

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004359.D
 Acq On : 04 Sep 2018 20:40
 Operator : JC/MD
 Sample : VX0904MBSD01
 Misc : 5.00µl/10mL/100µL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

Quant Time: Sep 05 06:44:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	314190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	463832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	438373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	196272	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	5.50	113	168862	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	626152	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.14	95	238313	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	66013	18.14	ug/l	97
3) Chloromethane	1.32	50	73545	18.47	ug/l	99
4) Vinyl Chloride	1.40	62	78819	19.15	ug/l	98
5) Bromomethane	1.64	94	35875	16.31	ug/l	97
6) Chloroethane	1.72	64	52498	17.30	ug/l	100
7) Trichlorofluoromethane	1.92	101	106396	18.86	ug/l	94
8) Diethyl Ether	2.18	74	48656	20.14	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66855	18.92	ug/l	98
10) Methyl Iodide	2.51	142	64305	19.02	ug/l	99
11) Tert butyl alcohol	3.07	59	95056	108.89	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63443	19.06	ug/l	98
13) Acrolein	2.29	56	22161	105.30	ug/l	98
14) Allyl chloride	2.72	41	118642	19.40	ug/l	98
15) Acrylonitrile	3.15	53	222483	102.92	ug/l	99
16) Acetone	2.45	43	178806	102.19	ug/l	100
17) Carbon Disulfide	2.56	76	147734	16.52	ug/l	98
18) Methyl Acetate	2.78	43	157739	25.96	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	229407	20.91	ug/l	99
20) Methylene Chloride	2.86	84	76476	19.40	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	68901	18.70	ug/l	96
22) Diisopropyl ether	3.87	45	229714	20.12	ug/l	99
23) Vinyl Acetate	3.82	43	871900	94.22	ug/l	99
24) 1,1-Dichloroethane	3.69	63	134303	20.18	ug/l	100
25) 2-Butanone	4.70	43	290012	104.03	ug/l	99
26) 2,2-Dichloropropane	4.58	77	84134	16.12	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	80993	19.38	ug/l	97
28) Bromochloromethane	5.01	49	59467	20.19	ug/l	99
29) Tetrahydrofuran	5.16	42	184035	104.60	ug/l	100
30) Chloroform	5.21	83	131905	19.77	ug/l	99
31) Cyclohexane	5.57	56	106753	18.59	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	108786	19.55	ug/l	99
36) 1,1-Dichloropropene	5.79	75	95926	18.40	ug/l	100
37) Ethyl Acetate	4.86	43	100560	19.61	ug/l	99
38) Carbon Tetrachloride	5.78	117	91944	18.74	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004359.D
 Acq On : 04 Sep 2018 20:40
 Operator : JC/MD
 Sample : VX0904MBSD01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0904MBSD01

Quant Time: Sep 05 06:44:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	108032	18.15	ug/l	98
40) Benzene	6.14	78	300336	19.28	ug/l	100
41) Methacrylonitrile	5.06	41	59786	20.11	ug/l	99
42) 1,2-Dichloroethane	6.20	62	101500	19.10	ug/l	99
43) Isopropyl Acetate	6.46	43	157095	19.94	ug/l	99
44) Trichloroethene	7.21	130	82013	19.02	ug/l	97
45) 1,2-Dichloropropane	7.52	63	77912	19.98	ug/l	99
46) Dibromomethane	7.67	93	49397	19.02	ug/l	98
47) Bromodichloromethane	7.90	83	92846	19.22	ug/l	100
48) Methyl methacrylate	7.78	41	83031	19.69	ug/l	98
49) 1,4-Dioxane	7.76	88	40811	426.29	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	558474	97.54	ug/l	99
52) Toluene	8.79	92	191988	19.68	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	98699	18.50	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	112876	19.42	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	78989	20.06	ug/l	98
56) Ethyl methacrylate	9.18	69	107894	20.13	ug/l	98
57) 1,3-Dichloropropane	9.37	76	133259	20.08	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	269772	98.23	ug/l	100
59) 2-Hexanone	9.50	43	421688	96.54	ug/l	100
60) Dibromochloromethane	9.59	129	73822	19.24	ug/l	99
61) 1,2-Dibromoethane	9.67	107	80221	19.69	ug/l	99
64) Tetrachloroethene	9.34	164	87782	20.27	ug/l	99
65) Chlorobenzene	10.14	112	205523	18.68	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	70773	18.65	ug/l	99
67) Ethyl Benzene	10.25	91	336935	18.86	ug/l	97
68) m/p-Xylenes	10.36	106	267177	38.24	ug/l	96
69) o-Xylene	10.70	106	133118	20.14	ug/l	100
70) Styrene	10.71	104	220513	20.61	ug/l	100
71) Bromoform	10.86	173	55464	18.13	ug/l	97
73) Isopropylbenzene	11.02	105	362833	21.20	ug/l	100
74) N-amyl acetate	10.90	43	132781	20.15	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	118044	19.71	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	131223	24.76	ug/l	86
77) Bromobenzene	11.26	156	97129	20.23	ug/l	99
78) n-propylbenzene	11.36	91	402026	20.42	ug/l	99
79) 2-Chlorotoluene	11.42	91	247218	20.40	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	298844	21.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28798	17.63	ug/l	97
82) 4-Chlorotoluene	11.51	91	285830	20.05	ug/l	100
83) tert-Butylbenzene	11.77	119	294095	20.62	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	306711	21.08	ug/l	100
85) sec-Butylbenzene	11.94	105	364739	21.54	ug/l	100
86) p-Isopropyltoluene	12.07	119	325875	21.48	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	176325	19.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181142	19.01	ug/l	99
89) n-Butylbenzene	12.39	91	243282	19.72	ug/l	99
90) Hexachloroethane	12.60	117	42698	20.13	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	163773	19.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21156	20.05	ug/l	95

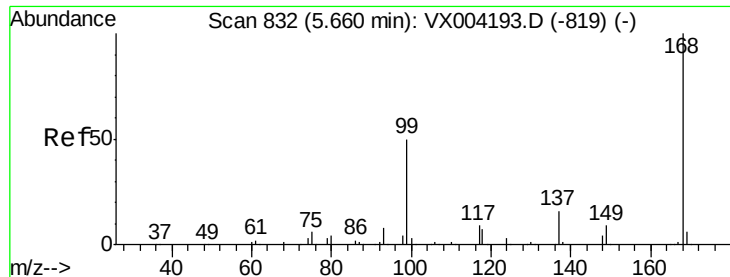
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
Data File : VX004359.D
Acq On : 04 Sep 2018 20:40
Operator : JC/MD
Sample : VX0904MBSD01
Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0904MBSD01

Quant Time: Sep 05 06:44:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124166	20.66	ug/l	96
94) Hexachlorobutadiene	13.78	225	61884	22.05	ug/l	98
95) Naphthalene	13.83	128	381604	22.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132893	20.88	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

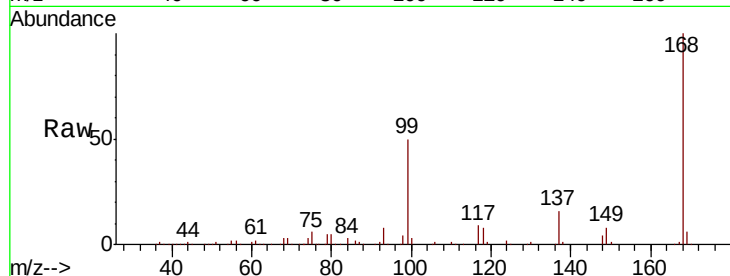
VX0904MBSD01

Tot Ion:168 Resp: 314190

Ion Ratio Lower Upper

168 100

99 49.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

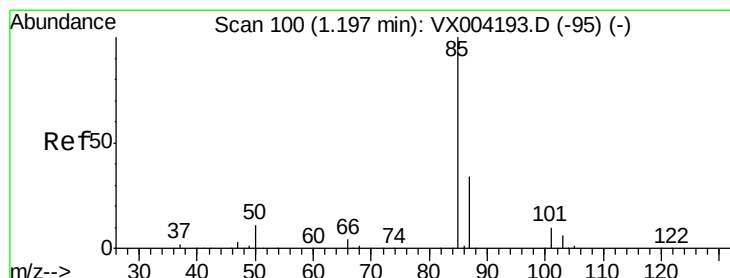
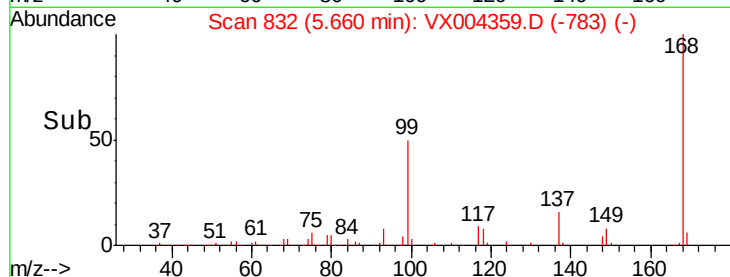
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.14 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004359.D

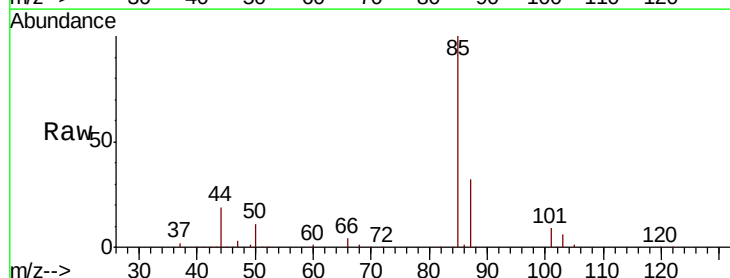
Acq: 04 Sep 2018 20:40

Tgt Ion: 85 Resp: 66013

Ion Ratio Lower Upper

85 100

87 32.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

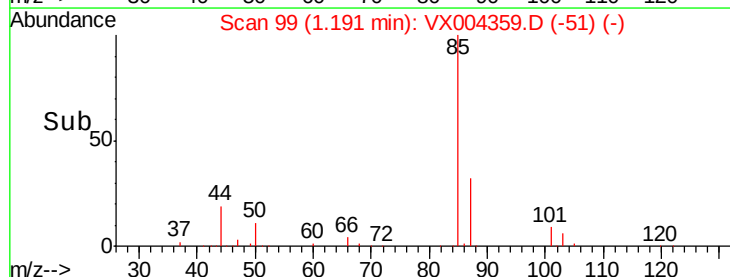
60000

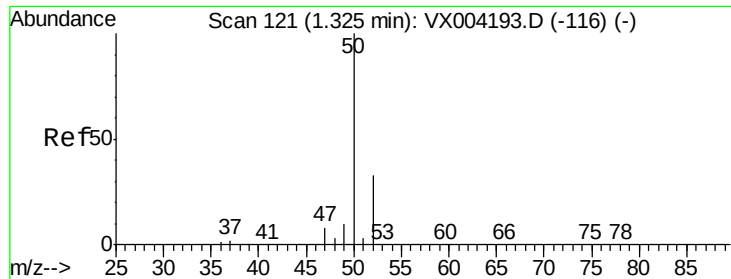
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.47 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

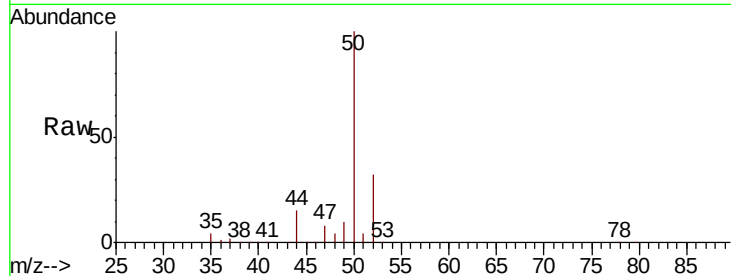
VX0904MBSD01

Tot Ion: 50 Resp: 73545

Ion Ratio Lower Upper

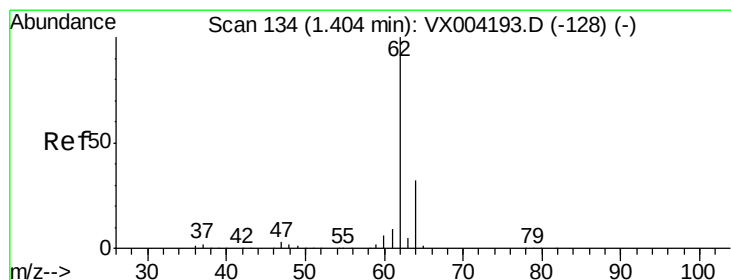
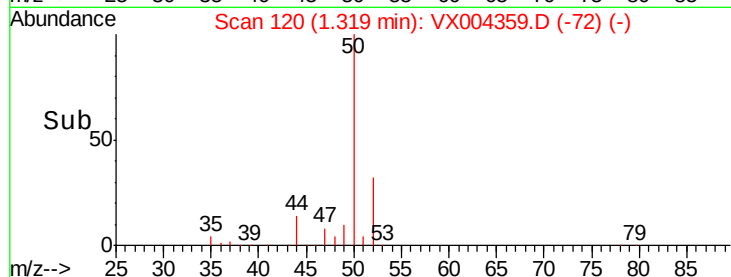
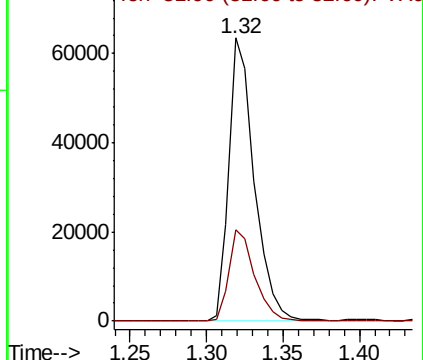
50 100

52 32.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.15 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004359.D

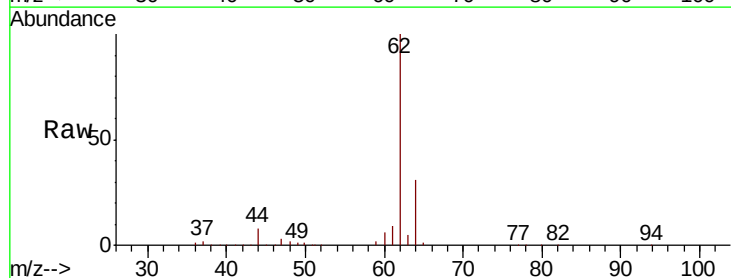
Acq: 04 Sep 2018 20:40

Tgt Ion: 62 Resp: 78819

Ion Ratio Lower Upper

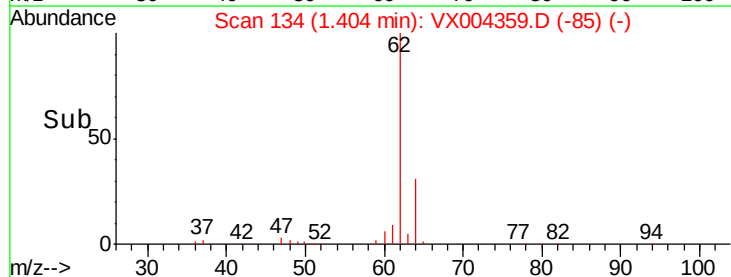
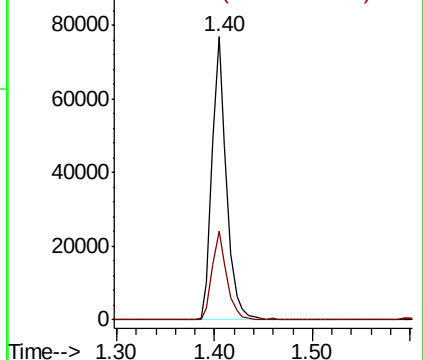
62 100

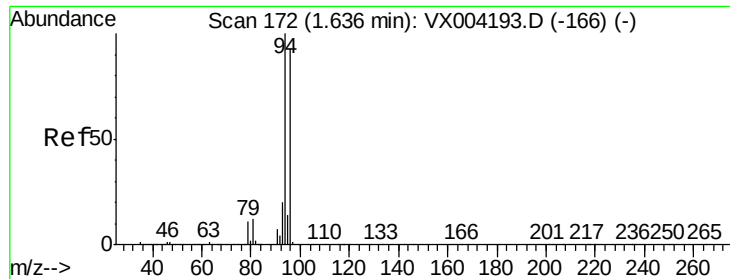
64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 16.31 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

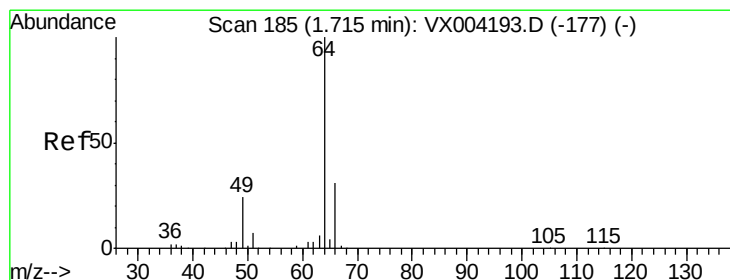
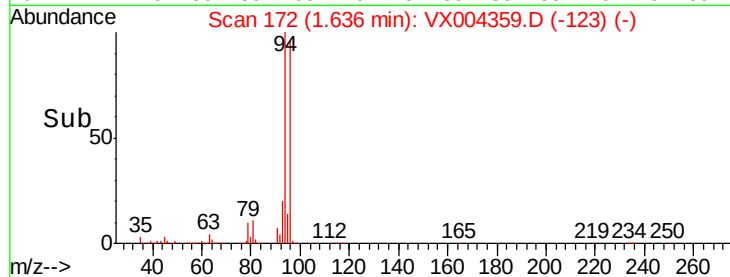
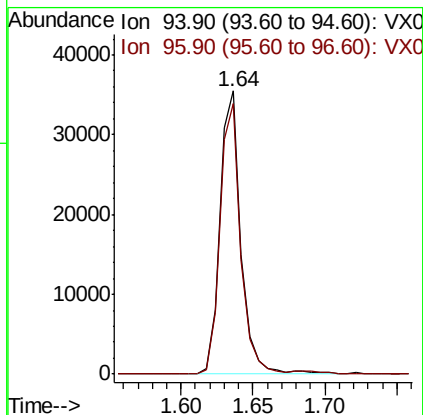
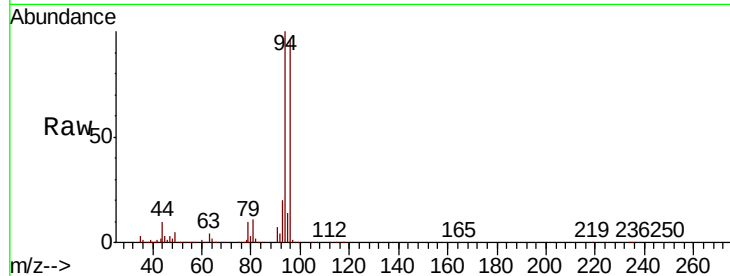
VX0904MBSD01

Tot Ion: 94 Resp: 35875

Ion Ratio Lower Upper

94 100

96 95.8 74.5 111.7



#6

Chloroethane

Concen: 17.30 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX004359.D

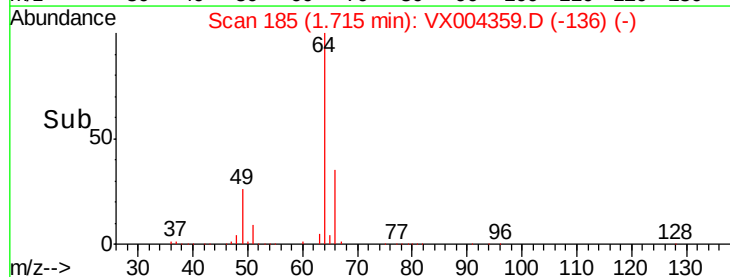
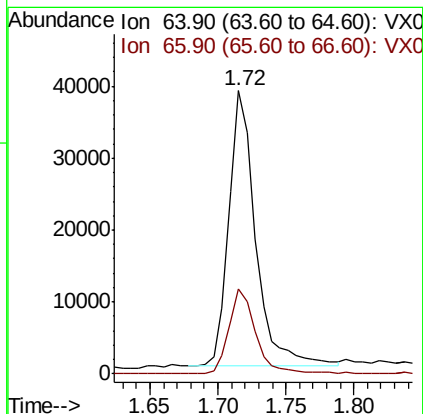
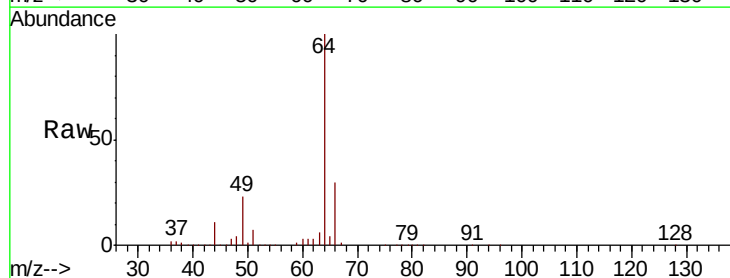
Acq: 04 Sep 2018 20:40

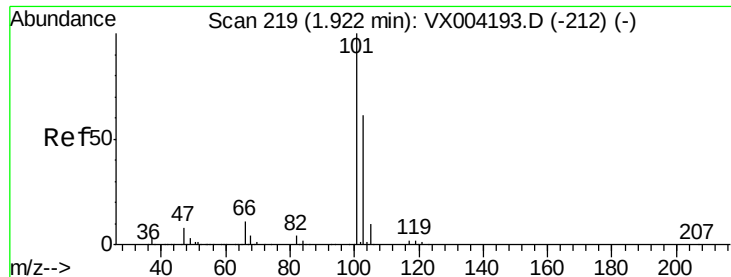
Tgt Ion: 64 Resp: 52498

Ion Ratio Lower Upper

64 100

66 30.6 24.6 36.8



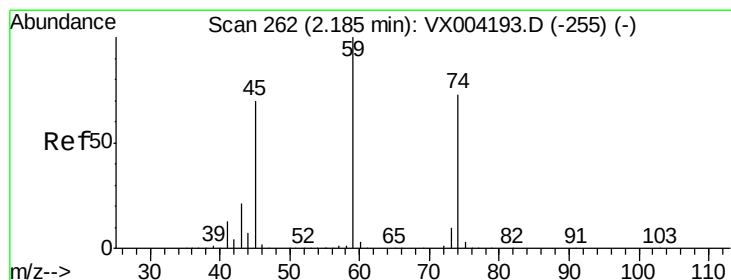
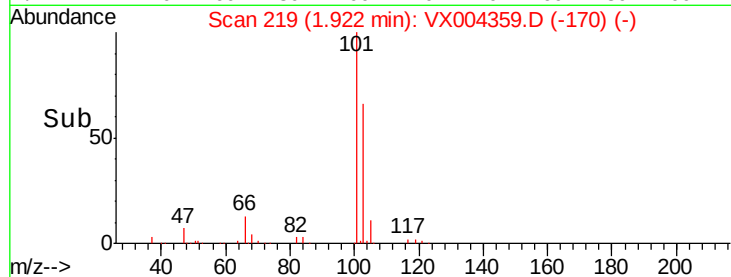
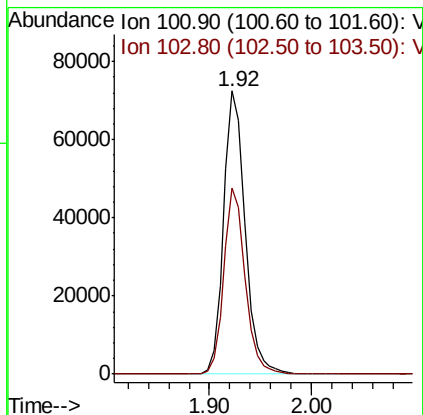
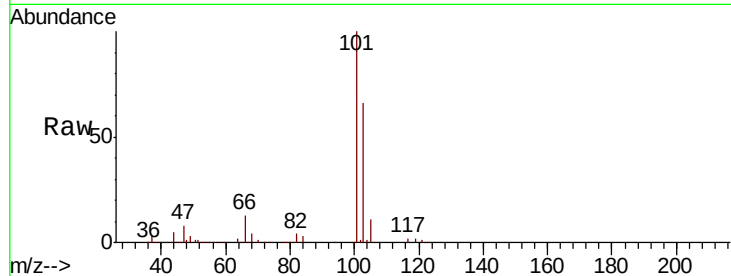


#7

Trichlorofluoromethane
 Concen: 18.86 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

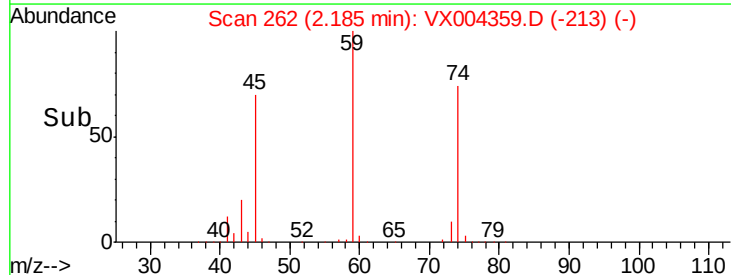
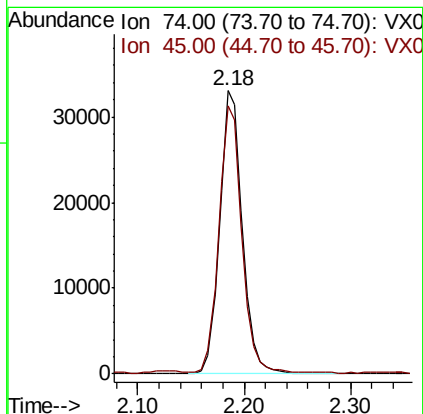
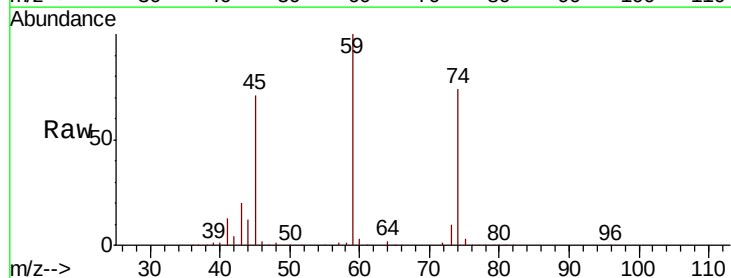
Tot Ion:101 Resp: 106396
 Ion Ratio Lower Upper
 101 100
 103 65.8 48.9 73.3

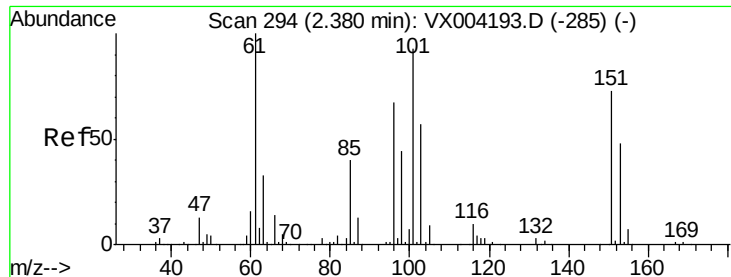


#8

Diethyl Ether
 Concen: 20.14 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion: 74 Resp: 48656
 Ion Ratio Lower Upper
 74 100
 45 95.2 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.92 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

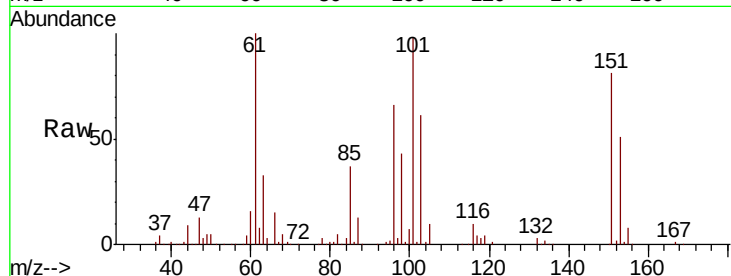
Tot Ion:101 Resp: 66855

Ion Ratio Lower Upper

101 100

85 41.8 34.2 51.4

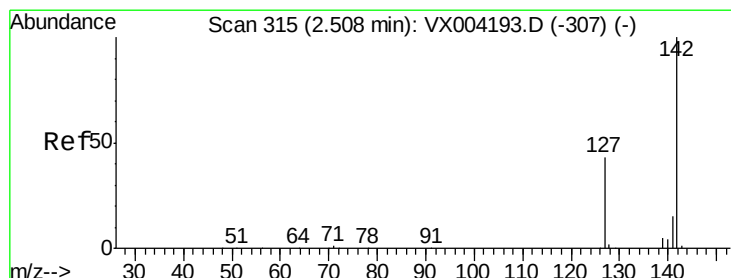
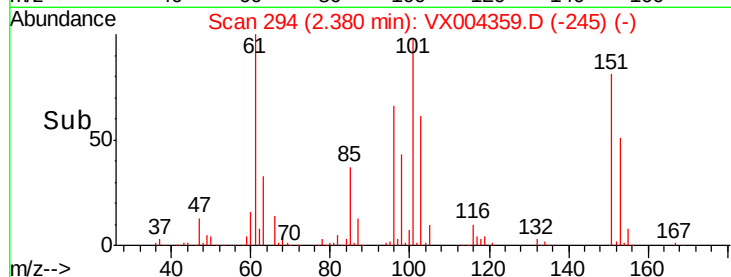
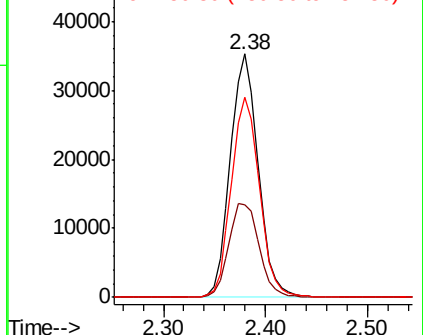
151 82.9 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.02 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

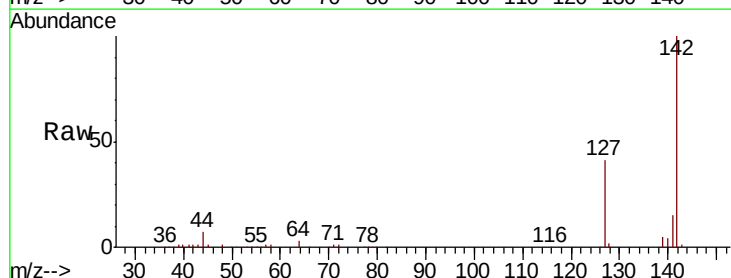
Tgt Ion:142 Resp: 64305

Ion Ratio Lower Upper

142 100

127 41.1 33.8 50.6

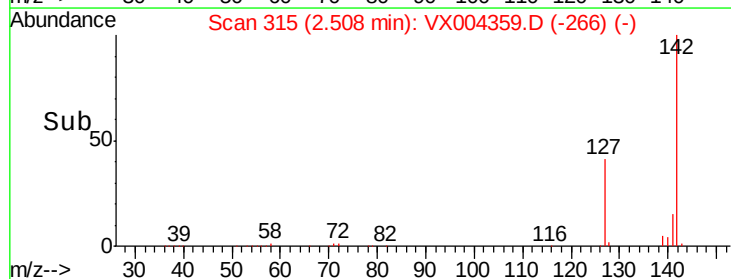
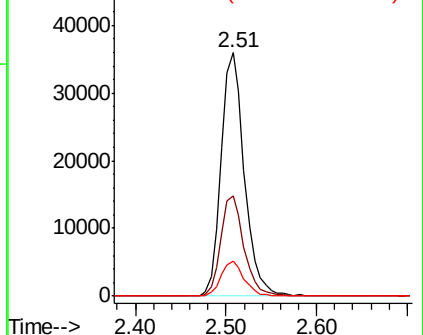
141 14.2 11.4 17.0

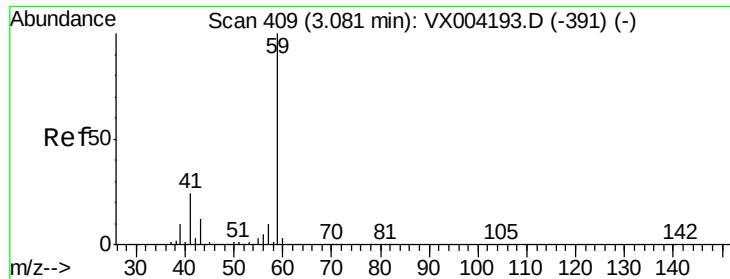


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

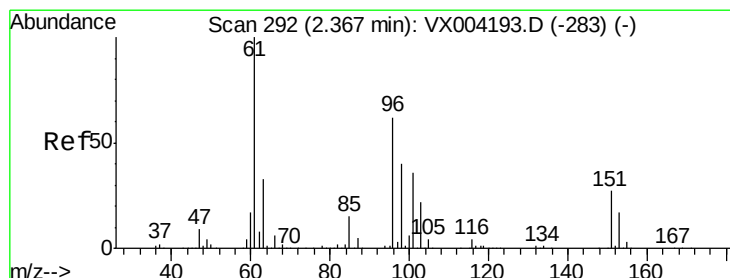
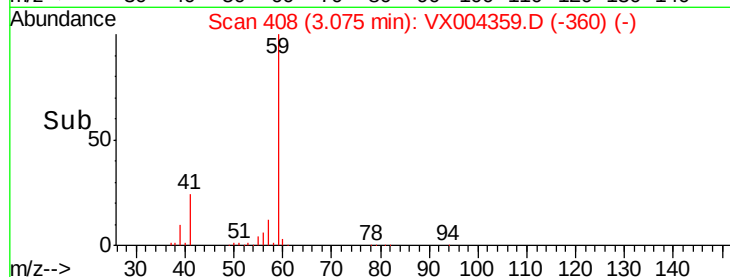
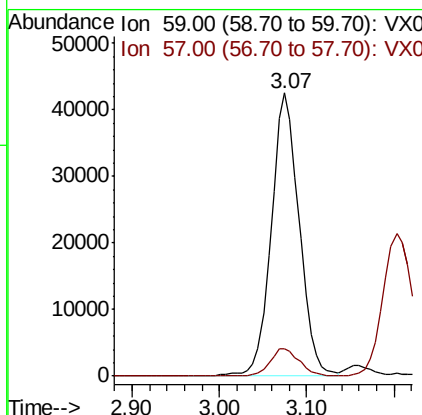
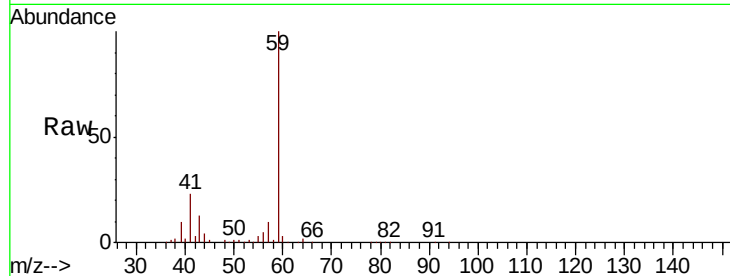




#11
Tert butyl alcohol
Concen: 108.89 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

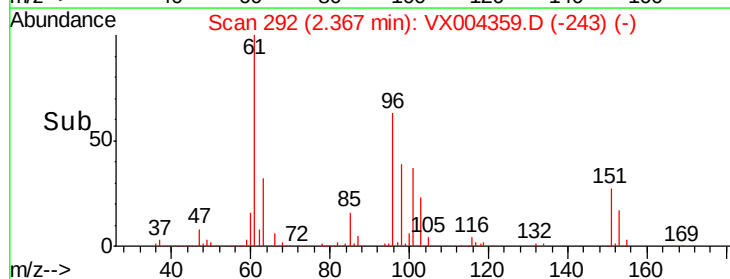
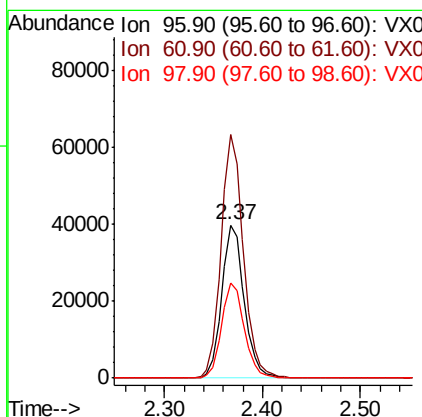
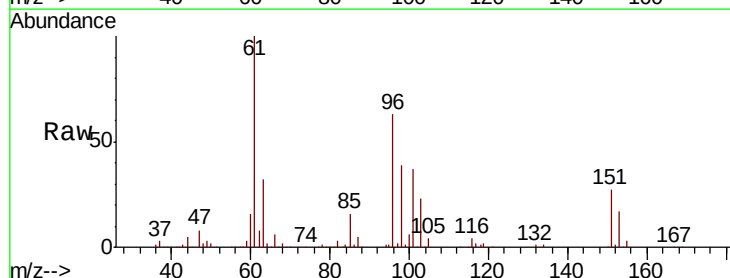
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBSD01

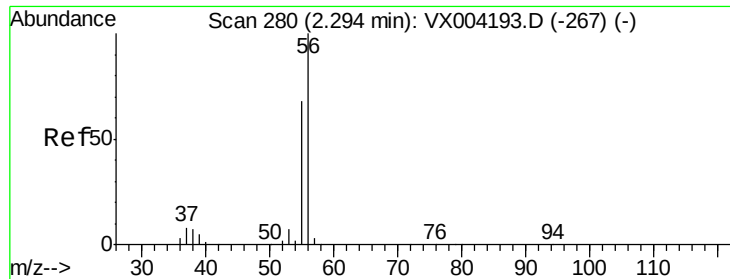
Tot Ion: 59 Resp: 95056
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.06 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Tgt Ion: 96 Resp: 63443
Ion Ratio Lower Upper
96 100
61 159.3 128.8 193.2
98 61.9 52.2 78.2





#13

Acrolein

Concen: 105.30 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

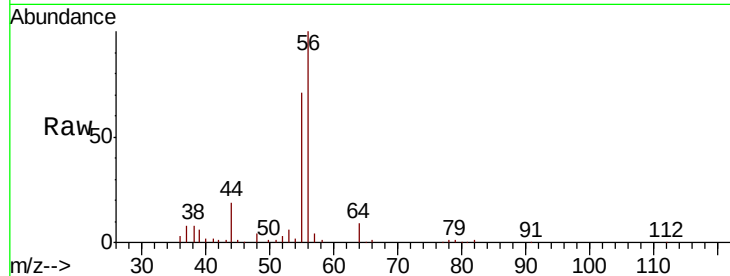
VX0904MBSD01

Tot Ion: 56 Resp: 22161

Ion Ratio Lower Upper

56 100

55 70.4 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

15000

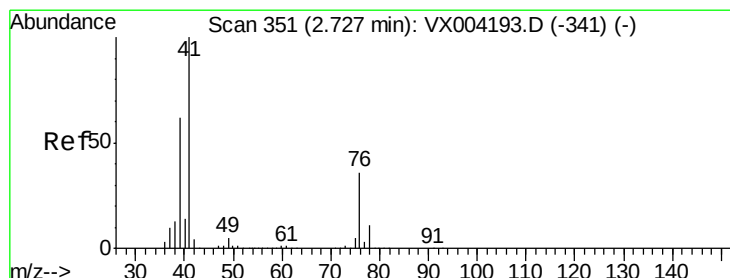
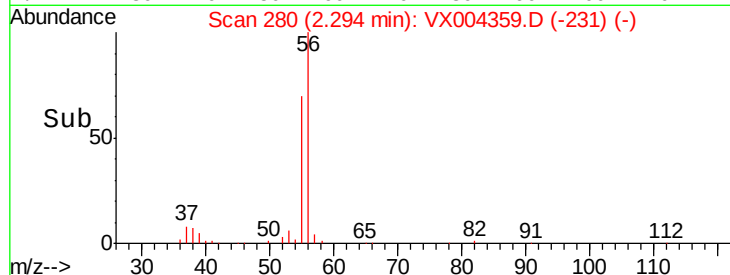
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 19.40 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

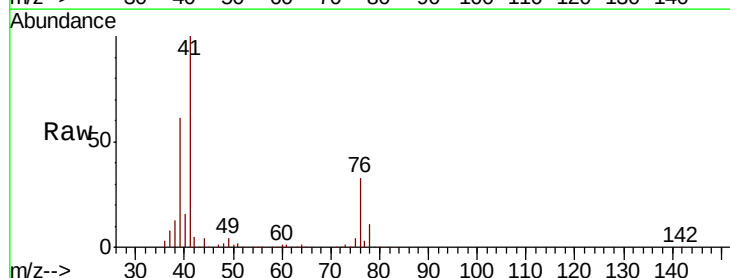
Tgt Ion: 41 Resp: 118642

Ion Ratio Lower Upper

41 100

39 58.9 48.9 73.3

76 32.9 26.7 40.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

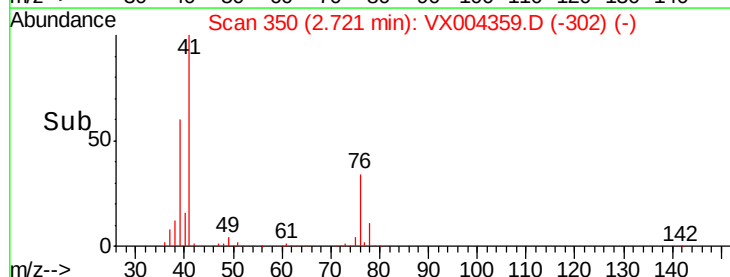
40000

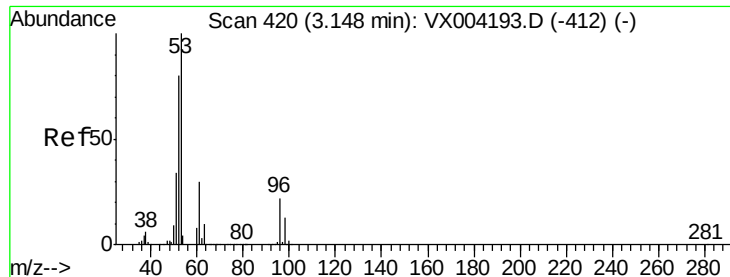
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 102.92 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

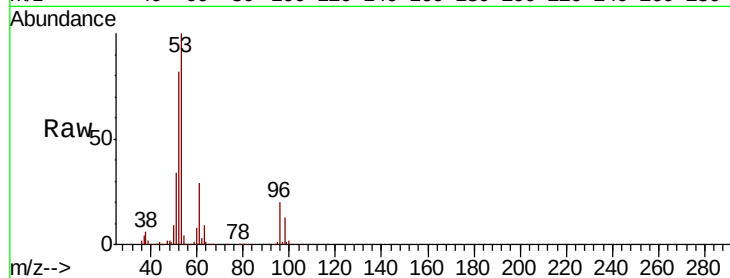
Tot Ion: 53 Resp: 222483

Ion Ratio Lower Upper

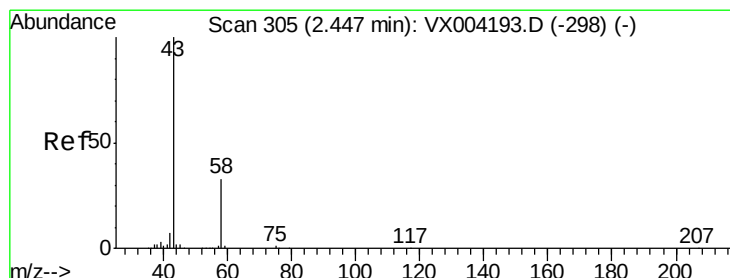
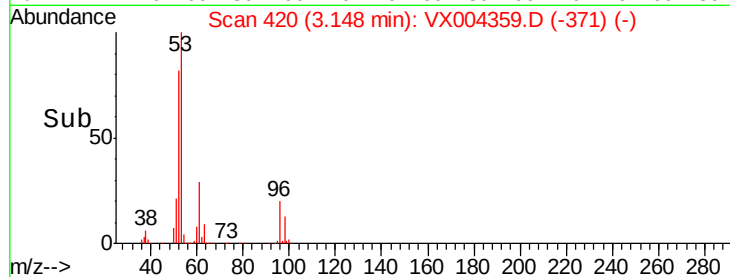
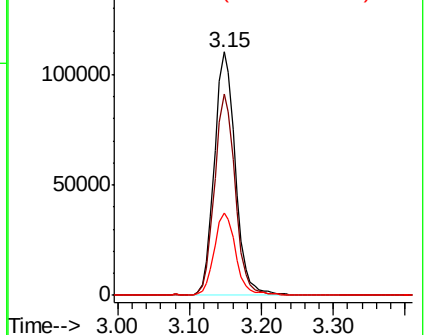
53 100

52 81.3 65.2 97.8

51 34.5 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 102.19 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004359.D

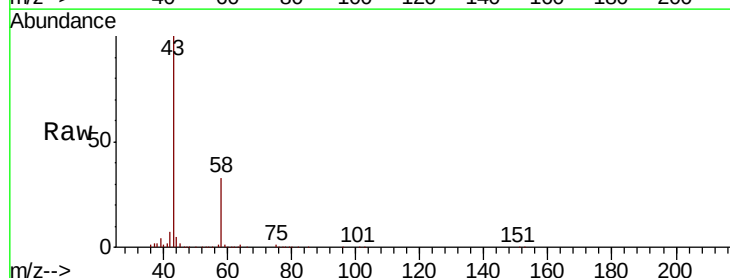
Acq: 04 Sep 2018 20:40

Tgt Ion: 43 Resp: 178806

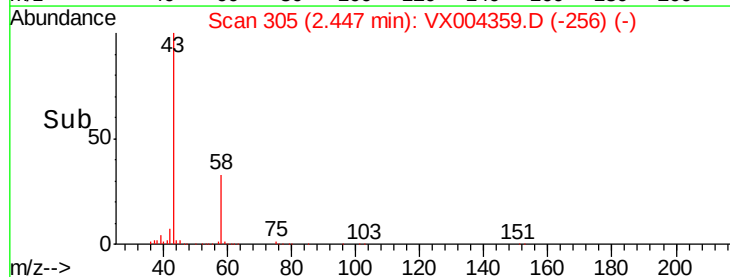
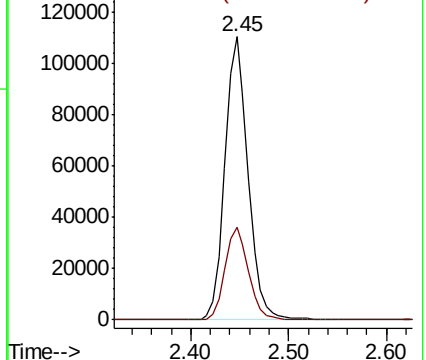
Ion Ratio Lower Upper

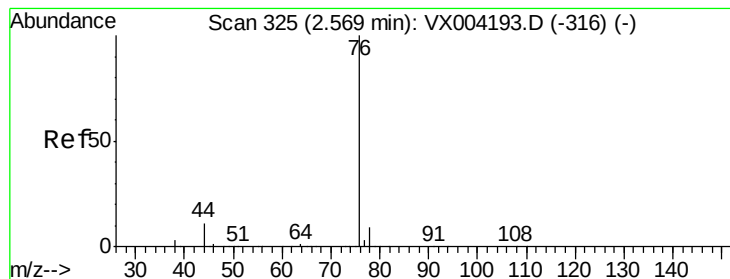
43 100

58 32.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.52 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

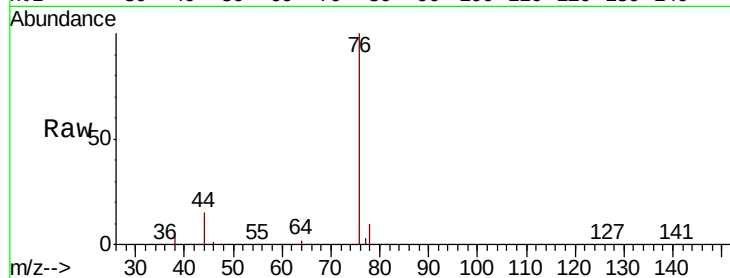
VX0904MBSD01

Tot Ion: 76 Resp: 147734

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

80000

60000

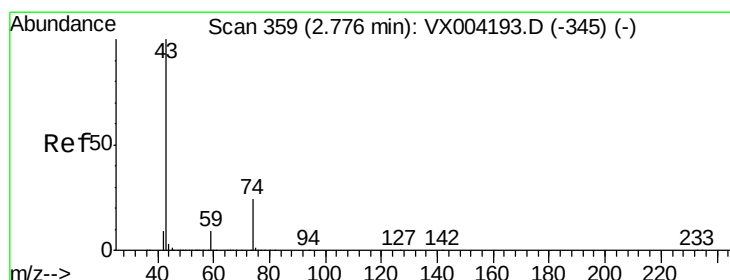
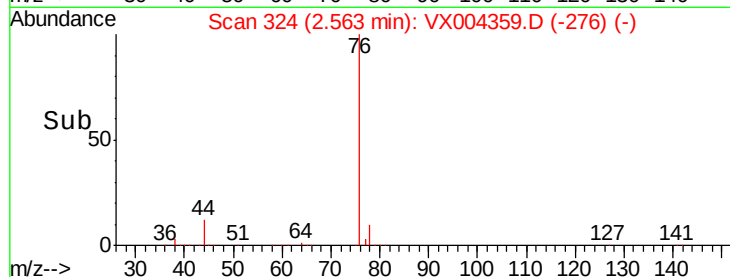
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 25.96 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX004359.D

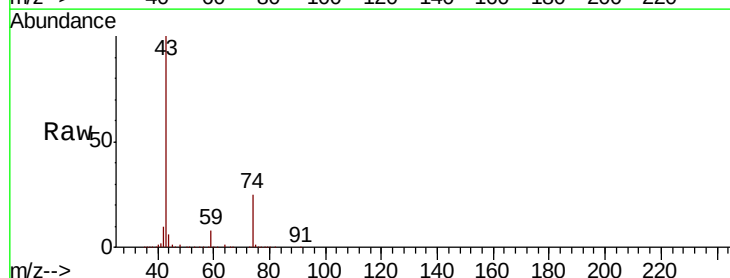
Acq: 04 Sep 2018 20:40

Tgt Ion: 43 Resp: 157739

Ion Ratio Lower Upper

43 100

74 24.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

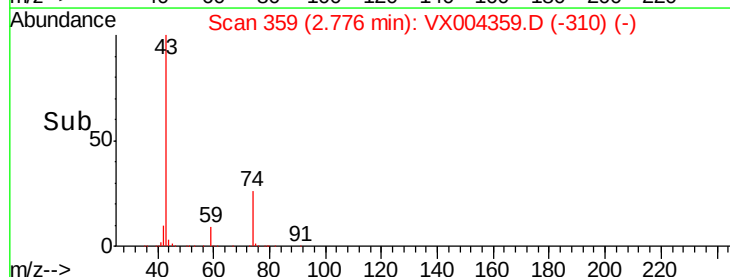
40000

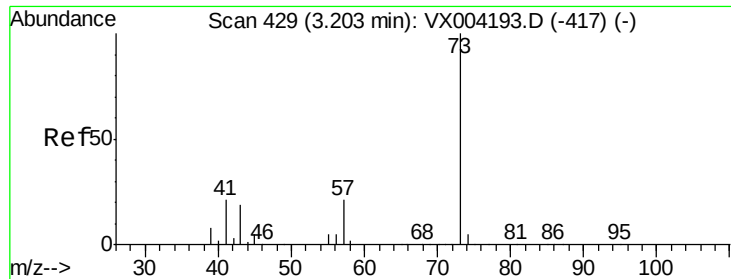
20000

0

Time-->

2.70 2.80 2.90

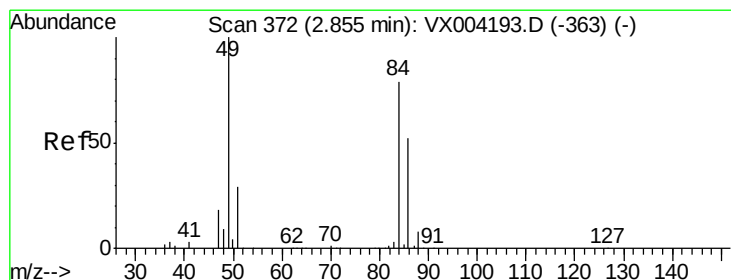
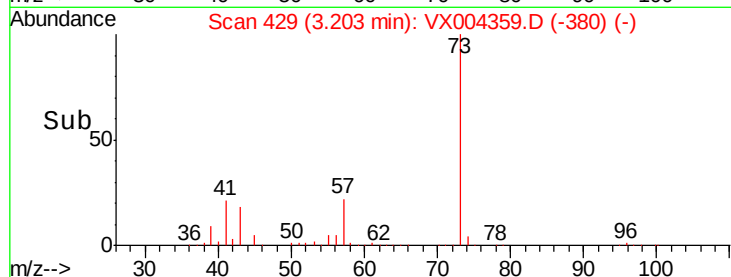
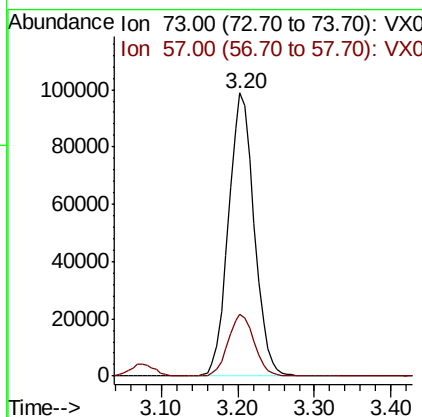
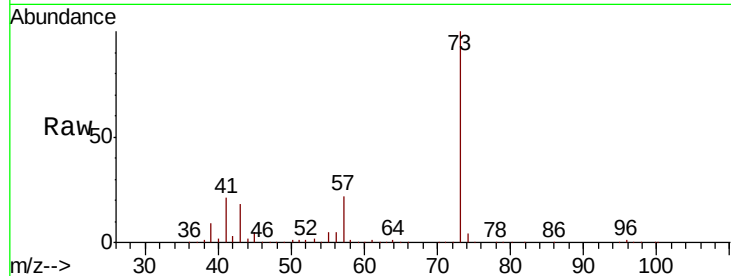




#19
Methyl tert-butyl Ether
Concen: 20.91 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

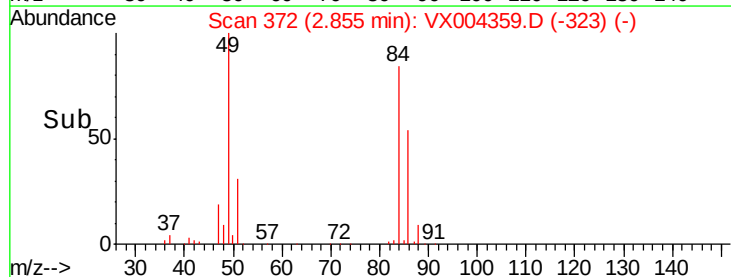
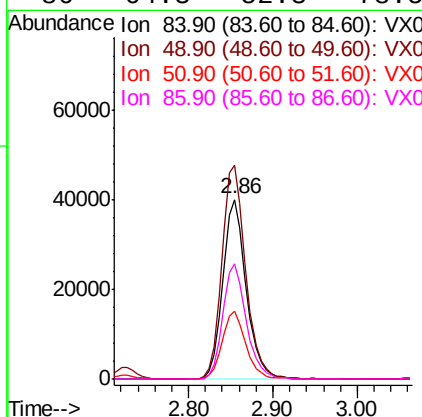
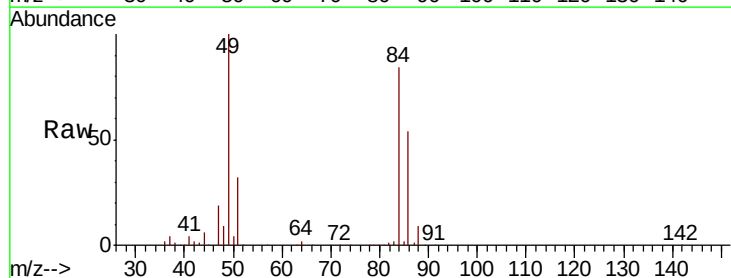
Instrument :
MSVOA_X
ClientSampleID :
VX0904MBSD01

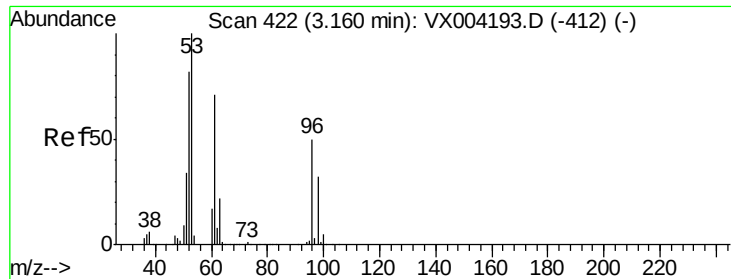
Tot Ion: 73 Resp: 229407
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7



#20
Methylene Chloride
Concen: 19.40 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Tgt Ion: 84 Resp: 76476
Ion Ratio Lower Upper
84 100
49 119.1 101.2 151.8
51 37.4 29.5 44.3
86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.70 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

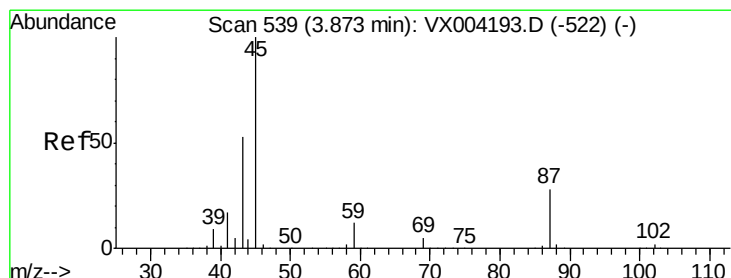
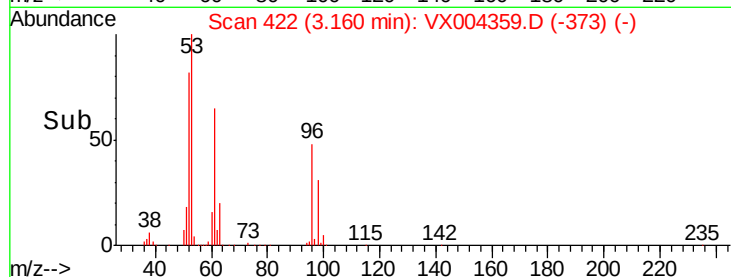
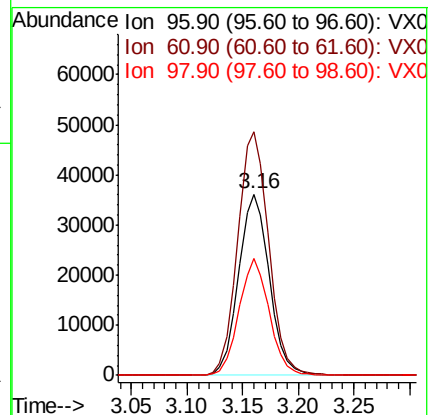
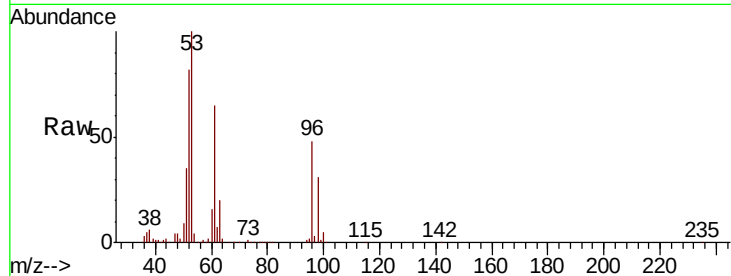
Tot Ion: 96 Resp: 68901

Ion Ratio Lower Upper

96 100

61 134.3 113.8 170.6

98 64.9 51.8 77.8



#22

Diisopropyl ether

Concen: 20.12 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Tgt Ion: 45 Resp: 229714

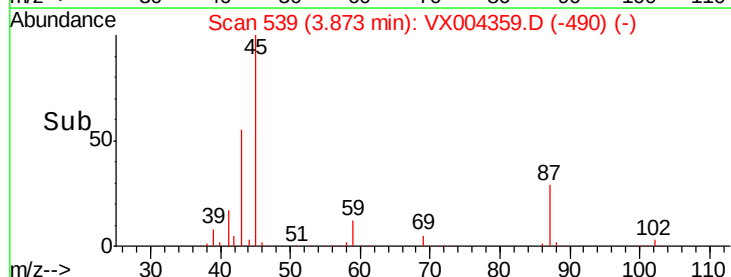
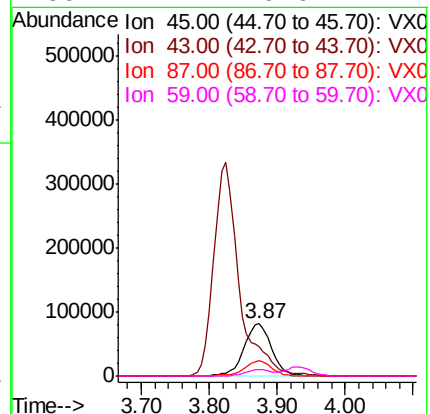
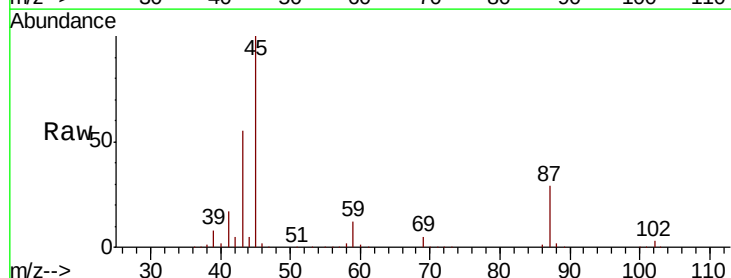
Ion Ratio Lower Upper

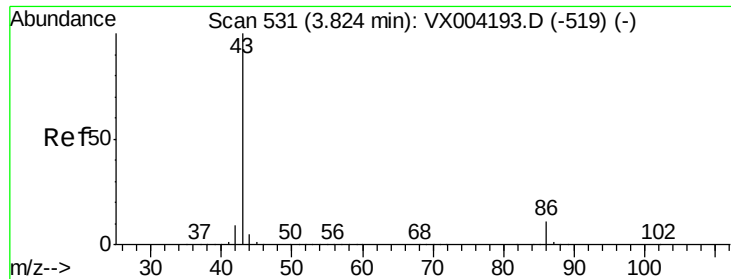
45 100

43 54.8 42.8 64.2

87 28.9 22.6 34.0

59 12.1 9.6 14.4





#23

Vinyl Acetate

Concen: 94.22 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleID :

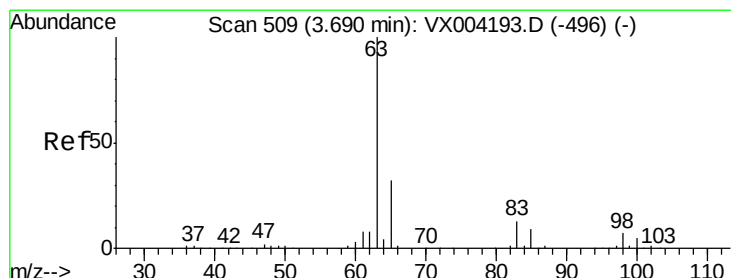
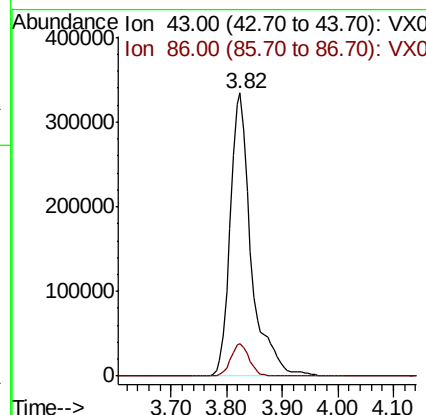
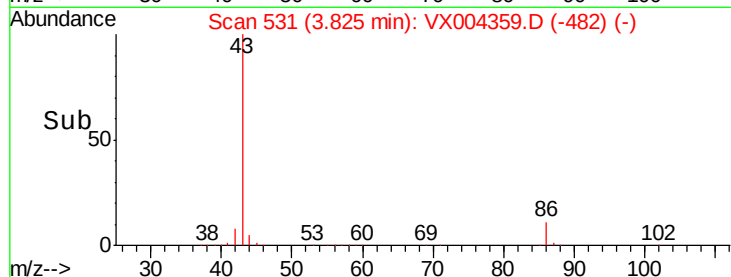
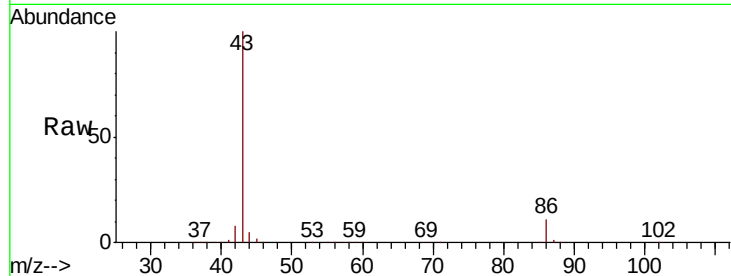
VX0904MBSD01

Tot Ion: 43 Resp: 871900

Ion Ratio Lower Upper

43 100

86 11.4 8.9 13.3



#24

1,1-Dichloroethane

Concen: 20.18 ug/l

RT: 3.69 min Scan# 509

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

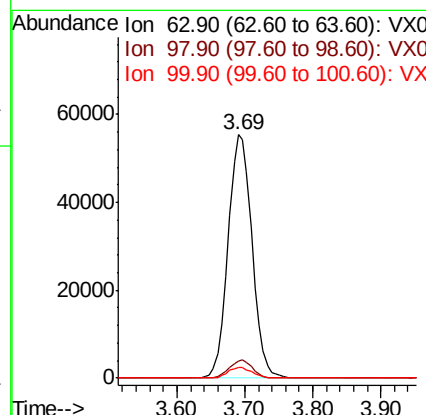
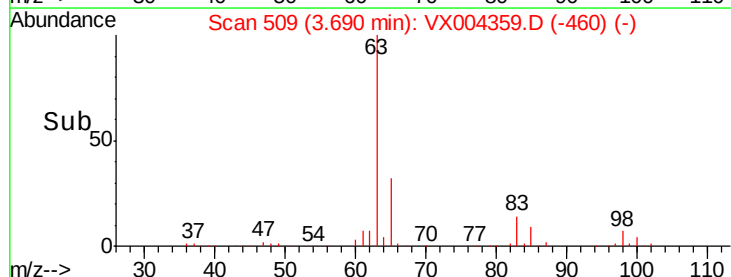
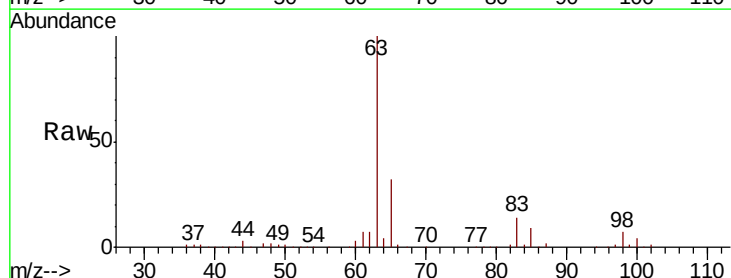
Tgt Ion: 63 Resp: 134303

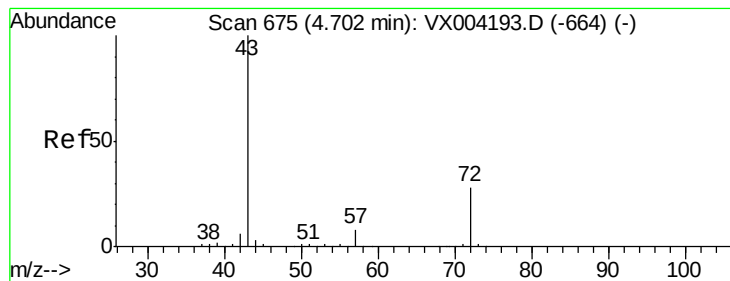
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 104.03 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

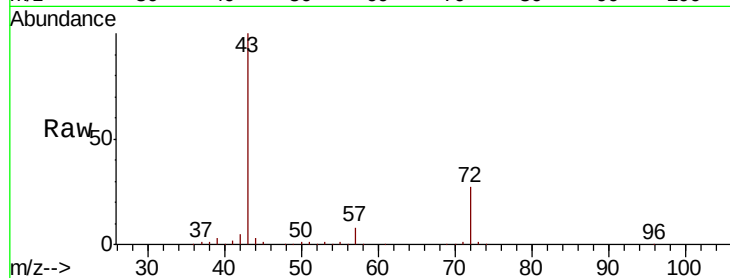
VX0904MBSD01

Tot Ion: 43 Resp: 290012

Ion Ratio Lower Upper

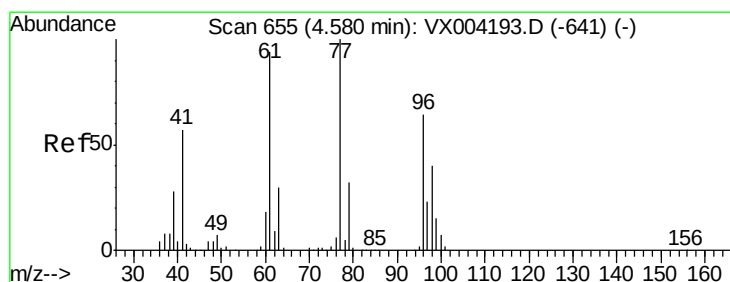
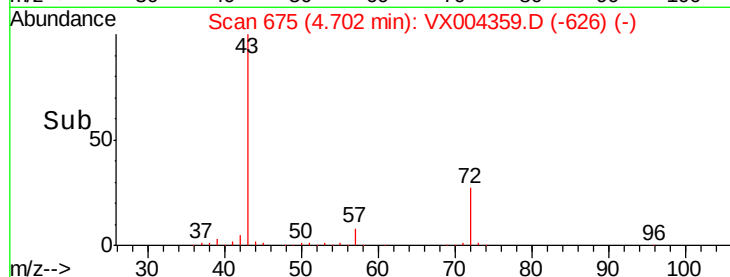
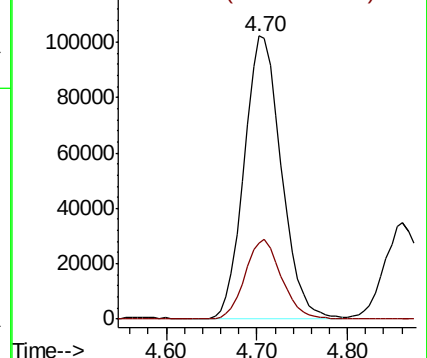
43 100

72 26.9 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.12 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX004359.D

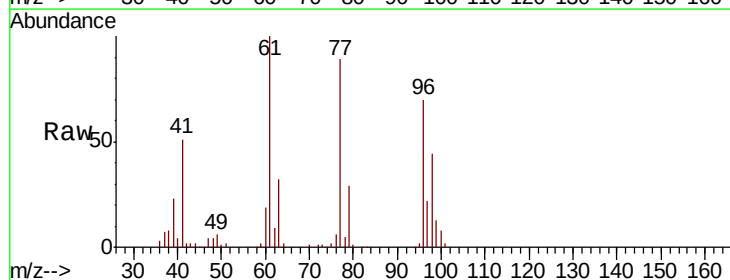
Acq: 04 Sep 2018 20:40

Tgt Ion: 77 Resp: 84134

Ion Ratio Lower Upper

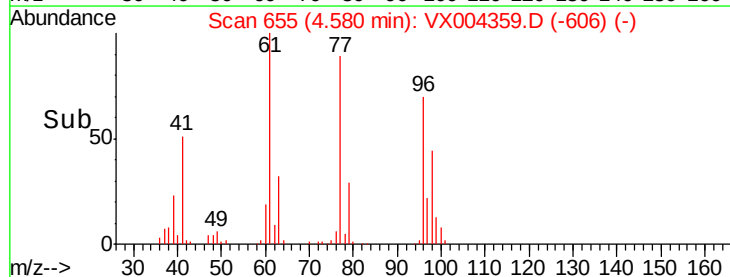
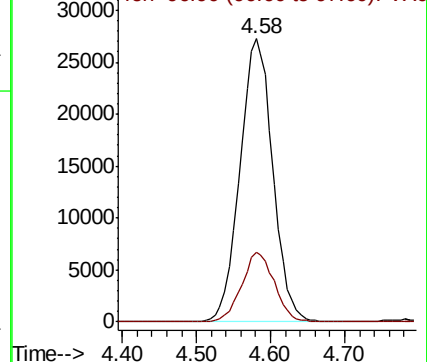
77 100

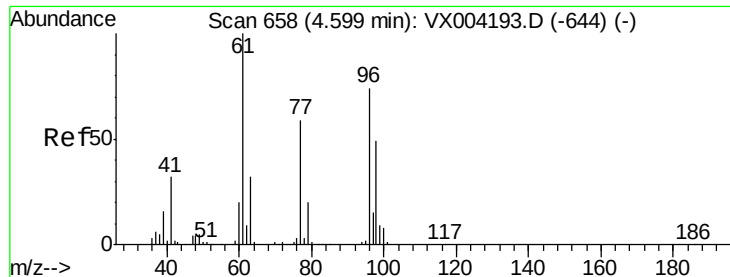
97 24.4 11.7 35.0



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: 19.38 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

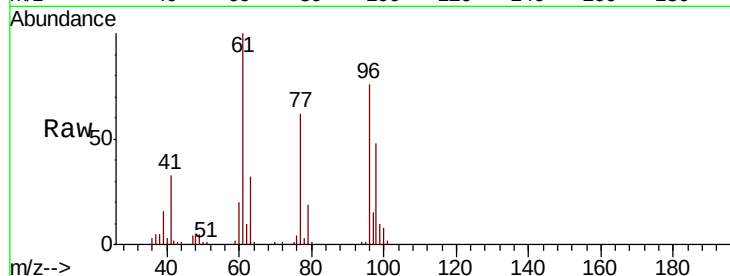
Tot Ion: 96 Resp: 80993

Ion Ratio Lower Upper

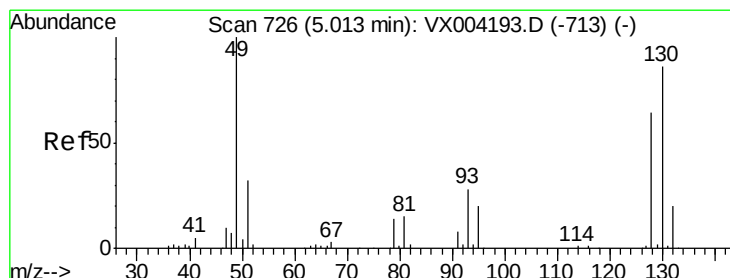
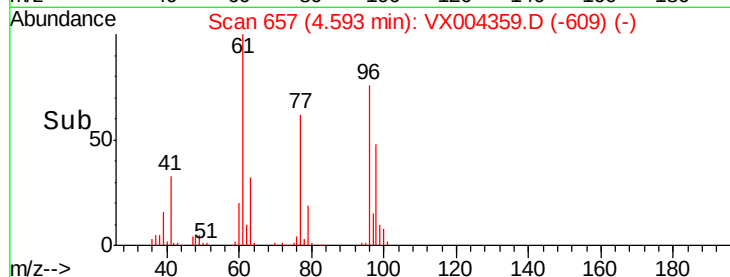
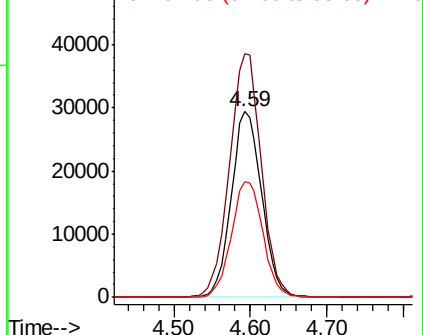
96 100

61 137.2 0.0 282.6

98 64.3 0.0 130.2



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



#28

Bromochloromethane

Concen: 20.19 ug/l

RT: 5.01 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

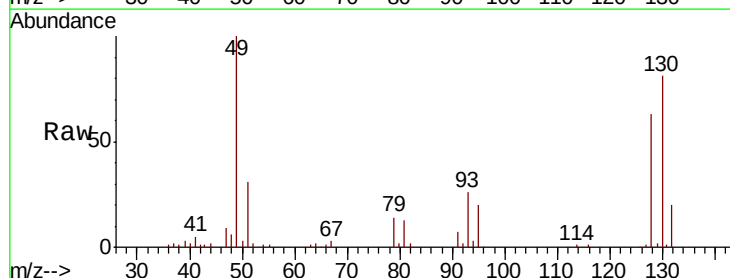
Tgt Ion: 49 Resp: 59467

Ion Ratio Lower Upper

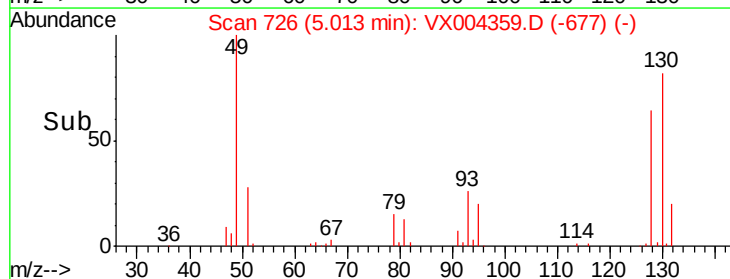
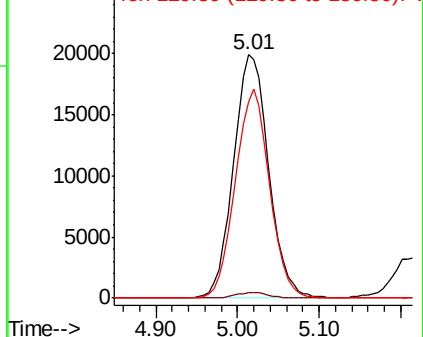
49 100

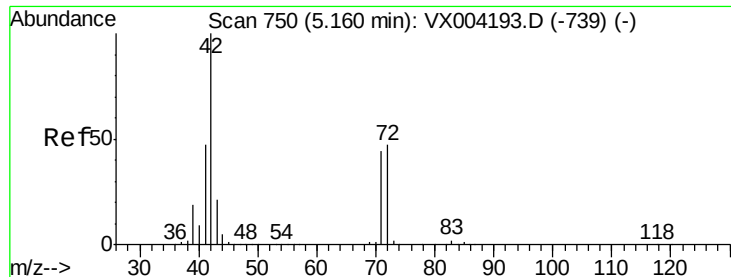
129 2.3 0.0 4.2

130 83.4 67.5 101.3



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





#29

Tetrahydrofuran

Concen: 104.60 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

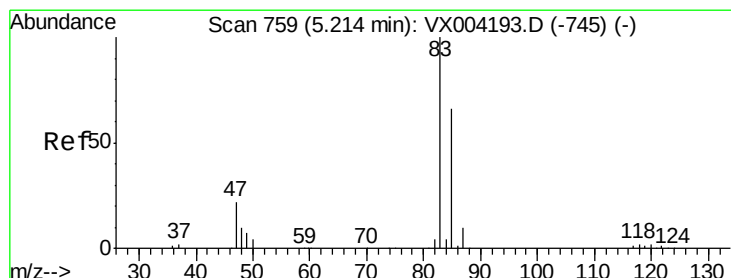
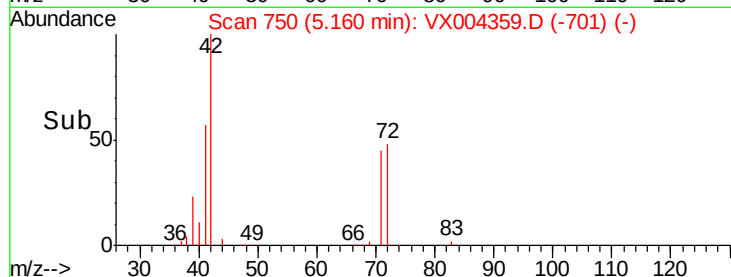
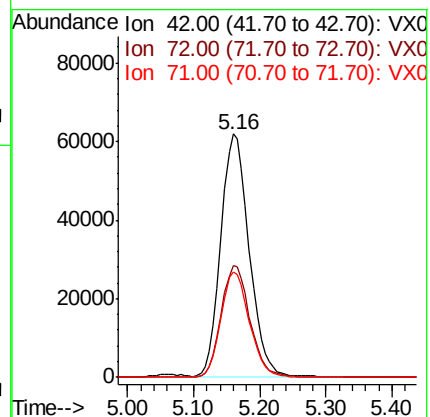
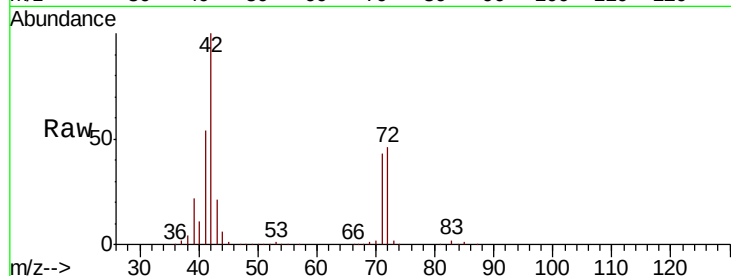
Tot Ion: 42 Resp: 184035

Ion Ratio Lower Upper

42 100

72 46.9 37.4 56.0

71 43.6 34.5 51.7



#30

Chloroform

Concen: 19.77 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004359.D

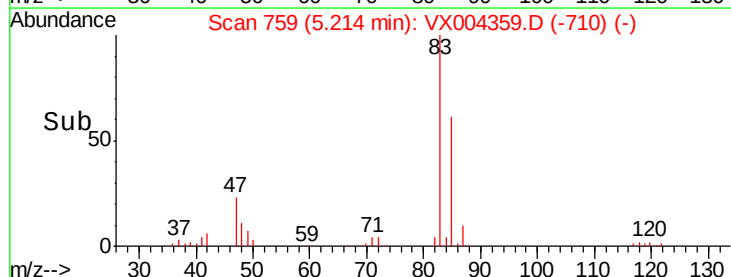
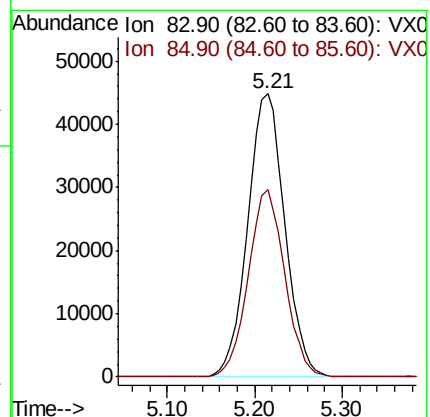
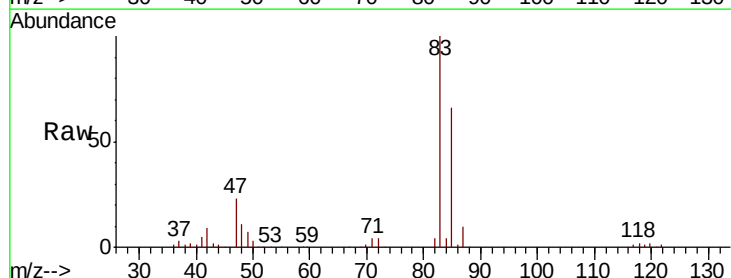
Acq: 04 Sep 2018 20:40

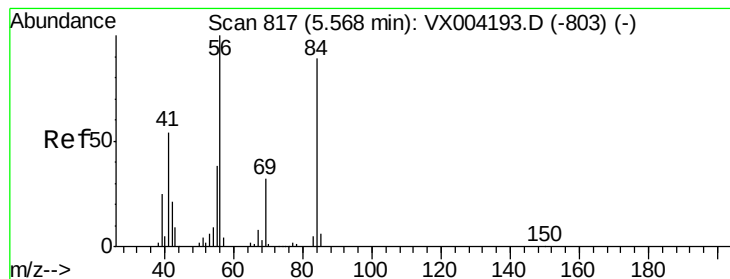
Tgt Ion: 83 Resp: 131905

Ion Ratio Lower Upper

83 100

85 66.4 52.6 79.0





#31

Cyclohexane

Concen: 18.59 ug/l

RT: 5.57 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

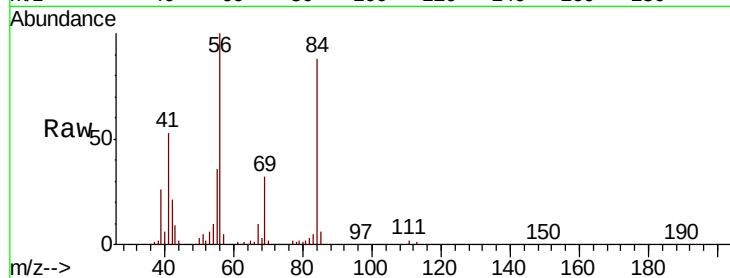
Tot Ion: 56 Resp: 106753

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

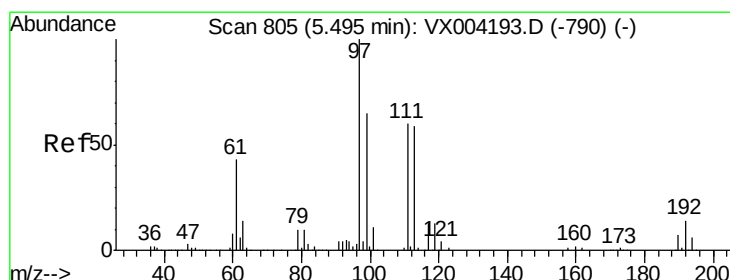
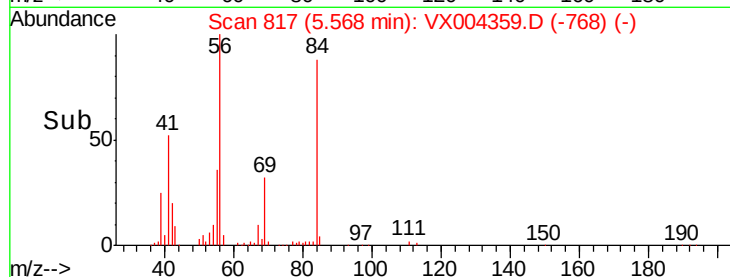
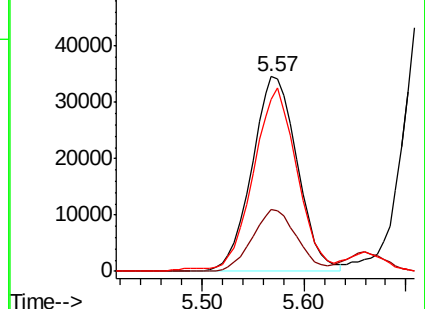
84 86.9 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.55 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

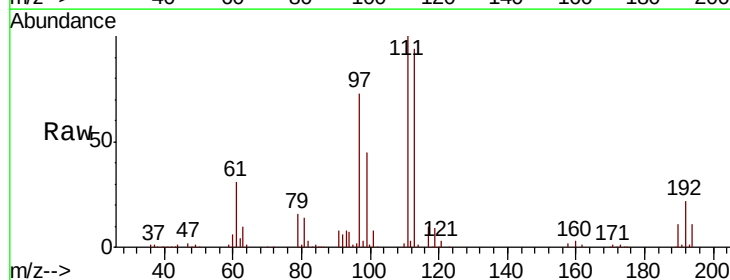
Tgt Ion: 97 Resp: 108786

Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

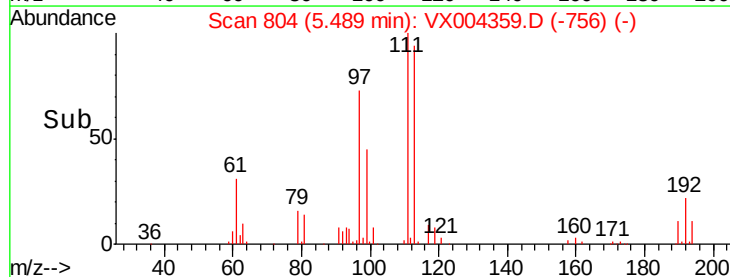
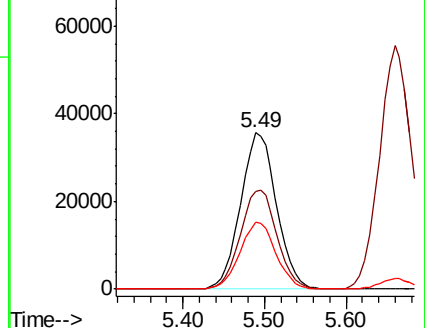
61 43.4 34.9 52.3

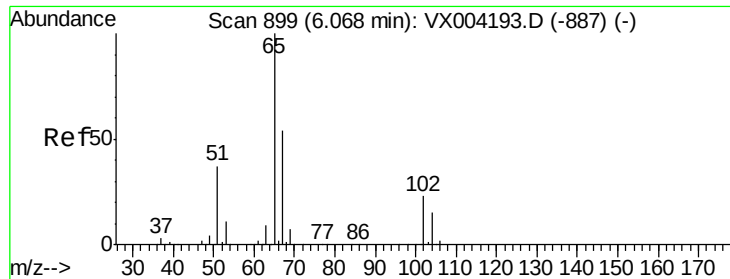


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

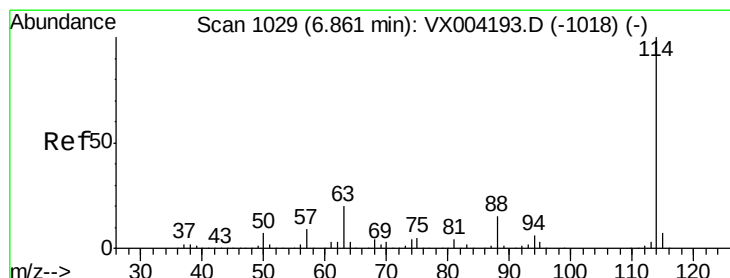
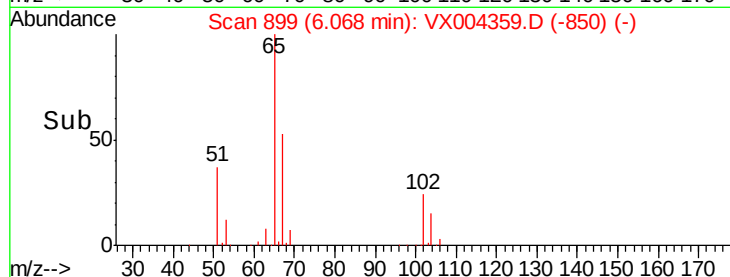
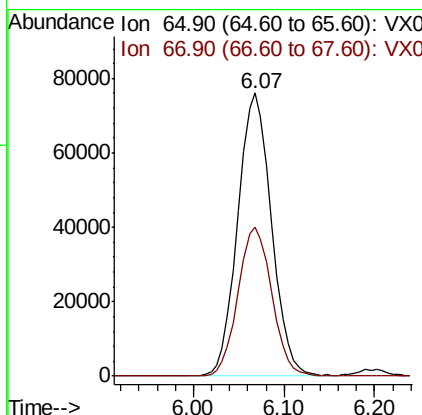
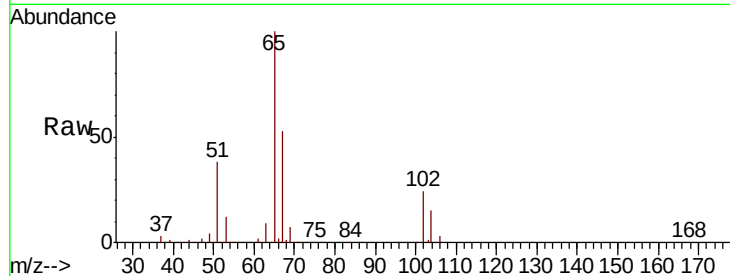




#33
 1,2-Dichloroethane-d4
 Concen: 47.93 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

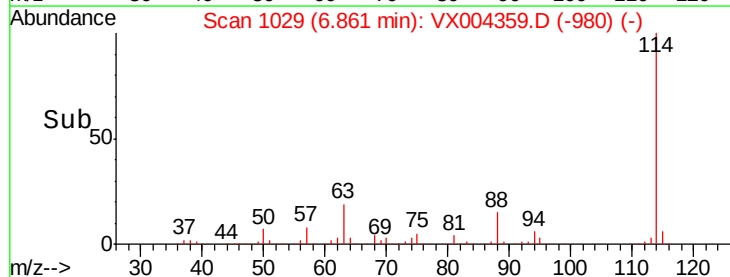
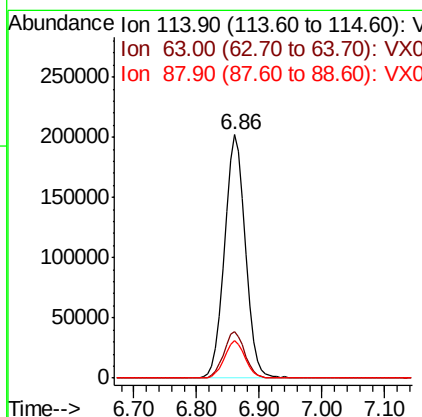
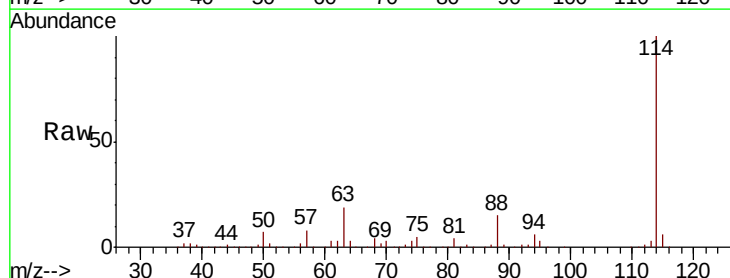
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

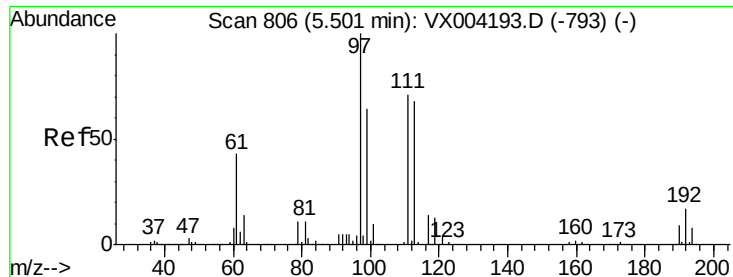
Tot Ion: 65 Resp: 196272
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion: 114 Resp: 463832
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.94 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

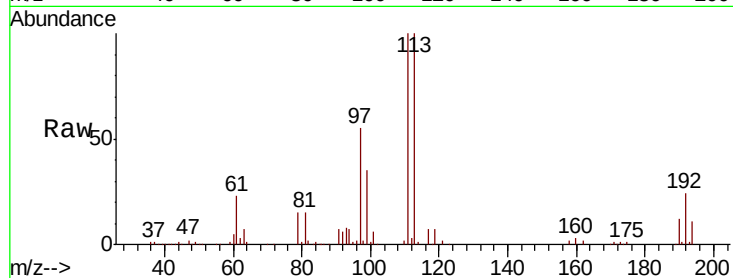
Tot Ion:113 Resp: 168862

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

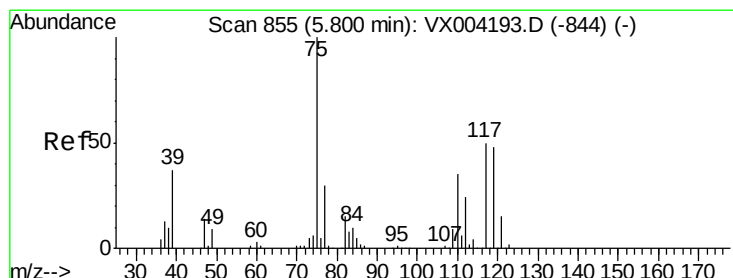
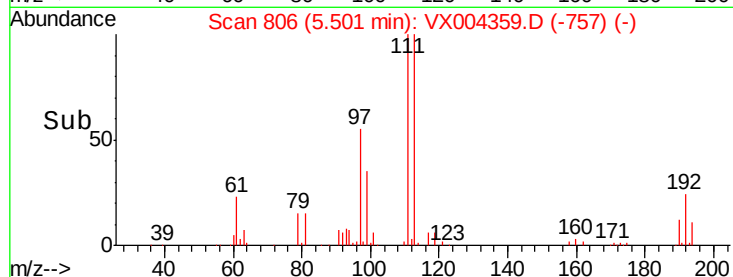
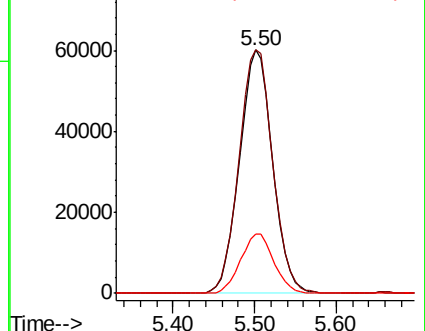
192 24.5 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.40 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

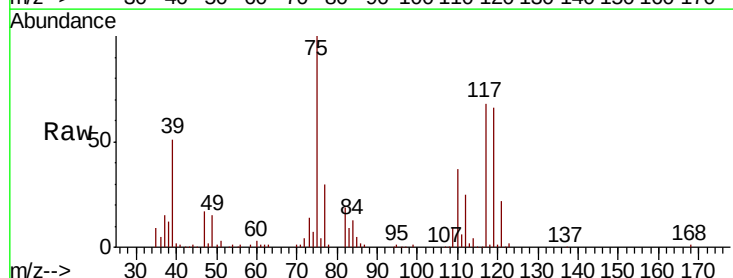
Tgt Ion: 75 Resp: 95926

Ion Ratio Lower Upper

75 100

110 36.0 18.0 54.0

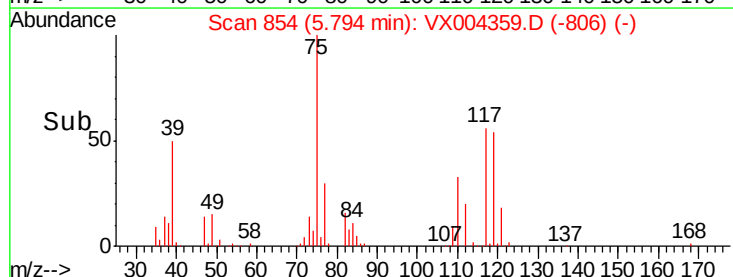
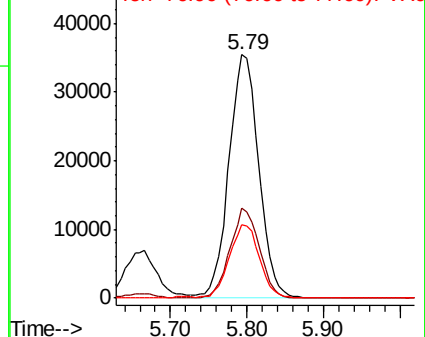
77 30.4 24.6 36.8

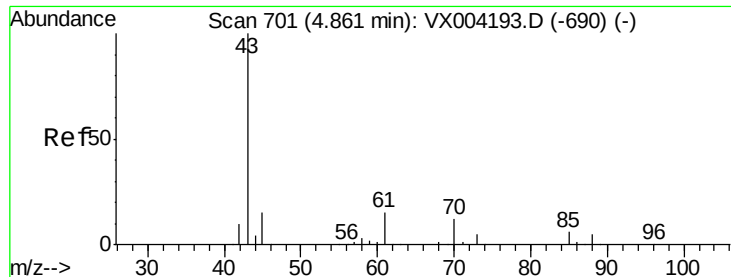


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.61 ug/l

RT: 4.86 min Scan# 701

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

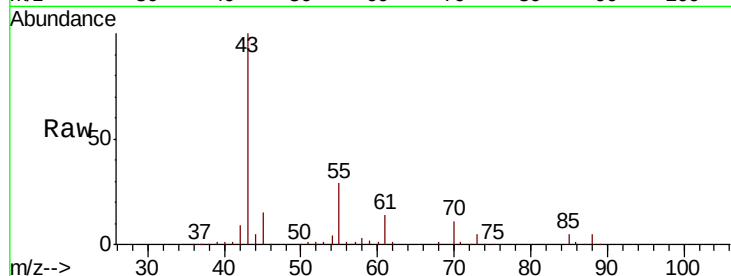
Tot Ion: 43 Resp: 100560

Ion Ratio Lower Upper

43 100

61 14.7 11.5 17.3

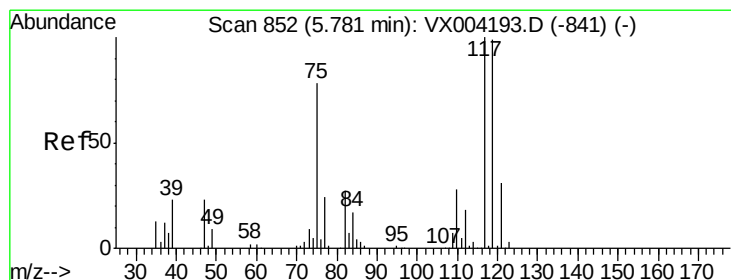
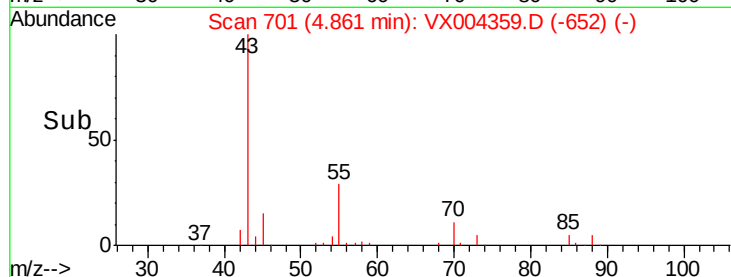
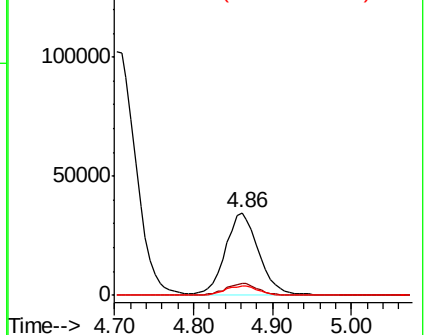
70 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.74 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

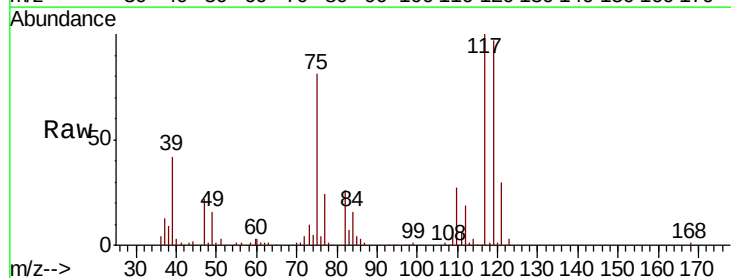
Tgt Ion: 117 Resp: 91944

Ion Ratio Lower Upper

117 100

119 97.2 78.8 118.2

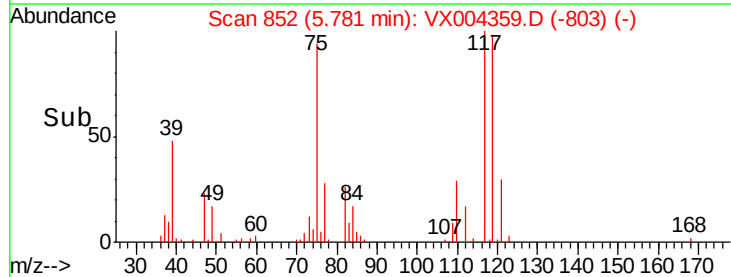
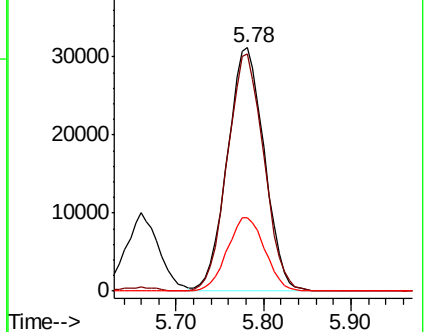
121 30.3 24.9 37.3

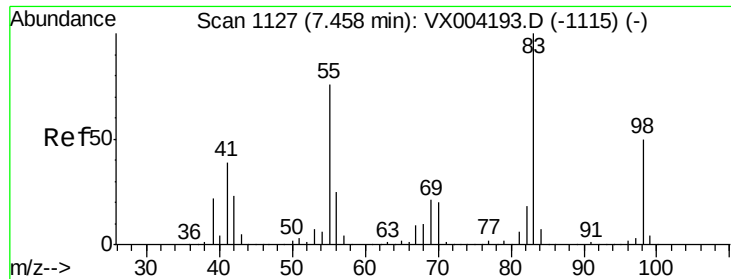


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

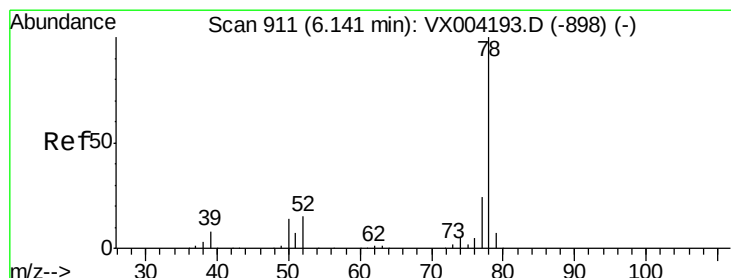
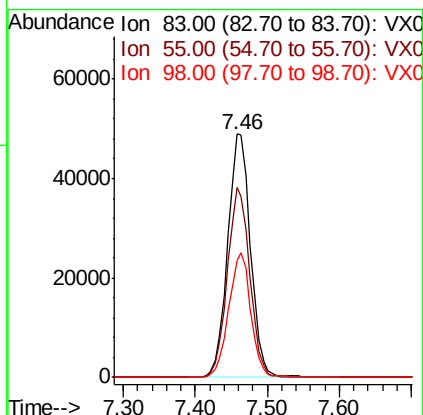
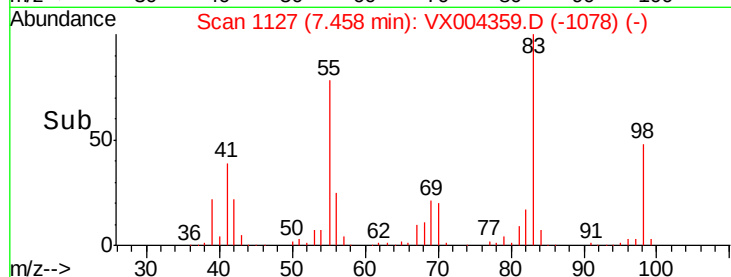
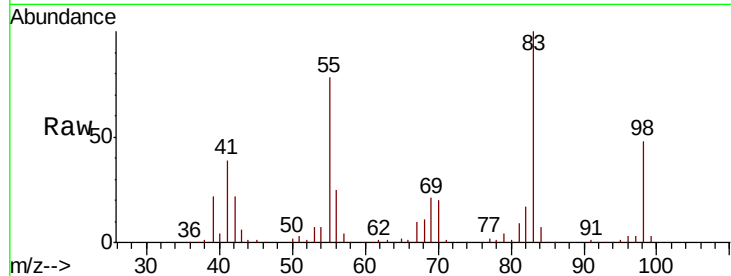




#39
Methylvlcyclohexane
Concen: 18.15 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

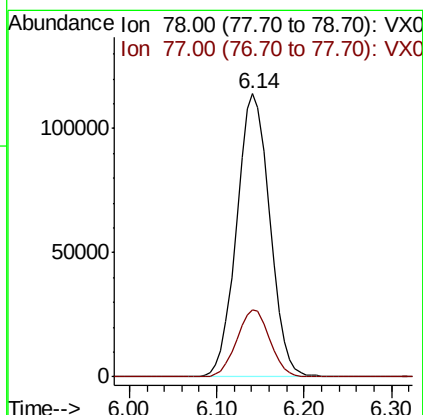
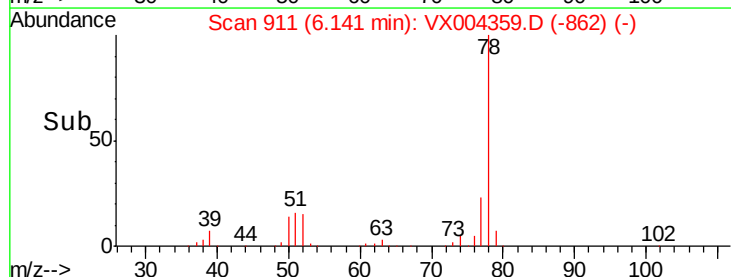
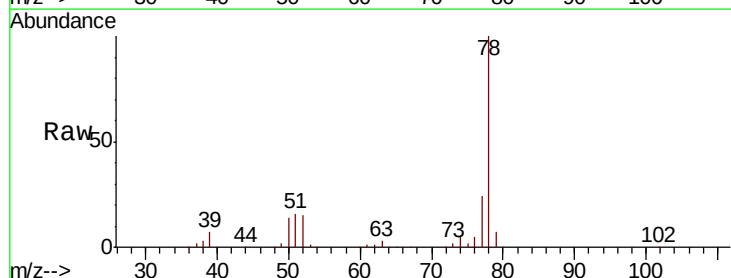
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBSD01

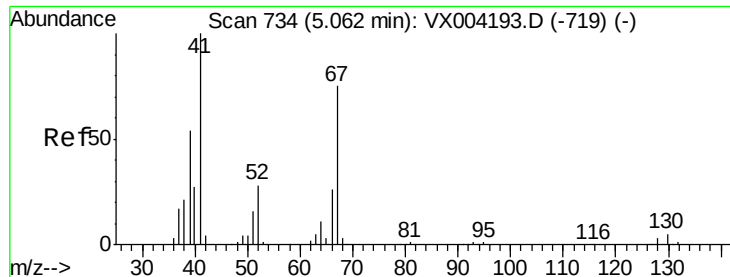
Tot Ion: 83 Resp: 108032
Ion Ratio Lower Upper
83 100
55 77.9 61.0 91.4
98 48.0 39.6 59.4



#40
Benzene
Concen: 19.28 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Tgt Ion: 78 Resp: 300336
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41

Methacrylonitrile

Concen: 20.11 ug/l

RT: 5.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

Tot Ion: 41 Resp: 59786

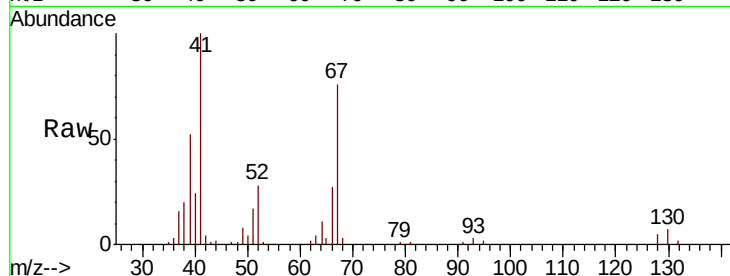
Ion Ratio Lower Upper

41 100

39 52.6 42.4 63.6

67 75.1 59.2 88.8

52 28.5 23.0 34.4

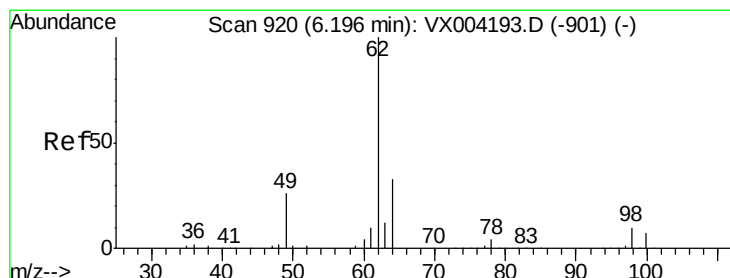
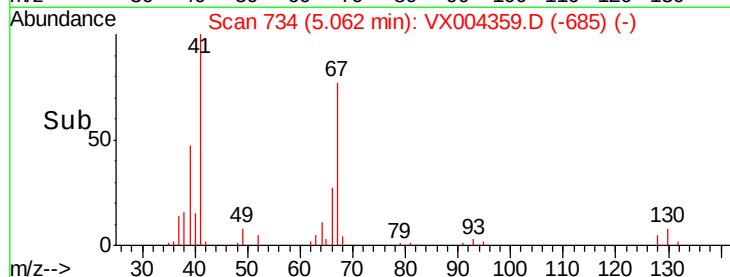
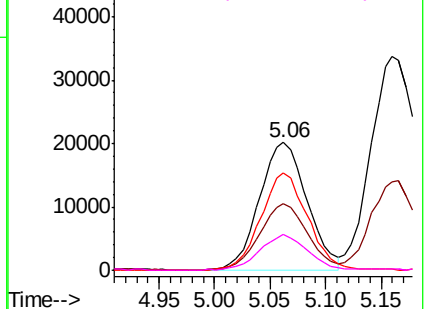


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.10 ug/l

RT: 6.20 min Scan# 920

Delta R.T. 0.00 min

Lab File: VX004359.D

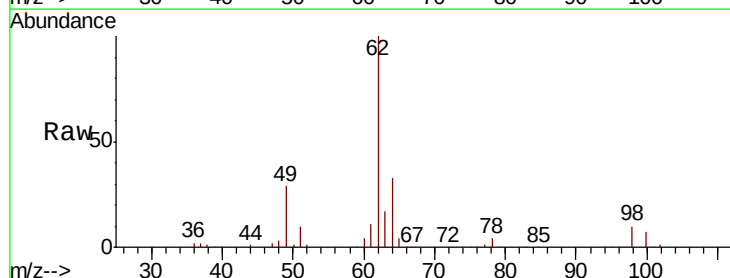
Acq: 04 Sep 2018 20:40

Tgt Ion: 62 Resp: 101500

Ion Ratio Lower Upper

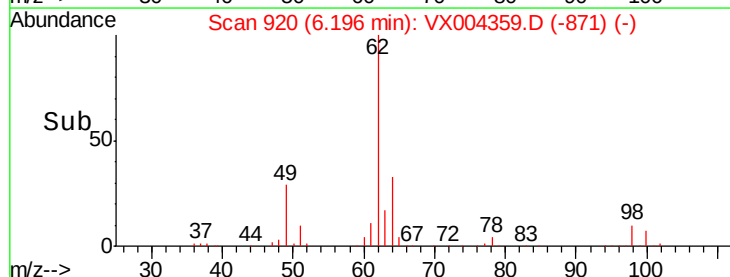
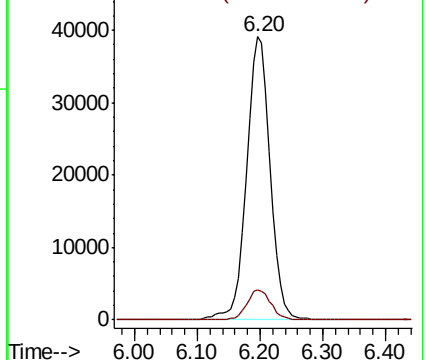
62 100

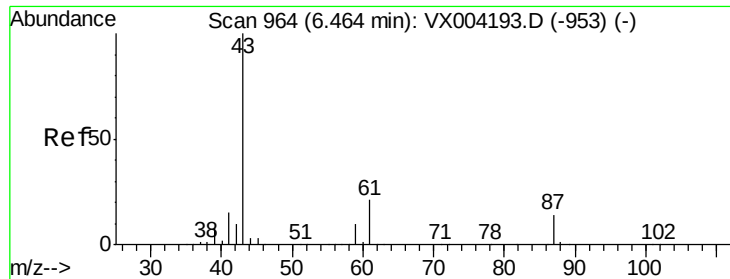
98 10.6 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.94 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

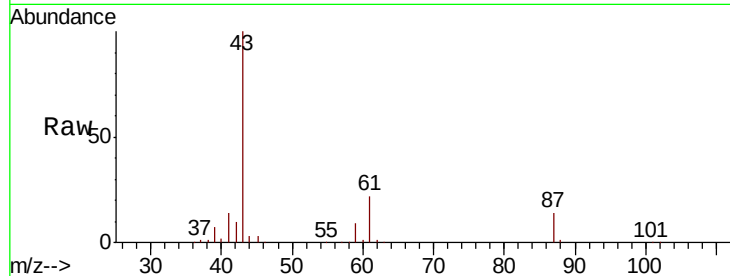
Tot Ion: 43 Resp: 157095

Ion Ratio Lower Upper

43 100

61 21.8 17.0 25.4

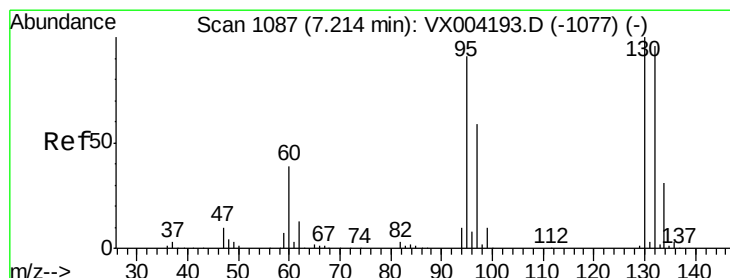
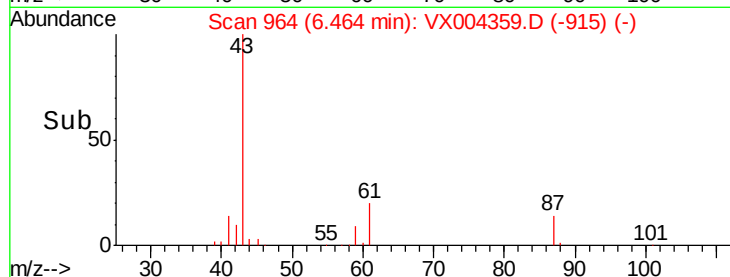
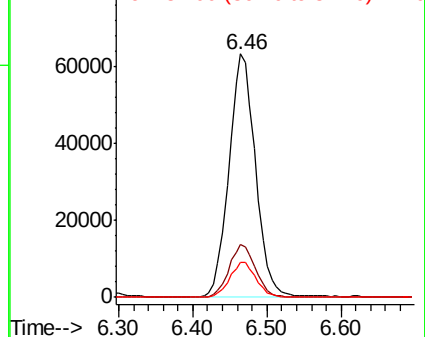
87 14.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.02 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004359.D

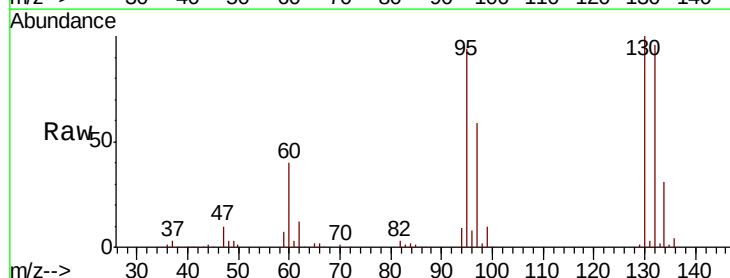
Acq: 04 Sep 2018 20:40

Tgt Ion:130 Resp: 82013

Ion Ratio Lower Upper

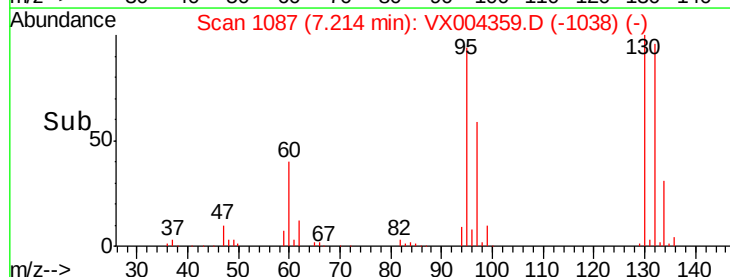
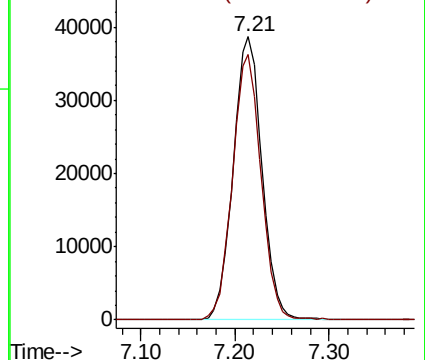
130 100

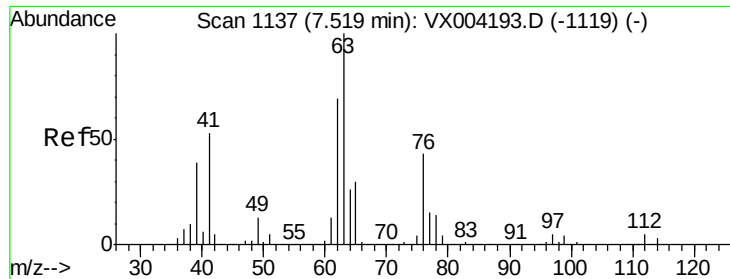
95 94.0 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

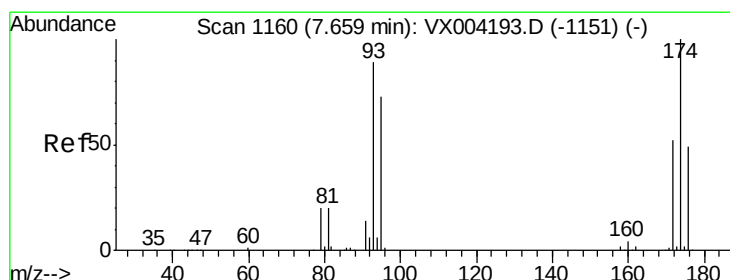
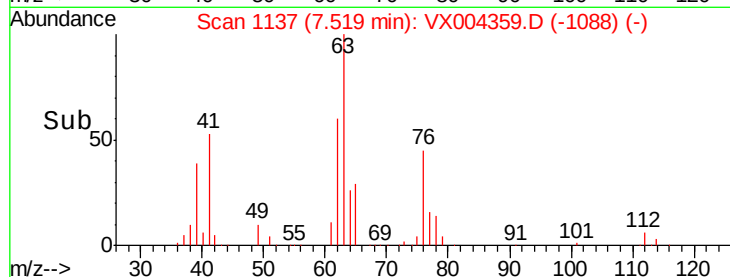
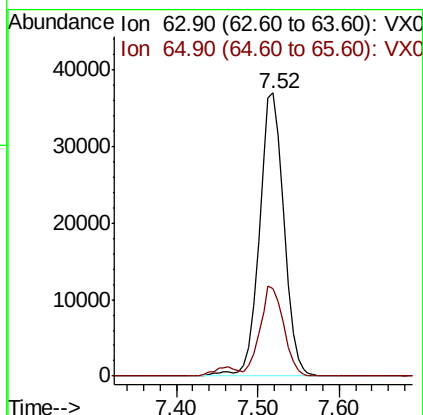
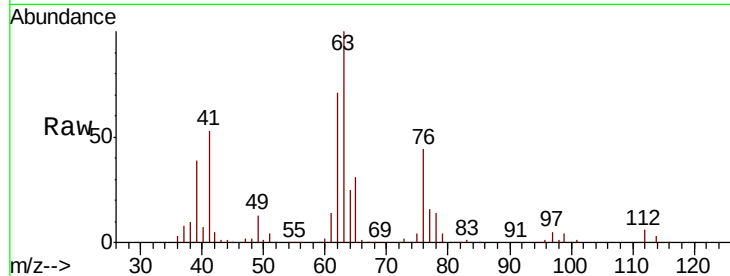




#45
 1,2-Dichloropropane
 Concen: 19.98 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

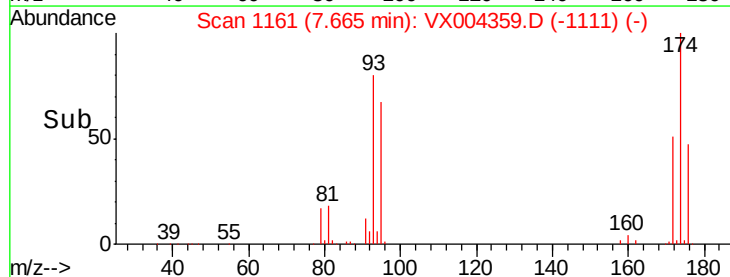
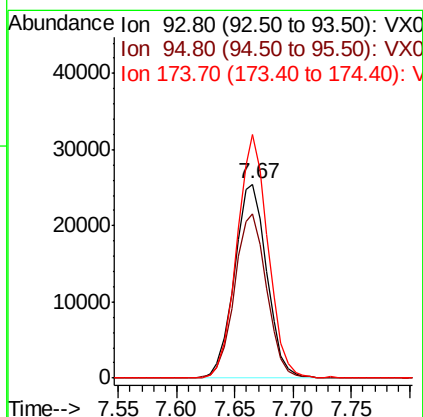
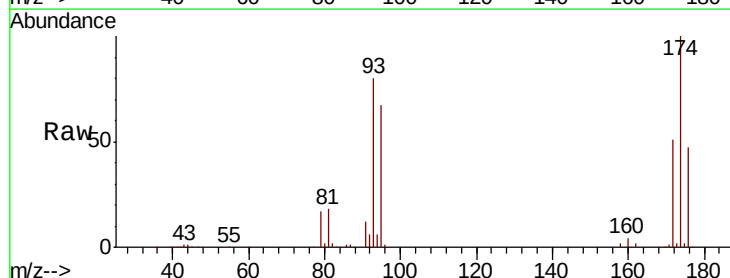
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

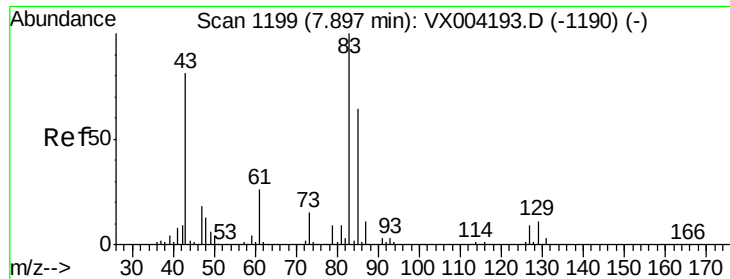
Tot Ion: 63 Resp: 77912
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 19.02 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion: 93 Resp: 49397
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 120.3 94.2 141.4





#47

Bromodichloromethane

Concen: 19.22 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

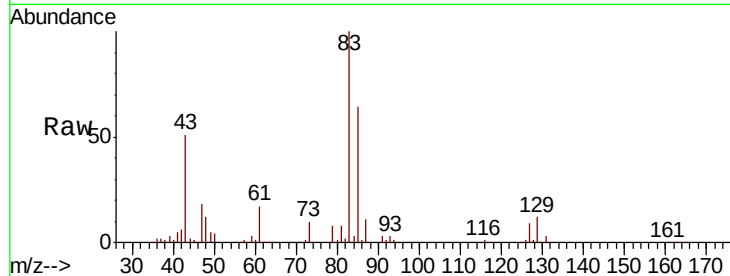
Tot Ion: 83 Resp: 92846

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3

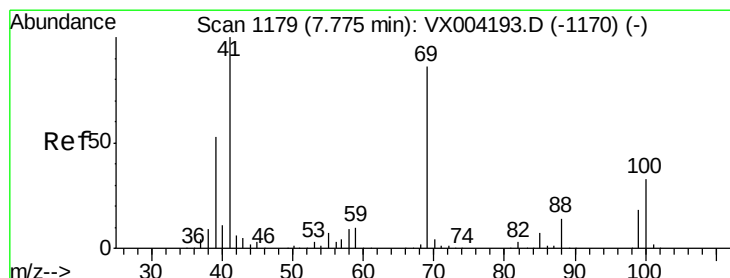
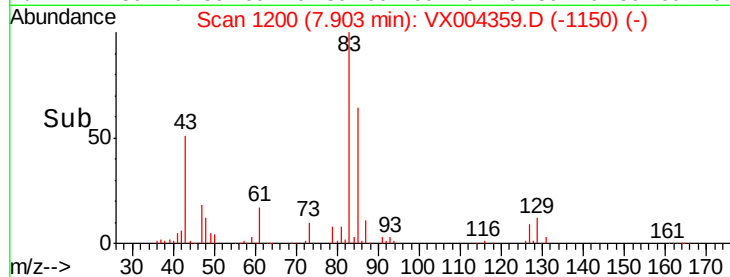
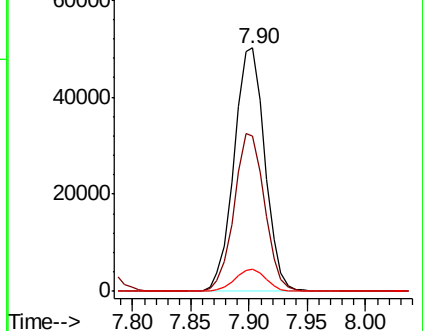
127 9.3 7.3 10.9



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: 19.69 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

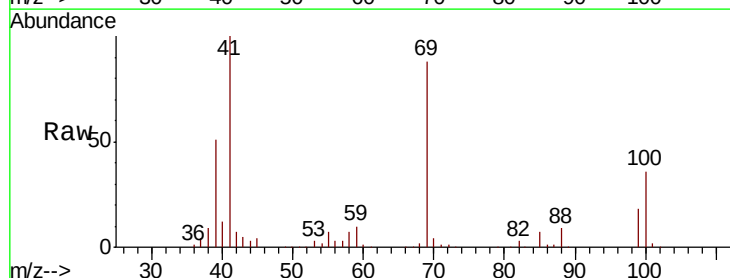
Tgt Ion: 41 Resp: 83031

Ion Ratio Lower Upper

41 100

69 89.5 70.2 105.4

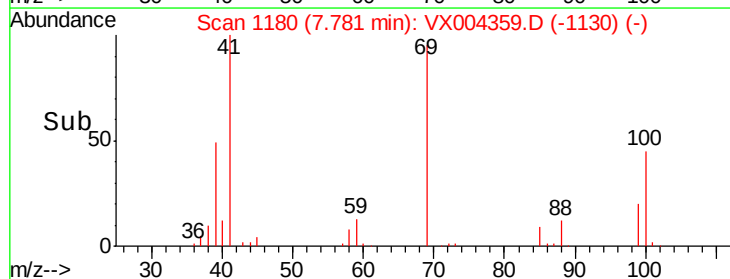
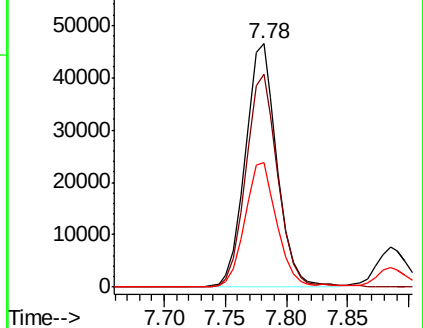
39 52.3 42.7 64.1

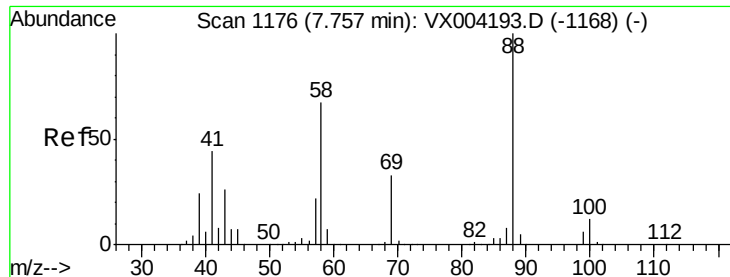


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

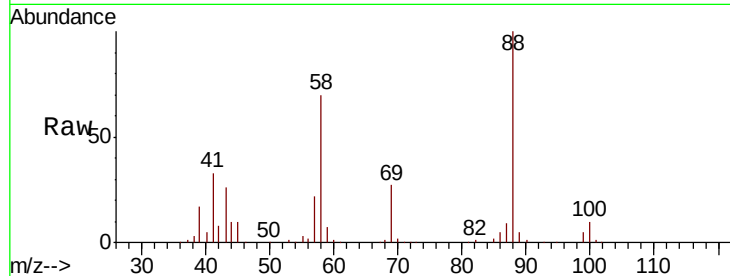




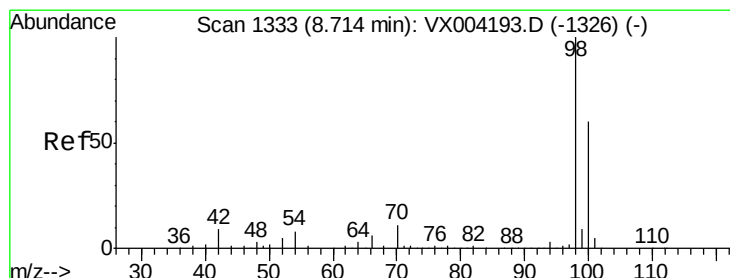
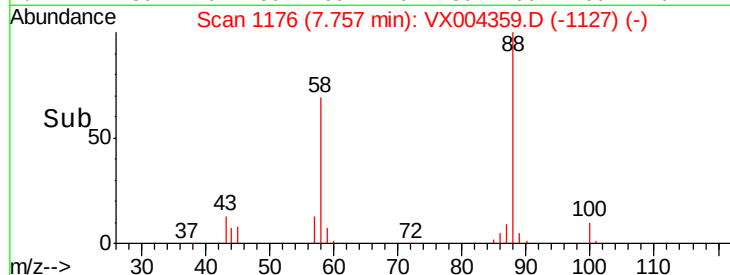
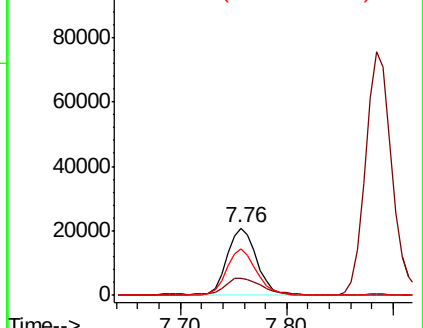
#49
1,4-Dioxane
Concen: 426.29 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VX0904MBSD01

Tot Ion: 88 Resp: 40811
Ion Ratio Lower Upper
88 100
43 29.8 24.7 37.1
58 68.7 55.3 82.9

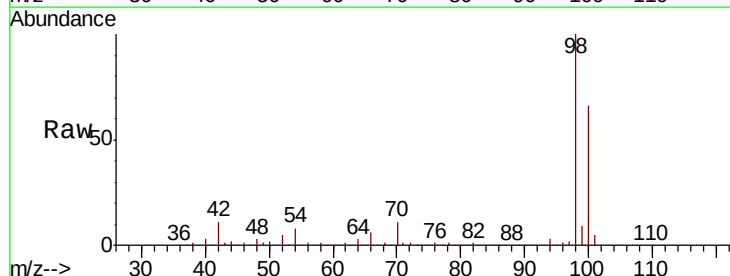


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

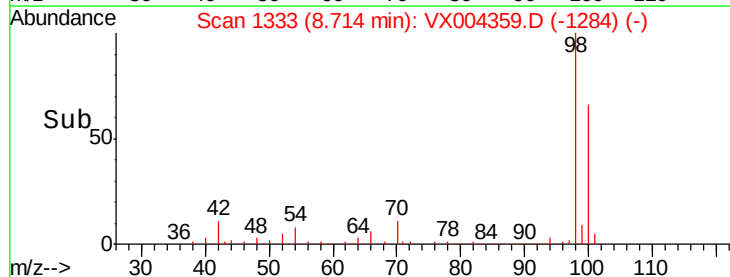
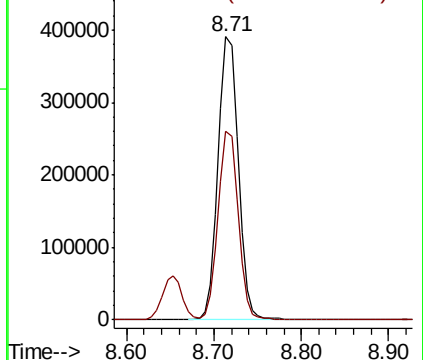


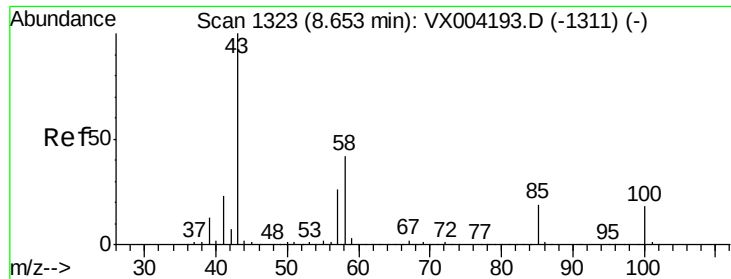
#50
Toluene-d8
Concen: 48.07 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Tgt Ion: 98 Resp: 626152
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 97.54 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

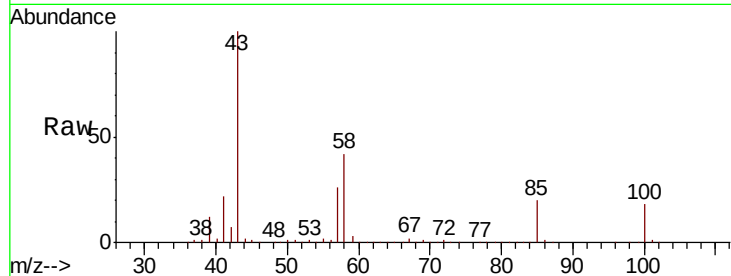
VX0904MBSD01

Tot Ion: 43 Resp: 558474

Ion Ratio Lower Upper

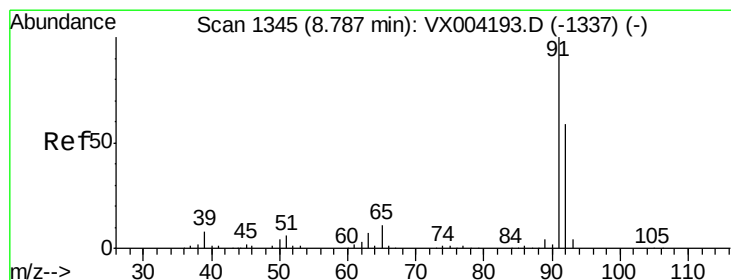
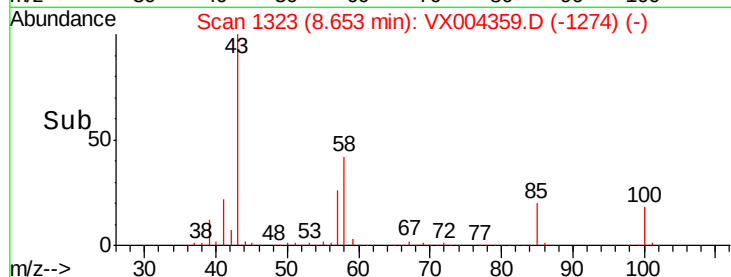
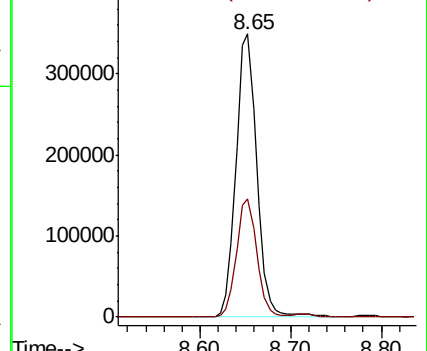
43 100

58 41.0 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.68 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004359.D

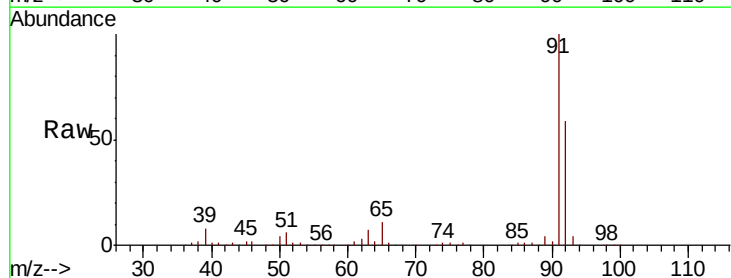
Acq: 04 Sep 2018 20:40

Tgt Ion: 92 Resp: 191988

Ion Ratio Lower Upper

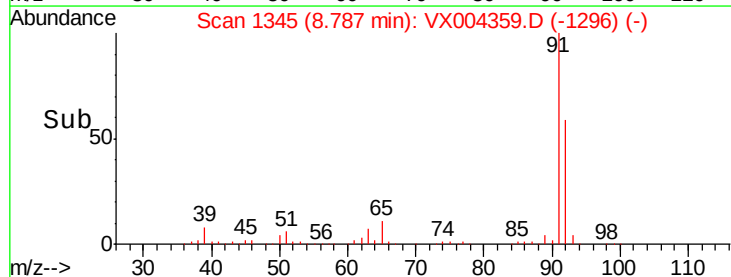
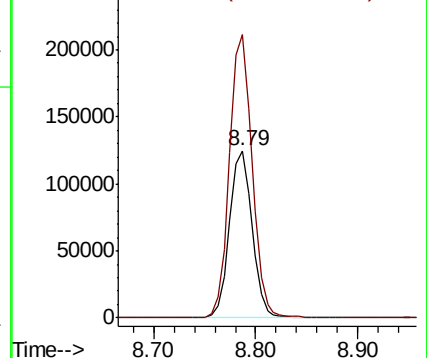
92 100

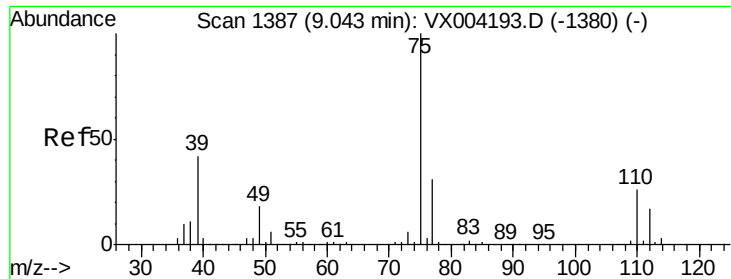
91 169.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

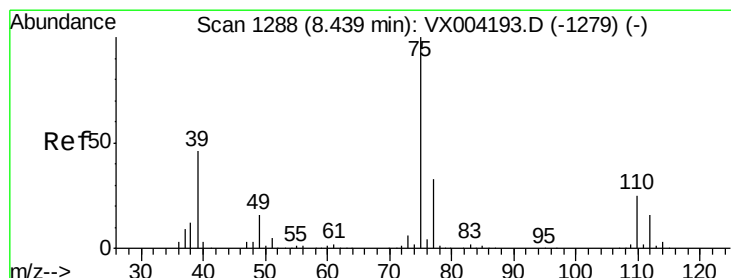
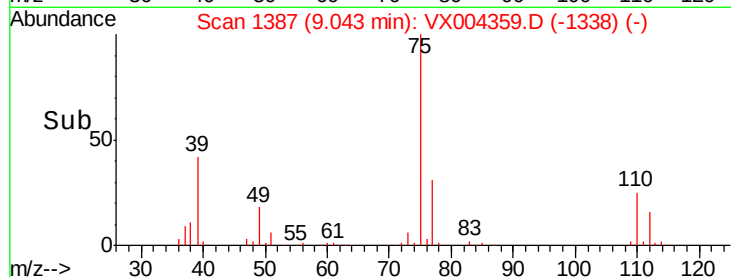
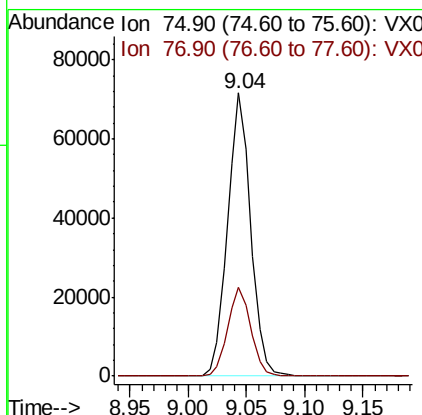
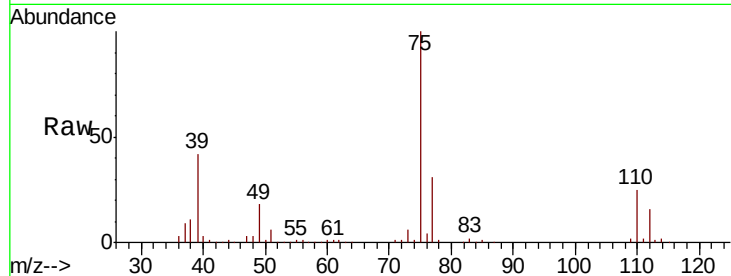




#53
 t-1,3-Dichloropropene
 Concen: 18.50 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

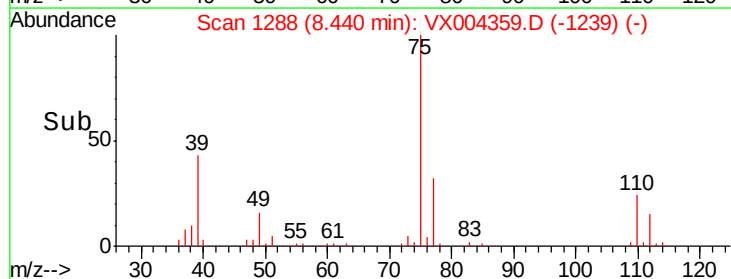
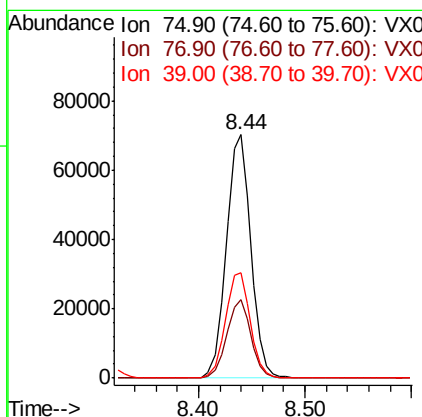
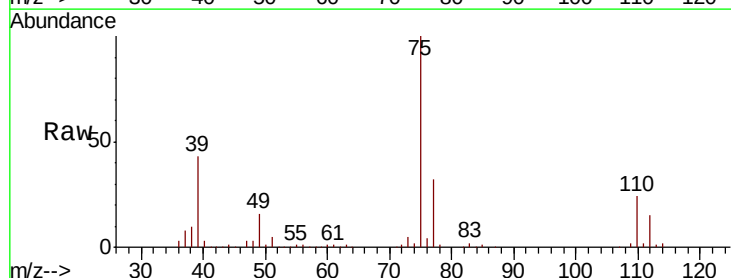
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

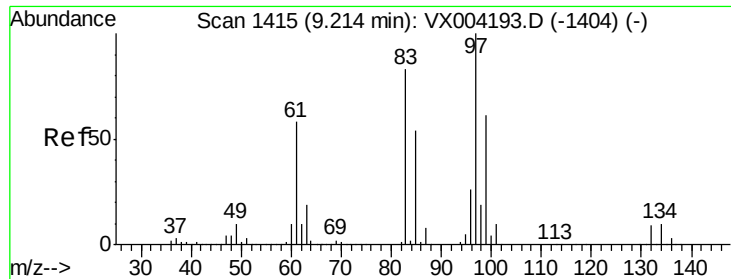
Tot Ion: 75 Resp: 98699
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.42 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion: 75 Resp: 112876
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.2 39.2
 39 43.2 36.4 54.6

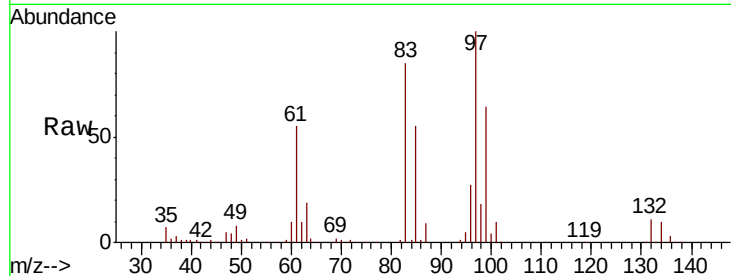




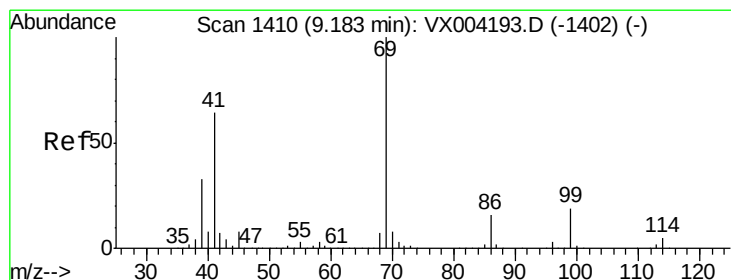
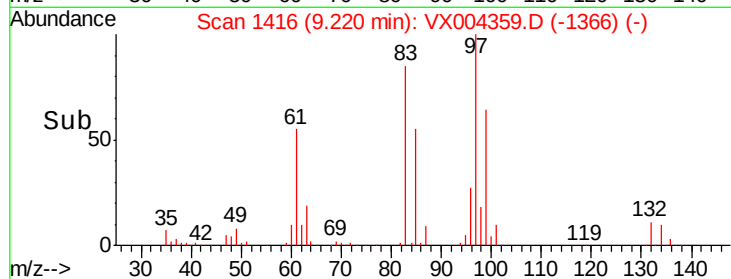
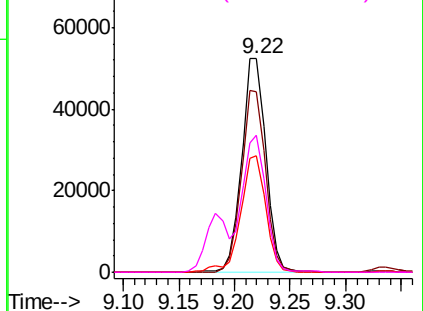
#55
 1,1,2-Trichloroethane
 Concen: 20.06 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

Tot Ion:	97	Resp:	78989
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.4	99.6
85	54.5	43.3	64.9
99	64.2	49.0	73.4

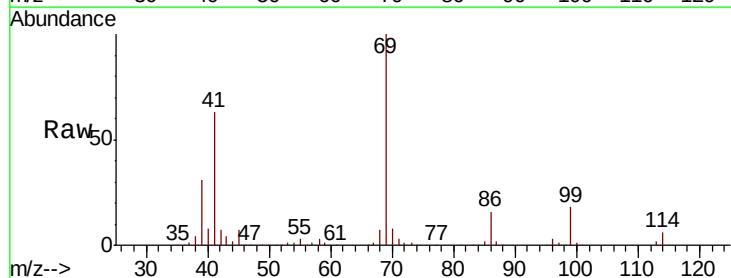


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

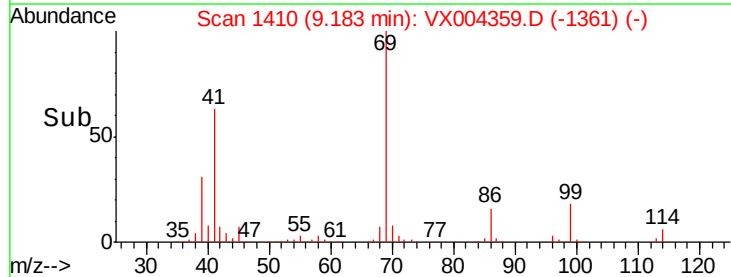
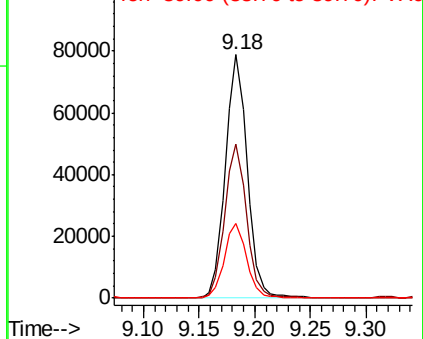


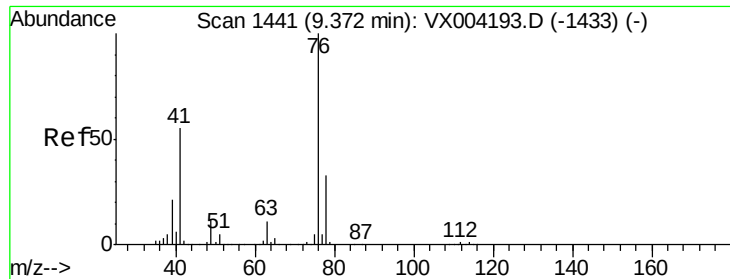
#56
 Ethyl methacrylate
 Concen: 20.13 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion:	69	Resp:	107894
Ion	Ratio	Lower	Upper
69	100		
41	62.6	51.0	76.4
39	31.1	26.1	39.1



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

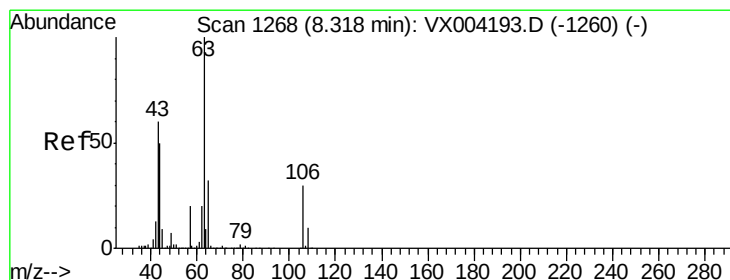
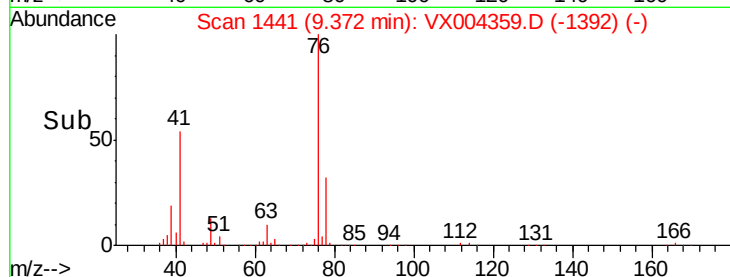
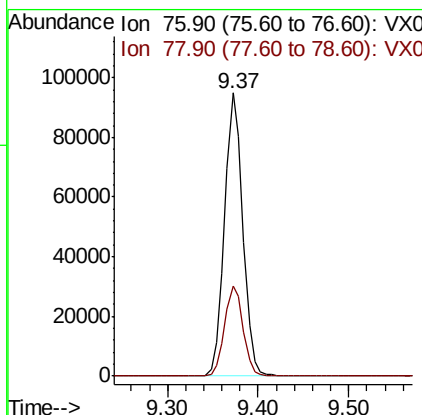
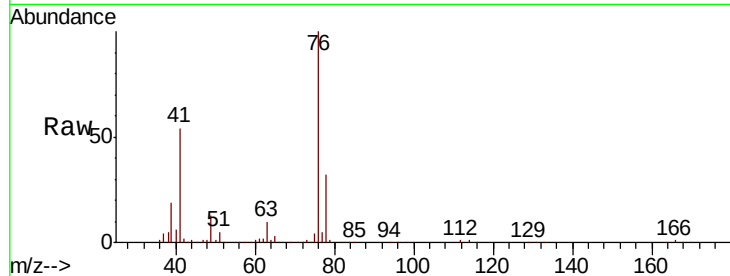




#57
 1,3-Dichloropropane
 Concen: 20.08 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

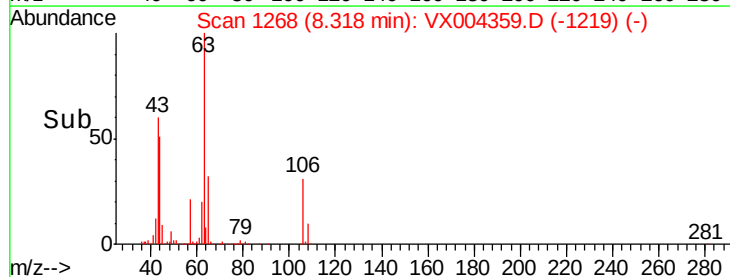
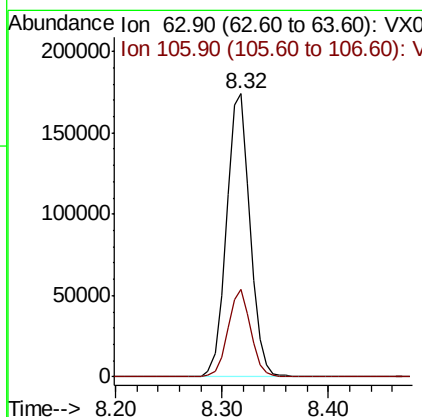
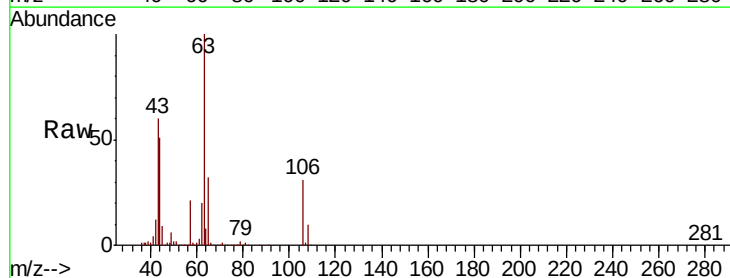
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

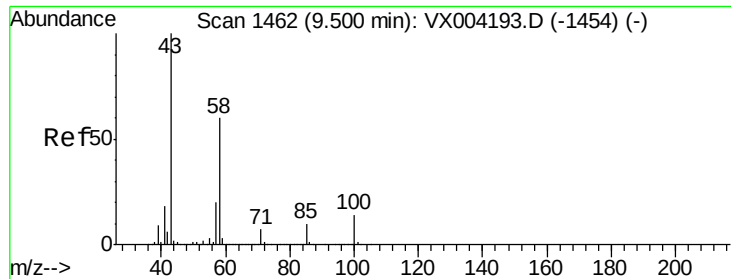
Tot Ion: 76 Resp: 133259
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.23 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion: 63 Resp: 269772
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.9 35.9

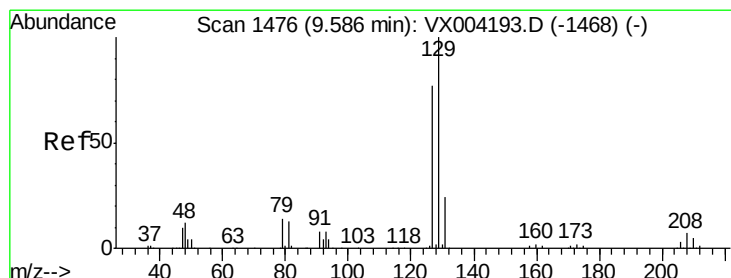
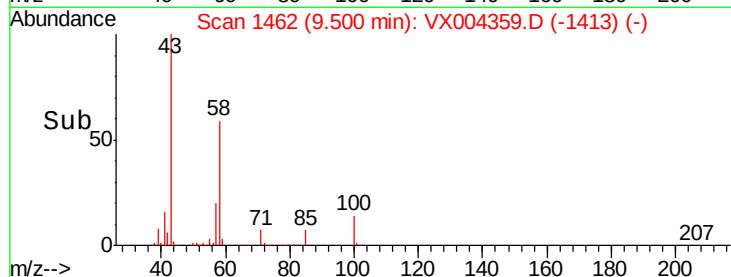
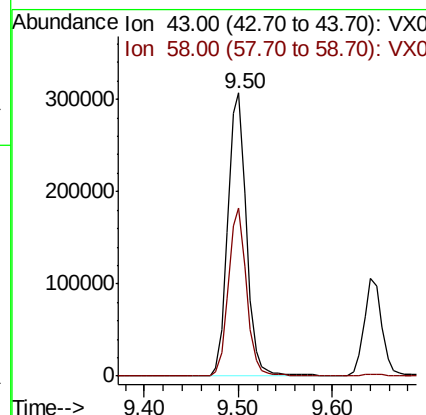
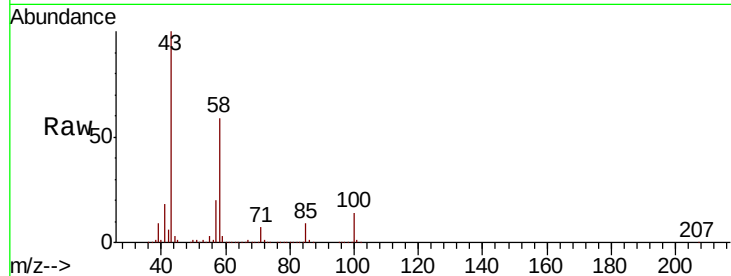




#59
2-Hexanone
Concen: 96.54 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

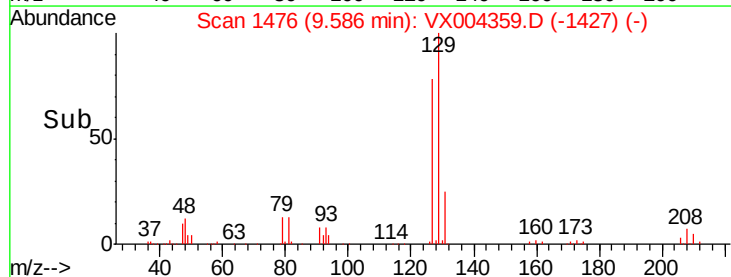
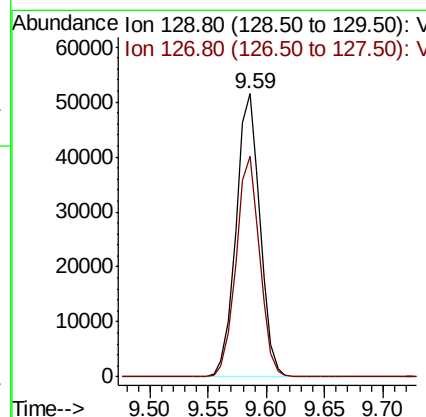
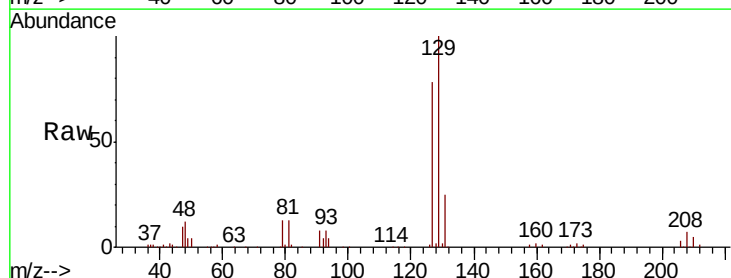
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBSD01

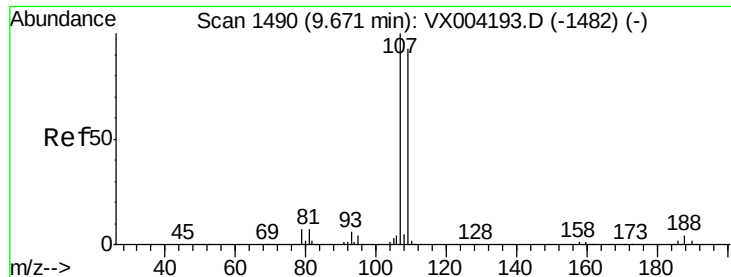
Tot Ion: 43 Resp: 421688
Ion Ratio Lower Upper
43 100
58 57.8 29.0 87.0



#60
Dibromochloromethane
Concen: 19.24 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Tgt Ion: 129 Resp: 73822
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.69 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

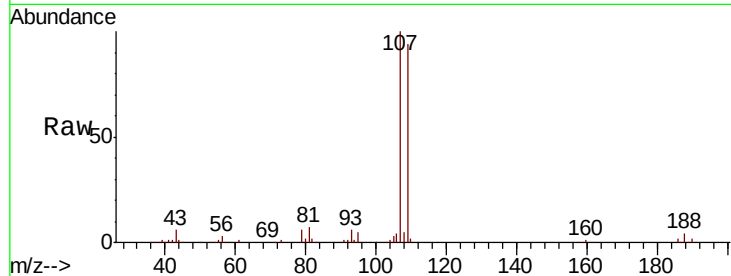
VX0904MBSD01

Tot Ion:107 Resp: 80221

Ion Ratio Lower Upper

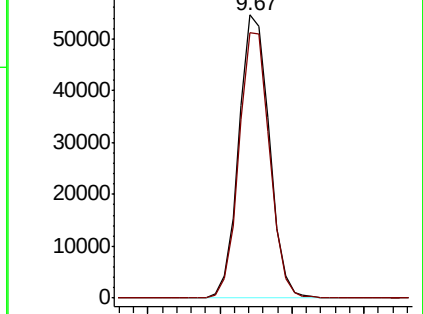
107 100

109 94.3 76.0 114.0

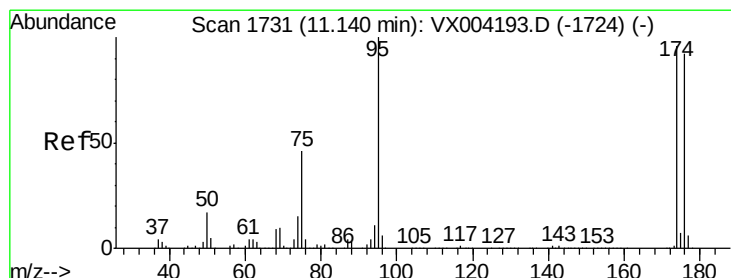
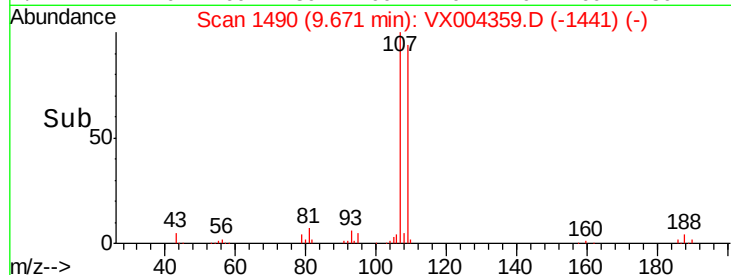


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

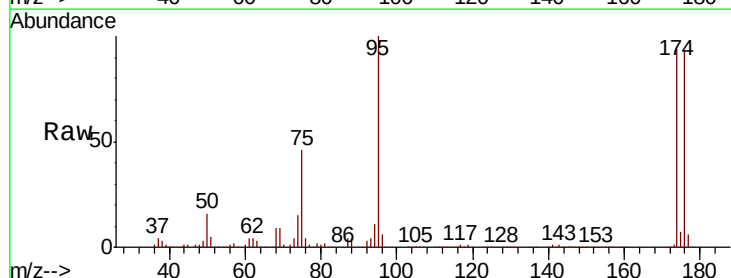
Tgt Ion: 95 Resp: 238313

Ion Ratio Lower Upper

95 100

174 90.7 0.0 185.2

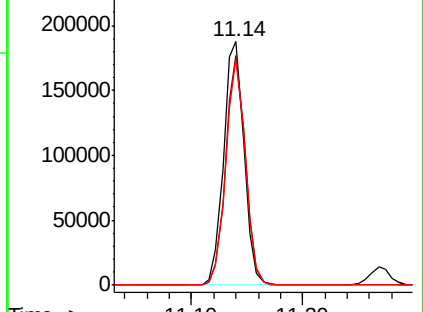
176 88.5 0.0 178.6



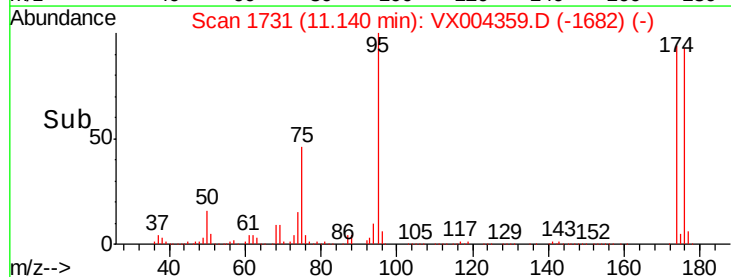
Abundance Ion 94.90 (94.60 to 95.60): VX0

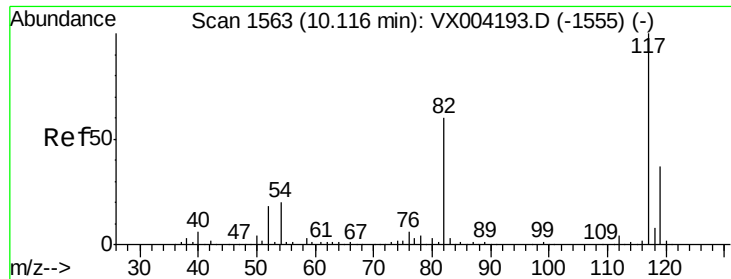
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

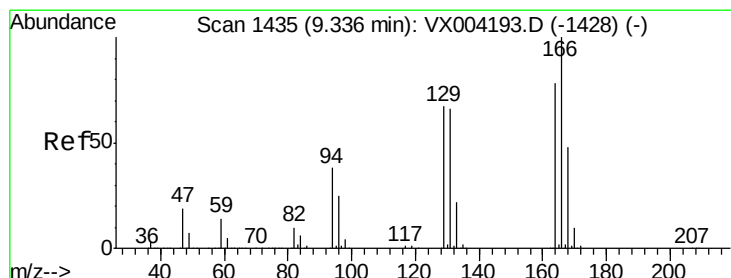
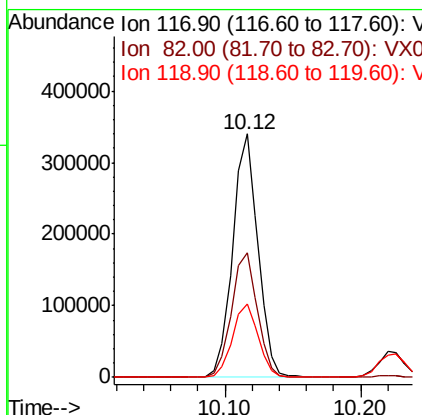
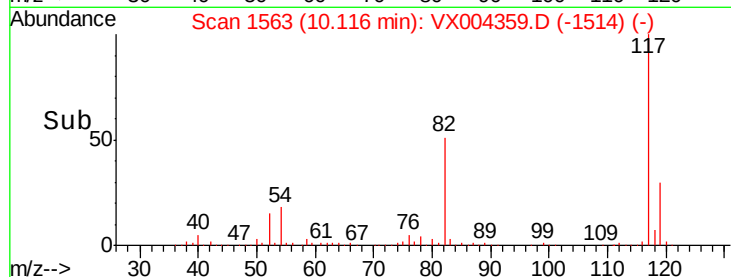
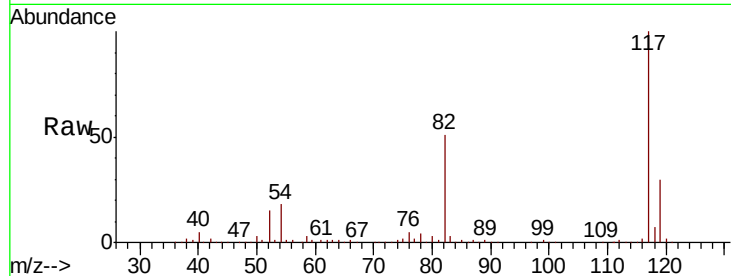




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

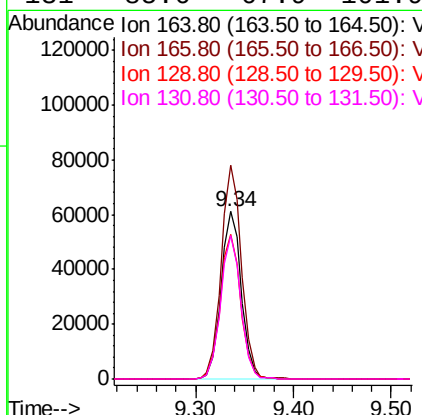
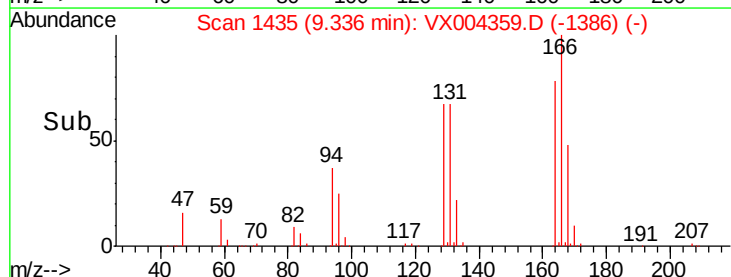
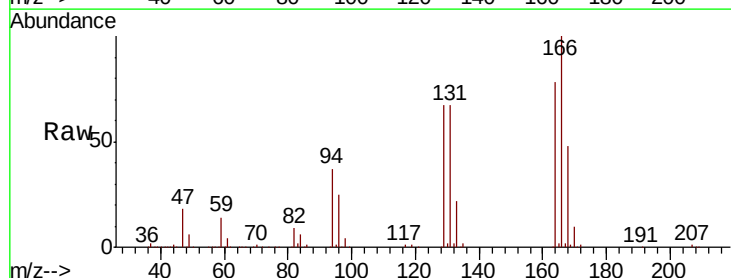
Instrument :
MSVOA_X
ClientSampleId :
VX0904MBSD01

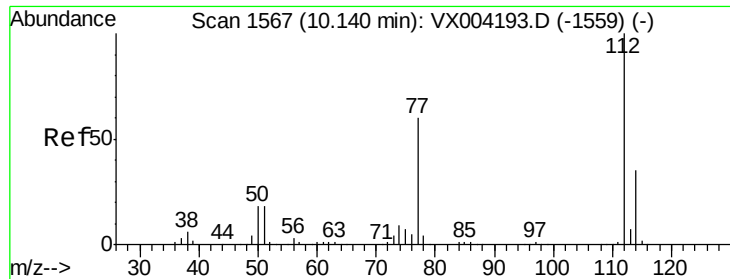
Tot Ion:117 Resp: 438373
Ion Ratio Lower Upper
117 100
82 51.1 47.8 71.6
119 30.2 29.3 43.9



#64
Tetrachloroethene
Concen: 20.27 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Tgt Ion:164 Resp: 87782
Ion Ratio Lower Upper
164 100
166 127.8 102.8 154.2
129 86.2 69.4 104.0
131 85.6 67.9 101.9





#65

Chlorobenzene

Concen: 18.68 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

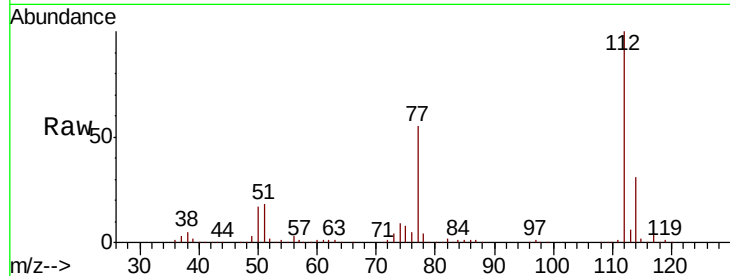
VX0904MBSD01

Tot Ion:112 Resp: 205523

Ion Ratio Lower Upper

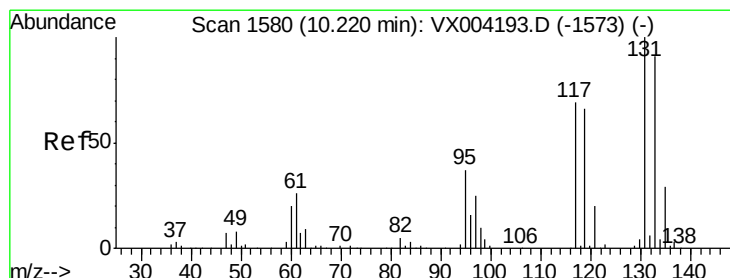
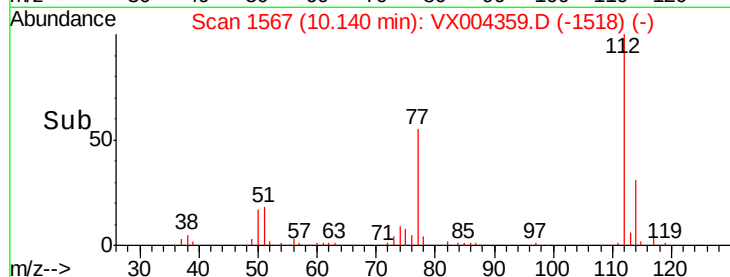
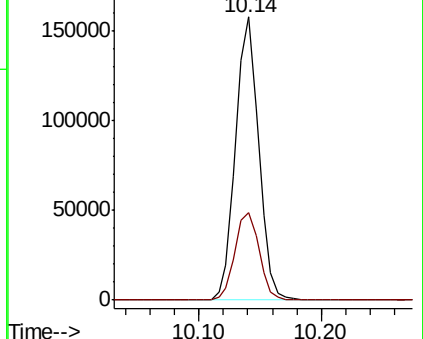
112 100

114 31.0 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.65 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

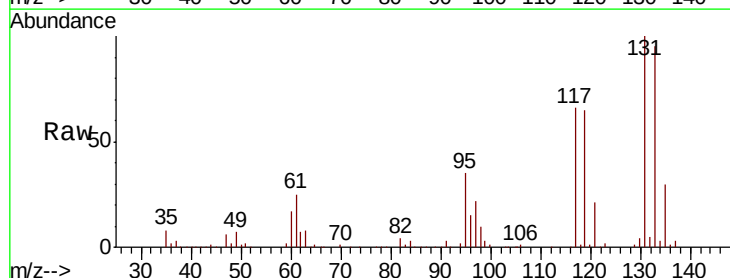
Tgt Ion:131 Resp: 70773

Ion Ratio Lower Upper

131 100

133 96.2 48.1 144.4

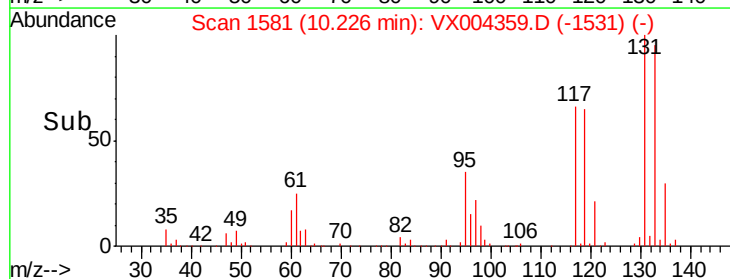
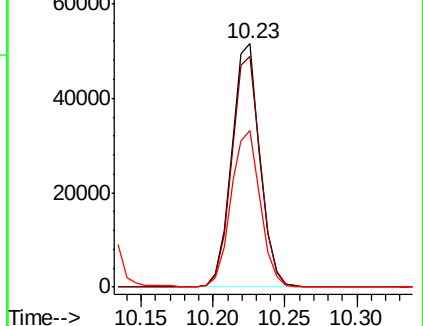
119 66.5 32.9 98.6

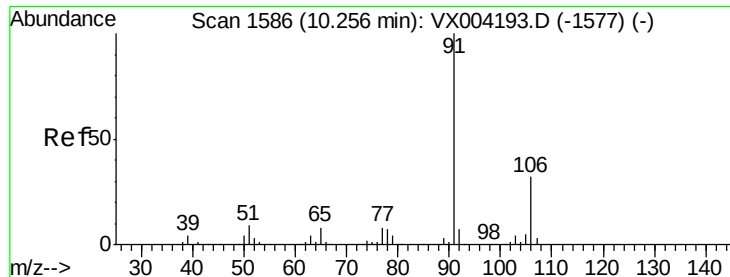


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.86 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

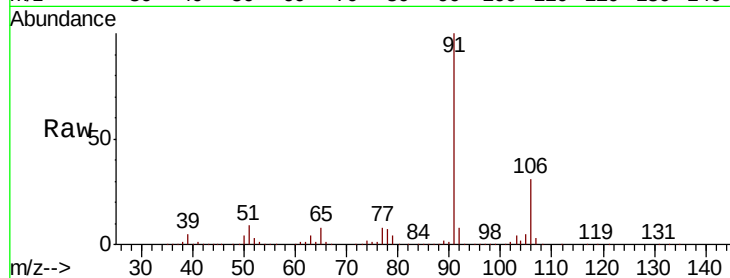
VX0904MBSD01

Tot Ion: 91 Resp: 336935

Ion Ratio Lower Upper

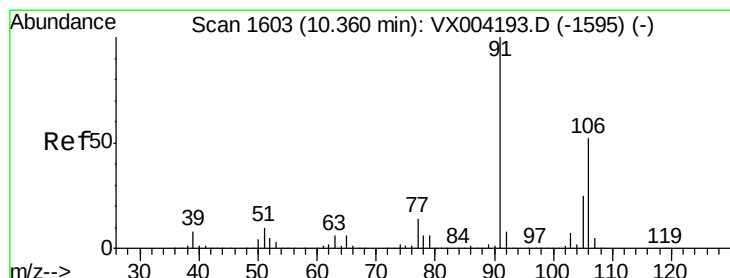
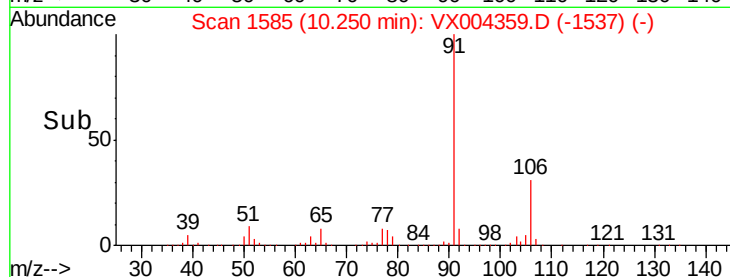
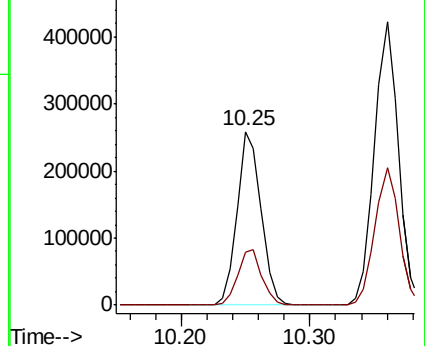
91 100

106 30.7 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.24 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX004359.D

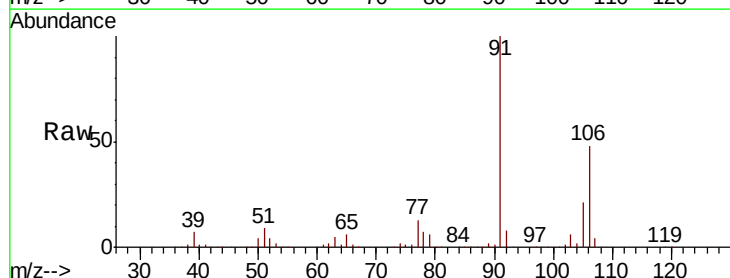
Acq: 04 Sep 2018 20:40

Tgt Ion:106 Resp: 267177

Ion Ratio Lower Upper

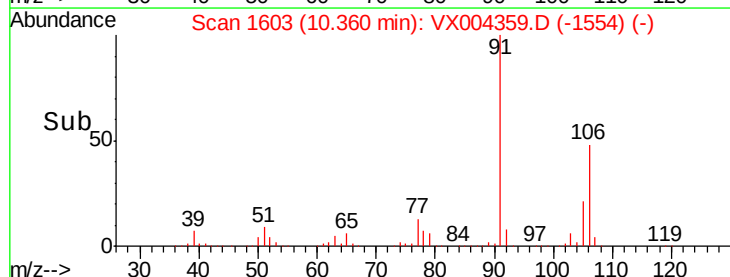
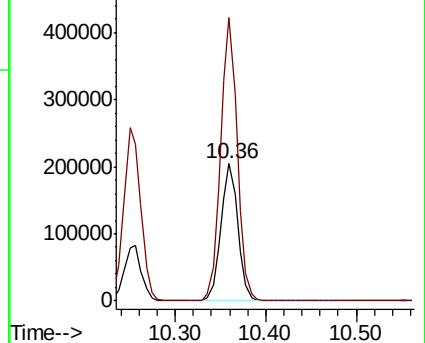
106 100

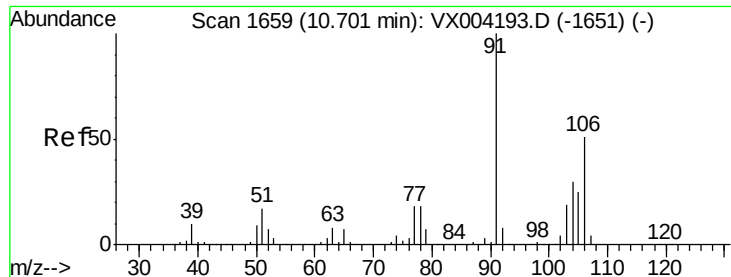
91 202.2 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

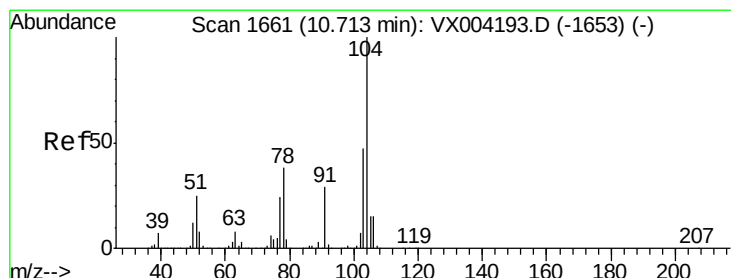
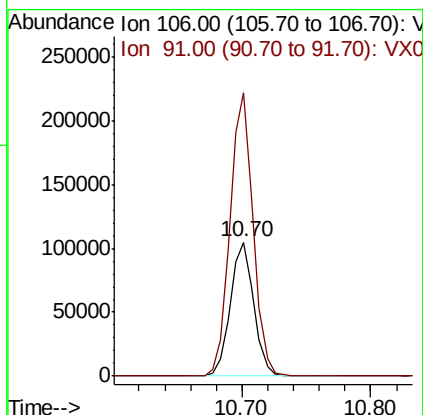
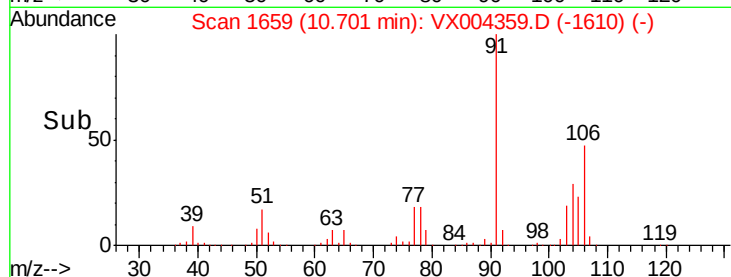
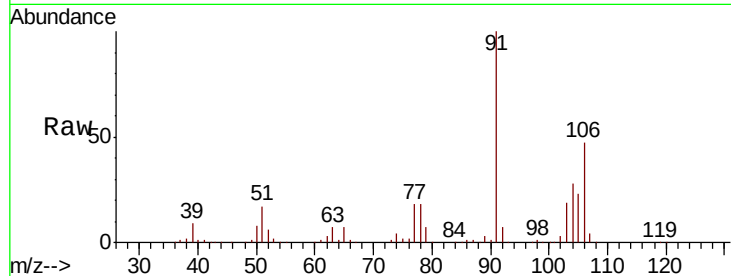




#69
o-Xylene
Concen: 20.14 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

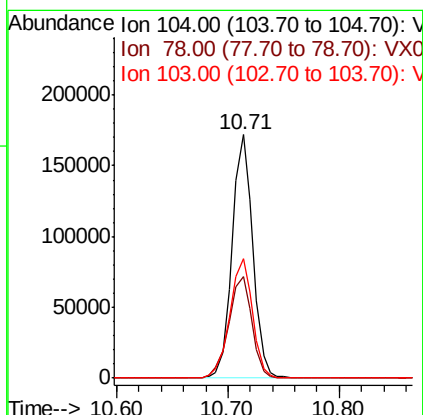
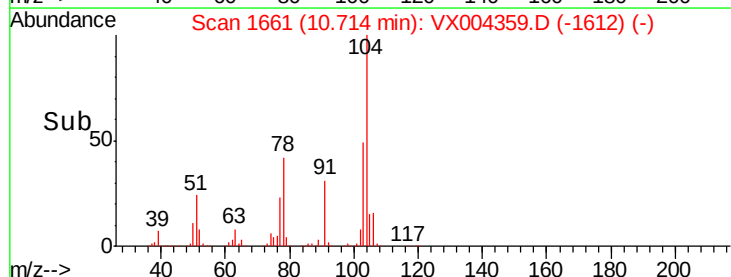
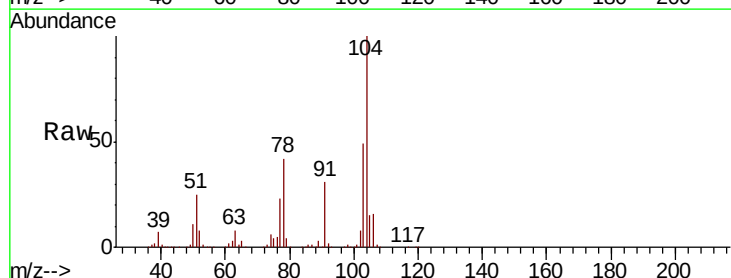
Instrument :
MSVOA_X
ClientSampled :
VX0904MBSD01

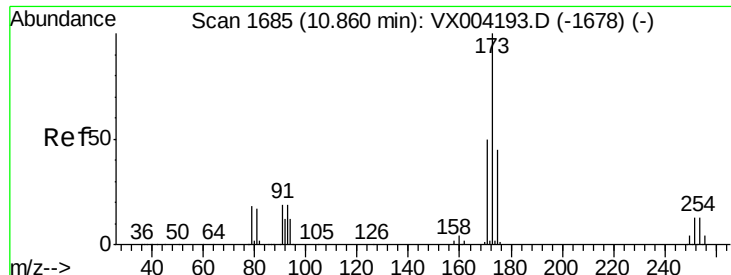
Tot Ion:106 Resp: 133118
Ion Ratio Lower Upper
106 100
91 210.0 105.1 315.1



#70
Styrene
Concen: 20.61 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Tgt Ion:104 Resp: 220513
Ion Ratio Lower Upper
104 100
78 46.9 37.4 56.0
103 54.2 43.8 65.6





#71

Bromoform

Concen: 18.13 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

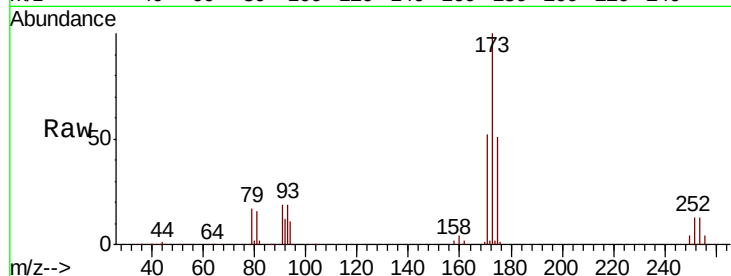
Tot Ion:173 Resp: 55464

Ion Ratio Lower Upper

173 100

175 50.1 24.1 72.3

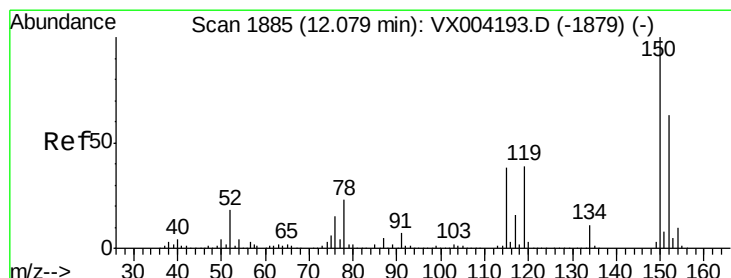
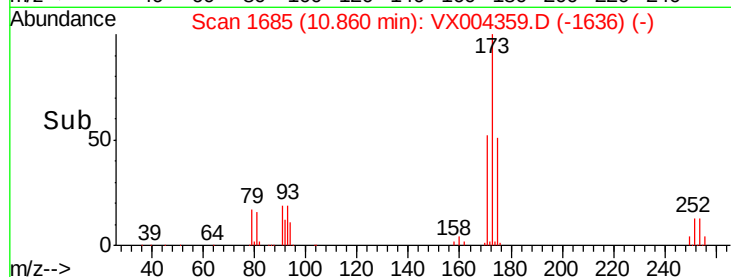
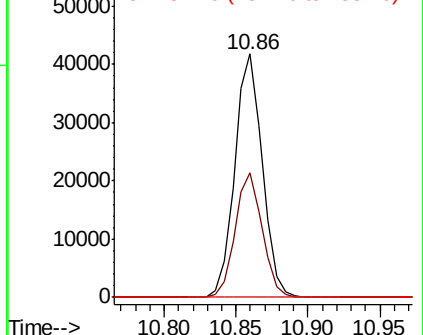
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

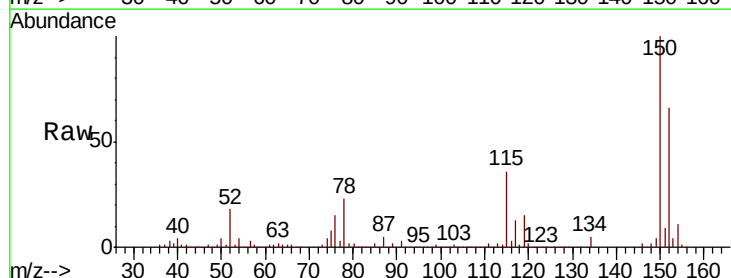
Tgt Ion:152 Resp: 260588

Ion Ratio Lower Upper

152 100

115 63.7 39.0 117.0

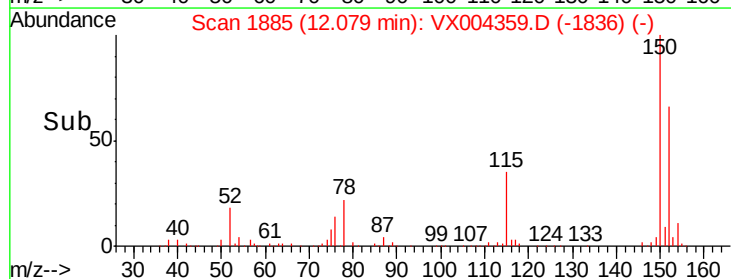
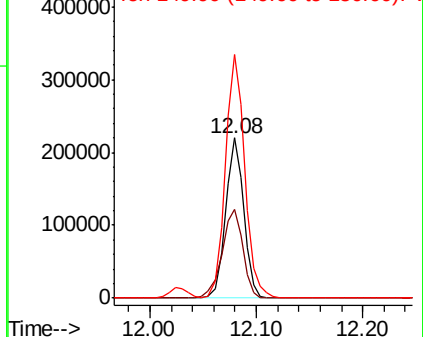
150 163.0 0.0 351.0

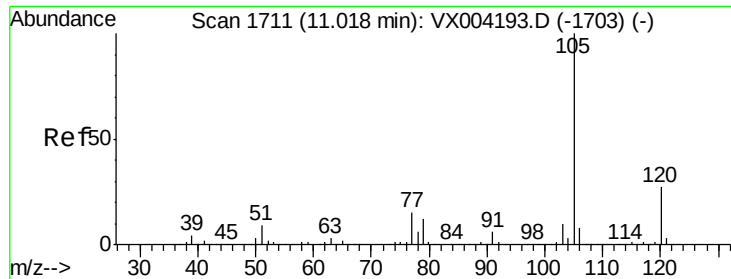


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.20 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

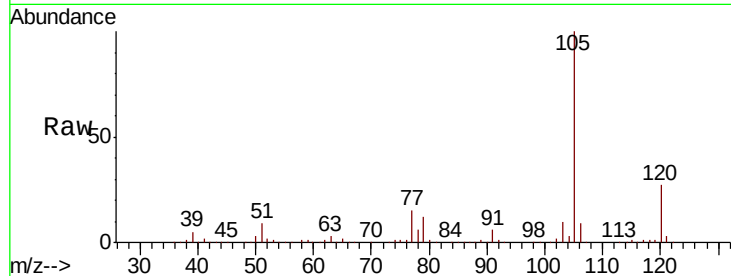
VX0904MBSD01

Tot Ion:105 Resp: 362833

Ion Ratio Lower Upper

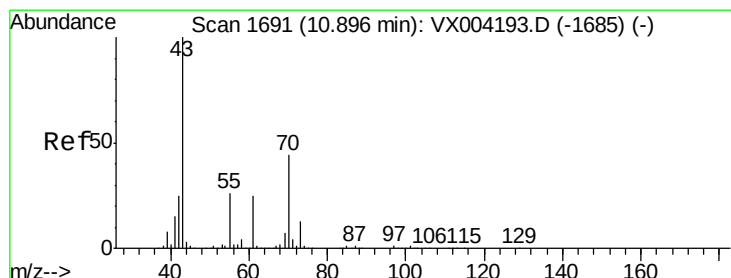
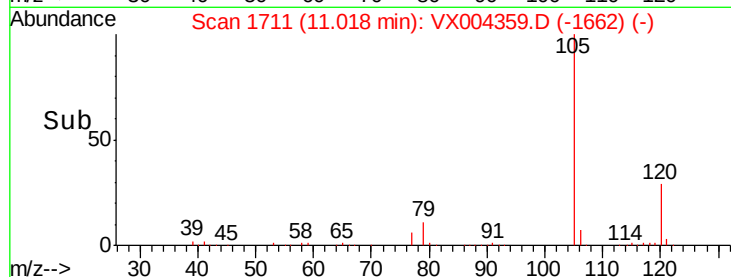
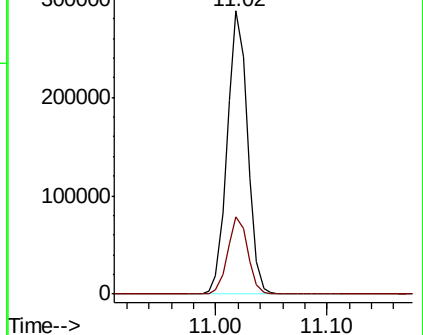
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.15 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Tgt Ion: 43 Resp: 132781

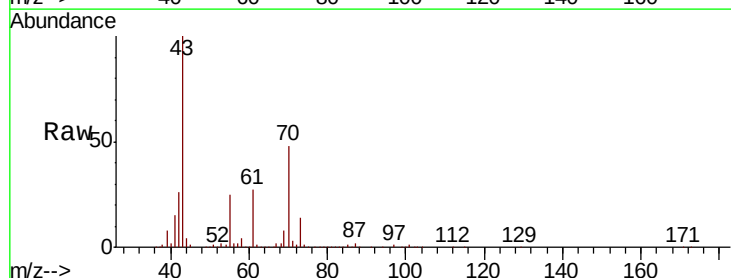
Ion Ratio Lower Upper

43 100

70 47.2 37.4 56.0

55 27.1 21.8 32.8

61 26.2 20.6 30.8

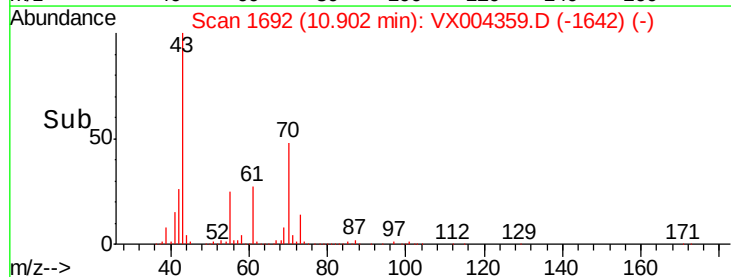
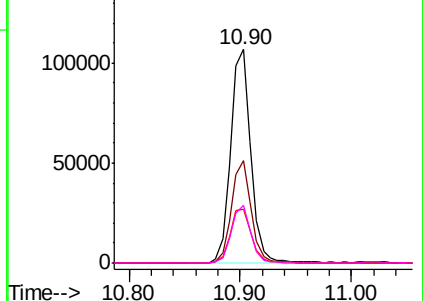


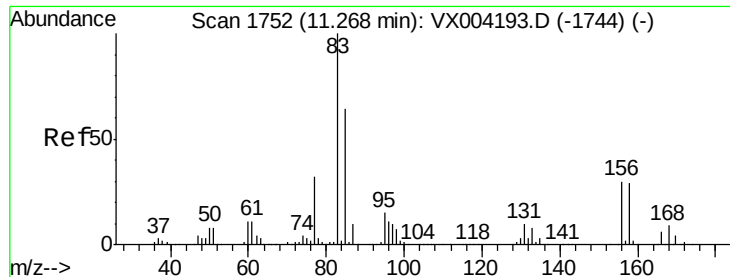
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.71 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

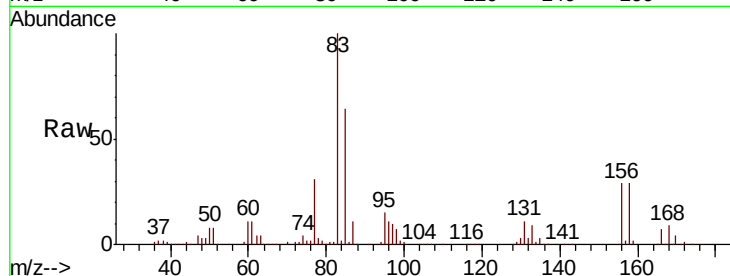
Tot Ion: 83 Resp: 118044

Ion Ratio Lower Upper

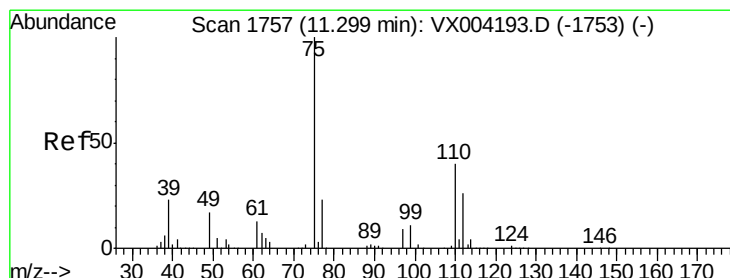
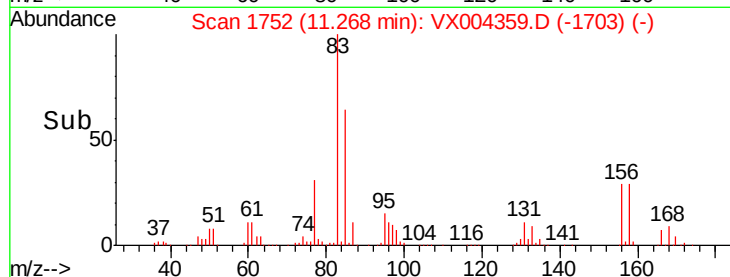
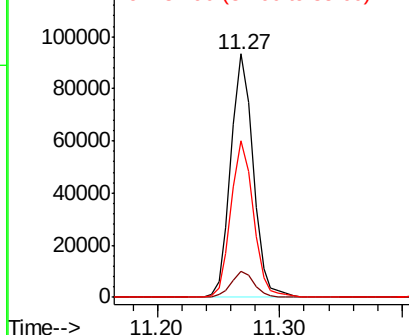
83 100

131 11.0 5.2 15.6

85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.76 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004359.D

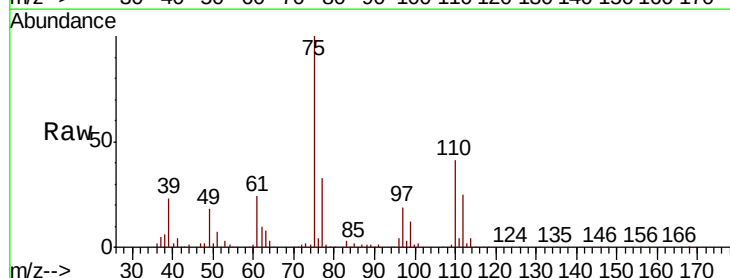
Acq: 04 Sep 2018 20:40

Tgt Ion: 75 Resp: 131223

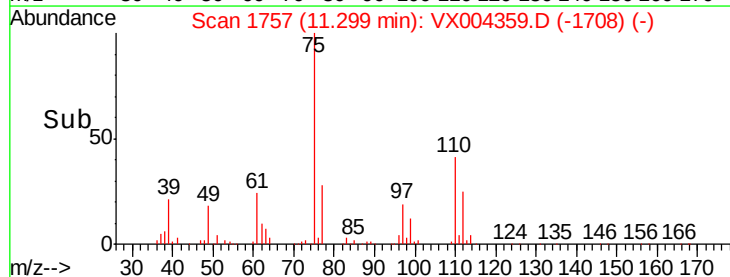
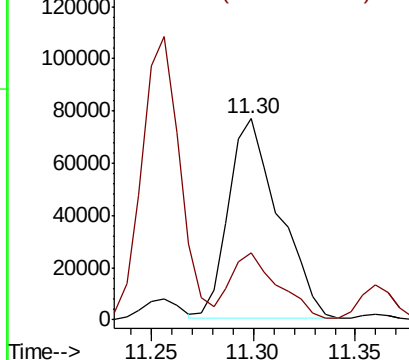
Ion Ratio Lower Upper

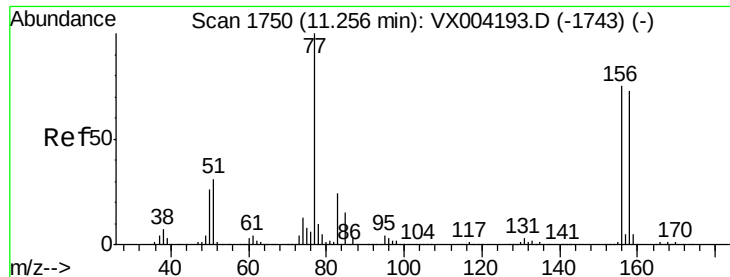
75 100

77 31.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.23 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

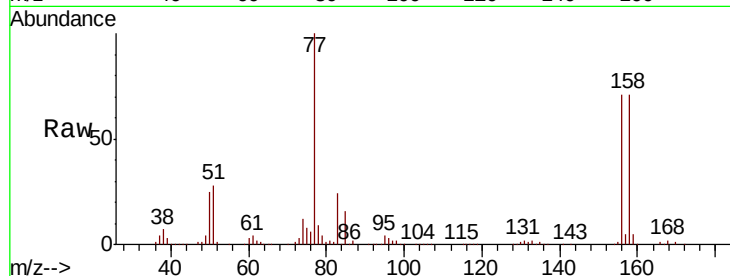
Tot Ion:156 Resp: 97129

Ion Ratio Lower Upper

156 100

77 144.7 71.5 214.3

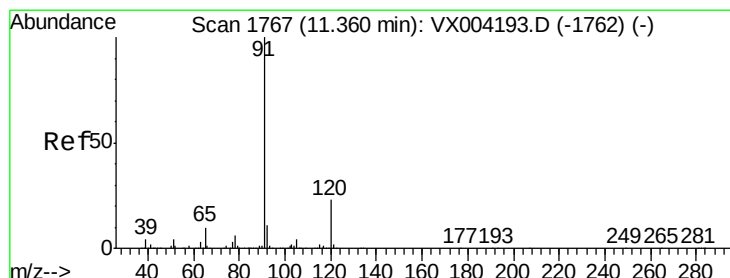
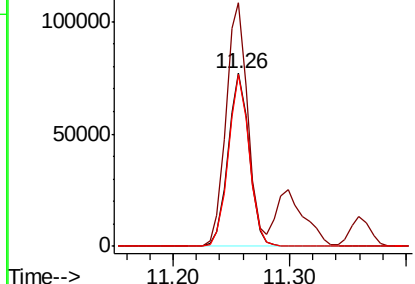
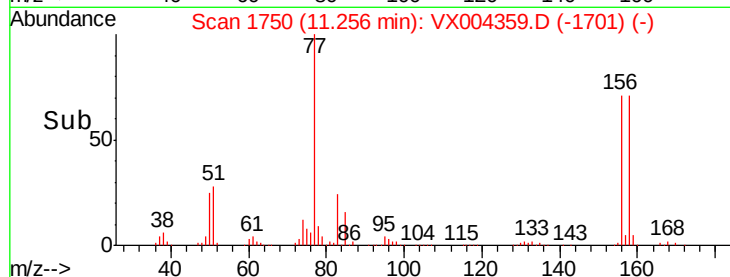
158 98.1 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.42 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004359.D

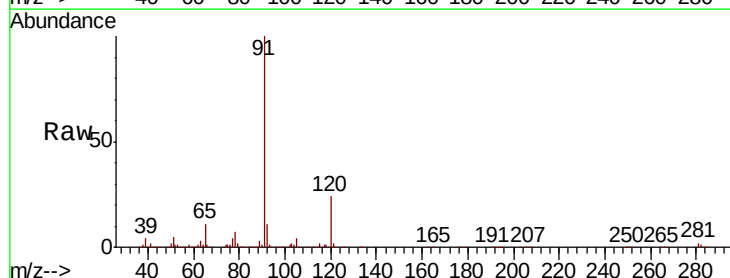
Acq: 04 Sep 2018 20:40

Tgt Ion: 91 Resp: 402026

Ion Ratio Lower Upper

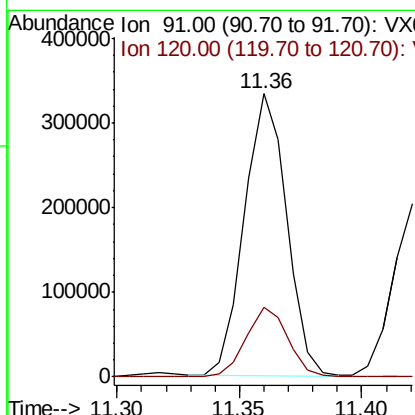
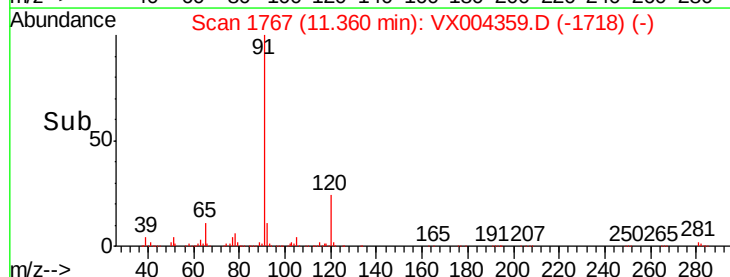
91 100

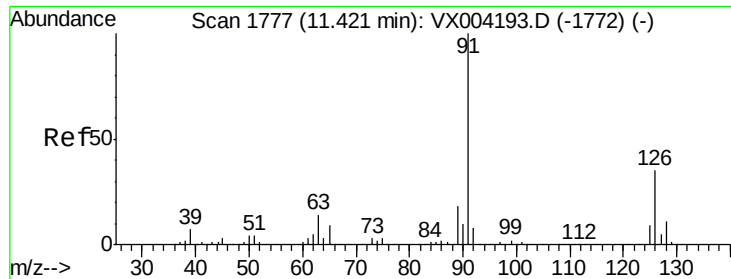
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

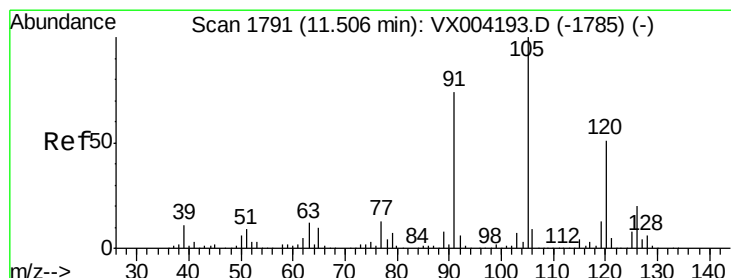
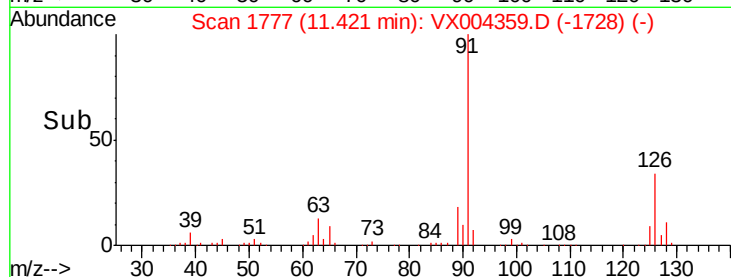
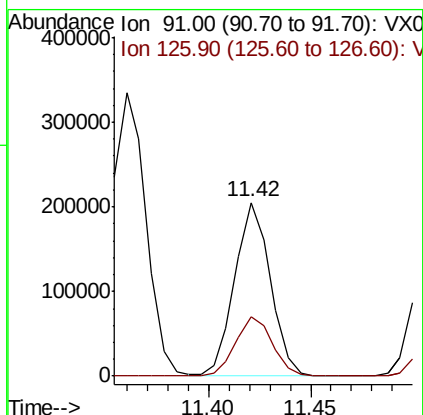
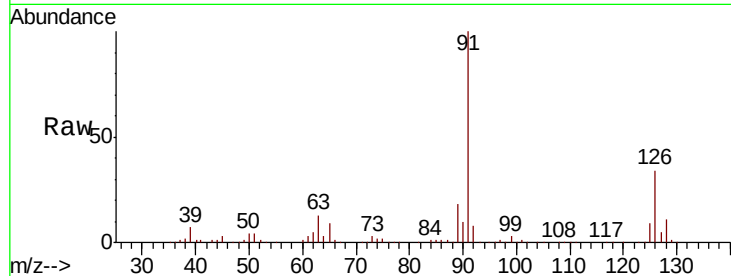




#79
 2-Chlorotoluene
 Concen: 20.40 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

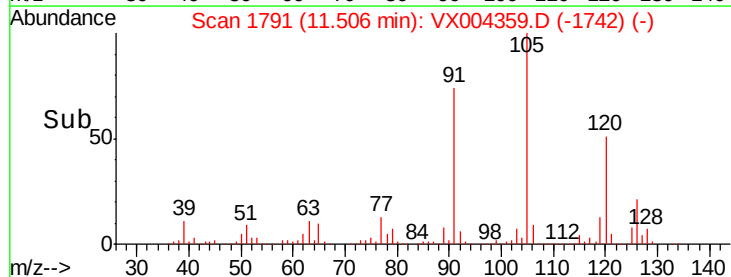
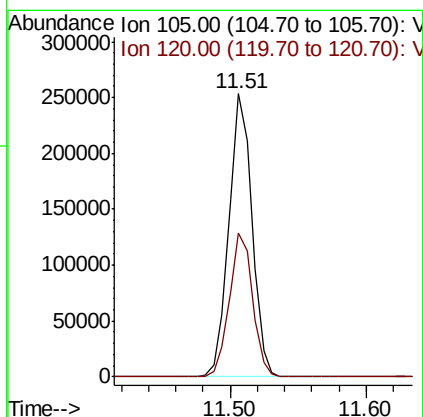
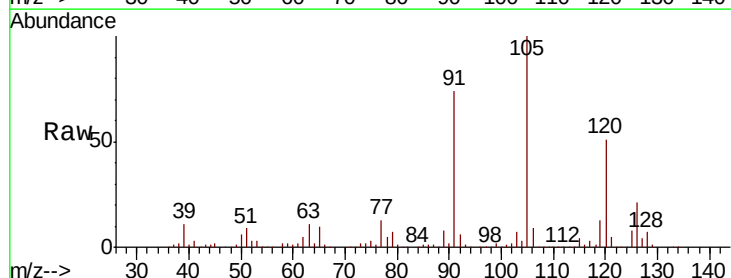
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

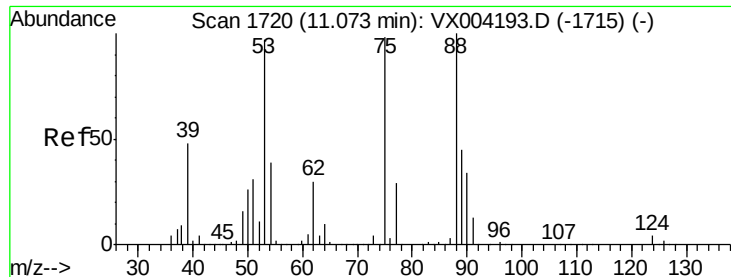
Tot Ion: 91 Resp: 247218
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.08 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion: 105 Resp: 298844
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.63 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

VX0904MBSD01

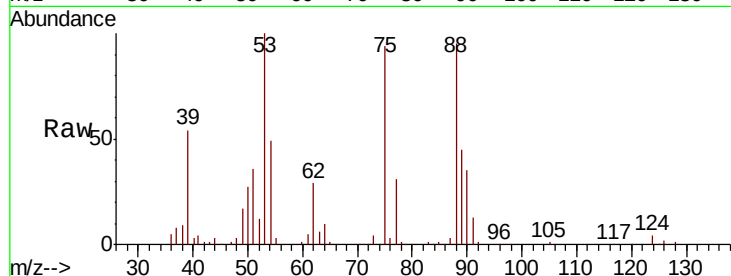
Tot Ion: 75 Resp: 28798

Ion Ratio Lower Upper

75 100

53 104.0 80.1 120.1

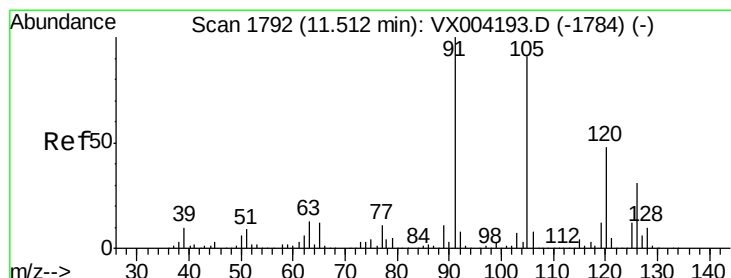
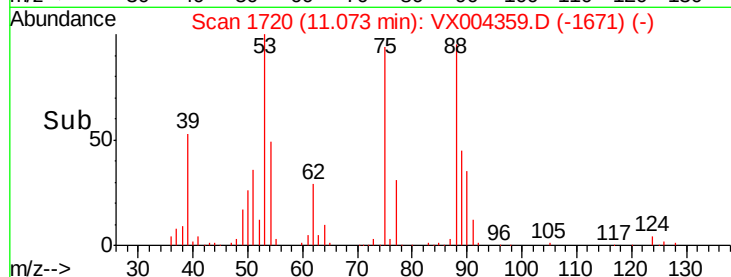
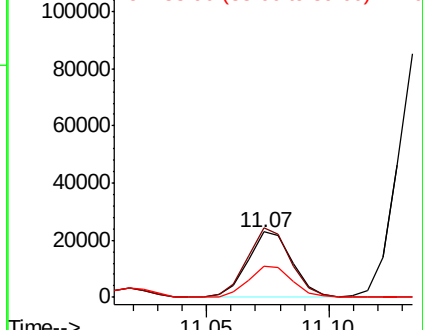
89 47.1 37.2 55.8



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: 20.05 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004359.D

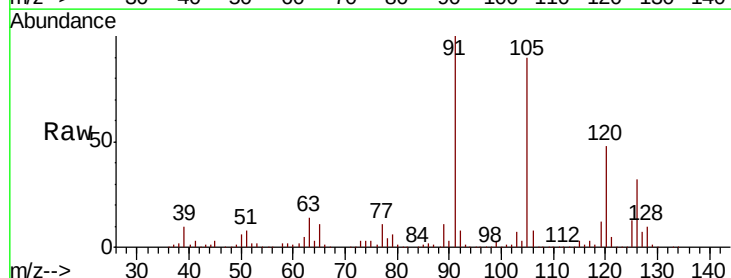
Acq: 04 Sep 2018 20:40

Tgt Ion: 91 Resp: 285830

Ion Ratio Lower Upper

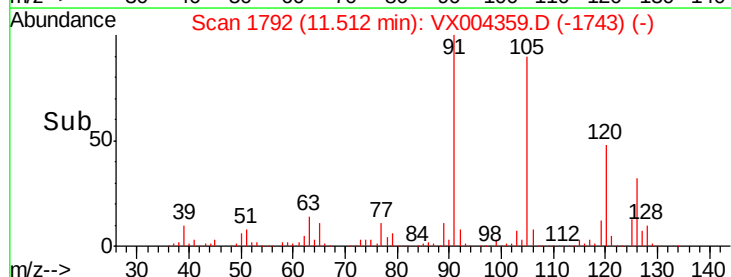
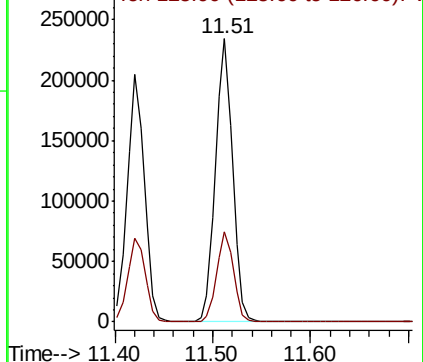
91 100

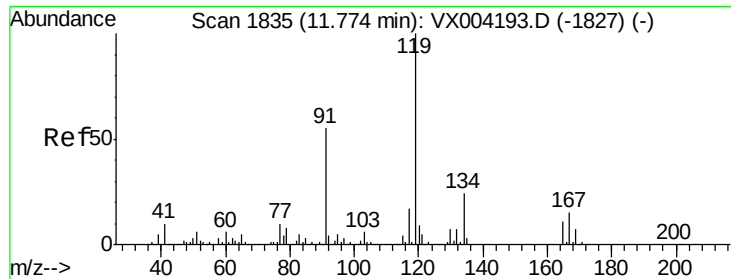
126 31.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

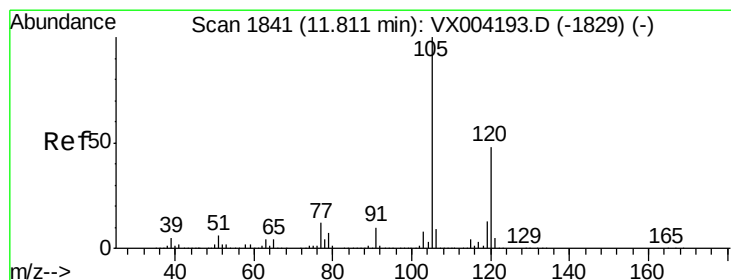
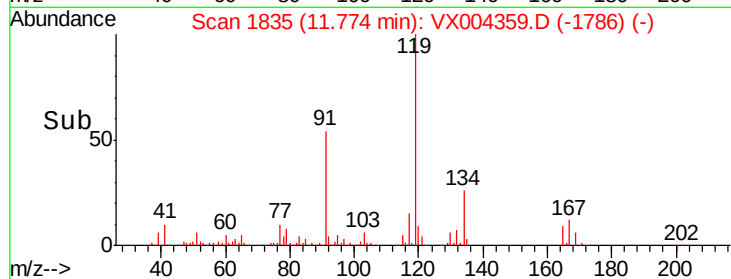
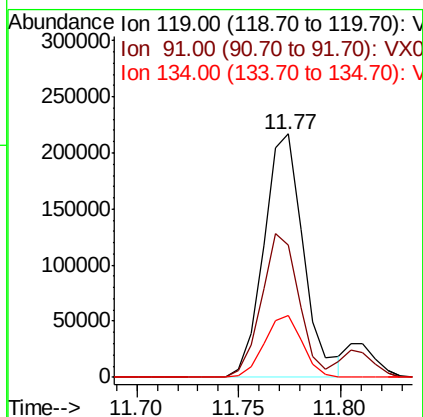
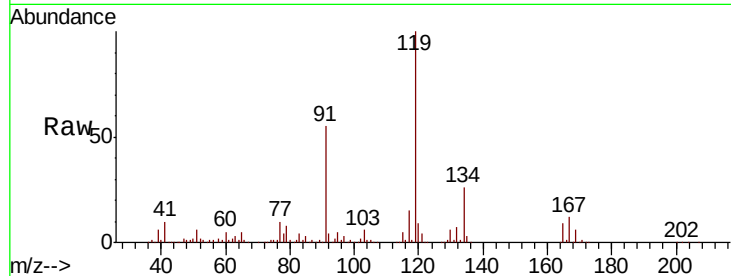




#83
 tert-Butylbenzene
 Concen: 20.62 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

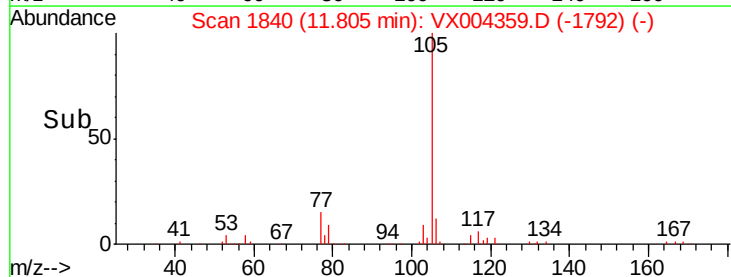
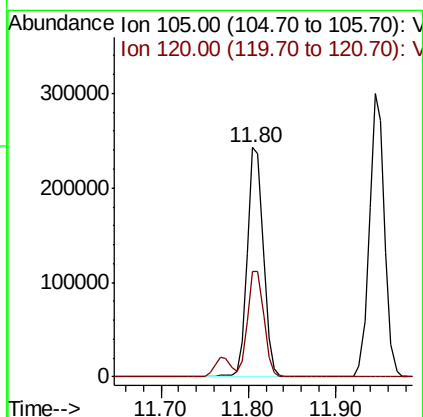
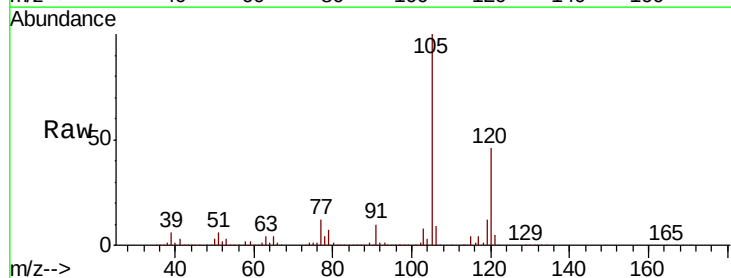
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0904MBSD01

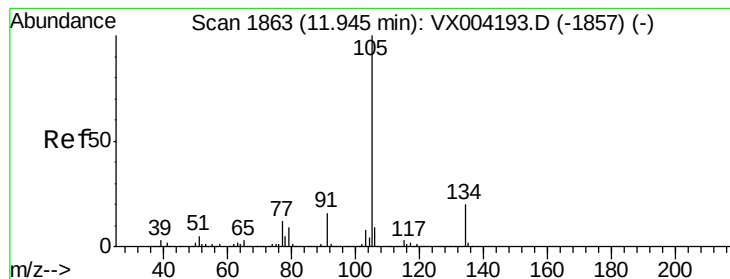
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.6	27.0	81.0
134	24.5	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.08 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.2	69.6





#85

sec-Butylbenzene

Concen: 21.54 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

Instrument :

MSVOA_X

ClientSampleId :

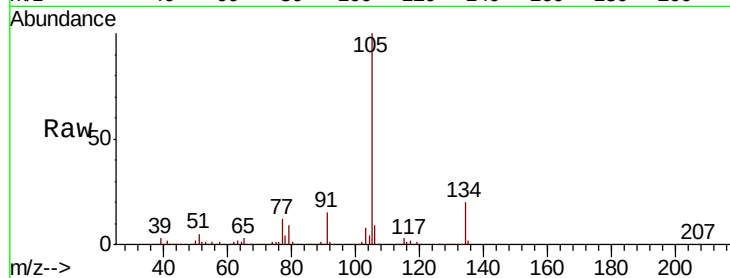
VX0904MBSD01

Tot Ion:105 Resp: 364739

Ion Ratio Lower Upper

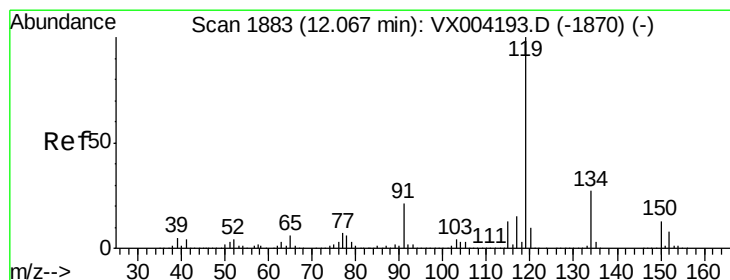
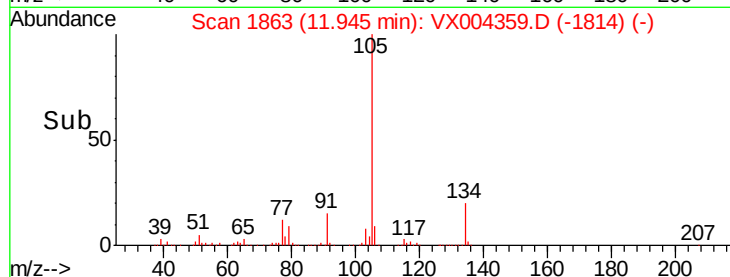
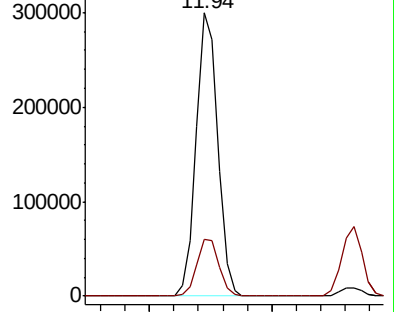
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.48 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX004359.D

Acq: 04 Sep 2018 20:40

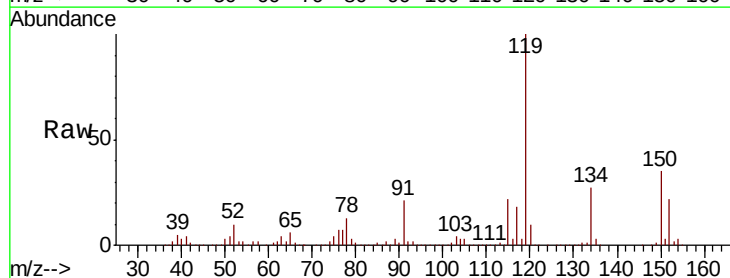
Tgt Ion:119 Resp: 325875

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

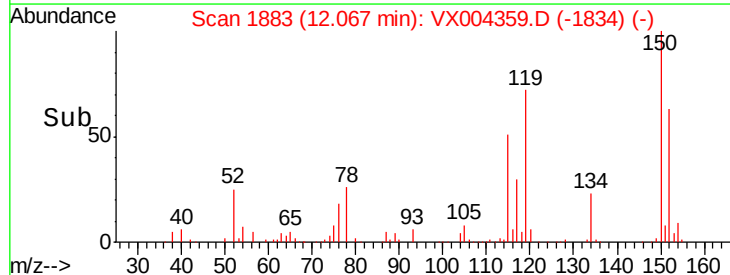
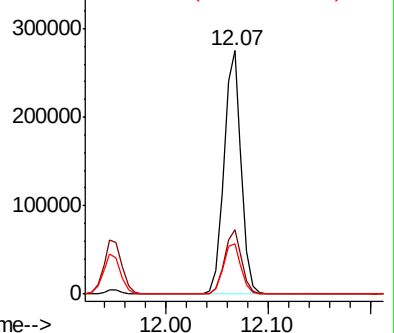
91 21.7 10.9 32.7

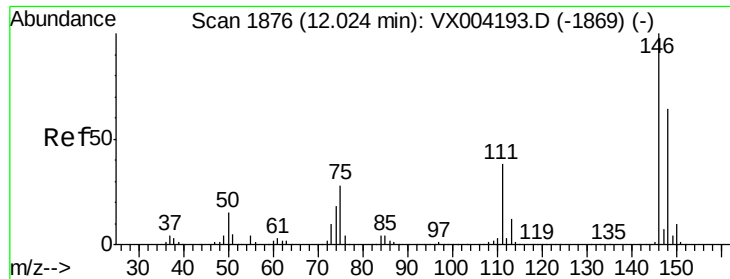


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

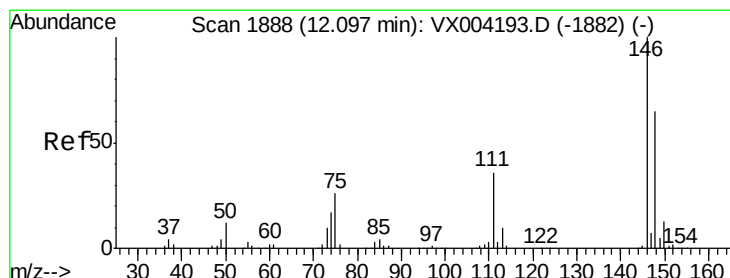
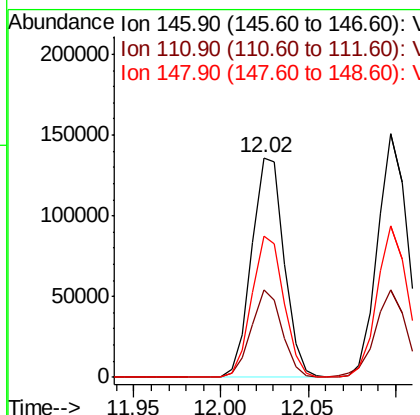
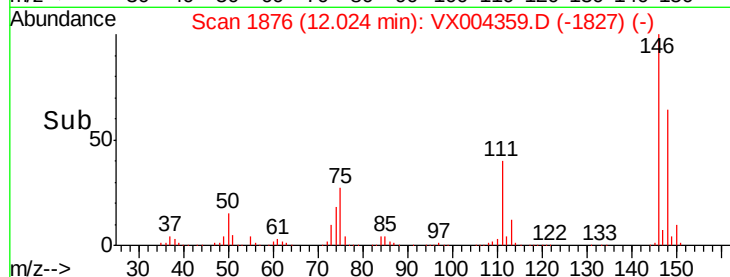
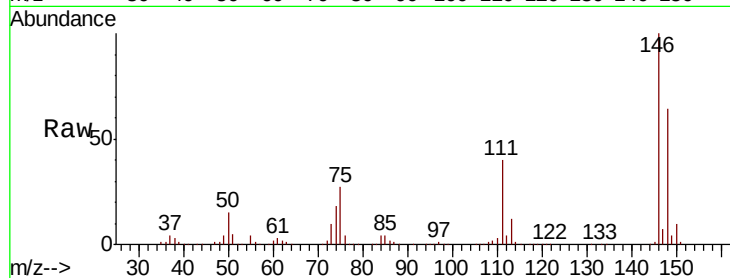




#87
 1,3-Dichlorobenzene
 Concen: 19.51 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

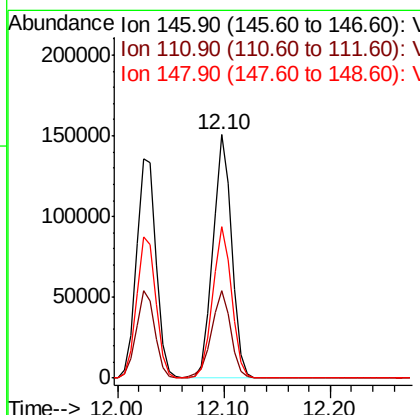
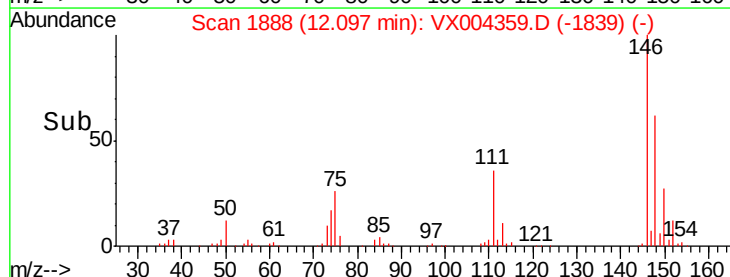
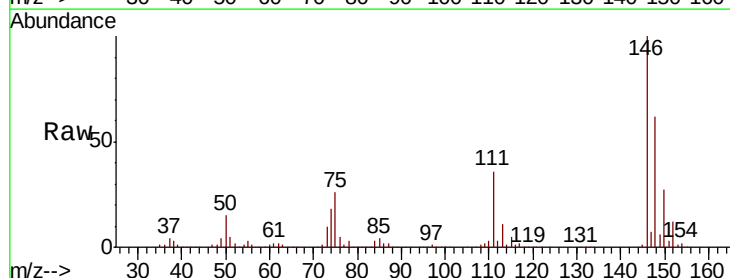
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

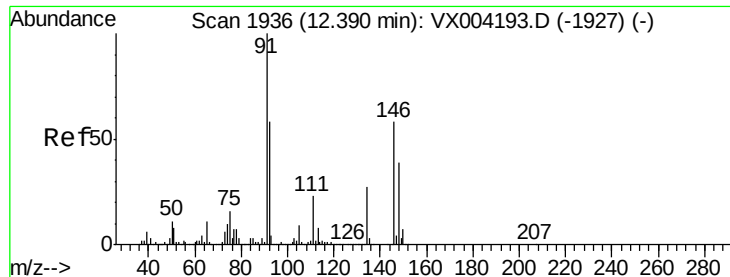
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	63.3	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.01 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.1
148	63.1	32.0	96.0

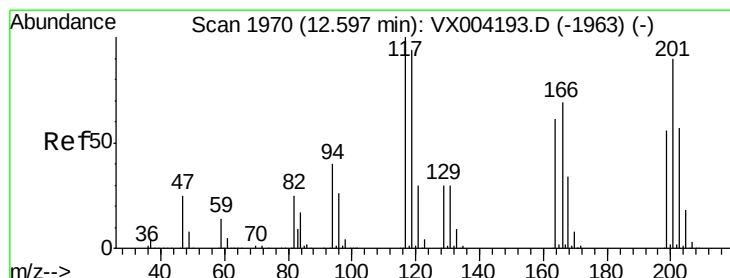
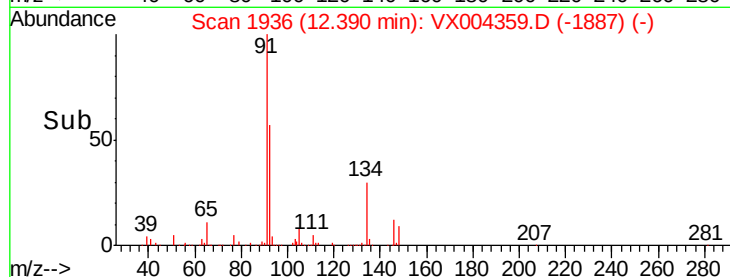
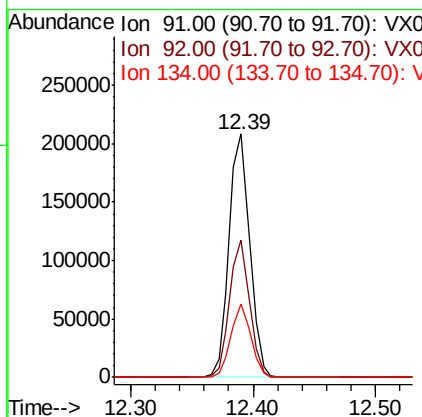
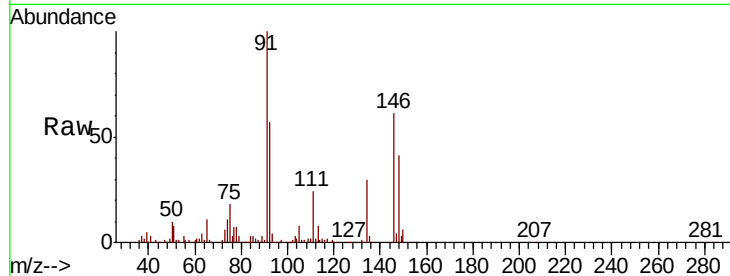




#89
n-Butylbenzene
Concen: 19.72 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

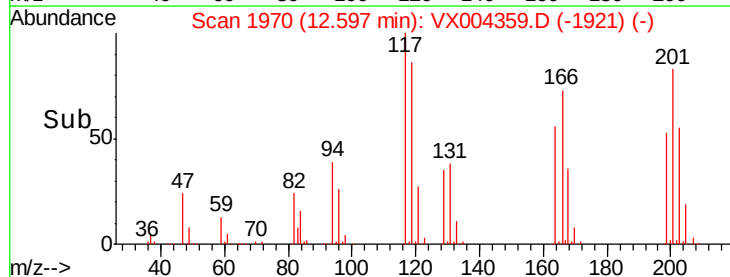
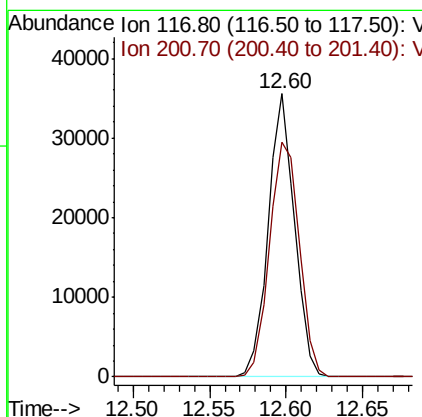
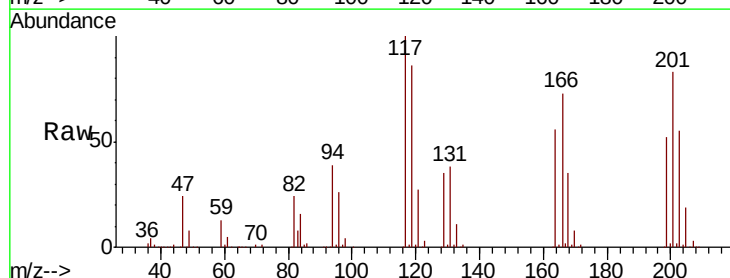
Instrument :
MSVOA_X
ClientSampled :
VX0904MBSD01

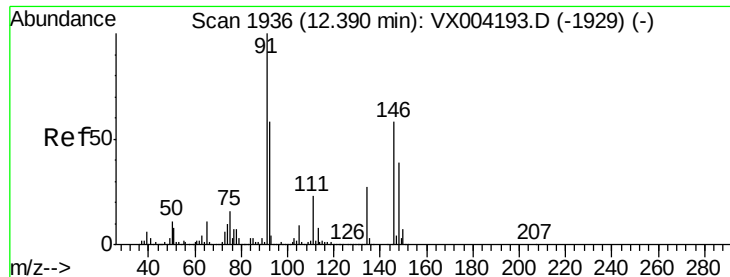
Tot Ion: 91 Resp: 243282
Ion Ratio Lower Upper
91 100
92 54.5 27.3 81.9
134 28.8 13.6 40.7



#90
Hexachloroethane
Concen: 20.13 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Tgt Ion: 117 Resp: 42698
Ion Ratio Lower Upper
117 100
201 94.0 46.9 140.6

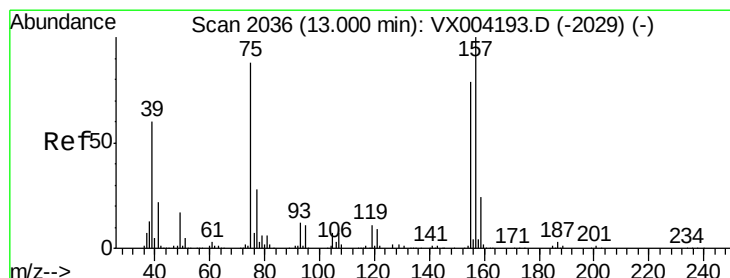
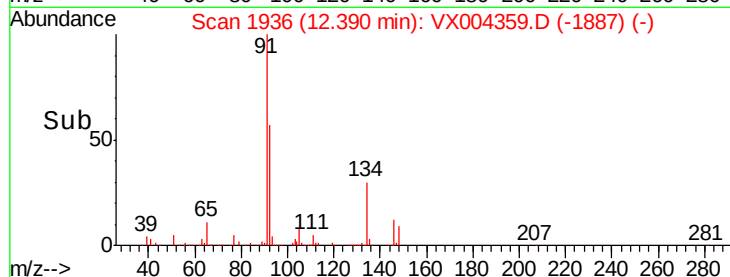
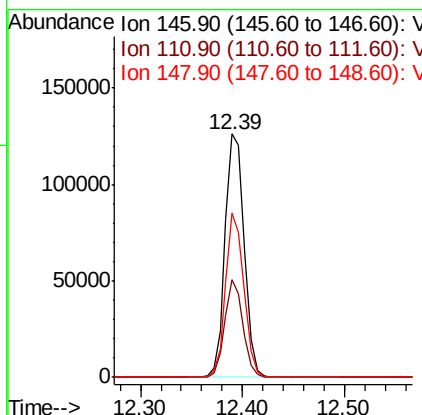
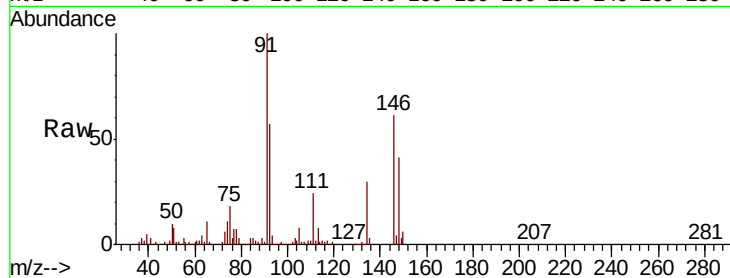




#91
 1,2-Dichlorobenzene
 Concen: 19.82 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

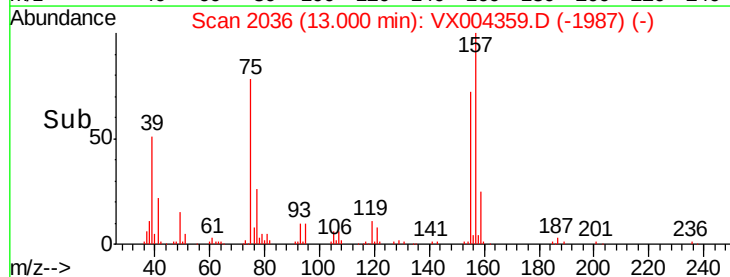
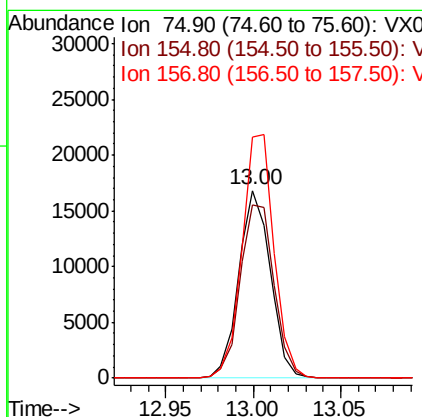
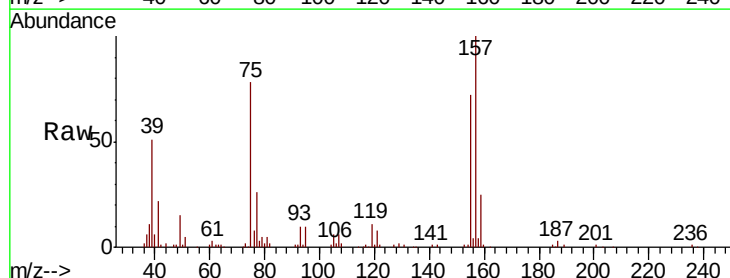
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

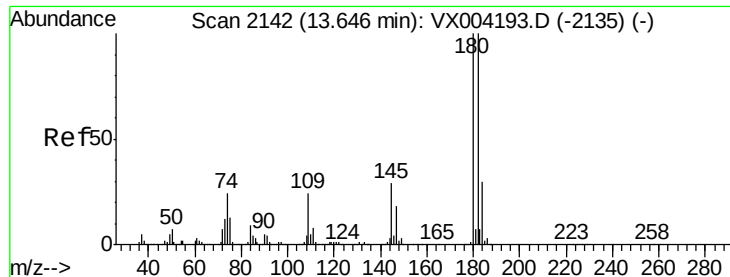
Tot Ion:146 Resp: 163773
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.1
 148 64.2 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.05 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion: 75 Resp: 21156
 Ion Ratio Lower Upper
 75 100
 155 98.8 48.0 144.2
 157 131.0 61.4 184.1

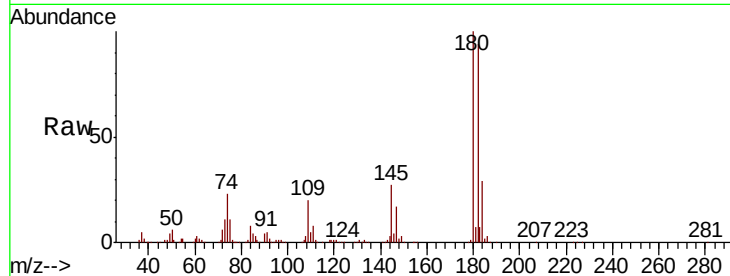




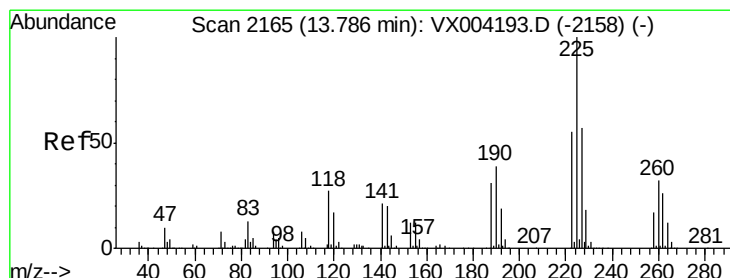
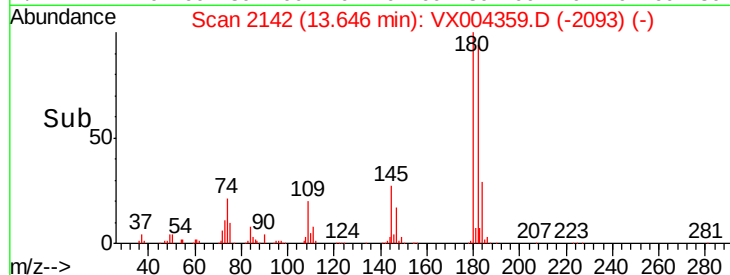
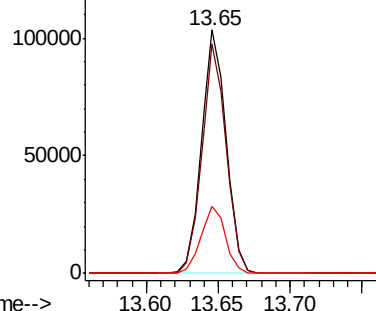
#93
 1,2,4-Trichlorobenzene
 Concen: 20.66 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904MBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	48.4	145.0
145	27.2	14.3	42.9

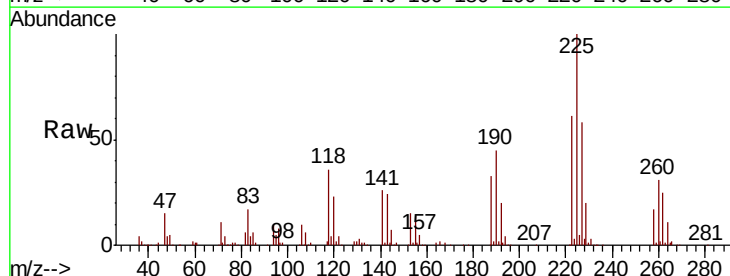


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

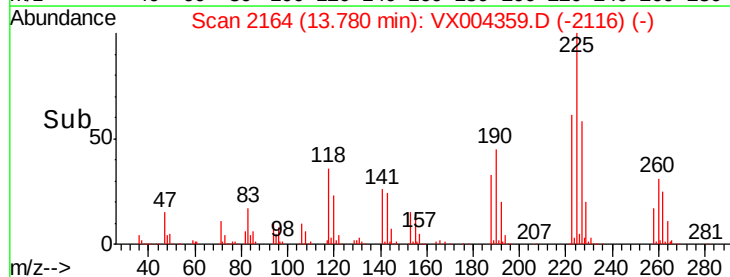
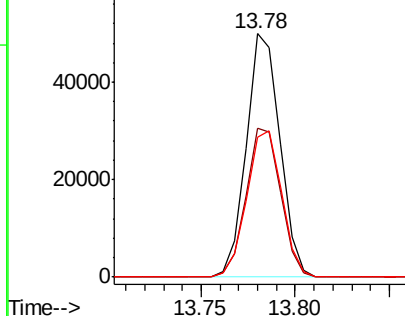


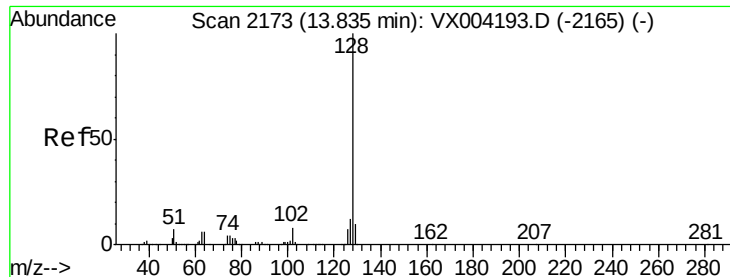
#94
 Hexachlorobutadiene
 Concen: 22.05 ug/l
 RT: 13.78 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: VX004359.D
 Acq: 04 Sep 2018 20:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.1	90.5
227	62.2	30.8	92.4



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

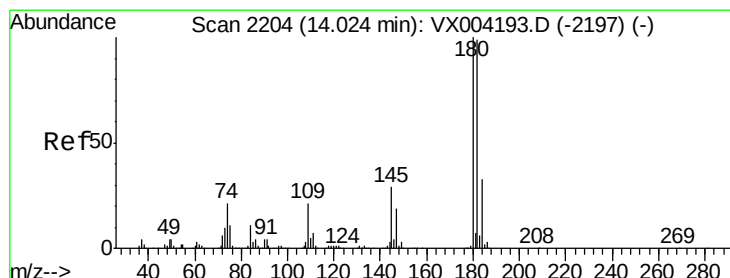
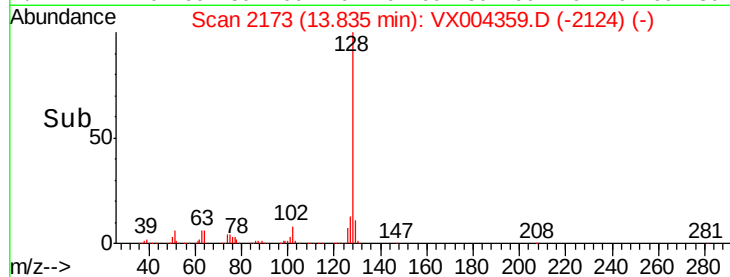
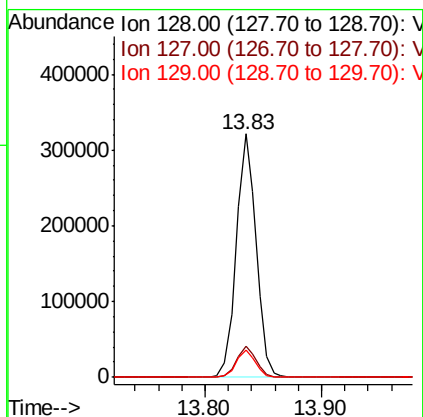
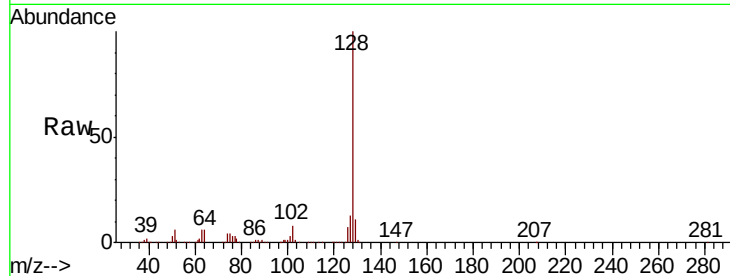




#95
Naphthalene
Concen: 22.45 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Instrument :
MSVOA_X
ClientSampleId :
VX0904MBSD01

Tot Ion:128 Resp: 381604
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.88 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX004359.D
Acq: 04 Sep 2018 20:40

Tgt Ion:180 Resp: 132893
Ion Ratio Lower Upper
180 100
182 97.0 48.5 145.6
145 29.8 14.9 44.9

