

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010672.D
 Acq On : 04 Jul 2019 07:05
 Operator : JC/SP
 Sample : K3669-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701

Quant Time: Jul 05 00:56:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157970	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116325	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
35) Dibromofluoromethane	5.50	113	108647	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	8.71	98	430190	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.13	95	148453	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	1068	0.571	ug/l #	80
4) Vinyl Chloride	1.41	62	5453	2.661	ug/l #	71
5) Bromomethane	1.67	94	534	0.535	ug/l #	68
6) Chloroethane	1.70	64	1339	1.107	ug/l #	41
11) Tert butyl alcohol	3.04	59	2308	4.070	ug/l #	65
16) Acetone	2.44	43	5966	5.493	ug/l	92
17) Carbon Disulfide	2.57	76	1152	0.214	ug/l #	75
18) Methyl Acetate	2.78	43	480	0.222	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	454	0.211	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	17225	6.917	ug/l	89
31) Cyclohexane	5.60	56	896	0.286	ug/l #	71
36) 1,1-Dichloropropene	5.66	75	14447	5.111	ug/l #	48
38) Carbon Tetrachloride	5.66	117	20275	6.624	ug/l #	14
39) Methylcyclohexane	7.45	83	3491	0.940	ug/l #	54
40) Benzene	6.15	78	3606	0.409	ug/l #	90
43) Isopropyl Acetate	6.35	43	10349	2.151	ug/l #	58
44) Trichloroethene	7.21	130	642	0.244	ug/l	68
48) Methyl methacrylate	7.84	41	1827	0.817	ug/l #	64
49) 1,4-Dioxane	7.76	88	40	0.621	ug/l #	1
52) Toluene	8.78	92	1195	0.206	ug/l	86
65) Chlorobenzene	10.14	112	1156767	173.170	ug/l	98
73) Isopropylbenzene	11.02	105	12114	1.131	ug/l	97
74) N-amyl acetate	10.94	43	1301	0.321	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	779	0.220	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	72249	25.098	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	72249	58.552	ug/l #	16
83) tert-Butylbenzene	11.77	119	30575	3.451	ug/l	89
85) sec-Butylbenzene	11.94	105	28731	2.762	ug/l #	55
86) p-Isopropyltoluene	12.23	119	124622	12.951	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	1621	0.311	ug/l #	77
88) 1,4-Dichlorobenzene	12.10	146	3248	0.611	ug/l #	44
89) n-Butylbenzene	12.37	91	2250	0.275	ug/l #	49
90) Hexachloroethane	12.70	117	23144	13.910	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.98	75	314	0.411	ug/l #	1

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

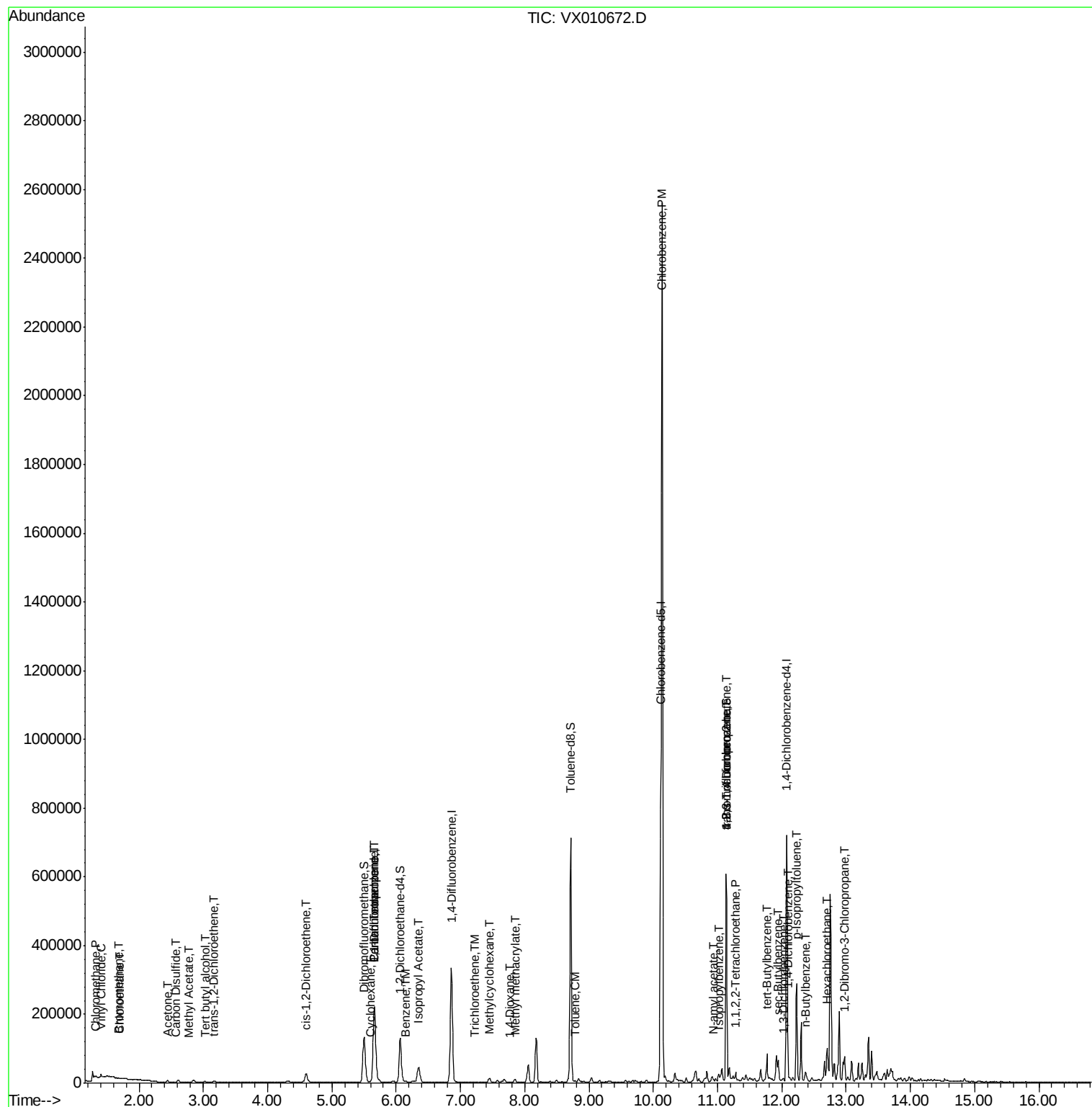
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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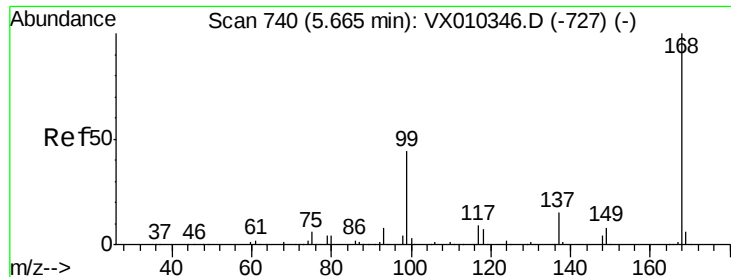
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

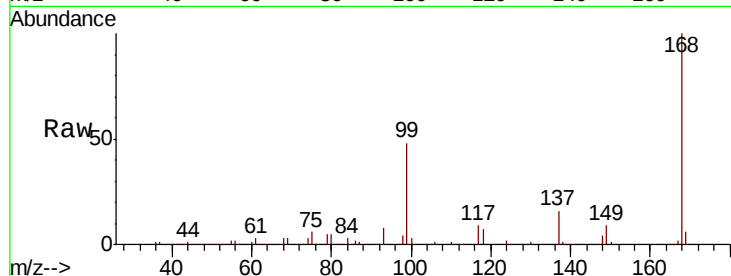
DUP-0533-190701

Tot Ion:168 Resp: 231150

Ion Ratio Lower Upper

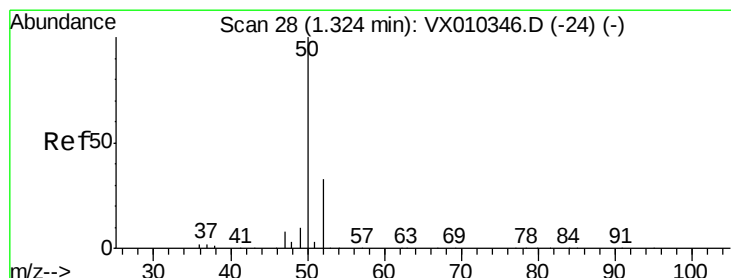
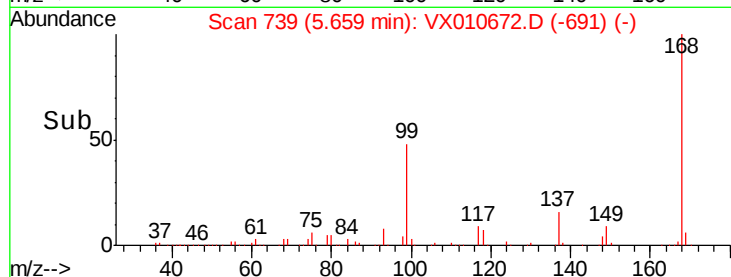
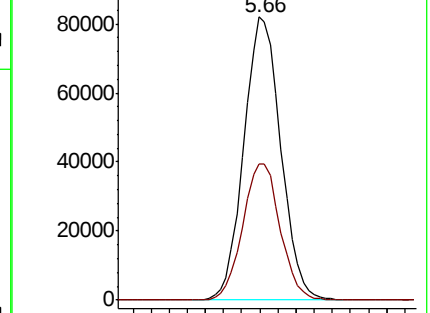
168 100

99 48.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.571 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010672.D

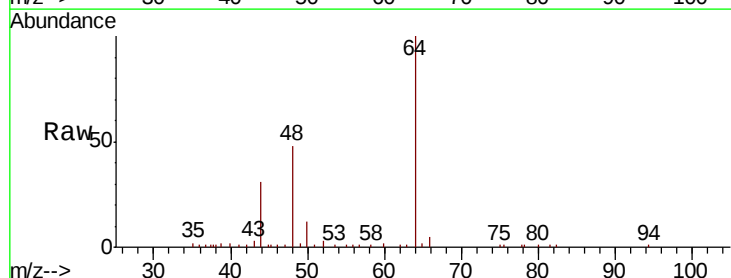
Acq: 04 Jul 2019 07:05

Tgt Ion: 50 Resp: 1068

Ion Ratio Lower Upper

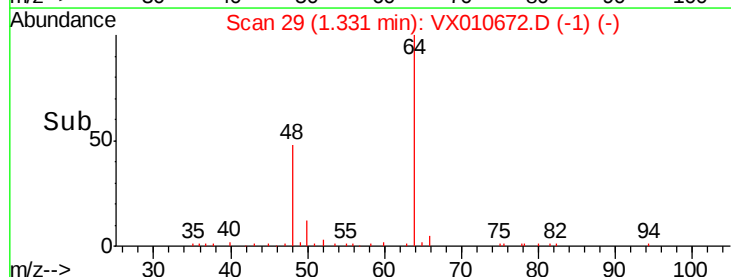
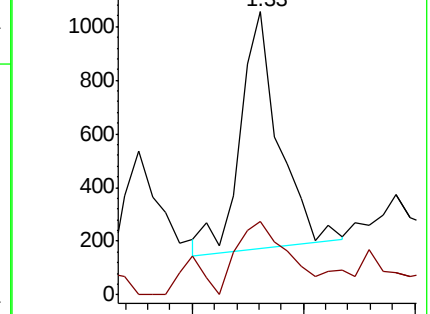
50 100

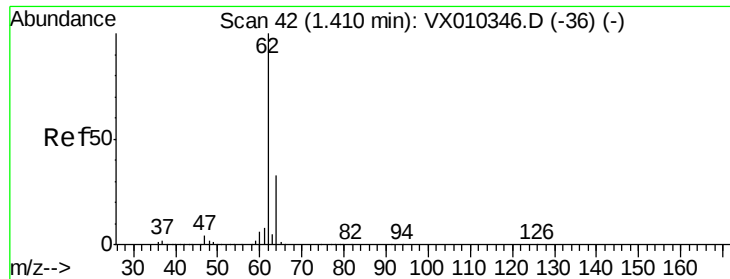
52 21.5 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 2.661 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

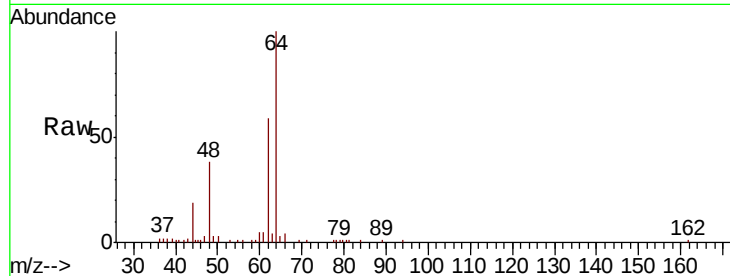
DUP-0533-190701

Tot Ion: 62 Resp: 5453

Ion Ratio Lower Upper

62 100

64 49.2 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

10000

8000

6000

4000

2000

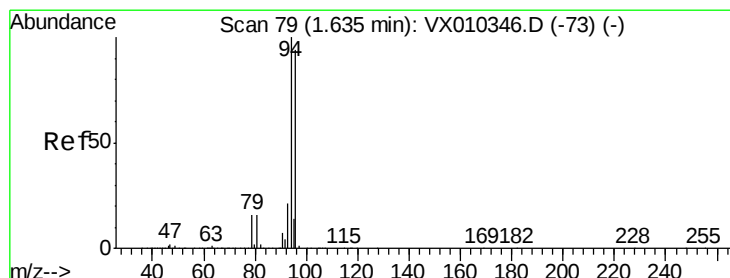
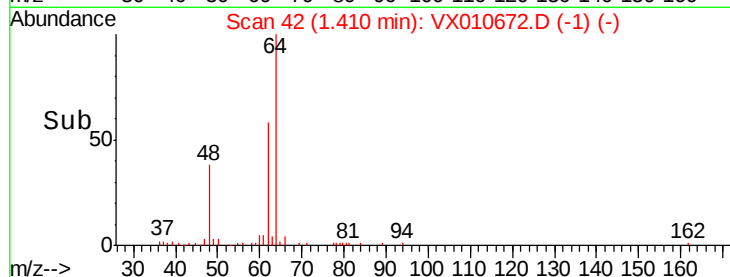
0

1.35

1.40

1.45

Time-->



#5

Bromomethane

Concen: 0.535 ug/l

RT: 1.67 min Scan# 85

Delta R.T. 0.04 min

Lab File: VX010672.D

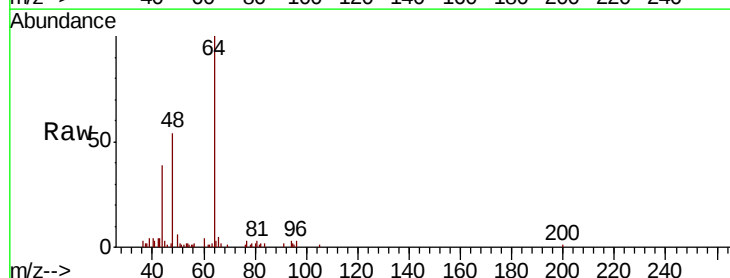
Acq: 04 Jul 2019 07:05

Tgt Ion: 94 Resp: 534

Ion Ratio Lower Upper

94 100

96 63.8 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

300

250

200

150

100

50

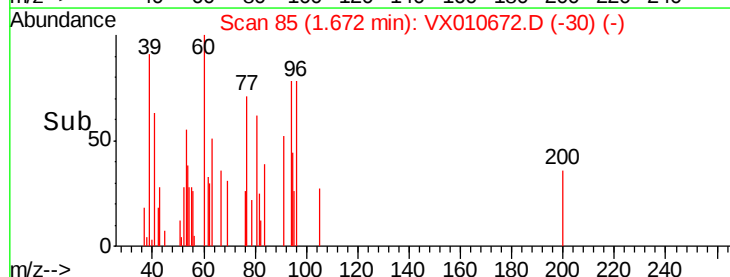
0

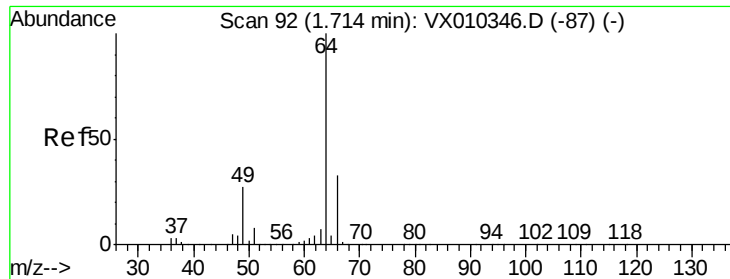
1.60

1.65

1.70

Time-->





#6

Chloroethane

Concen: 1.107 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

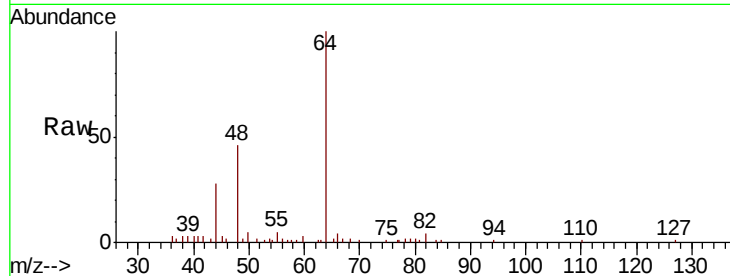
DUP-0533-190701

Tot Ion: 64 Resp: 1339

Ion Ratio Lower Upper

64 100

66 0.0 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

6000

5000

4000

3000

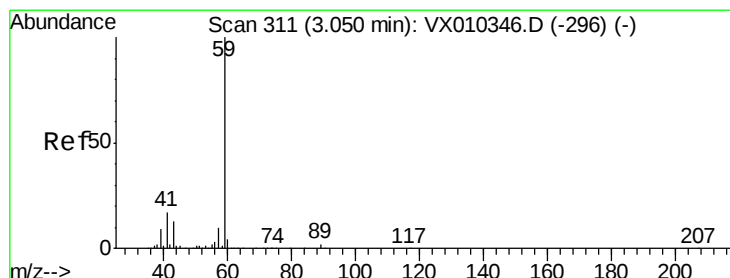
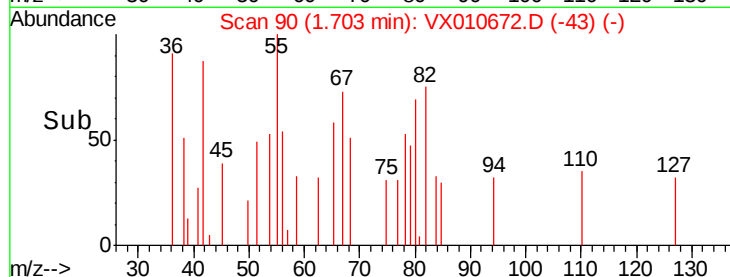
2000

1000

0

Time-->

1.68 1.69 1.70 1.71 1.72



#11

Tert butyl alcohol

Concen: 4.070 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX010672.D

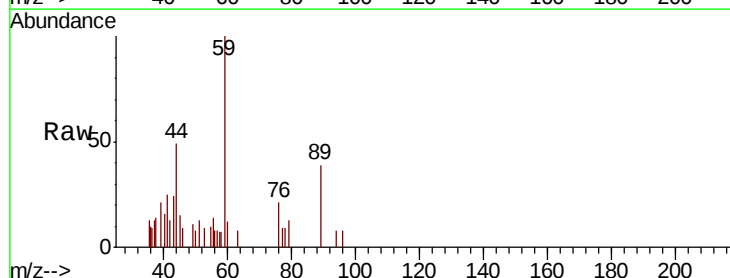
Acq: 04 Jul 2019 07:05

Tgt Ion: 59 Resp: 2308

Ion Ratio Lower Upper

59 100

57 22.5 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1000

800

600

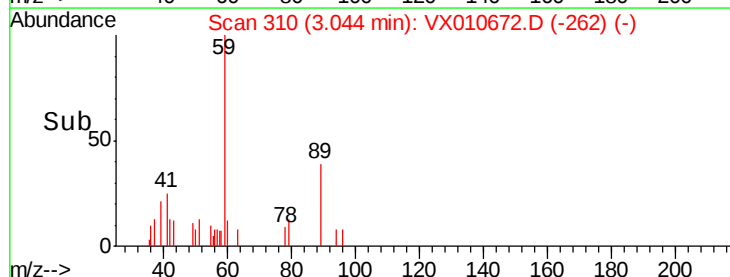
400

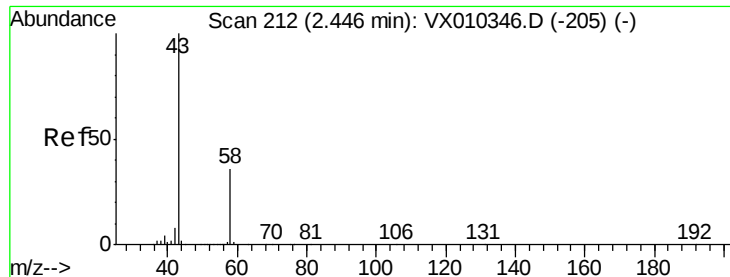
200

0

Time-->

3.00 3.10





#16

Acetone

Concen: 5.493 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

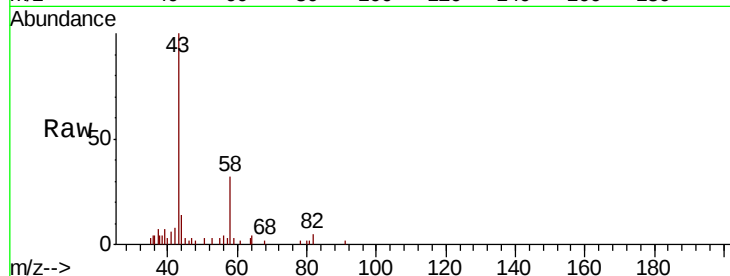
DUP-0533-190701

Tot Ion: 43 Resp: 5966

Ion Ratio Lower Upper

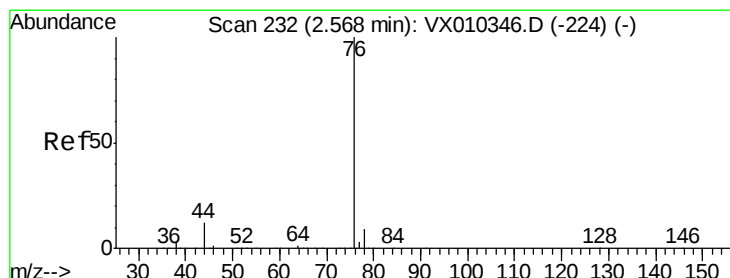
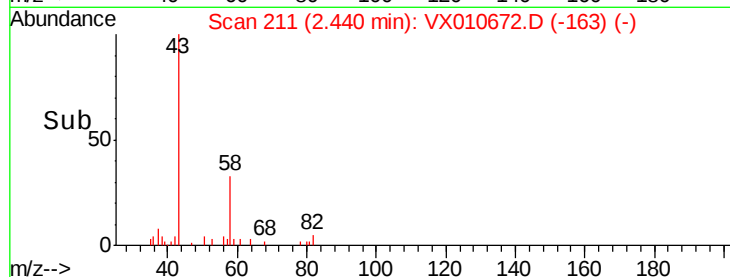
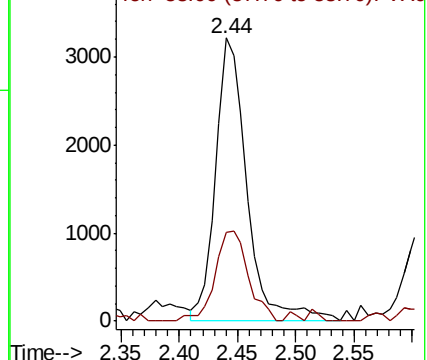
43 100

58 31.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.214 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010672.D

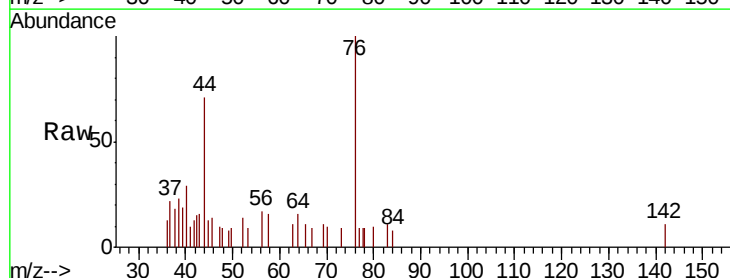
Acq: 04 Jul 2019 07:05

Tgt Ion: 76 Resp: 1152

Ion Ratio Lower Upper

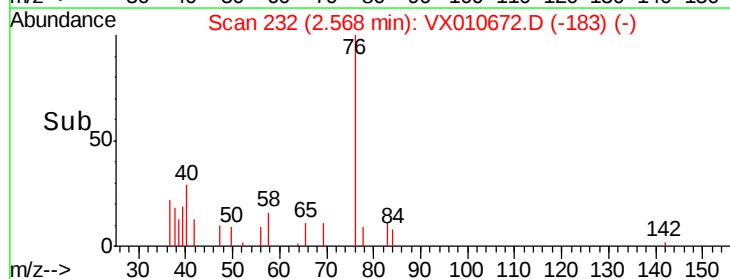
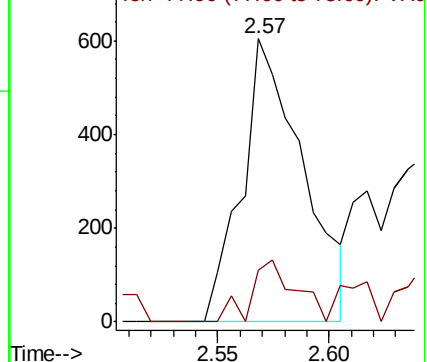
76 100

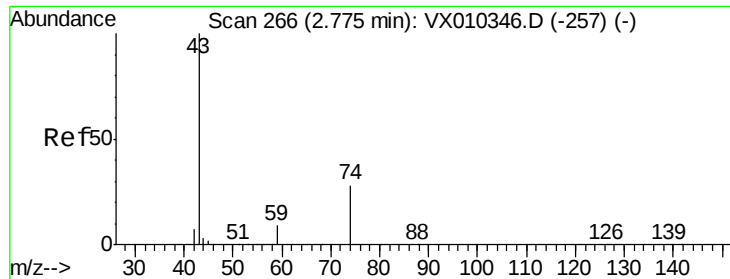
78 18.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

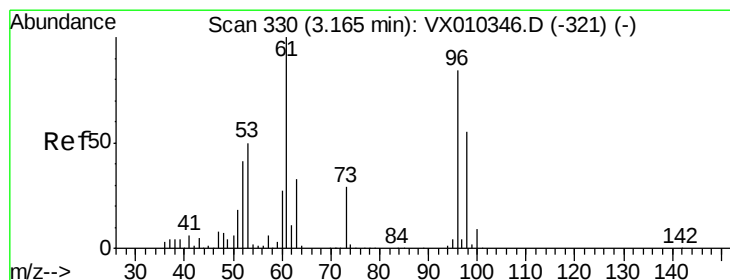
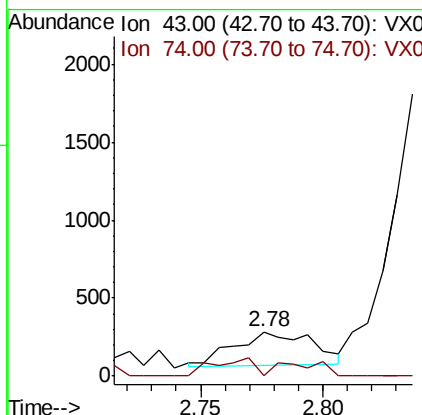
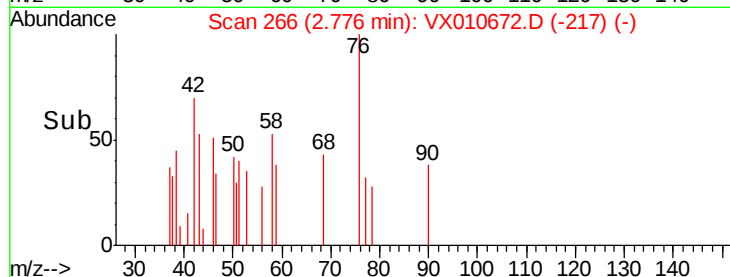
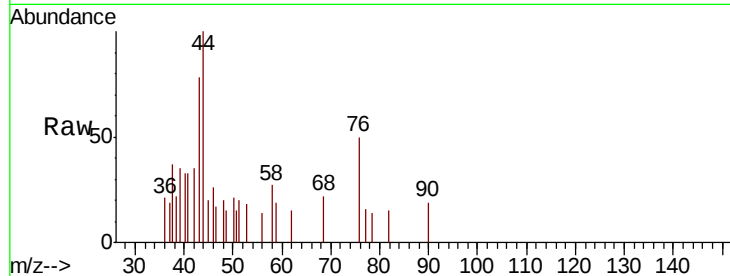




#18
Methyl Acetate
Concen: 0.222 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

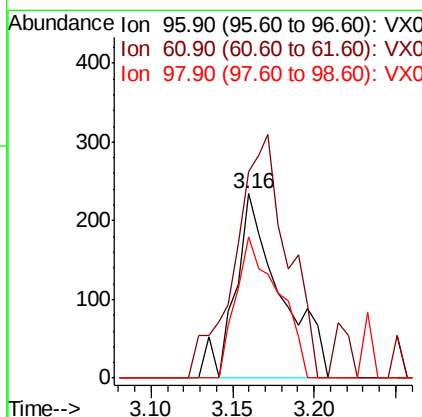
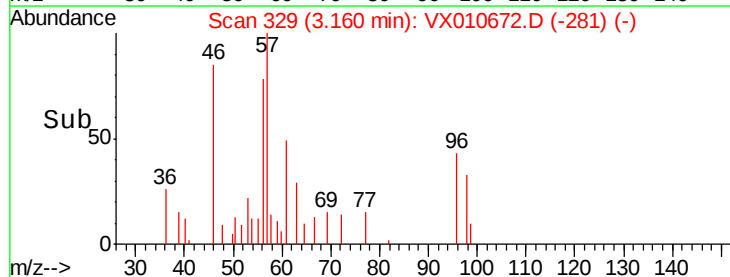
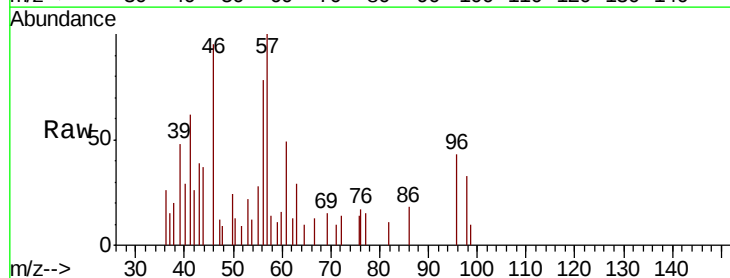
Instrument :
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DUP-0533-190701

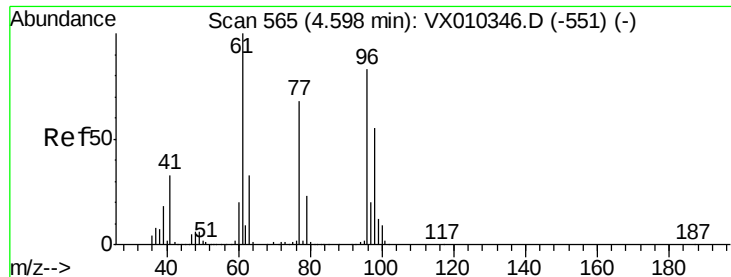
Tot Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
74 26.9 21.3 31.9



#21
trans-1,2-Dichloroethene
Concen: 0.211 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

Tgt Ion: 96 Resp: 454
Ion Ratio Lower Upper
96 100
61 112.4 95.6 143.4
98 76.9 52.5 78.7





#27

cis-1,2-Dichloroethene

Concen: 6.917 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701

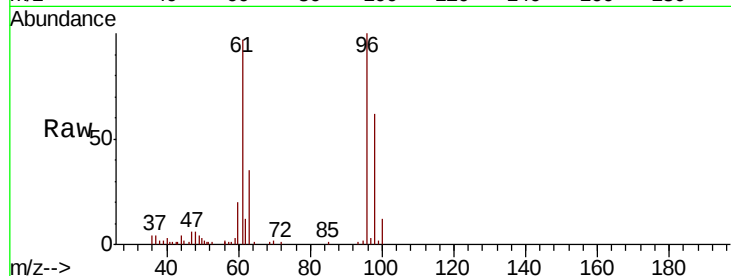
Tot Ion: 96 Resp: 17225

Ion Ratio Lower Upper

96 100

61 108.9 0.0 251.8

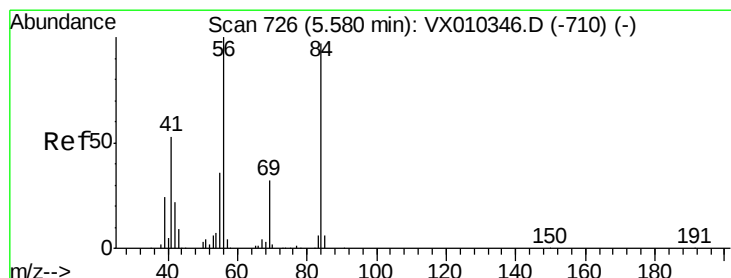
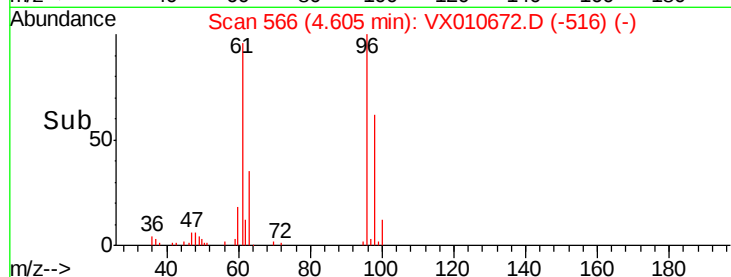
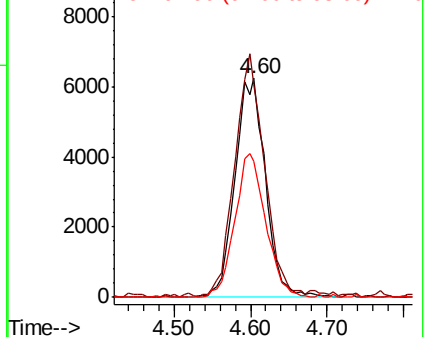
98 66.4 0.0 129.4



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



#31

Cyclohexane

Concen: 0.286 ug/l

RT: 5.60 min Scan# 729

Delta R.T. 0.02 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

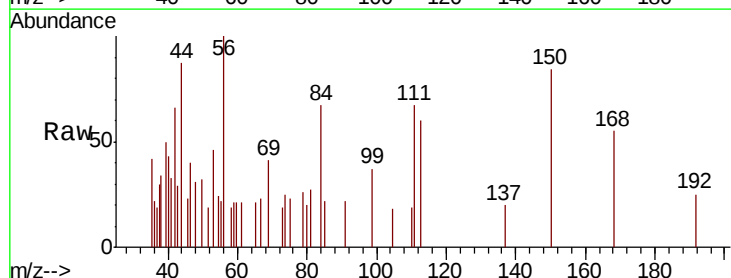
Tgt Ion: 56 Resp: 896

Ion Ratio Lower Upper

56 100

69 18.8 25.9 38.9#

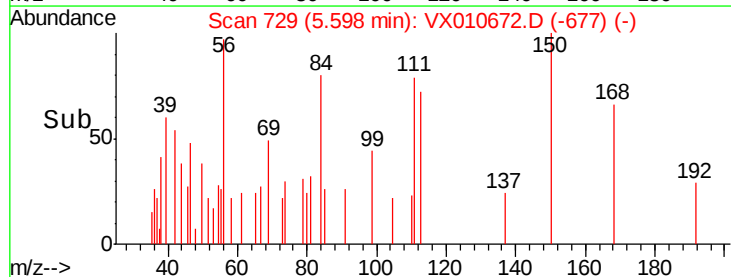
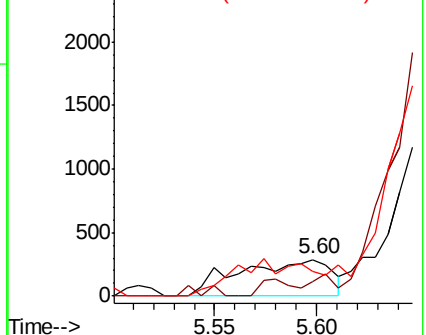
84 66.9 78.0 117.0#

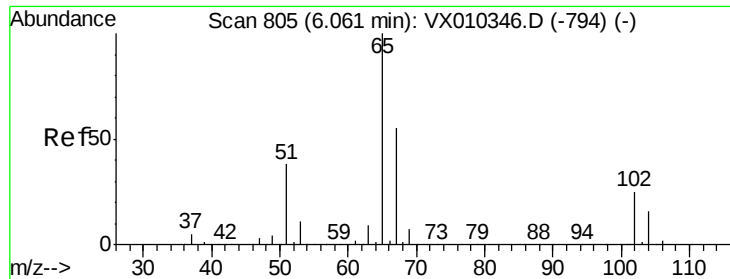


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 53.674 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

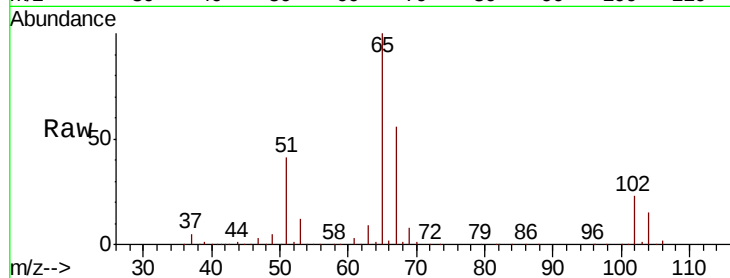
DUP-0533-190701

Tot Ion: 65 Resp: 116325

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

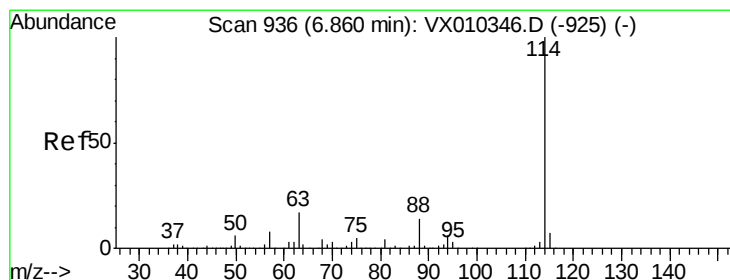
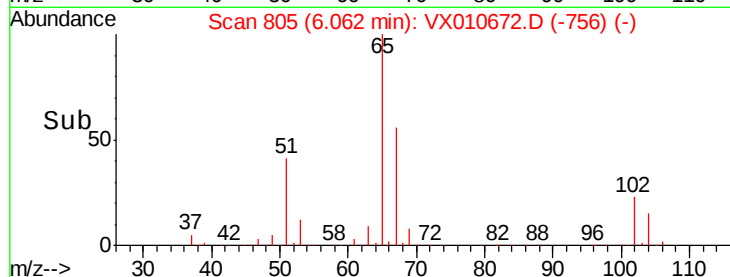
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

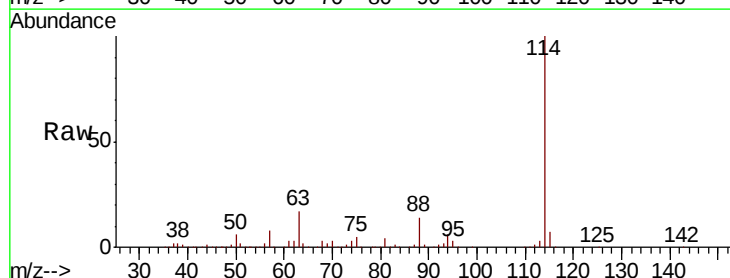
Tgt Ion: 114 Resp: 355719

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.8

88 13.7 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

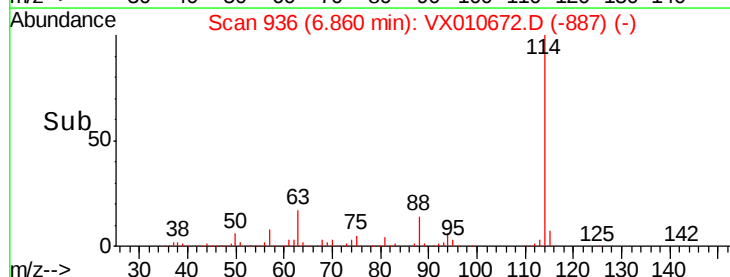
150000

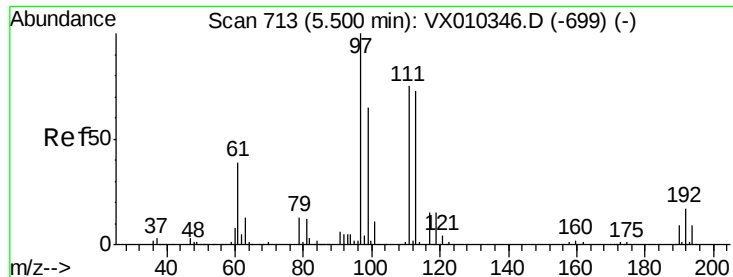
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.920 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701

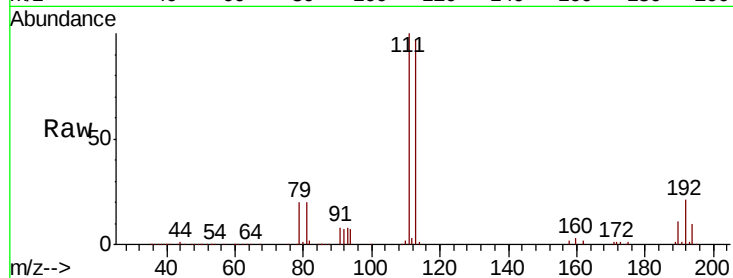
Tot Ion:113 Resp: 108647

Ion Ratio Lower Upper

113 100

111 102.9 81.2 121.8

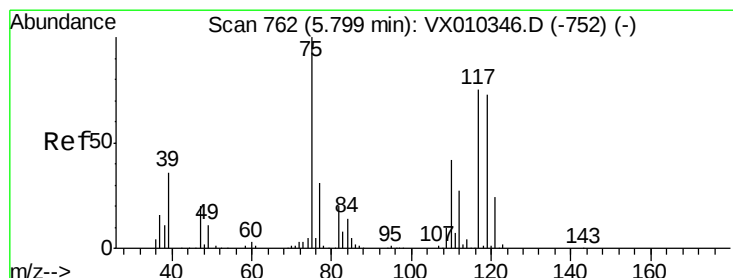
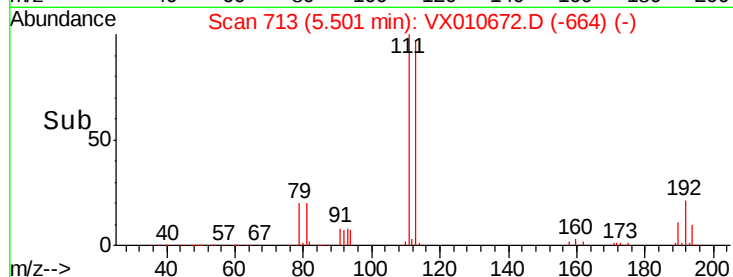
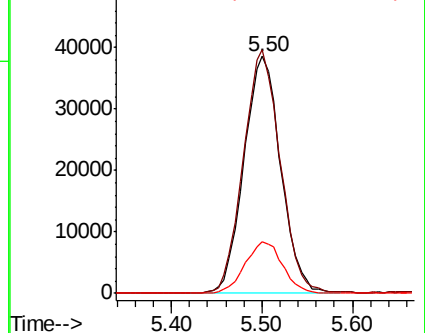
192 22.2 18.6 27.8



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: 5.111 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

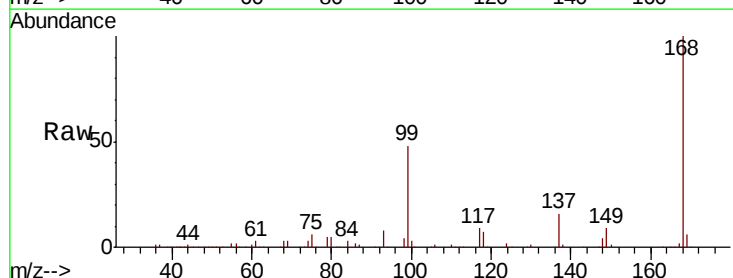
Tgt Ion: 75 Resp: 14447

Ion Ratio Lower Upper

75 100

110 10.8 20.8 62.2#

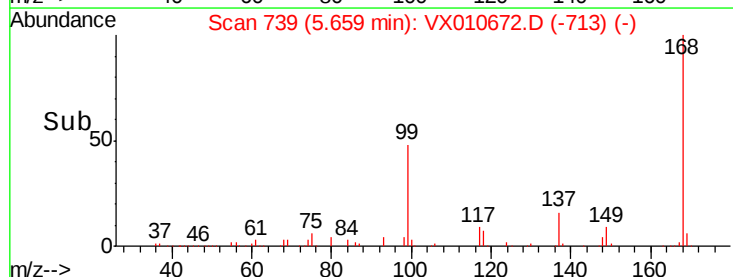
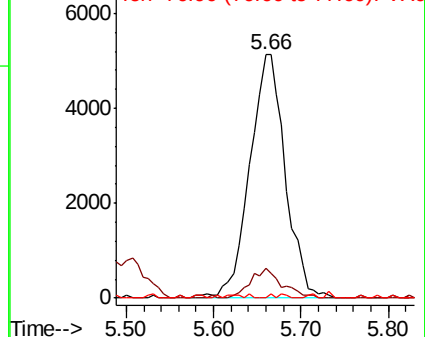
77 0.2 25.4 38.0#

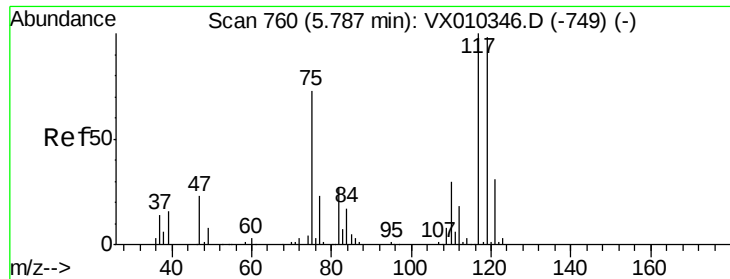


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.624 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701

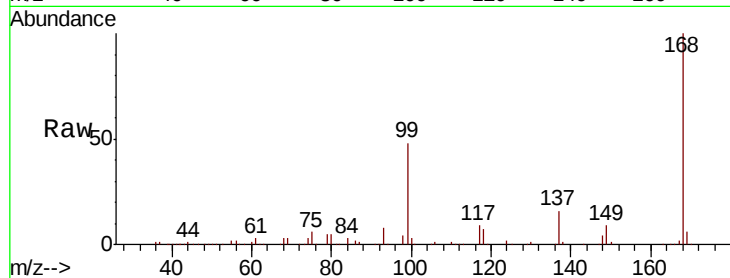
Tot Ion:117 Resp: 20275

Ion Ratio Lower Upper

117 100

119 4.2 78.2 117.4#

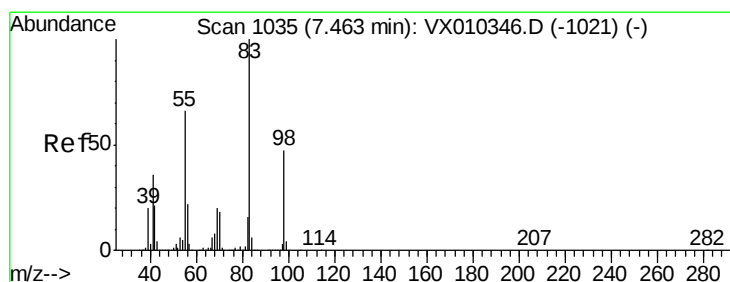
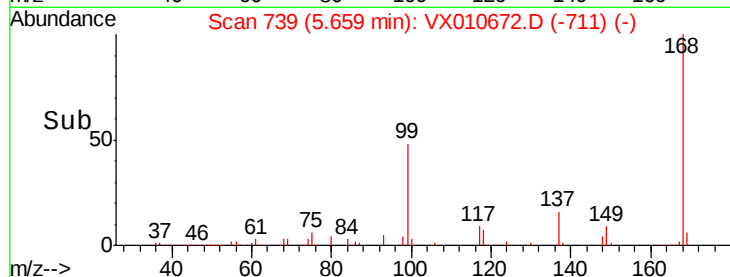
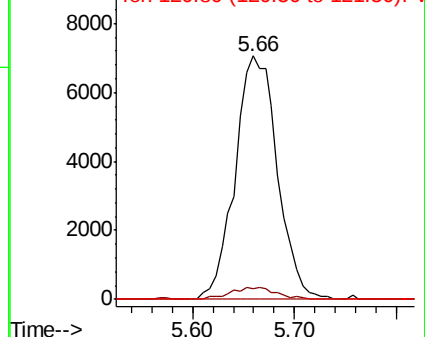
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.940 ug/l

RT: 7.45 min Scan# 1032

Delta R.T. -0.02 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

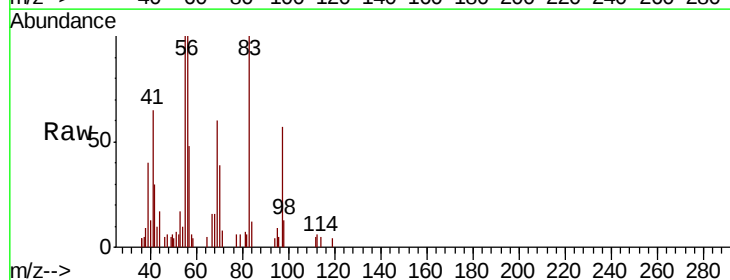
Tgt Ion: 83 Resp: 3491

Ion Ratio Lower Upper

83 100

55 100.3 53.0 79.6#

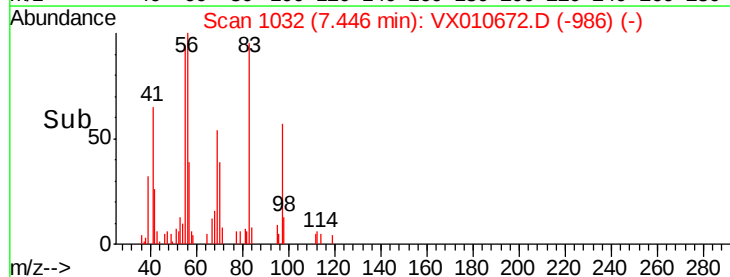
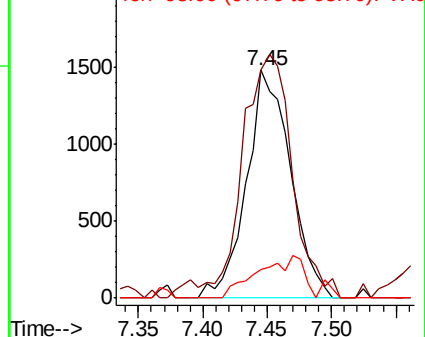
98 12.6 37.8 56.8#

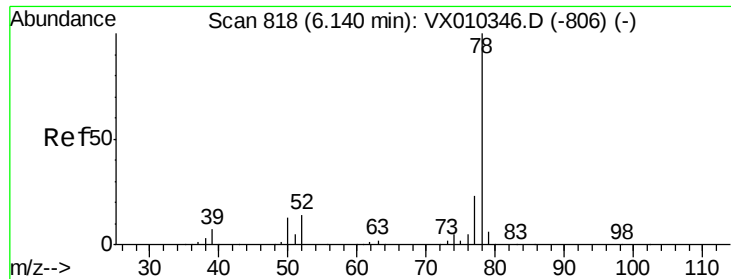


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.409 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

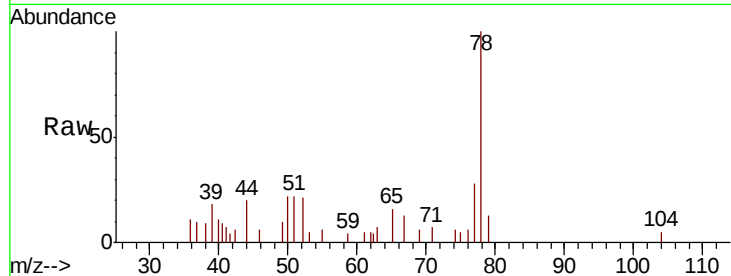
DUP-0533-190701

Tot Ion: 78 Resp: 3606

Ion Ratio Lower Upper

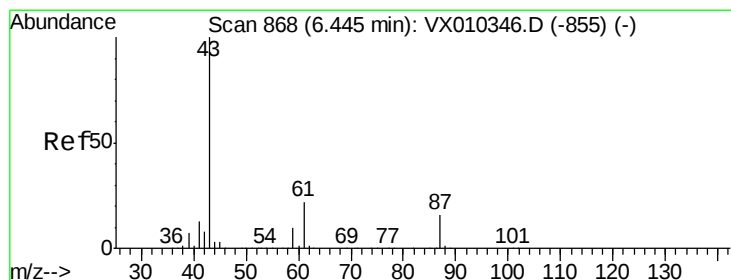
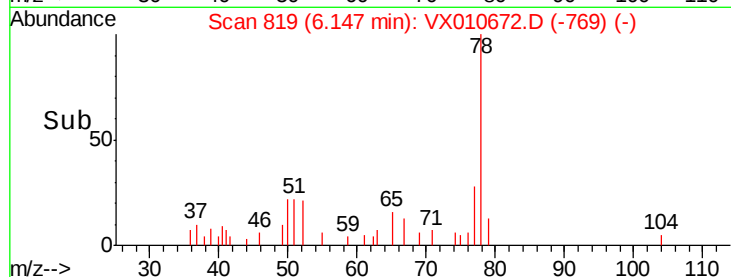
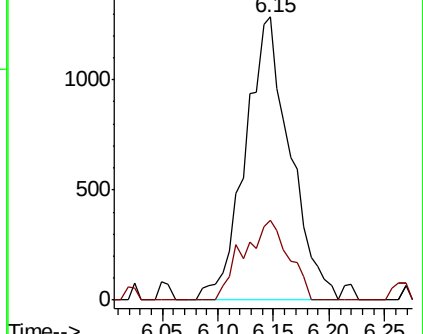
78 100

77 28.4 18.6 28.0#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 2.151 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.10 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

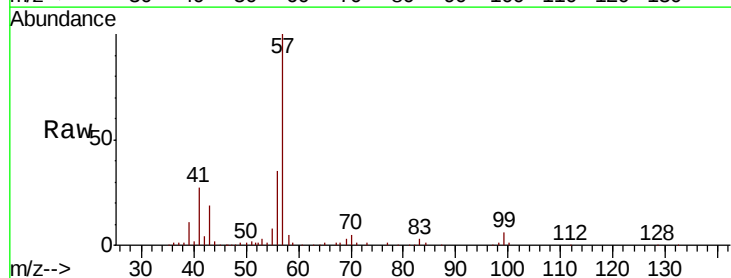
Tgt Ion: 43 Resp: 10349

Ion Ratio Lower Upper

43 100

61 0.4 17.8 26.6#

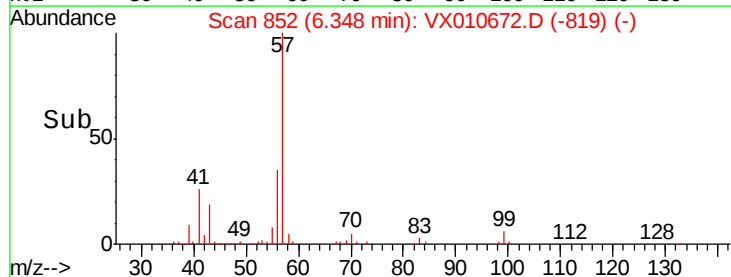
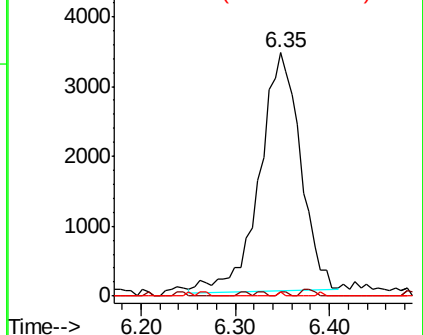
87 0.2 13.0 19.4#

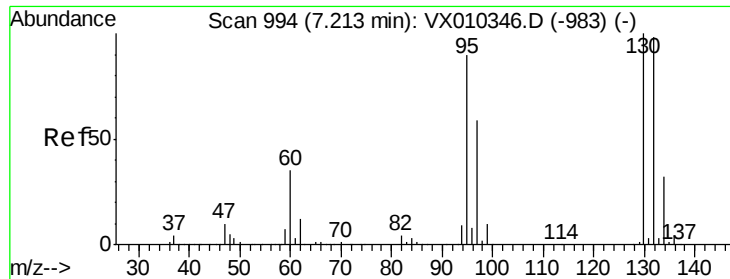


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.244 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

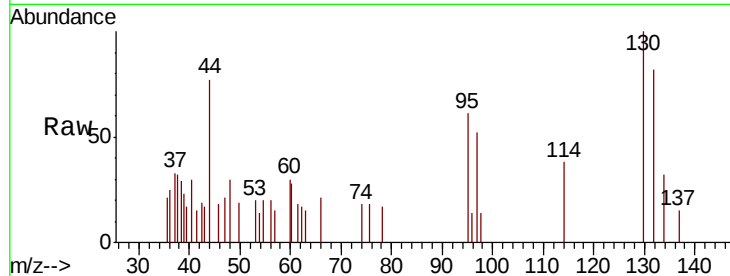
DUP-0533-190701

Tot Ion:130 Resp: 642

Ion Ratio Lower Upper

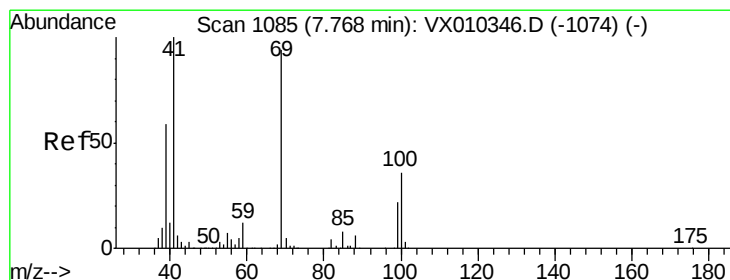
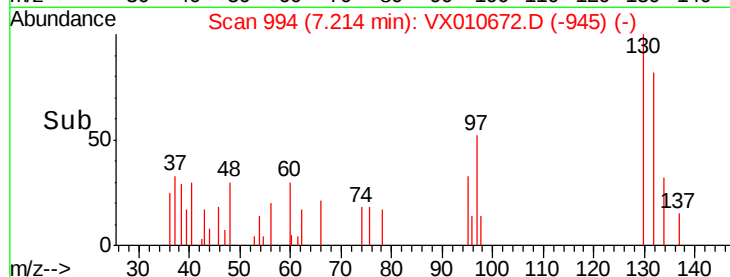
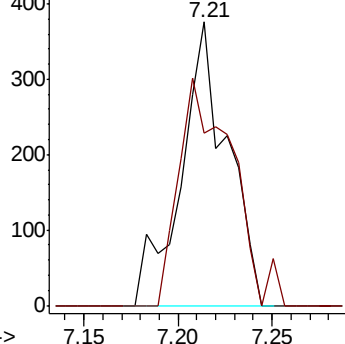
130 100

95 60.6 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 0.817 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. 0.07 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

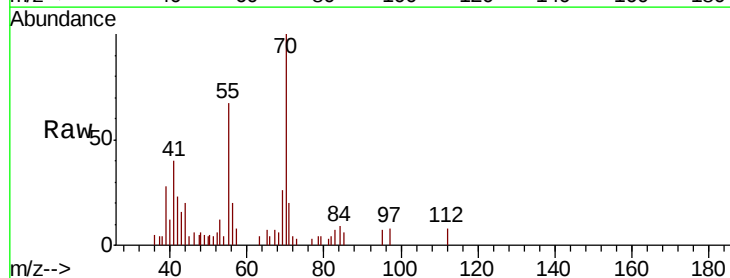
Tgt Ion: 41 Resp: 1827

Ion Ratio Lower Upper

41 100

69 55.7 76.1 114.1#

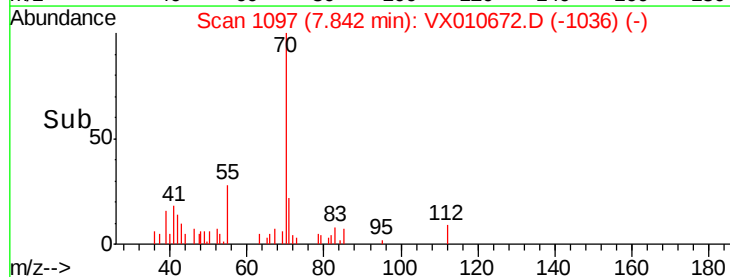
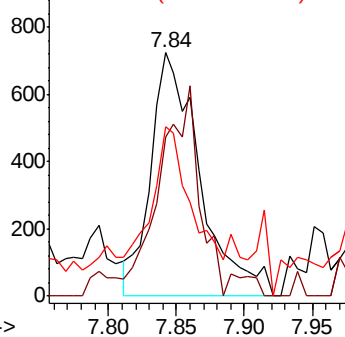
39 37.2 47.6 71.4#

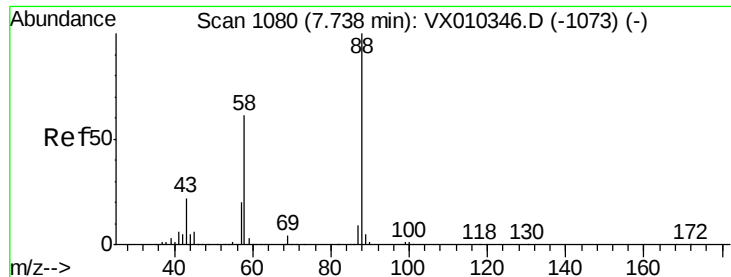


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

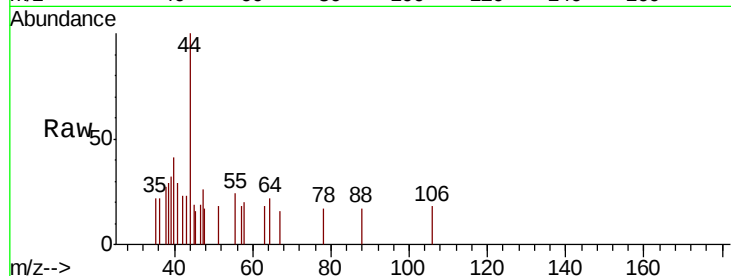




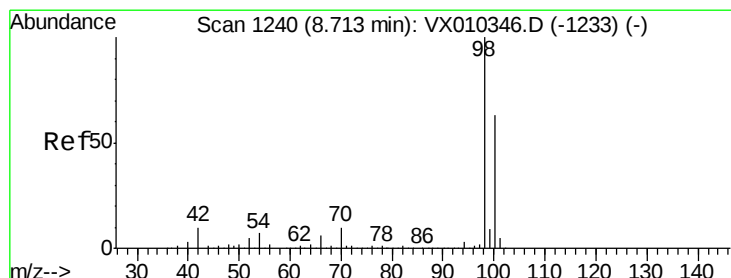
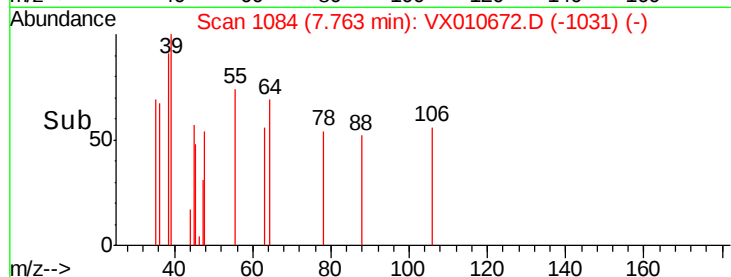
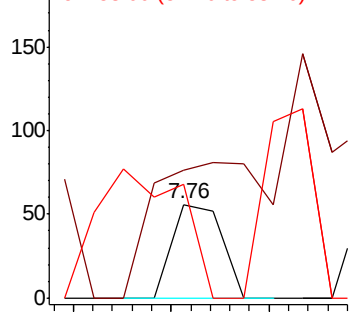
#49
1,4-Dioxane
Concen: 0.621 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701

Tot Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 235.0 49.5 74.3#

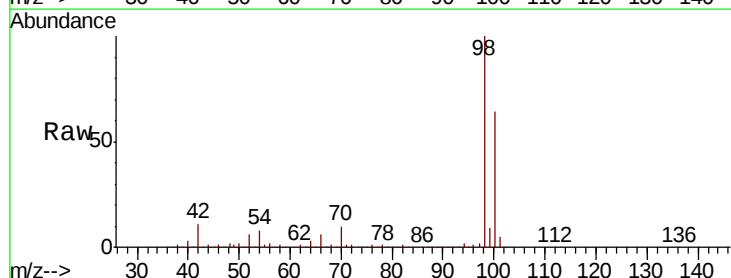


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

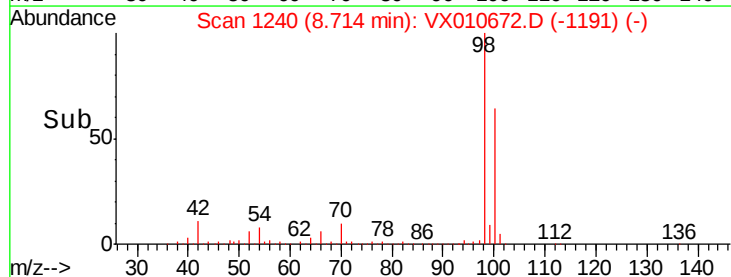
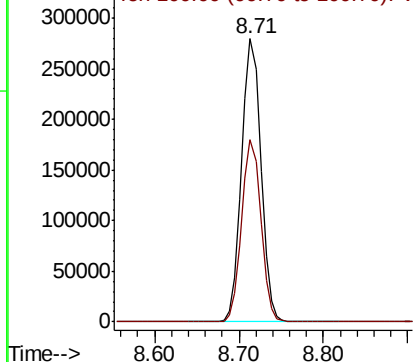


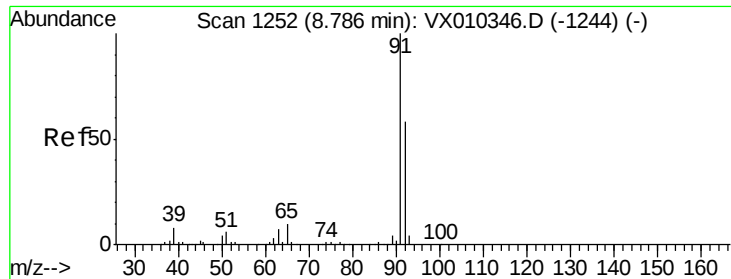
#50
Toluene-d8
Concen: 51.665 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

Tgt Ion: 98 Resp: 430190
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



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





#52

Toluene

Concen: 0.206 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

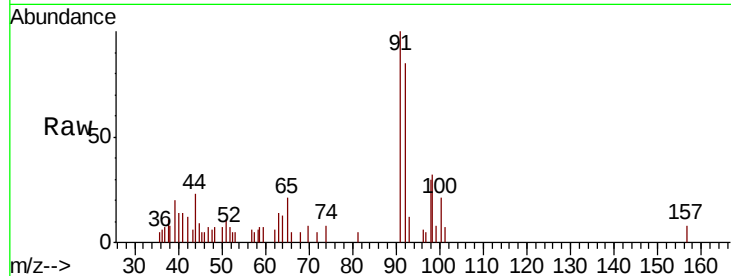
DUP-0533-190701

Tot Ion: 92 Resp: 1195

Ion Ratio Lower Upper

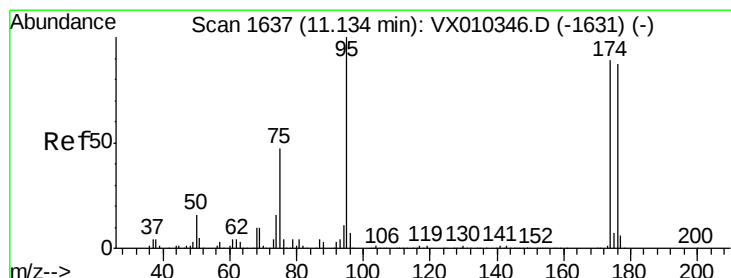
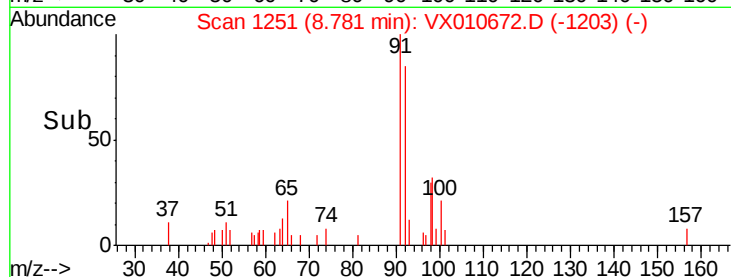
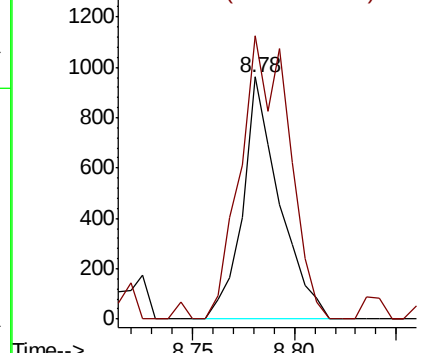
92 100

91 154.8 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.384 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

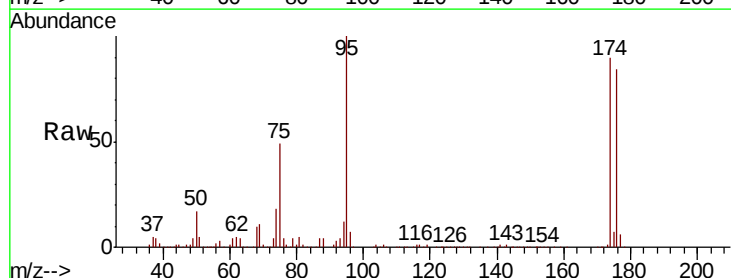
Tgt Ion: 95 Resp: 148453

Ion Ratio Lower Upper

95 100

174 92.9 0.0 187.6

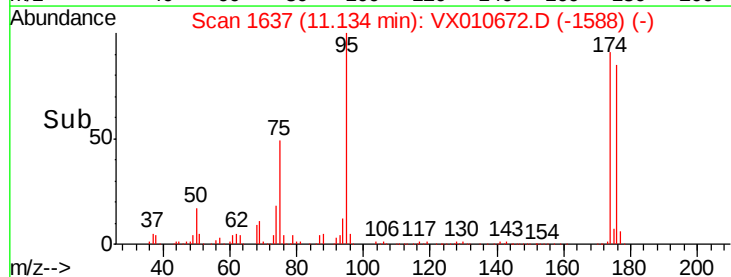
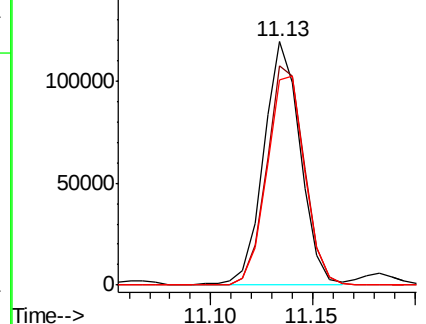
176 89.9 0.0 184.0

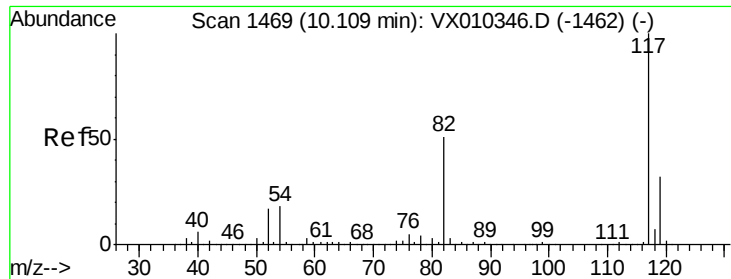


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

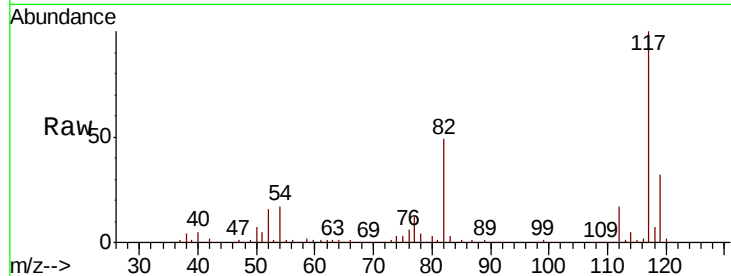




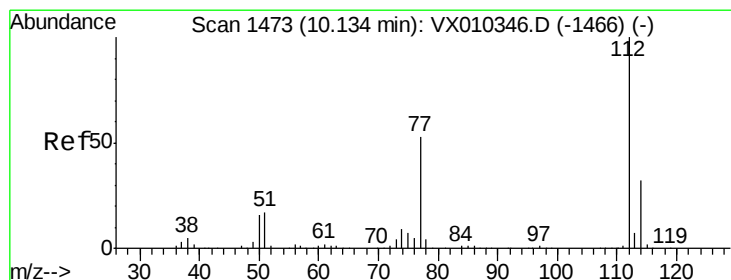
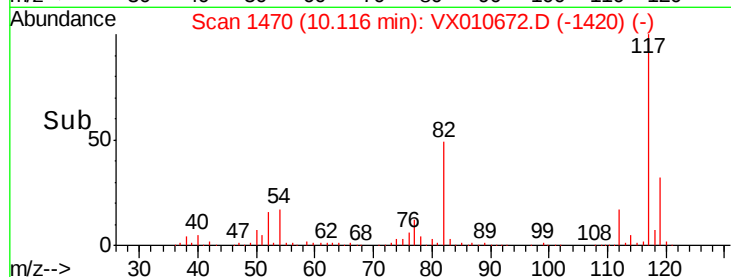
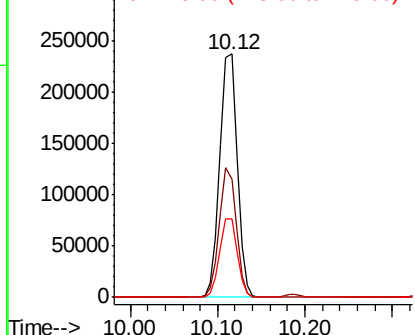
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701

Tot Ion:117 Resp: 329030
Ion Ratio Lower Upper
117 100
82 48.7 41.2 61.8
119 32.1 25.5 38.3

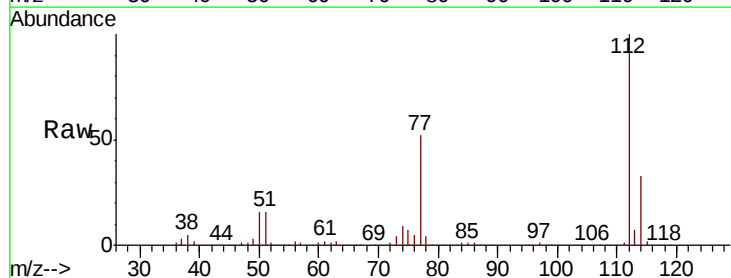


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

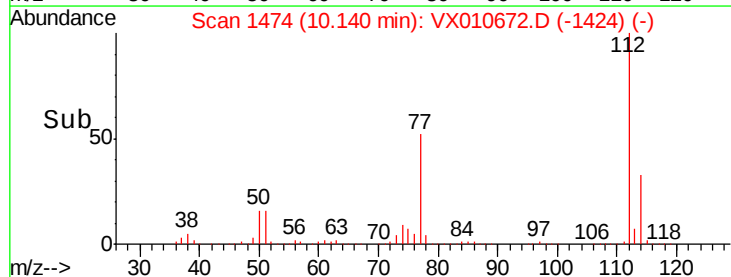
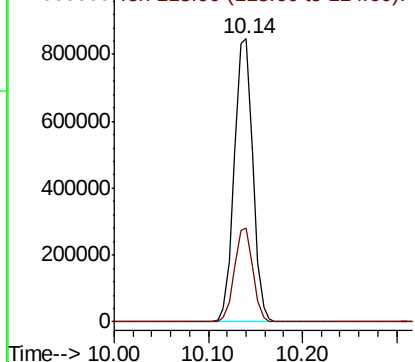


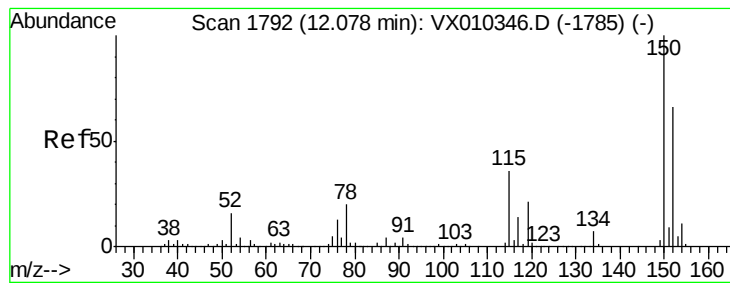
#65
Chlorobenzene
Concen: 173.170 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

Tgt Ion:112 Resp: 1156767
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010672.D

Acq: 04 Jul 2019 07:05

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701

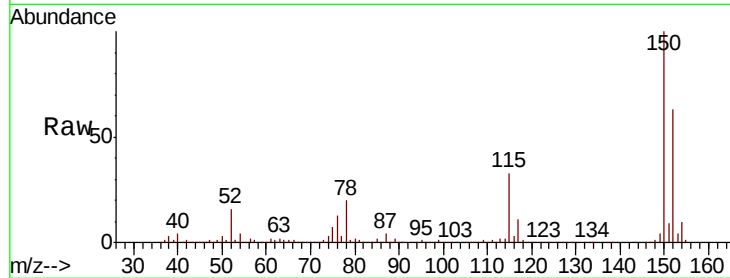
Tot Ion:152 Resp: 157970

Ion Ratio Lower Upper

152 100

115 55.0 38.6 115.7

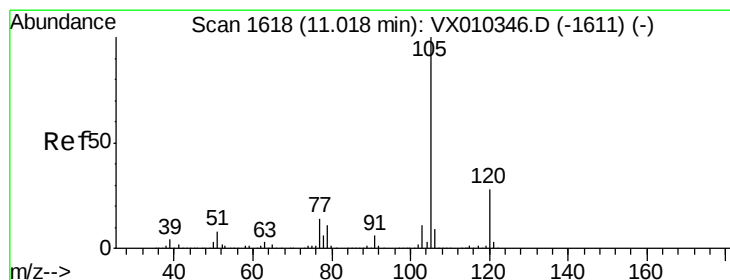
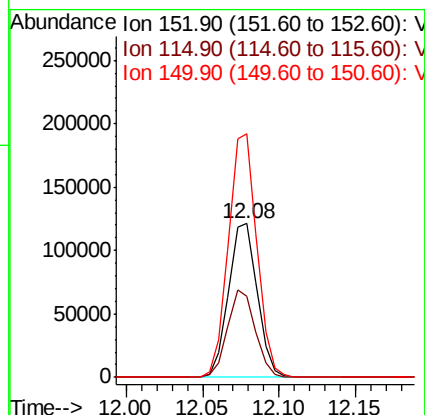
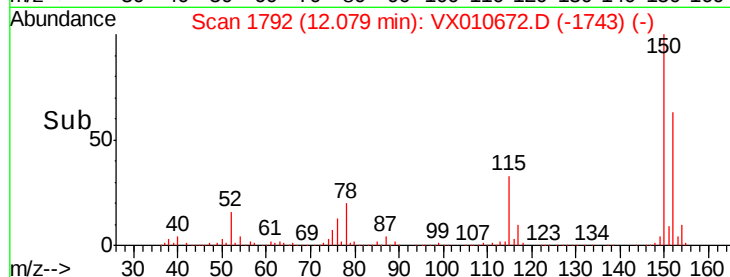
150 155.8 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.131 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010672.D

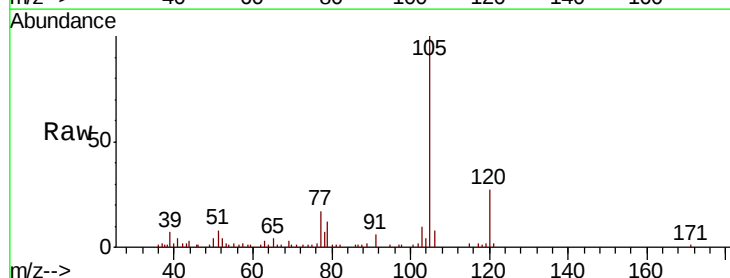
Acq: 04 Jul 2019 07:05

Tgt Ion:105 Resp: 12114

Ion Ratio Lower Upper

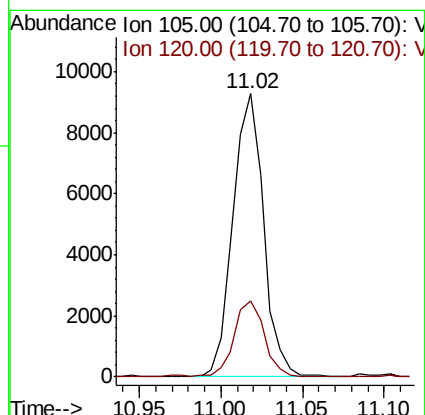
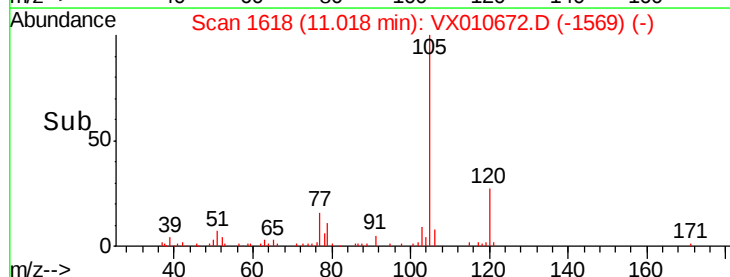
105 100

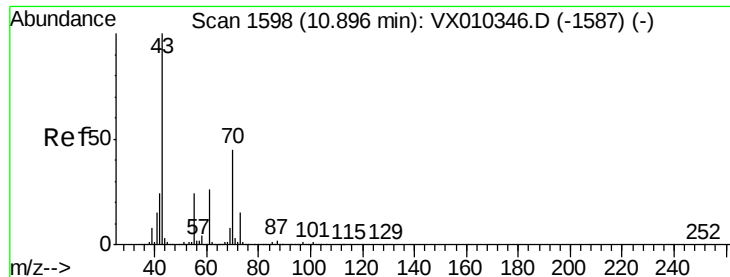
120 26.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

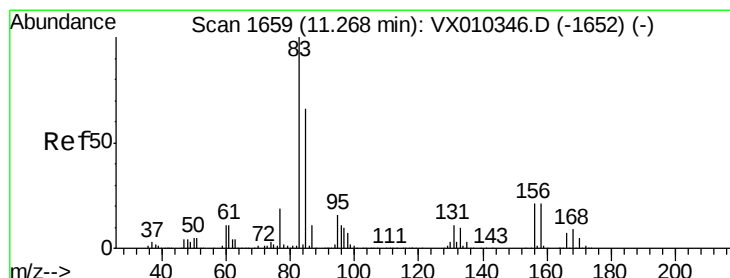
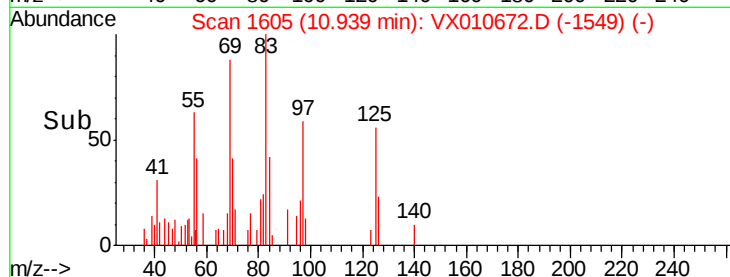
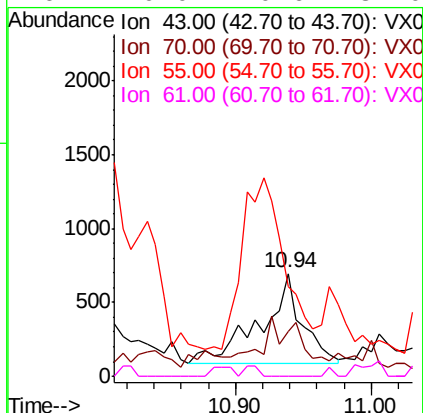
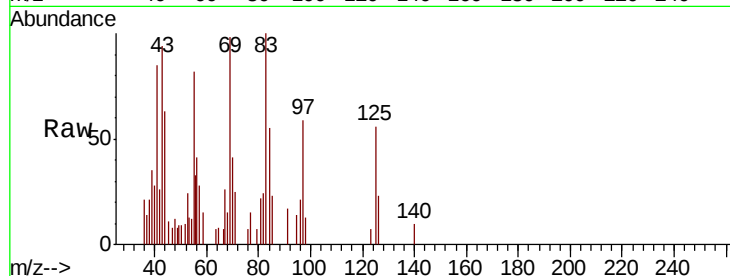




#74
N-amvl acetate
Concen: 0.321 ug/l
RT: 10.94 min Scan# 1605
Delta R.T. 0.04 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

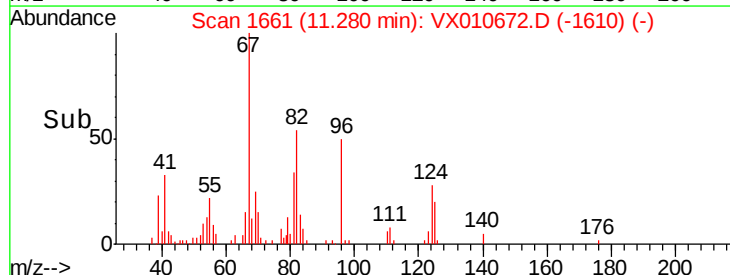
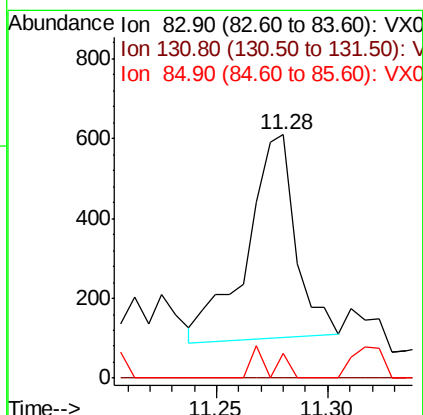
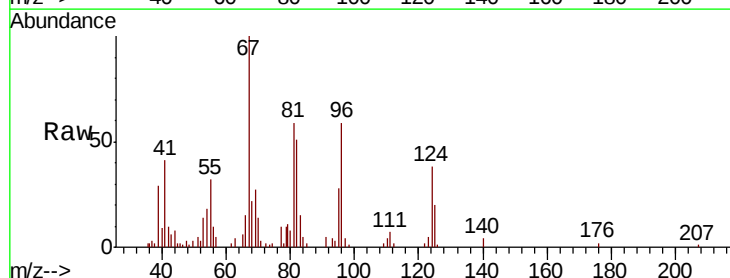
Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701

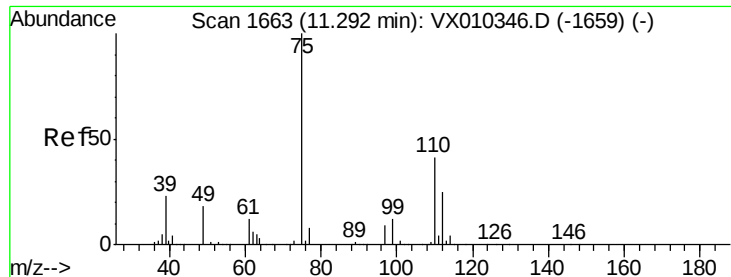
Tot Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
70 35.8 36.6 54.8#
55 192.5 18.7 28.1#
61 0.0 20.6 31.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.220 ug/l
RT: 11.28 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

Tgt Ion: 83 Resp: 779
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 0.0 32.3 96.8#

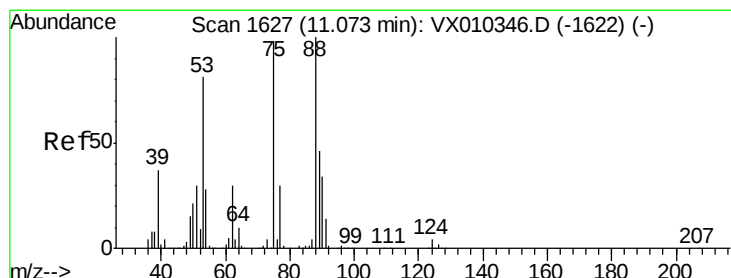
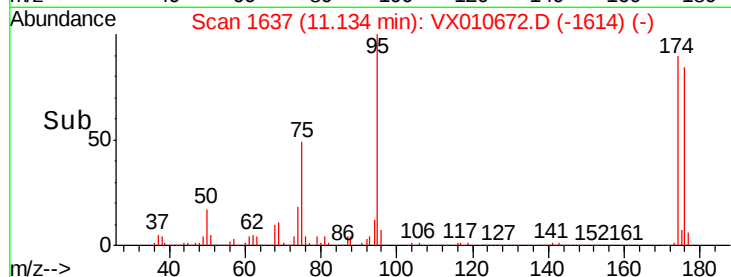
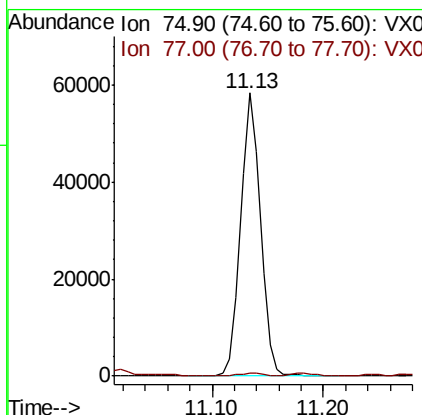
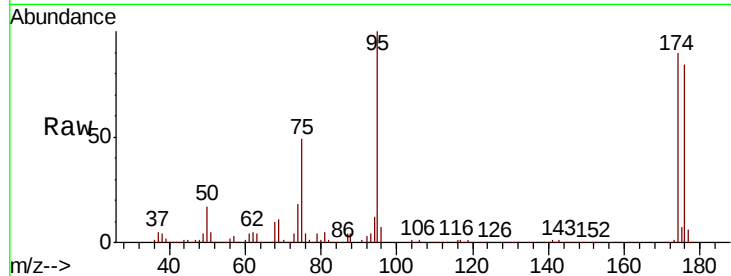




#76
 1,2,3-Trichloropropane
 Concen: 25.098 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010672.D
 Acq: 04 Jul 2019 07:05

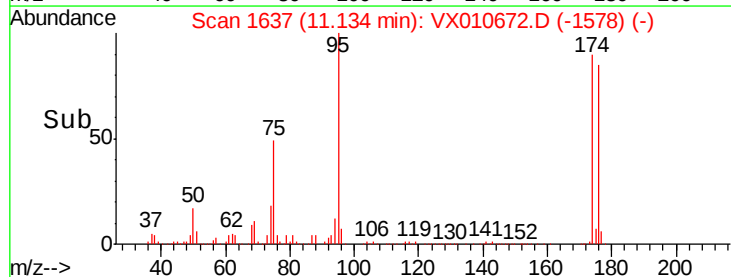
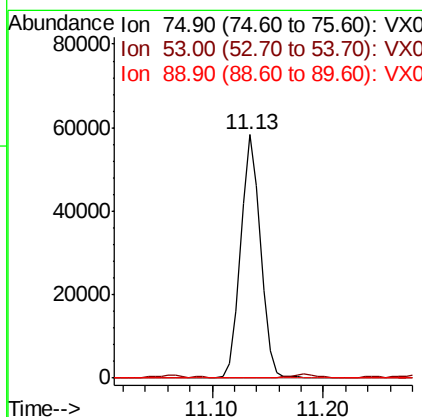
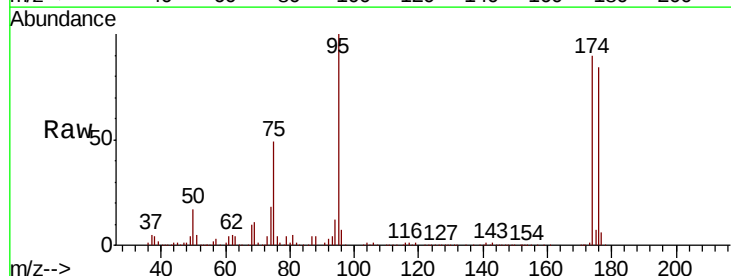
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701

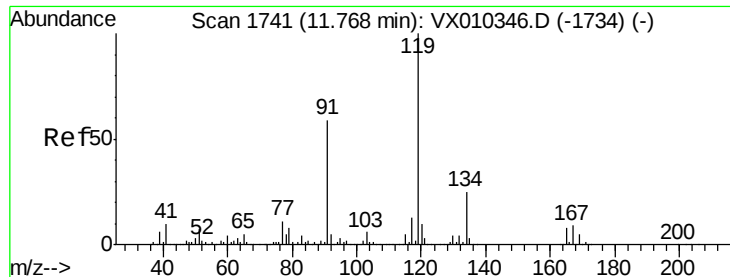
Tot Ion: 75 Resp: 72249
 Ion Ratio Lower Upper
 75 100
 77 1.1 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.552 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010672.D
 Acq: 04 Jul 2019 07:05

Tgt Ion: 75 Resp: 72249
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.0 37.8 56.6#

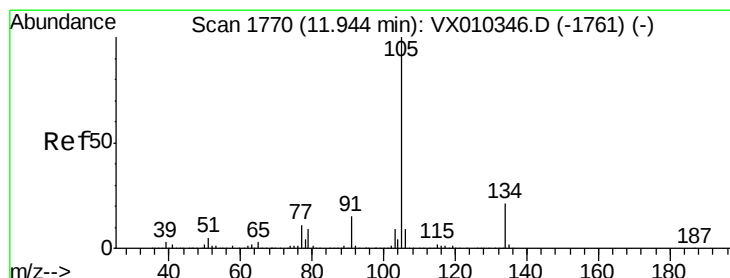
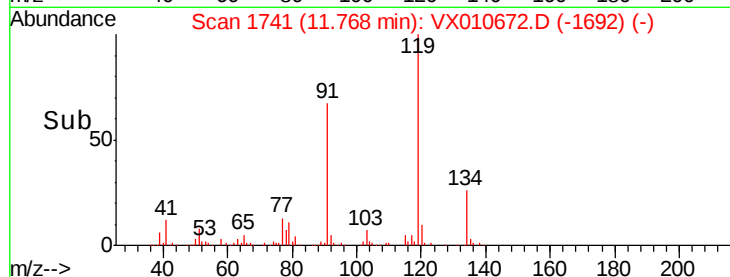
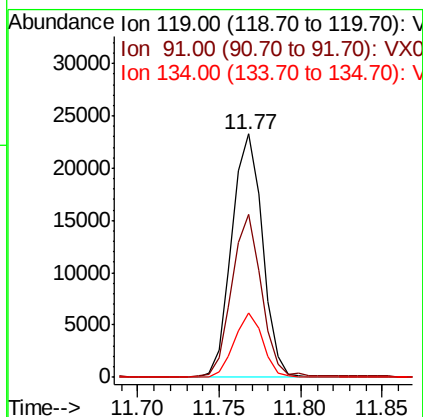
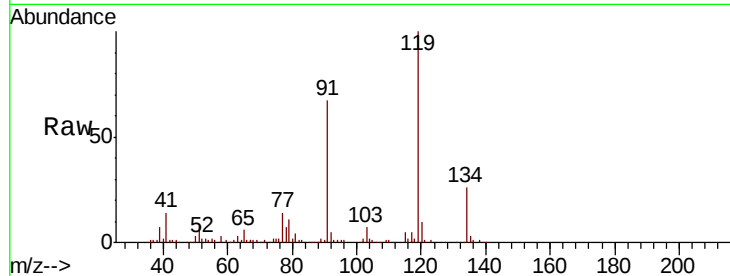




#83
tert-Butylbenzene
Concen: 3.451 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

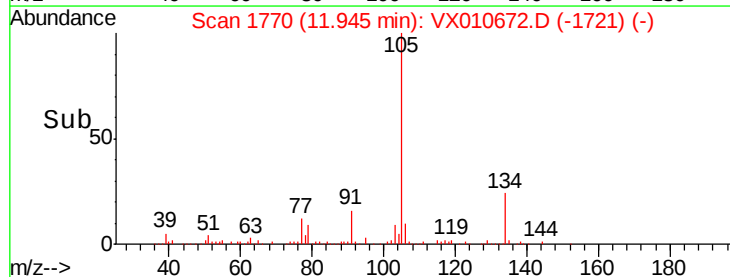
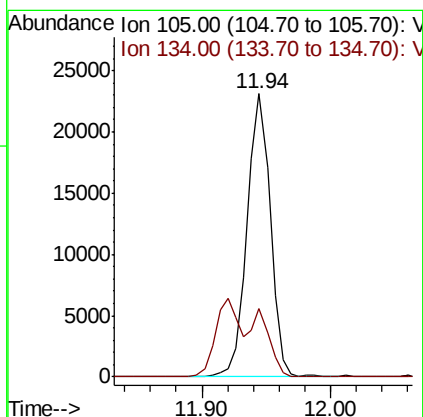
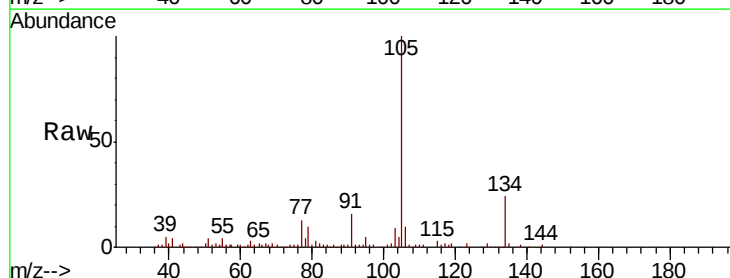
Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701

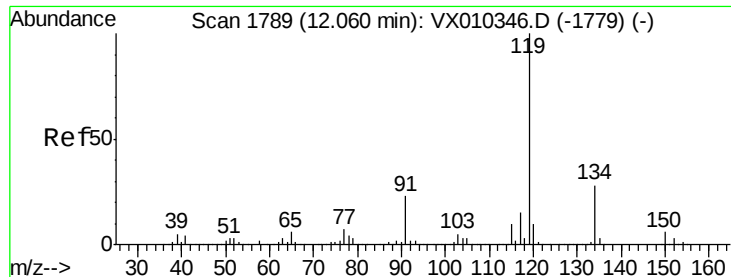
Tot Ion:119 Resp: 30575
Ion Ratio Lower Upper
119 100
91 65.7 27.6 82.7
134 24.5 11.8 35.4



#85
sec-Butylbenzene
Concen: 2.762 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

Tgt Ion:105 Resp: 28731
Ion Ratio Lower Upper
105 100
134 0.0 10.7 31.9#

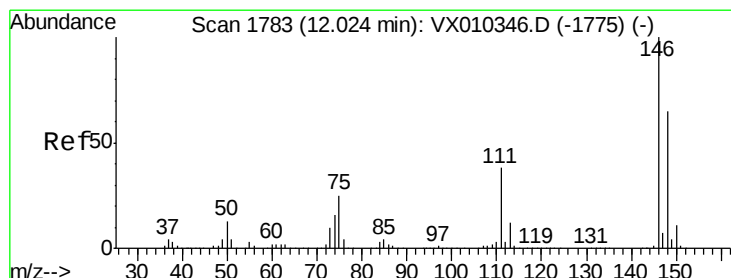
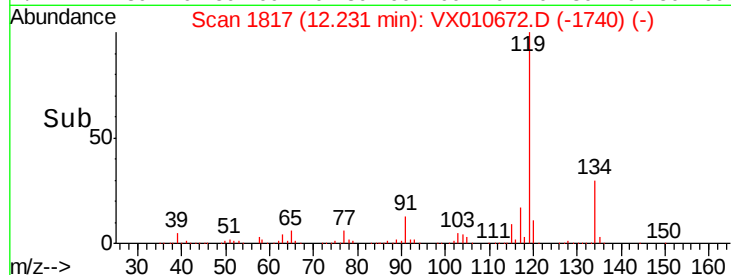
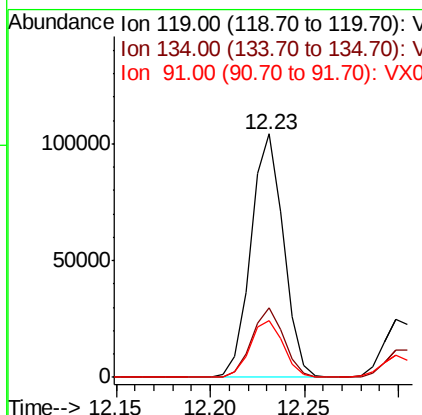
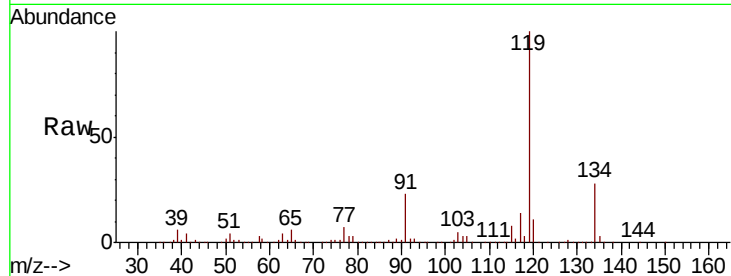




#86
 p-Isopropyltoluene
 Concen: 12.951 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX010672.D
 Acq: 04 Jul 2019 07:05

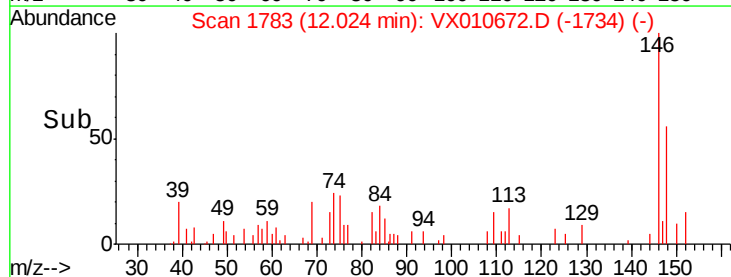
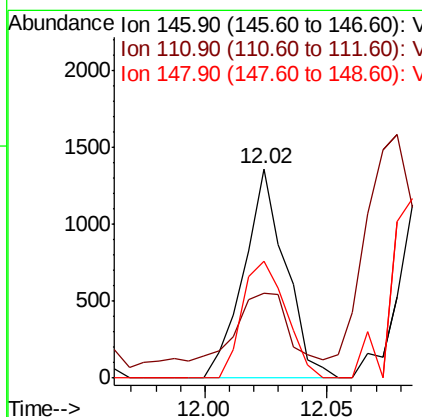
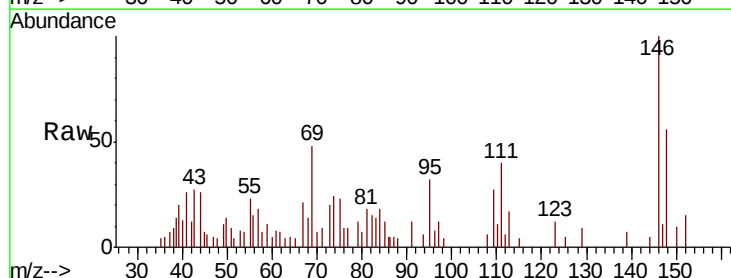
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701

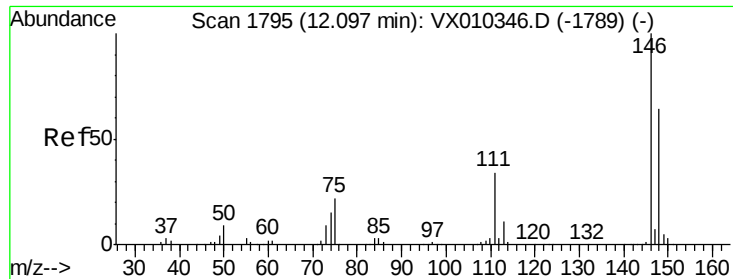
Tot Ion:119 Resp: 124622
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.7 41.1
 91 23.5 11.3 33.8



#87
 1,3-Dichlorobenzene
 Concen: 0.311 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010672.D
 Acq: 04 Jul 2019 07:05

Tgt Ion:146 Resp: 1621
 Ion Ratio Lower Upper
 146 100
 111 67.9 19.1 57.1#
 148 58.4 32.5 97.4

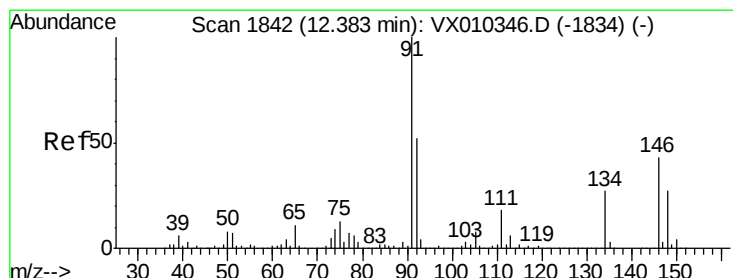
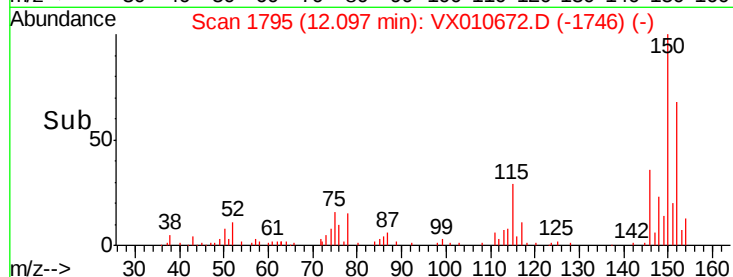
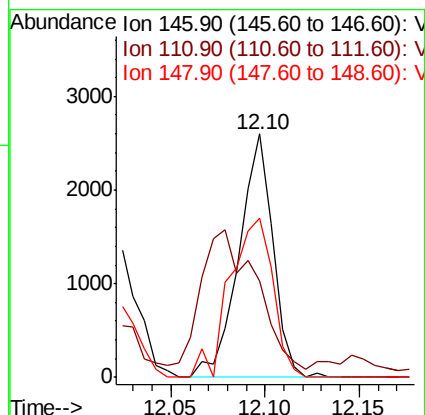
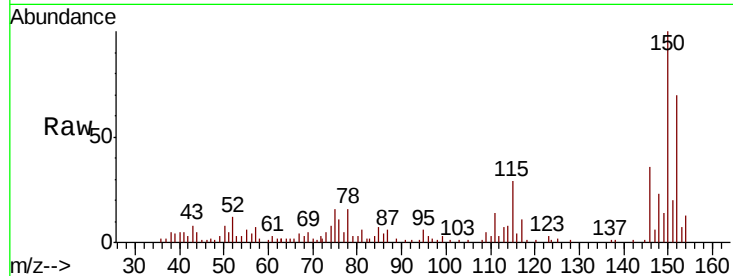




#88
1,4-Dichlorobenzene
Concen: 0.611 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

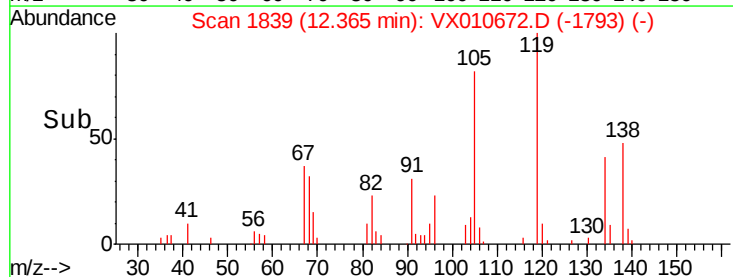
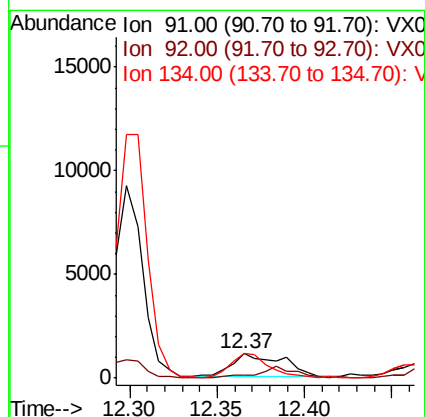
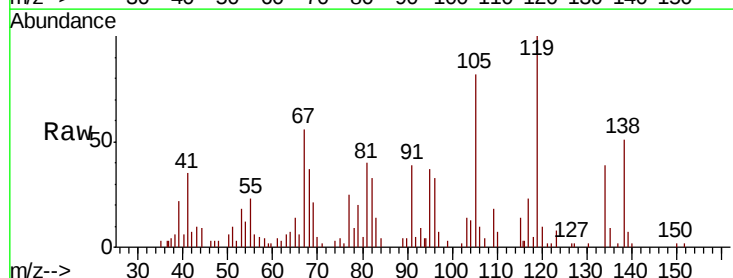
Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701

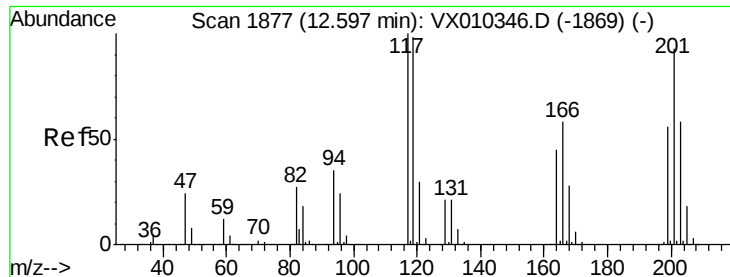
Tot Ion:146 Resp: 3248
Ion Ratio Lower Upper
146 100
111 103.7 18.1 54.3#
148 82.9 32.1 96.3



#89
n-Butylbenzene
Concen: 0.275 ug/l
RT: 12.37 min Scan# 1839
Delta R.T. -0.02 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

Tgt Ion: 91 Resp: 2250
Ion Ratio Lower Upper
91 100
92 37.8 26.2 78.5
134 84.4 14.1 42.4#

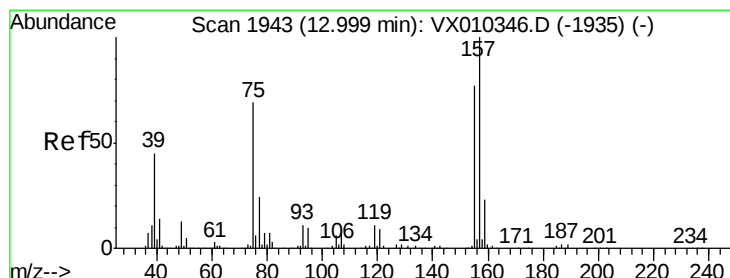
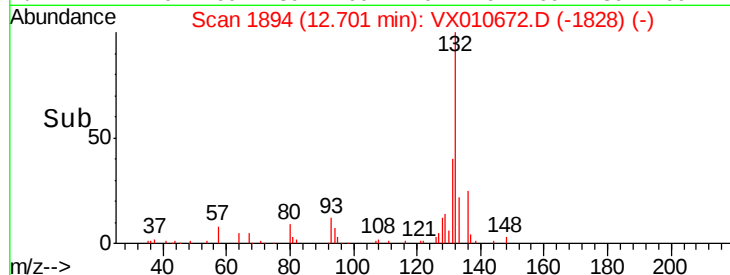
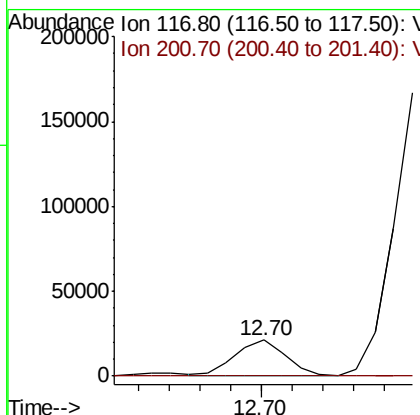
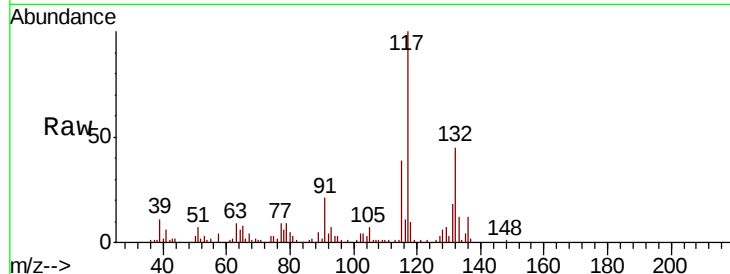




#90
Hexachloroethane
Concen: 13.910 ug/l
RT: 12.70 min Scan# 1894
Delta R.T. 0.10 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701

Tot Ion:117 Resp: 23144
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.411 ug/l
RT: 12.98 min Scan# 1940
Delta R.T. -0.02 min
Lab File: VX010672.D
Acq: 04 Jul 2019 07:05

Tgt Ion: 75 Resp: 314
Ion Ratio Lower Upper
75 100
155 0.0 54.4 163.1#
157 6.7 69.5 208.3#

