

Data File : VX004190.D
Acq On : 22 Aug 2018 10:22
Operator : JC/MD
Sample : VSTDIC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Aug 23 04:40:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	162893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	223733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	6296	2.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	5.94%	
35) Dibromofluoromethane	5.50	113	4808	2.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	5.78%	
50) Toluene-d8	8.71	98	15041	2.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	4.78%	
62) 4-Bromofluorobenzene	11.14	95	4288	1.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2780	1.473	ug/l	94
3) Chloromethane	1.32	50	4414	2.007	ug/l	94
4) Vinyl Chloride	1.40	62	4074	1.909	ug/l	99
5) Bromomethane	1.64	94	2871	2.222	ug/l	100
6) Chloroethane	1.73	64	3164	1.930	ug/l	99
7) Trichlorofluoromethane	1.93	101	5332	1.823	ug/l	94
8) Diethyl Ether	2.18	74	2388	1.907	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3757	2.051	ug/l	98
10) Methyl Iodide	2.51	142	2714	1.441	ug/l	100
11) Tert butyl alcohol	3.06	59	4945	10.927	ug/l	96
12) 1,1-Dichloroethene	2.37	96	3371	1.953	ug/l	96
13) Acrolein	2.29	56	1278	11.713	ug/l #	78
14) Allyl chloride	2.73	41	6504	2.051	ug/l	94
15) Acrylonitrile	3.15	53	10913	9.737	ug/l	98
16) Acetone	2.44	43	12071	11.967	ug/l	99
17) Carbon Disulfide	2.57	76	9289	1.831	ug/l #	95
18) Methyl Acetate	2.78	43	7207	2.288	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	10936	1.923	ug/l	97
20) Methylene Chloride	2.86	84	4700	2.300	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	3931	2.058	ug/l	96
22) Diisopropyl ether	3.87	45	12114	2.046	ug/l	98
23) Vinyl Acetate	3.82	43	42485	8.855	ug/l	99
24) 1,1-Dichloroethane	3.70	63	7228	2.095	ug/l	99
25) 2-Butanone	4.70	43	17519	11.120	ug/l	96
26) 2,2-Dichloropropane	4.57	77	5380	1.988	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	4157	1.919	ug/l	93
28) Bromochloromethane	5.02	49	2881	1.886	ug/l #	98
29) Tetrahydrofuran	5.15	42	8612	9.441	ug/l	96
30) Chloroform	5.21	83	6890	1.992	ug/l	97
31) Cyclohexane	5.57	56	4957	1.665	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	5393	1.870	ug/l	96
36) 1,1-Dichloropropene	5.80	75	5029	1.999	ug/l	98
37) Ethyl Acetate	4.85	43	4989	2.017	ug/l #	95
38) Carbon Tetrachloride	5.78	117	4598	1.943	ug/l	91

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MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: Aug 23 04:40:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	5022	1.749	ug/l	88
40) Benzene	6.14	78	14569	1.938	ug/l	98
41) Methacrylonitrile	5.06	41	2995	2.089	ug/l	95
42) 1,2-Dichloroethane	6.20	62	5367	2.093	ug/l	99
43) Isopropyl Acetate	6.46	43	7192	1.892	ug/l	97
44) Trichloroethene	7.21	130	4307	2.070	ug/l	92
45) 1,2-Dichloropropane	7.51	63	3724	1.980	ug/l	97
46) Dibromomethane	7.66	93	2476	1.977	ug/l	96
47) Bromodichloromethane	7.90	83	4466	1.916	ug/l	96
48) Methyl methacrylate	7.78	41	3391	1.667	ug/l	93
49) 1,4-Dioxane	7.76	88	1599	34.626	ug/l #	75
51) 4-Methyl-2-Pentanone	8.65	43	25463	9.220	ug/l	99
52) Toluene	8.79	92	8443	1.795	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	4262	1.656	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	4844	1.728	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	3521	1.854	ug/l	94
56) Ethyl methacrylate	9.18	69	3876	1.499	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	6129	1.915	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	8087	6.105	ug/l	96
59) 2-Hexanone	9.49	43	18602	8.829	ug/l	91
60) Dibromochloromethane	9.59	129	3264	1.764	ug/l	98
61) 1,2-Dibromoethane	9.67	107	3565	1.814	ug/l	97
64) Tetrachloroethene	9.34	164	4102	1.932	ug/l	96
65) Chlorobenzene	10.14	112	10647	1.974	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	3391	1.823	ug/l	96
67) Ethyl Benzene	10.25	91	13477	1.538	ug/l	97
68) m/p-Xylenes	10.36	106	9494	2.772	ug/l	87
69) o-Xylene	10.70	106	4831	1.491	ug/l	98
70) Styrene	10.71	104	7178	1.368	ug/l	96
71) Bromoform	10.86	173	2174	1.450	ug/l #	91
73) Isopropylbenzene	11.02	105	12296	1.609	ug/l	98
74) N-amyl acetate	10.90	43	5042	1.714	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	5508	2.060	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	5489	2.390	ug/l	90
77) Bromobenzene	11.26	156	4176	1.948	ug/l	96
78) n-propylbenzene	11.36	91	13352	1.519	ug/l	98
79) 2-Chlorotoluene	11.42	91	9451	1.747	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	9526	1.505	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	1113	1.526	ug/l #	80
82) 4-Chlorotoluene	11.51	91	10060	1.580	ug/l	99
83) tert-Butylbenzene	11.77	119	10109	1.588	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	9213	1.418	ug/l	98
85) sec-Butylbenzene	11.94	105	11427	1.512	ug/l	100
86) p-Isopropyltoluene	12.07	119	9999	1.476	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	7679	1.903	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	8451	1.991	ug/l	86
89) n-Butylbenzene	12.39	91	9069	1.646	ug/l	98
90) Hexachloroethane	12.60	117	1856	1.960	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	8150	2.210	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	881	1.871	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Quantitation Report (Not Reviewed)

Data File : VX004190.D
Acq On : 22 Aug 2018 10:22
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

Quant Time: Aug 23 04:40:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 04:40:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	4599	1.714	ug/l	95
94) Hexachlorobutadiene	13.79	225	2699	2.049	ug/l	95
95) Naphthalene	13.83	128	10550	1.390	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	4600	1.619	ug/l	97

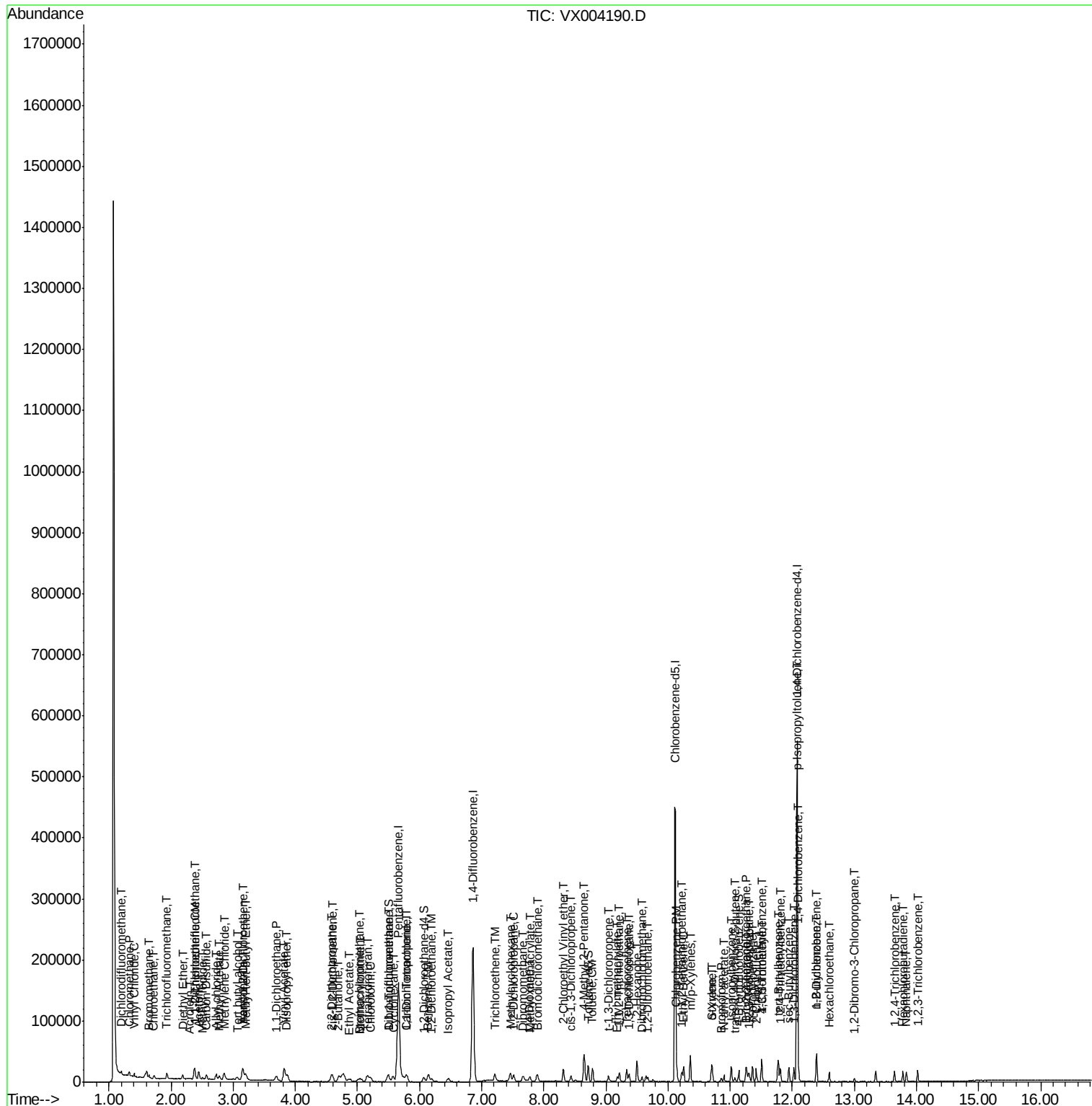
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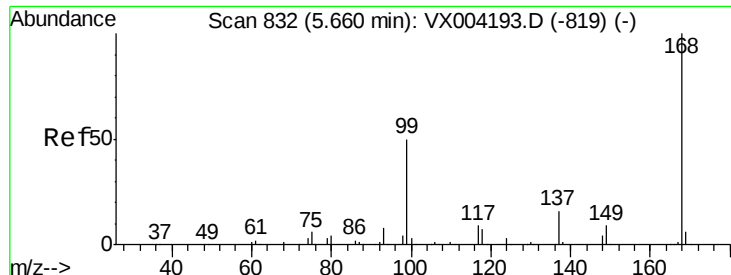
Data File : VX004190.D

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Acq On       : 22 Aug 2018   10:22
Operator     : JC/MD
Sample       : VSTDIC001
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ALS Vial     : 2      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

Quant Time: Aug 23 04:40:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

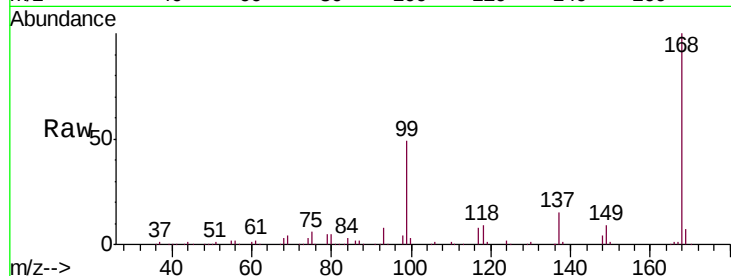
VSTDICC

Tgt Ion:168 Resp: 162893

Ion Ratio Lower Upper

168 100

99 49.0 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

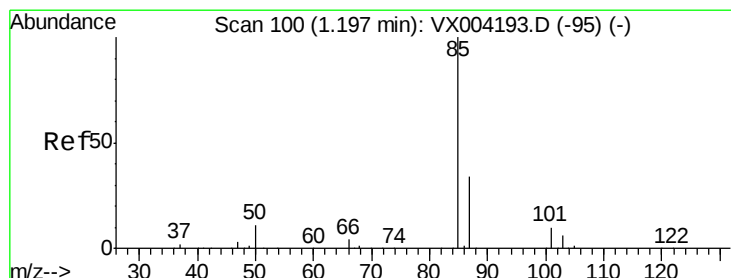
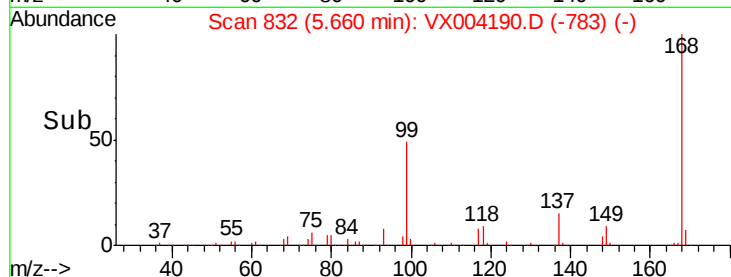
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.473 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX004190.D

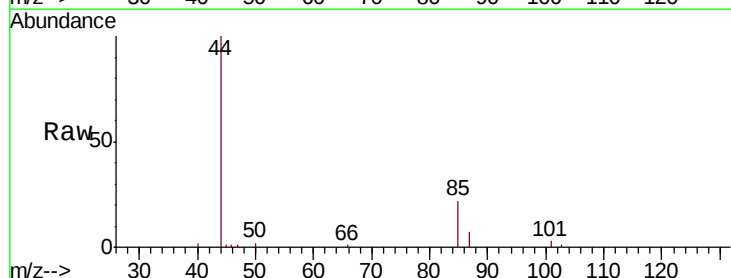
Acq: 22 Aug 2018 10:22

Tgt Ion: 85 Resp: 2780

Ion Ratio Lower Upper

85 100

87 30.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

3000

2500

2000

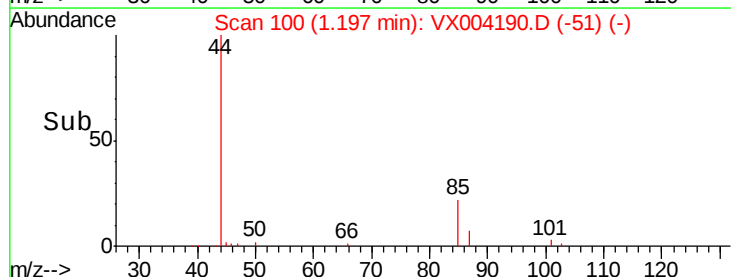
1500

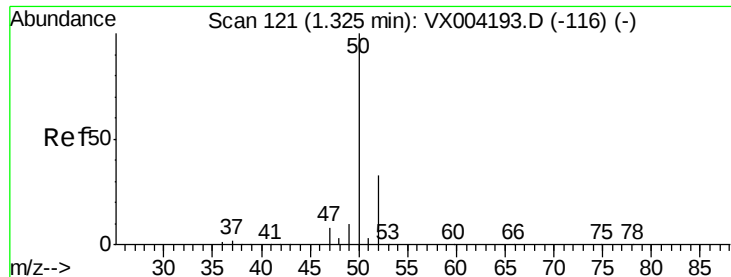
1000

500

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 2.007 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

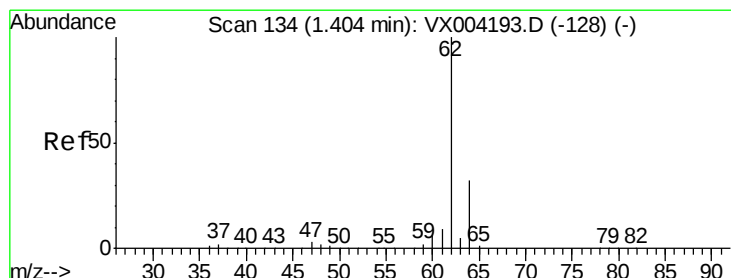
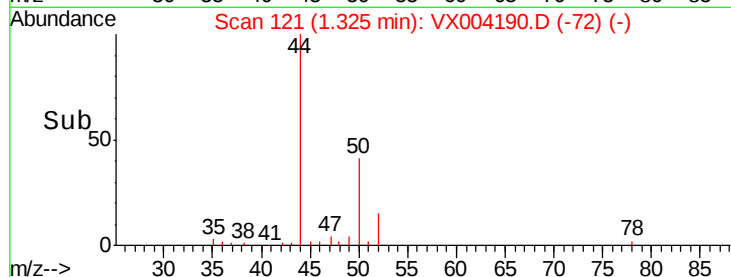
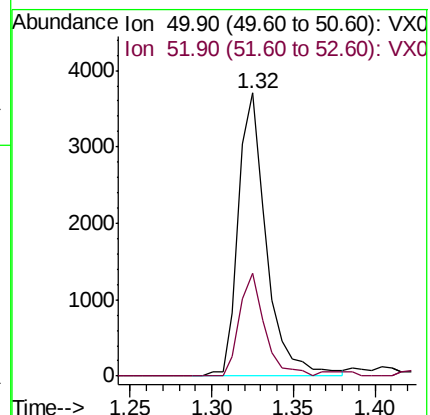
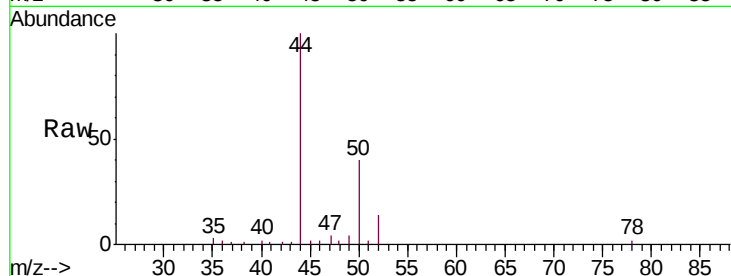
VSTDICC

Tgt Ion: 50 Resp: 4414

Ion Ratio Lower Upper

50 100

52 36.3 26.2 39.2



#4

Vinyl Chloride

Concen: 1.909 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004190.D

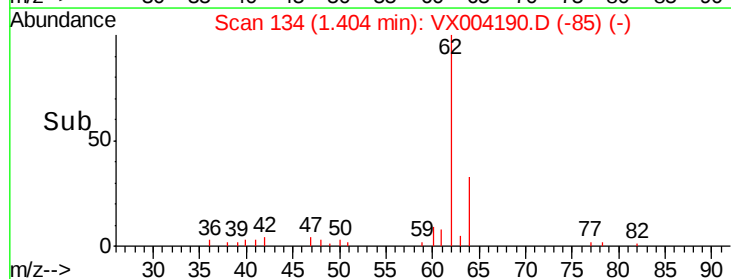
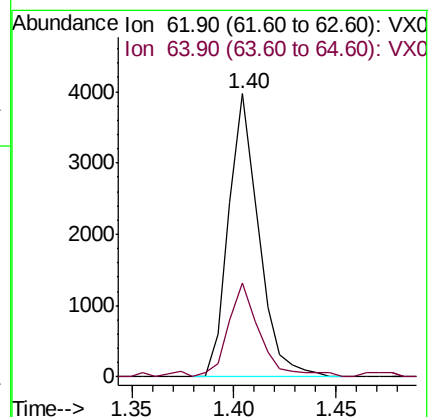
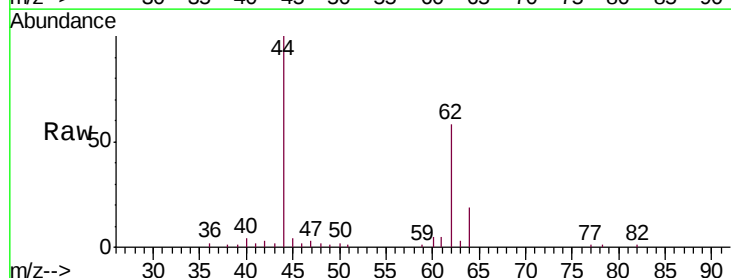
Acq: 22 Aug 2018 10:22

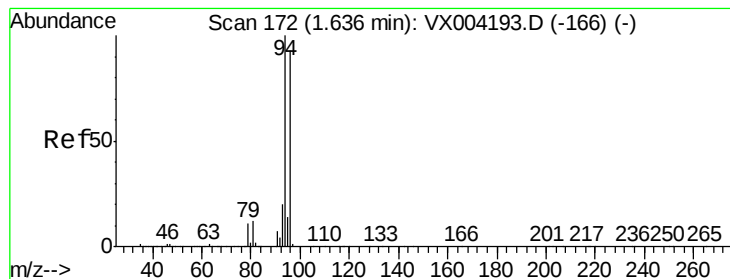
Tgt Ion: 62 Resp: 4074

Ion Ratio Lower Upper

62 100

64 33.1 25.8 38.8





#5

Bromomethane

Concen: 2.222 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

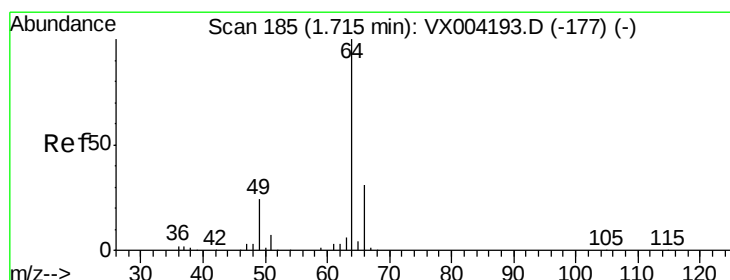
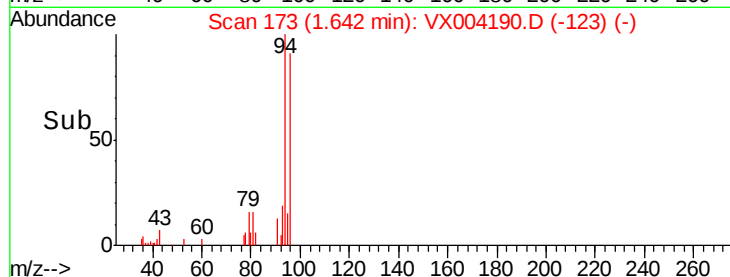
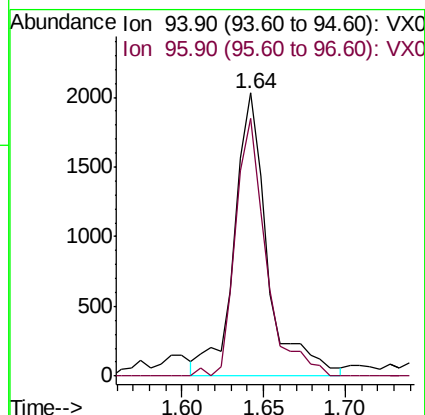
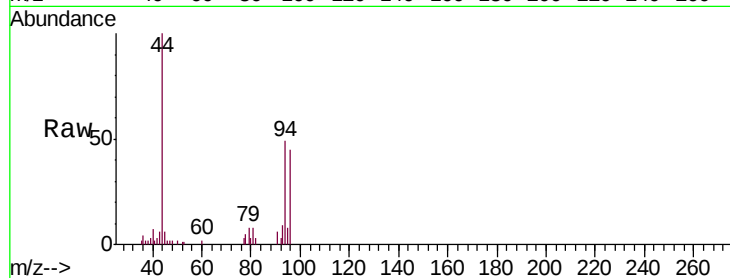
VSTDICC

Tgt Ion: 94 Resp: 2871

Ion Ratio Lower Upper

94 100

96 93.4 74.5 111.7



#6

Chloroethane

Concen: 1.930 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004190.D

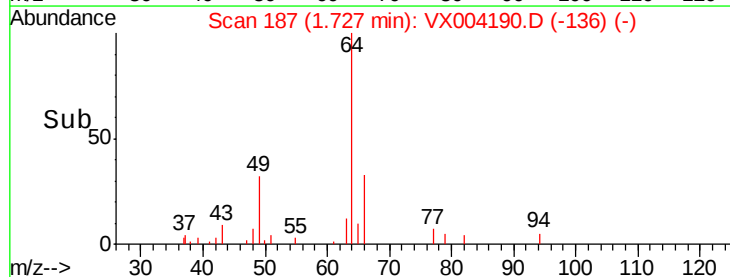
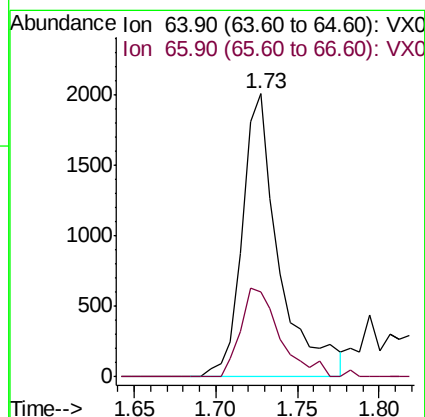
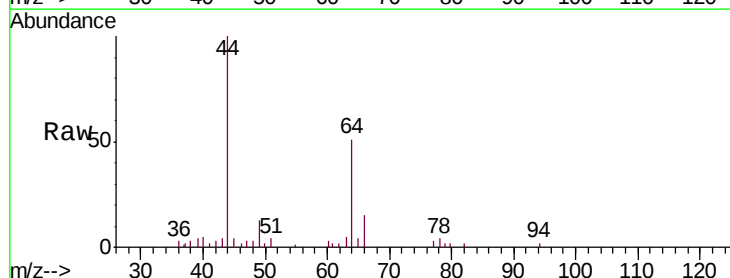
Acq: 22 Aug 2018 10:22

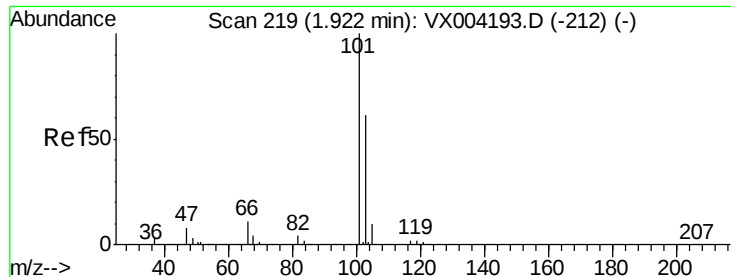
Tgt Ion: 64 Resp: 3164

Ion Ratio Lower Upper

64 100

66 30.0 24.6 36.8





#7

Trichlorofluoromethane

Concen: 1.823 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

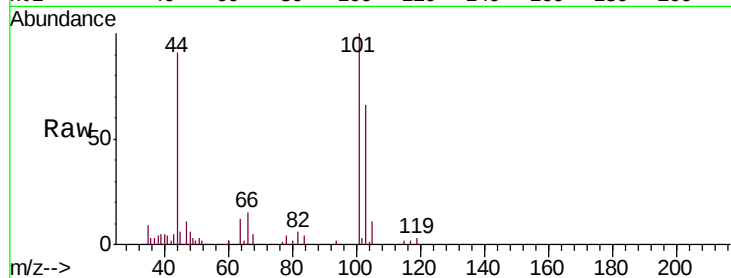
VSTDICC

Tgt Ion:101 Resp: 5332

Ion Ratio Lower Upper

101 100

103 65.7 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

4000

3000

2000

1000

0

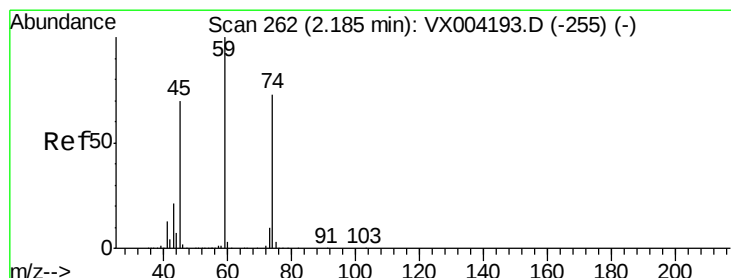
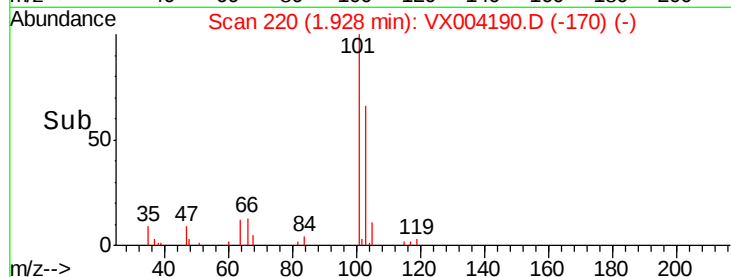
Time-->

1.85

1.90

1.95

2.00



#8

Diethyl Ether

Concen: 1.907 ug/l

RT: 2.18 min Scan# 262

Delta R.T. 0.00 min

Lab File: VX004190.D

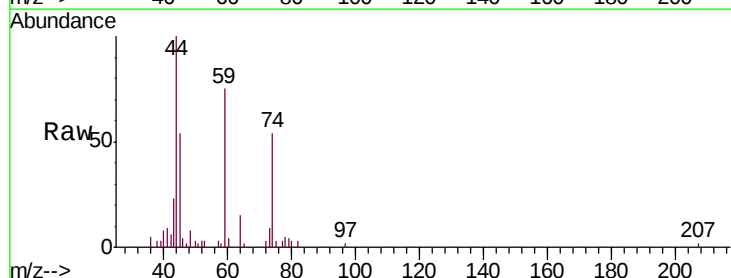
Acq: 22 Aug 2018 10:22

Tgt Ion: 74 Resp: 2388

Ion Ratio Lower Upper

74 100

45 99.6 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

1500

1000

500

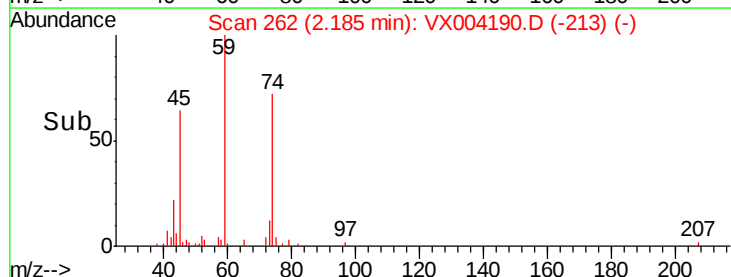
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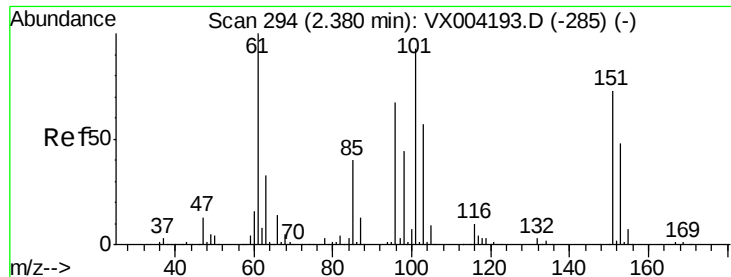
Time-->

2.15

2.20

2.25





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.051 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampled :

VSTDICC

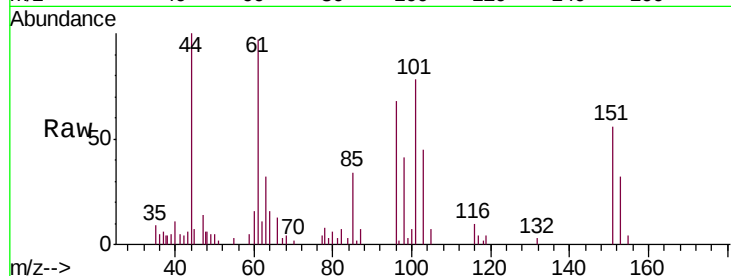
Tgt Ion:101 Resp: 3757

Ion Ratio Lower Upper

101 100

85 44.6 34.2 51.4

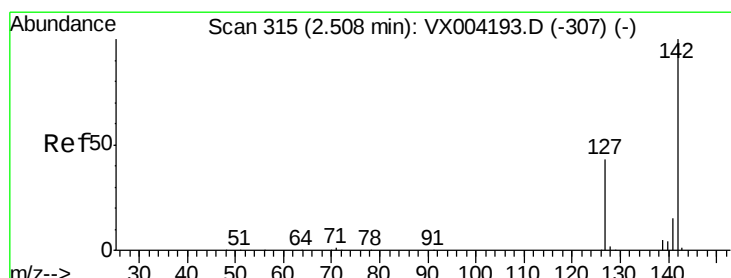
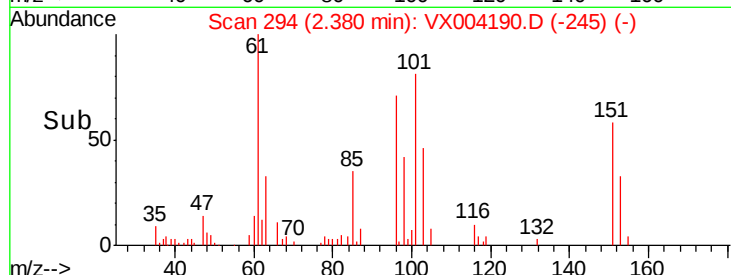
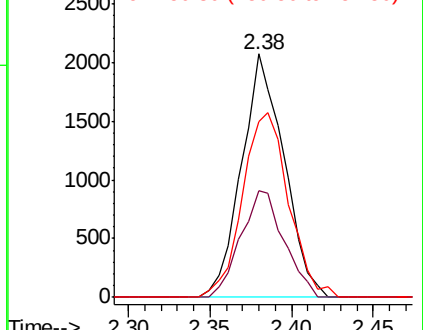
151 82.2 65.0 97.6



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: 1.441 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

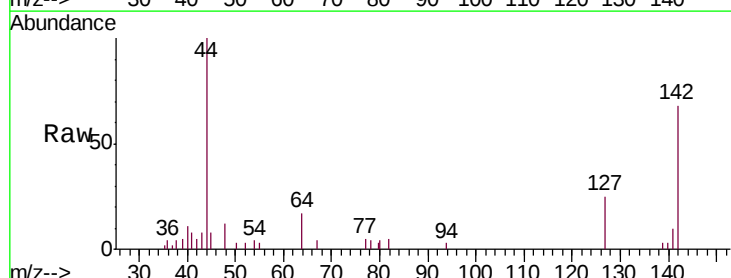
Tgt Ion:142 Resp: 2714

Ion Ratio Lower Upper

142 100

127 42.2 33.8 50.6

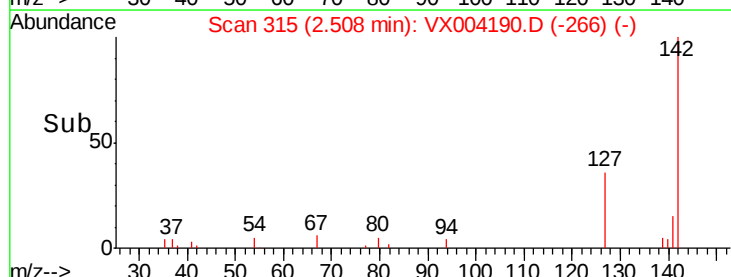
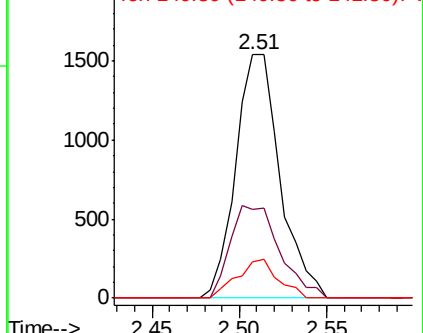
141 14.6 11.4 17.0

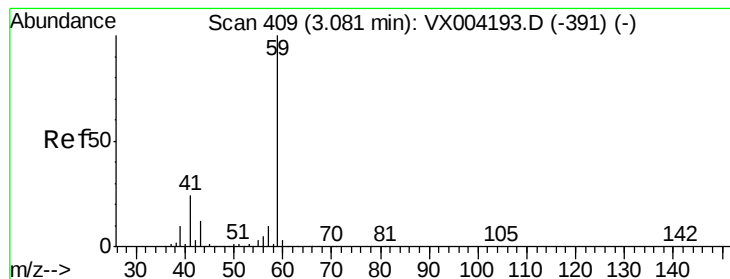


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



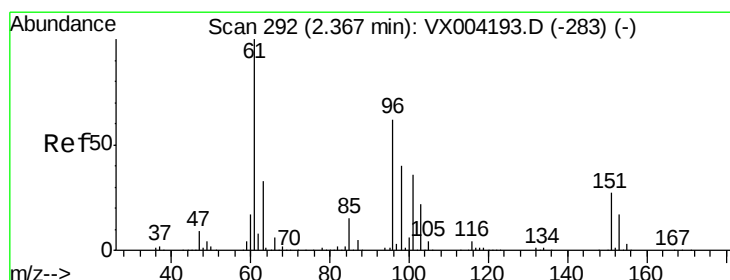
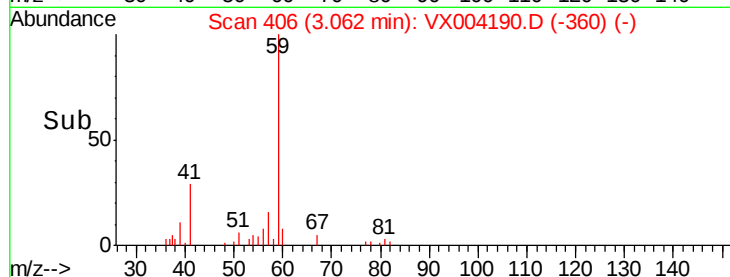
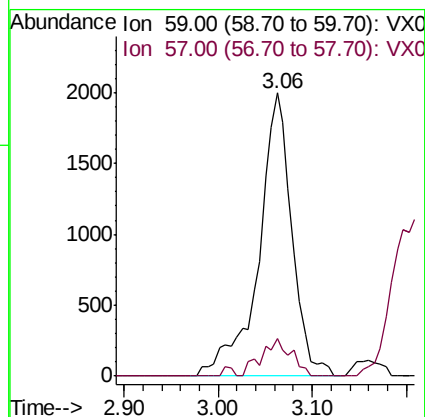
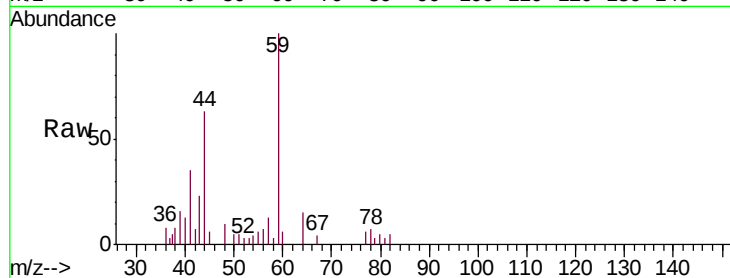


#11

Tert butyl alcohol
 Concen: 10.927 ug/l
 RT: 3.06 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

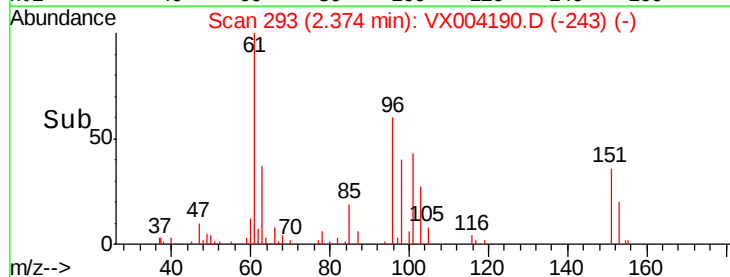
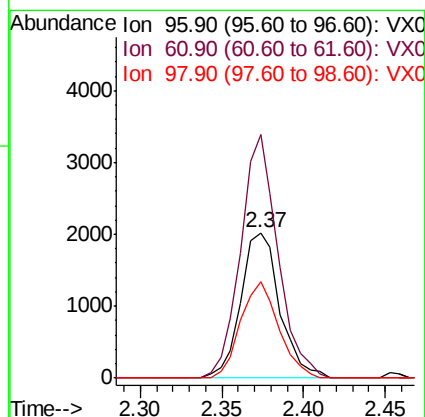
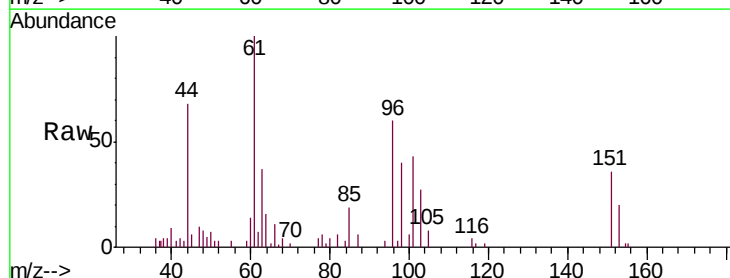
Tgt Ion: 59 Resp: 4945
 Ion Ratio Lower Upper
 59 100
 57 11.8 8.2 12.4

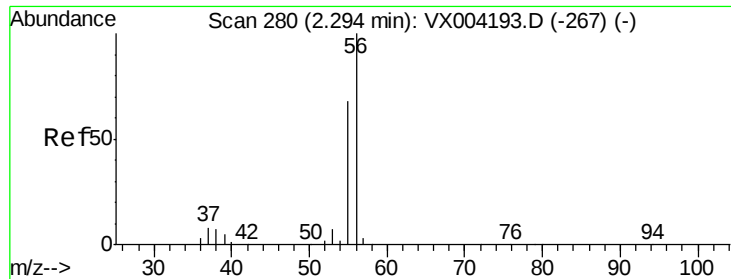


#12

1,1-Dichloroethene
 Concen: 1.953 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Tgt Ion: 96 Resp: 3371
 Ion Ratio Lower Upper
 96 100
 61 167.1 128.8 193.2
 98 66.4 52.2 78.2





#13

Acrolein

Concen: 11.713 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

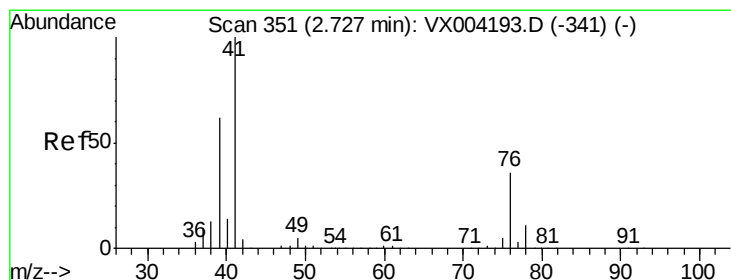
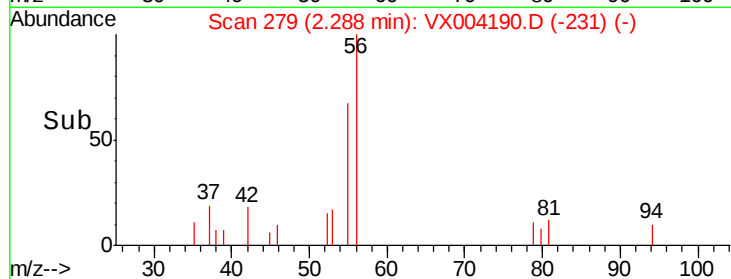
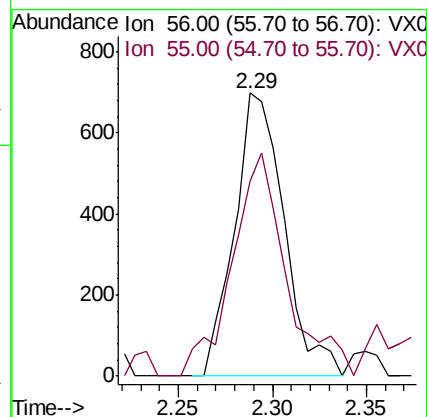
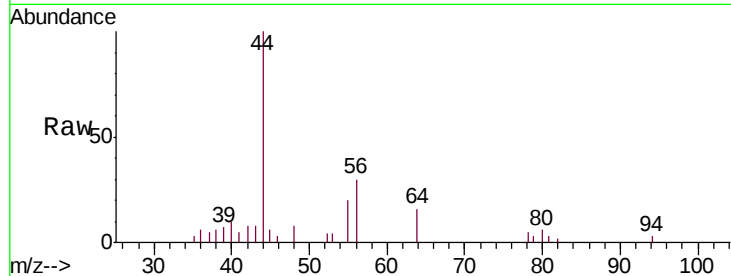
VSTDICC

Tgt Ion: 56 Resp: 1278

Ion Ratio Lower Upper

56 100

55 86.0 54.7 82.1#



#14

Allyl chloride

Concen: 2.051 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

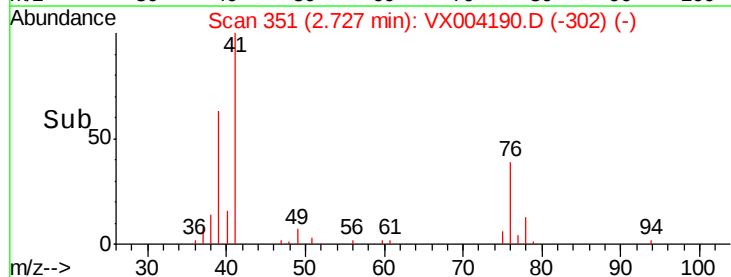
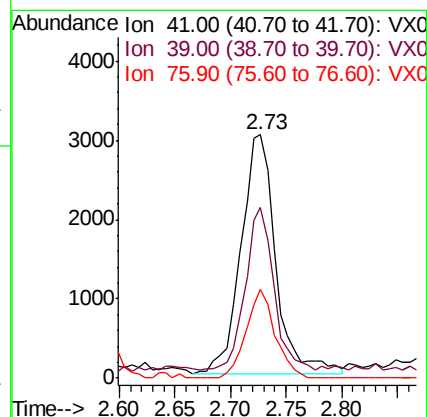
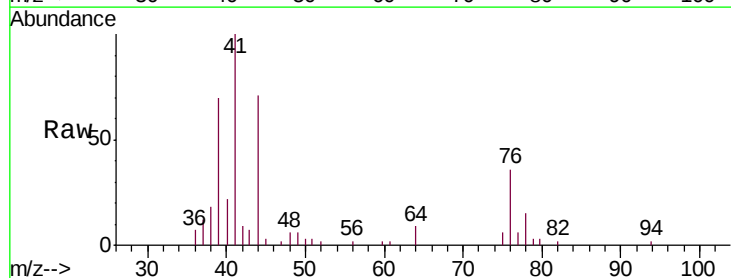
Tgt Ion: 41 Resp: 6504

Ion Ratio Lower Upper

41 100

39 55.8 48.9 73.3

76 31.1 26.7 40.1





#15

Acrylonitrile

Concen: 9.737 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

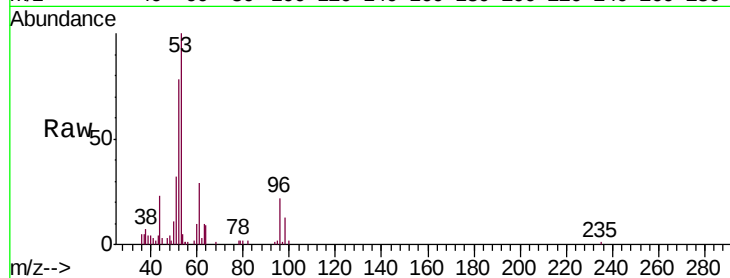
Tgt Ion: 53 Resp: 10913

Ion Ratio Lower Upper

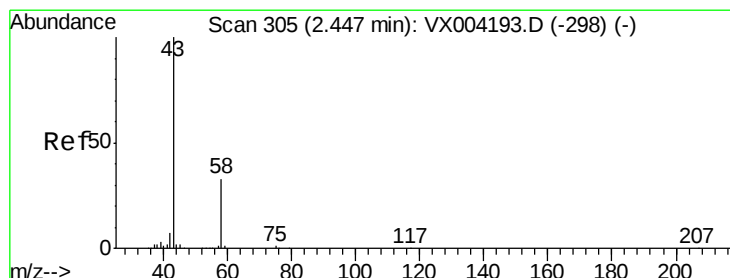
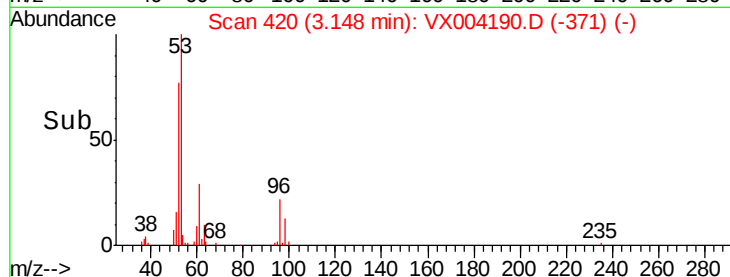
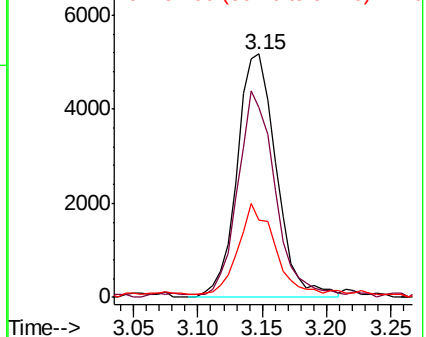
53 100

52 79.4 65.2 97.8

51 34.1 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: 11.967 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.01 min

Lab File: VX004190.D

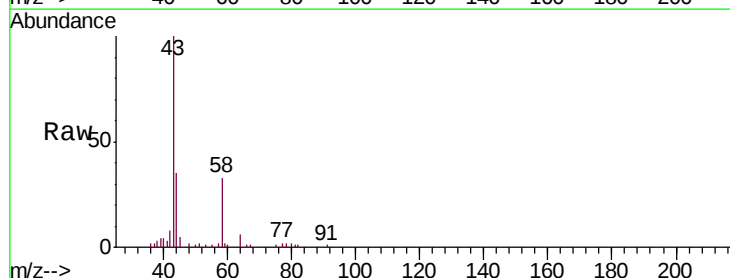
Acq: 22 Aug 2018 10:22

Tgt Ion: 43 Resp: 12071

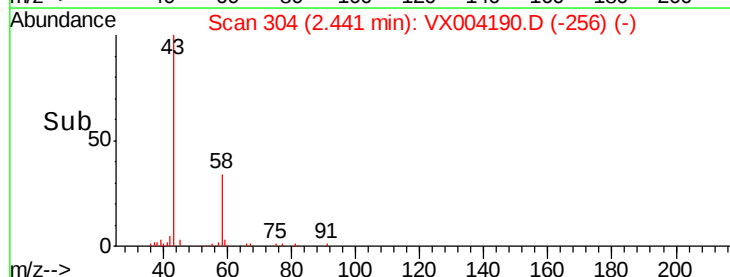
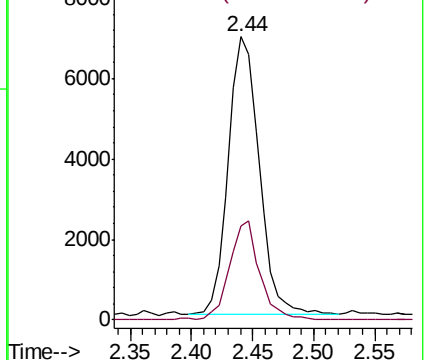
Ion Ratio Lower Upper

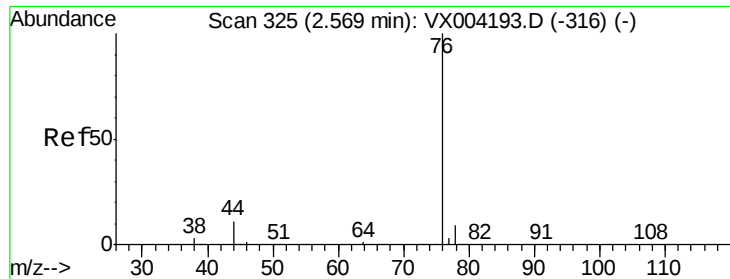
43 100

58 33.6 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: 1.831 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

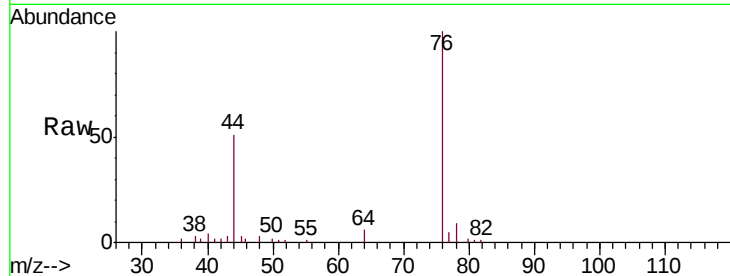
VSTDICC

Tgt Ion: 76 Resp: 9289

Ion Ratio Lower Upper

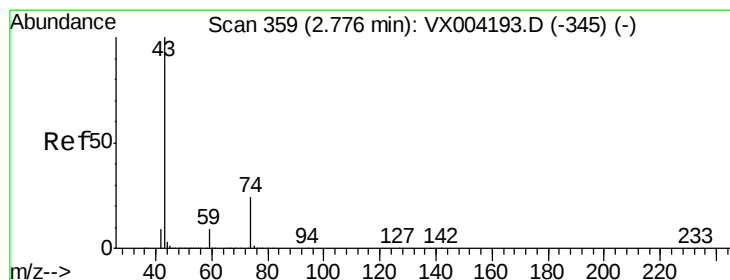
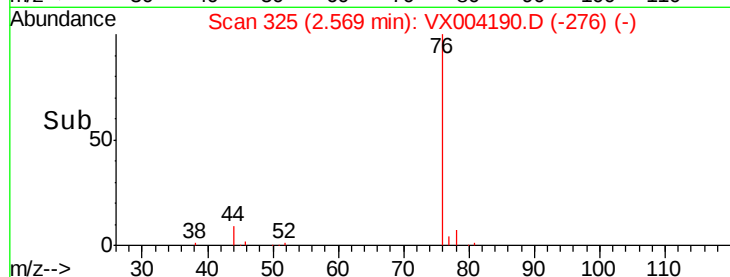
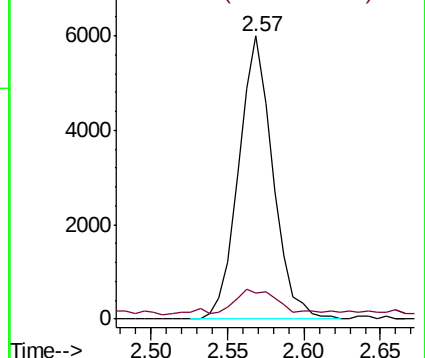
76 100

78 7.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 2.288 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX004190.D

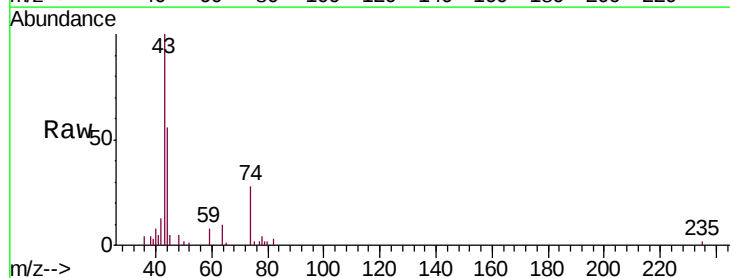
Acq: 22 Aug 2018 10:22

Tgt Ion: 43 Resp: 7207

Ion Ratio Lower Upper

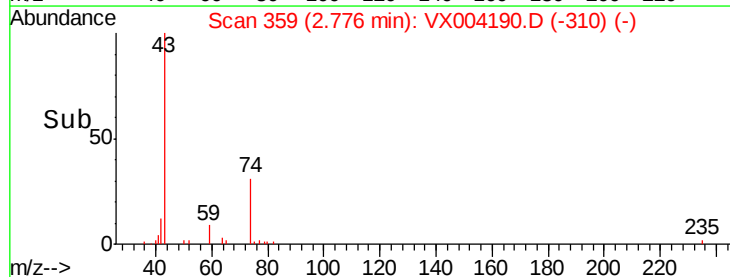
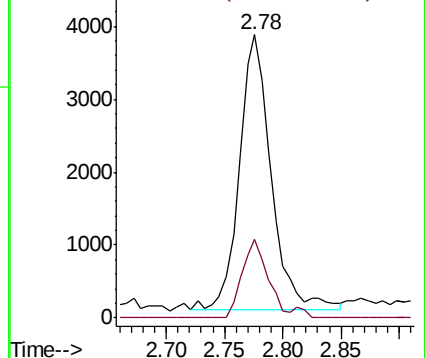
43 100

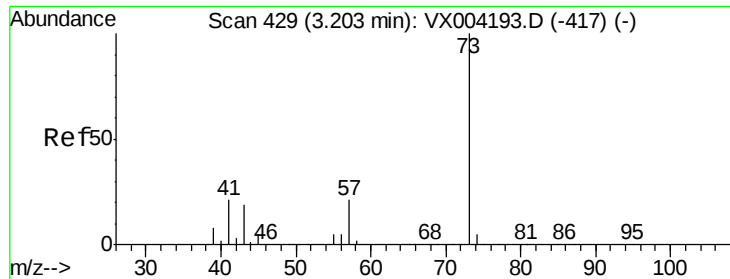
74 23.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

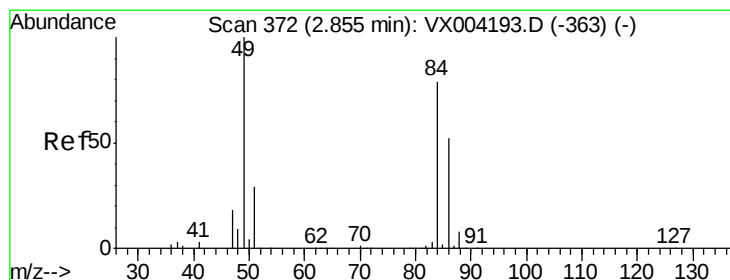
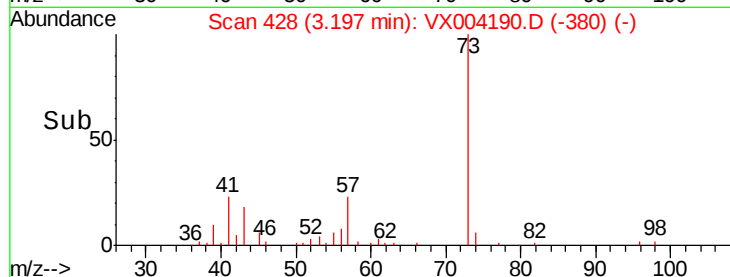
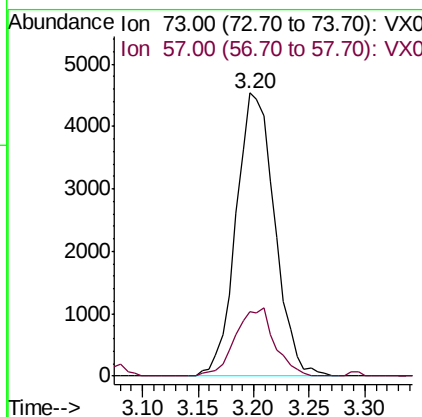
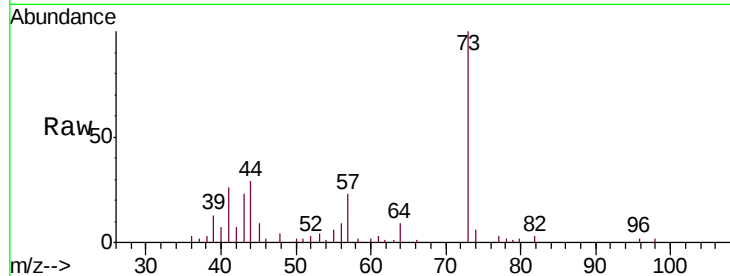




#19
Methyl tert-butyl Ether
Concen: 1.923 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

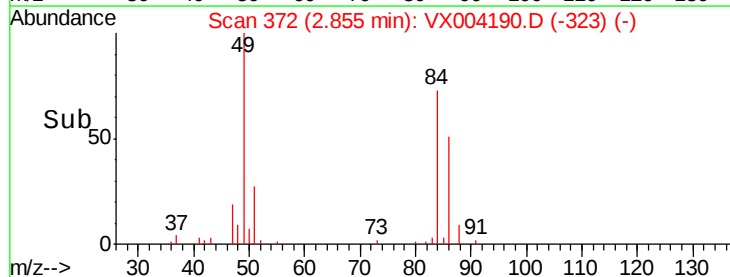
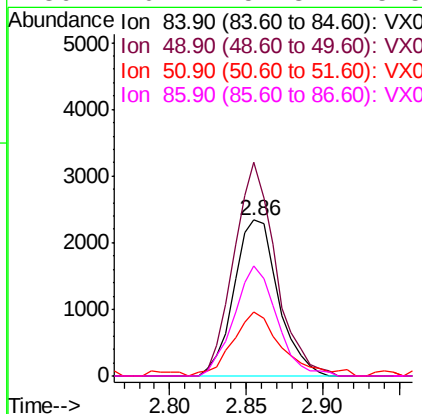
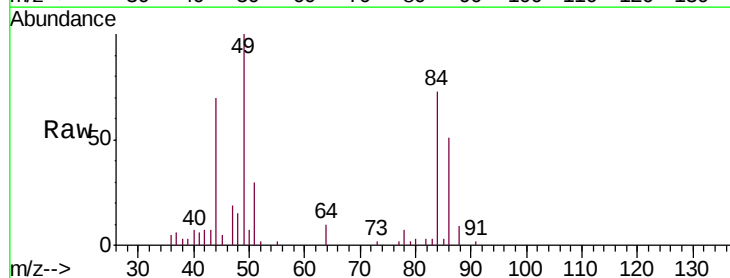
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

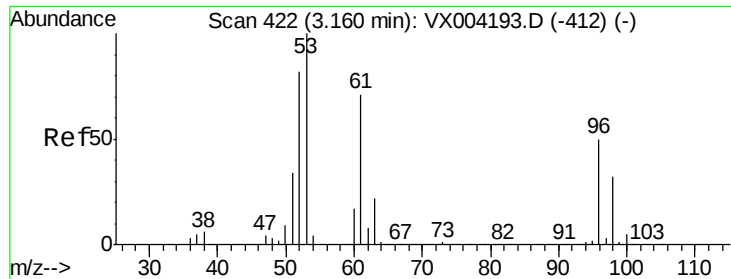
Tgt Ion: 73 Resp: 10936
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#20
Methylene Chloride
Concen: 2.300 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Tgt Ion: 84 Resp: 4700
Ion Ratio Lower Upper
84 100
49 137.3 101.2 151.8
51 41.0 29.5 44.3
86 70.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 2.058 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

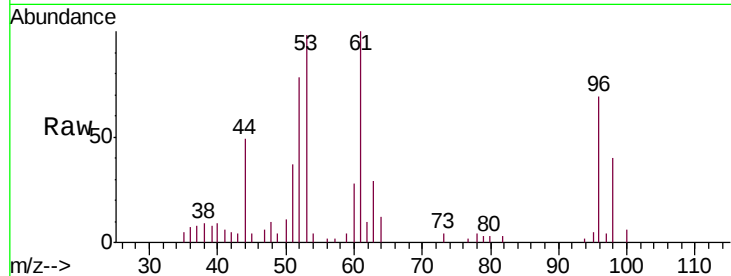
Tgt Ion: 96 Resp: 3931

Ion Ratio Lower Upper

96 100

61 144.9 113.8 170.6

98 57.4 51.8 77.8

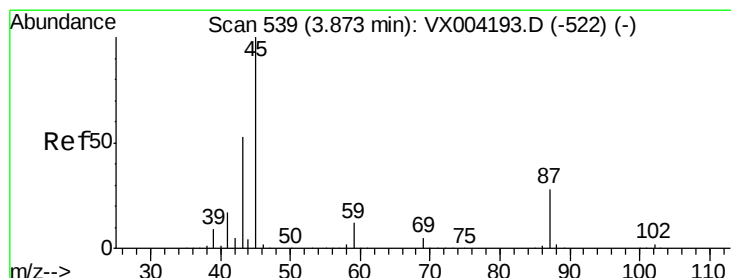
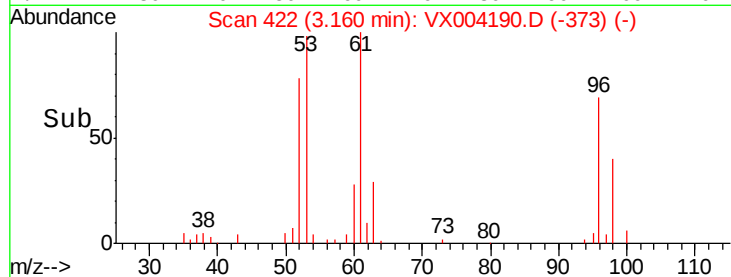
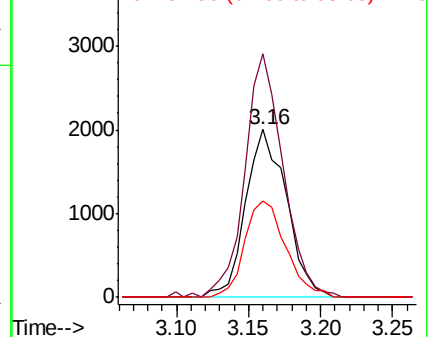


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 2.046 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Tgt Ion: 45 Resp: 12114

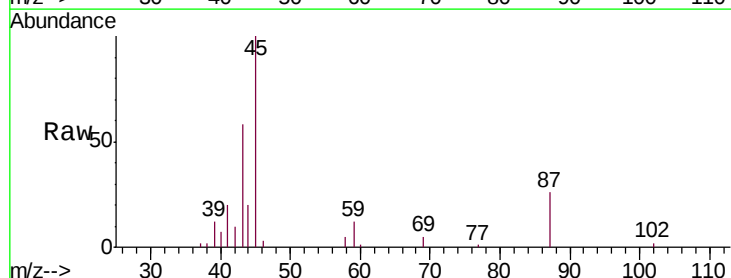
Ion Ratio Lower Upper

45 100

43 54.8 42.8 64.2

87 25.8 22.6 34.0

59 11.9 9.6 14.4



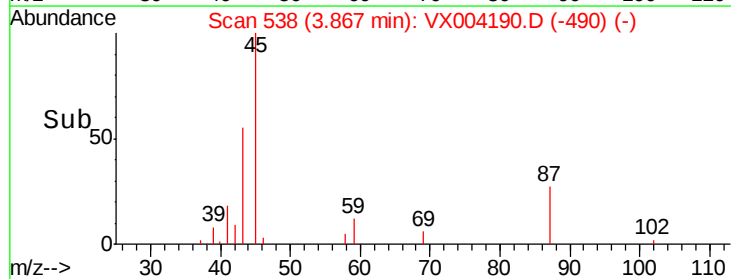
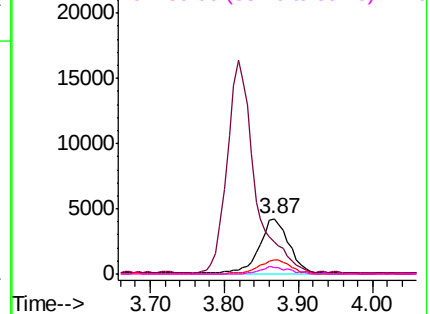
Abundance

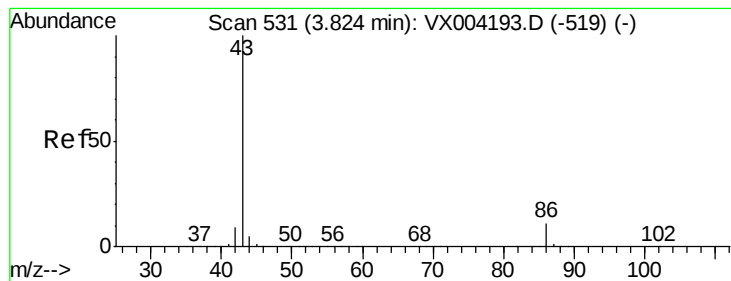
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 8.855 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

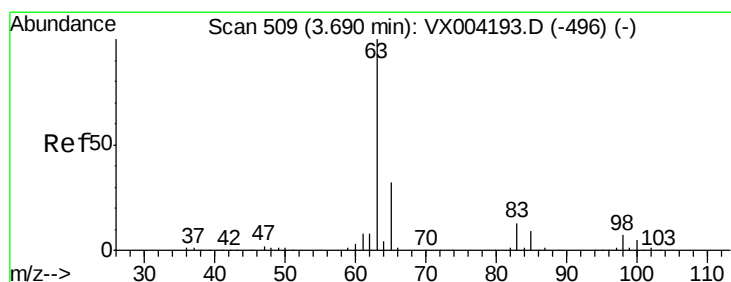
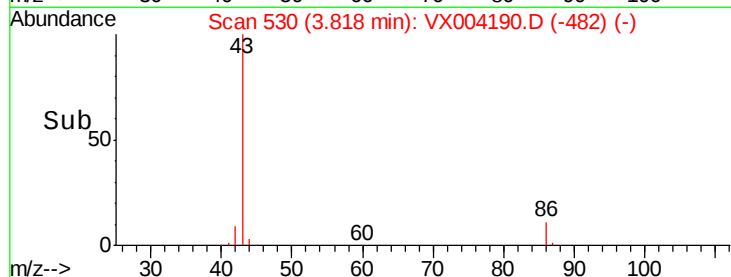
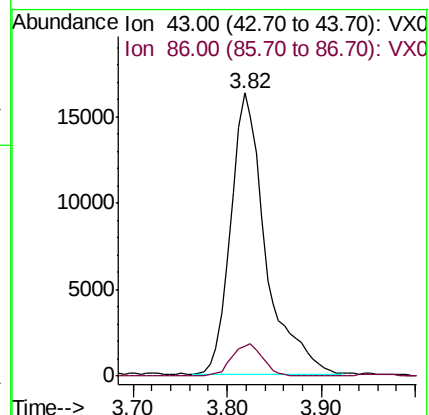
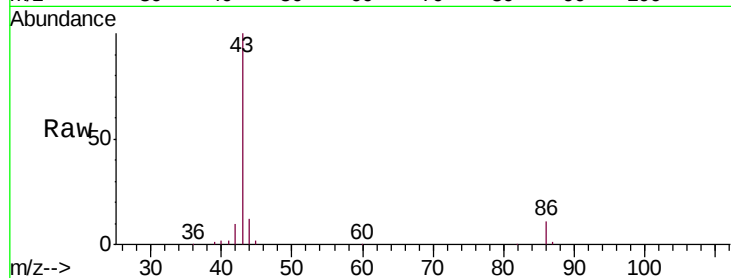
VSTDICC

Tgt Ion: 43 Resp: 42485

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 2.095 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

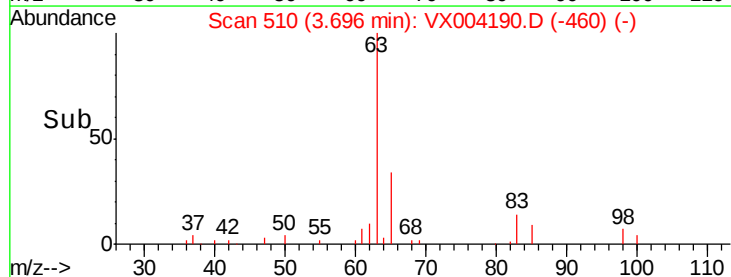
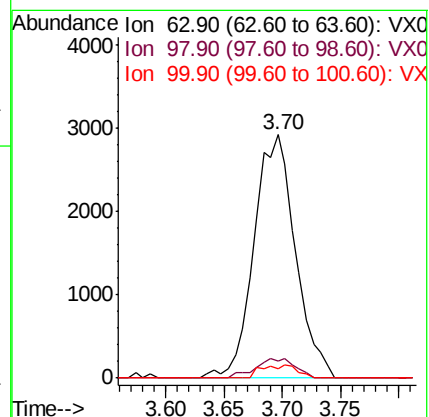
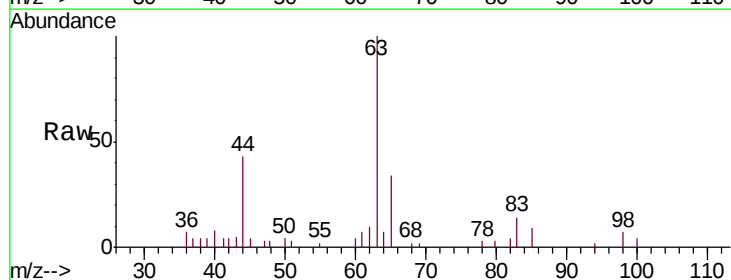
Tgt Ion: 63 Resp: 7228

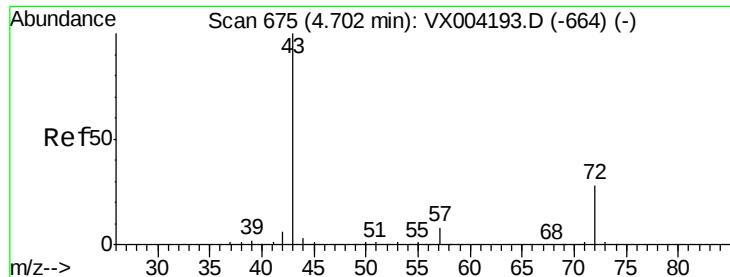
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.0 2.4 7.1





#25

2-Butanone

Concen: 11.120 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

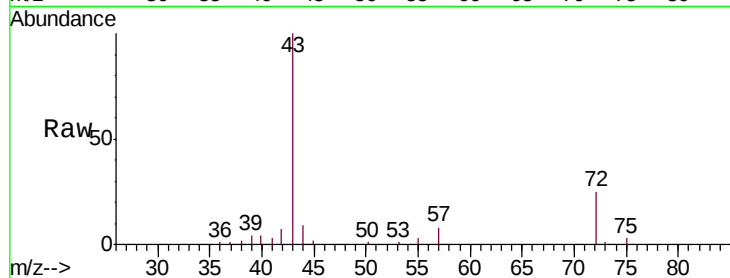
VSTDICC

Tgt Ion: 43 Resp: 17519

Ion Ratio Lower Upper

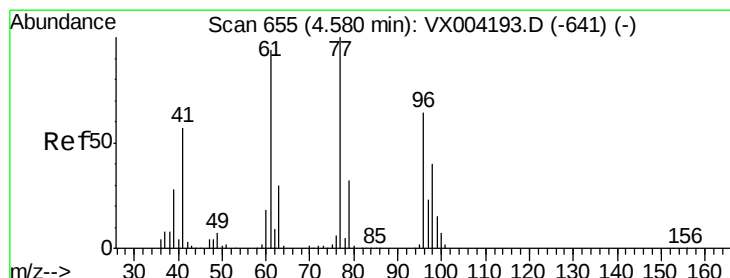
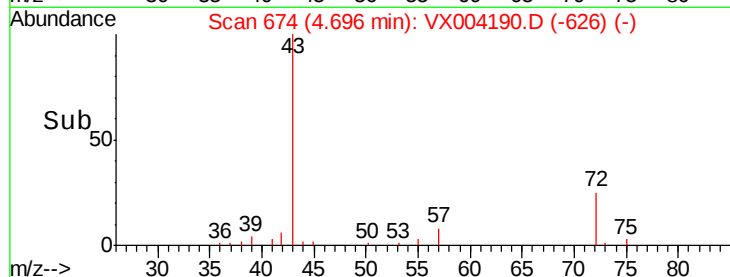
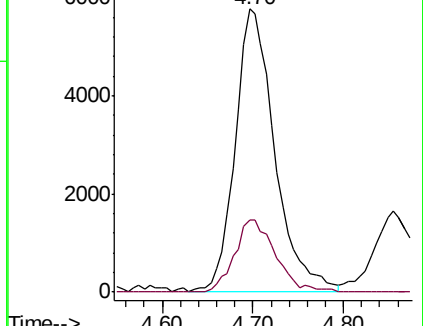
43 100

72 25.3 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: 1.988 ug/l

RT: 4.57 min Scan# 654

Delta R.T. -0.01 min

Lab File: VX004190.D

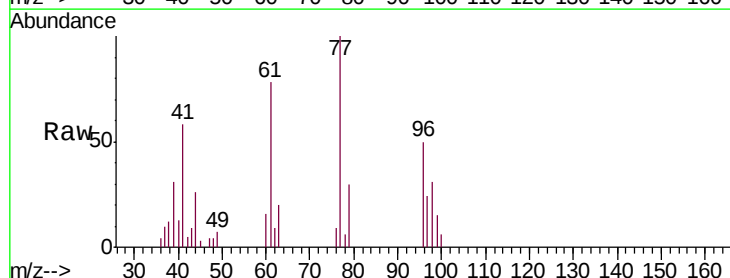
Acq: 22 Aug 2018 10:22

Tgt Ion: 77 Resp: 5380

Ion Ratio Lower Upper

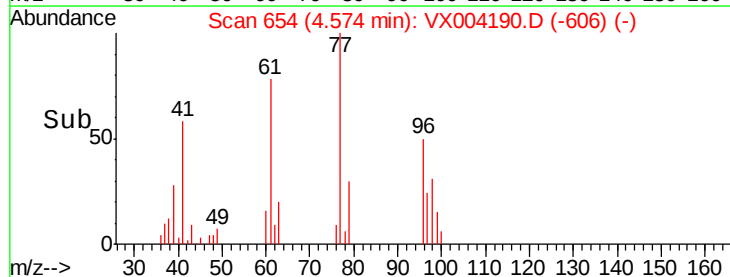
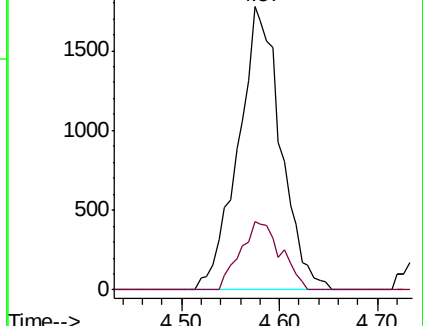
77 100

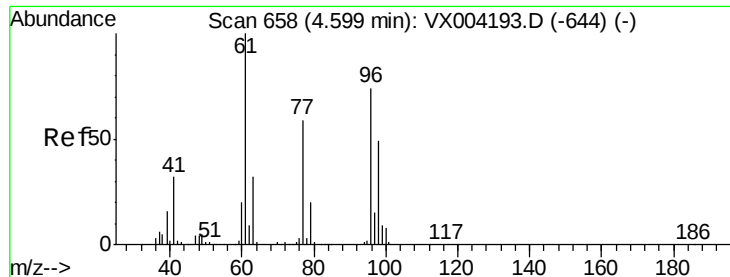
97 22.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



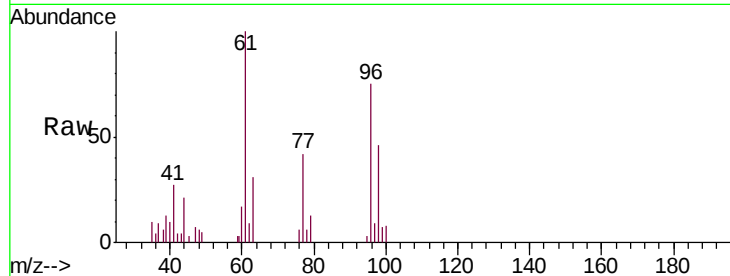


#27

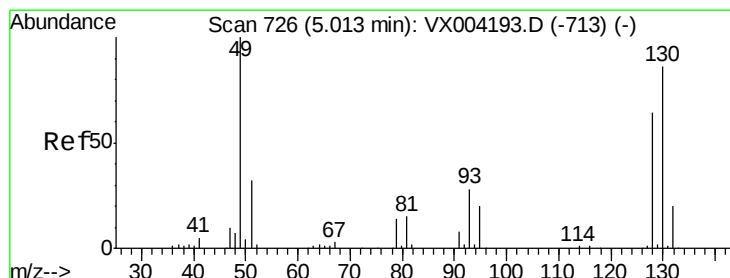
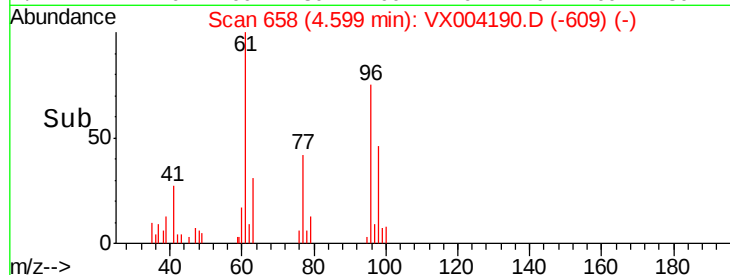
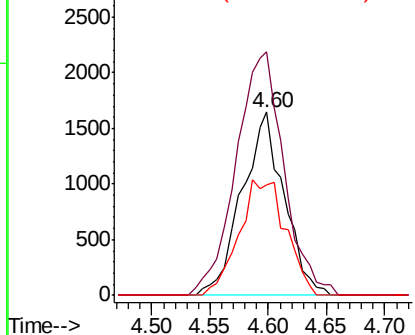
cis-1,2-Dichloroethene
 Concen: 1.919 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

Tgt Ion: 96 Resp: 4157
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 282.6
 98 69.8 0.0 130.2



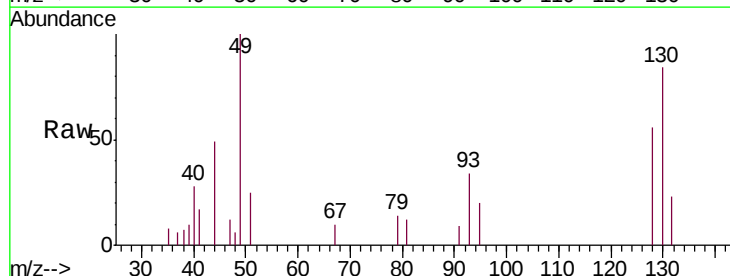
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



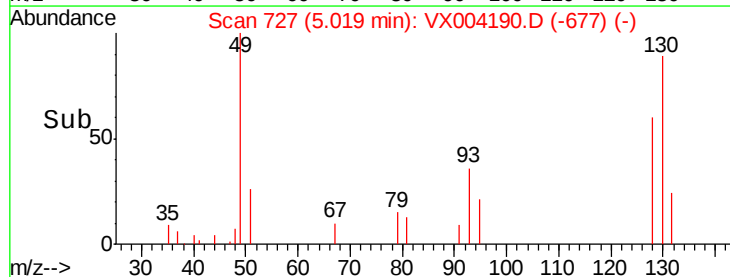
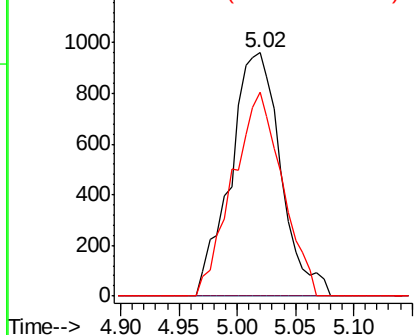
#28

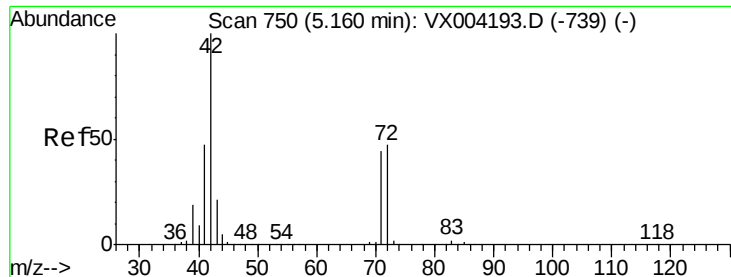
Bromochloromethane
 Concen: 1.886 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Tgt Ion: 49 Resp: 2881
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 82.6 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: 9.441 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

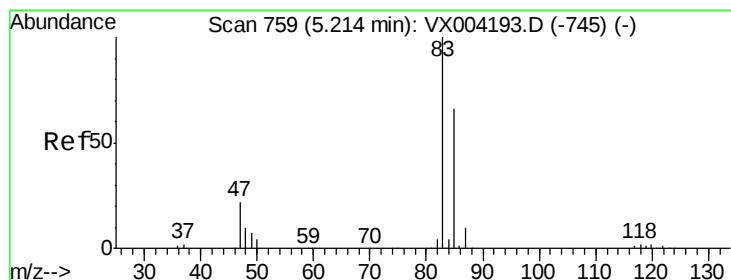
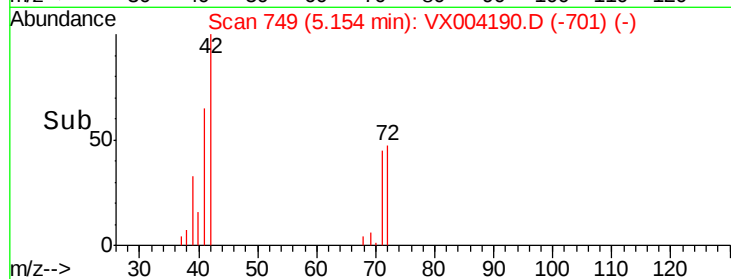
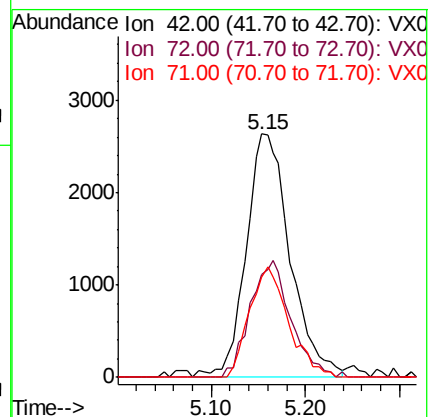
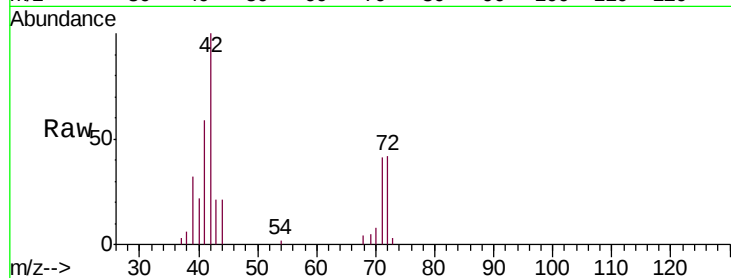
Tgt Ion: 42 Resp: 8612

Ion Ratio Lower Upper

42 100

72 44.6 37.4 56.0

71 40.5 34.5 51.7



#30

Chloroform

Concen: 1.992 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004190.D

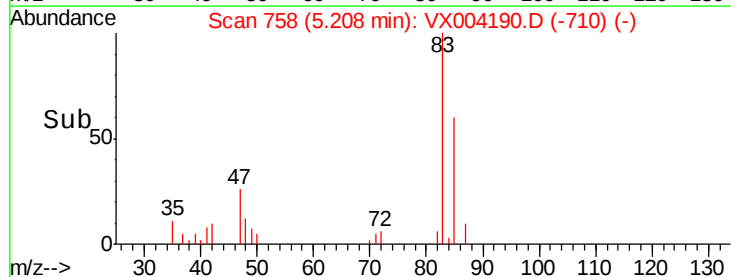
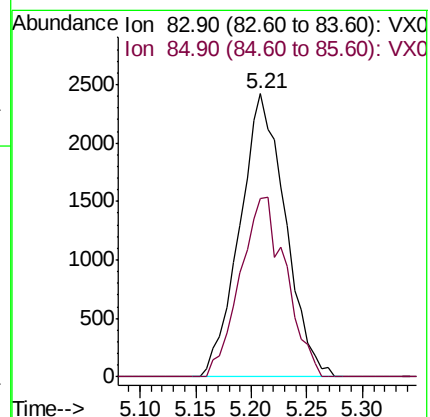
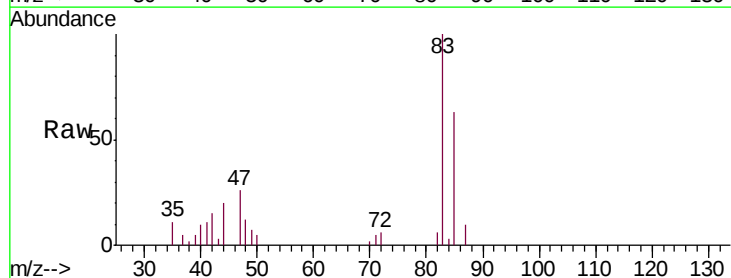
Acq: 22 Aug 2018 10:22

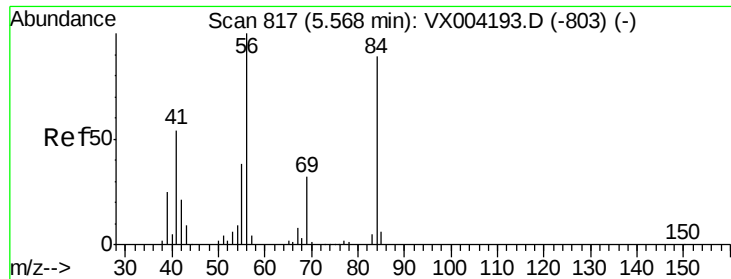
Tgt Ion: 83 Resp: 6890

Ion Ratio Lower Upper

83 100

85 63.0 52.6 79.0





#31

Cyclohexane

Concen: 1.665 ug/l

RT: 5.57 min Scan# 817

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

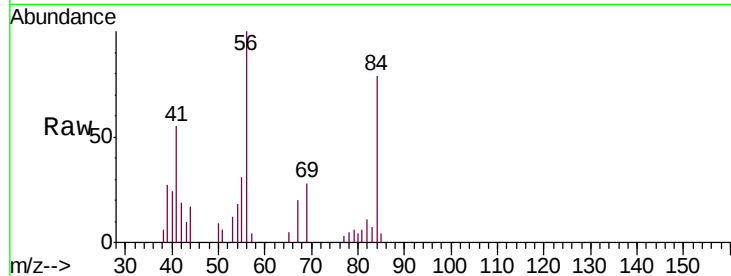
Tgt Ion: 56 Resp: 4957

Ion Ratio Lower Upper

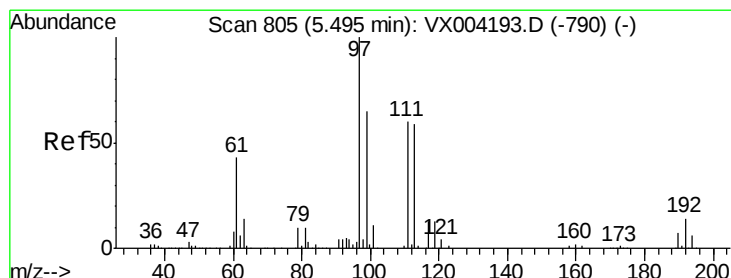
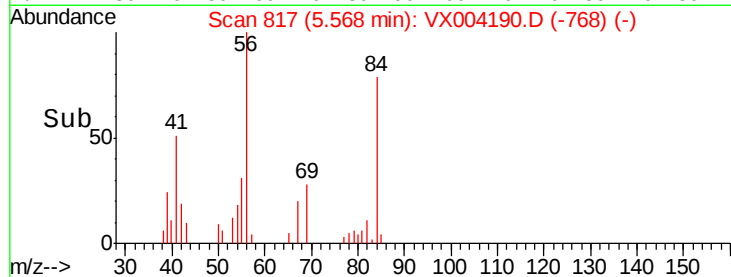
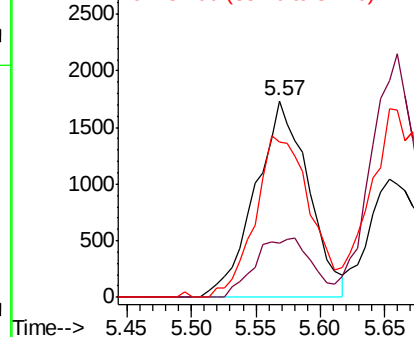
56 100

69 27.6 25.4 38.2

84 78.9 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: 1.870 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

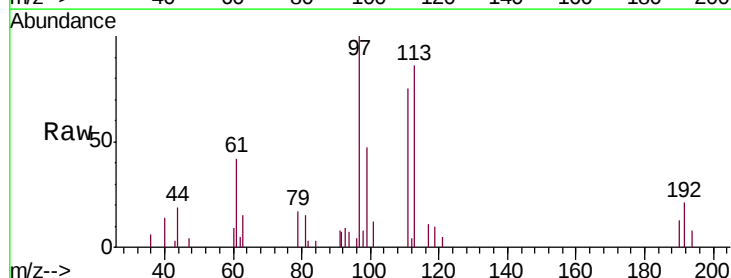
Tgt Ion: 97 Resp: 5393

Ion Ratio Lower Upper

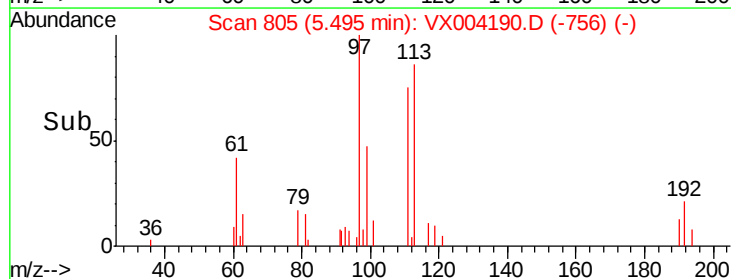
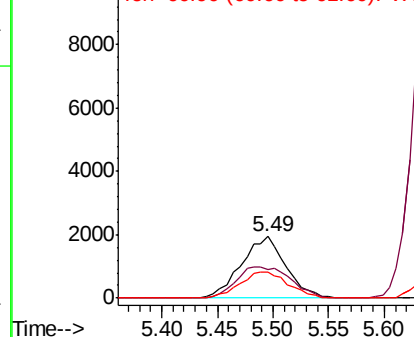
97 100

99 61.9 52.0 78.0

61 45.9 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

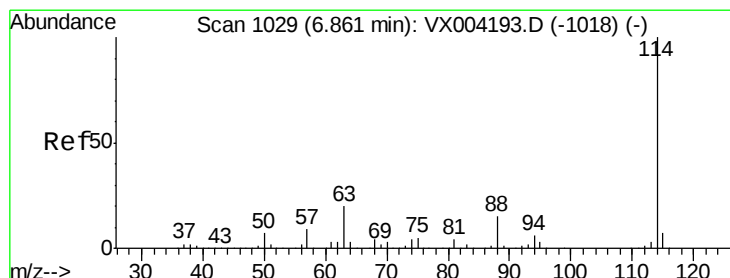
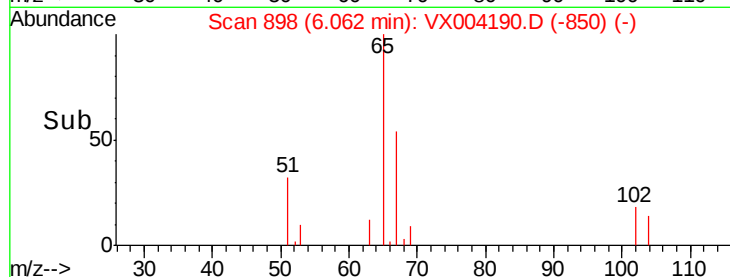
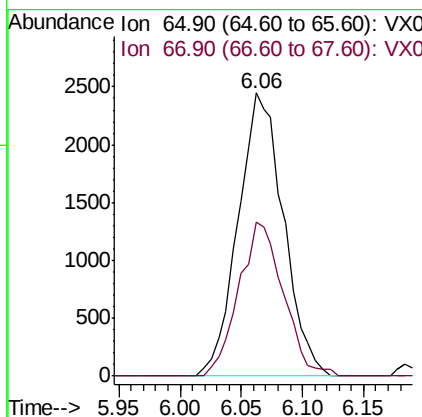
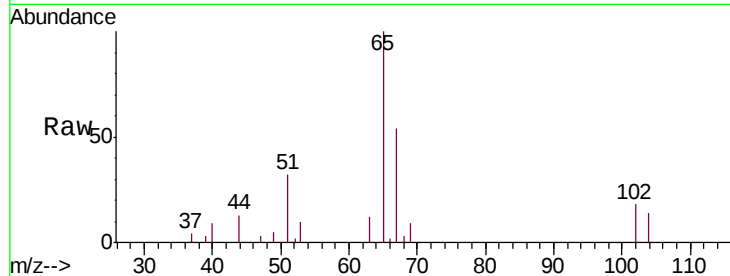




#33
 1,2-Dichloroethane-d4
 Concen: 2.965 ug/l
 RT: 6.06 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

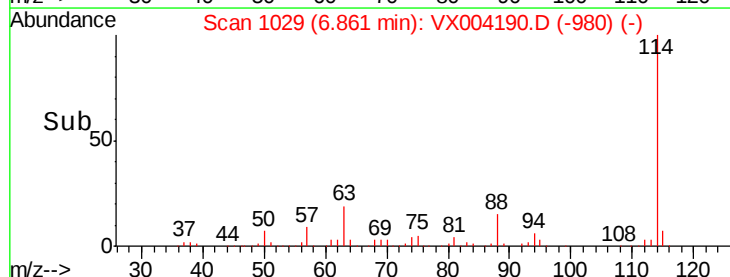
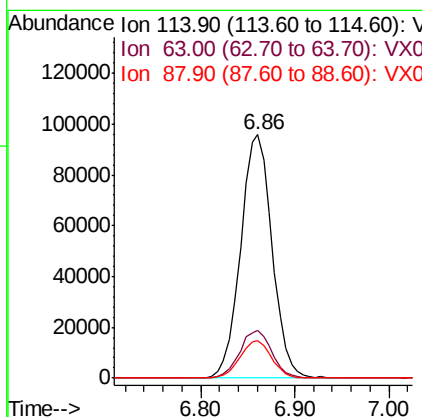
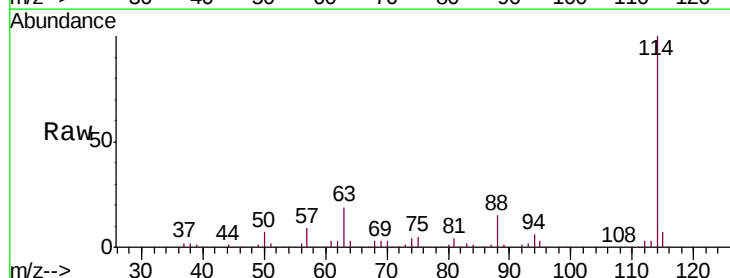
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICC

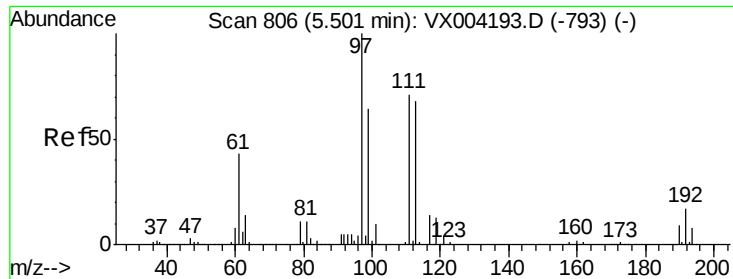
Tgt Ion: 65 Resp: 6296
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Tgt Ion: 114 Resp: 223733
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 30.4

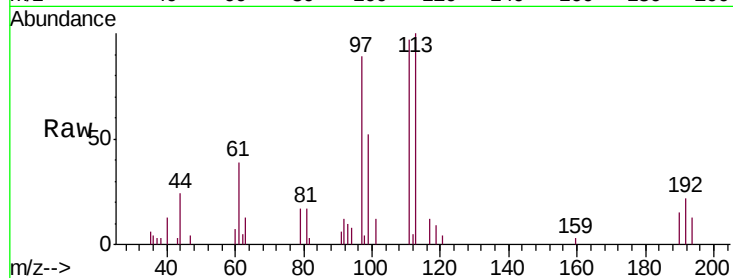




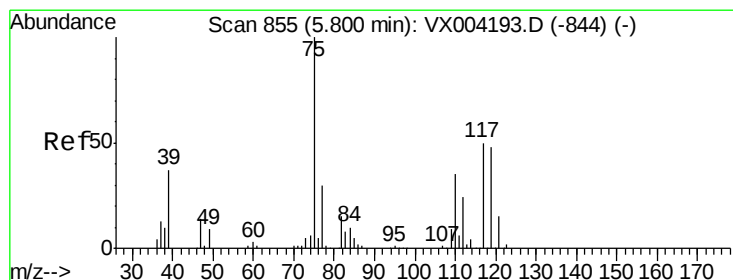
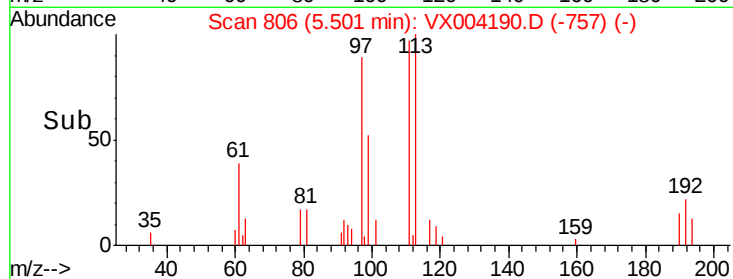
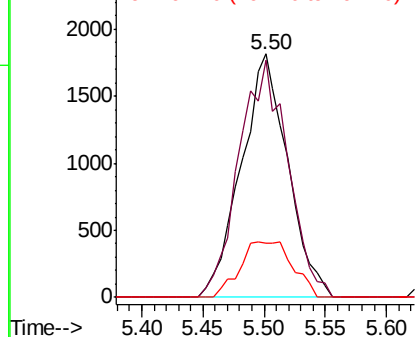
#35
Dibromofluoromethane
Concen: 2.889 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

Tgt Ion:113 Resp: 4808
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 25.8 19.4 29.2

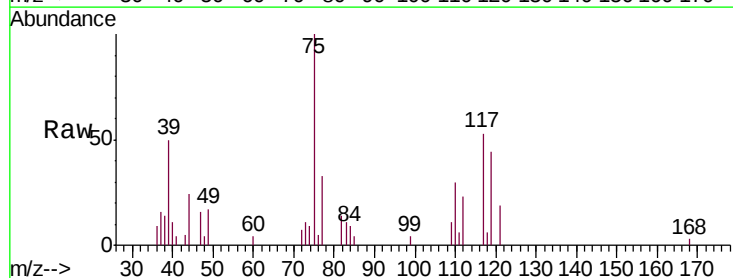


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

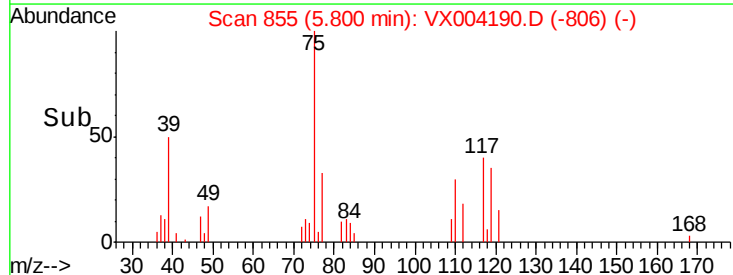
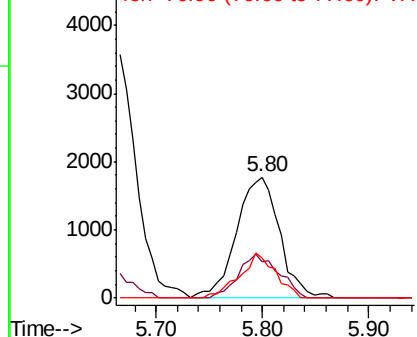


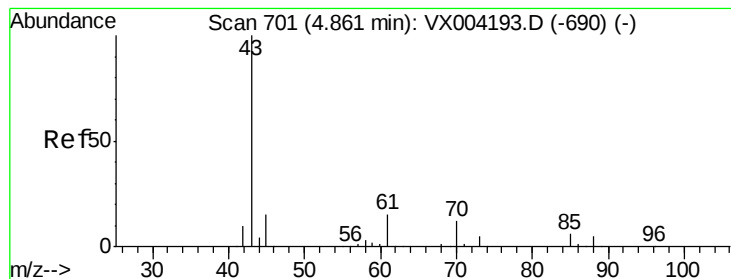
#36
1,1-Dichloropropene
Concen: 1.999 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Tgt Ion: 75 Resp: 5029
Ion Ratio Lower Upper
75 100
110 33.8 18.0 54.0
77 30.8 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: 2.017 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

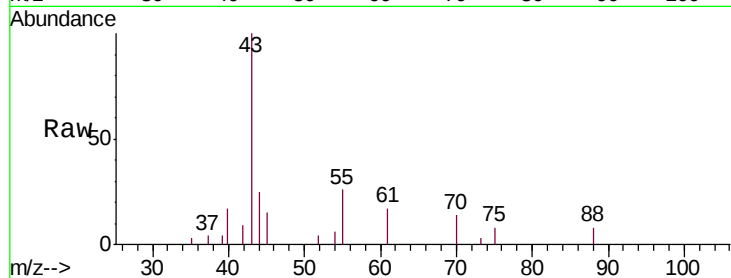
Tgt Ion: 43 Resp: 4989

Ion Ratio Lower Upper

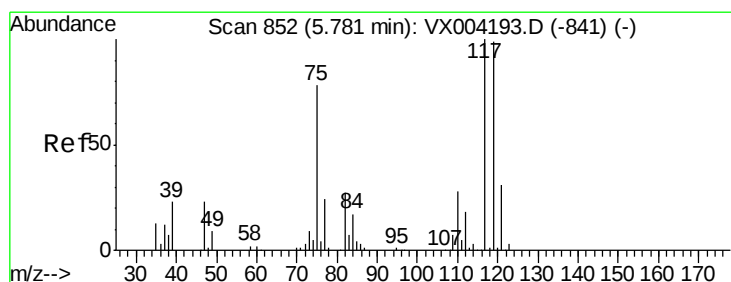
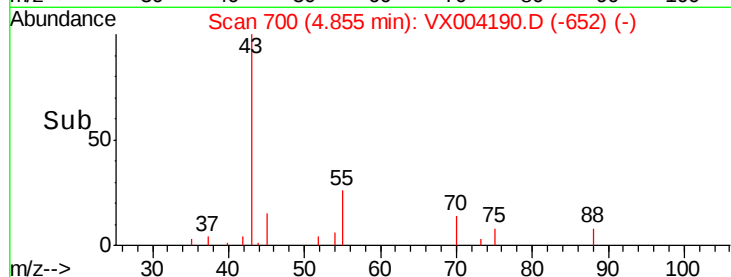
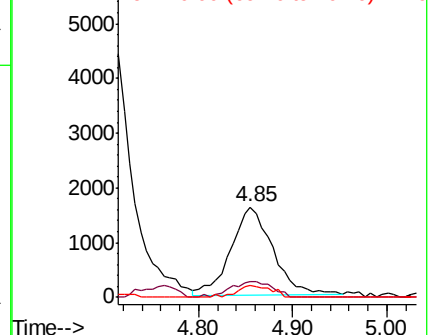
43 100

61 17.7 11.5 17.3#

70 10.9 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: 1.943 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

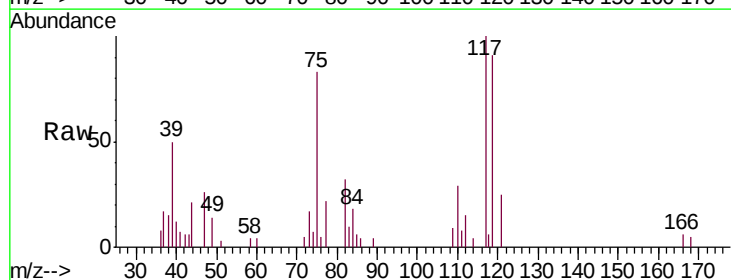
Tgt Ion: 117 Resp: 4598

Ion Ratio Lower Upper

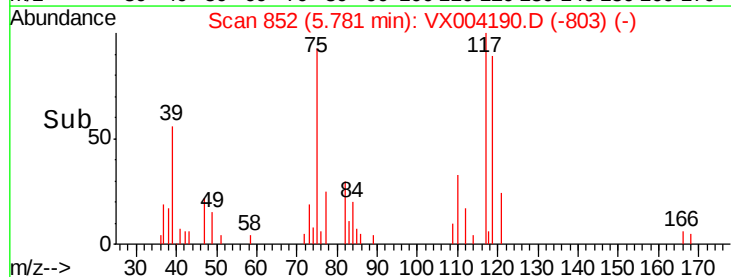
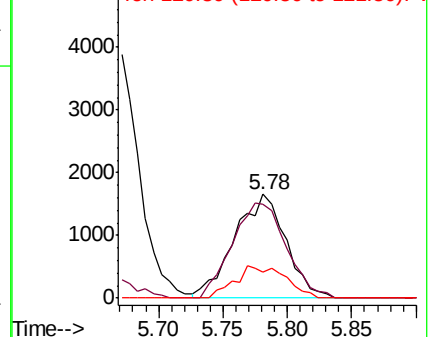
117 100

119 90.8 78.8 118.2

121 25.1 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

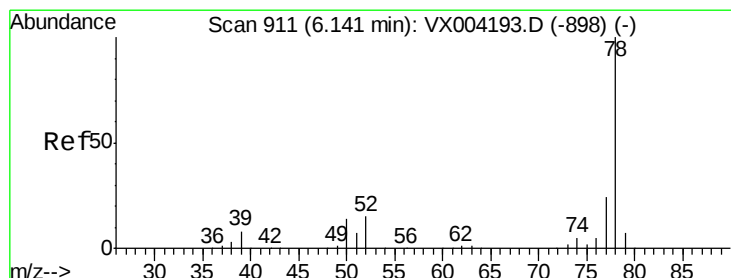
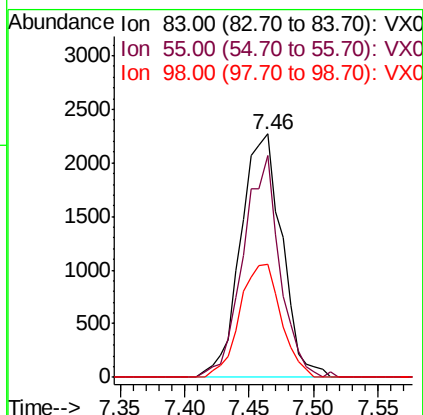
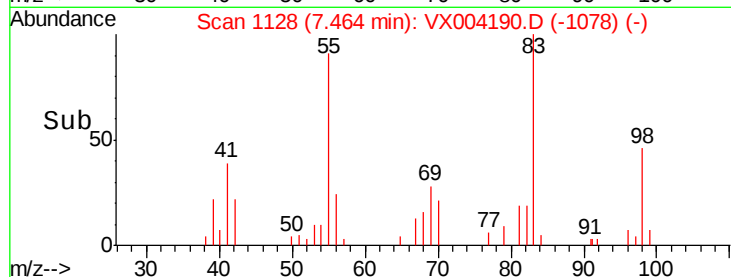
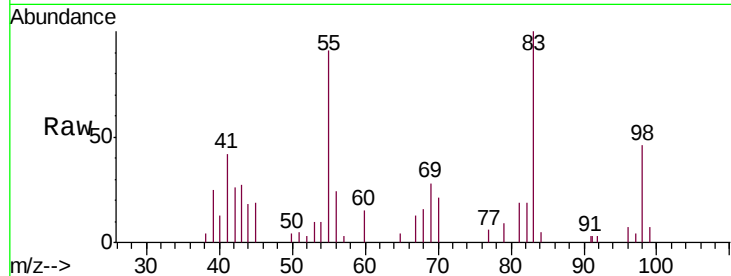




#39
Methylcyclohexane
Concen: 1.749 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

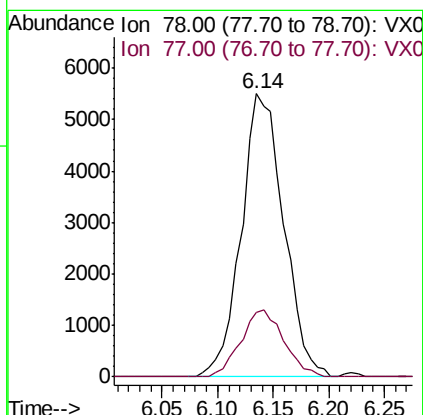
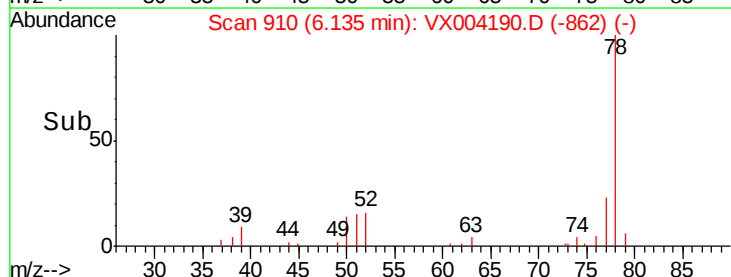
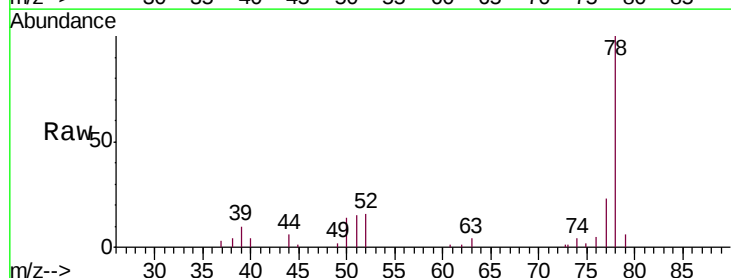
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

Tgt Ion: 83 Resp: 5022
Ion Ratio Lower Upper
83 100
55 91.1 61.0 91.4
98 46.4 39.6 59.4



#40
Benzene
Concen: 1.938 ug/l
RT: 6.14 min Scan# 910
Delta R.T. -0.01 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Tgt Ion: 78 Resp: 14569
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4





#41

Methacrylonitrile

Concen: 2.089 ug/l

RT: 5.06 min Scan# 733

Delta R.T. -0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

Tgt Ion: 41 Resp: 2995

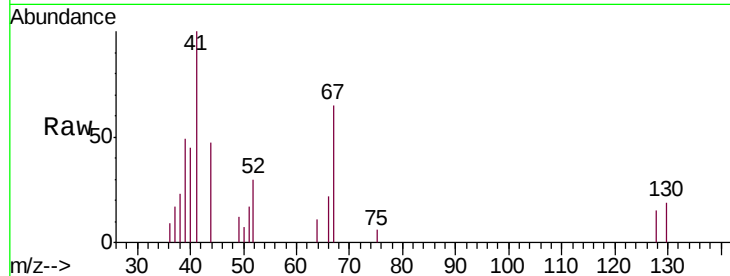
Ion Ratio Lower Upper

41 100

39 53.9 42.4 63.6

67 67.5 59.2 88.8

52 30.8 23.0 34.4

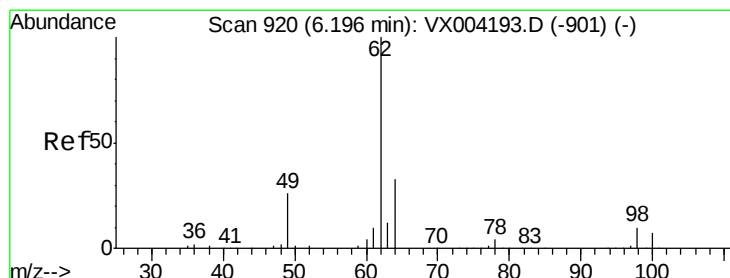
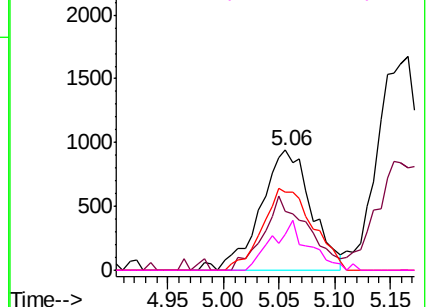
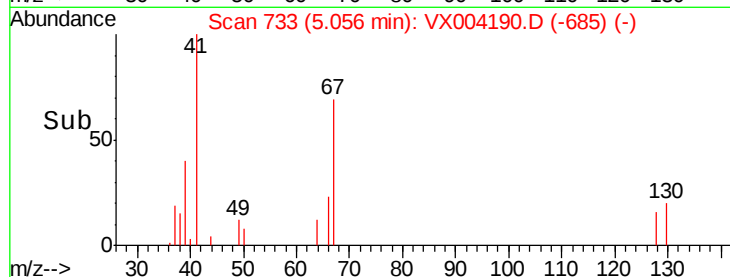


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 2.093 ug/l

RT: 6.20 min Scan# 920

Delta R.T. 0.00 min

Lab File: VX004190.D

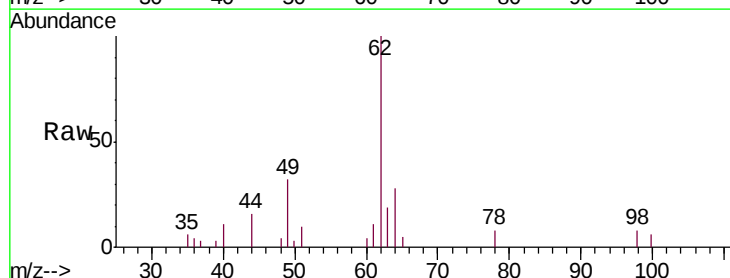
Acq: 22 Aug 2018 10:22

Tgt Ion: 62 Resp: 5367

Ion Ratio Lower Upper

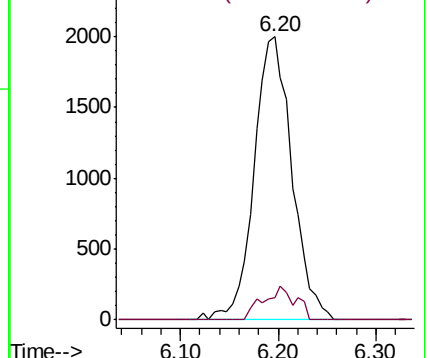
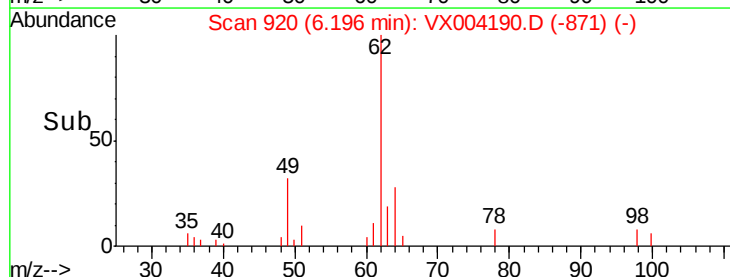
62 100

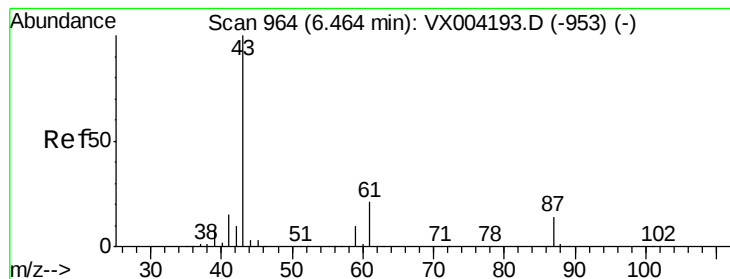
98 10.0 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.892 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

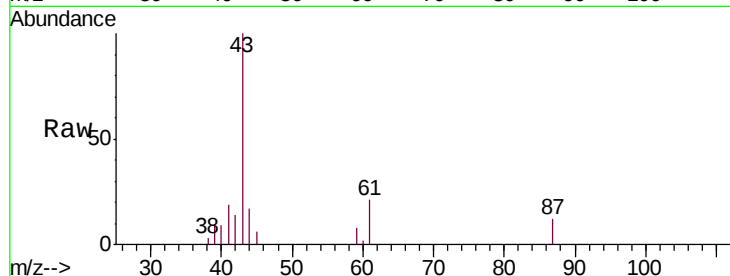
Tgt Ion: 43 Resp: 7192

Ion Ratio Lower Upper

43 100

61 19.4 17.0 25.4

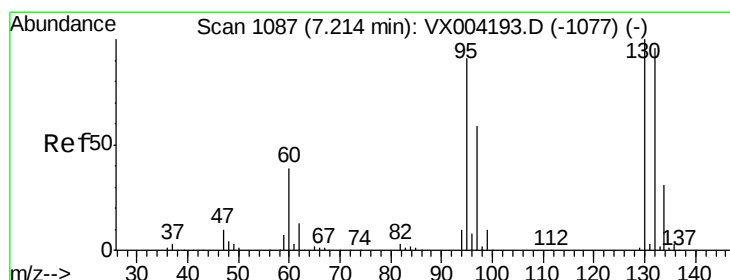
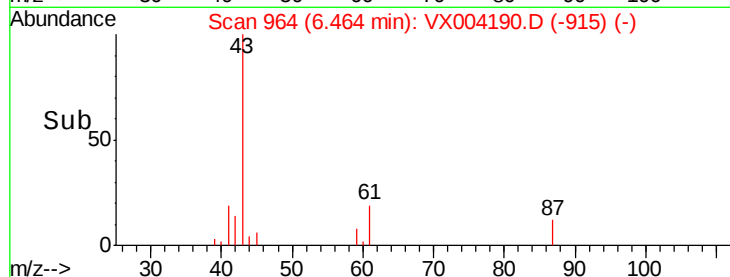
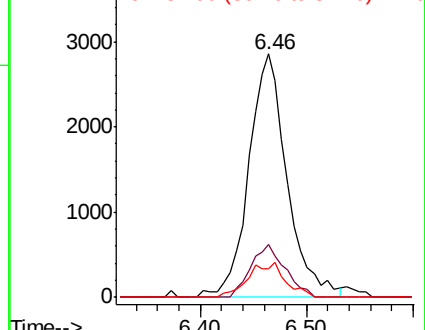
87 13.8 11.4 17.2



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: 2.070 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004190.D

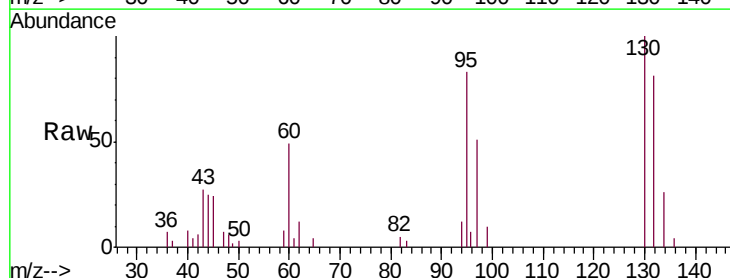
Acq: 22 Aug 2018 10:22

Tgt Ion: 130 Resp: 4307

Ion Ratio Lower Upper

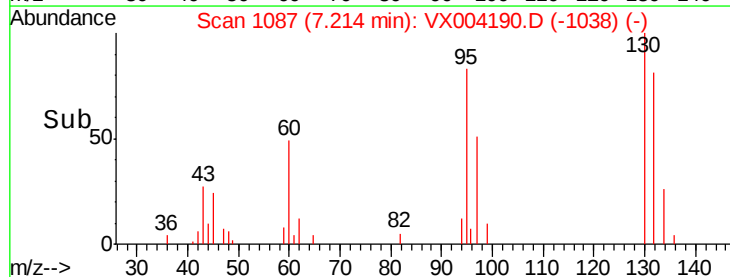
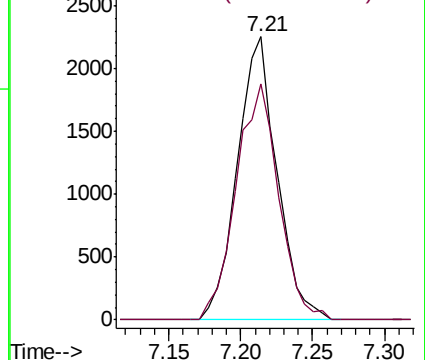
130 100

95 83.4 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: 1.980 ug/l

RT: 7.51 min Scan# 1136

Delta R.T. -0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

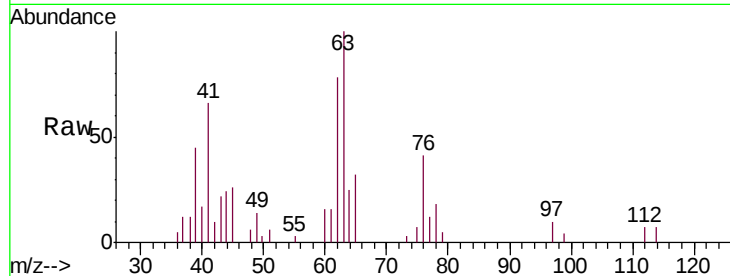
VSTDICC

Tgt Ion: 63 Resp: 3724

Ion Ratio Lower Upper

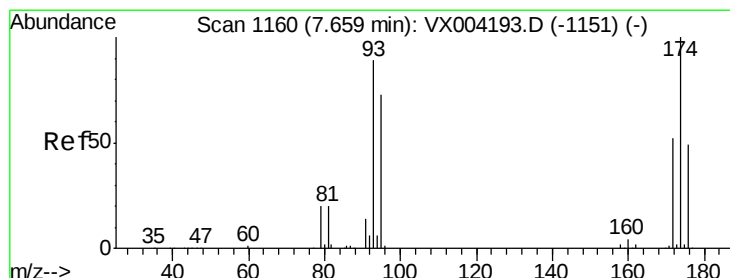
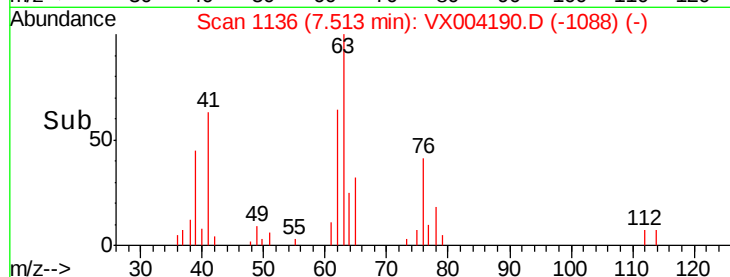
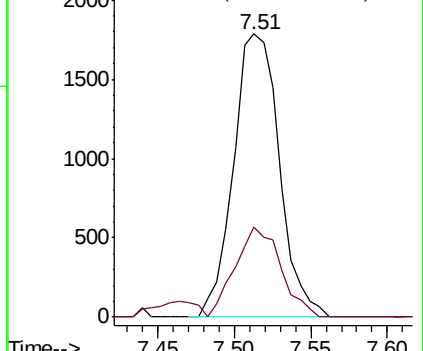
63 100

65 31.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.977 ug/l

RT: 7.66 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

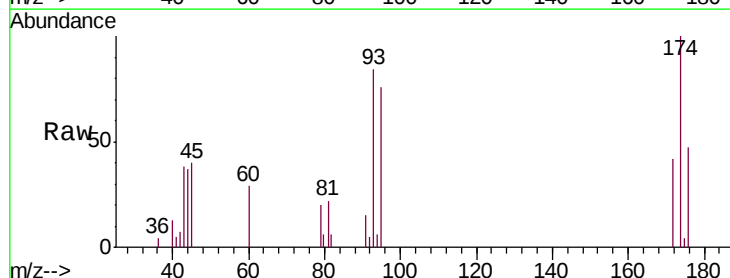
Tgt Ion: 93 Resp: 2476

Ion Ratio Lower Upper

93 100

95 87.5 65.5 98.3

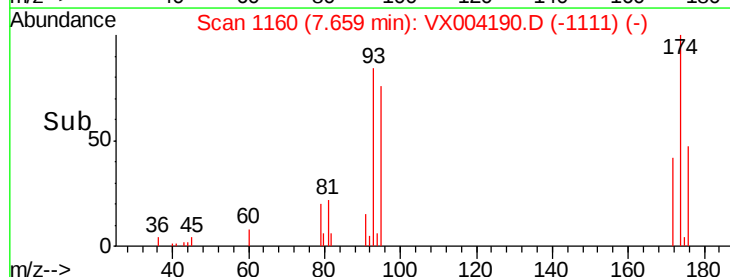
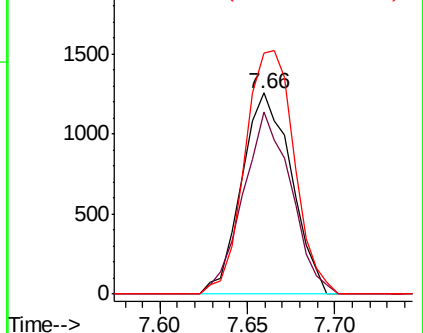
174 120.4 94.2 141.4

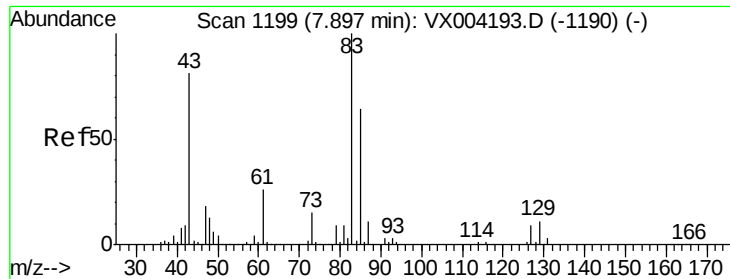


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.916 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

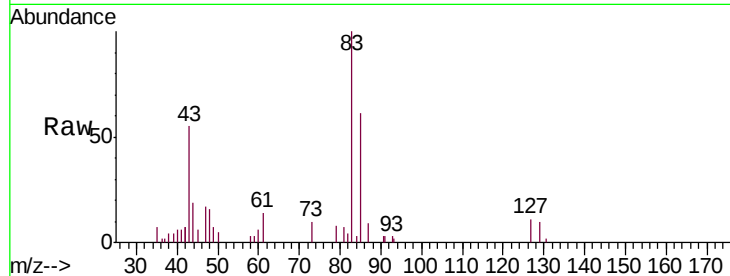
Tgt Ion: 83 Resp: 4466

Ion Ratio Lower Upper

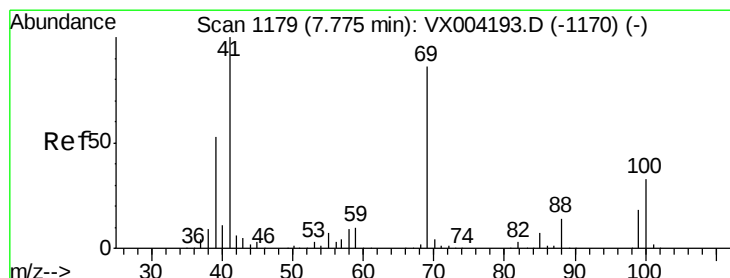
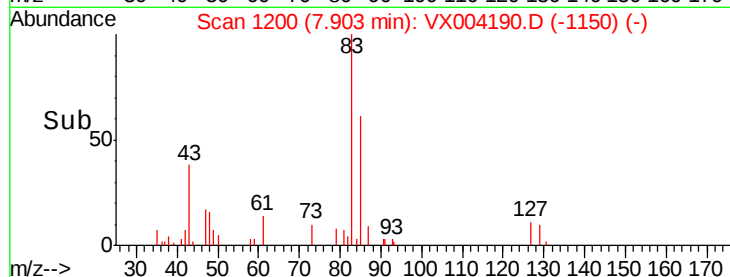
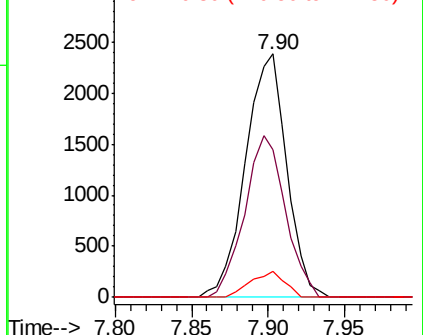
83 100

85 60.7 50.9 76.3

127 10.9 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: 1.667 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

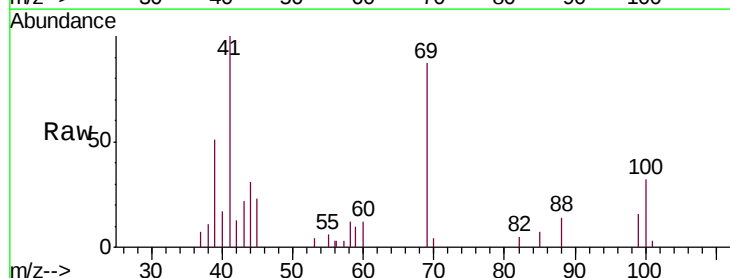
Tgt Ion: 41 Resp: 3391

Ion Ratio Lower Upper

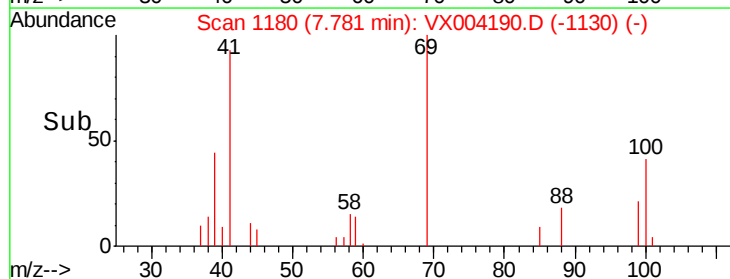
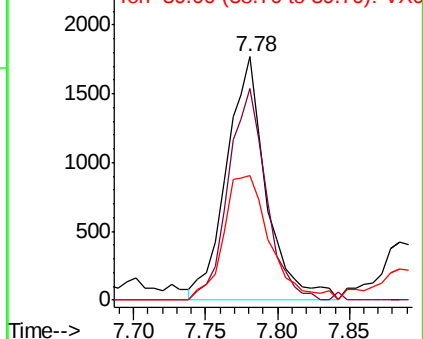
41 100

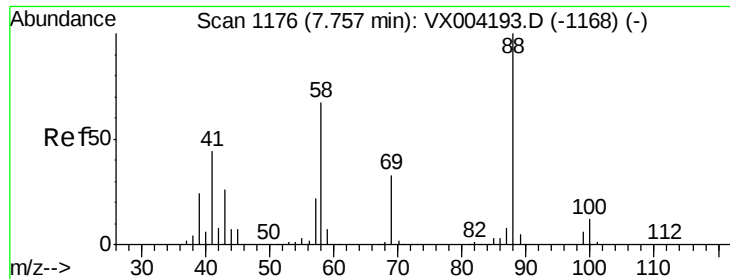
69 83.3 70.2 105.4

39 60.2 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

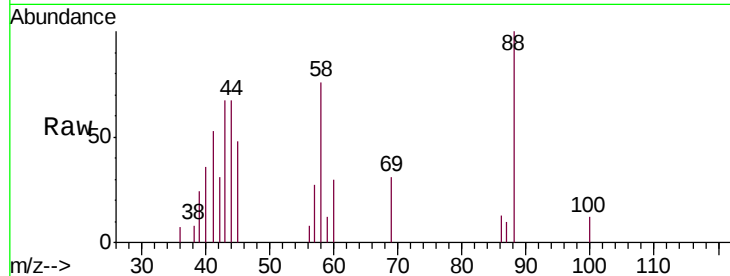




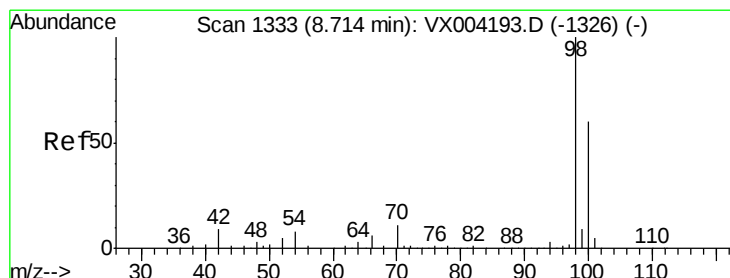
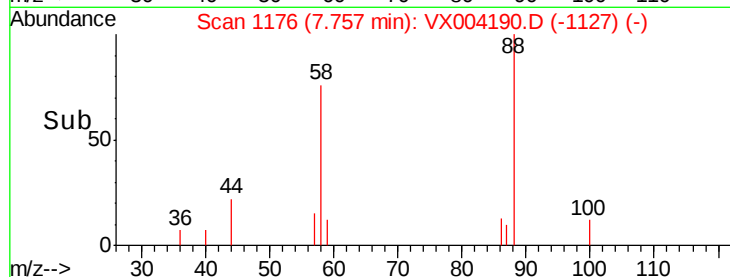
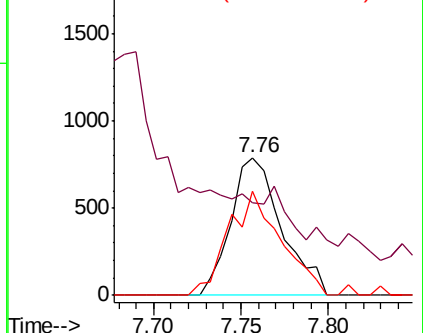
#49
1,4-Dioxane
Concen: 34.626 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC

Tgt Ion: 88 Resp: 1599
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 78.2 55.3 82.9

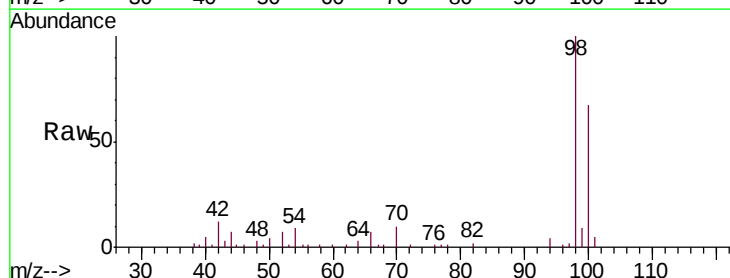


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

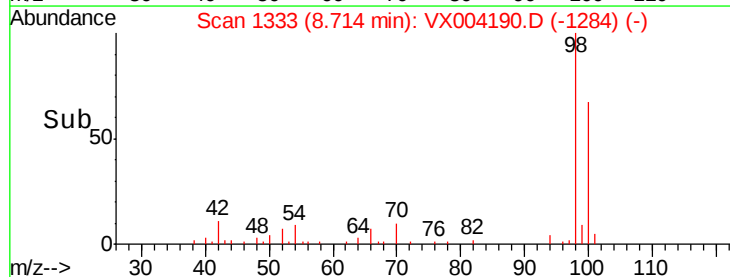
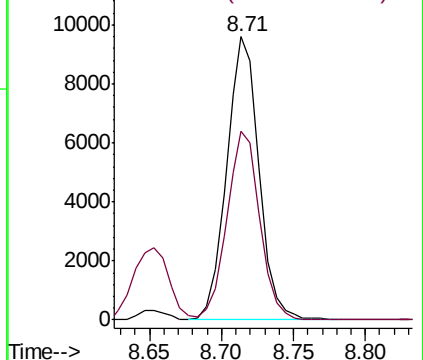


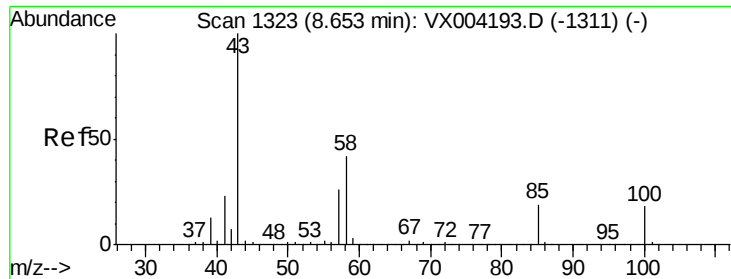
#50
Toluene-d8
Concen: 2.394 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Tgt Ion: 98 Resp: 15041
Ion Ratio Lower Upper
98 100
100 67.5 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: 9.220 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

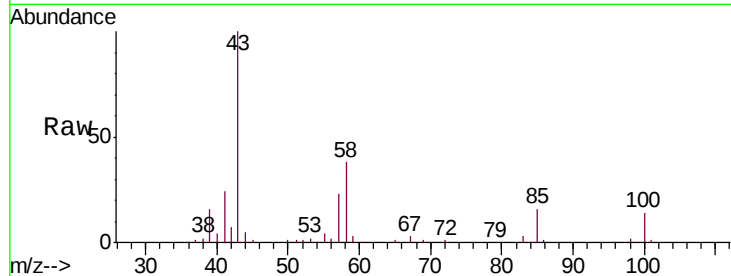
VSTDICC

Tgt Ion: 43 Resp: 25463

Ion Ratio Lower Upper

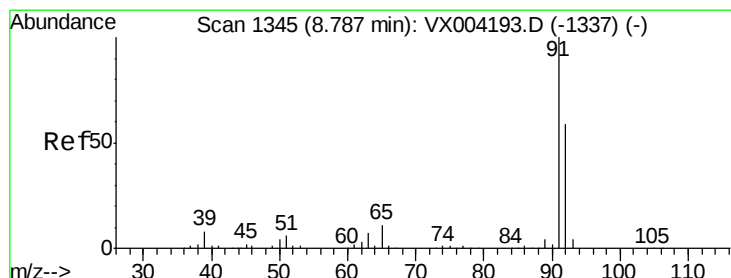
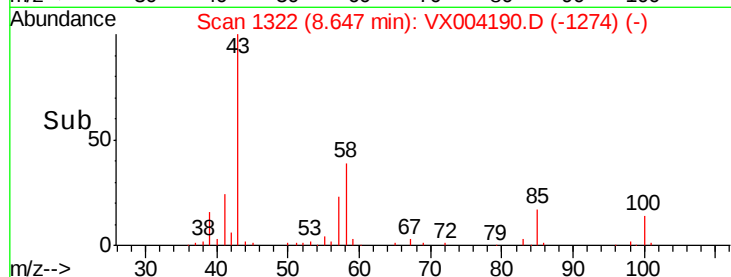
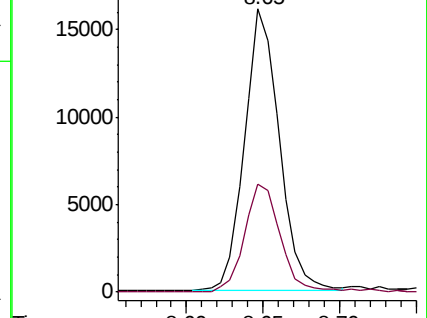
43 100

58 40.5 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: 1.795 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004190.D

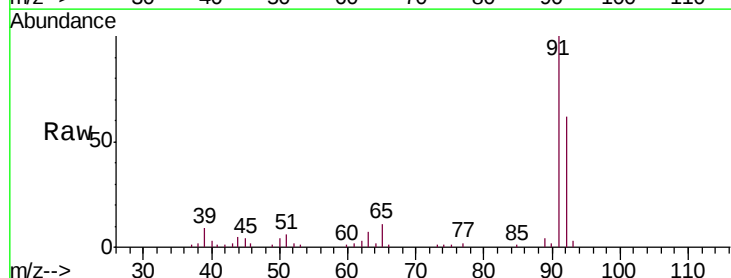
Acq: 22 Aug 2018 10:22

Tgt Ion: 92 Resp: 8443

Ion Ratio Lower Upper

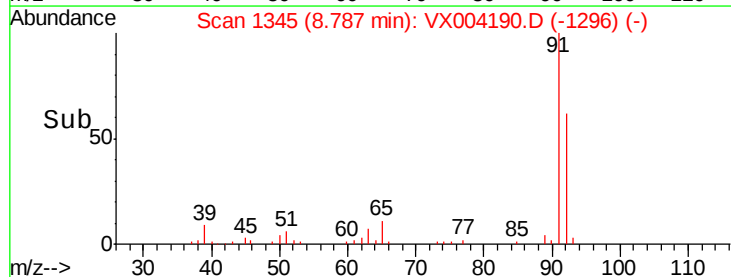
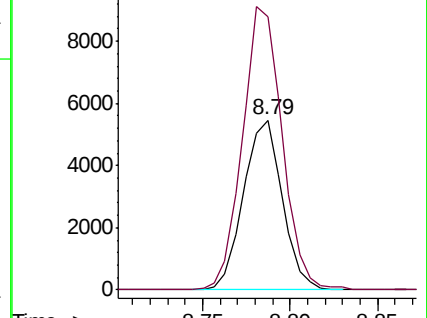
92 100

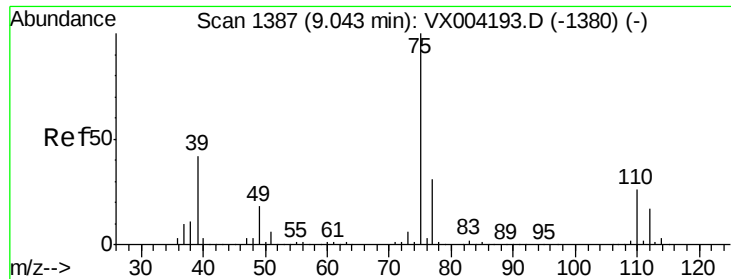
91 170.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

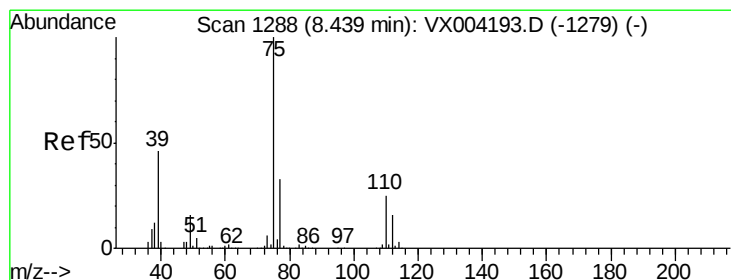
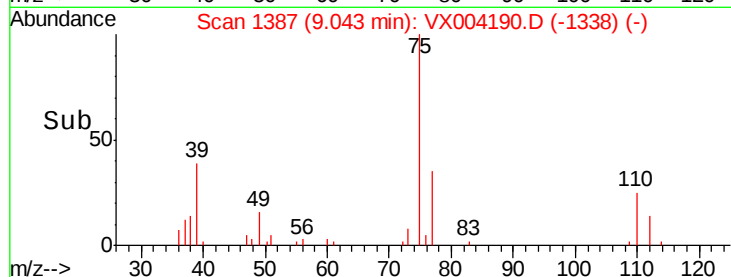
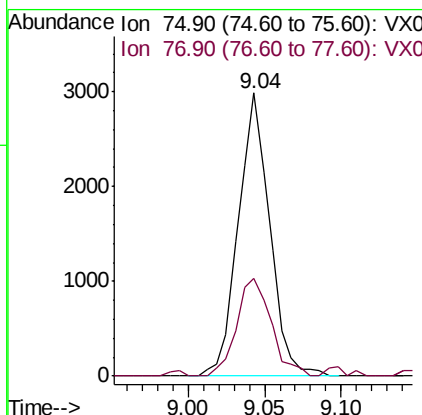
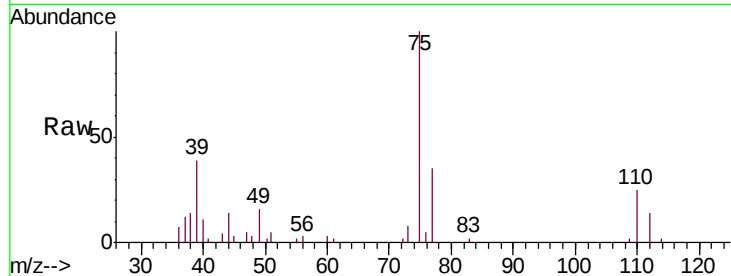




#53
 t-1,3-Dichloropropene
 Concen: 1.656 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

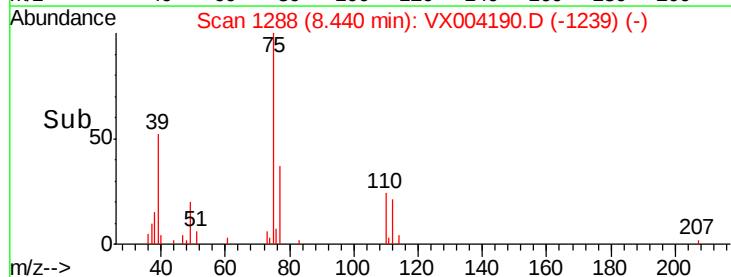
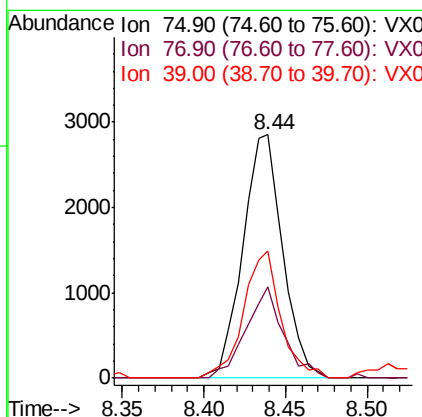
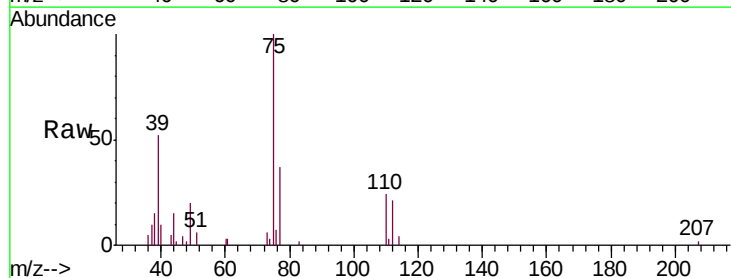
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

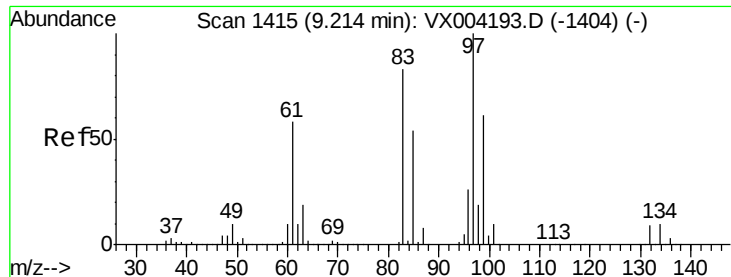
Tgt Ion: 75 Resp: 4262
 Ion Ratio Lower Upper
 75 100
 77 34.7 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 1.728 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Tgt Ion: 75 Resp: 4844
 Ion Ratio Lower Upper
 75 100
 77 37.3 26.2 39.2
 39 52.3 36.4 54.6

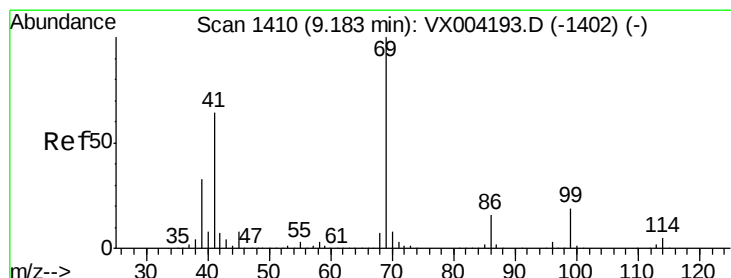
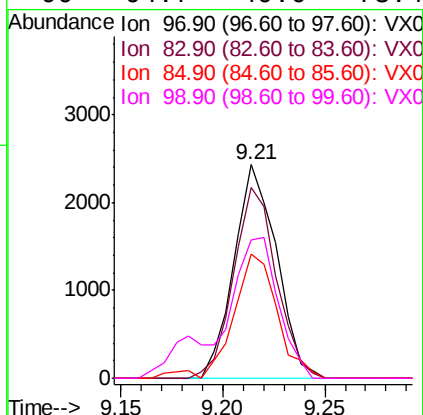
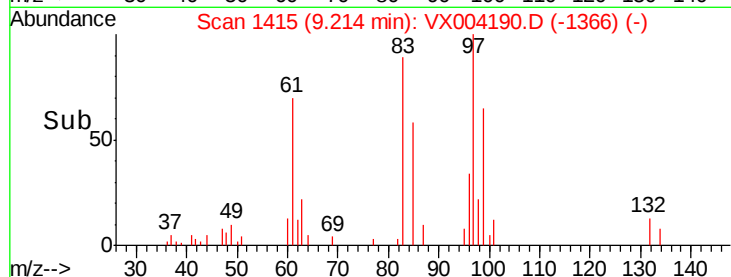
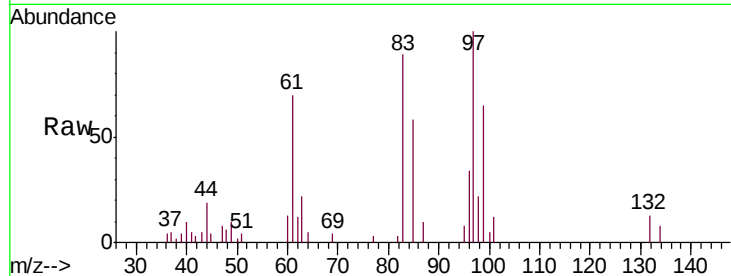




#55
 1,1,2-Trichloroethane
 Concen: 1.854 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

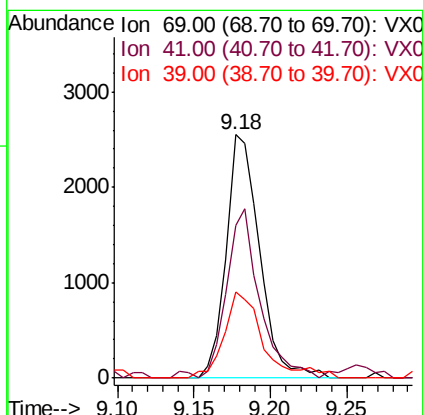
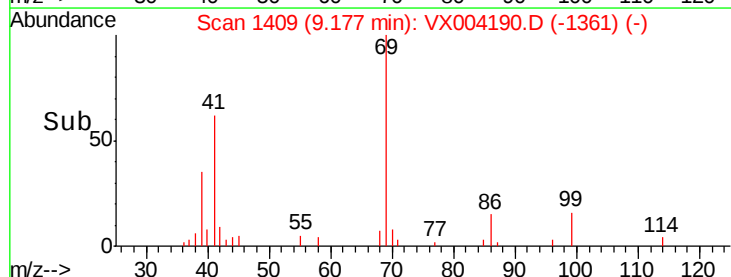
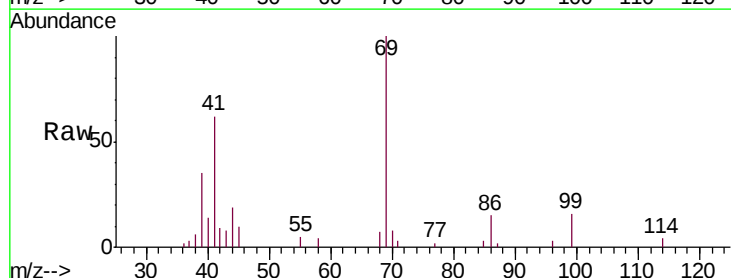
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

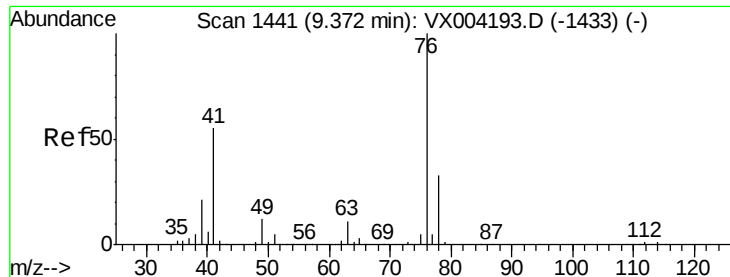
Tgt Ion:	97	Resp:	3521
Ion	Ratio	Lower	Upper
97	100		
83	89.4	66.4	99.6
85	58.0	43.3	64.9
99	64.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 1.499 ug/l
 RT: 9.18 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Tgt Ion:	69	Resp:	3876
Ion	Ratio	Lower	Upper
69	100		
41	69.4	51.0	76.4
39	41.0	26.1	39.1#

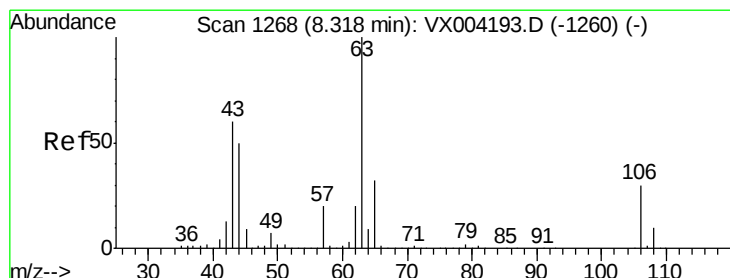
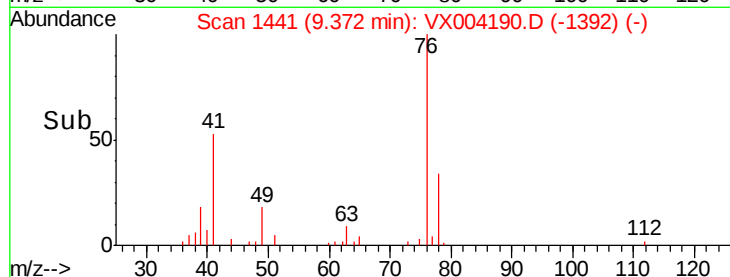
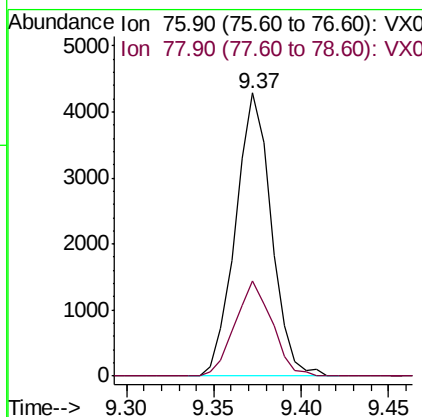
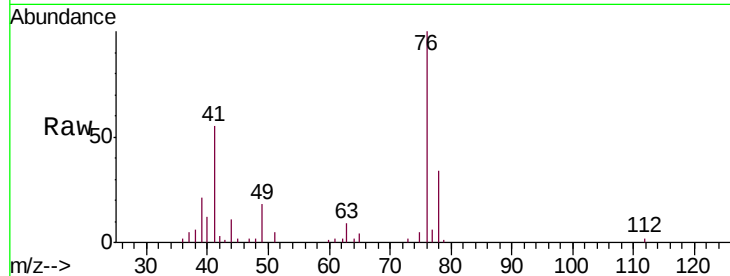




#57
 1,3-Dichloropropane
 Concen: 1.915 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

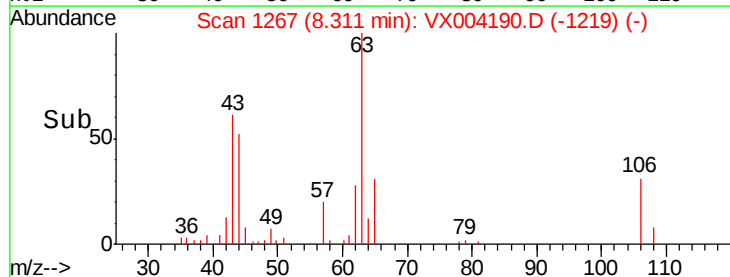
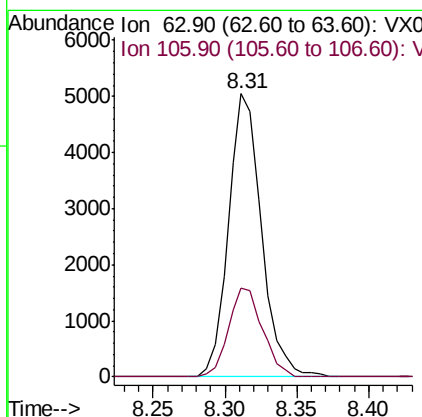
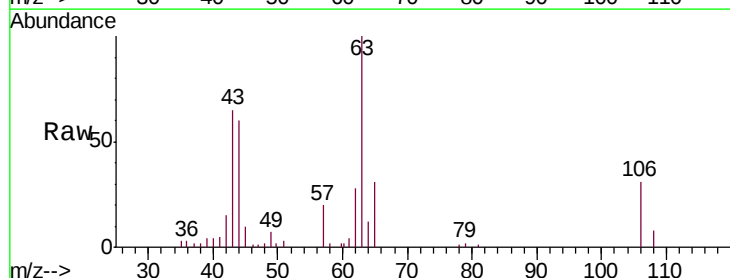
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

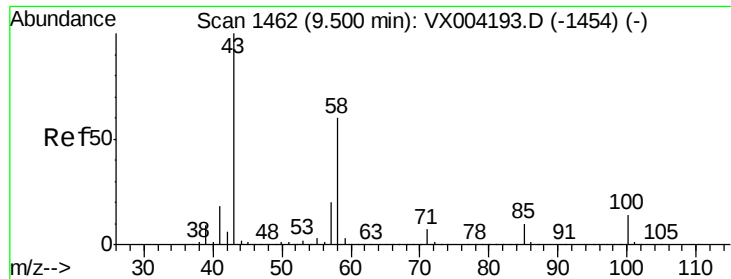
Tgt Ion: 76 Resp: 6129
 Ion Ratio Lower Upper
 76 100
 78 34.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 6.105 ug/l
 RT: 8.31 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Tgt Ion: 63 Resp: 8087
 Ion Ratio Lower Upper
 63 100
 106 32.1 23.9 35.9

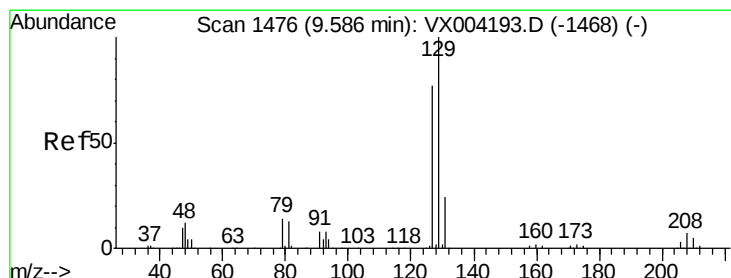
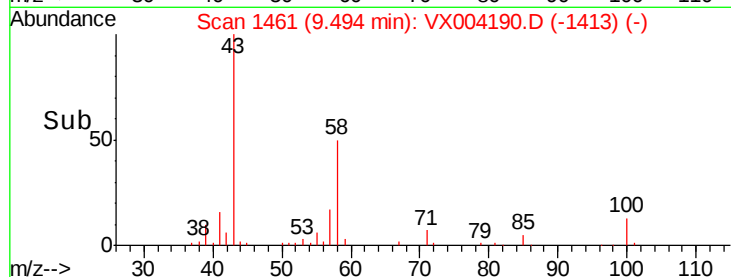
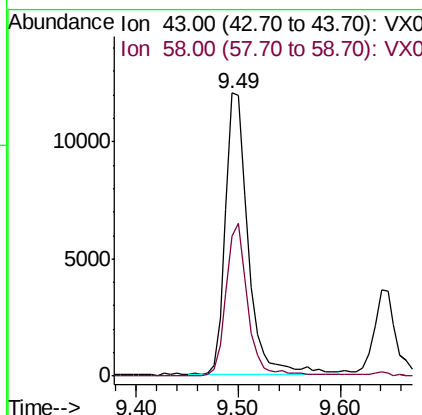
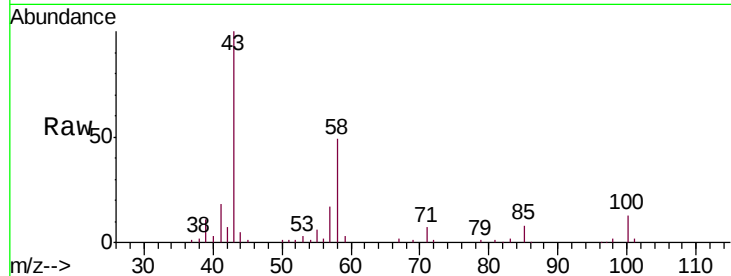




#59
2-Hexanone
Concen: 8.829 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

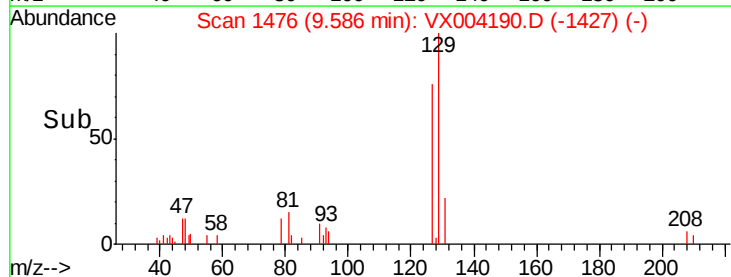
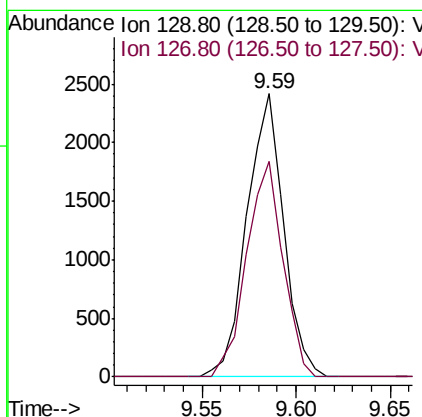
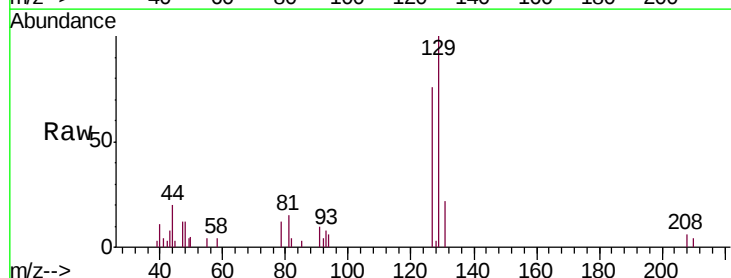
Instrument :
MSVOA_X
ClientSampled :
VSTDICC

Tgt Ion: 43 Resp: 18602
Ion Ratio Lower Upper
43 100
58 51.1 29.0 87.0



#60
Dibromochloromethane
Concen: 1.764 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Tgt Ion: 129 Resp: 3264
Ion Ratio Lower Upper
129 100
127 75.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 1.814 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampled :

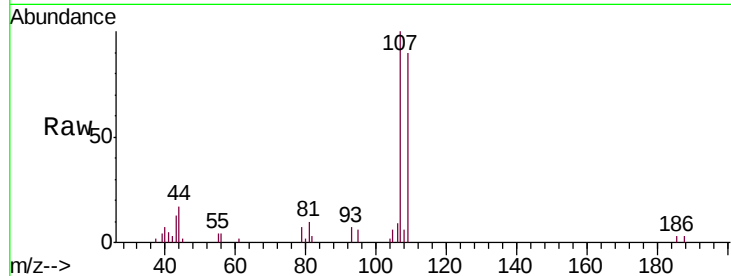
VSTDICC

Tgt Ion: 107 Resp: 3565

Ion Ratio Lower Upper

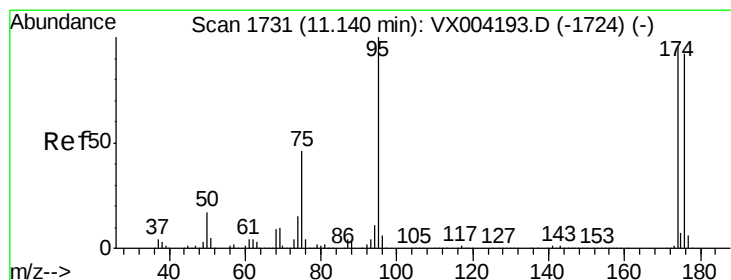
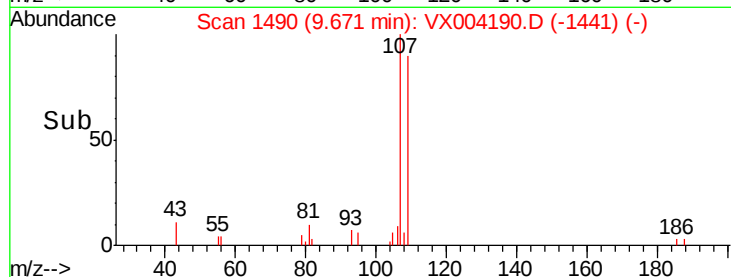
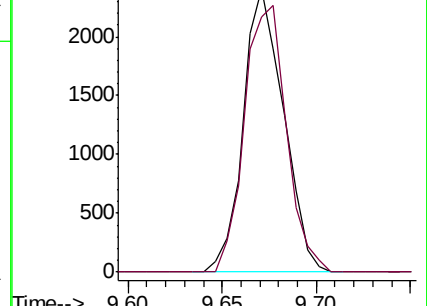
107 100

109 98.1 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.829 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

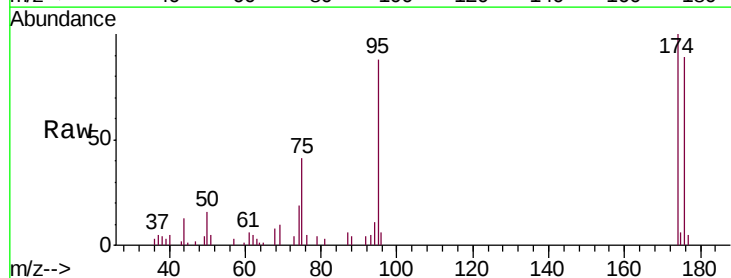
Tgt Ion: 95 Resp: 4288

Ion Ratio Lower Upper

95 100

174 104.2 0.0 185.2

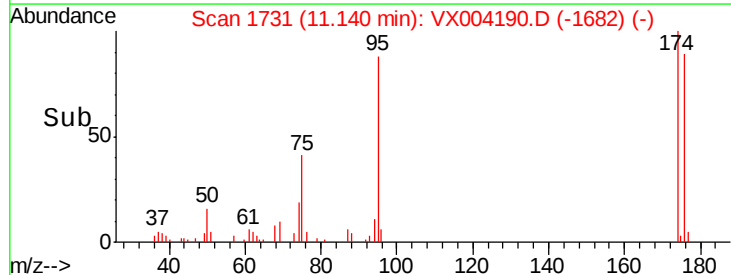
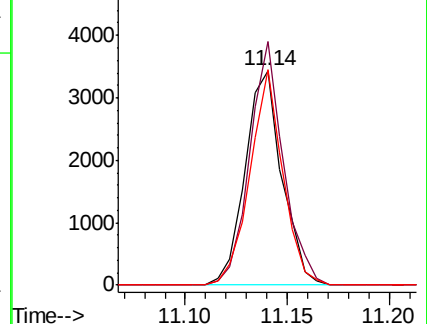
176 90.0 0.0 178.6



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

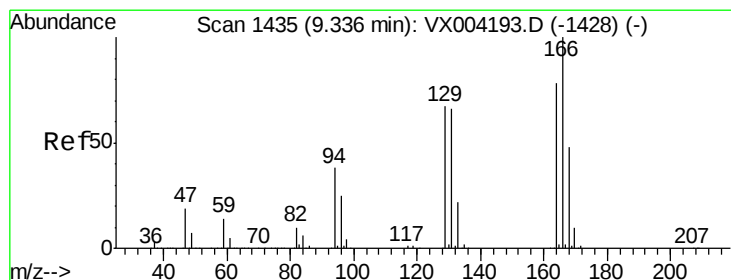
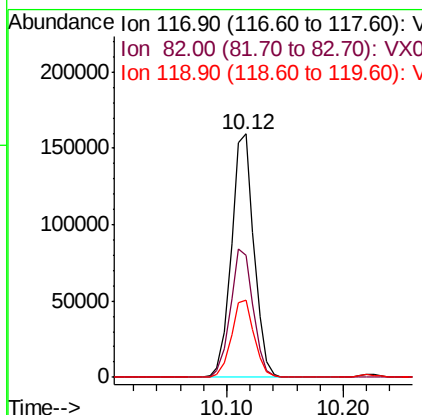
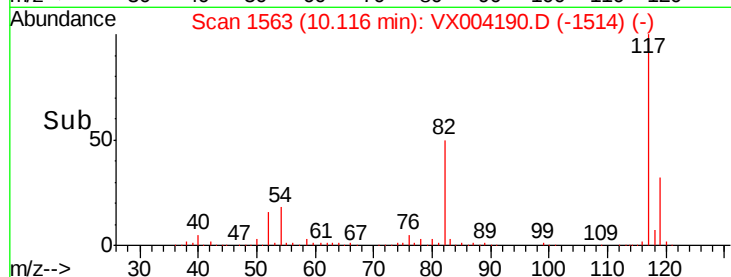
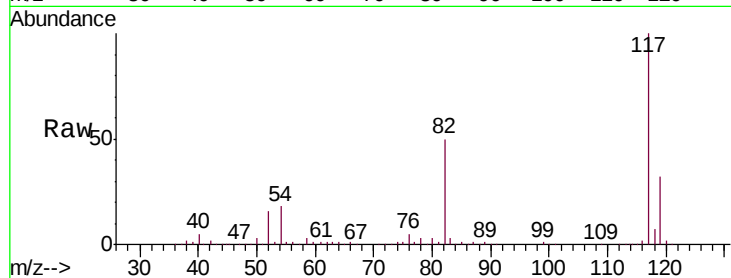




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

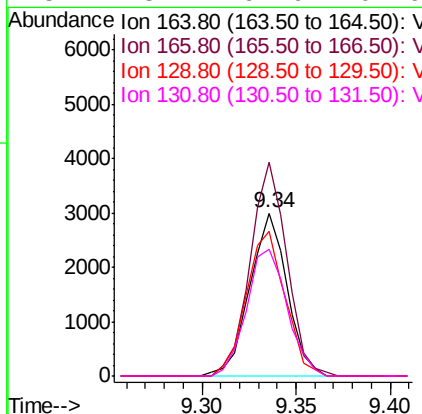
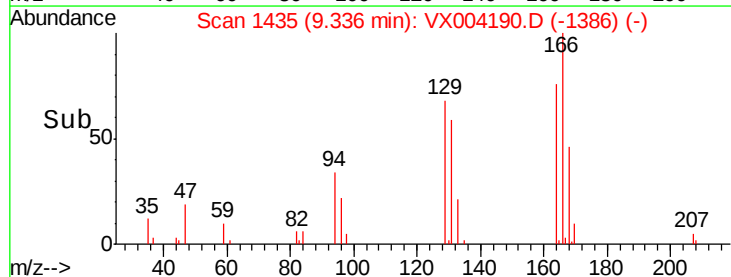
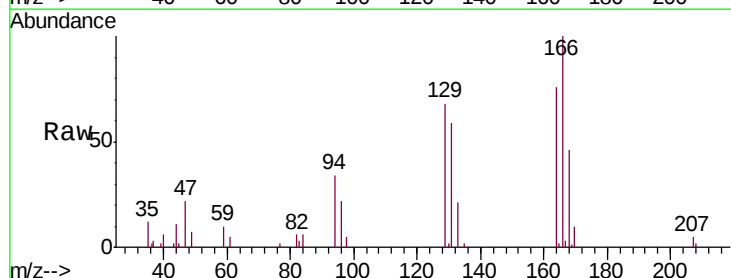
Instrument :
MSVOA_X
ClientSampled :
VSTDICC

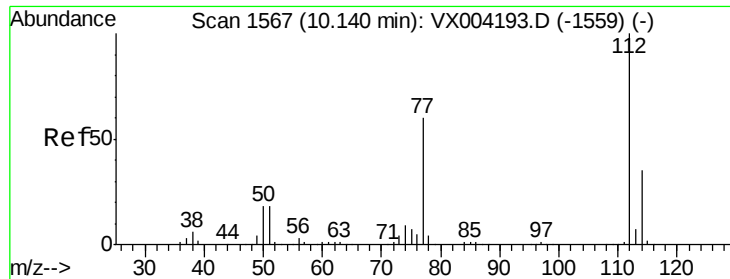
Tgt Ion:117 Resp: 214927
Ion Ratio Lower Upper
117 100
82 49.9 47.8 71.6
119 31.7 29.3 43.9



#64
Tetrachloroethene
Concen: 1.932 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Tgt Ion:164 Resp: 4102
Ion Ratio Lower Upper
164 100
166 131.3 102.8 154.2
129 88.8 69.4 104.0
131 78.1 67.9 101.9





#65

Chlorobenzene

Concen: 1.974 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

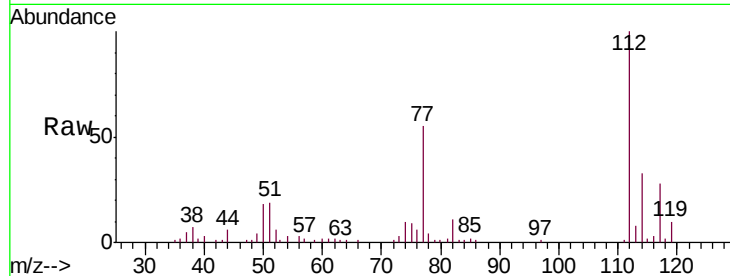
VSTDICC

Tgt Ion:112 Resp: 10647

Ion Ratio Lower Upper

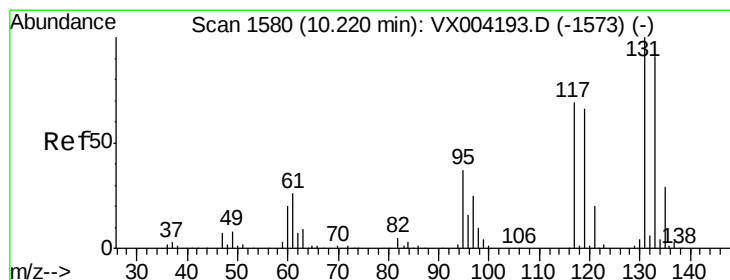
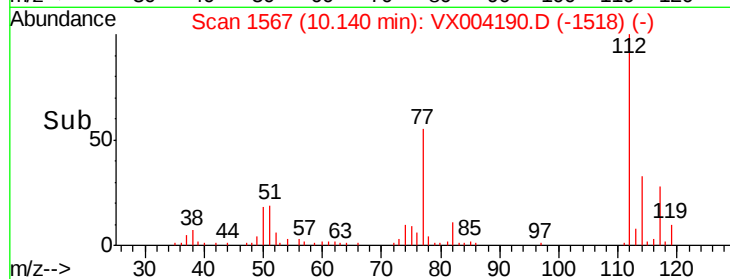
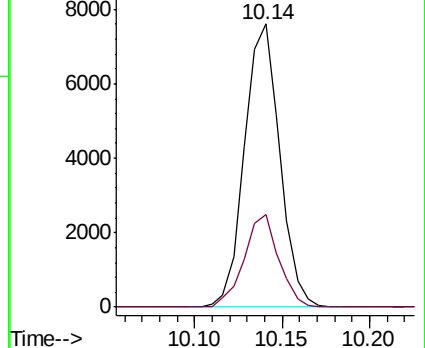
112 100

114 32.9 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: 1.823 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

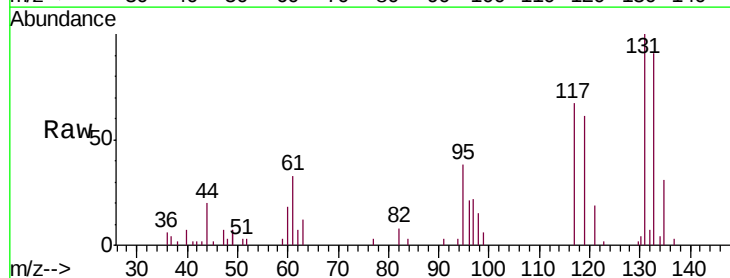
Tgt Ion:131 Resp: 3391

Ion Ratio Lower Upper

131 100

133 92.2 48.1 144.4

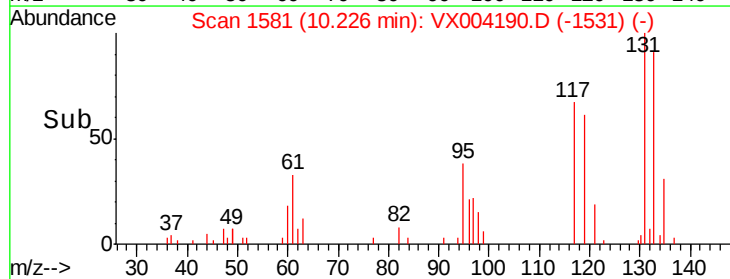
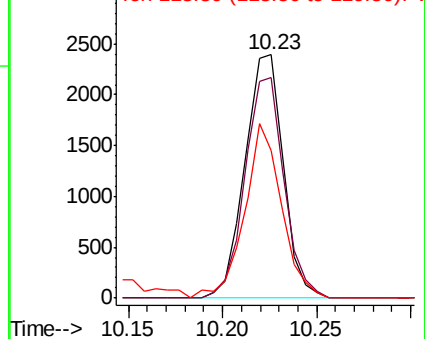
119 68.7 32.9 98.6

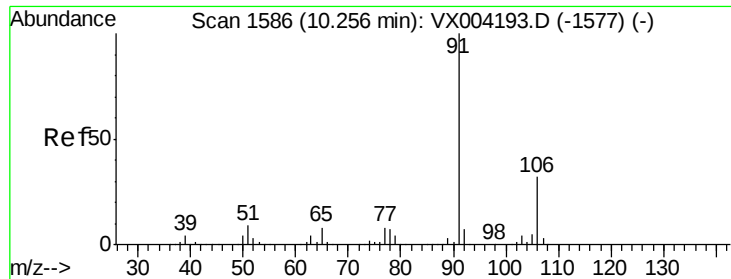


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

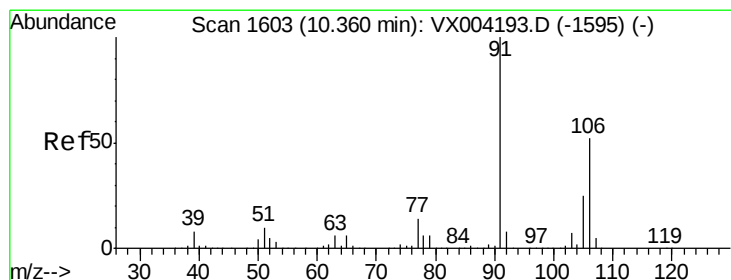
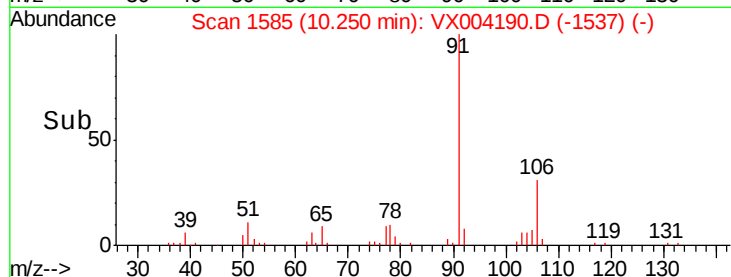
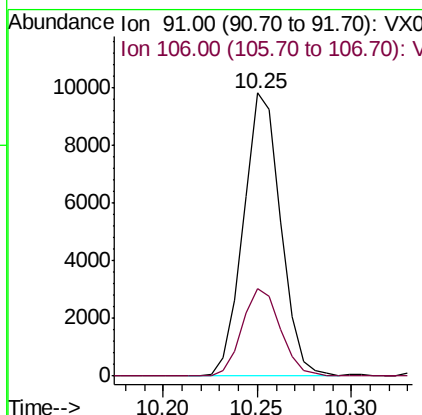
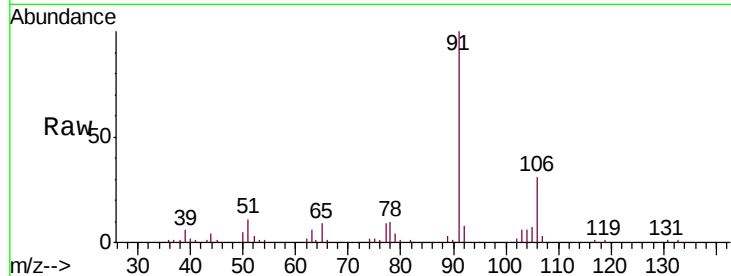




#67
Ethyl Benzene
Concen: 1.538 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

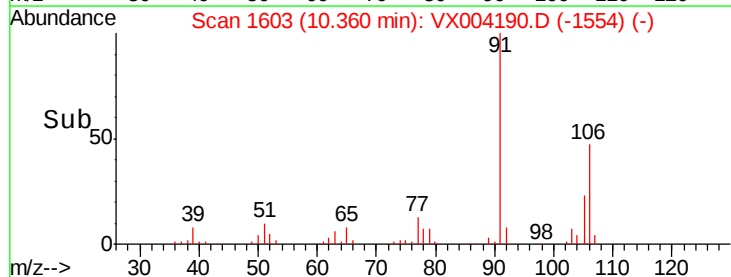
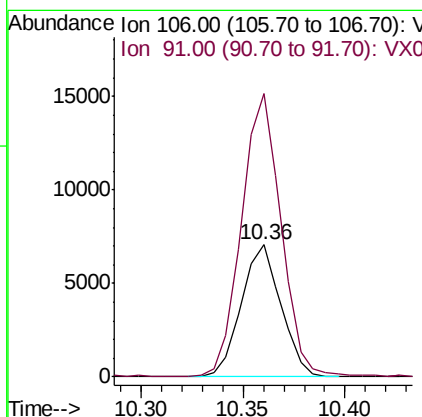
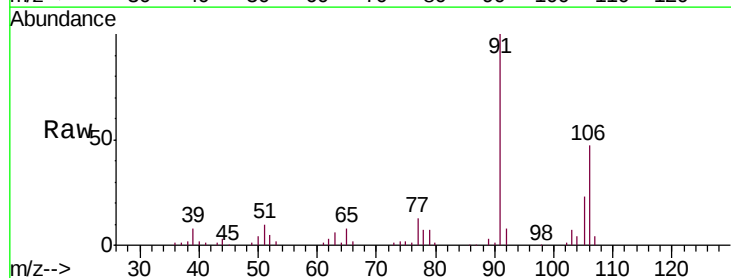
Instrument :
MSVOA_X
ClientSampled :
VSTDICC

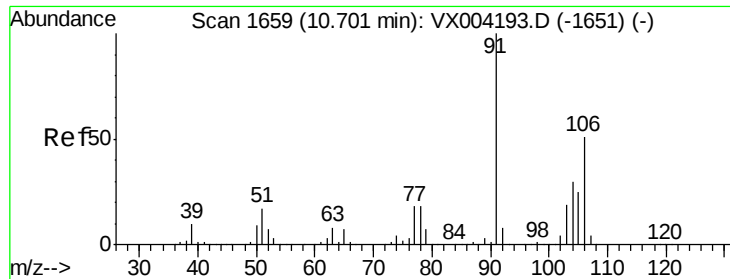
Tgt Ion: 91 Resp: 13477
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9



#68
m/p-Xylenes
Concen: 2.772 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Tgt Ion: 106 Resp: 9494
Ion Ratio Lower Upper
106 100
91 216.2 157.1 235.7

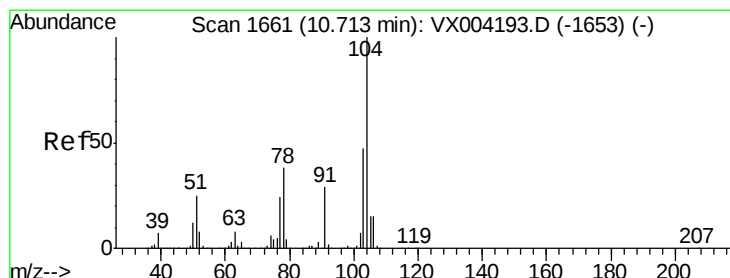
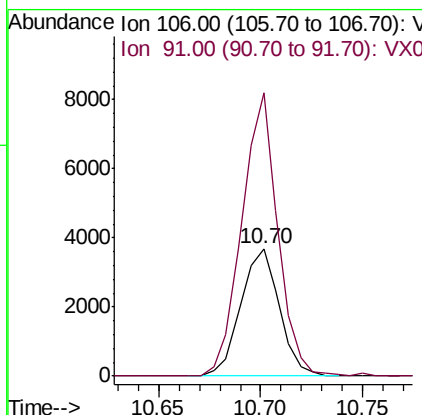
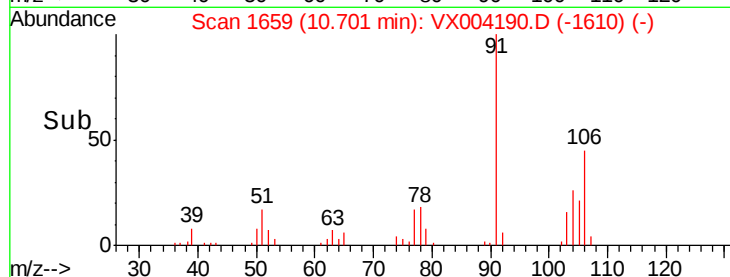
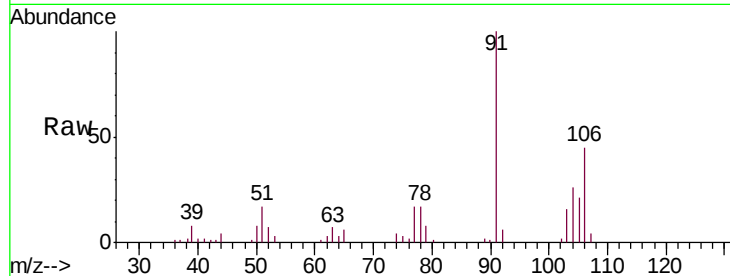




#69
o-Xylene
Concen: 1.491 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

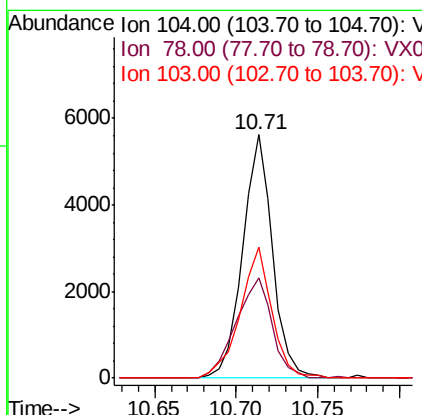
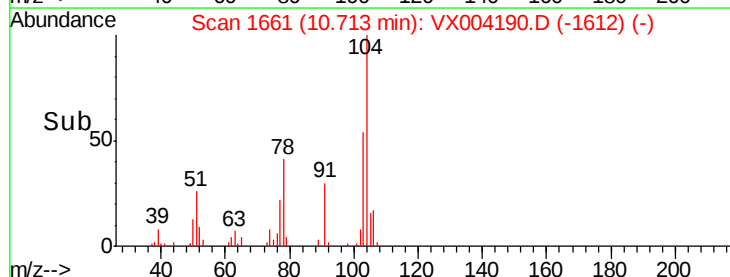
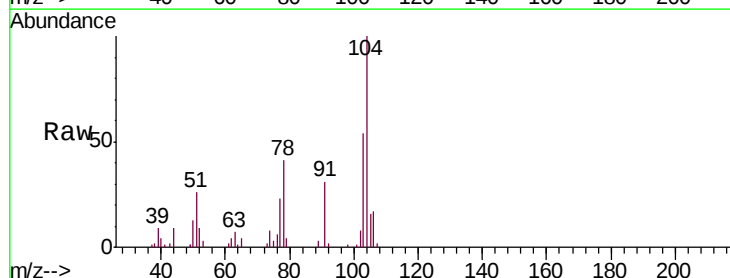
Instrument :
MSVOA_X
ClientSampled :
VSTDICC

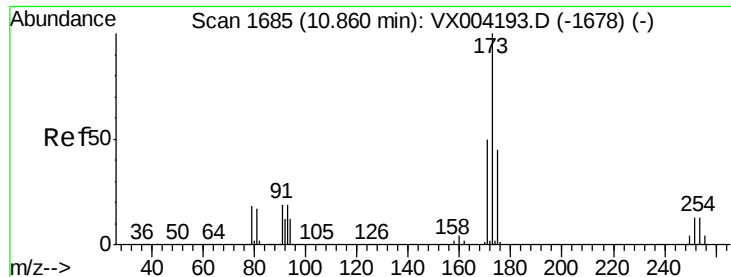
Tgt Ion:106 Resp: 4831
Ion Ratio Lower Upper
106 100
91 207.4 105.1 315.1



#70
Styrene
Concen: 1.368 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Tgt Ion:104 Resp: 7178
Ion Ratio Lower Upper
104 100
78 49.5 37.4 56.0
103 57.1 43.8 65.6

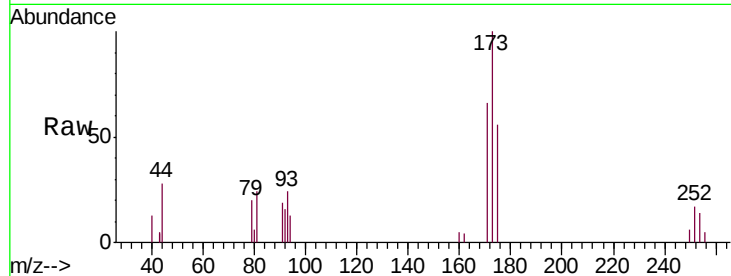




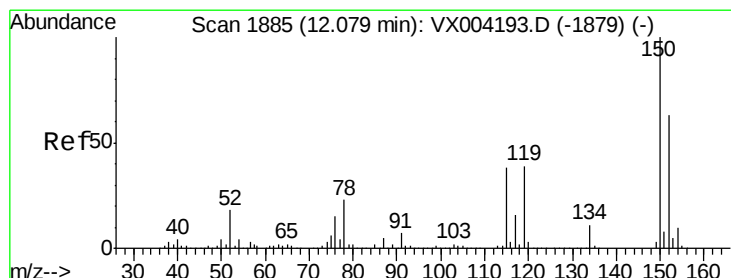
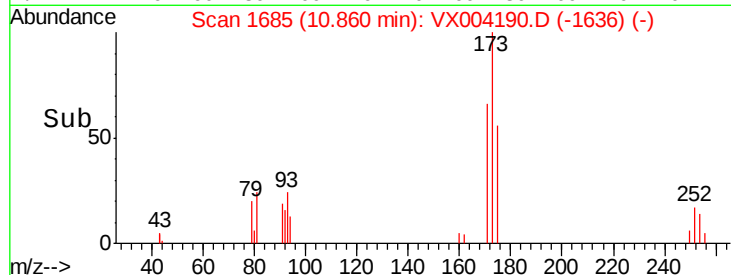
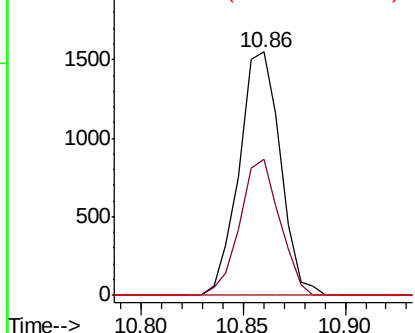
#71
Bromoform
Concen: 1.450 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Instrument :
MSVOA_X
ClientSampled :
VSTDICC

Tgt Ion:173 Resp: 2174
Ion Ratio Lower Upper
173 100
175 54.4 24.1 72.3
254 0.0 0.2 0.2#

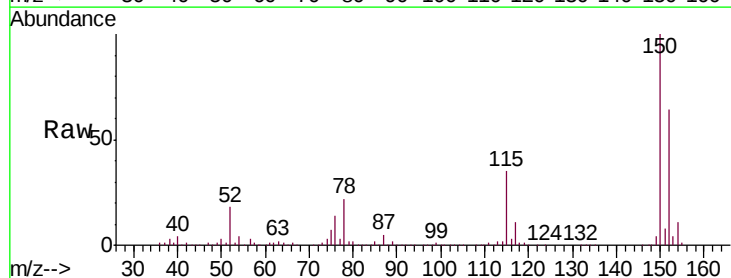


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

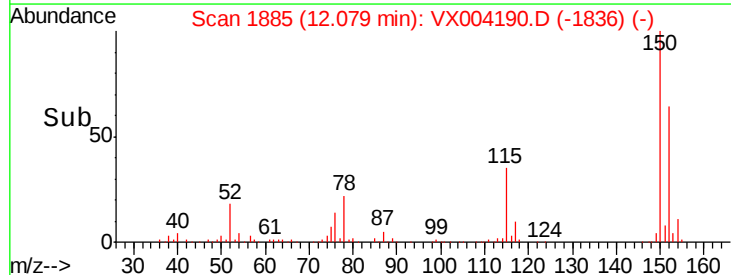
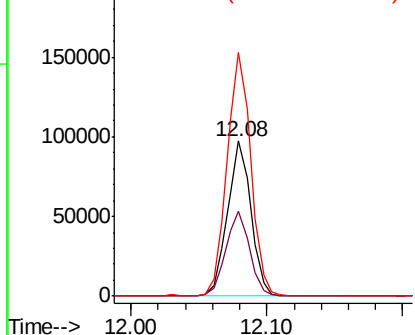


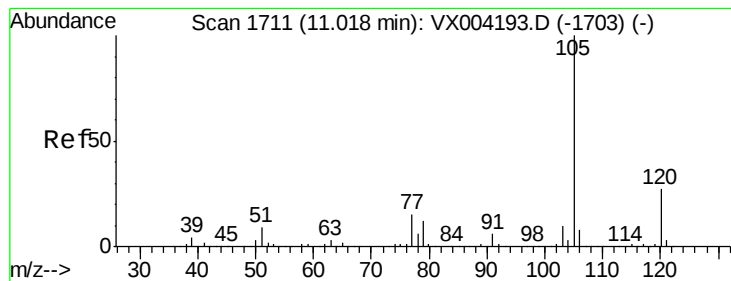
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004190.D
Acq: 22 Aug 2018 10:22

Tgt Ion:152 Resp: 116339
Ion Ratio Lower Upper
152 100
115 55.5 39.0 117.0
150 158.5 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: 1.609 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampled :

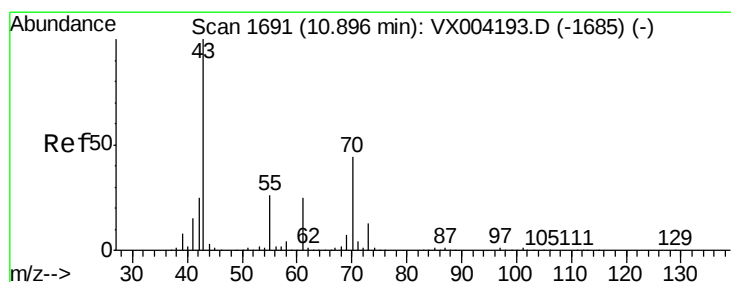
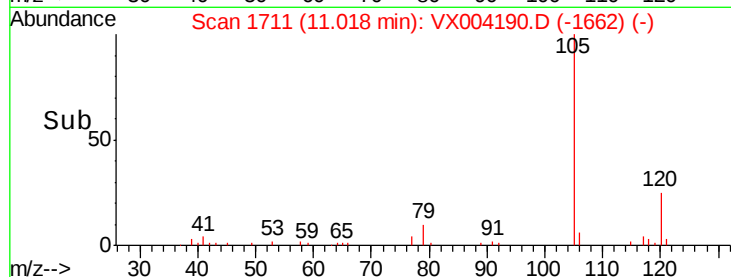
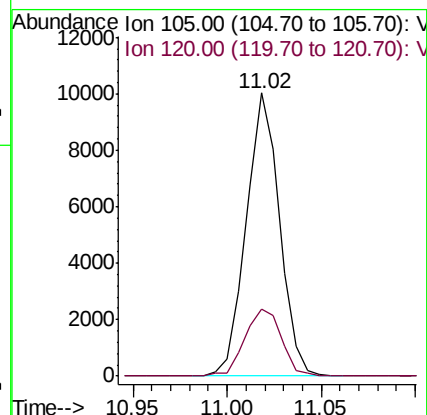
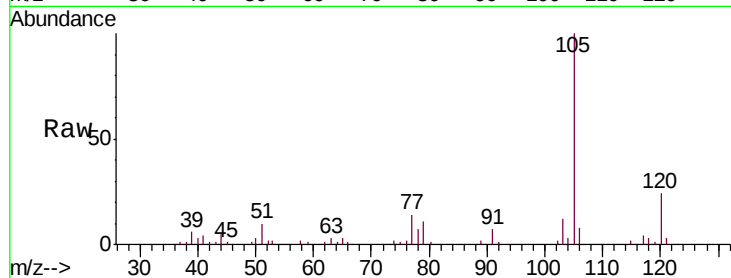
VSTDICC

Tgt Ion: 105 Resp: 12296

Ion Ratio Lower Upper

105 100

120 25.9 13.5 40.4



#74

N-ethyl acetate

Concen: 1.714 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Tgt Ion: 43 Resp: 5042

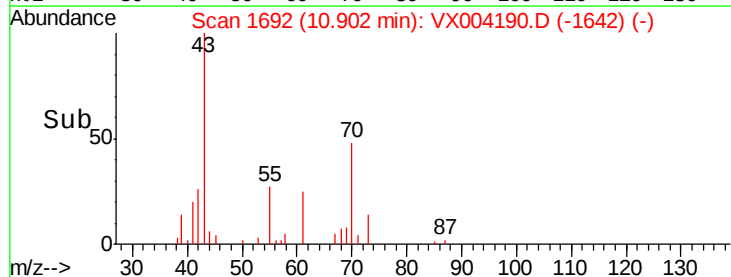
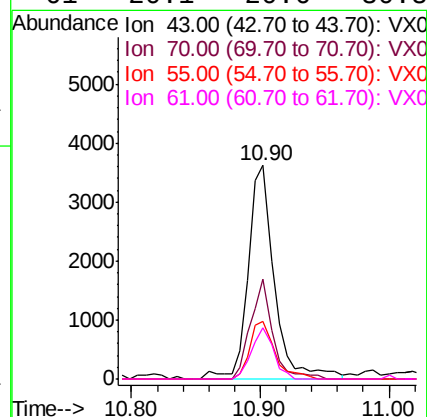
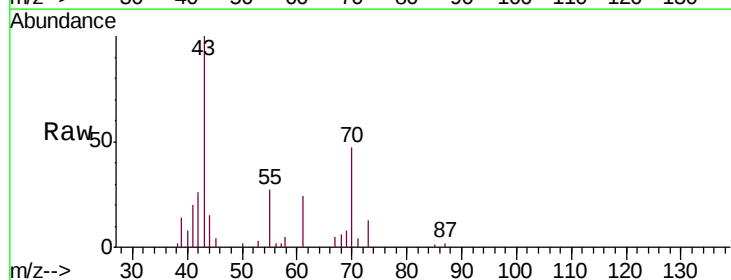
Ion Ratio Lower Upper

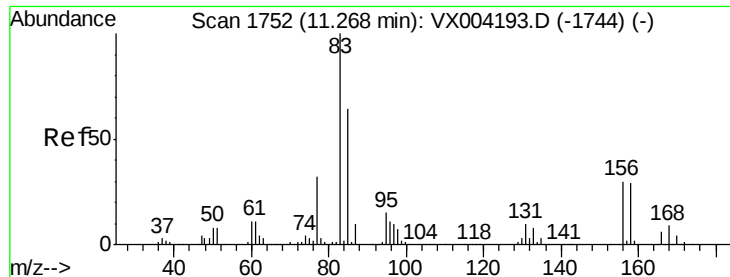
43 100

70 39.3 37.4 56.0

55 25.9 21.8 32.8

61 20.1 20.6 30.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.060 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampled :

VSTDICC

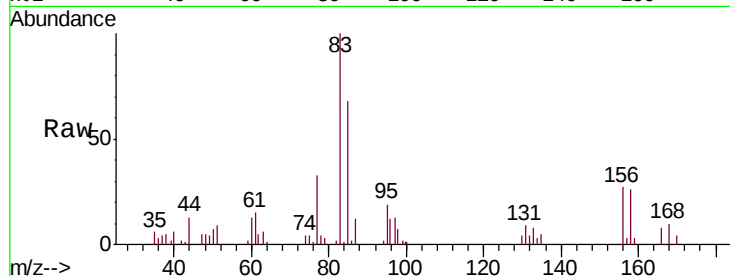
Tgt Ion: 83 Resp: 5508

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

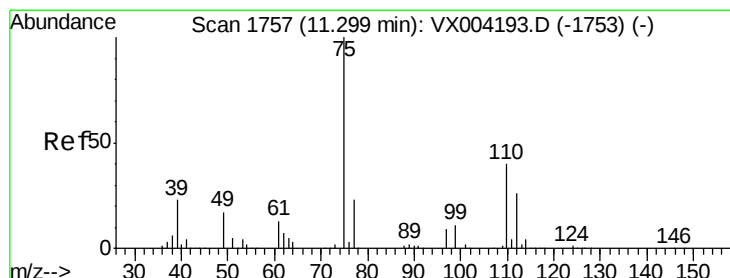
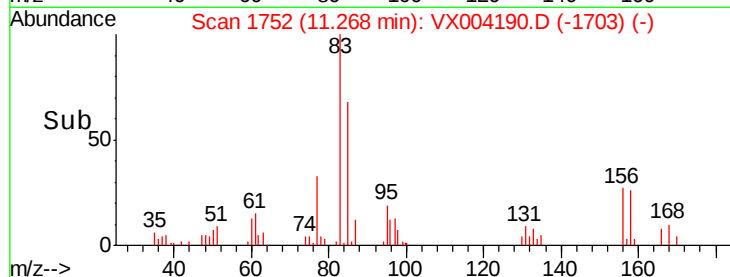
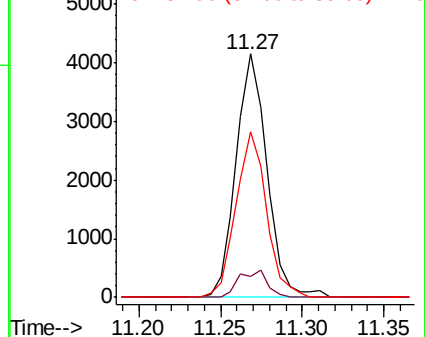
85 66.7 32.3 96.8



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: 2.390 ug/l

RT: 11.29 min Scan# 1756

Delta R.T. -0.01 min

Lab File: VX004190.D

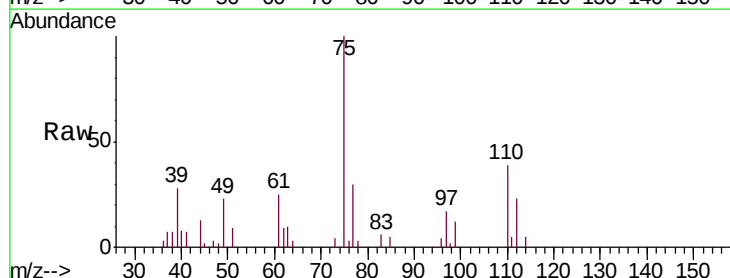
Acq: 22 Aug 2018 10:22

Tgt Ion: 75 Resp: 5489

Ion Ratio Lower Upper

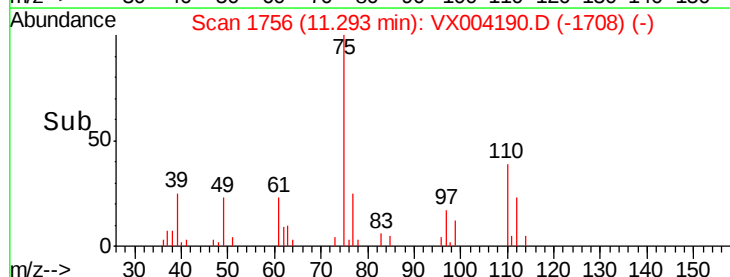
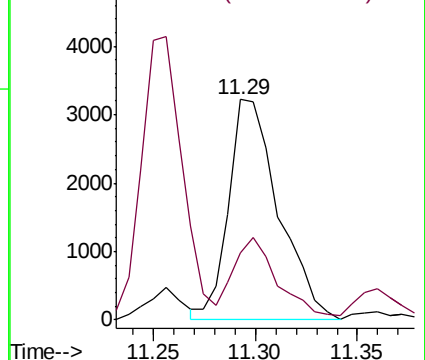
75 100

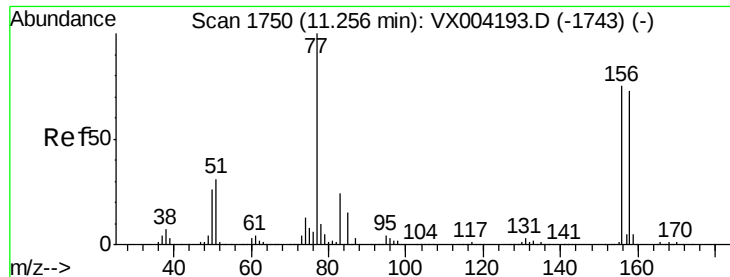
77 33.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.948 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

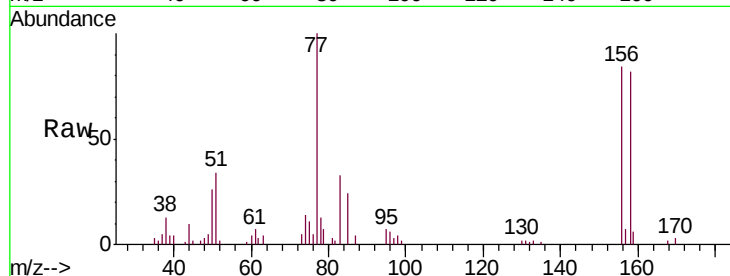
Tgt Ion:156 Resp: 4176

Ion Ratio Lower Upper

156 100

77 138.3 71.5 214.3

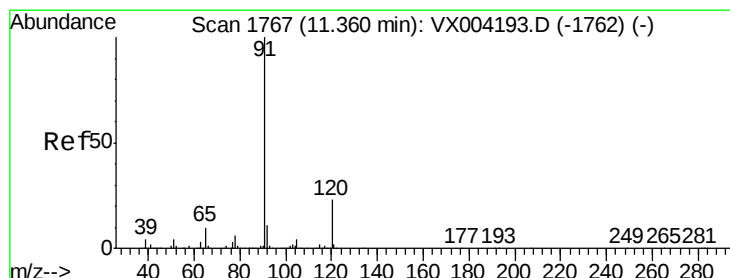
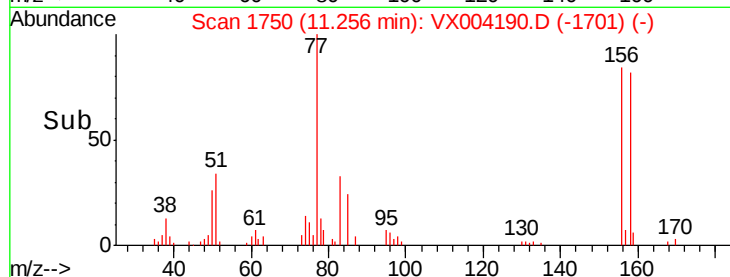
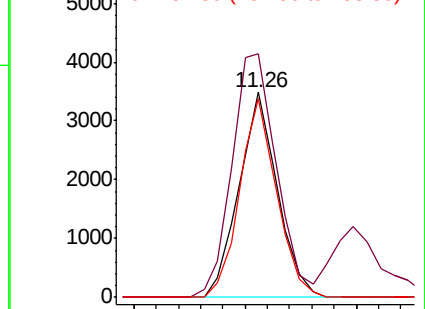
158 93.7 48.9 146.8



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: 1.519 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004190.D

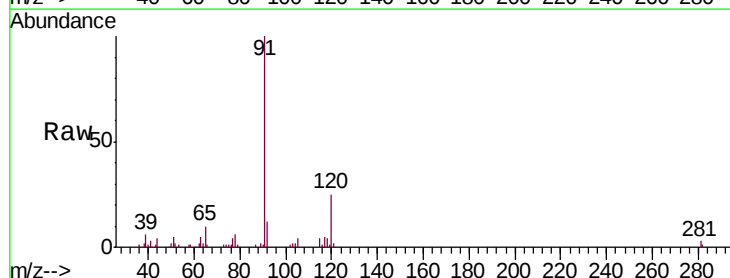
Acq: 22 Aug 2018 10:22

Tgt Ion: 91 Resp: 13352

Ion Ratio Lower Upper

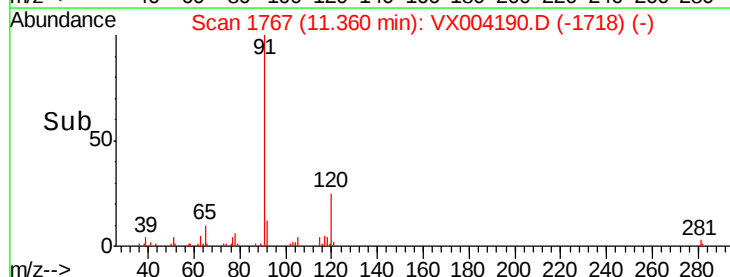
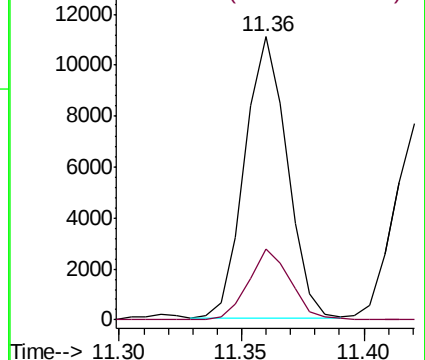
91 100

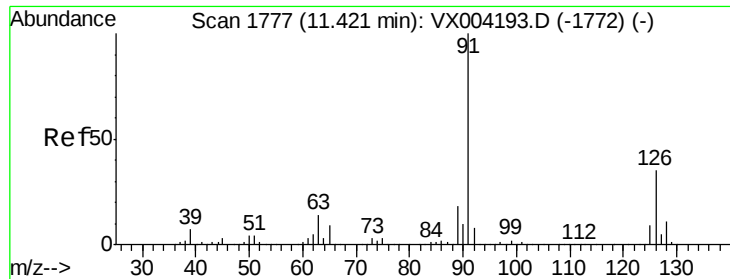
120 24.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.747 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

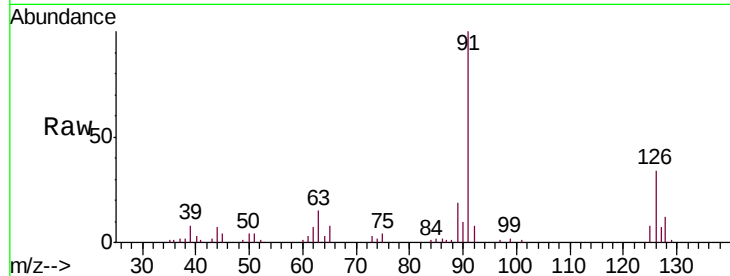
VSTDICC

Tgt Ion: 91 Resp: 9451

Ion Ratio Lower Upper

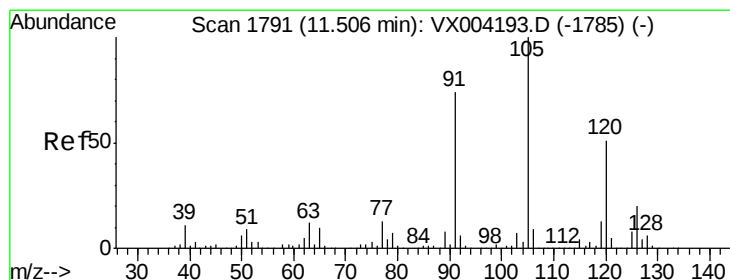
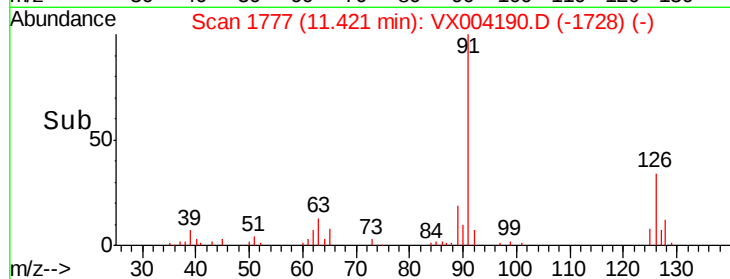
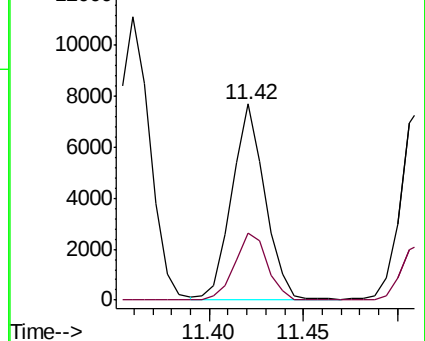
91 100

126 33.5 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 1.505 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX004190.D

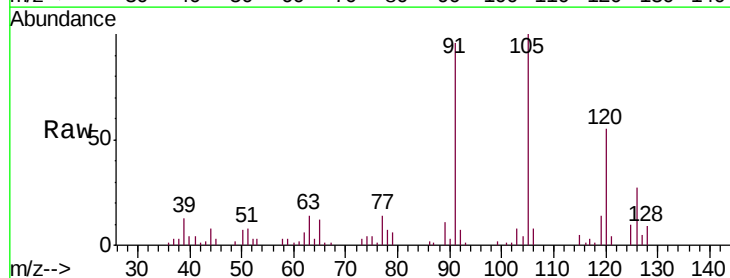
Acq: 22 Aug 2018 10:22

Tgt Ion: 105 Resp: 9526

Ion Ratio Lower Upper

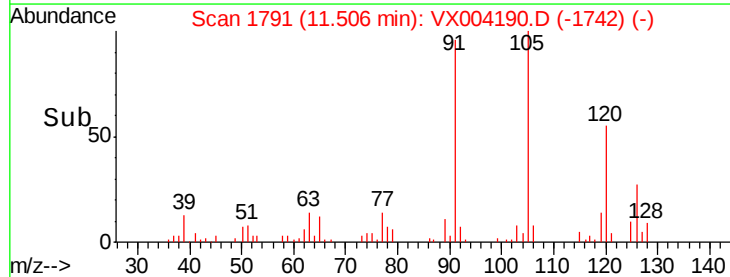
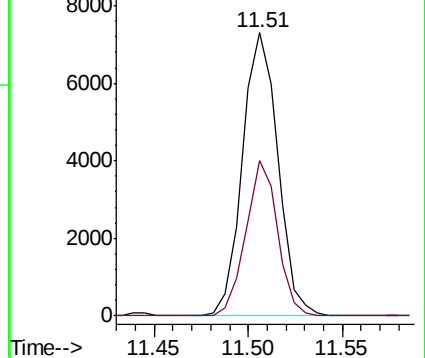
105 100

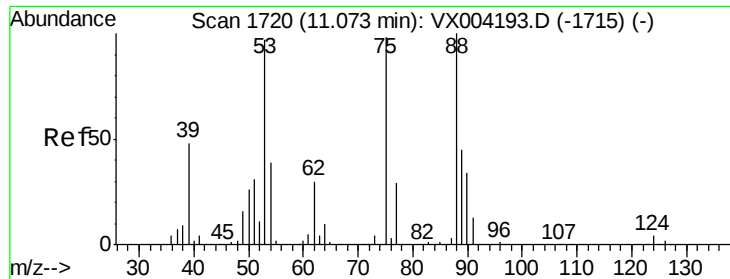
120 49.0 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 1.526 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

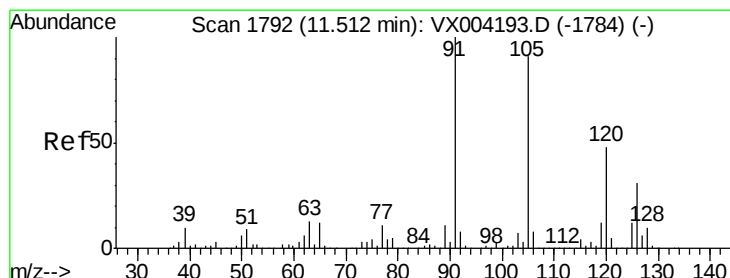
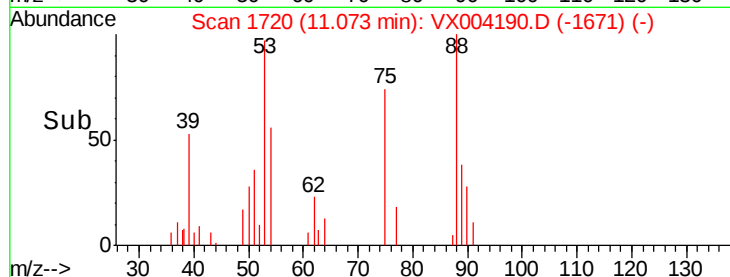
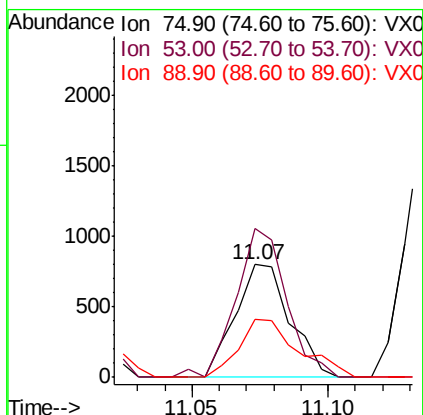
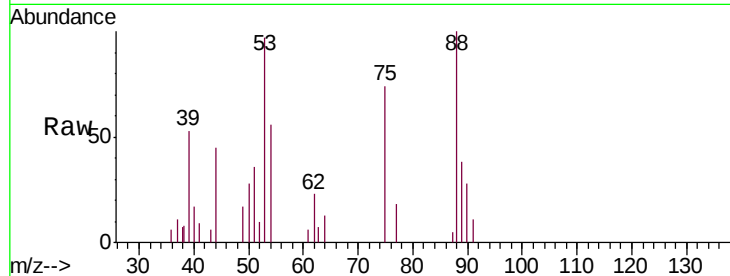
Tgt Ion: 75 Resp: 1113

Ion Ratio Lower Upper

75 100

53 122.3 80.1 120.1#

89 55.9 37.2 55.8#



#82

4-Chlorotoluene

Concen: 1.580 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004190.D

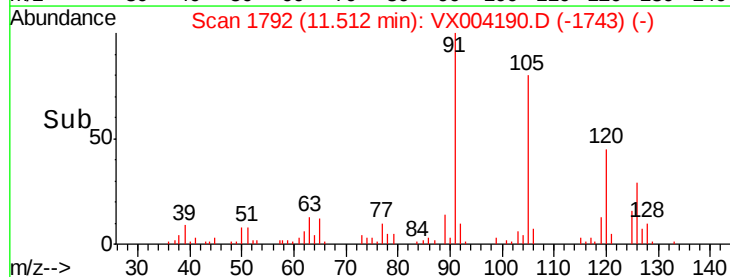
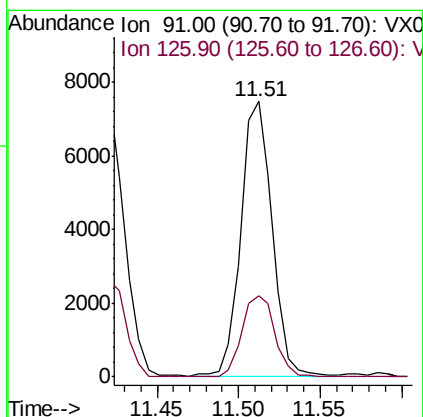
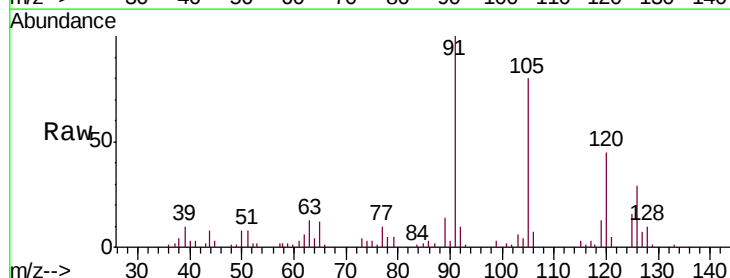
Acq: 22 Aug 2018 10:22

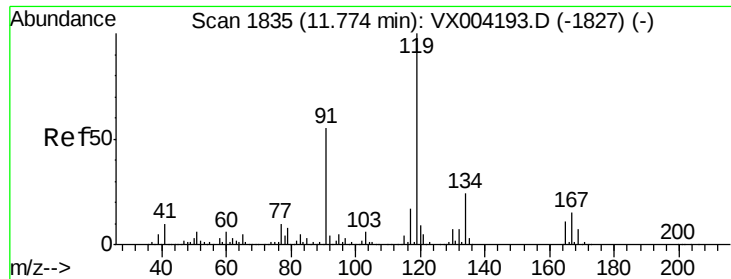
Tgt Ion: 91 Resp: 10060

Ion Ratio Lower Upper

91 100

126 30.7 15.5 46.5

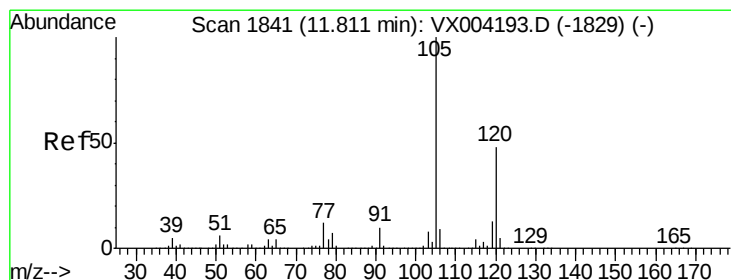
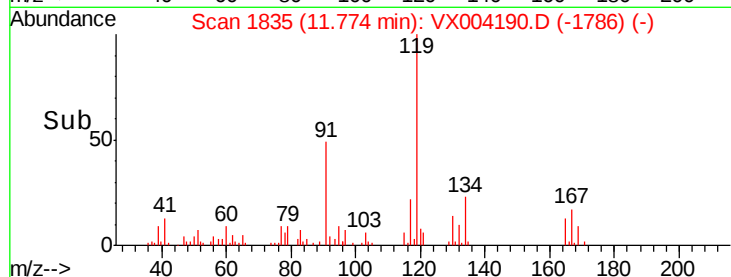
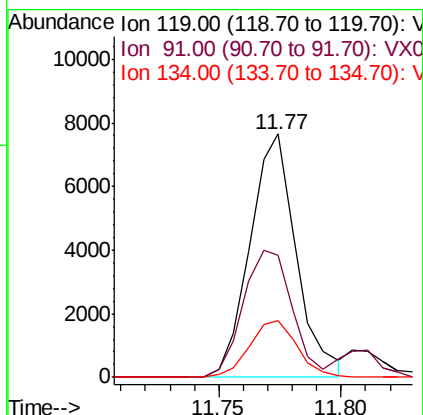
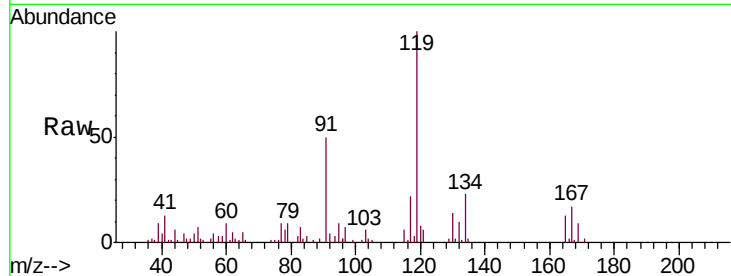




#83
 tert-Butylbenzene
 Concen: 1.588 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

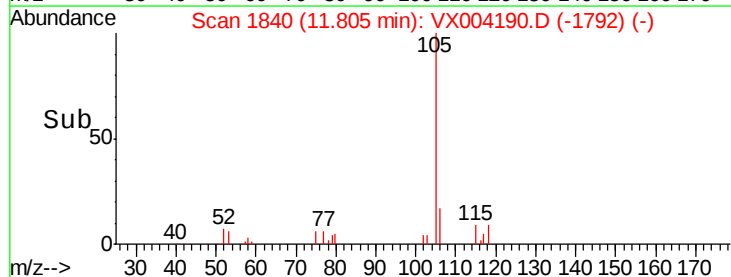
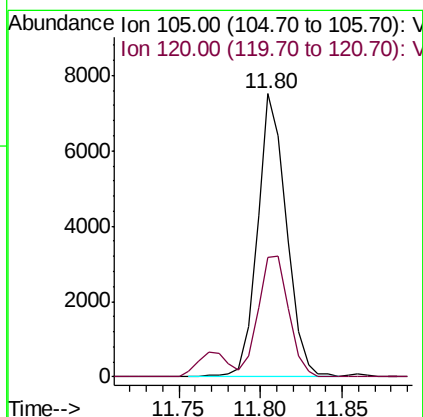
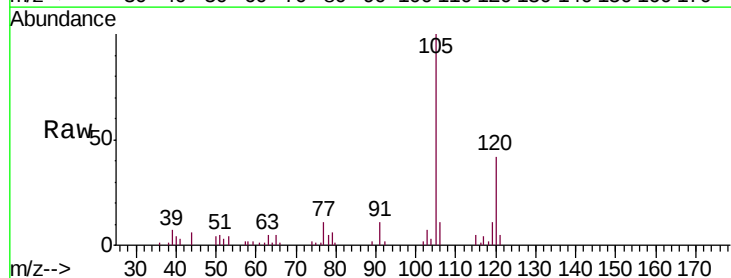
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

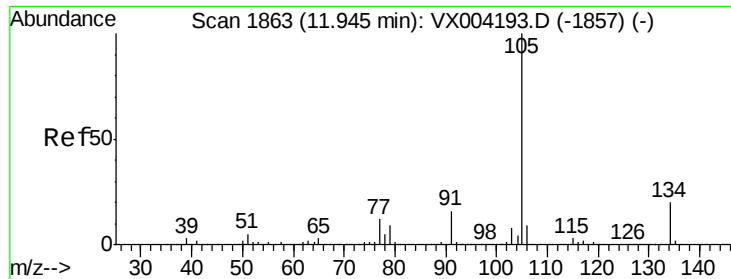
Tgt Ion:119 Resp: 10109
 Ion Ratio Lower Upper
 119 100
 91 55.1 27.0 81.0
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.418 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Tgt Ion:105 Resp: 9213
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.6

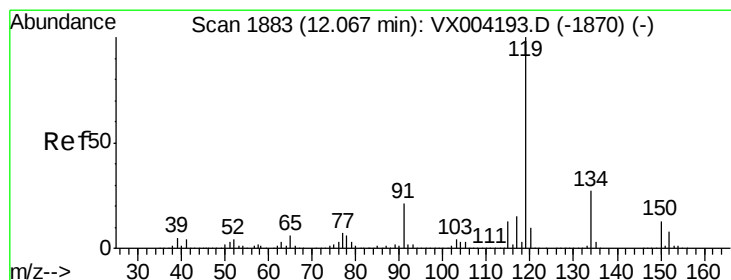
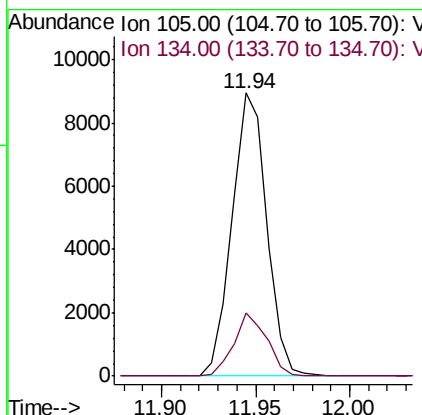
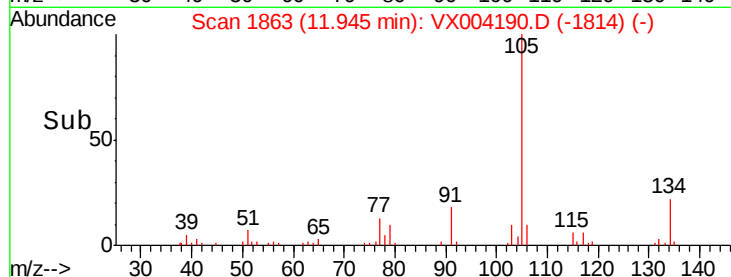
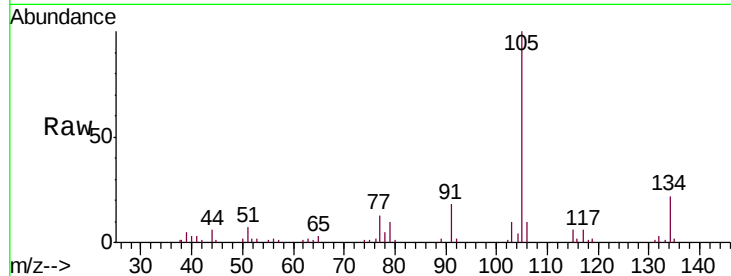




#85
 sec-Butylbenzene
 Concen: 1.512 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

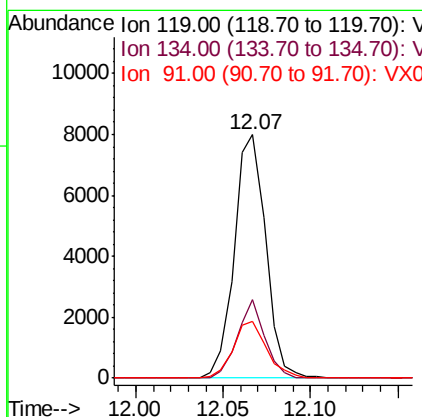
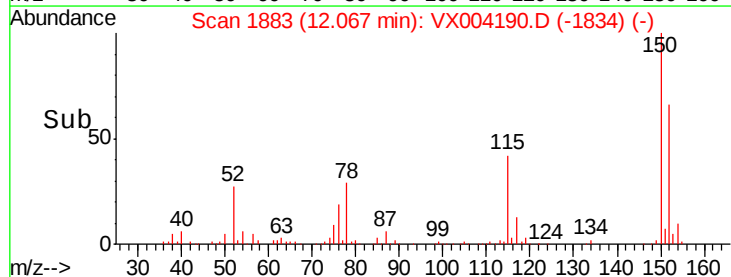
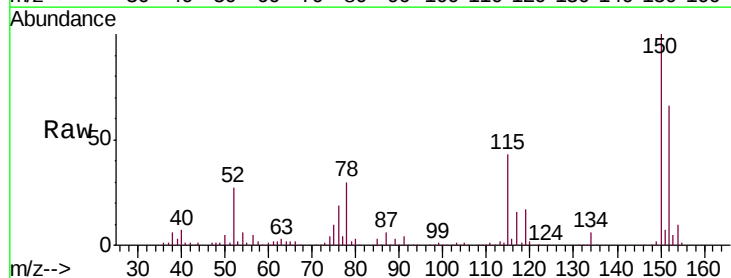
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

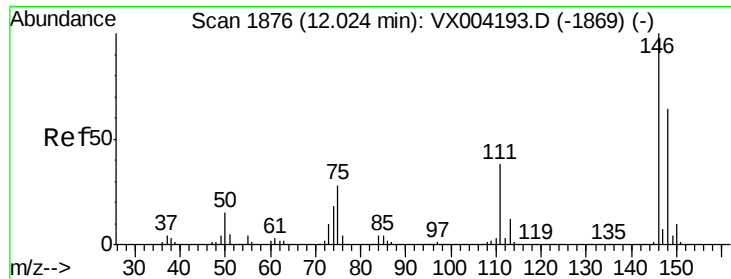
Tgt Ion:105 Resp: 11427
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 1.476 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Tgt Ion:119 Resp: 9999
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.4 40.2
 91 24.9 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 1.903 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

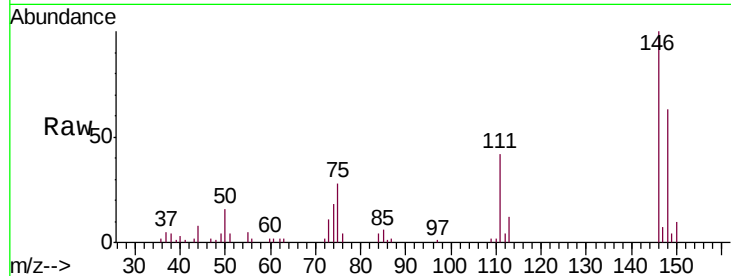
Tgt Ion:146 Resp: 7679

Ion Ratio Lower Upper

146 100

111 39.5 18.7 56.1

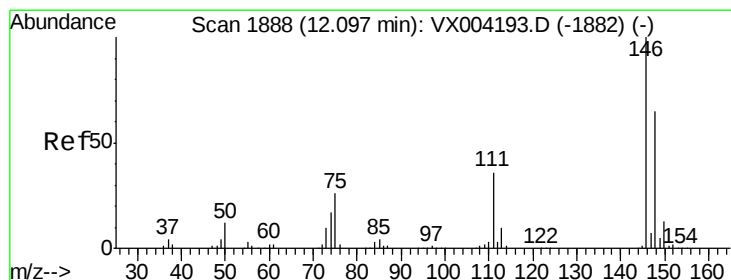
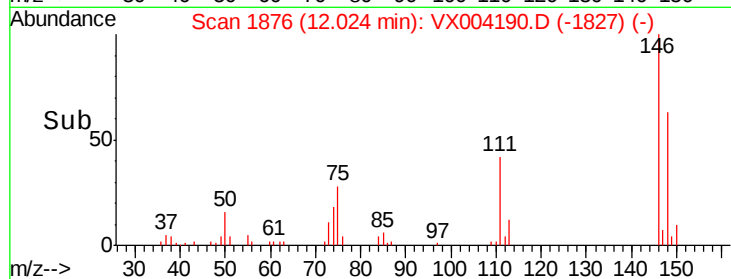
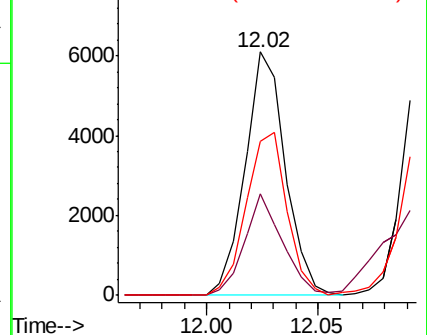
148 67.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.991 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

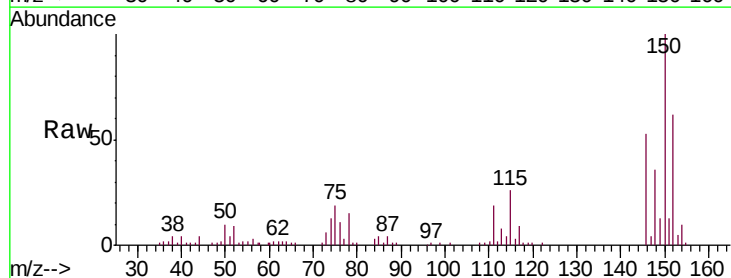
Tgt Ion:146 Resp: 8451

Ion Ratio Lower Upper

146 100

111 51.0 18.1 54.1

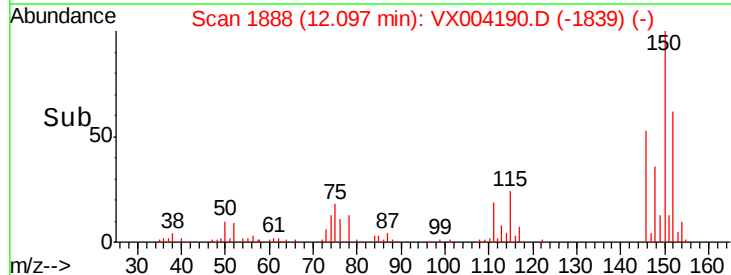
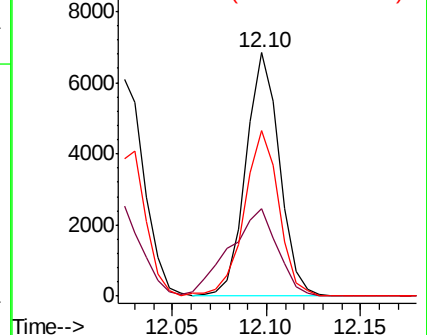
148 70.4 32.0 96.0

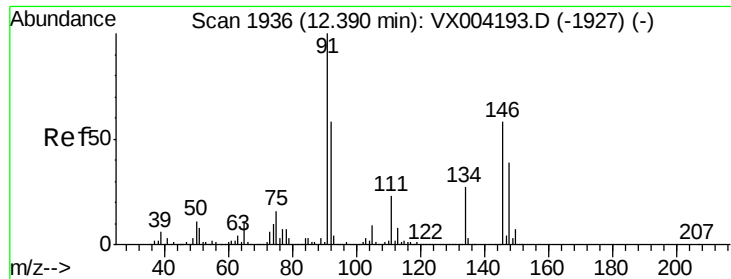


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.646 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

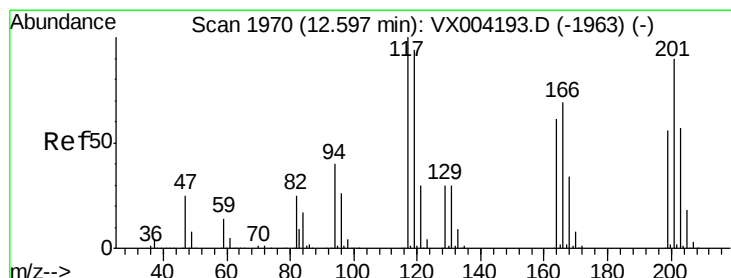
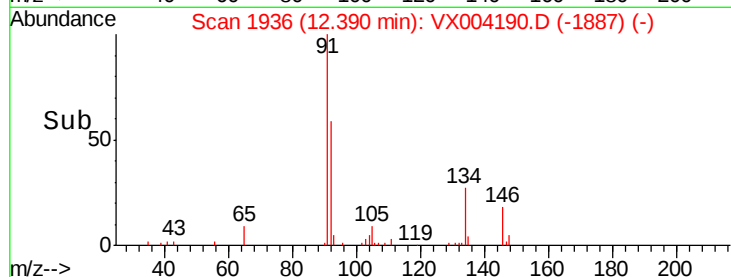
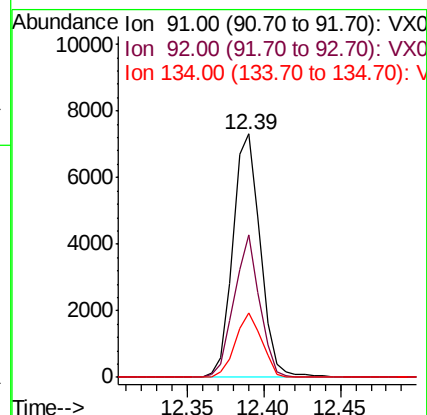
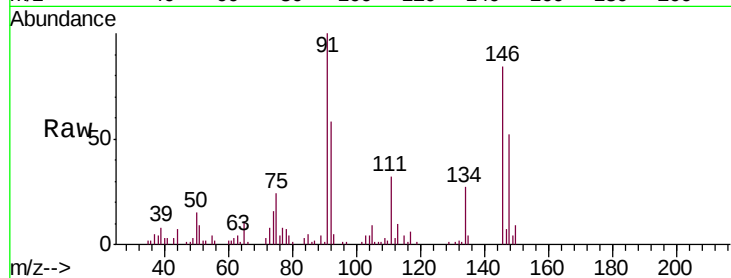
Tgt Ion: 91 Resp: 9069

Ion Ratio Lower Upper

91 100

92 54.1 27.3 81.9

134 25.4 13.6 40.7



#90

Hexachloroethane

Concen: 1.960 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX004190.D

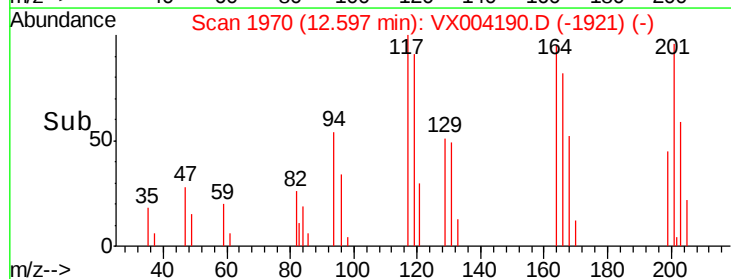
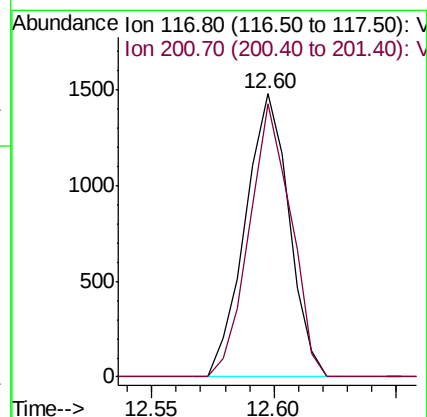
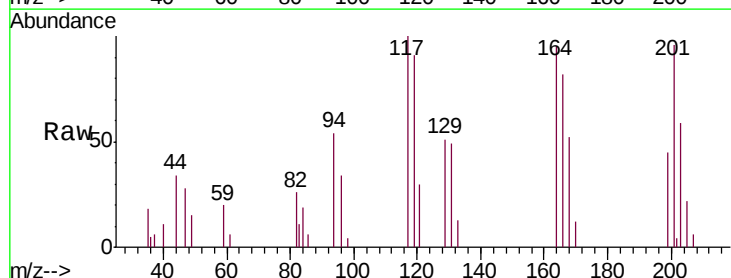
Acq: 22 Aug 2018 10:22

Tgt Ion: 117 Resp: 1856

Ion Ratio Lower Upper

117 100

201 91.8 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 2.210 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.01 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC

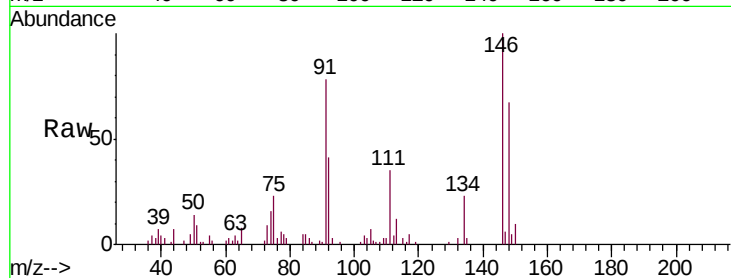
Tgt Ion:146 Resp: 8150

Ion Ratio Lower Upper

146 100

111 37.8 19.4 58.1

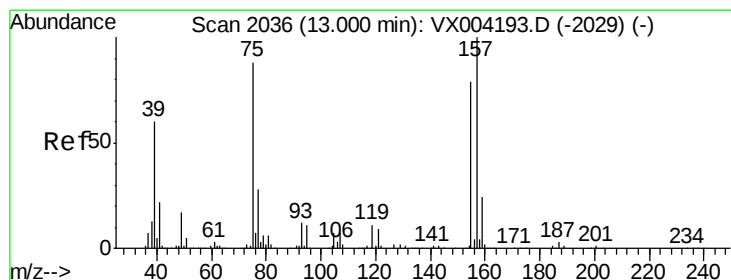
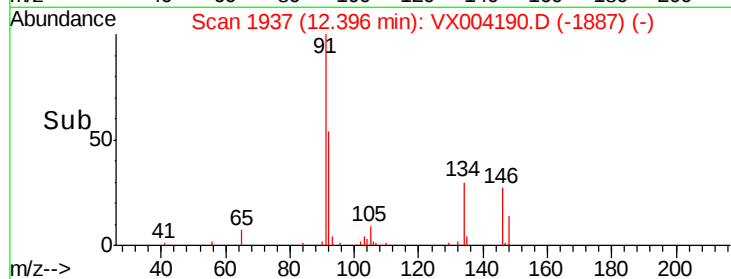
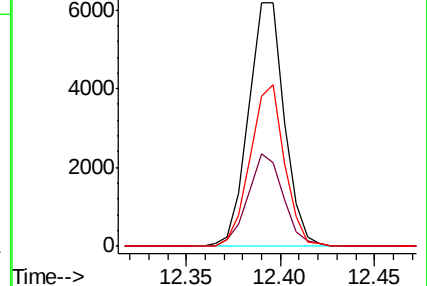
148 63.7 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.871 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

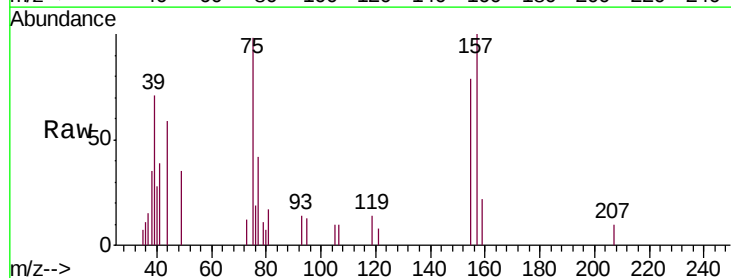
Tgt Ion: 75 Resp: 881

Ion Ratio Lower Upper

75 100

155 99.7 48.0 144.2

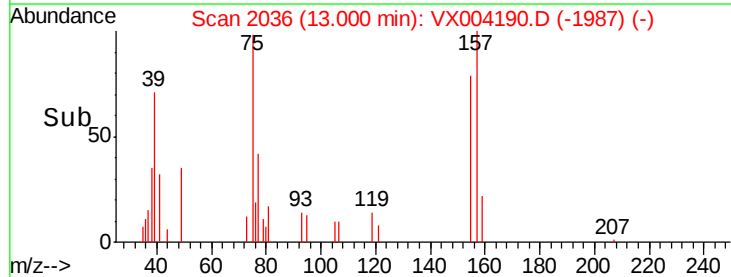
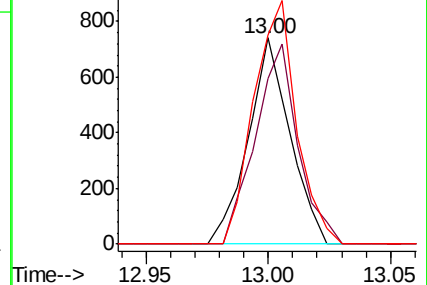
157 121.1 61.4 184.1

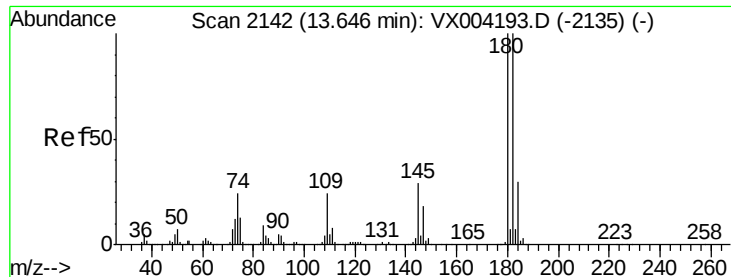


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

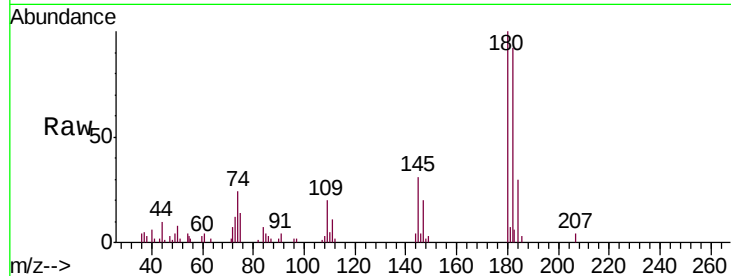




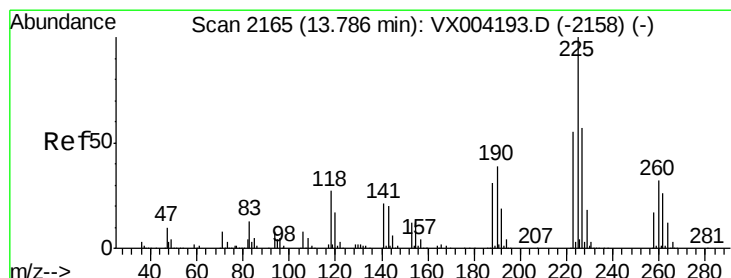
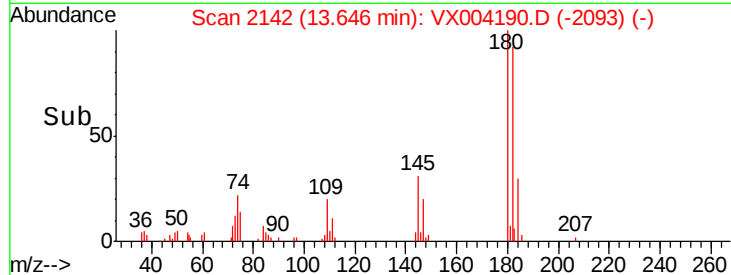
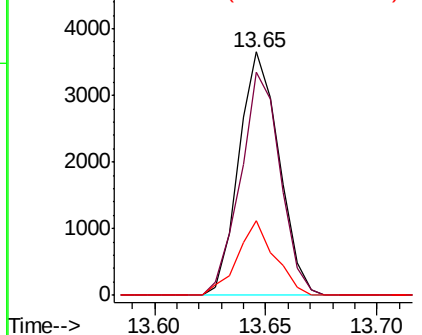
#93
 1,2,4-Trichlorobenzene
 Concen: 1.714 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC

Tgt Ion:180 Resp: 4599
 Ion Ratio Lower Upper
 180 100
 182 91.1 48.4 145.0
 145 28.3 14.3 42.9

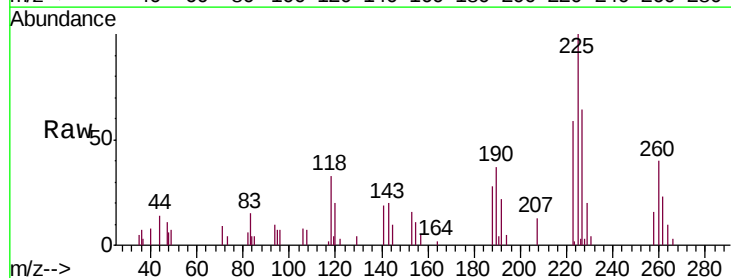


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

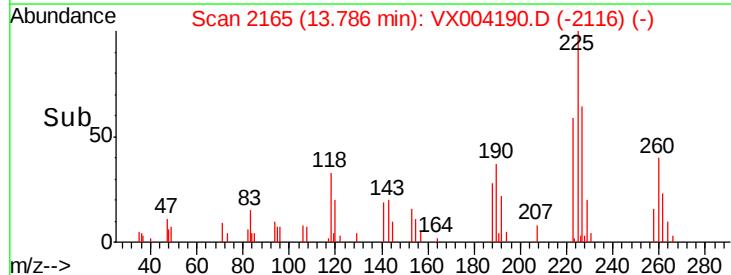
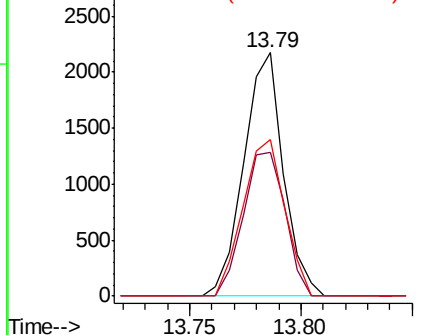


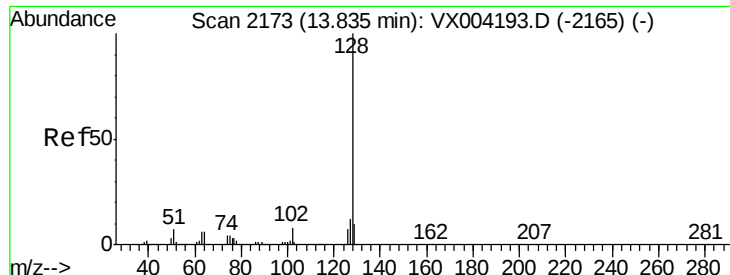
#94
 Hexachlorobutadiene
 Concen: 2.049 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004190.D
 Acq: 22 Aug 2018 10:22

Tgt Ion:225 Resp: 2699
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.1 90.5
 227 67.4 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: 1.390 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

Instrument :

MSVOA_X

ClientSampled :

VSTDICC

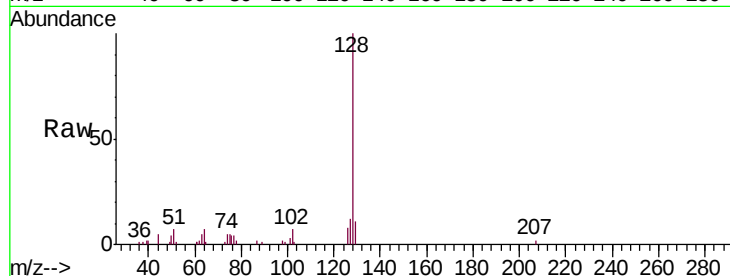
Tgt Ion:128 Resp: 10550

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

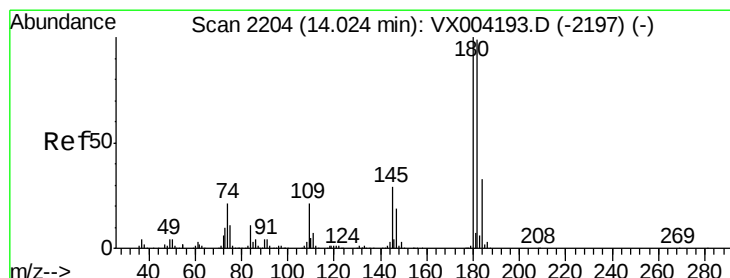
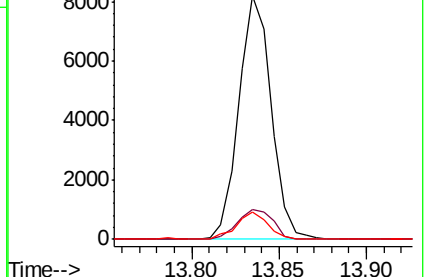
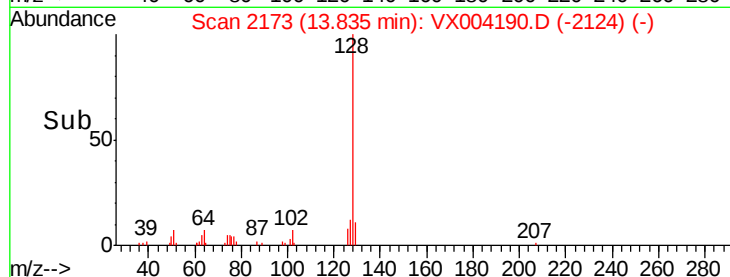
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.619 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX004190.D

Acq: 22 Aug 2018 10:22

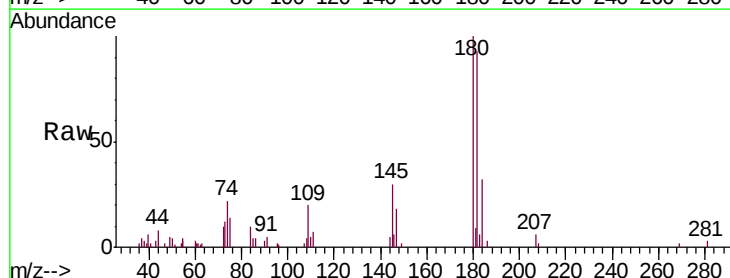
Tgt Ion:180 Resp: 4600

Ion Ratio Lower Upper

180 100

182 93.7 48.5 145.6

145 30.2 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

