

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042619\
 Data File : VX009189.D
 Acq On : 26 Apr 2019 15:00
 Operator : JC/SP
 Sample : VX0426WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

Quant Time: Apr 27 04:02:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132781	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	124705	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
35) Dibromofluoromethane	5.50	113	91781	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
50) Toluene-d8	8.71	98	360590	44.57	ug/l	0.00
Spiked Amount			Recovery	=	89.14%	
62) 4-Bromofluorobenzene	11.13	95	132221	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40071	18.095	ug/l	99
3) Chloromethane	1.32	50	48447	17.820	ug/l	99
4) Vinyl Chloride	1.40	62	47215	17.844	ug/l	99
5) Bromomethane	1.64	94	18208	13.991	ug/l	99
6) Chloroethane	1.71	64	29919	19.229	ug/l	94
7) Trichlorofluoromethane	1.93	101	56664	18.342	ug/l	100
8) Diethyl Ether	2.19	74	26829	18.989	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34632	17.533	ug/l	98
10) Methyl Iodide	2.51	142	12366	9.635	ug/l	99
11) Tert butyl alcohol	3.05	59	64413	107.101	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36862	17.879	ug/l	96
13) Acrolein	2.29	56	66070	127.142	ug/l	99
14) Allyl chloride	2.73	41	85240	18.950	ug/l	99
15) Acrylonitrile	3.14	53	150505	98.582	ug/l	100
16) Acetone	2.45	43	132707	94.450	ug/l	97
17) Carbon Disulfide	2.57	76	100285	17.391	ug/l	99
18) Methyl Acetate	2.78	43	70424	20.083	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	139119	18.937	ug/l	99
20) Methylene Chloride	2.85	84	44155	18.376	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	37763	17.172	ug/l	97
22) Diisopropyl ether	3.86	45	169810	19.428	ug/l	89
23) Vinyl Acetate	3.81	43	751933	97.866	ug/l	99
24) 1,1-Dichloroethane	3.70	63	81745	18.631	ug/l	100
25) 2-Butanone	4.68	43	226431	100.820	ug/l	100
26) 2,2-Dichloropropane	4.59	77	54421	16.547	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	45010	18.027	ug/l	99
28) Bromochloromethane	5.02	49	38233	19.814	ug/l	100
29) Tetrahydrofuran	5.13	42	149995	99.783	ug/l	99
30) Chloroform	5.21	83	73317	18.673	ug/l	98
31) Cyclohexane	5.57	56	77344	17.923	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	60453	18.577	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55421	16.952	ug/l	100
37) Ethyl Acetate	4.84	43	83699	19.896	ug/l	99
38) Carbon Tetrachloride	5.79	117	50064	18.063	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042619\
 Data File : VX009189.D
 Acq On : 26 Apr 2019 15:00
 Operator : JC/SP
 Sample : VX0426WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

Quant Time: Apr 27 04:02:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67932	17.066	ug/l	94
40) Benzene	6.14	78	177365	18.390	ug/l	100
41) Methacrylonitrile	5.04	41	48049	19.901	ug/l	99
42) 1,2-Dichloroethane	6.19	62	62560	18.311	ug/l	100
43) Isopropyl Acetate	6.45	43	130589	19.263	ug/l	100
44) Trichloroethene	7.21	130	40362	17.080	ug/l	96
45) 1,2-Dichloropropane	7.51	63	50258	18.783	ug/l	98
46) Dibromomethane	7.66	93	28502	18.304	ug/l	99
47) Bromodichloromethane	7.90	83	55805	18.271	ug/l	99
48) Methyl methacrylate	7.77	41	66003	19.704	ug/l	98
49) 1,4-Dioxane	7.74	88	27167	433.305	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	435451	100.823	ug/l	99
52) Toluene	8.78	92	106463	18.418	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62494	17.779	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	69436	17.642	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	43843	19.138	ug/l	95
56) Ethyl methacrylate	9.18	69	77612	18.894	ug/l	98
57) 1,3-Dichloropropane	9.37	76	76169	18.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	191618	86.625	ug/l	99
59) 2-Hexanone	9.49	43	339807	102.049	ug/l	100
60) Dibromochloromethane	9.58	129	41220	18.774	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44087	18.646	ug/l	99
64) Tetrachloroethene	9.34	164	36982	17.236	ug/l	98
65) Chlorobenzene	10.14	112	107951	18.108	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38753	18.453	ug/l	99
67) Ethyl Benzene	10.25	91	199806	18.335	ug/l	97
68) m/p-Xylenes	10.36	106	145537	36.747	ug/l	99
69) o-Xylene	10.70	106	71863	18.648	ug/l	98
70) Styrene	10.71	104	123382	18.476	ug/l	99
71) Bromoform	10.85	173	29813	17.819	ug/l	97
73) Isopropylbenzene	11.02	105	191913	19.068	ug/l	100
74) N-amyl acetate	10.90	43	116184	20.105	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71790	19.522	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	81816	25.234	ug/l	81
77) Bromobenzene	11.26	156	46589	18.347	ug/l	99
78) n-propylbenzene	11.36	91	215838	18.684	ug/l	100
79) 2-Chlorotoluene	11.42	91	131126	18.837	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	159767	18.917	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20995	16.624	ug/l	92
82) 4-Chlorotoluene	11.51	91	149070	18.439	ug/l	100
83) tert-Butylbenzene	11.77	119	152444	18.800	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	161212	18.752	ug/l	100
85) sec-Butylbenzene	11.94	105	182297	18.850	ug/l	99
86) p-Isopropyltoluene	12.06	119	164586	18.511	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80945	18.212	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	81956	18.191	ug/l	100
89) n-Butylbenzene	12.39	91	143903	17.378	ug/l	99
90) Hexachloroethane	12.60	117	26508	18.074	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	83835	19.102	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17189	20.529	ug/l	98

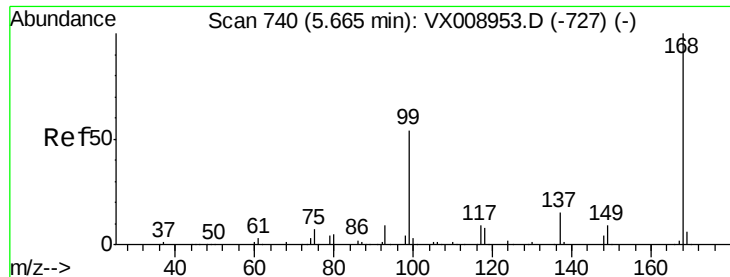
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042619\
Data File : VX009189.D
Acq On : 26 Apr 2019 15:00
Operator : JC/SP
Sample : VX0426WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

Quant Time: Apr 27 04:02:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56165	17.728	ug/l	99
94) Hexachlorobutadiene	13.78	225	27745	17.559	ug/l	99
95) Naphthalene	13.83	128	200847	19.788	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	59631	19.076	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

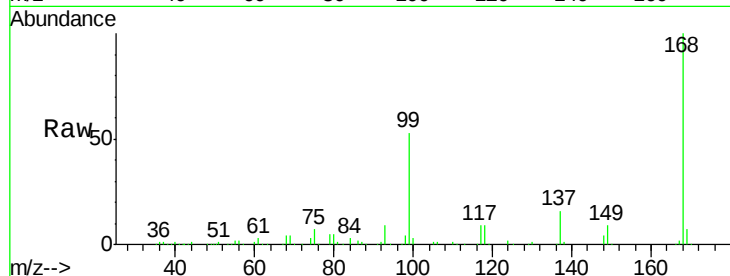
VX0426WBSD01

Tot Ion:168 Resp: 192257

Ion Ratio Lower Upper

168 100

99 53.1 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

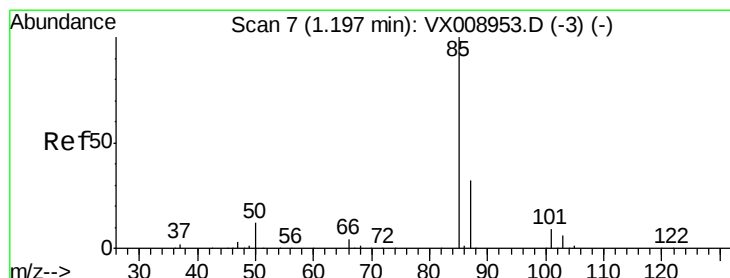
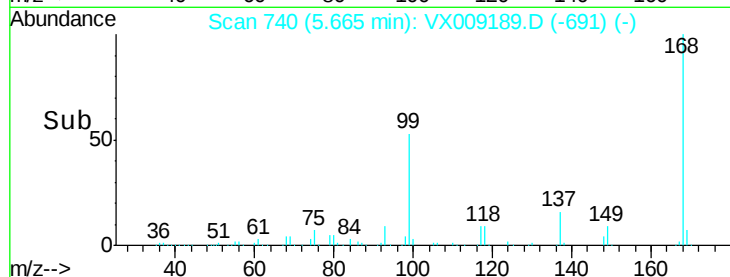
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.095 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009189.D

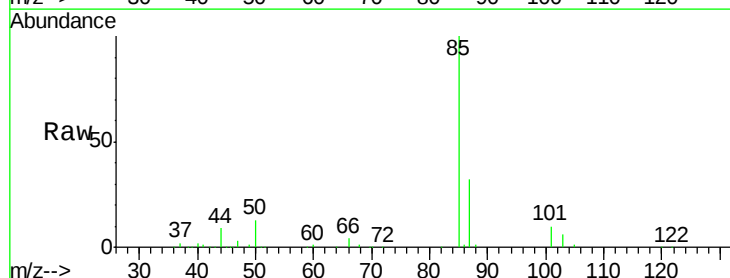
Acq: 26 Apr 2019 15:00

Tgt Ion: 85 Resp: 40071

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

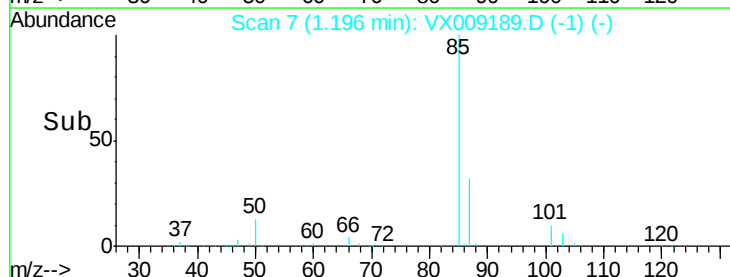
20000

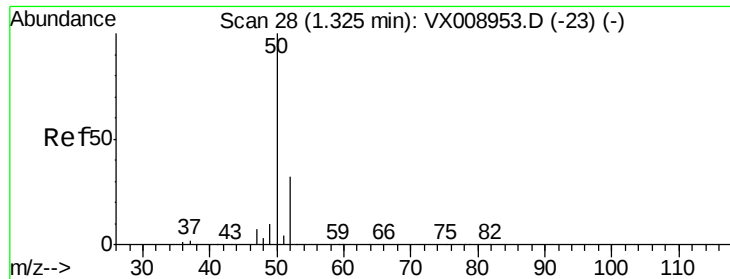
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.820 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

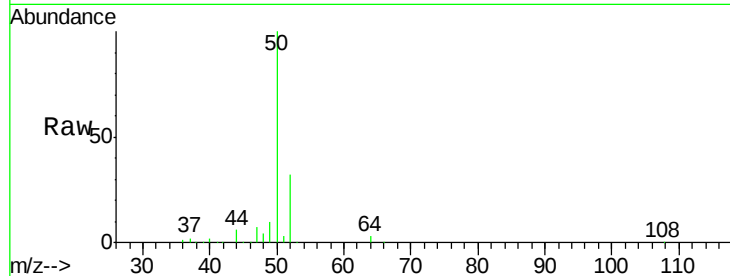
VX0426WBSD01

Tot Ion: 50 Resp: 48447

Ion Ratio Lower Upper

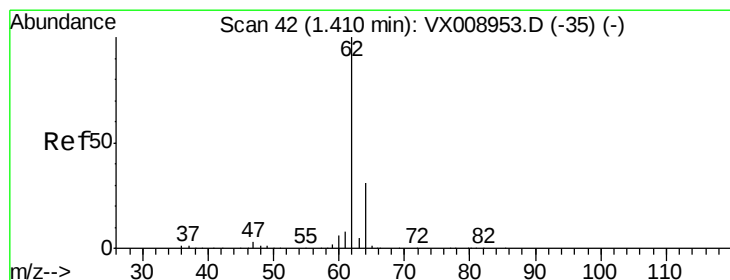
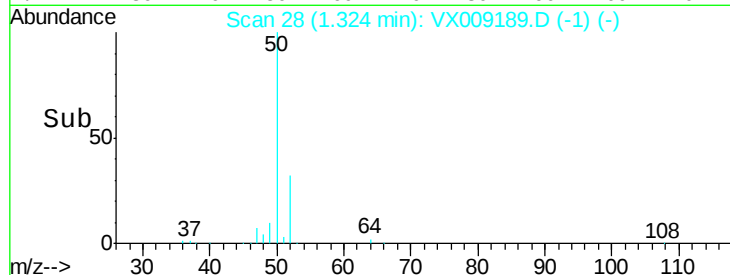
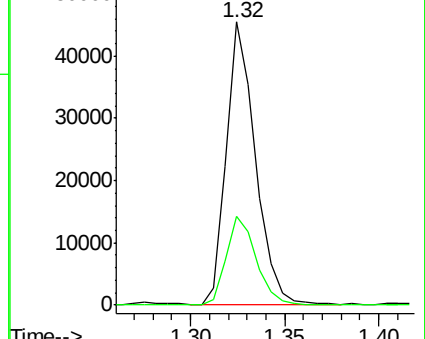
50 100

52 31.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.844 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009189.D

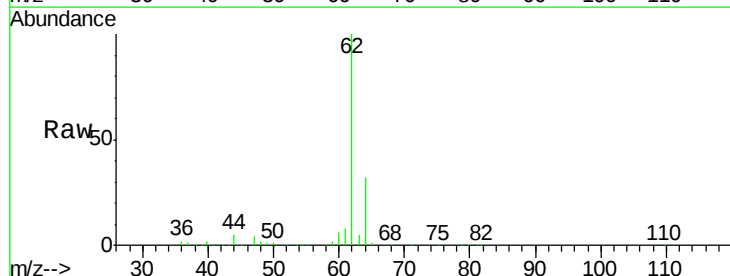
Acq: 26 Apr 2019 15:00

Tgt Ion: 62 Resp: 47215

Ion Ratio Lower Upper

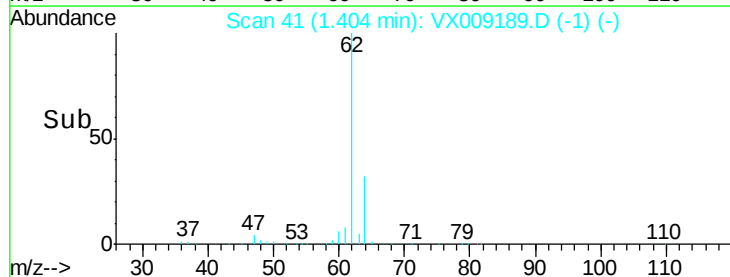
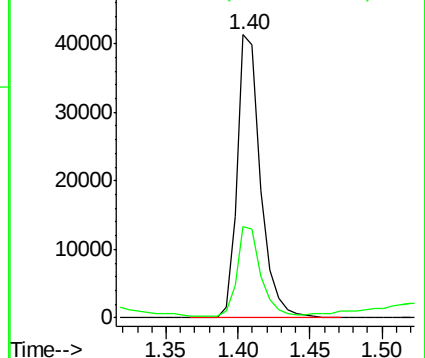
62 100

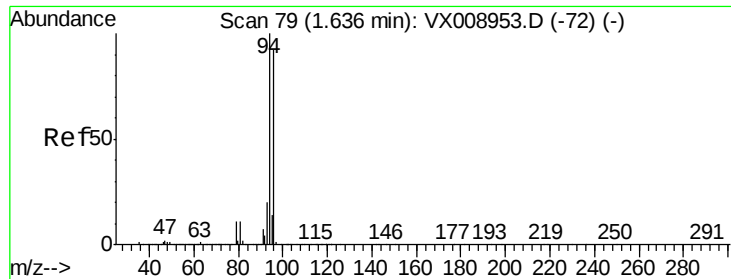
64 31.6 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.991 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

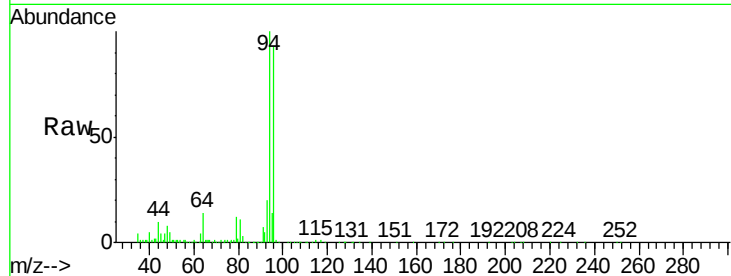
VX0426WBSD01

Tot Ion: 94 Resp: 18208

Ion Ratio Lower Upper

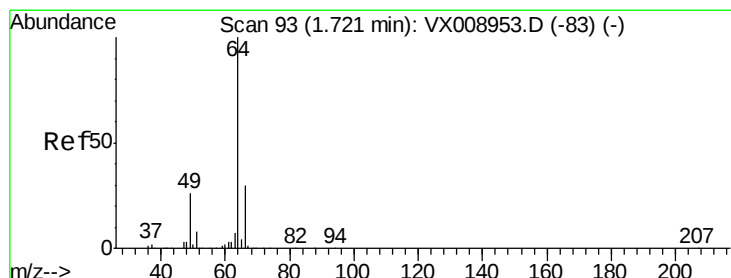
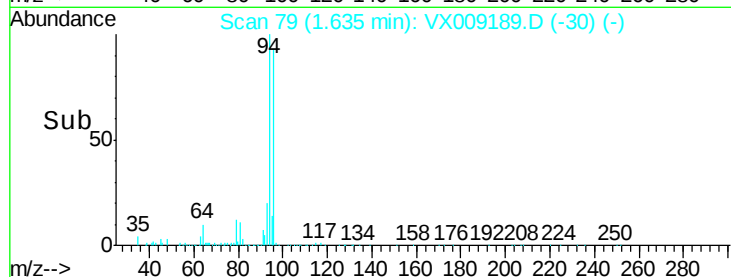
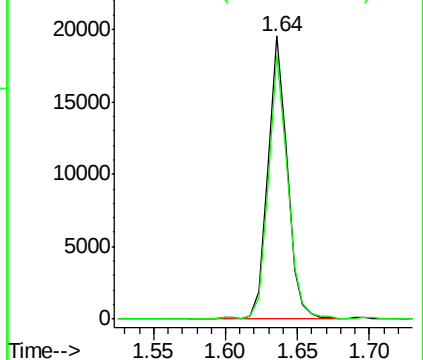
94 100

96 93.5 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.229 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009189.D

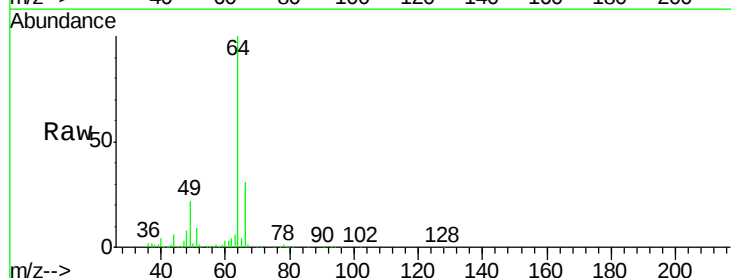
Acq: 26 Apr 2019 15:00

Tgt Ion: 64 Resp: 29919

Ion Ratio Lower Upper

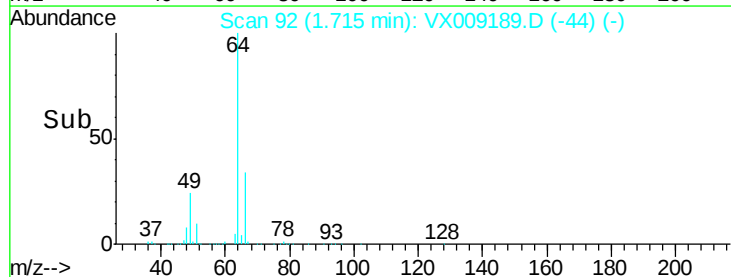
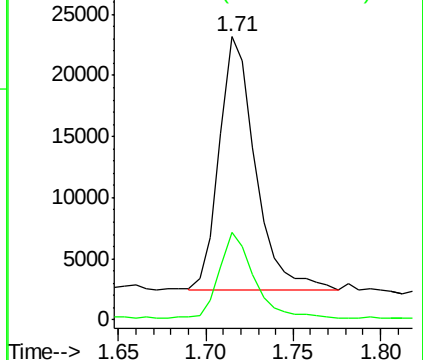
64 100

66 33.5 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



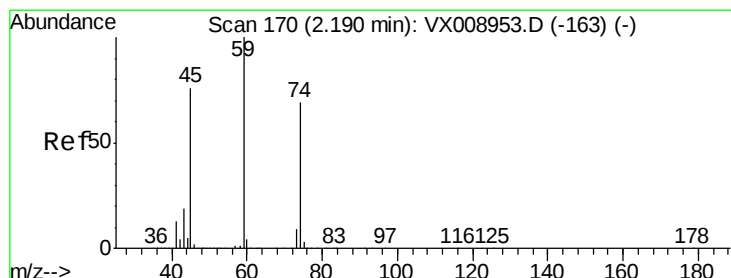
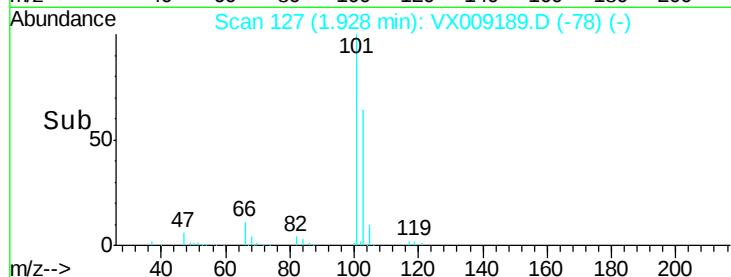
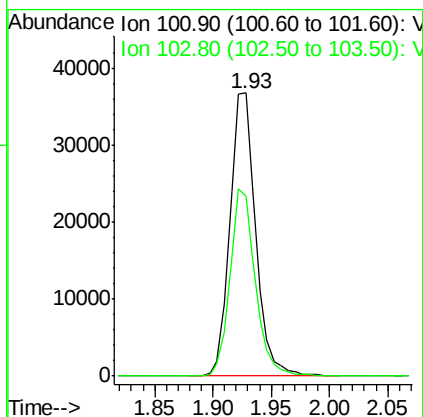
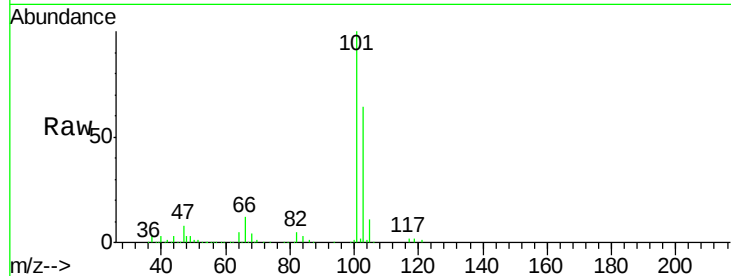


#7

Trichlorofluoromethane
 Concen: 18.342 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

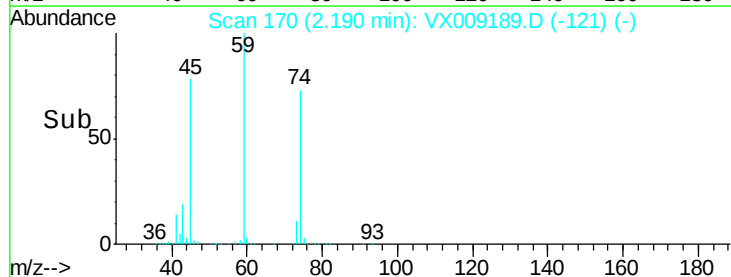
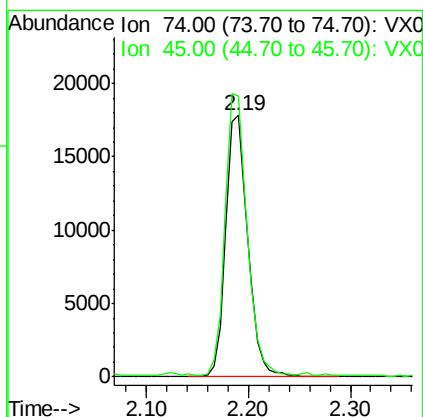
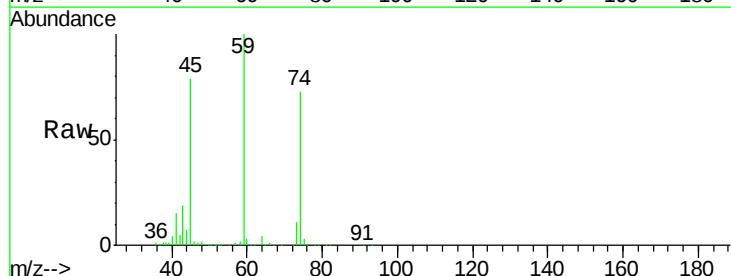
Tot Ion:101 Resp: 56664
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.6

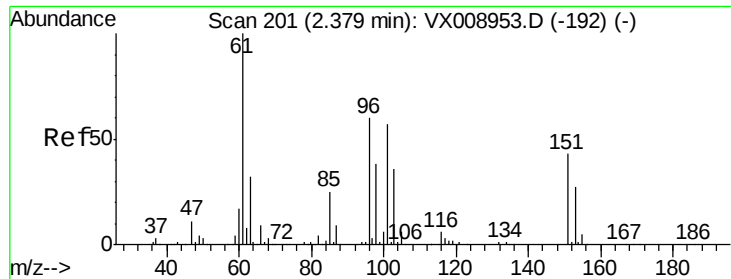


#8

Diethyl Ether
 Concen: 18.989 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Tgt Ion: 74 Resp: 26829
 Ion Ratio Lower Upper
 74 100
 45 107.1 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.533 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

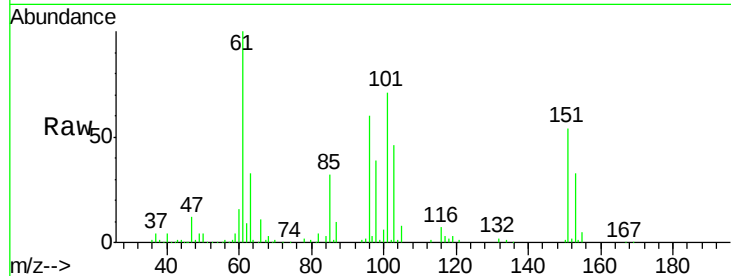
Tot Ion:101 Resp: 34632

Ion Ratio Lower Upper

101 100

85 46.2 35.7 53.5

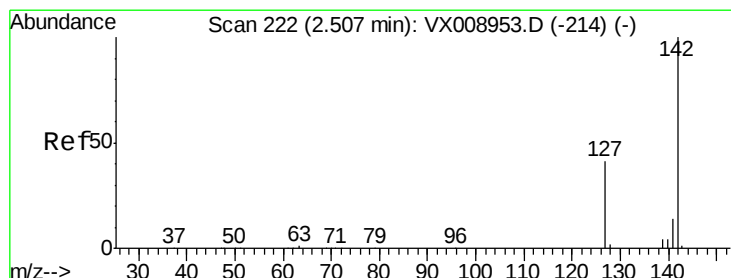
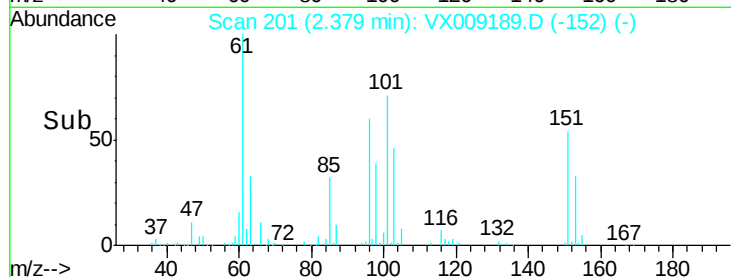
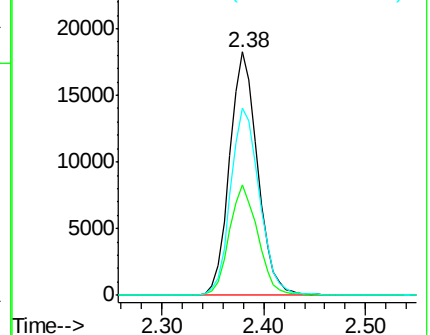
151 79.5 62.7 94.1



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: 9.635 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

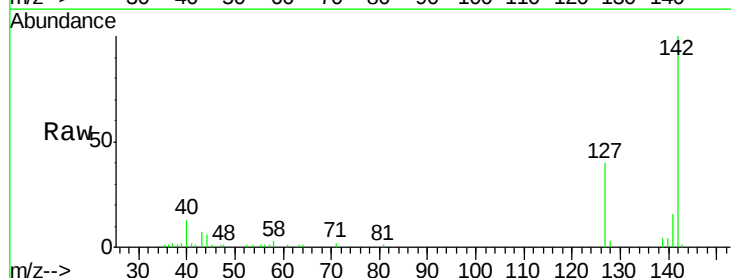
Tgt Ion:142 Resp: 12366

Ion Ratio Lower Upper

142 100

127 42.1 32.8 49.2

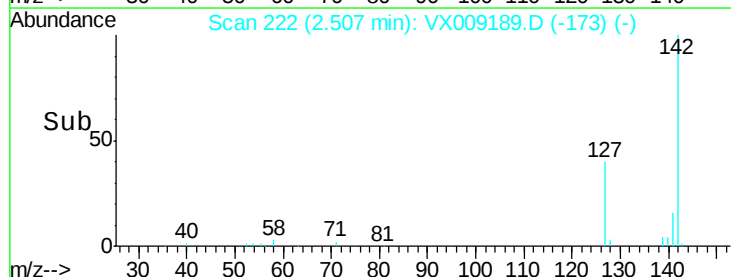
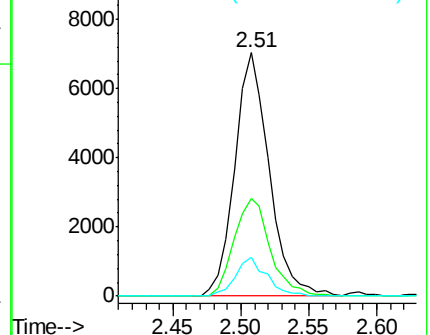
141 14.3 11.4 17.2

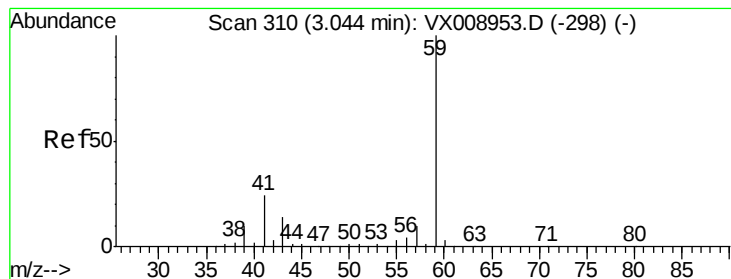


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



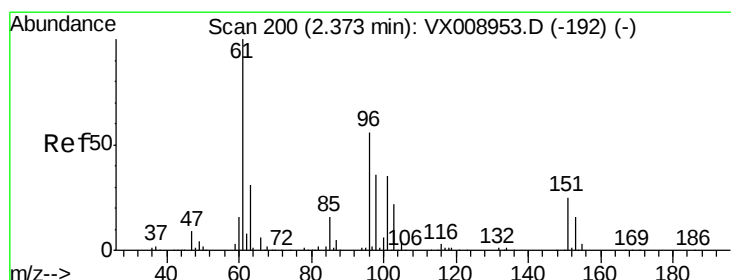
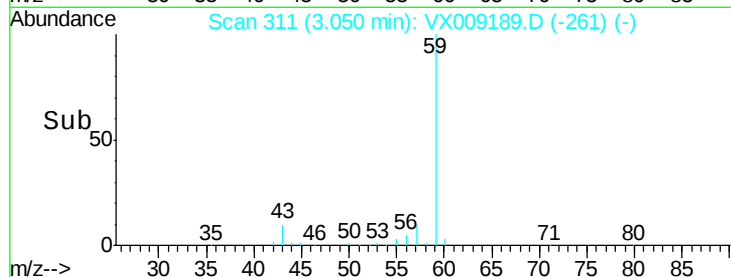
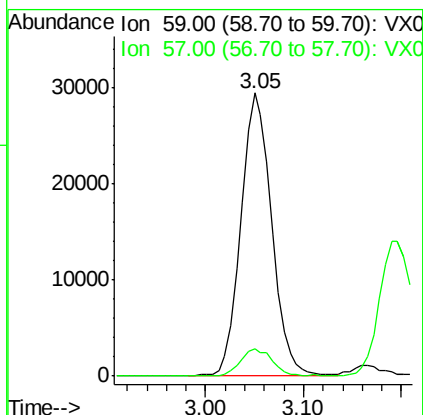
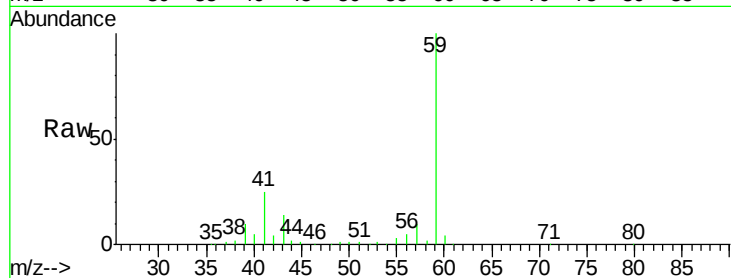


#11

Tert butyl alcohol
 Concen: 107.101 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

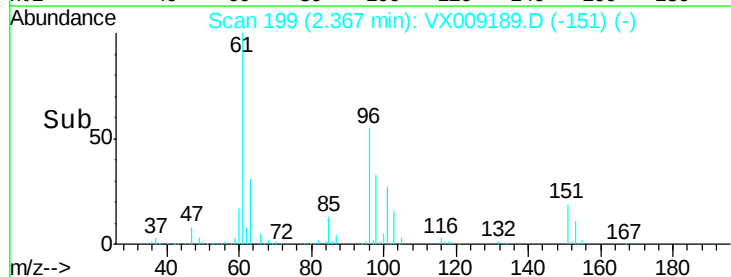
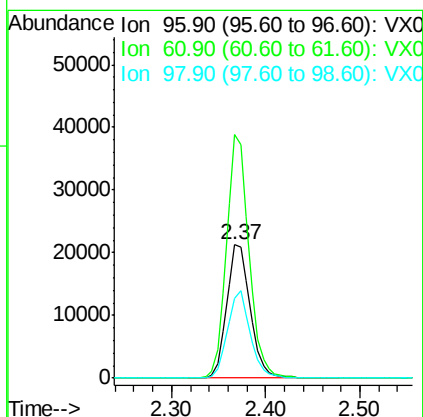
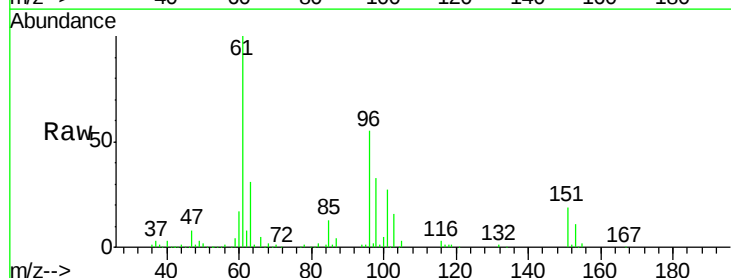
Tot Ion: 59 Resp: 64413
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

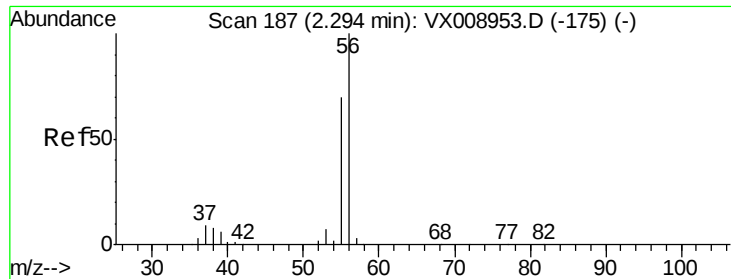


#12

1,1-Dichloroethene
 Concen: 17.879 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Tgt Ion: 96 Resp: 36862
 Ion Ratio Lower Upper
 96 100
 61 183.0 142.2 213.2
 98 59.6 50.9 76.3





#13

Acrolein

Concen: 127.142 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

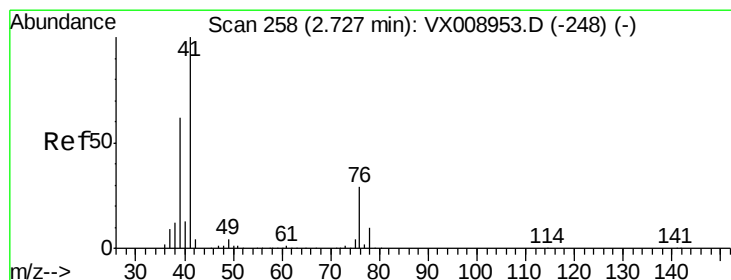
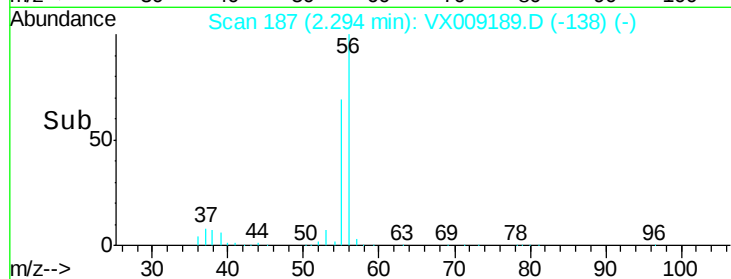
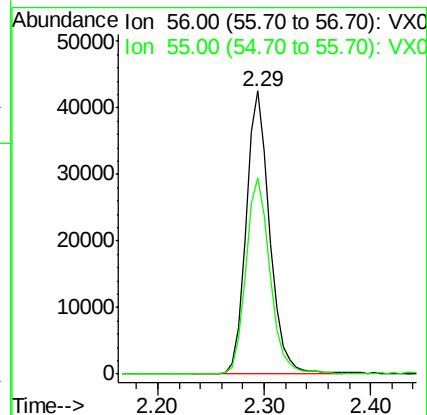
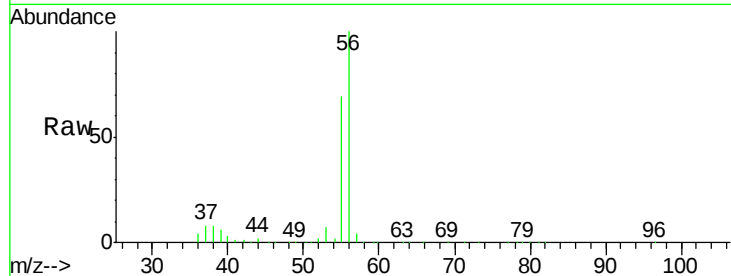
VX0426WBSD01

Tot Ion: 56 Resp: 66070

Ion Ratio Lower Upper

56 100

55 71.2 56.6 84.8



#14

Allyl chloride

Concen: 18.950 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

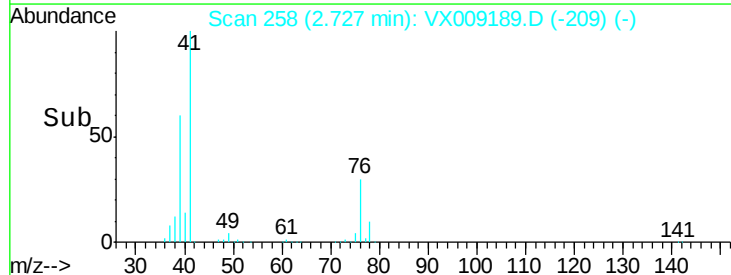
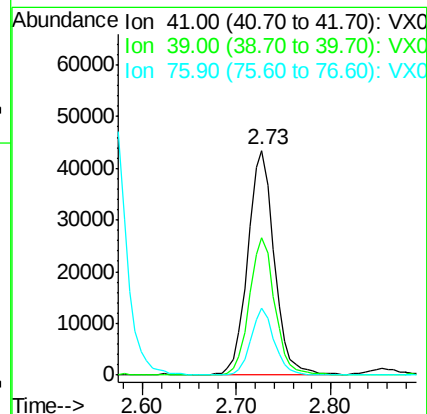
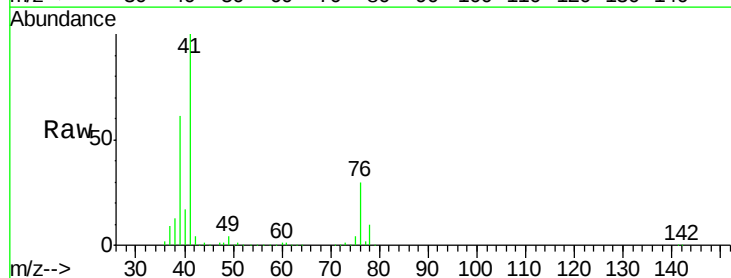
Tgt Ion: 41 Resp: 85240

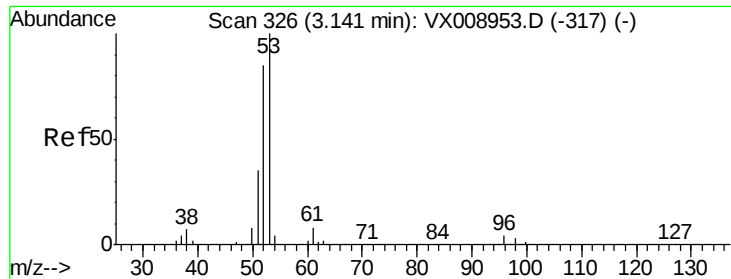
Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

76 26.6 22.0 33.0





#15

Acrylonitrile

Concen: 98.582 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

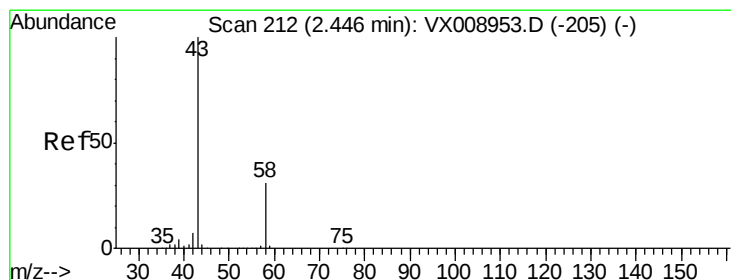
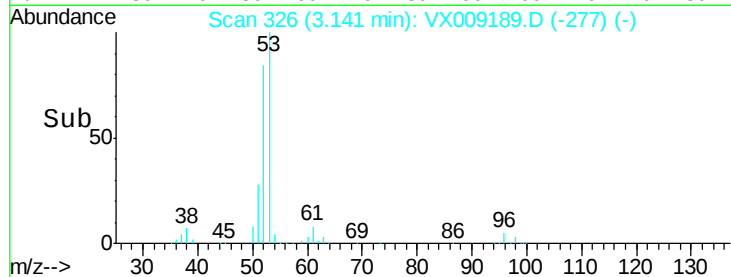
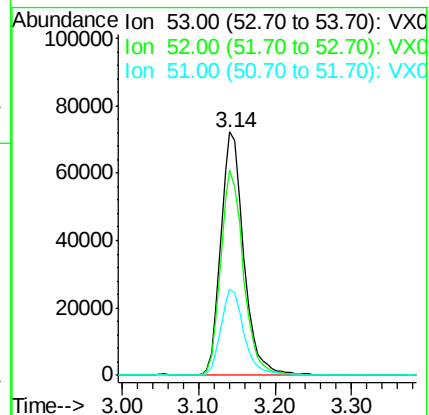
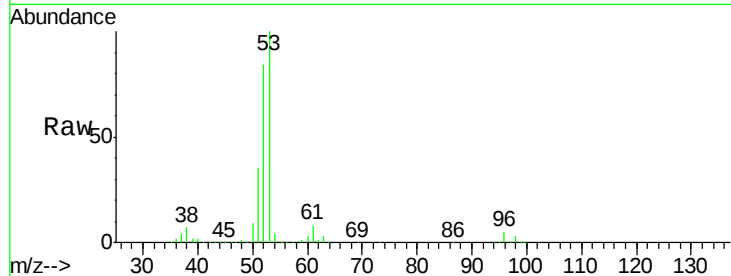
Tot Ion: 53 Resp: 150505

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

51 36.0 28.3 42.5



#16

Acetone

Concen: 94.450 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009189.D

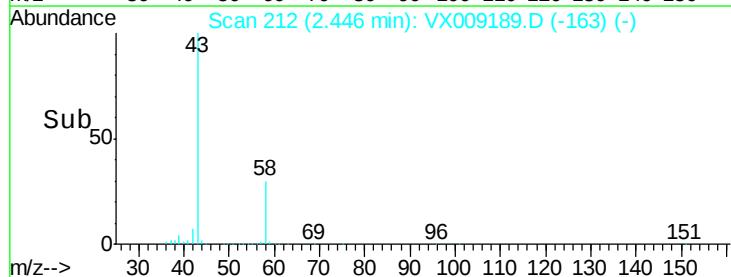
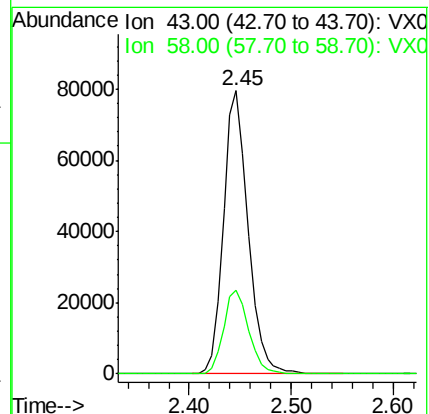
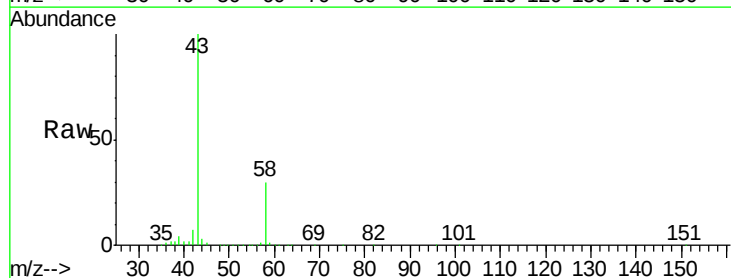
Acq: 26 Apr 2019 15:00

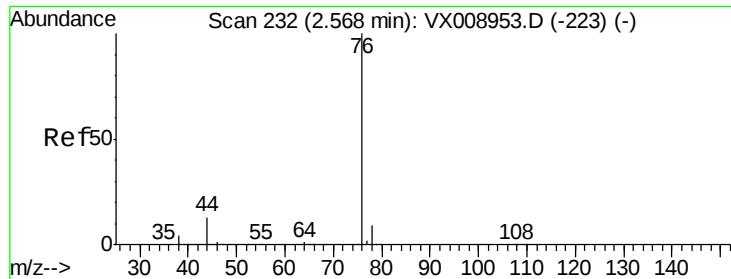
Tgt Ion: 43 Resp: 132707

Ion Ratio Lower Upper

43 100

58 29.5 24.8 37.2

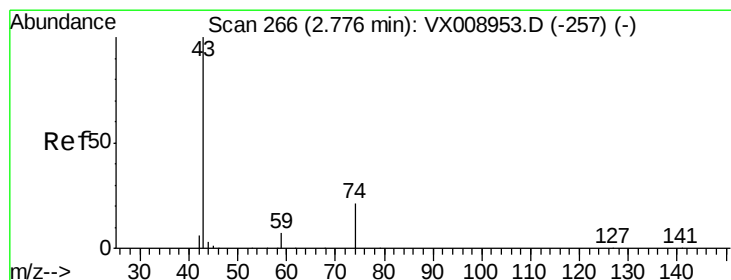
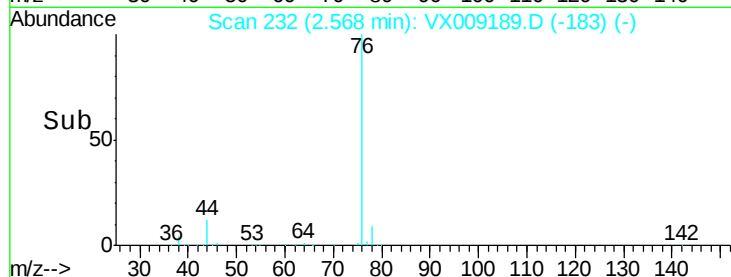
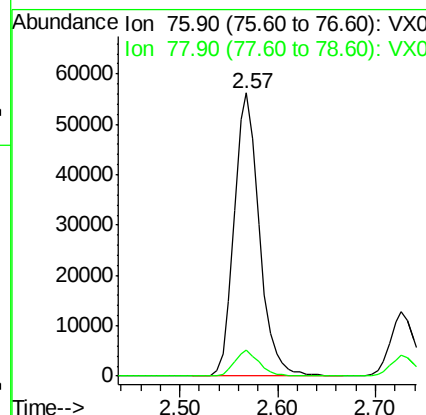
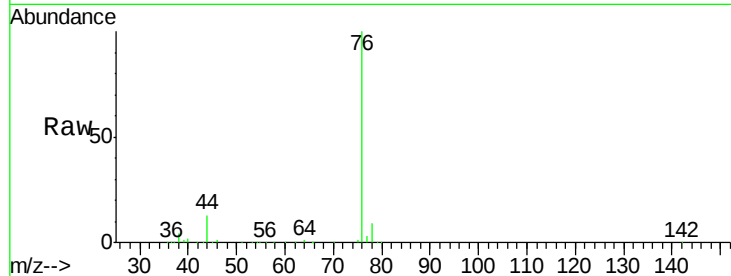




#17
Carbon Disulfide
Concen: 17.391 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

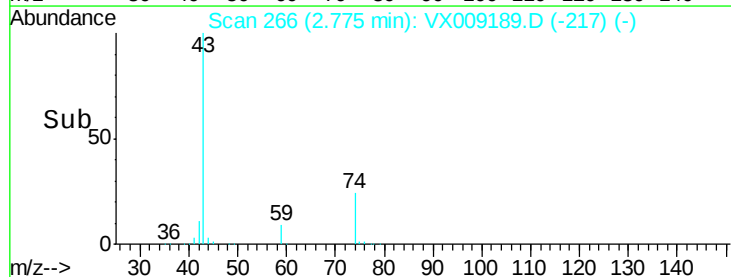
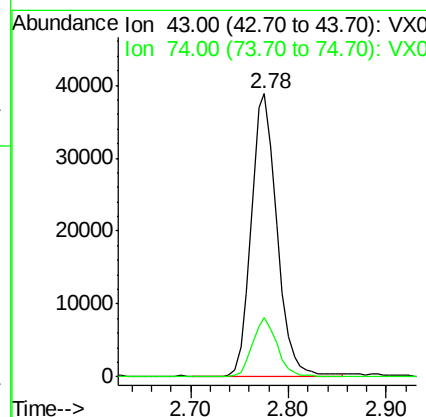
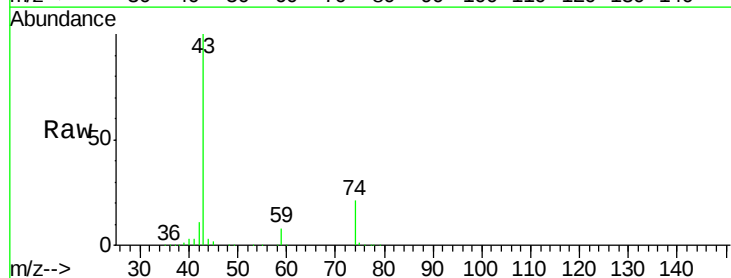
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

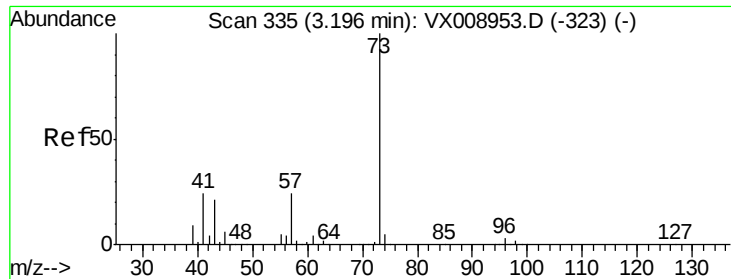
Tot Ion: 76 Resp: 100285
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 20.083 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion: 43 Resp: 70424
Ion Ratio Lower Upper
43 100
74 20.8 16.6 25.0

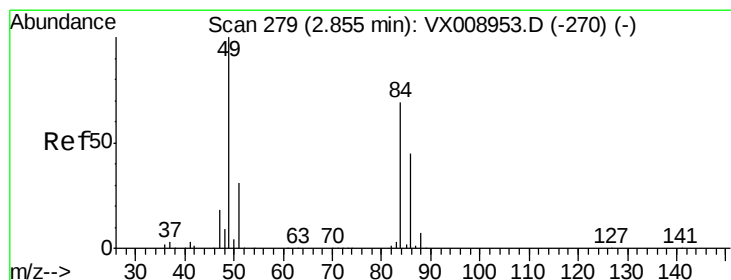
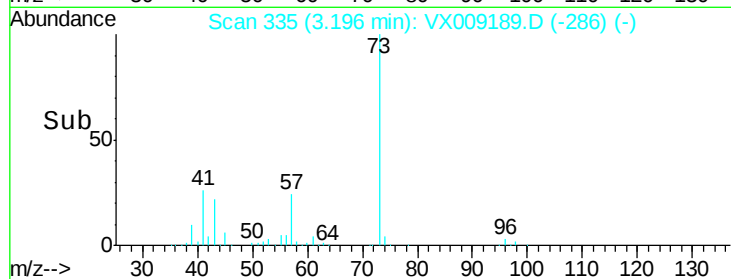
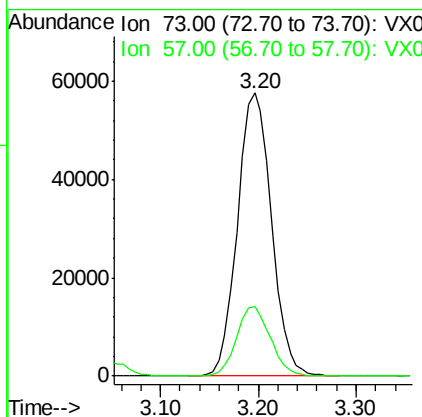
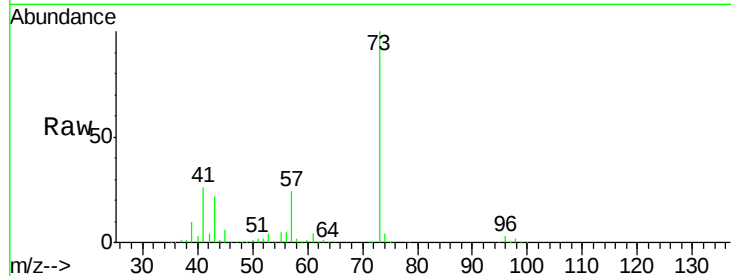




#19
Methvl tert-butvl Ether
Concen: 18.937 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

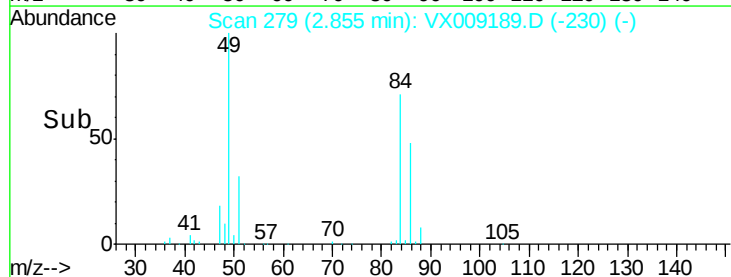
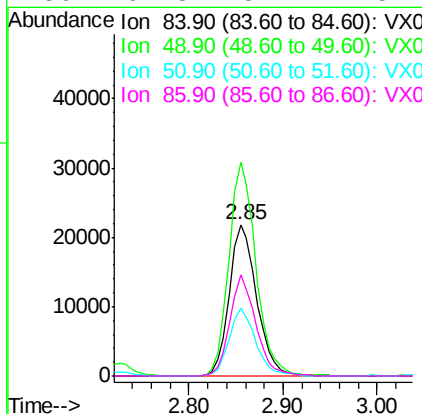
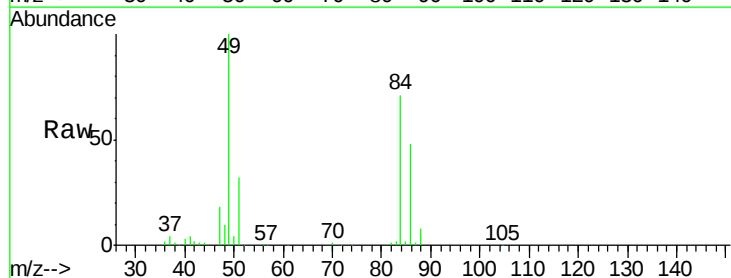
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

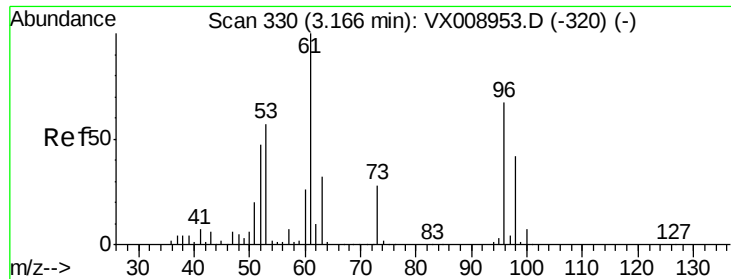
Tot Ion: 73 Resp: 139119
Ion Ratio Lower Upper
73 100
57 24.4 19.2 28.8



#20
Methylene Chloride
Concen: 18.376 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion: 84 Resp: 44155
Ion Ratio Lower Upper
84 100
49 141.4 115.4 173.0
51 44.7 35.8 53.6
86 67.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.172 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

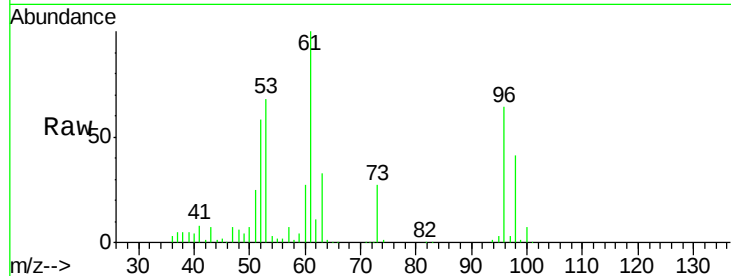
Tot Ion: 96 Resp: 37763

Ion Ratio Lower Upper

96 100

61 155.3 120.3 180.5

98 62.9 50.2 75.2

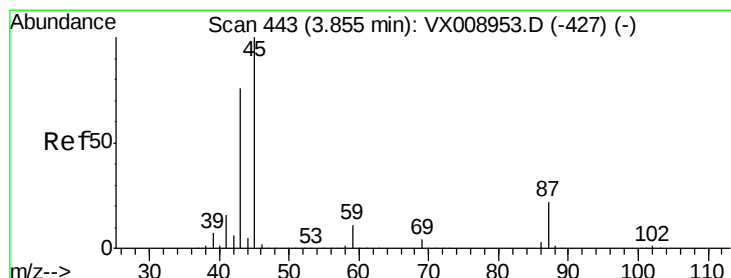
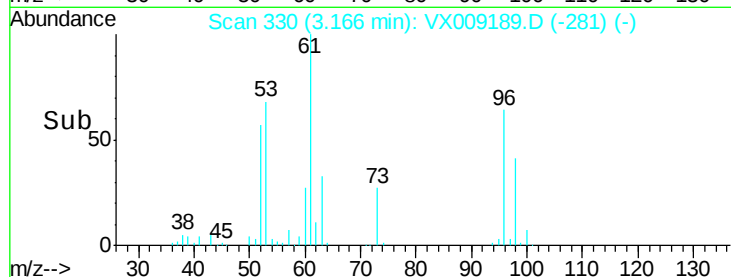
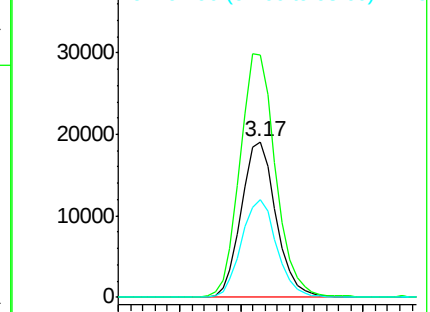


Abundance

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: 19.428 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Tgt Ion: 45 Resp: 169810

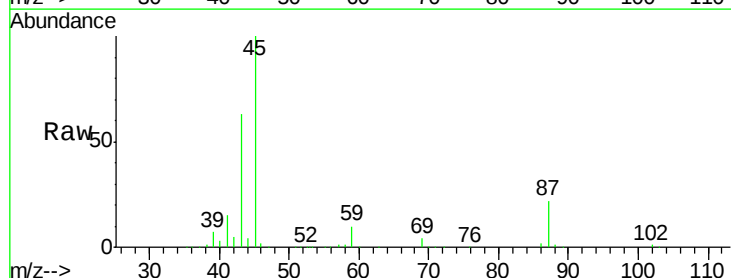
Ion Ratio Lower Upper

45 100

43 62.4 60.6 91.0

87 22.0 17.8 26.8

59 10.2 8.7 13.1



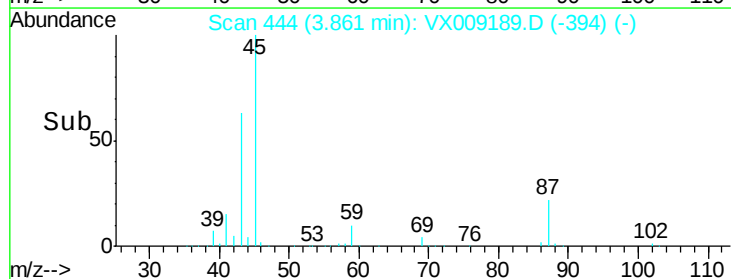
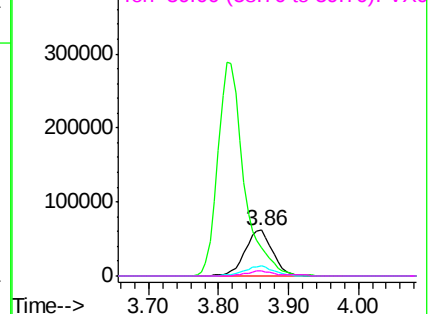
Abundance

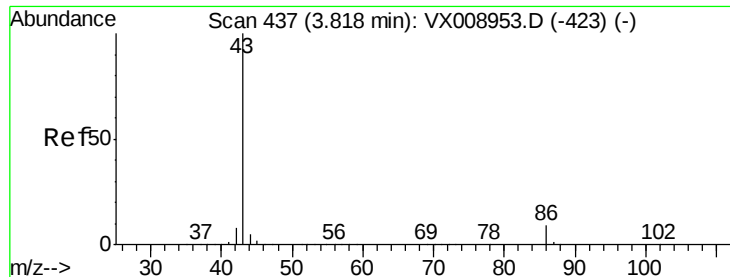
Ion 45.00 (44.70 to 45.70): VX0

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: 97.866 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

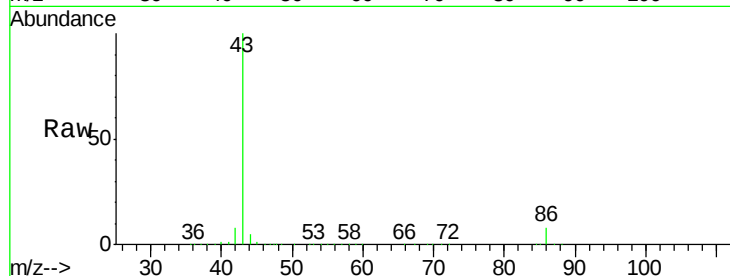
VX0426WBSD01

Tot Ion: 43 Resp: 751933

Ion Ratio Lower Upper

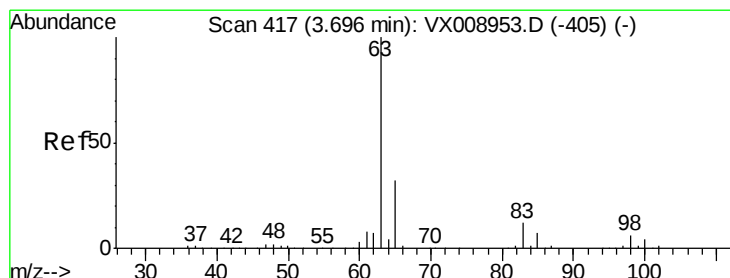
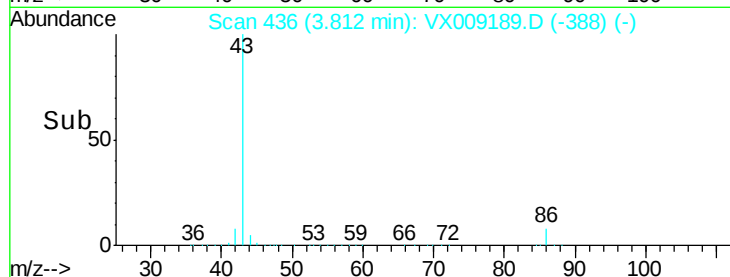
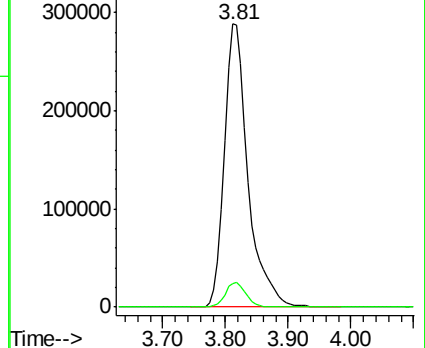
43 100

86 8.5 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.631 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

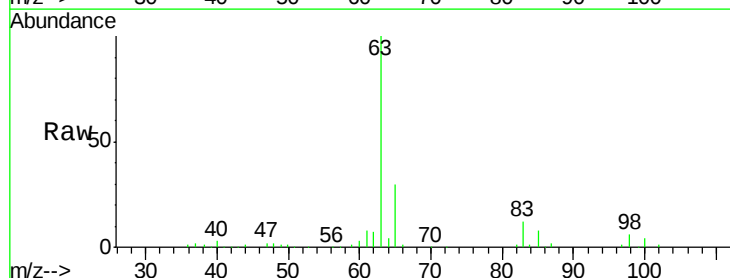
Tgt Ion: 63 Resp: 81745

Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

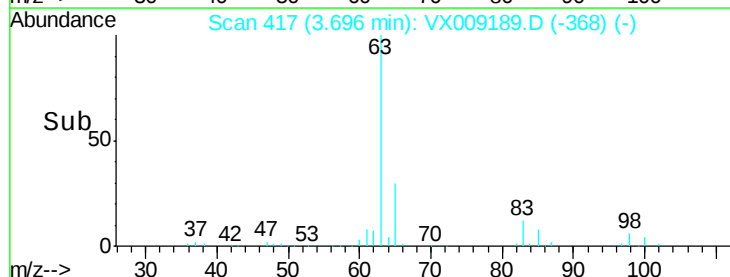
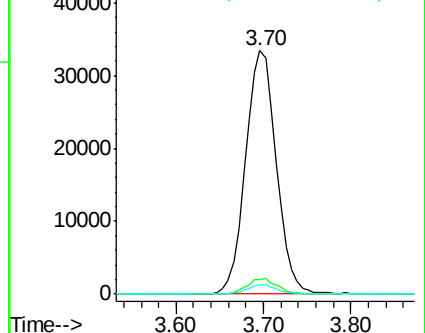
100 3.8 1.9 5.7

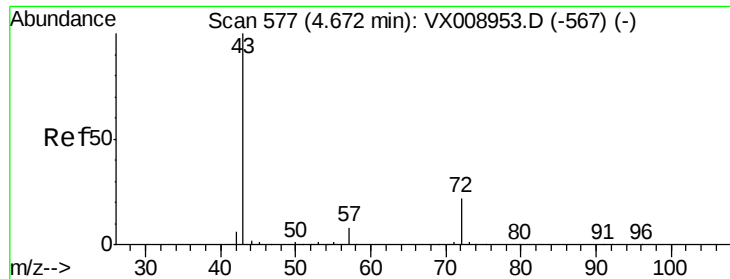


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.820 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

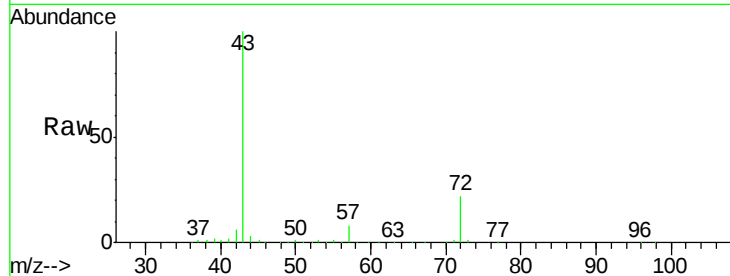
VX0426WBSD01

Tot Ion: 43 Resp: 226431

Ion Ratio Lower Upper

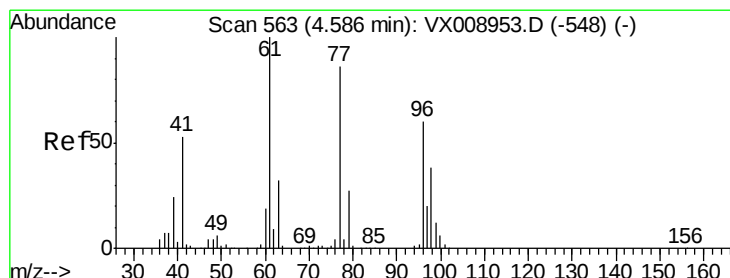
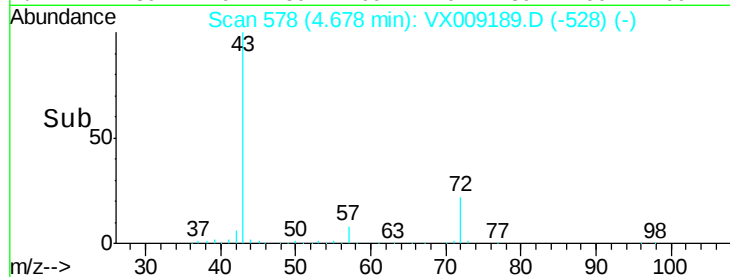
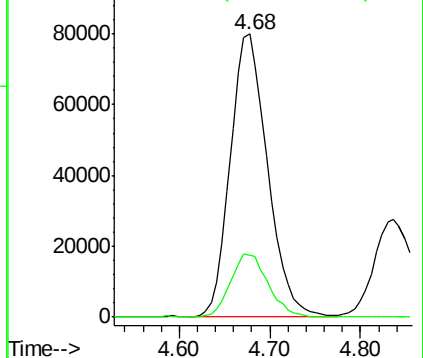
43 100

72 22.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.547 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009189.D

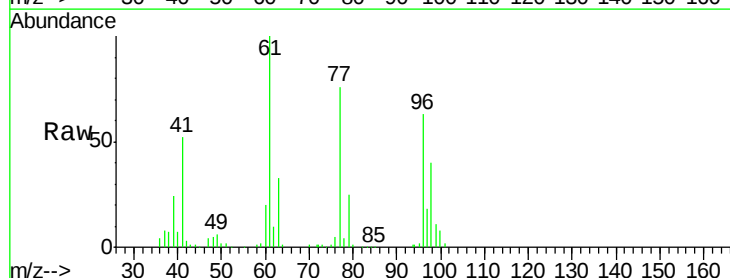
Acq: 26 Apr 2019 15:00

Tgt Ion: 77 Resp: 54421

Ion Ratio Lower Upper

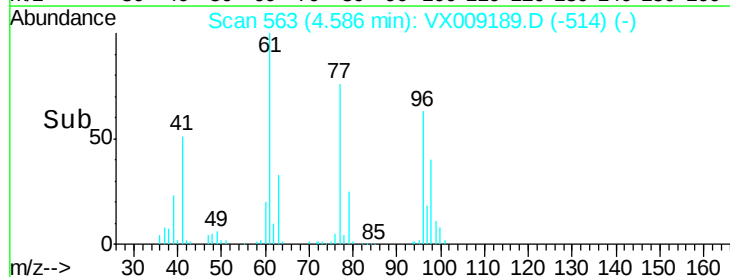
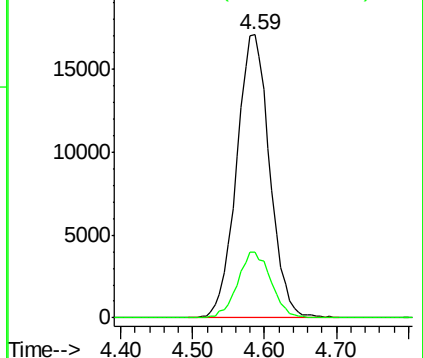
77 100

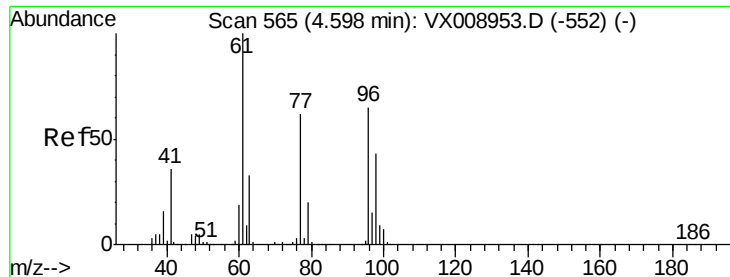
97 23.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



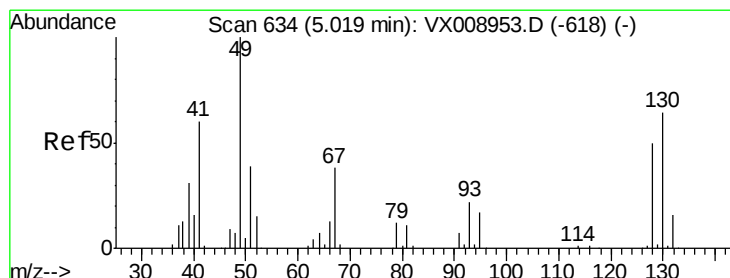
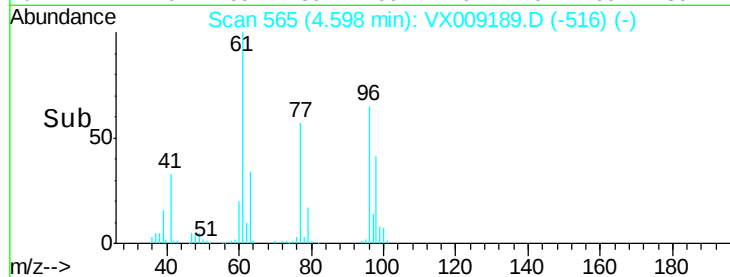
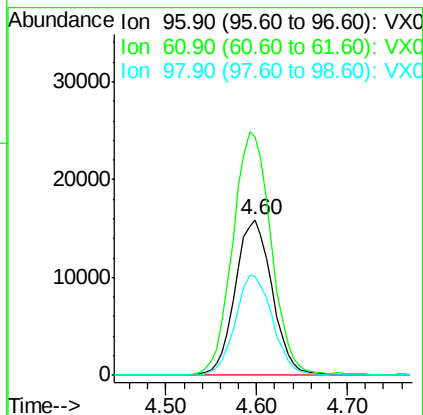
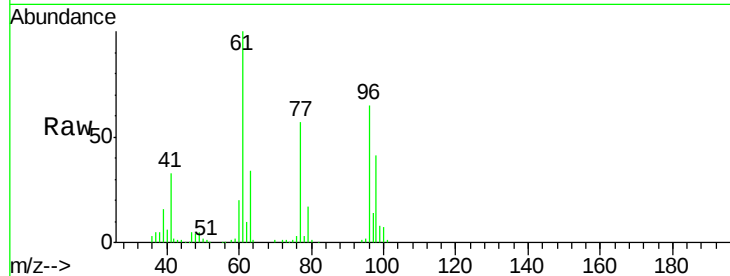


#27

cis-1,2-Dichloroethene
Concen: 18.027 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

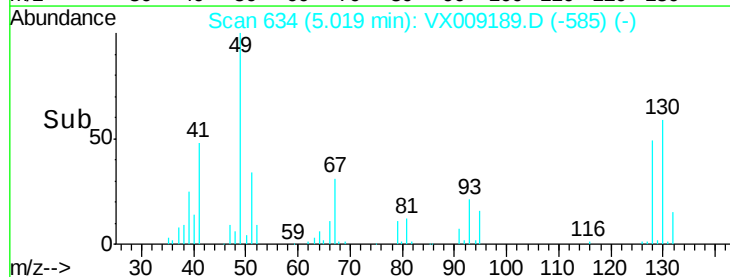
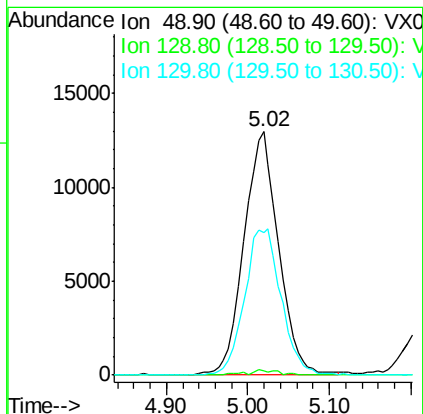
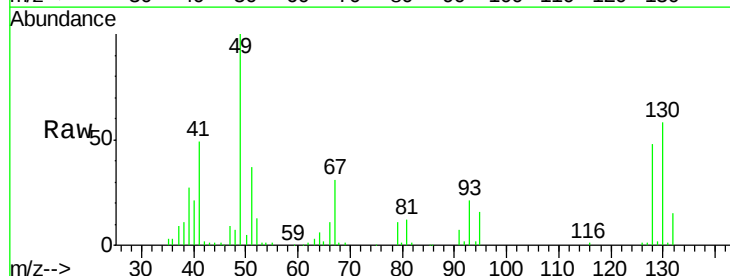
Tot Ion: 96 Resp: 45010
Ion Ratio Lower Upper
96 100
61 162.8 0.0 322.0
98 65.4 0.0 128.4

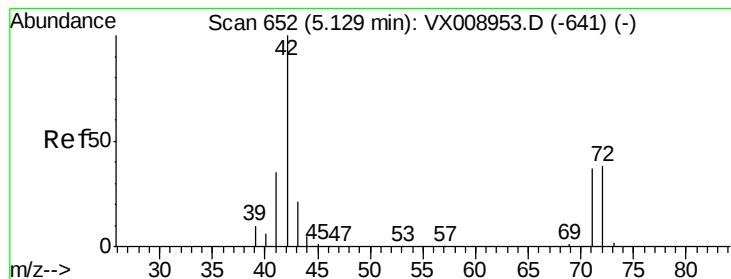


#28

Bromochloromethane
Concen: 19.814 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion: 49 Resp: 38233
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 63.3 50.4 75.6





#29

Tetrahydrofuran

Concen: 99.783 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

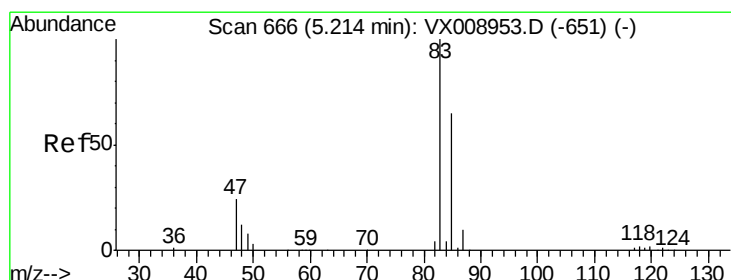
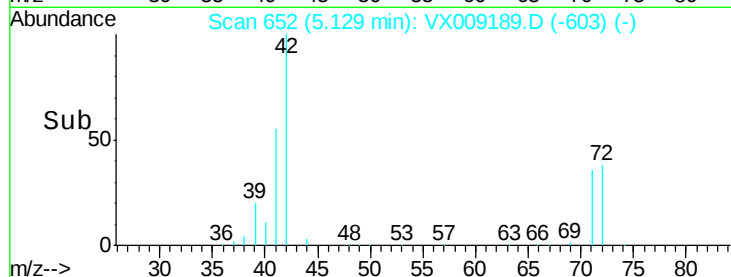
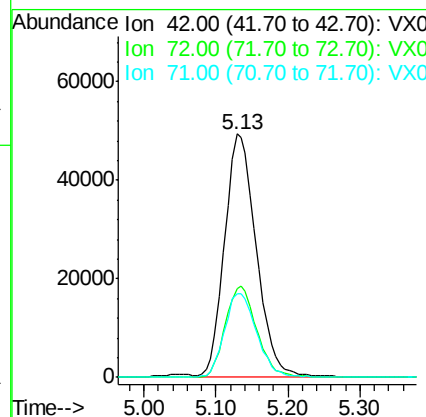
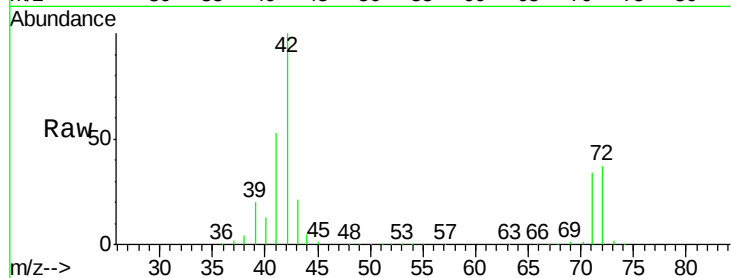
Tot Ion: 42 Resp: 149995

Ion Ratio Lower Upper

42 100

72 37.9 30.6 45.8

71 35.5 28.8 43.2



#30

Chloroform

Concen: 18.673 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009189.D

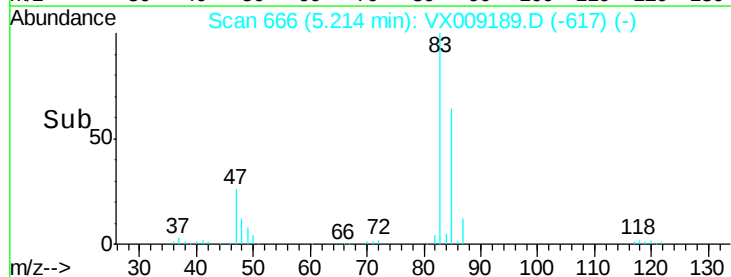
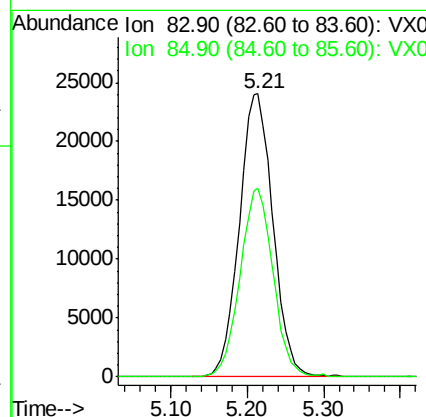
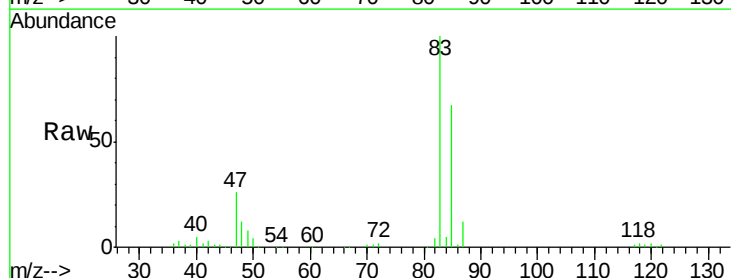
Acq: 26 Apr 2019 15:00

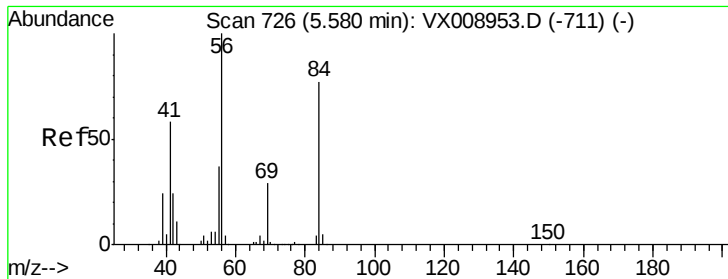
Tgt Ion: 83 Resp: 73317

Ion Ratio Lower Upper

83 100

85 66.6 51.9 77.9





#31

Cvclohexane

Concen: 17.923 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

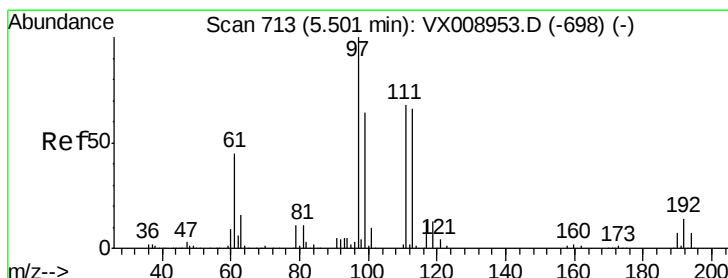
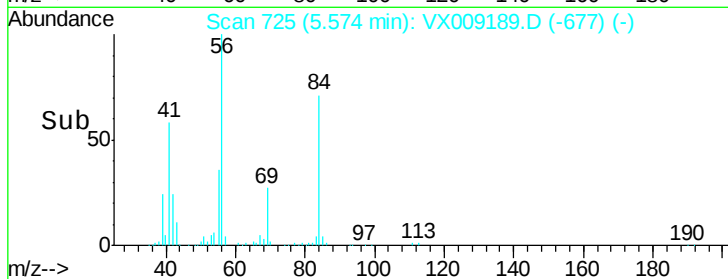
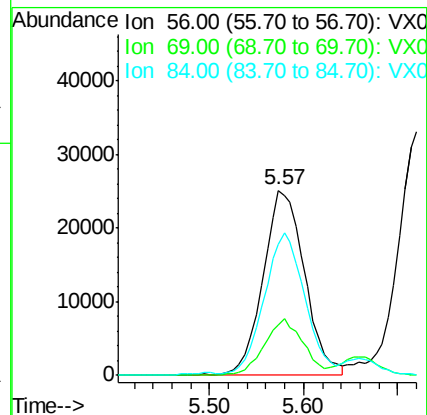
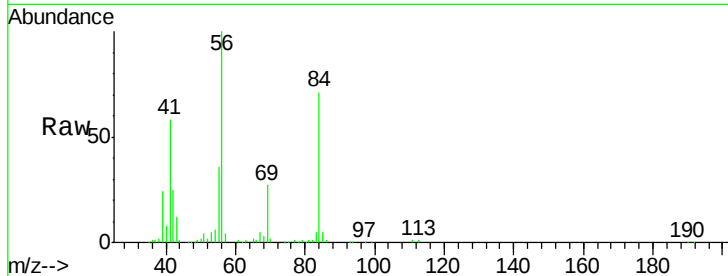
Tot Ion: 56 Resp: 77344

Ion Ratio Lower Upper

56 100

69 27.3 23.3 34.9

84 69.7 61.7 92.5



#32

1,1,1-Trichloroethane

Concen: 18.577 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

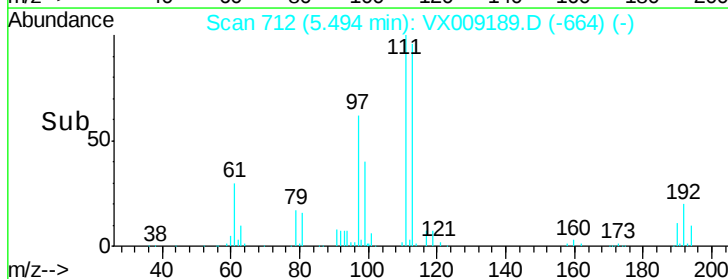
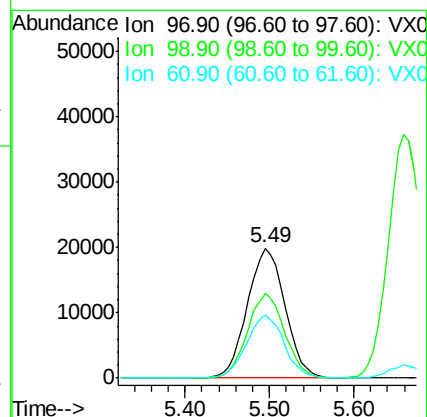
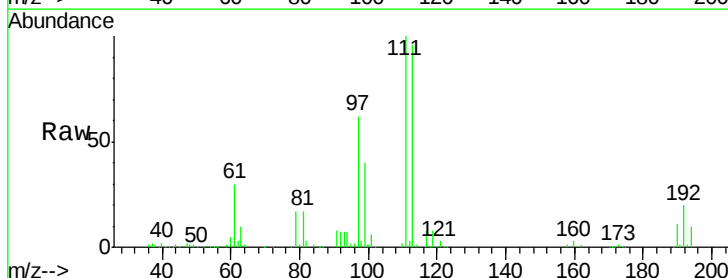
Tgt Ion: 97 Resp: 60453

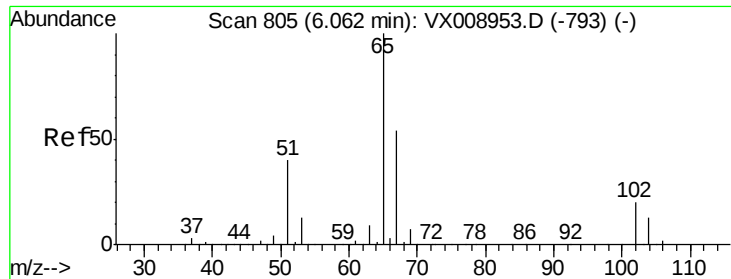
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

61 48.3 37.9 56.9

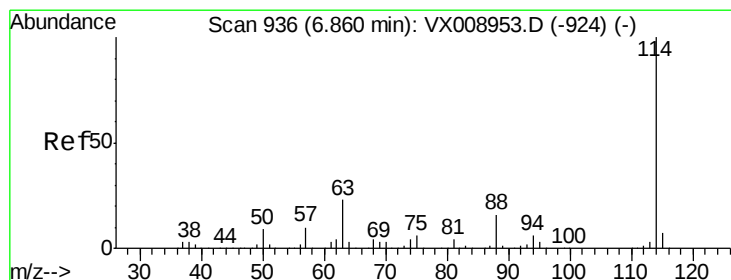
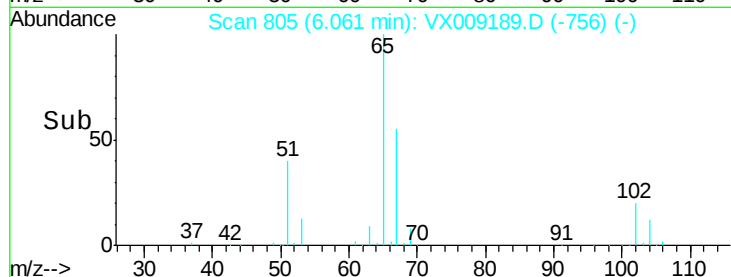
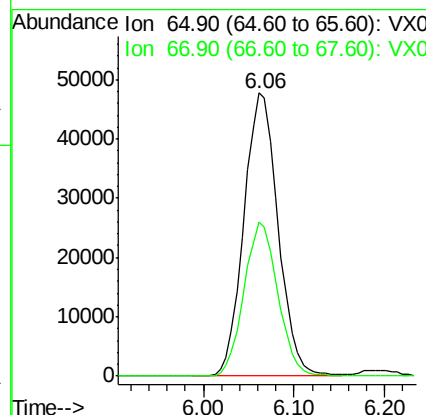
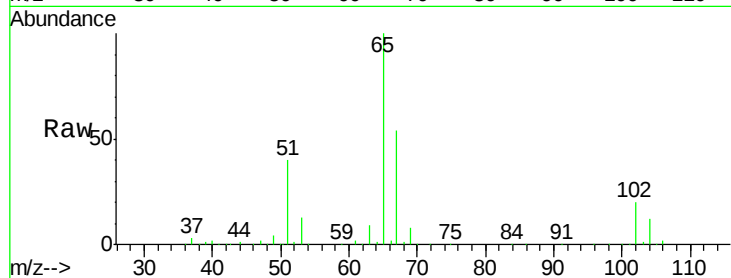




#33
 1,2-Dichloroethane-d4
 Concen: 46.026 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

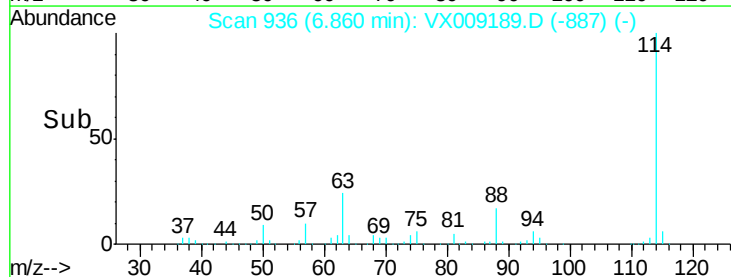
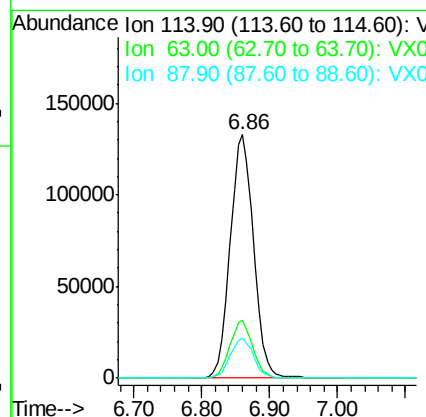
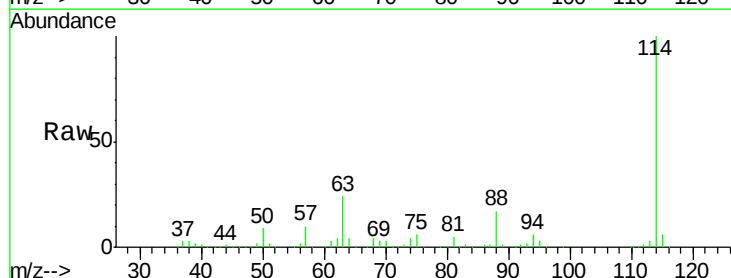
Instrument :
 MSVOA_X
 ClientSampled :
 VX0426WBSD01

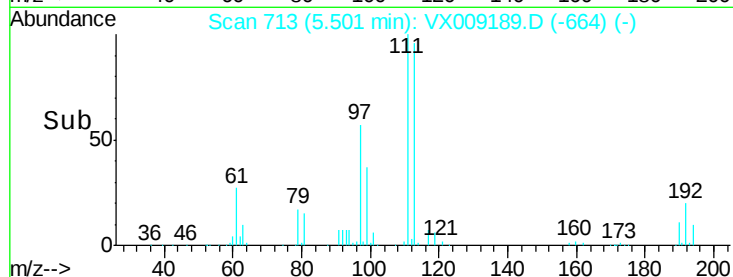
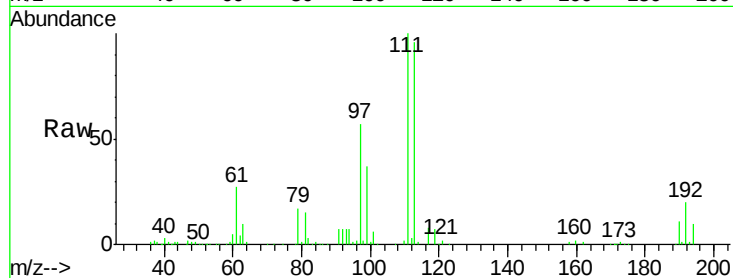
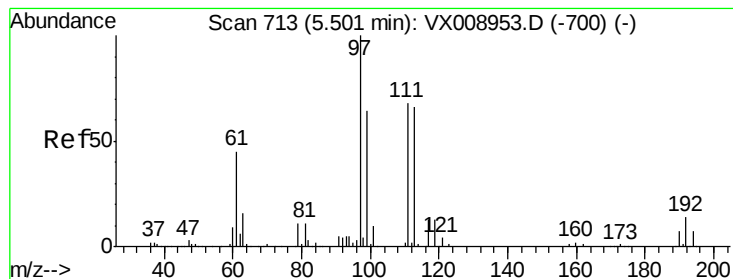
Tot Ion: 65 Resp: 124705
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Tgt Ion: 114 Resp: 316116
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 46.0
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.240 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

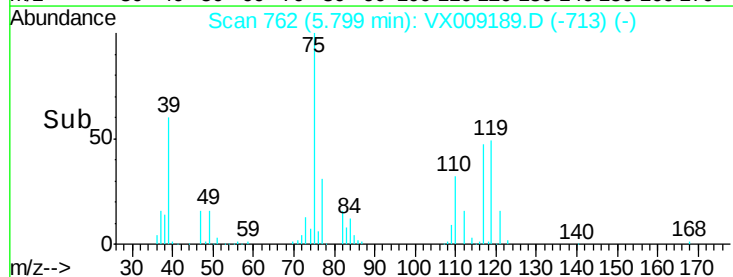
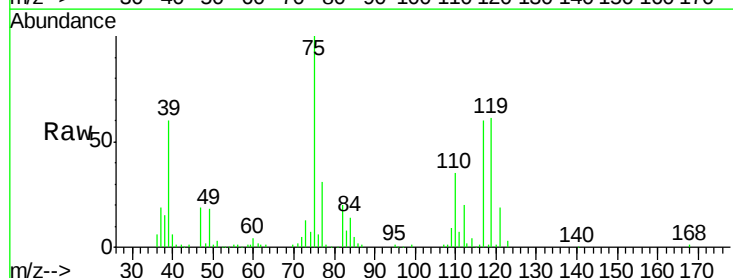
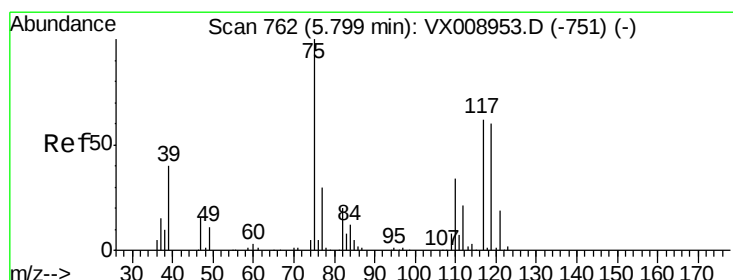
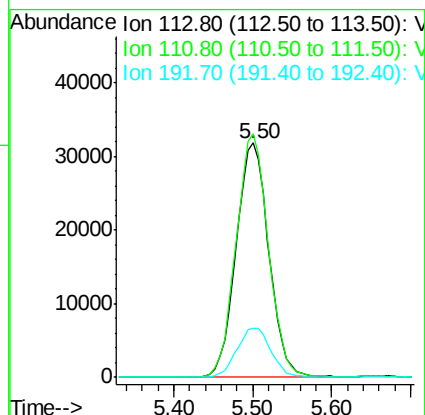
Tot Ion:113 Resp: 91781

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 21.9 17.4 26.0



#36

1,1-Dichloropropene

Concen: 16.952 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

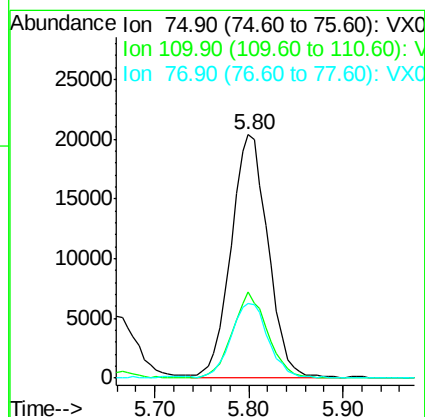
Tgt Ion: 75 Resp: 55421

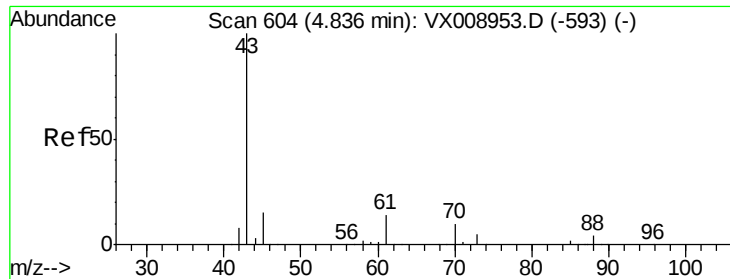
Ion Ratio Lower Upper

75 100

110 33.9 16.9 50.7

77 31.3 25.0 37.4

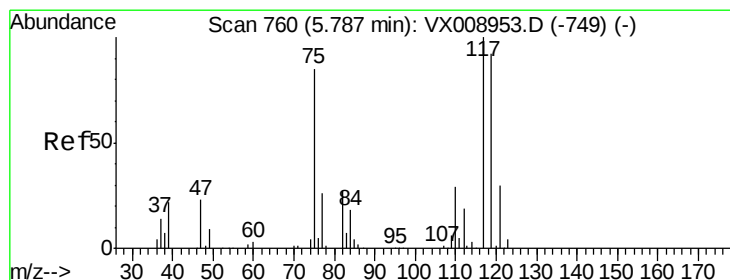
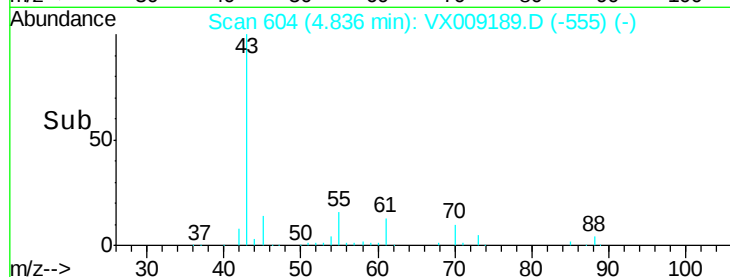
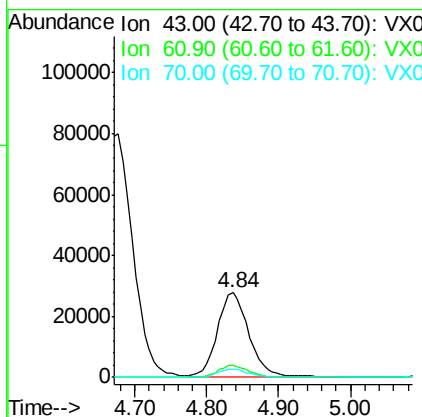
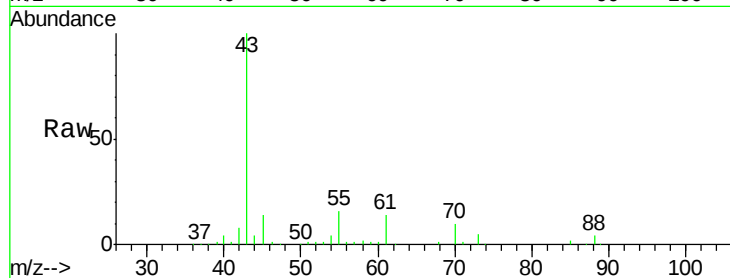




#37
Ethyl Acetate
Concen: 19.896 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

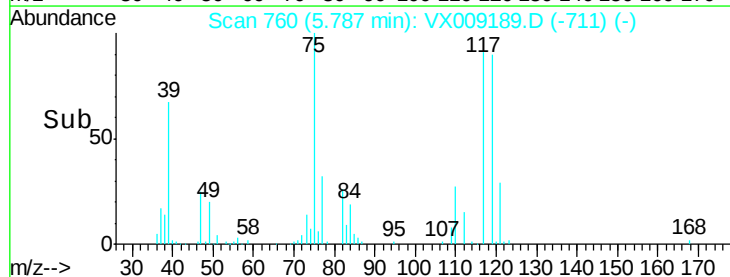
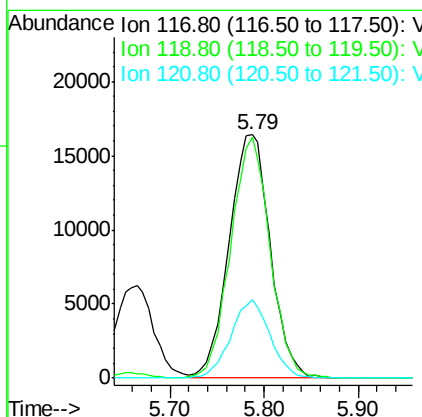
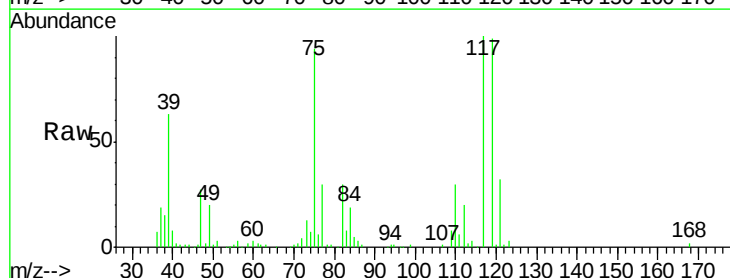
Instrument :
MSVOA_X
ClientSampled :
VX0426WBSD01

Tot Ion: 43 Resp: 83699
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 9.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.063 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion: 117 Resp: 50064
Ion Ratio Lower Upper
117 100
119 99.1 73.8 110.8
121 32.0 23.6 35.4

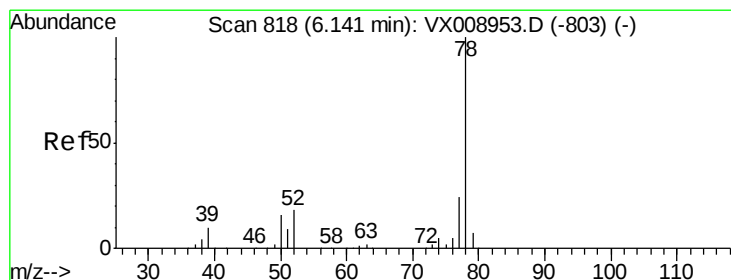
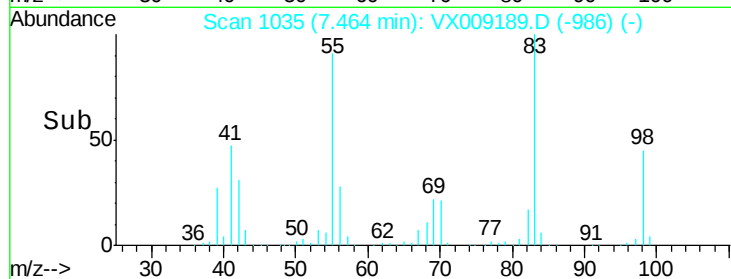
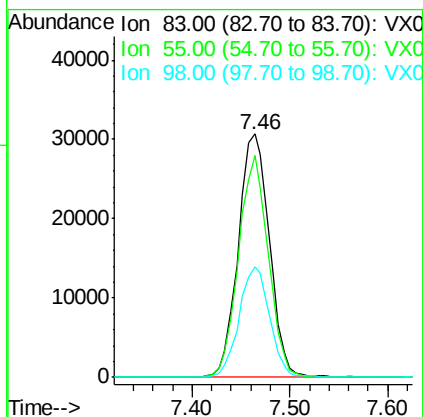
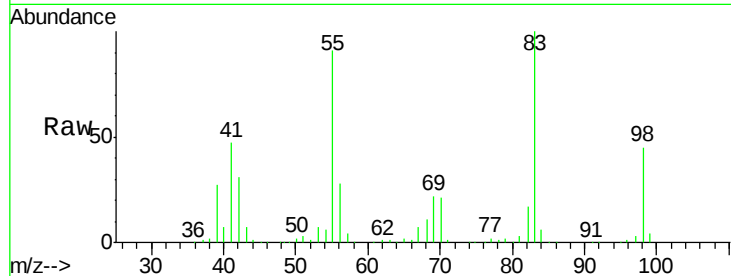




#39
Methvlcvclohexane
Concen: 17.066 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

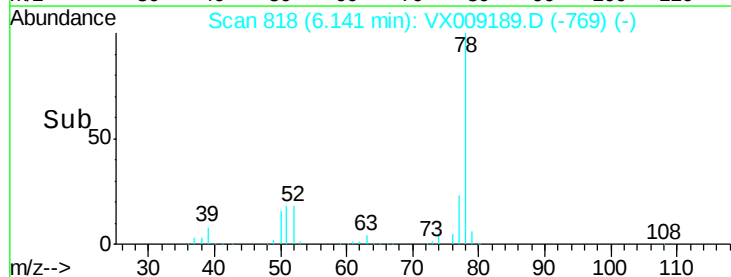
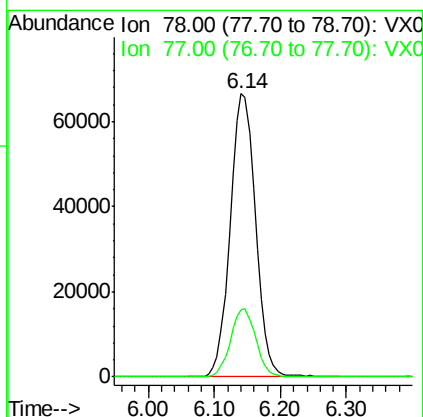
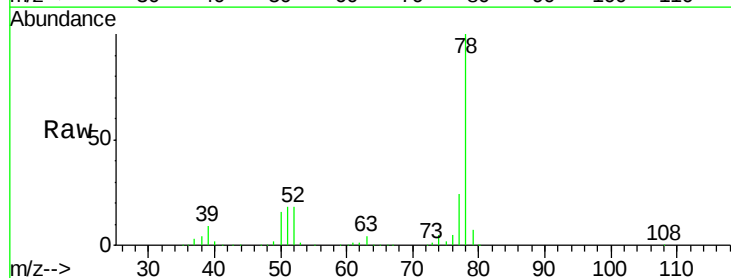
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

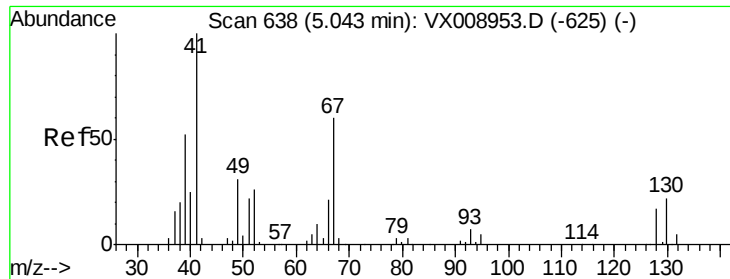
Tot Ion: 83 Resp: 67932
Ion Ratio Lower Upper
83 100
55 91.1 67.1 100.7
98 45.3 35.1 52.7



#40
Benzene
Concen: 18.390 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion: 78 Resp: 177365
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41

Methacrylonitrile

Concen: 19.901 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

Tot Ion: 41 Resp: 48049

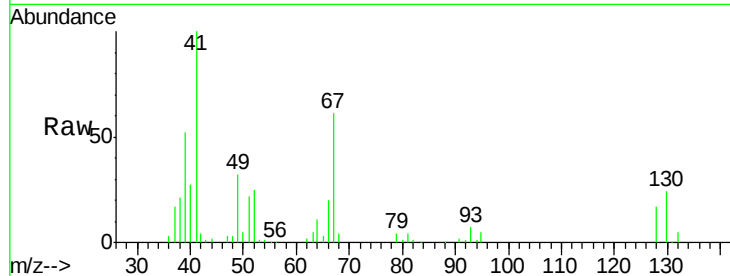
Ion Ratio Lower Upper

41 100

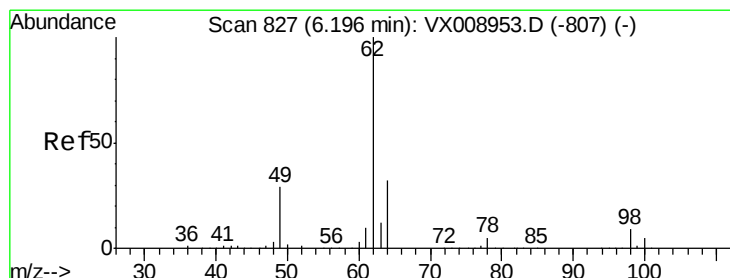
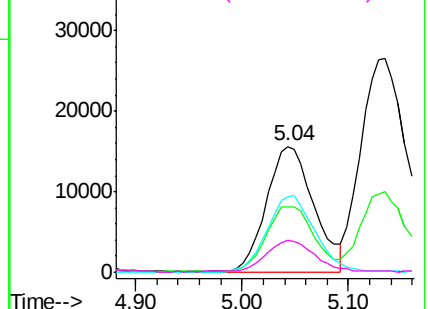
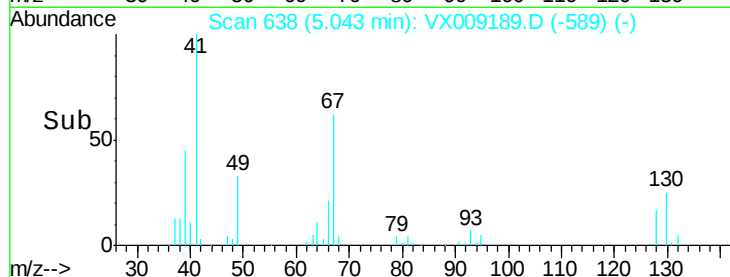
39 53.0 41.8 62.6

67 61.9 50.2 75.4

52 25.6 21.1 31.7



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



#42

1,2-Dichloroethane

Concen: 18.311 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009189.D

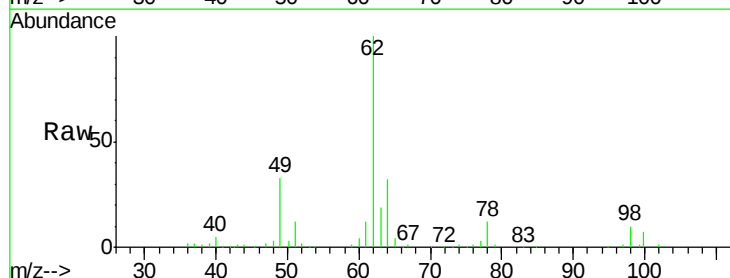
Acq: 26 Apr 2019 15:00

Tgt Ion: 62 Resp: 62560

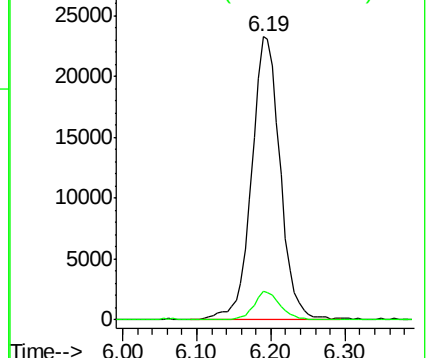
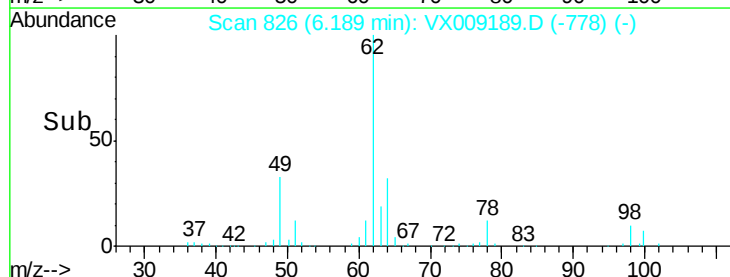
Ion Ratio Lower Upper

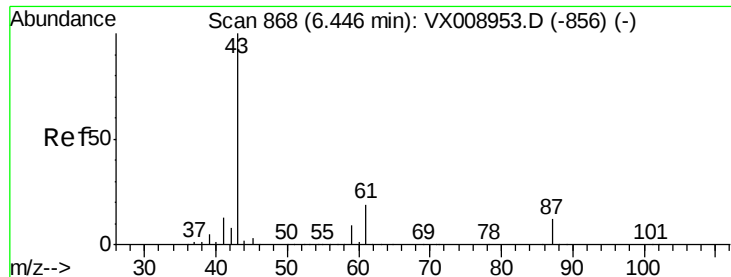
62 100

98 9.1 0.0 18.4



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



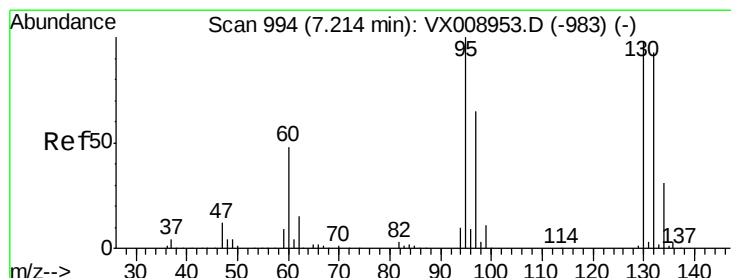
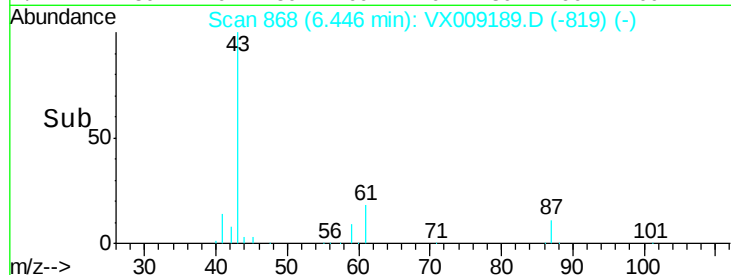
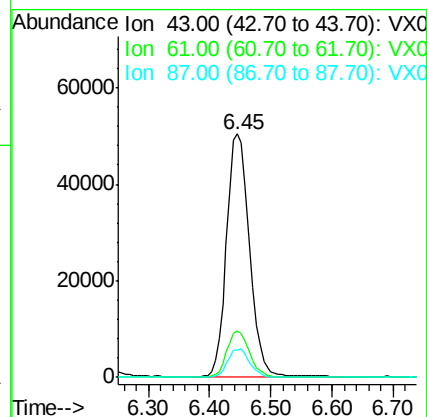
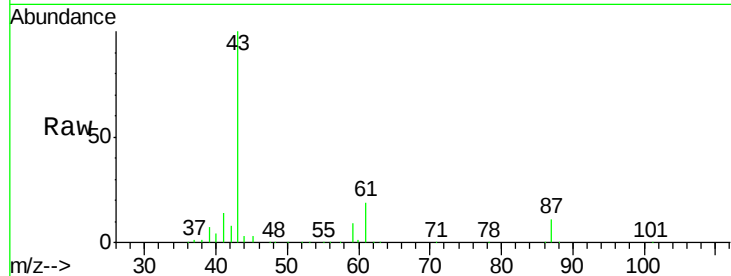


#43

Isopropyl Acetate
 Concen: 19.263 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

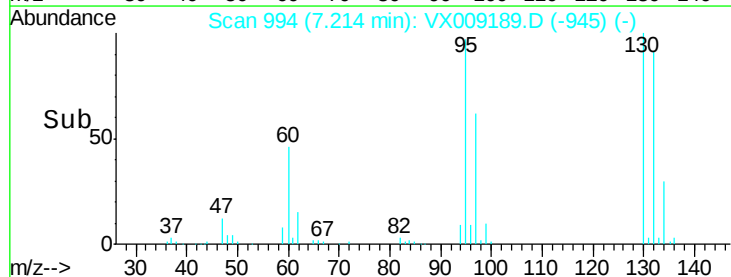
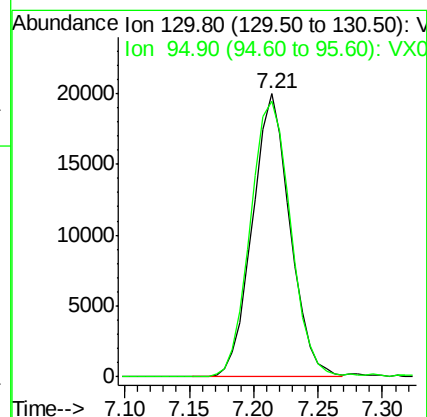
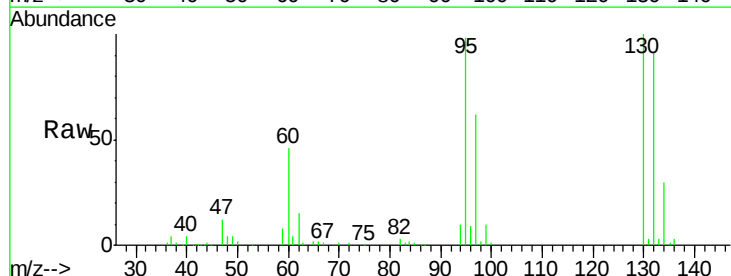
Tot Ion: 43 Resp: 130589
 Ion Ratio Lower Upper
 43 100
 61 18.9 15.4 23.0
 87 11.3 9.0 13.4

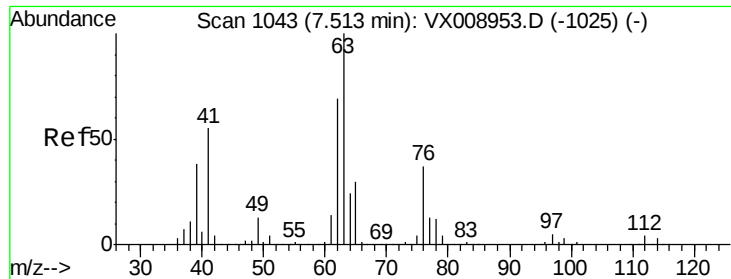


#44

Trichloroethene
 Concen: 17.080 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Tgt Ion:130 Resp: 40362
 Ion Ratio Lower Upper
 130 100
 95 97.6 0.0 203.2





#45

1,2-Dichloropropane

Concen: 18.783 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampled :

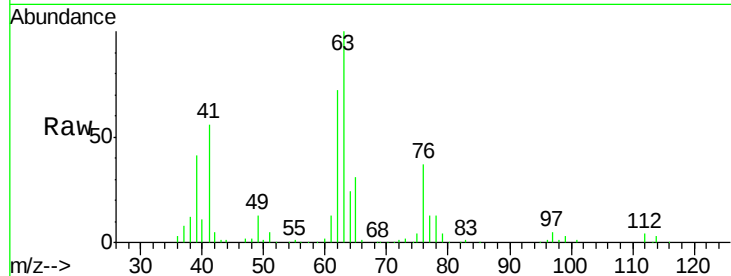
VX0426WBSD01

Tot Ion: 63 Resp: 50258

Ion Ratio Lower Upper

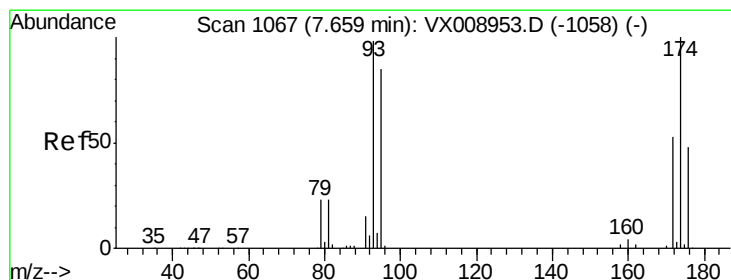
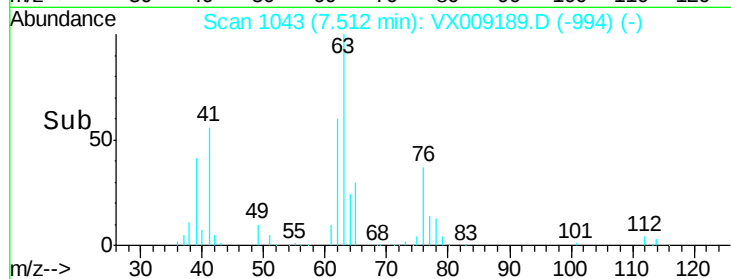
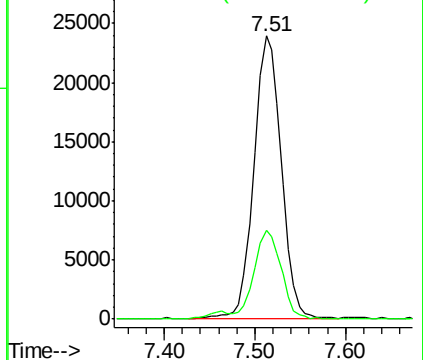
63 100

65 31.1 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.304 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

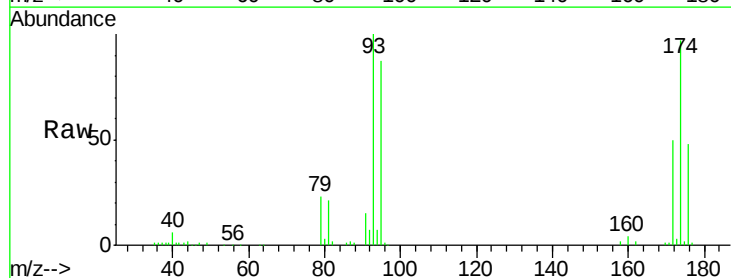
Tgt Ion: 93 Resp: 28502

Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.4

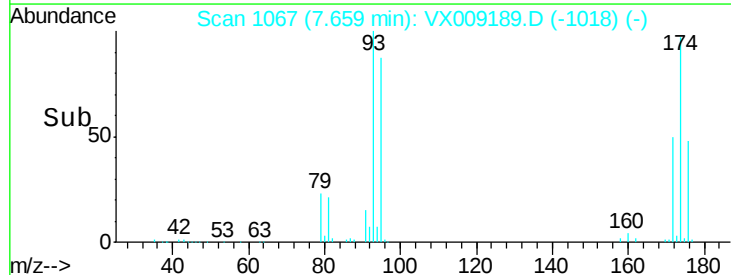
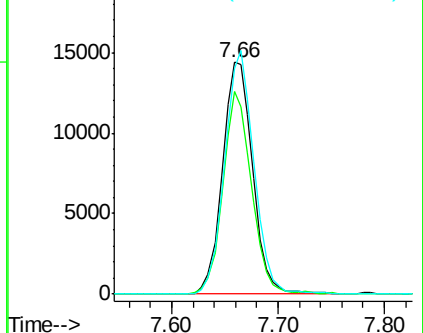
174 102.2 81.6 122.4

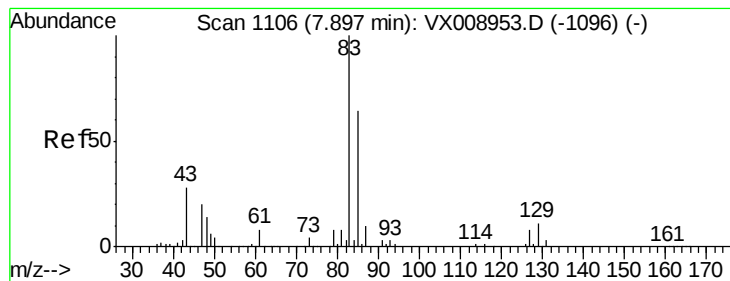


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.271 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

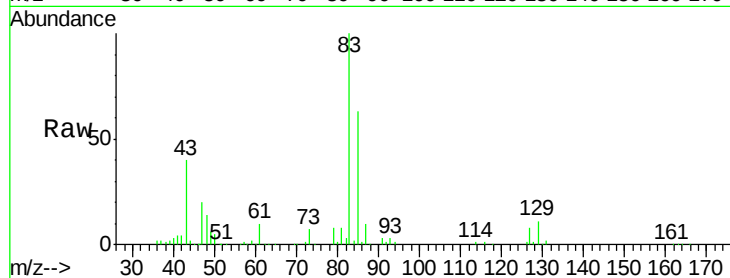
Tot Ion: 83 Resp: 55805

Ion Ratio Lower Upper

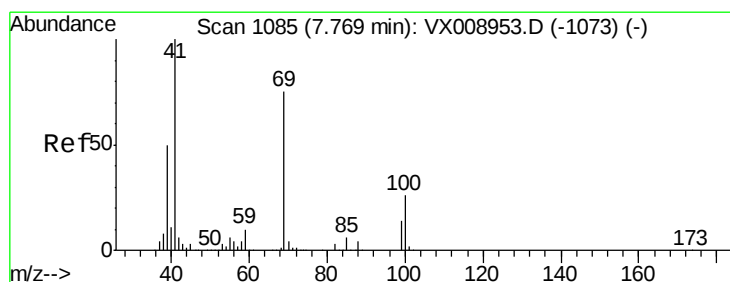
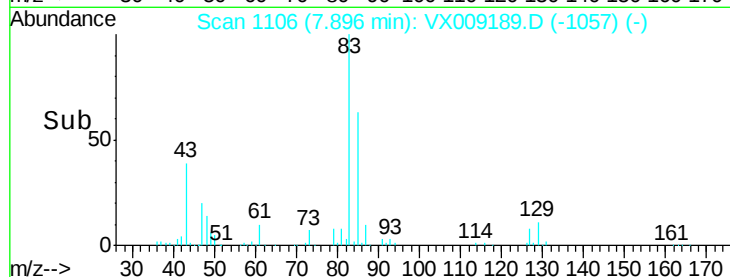
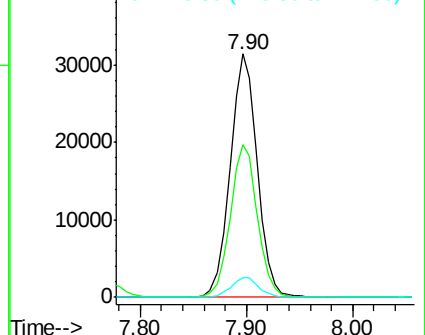
83 100

85 62.7 50.8 76.2

127 8.3 6.4 9.6



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: 19.704 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

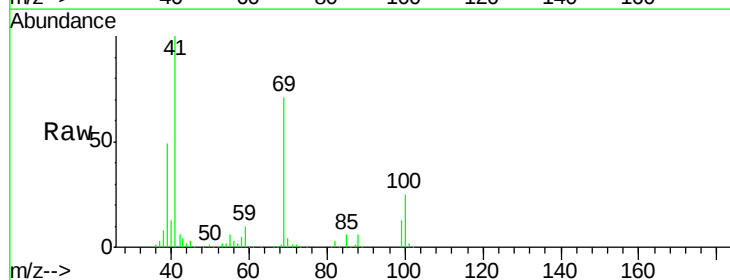
Tgt Ion: 41 Resp: 66003

Ion Ratio Lower Upper

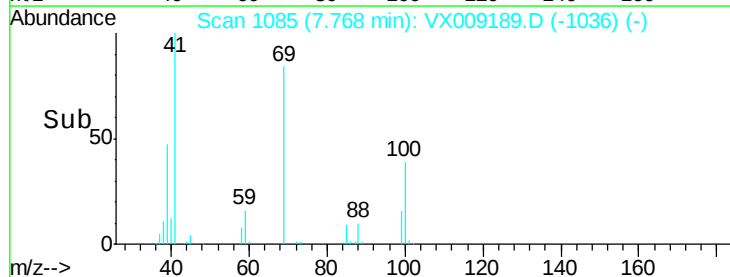
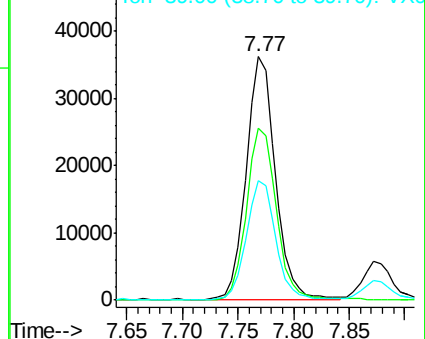
41 100

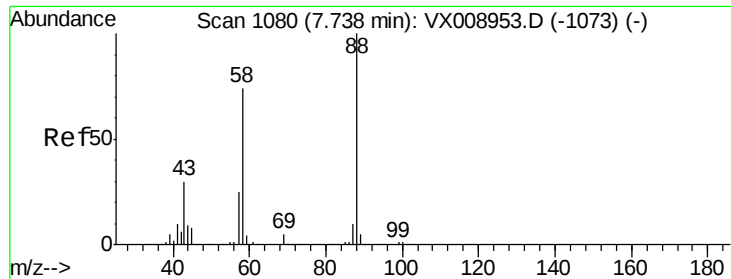
69 72.8 59.4 89.2

39 48.9 39.8 59.6



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

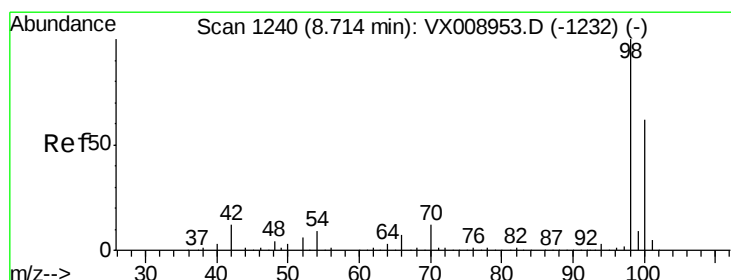
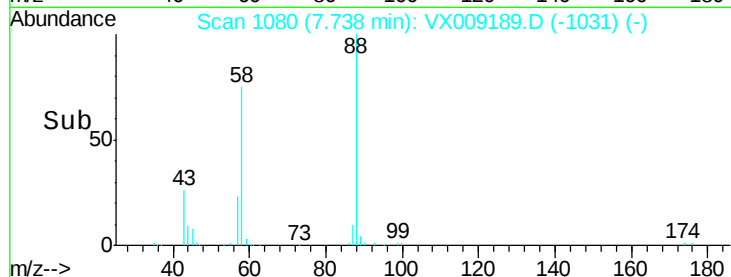
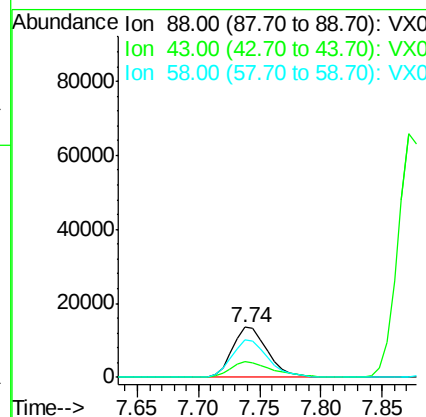
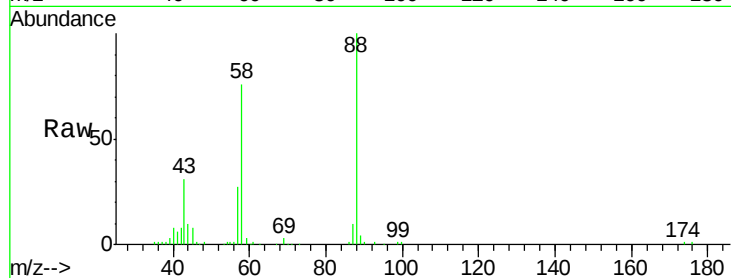




#49
1,4-Dioxane
Concen: 433.305 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

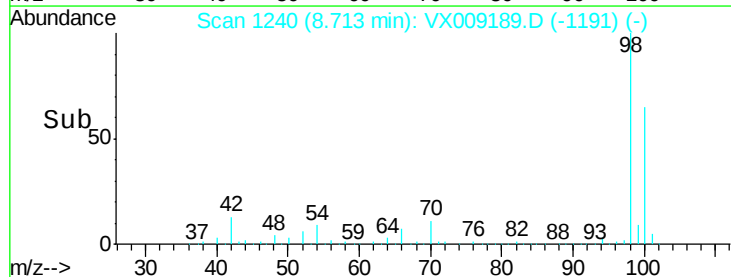
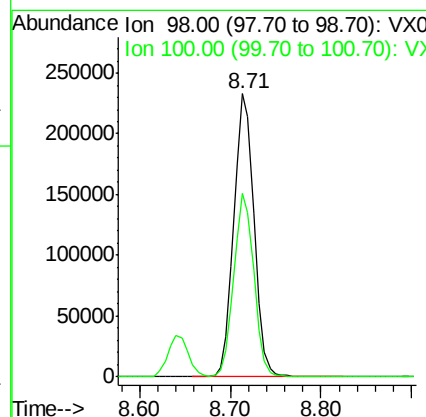
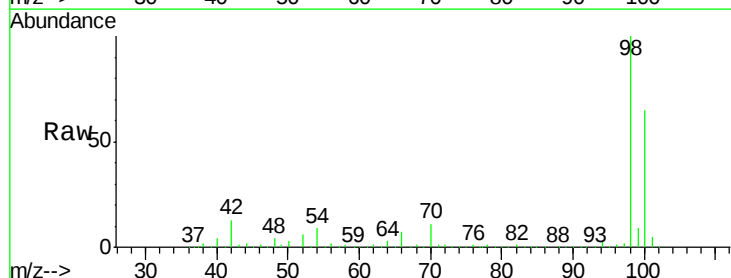
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

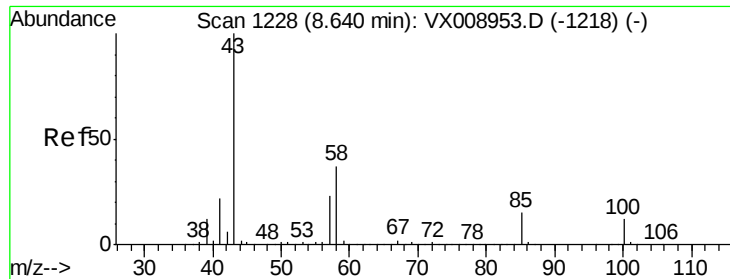
Tot Ion: 88 Resp: 27167
Ion Ratio Lower Upper
88 100
43 35.2 29.3 43.9
58 78.1 62.6 93.8



#50
Toluene-d8
Concen: 44.568 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion: 98 Resp: 360590
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 100.823 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

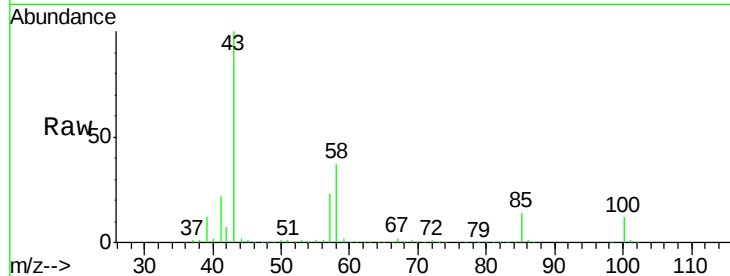
VX0426WBSD01

Tot Ion: 43 Resp: 435451

Ion Ratio Lower Upper

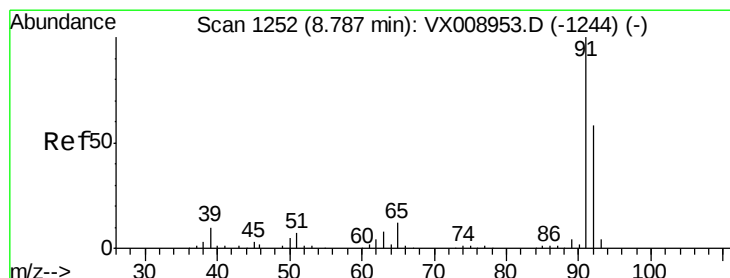
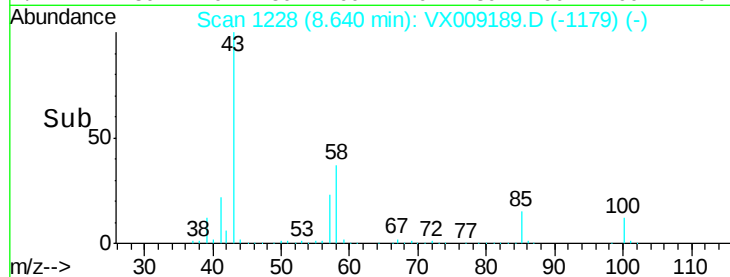
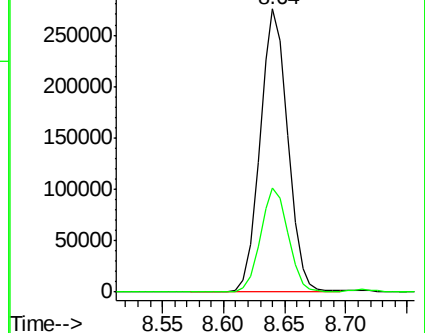
43 100

58 36.7 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.418 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009189.D

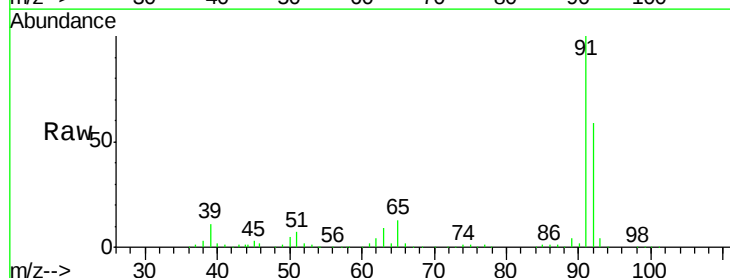
Acq: 26 Apr 2019 15:00

Tgt Ion: 92 Resp: 106463

Ion Ratio Lower Upper

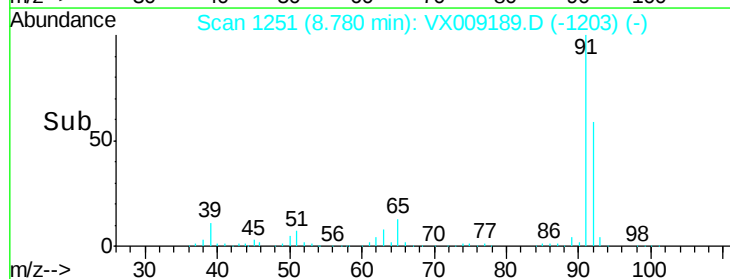
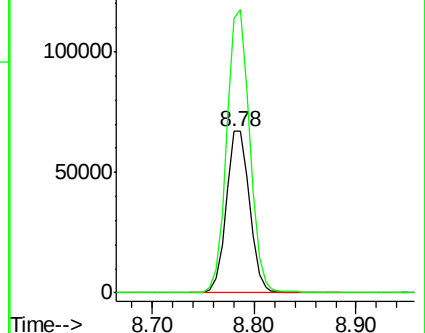
92 100

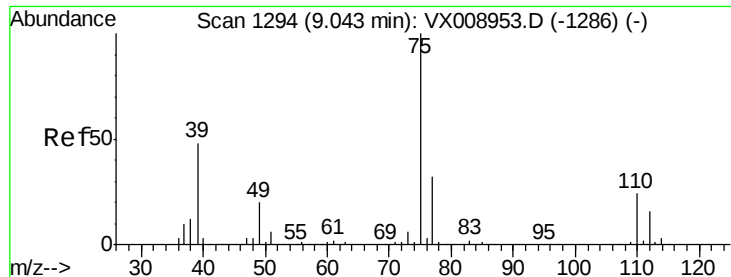
91 172.5 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.779 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

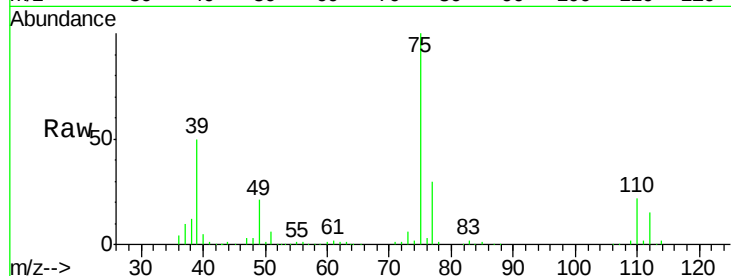
VX0426WBSD01

Tot Ion: 75 Resp: 62494

Ion Ratio Lower Upper

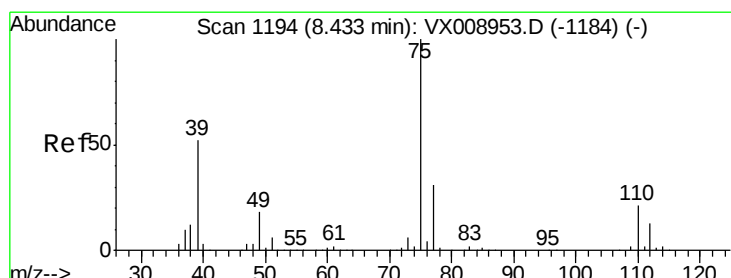
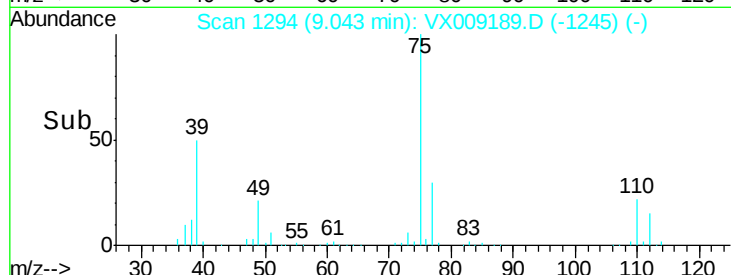
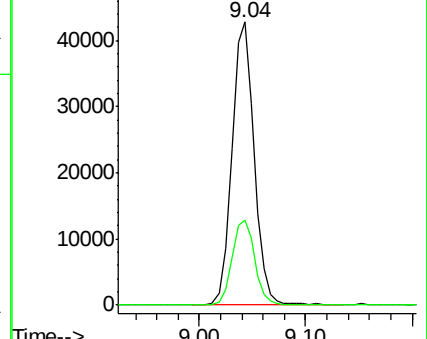
75 100

77 30.2 25.4 38.2



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: 17.642 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

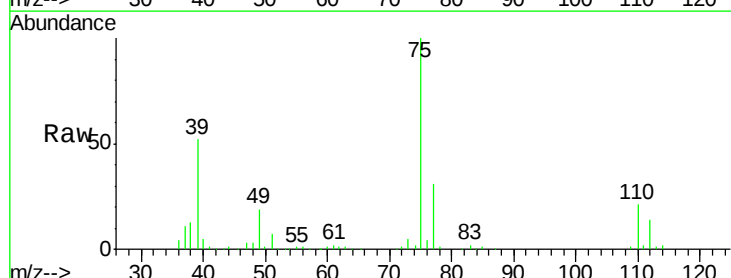
Tgt Ion: 75 Resp: 69436

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

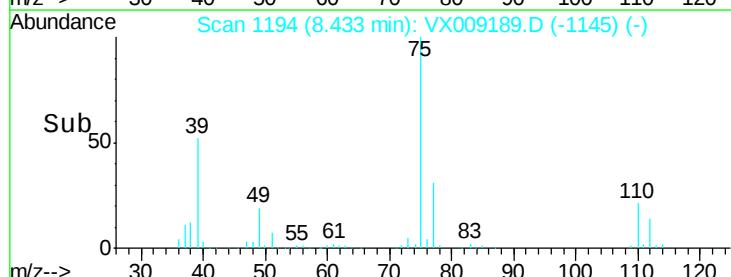
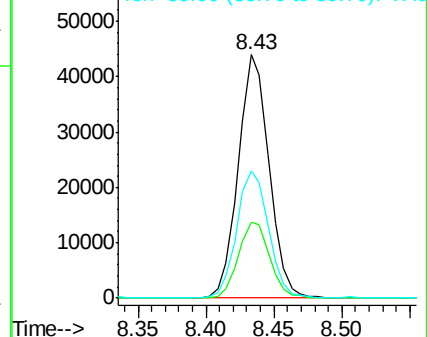
39 52.0 41.8 62.6



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: 19.138 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

Tot Ion: 97 Resp: 43843

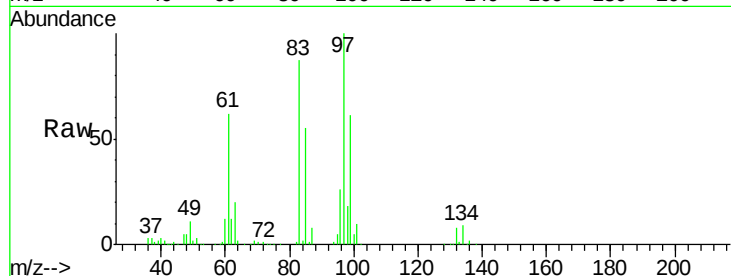
Ion Ratio Lower Upper

97 100

83 86.5 72.6 108.8

85 54.9 46.9 70.3

99 60.4 51.0 76.6

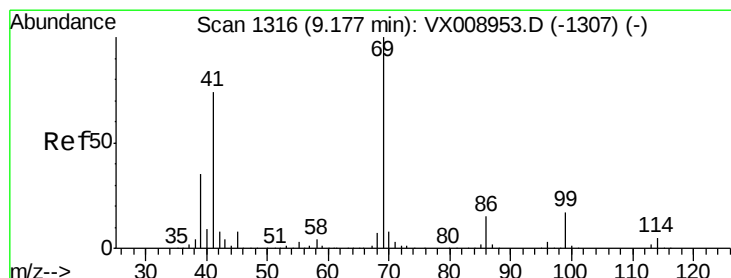
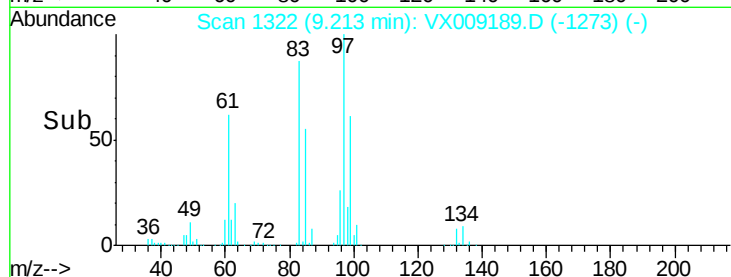
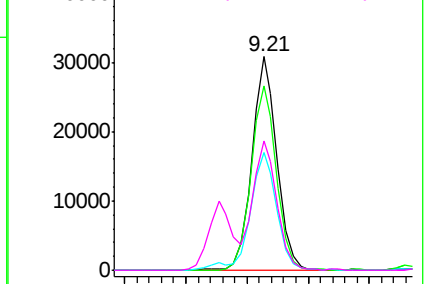


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.894 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

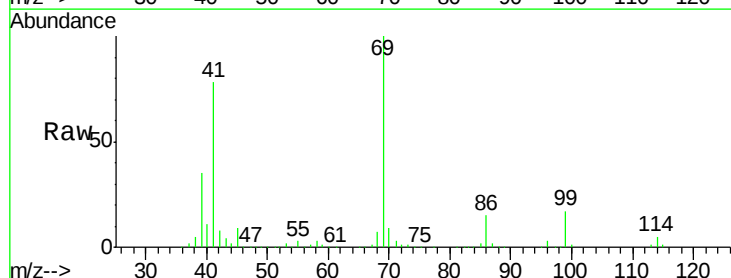
Tgt Ion: 69 Resp: 77612

Ion Ratio Lower Upper

69 100

41 77.5 60.2 90.2

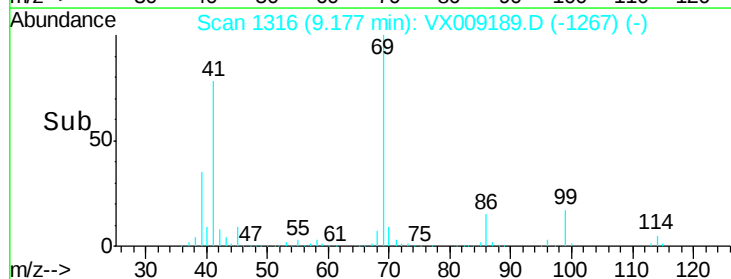
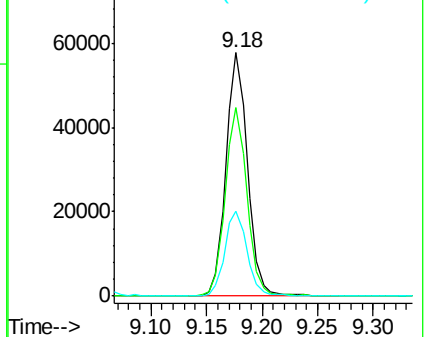
39 36.0 27.9 41.9

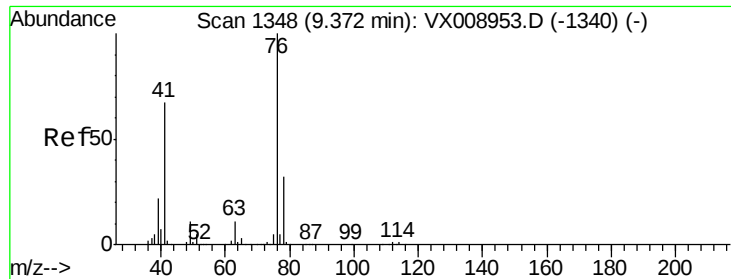


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.674 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

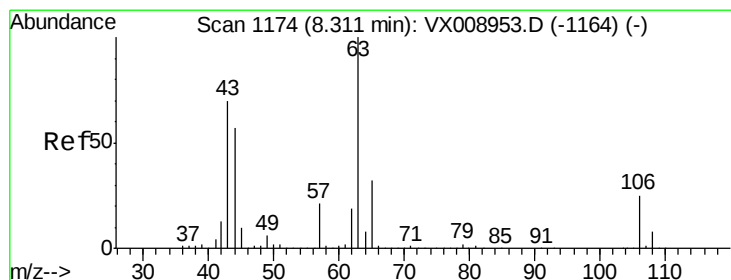
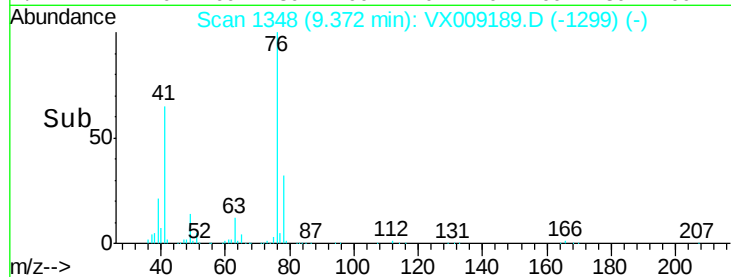
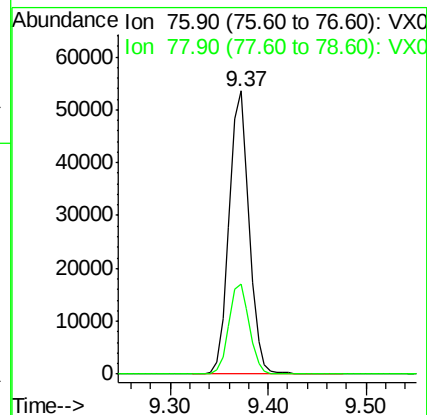
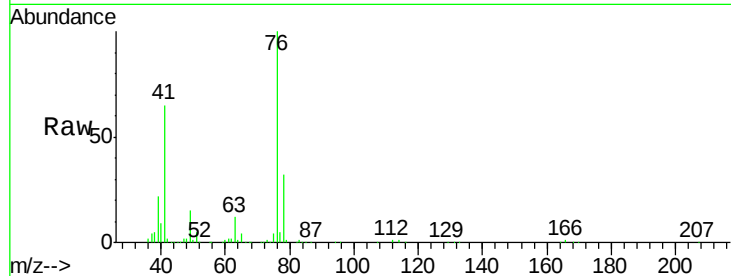
VX0426WBSD01

Tot Ion: 76 Resp: 76169

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 86.625 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009189.D

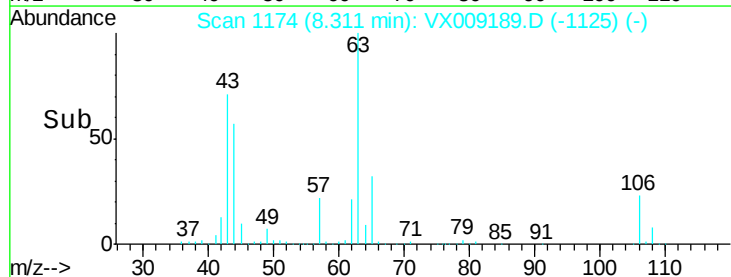
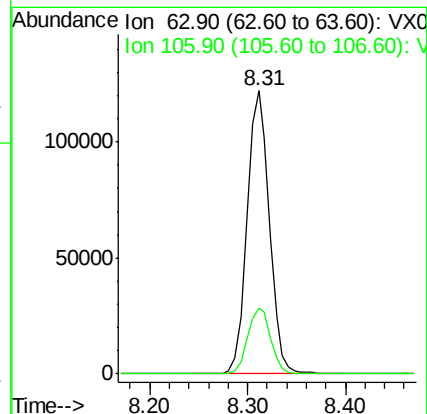
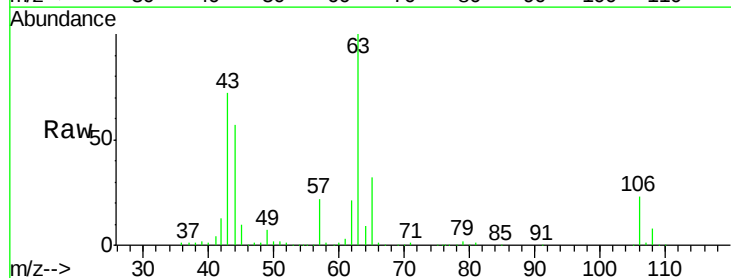
Acq: 26 Apr 2019 15:00

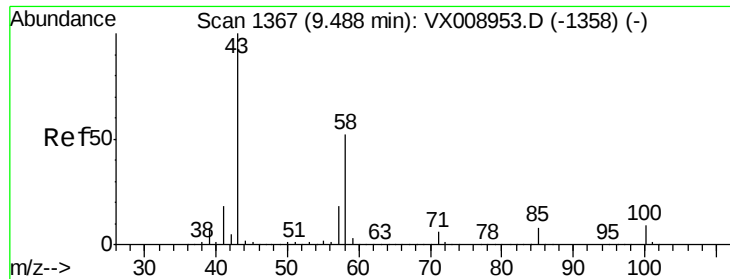
Tgt Ion: 63 Resp: 191618

Ion Ratio Lower Upper

63 100

106 24.3 19.8 29.6

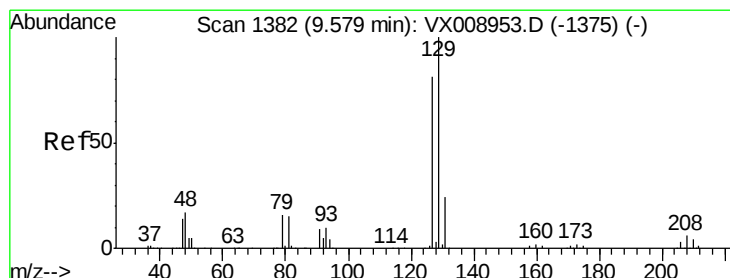
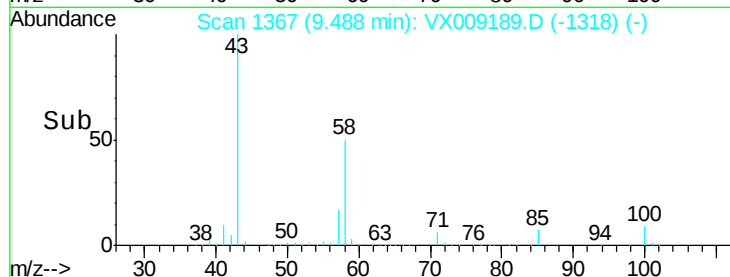
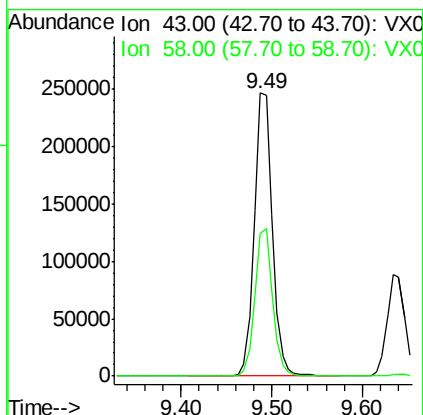
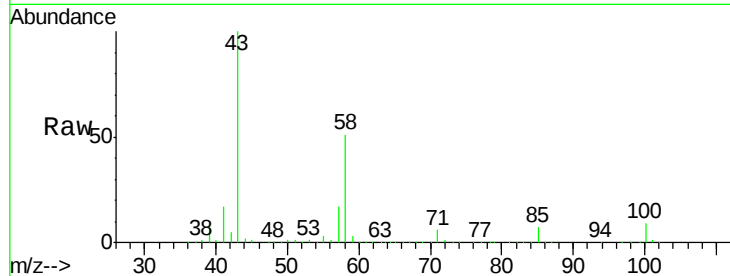




#59
2-Hexanone
Concen: 102.049 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

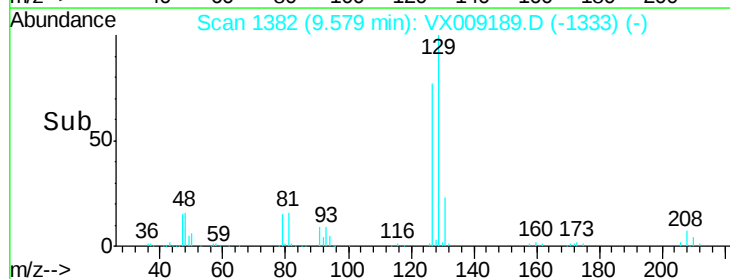
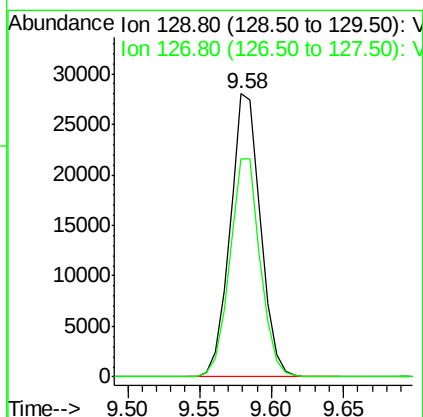
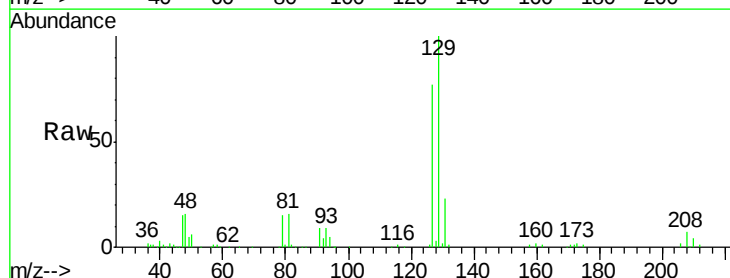
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

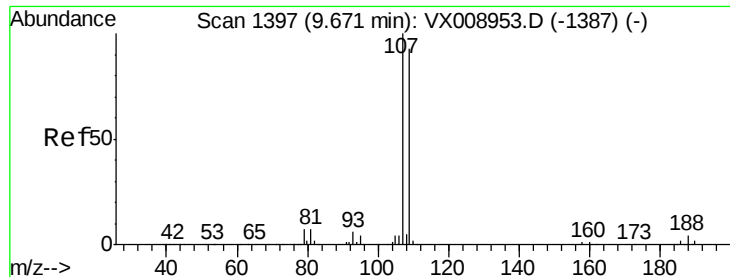
Tot Ion: 43 Resp: 339807
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8



#60
Dibromochloromethane
Concen: 18.774 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion: 129 Resp: 41220
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.646 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

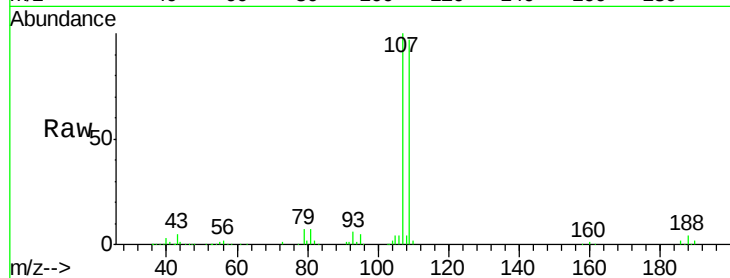
VX0426WBSD01

Tot Ion:107 Resp: 44087

Ion Ratio Lower Upper

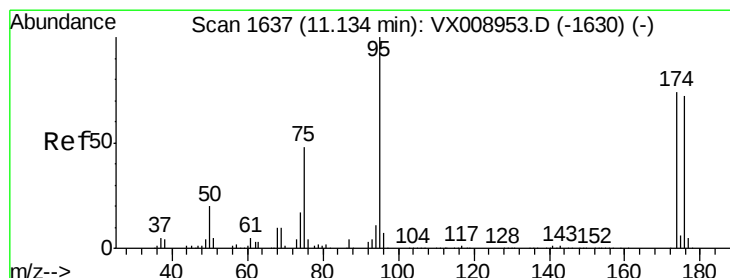
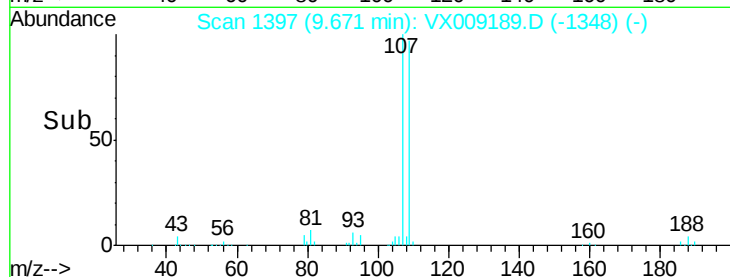
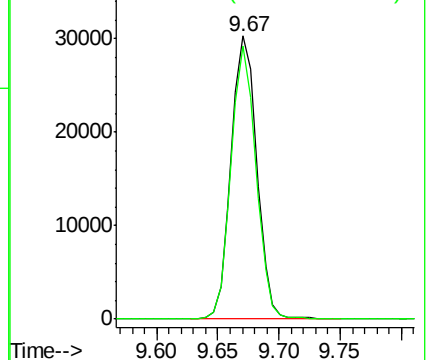
107 100

109 93.9 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.295 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

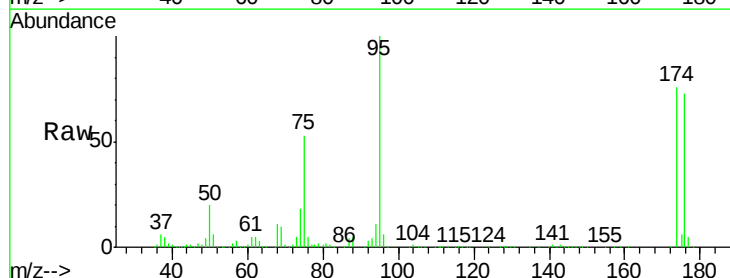
Tgt Ion: 95 Resp: 132221

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.6

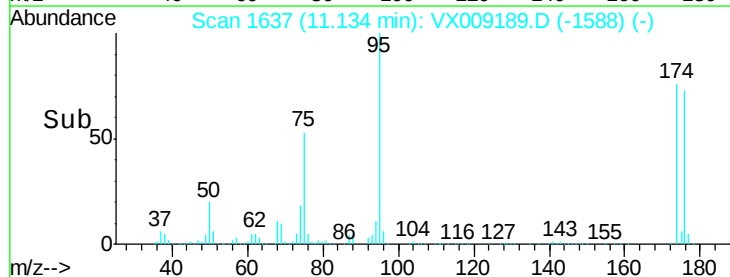
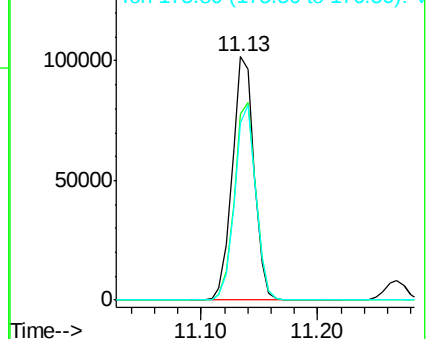
176 78.4 0.0 154.8

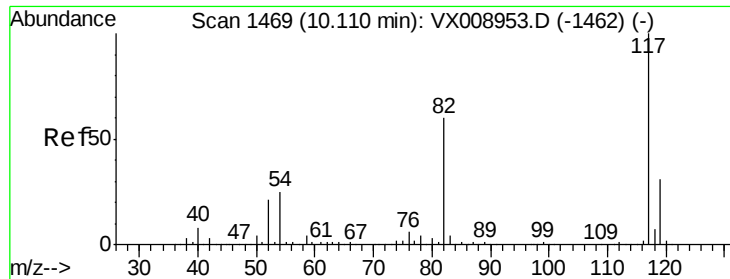


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

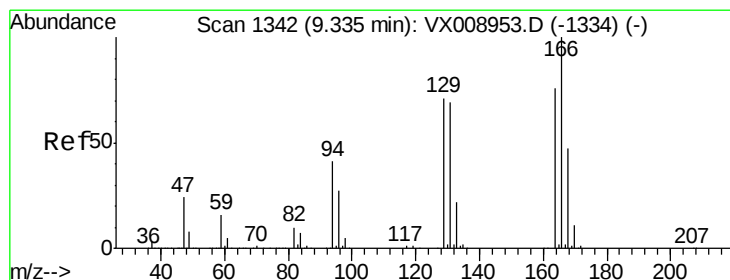
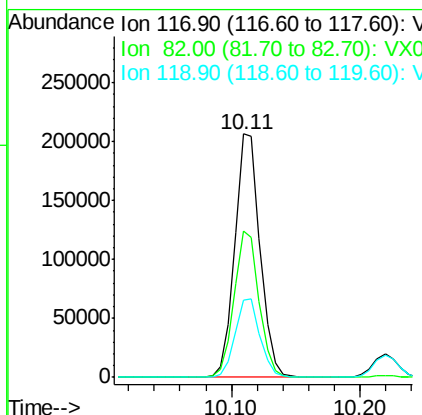
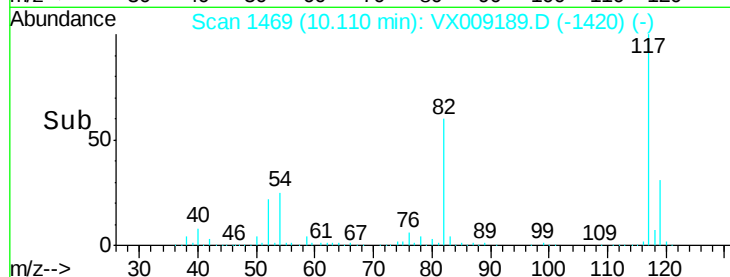
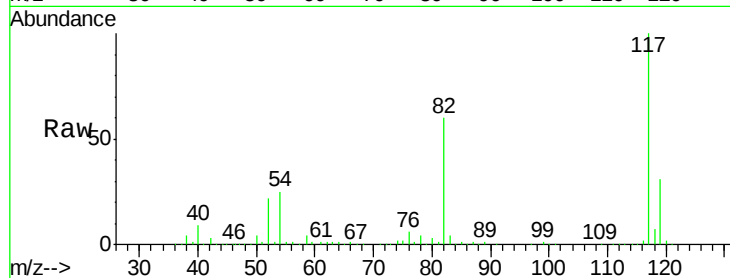




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

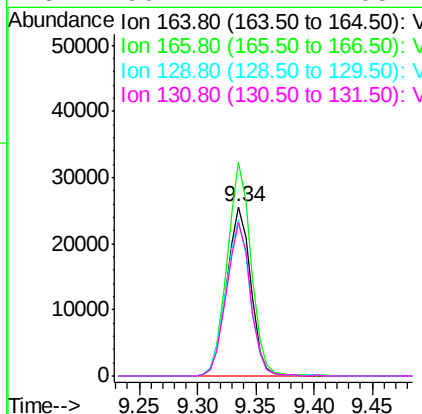
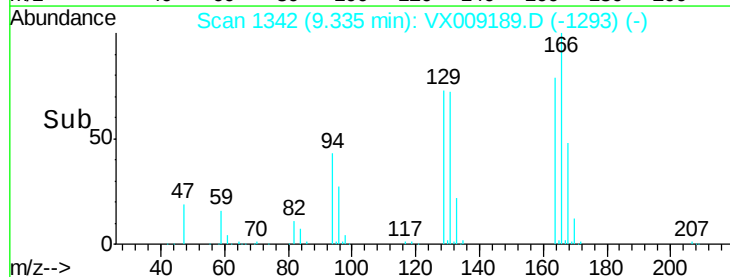
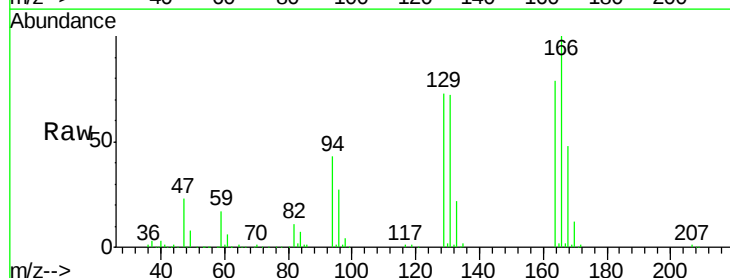
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

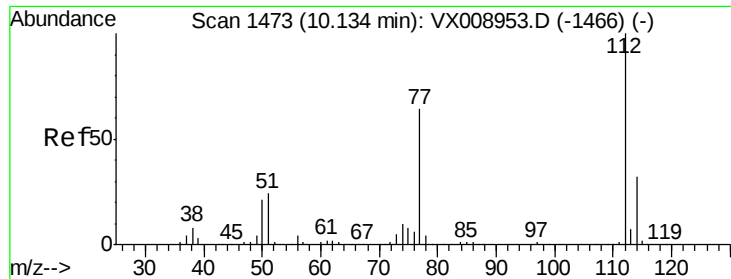
Tot Ion:117 Resp: 282433
Ion Ratio Lower Upper
117 100
82 60.2 48.2 72.4
119 31.5 25.0 37.6



#64
Tetrachloroethene
Concen: 17.236 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion:164 Resp: 36982
Ion Ratio Lower Upper
164 100
166 126.0 105.0 157.4
129 92.4 74.2 111.4
131 90.4 72.2 108.2





#65

Chlorobenzene

Concen: 18.108 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

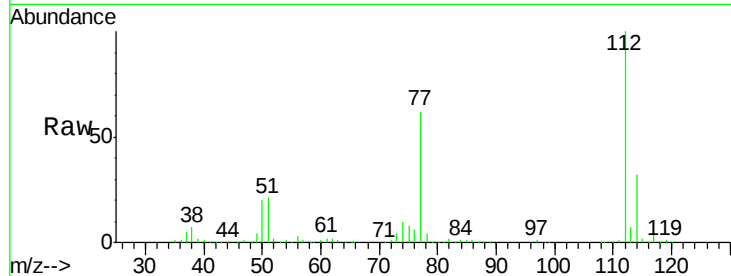
VX0426WBSD01

Tot Ion:112 Resp: 107951

Ion Ratio Lower Upper

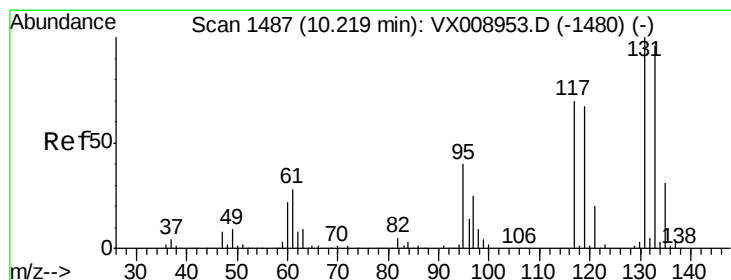
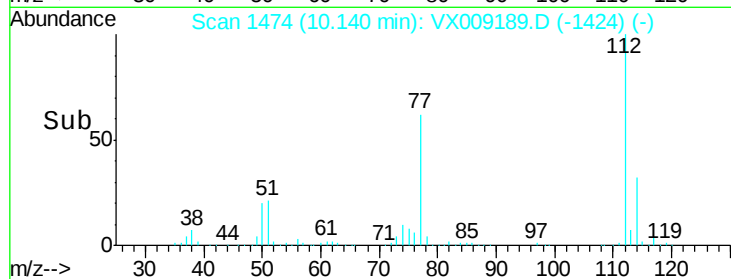
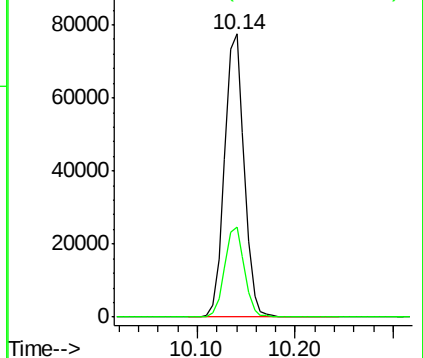
112 100

114 32.0 25.4 38.0



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: 18.453 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

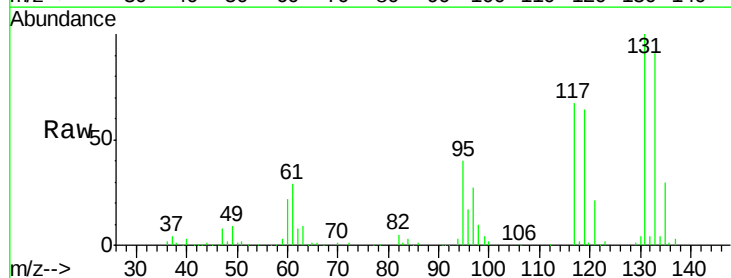
Tgt Ion:131 Resp: 38753

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.2

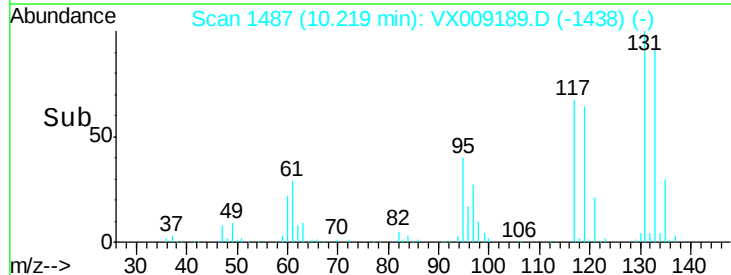
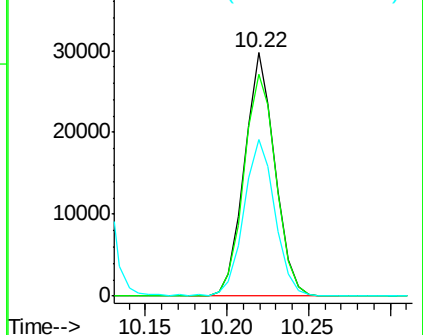
119 66.0 33.7 101.1

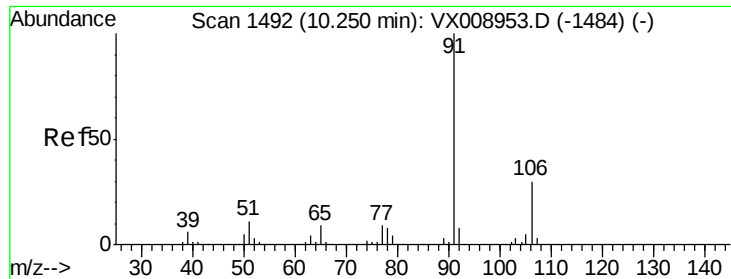


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.335 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleID :

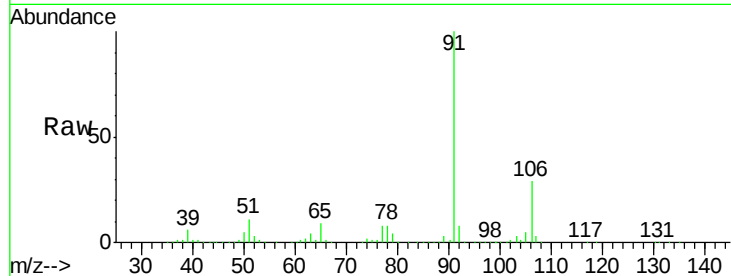
VX0426WBSD01

Tot Ion: 91 Resp: 199806

Ion Ratio Lower Upper

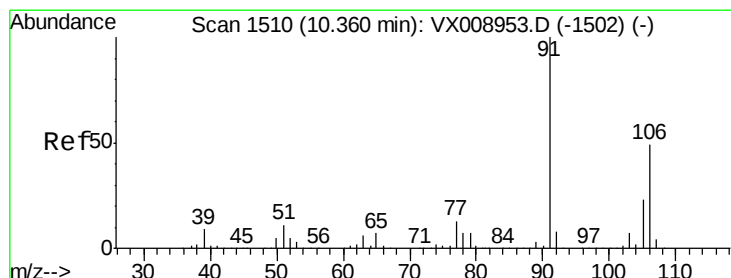
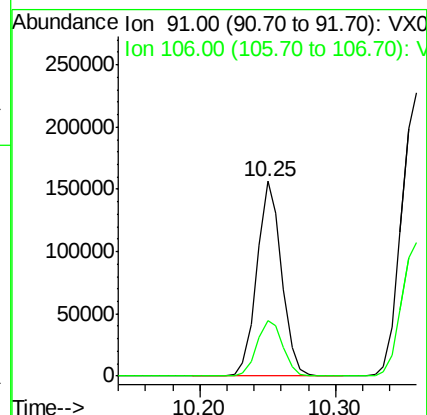
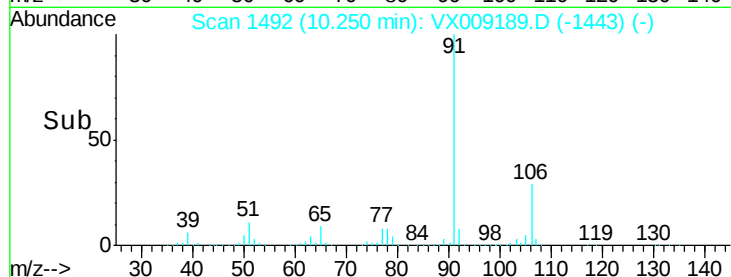
91 100

106 28.8 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.747 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009189.D

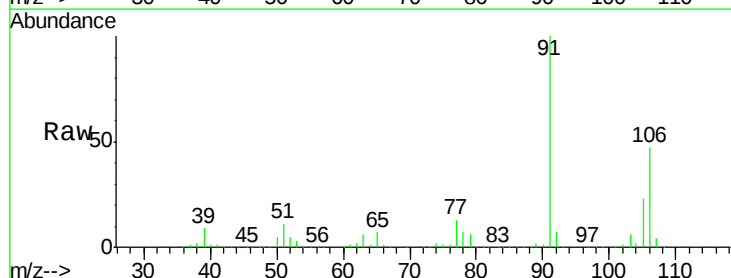
Acq: 26 Apr 2019 15:00

Tgt Ion:106 Resp: 145537

Ion Ratio Lower Upper

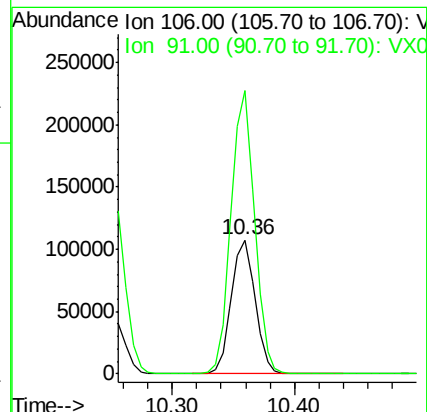
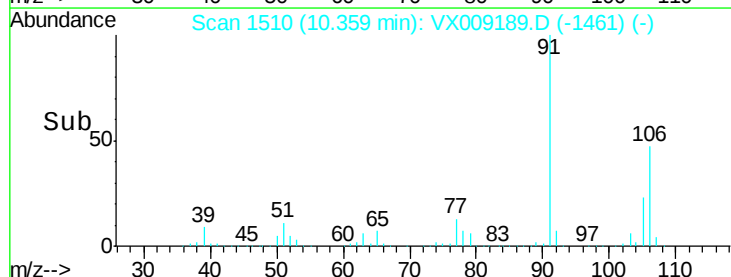
106 100

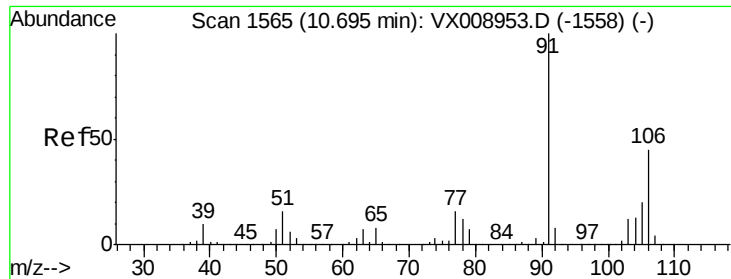
91 209.0 165.4 248.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

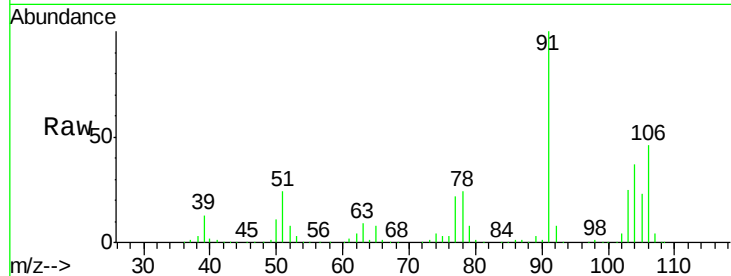




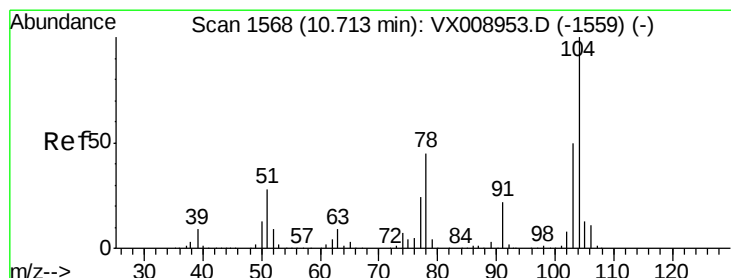
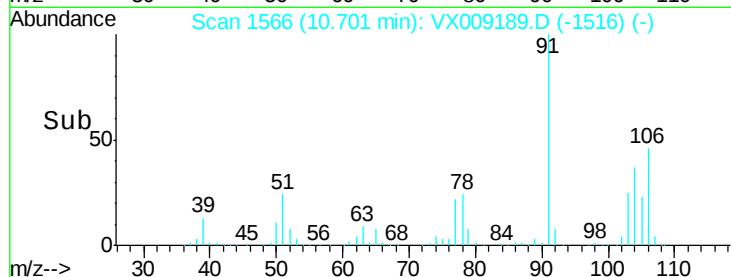
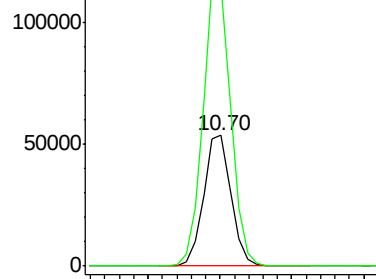
#69
o-Xylene
Concen: 18.648 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

Tot Ion:106 Resp: 71863
Ion Ratio Lower Upper
106 100
91 220.5 108.9 326.7

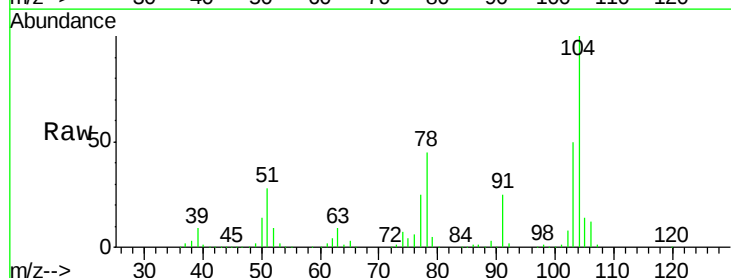


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

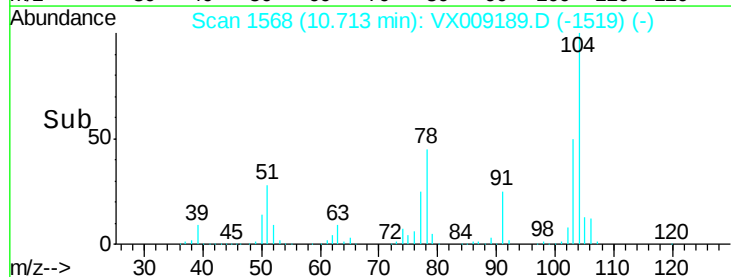
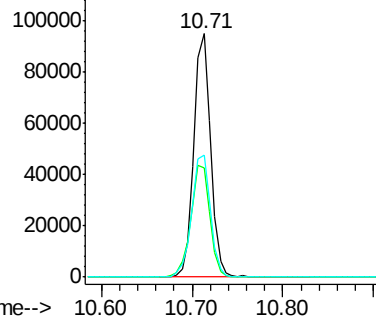


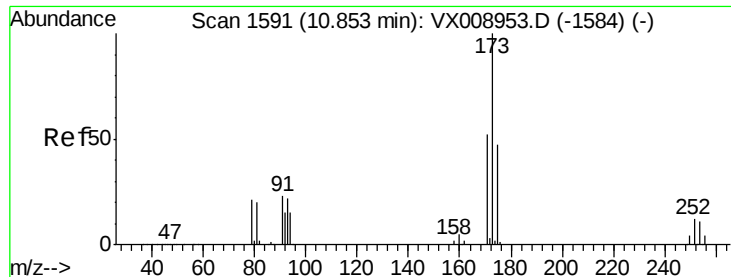
#70
Styrene
Concen: 18.476 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion:104 Resp: 123382
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 56.1 43.9 65.9



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

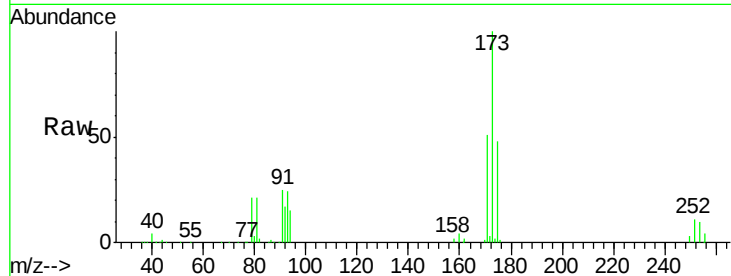




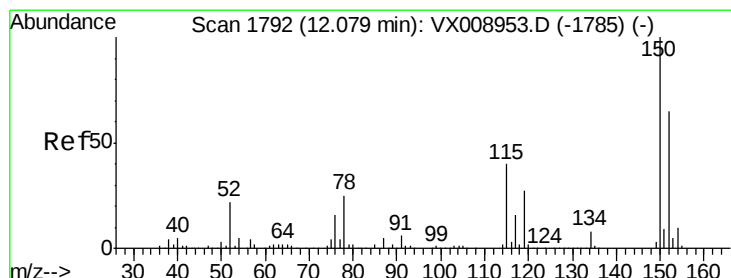
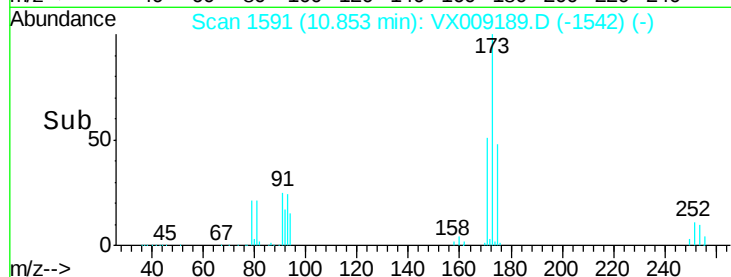
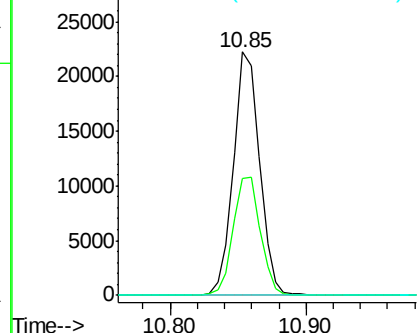
#71
Bromoform
Concen: 17.819 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

Tot Ion:173 Resp: 29813
Ion Ratio Lower Upper
173 100
175 50.2 23.9 71.8
254 0.3 0.2 0.4

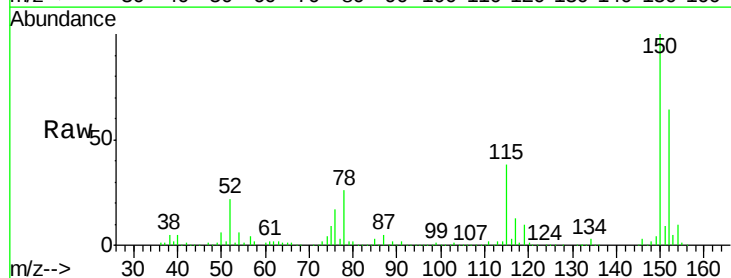


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

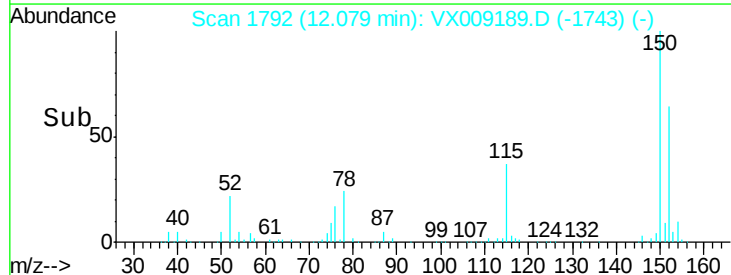
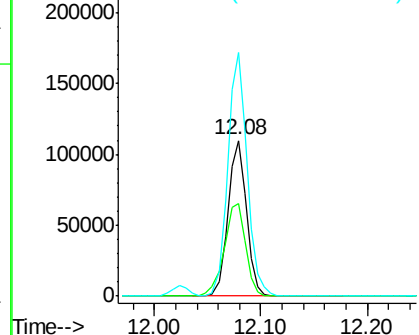


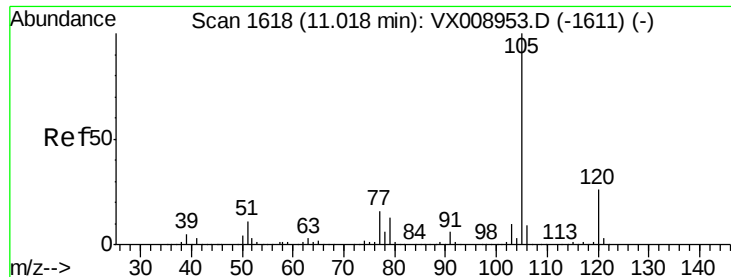
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion:152 Resp: 132781
Ion Ratio Lower Upper
152 100
115 68.3 41.4 124.2
150 163.4 0.0 349.8



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: 19.068 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

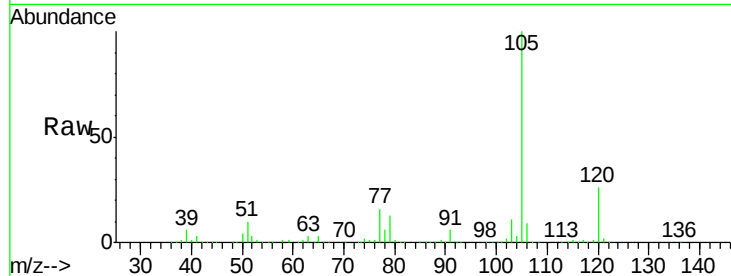
VX0426WBSD01

Tot Ion: 105 Resp: 191913

Ion Ratio Lower Upper

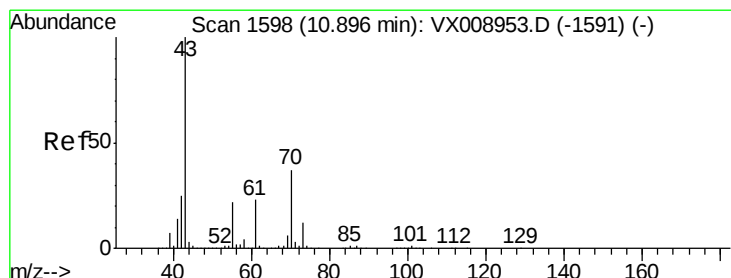
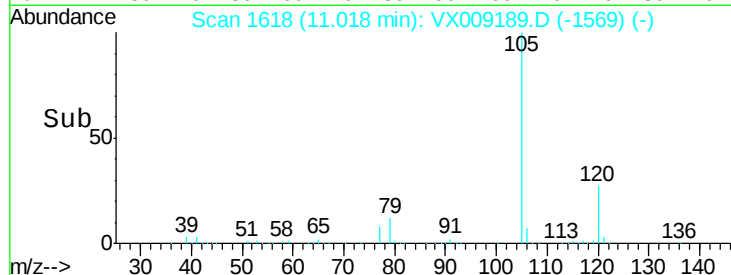
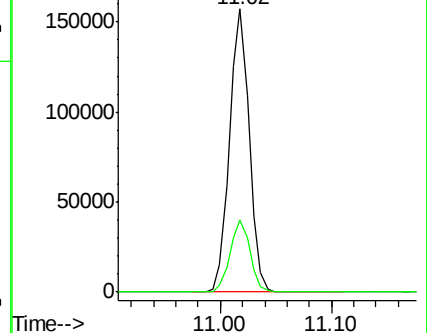
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.105 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Tgt Ion: 43 Resp: 116184

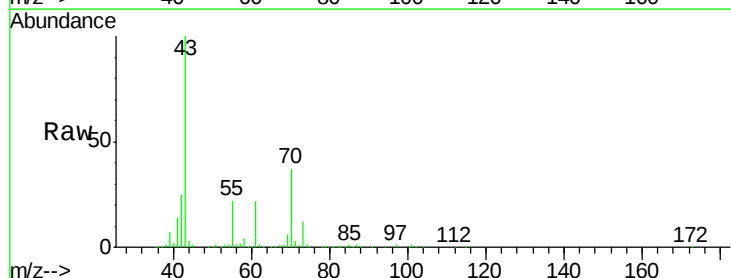
Ion Ratio Lower Upper

43 100

70 36.7 29.9 44.9

55 21.8 17.8 26.8

61 22.2 18.3 27.5

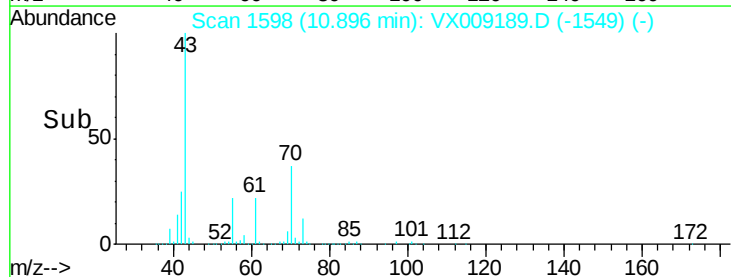
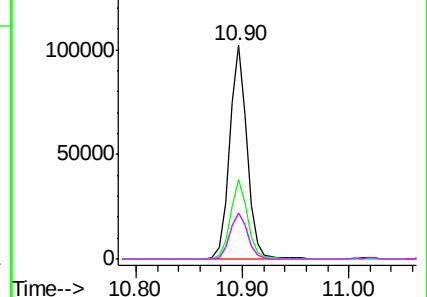


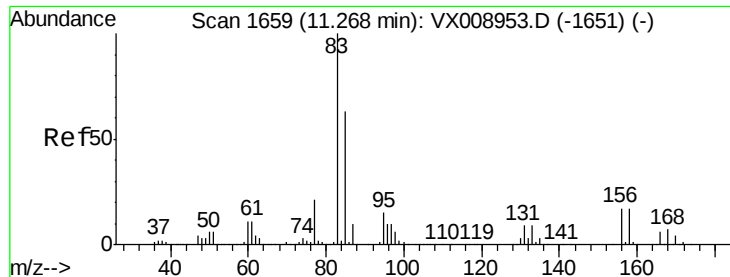
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.522 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampled :

VX0426WBSD01

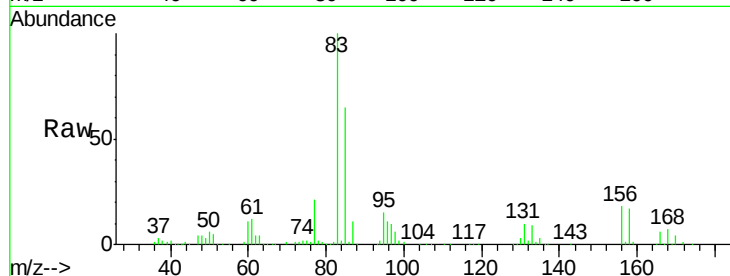
Tot Ion: 83 Resp: 71790

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.0

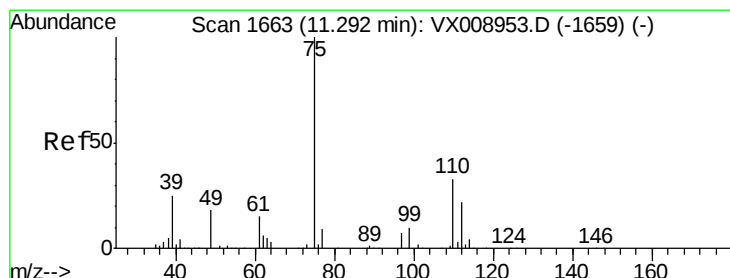
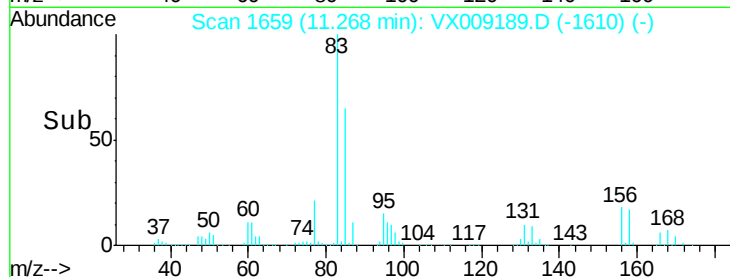
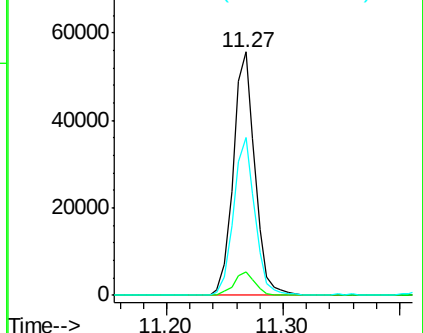
85 64.4 31.9 95.9



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: 25.234 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009189.D

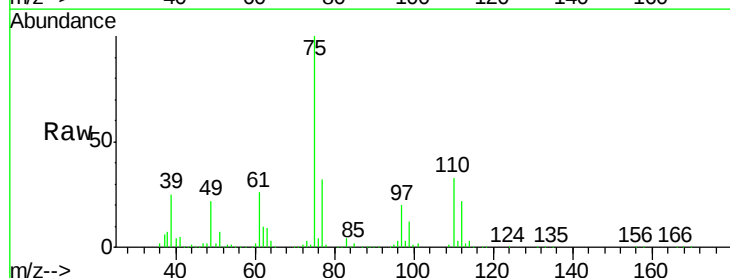
Acq: 26 Apr 2019 15:00

Tgt Ion: 75 Resp: 81816

Ion Ratio Lower Upper

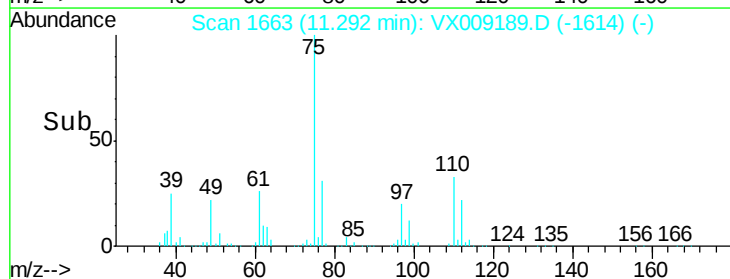
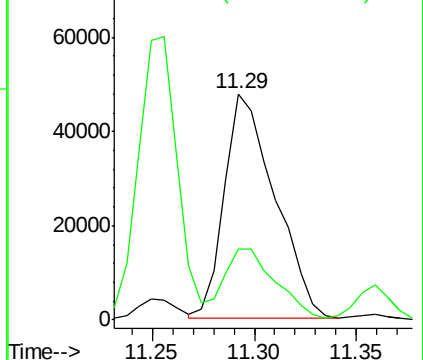
75 100

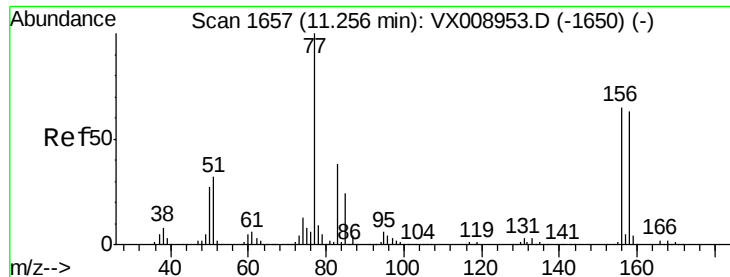
77 32.9 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.347 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

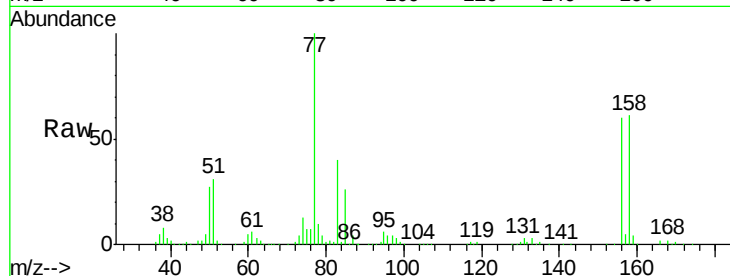
Tot Ion:156 Resp: 46589

Ion Ratio Lower Upper

156 100

77 171.9 85.4 256.1

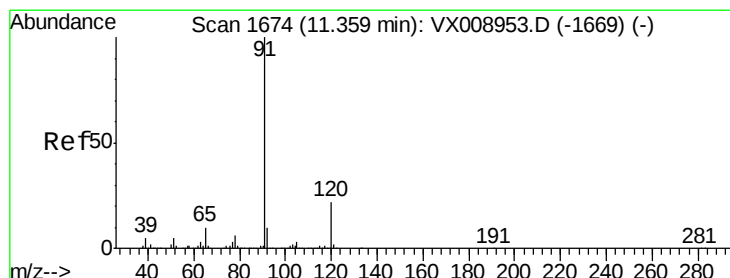
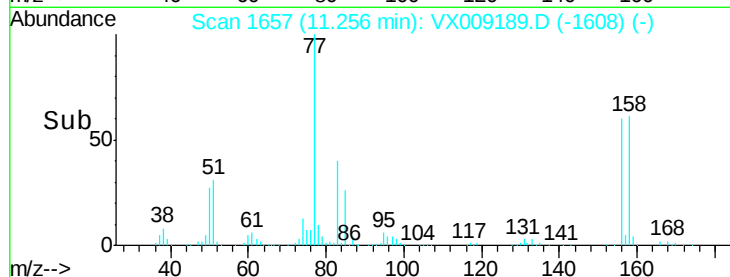
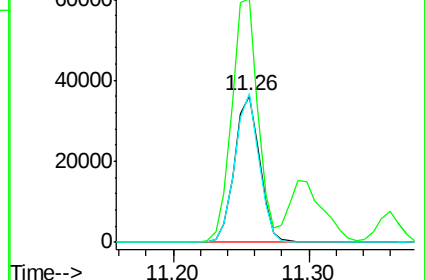
158 98.1 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.684 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009189.D

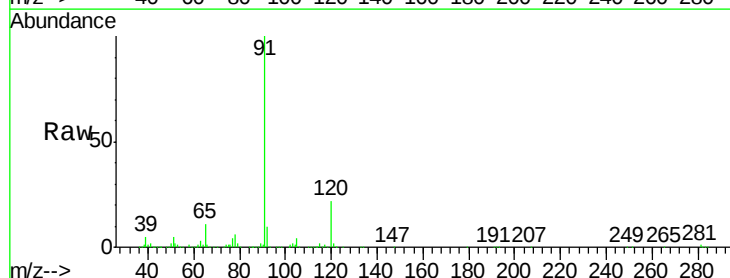
Acq: 26 Apr 2019 15:00

Tgt Ion: 91 Resp: 215838

Ion Ratio Lower Upper

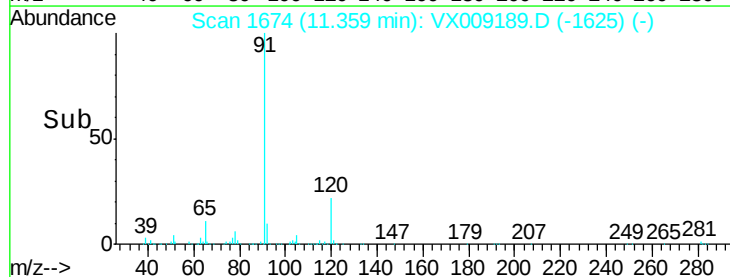
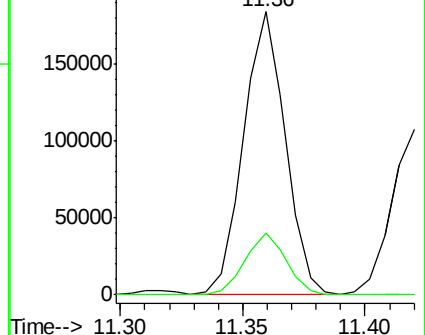
91 100

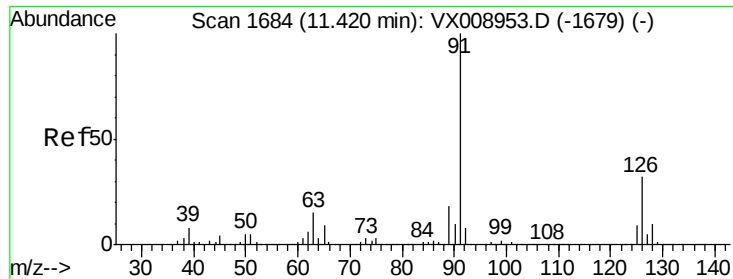
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.837 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

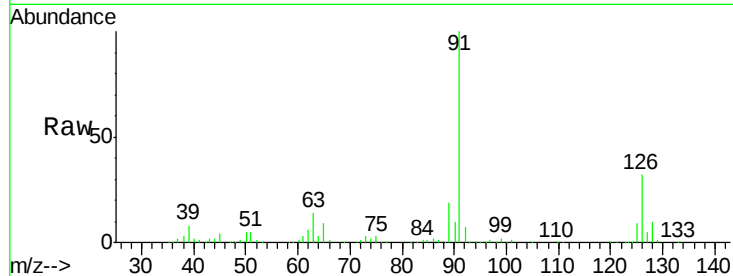
VX0426WBSD01

Tot Ion: 91 Resp: 131126

Ion Ratio Lower Upper

91 100

126 32.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008953.D (-1679) (-)

200000

150000

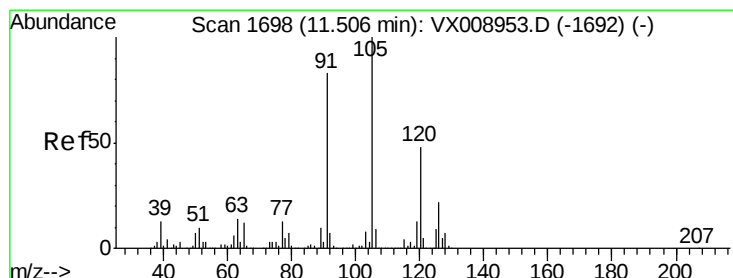
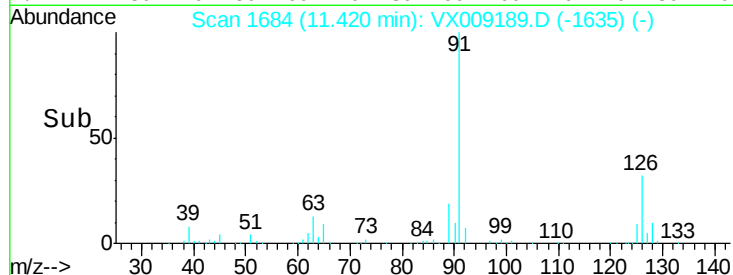
100000

50000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.917 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009189.D

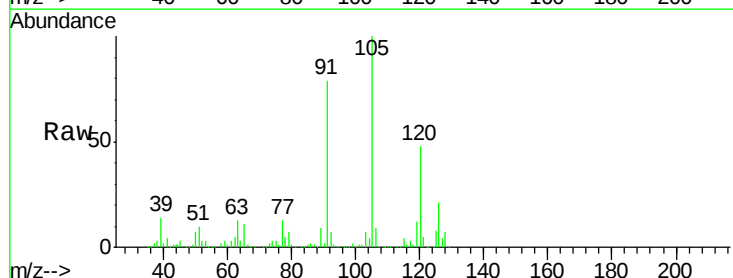
Acq: 26 Apr 2019 15:00

Tgt Ion: 105 Resp: 159767

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)

150000

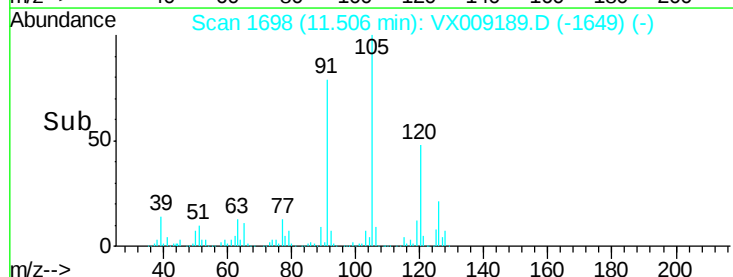
100000

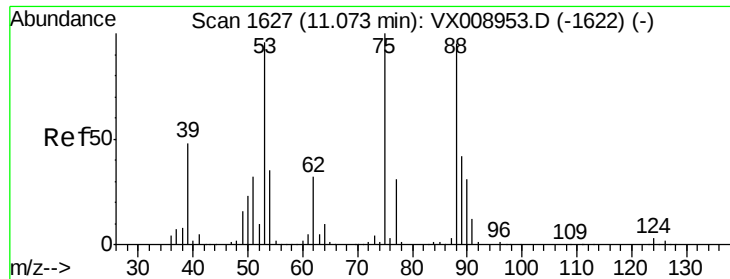
50000

0

11.45 11.50 11.55

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.624 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampled :

VX0426WBSD01

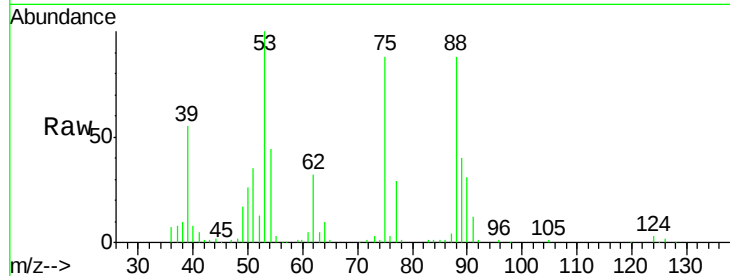
Tot Ion: 75 Resp: 20995

Ion Ratio Lower Upper

75 100

53 107.5 78.2 117.4

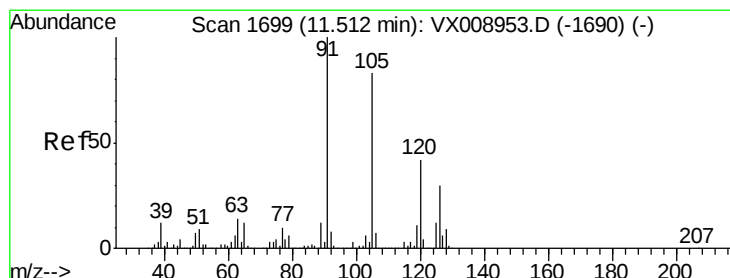
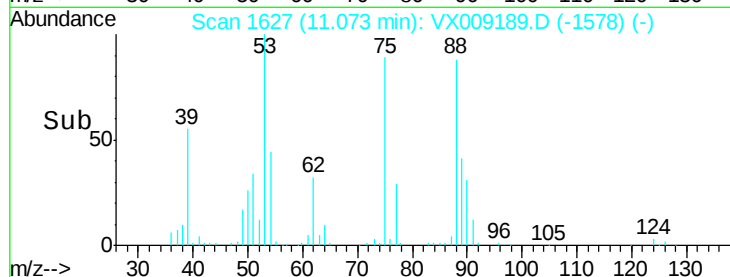
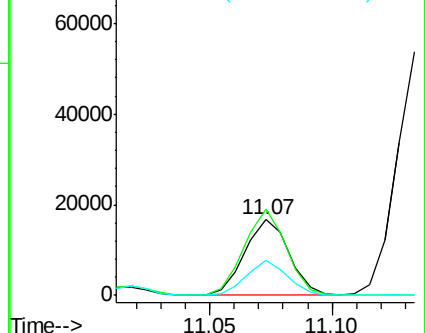
89 43.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.439 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009189.D

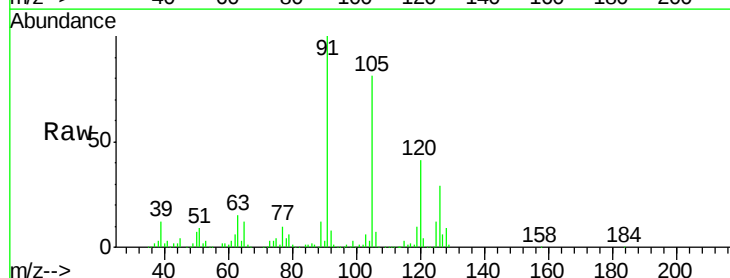
Acq: 26 Apr 2019 15:00

Tgt Ion: 91 Resp: 149070

Ion Ratio Lower Upper

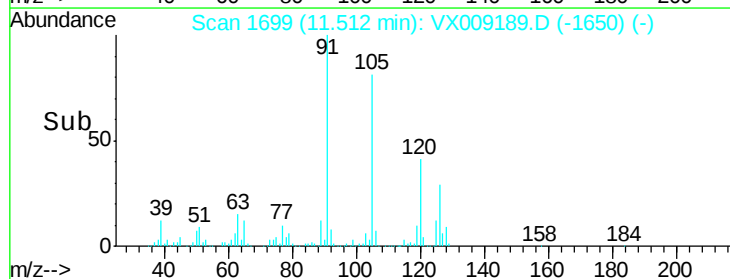
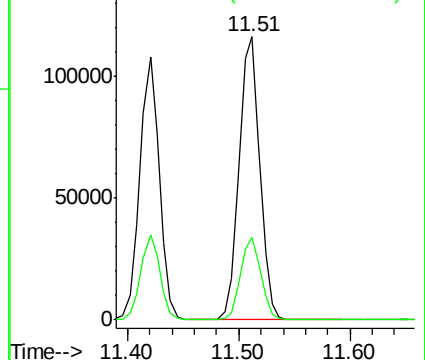
91 100

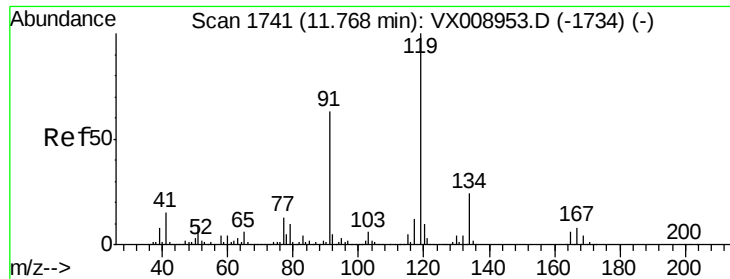
126 28.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

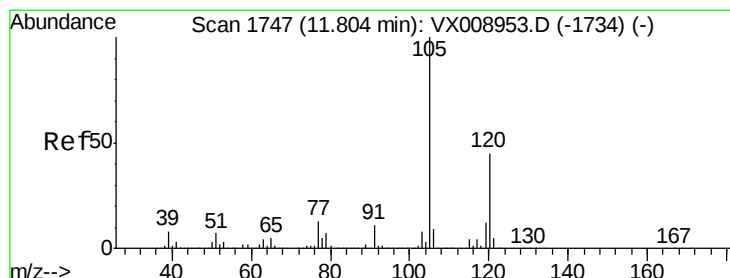
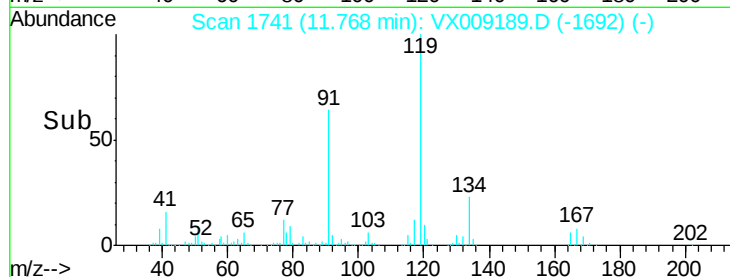
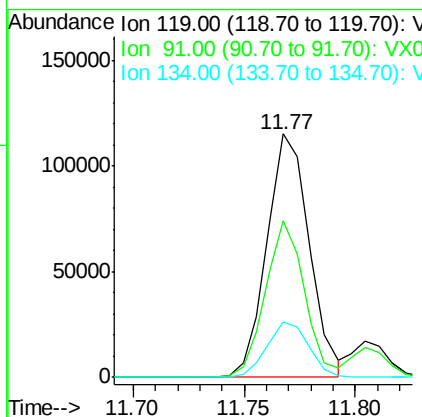
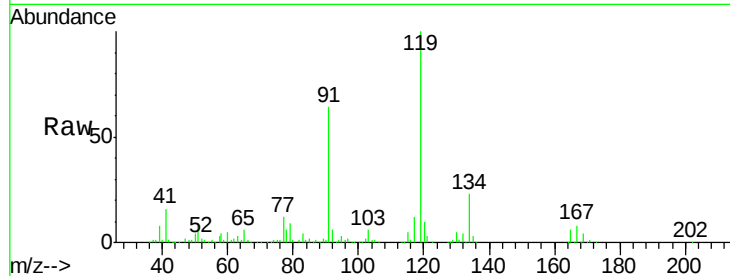




#83
 tert-Butylbenzene
 Concen: 18.800 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

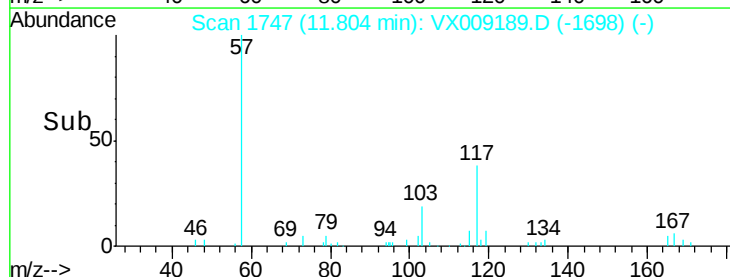
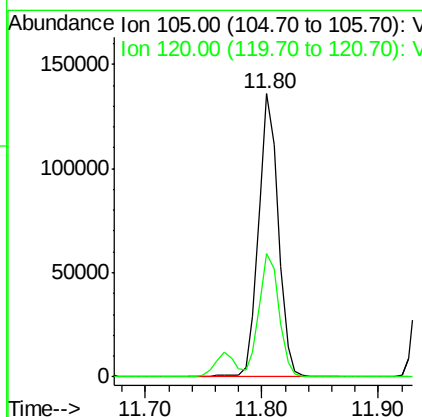
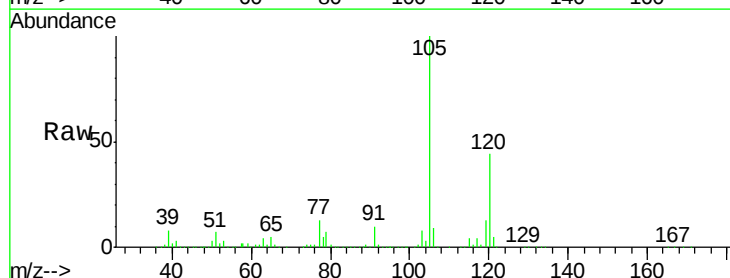
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

Tot Ion:119 Resp: 152444
 Ion Ratio Lower Upper
 119 100
 91 59.5 29.7 89.1
 134 22.5 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.752 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Tgt Ion:105 Resp: 161212
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.9 65.8





#85

sec-Butylbenzene

Concen: 18.850 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

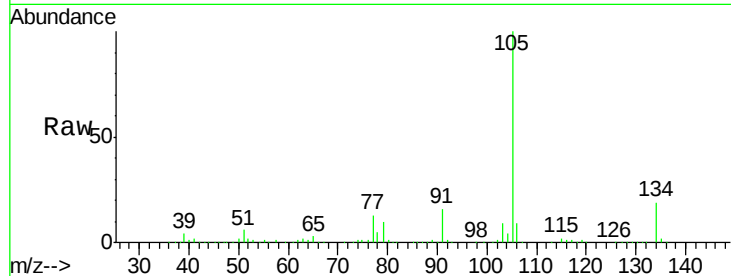
VX0426WBSD01

Tot Ion:105 Resp: 182297

Ion Ratio Lower Upper

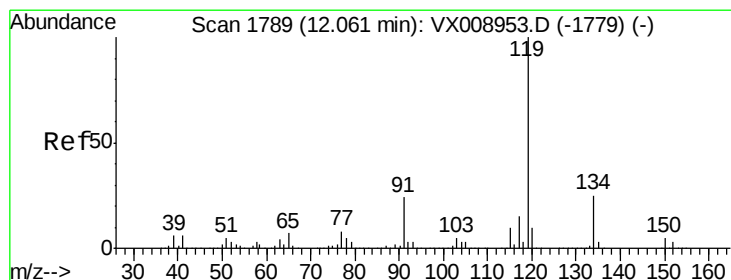
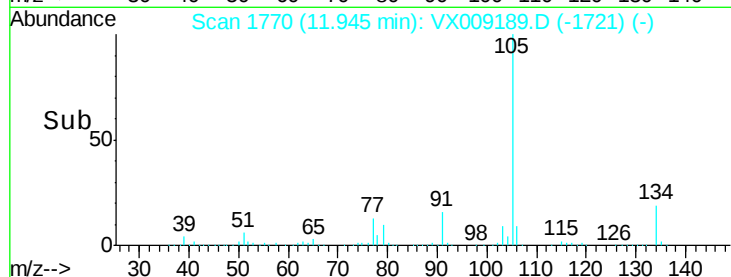
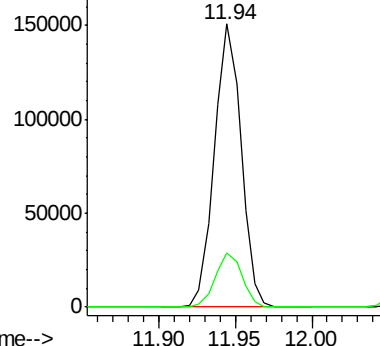
105 100

134 19.4 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.511 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

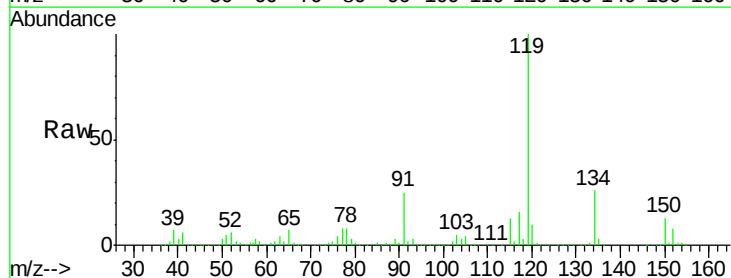
Tgt Ion:119 Resp: 164586

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

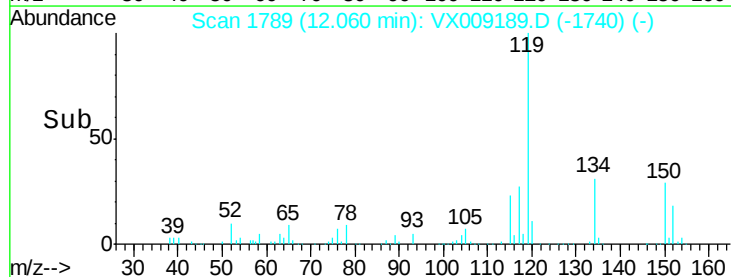
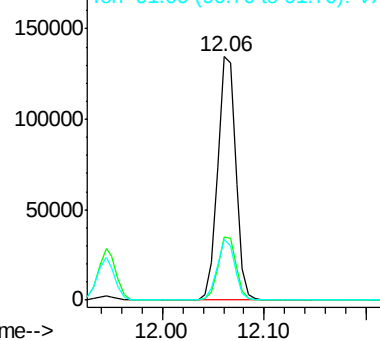
91 24.4 11.9 35.5

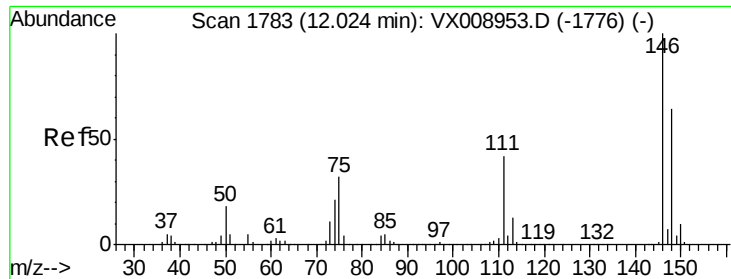


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

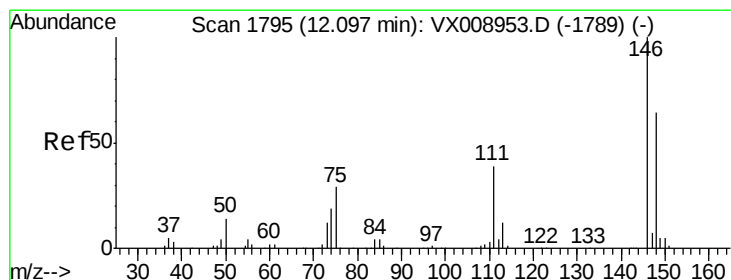
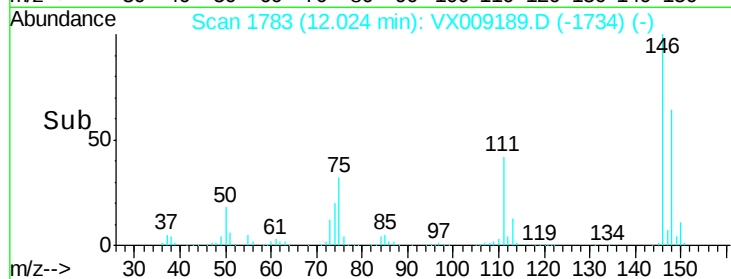
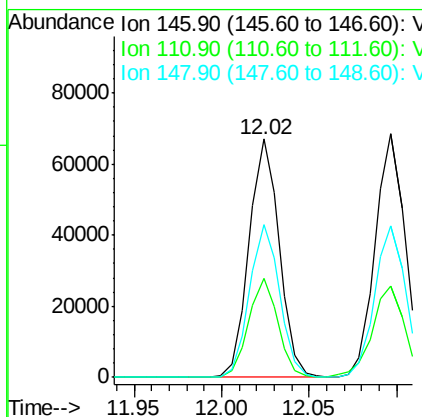
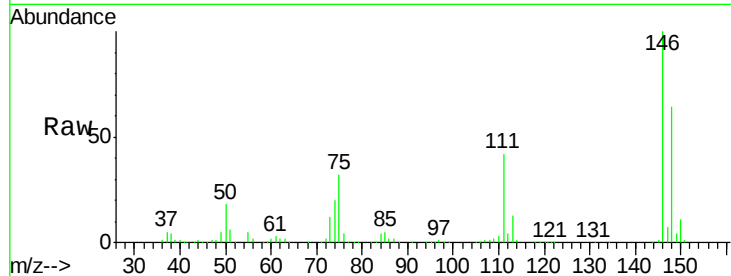




#87
 1,3-Dichlorobenzene
 Concen: 18.212 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

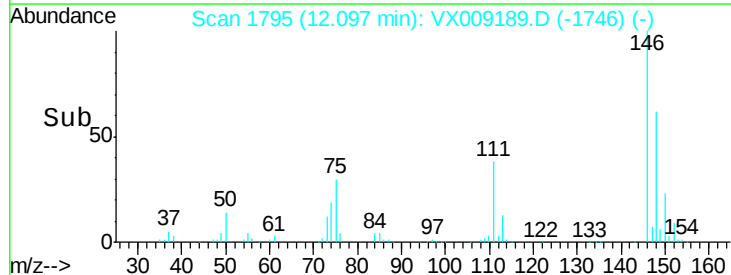
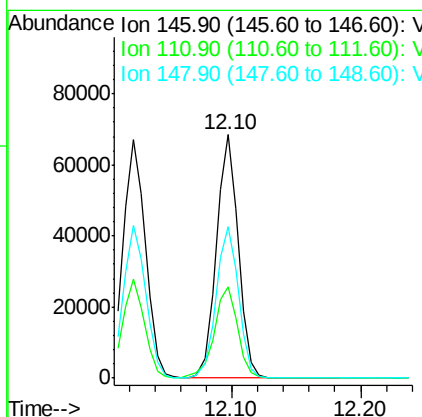
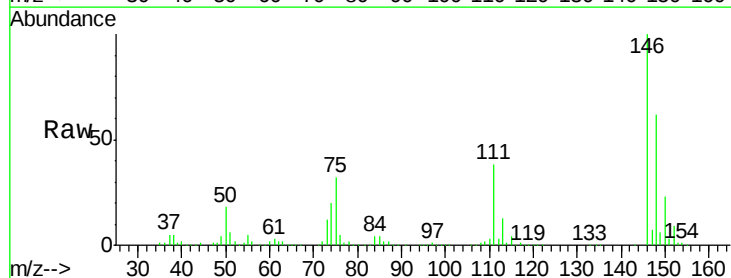
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

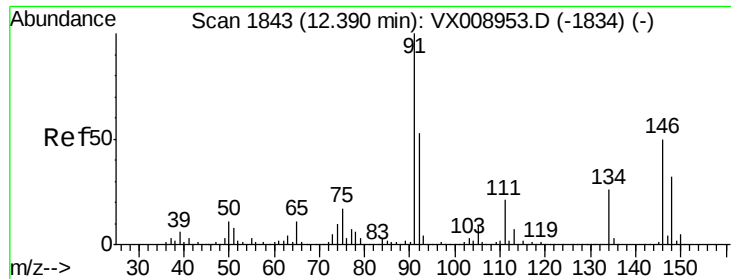
Tot Ion:146 Resp: 80945
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.6
 148 64.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 18.191 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Tgt Ion:146 Resp: 81956
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 59.9
 148 64.1 32.2 96.6

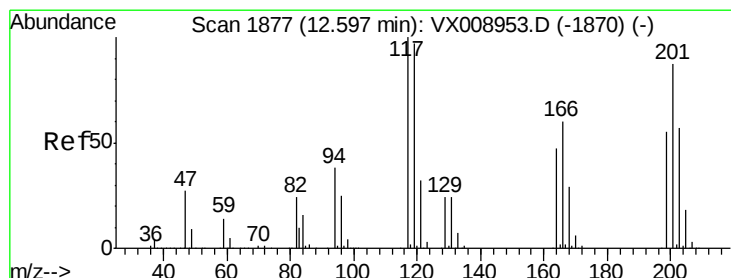
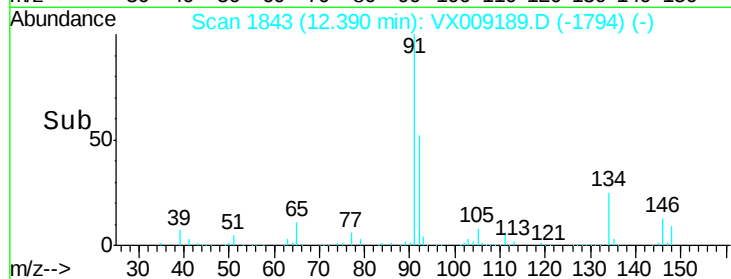
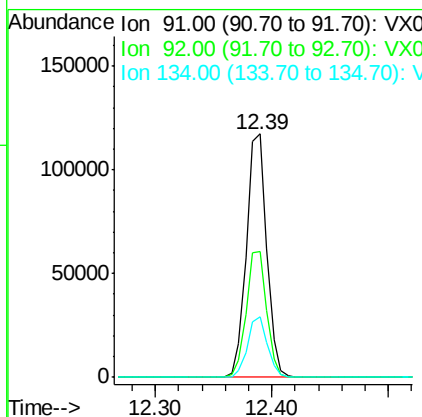
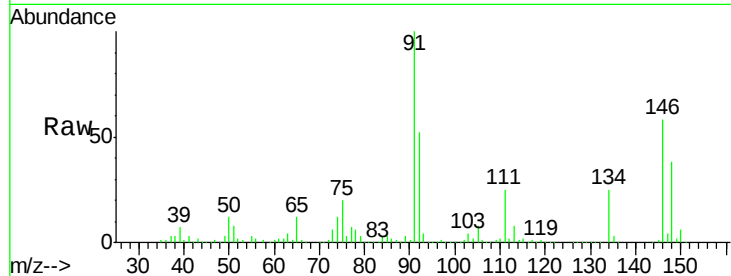




#89
n-Butylbenzene
Concen: 17.378 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

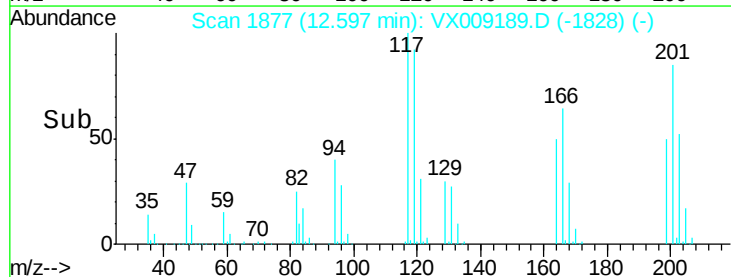
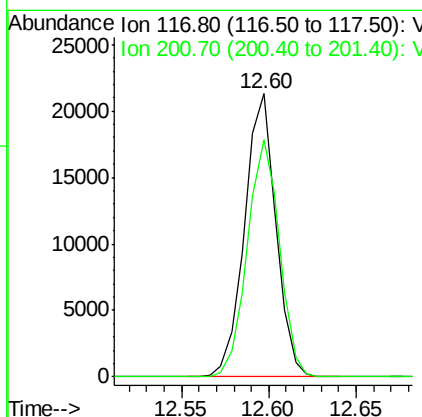
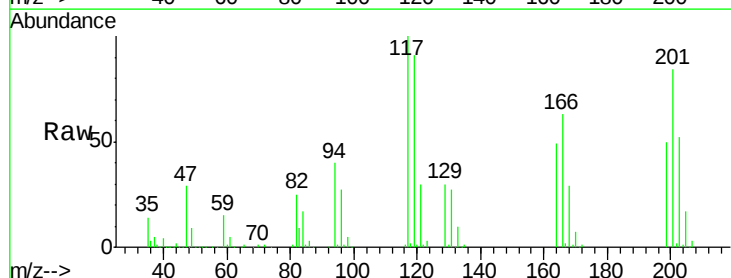
Instrument :
MSVOA_X
ClientSampleId :
VX0426WBSD01

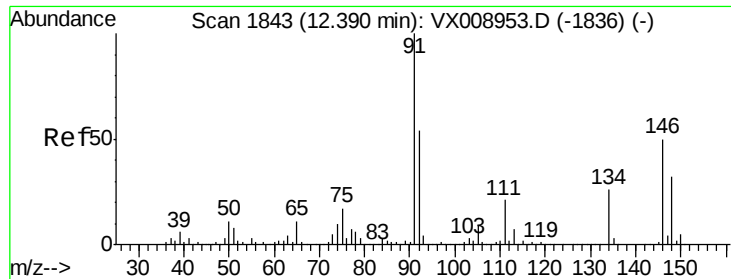
Tot Ion: 91 Resp: 143903
Ion Ratio Lower Upper
91 100
92 52.1 26.6 79.8
134 24.4 12.4 37.2



#90
Hexachloroethane
Concen: 18.074 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009189.D
Acq: 26 Apr 2019 15:00

Tgt Ion: 117 Resp: 26508
Ion Ratio Lower Upper
117 100
201 85.7 43.0 129.0

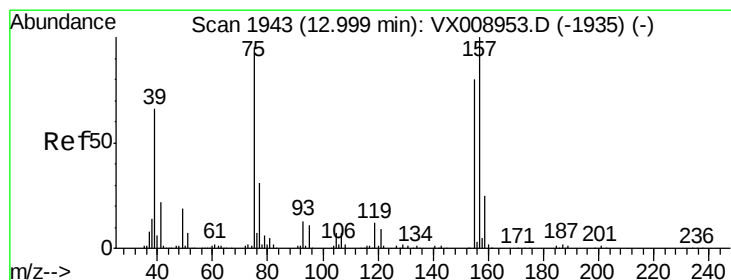
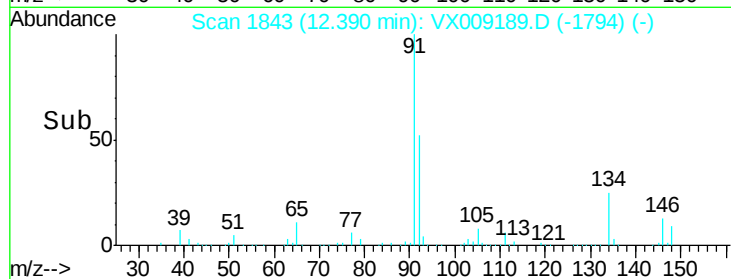
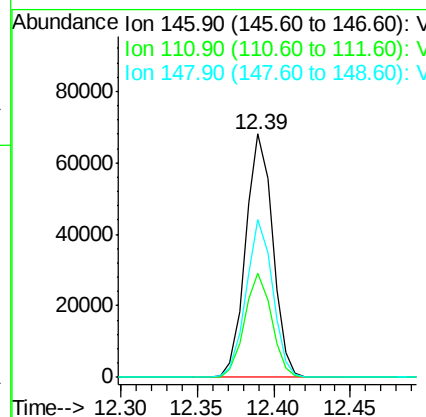
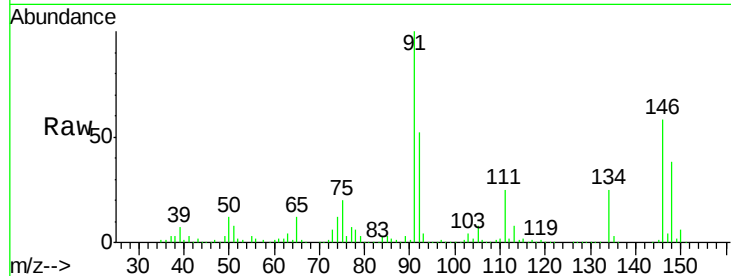




#91
 1,2-Dichlorobenzene
 Concen: 19.102 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

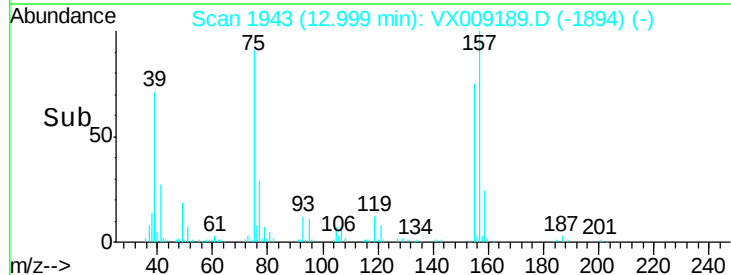
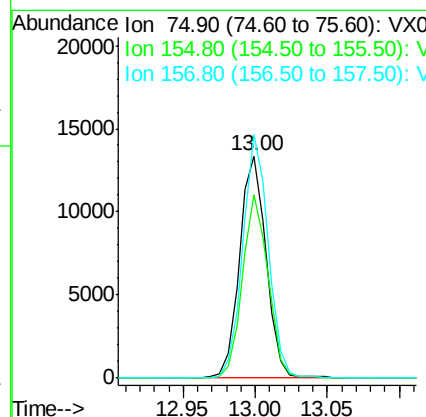
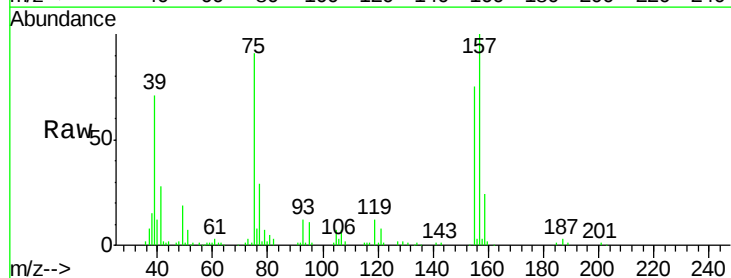
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

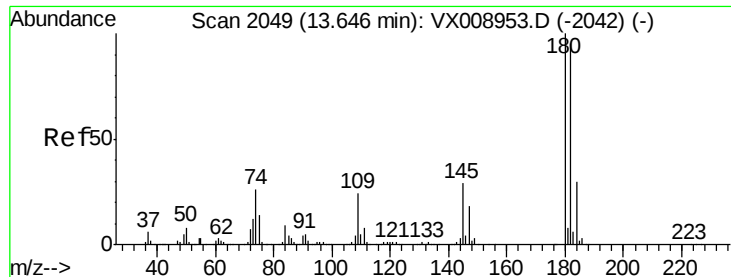
Tot Ion:146 Resp: 83835
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.6 61.9
 148 63.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.529 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Tgt Ion: 75 Resp: 17189
 Ion Ratio Lower Upper
 75 100
 155 79.4 41.2 123.6
 157 104.8 52.5 157.6

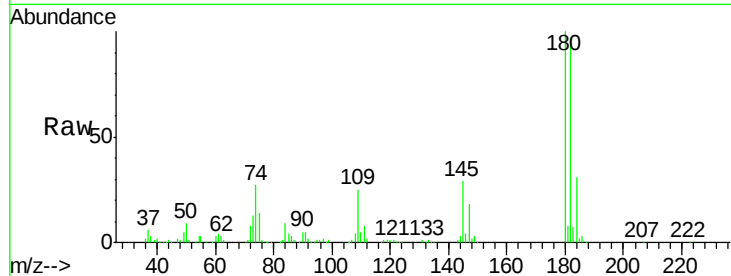




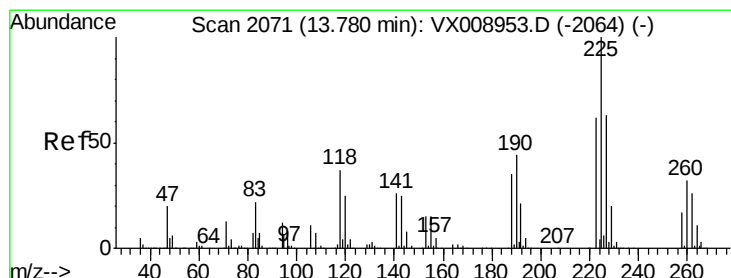
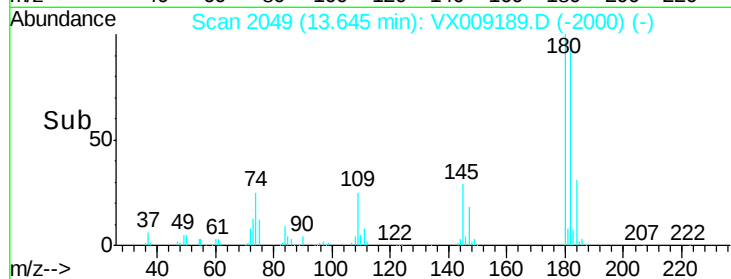
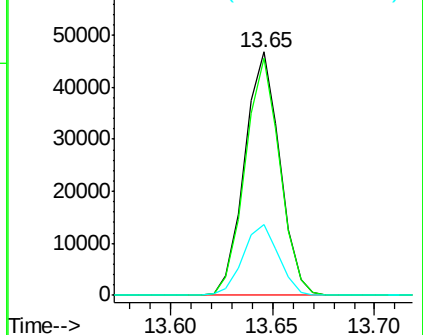
#93
 1,2,4-Trichlorobenzene
 Concen: 17.728 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBSD01

Tot Ion:180 Resp: 56165
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.6 142.9
 145 29.8 14.8 44.4

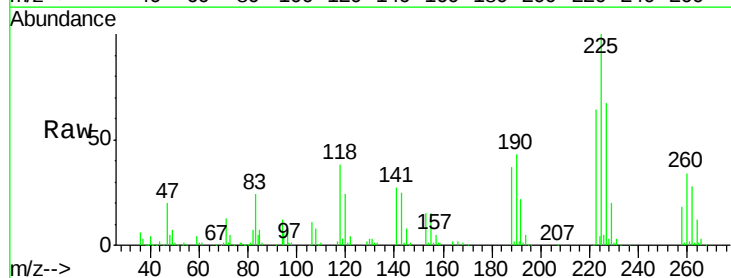


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

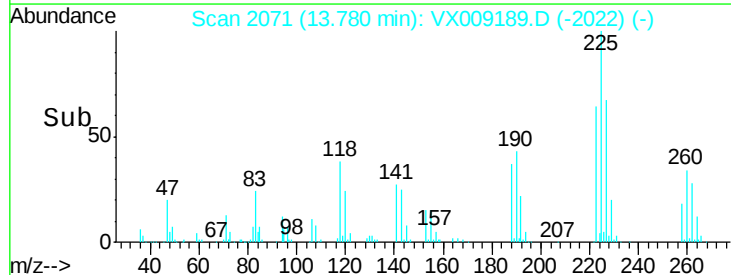
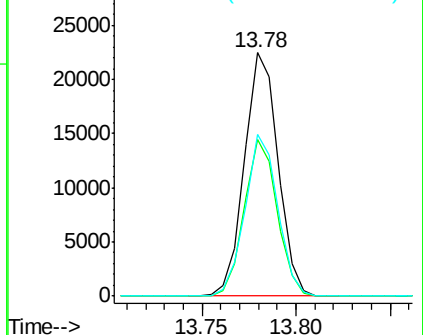


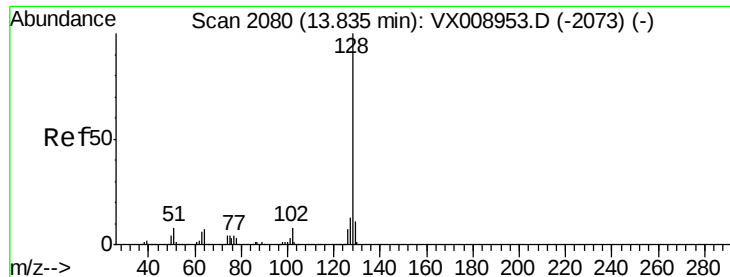
#94
 Hexachlorobutadiene
 Concen: 17.559 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009189.D
 Acq: 26 Apr 2019 15:00

Tgt Ion:225 Resp: 27745
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.1 93.2
 227 64.9 32.0 96.2



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





#95

Naphthalene

Concen: 19.788 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

Instrument :

MSVOA_X

ClientSampleId :

VX0426WBSD01

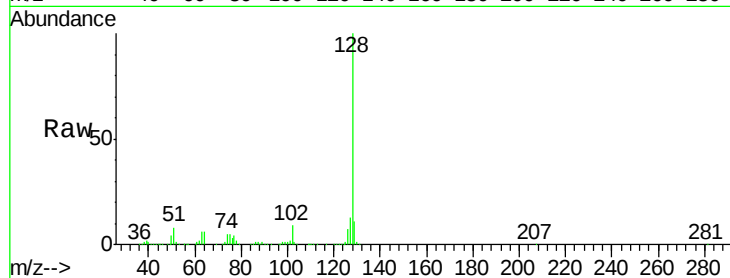
Tot Ion:128 Resp: 200847

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

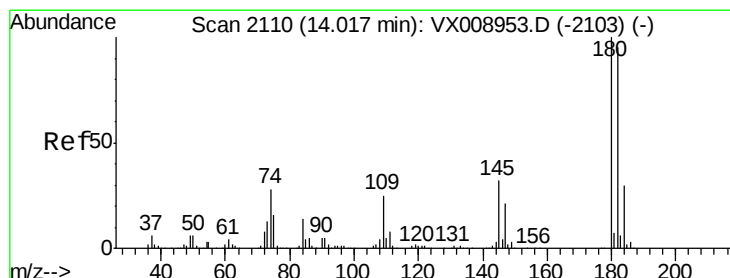
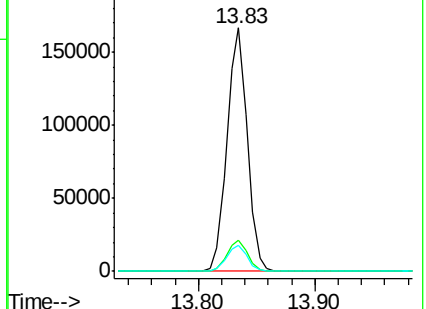
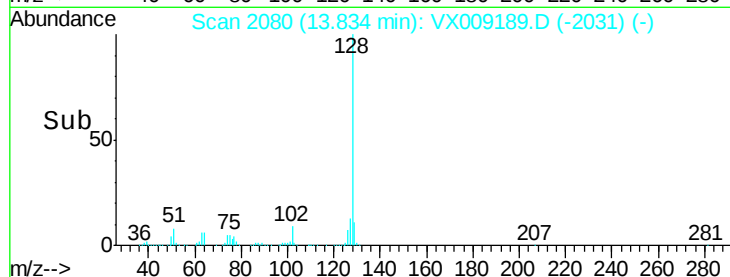
129 11.0 8.6 13.0



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: 19.076 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009189.D

Acq: 26 Apr 2019 15:00

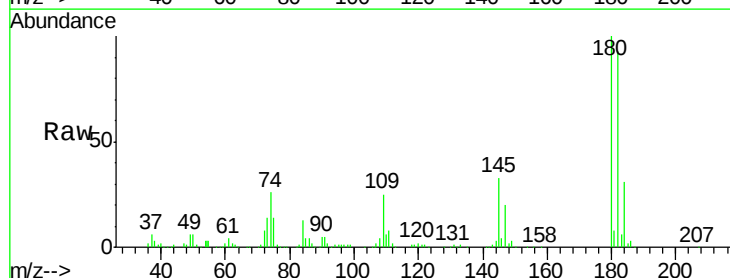
Tgt Ion:180 Resp: 59631

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.4

145 32.0 15.8 47.3



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

