

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
 Data File : VX010106.D
 Acq On : 07 Jun 2019 13:27
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 07 13:47:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:13:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	305400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470078	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	468071	162.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	324.46%	
35) Dibromofluoromethane	5.50	113	445826	156.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	313.58%	
50) Toluene-d8	8.72	98	1645843	152.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.42%	
62) 4-Bromofluorobenzene	11.13	95	618410	152.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	475576	156.832	ug/l	99
3) Chloromethane	1.32	50	409022	147.360	ug/l	99
4) Vinyl Chloride	1.41	62	434401	166.523	ug/l	99
5) Bromomethane	1.64	94	135515	139.225	ug/l	100
6) Chloroethane	1.70	64	108051	74.183	ug/l	96
7) Trichlorofluoromethane	1.92	101	592515	155.275	ug/l	100
8) Diethyl Ether	2.19	74	197225	155.706	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.37	101	405389	157.628	ug/l	92
10) Methyl Iodide	2.50	142	664667	156.669	ug/l	97
11) Tert butyl alcohol	3.07	59	543746	753.526	ug/l	99
12) 1,1-Dichloroethene	2.36	96	413486	155.924	ug/l #	81
13) Acrolein	2.30	56	107054	737.909	ug/l	99
14) Allyl chloride	2.72	41	625904	157.362	ug/l #	87
15) Acrylonitrile	3.15	53	1116131	762.731	ug/l	99
16) Acetone	2.45	43	1007385	747.279	ug/l #	89
17) Carbon Disulfide	2.56	76	1170558	156.789	ug/l	99
18) Methyl Acetate	2.78	43	464927	160.385	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	1335343	157.382	ug/l	94
20) Methylene Chloride	2.85	84	453591	155.414	ug/l #	79
21) trans-1,2-Dichloroethene	3.16	96	435953	152.101	ug/l #	80
22) Diisopropyl ether	3.86	45	1209073	154.938	ug/l #	81
23) Vinyl Acetate	3.82	43	5378386	764.756	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	725103	157.951	ug/l	96
25) 2-Butanone	4.68	43	1575883	763.868	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	650873	154.024	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	514508	157.351	ug/l	80
28) Bromochloromethane	5.02	49	324166	156.289	ug/l #	50
29) Tetrahydrofuran	5.13	42	987852	774.962	ug/l #	75
30) Chloroform	5.21	83	763643	157.099	ug/l	99
31) Cyclohexane	5.57	56	670479	156.485	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	701133	158.250	ug/l	94
36) 1,1-Dichloropropene	5.80	75	576811	157.081	ug/l	93
37) Ethyl Acetate	4.84	43	597601	154.594	ug/l #	92
38) Carbon Tetrachloride	5.78	117	637064	153.146	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX060719\
 Data File : VX010106.D
 Acq On : 07 Jun 2019 13:27
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 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 07 13:47:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:13:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	770251	154.962	ug/l #	85
40) Benzene	6.14	78	1766239	152.864	ug/l	99
41) Methacrylonitrile	5.05	41	320280	151.685	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	568715	154.863	ug/l	95
43) Isopropyl Acetate	6.45	43	987344	153.305	ug/l #	89
44) Trichloroethene	7.21	130	527130	154.620	ug/l	89
45) 1,2-Dichloropropane	7.51	63	444953	154.053	ug/l	99
46) Dibromomethane	7.66	93	325027	156.275	ug/l	93
47) Bromodichloromethane	7.90	83	631995	155.815	ug/l	99
48) Methyl methacrylate	7.77	41	470497	150.740	ug/l #	79
49) 1,4-Dioxane	7.74	88	249493	2906.649	ug/l #	81
51) 4-Methyl-2-Pentanone	8.65	43	2798810	695.730	ug/l	89
52) Toluene	8.79	92	1131929	151.129	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	727459	154.422	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	774086	154.933	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	472175	150.612	ug/l	97
56) Ethyl methacrylate	9.18	69	741010	147.542	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	737559	151.540	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	1682542	701.914	ug/l #	86
59) 2-Hexanone	9.49	43	2218931	697.060	ug/l	88
60) Dibromochloromethane	9.58	129	563755	152.058	ug/l	100
61) 1,2-Dibromoethane	9.67	107	521836	151.742	ug/l	100
64) Tetrachloroethene	9.33	164	445163	154.096	ug/l	99
65) Chlorobenzene	10.14	112	1256142	151.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	496294	155.679	ug/l	100
67) Ethyl Benzene	10.25	91	2137011	151.537	ug/l	94
68) m/p-Xylenes	10.36	106	1596673	292.540	ug/l	91
69) o-Xylene	10.70	106	791018	147.377	ug/l	90
70) Styrene	10.71	104	1364195	146.247	ug/l	96
71) Bromoform	10.86	173	459290	155.285	ug/l #	98
73) Isopropylbenzene	11.02	105	2104637	150.309	ug/l	95
74) N-amyl acetate	10.90	43	871751	156.037	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	721758	152.265	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	873356	220.628	ug/l	80
77) Bromobenzene	11.26	156	569965	148.818	ug/l	86
78) n-propylbenzene	11.36	91	2397680	152.453	ug/l	94
79) 2-Chlorotoluene	11.42	91	1416607	151.448	ug/l	92
80) 1,3,5-Trimethylbenzene	11.51	105	1725809	147.316	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	289136	156.670	ug/l	84
82) 4-Chlorotoluene	11.51	91	1597335	147.684	ug/l	94
83) tert-Butylbenzene	11.77	119	1800117	151.918	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	1803304	151.874	ug/l	97
85) sec-Butylbenzene	11.94	105	2101533	151.631	ug/l	96
86) p-Isopropyltoluene	12.06	119	1925472	150.984	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	1038354	153.430	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1032126	154.843	ug/l	98
89) n-Butylbenzene	12.38	91	1679097	151.957	ug/l	97
90) Hexachloroethane	12.60	117	394213	156.553	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	972938	148.489	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	179792	165.236	ug/l	73

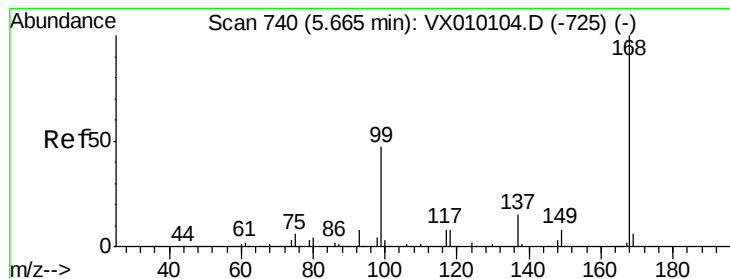
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060719\
Data File : VX010106.D
Acq On : 07 Jun 2019 13:27
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Jun 07 13:47:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 07 13:13:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	749508	160.296	ug/l	99
94) Hexachlorobutadiene	13.78	225	316682	152.273	ug/l	98
95) Naphthalene	13.83	128	2385358	158.161	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	743847	160.512	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

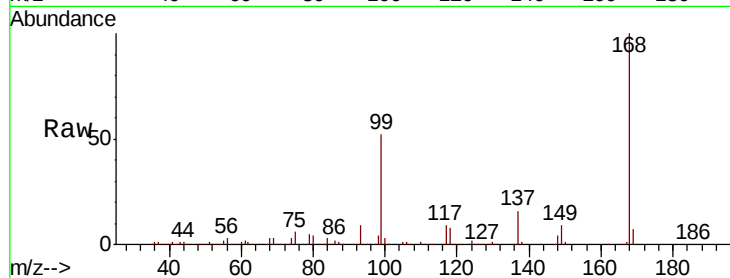
VSTDIC150

Tgt Ion:168 Resp: 305400

Ion Ratio Lower Upper

168 100

99 51.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX010106.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX010106.D (-691) (-)

150000

100000

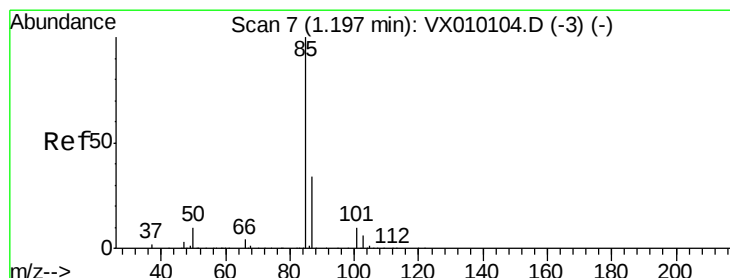
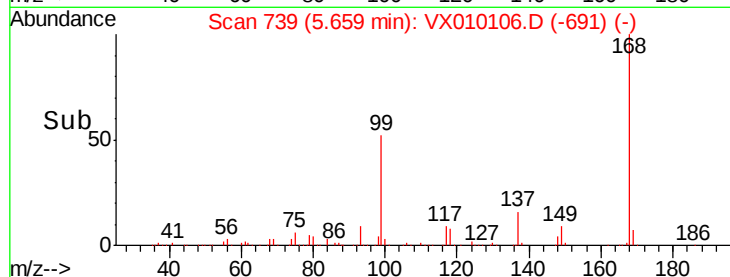
50000

0

5.50 5.60 5.70 5.80

5.66

Time-->



#2

Dichlorodifluoromethane

Concen: 156.832 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010106.D

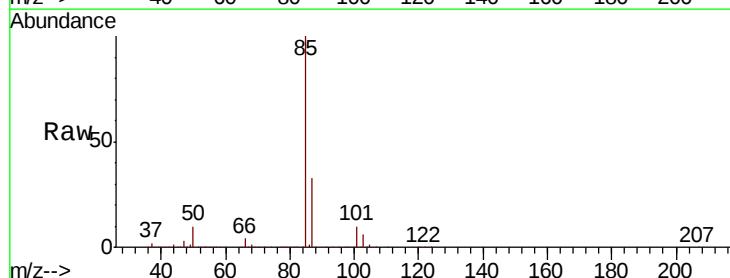
Acq: 07 Jun 2019 13:27

Tgt Ion: 85 Resp: 475576

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX010106.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX010106.D (-1) (-)

500000

400000

300000

200000

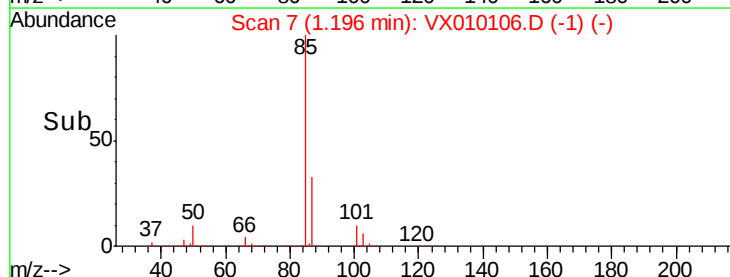
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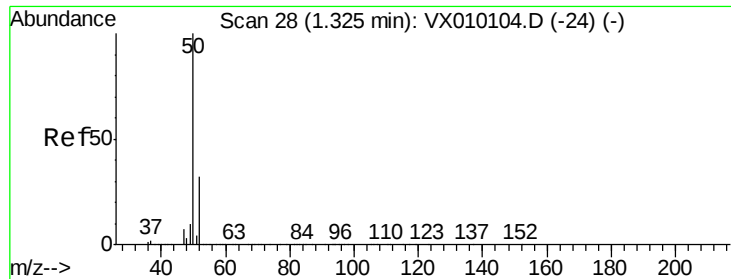
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1.15 1.20 1.25 1.30

1.20

Time-->





#3

Chloromethane

Concen: 147.360 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

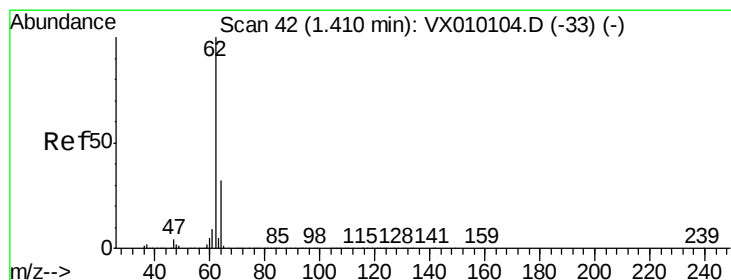
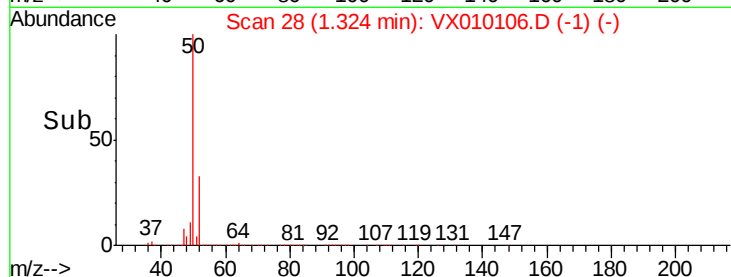
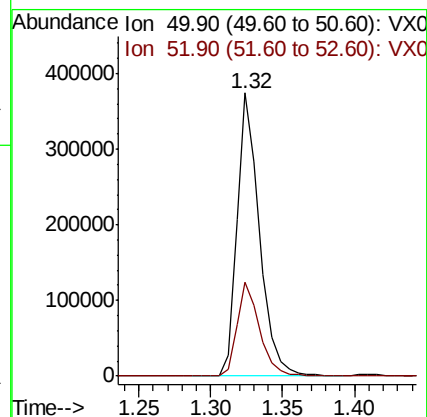
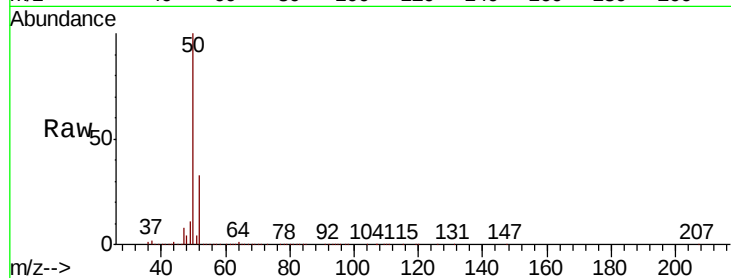
VSTDIC150

Tgt Ion: 50 Resp: 409022

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



#4

Vinyl Chloride

Concen: 166.523 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010106.D

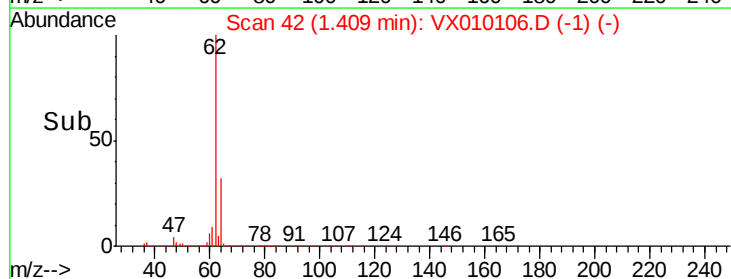
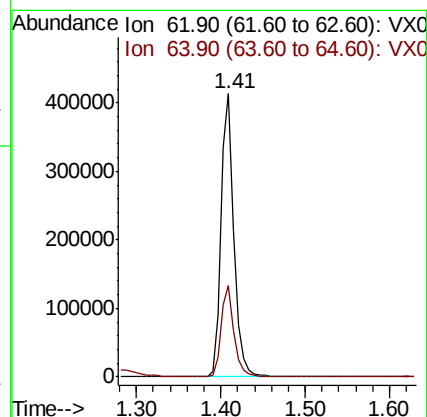
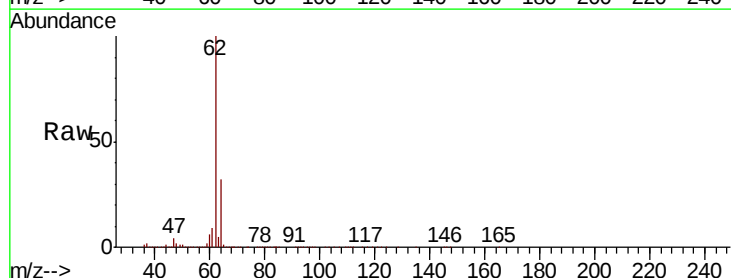
Acq: 07 Jun 2019 13:27

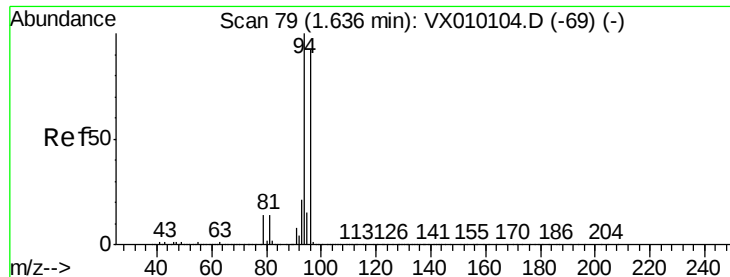
Tgt Ion: 62 Resp: 434401

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 139.225 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

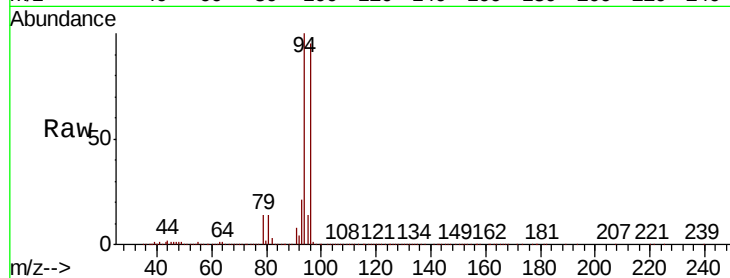
VSTDIC150

Tgt Ion: 94 Resp: 135515

Ion Ratio Lower Upper

94 100

96 95.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

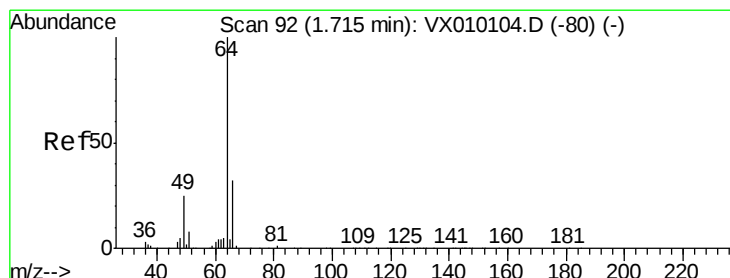
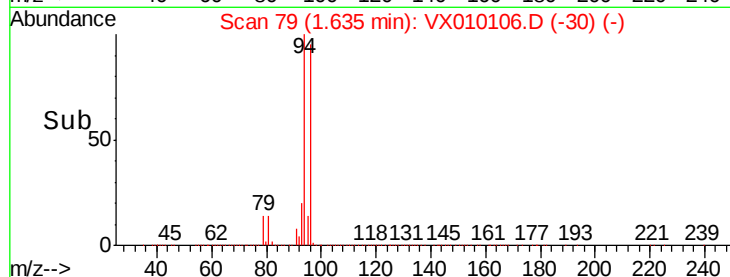
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 74.183 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX010106.D

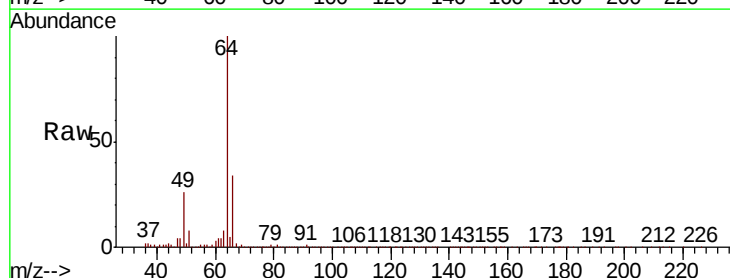
Acq: 07 Jun 2019 13:27

Tgt Ion: 64 Resp: 108051

Ion Ratio Lower Upper

64 100

66 33.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

100000

80000

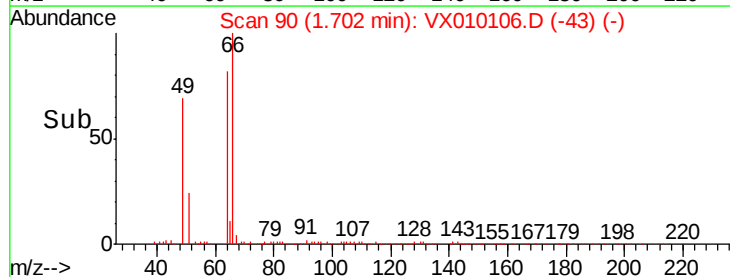
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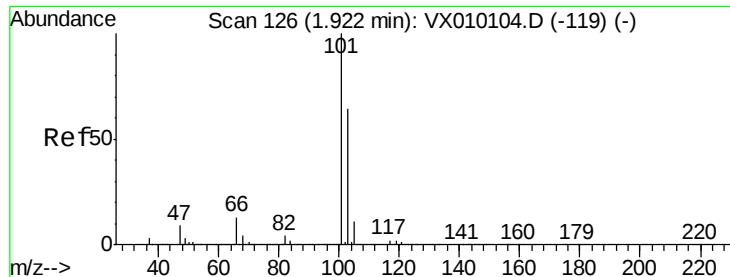
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20000

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Time-->



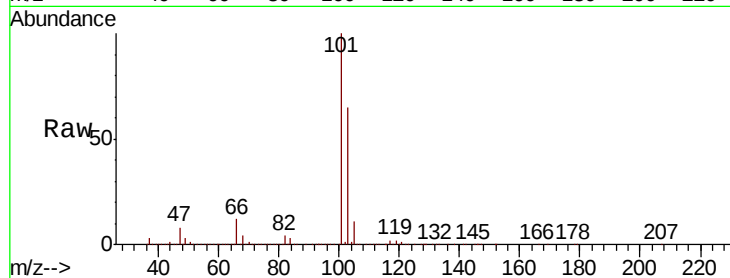


#7

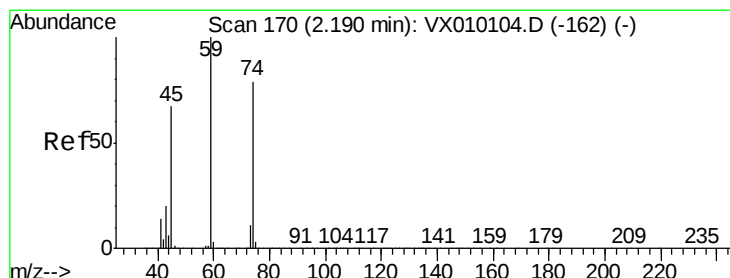
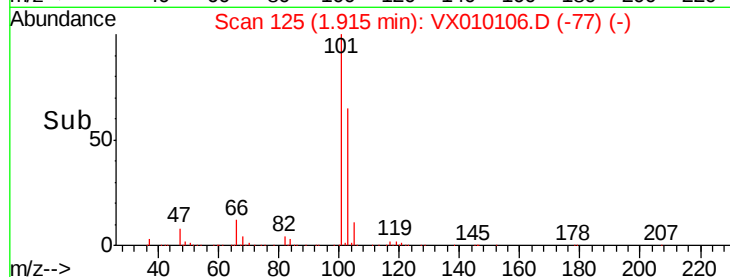
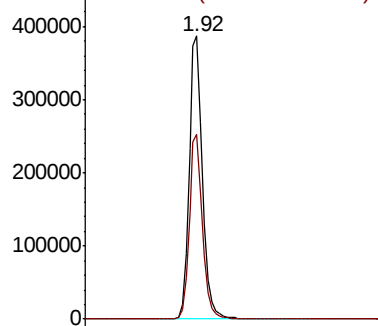
Trichlorofluoromethane
Concen: 155.275 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 101 Resp: 592515
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4



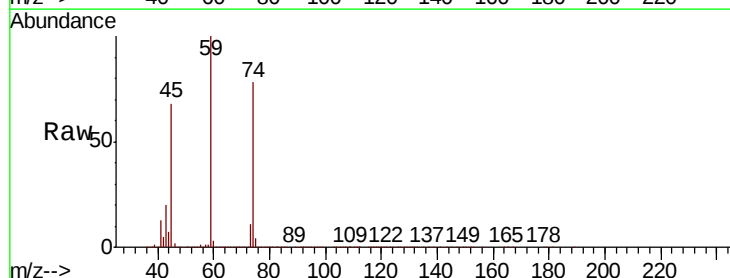
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



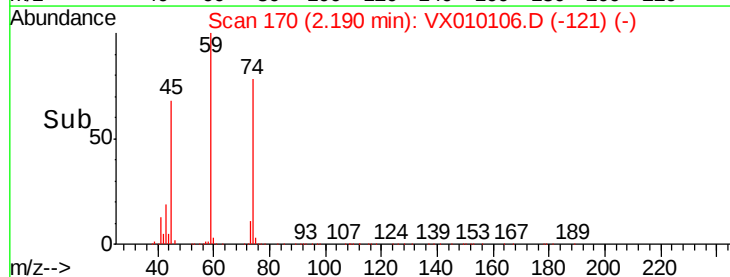
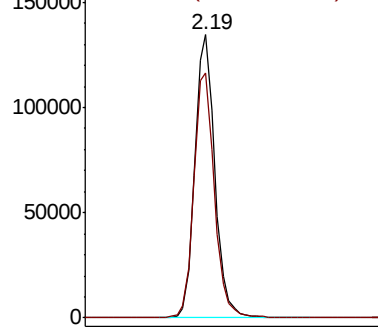
#8

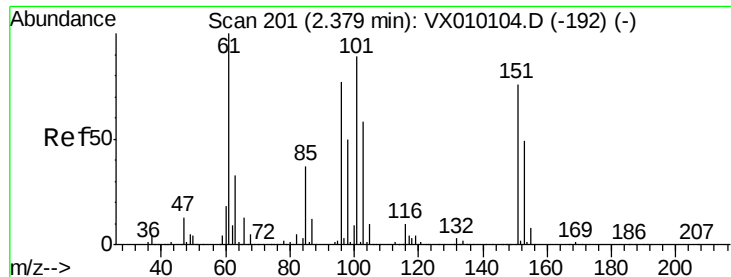
Diethyl Ether
Concen: 155.706 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion: 74 Resp: 197225
Ion Ratio Lower Upper
74 100
45 88.7 56.1 168.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 157.628 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

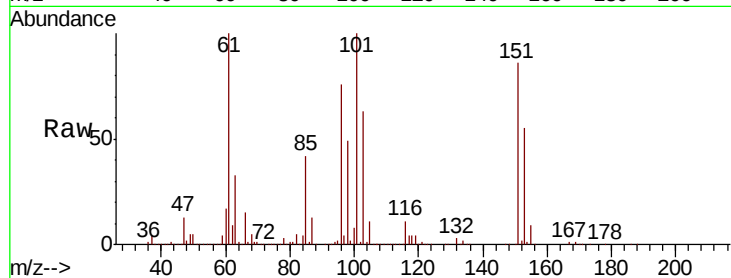
Tgt Ion:101 Resp: 405389

Ion Ratio Lower Upper

101 100

85 41.6 35.2 52.8

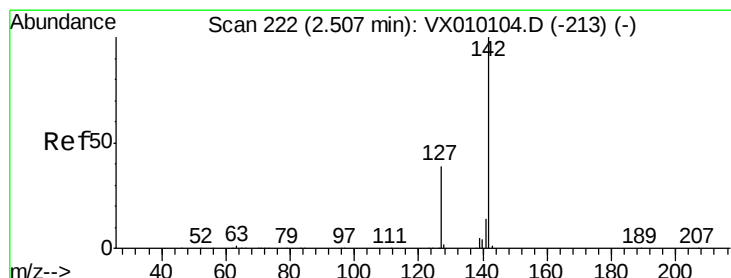
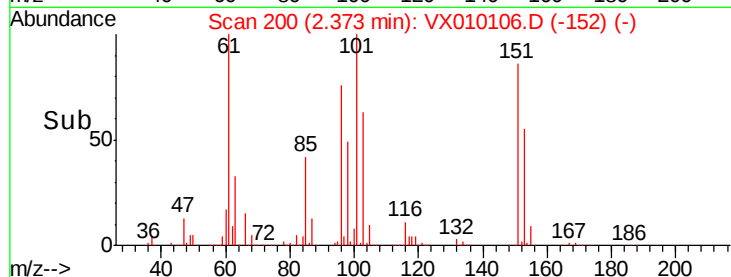
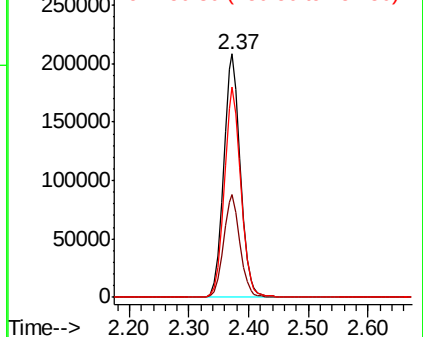
151 86.1 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 156.669 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

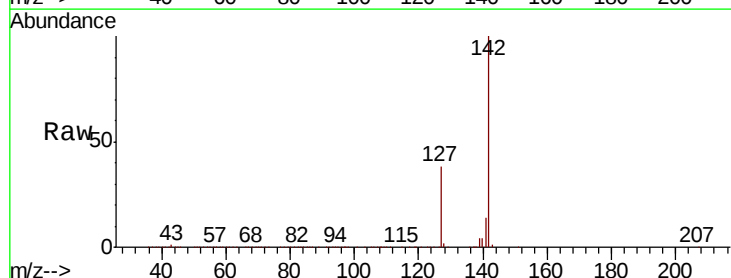
Tgt Ion:142 Resp: 664667

Ion Ratio Lower Upper

142 100

127 38.7 33.0 49.4

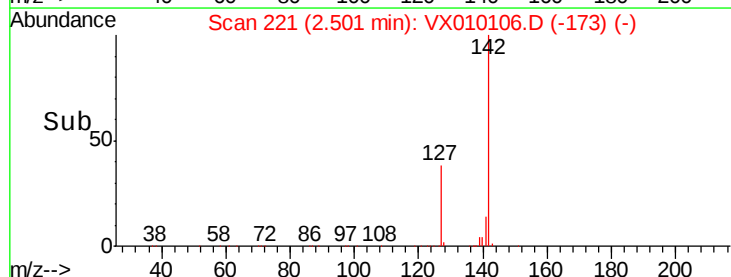
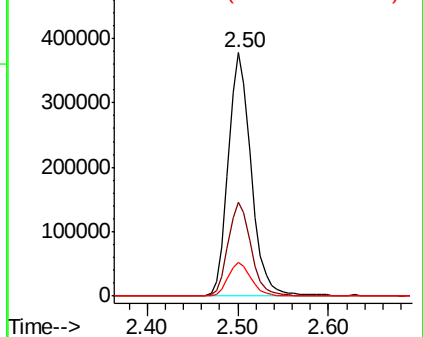
141 14.1 11.4 17.0

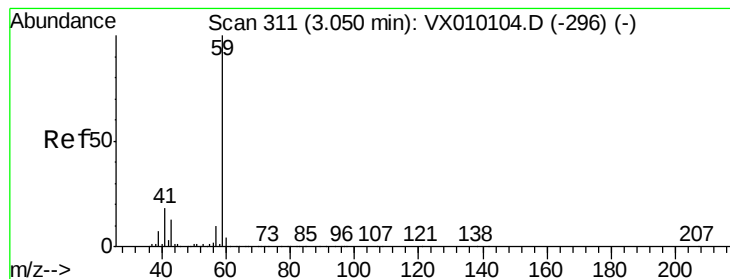


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



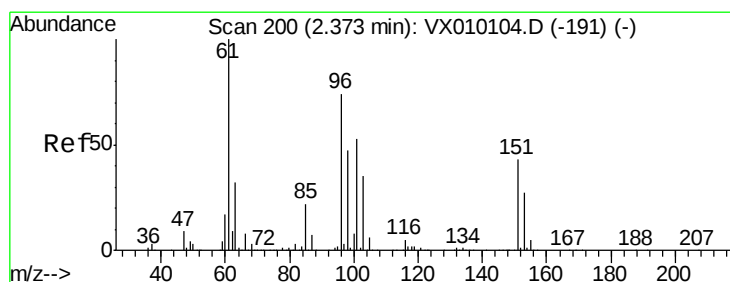
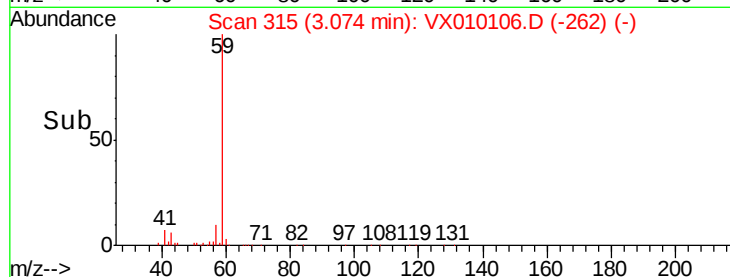
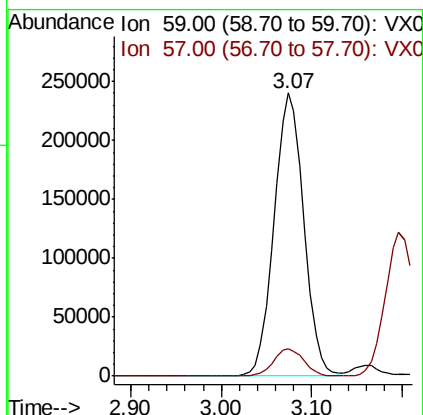
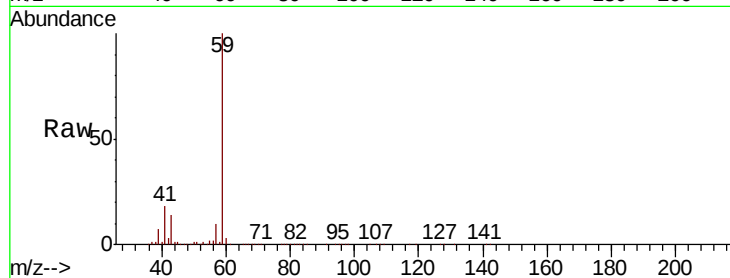


#11

Tert butyl alcohol
Concen: 753.526 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.02 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

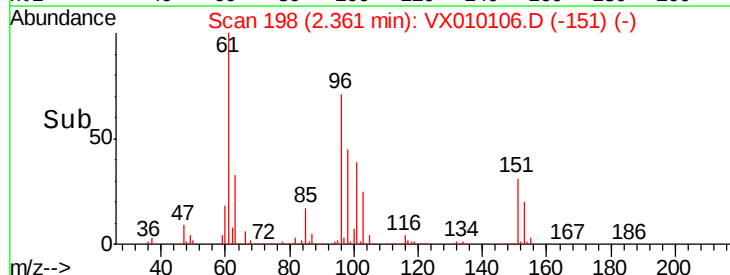
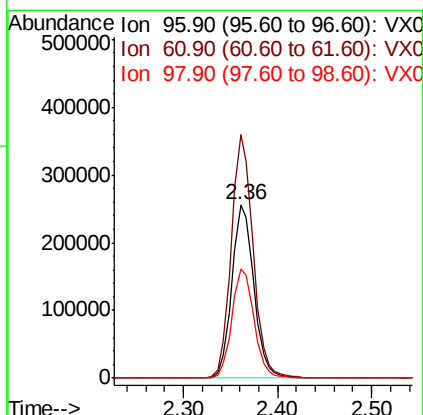
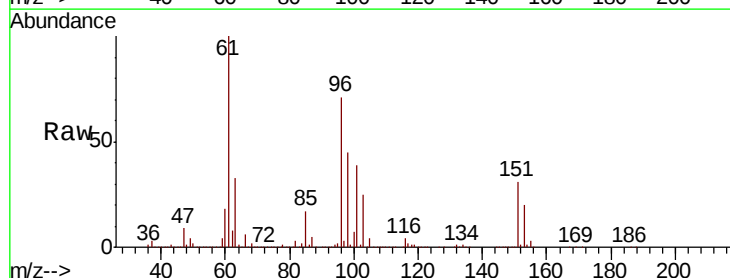
Tgt Ion: 59 Resp: 543746
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

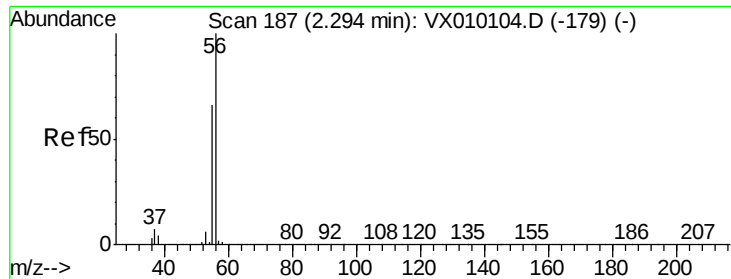


#12

1,1-Dichloroethene
Concen: 155.924 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion: 96 Resp: 413486
Ion Ratio Lower Upper
96 100
61 140.5 140.7 211.1#
98 63.2 50.1 75.1





#13

Acrolein

Concen: 737.909 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

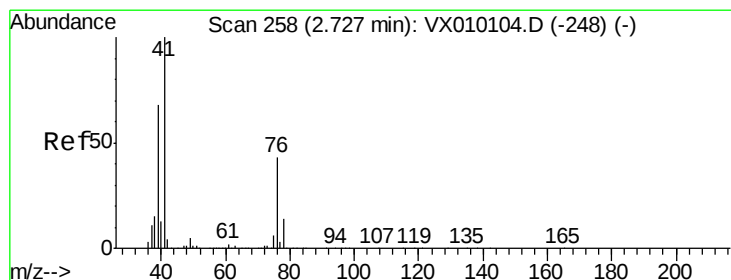
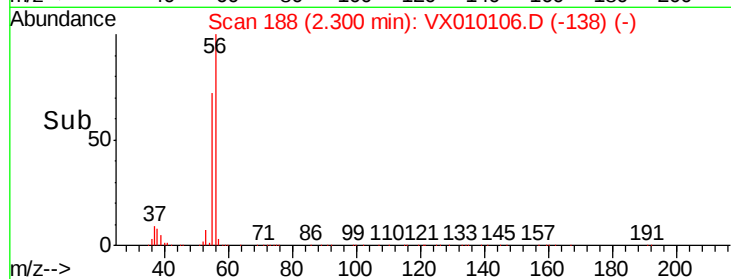
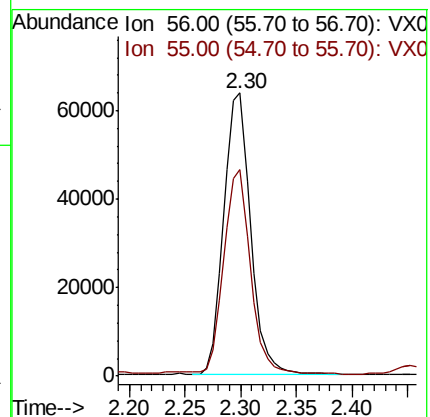
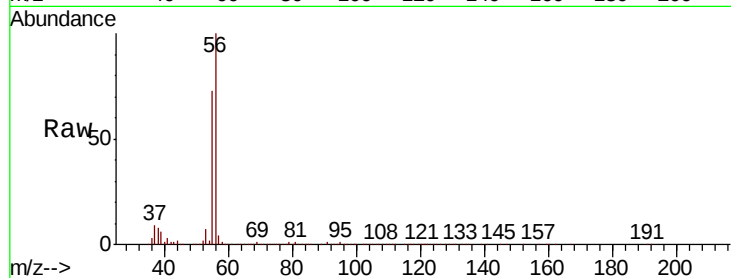
VSTDIC150

Tgt Ion: 56 Resp: 107054

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 157.362 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

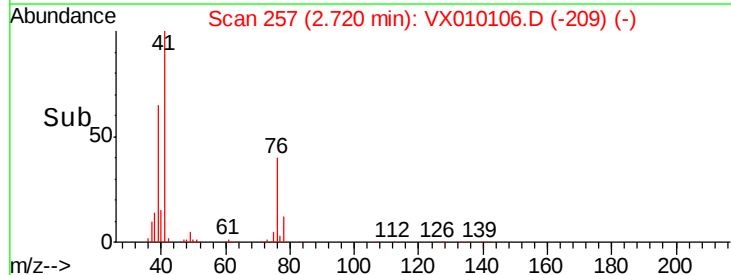
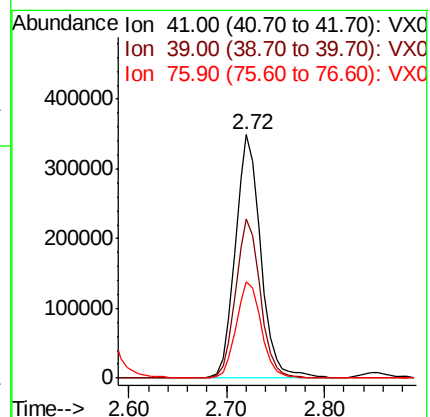
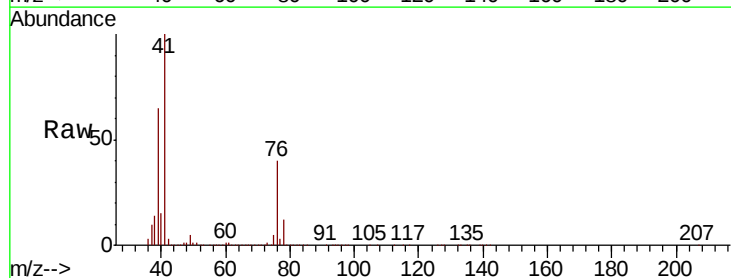
Tgt Ion: 41 Resp: 625904

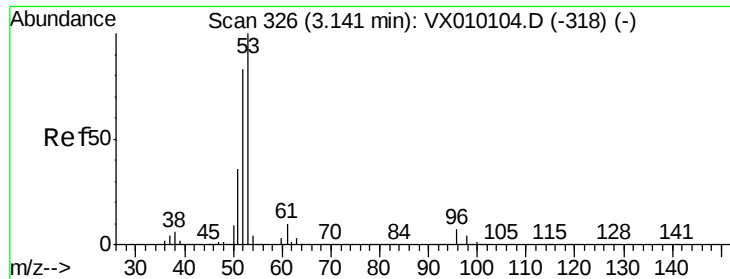
Ion Ratio Lower Upper

41 100

39 63.9 46.7 70.1

76 39.6 21.0 31.4#





#15

Acrylonitrile

Concen: 762.731 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

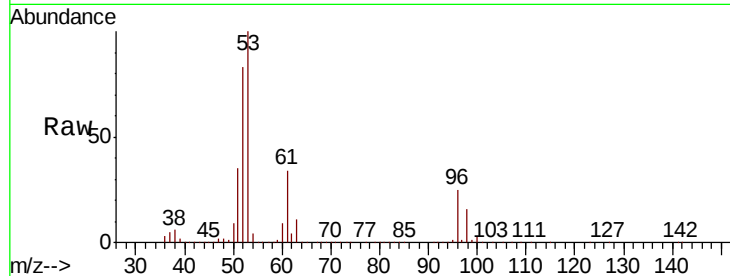
Tgt Ion: 53 Resp: 1116131

Ion Ratio Lower Upper

53 100

52 82.1 66.7 100.1

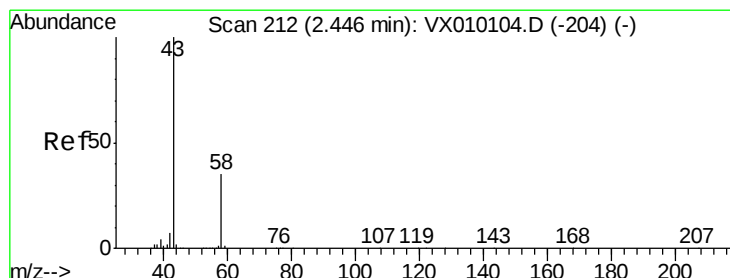
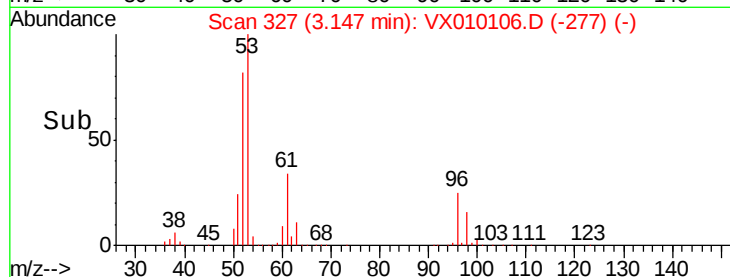
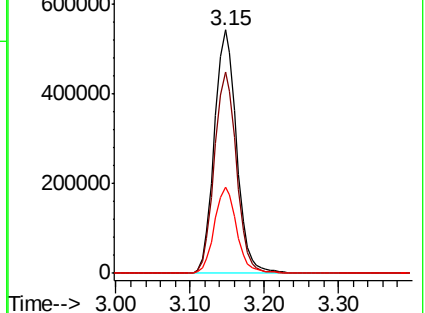
51 35.2 28.8 43.2



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: 747.279 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010106.D

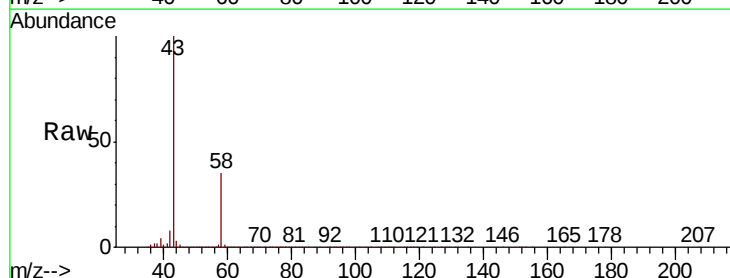
Acq: 07 Jun 2019 13:27

Tgt Ion: 43 Resp: 1007385

Ion Ratio Lower Upper

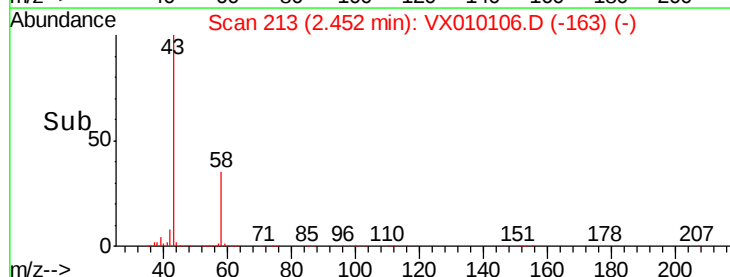
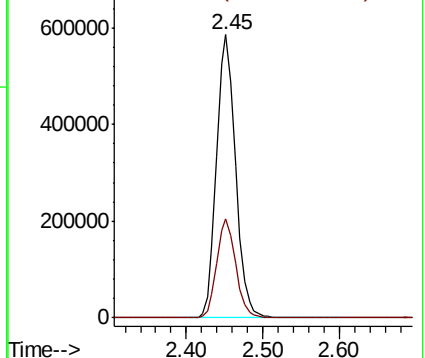
43 100

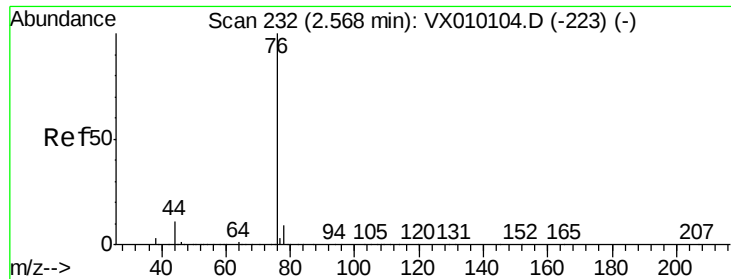
58 35.0 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 156.789 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

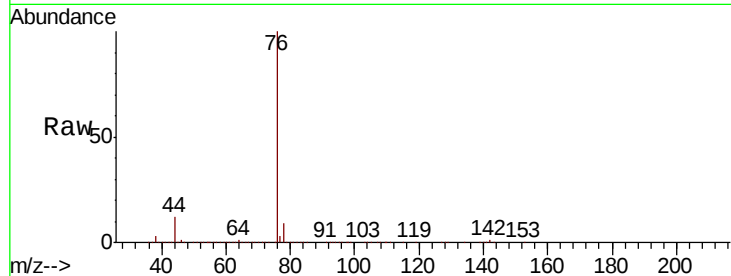
VSTDIC150

Tgt Ion: 76 Resp: 1170558

Ion Ratio Lower Upper

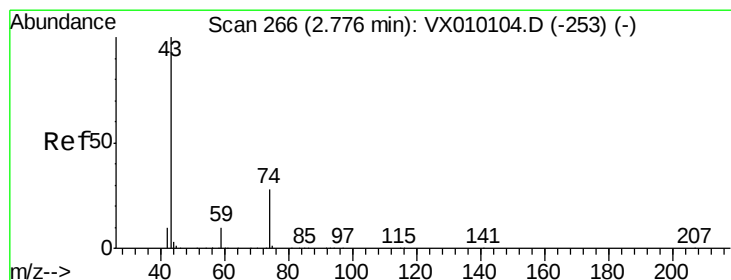
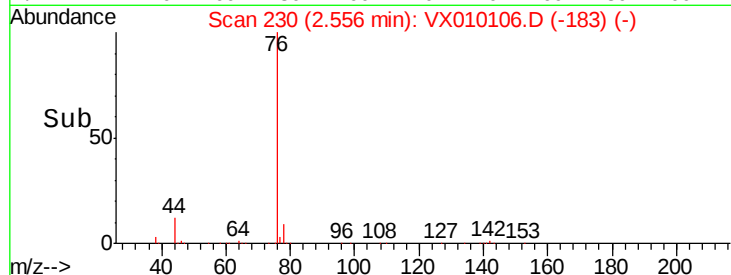
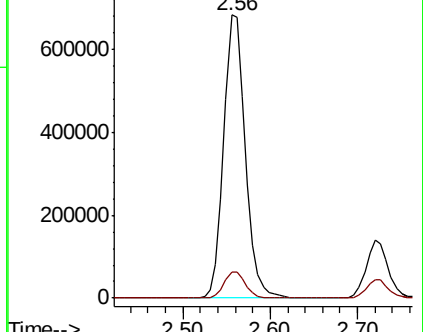
76 100

78 9.1 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: 160.385 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010106.D

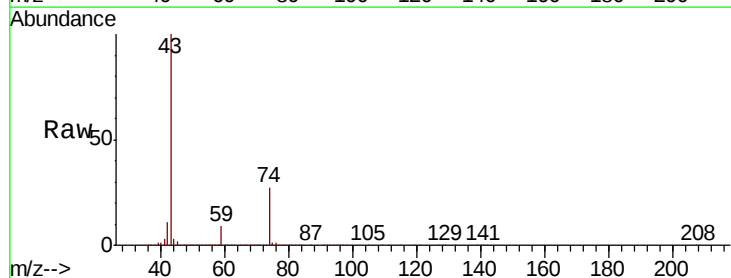
Acq: 07 Jun 2019 13:27

Tgt Ion: 43 Resp: 464927

Ion Ratio Lower Upper

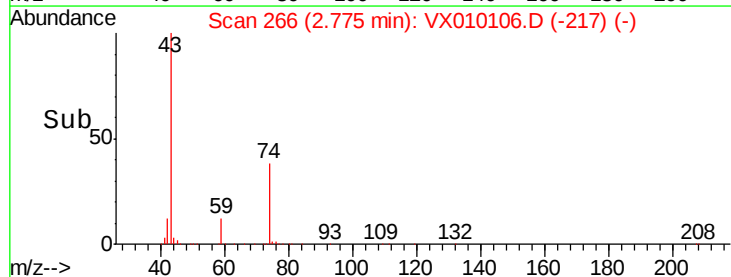
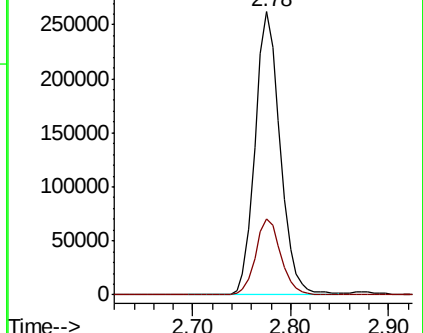
43 100

74 27.1 15.8 23.6#



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: 157.382 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

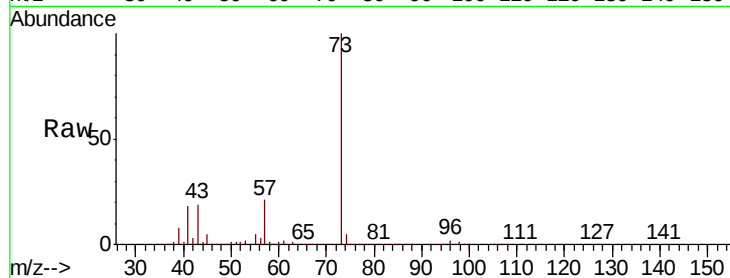
VSTDIC150

Tgt Ion: 73 Resp: 1335343

Ion Ratio Lower Upper

73 100

57 21.4 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

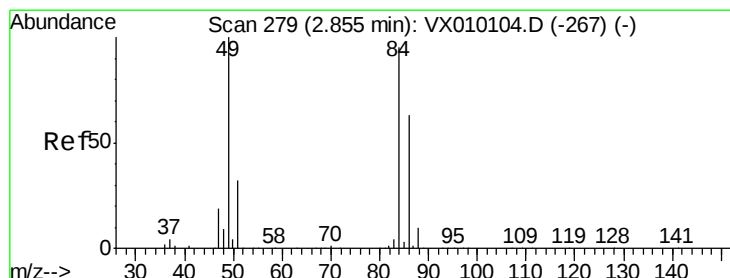
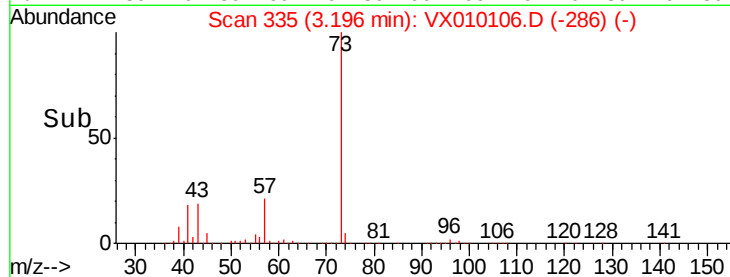
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 155.414 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tgt Ion: 84 Resp: 453591

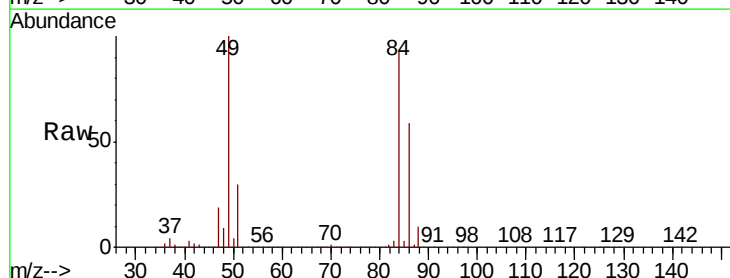
Ion Ratio Lower Upper

84 100

49 107.1 115.8 173.6#

51 32.2 34.4 51.6#

86 63.7 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

400000

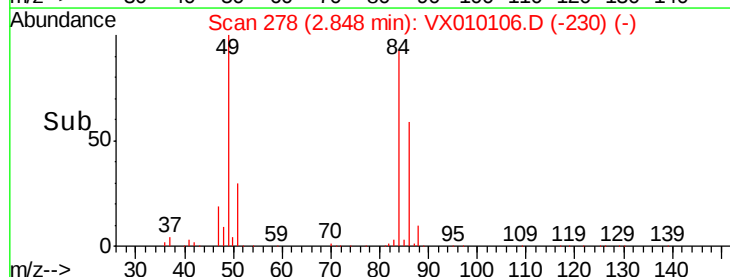
300000

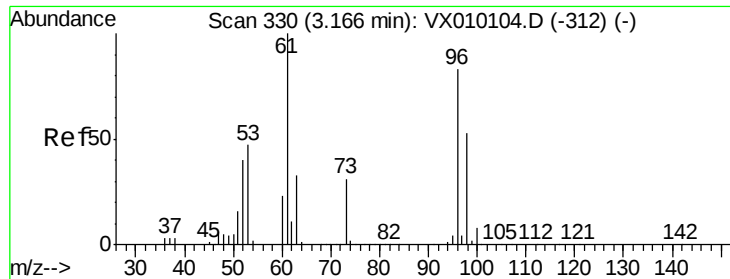
200000

100000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 152.101 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

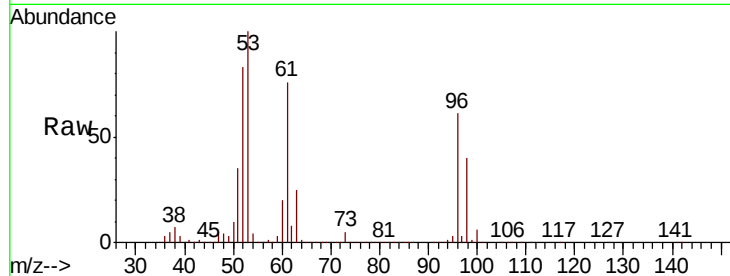
Tgt Ion: 96 Resp: 435953

Ion Ratio Lower Upper

96 100

61 124.3 125.7 188.5#

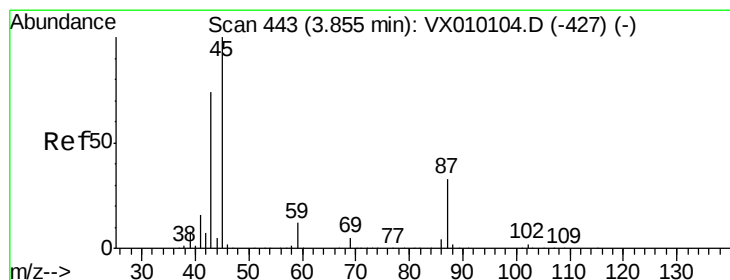
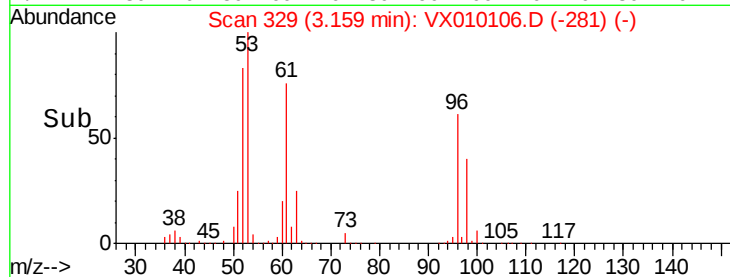
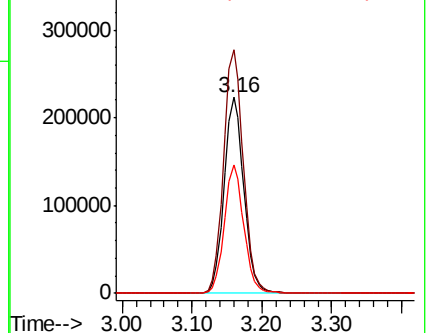
98 65.3 49.0 73.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 154.938 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tgt Ion: 45 Resp: 1209073

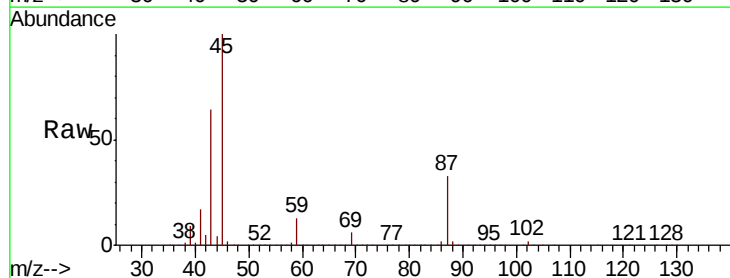
Ion Ratio Lower Upper

45 100

43 64.3 65.0 97.4#

87 33.3 17.3 25.9#

59 12.7 8.1 12.1#

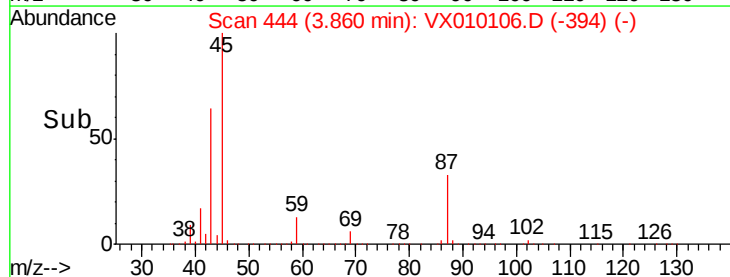
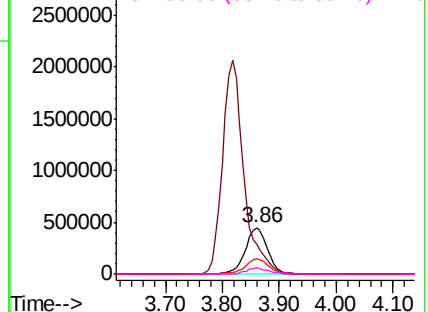


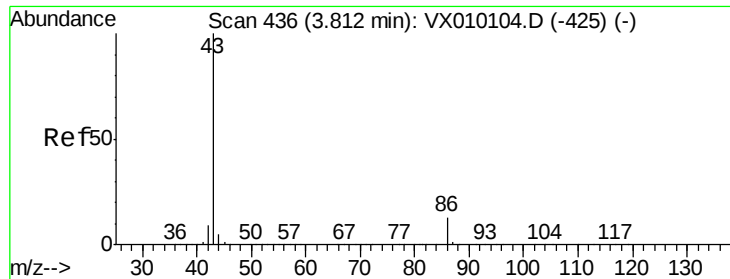
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 764.756 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

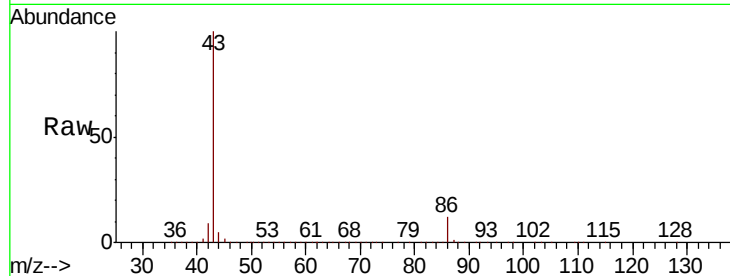
VSTDIC150

Tgt Ion: 43 Resp: 5378386

Ion Ratio Lower Upper

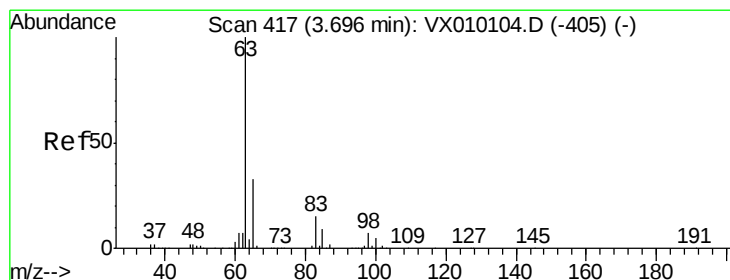
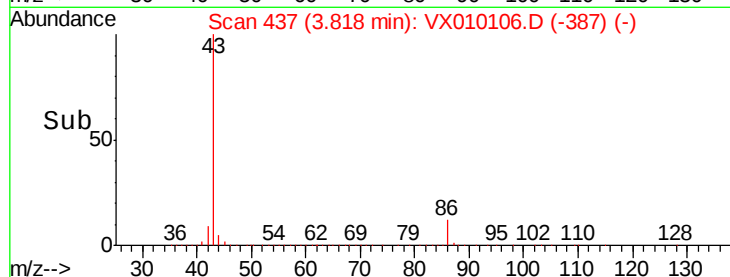
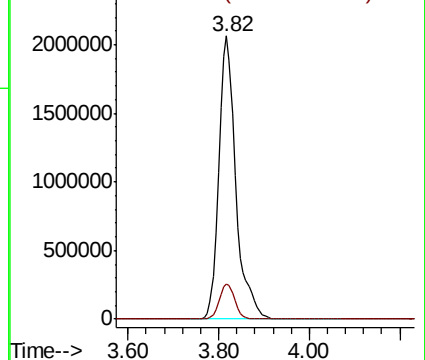
43 100

86 12.4 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 157.951 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

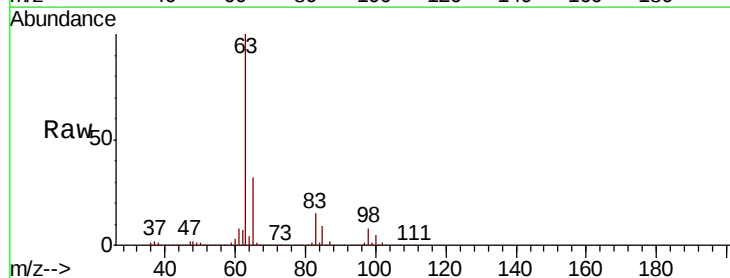
Tgt Ion: 63 Resp: 725103

Ion Ratio Lower Upper

63 100

98 7.6 2.9 8.8

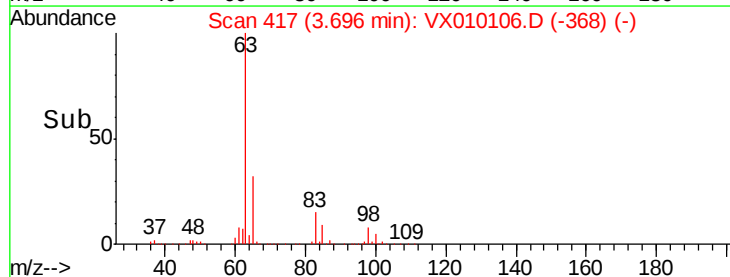
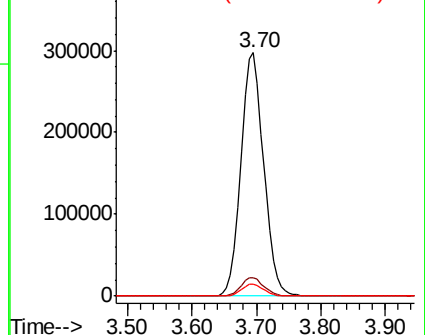
100 4.7 1.8 5.4

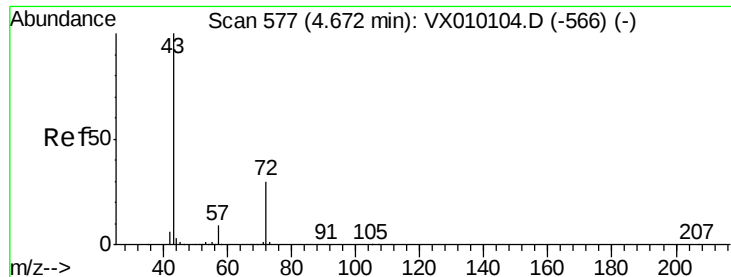


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 763.868 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

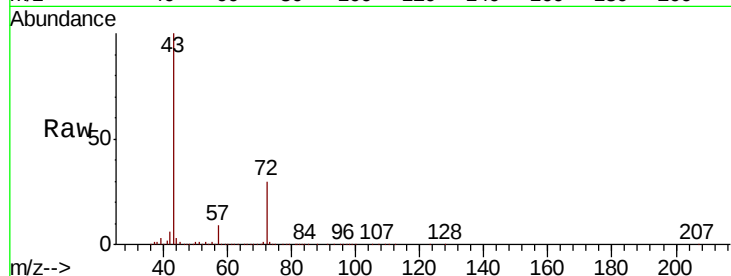
VSTDIC150

Tgt Ion: 43 Resp: 1575883

Ion Ratio Lower Upper

43 100

72 30.4 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

600000

500000

400000

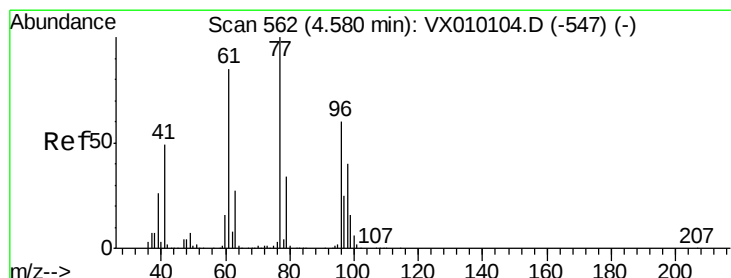
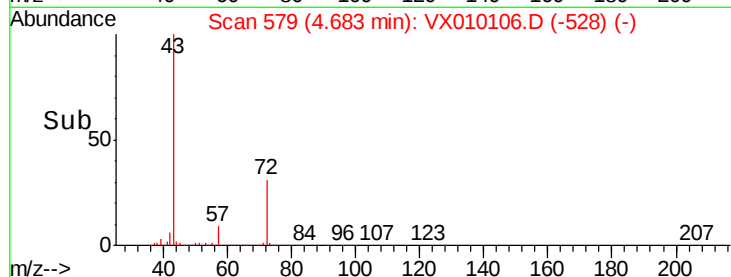
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 154.024 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010106.D

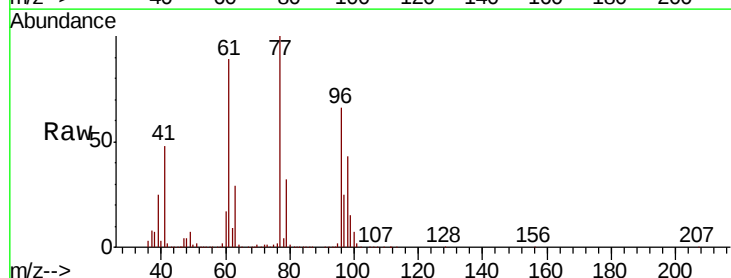
Acq: 07 Jun 2019 13:27

Tgt Ion: 77 Resp: 650873

Ion Ratio Lower Upper

77 100

97 25.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

200000

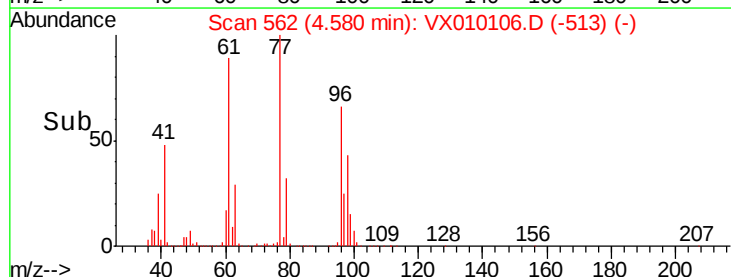
150000

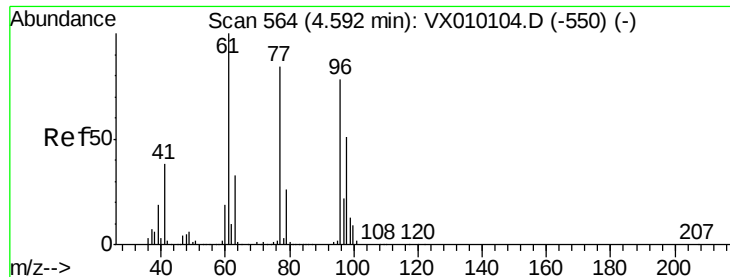
100000

50000

0

Time-->



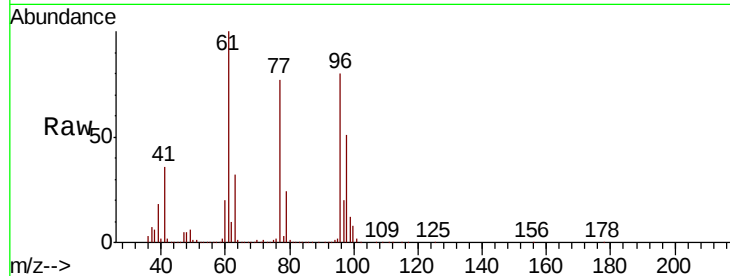


#27

cis-1,2-Dichloroethene
Concen: 157.351 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Resp	Lower	Upper
96	514508		
Ion Ratio			
96	100		
61	129.4	0.0	334.0
98	64.8	0.0	131.6

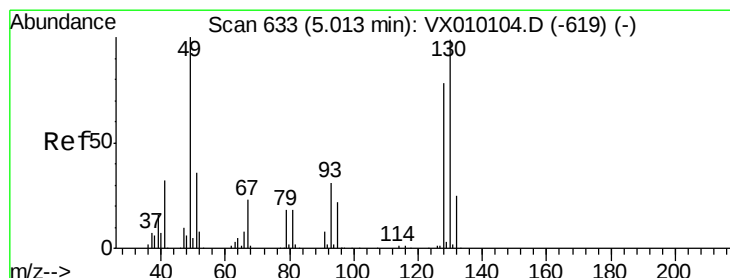
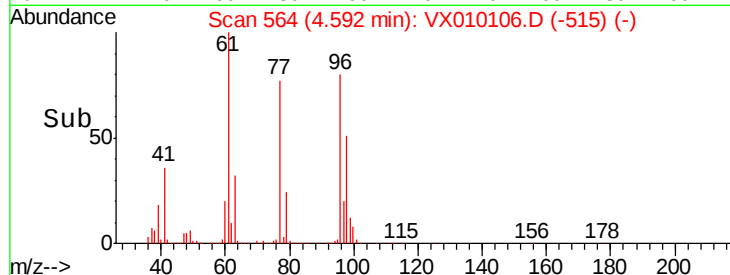
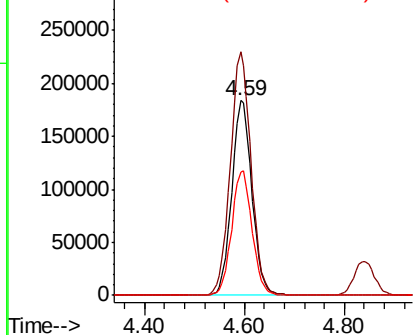


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

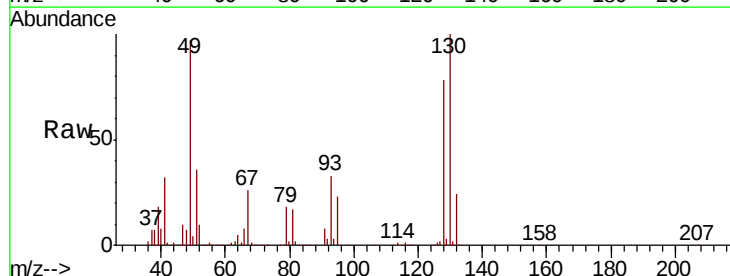
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 156.289 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion	Resp	Lower	Upper
49	324166		
Ion Ratio			
49	100		
129	2.6	0.0	3.4
130	101.1	49.4	74.2#

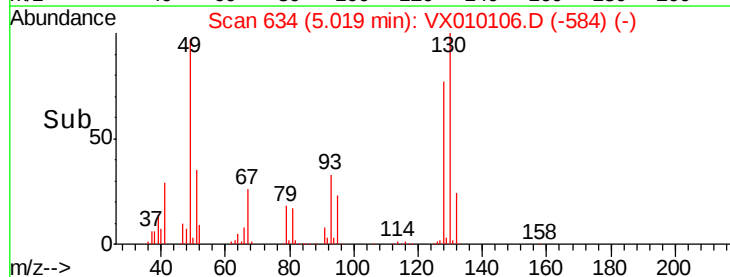
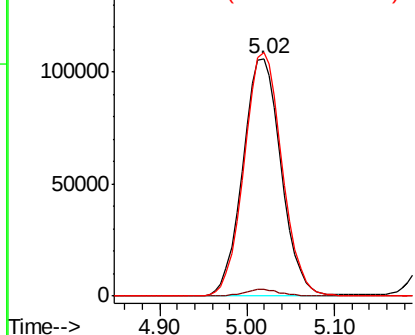


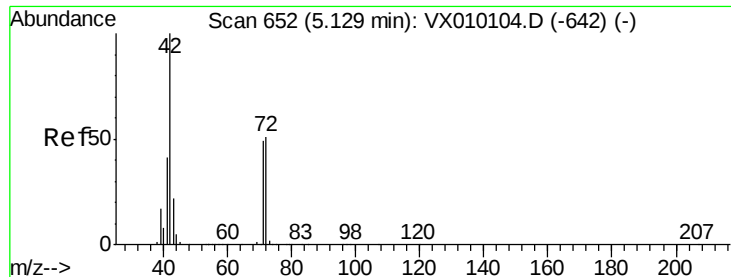
Abundance

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: 774.962 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

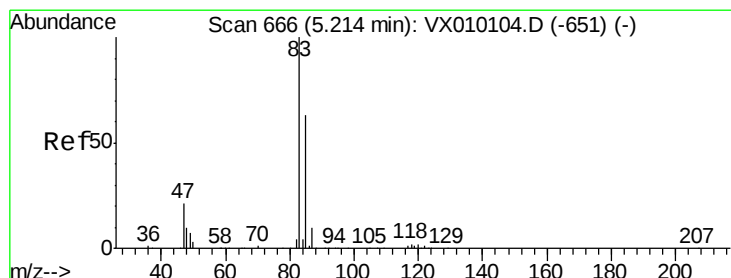
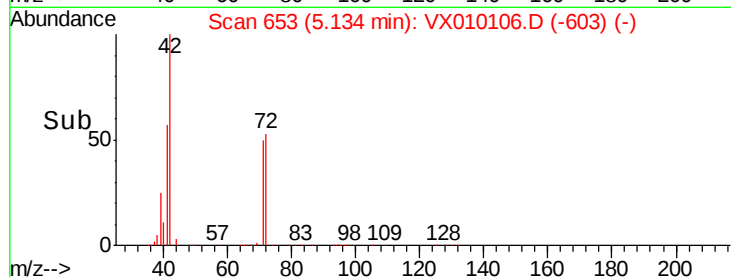
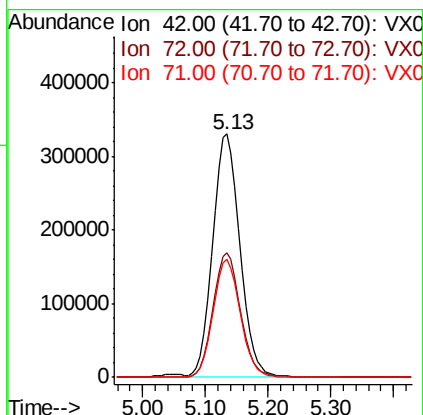
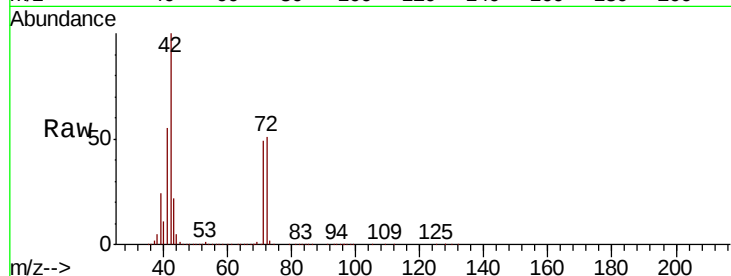
Tgt Ion: 42 Resp: 987852

Ion Ratio Lower Upper

42 100

72 51.9 29.2 43.8#

71 48.4 27.6 41.4#



#30

Chloroform

Concen: 157.099 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010106.D

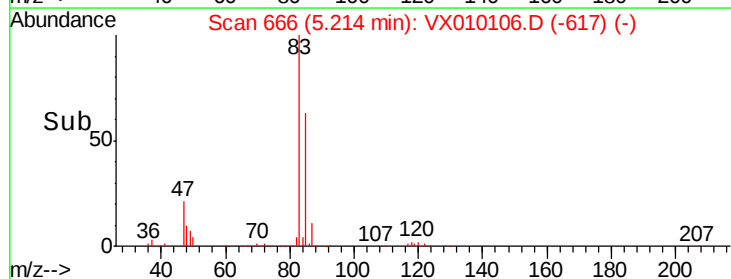
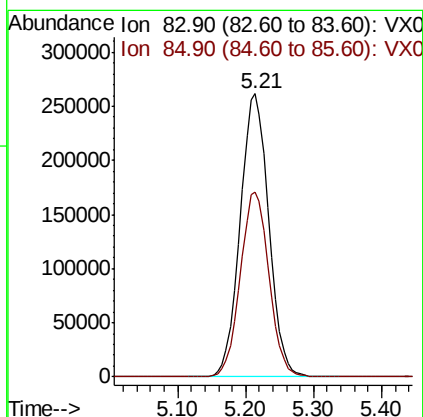
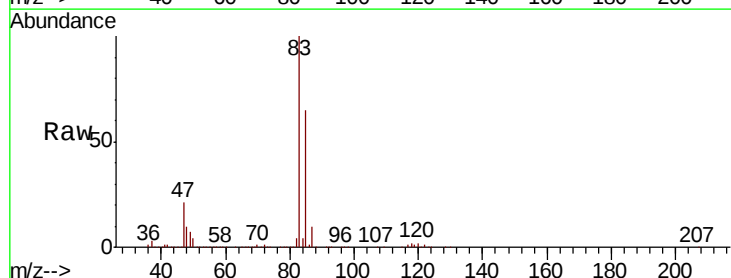
Acq: 07 Jun 2019 13:27

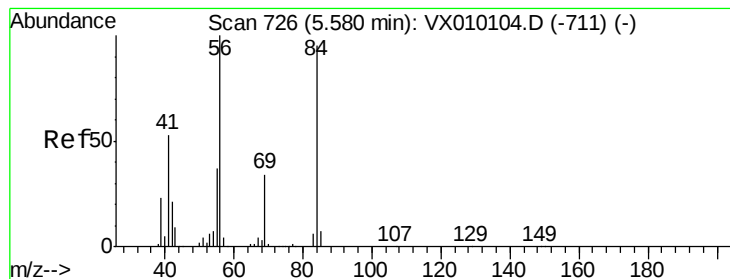
Tgt Ion: 83 Resp: 763643

Ion Ratio Lower Upper

83 100

85 65.1 52.6 78.8





#31

Cyclohexane

Concen: 156.485 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

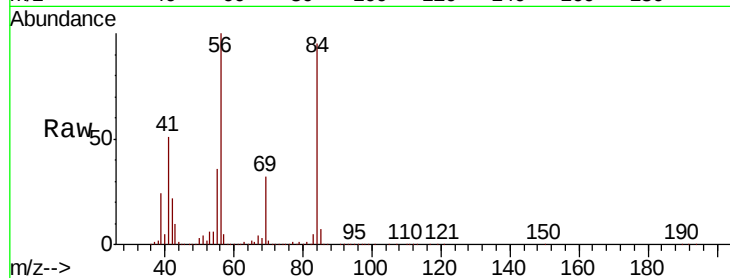
Tgt Ion: 56 Resp: 670479

Ion Ratio Lower Upper

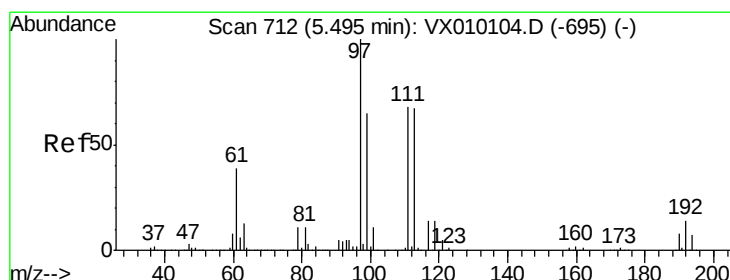
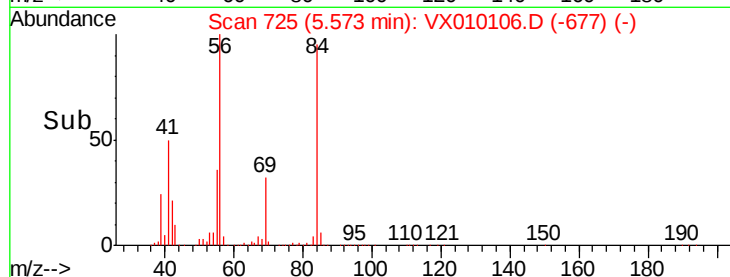
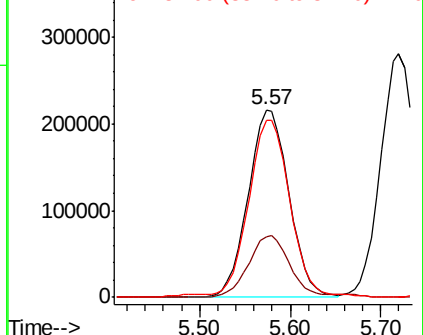
56 100

69 32.3 21.6 32.4

84 93.0 56.8 85.2#



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: 158.250 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

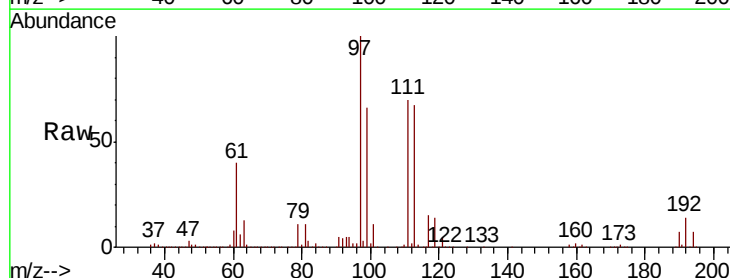
Tgt Ion: 97 Resp: 701133

Ion Ratio Lower Upper

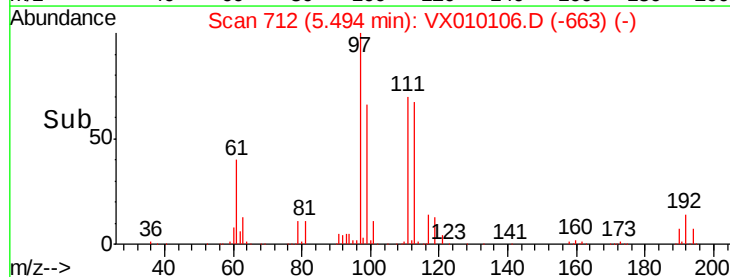
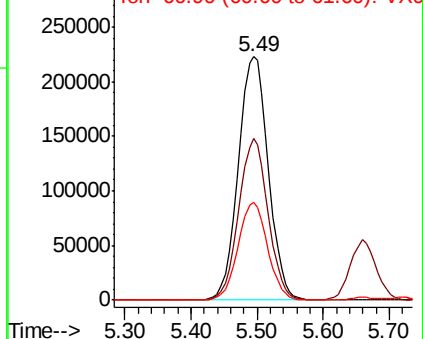
97 100

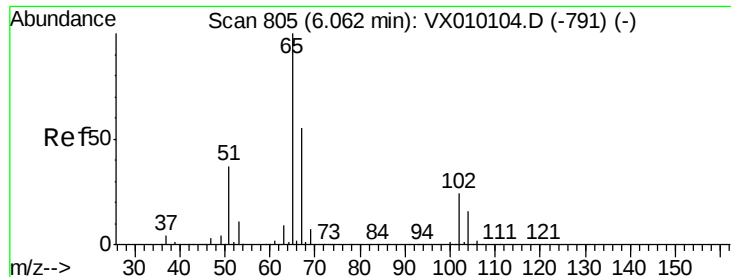
99 64.8 51.0 76.4

61 39.8 38.7 58.1



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

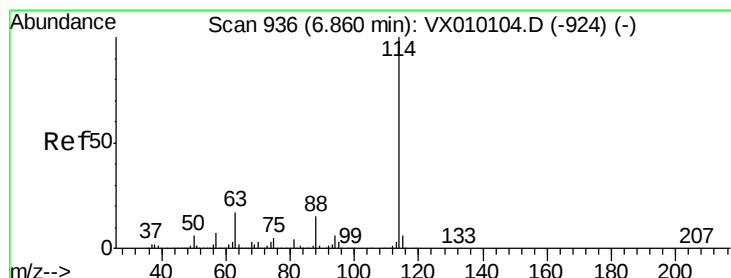
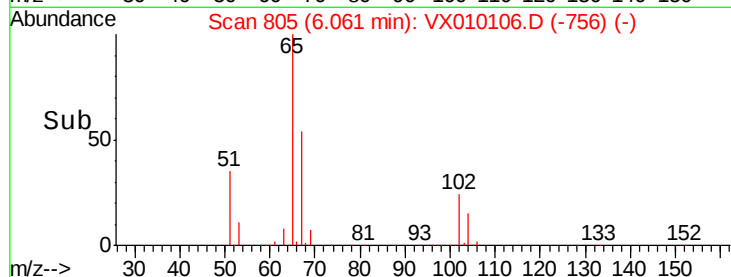
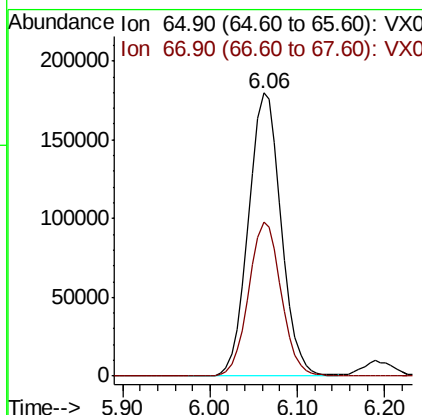
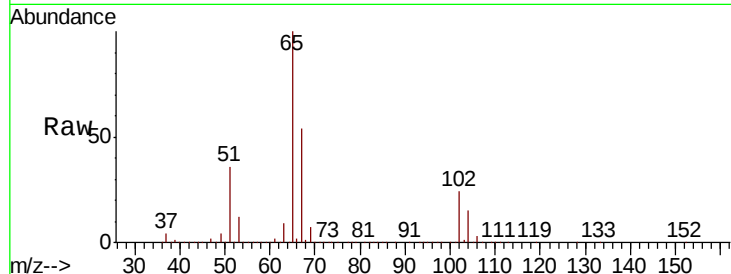




#33
 1,2-Dichloroethane-d4
 Concen: 162.231 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

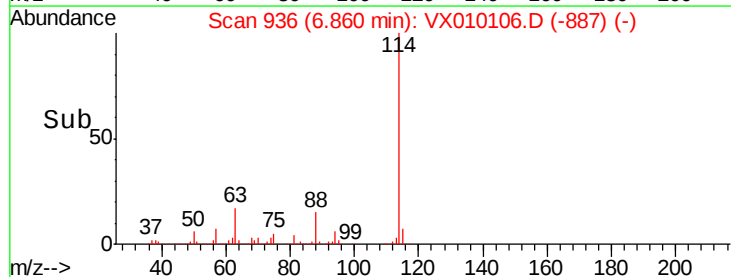
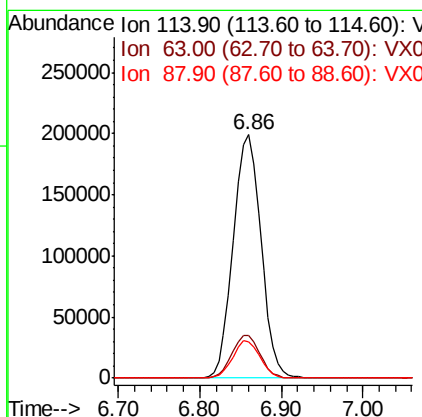
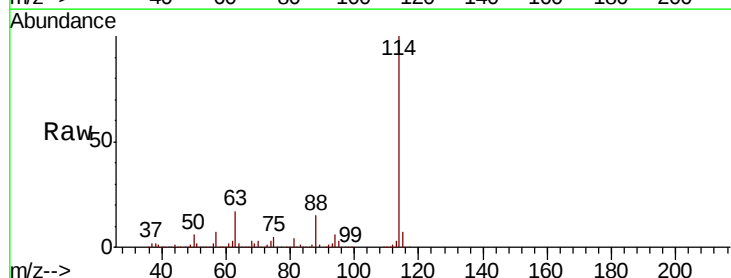
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

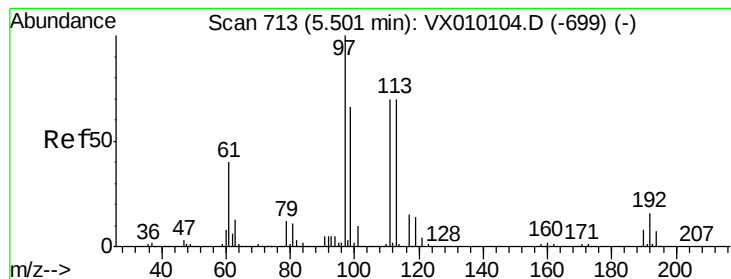
Tgt Ion: 65 Resp: 468071
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion: 114 Resp: 470078
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 47.4
 88 15.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 156.795 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

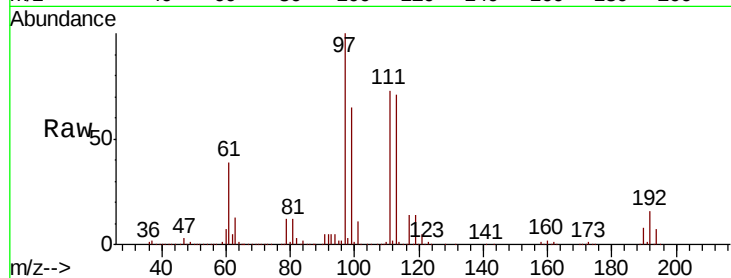
Tgt Ion:113 Resp: 445826

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

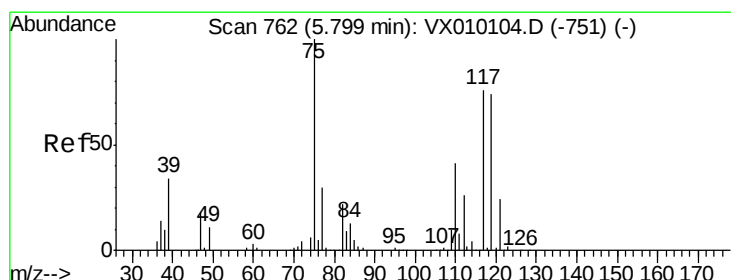
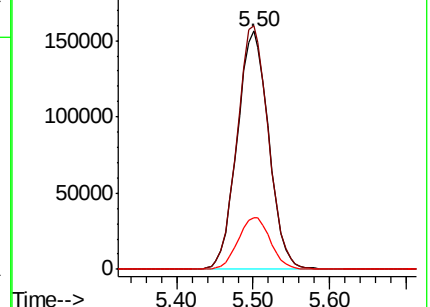
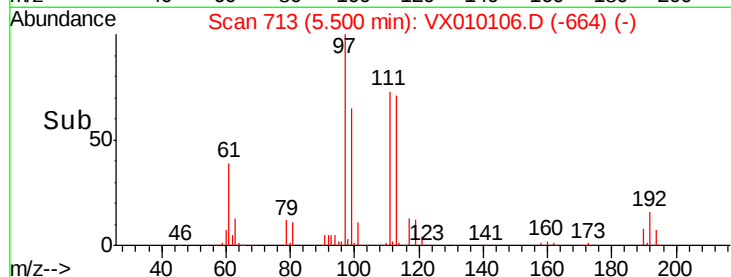
192 22.3 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 157.081 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

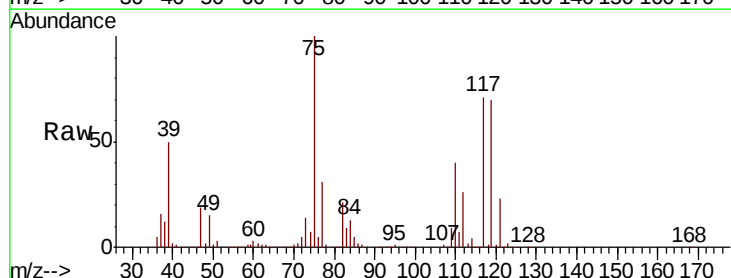
Tgt Ion: 75 Resp: 576811

Ion Ratio Lower Upper

75 100

110 40.4 16.7 50.1

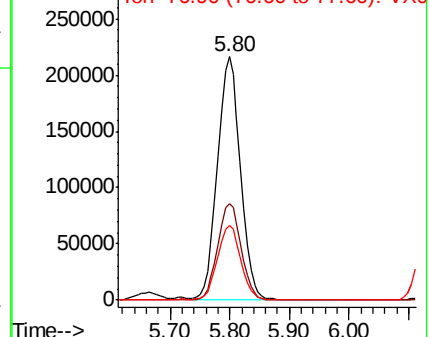
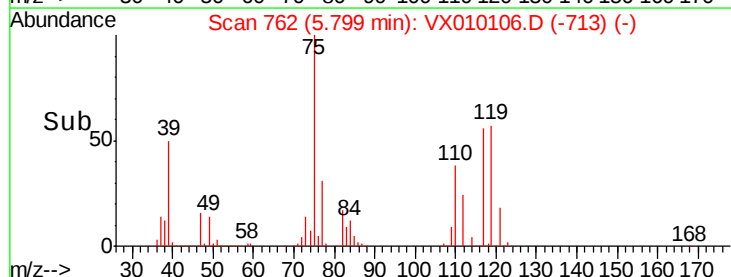
77 30.9 25.0 37.4

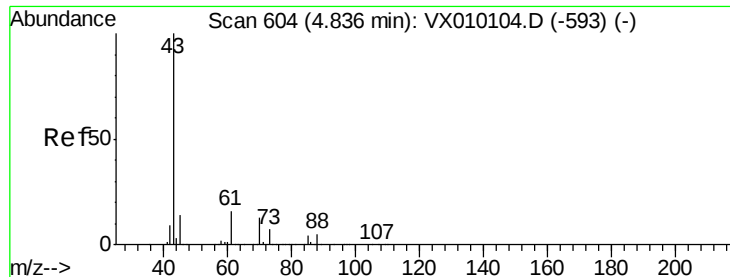


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

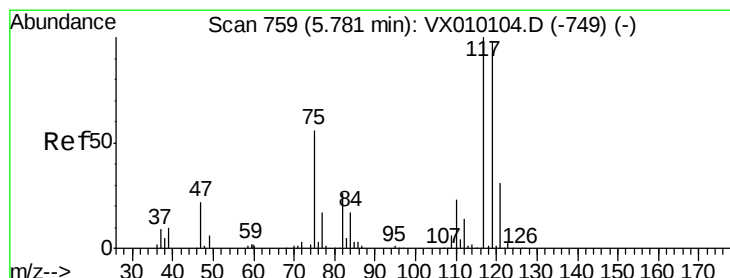
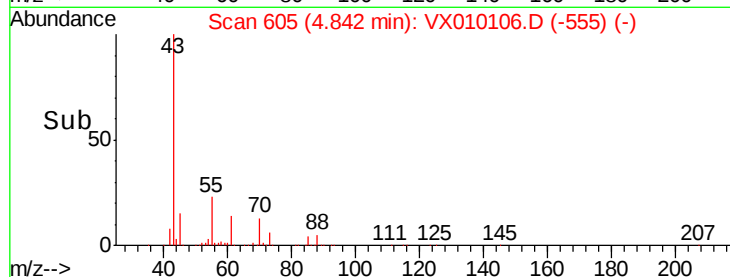
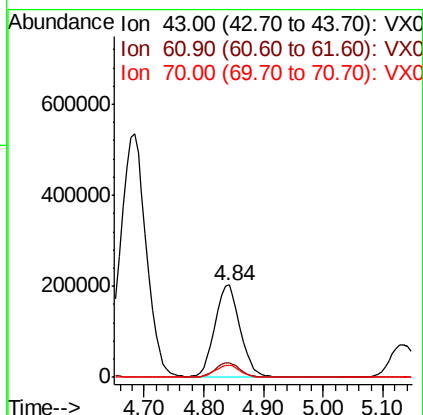
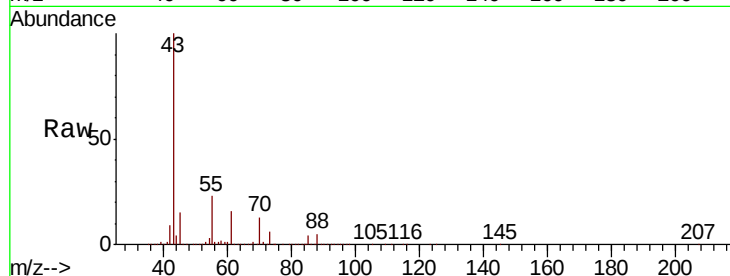




#37
Ethyl Acetate
Concen: 154.594 ug/l
RT: 4.84 min Scan# 605
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

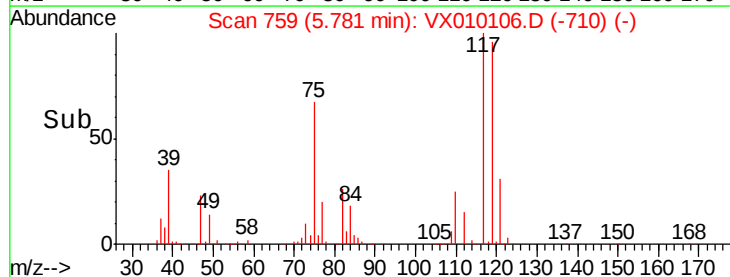
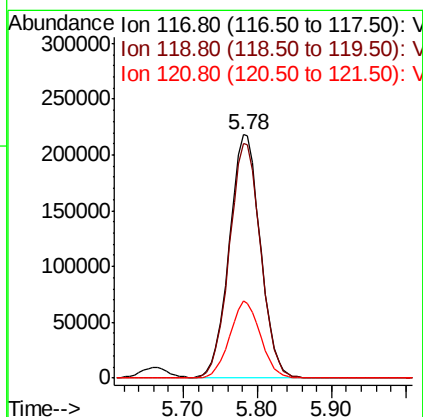
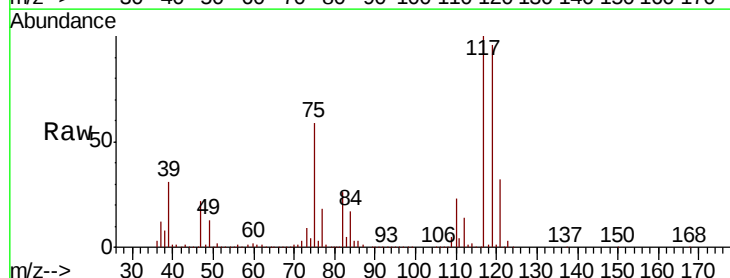
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

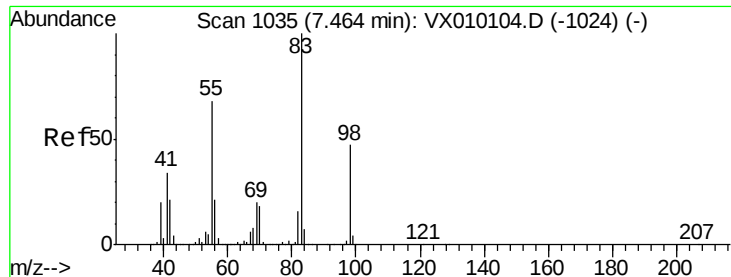
Tgt Ion: 43 Resp: 597601
Ion Ratio Lower Upper
43 100
61 15.6 10.2 15.2#
70 12.9 7.4 11.2#



#38
Carbon Tetrachloride
Concen: 153.146 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion: 117 Resp: 637064
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9
121 31.6 25.4 38.0

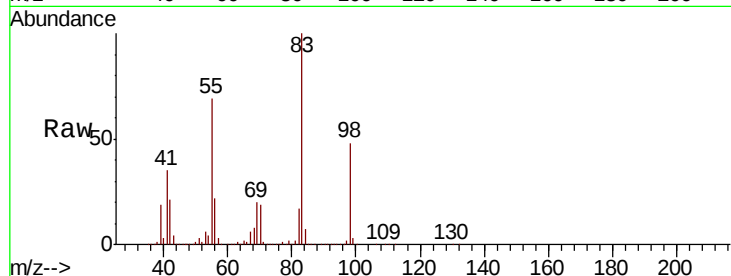




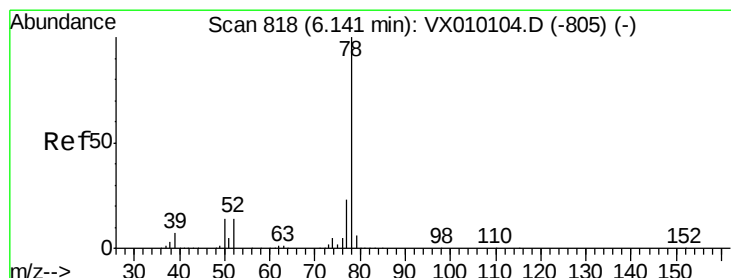
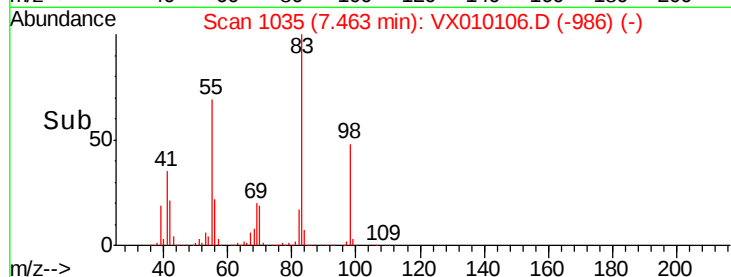
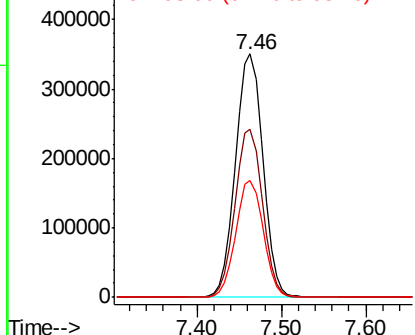
#39
Methylcyclohexane
Concen: 154.962 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 770251
Ion Ratio Lower Upper
83 100
55 69.0 69.9 104.9#
98 47.9 35.1 52.7

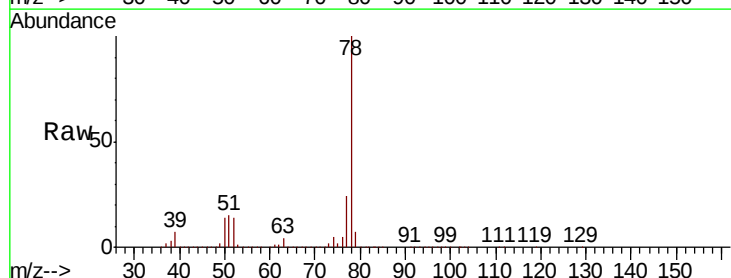


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

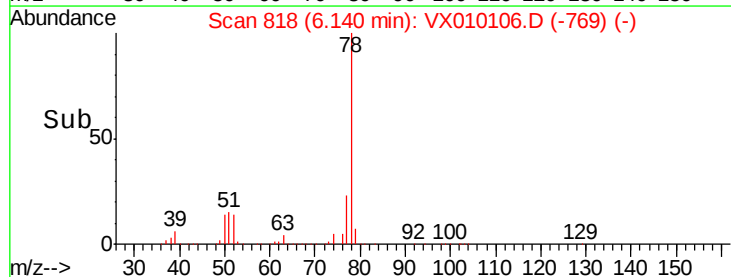
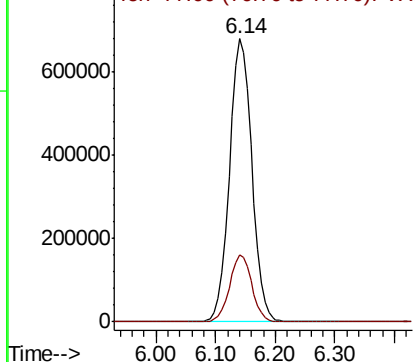


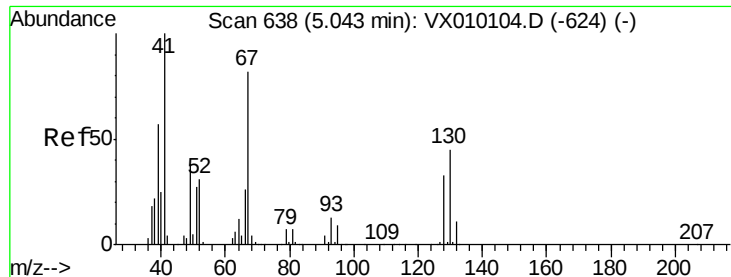
#40
Benzene
Concen: 152.864 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion: 78 Resp: 1766239
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 151.685 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 320280

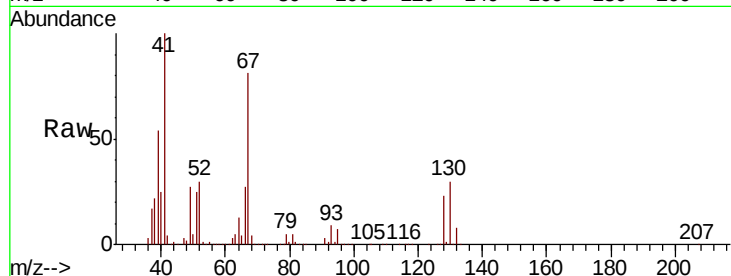
Ion Ratio Lower Upper

41 100

39 55.8 42.2 63.4

67 83.6 48.9 73.3#

52 31.3 20.1 30.1#



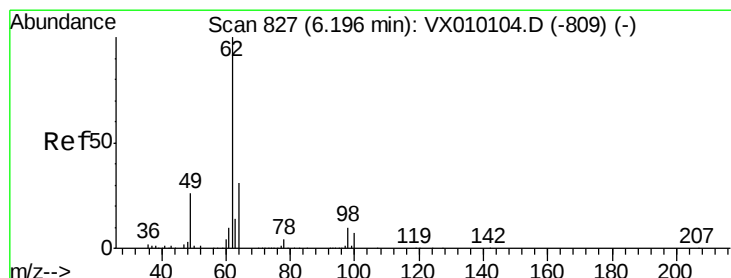
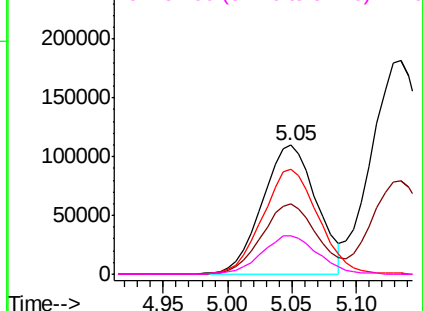
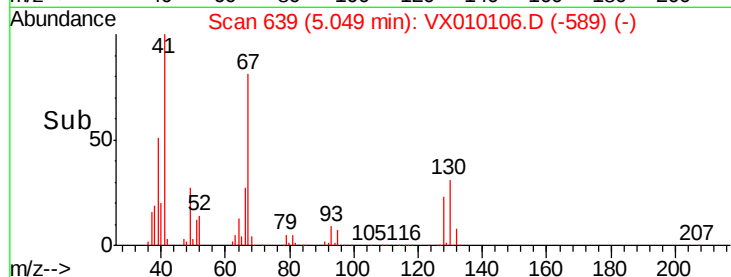
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 154.863 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX010106.D

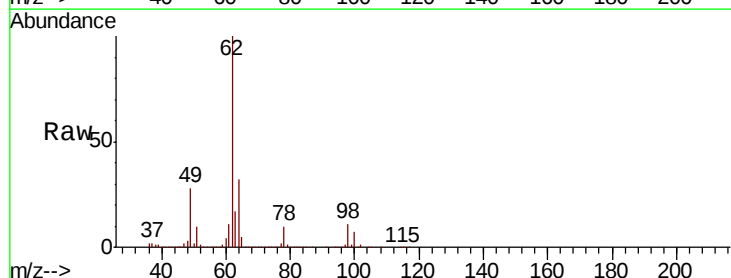
Acq: 07 Jun 2019 13:27

Tgt Ion: 62 Resp: 568715

Ion Ratio Lower Upper

62 100

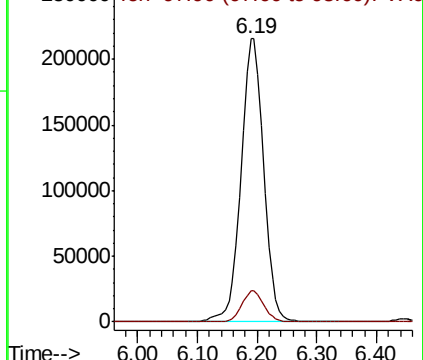
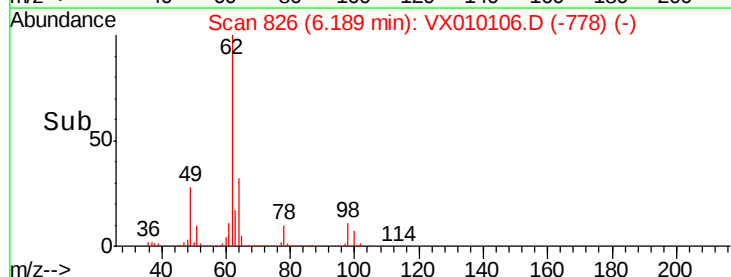
98 10.5 0.0 17.2

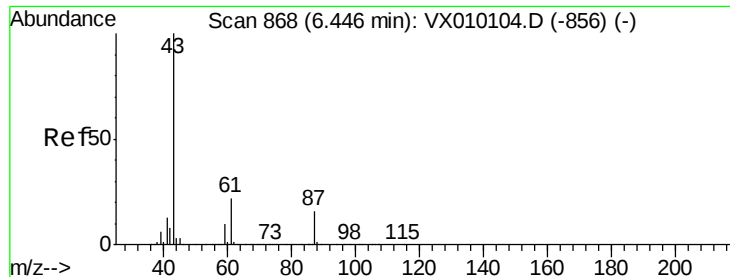


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 153.305 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

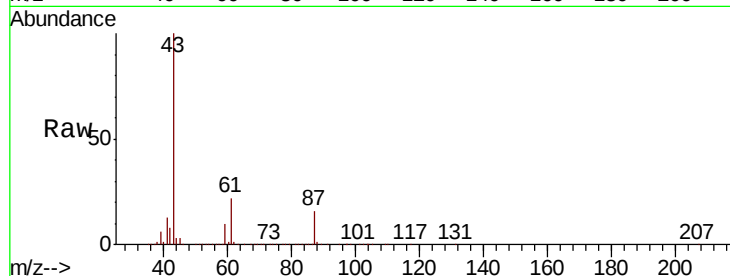
Tgt Ion: 43 Resp: 987344

Ion Ratio Lower Upper

43 100

61 22.6 14.6 21.8#

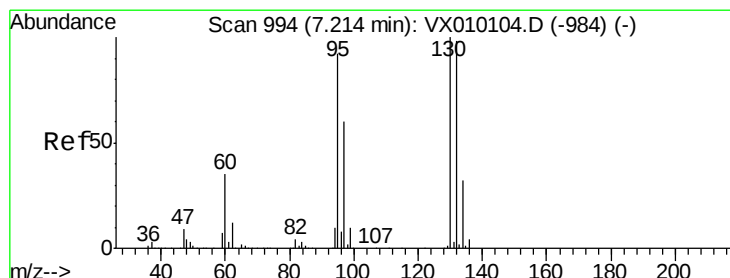
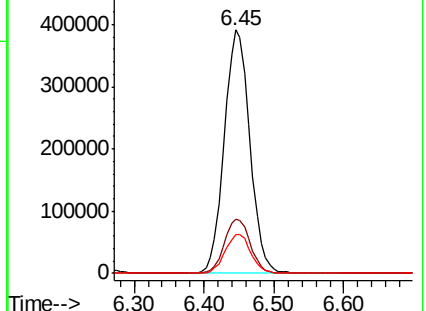
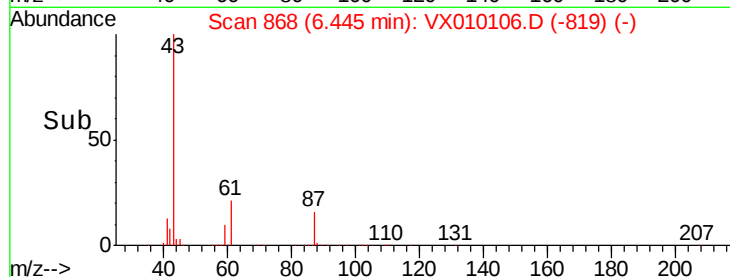
87 16.2 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX010106.D (-819) (-)

Ion 61.00 (60.70 to 61.70): VX010106.D (-819) (-)

Ion 87.00 (86.70 to 87.70): VX010106.D (-819) (-)



#44

Trichloroethene

Concen: 154.620 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010106.D

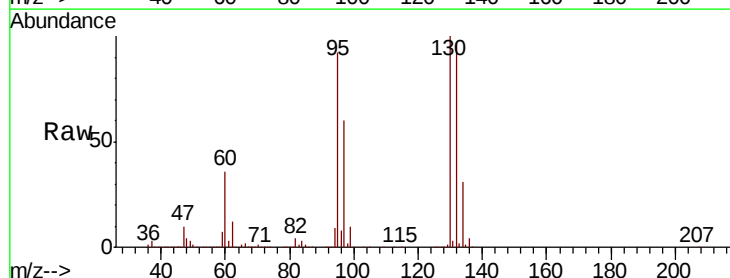
Acq: 07 Jun 2019 13:27

Tgt Ion:130 Resp: 527130

Ion Ratio Lower Upper

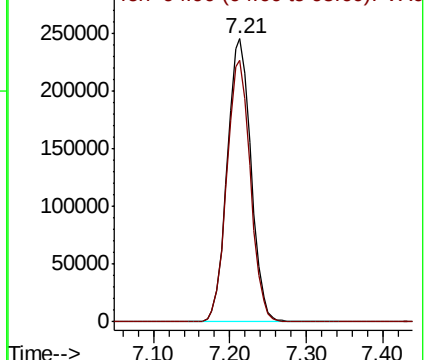
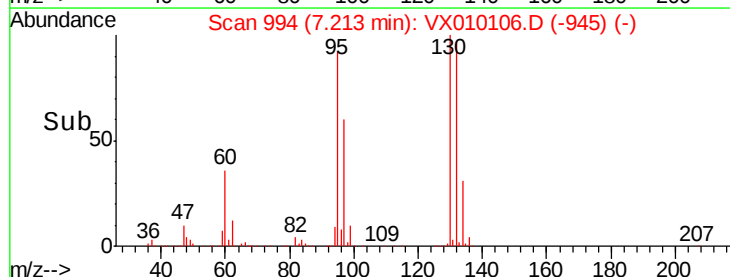
130 100

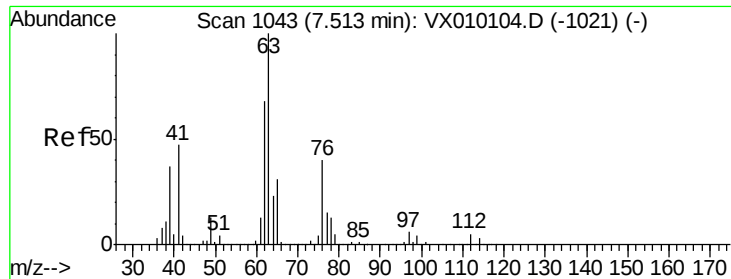
95 92.3 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): VX010106.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX010106.D (-945) (-)





#45

1,2-Dichloropropane

Concen: 154.053 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

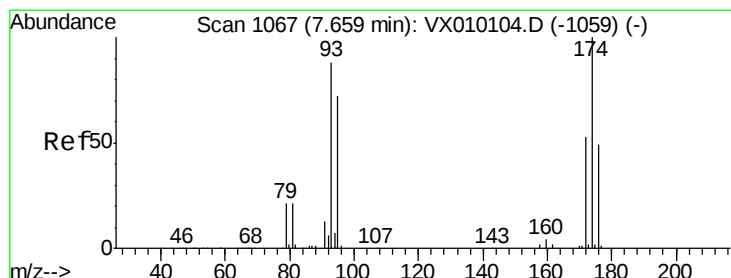
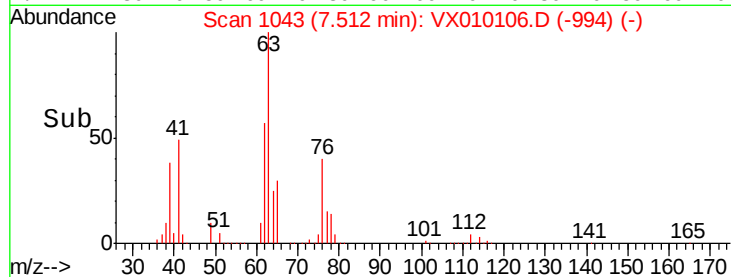
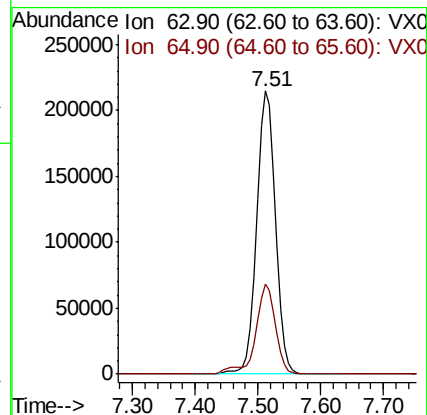
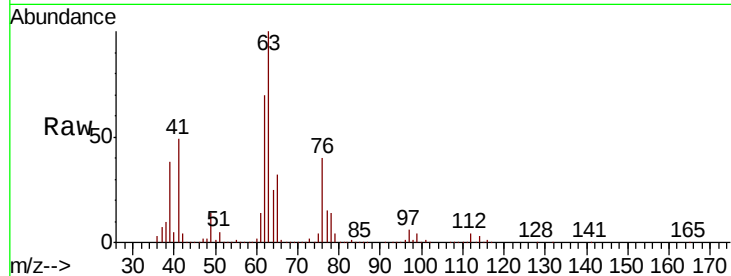
VSTDIC150

Tgt Ion: 63 Resp: 444953

Ion Ratio Lower Upper

63 100

65 31.6 25.7 38.5



#46

Dibromomethane

Concen: 156.275 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

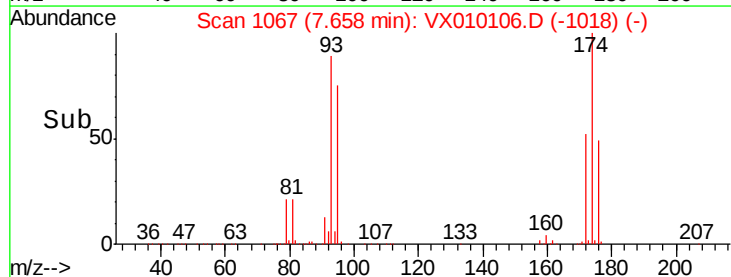
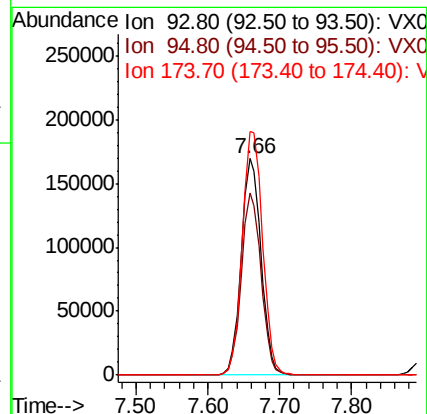
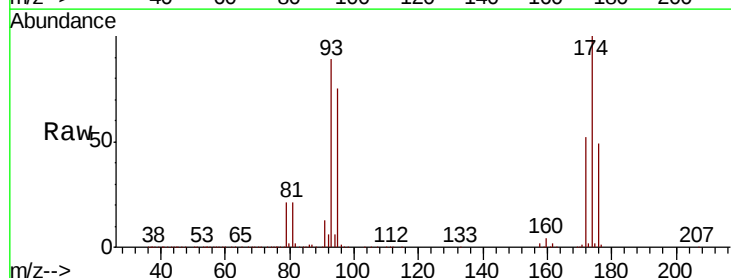
Tgt Ion: 93 Resp: 325027

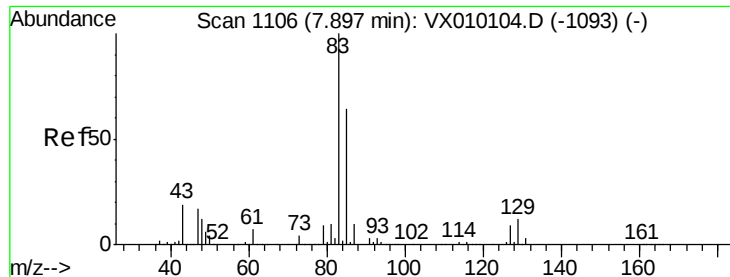
Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

174 114.8 81.9 122.9





#47

Bromodichloromethane

Concen: 155.815 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

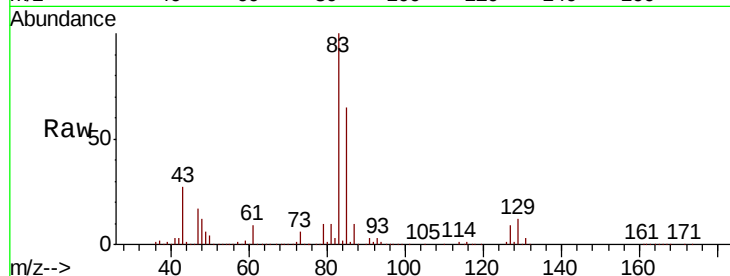
Tgt Ion: 83 Resp: 631995

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.2

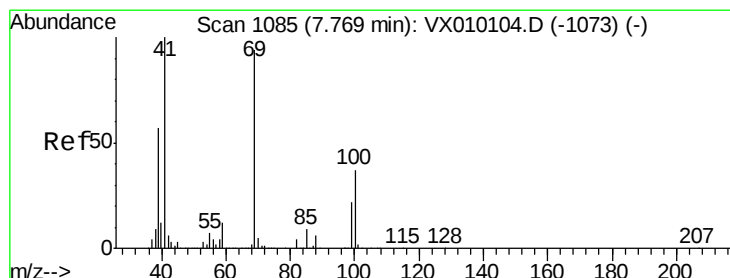
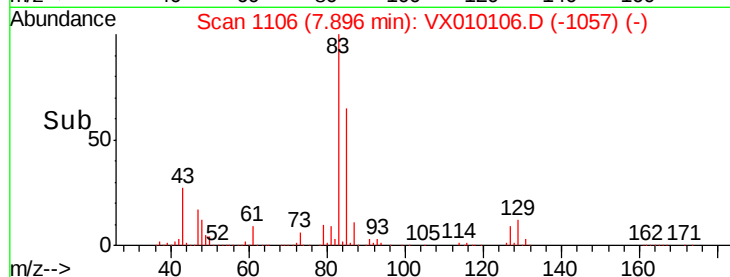
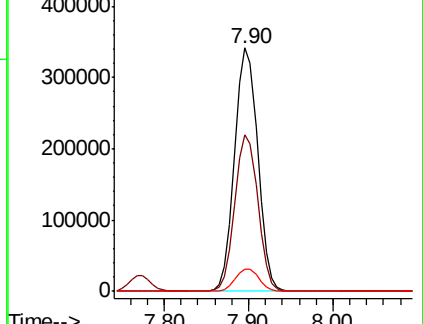
127 9.2 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 150.740 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

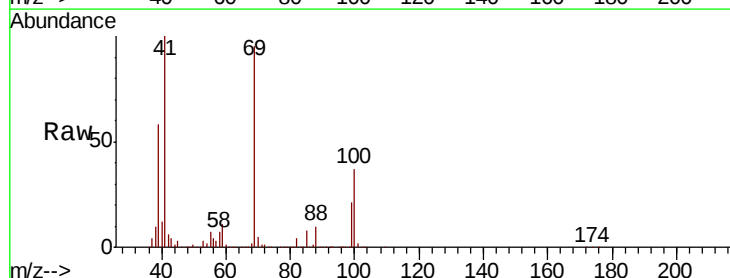
Tgt Ion: 41 Resp: 470497

Ion Ratio Lower Upper

41 100

69 95.0 56.4 84.6#

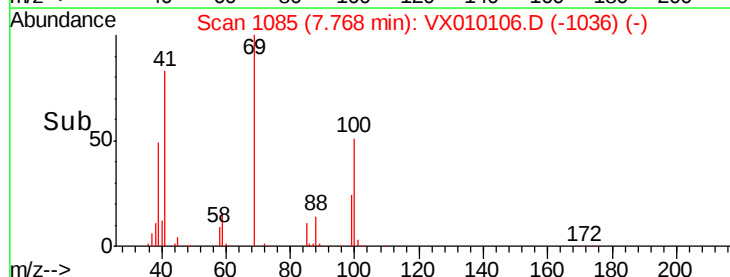
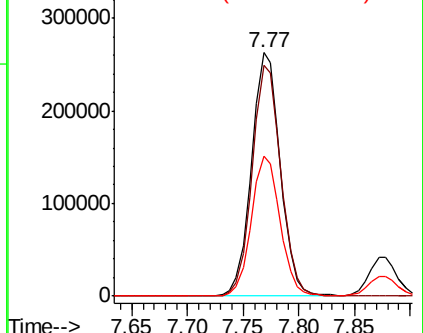
39 57.5 40.6 60.8

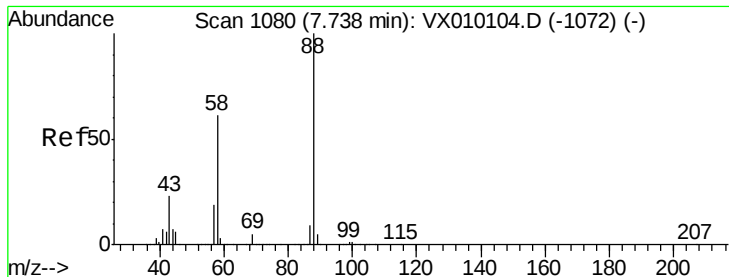


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2906.649 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

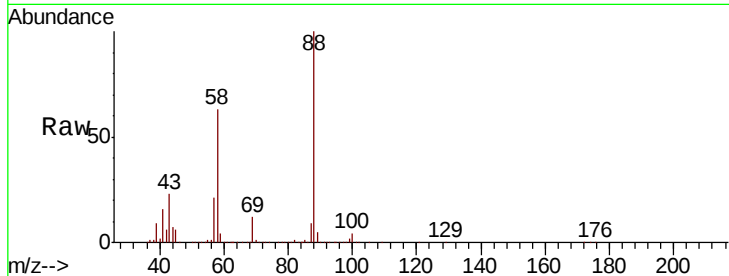
Tgt Ion: 88 Resp: 249493

Ion Ratio Lower Upper

88 100

43 26.5 30.2 45.4#

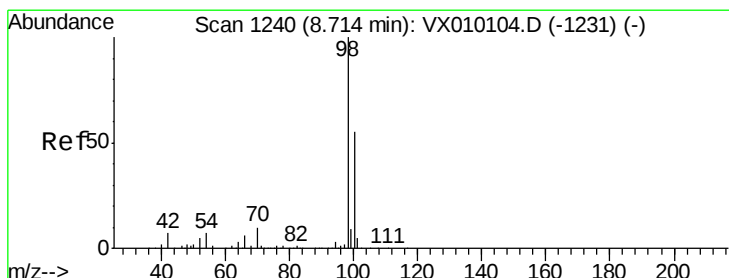
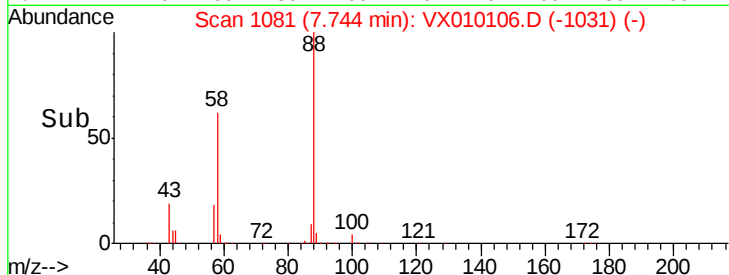
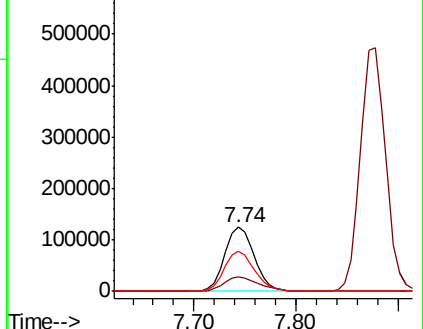
58 63.2 64.0 96.0#



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: 152.212 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX010106.D

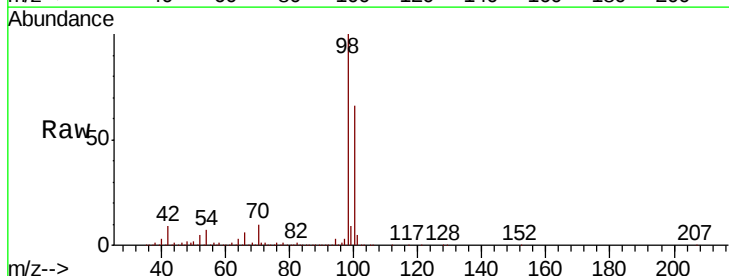
Acq: 07 Jun 2019 13:27

Tgt Ion: 98 Resp: 1645843

Ion Ratio Lower Upper

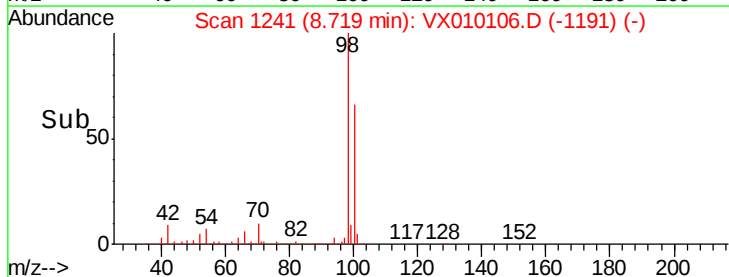
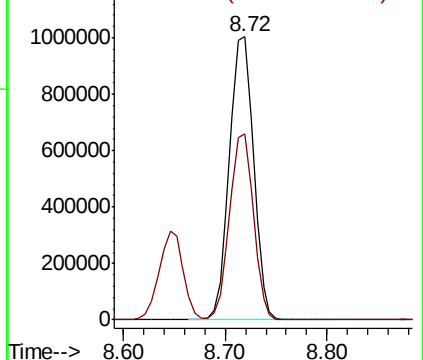
98 100

100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

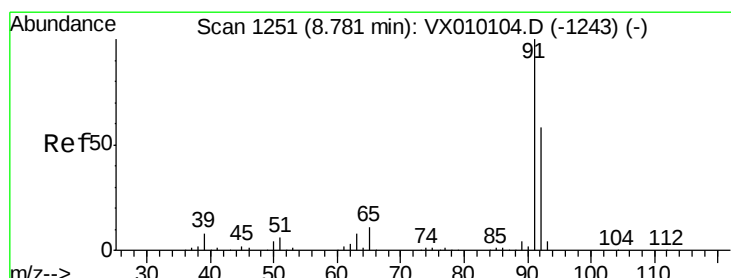
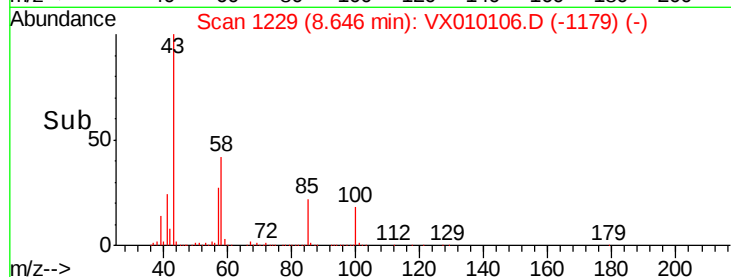
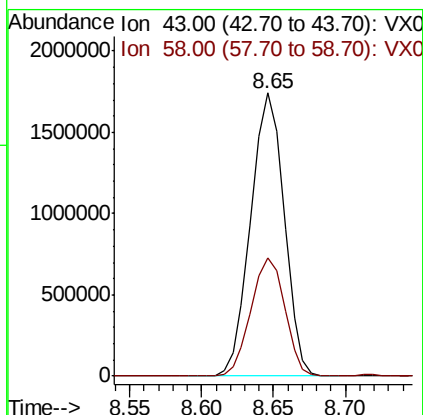
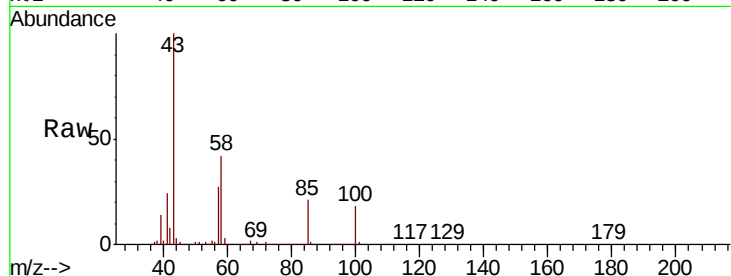




#51
 4-Methyl-2-Pentanone
 Concen: 695.730 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

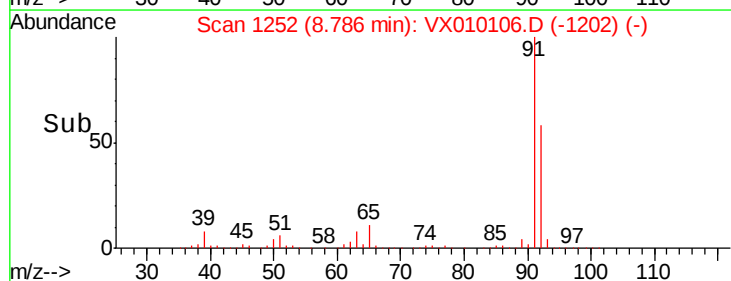
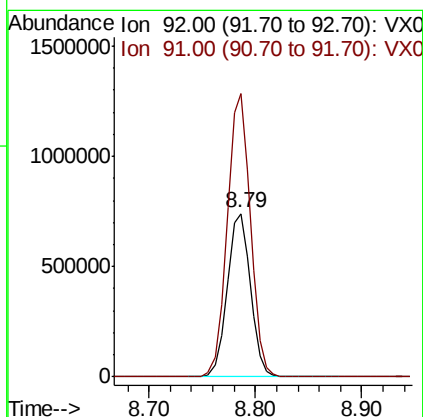
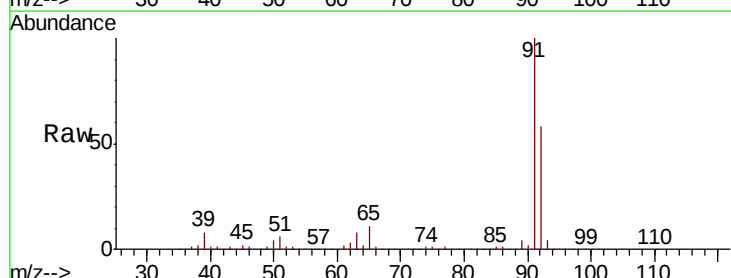
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

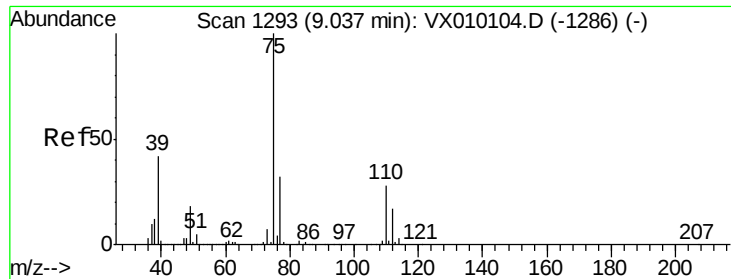
Tgt Ion: 43 Resp: 2798810
 Ion Ratio Lower Upper
 43 100
 58 42.2 28.8 43.2



#52
 Toluene
 Concen: 151.129 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion: 92 Resp: 1131929
 Ion Ratio Lower Upper
 92 100
 91 172.8 139.9 209.9

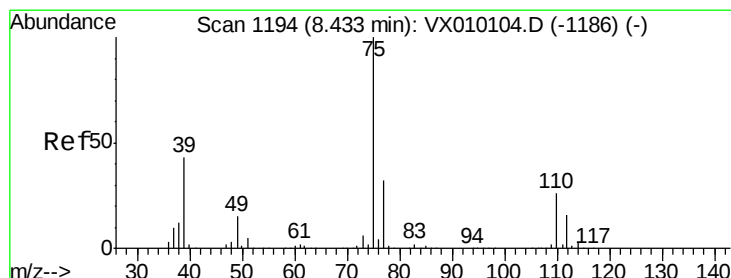
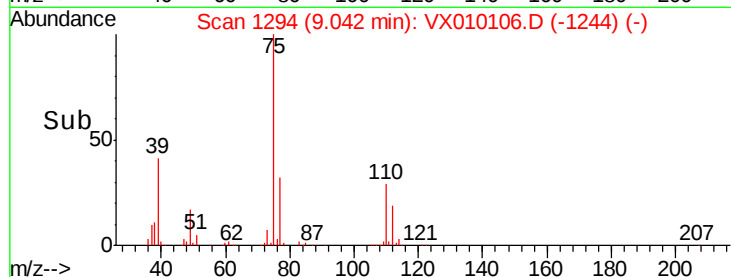
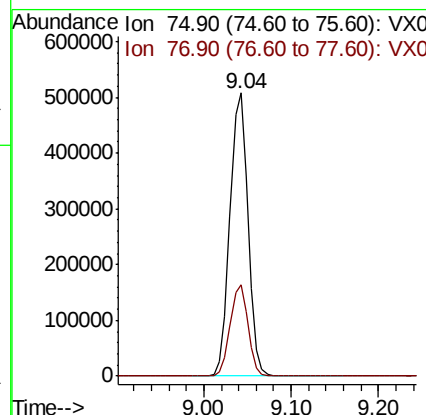
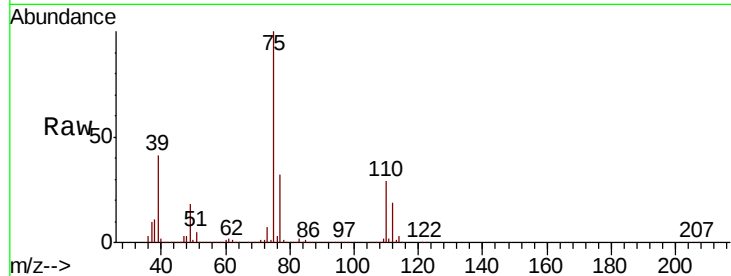




#53
 t-1,3-Dichloropropene
 Concen: 154.422 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

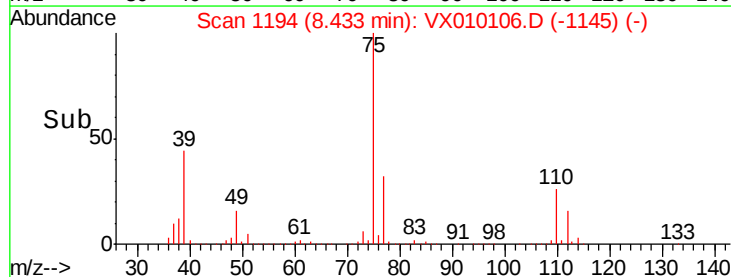
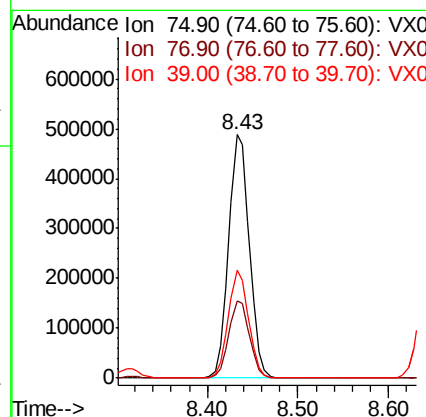
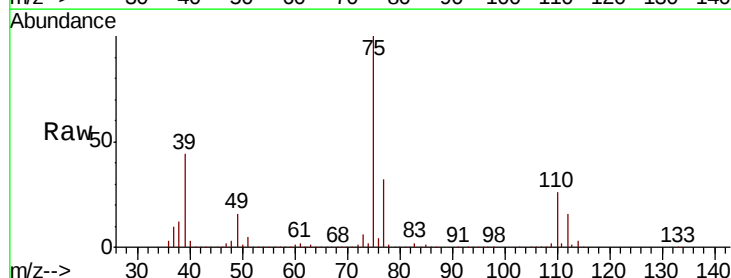
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 75 Resp: 727459
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 154.933 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion: 75 Resp: 774086
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.8 37.2
 39 44.3 43.4 65.0

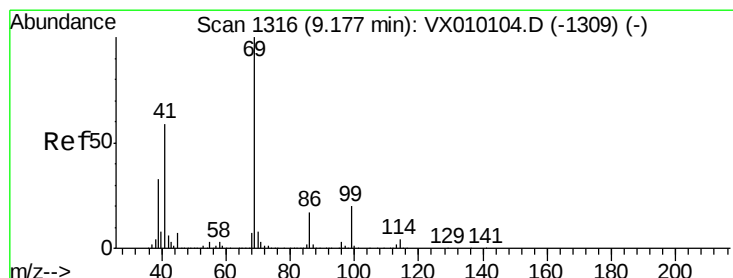
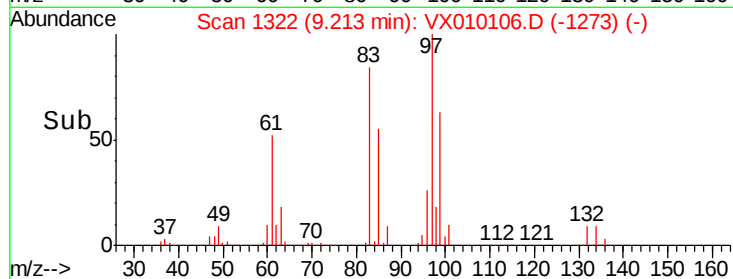
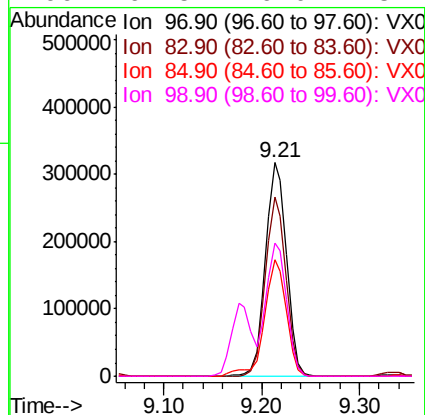
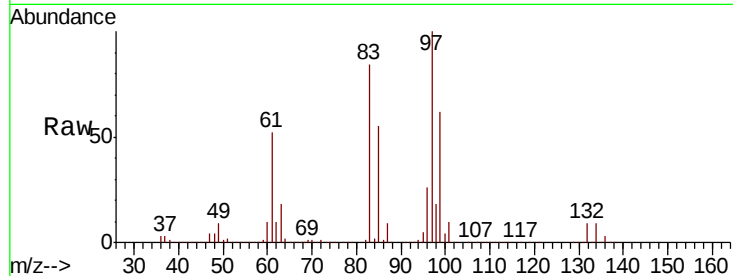




#55
 1,1,2-Trichloroethane
 Concen: 150.612 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

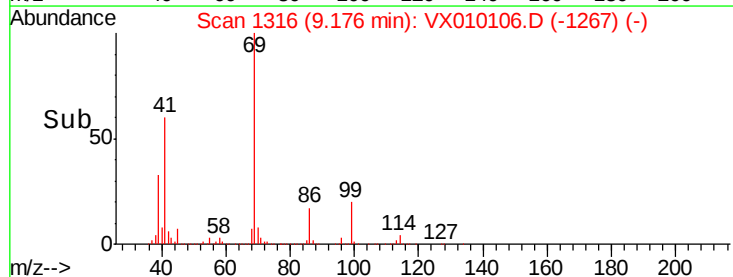
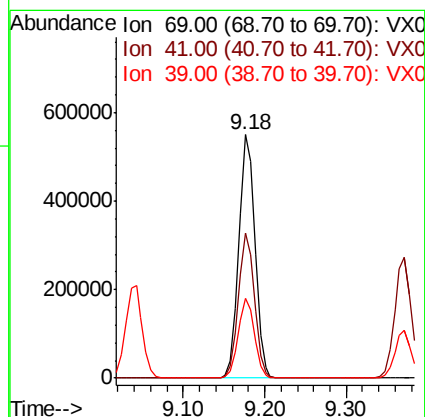
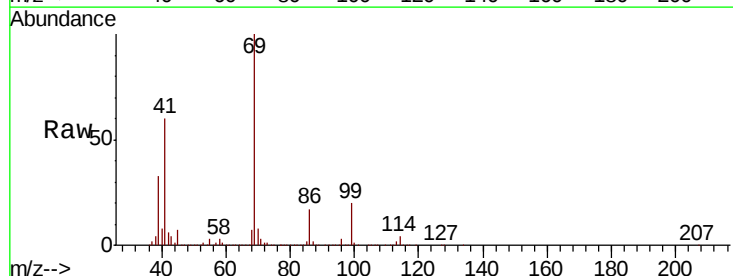
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 472175
 Ion Ratio Lower Upper
 97 100
 83 84.0 69.8 104.8
 85 54.5 45.3 67.9
 99 62.5 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 147.542 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion: 69 Resp: 741010
 Ion Ratio Lower Upper
 69 100
 41 58.9 62.7 94.1#
 39 32.6 29.5 44.3





#57

1,3-Dichloropropane

Concen: 151.540 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

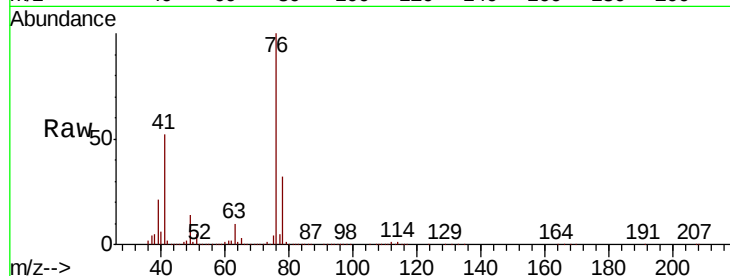
VSTDIC150

Tgt Ion: 76 Resp: 737559

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

600000

500000

400000

300000

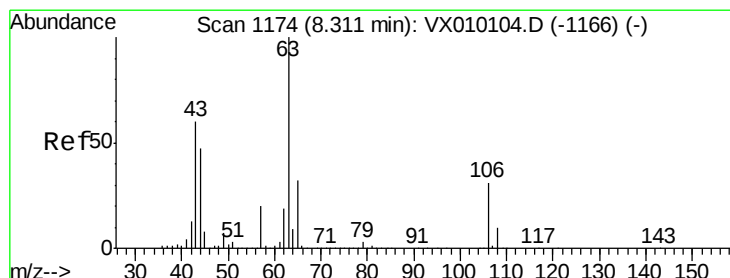
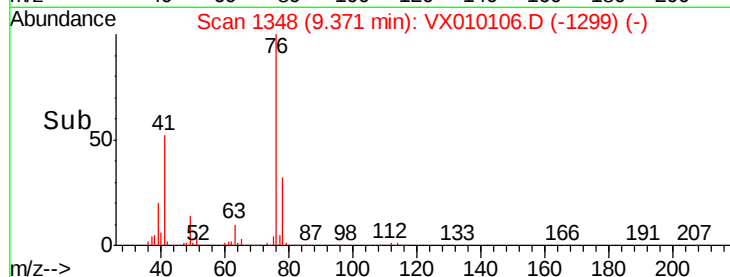
200000

100000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 701.914 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX010106.D

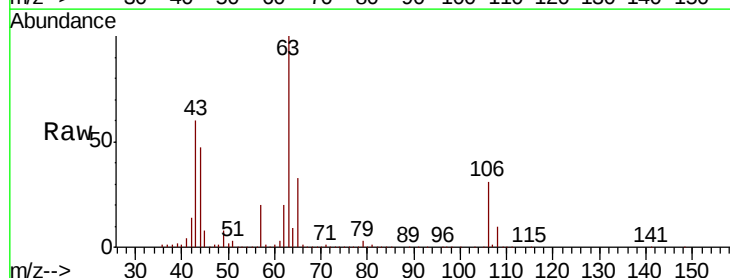
Acq: 07 Jun 2019 13:27

Tgt Ion: 63 Resp: 1682542

Ion Ratio Lower Upper

63 100

106 31.0 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

1200000

1000000

800000

600000

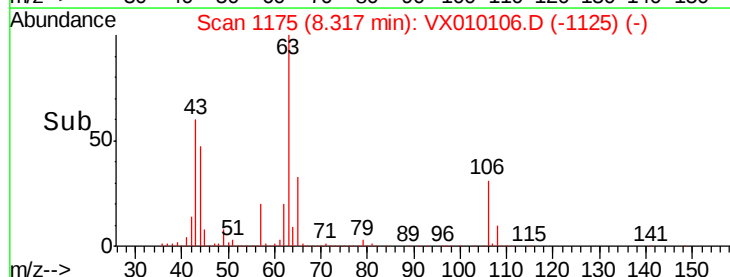
400000

200000

0

8.20 8.25 8.30 8.35 8.40

Time-->

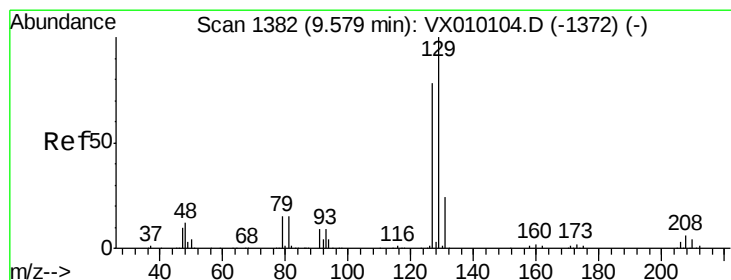
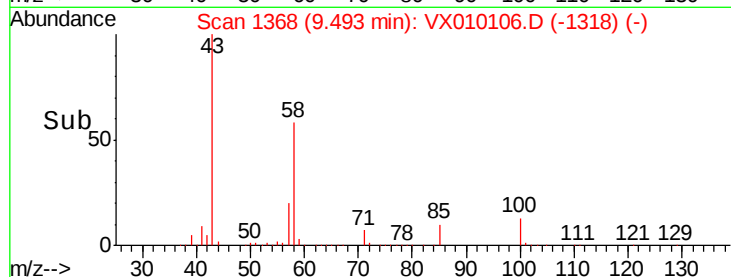
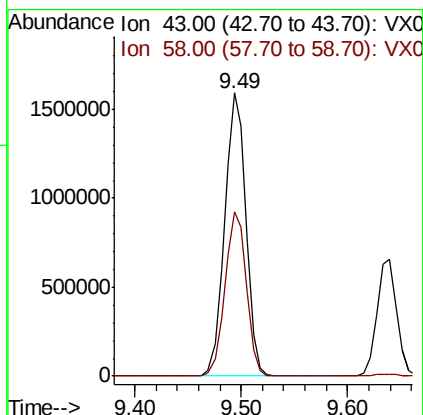
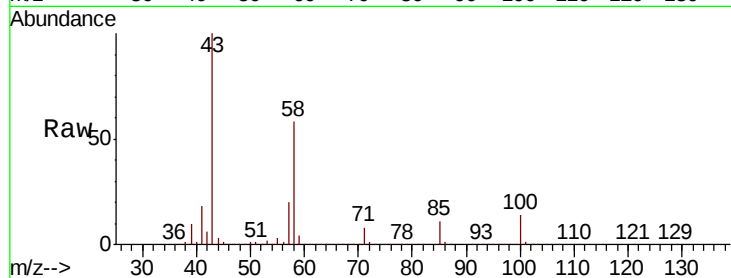




#59
2-Hexanone
Concen: 697.060 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

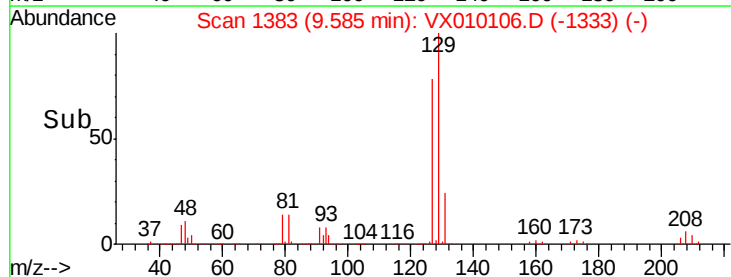
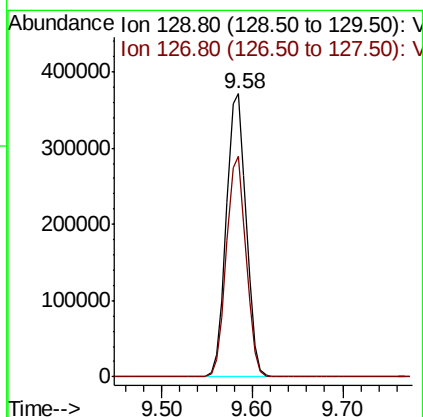
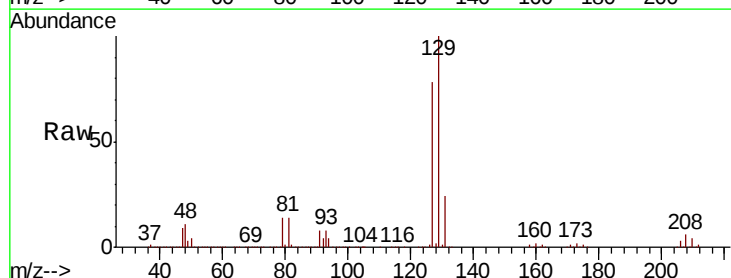
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

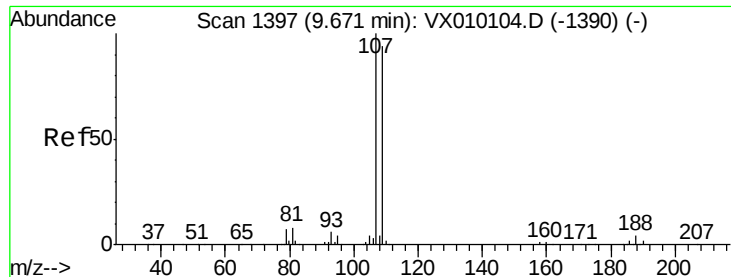
Tgt Ion: 43 Resp: 2218931
Ion Ratio Lower Upper
43 100
58 58.6 25.1 75.3



#60
Dibromochloromethane
Concen: 152.058 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion: 129 Resp: 563755
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 151.742 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

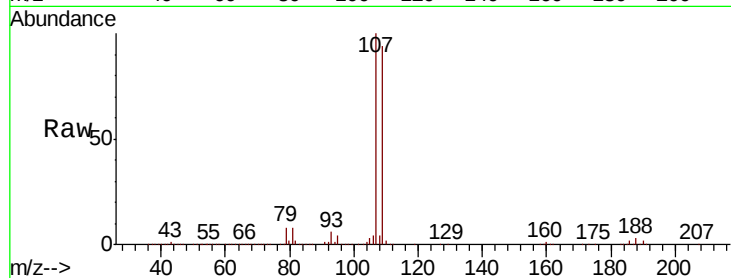
VSTDIC150

Tgt Ion: 107 Resp: 521836

Ion Ratio Lower Upper

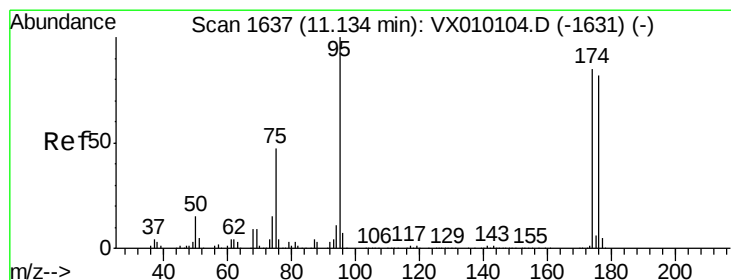
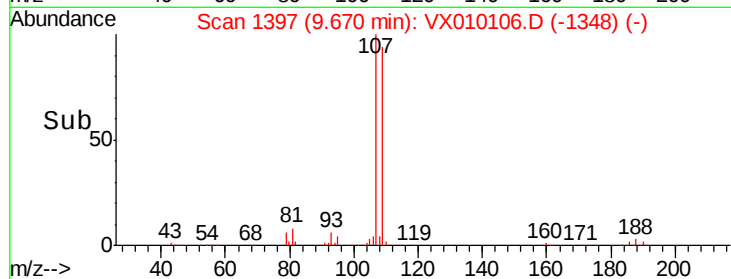
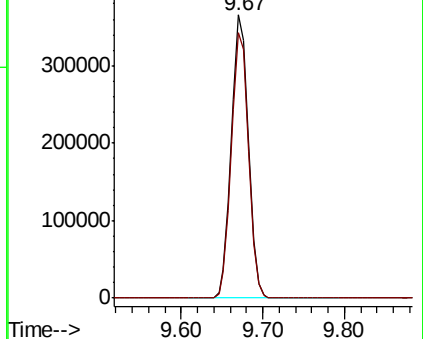
107 100

109 94.5 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 152.809 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

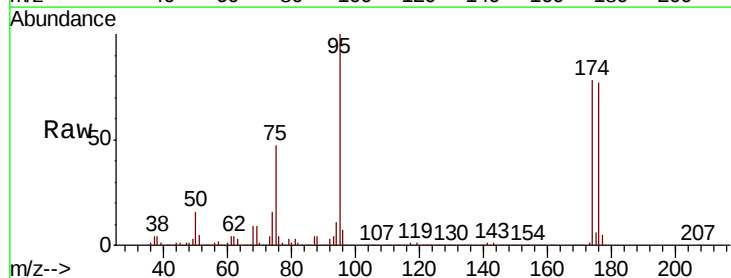
Tgt Ion: 95 Resp: 618410

Ion Ratio Lower Upper

95 100

174 86.0 0.0 160.4

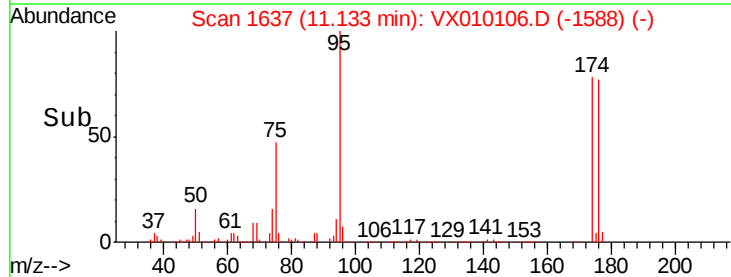
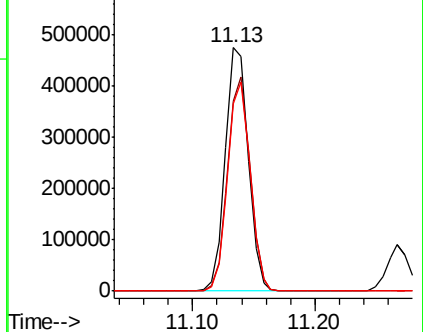
176 84.2 0.0 154.6

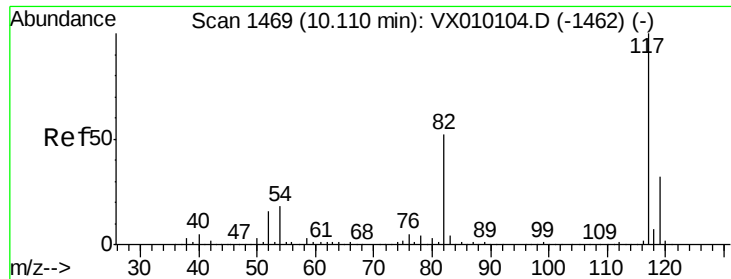


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

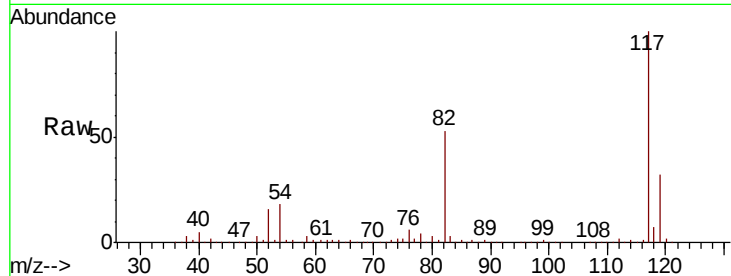




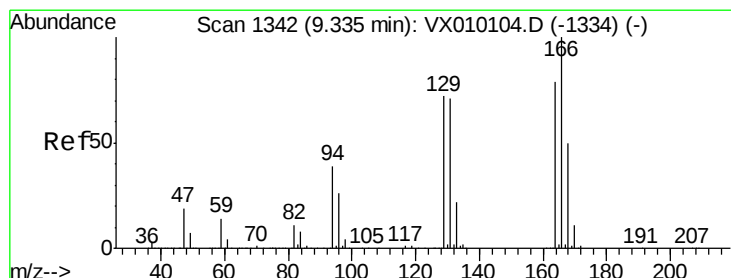
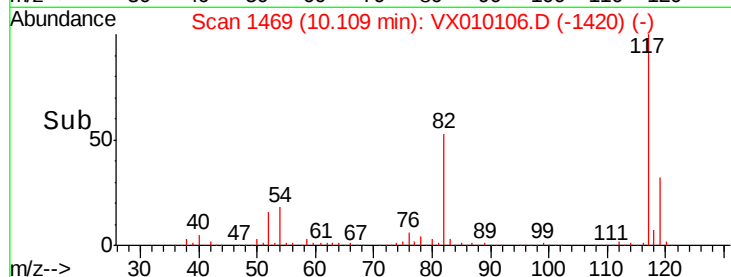
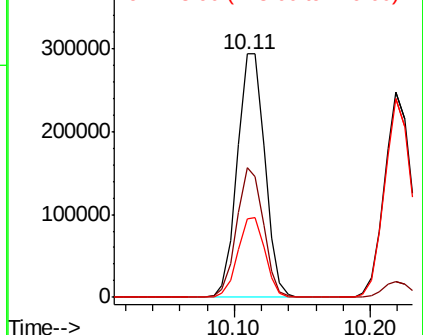
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 415205
Ion Ratio Lower Upper
117 100
82 53.1 49.2 73.8
119 32.3 25.2 37.8

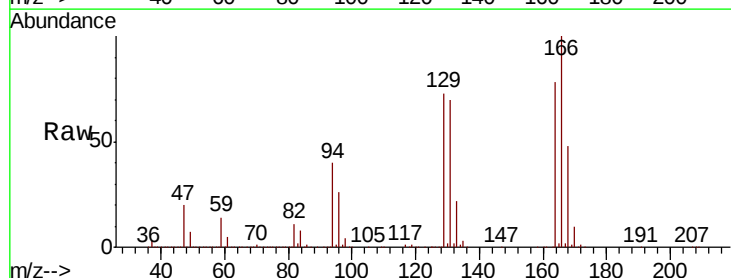


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

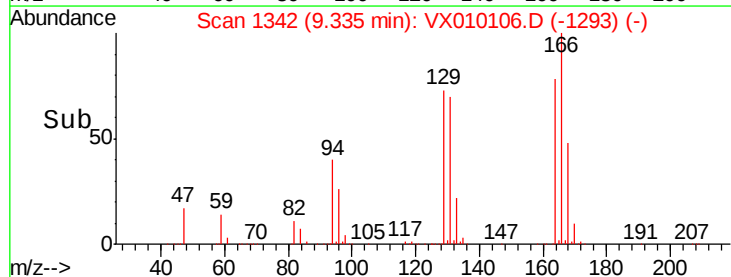
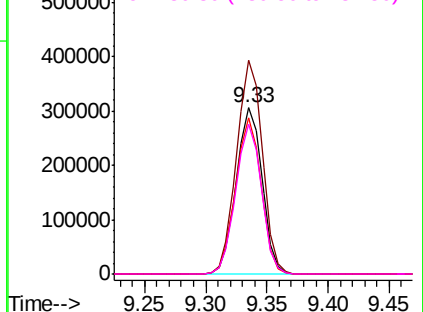


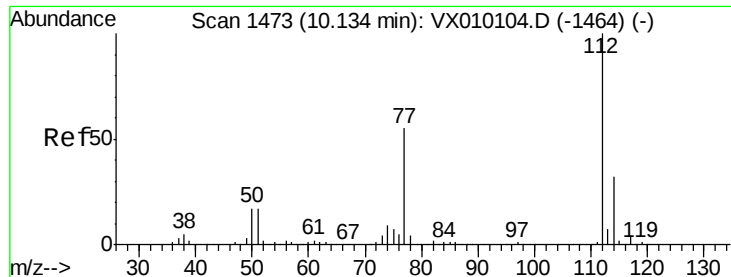
#64
Tetrachloroethene
Concen: 154.096 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion:164 Resp: 445163
Ion Ratio Lower Upper
164 100
166 128.4 105.0 157.4
129 94.0 75.1 112.7
131 89.7 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

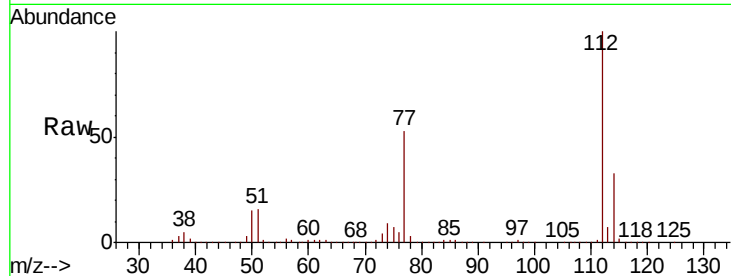




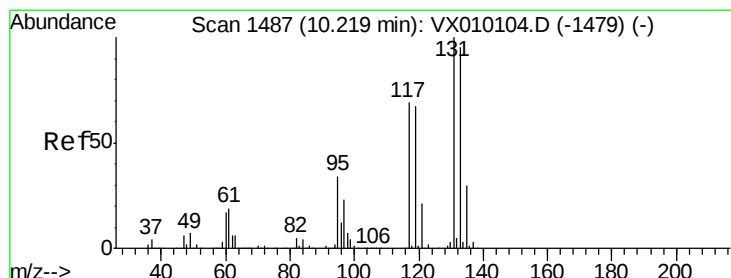
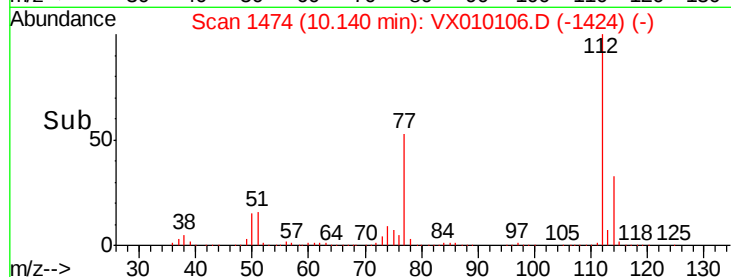
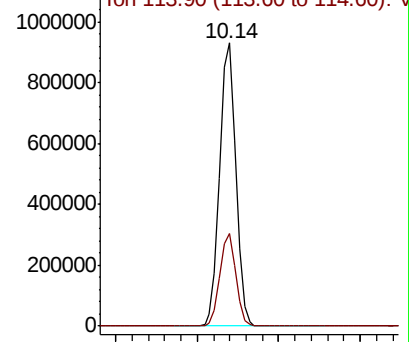
#65
Chlorobenzene
Concen: 151.837 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 1256142
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.8

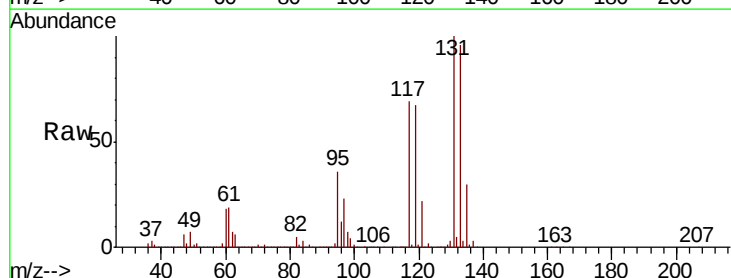


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

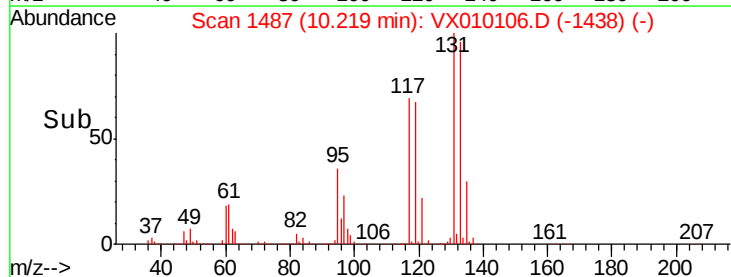
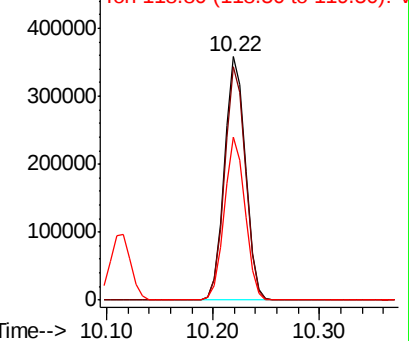


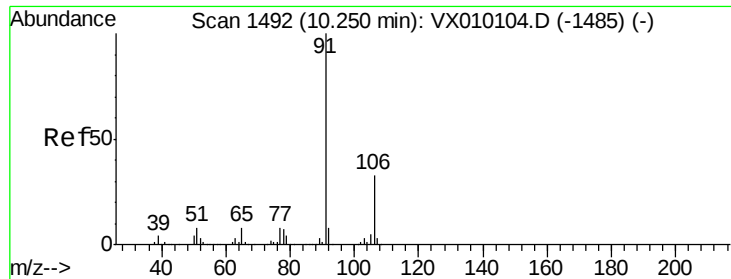
#66
1,1,1,2-Tetrachloroethane
Concen: 155.679 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion:131 Resp: 496294
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 66.2 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 151.537 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampled :

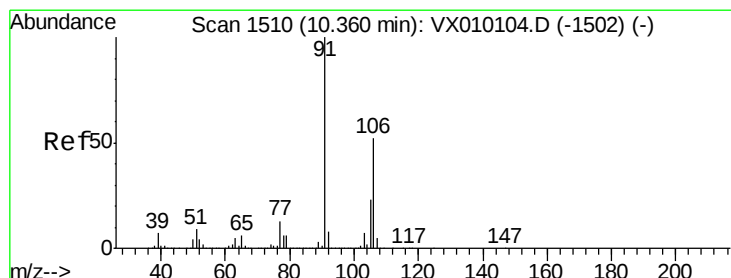
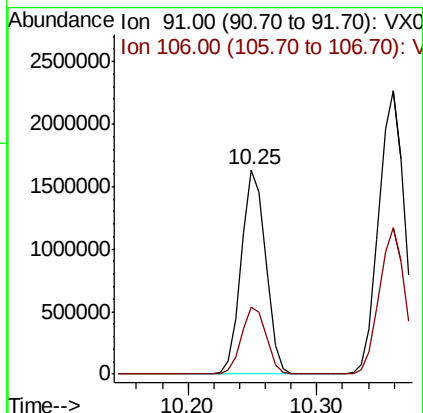
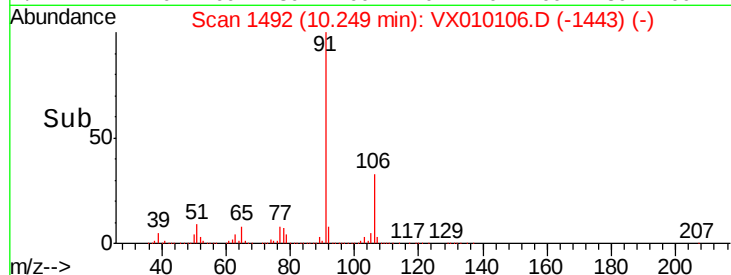
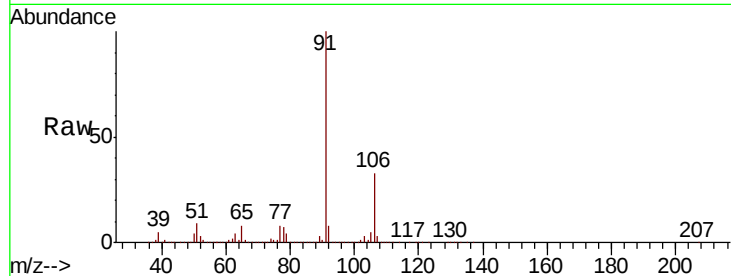
VSTDIC150

Tgt Ion: 91 Resp: 2137011

Ion Ratio Lower Upper

91 100

106 33.0 23.9 35.9



#68

m/p-Xylenes

Concen: 292.540 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010106.D

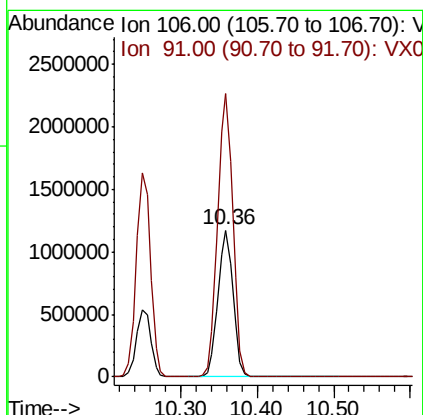
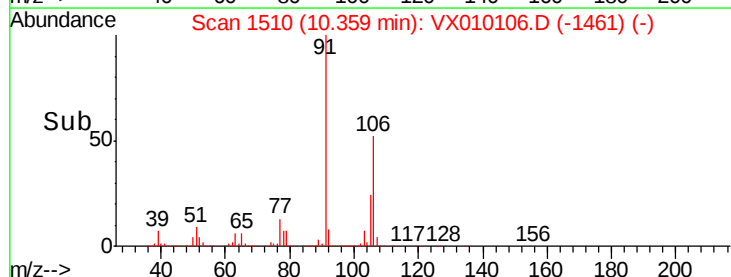
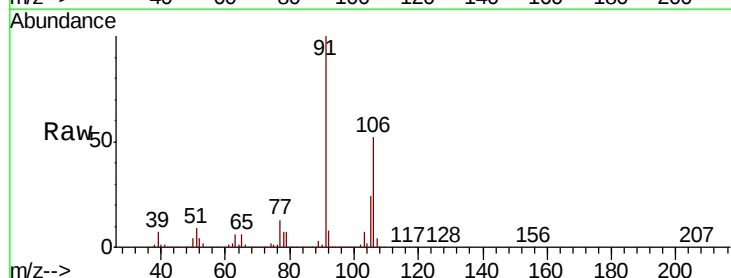
Acq: 07 Jun 2019 13:27

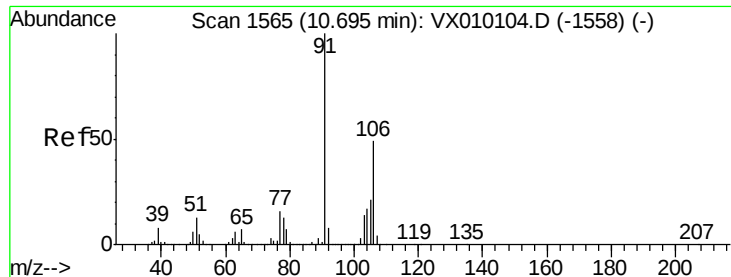
Tgt Ion: 106 Resp: 1596673

Ion Ratio Lower Upper

106 100

91 195.5 167.3 250.9

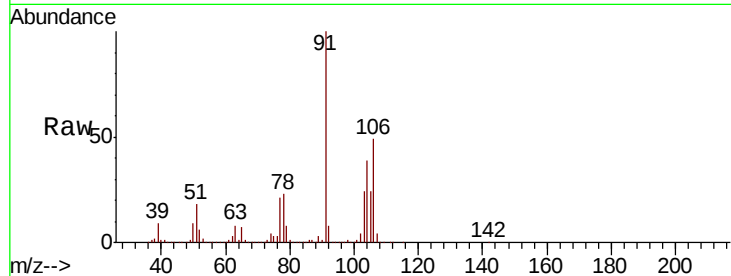




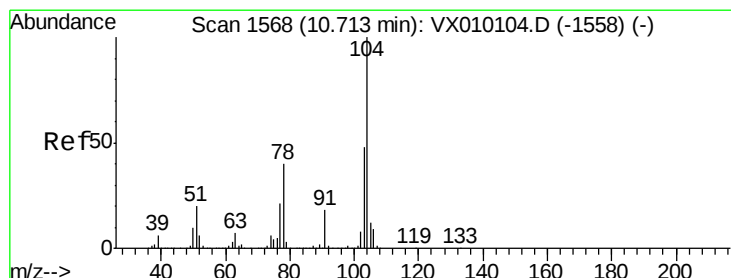
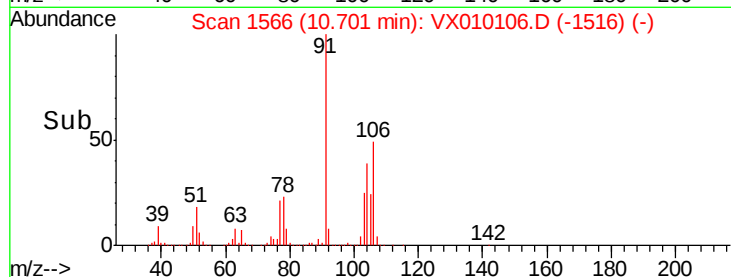
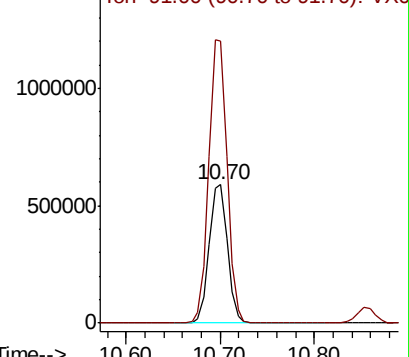
#69
o-Xylene
Concen: 147.377 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tgt Ion:106 Resp: 791018
Ion Ratio Lower Upper
106 100
91 205.4 110.4 331.2

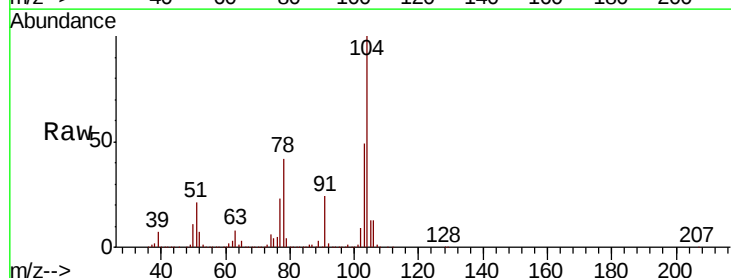


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

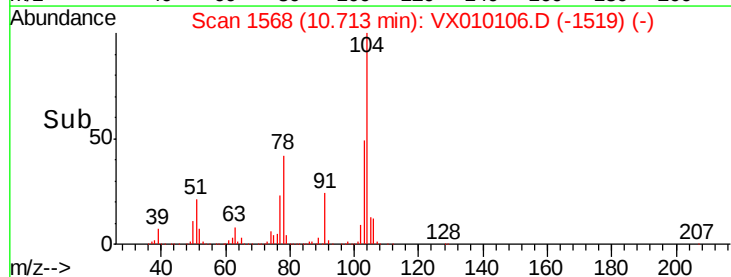
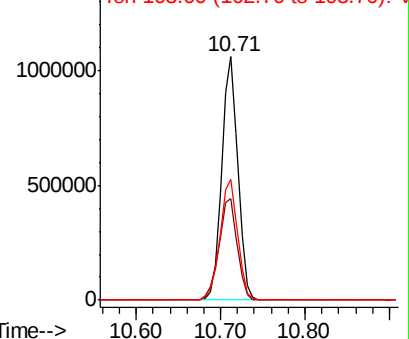


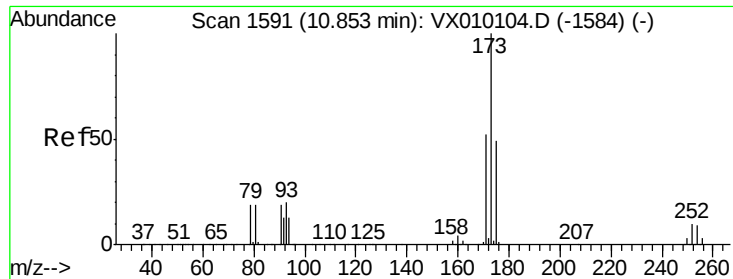
#70
Styrene
Concen: 146.247 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion:104 Resp: 1364195
Ion Ratio Lower Upper
104 100
78 47.8 42.1 63.1
103 54.7 44.1 66.1



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

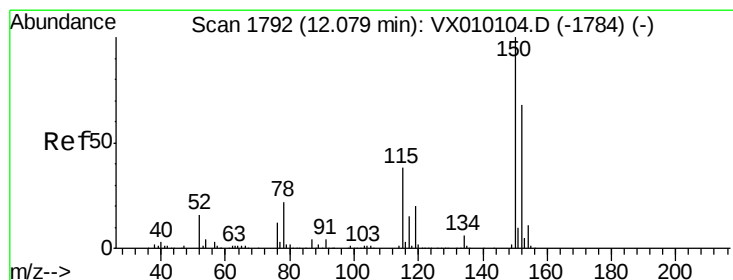
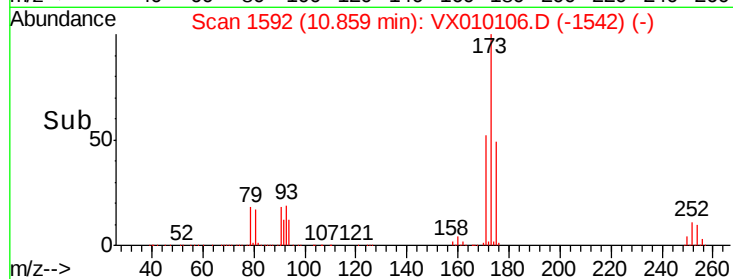
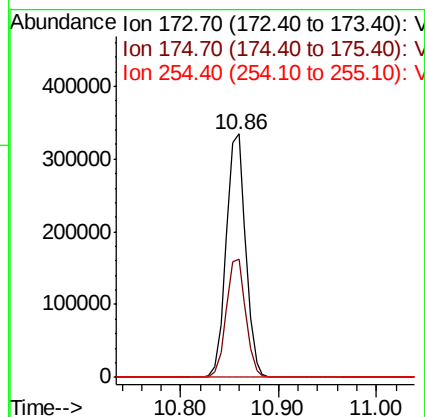
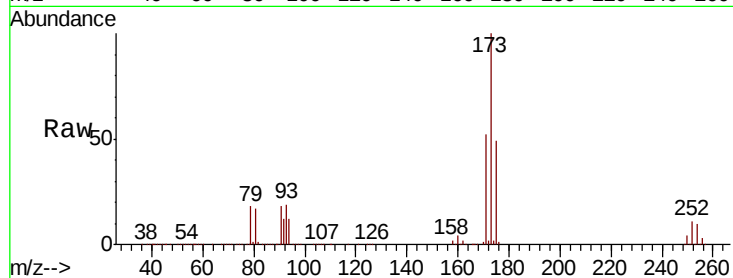




#71
Bromoform
Concen: 155.285 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

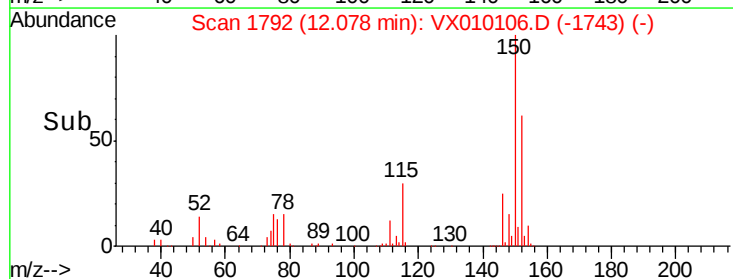
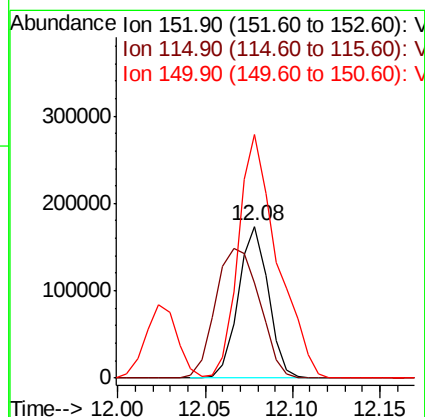
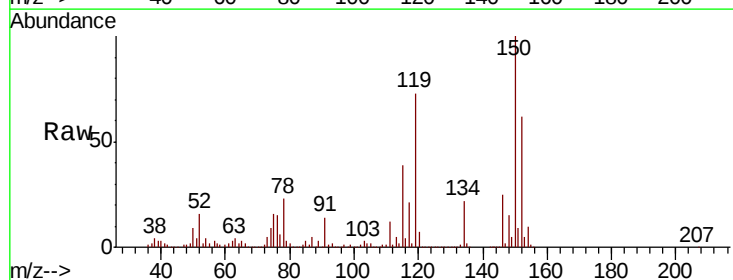
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

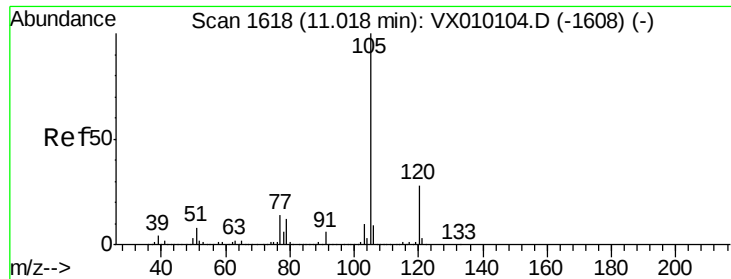
Tgt Ion:173 Resp: 459290
Ion Ratio Lower Upper
173 100
175 48.9 25.0 75.0
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion:152 Resp: 206954
Ion Ratio Lower Upper
152 100
115 126.2 41.4 124.2#
150 209.0 0.0 345.2





#73

Isopropylbenzene

Concen: 150.309 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

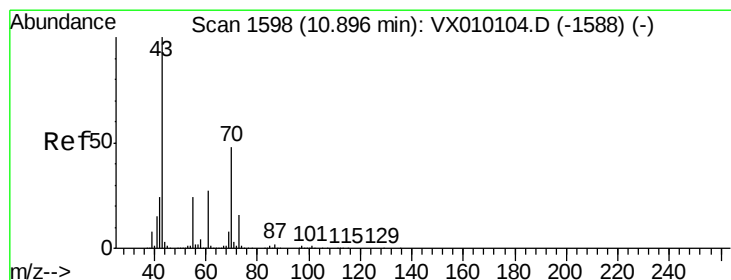
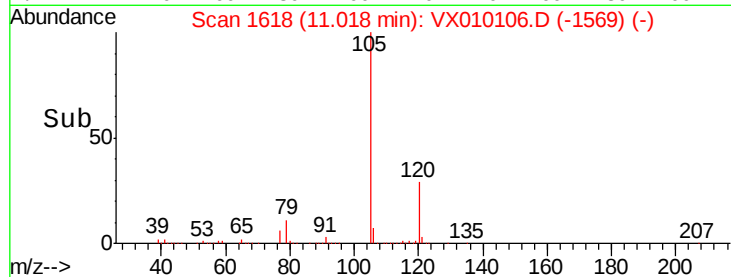
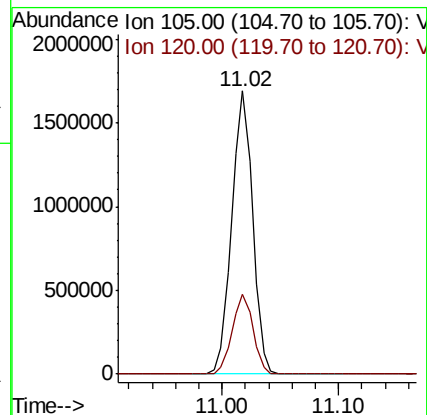
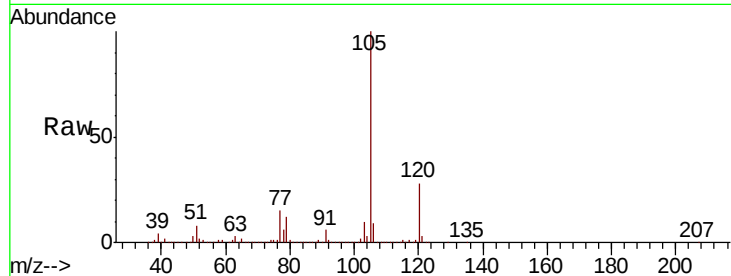
VSTDIC150

Tgt Ion:105 Resp: 2104637

Ion Ratio Lower Upper

105 100

120 28.1 12.8 38.4



#74

N-ethyl acetate

Concen: 156.037 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Tgt Ion: 43 Resp: 871751

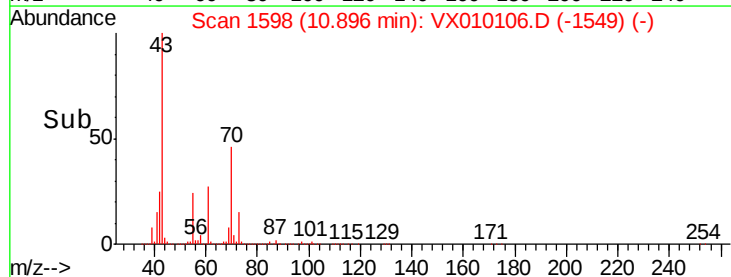
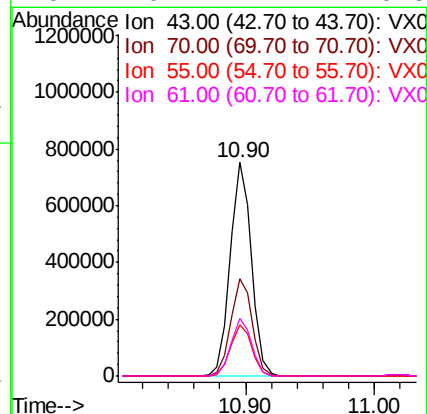
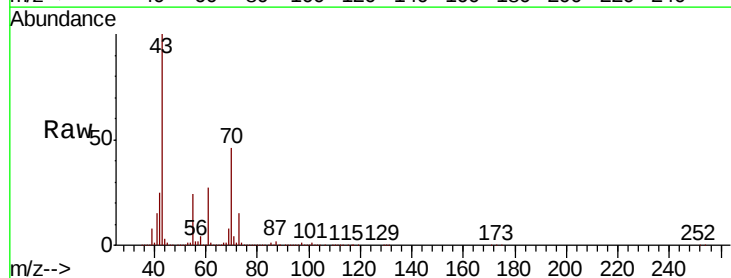
Ion Ratio Lower Upper

43 100

70 46.2 28.6 43.0#

55 24.0 17.8 26.8

61 26.7 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 152.265 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

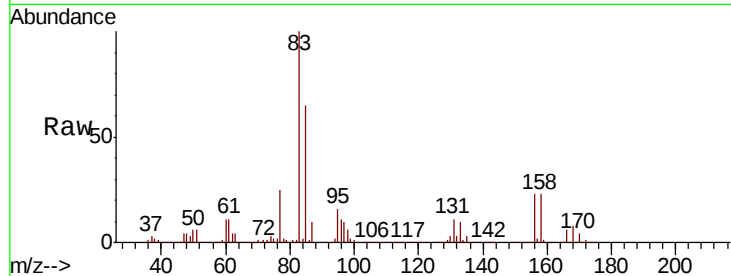
Tgt Ion: 83 Resp: 721758

Ion Ratio Lower Upper

83 100

131 11.1 4.7 14.1

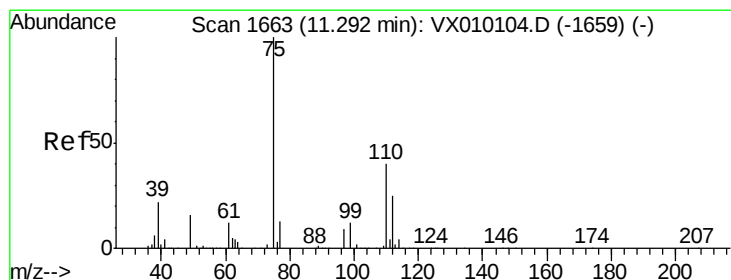
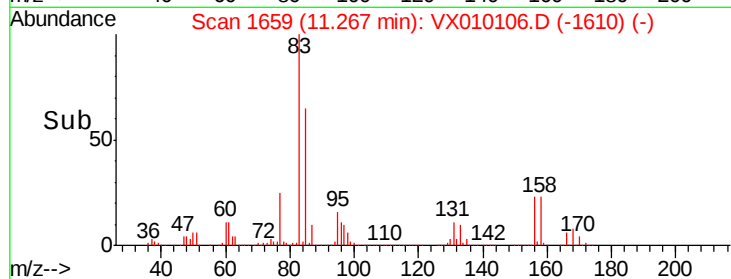
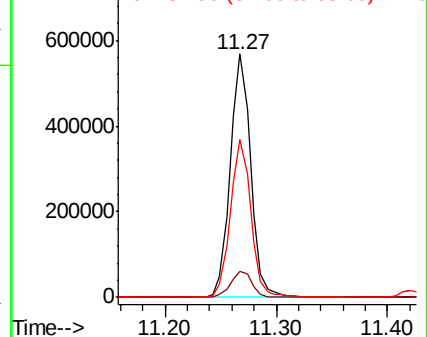
85 64.9 31.9 95.9



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: 220.628 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX010106.D

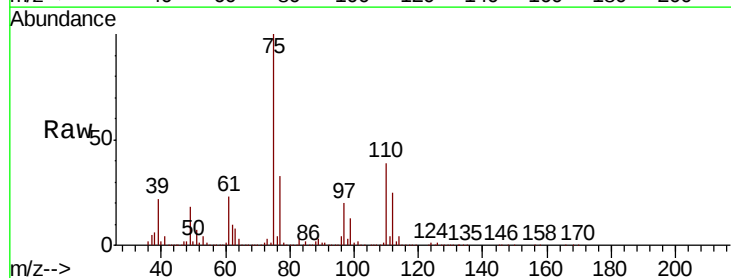
Acq: 07 Jun 2019 13:27

Tgt Ion: 75 Resp: 873356

Ion Ratio Lower Upper

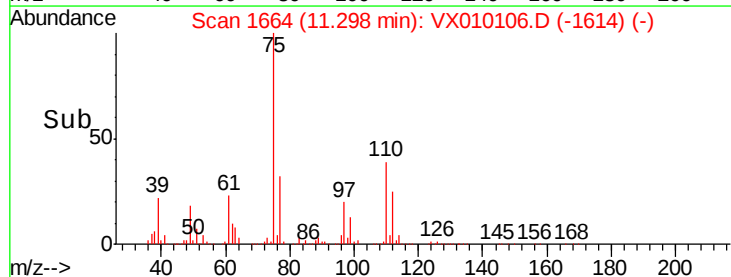
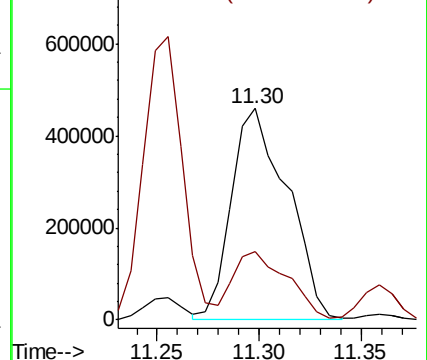
75 100

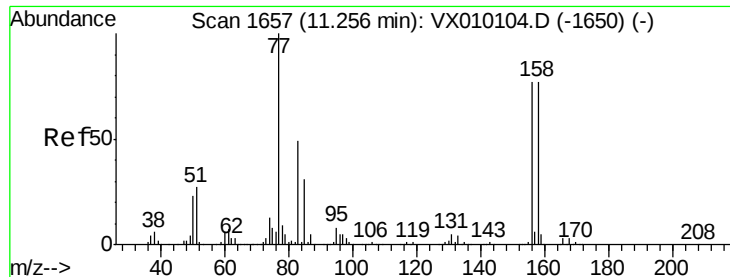
77 31.1 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 148.818 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

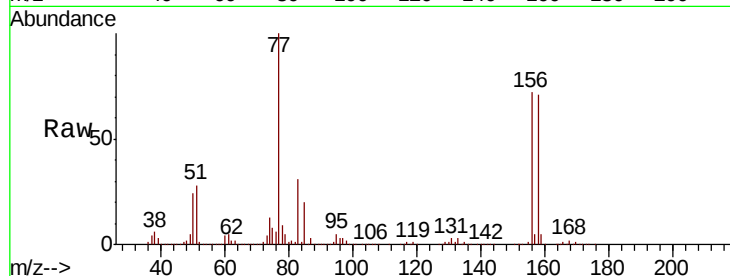
Tgt Ion:156 Resp: 569965

Ion Ratio Lower Upper

156 100

77 144.6 86.8 260.3

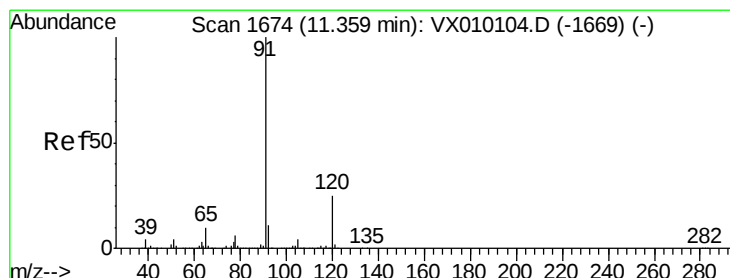
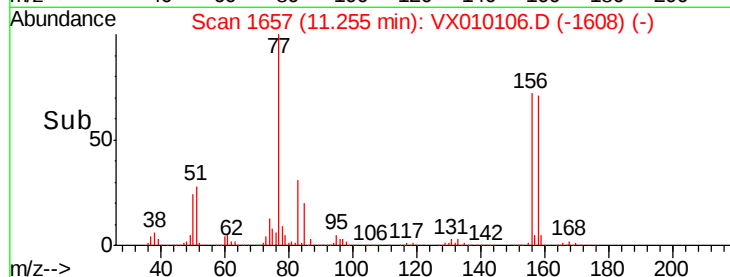
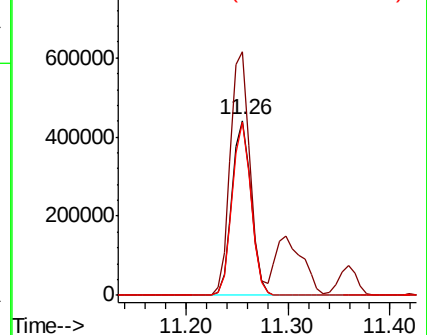
158 97.7 49.6 148.8



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: 152.453 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010106.D

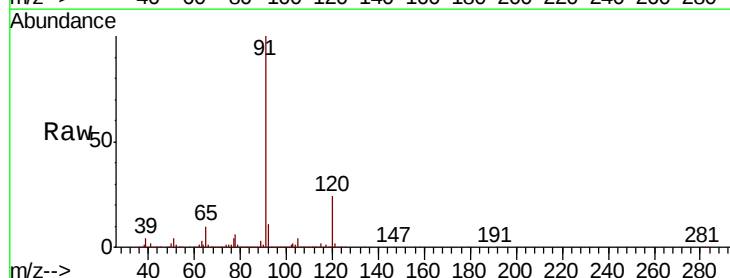
Acq: 07 Jun 2019 13:27

Tgt Ion: 91 Resp: 2397680

Ion Ratio Lower Upper

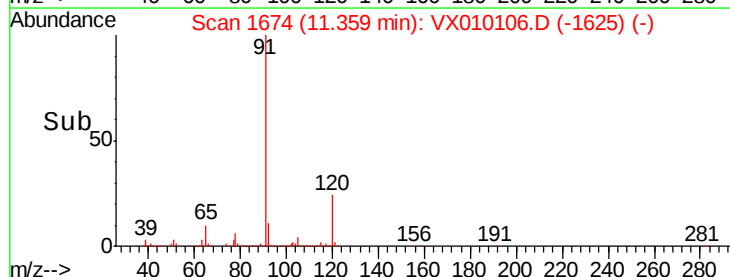
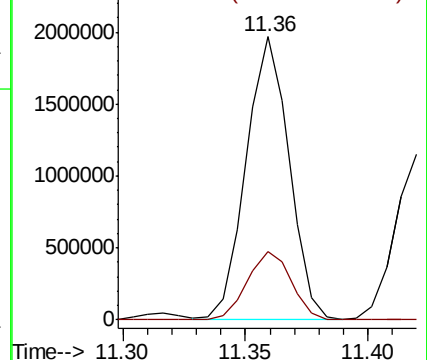
91 100

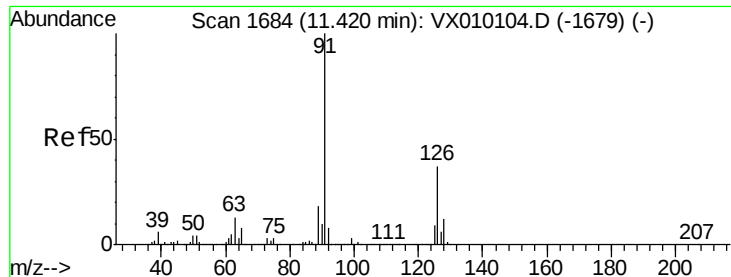
120 24.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

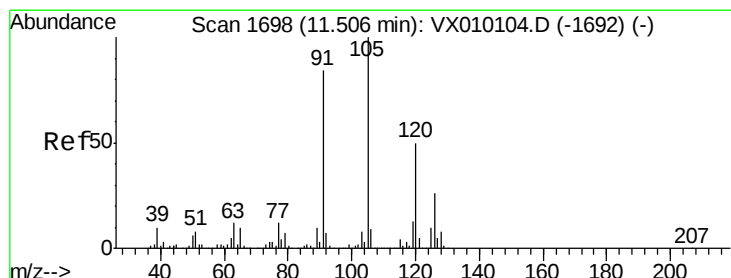
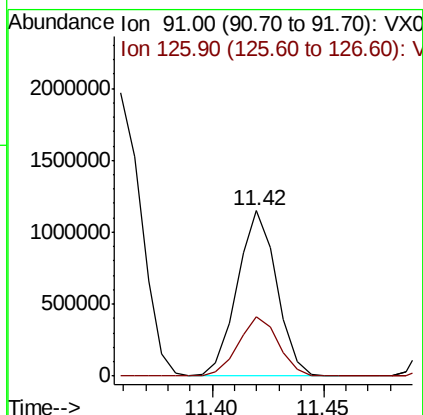
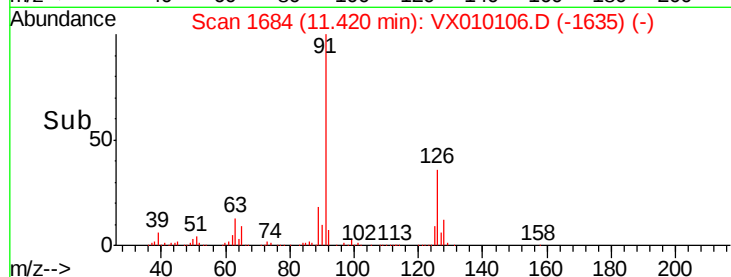
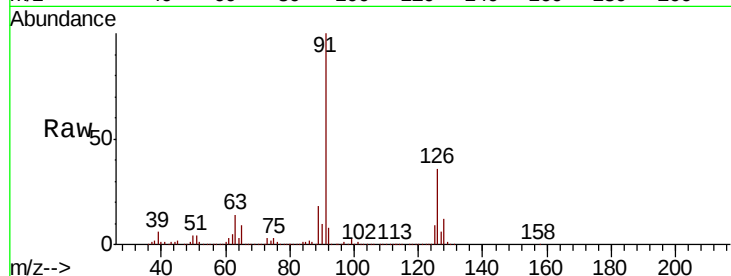




#79
2-Chlorotoluene
Concen: 151.448 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

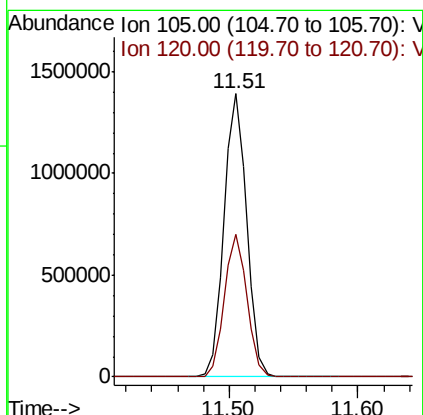
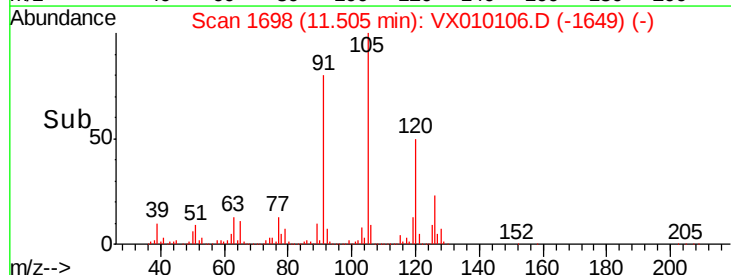
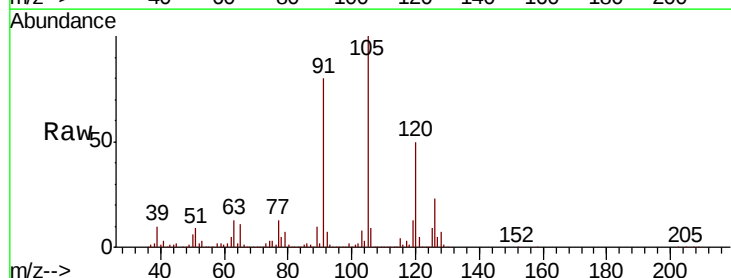
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

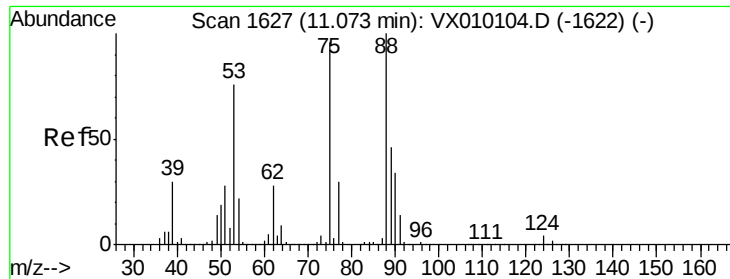
Tgt Ion: 91 Resp: 1416607
Ion Ratio Lower Upper
91 100
126 36.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 147.316 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion: 105 Resp: 1725809
Ion Ratio Lower Upper
105 100
120 50.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 156.670 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

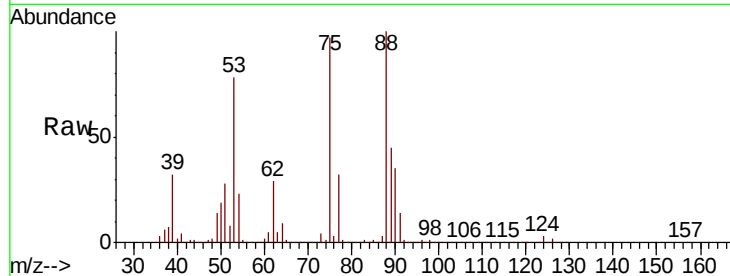
Tgt Ion: 75 Resp: 289136

Ion Ratio Lower Upper

75 100

53 80.0 79.8 119.6

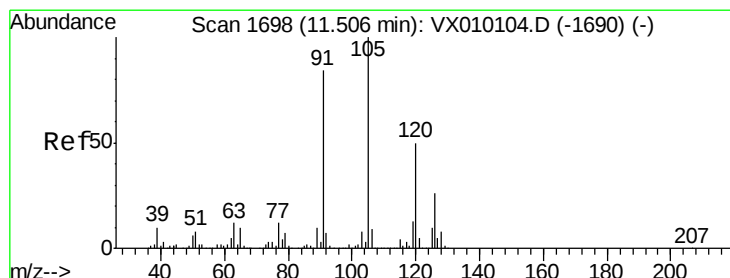
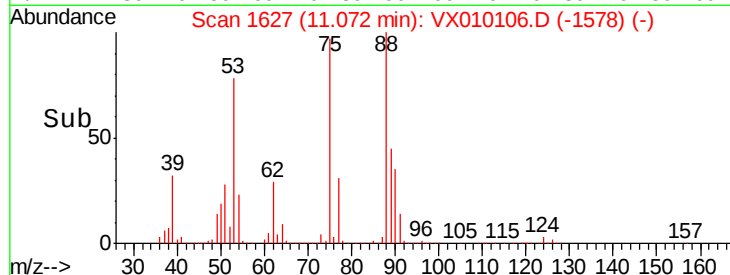
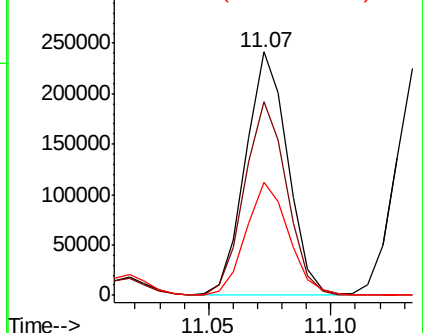
89 47.5 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 147.684 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010106.D

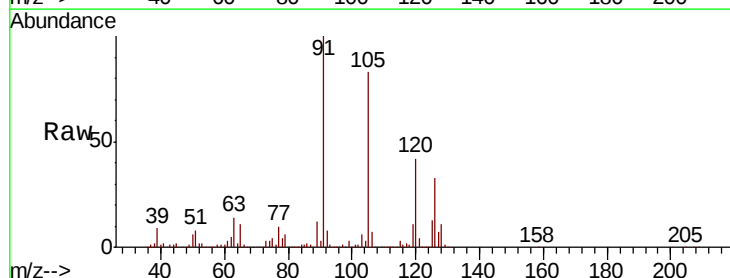
Acq: 07 Jun 2019 13:27

Tgt Ion: 91 Resp: 1597335

Ion Ratio Lower Upper

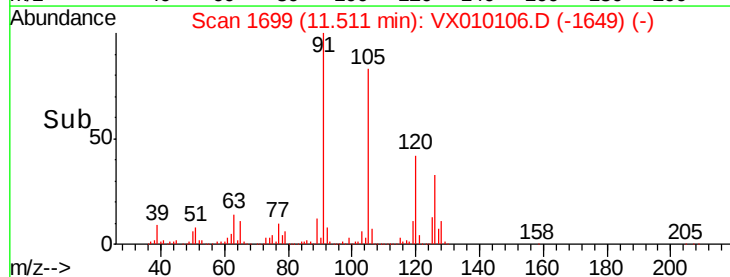
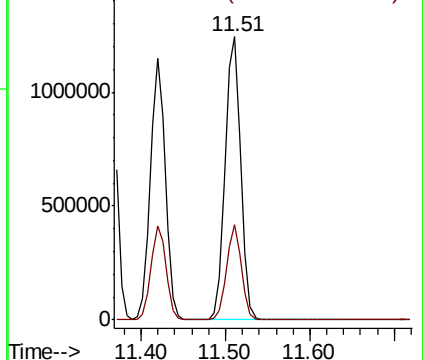
91 100

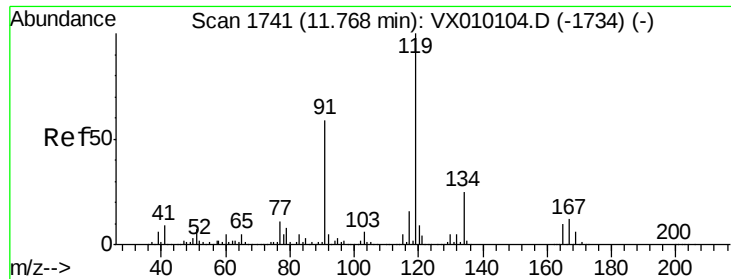
126 31.8 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

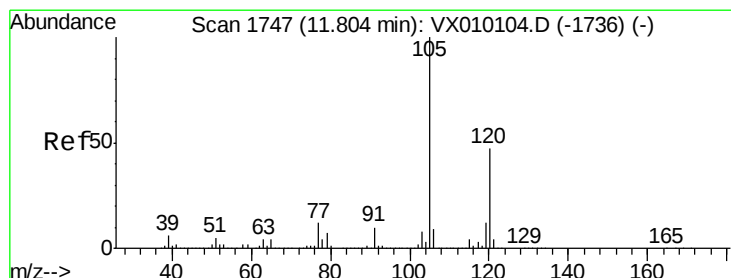
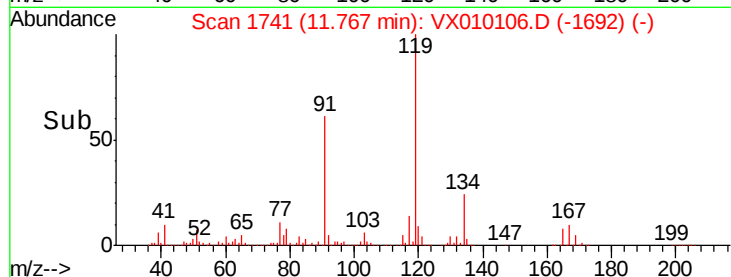
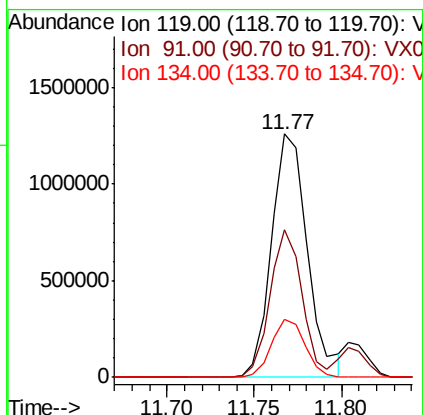
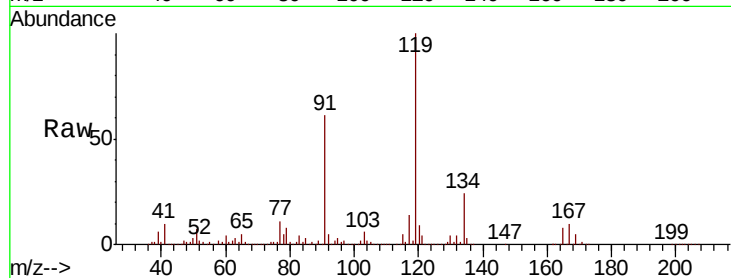




#83
 tert-Butylbenzene
 Concen: 151.918 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

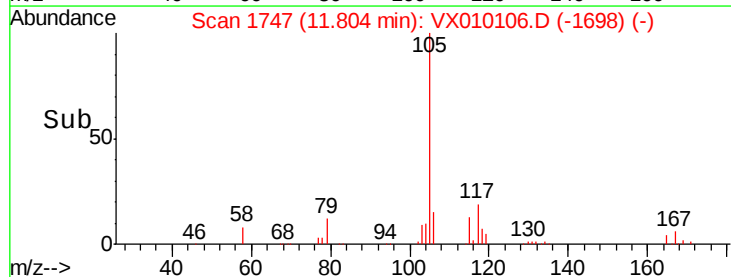
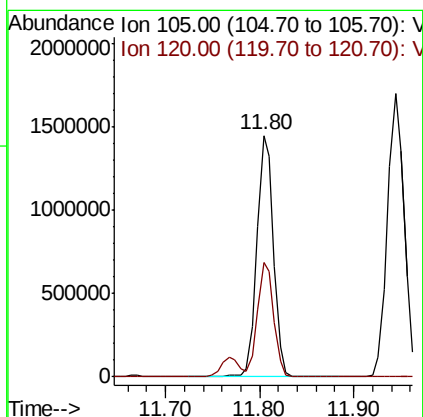
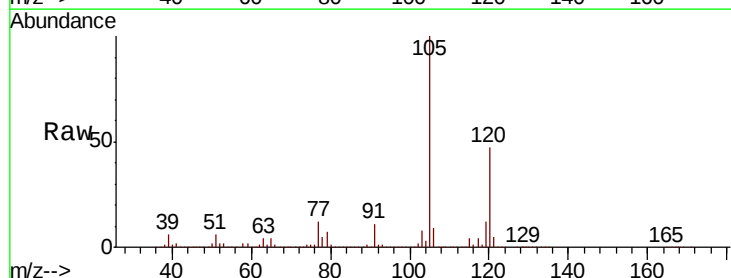
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

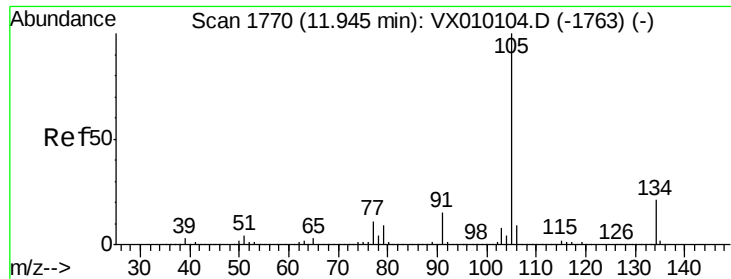
Tgt Ion:119 Resp: 1800117
 Ion Ratio Lower Upper
 119 100
 91 54.4 30.0 90.0
 134 22.5 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 151.874 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion:105 Resp: 1803304
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.1 66.1





#85

sec-Butylbenzene

Concen: 151.631 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

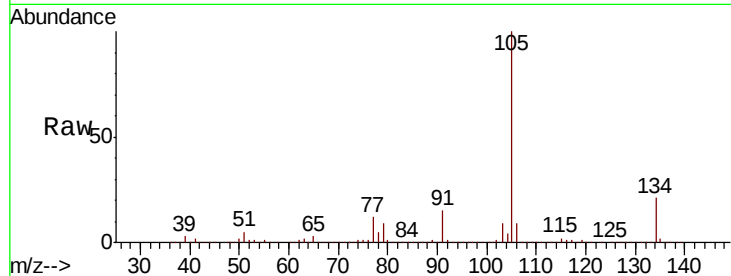
VSTDIC150

Tgt Ion:105 Resp: 2101533

Ion Ratio Lower Upper

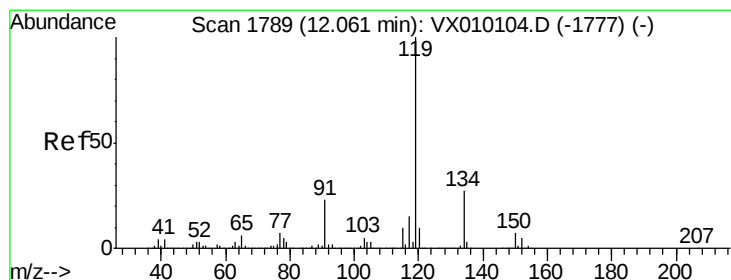
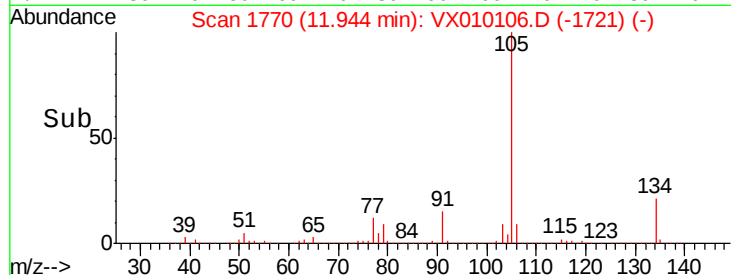
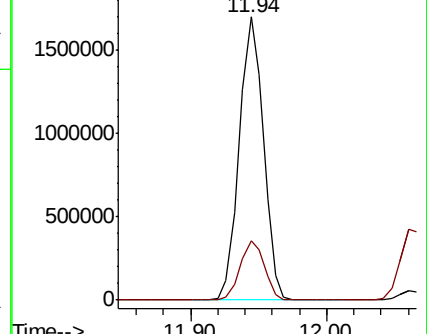
105 100

134 21.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

2000000 Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 150.984 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

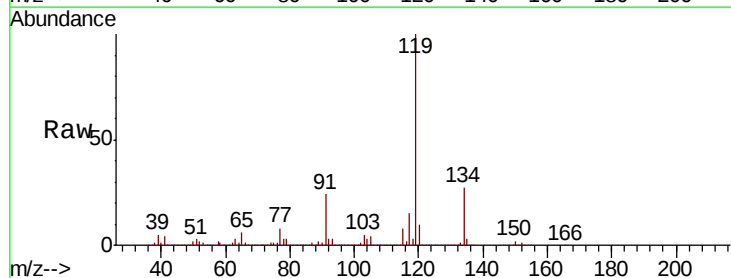
Tgt Ion:119 Resp: 1925472

Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

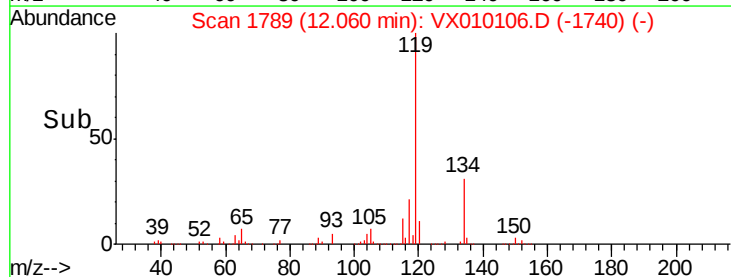
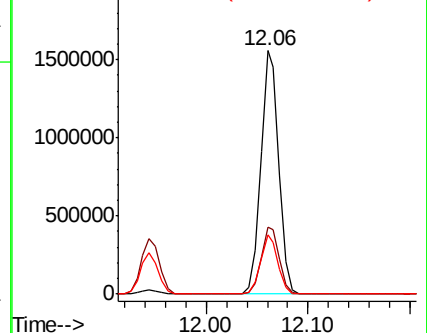
91 23.4 11.9 35.9

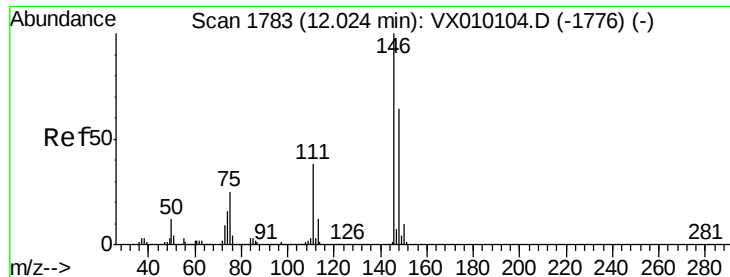


Abundance Ion 119.00 (118.70 to 119.70): V

2000000 Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

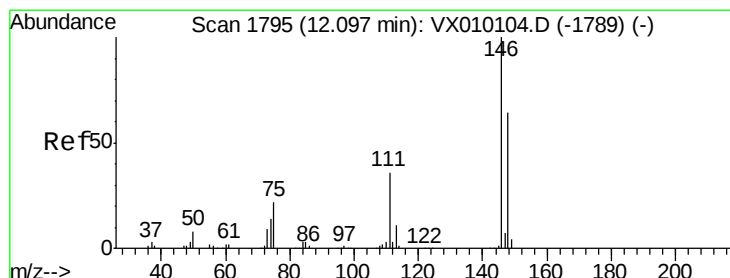
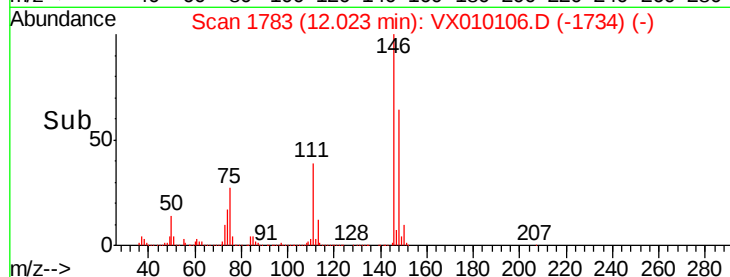
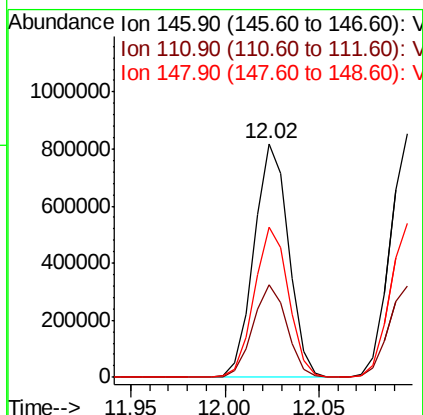
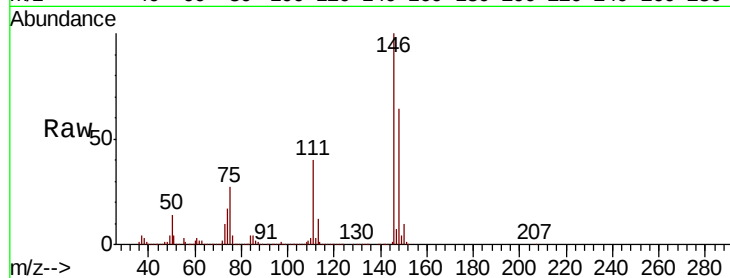




#87
 1,3-Dichlorobenzene
 Concen: 153.430 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

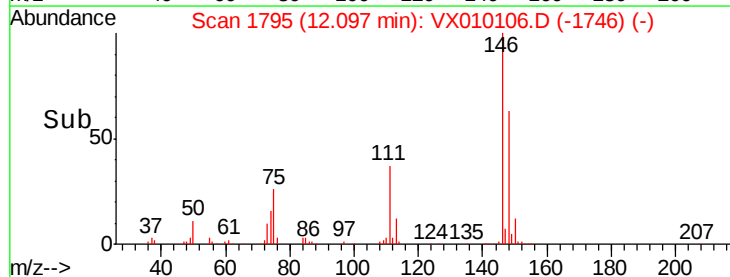
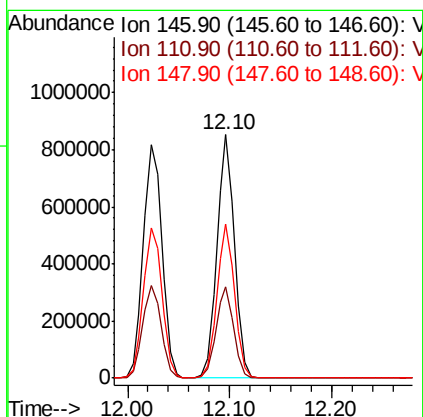
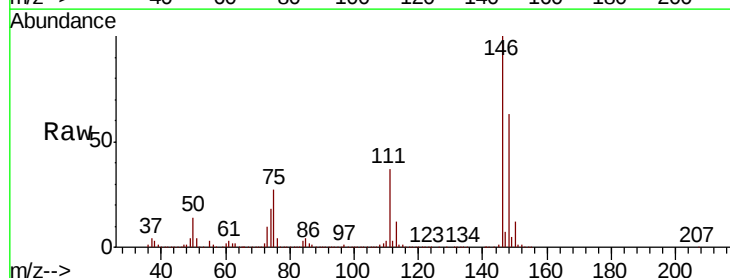
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

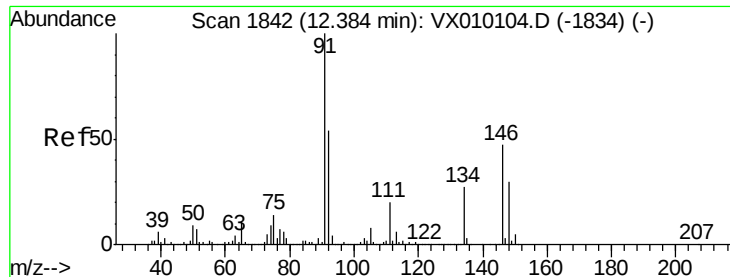
Tgt Ion:146 Resp: 1038354
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.1 60.2
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 154.843 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion:146 Resp: 1032126
 Ion Ratio Lower Upper
 146 100
 111 37.4 20.0 59.9
 148 63.7 32.3 96.9

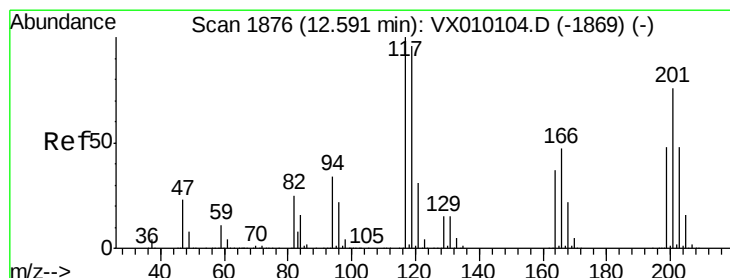
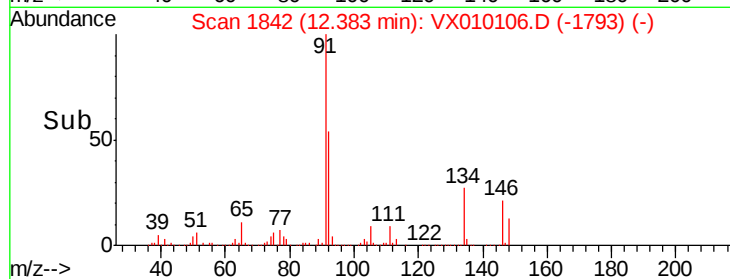
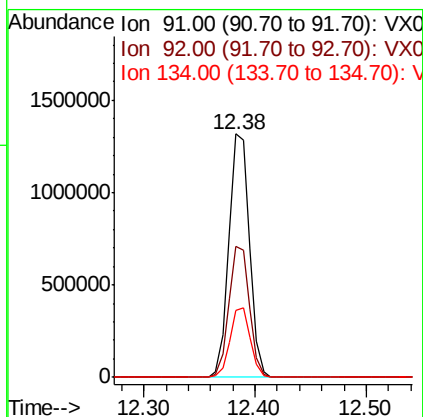
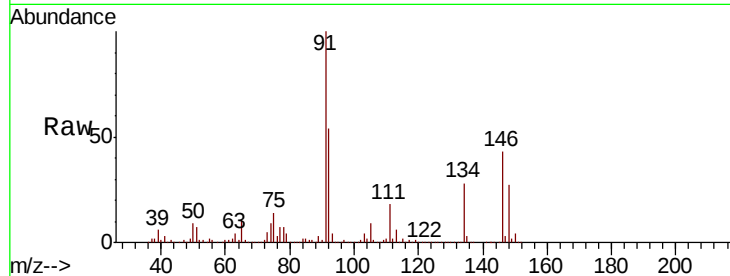




#89
n-Butylbenzene
Concen: 151.957 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

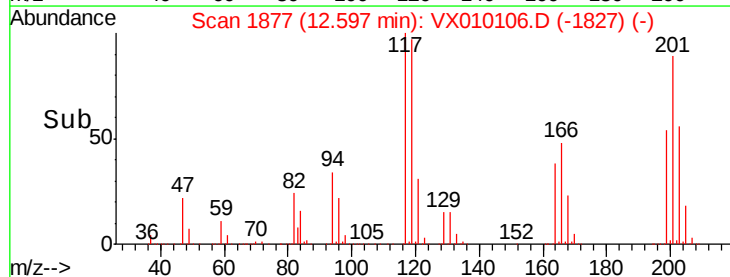
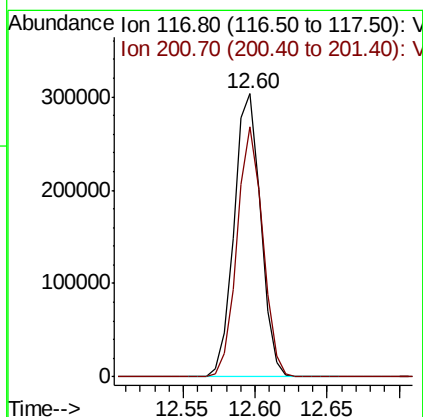
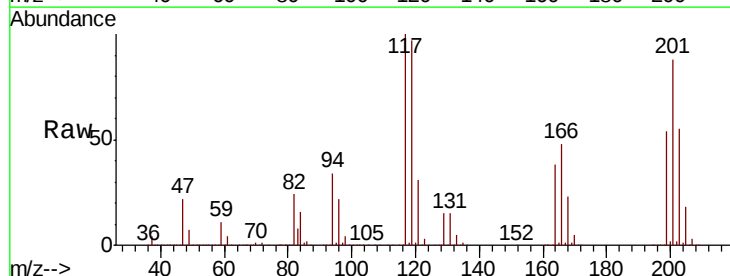
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

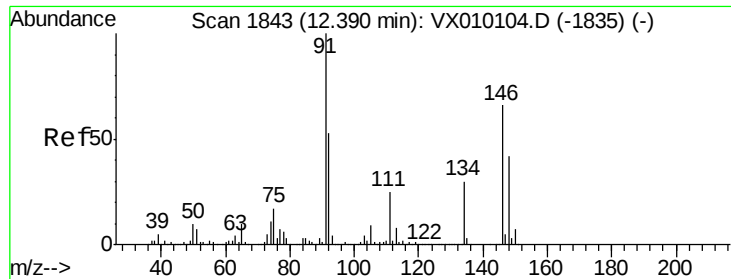
Tgt Ion: 91 Resp: 1679097
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.8
134 28.1 12.3 36.8



#90
Hexachloroethane
Concen: 156.553 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010106.D
Acq: 07 Jun 2019 13:27

Tgt Ion: 117 Resp: 394213
Ion Ratio Lower Upper
117 100
201 84.9 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 148.489 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

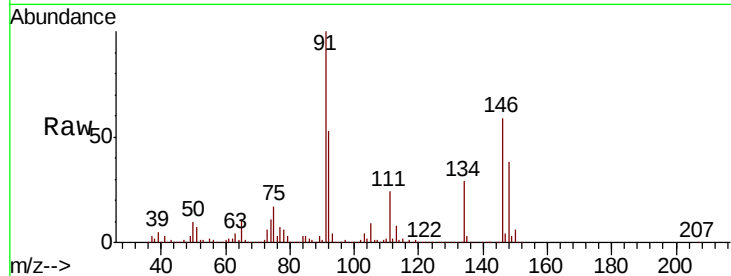
Tgt Ion:146 Resp: 972938

Ion Ratio Lower Upper

146 100

111 40.2 21.1 63.1

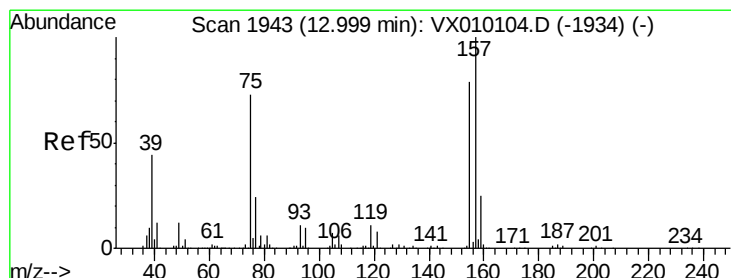
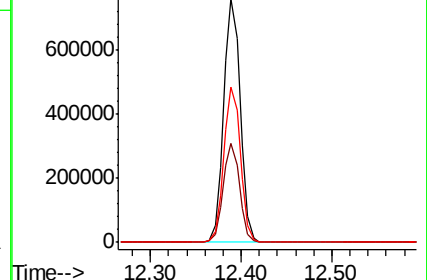
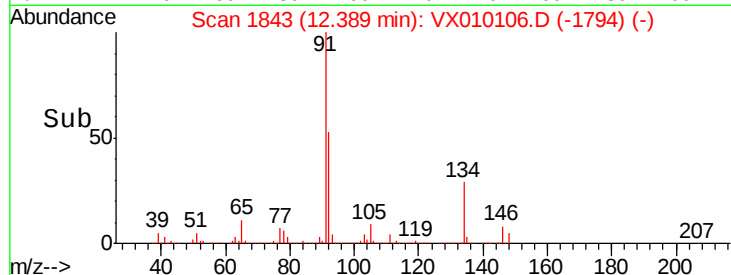
148 63.8 32.3 96.8



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: 165.236 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

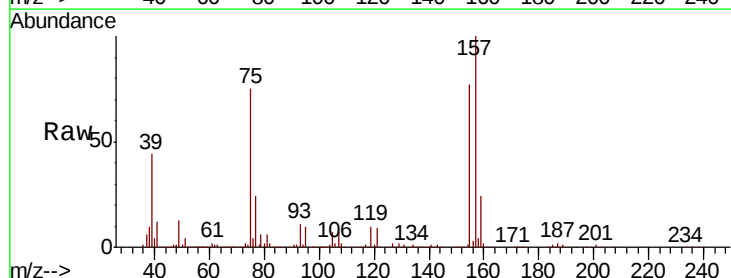
Tgt Ion: 75 Resp: 179792

Ion Ratio Lower Upper

75 100

155 101.3 39.3 117.8

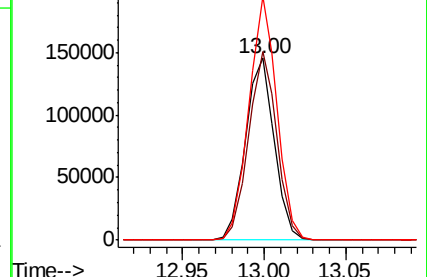
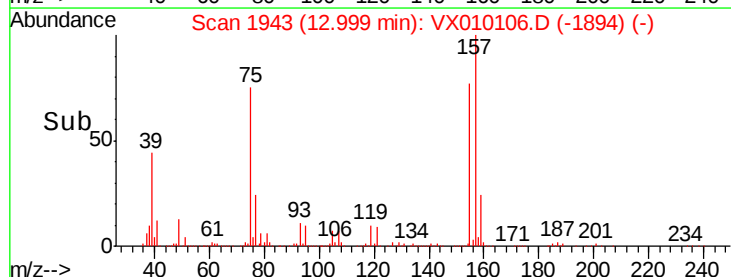
157 129.9 50.6 151.8



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

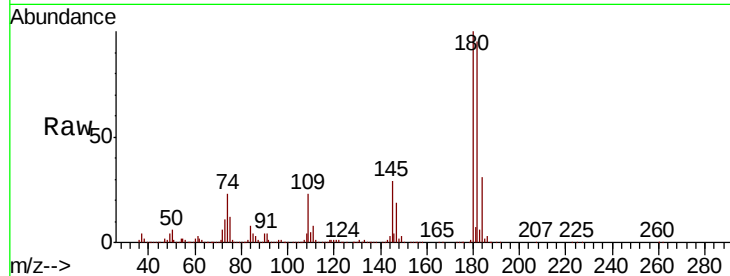




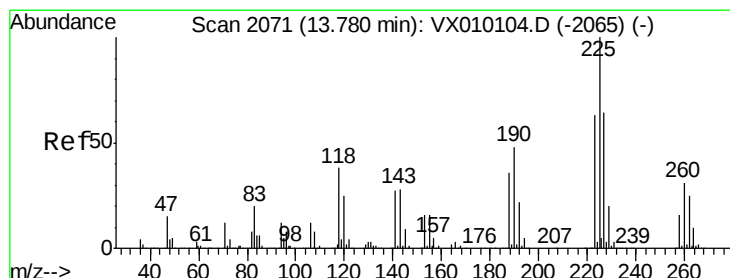
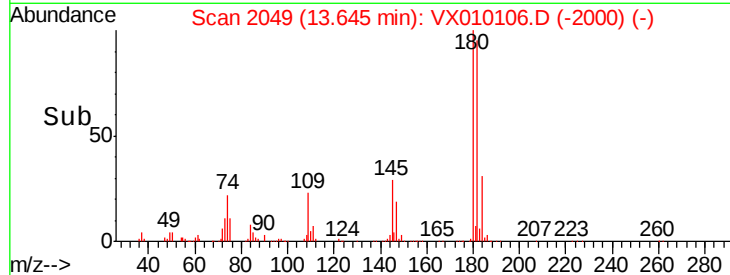
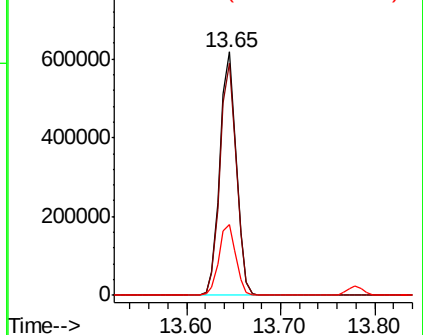
#93
 1,2,4-Trichlorobenzene
 Concen: 160.296 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.4	142.2
145	29.9	14.5	43.5

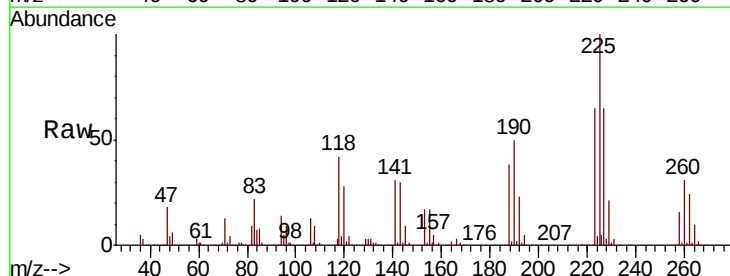


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

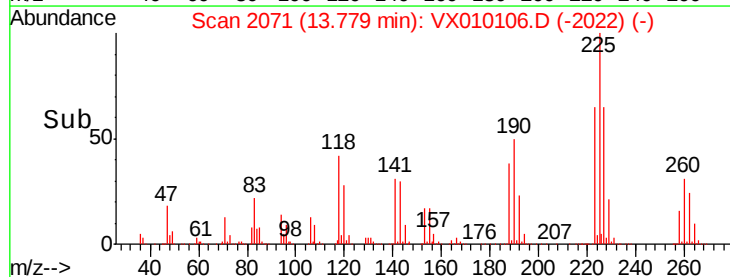
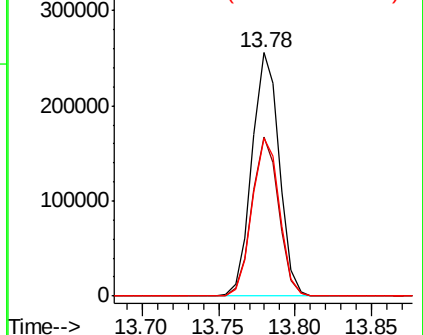


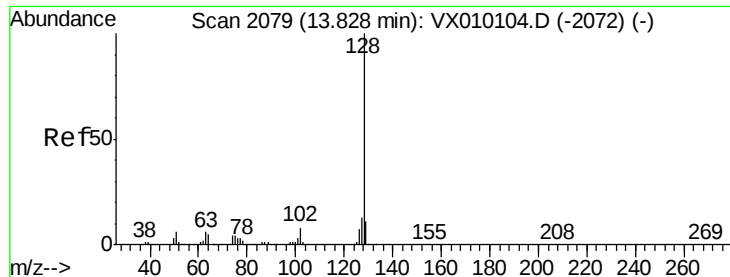
#94
 Hexachlorobutadiene
 Concen: 152.273 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010106.D
 Acq: 07 Jun 2019 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.3	93.8
227	65.1	32.3	96.8



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: 158.161 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

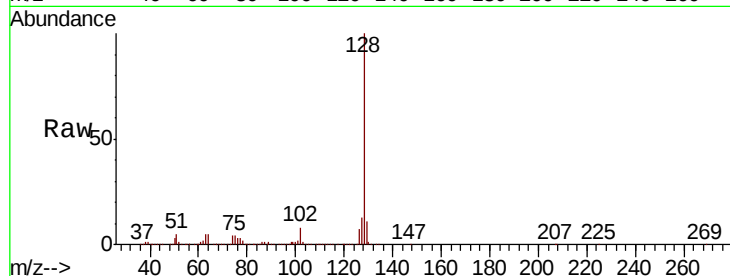
Tgt Ion:128 Resp: 2385358

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

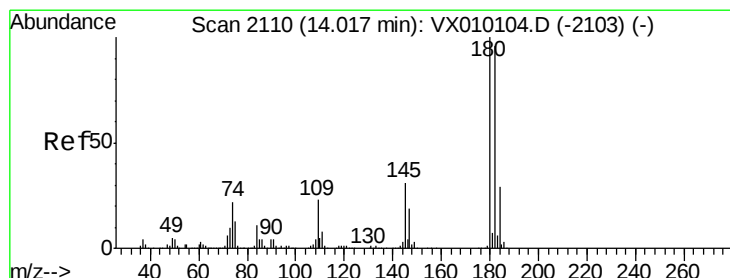
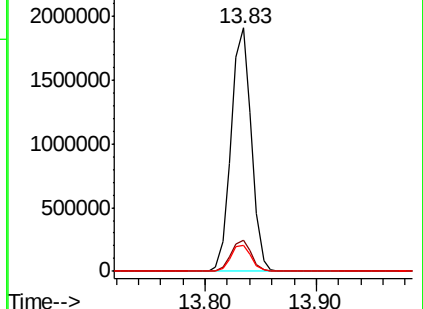
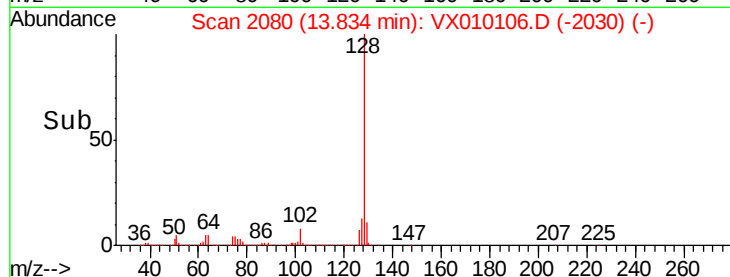
129 11.0 8.8 13.2



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: 160.512 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010106.D

Acq: 07 Jun 2019 13:27

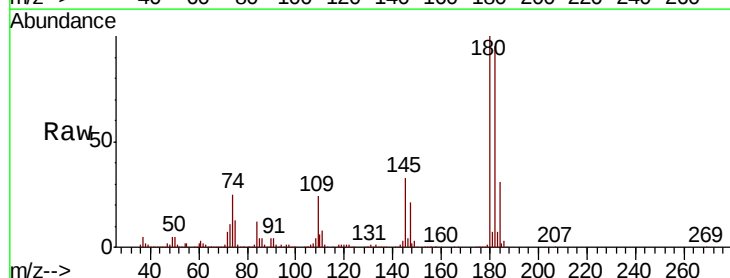
Tgt Ion:180 Resp: 743847

Ion Ratio Lower Upper

180 100

182 96.0 47.3 142.0

145 31.9 15.6 46.7



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

