

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041019\
 Data File : VX008823.D
 Acq On : 10 Apr 2019 22:55
 Operator : JC/SP
 Sample : VX0410WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

Quant Time: Apr 11 12:41:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	162803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114662	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116595	49.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.20%	
35) Dibromofluoromethane	5.50	113	85871	49.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.84%	
50) Toluene-d8	8.71	98	344894	49.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	125610	51.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	28489	15.202	ug/l	100
3) Chloromethane	1.32	50	43324	17.775	ug/l	98
4) Vinyl Chloride	1.41	62	40351	15.928	ug/l	98
5) Bromomethane	1.64	94	23230	19.798	ug/l	99
6) Chloroethane	1.72	64	25416	16.332	ug/l	99
7) Trichlorofluoromethane	1.93	101	46983	16.778	ug/l	96
8) Diethyl Ether	2.18	74	22155	16.683	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29946	16.609	ug/l	98
10) Methyl Iodide	2.51	142	28142	19.769	ug/l	100
11) Tert butyl alcohol	3.04	59	53127	95.566	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31779	16.884	ug/l	96
13) Acrolein	2.29	56	35133	127.453	ug/l	99
14) Allyl chloride	2.73	41	75093	17.428	ug/l	97
15) Acrylonitrile	3.14	53	131999	89.629	ug/l	99
16) Acetone	2.44	43	113891	83.273	ug/l	97
17) Carbon Disulfide	2.57	76	87789	15.644	ug/l	100
18) Methyl Acetate	2.77	43	61045	18.403	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	124077	18.460	ug/l	100
20) Methylene Chloride	2.86	84	39339	17.184	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	33902	16.653	ug/l	98
22) Diisopropyl ether	3.85	45	148787	17.916	ug/l	93
23) Vinyl Acetate	3.81	43	653571	90.466	ug/l	99
24) 1,1-Dichloroethane	3.70	63	72539	17.642	ug/l	98
25) 2-Butanone	4.67	43	192272	88.946	ug/l	100
26) 2,2-Dichloropropane	4.58	77	43506	15.023	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40289	17.213	ug/l	99
28) Bromochloromethane	5.02	49	38727	20.779	ug/l	99
29) Tetrahydrofuran	5.13	42	128207	89.359	ug/l	100
30) Chloroform	5.21	83	66178	18.020	ug/l	96
31) Cyclohexane	5.58	56	68241	16.633	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	52165	17.578	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49565	16.683	ug/l	99
37) Ethyl Acetate	4.83	43	71556	18.044	ug/l	99
38) Carbon Tetrachloride	5.78	117	42513	17.289	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

Quant Time: Apr 11 12:41:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58587	15.963	ug/l	97
40) Benzene	6.14	78	156411	17.672	ug/l	98
41) Methacrylonitrile	5.04	41	41079	18.021	ug/l	99
42) 1,2-Dichloroethane	6.19	62	56242	17.725	ug/l	100
43) Isopropyl Acetate	6.45	43	113601	18.287	ug/l	99
44) Trichloroethene	7.21	130	36371	17.644	ug/l	95
45) 1,2-Dichloropropane	7.51	63	44533	17.628	ug/l	98
46) Dibromomethane	7.66	93	25358	17.307	ug/l	97
47) Bromodichloromethane	7.90	83	49205	17.811	ug/l	98
48) Methyl methacrylate	7.77	41	57602	18.331	ug/l	98
49) 1,4-Dioxane	7.74	88	22763	386.692	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	383326	95.856	ug/l	100
52) Toluene	8.78	92	93976	18.010	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53823	17.393	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	60974	17.244	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	38780	18.515	ug/l	97
56) Ethyl methacrylate	9.18	69	70344	18.562	ug/l	98
57) 1,3-Dichloropropane	9.37	76	67686	17.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	172830	89.313	ug/l	99
59) 2-Hexanone	9.49	43	294690	94.823	ug/l	100
60) Dibromochloromethane	9.58	129	35714	18.095	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38973	17.873	ug/l	98
64) Tetrachloroethene	9.34	164	32613	18.117	ug/l	99
65) Chlorobenzene	10.14	112	96436	17.905	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	34200	18.100	ug/l	100
67) Ethyl Benzene	10.25	91	178184	17.742	ug/l	99
68) m/p-Xylenes	10.36	106	129581	35.885	ug/l	99
69) o-Xylene	10.69	106	64222	18.352	ug/l	97
70) Styrene	10.71	104	110360	18.295	ug/l	100
71) Bromoform	10.85	173	26003	18.019	ug/l #	99
73) Isopropylbenzene	11.02	105	169642	17.853	ug/l	100
74) N-amyl acetate	10.90	43	101739	18.198	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	64348	17.806	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	55620m	17.658	ug/l	
77) Bromobenzene	11.26	156	41627	18.222	ug/l	97
78) n-propylbenzene	11.36	91	191558	17.313	ug/l	99
79) 2-Chlorotoluene	11.42	91	116385	17.382	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	142041	17.808	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18381	16.086	ug/l	94
82) 4-Chlorotoluene	11.51	91	134329	17.332	ug/l	99
83) tert-Butylbenzene	11.77	119	134044	17.467	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	143075	17.715	ug/l	100
85) sec-Butylbenzene	11.94	105	161045	17.668	ug/l	99
86) p-Isopropyltoluene	12.06	119	144751	17.693	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	71840	17.567	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	71785	17.335	ug/l	100
89) n-Butylbenzene	12.38	91	130399	16.995	ug/l	100
90) Hexachloroethane	12.60	117	23509	17.325	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	73397	18.076	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13756	17.303	ug/l	99

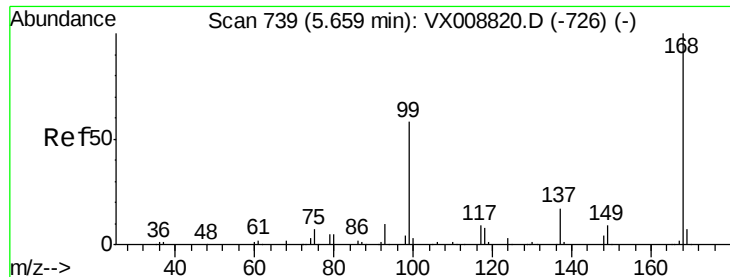
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041019\
Data File : VX008823.D
Acq On : 10 Apr 2019 22:55
Operator : JC/SP
Sample : VX0410WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

Quant Time: Apr 11 12:41:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	50005	17.712	ug/l	98
94) Hexachlorobutadiene	13.78	225	24453	18.060	ug/l	98
95) Naphthalene	13.83	128	167043	17.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	50656	17.958	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

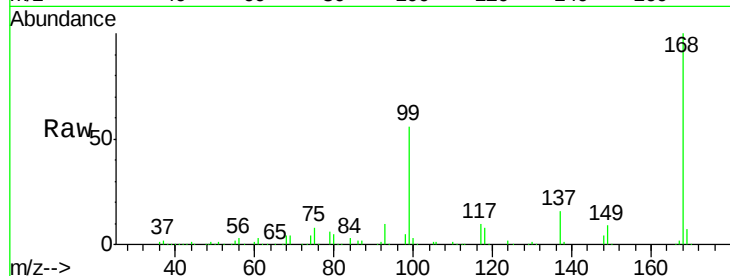
VX0410WBSD02

Tot Ion:168 Resp: 162803

Ion Ratio Lower Upper

168 100

99 55.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

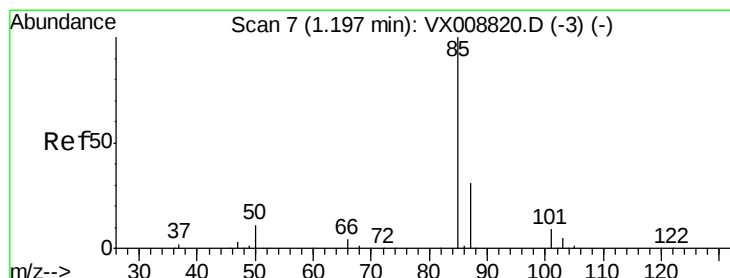
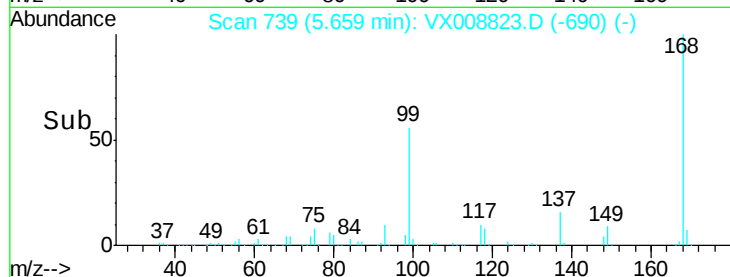
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.202 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008823.D

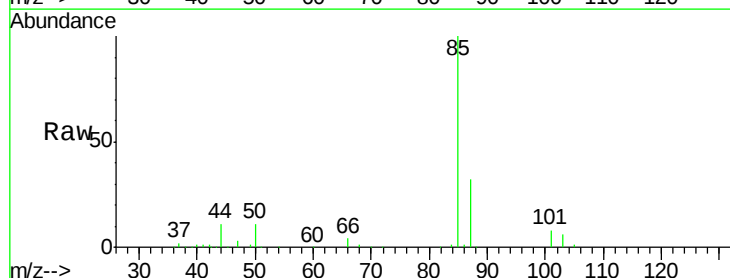
Acq: 10 Apr 2019 22:55

Tgt Ion: 85 Resp: 28489

Ion Ratio Lower Upper

85 100

87 31.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

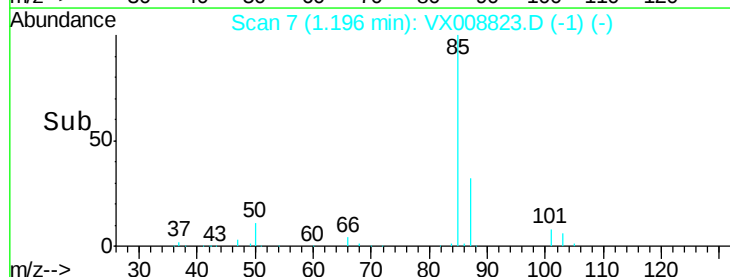
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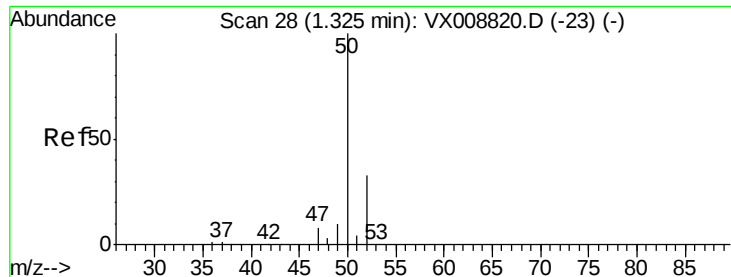
10000

5000

0

Time-->





#3

Chloromethane

Concen: 17.775 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

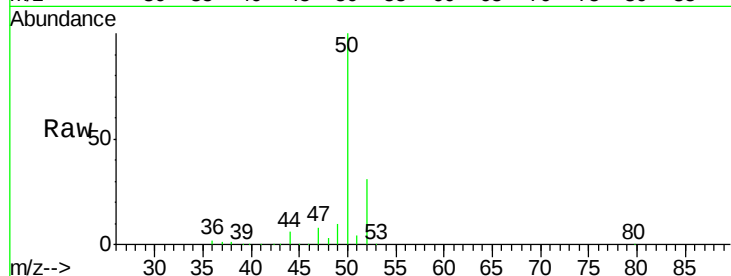
VX0410WBSD02

Tot Ion: 50 Resp: 43324

Ion Ratio Lower Upper

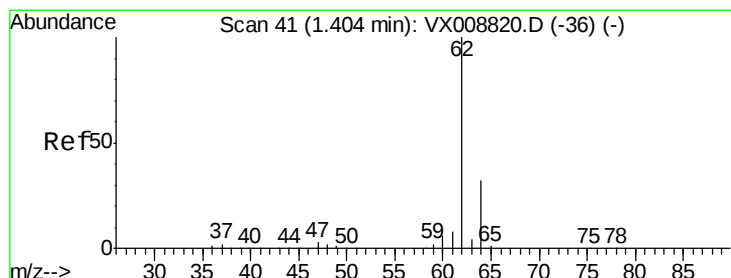
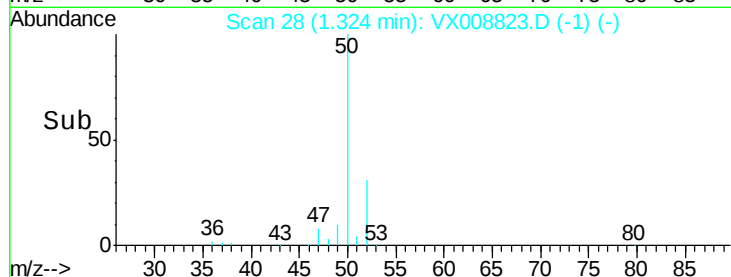
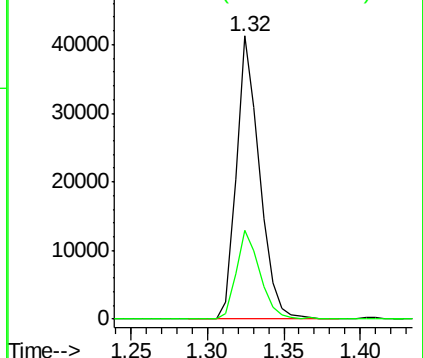
50 100

52 31.4 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 15.928 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008823.D

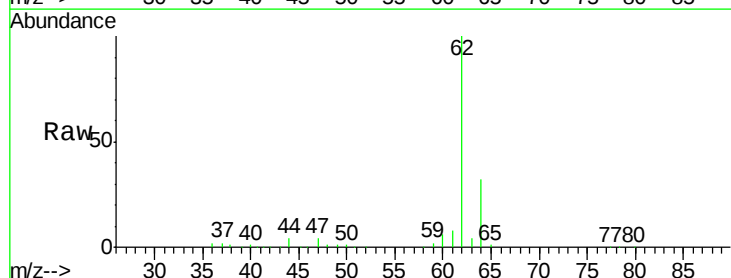
Acq: 10 Apr 2019 22:55

Tgt Ion: 62 Resp: 40351

Ion Ratio Lower Upper

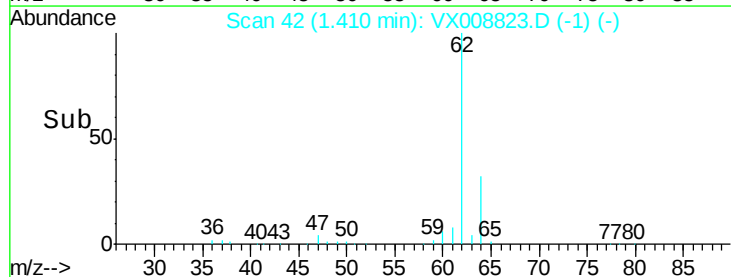
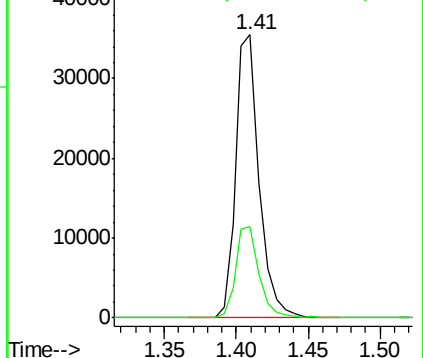
62 100

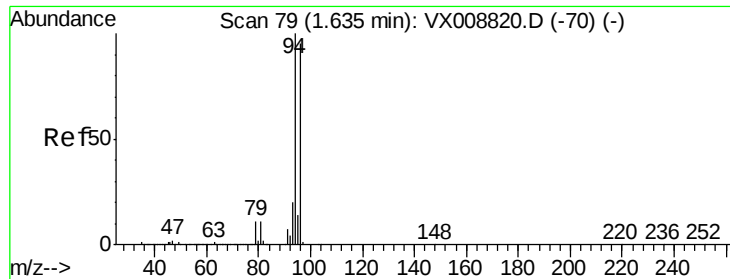
64 32.2 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.798 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

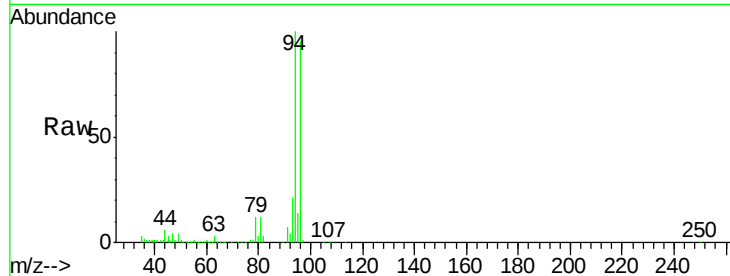
VX0410WBSD02

Tot Ion: 94 Resp: 23230

Ion Ratio Lower Upper

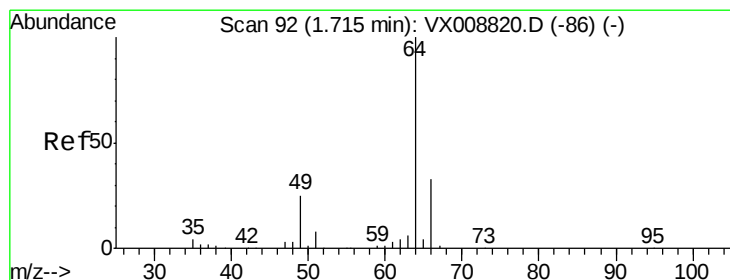
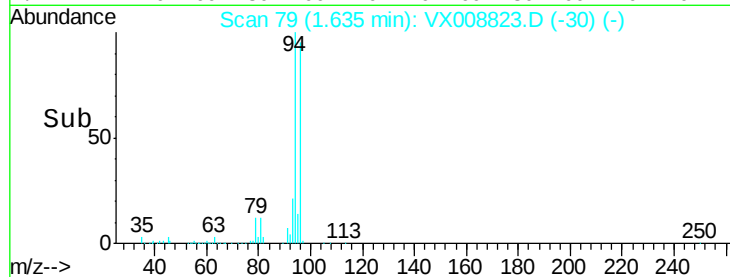
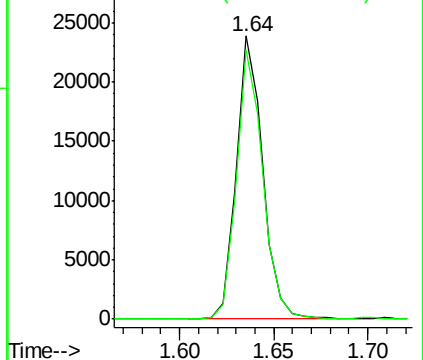
94 100

96 95.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.332 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008823.D

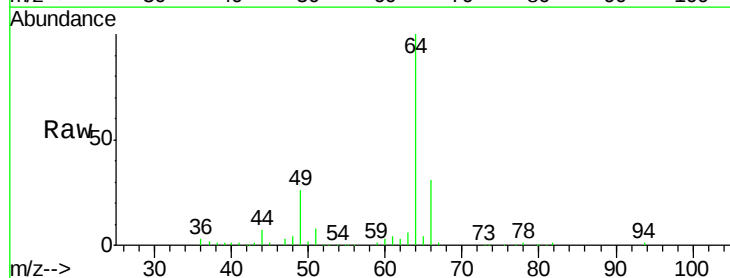
Acq: 10 Apr 2019 22:55

Tgt Ion: 64 Resp: 25416

Ion Ratio Lower Upper

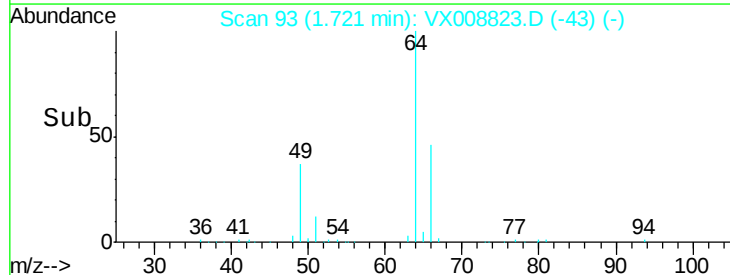
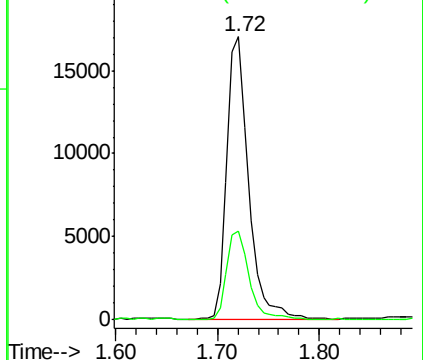
64 100

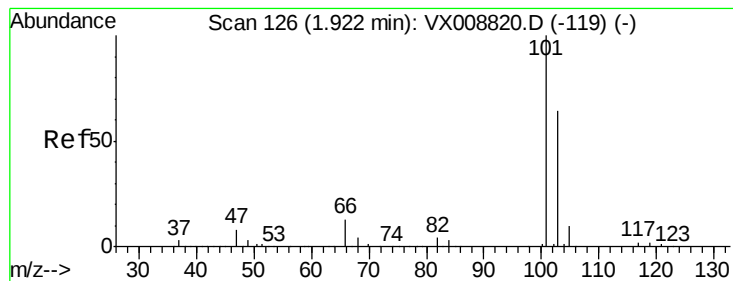
66 31.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



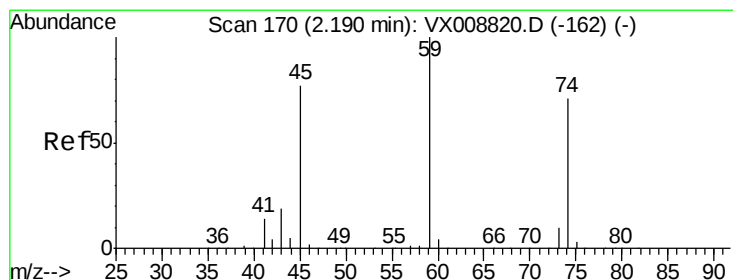
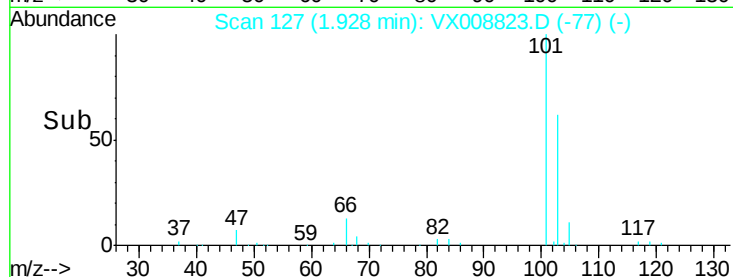
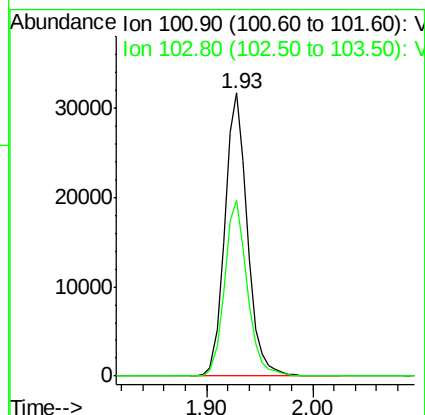
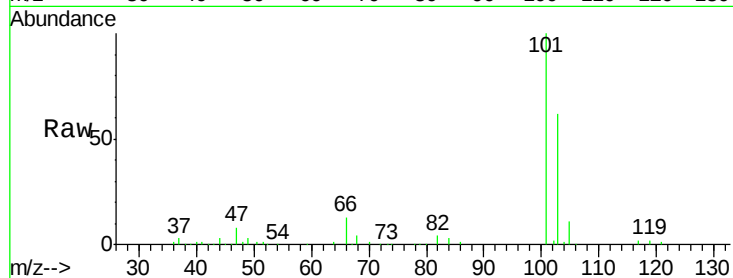


#7

Trichlorofluoromethane
 Concen: 16.778 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

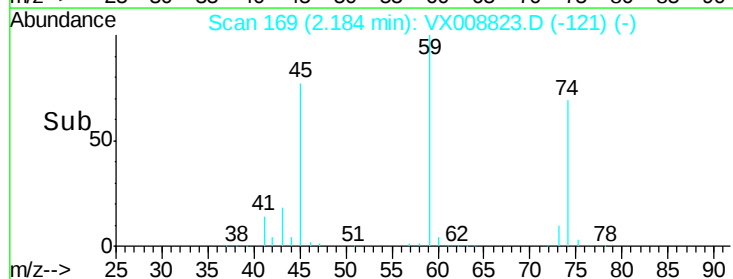
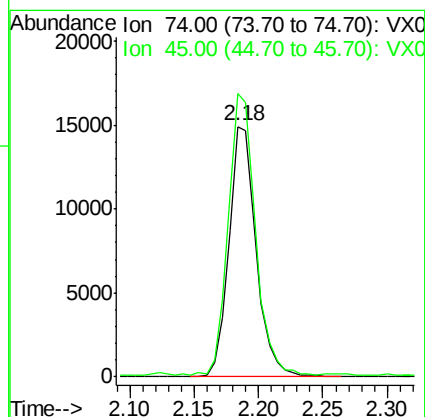
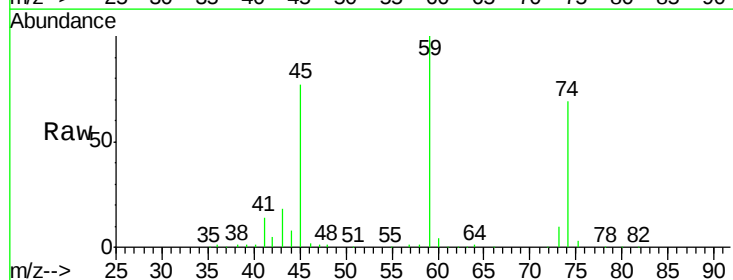
Tot Ion:101 Resp: 46983
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.3 78.5

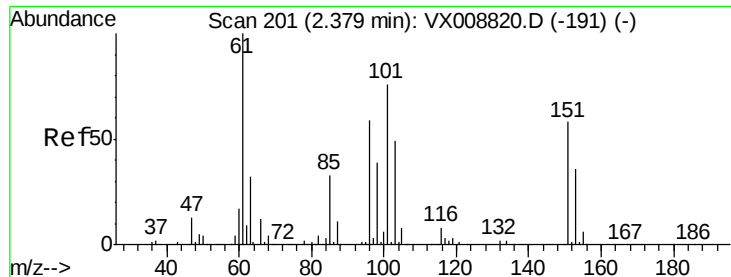


#8

Diethyl Ether
 Concen: 16.683 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Tgt Ion: 74 Resp: 22155
 Ion Ratio Lower Upper
 74 100
 45 111.5 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.609 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

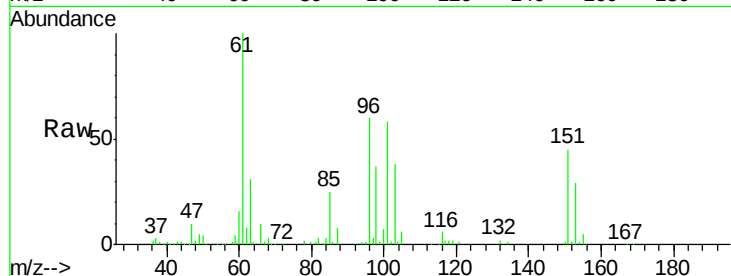
Tot Ion:101 Resp: 29946

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

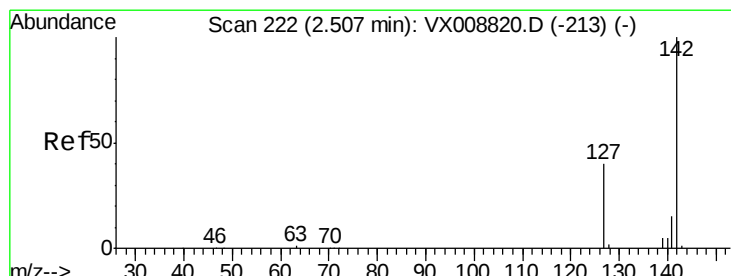
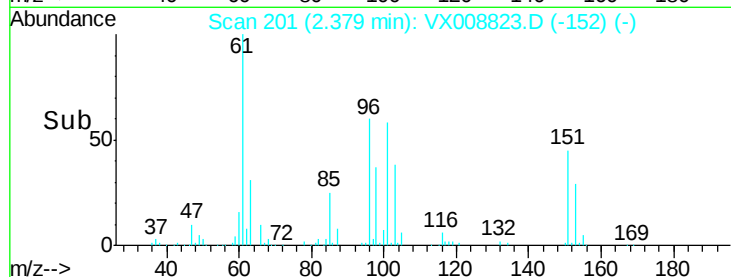
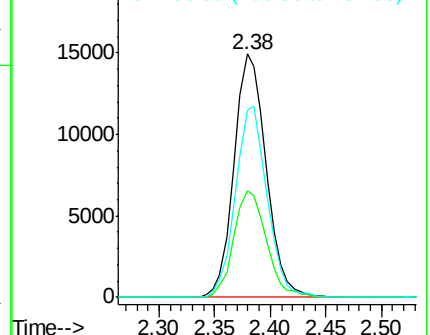
151 77.1 59.9 89.9



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: 19.769 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

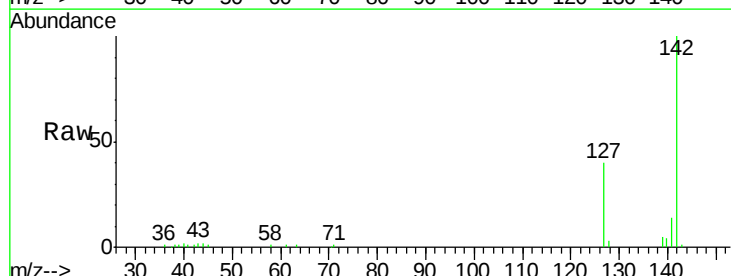
Tgt Ion:142 Resp: 28142

Ion Ratio Lower Upper

142 100

127 41.1 33.0 49.6

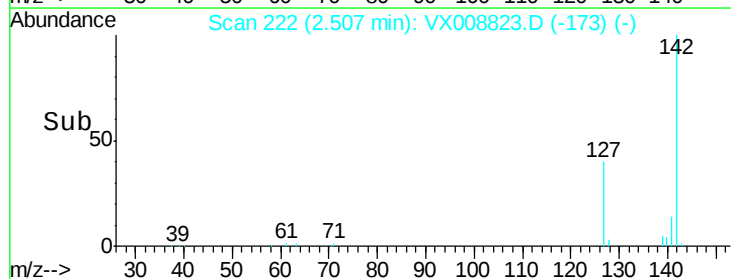
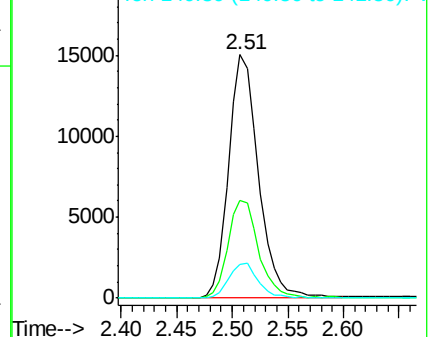
141 14.2 11.4 17.2

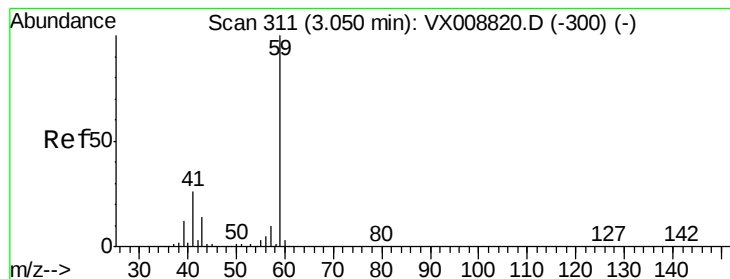


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.566 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

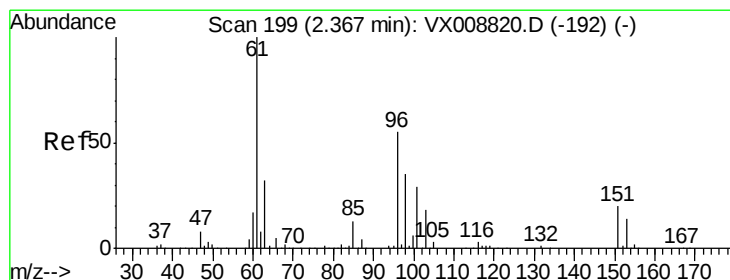
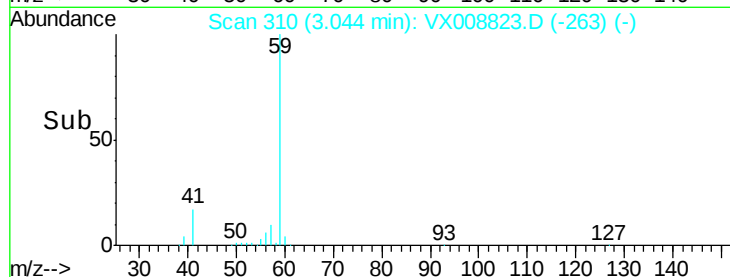
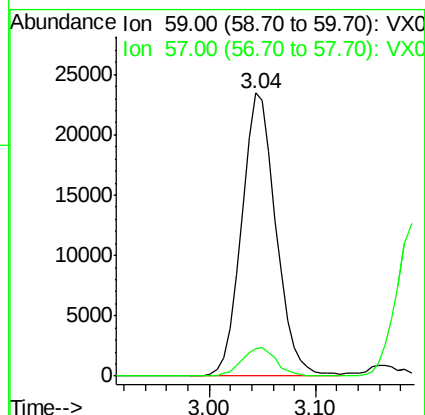
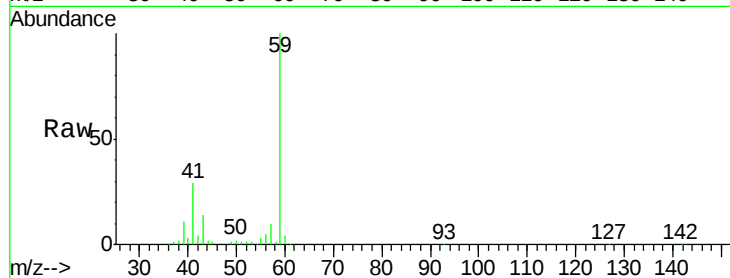
VX0410WBSD02

Tot Ion: 59 Resp: 53127

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 16.884 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

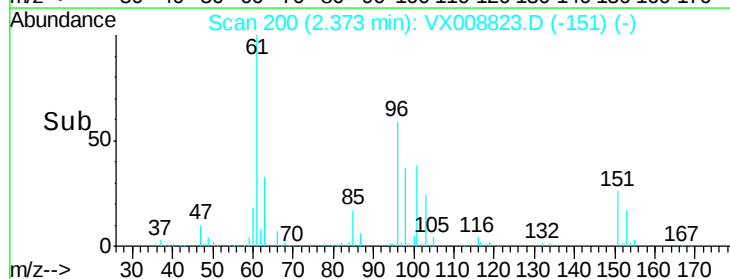
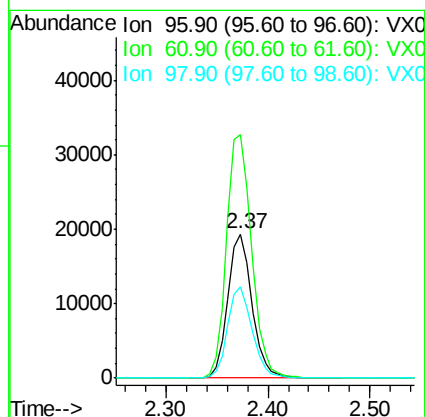
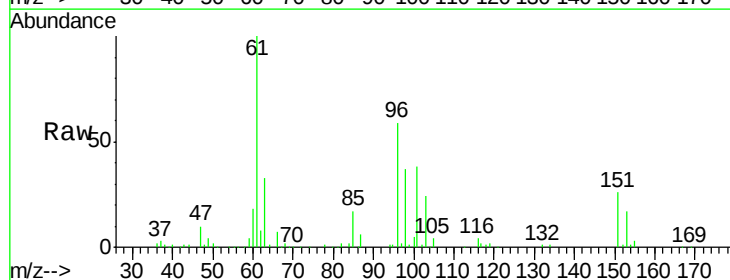
Tgt Ion: 96 Resp: 31779

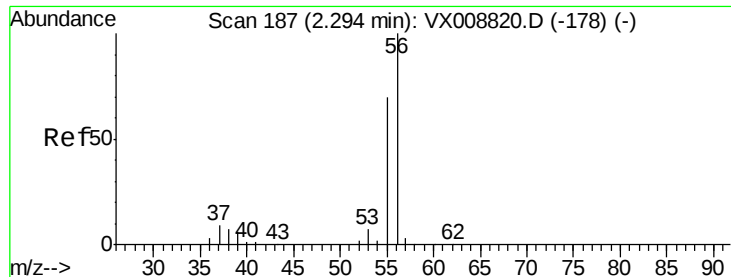
Ion Ratio Lower Upper

96 100

61 169.2 140.9 211.3

98 63.2 52.1 78.1





#13

Acrolein

Concen: 127.453 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

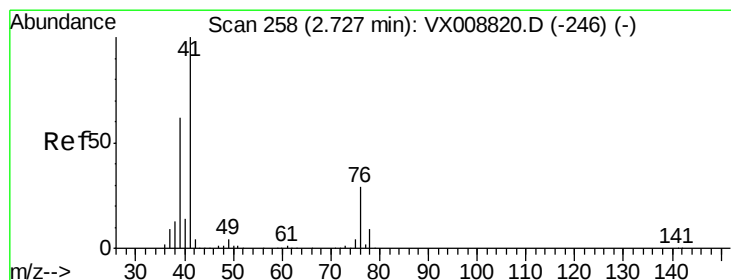
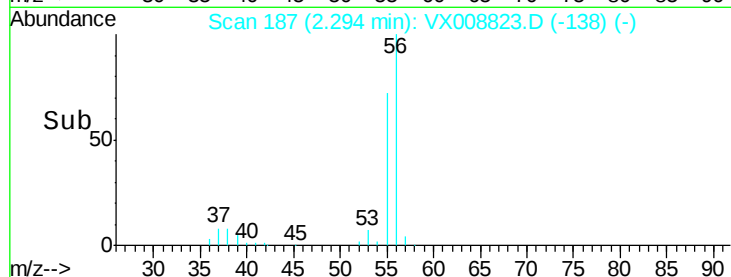
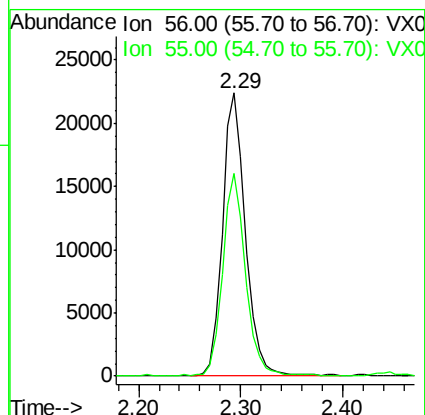
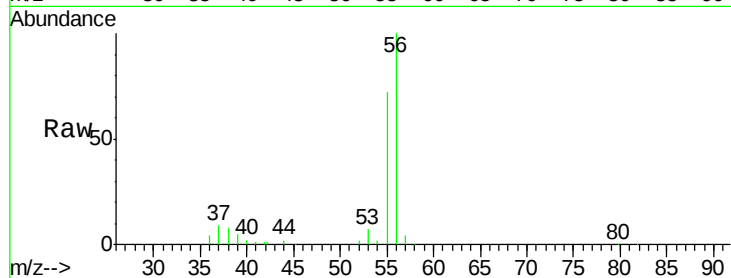
VX0410WBSD02

Tot Ion: 56 Resp: 35133

Ion Ratio Lower Upper

56 100

55 71.6 58.0 87.0



#14

Allyl chloride

Concen: 17.428 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

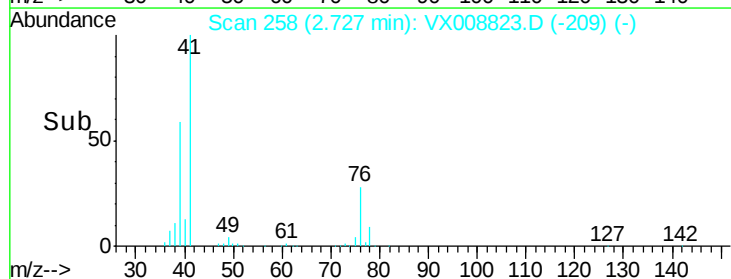
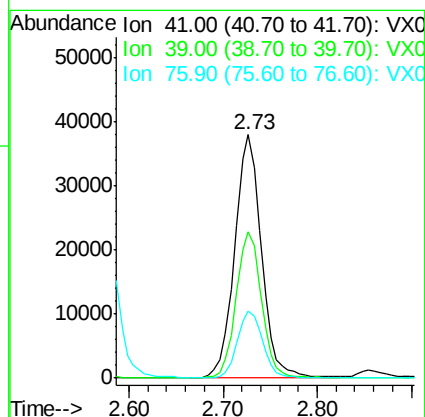
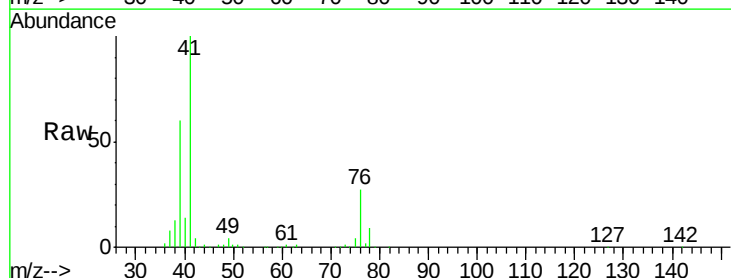
Tgt Ion: 41 Resp: 75093

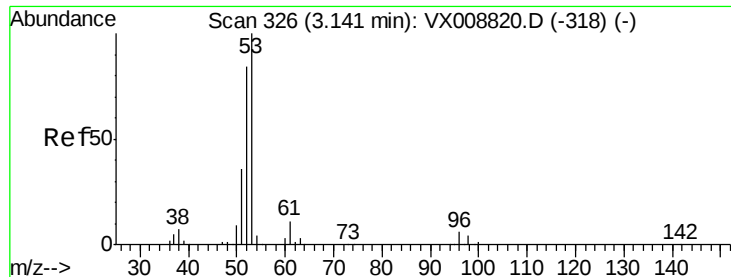
Ion Ratio Lower Upper

41 100

39 57.7 48.0 72.0

76 26.2 22.0 33.0





#15

Acrylonitrile

Concen: 89.629 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

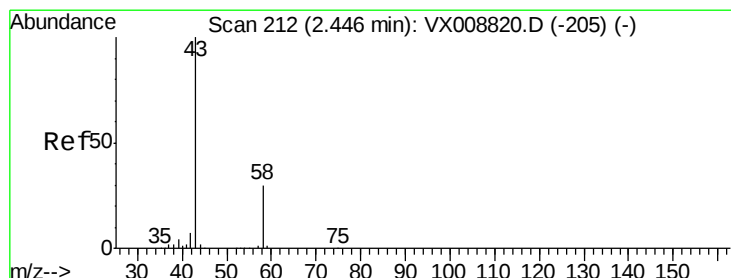
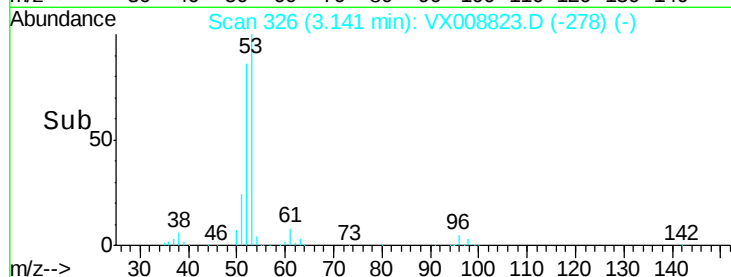
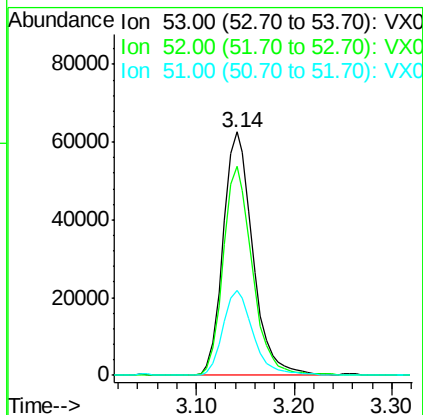
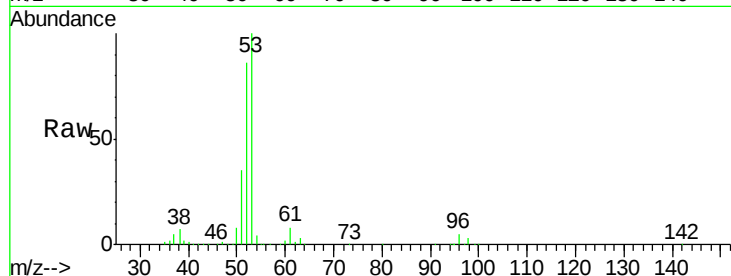
Tot Ion: 53 Resp: 131999

Ion Ratio Lower Upper

53 100

52 84.3 66.5 99.7

51 35.6 28.6 42.8



#16

Acetone

Concen: 83.273 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008823.D

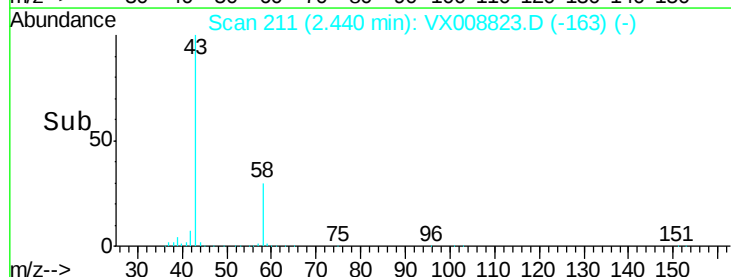
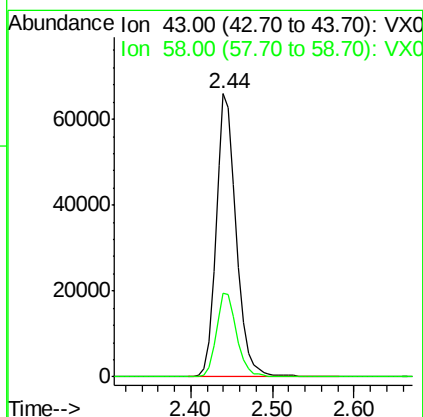
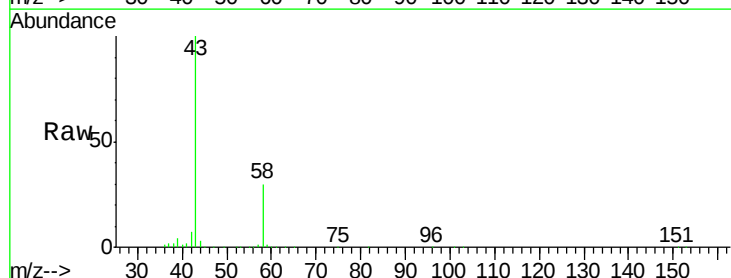
Acq: 10 Apr 2019 22:55

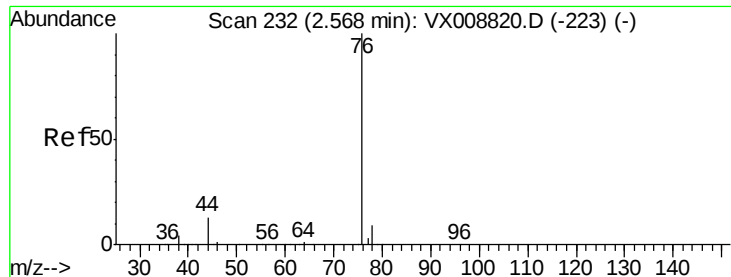
Tgt Ion: 43 Resp: 113891

Ion Ratio Lower Upper

43 100

58 29.5 24.8 37.2

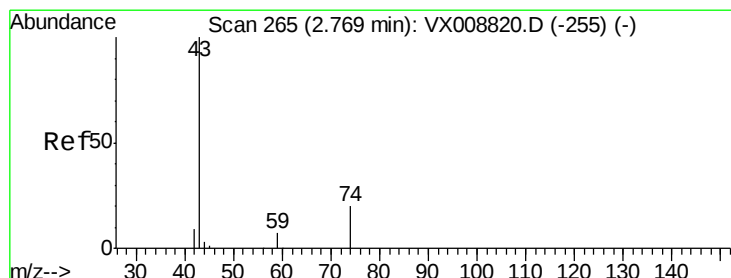
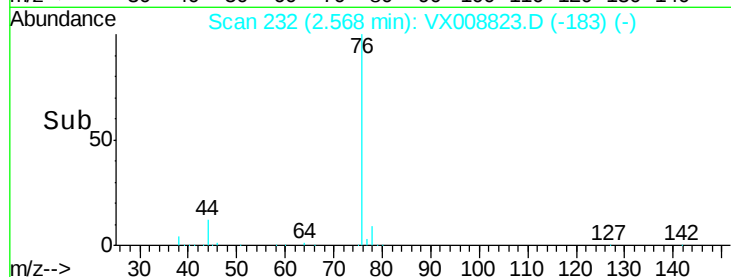
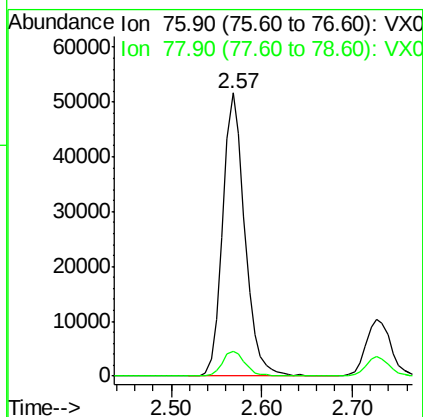
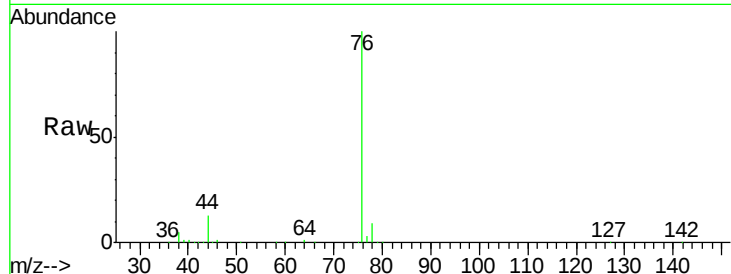




#17
Carbon Disulfide
Concen: 15.644 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

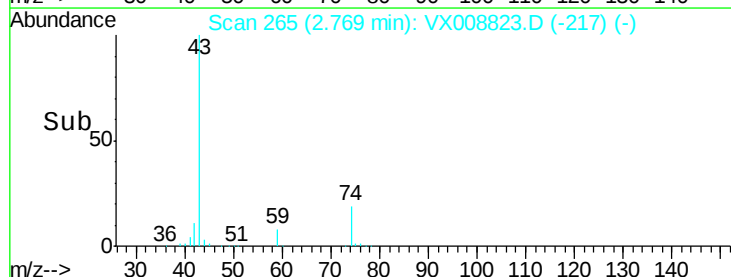
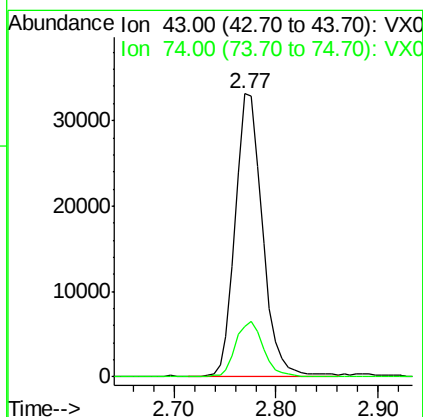
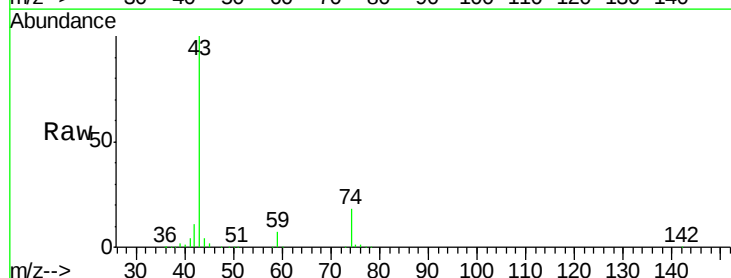
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

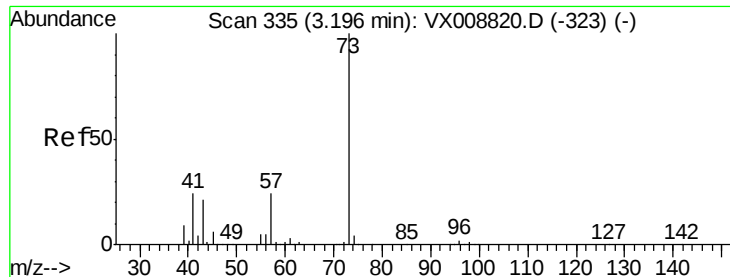
Tot Ion: 76 Resp: 87789
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 18.403 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

Tgt Ion: 43 Resp: 61045
Ion Ratio Lower Upper
43 100
74 20.4 16.5 24.7

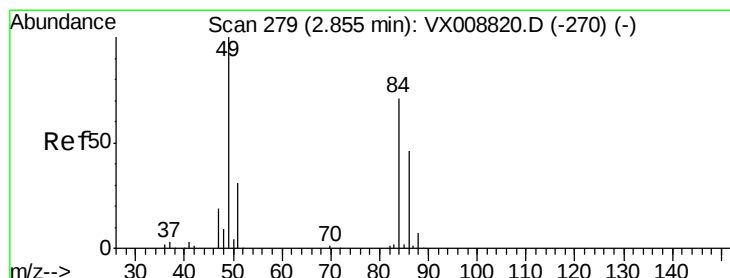
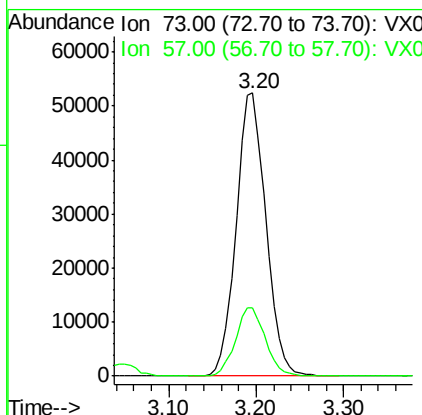
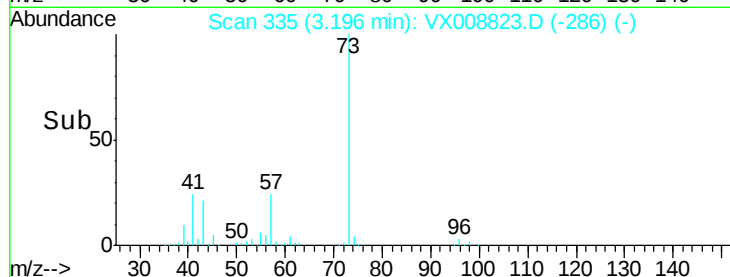
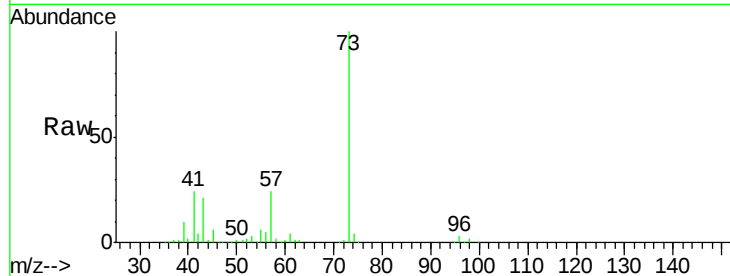




#19
Methvl tert-butvl Ether
Concen: 18.460 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

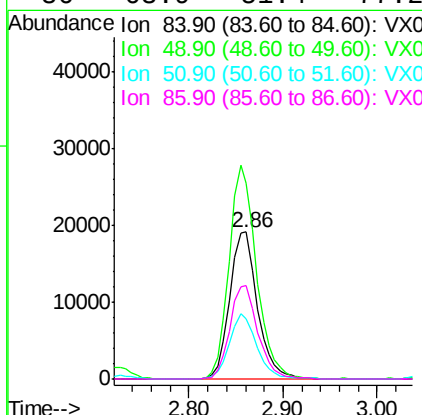
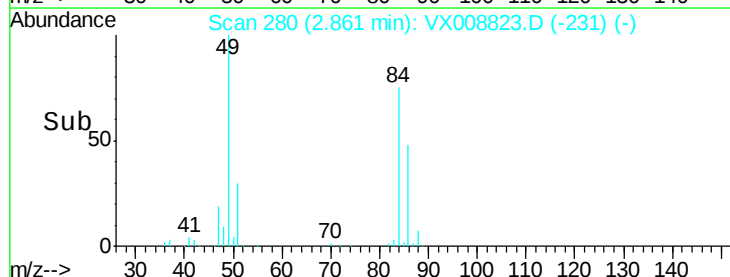
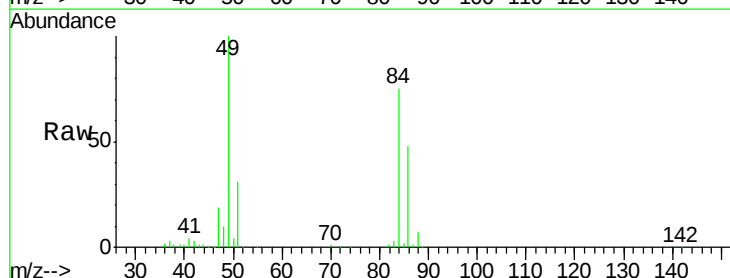
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

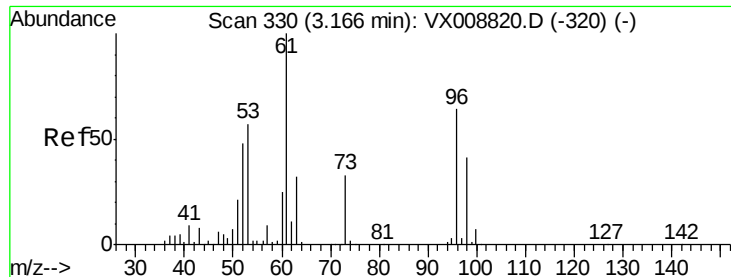
Tot Ion: 73 Resp: 124077
Ion Ratio Lower Upper
73 100
57 24.2 19.5 29.3



#20
Methylene Chloride
Concen: 17.184 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

Tgt Ion: 84 Resp: 39339
Ion Ratio Lower Upper
84 100
49 133.5 109.7 164.5
51 41.1 33.6 50.4
86 63.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.653 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

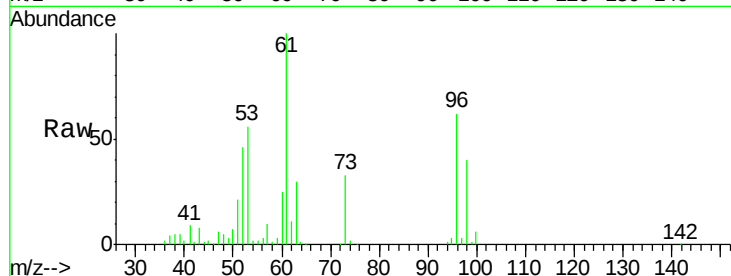
Tot Ion: 96 Resp: 33902

Ion Ratio Lower Upper

96 100

61 162.3 132.1 198.1

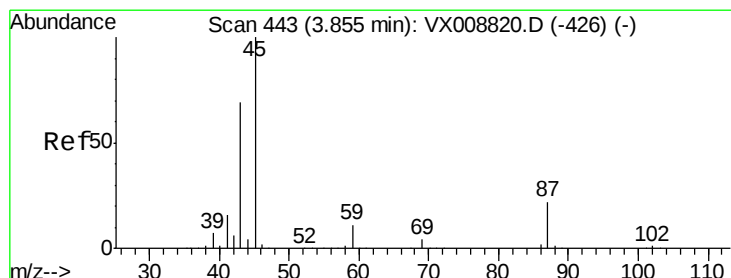
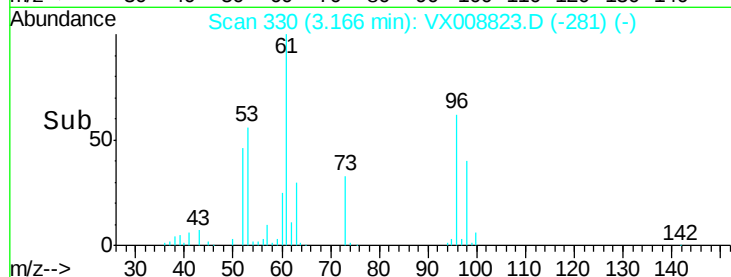
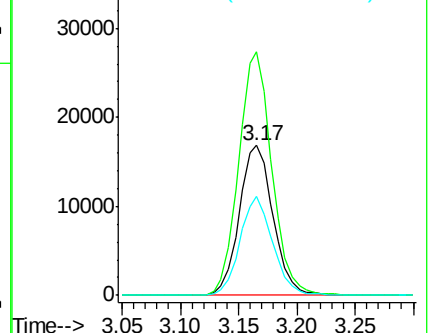
98 65.7 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.916 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Tgt Ion: 45 Resp: 148787

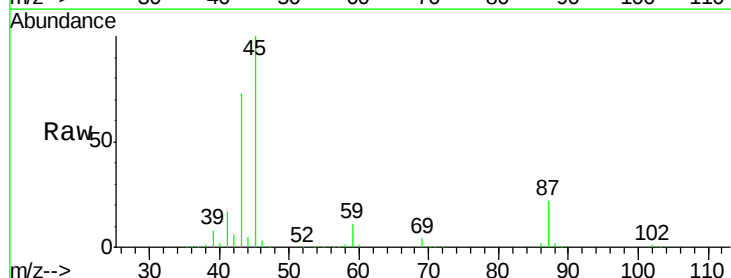
Ion Ratio Lower Upper

45 100

43 72.2 51.3 76.9

87 22.3 18.1 27.1

59 11.0 8.6 13.0

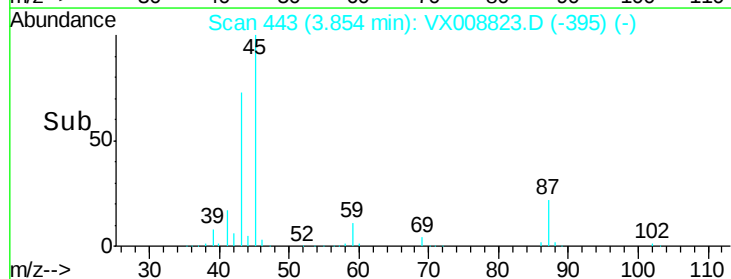
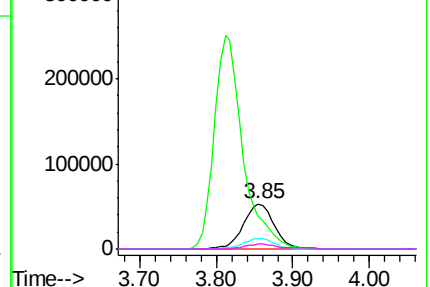


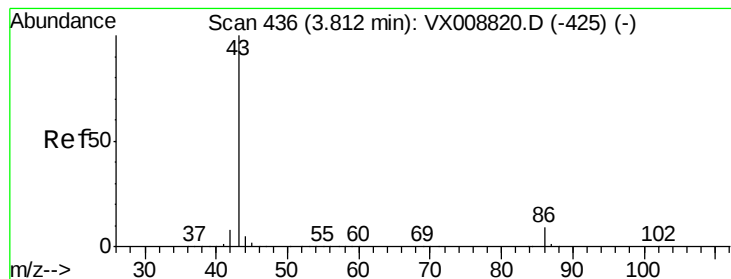
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.466 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleID :

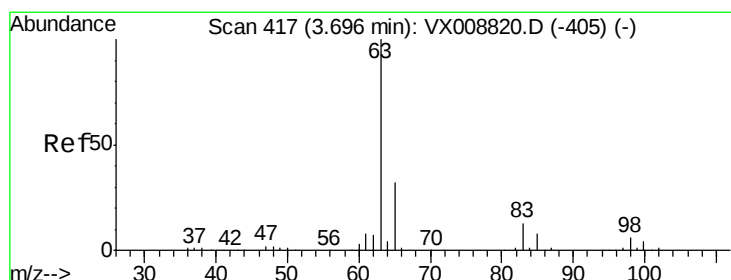
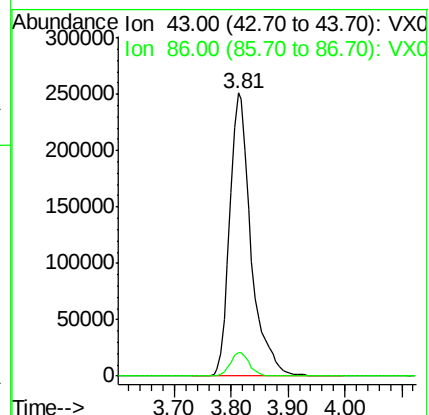
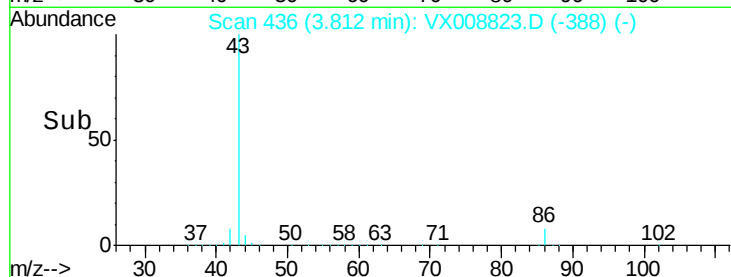
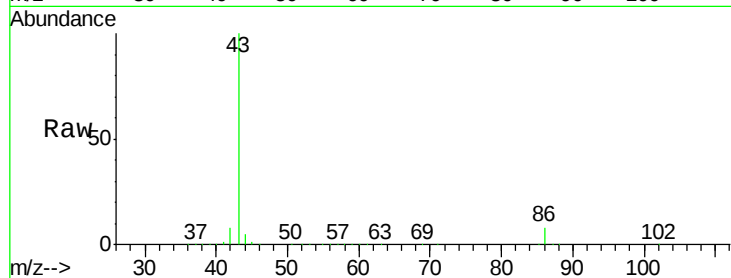
VX0410WBSD02

Tot Ion: 43 Resp: 653571

Ion Ratio Lower Upper

43 100

86 8.3 7.0 10.6



#24

1,1-Dichloroethane

Concen: 17.642 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

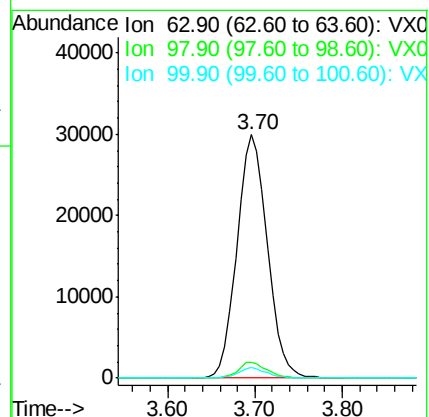
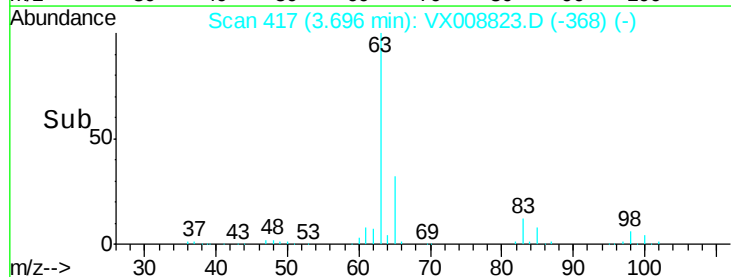
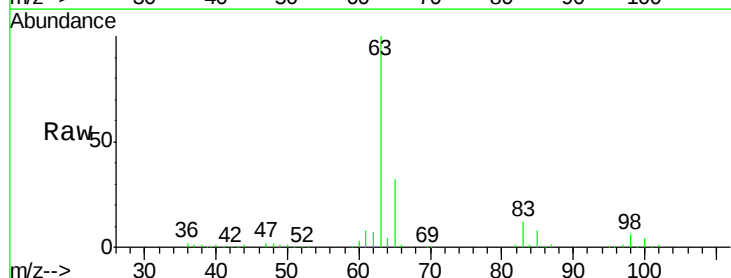
Tgt Ion: 63 Resp: 72539

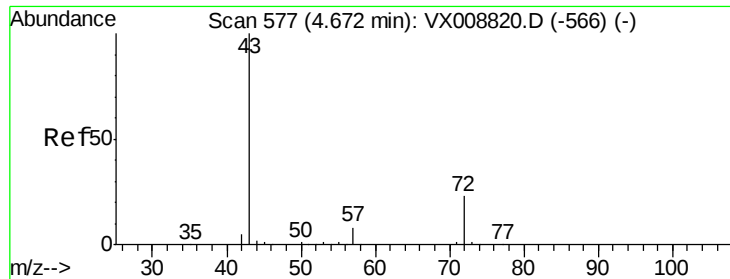
Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.4

100 4.2 1.8 5.5





#25

2-Butanone

Concen: 88.946 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

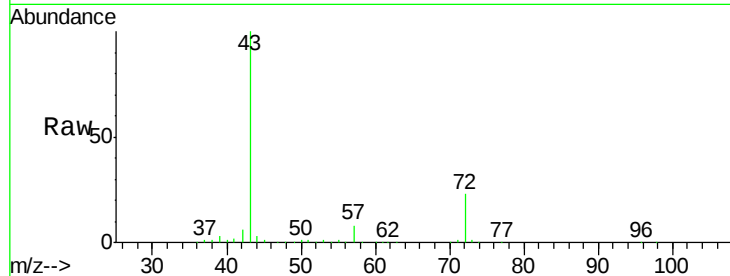
VX0410WBSD02

Tot Ion: 43 Resp: 192272

Ion Ratio Lower Upper

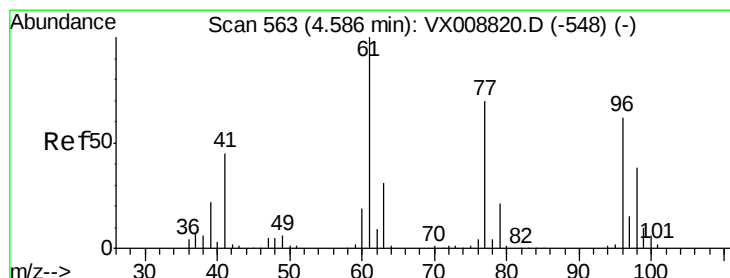
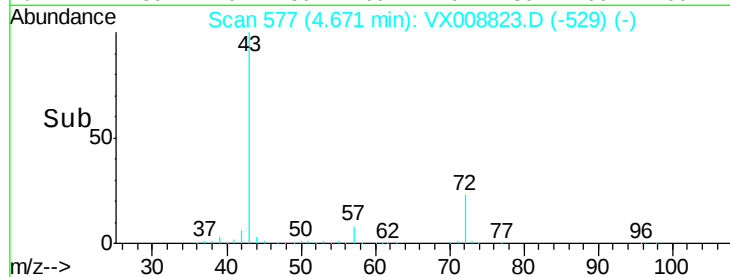
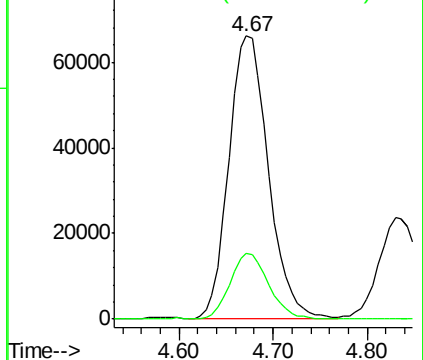
43 100

72 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.023 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008823.D

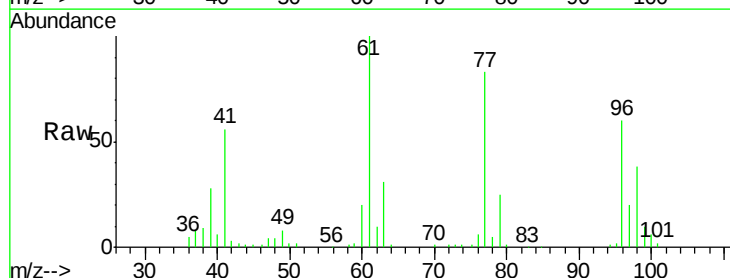
Acq: 10 Apr 2019 22:55

Tgt Ion: 77 Resp: 43506

Ion Ratio Lower Upper

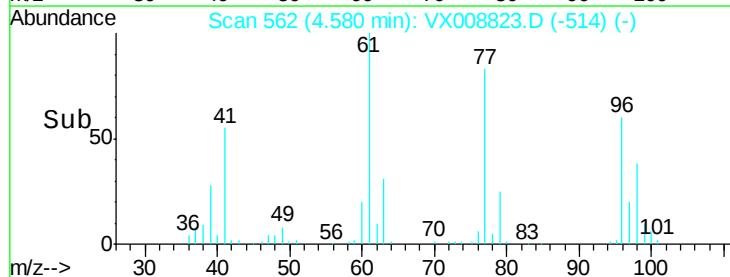
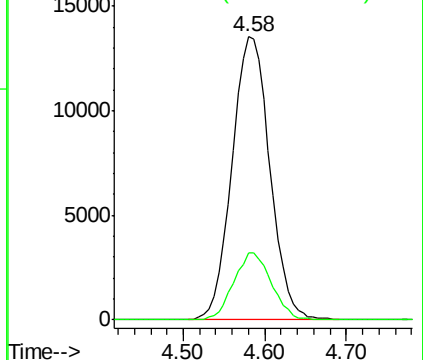
77 100

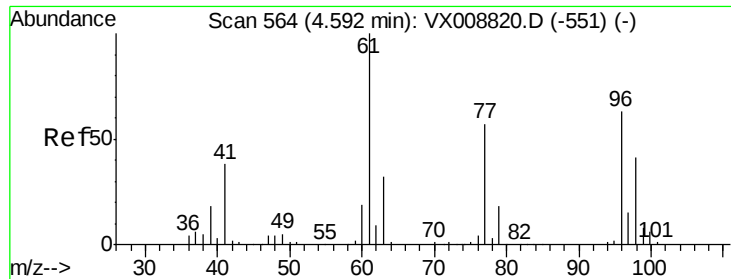
97 23.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



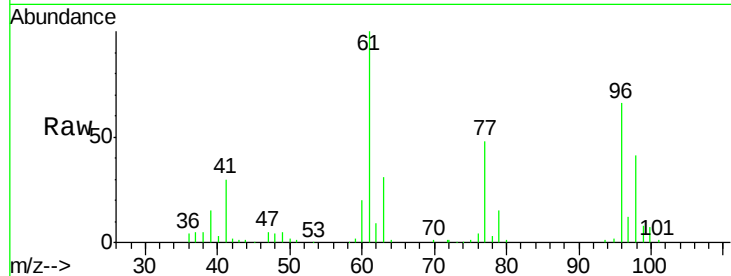


#27

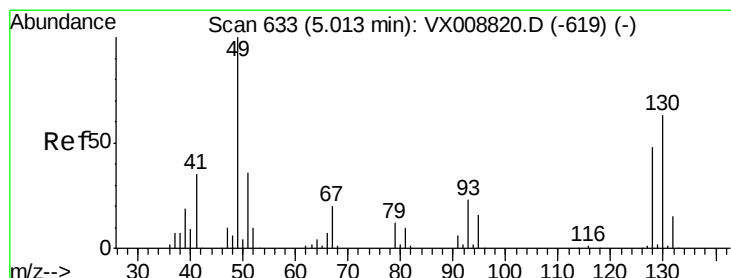
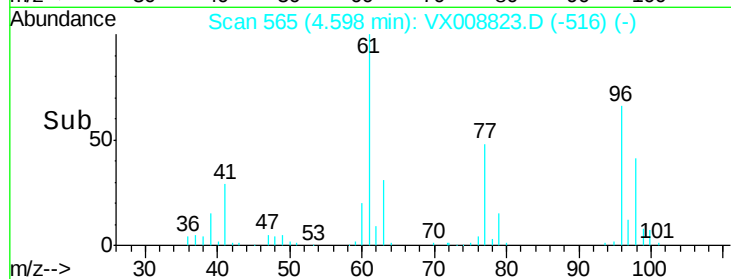
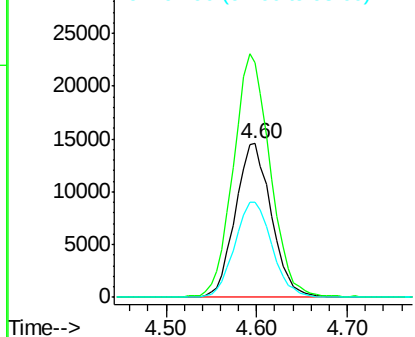
cis-1,2-Dichloroethene
 Concen: 17.213 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

Tot Ion: 96 Resp: 40289
 Ion Ratio Lower Upper
 96 100
 61 161.3 0.0 327.6
 98 64.3 0.0 128.6



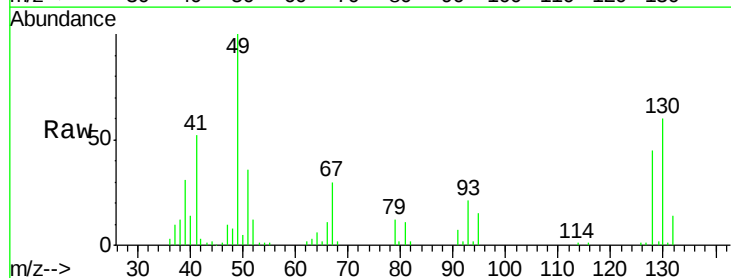
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



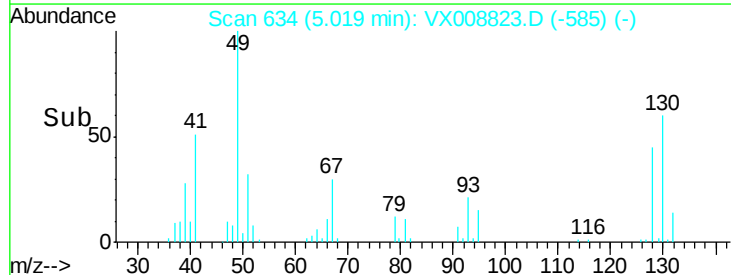
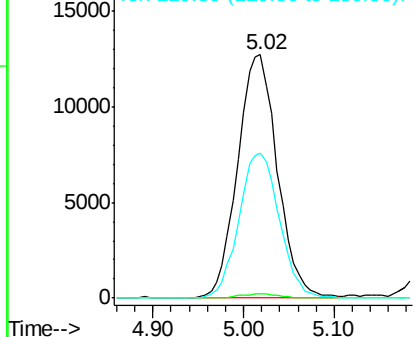
#28

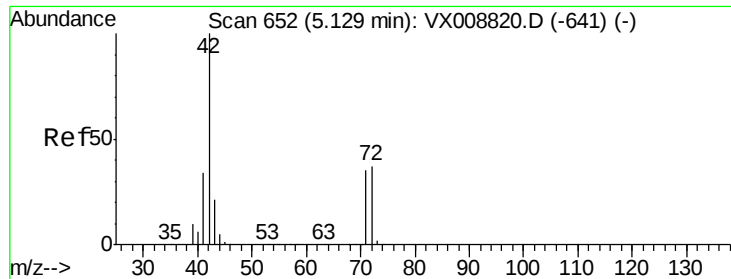
Bromochloromethane
 Concen: 20.779 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Tgt Ion: 49 Resp: 38727
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 60.5 49.3 73.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

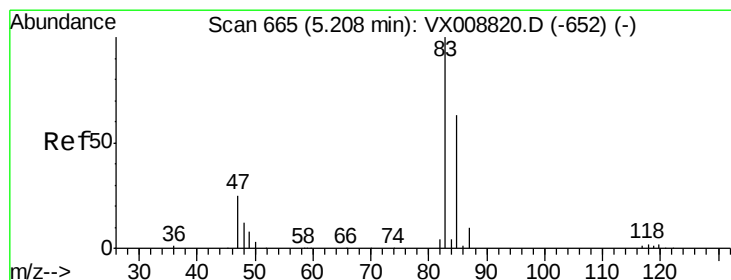
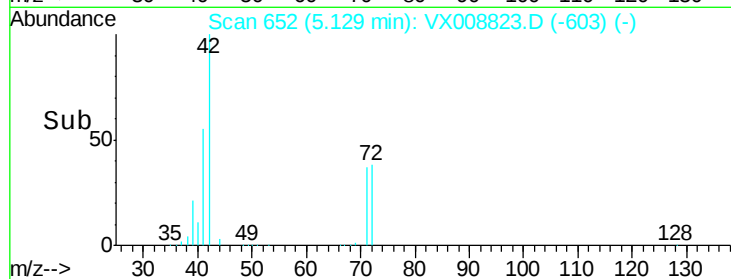
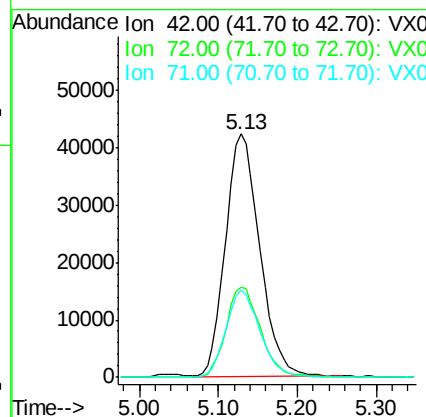
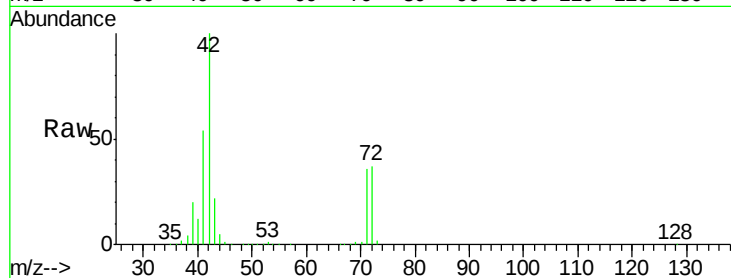




#29
Tetrahydrofuran
Concen: 89.359 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

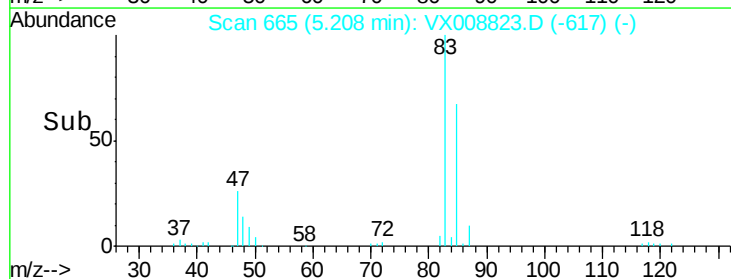
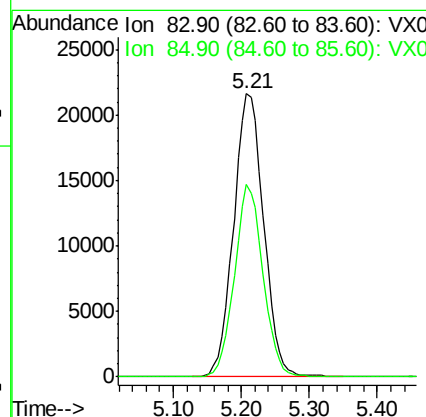
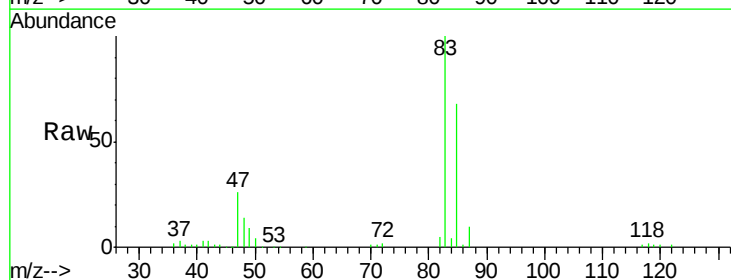
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

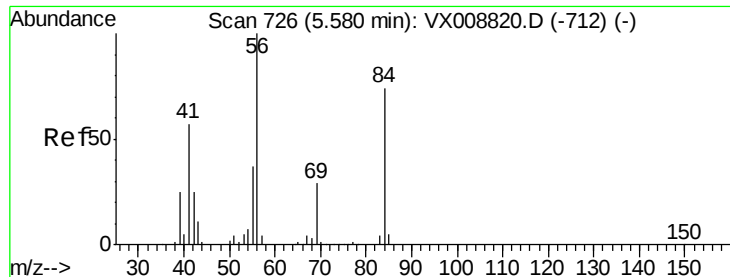
Tot Ion: 42 Resp: 128207
Ion Ratio Lower Upper
42 100
72 37.8 30.5 45.7
71 35.8 28.6 43.0



#30
Chloroform
Concen: 18.020 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

Tgt Ion: 83 Resp: 66178
Ion Ratio Lower Upper
83 100
85 67.9 52.1 78.1





#31

Cyclohexane

Concen: 16.633 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

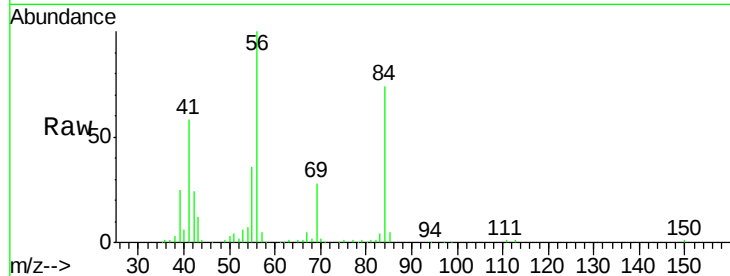
Tot Ion: 56 Resp: 68241

Ion Ratio Lower Upper

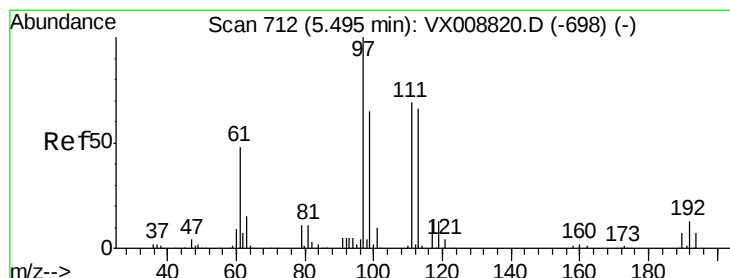
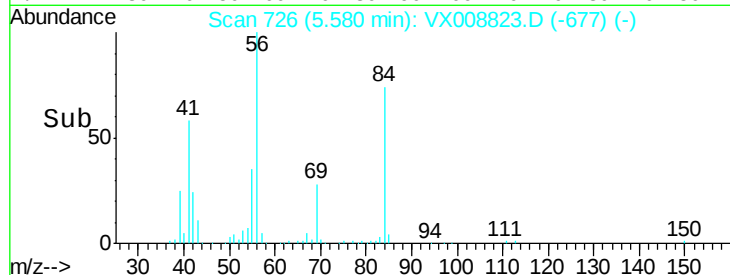
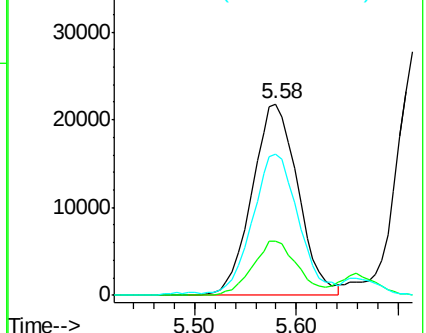
56 100

69 28.2 22.6 33.8

84 72.5 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 17.578 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

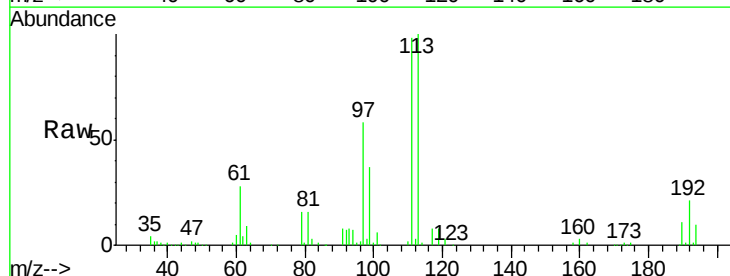
Tgt Ion: 97 Resp: 52165

Ion Ratio Lower Upper

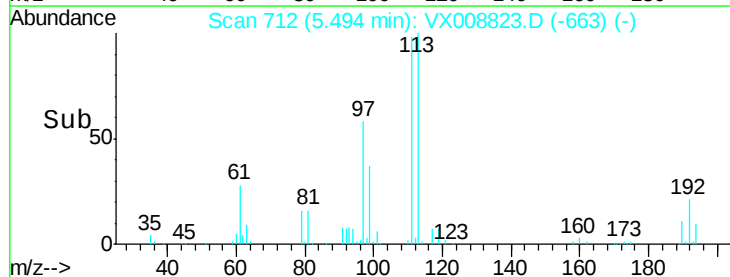
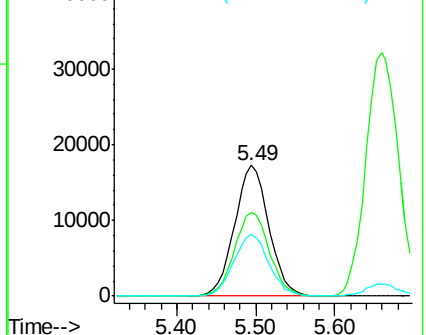
97 100

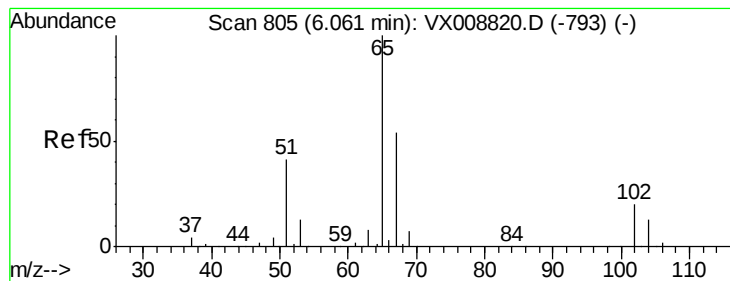
99 65.5 51.3 76.9

61 48.5 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.101 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

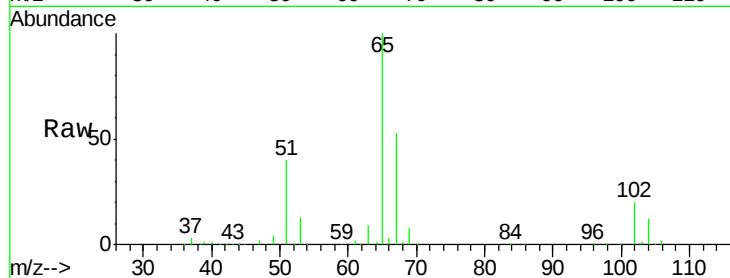
VX0410WBSD02

Tot Ion: 65 Resp: 116595

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

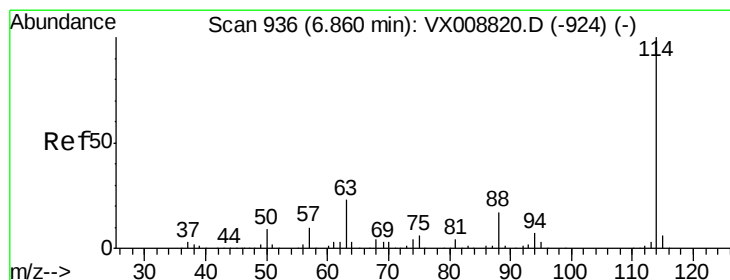
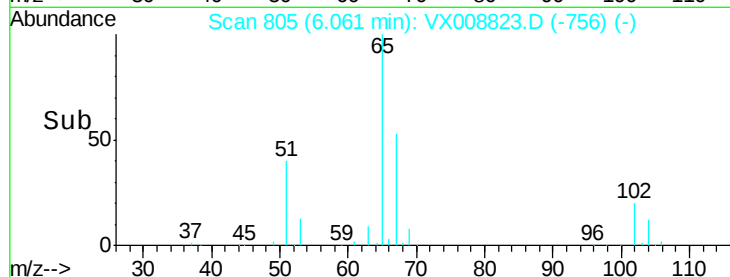
20000

10000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

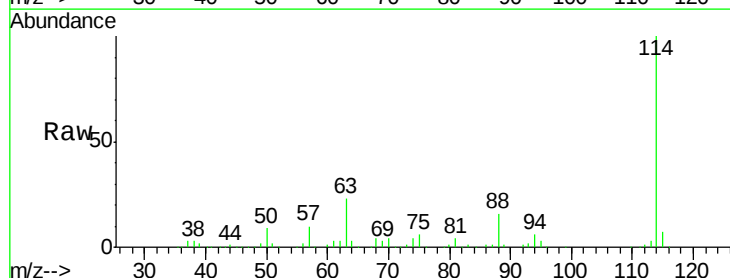
Tgt Ion: 114 Resp: 271791

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.2

88 16.3 0.0 34.0



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

150000

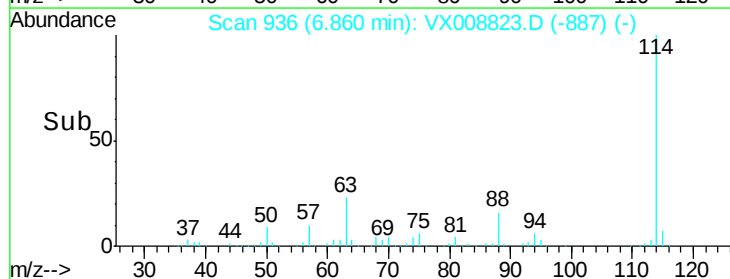
100000

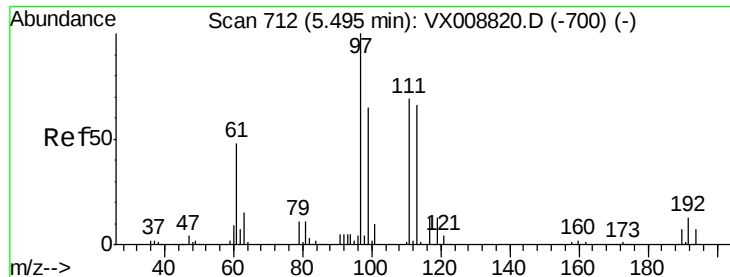
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.416 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

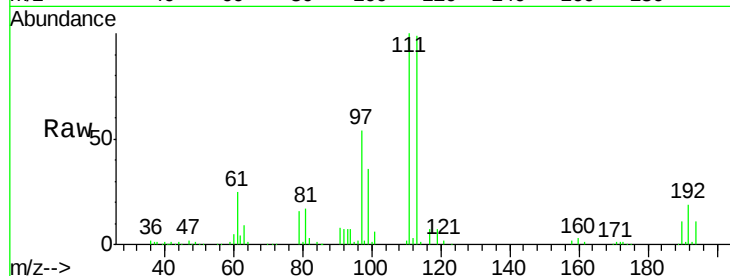
Tot Ion:113 Resp: 85871

Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

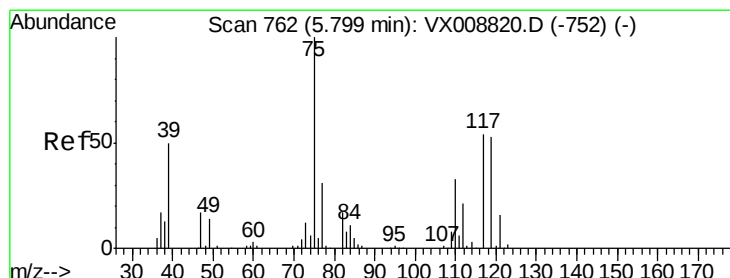
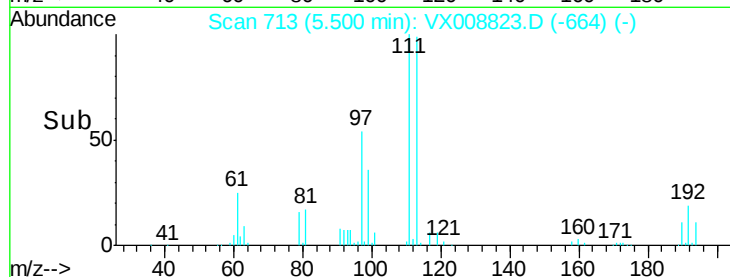
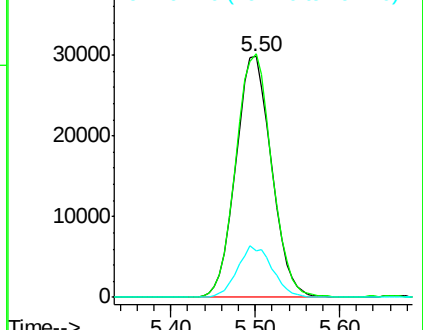
192 20.9 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.683 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

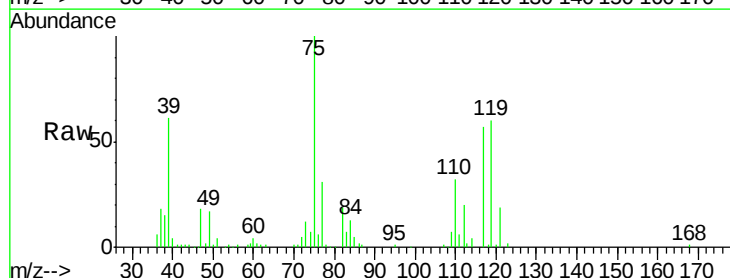
Tgt Ion: 75 Resp: 49565

Ion Ratio Lower Upper

75 100

110 34.0 16.4 49.2

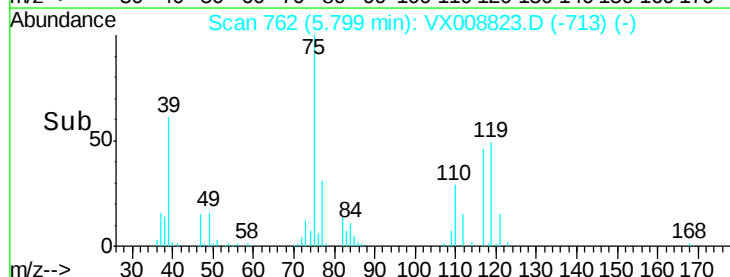
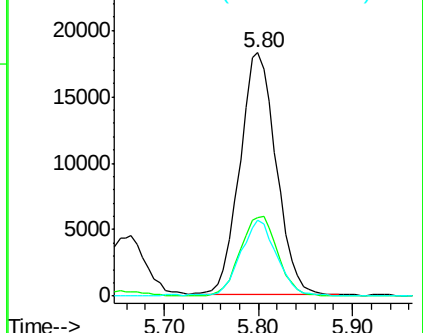
77 31.2 24.7 37.1

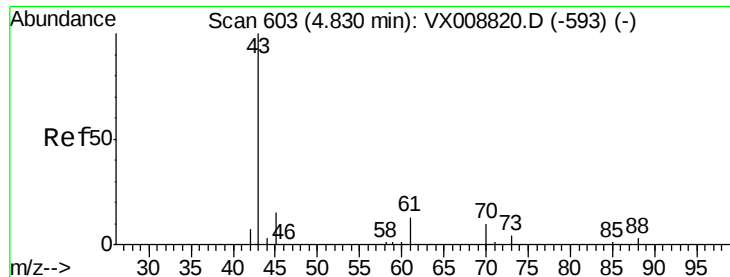


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

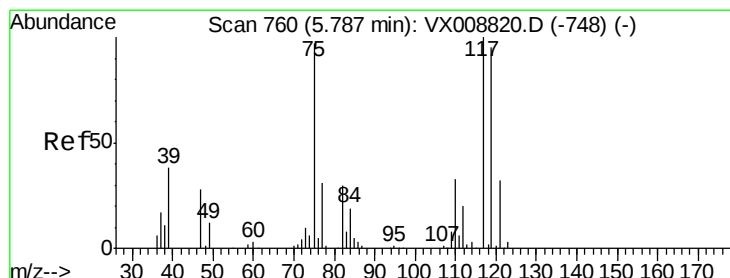
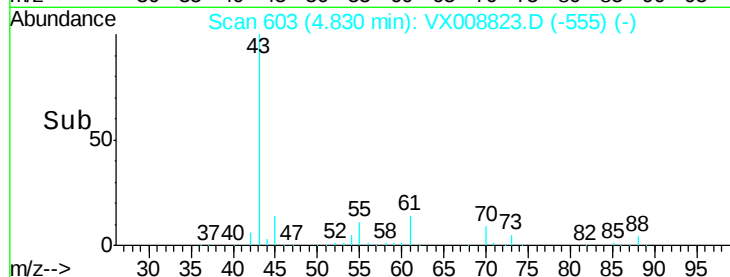
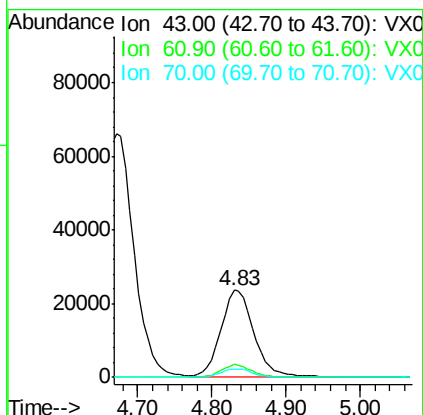
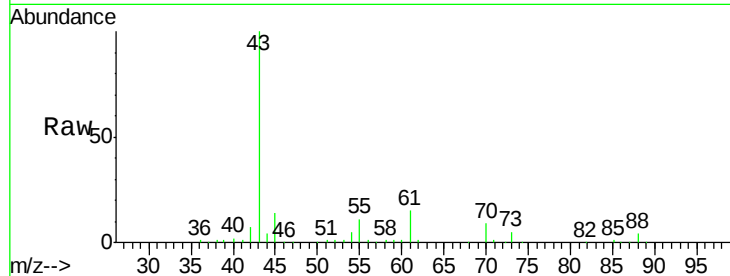




#37
Ethyl Acetate
Concen: 18.044 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

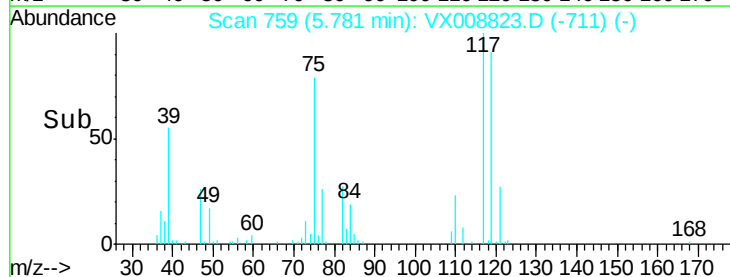
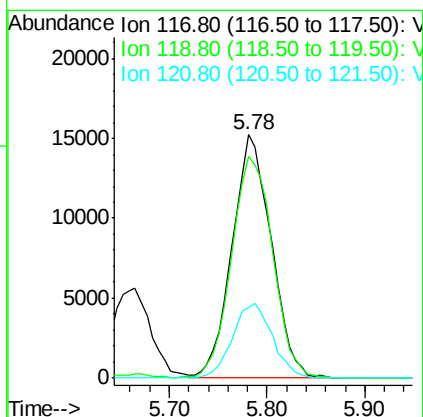
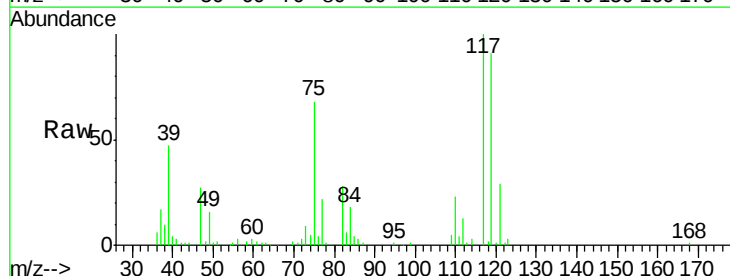
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

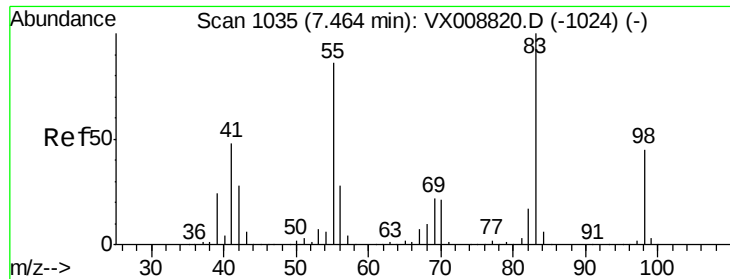
Tot Ion: 43 Resp: 71556
Ion Ratio Lower Upper
43 100
61 13.9 10.3 15.5
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 17.289 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

Tgt Ion: 117 Resp: 42513
Ion Ratio Lower Upper
117 100
119 91.2 75.0 112.6
121 29.1 24.3 36.5

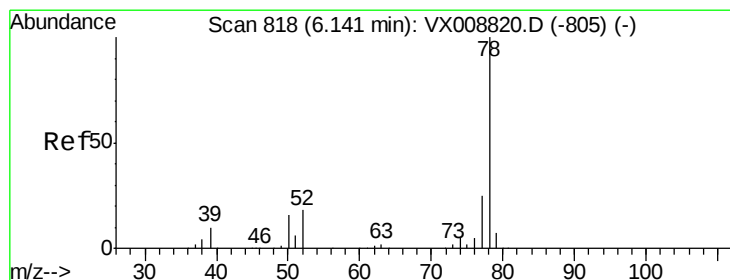
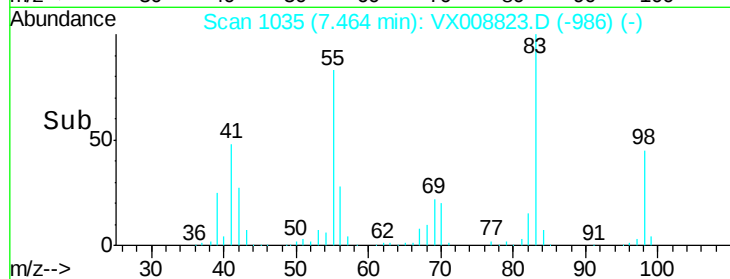
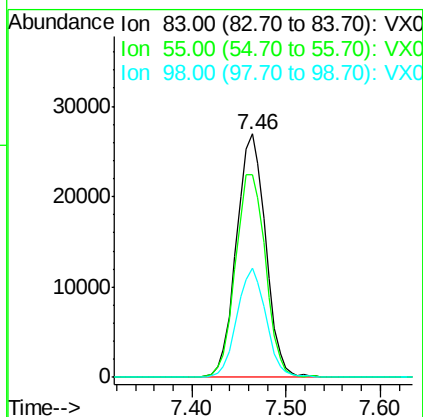
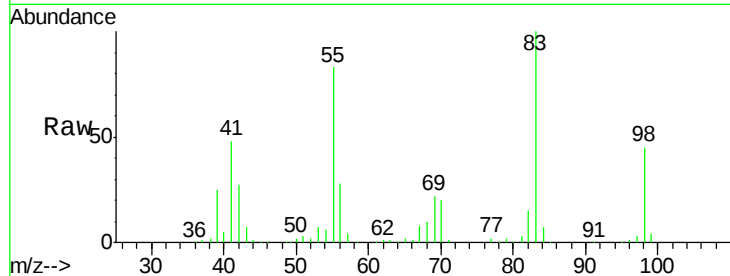




#39
Methvlcvclohexane
Concen: 15.963 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

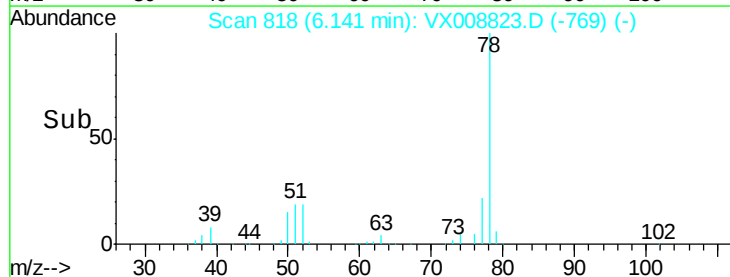
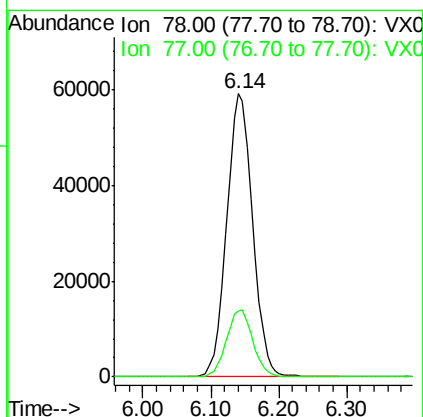
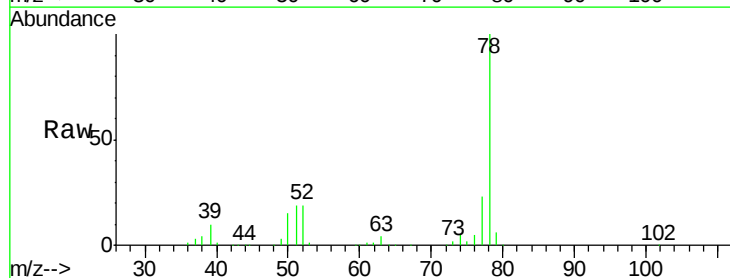
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

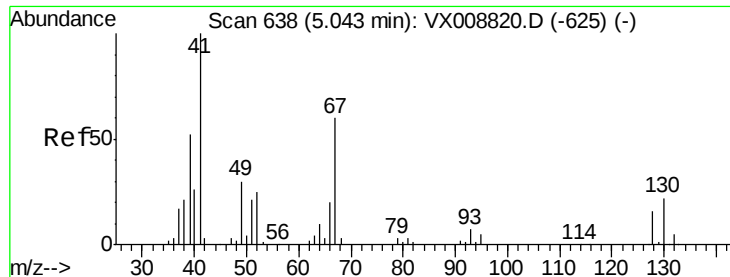
Tot Ion: 83 Resp: 58587
Ion Ratio Lower Upper
83 100
55 83.2 69.0 103.6
98 45.0 34.4 51.6



#40
Benzene
Concen: 17.672 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

Tgt Ion: 78 Resp: 156411
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7





#41

Methacrylonitrile

Concen: 18.021 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

Tot Ion: 41 Resp: 41079

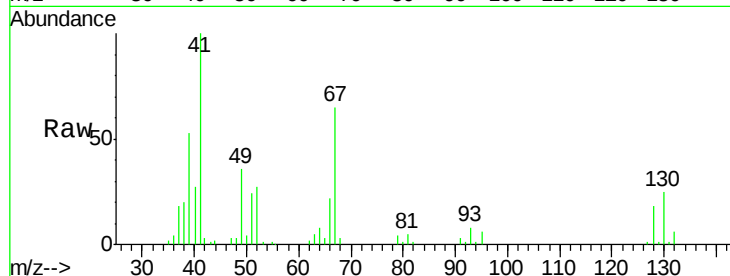
Ion Ratio Lower Upper

41 100

39 53.7 42.1 63.1

67 63.4 51.0 76.6

52 25.8 21.4 32.0

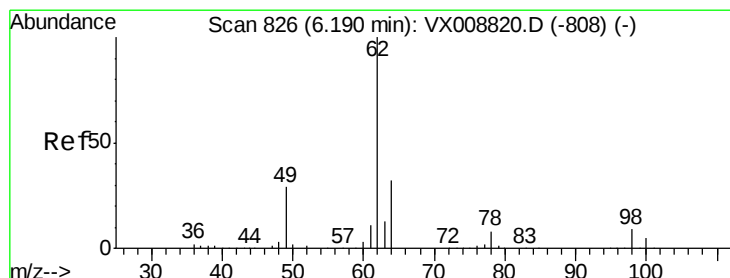
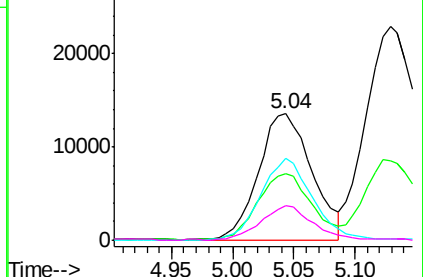
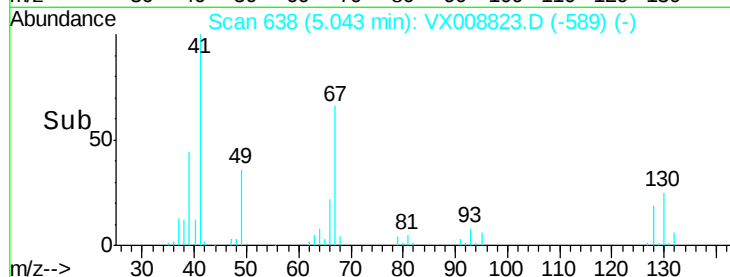


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 17.725 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008823.D

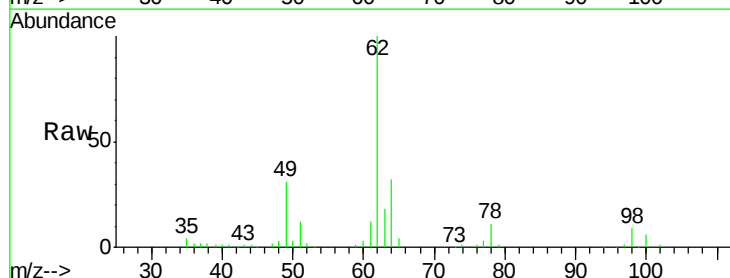
Acq: 10 Apr 2019 22:55

Tgt Ion: 62 Resp: 56242

Ion Ratio Lower Upper

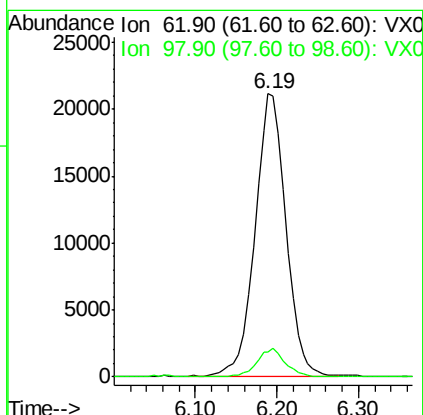
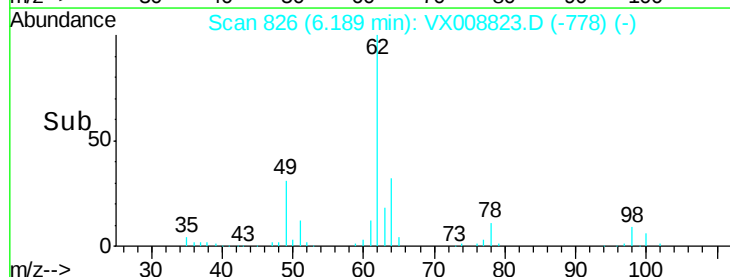
62 100

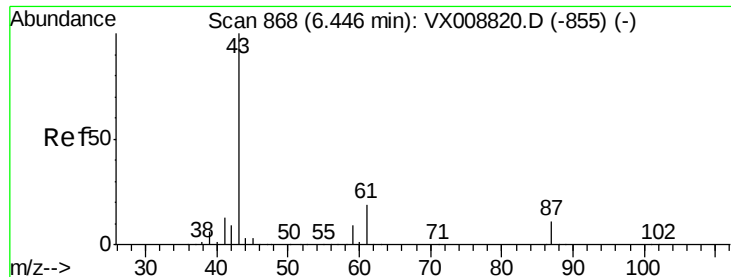
98 9.2 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



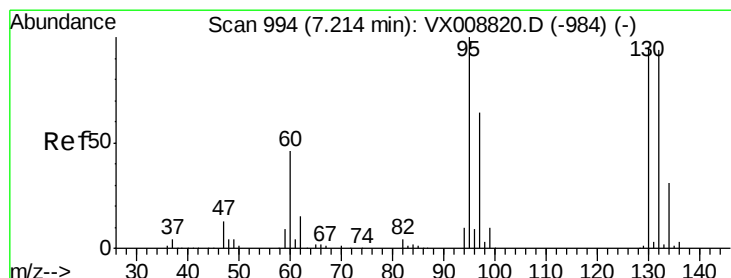
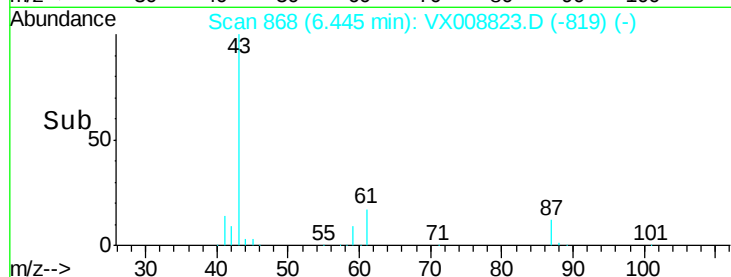
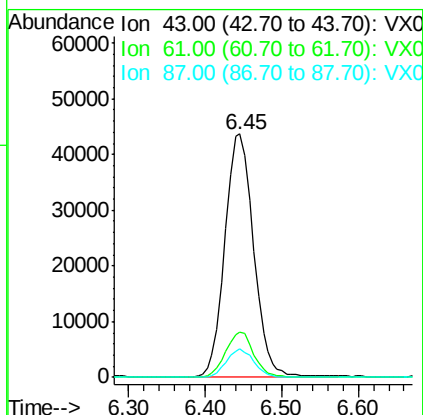
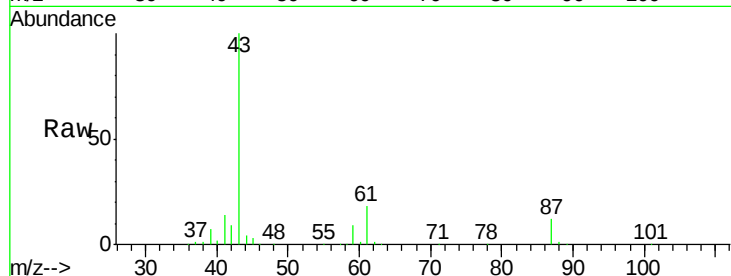


#43

Isopropyl Acetate
 Concen: 18.287 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

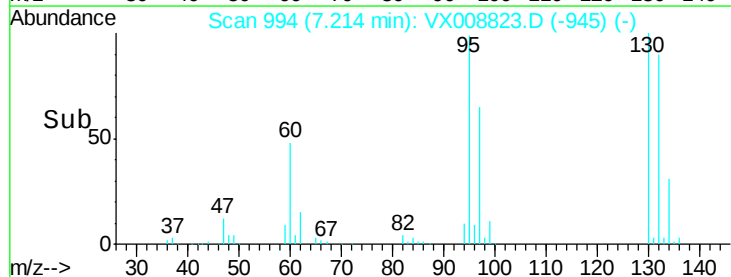
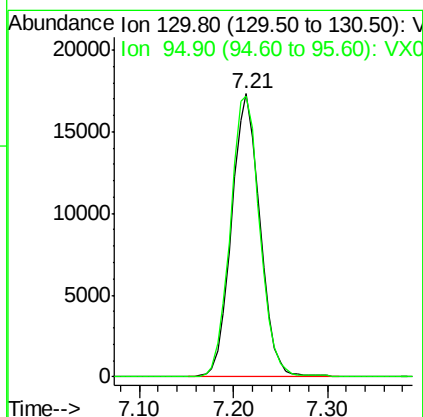
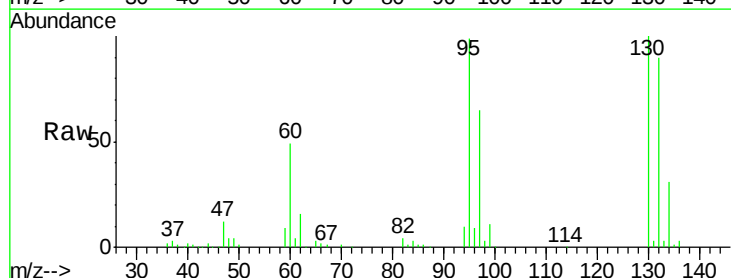
Tot Ion: 43 Resp: 113601
 Ion Ratio Lower Upper
 43 100
 61 18.3 15.3 22.9
 87 11.4 9.0 13.6

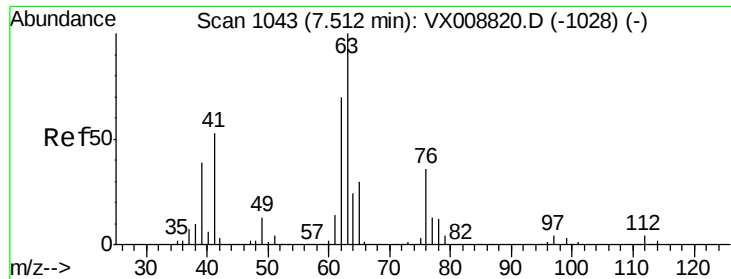


#44

Trichloroethene
 Concen: 17.644 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Tgt Ion:130 Resp: 36371
 Ion Ratio Lower Upper
 130 100
 95 99.4 0.0 209.8





#45

1,2-Dichloropropane

Concen: 17.628 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

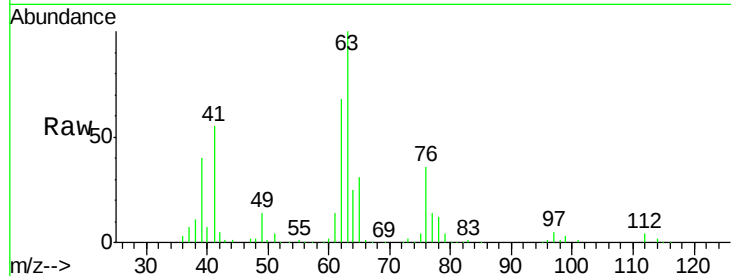
VX0410WBSD02

Tot Ion: 63 Resp: 44533

Ion Ratio Lower Upper

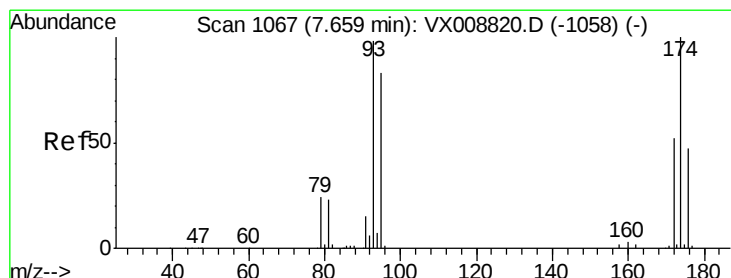
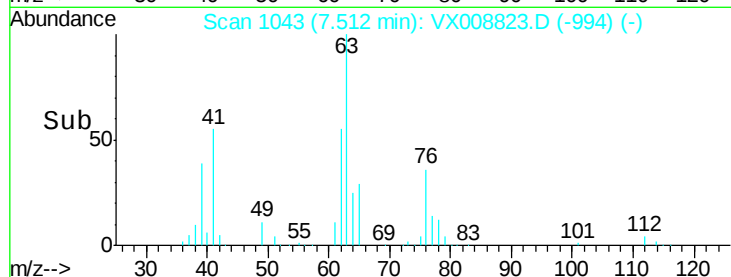
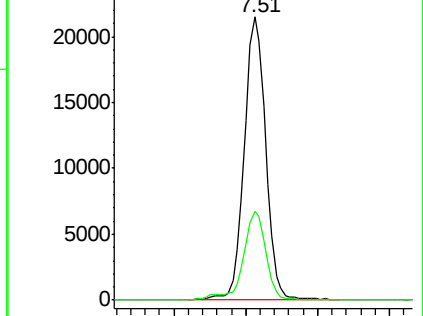
63 100

65 31.2 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.307 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

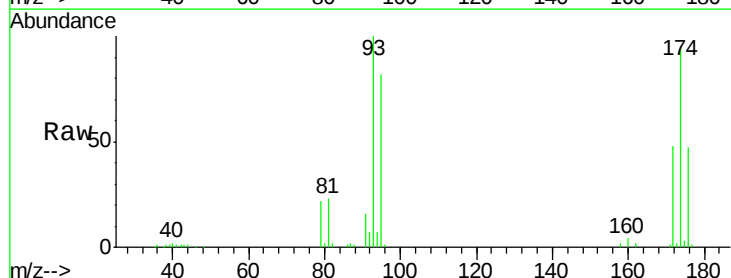
Tgt Ion: 93 Resp: 25358

Ion Ratio Lower Upper

93 100

95 81.4 66.6 99.8

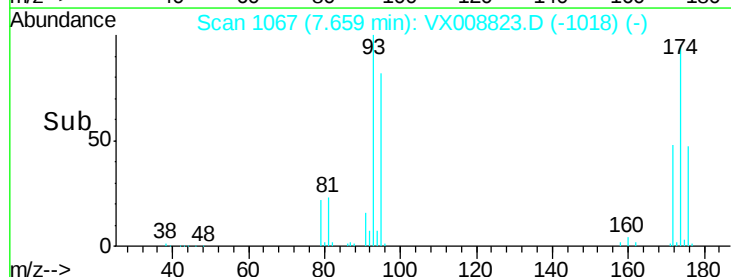
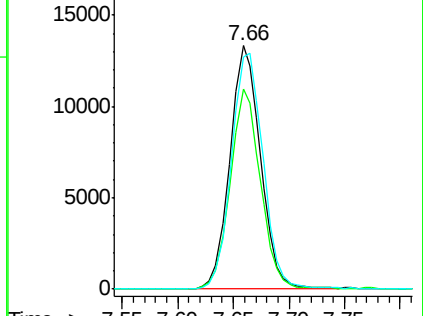
174 100.3 77.7 116.5

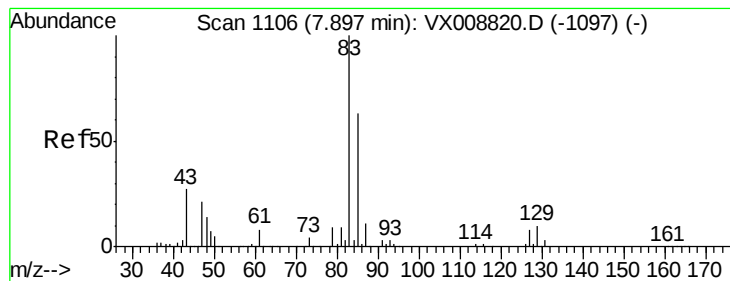


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.811 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

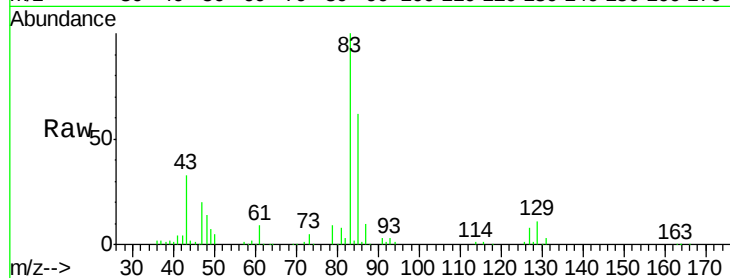
Tot Ion: 83 Resp: 49205

Ion Ratio Lower Upper

83 100

85 62.3 51.2 76.8

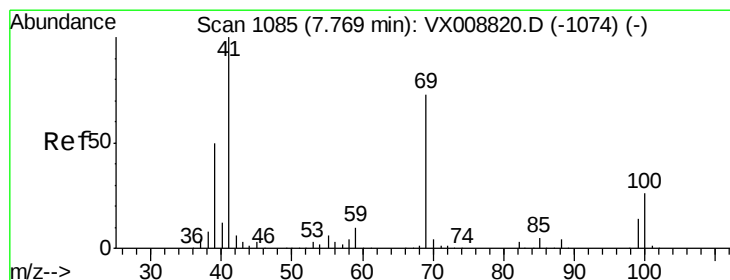
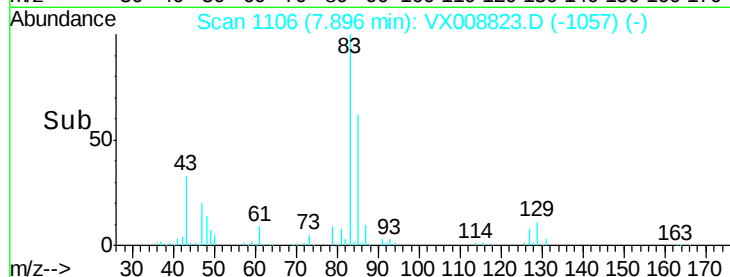
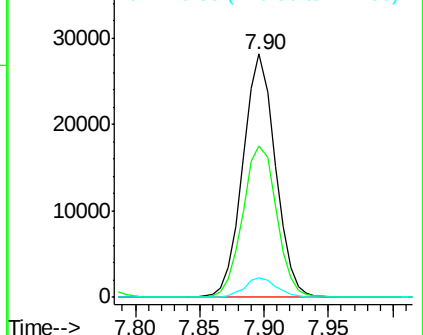
127 8.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.331 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

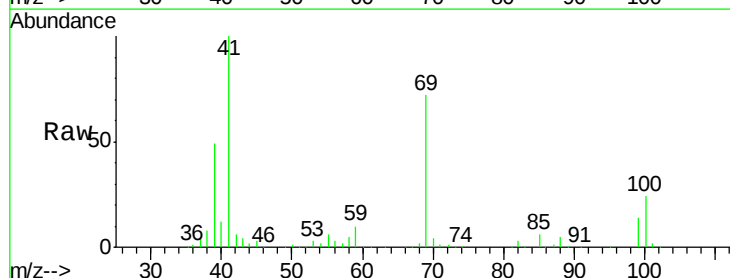
Tgt Ion: 41 Resp: 57602

Ion Ratio Lower Upper

41 100

69 72.5 59.0 88.4

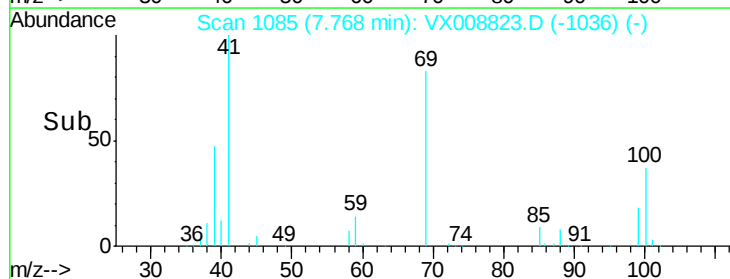
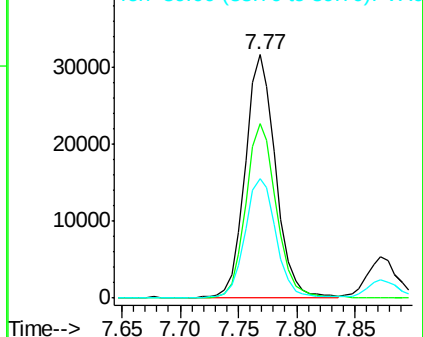
39 49.6 41.0 61.4

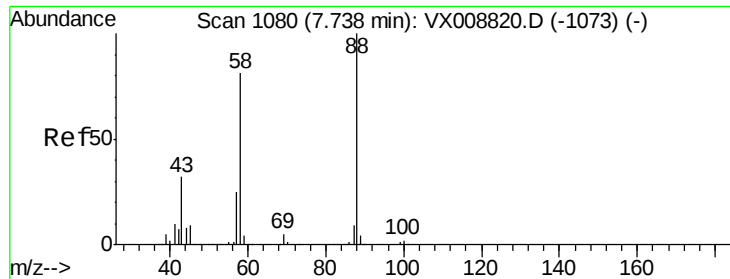


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



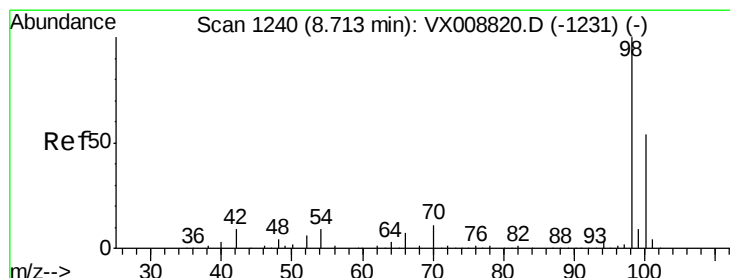
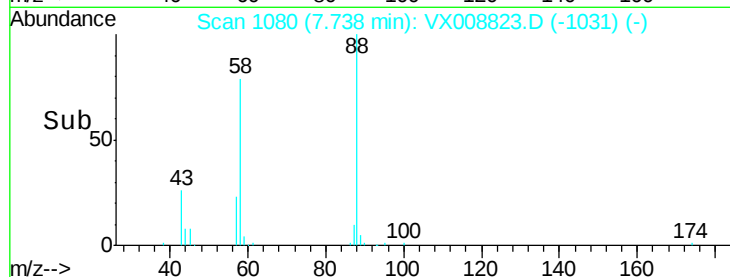
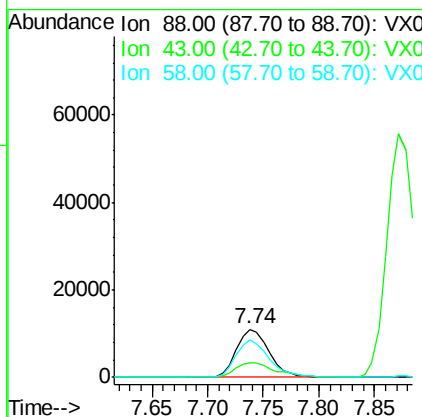
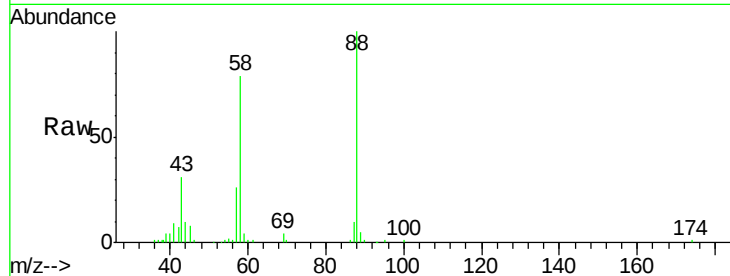


#49
 1,4-Dioxane
 Concen: 386.692 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

Tot Ion: 88 Resp: 22763

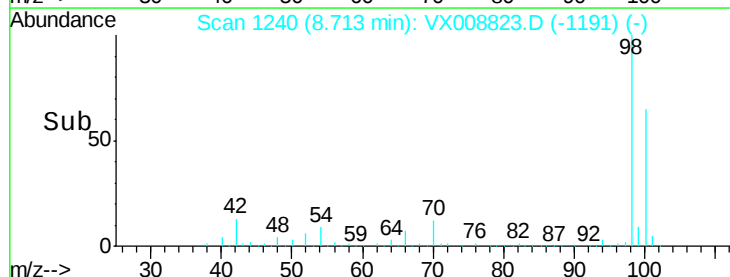
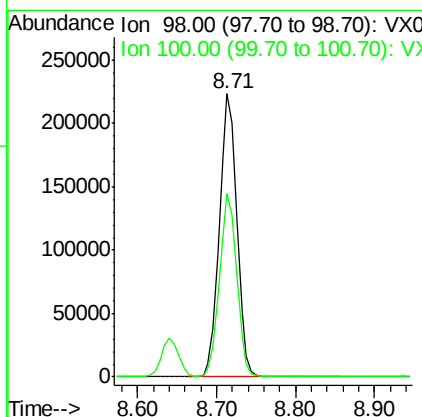
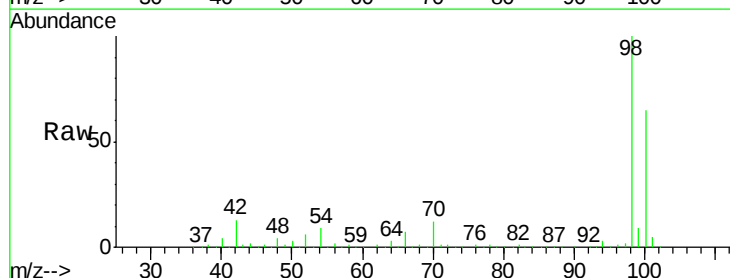
Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.6	43.0
58	78.4	62.2	93.2

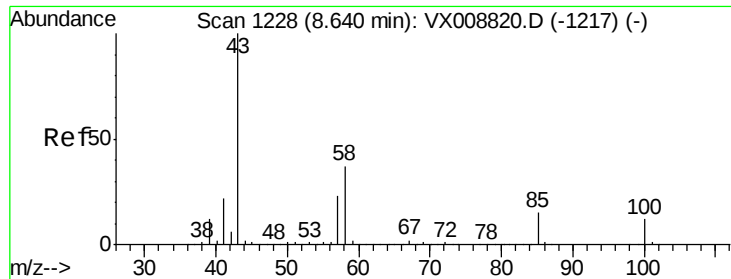


#50
 Toluene-d8
 Concen: 49.846 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Tgt Ion: 98 Resp: 344894

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 95.856 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

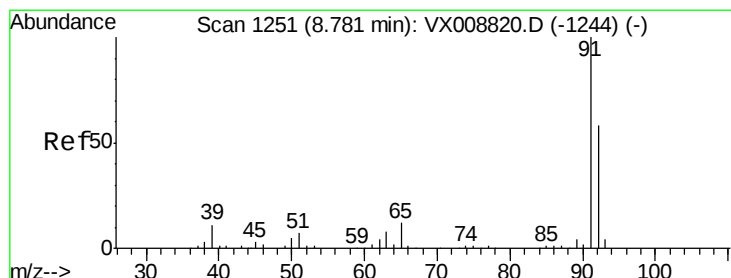
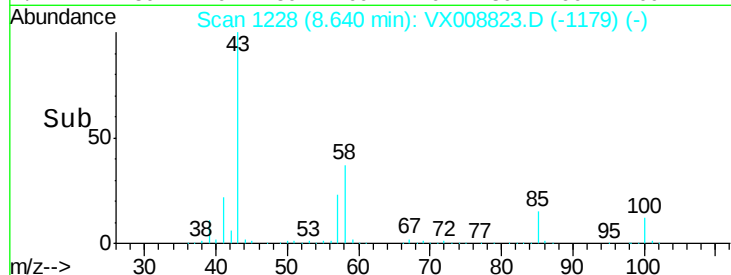
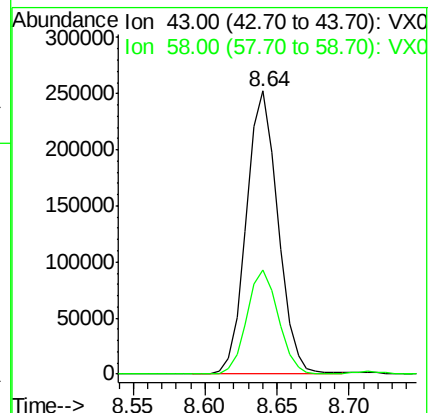
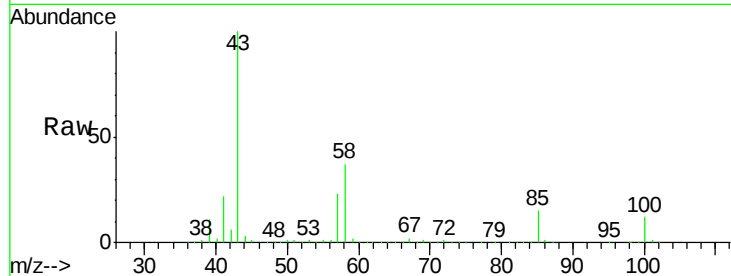
VX0410WBSD02

Tot Ion: 43 Resp: 383326

Ion Ratio Lower Upper

43 100

58 36.6 29.5 44.3



#52

Toluene

Concen: 18.010 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008823.D

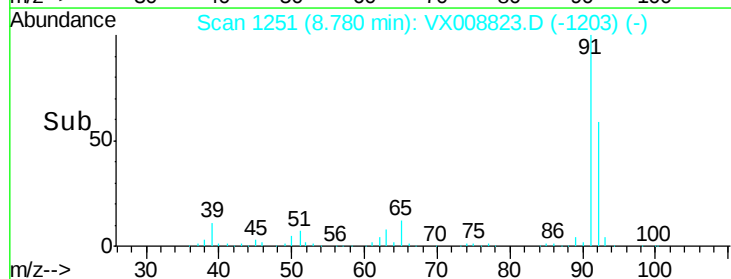
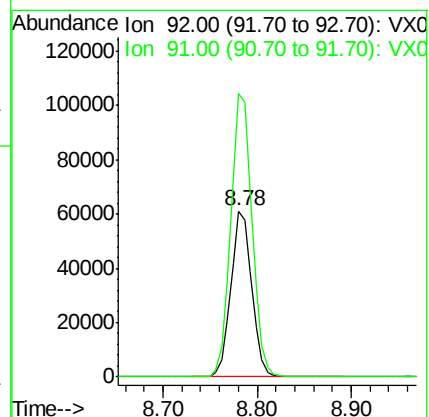
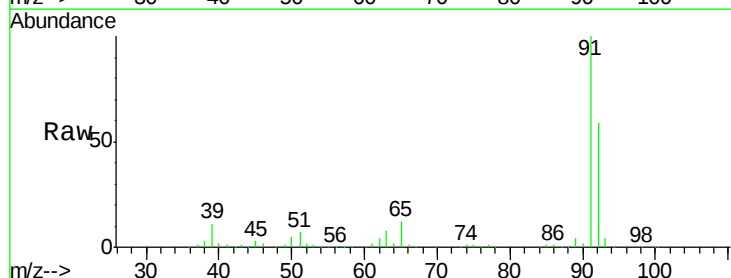
Acq: 10 Apr 2019 22:55

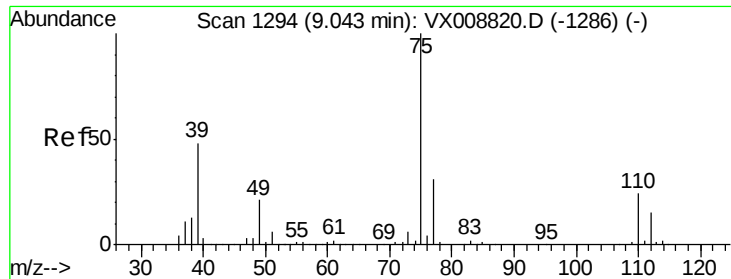
Tgt Ion: 92 Resp: 93976

Ion Ratio Lower Upper

92 100

91 173.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 17.393 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

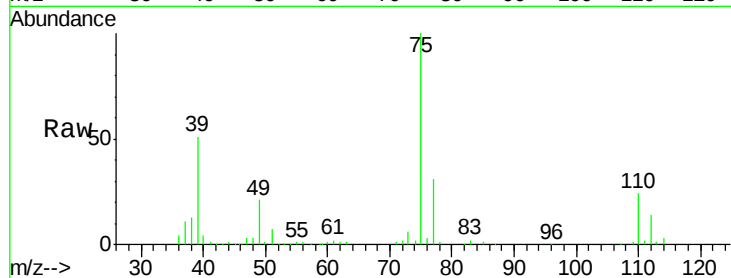
VX0410WBSD02

Tot Ion: 75 Resp: 53823

Ion Ratio Lower Upper

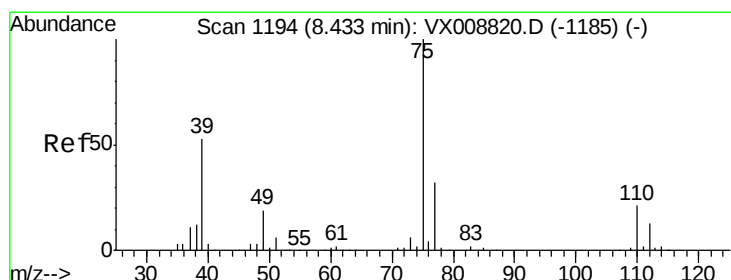
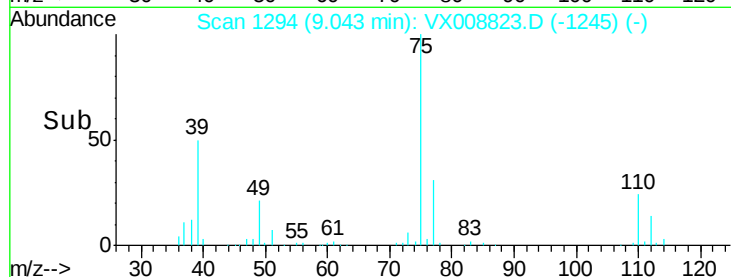
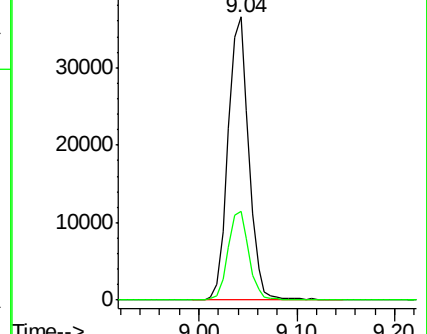
75 100

77 31.2 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: 17.244 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

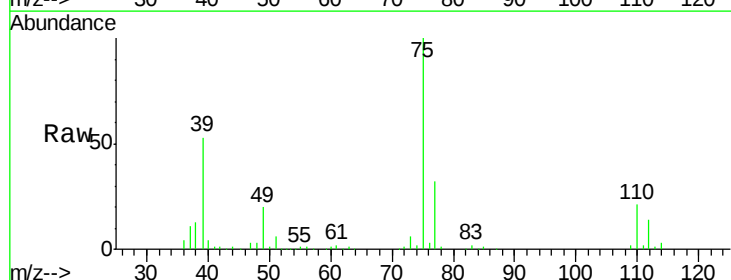
Tgt Ion: 75 Resp: 60974

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

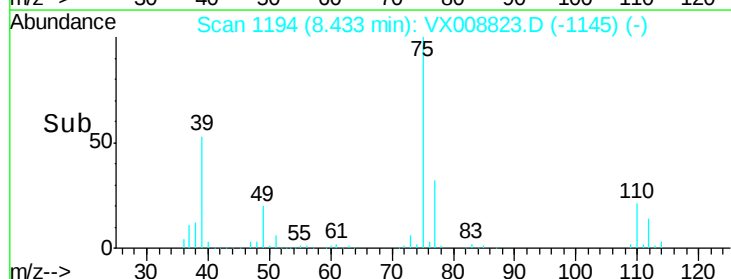
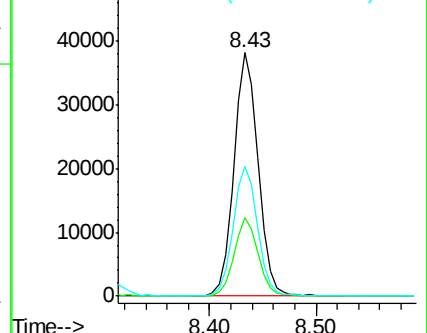
39 53.3 42.6 63.8

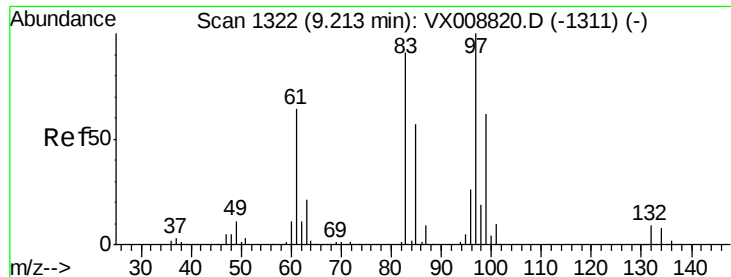


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



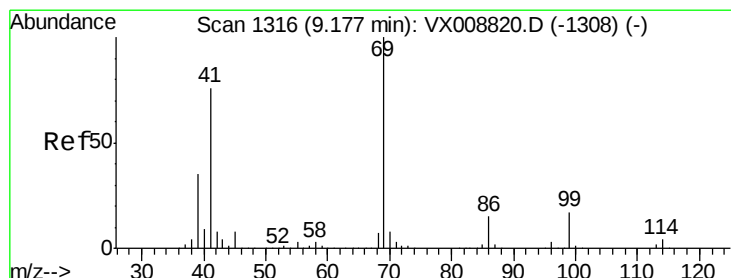
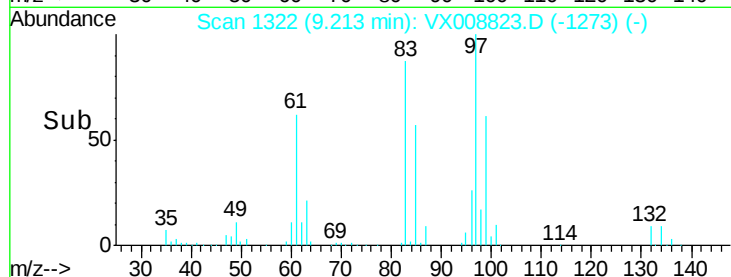
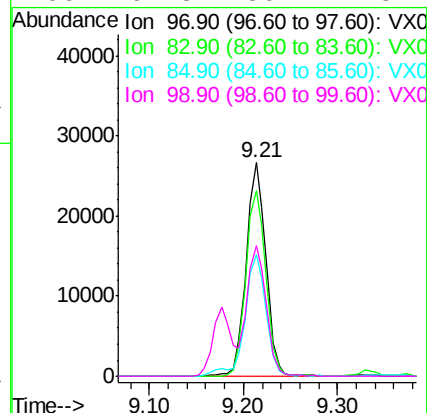
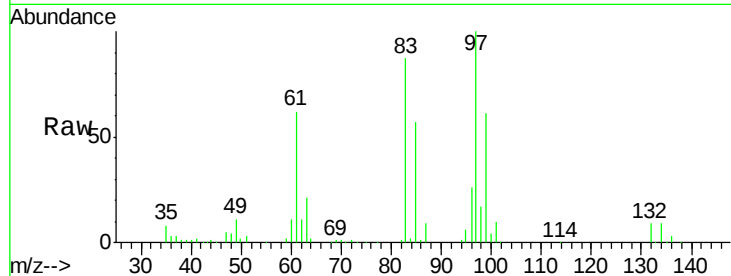


#55
 1,1,2-Trichloroethane
 Concen: 18.515 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

Tot Ion: 97 Resp: 38780

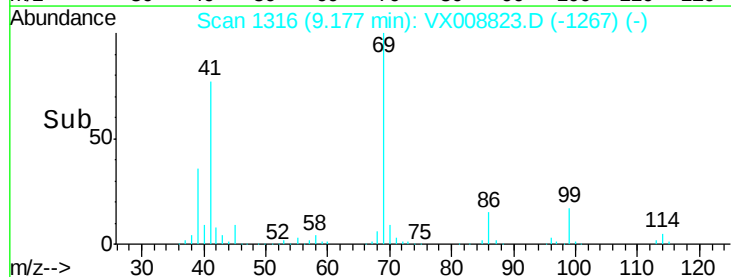
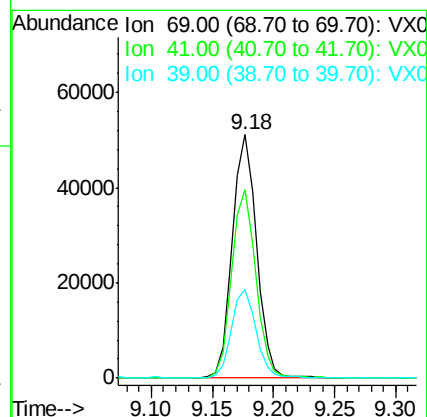
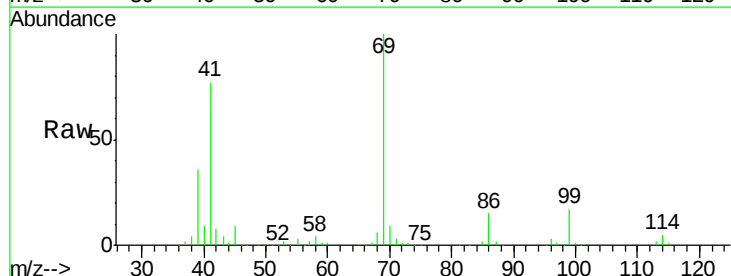
Ion	Ratio	Lower	Upper
97	100		
83	86.8	73.2	109.8
85	57.0	46.6	69.8
99	61.3	50.1	75.1

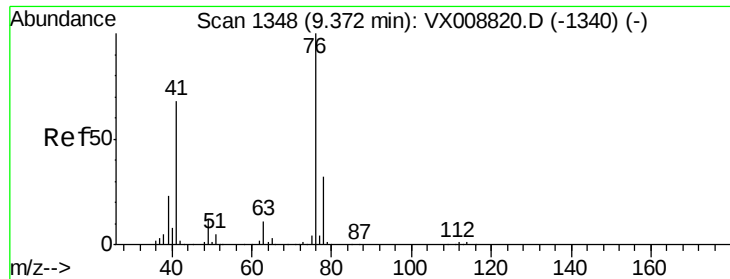


#56
 Ethyl methacrylate
 Concen: 18.562 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Tgt Ion: 69 Resp: 70344

Ion	Ratio	Lower	Upper
69	100		
41	76.9	60.1	90.1
39	36.2	28.9	43.3





#57

1,3-Dichloropropane

Concen: 17.996 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

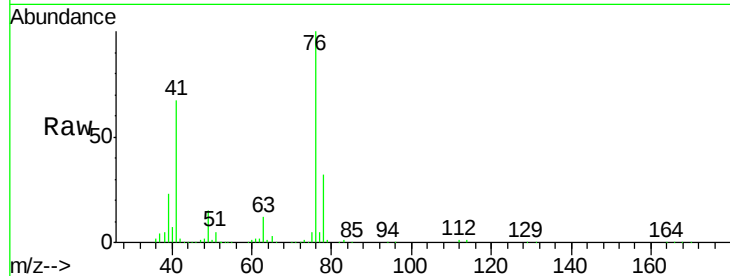
VX0410WBSD02

Tot Ion: 76 Resp: 67686

Ion Ratio Lower Upper

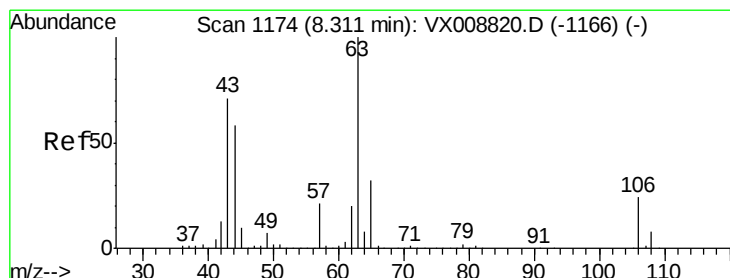
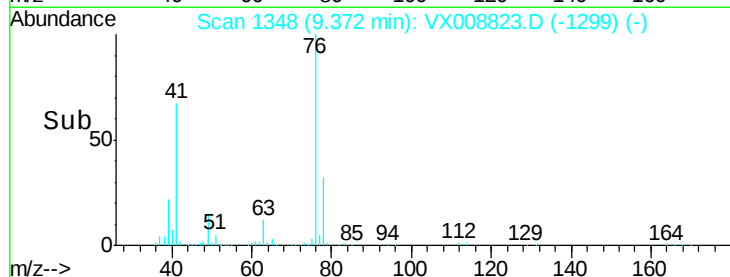
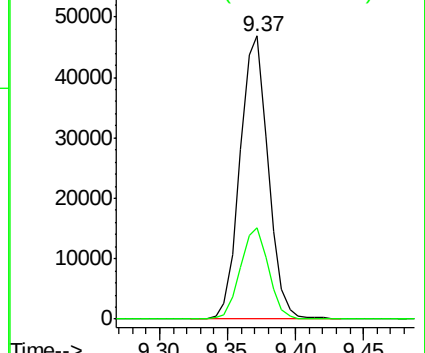
76 100

78 32.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.313 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008823.D

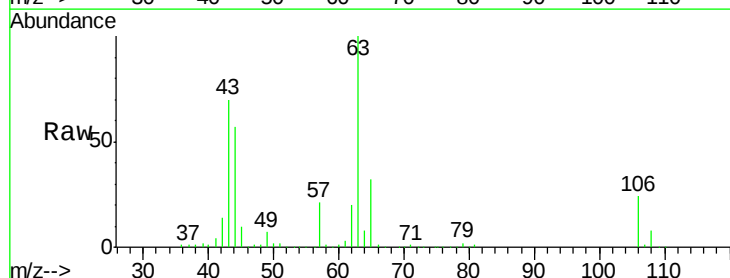
Acq: 10 Apr 2019 22:55

Tgt Ion: 63 Resp: 172830

Ion Ratio Lower Upper

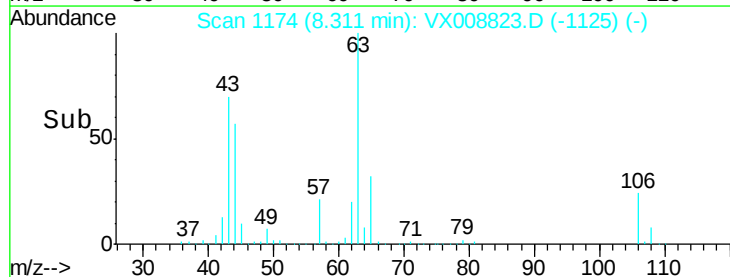
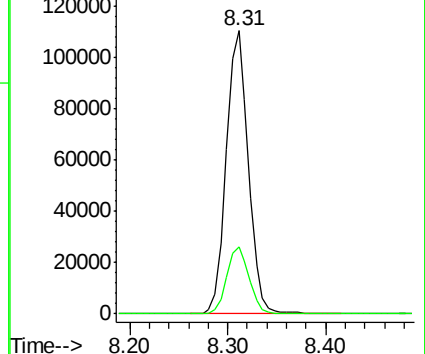
63 100

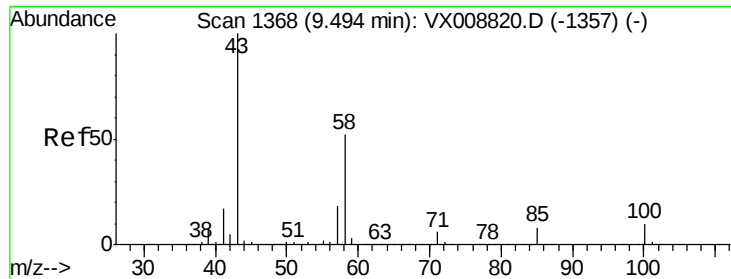
106 24.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

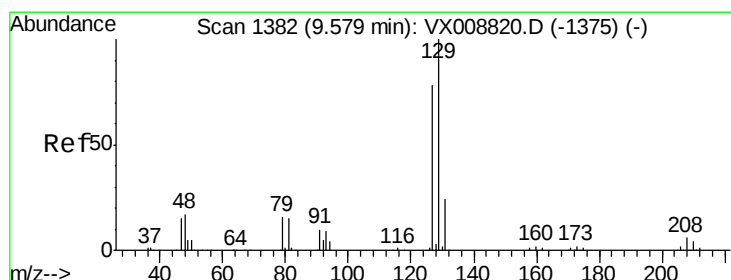
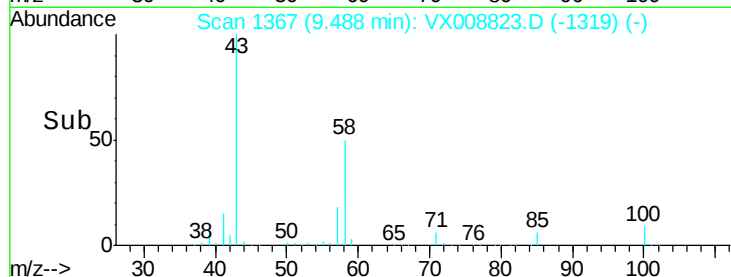
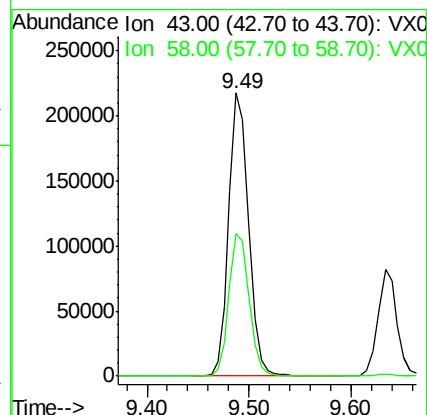
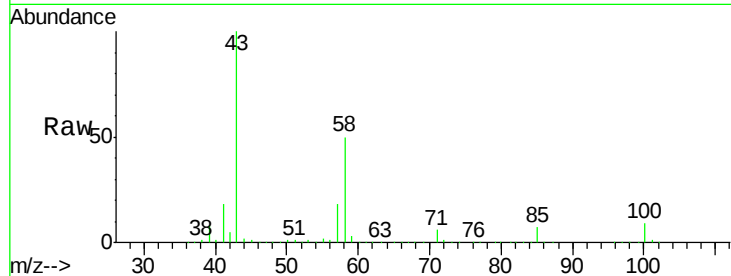




#59
2-Hexanone
Concen: 94.823 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

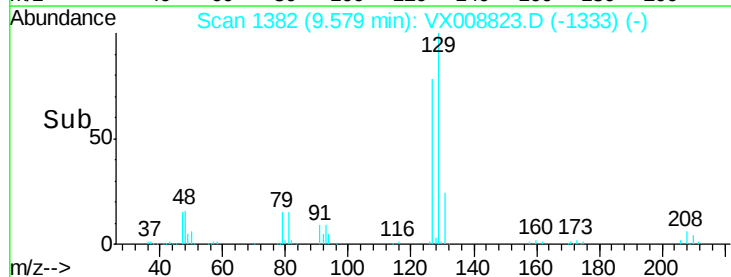
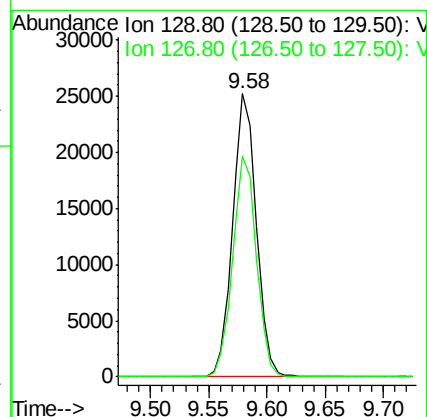
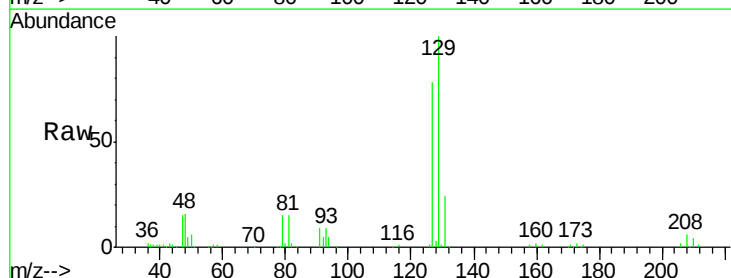
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

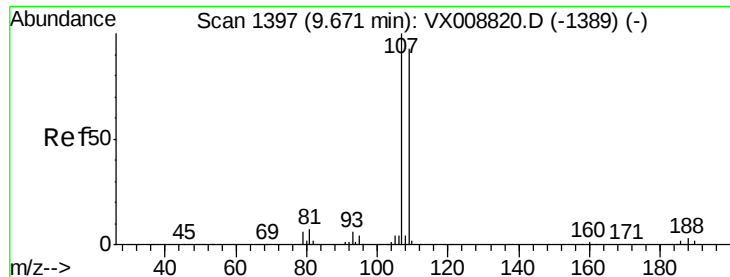
Tot Ion: 43 Resp: 294690
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 18.095 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

Tgt Ion: 129 Resp: 35714
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 17.873 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

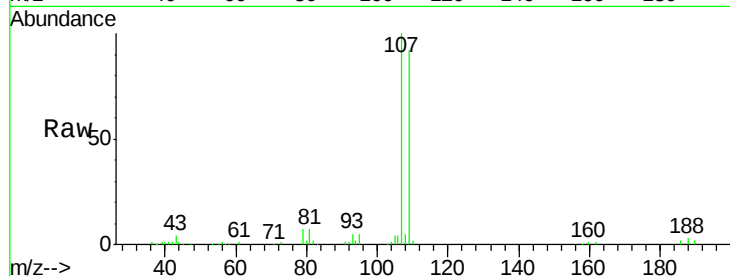
VX0410WBSD02

Tot Ion:107 Resp: 38973

Ion Ratio Lower Upper

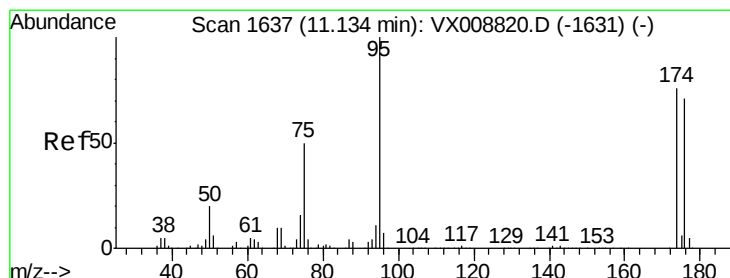
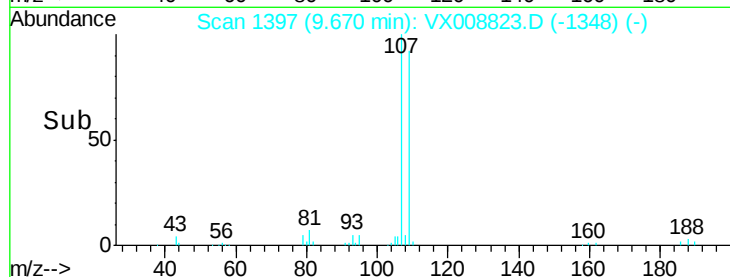
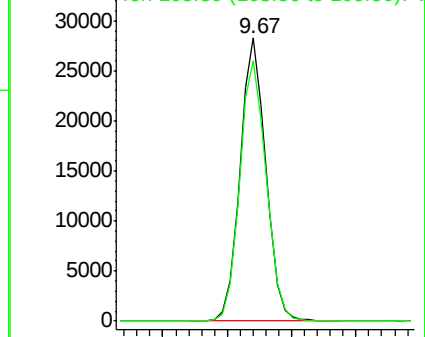
107 100

109 94.9 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.193 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

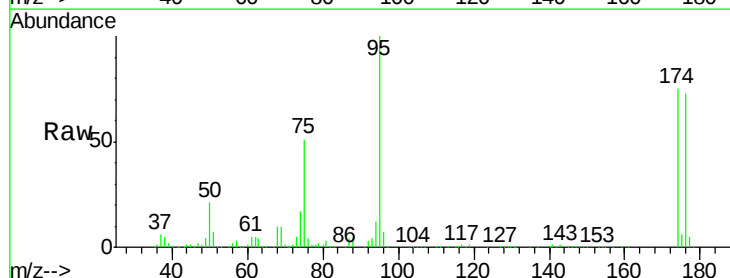
Tgt Ion: 95 Resp: 125610

Ion Ratio Lower Upper

95 100

174 78.9 0.0 151.8

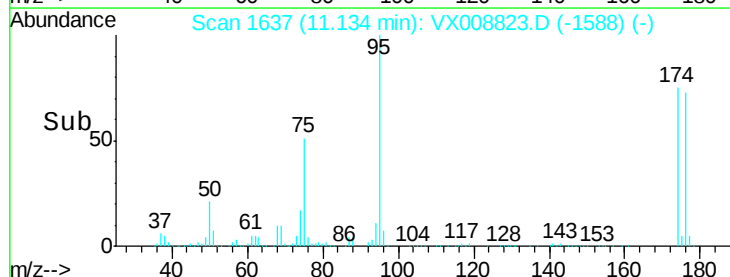
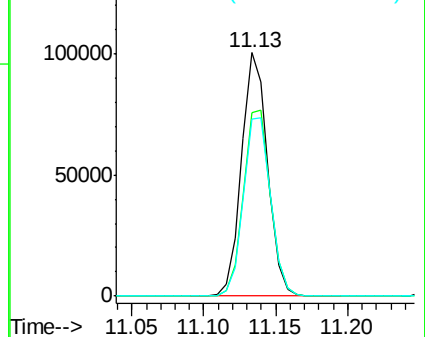
176 76.5 0.0 145.8

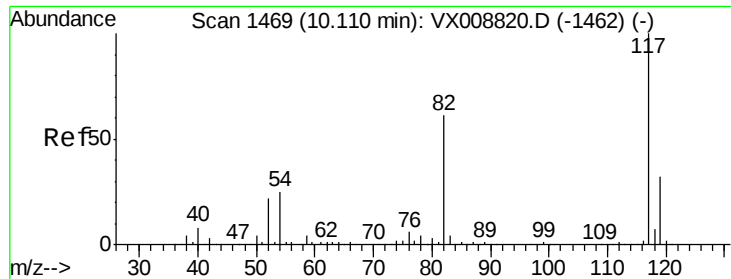


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

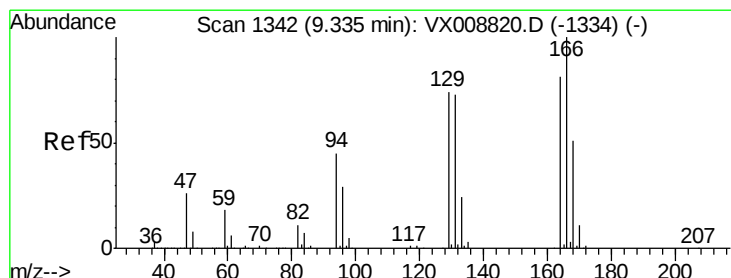
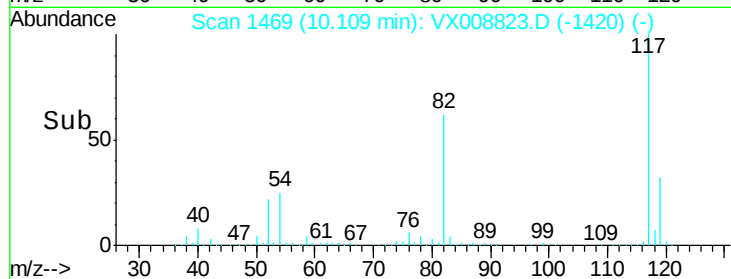
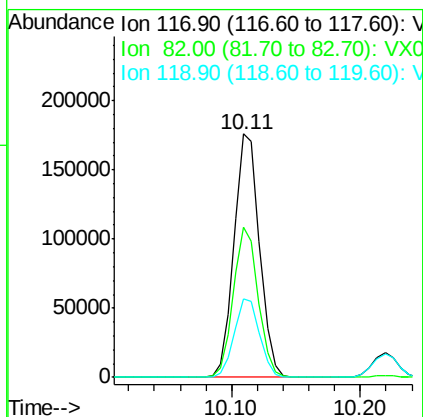
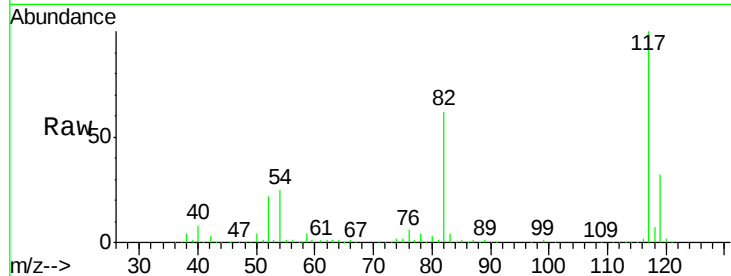




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

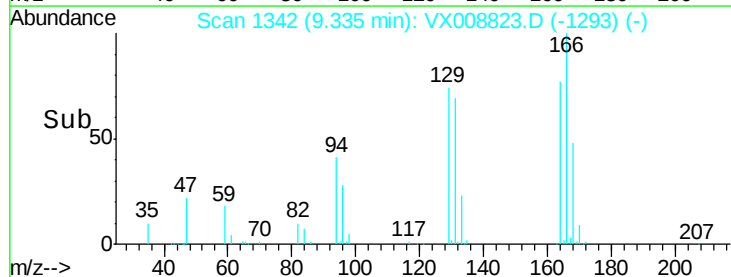
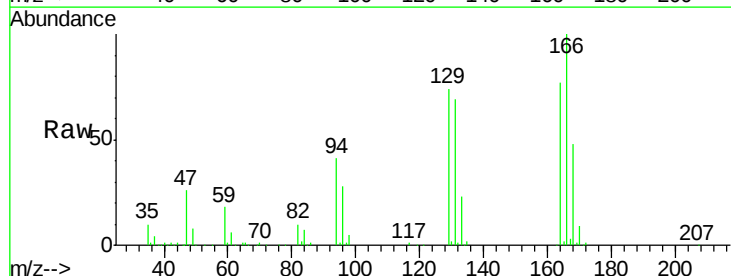
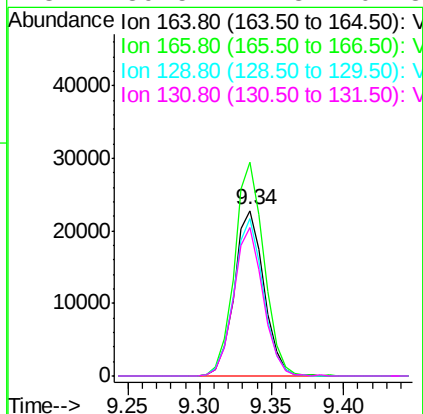
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

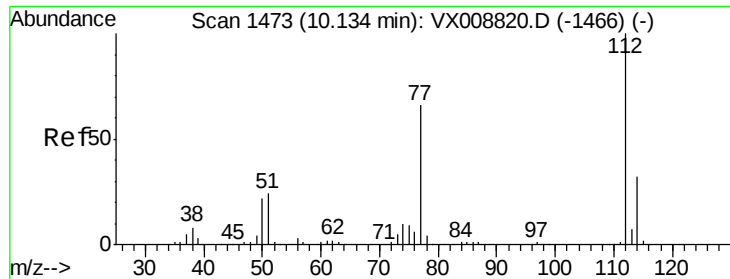
Tot Ion:117 Resp: 242972
Ion Ratio Lower Upper
117 100
82 61.8 49.6 74.4
119 32.1 25.0 37.4



#64
Tetrachloroethene
Concen: 18.117 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

Tgt Ion:164 Resp: 32613
Ion Ratio Lower Upper
164 100
166 129.2 101.0 151.6
129 95.4 75.8 113.8
131 89.5 71.8 107.8





#65

Chlorobenzene

Concen: 17.905 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

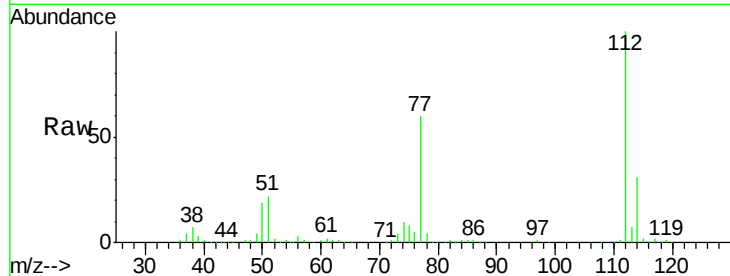
VX0410WBSD02

Tot Ion:112 Resp: 96436

Ion Ratio Lower Upper

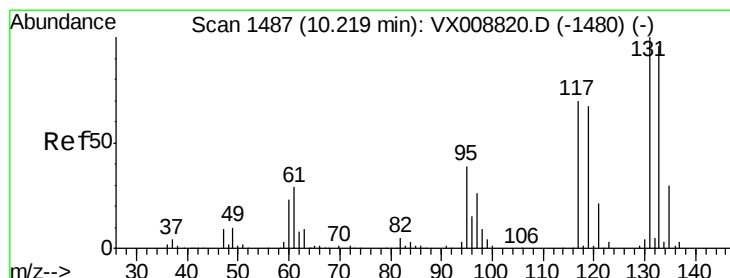
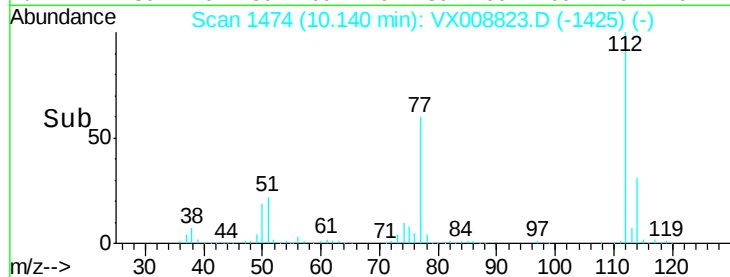
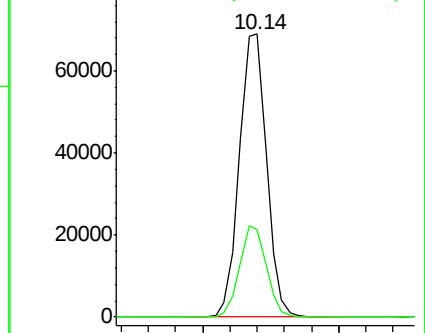
112 100

114 30.7 25.8 38.8



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: 18.100 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

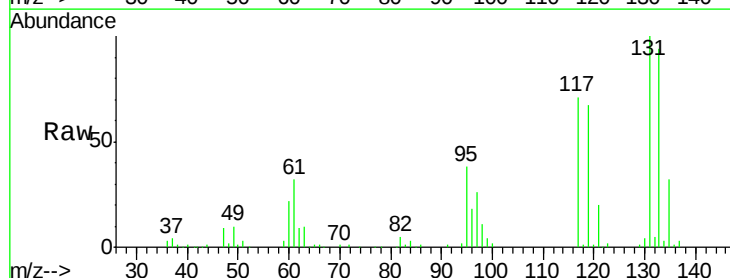
Tgt Ion:131 Resp: 34200

Ion Ratio Lower Upper

131 100

133 94.4 47.0 141.2

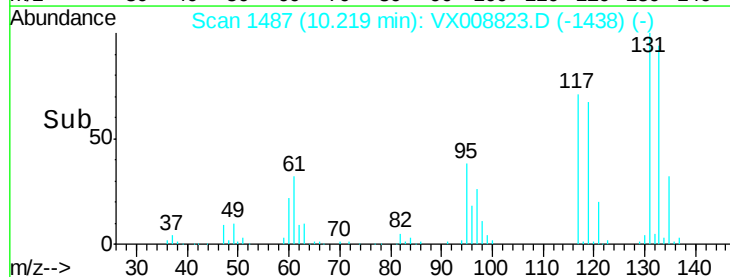
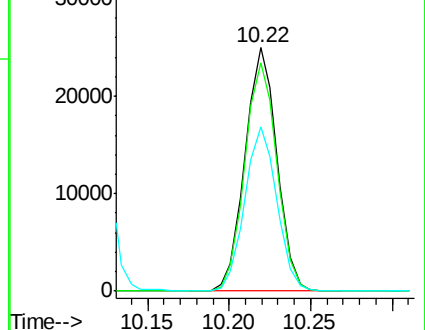
119 67.6 33.7 101.0

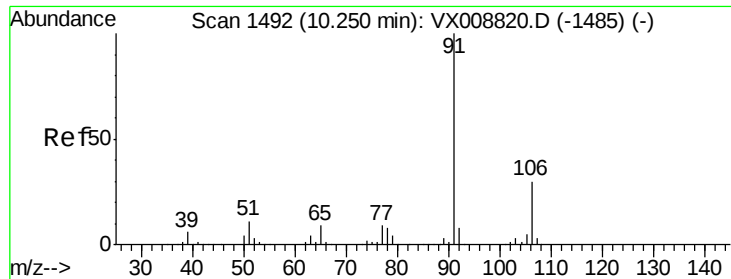


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 17.742 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

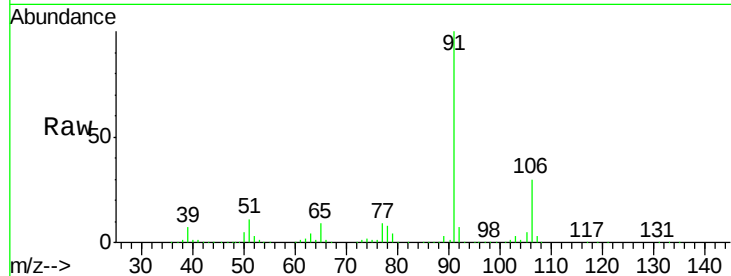
VX0410WBSD02

Tot Ion: 91 Resp: 178184

Ion Ratio Lower Upper

91 100

106 30.3 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

200000

150000

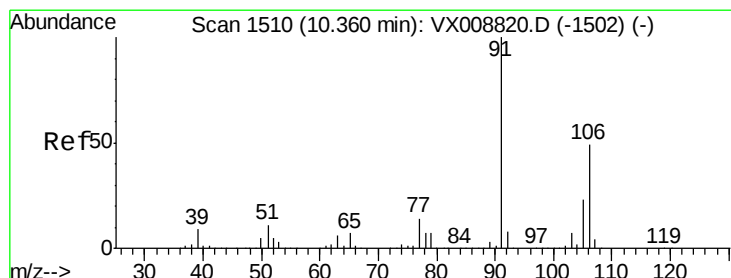
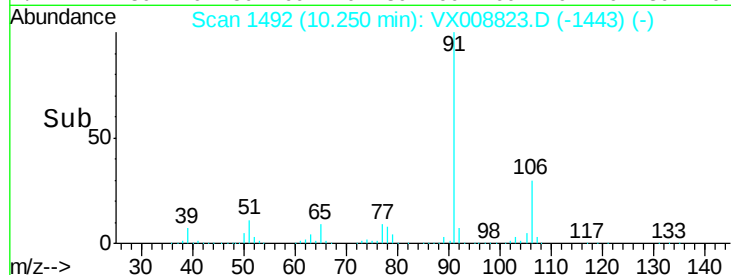
100000

50000

0

10.20 10.25 10.30

Time-->



#68

m/p-Xylenes

Concen: 35.885 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008823.D

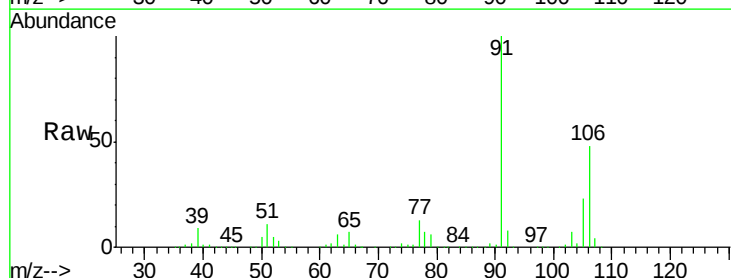
Acq: 10 Apr 2019 22:55

Tgt Ion:106 Resp: 129581

Ion Ratio Lower Upper

106 100

91 208.4 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

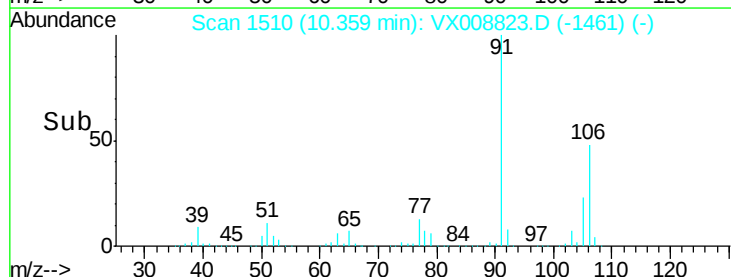
100000

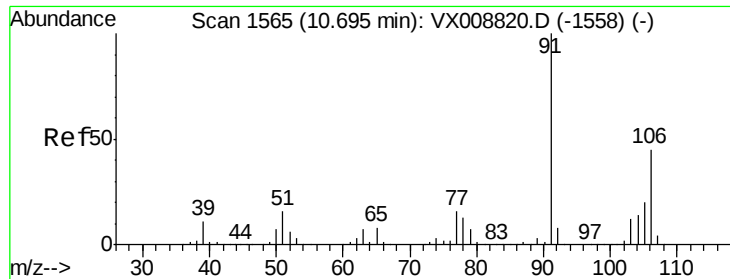
50000

0

10.30 10.36 10.40

Time-->

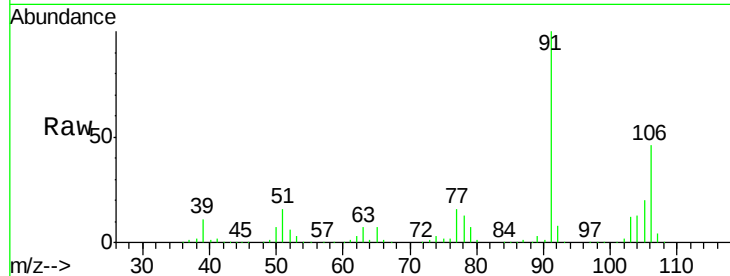




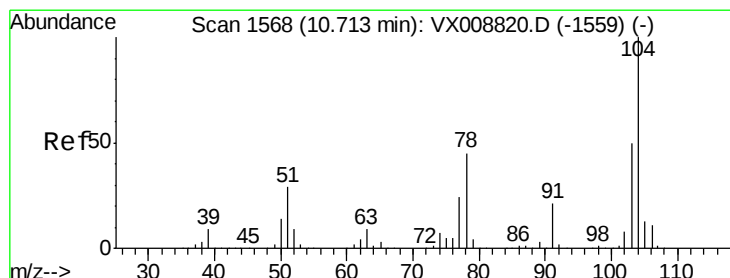
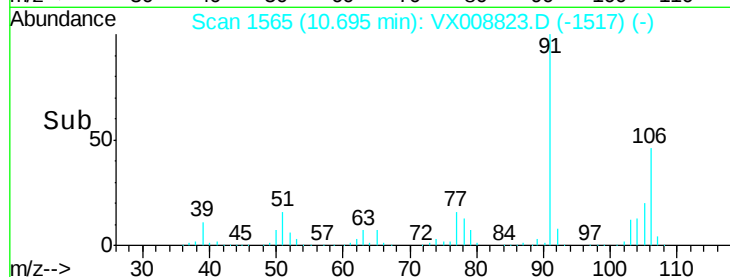
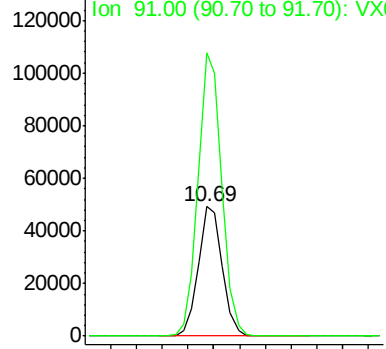
#69
o-Xylene
Concen: 18.352 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

Tot Ion:106 Resp: 64222
Ion Ratio Lower Upper
106 100
91 217.3 111.5 334.4

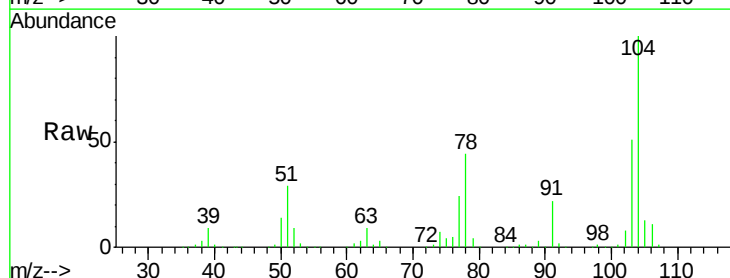


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

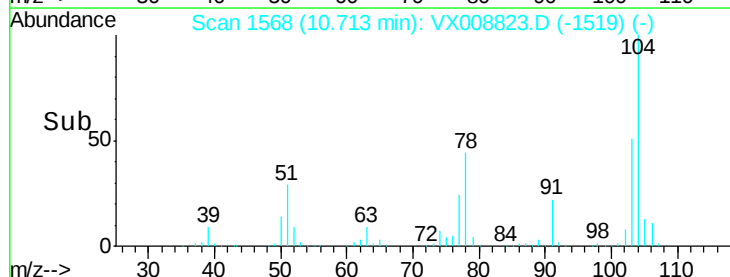
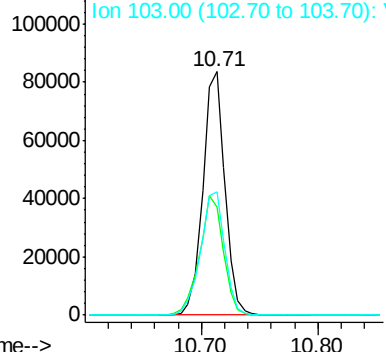


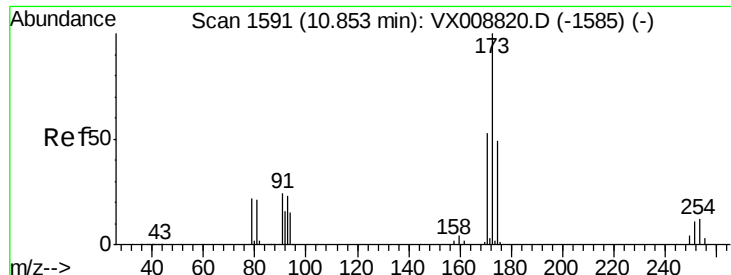
#70
Styrene
Concen: 18.295 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008823.D
Acq: 10 Apr 2019 22:55

Tgt Ion:104 Resp: 110360
Ion Ratio Lower Upper
104 100
78 52.8 42.3 63.5
103 55.8 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.019 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

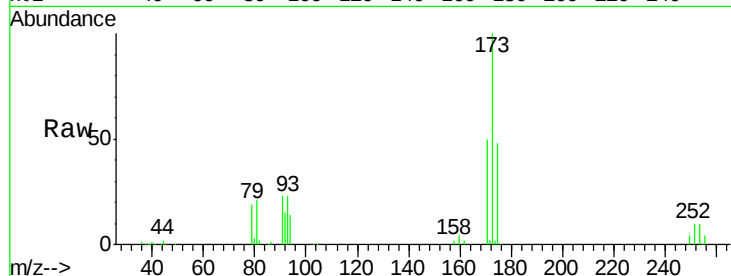
Tot Ion:173 Resp: 26003

Ion Ratio Lower Upper

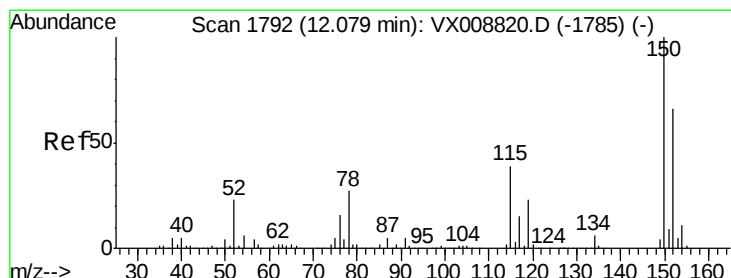
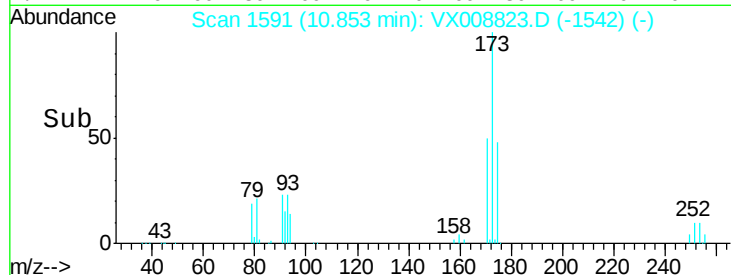
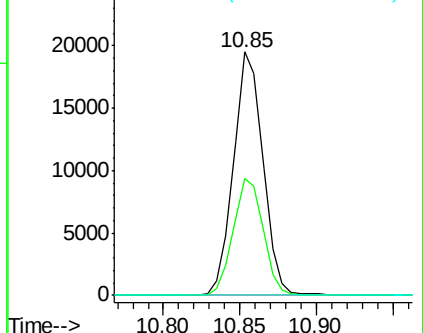
173 100

175 48.9 24.9 74.6

254 0.3 0.1 0.1#



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: VX008823.D

Acq: 10 Apr 2019 22:55

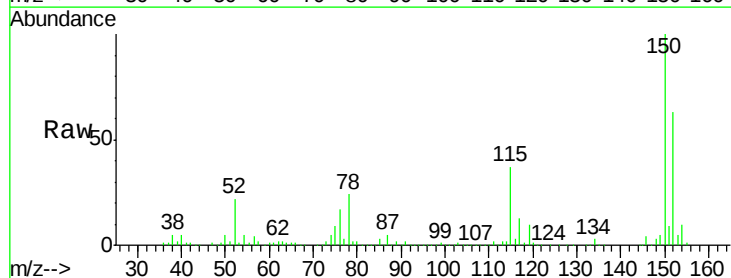
Tgt Ion:152 Resp: 114662

Ion Ratio Lower Upper

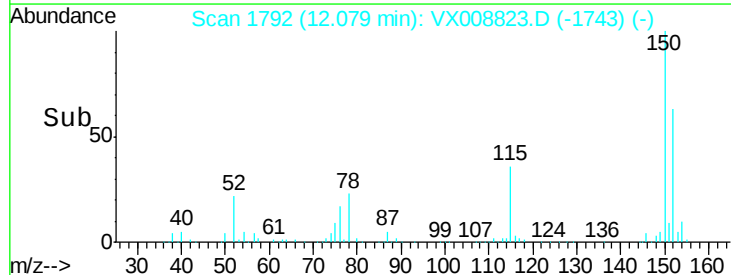
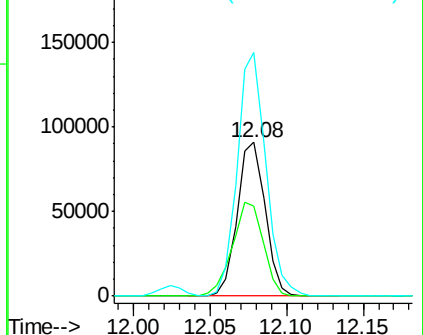
152 100

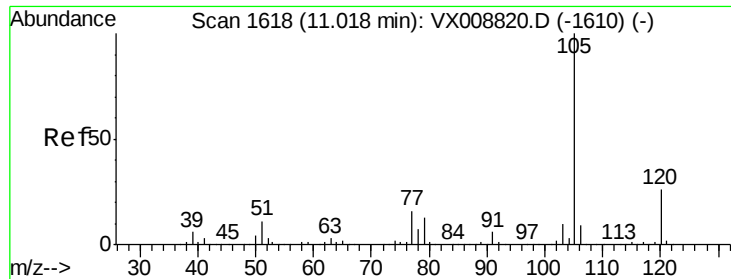
115 68.2 43.5 130.5

150 162.8 0.0 348.8



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





#73

Isopropylbenzene

Concen: 17.853 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

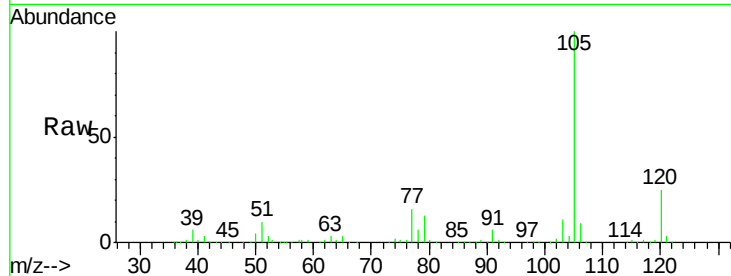
VX0410WBSD02

Tot Ion:105 Resp: 169642

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

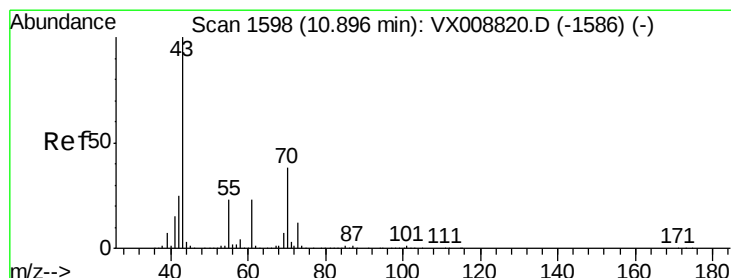
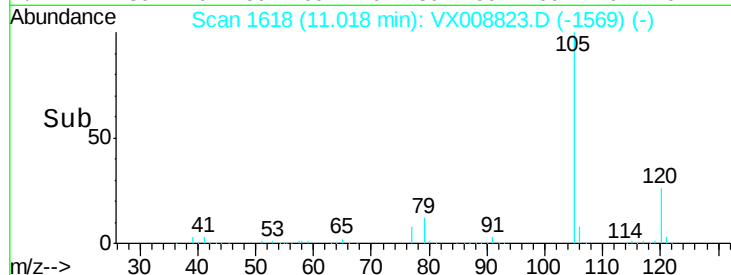
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.198 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Tgt Ion: 43 Resp: 101739

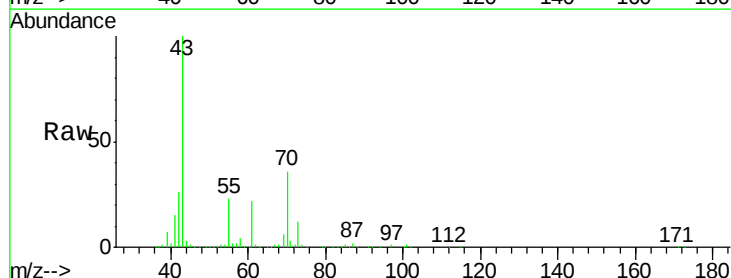
Ion Ratio Lower Upper

43 100

70 36.4 30.2 45.4

55 23.0 18.2 27.4

61 22.2 18.6 28.0



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

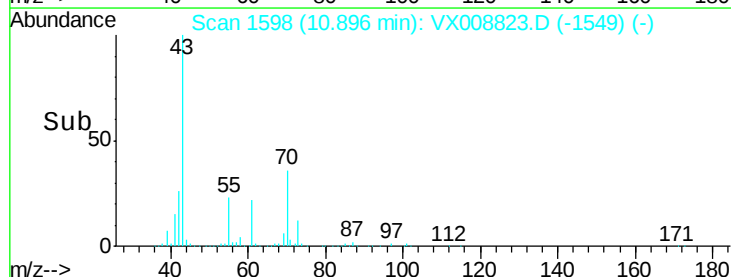
10.90

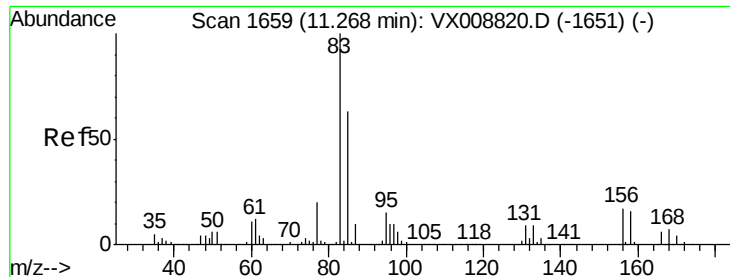
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.806 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

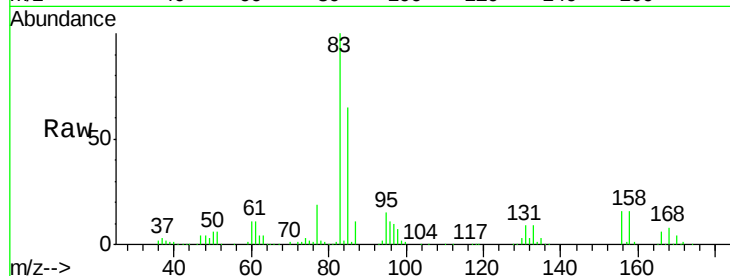
Tot Ion: 83 Resp: 64348

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.7

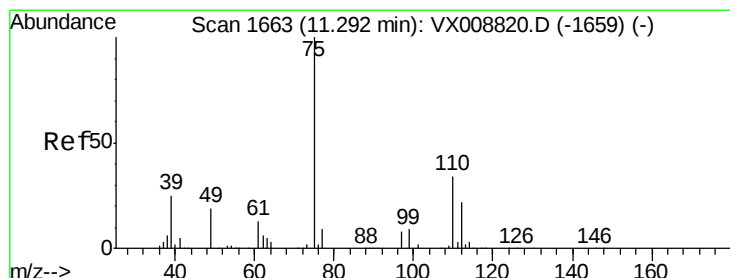
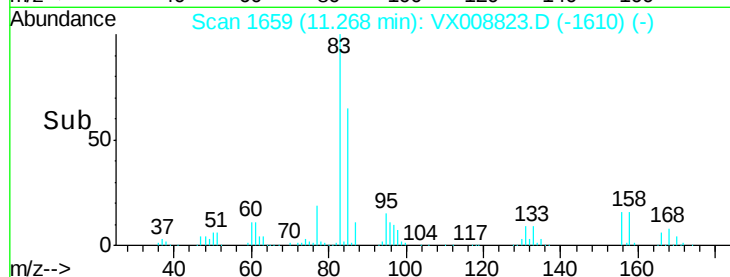
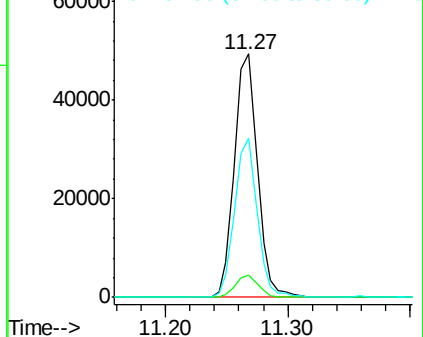
85 64.0 32.0 96.2



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: 17.658 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008823.D

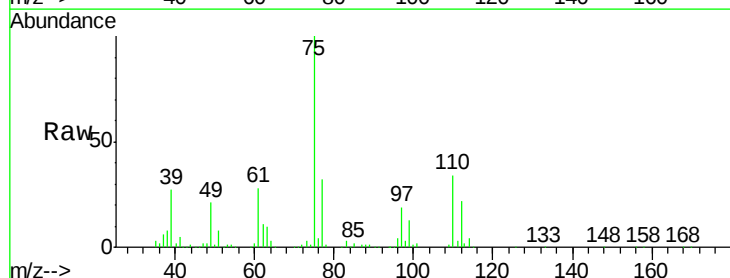
Acq: 10 Apr 2019 22:55

Tgt Ion: 75 Resp: 55620

Ion Ratio Lower Upper

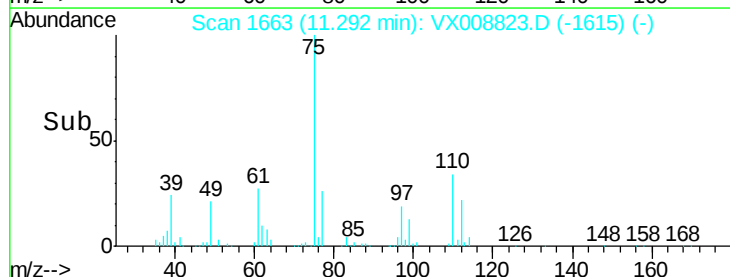
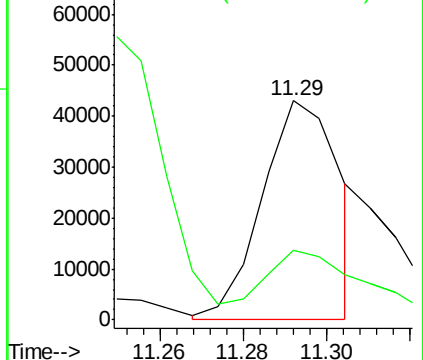
75 100

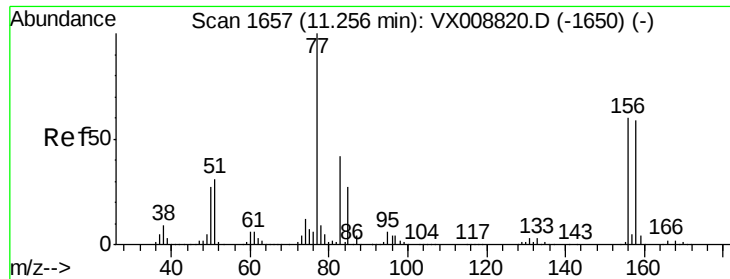
77 42.3 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.222 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

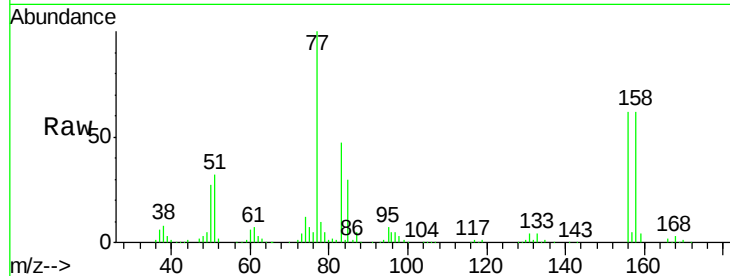
Tot Ion:156 Resp: 41627

Ion Ratio Lower Upper

156 100

77 174.5 89.8 269.6

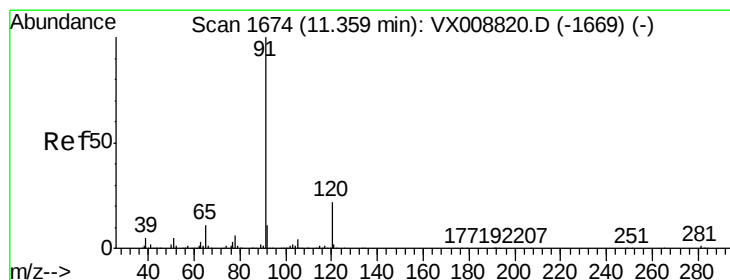
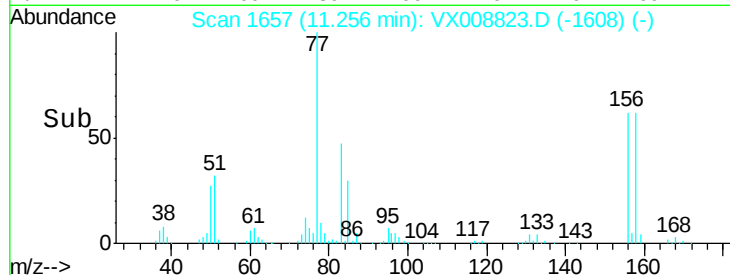
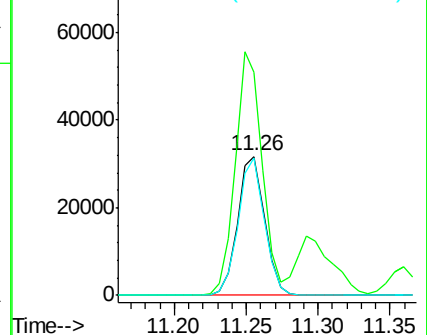
158 96.6 48.6 145.9



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: 17.313 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008823.D

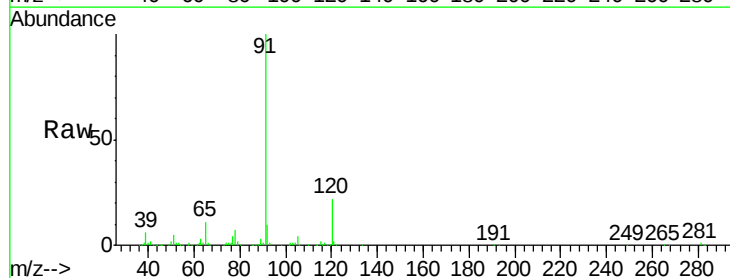
Acq: 10 Apr 2019 22:55

Tgt Ion: 91 Resp: 191558

Ion Ratio Lower Upper

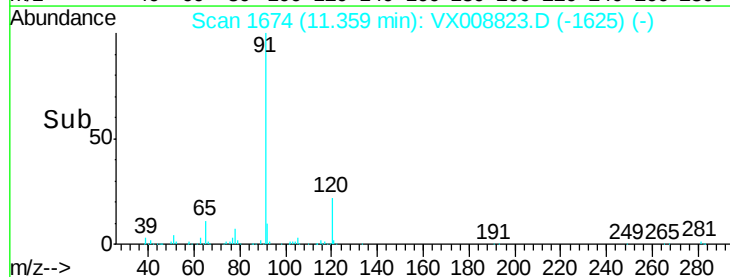
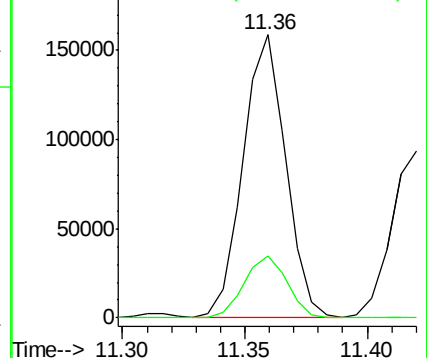
91 100

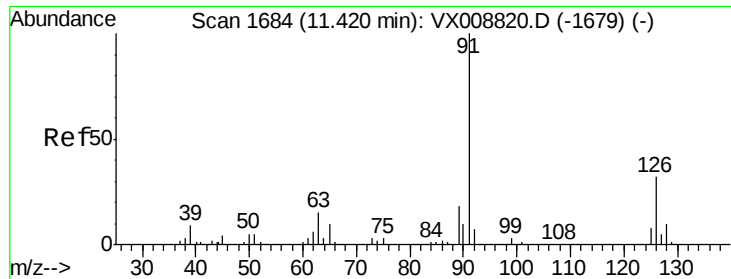
120 22.3 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.382 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

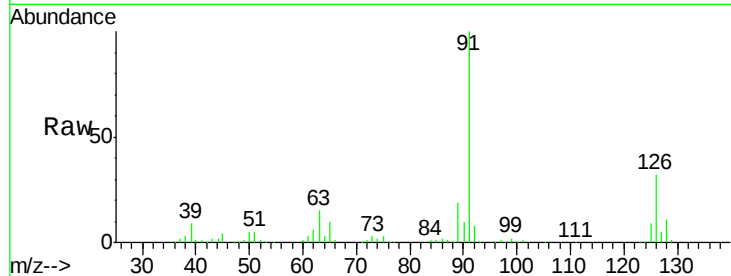
VX0410WBSD02

Tot Ion: 91 Resp: 116385

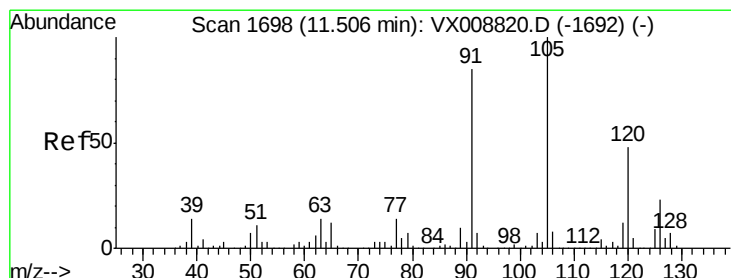
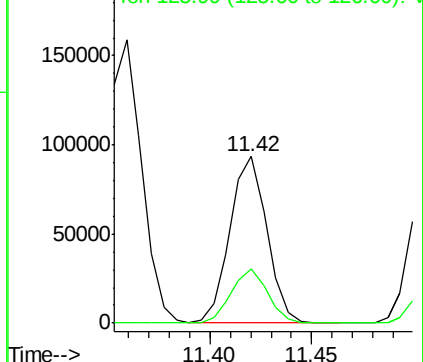
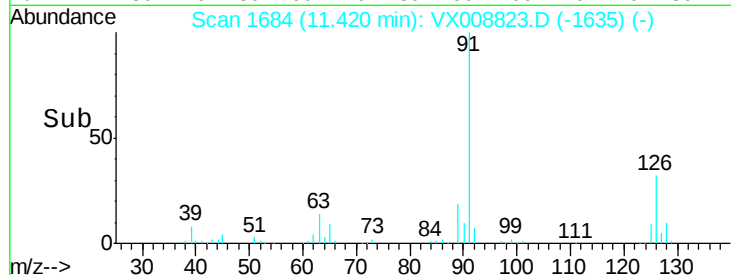
Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX008823.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.808 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008823.D

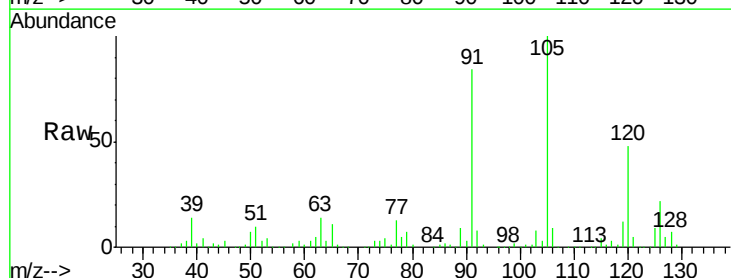
Acq: 10 Apr 2019 22:55

Tgt Ion:105 Resp: 142041

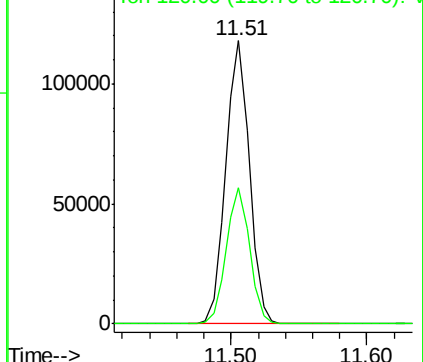
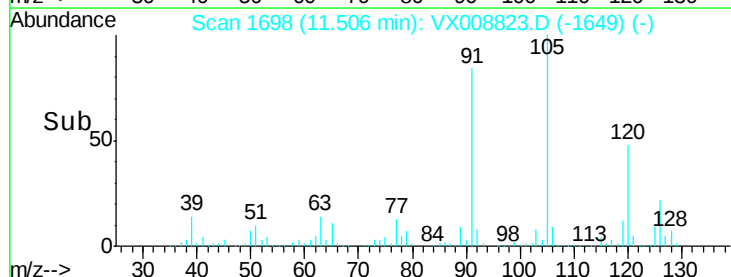
Ion Ratio Lower Upper

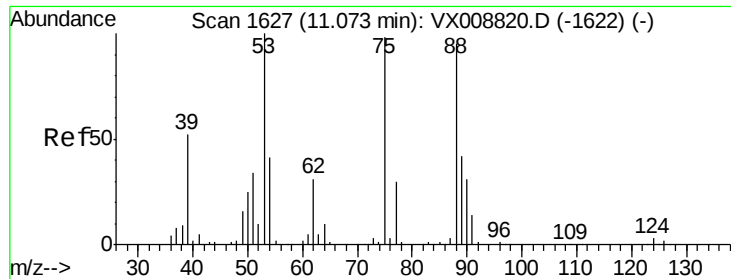
105 100

120 47.5 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008823.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.086 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

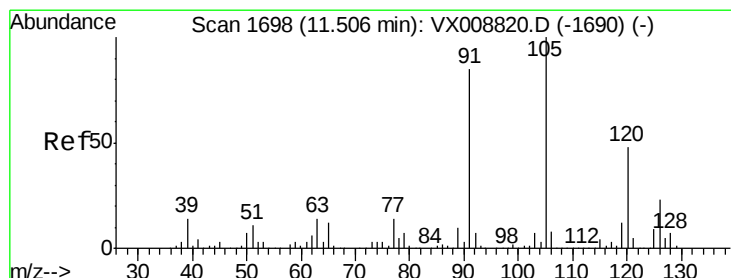
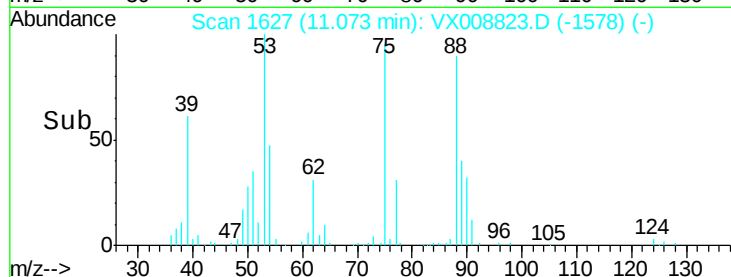
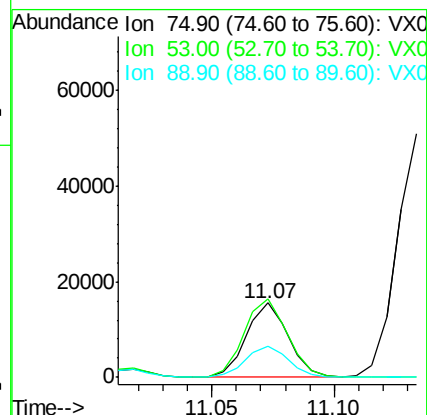
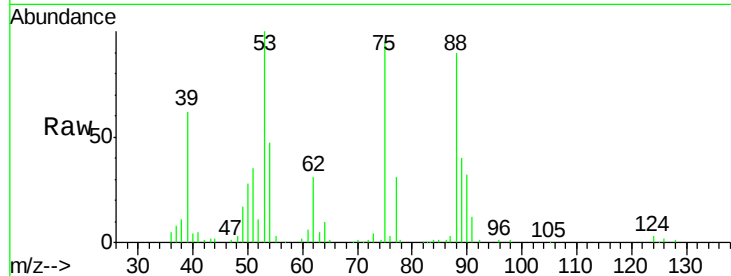
Tot Ion: 75 Resp: 18381

Ion Ratio Lower Upper

75 100

53 110.0 81.3 121.9

89 43.5 35.6 53.4



#82

4-Chlorotoluene

Concen: 17.332 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008823.D

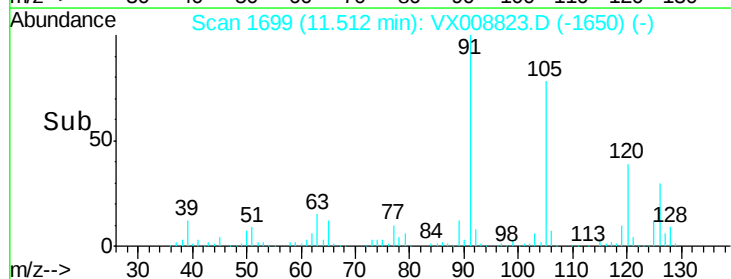
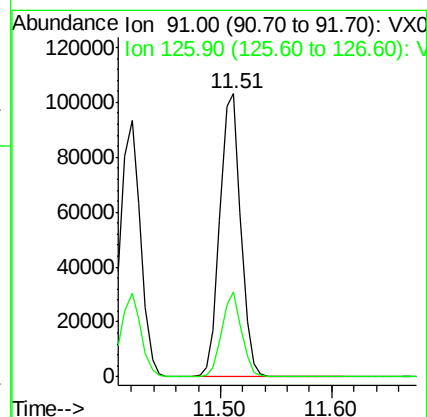
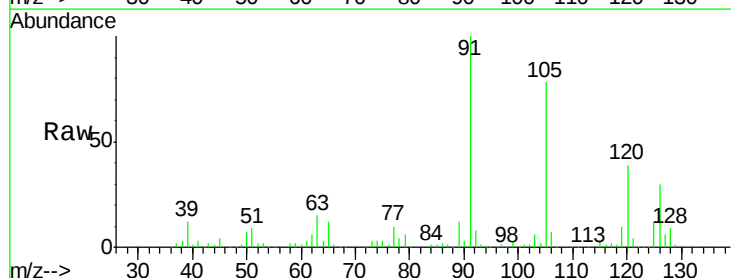
Acq: 10 Apr 2019 22:55

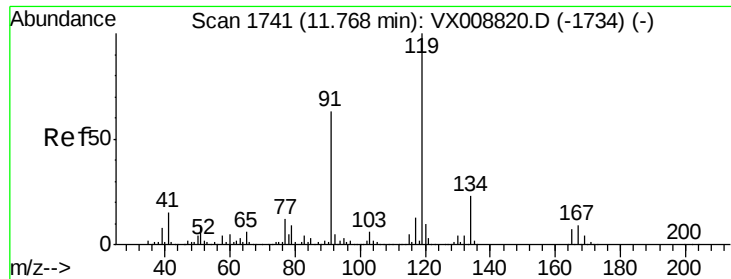
Tgt Ion: 91 Resp: 134329

Ion Ratio Lower Upper

91 100

126 28.2 13.9 41.6





#83

tert-Butylbenzene

Concen: 17.467 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

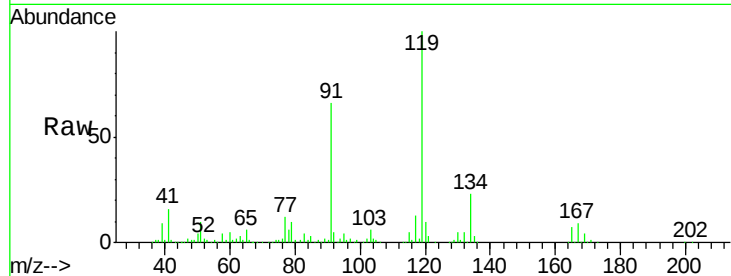
Tot Ion:119 Resp: 134044

Ion Ratio Lower Upper

119 100

91 61.0 30.0 90.1

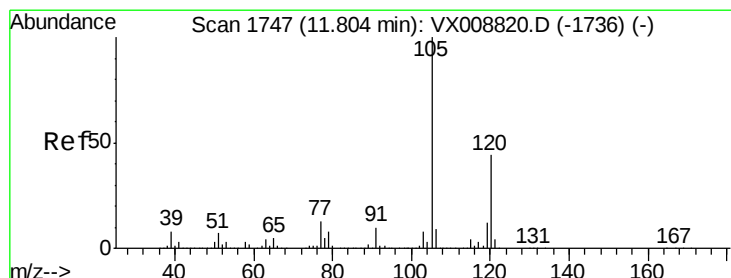
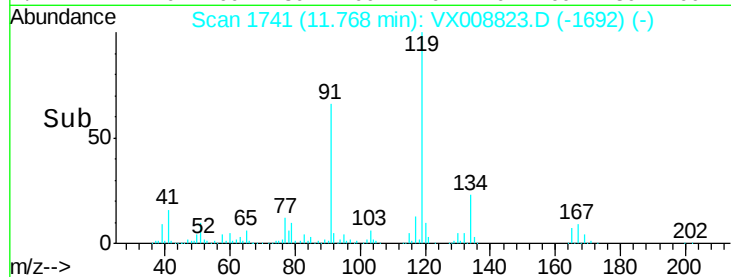
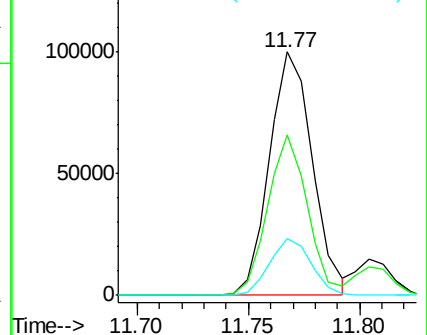
134 22.4 11.1 33.3



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: 17.715 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008823.D

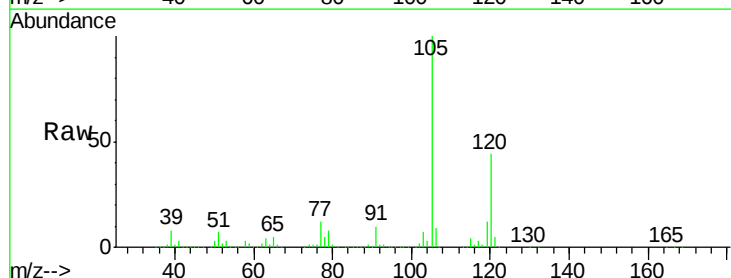
Acq: 10 Apr 2019 22:55

Tgt Ion:105 Resp: 143075

Ion Ratio Lower Upper

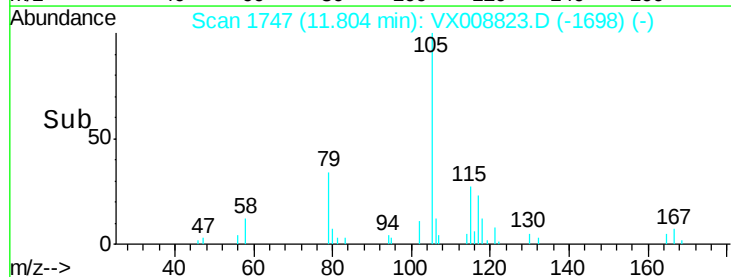
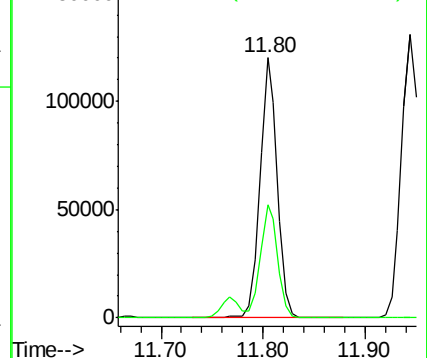
105 100

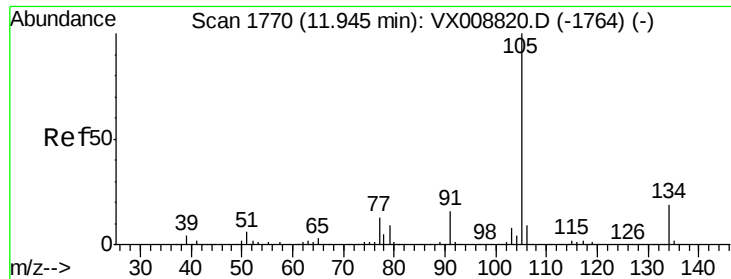
120 43.5 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.668 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

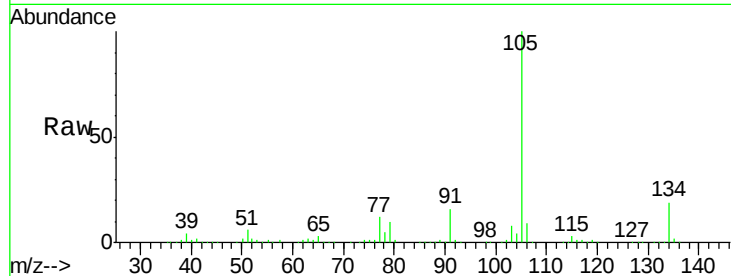
VX0410WBSD02

Tot Ion:105 Resp: 161045

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

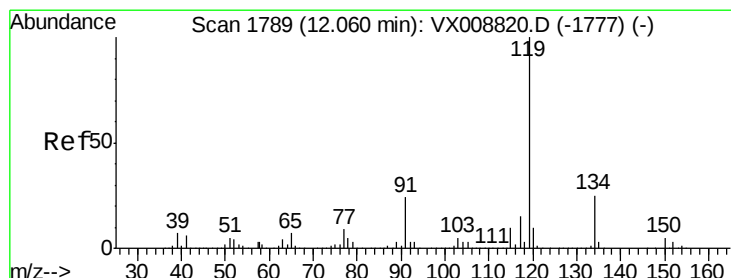
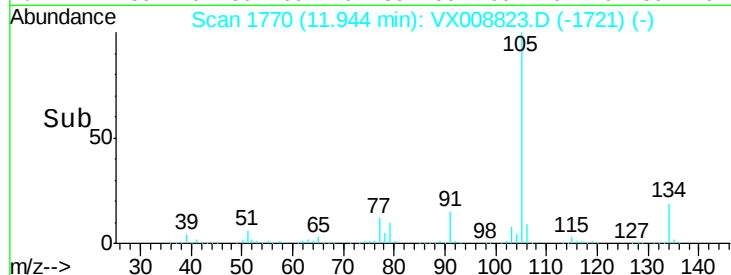
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 17.693 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

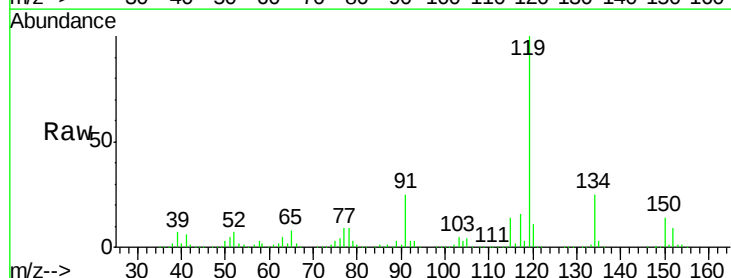
Tgt Ion:119 Resp: 144751

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 24.2 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

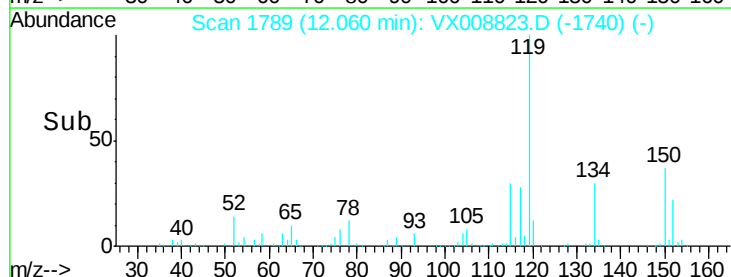
150000

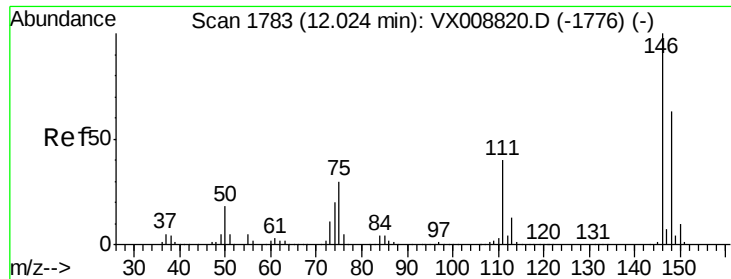
100000

50000

0

Time-->

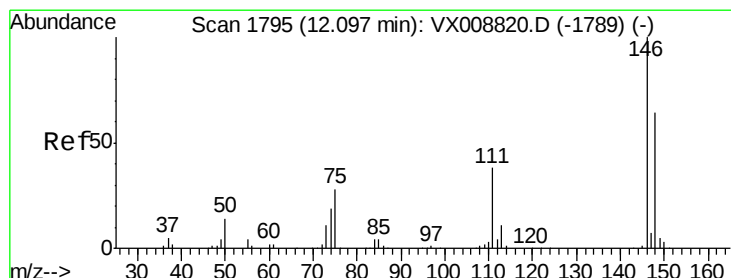
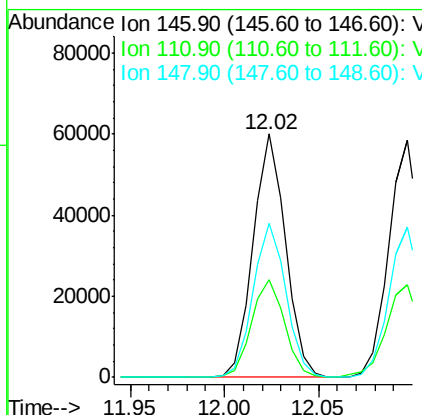
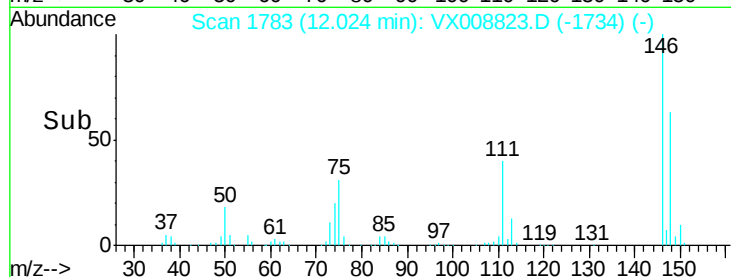
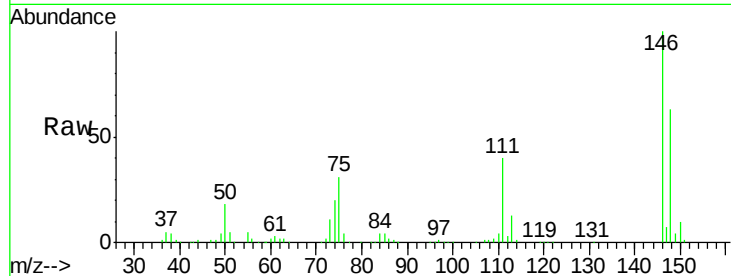




#87
 1,3-Dichlorobenzene
 Concen: 17.567 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

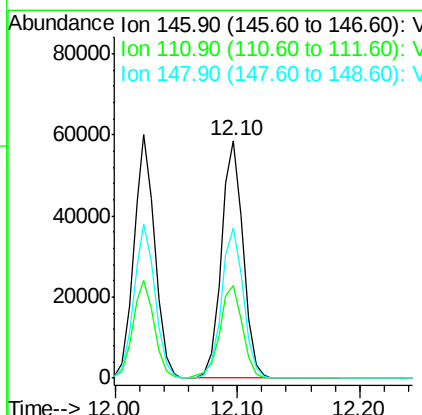
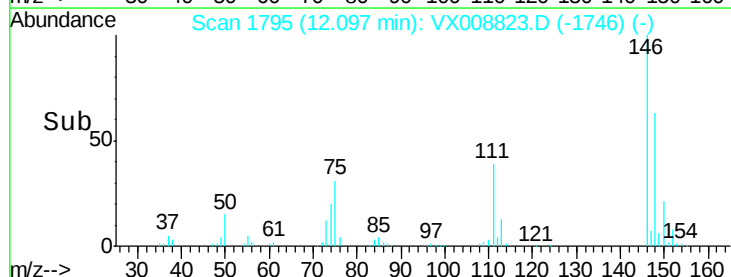
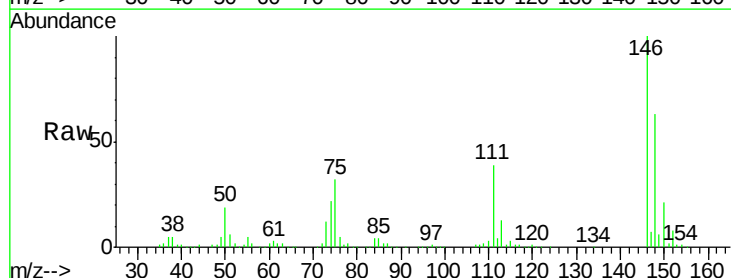
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

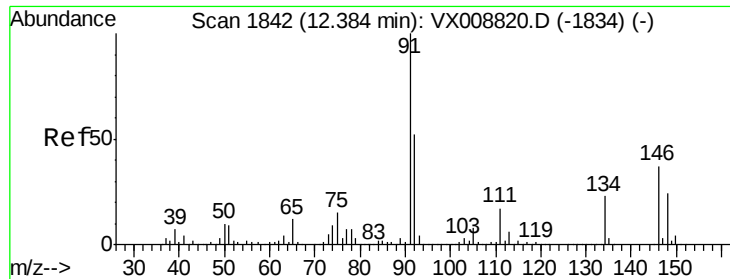
Tot Ion:146 Resp: 71840
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.5 61.5
 148 64.3 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 17.335 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Tgt Ion:146 Resp: 71785
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.2 60.6
 148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 16.995 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

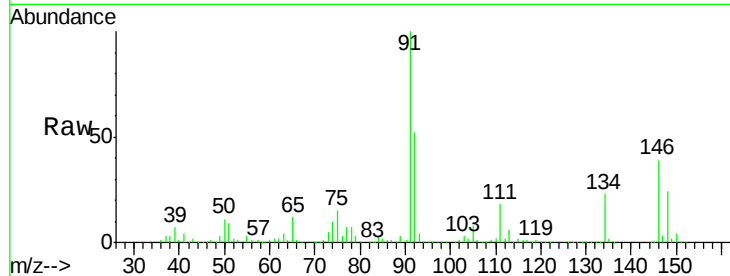
Tot Ion: 91 Resp: 130399

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

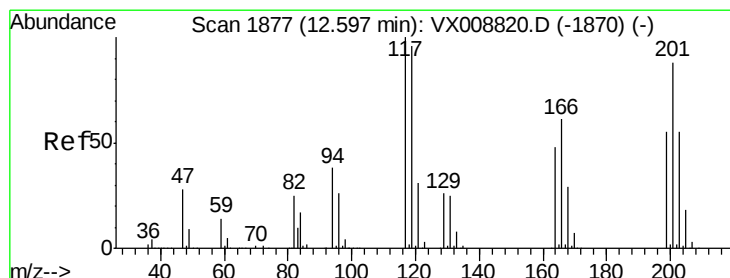
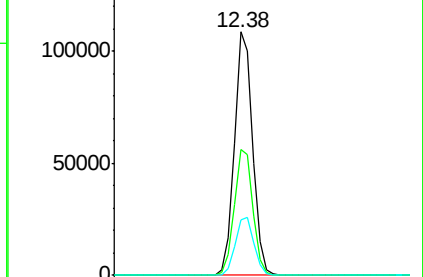
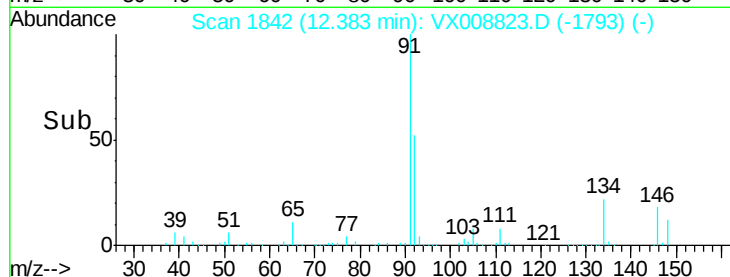
134 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX008823.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX008823.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX008823.D (-1793) (-)



#90

Hexachloroethane

Concen: 17.325 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008823.D

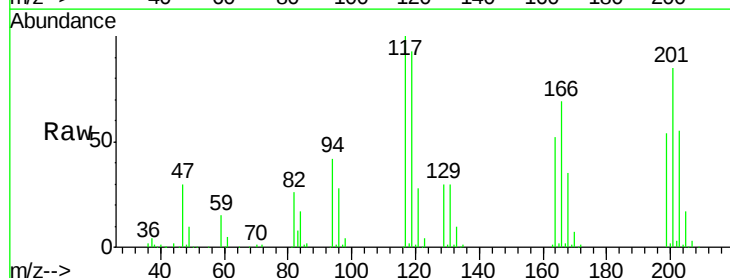
Acq: 10 Apr 2019 22:55

Tgt Ion: 117 Resp: 23509

Ion Ratio Lower Upper

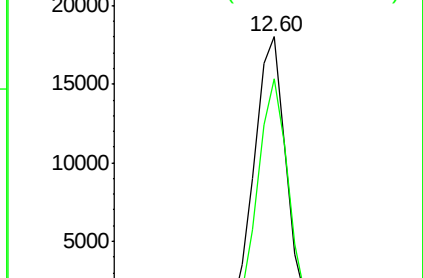
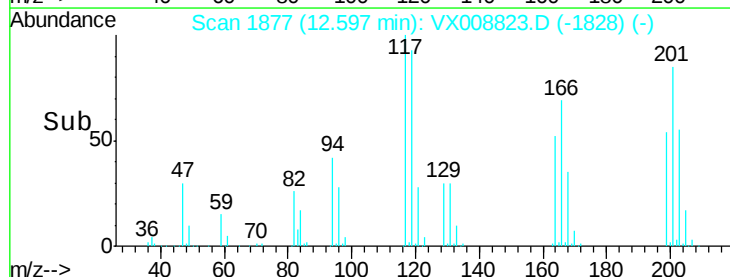
117 100

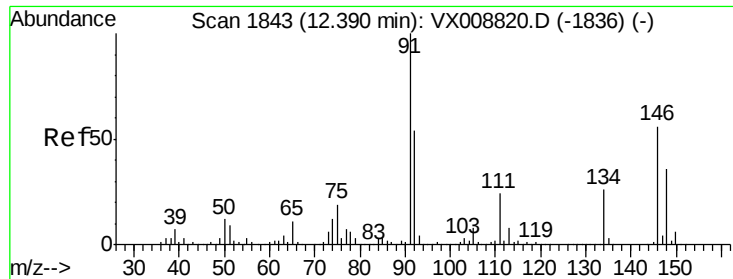
201 82.9 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): VX008823.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX008823.D (-1828) (-)

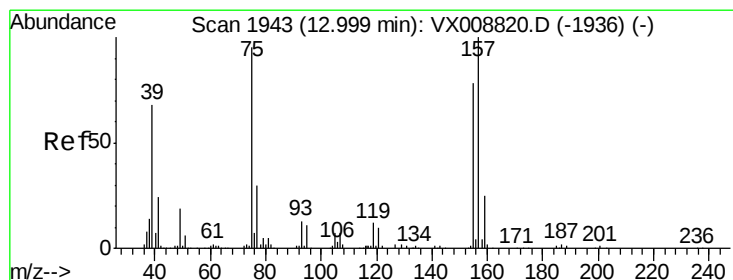
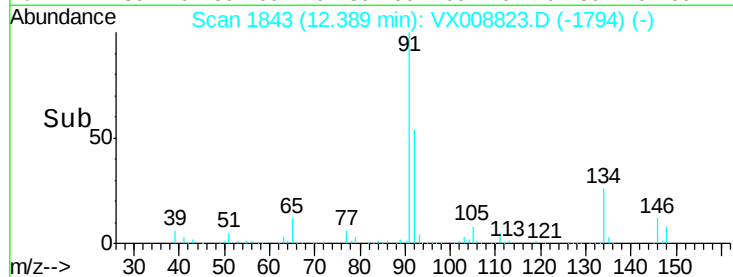
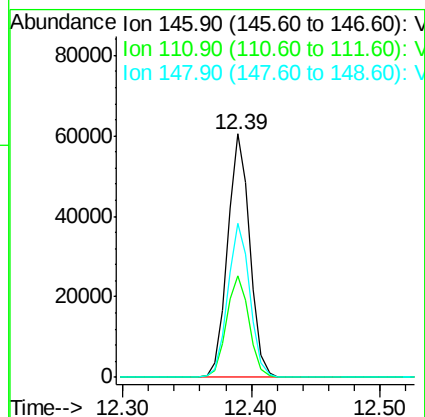
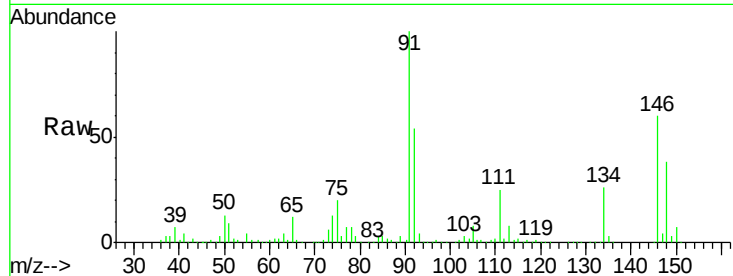




#91
 1,2-Dichlorobenzene
 Concen: 18.076 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

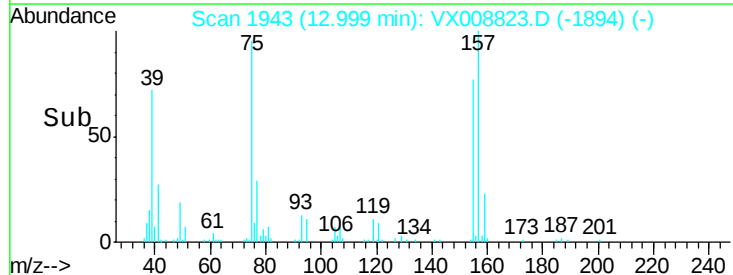
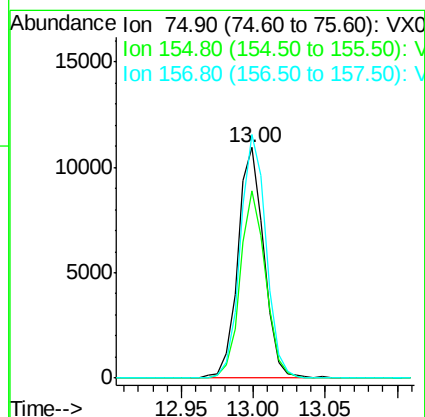
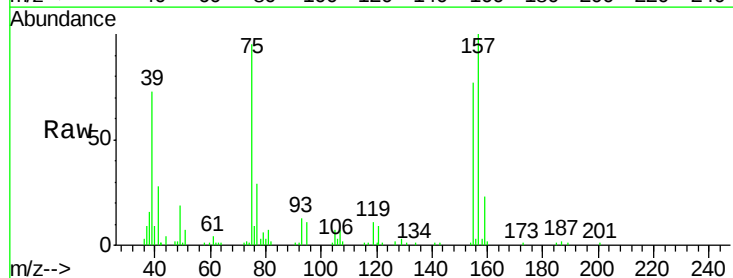
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

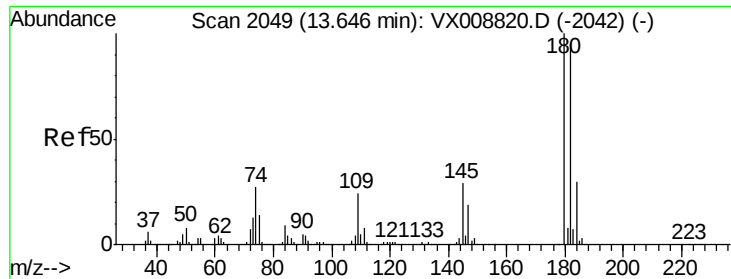
Tot Ion:146 Resp: 73397
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.9
 148 63.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.303 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Tgt Ion: 75 Resp: 13756
 Ion Ratio Lower Upper
 75 100
 155 78.9 39.9 119.6
 157 103.8 51.5 154.7

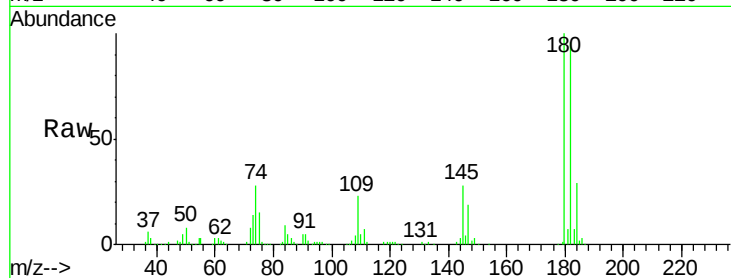




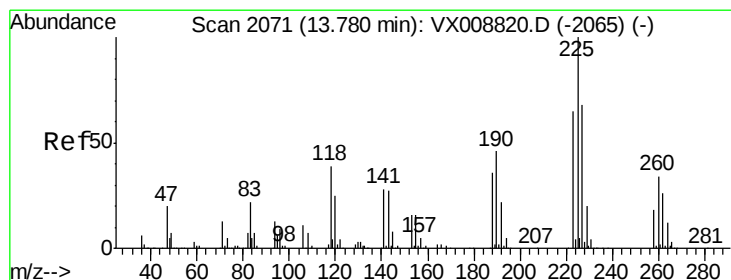
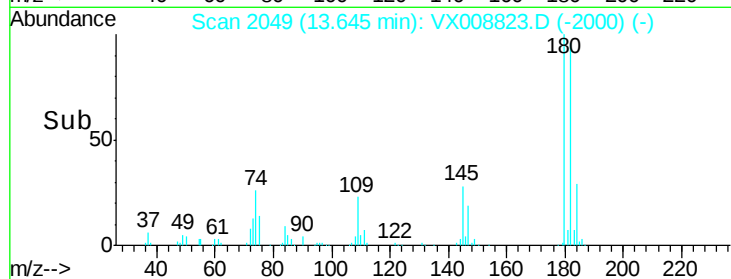
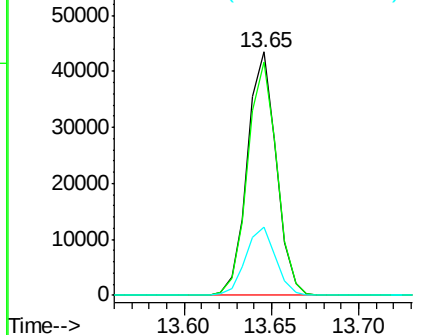
#93
 1,2,4-Trichlorobenzene
 Concen: 17.712 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

Tot Ion:180 Resp: 50005
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.2 141.6
 145 29.1 15.3 45.9

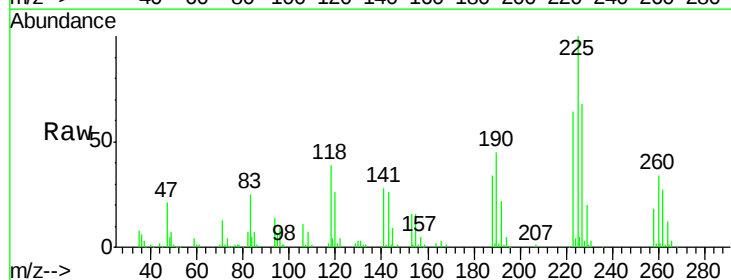


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

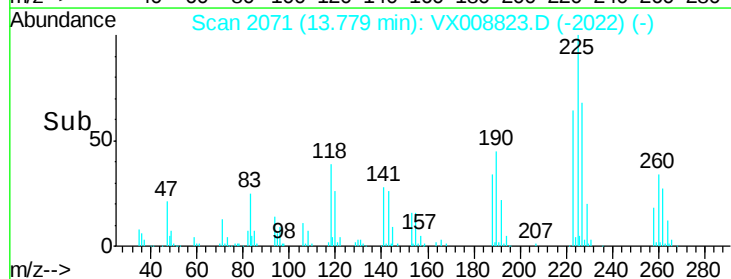
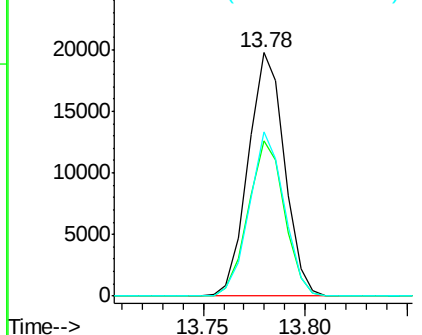


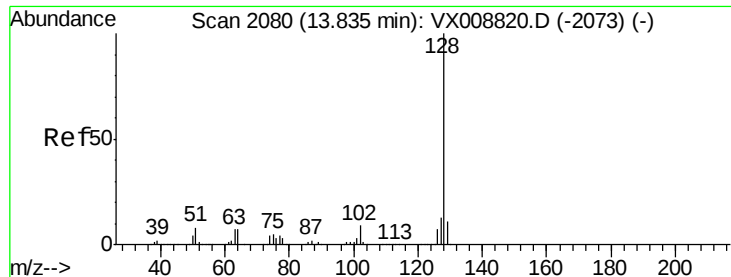
#94
 Hexachlorobutadiene
 Concen: 18.060 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008823.D
 Acq: 10 Apr 2019 22:55

Tgt Ion:225 Resp: 24453
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.2 93.6
 227 64.9 31.9 95.5



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





#95

Naphthalene

Concen: 17.703 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

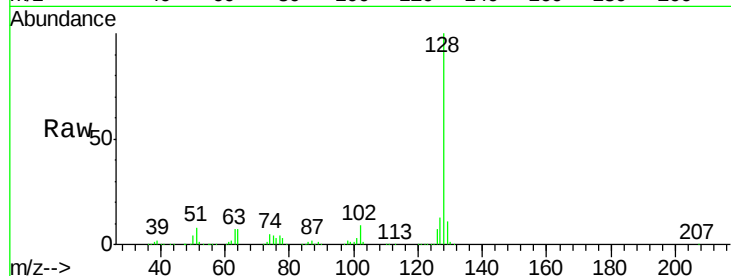
Tot Ion:128 Resp: 167043

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

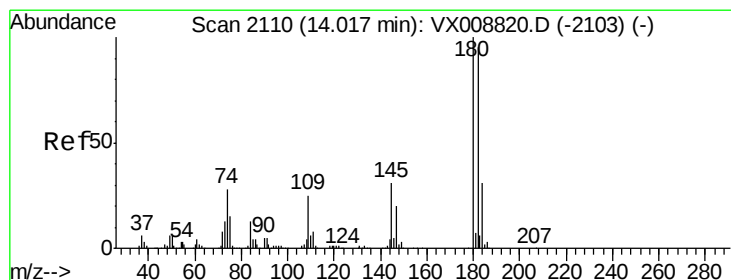
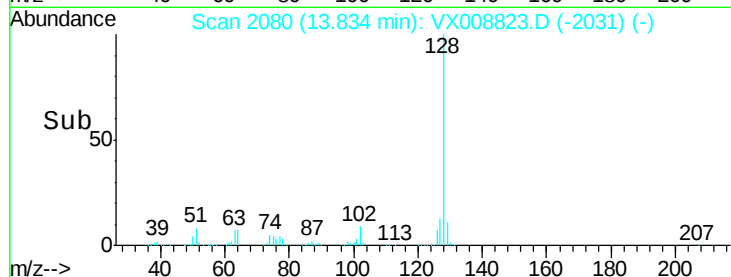
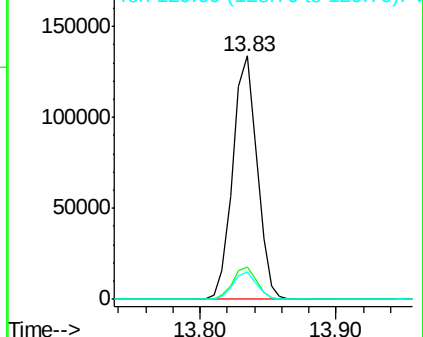
129 11.0 8.6 13.0



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: 17.958 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008823.D

Acq: 10 Apr 2019 22:55

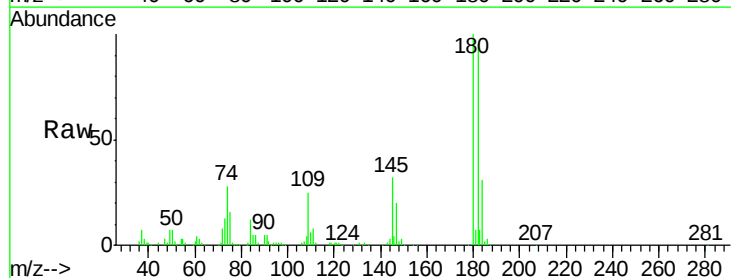
Tgt Ion:180 Resp: 50656

Ion Ratio Lower Upper

180 100

182 95.6 48.1 144.3

145 31.2 16.3 48.8



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

