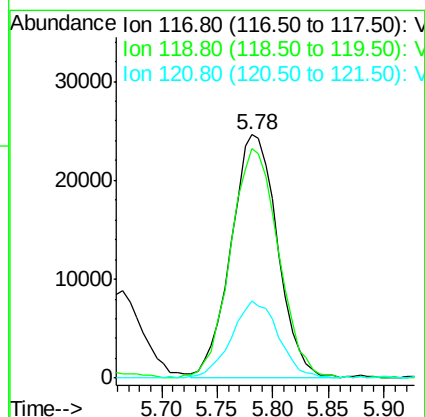
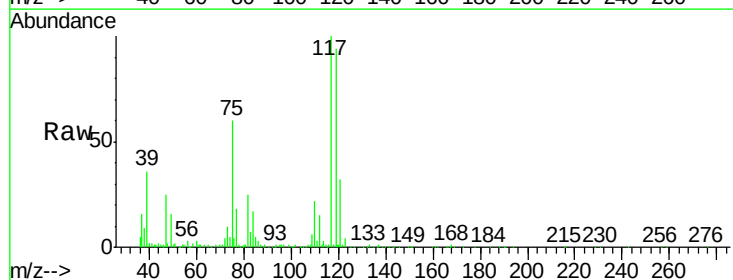
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

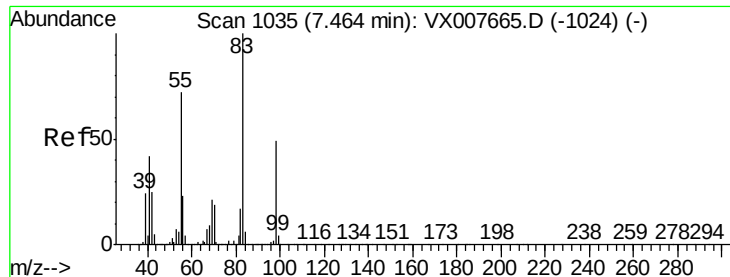
Tot Ion: 43 Resp: 102297
Ion Ratio Lower Upper
43 100
61 15.6 11.3 16.9
70 11.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 16.819 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion: 117 Resp: 70717
Ion Ratio Lower Upper
117 100
119 94.4 75.3 112.9
121 31.8 25.0 37.4

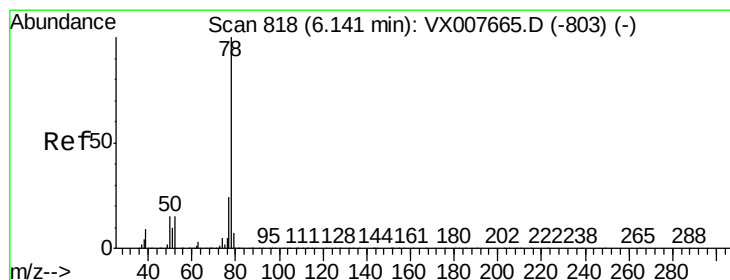
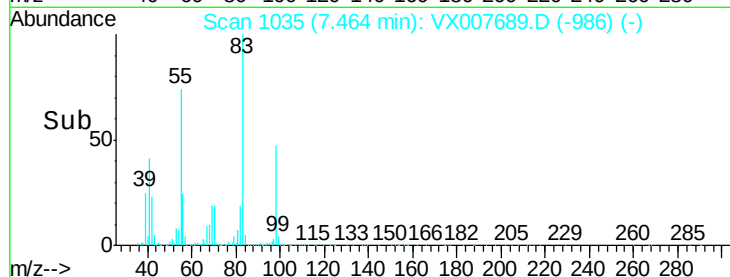
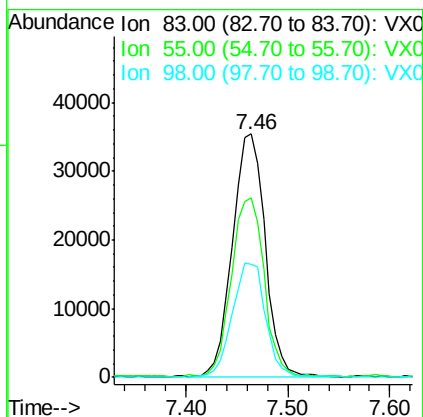
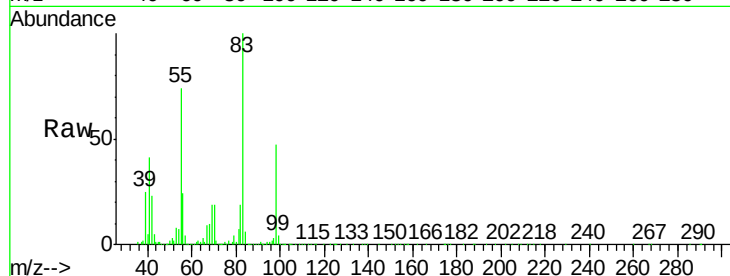




#39
Methylvlcyclohexane
Concen: 14.874 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

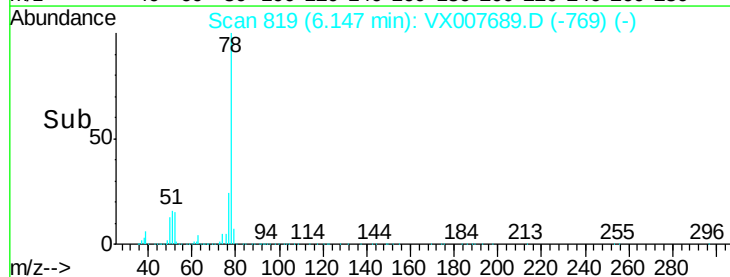
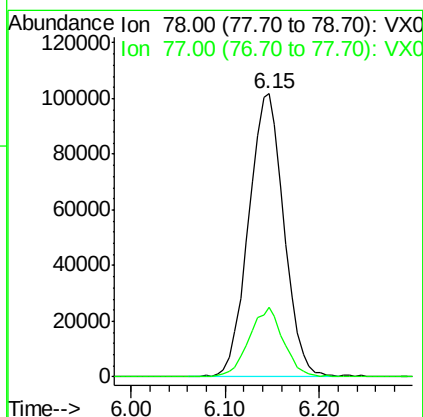
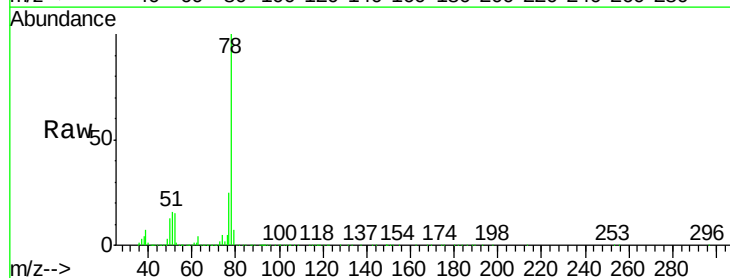
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

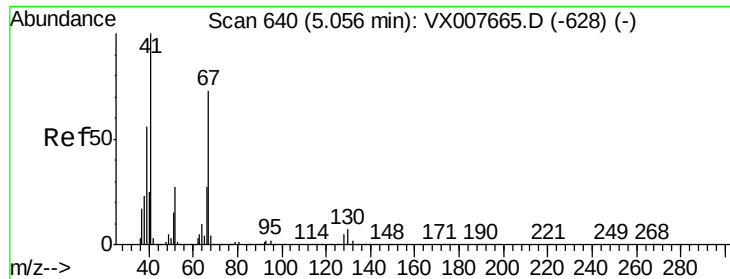
Tot Ion: 83 Resp: 78684
Ion Ratio Lower Upper
83 100
55 73.0 56.2 84.2
98 46.8 36.8 55.2



#40
Benzene
Concen: 20.692 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion: 78 Resp: 267360
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





#41

Methacrylonitrile

Concen: 22.831 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 41 Resp: 56687

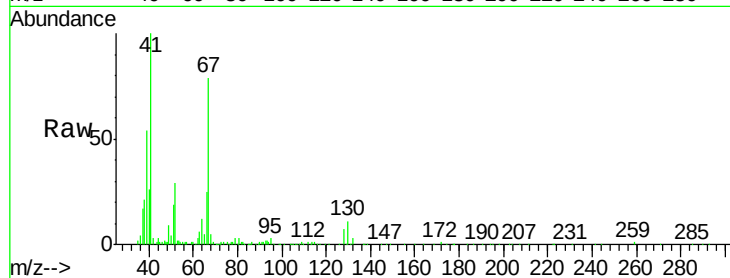
Ion Ratio Lower Upper

41 100

39 54.7 44.5 66.7

67 79.0 60.4 90.6

52 32.2 24.1 36.1

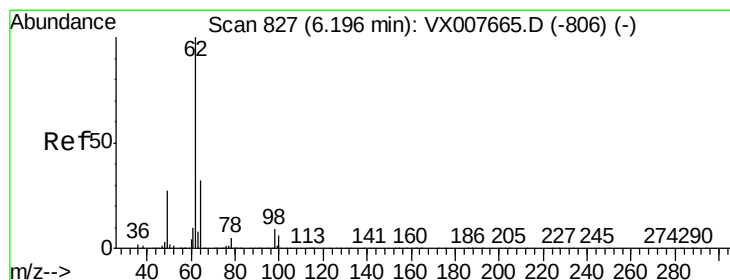
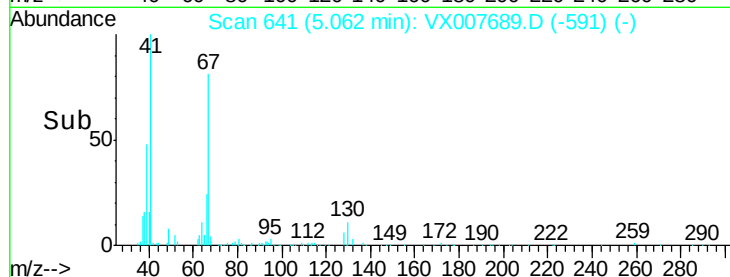
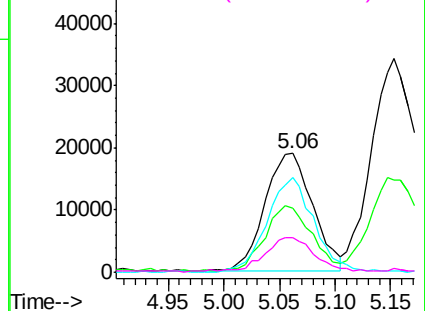


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.763 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007689.D

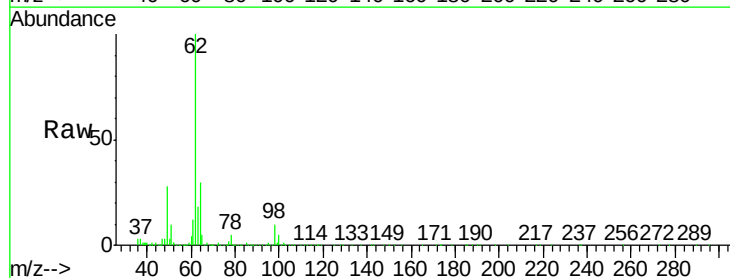
Acq: 26 Feb 2019 02:28

Tgt Ion: 62 Resp: 98859

Ion Ratio Lower Upper

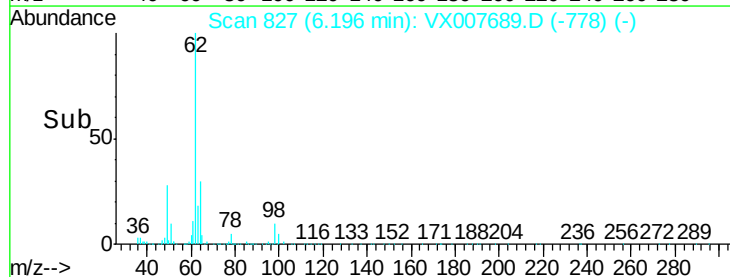
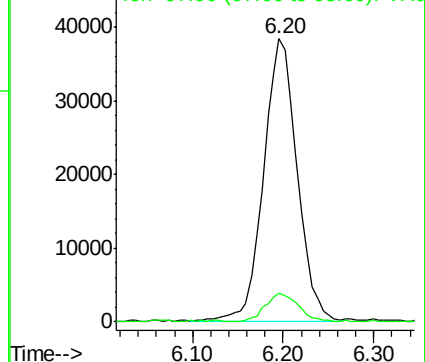
62 100

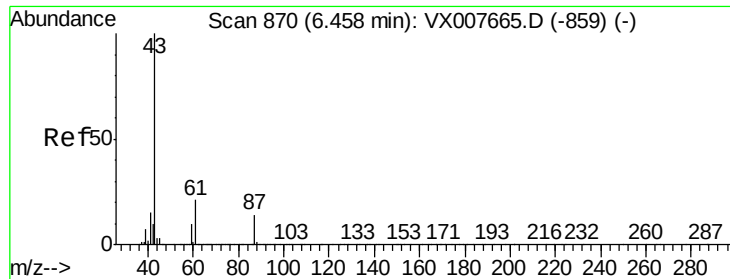
98 10.1 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

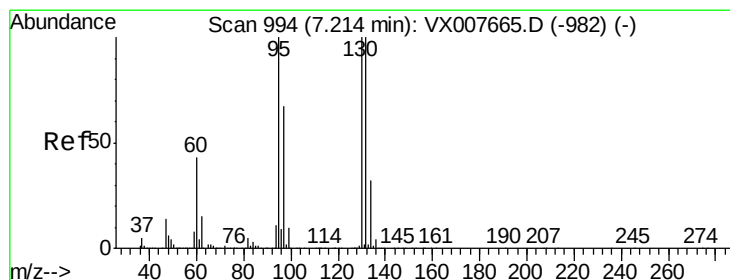
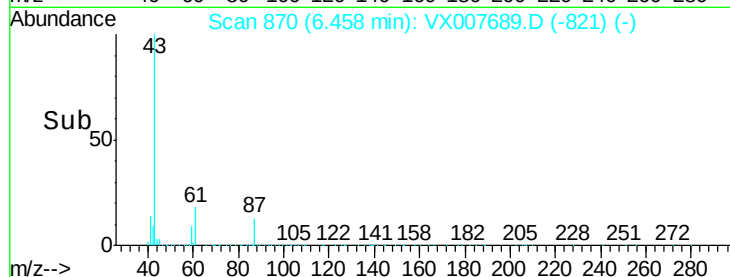
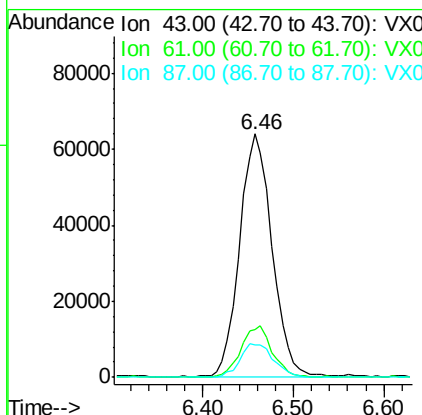
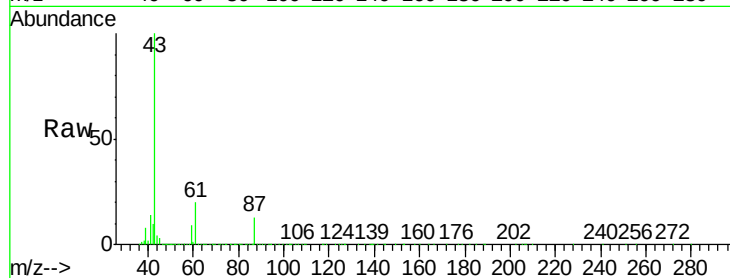




#43
Isopropyl Acetate
Concen: 21.985 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

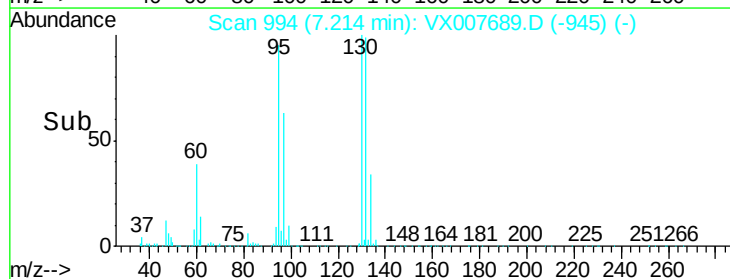
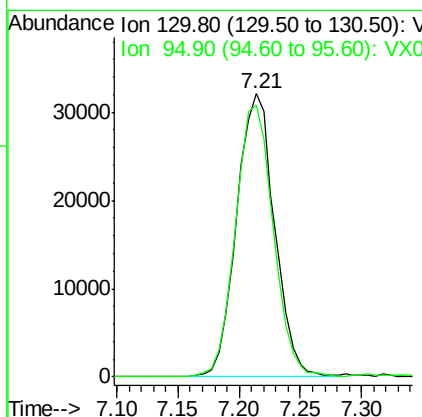
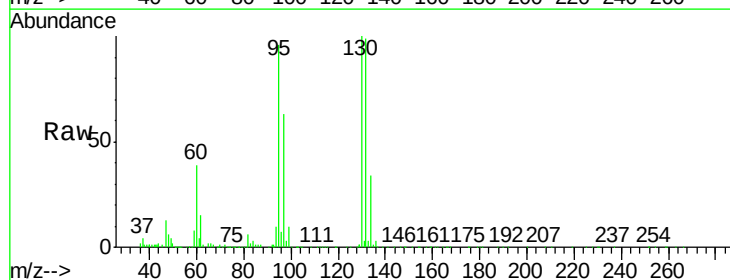
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

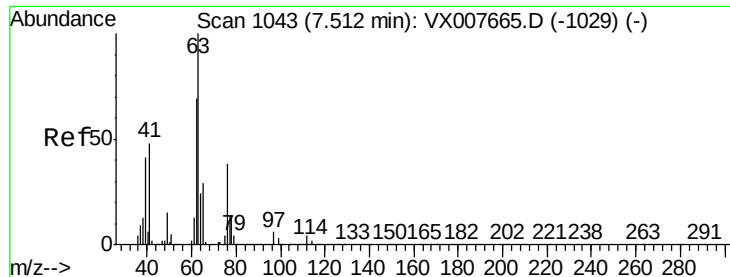
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	14.6	11.5	17.3



#44
Trichloroethene
Concen: 19.436 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	180.0





#45

1,2-Dichloropropane

Concen: 21.549 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

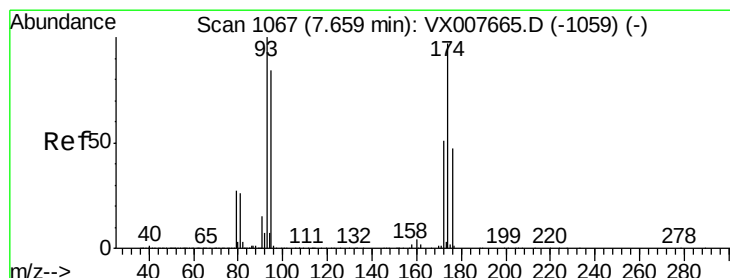
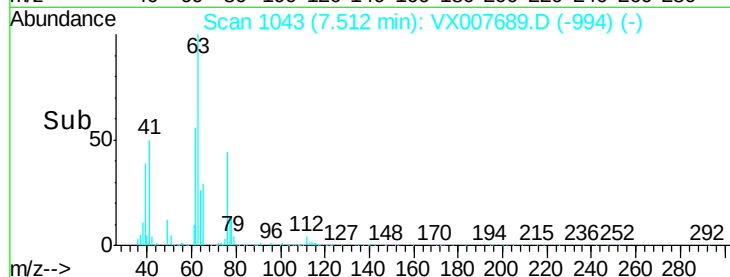
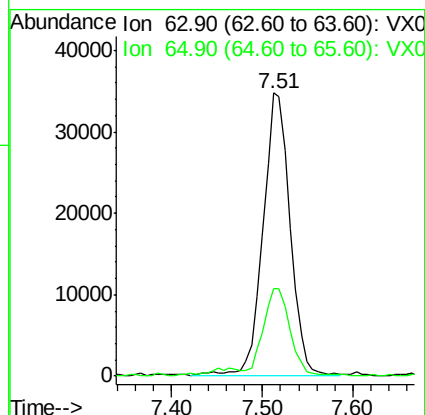
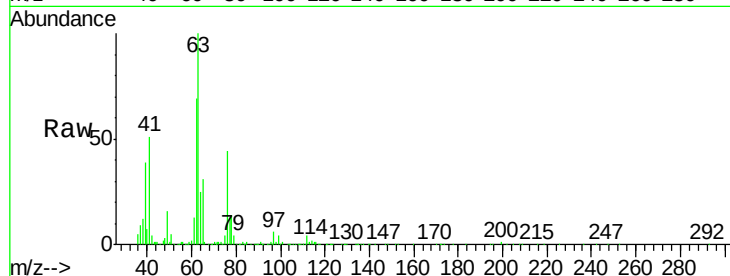
VX0225WBS02

Tot Ion: 63 Resp: 72127

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.2



#46

Dibromomethane

Concen: 22.359 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

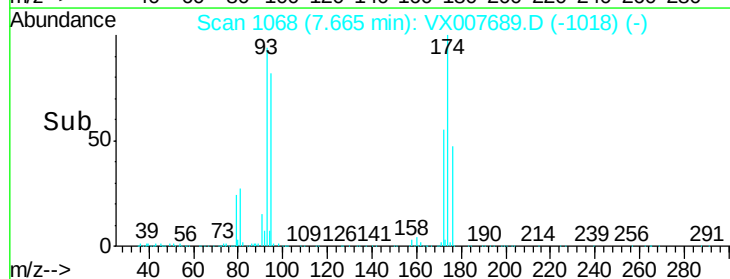
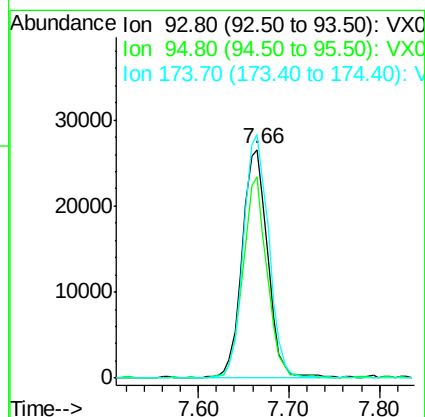
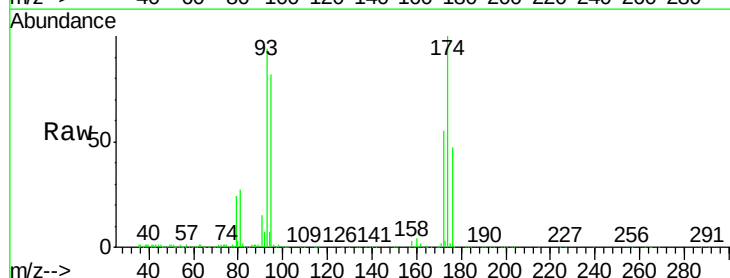
Tgt Ion: 93 Resp: 52210

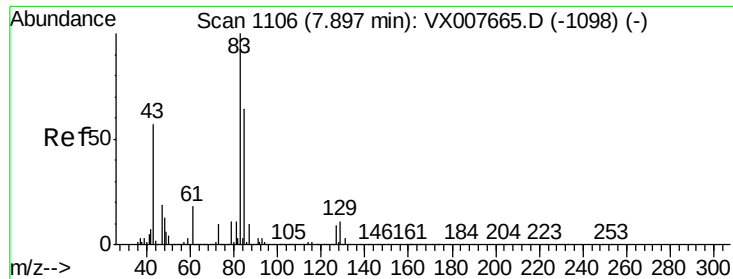
Ion Ratio Lower Upper

93 100

95 82.8 67.6 101.4

174 105.3 94.2 141.4





#47

Bromodichloromethane

Concen: 21.384 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

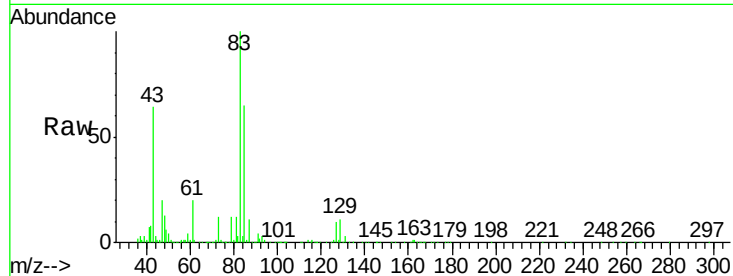
Tot Ion: 83 Resp: 86532

Ion Ratio Lower Upper

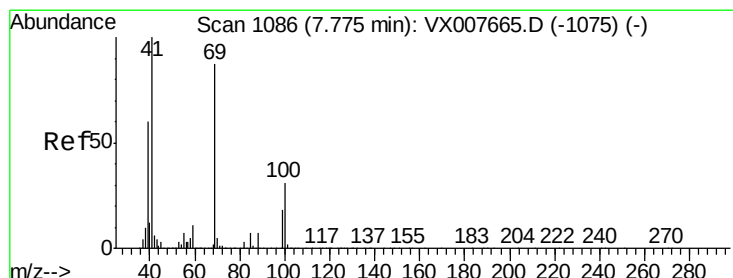
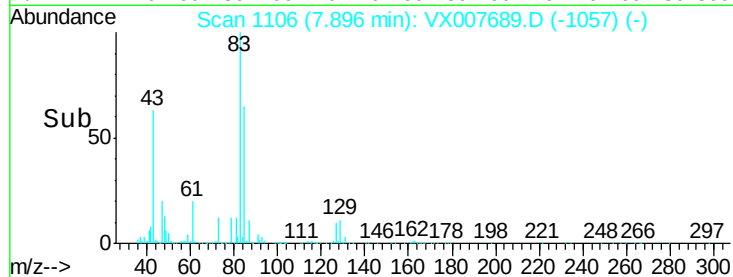
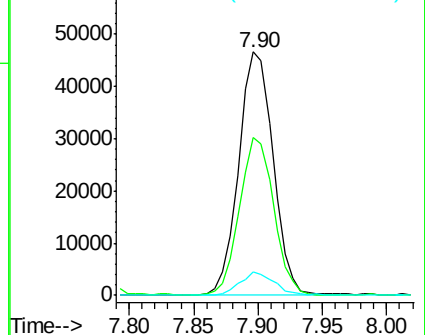
83 100

85 64.7 51.4 77.0

127 9.7 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: 22.049 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

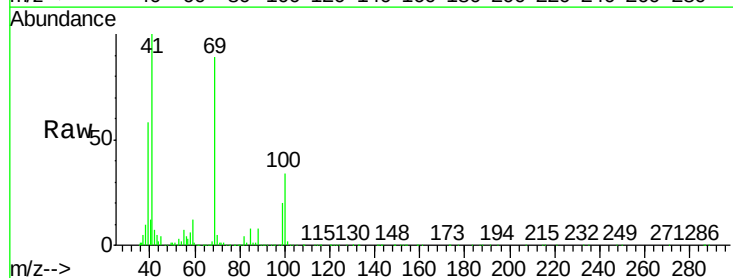
Tgt Ion: 41 Resp: 82708

Ion Ratio Lower Upper

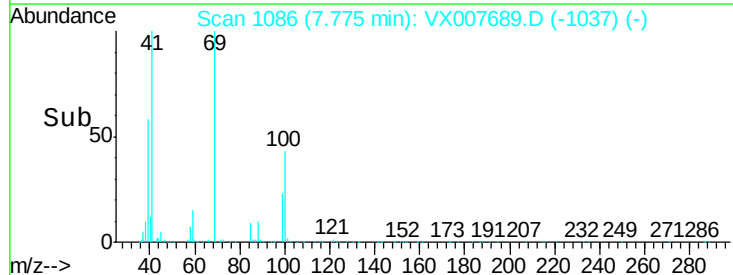
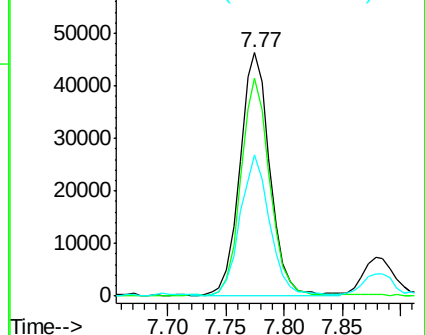
41 100

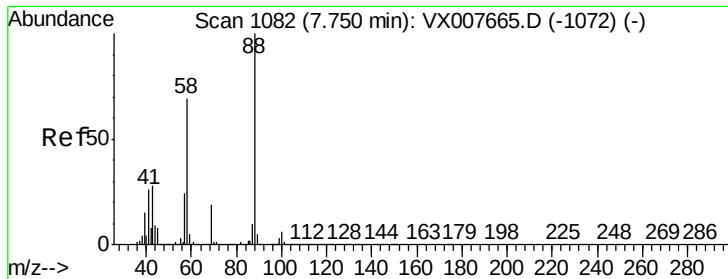
69 87.7 70.2 105.4

39 56.8 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: 449.902 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

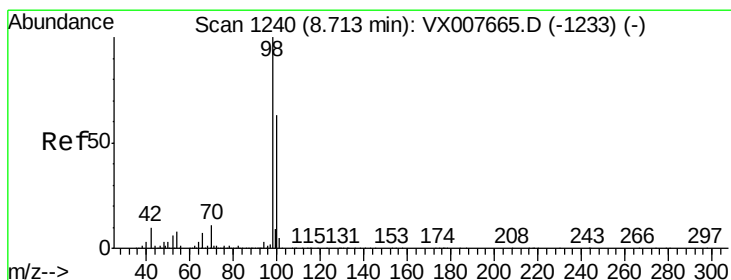
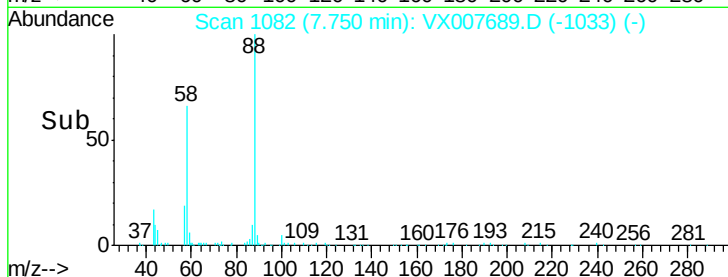
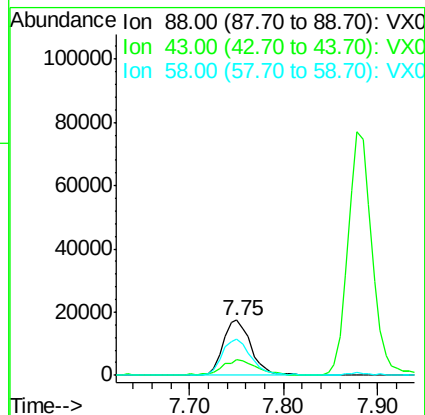
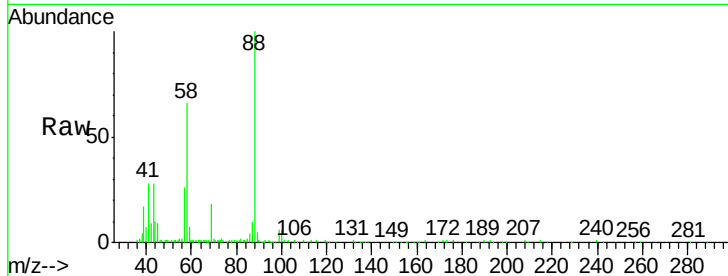
Tot Ion: 88 Resp: 36450

Ion Ratio Lower Upper

88 100

43 30.2 24.2 36.4

58 66.4 53.0 79.4



#50

Toluene-d8

Concen: 48.523 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007689.D

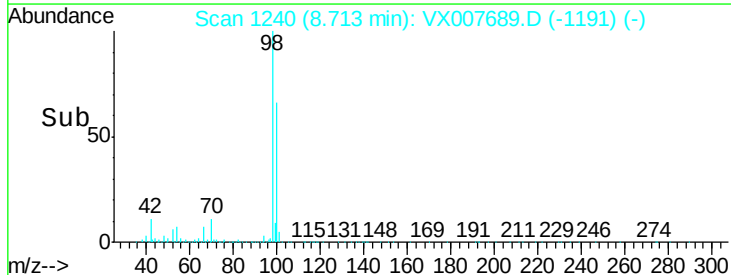
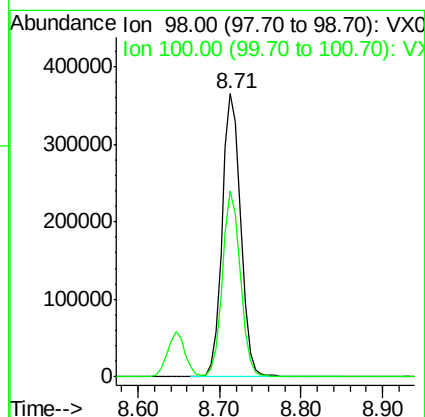
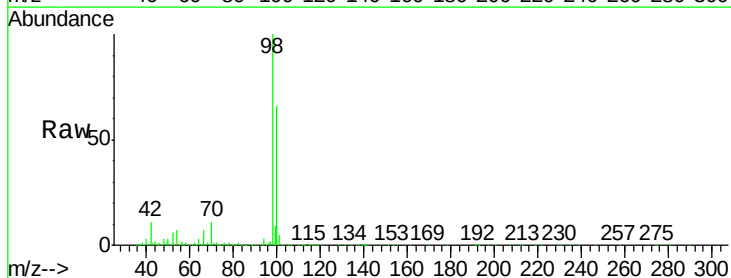
Acq: 26 Feb 2019 02:28

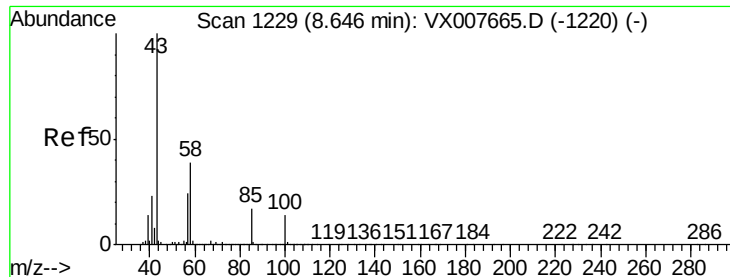
Tgt Ion: 98 Resp: 578143

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 113.731 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

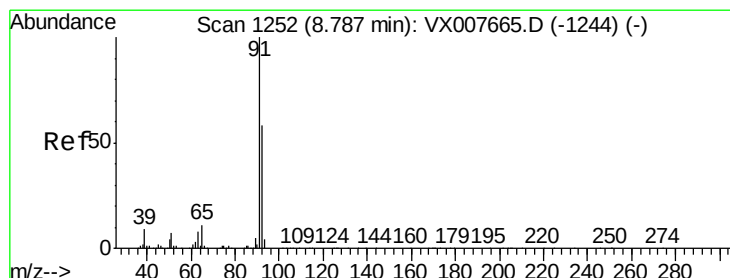
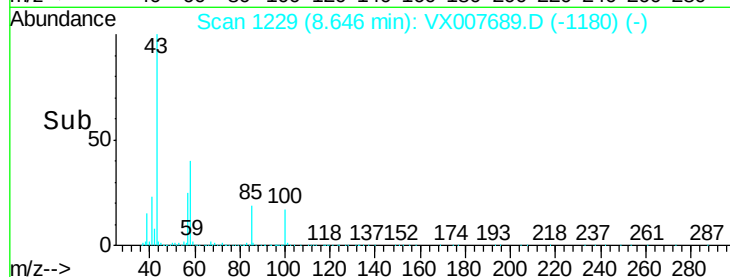
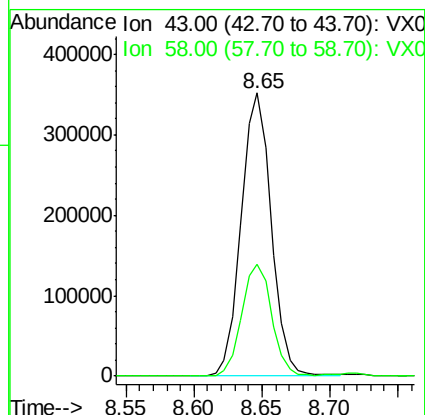
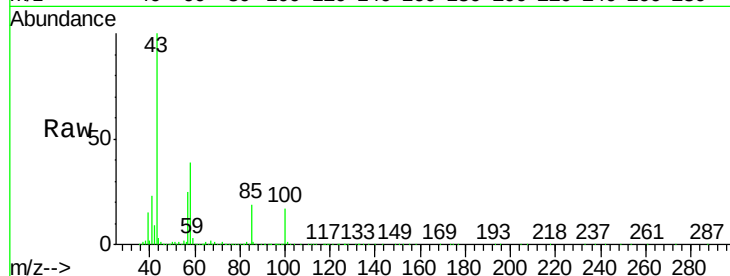
VX0225WBS02

Tot Ion: 43 Resp: 544789

Ion Ratio Lower Upper

43 100

58 39.4 31.2 46.8



#52

Toluene

Concen: 20.461 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007689.D

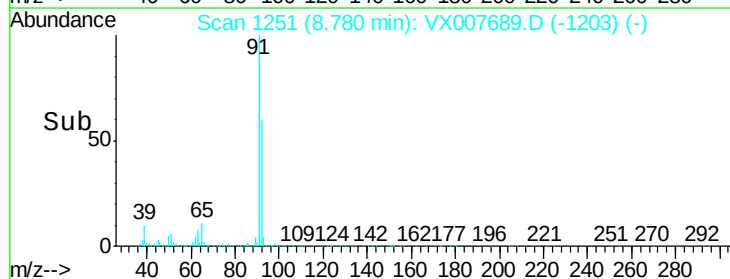
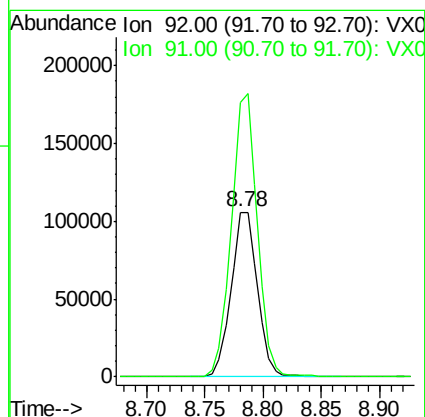
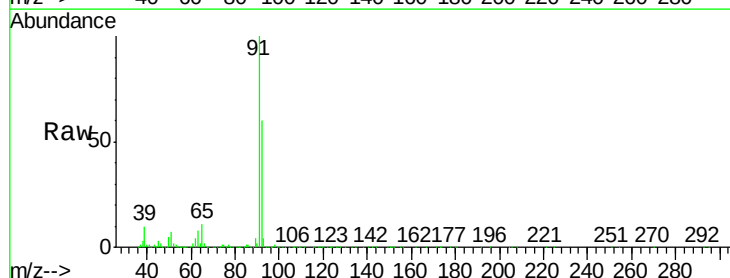
Acq: 26 Feb 2019 02:28

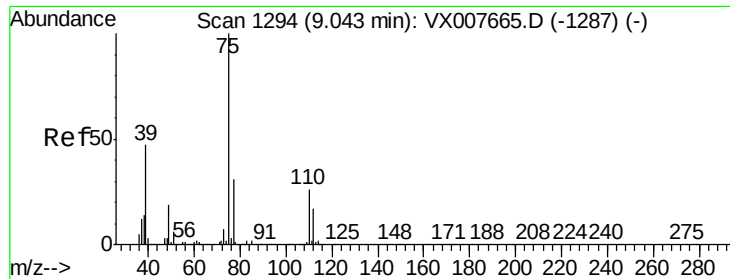
Tgt Ion: 92 Resp: 166714

Ion Ratio Lower Upper

92 100

91 170.0 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.681 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

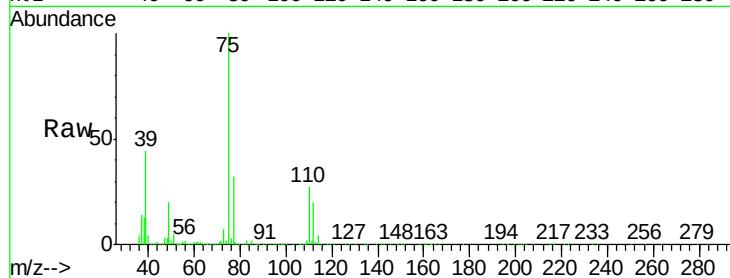
VX0225WBS02

Tot Ion: 75 Resp: 89951

Ion Ratio Lower Upper

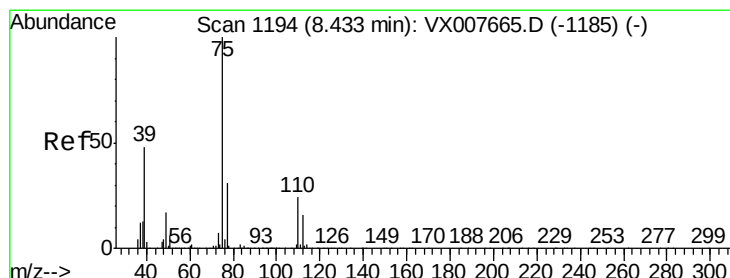
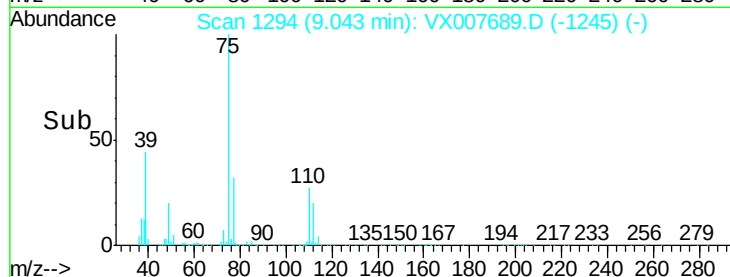
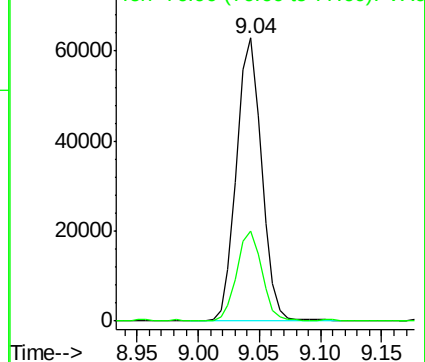
75 100

77 31.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.675 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

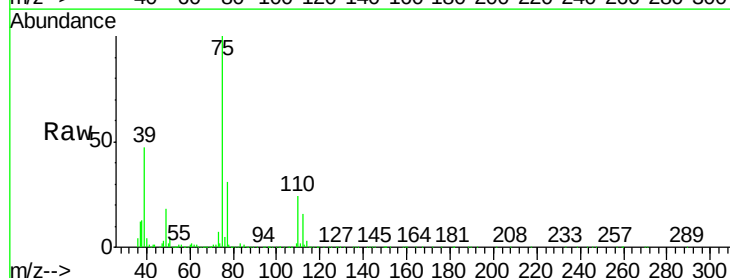
Tgt Ion: 75 Resp: 101529

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.4

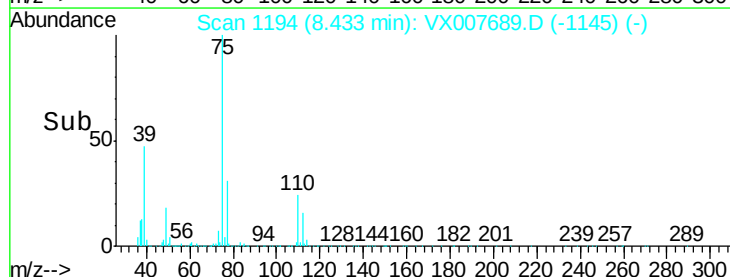
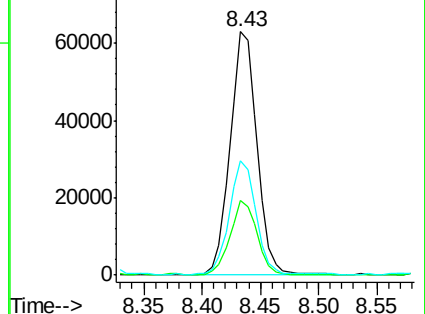
39 46.7 37.1 55.7

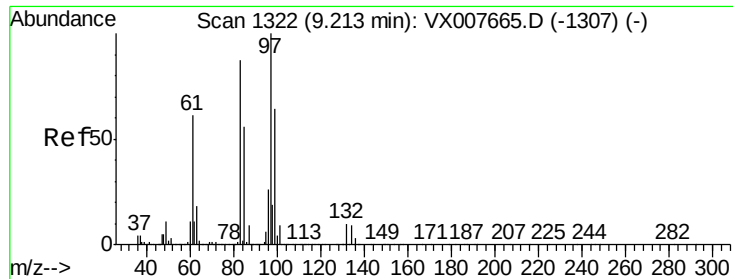


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 22.769 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

Tot Ion: 97 Resp: 77362

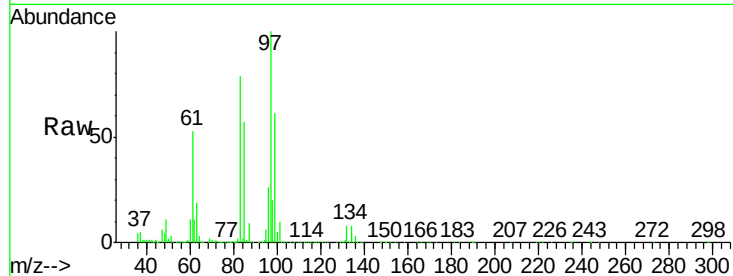
Ion Ratio Lower Upper

97 100

83 78.6 68.6 102.8

85 57.1 44.5 66.7

99 60.7 52.2 78.4



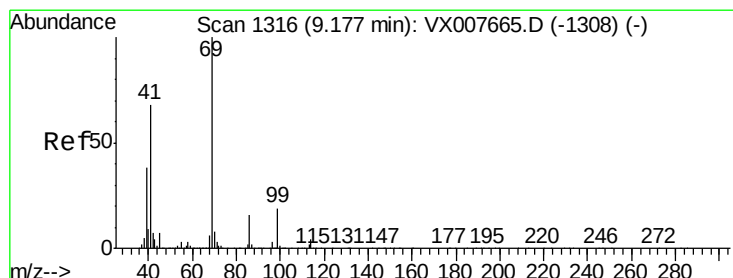
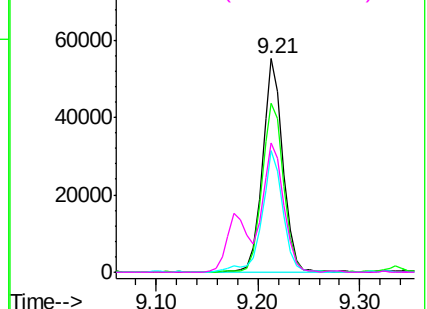
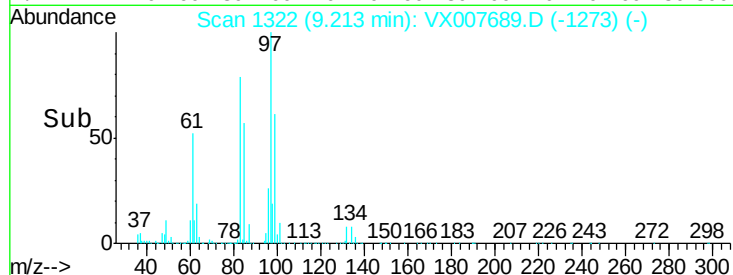
Abundance

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: 21.864 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

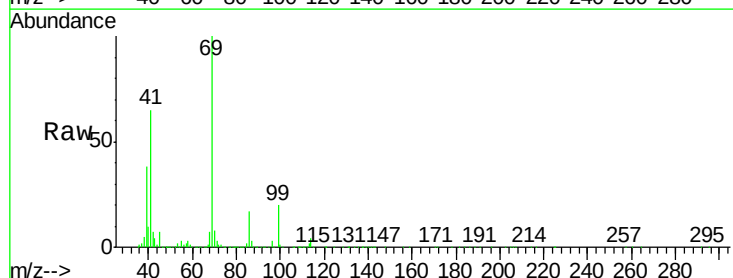
Tgt Ion: 69 Resp: 105641

Ion Ratio Lower Upper

69 100

41 64.7 52.1 78.1

39 38.8 30.1 45.1

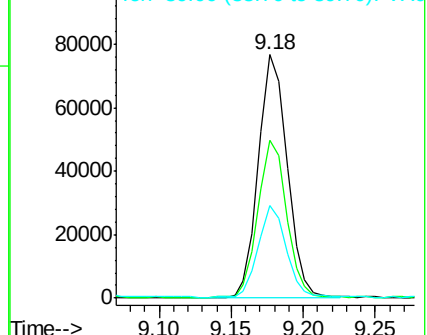
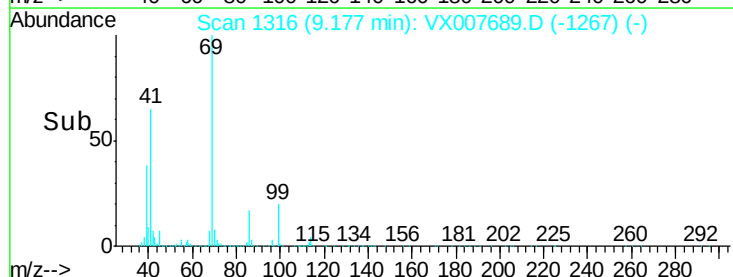


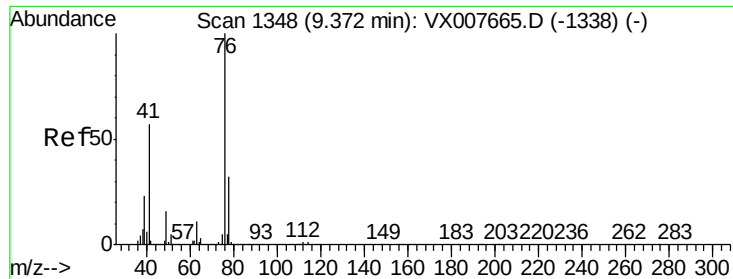
Abundance

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: 22.573 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

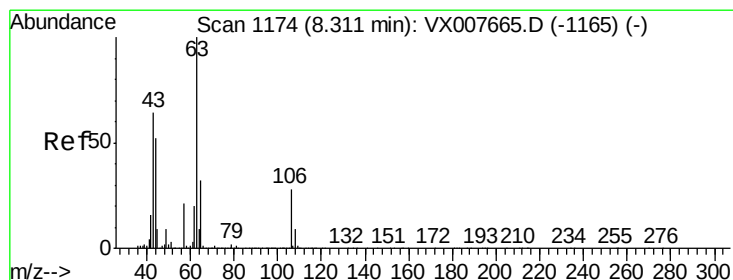
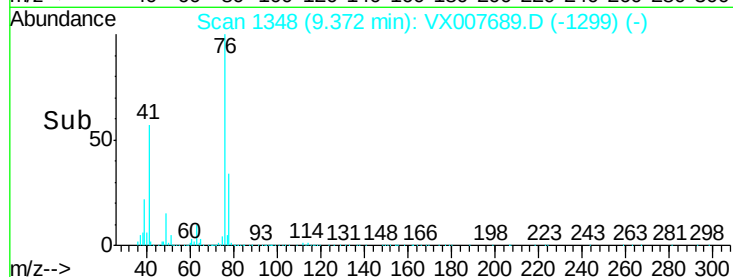
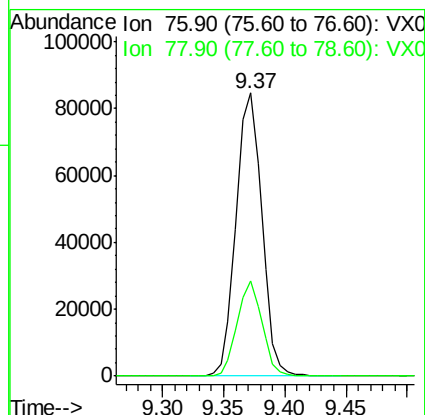
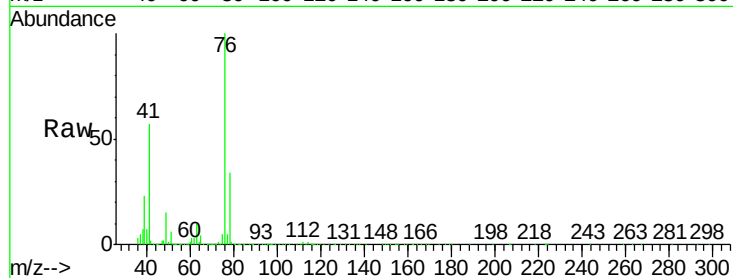
VX0225WBS02

Tot Ion: 76 Resp: 122774

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 109.886 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007689.D

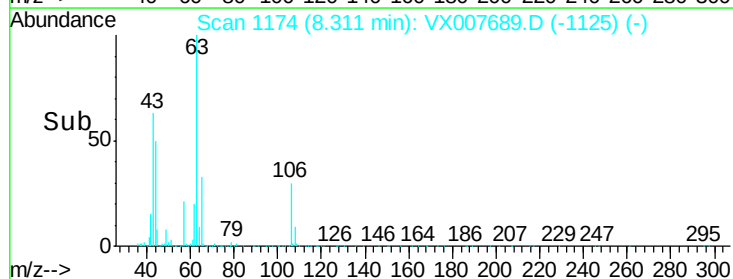
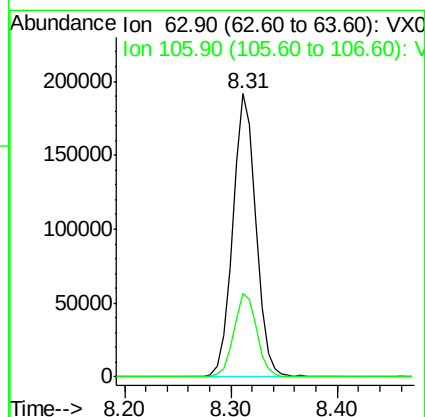
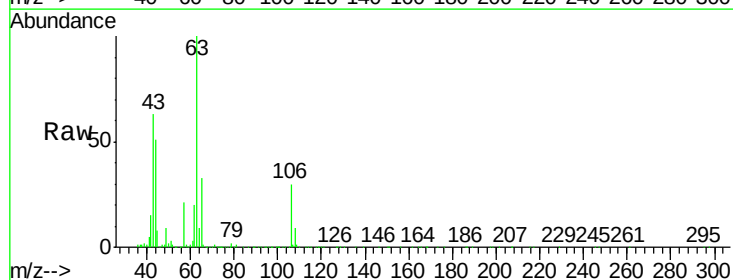
Acq: 26 Feb 2019 02:28

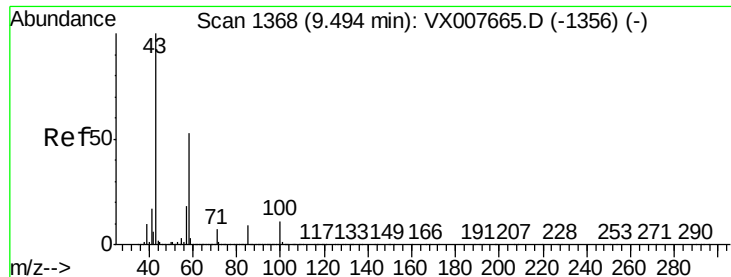
Tgt Ion: 63 Resp: 292790

Ion Ratio Lower Upper

63 100

106 29.4 23.6 35.4

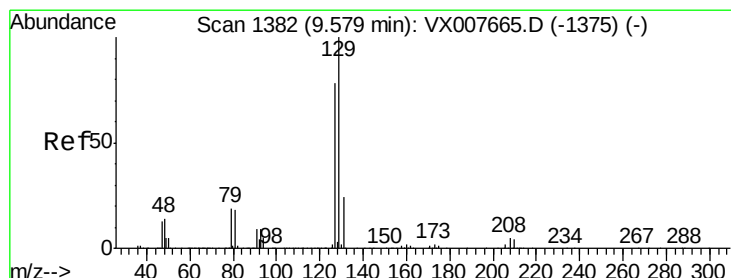
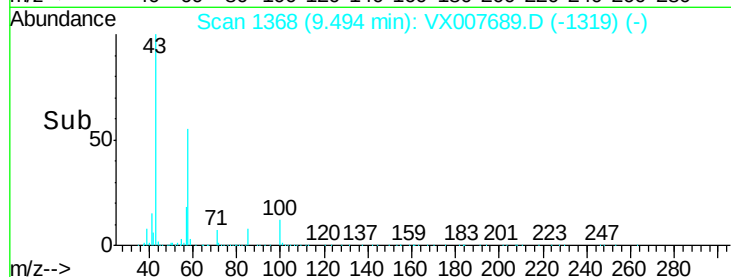
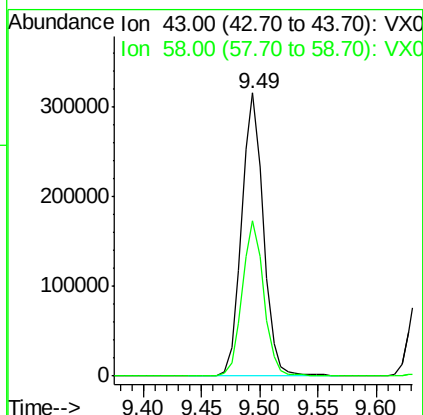
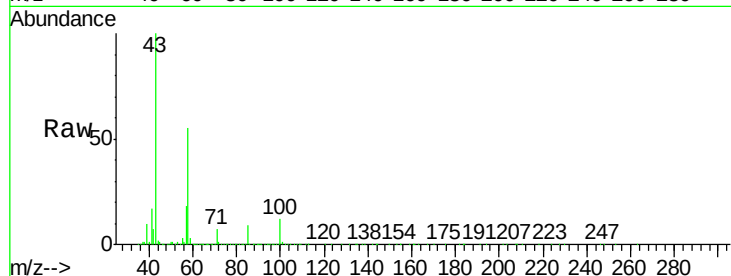




#59
2-Hexanone
Concen: 109.419 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

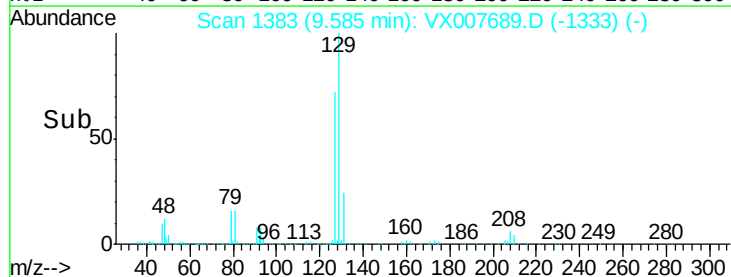
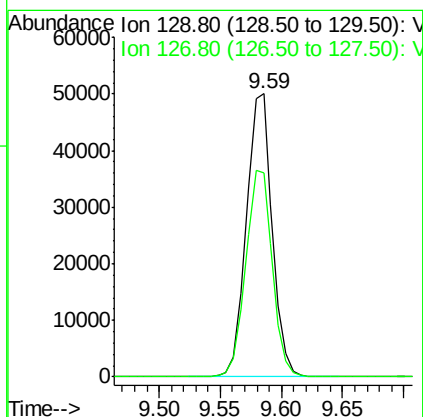
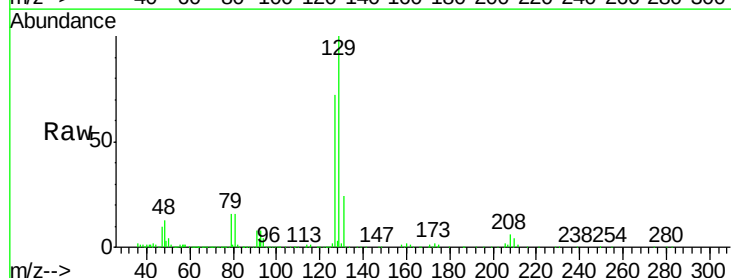
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

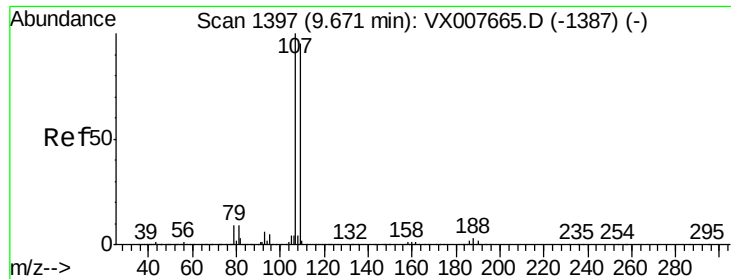
Tot Ion: 43 Resp: 411492
Ion Ratio Lower Upper
43 100
58 54.7 27.1 81.3



#60
Dibromochloromethane
Concen: 22.523 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion: 129 Resp: 73636
Ion Ratio Lower Upper
129 100
127 75.1 37.8 113.4





#61

1,2-Dibromoethane

Concen: 23.007 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

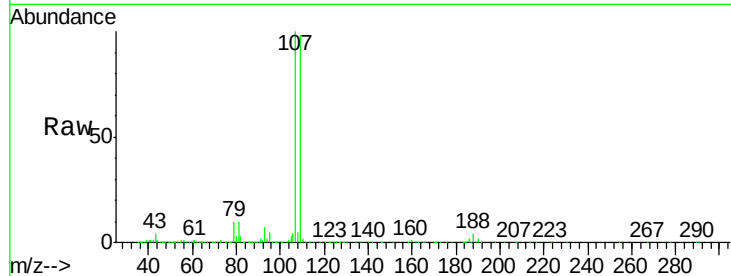
VX0225WBS02

Tot Ion:107 Resp: 81160

Ion Ratio Lower Upper

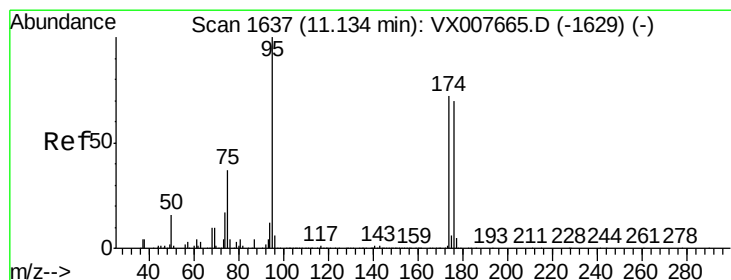
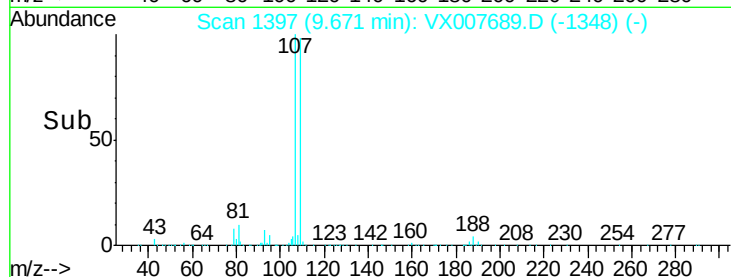
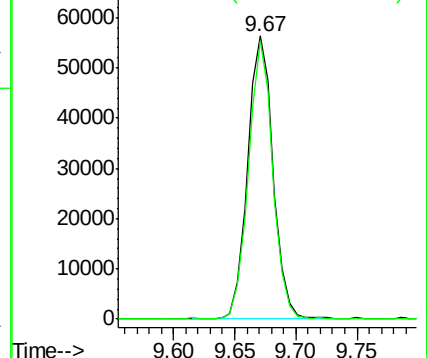
107 100

109 93.3 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: 46.899 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

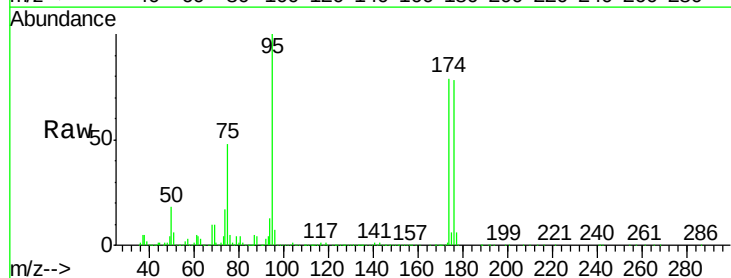
Tgt Ion: 95 Resp: 205100

Ion Ratio Lower Upper

95 100

174 86.3 0.0 189.2

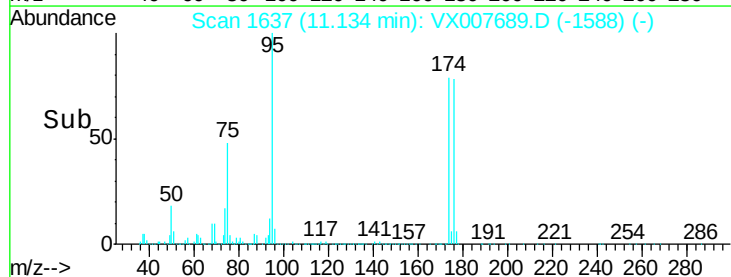
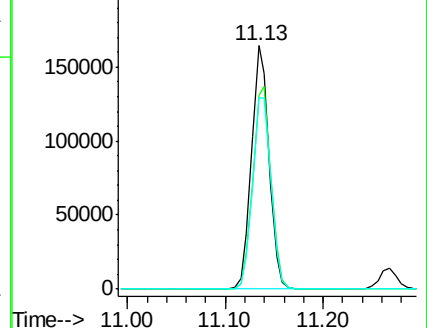
176 82.7 0.0 186.2

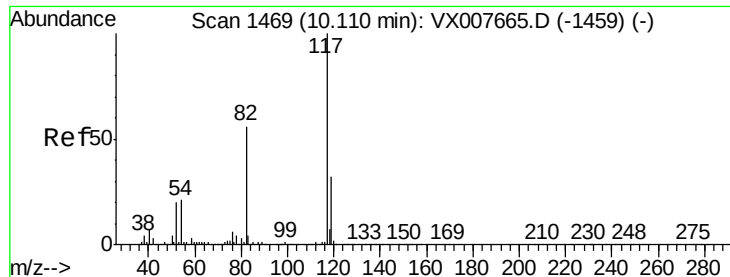


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

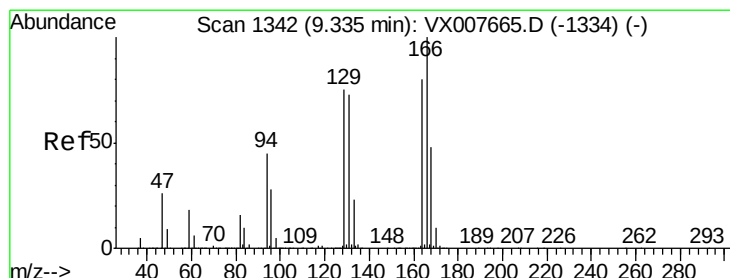
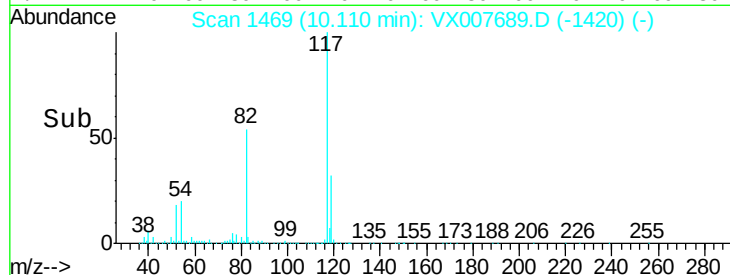
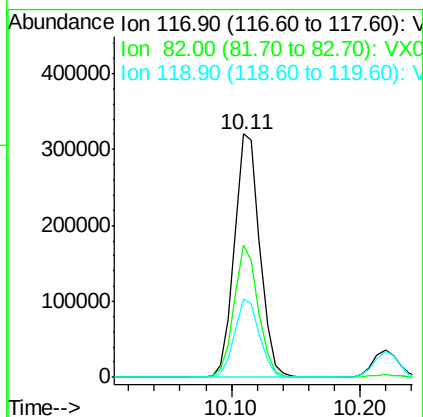
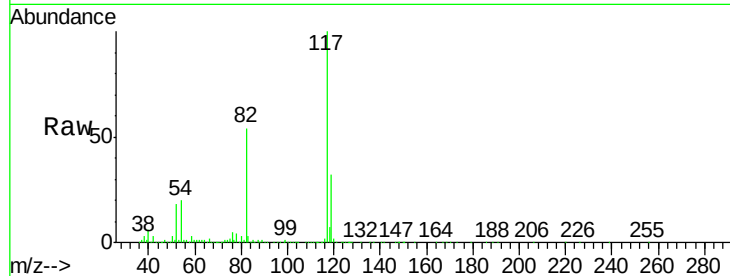




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

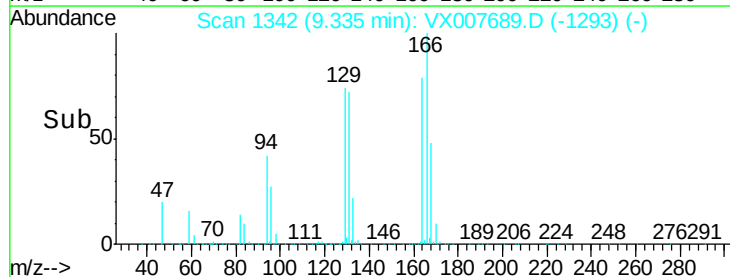
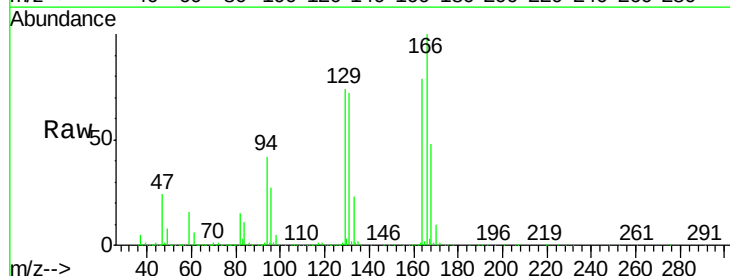
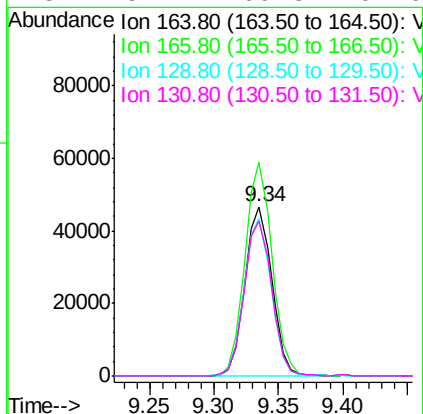
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

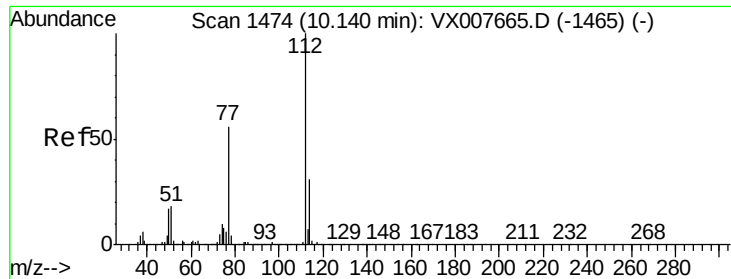
Tot Ion:117 Resp: 441308
Ion Ratio Lower Upper
117 100
82 54.3 42.1 63.1
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 18.839 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion:164 Resp: 67491
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.4
129 92.7 70.5 105.7
131 91.1 69.8 104.6





#65

Chlorobenzene

Concen: 19.965 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampled :

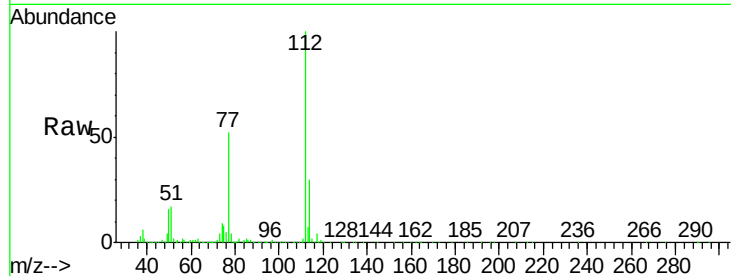
VX0225WBS02

Tot Ion:112 Resp: 190555

Ion Ratio Lower Upper

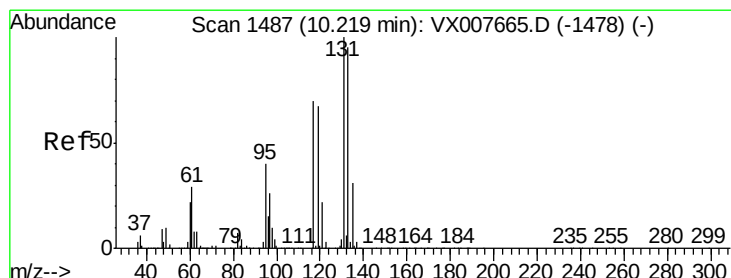
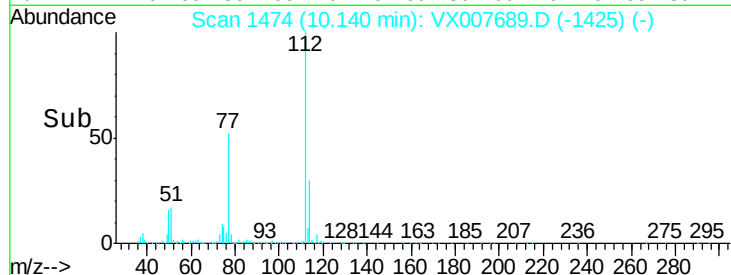
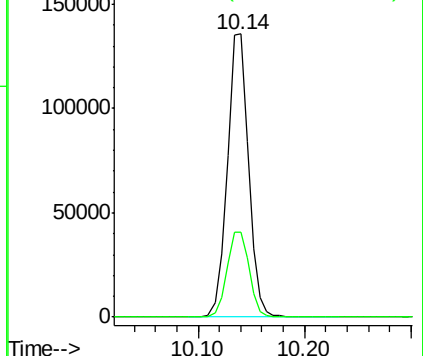
112 100

114 30.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.317 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

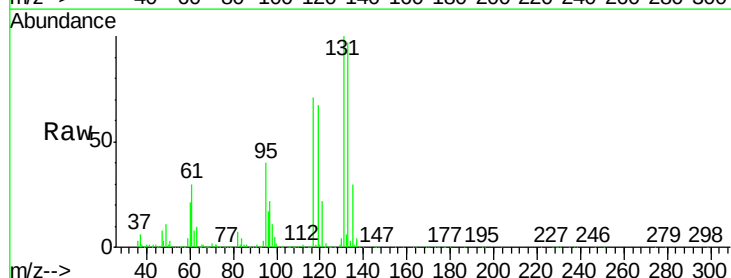
Tgt Ion:131 Resp: 67643

Ion Ratio Lower Upper

131 100

133 97.8 48.0 144.2

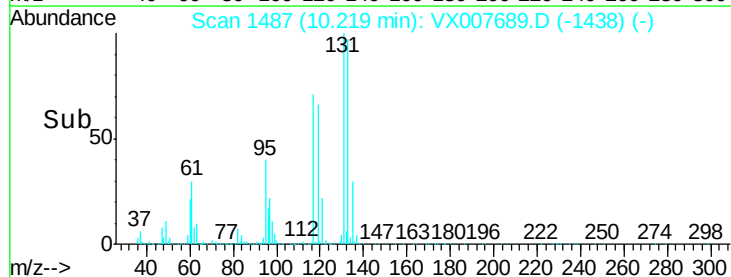
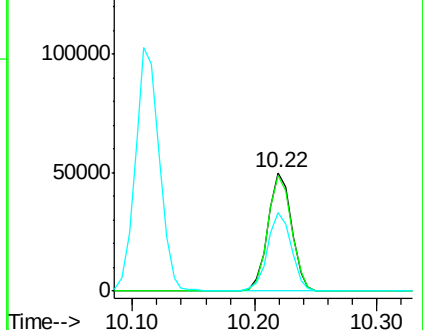
119 66.6 32.0 96.0

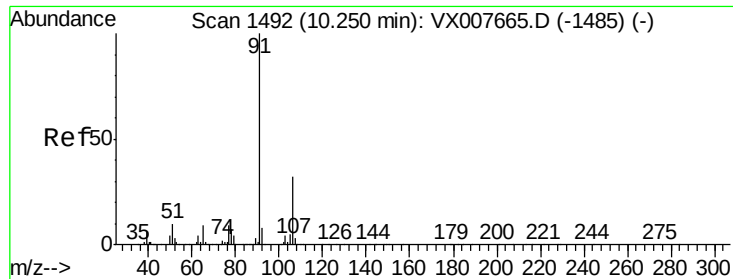


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

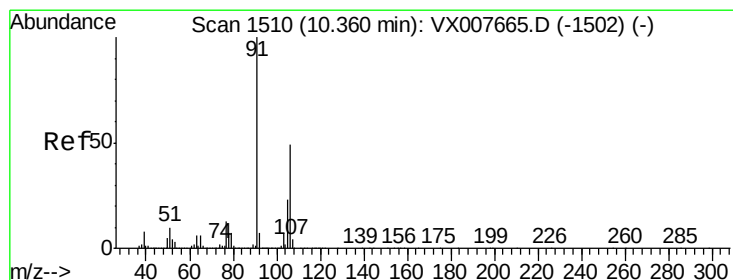
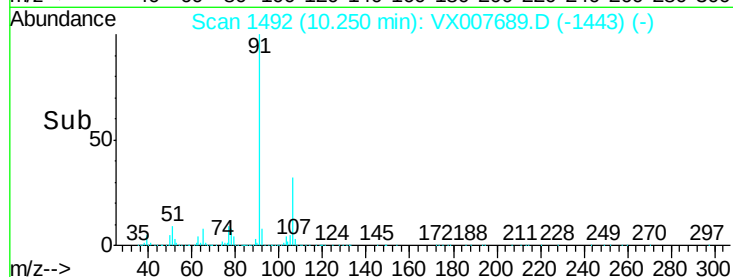
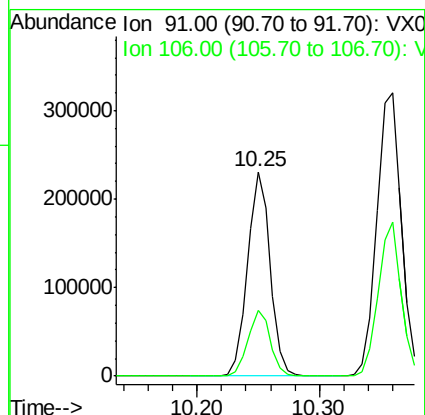
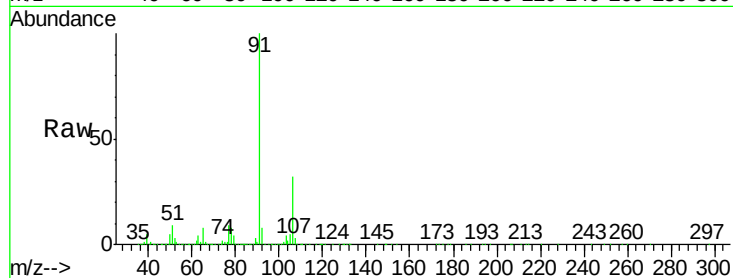




#67
Ethyl Benzene
Concen: 18.659 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

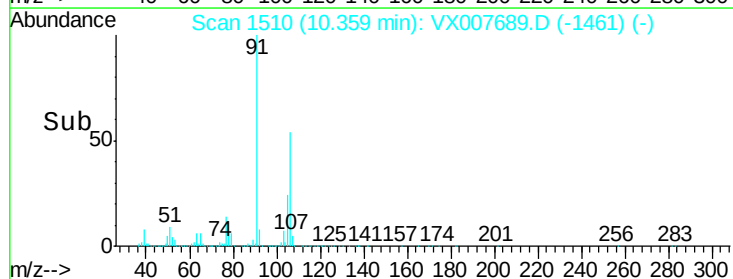
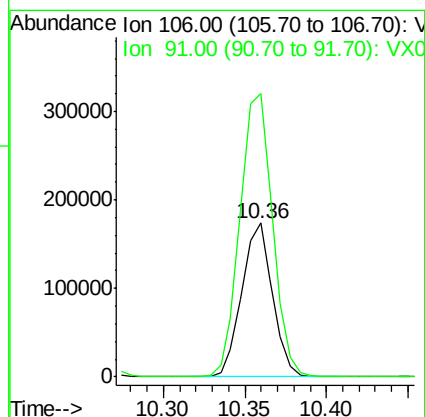
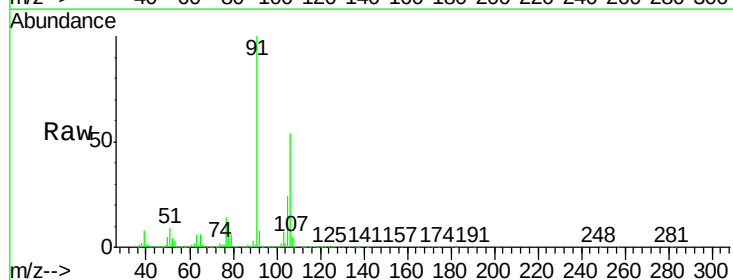
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

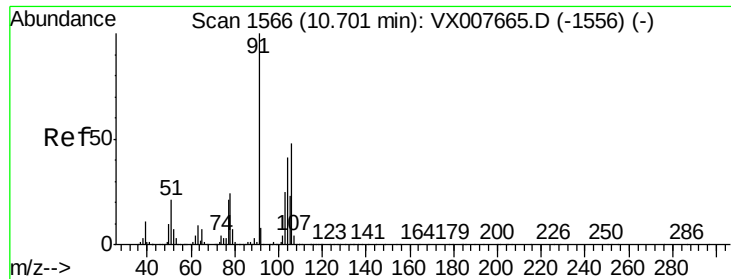
Tot Ion: 91 Resp: 295022
Ion Ratio Lower Upper
91 100
106 31.9 25.4 38.0



#68
m/p-Xylenes
Concen: 37.070 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion: 106 Resp: 228020
Ion Ratio Lower Upper
106 100
91 195.6 156.6 234.8

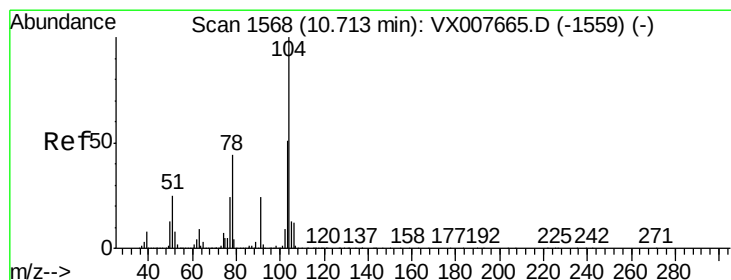
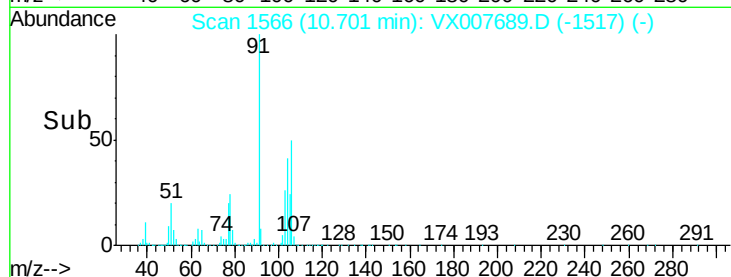
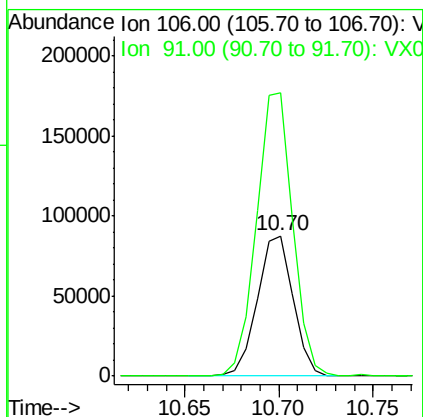
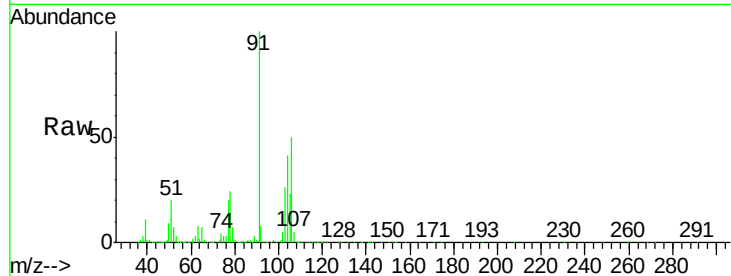




#69
o-Xylene
Concen: 19.542 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

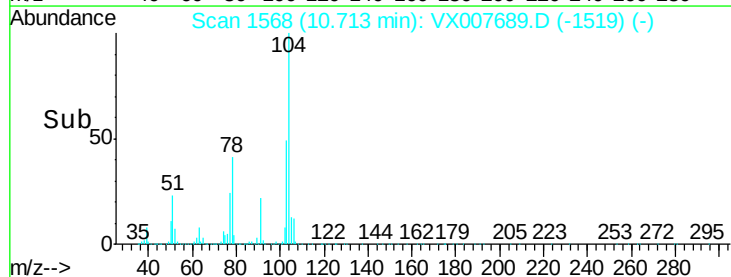
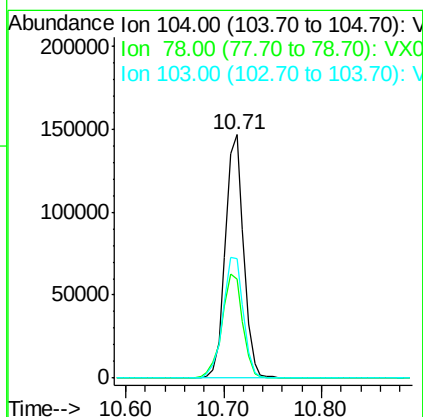
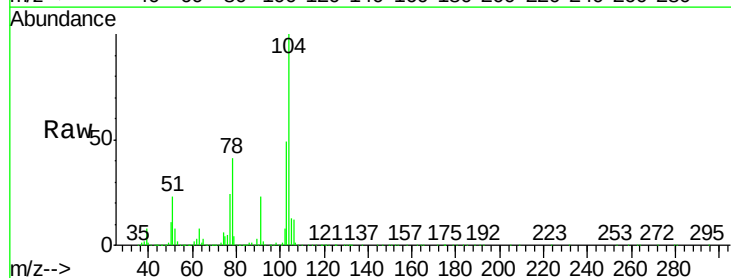
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

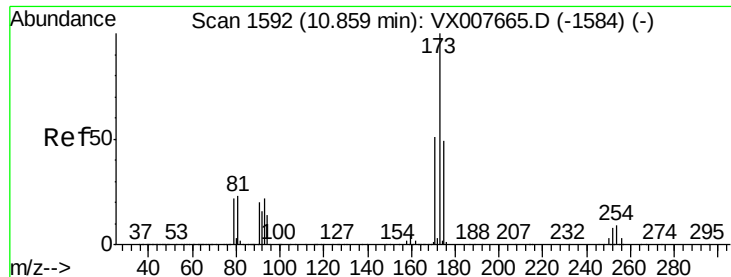
Tot Ion:106 Resp: 115623
Ion Ratio Lower Upper
106 100
91 203.7 102.9 308.7



#70
Styrene
Concen: 19.627 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion:104 Resp: 190870
Ion Ratio Lower Upper
104 100
78 48.5 38.3 57.5
103 55.1 44.6 67.0





#71

Bromoform

Concen: 19.953 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

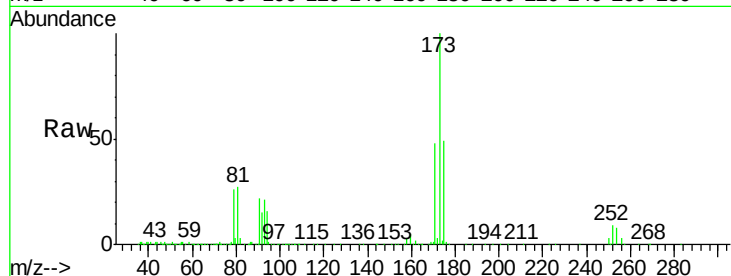
Tot Ion:173 Resp: 49815

Ion Ratio Lower Upper

173 100

175 50.7 24.2 72.6

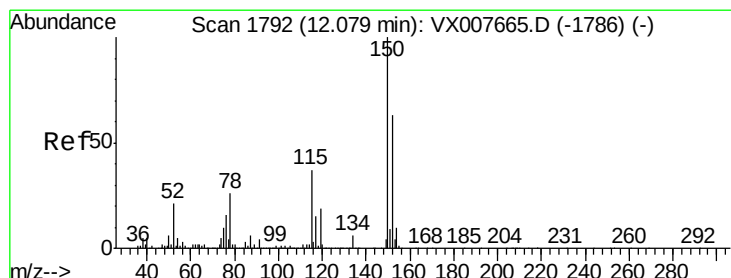
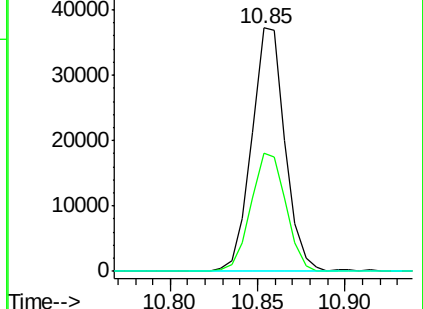
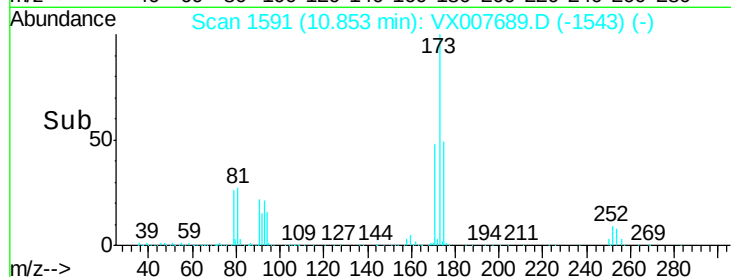
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

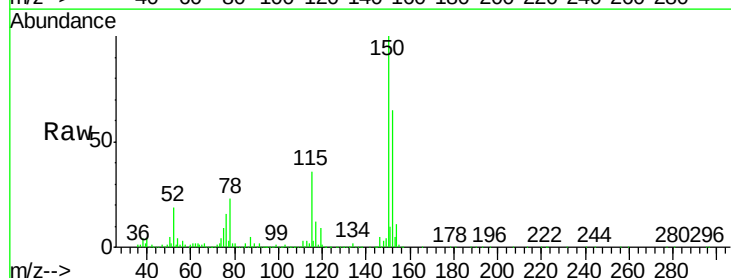
Tgt Ion:152 Resp: 206909

Ion Ratio Lower Upper

152 100

115 66.2 38.0 114.0

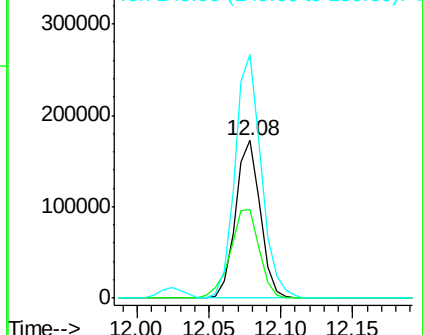
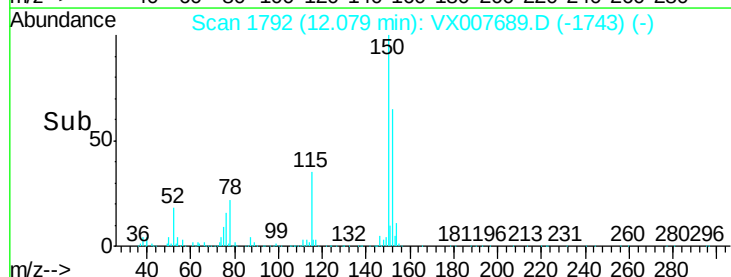
150 164.7 0.0 346.4

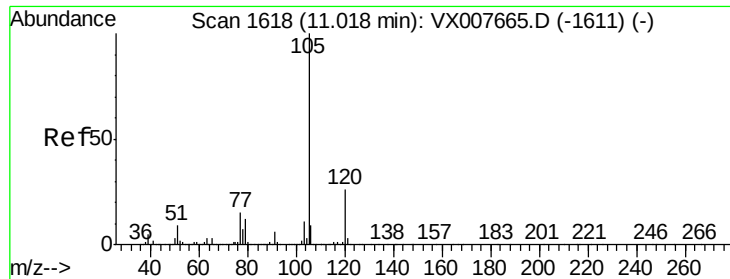


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.855 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

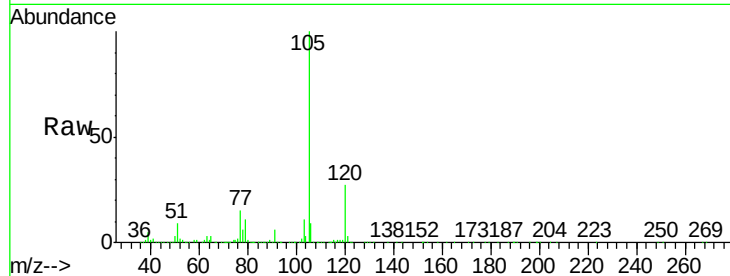
VX0225WBS02

Tot Ion:105 Resp: 278830

Ion Ratio Lower Upper

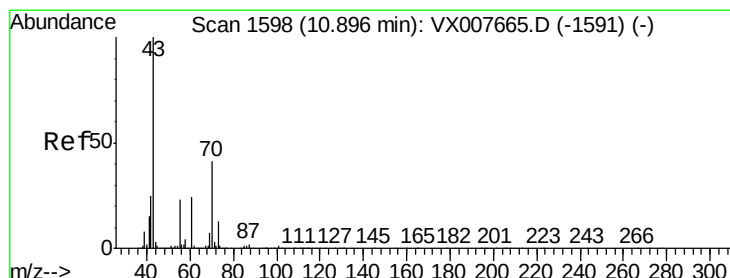
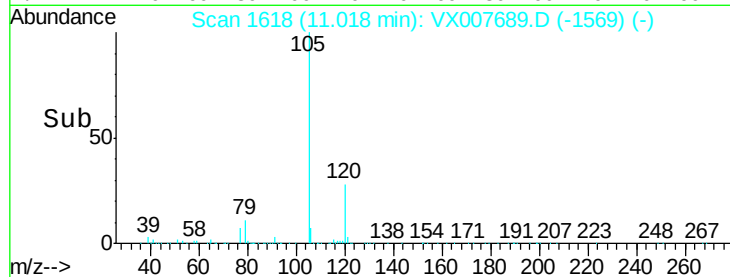
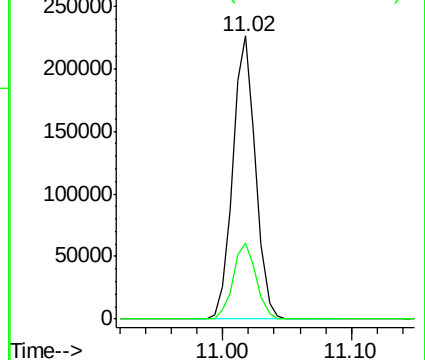
105 100

120 27.2 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: 21.743 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Tgt Ion: 43 Resp: 139628

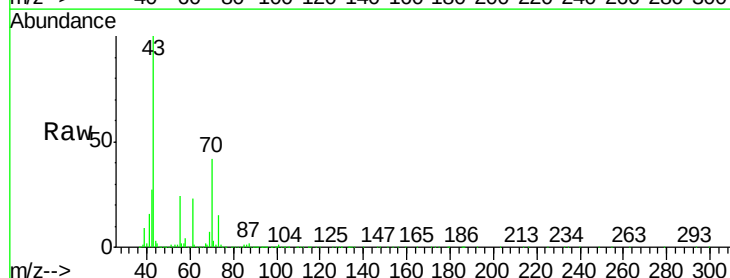
Ion Ratio Lower Upper

43 100

70 43.0 33.8 50.6

55 25.7 19.5 29.3

61 24.0 19.4 29.2

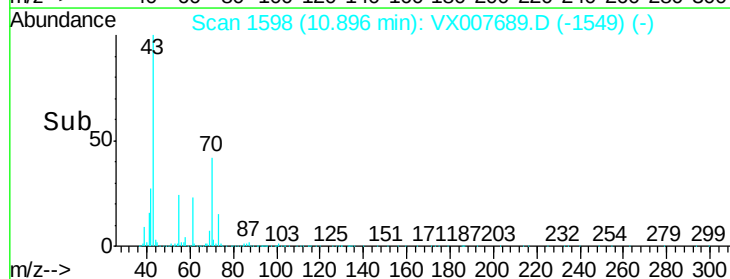
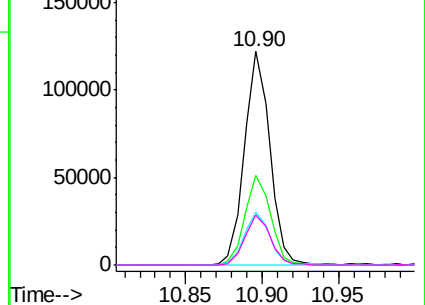


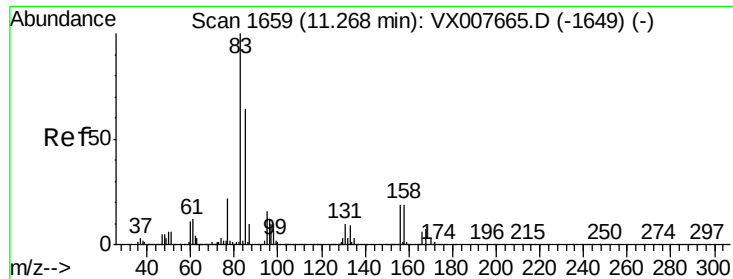
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.515 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

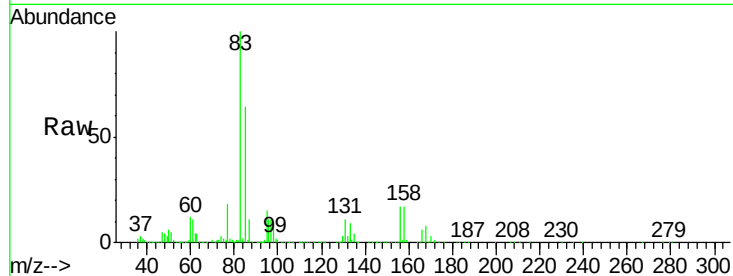
Tot Ion: 83 Resp: 115156

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

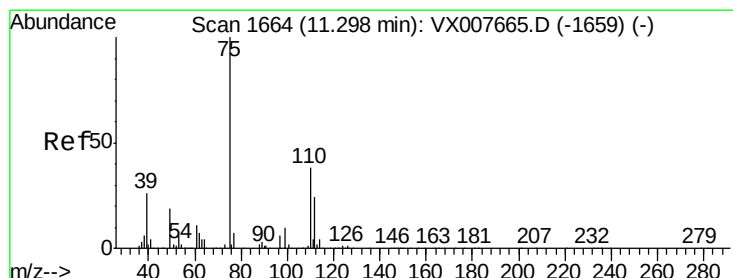
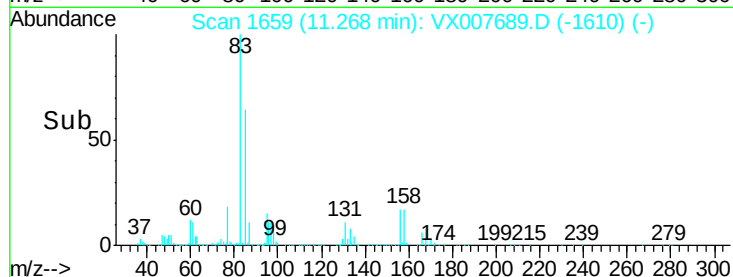
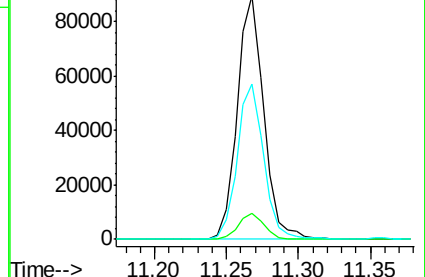
85 63.4 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.687 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007689.D

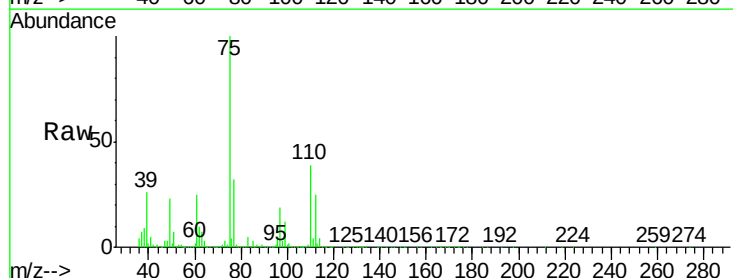
Acq: 26 Feb 2019 02:28

Tgt Ion: 75 Resp: 122109

Ion Ratio Lower Upper

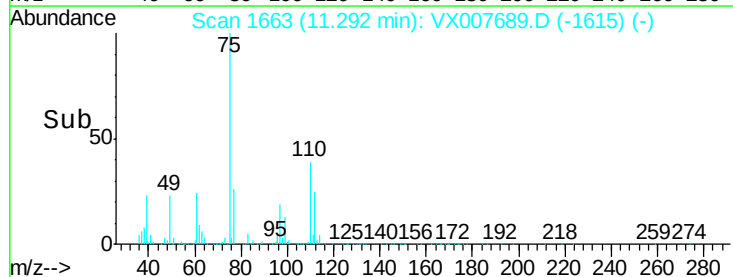
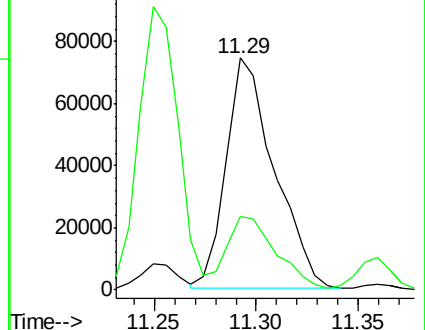
75 100

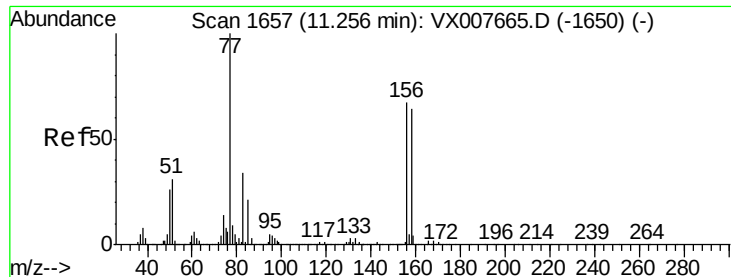
77 32.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.639 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

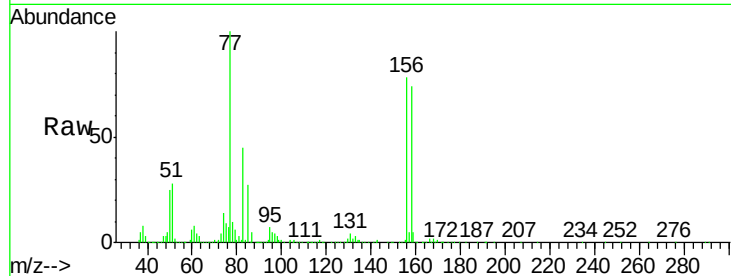
Tot Ion:156 Resp: 83973

Ion Ratio Lower Upper

156 100

77 145.8 66.8 200.6

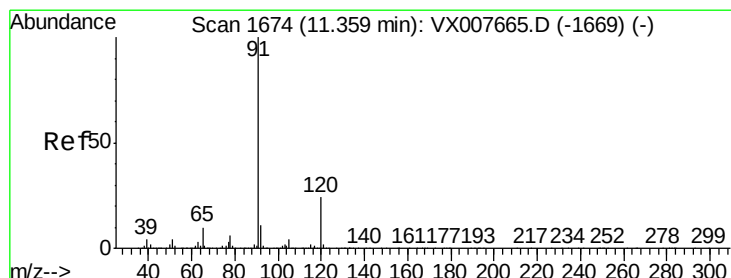
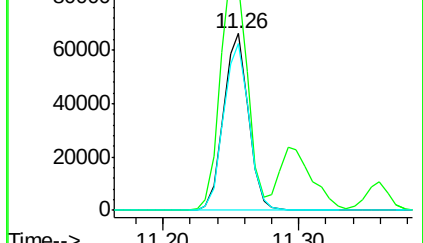
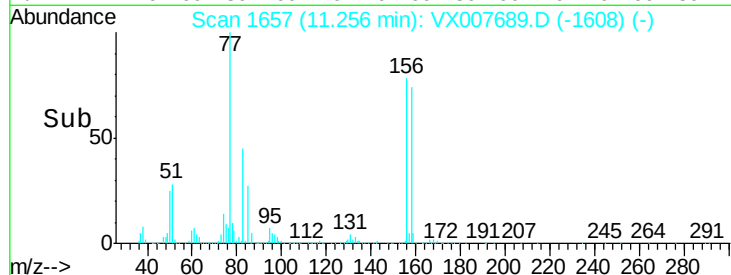
158 96.4 47.9 143.8



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: 18.646 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007689.D

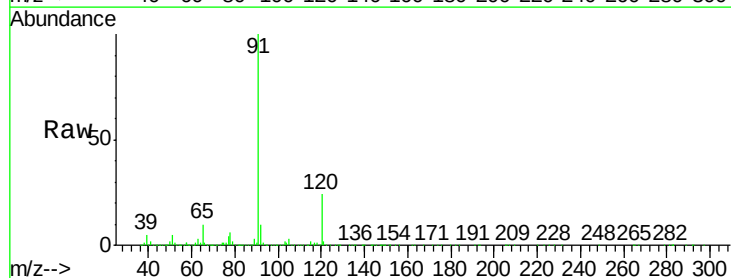
Acq: 26 Feb 2019 02:28

Tgt Ion: 91 Resp: 311581

Ion Ratio Lower Upper

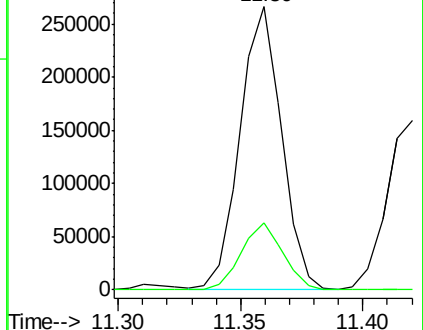
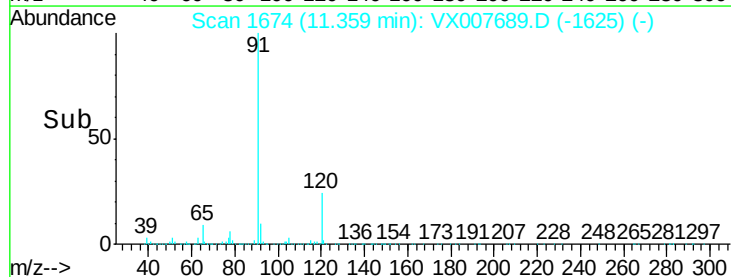
91 100

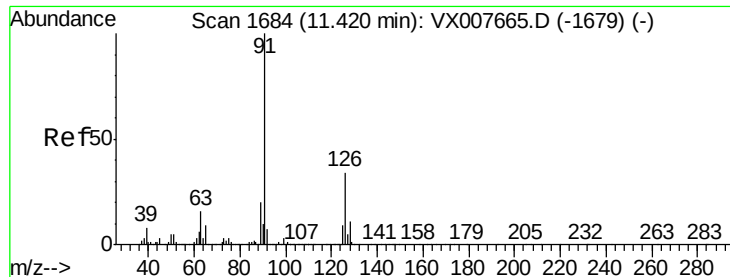
120 24.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.792 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

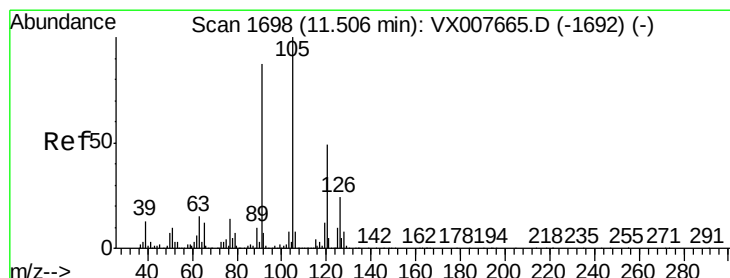
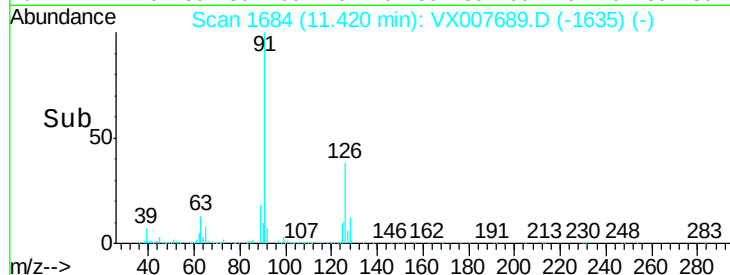
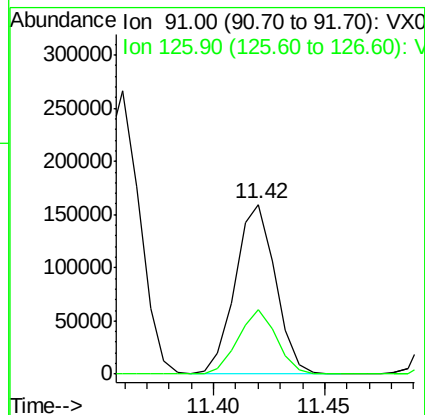
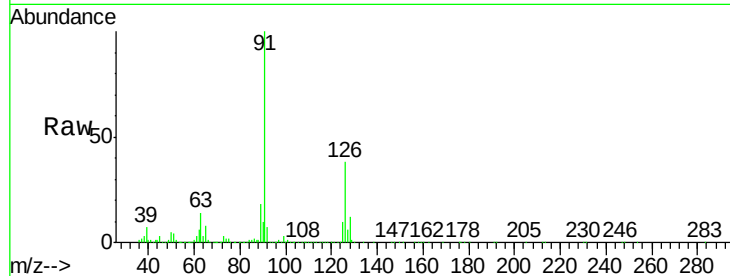
VX0225WBS02

Tot Ion: 91 Resp: 199143

Ion Ratio Lower Upper

91 100

126 36.5 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 19.368 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007689.D

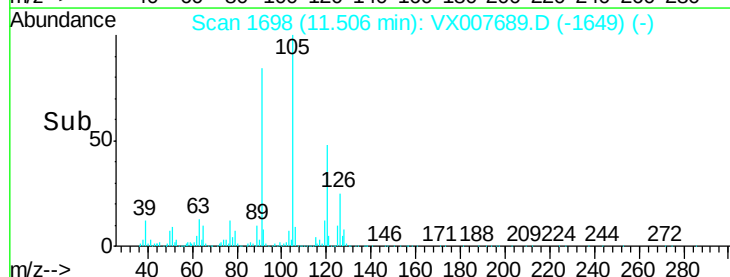
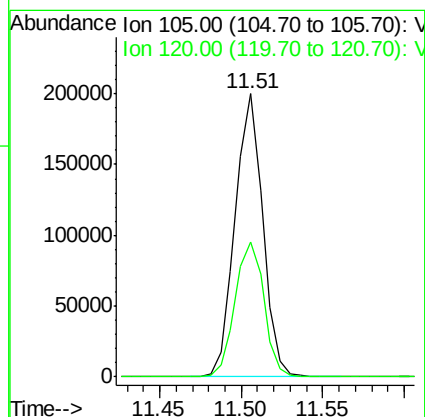
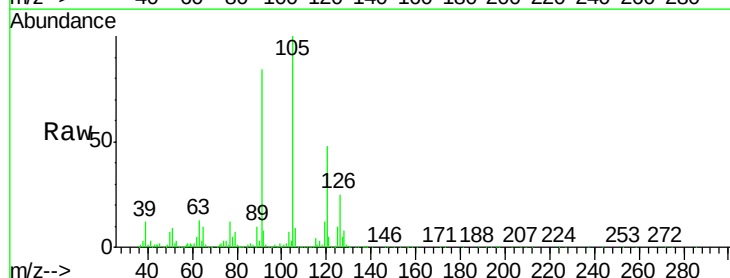
Acq: 26 Feb 2019 02:28

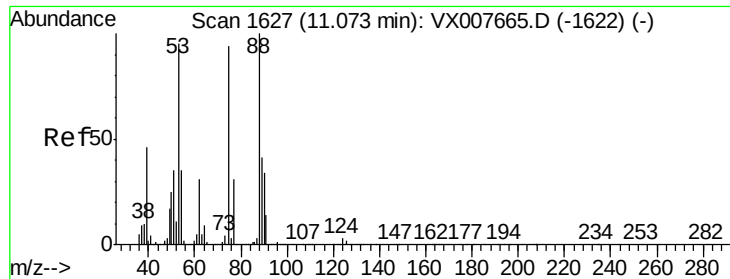
Tgt Ion: 105 Resp: 235592

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.336 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

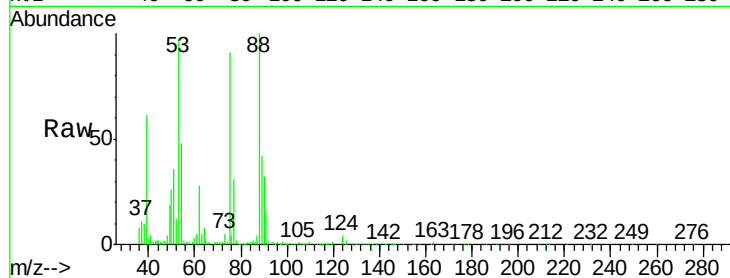
Tot Ion: 75 Resp: 26840

Ion Ratio Lower Upper

75 100

53 103.3 81.0 121.6

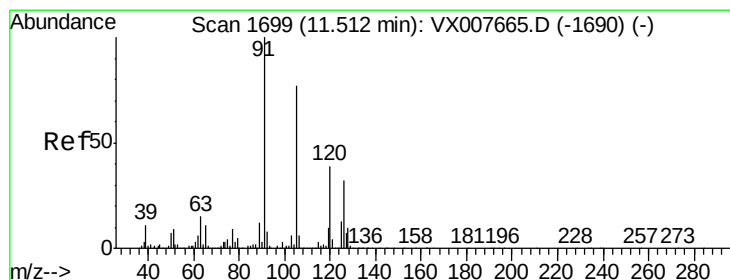
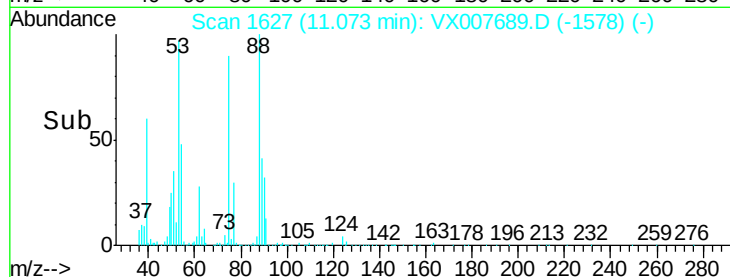
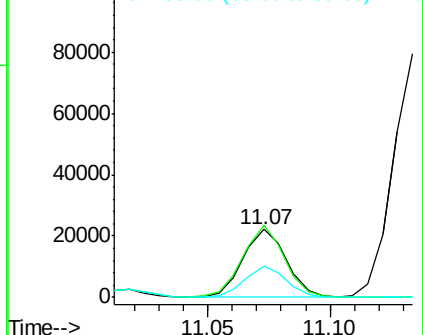
89 46.4 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.543 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007689.D

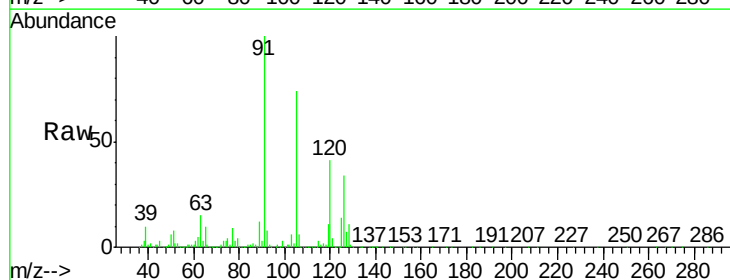
Acq: 26 Feb 2019 02:28

Tgt Ion: 91 Resp: 230038

Ion Ratio Lower Upper

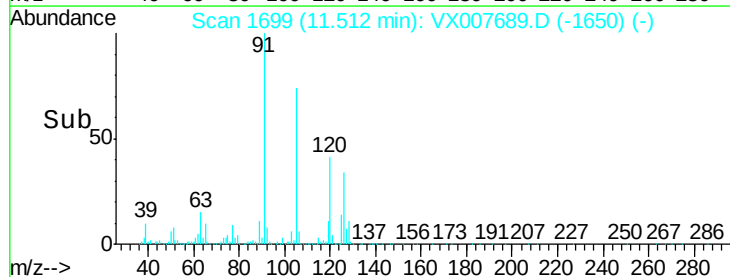
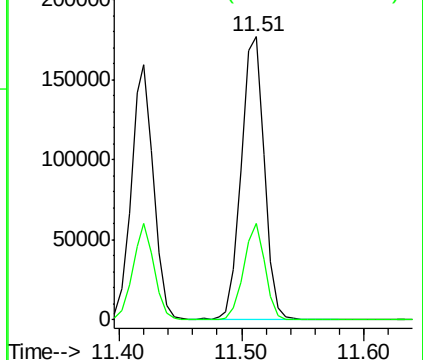
91 100

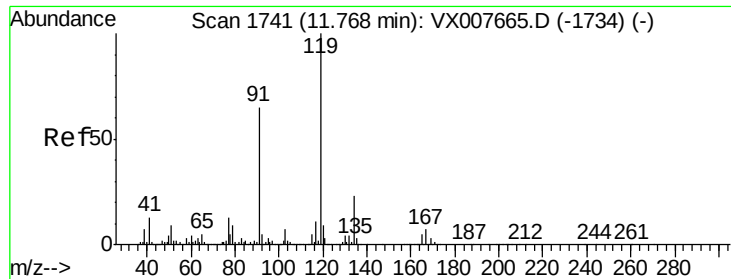
126 31.8 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.986 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

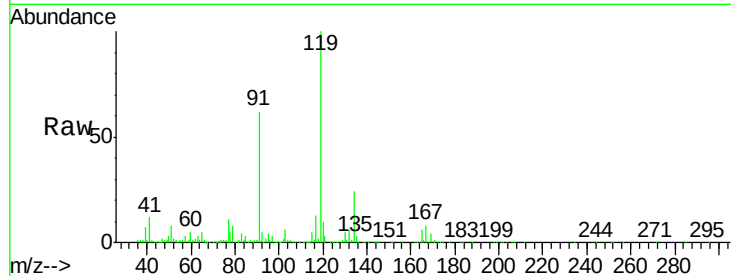
Tot Ion:119 Resp: 221735

Ion Ratio Lower Upper

119 100

91 57.8 28.5 85.6

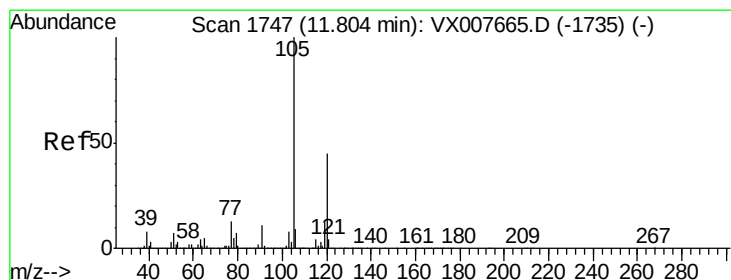
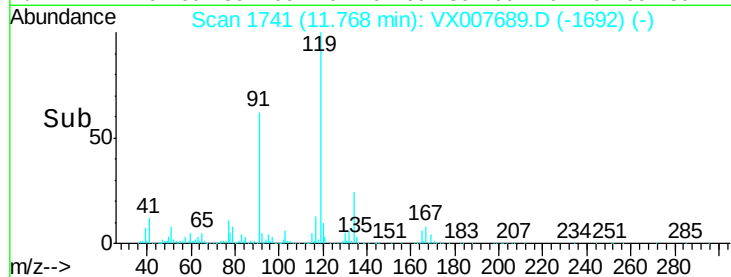
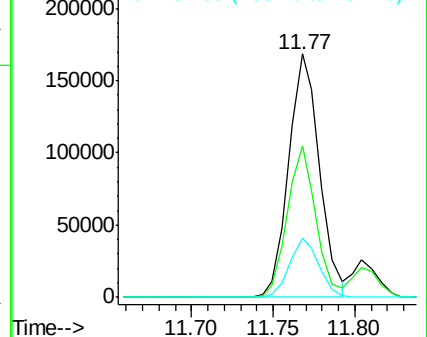
134 23.6 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.080 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007689.D

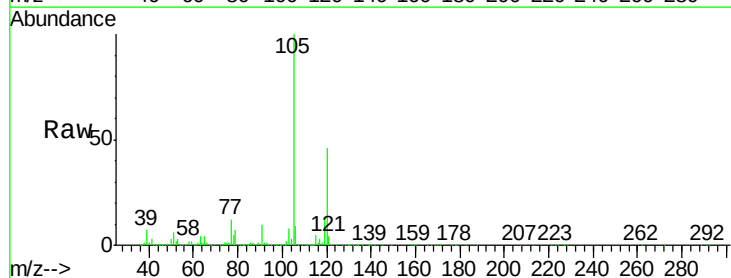
Acq: 26 Feb 2019 02:28

Tgt Ion:105 Resp: 249844

Ion Ratio Lower Upper

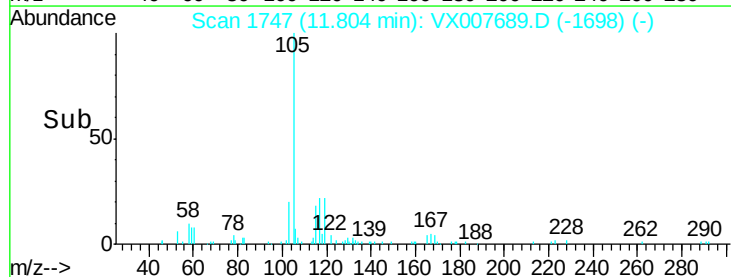
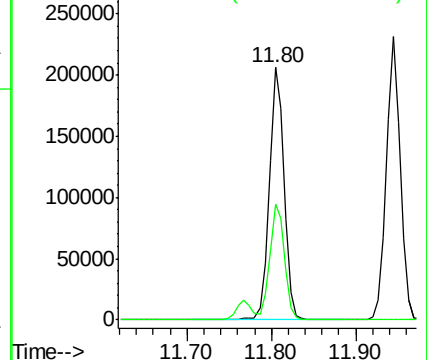
105 100

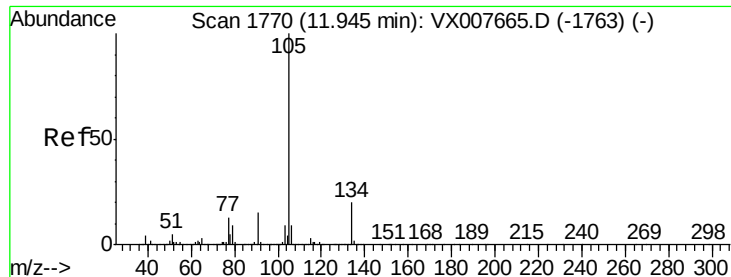
120 45.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.186 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampled :

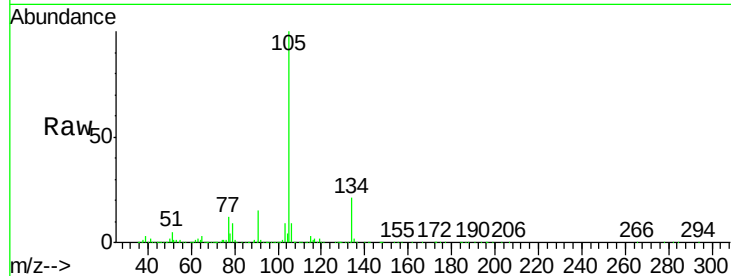
VX0225WBS02

Tot Ion:105 Resp: 266157

Ion Ratio Lower Upper

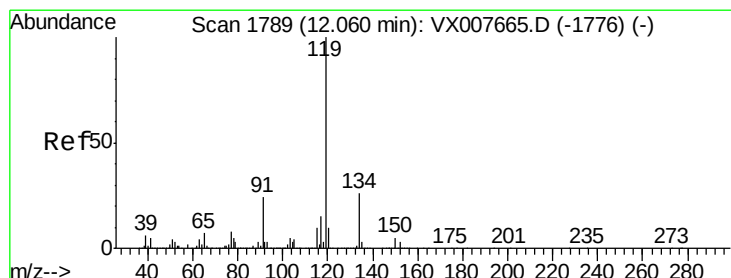
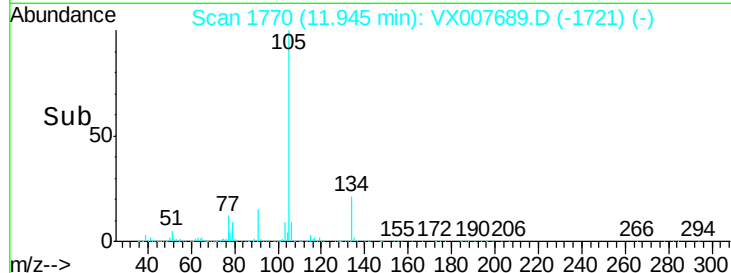
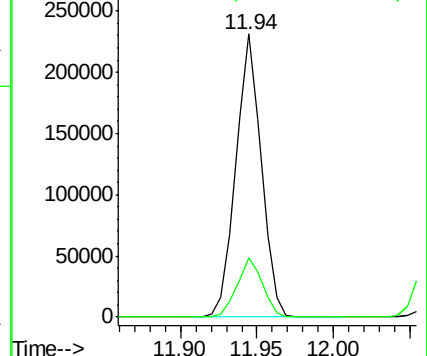
105 100

134 20.9 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: 18.407 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

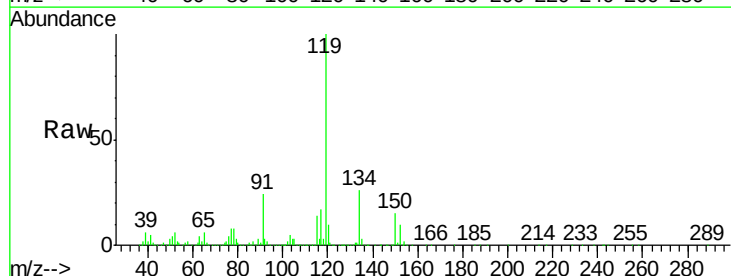
Tgt Ion:119 Resp: 235920

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.1

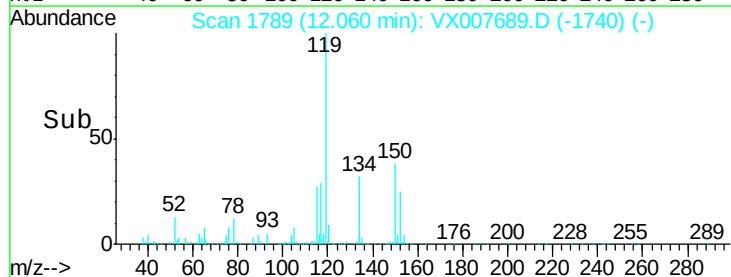
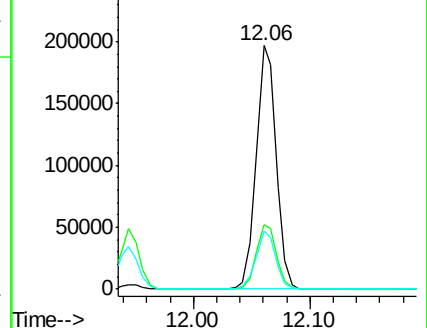
91 23.6 11.2 33.5

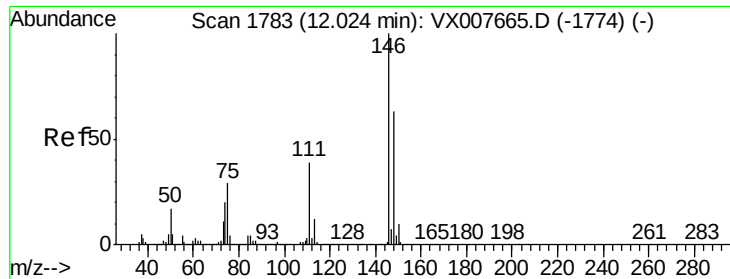


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

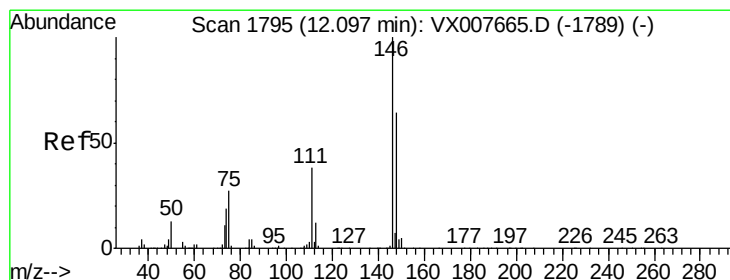
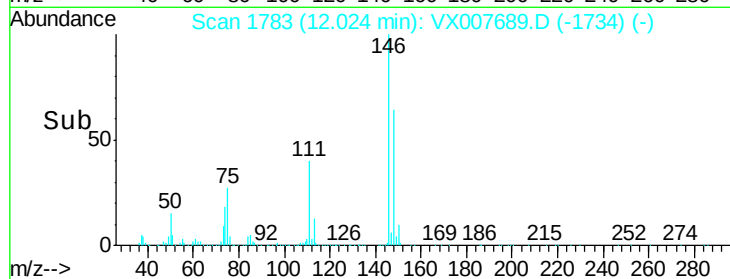
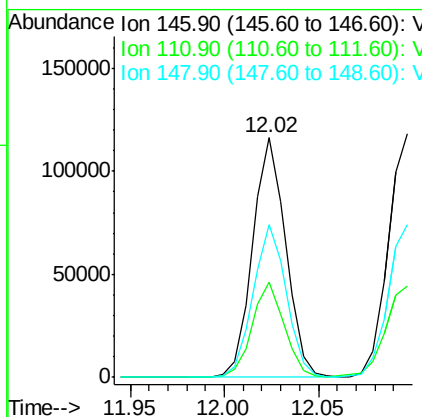
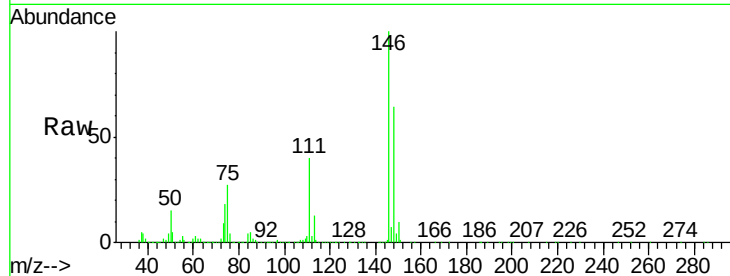




#87
 1,3-Dichlorobenzene
 Concen: 20.529 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

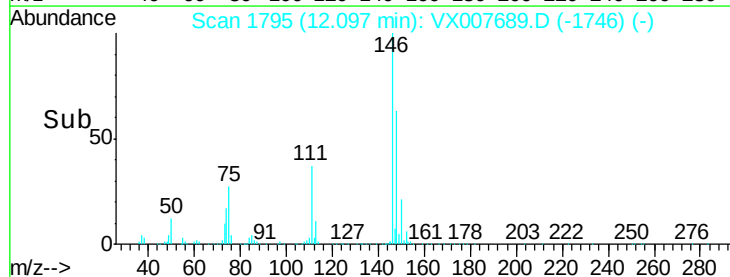
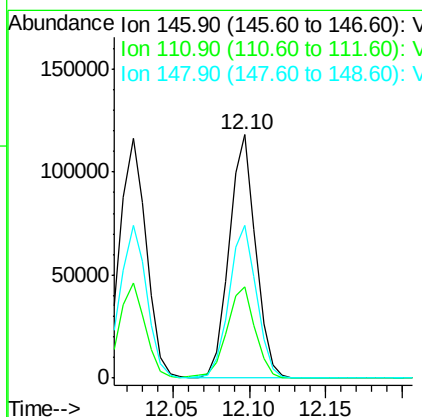
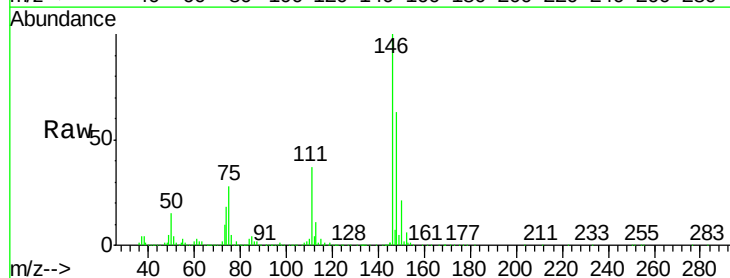
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

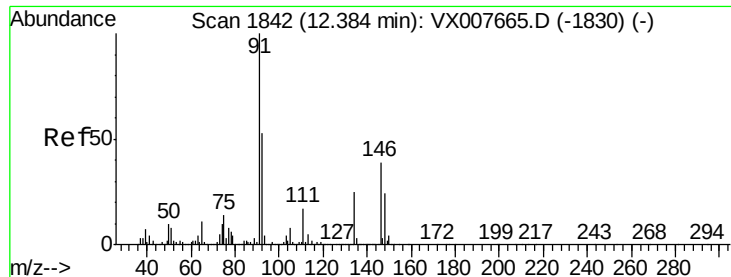
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.1	54.1
148	63.8	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.997 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	18.1	54.1
148	65.3	32.3	96.9

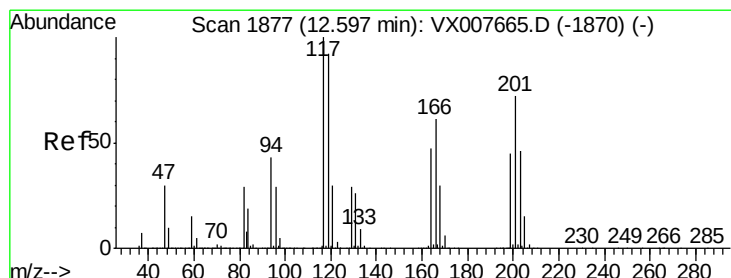
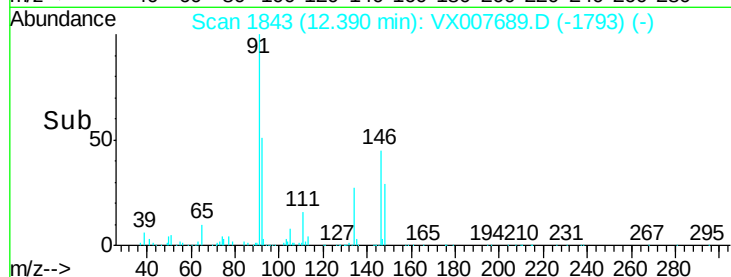
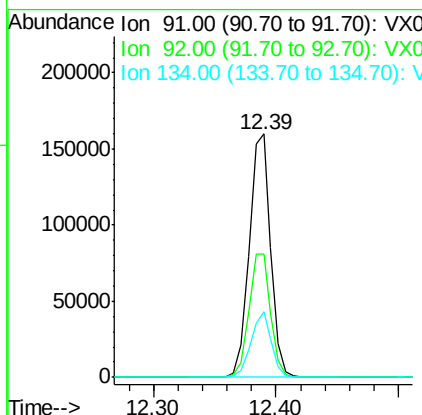
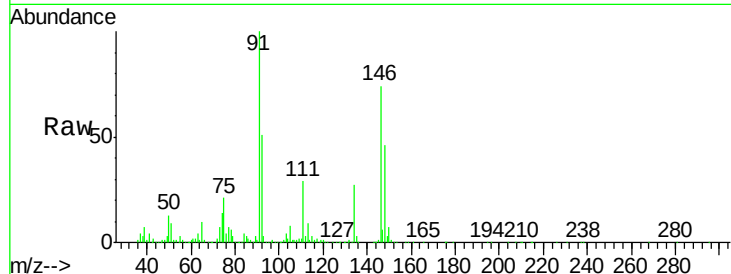




#89
n-Butylbenzene
Concen: 17.022 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

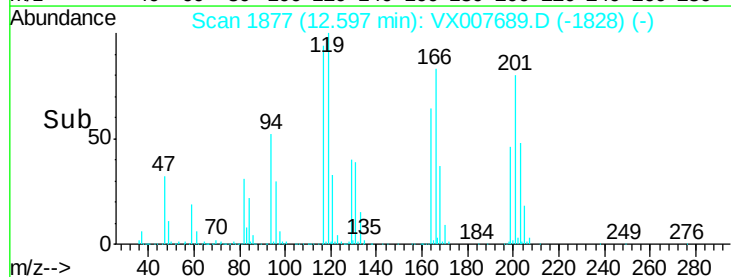
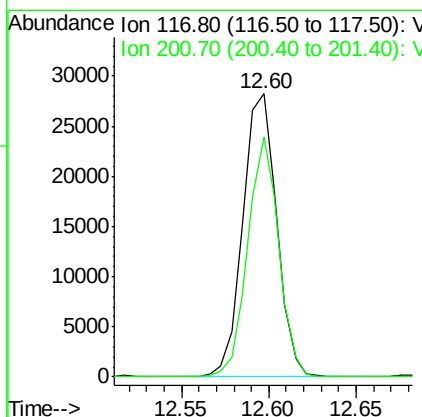
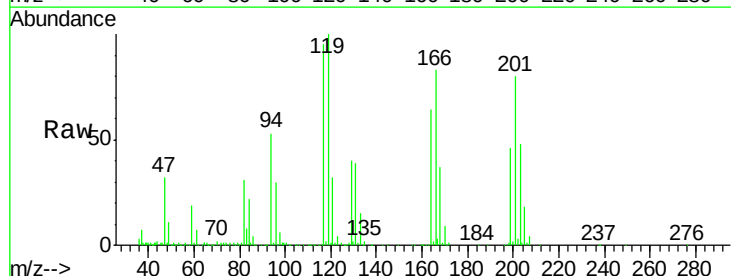
Instrument :
MSVOA_X
ClientSampleId :
VX0225WBS02

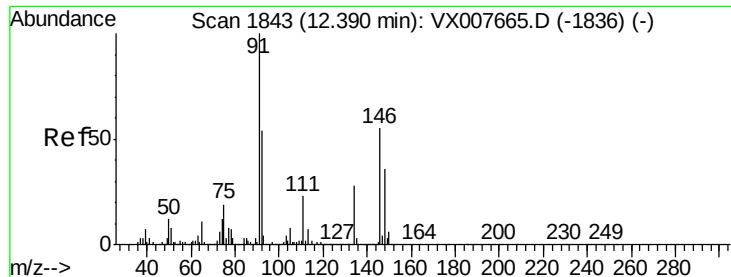
Tot Ion: 91 Resp: 194573
Ion Ratio Lower Upper
91 100
92 51.3 26.3 78.9
134 25.8 13.9 41.6



#90
Hexachloroethane
Concen: 17.658 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007689.D
Acq: 26 Feb 2019 02:28

Tgt Ion: 117 Resp: 38133
Ion Ratio Lower Upper
117 100
201 77.2 44.9 134.7

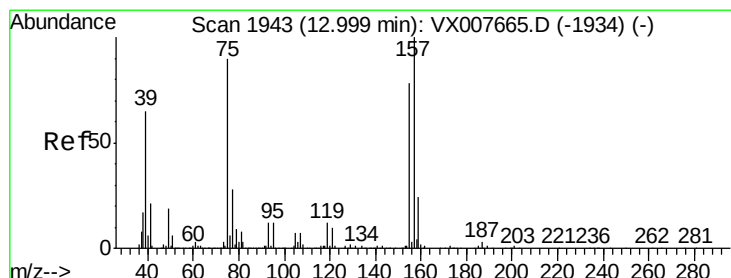
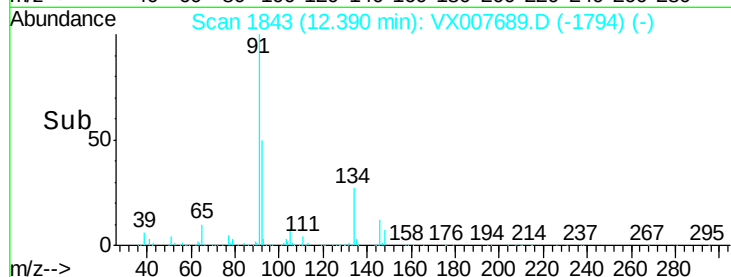
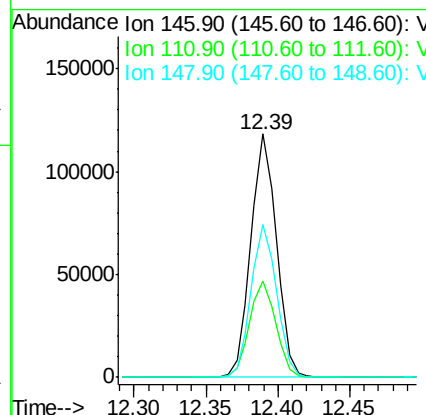
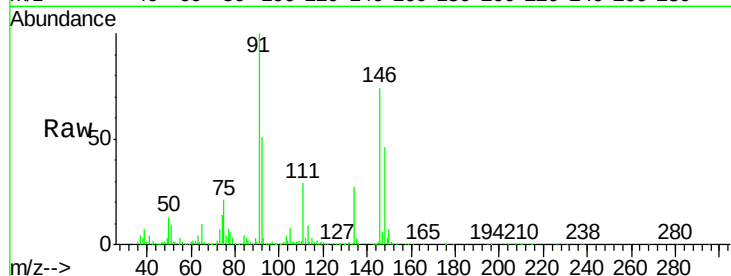




#91
 1,2-Dichlorobenzene
 Concen: 21.155 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

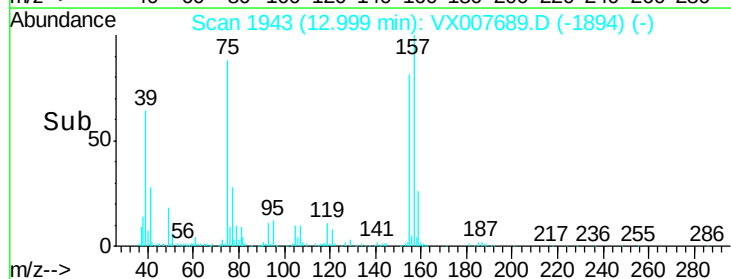
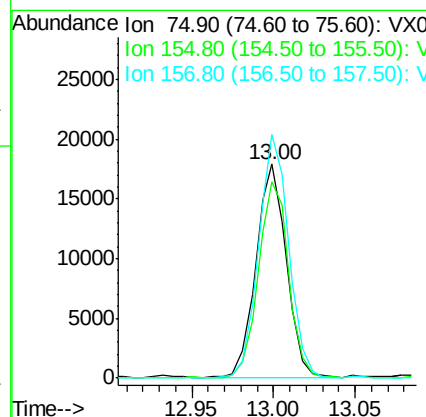
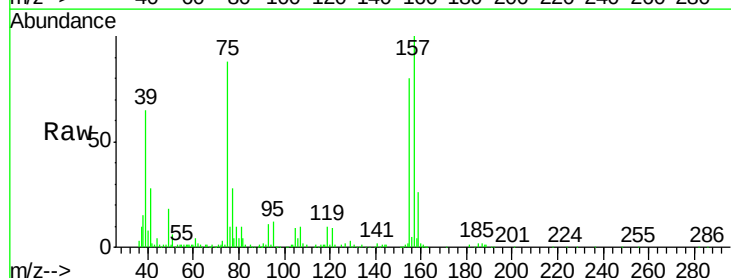
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

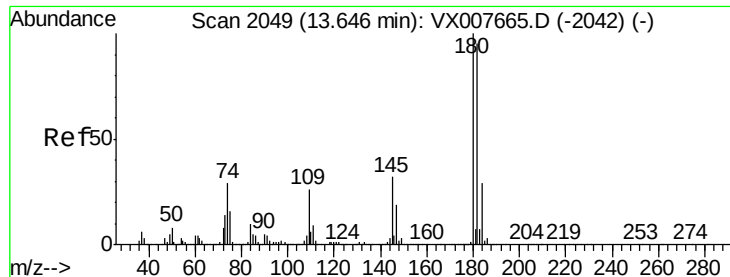
Tot Ion:146 Resp: 145631
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.1 57.3
 148 62.9 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.962 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion: 75 Resp: 23361
 Ion Ratio Lower Upper
 75 100
 155 90.2 49.6 149.0
 157 111.9 65.1 195.3

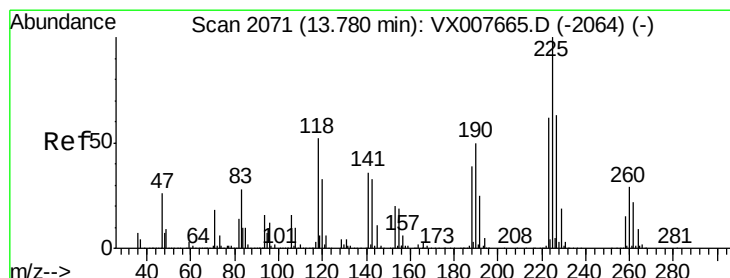
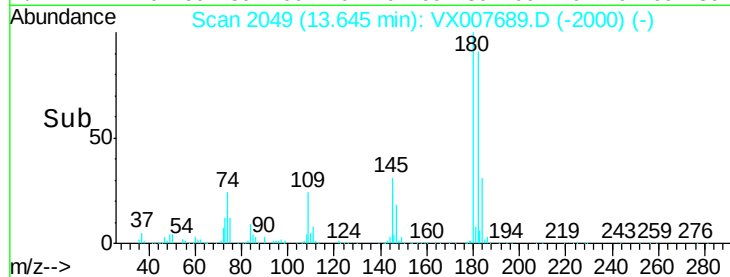
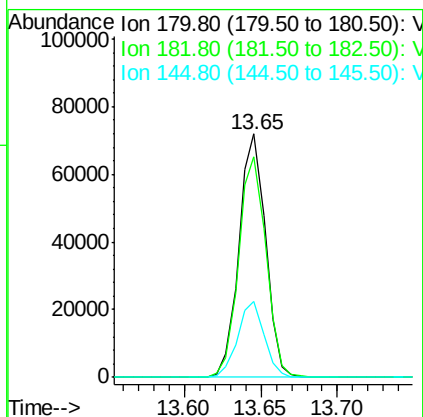
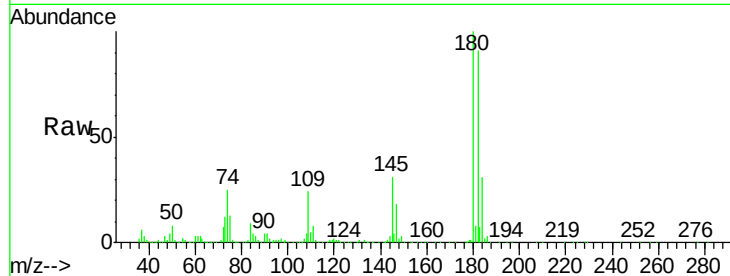




#93
 1,2,4-Trichlorobenzene
 Concen: 20.659 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

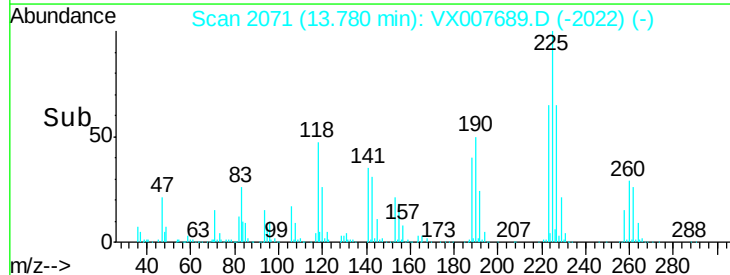
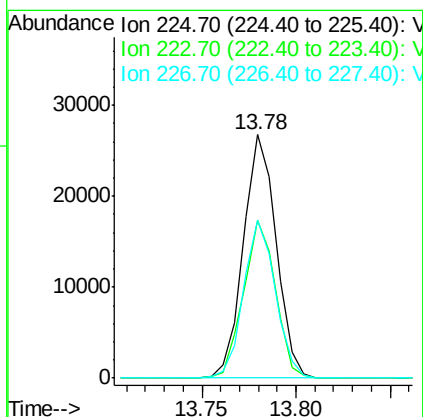
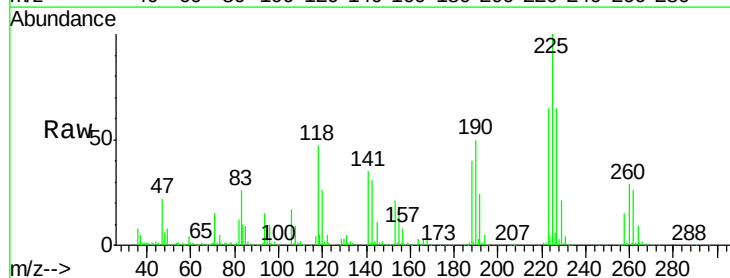
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS02

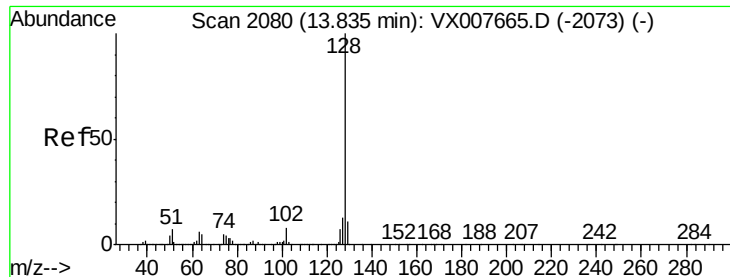
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.8	143.3
145	31.3	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 16.825 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007689.D
 Acq: 26 Feb 2019 02:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.6	94.8
227	63.1	32.1	96.3





#95

Naphthalene

Concen: 22.734 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

Instrument :

MSVOA_X

ClientSampleId :

VX0225WBS02

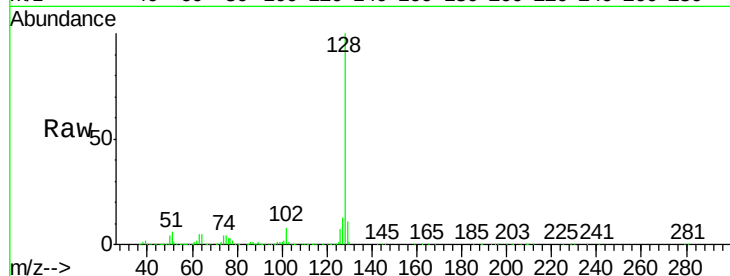
Tot Ion:128 Resp: 309504

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

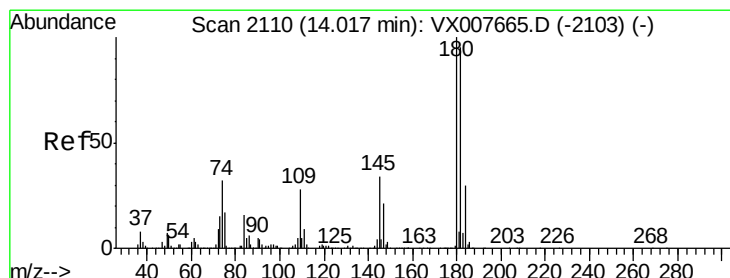
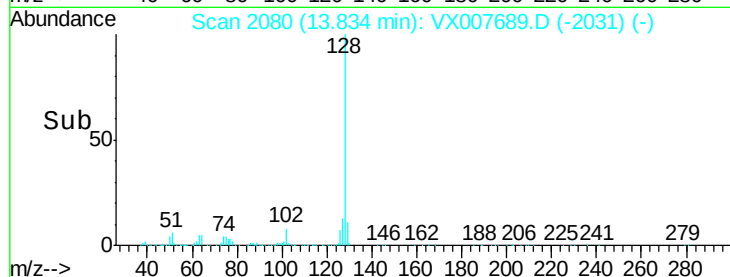
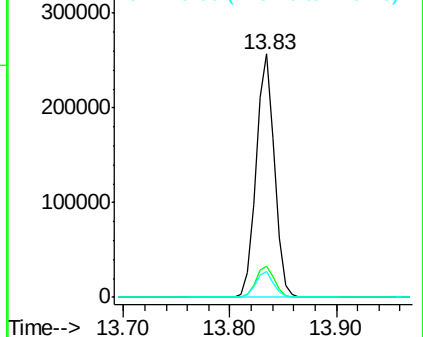
129 10.6 8.7 13.1



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: 21.392 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007689.D

Acq: 26 Feb 2019 02:28

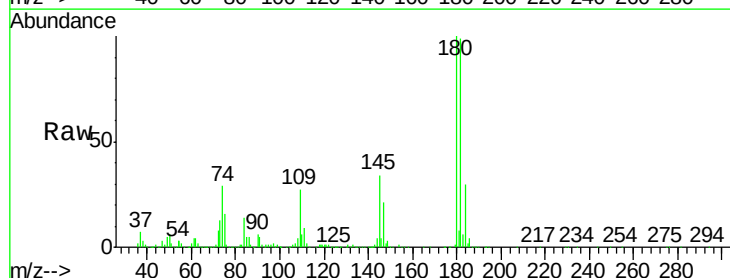
Tgt Ion:180 Resp: 90259

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.6

145 33.5 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

