

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010749.D
 Acq On : 09 Jul 2019 14:37
 Operator : JC/SP
 Sample : K3669-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701

Quant Time: Jul 10 02:10:46 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	215223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338496	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149696	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108825	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
35) Dibromofluoromethane	5.50	113	103848	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	8.71	98	406935	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	11.13	95	140055	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1256	0.721	ug/l	100
4) Vinyl Chloride	1.41	62	5770	3.023	ug/l	94
5) Bromomethane	1.65	94	575	0.618	ug/l #	65
6) Chloroethane	1.87	64	1019	0.905	ug/l #	47
10) Methyl Iodide	2.51	142	610	0.233	ug/l #	66
11) Tert butyl alcohol	3.04	59	2783	5.271	ug/l #	80
13) Acrolein	2.29	56	75	0.214	ug/l #	14
16) Acetone	2.44	43	3108	3.073	ug/l	92
17) Carbon Disulfide	2.57	76	1553	0.310	ug/l #	91
20) Methylene Chloride	2.85	84	454	0.218	ug/l #	58
21) trans-1,2-Dichloroethene	3.17	96	437	0.218	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	16603	7.161	ug/l	92
31) Cyclohexane	5.59	56	807	0.277	ug/l #	78
36) 1,1-Dichloropropene	5.67	75	14383	5.347	ug/l #	48
38) Carbon Tetrachloride	5.67	117	19533	6.706	ug/l #	15
39) Methylcyclohexane	7.45	83	3276	0.927	ug/l #	46
40) Benzene	6.14	78	3446	0.411	ug/l #	88
49) 1,4-Dioxane	7.76	88	20	0.326	ug/l #	1
52) Toluene	8.79	92	1138	0.206	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	1935	0.850	ug/l #	22
65) Chlorobenzene	10.14	112	1107886	174.769	ug/l	97
73) Isopropylbenzene	11.02	105	12045	1.187	ug/l	98
74) N-amyl acetate	10.94	43	1236	0.322	ug/l #	2
75) 1,1,2,2-Tetrachloroethane	11.27	83	1057	0.315	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	68580	25.141	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	68580	58.650	ug/l #	16
83) tert-Butylbenzene	11.77	119	29818	3.551	ug/l	91
85) sec-Butylbenzene	11.94	105	28157	2.856	ug/l #	55
86) p-Isopropyltoluene	12.23	119	121326	13.305	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	1709	0.346	ug/l #	80
88) 1,4-Dichlorobenzene	12.10	146	3258	0.647	ug/l #	67
89) n-Butylbenzene	12.38	91	2670	0.345	ug/l #	51
90) Hexachloroethane	12.70	117	27844	17.659	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	12.98	75	380	0.524	ug/l #	1

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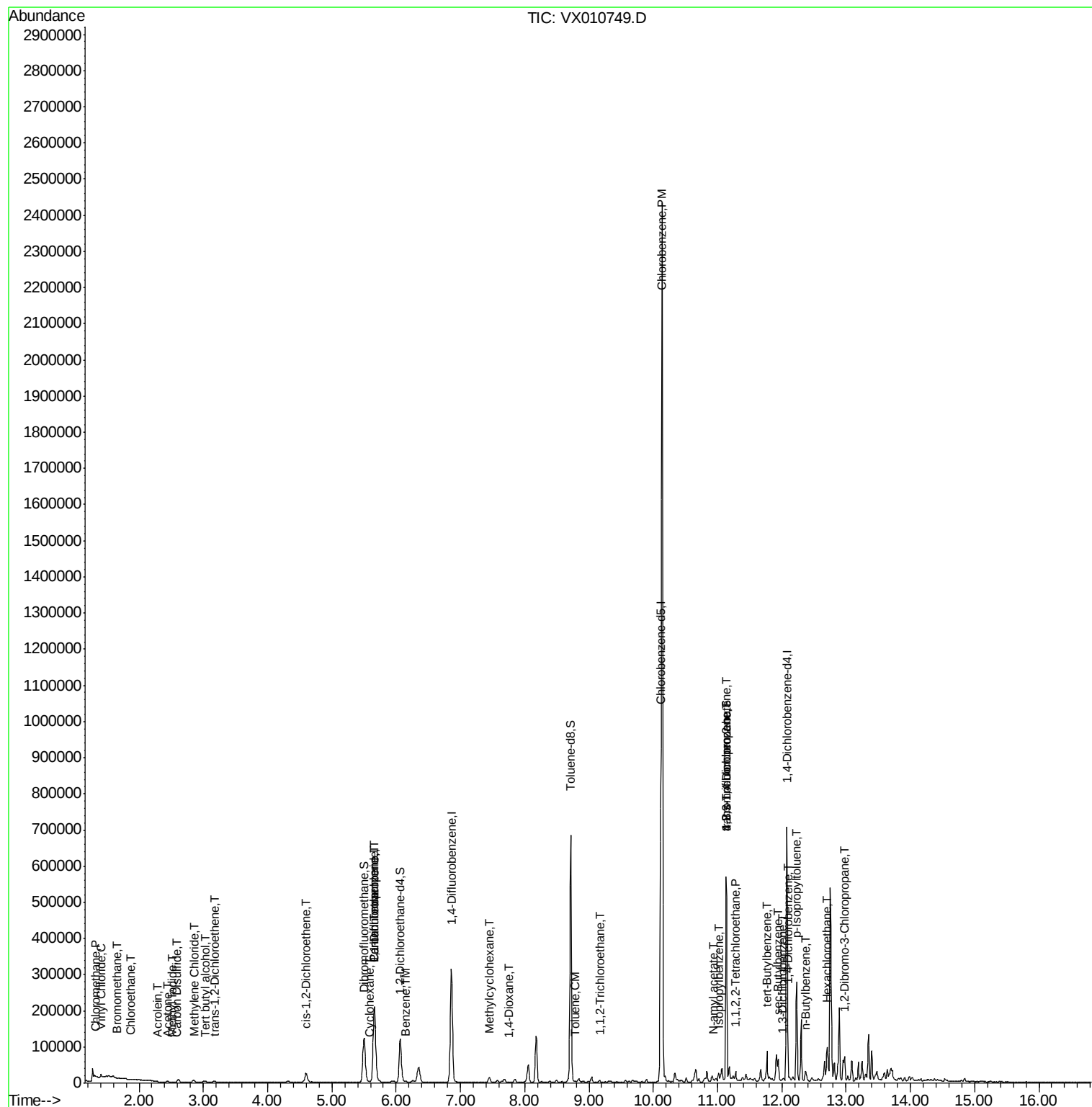
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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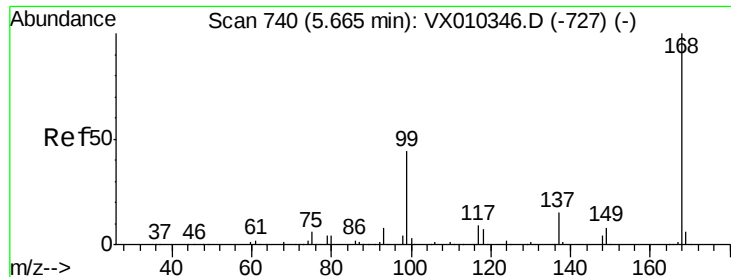
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

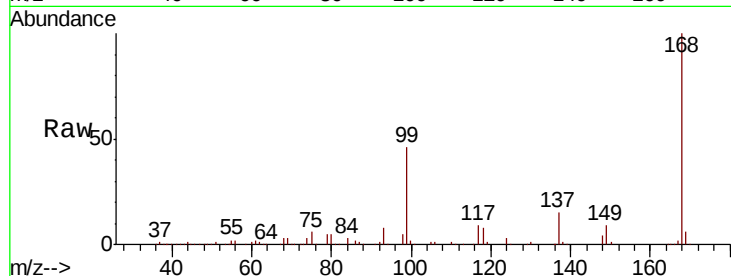
DUP-0533-190701

Tot Ion:168 Resp: 215223

Ion Ratio Lower Upper

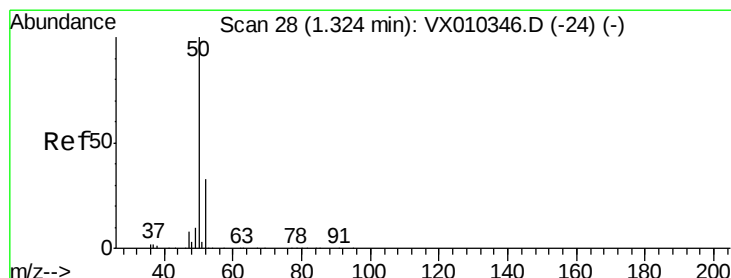
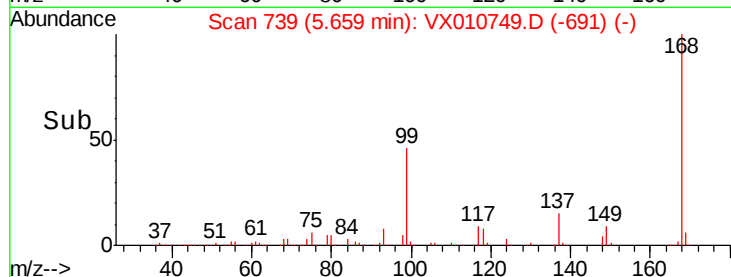
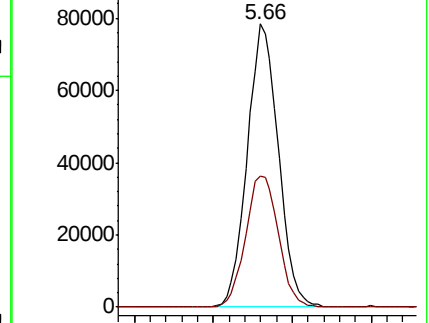
168 100

99 46.4 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: 0.721 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010749.D

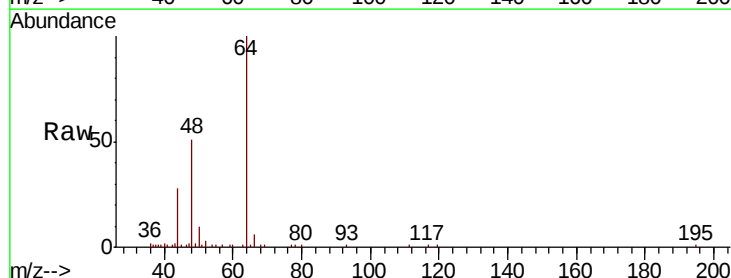
Acq: 09 Jul 2019 14:37

Tgt Ion: 50 Resp: 1256

Ion Ratio Lower Upper

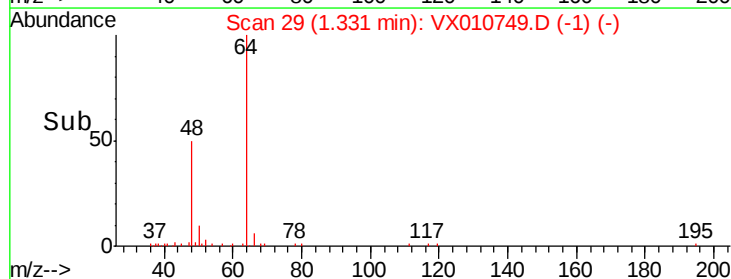
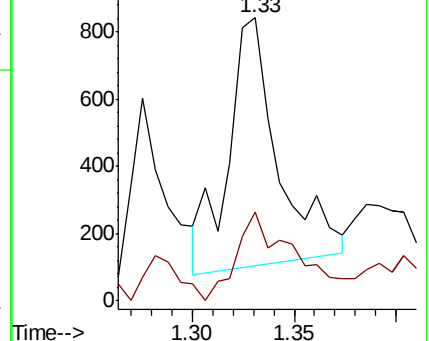
50 100

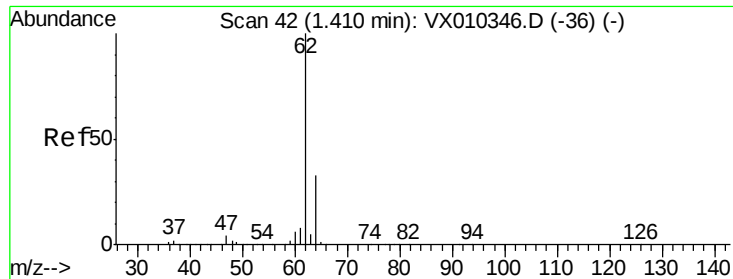
52 33.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 3.023 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

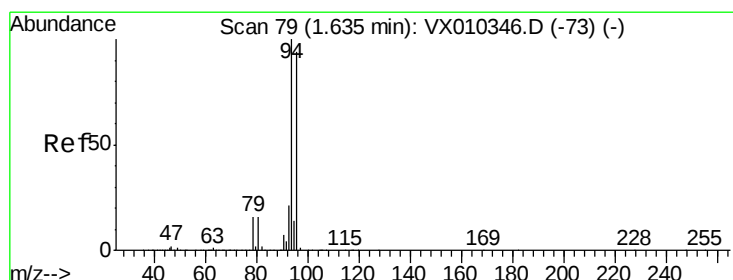
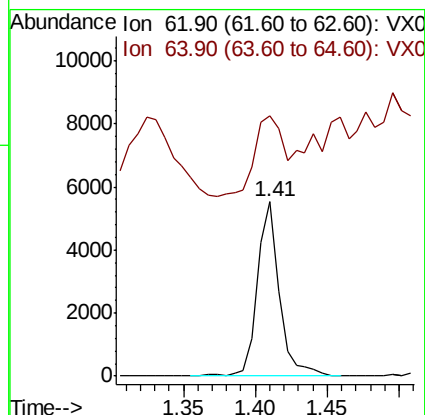
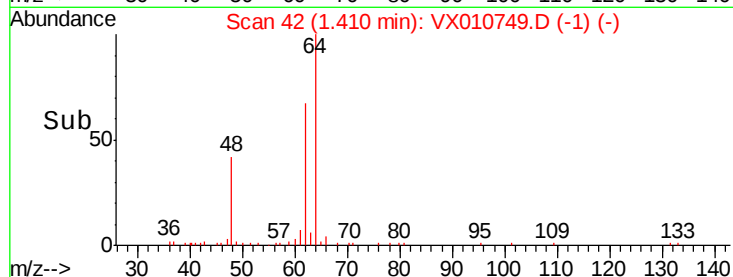
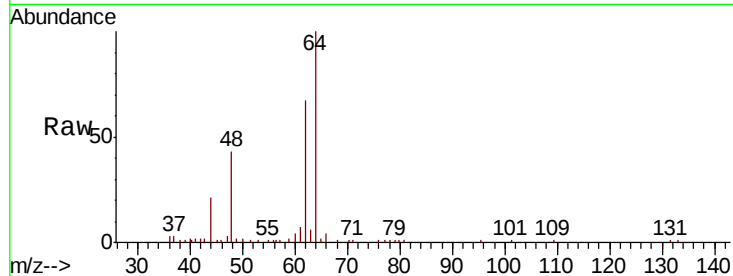
DUP-0533-190701

Tot Ion: 62 Resp: 5770

Ion Ratio Lower Upper

62 100

64 35.9 26.2 39.4



#5

Bromomethane

Concen: 0.618 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX010749.D

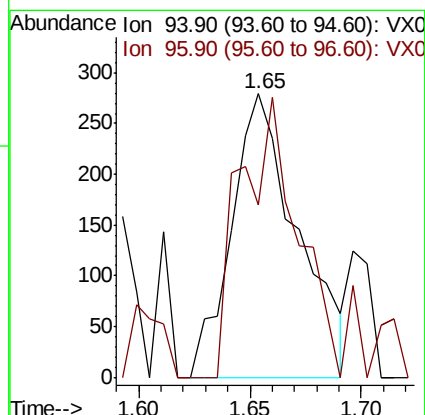
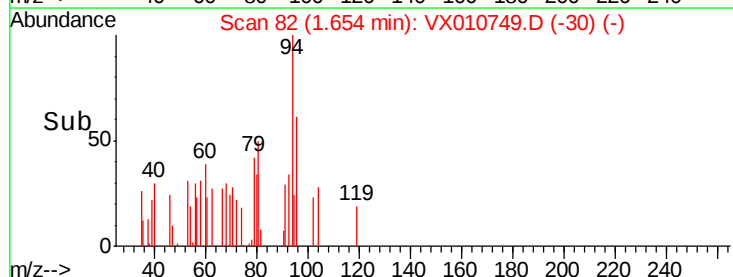
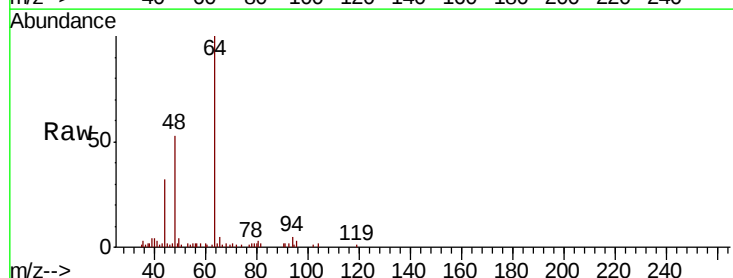
Acq: 09 Jul 2019 14:37

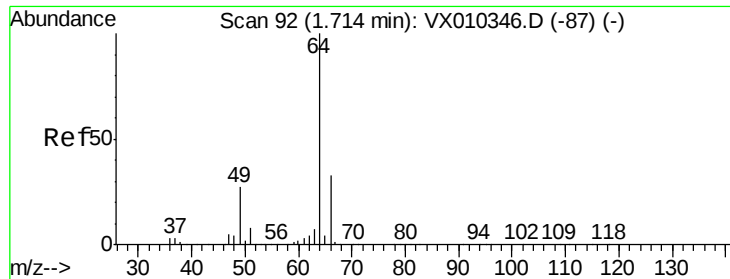
Tgt Ion: 94 Resp: 575

Ion Ratio Lower Upper

94 100

96 60.9 75.5 113.3#





#6

Chloroethane

Concen: 0.905 ug/l

RT: 1.87 min Scan# 118

Delta R.T. 0.16 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

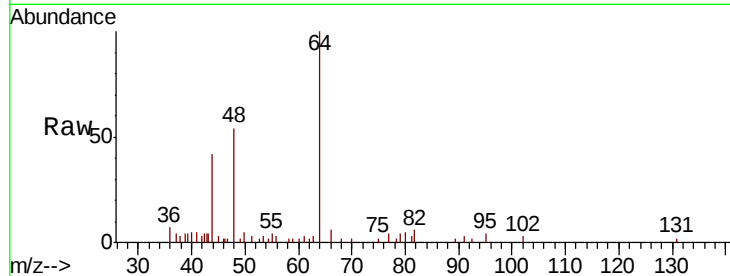
DUP-0533-190701

Tot Ion: 64 Resp: 1019

Ion Ratio Lower Upper

64 100

66 3.0 26.6 40.0#

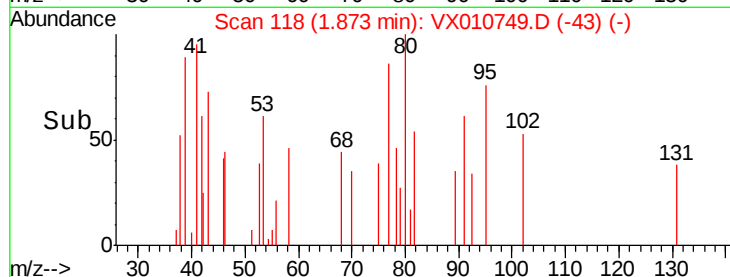


Abundance Ion 63.90 (63.60 to 64.60): VX010346.D (-87) (-)

Ion 65.90 (65.60 to 66.60): VX010346.D (-87) (-)

1.87

Time-->

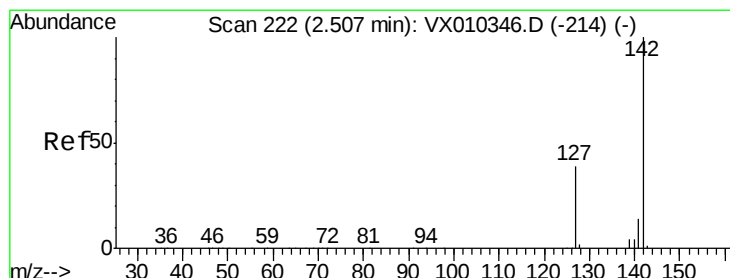


Abundance Ion 63.90 (63.60 to 64.60): VX010346.D (-87) (-)

Ion 65.90 (65.60 to 66.60): VX010346.D (-87) (-)

1.87

Time-->



#10

Methyl Iodide

Concen: 0.233 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

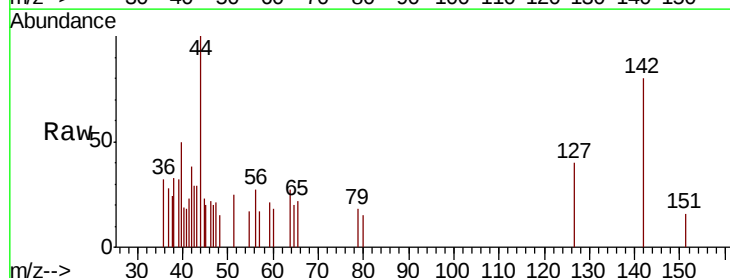
Tgt Ion: 142 Resp: 610

Ion Ratio Lower Upper

142 100

127 59.2 31.1 46.7#

141 0.0 11.2 16.8#



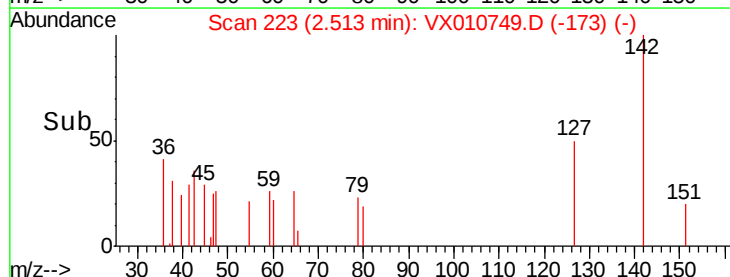
Abundance Ion 141.80 (141.50 to 142.50): VX010346.D (-214) (-)

Ion 126.80 (126.50 to 127.50): VX010346.D (-214) (-)

Ion 140.80 (140.50 to 141.50): VX010346.D (-214) (-)

2.51

Time-->



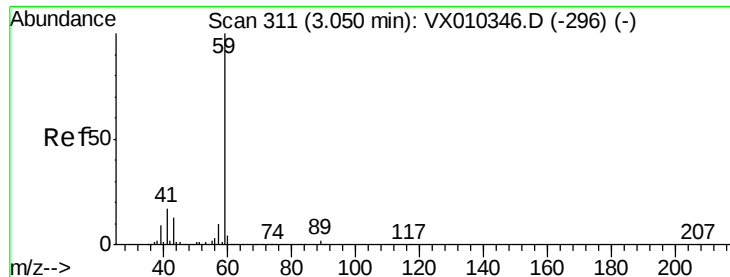
Abundance Ion 141.80 (141.50 to 142.50): VX010346.D (-214) (-)

Ion 126.80 (126.50 to 127.50): VX010346.D (-214) (-)

Ion 140.80 (140.50 to 141.50): VX010346.D (-214) (-)

2.51

Time-->

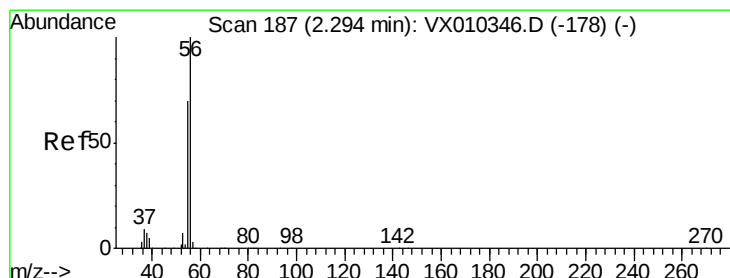
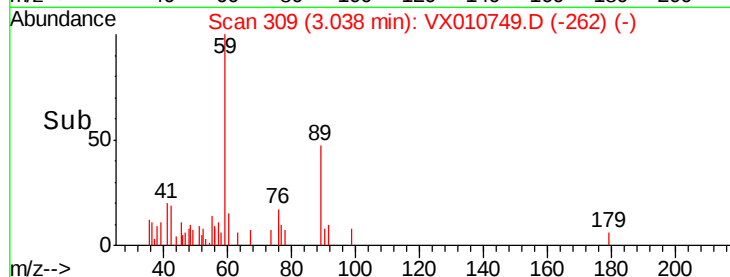
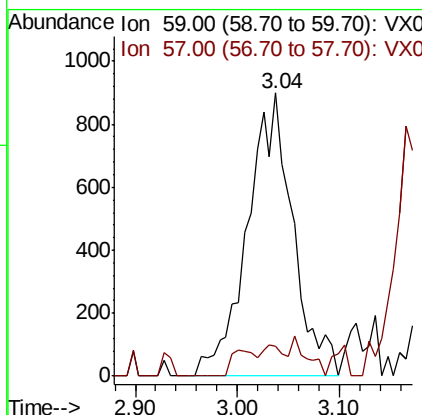
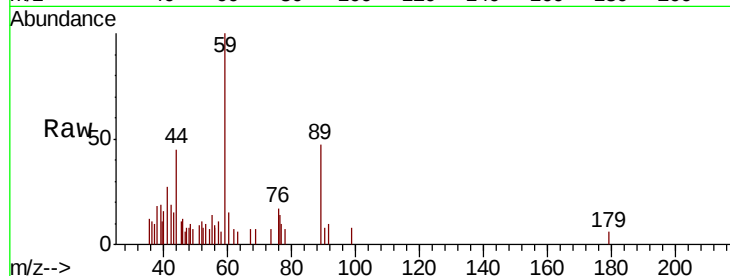


#11

Tert butyl alcohol
 Concen: 5.271 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701

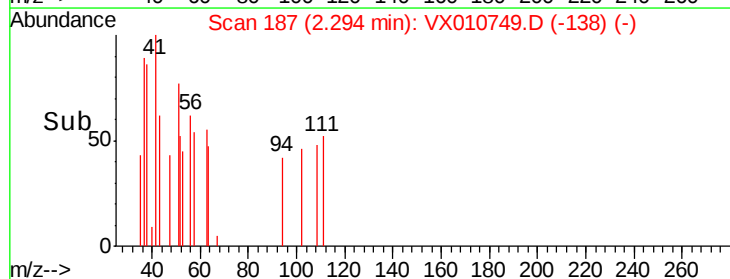
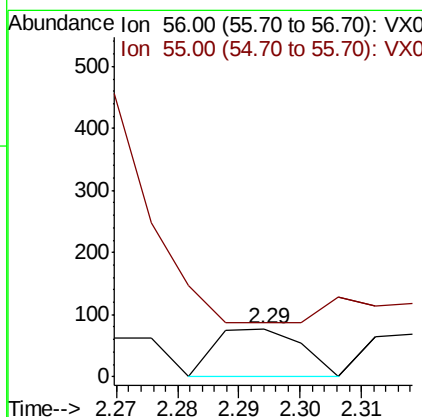
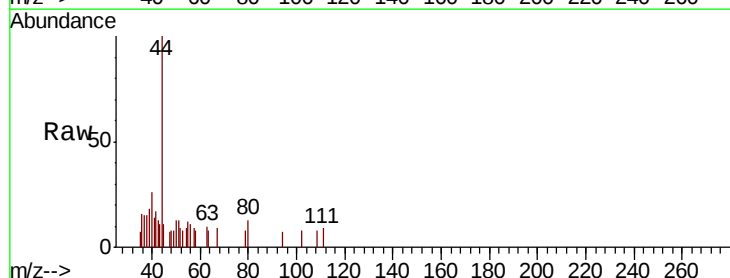
Tot Ion: 59 Resp: 2783
 Ion Ratio Lower Upper
 59 100
 57 2.4 7.7 11.5#

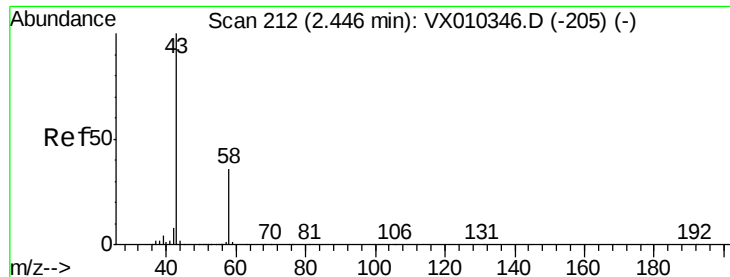


#13

Acrolein
 Concen: 0.214 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

Tgt Ion: 56 Resp: 75
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#





#16

Acetone

Concen: 3.073 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

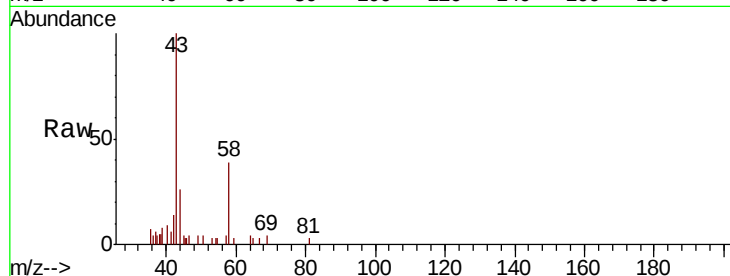
DUP-0533-190701

Tot Ion: 43 Resp: 3108

Ion Ratio Lower Upper

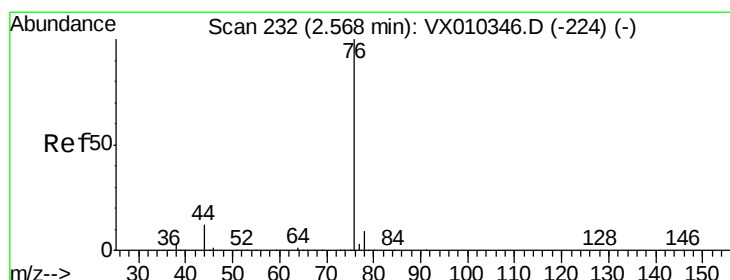
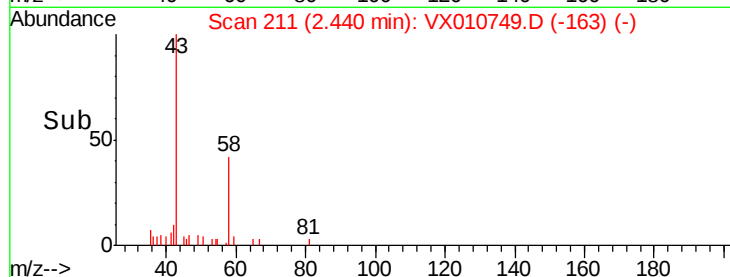
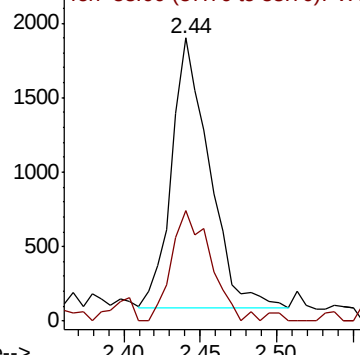
43 100

58 40.8 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: 0.310 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX010749.D

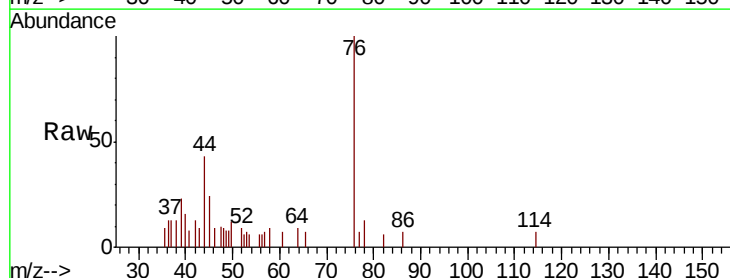
Acq: 09 Jul 2019 14:37

Tgt Ion: 76 Resp: 1553

Ion Ratio Lower Upper

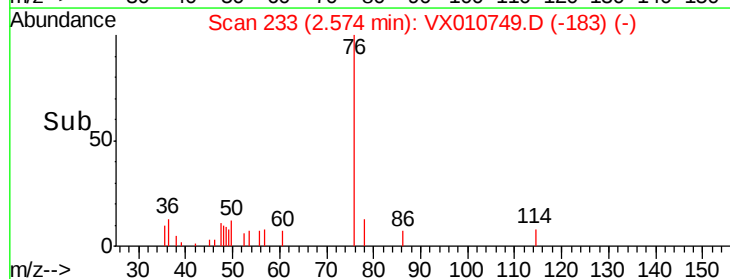
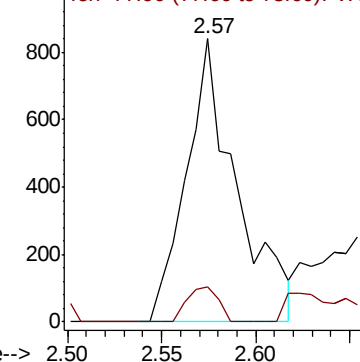
76 100

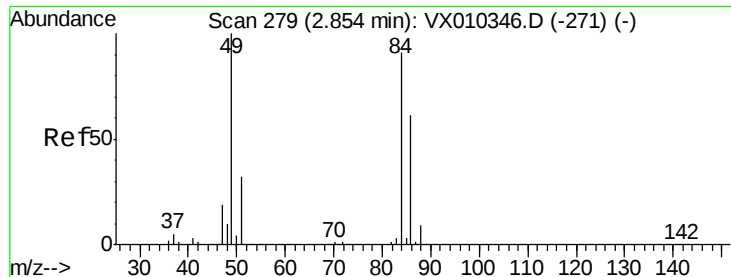
78 12.5 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#20

Methvlene Chloride

Concen: 0.218 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701

Tot Ion: 84 Resp: 454

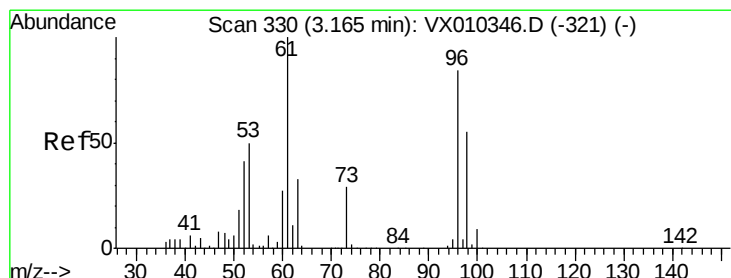
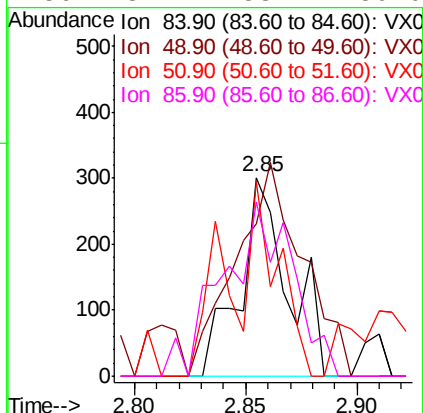
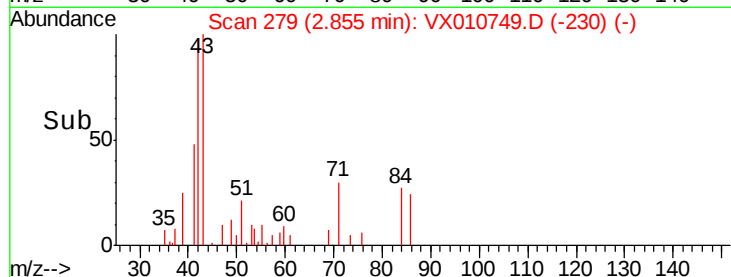
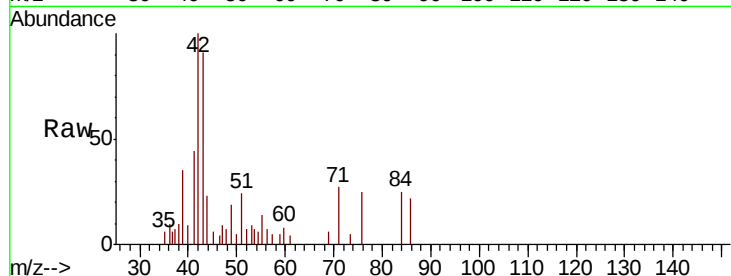
Ion Ratio Lower Upper

84 100

49 76.4 87.5 131.3#

51 97.7 27.7 41.5#

86 87.4 53.4 80.0#



#21

trans-1,2-Dichloroethene

Concen: 0.218 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

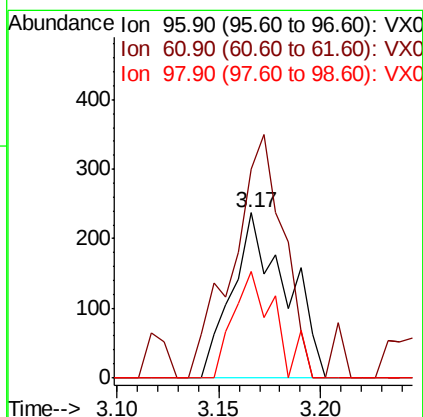
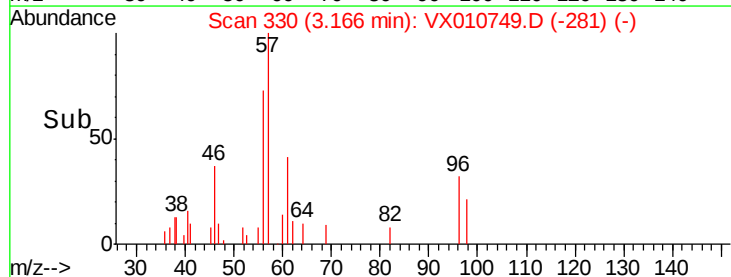
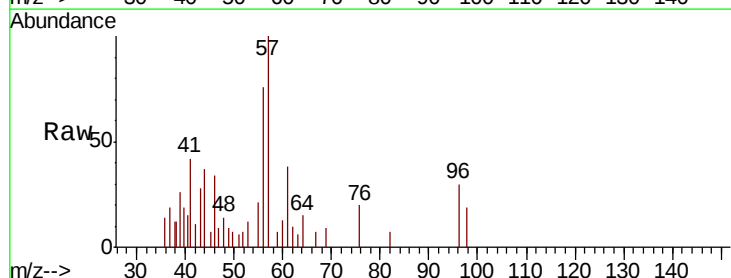
Tgt Ion: 96 Resp: 437

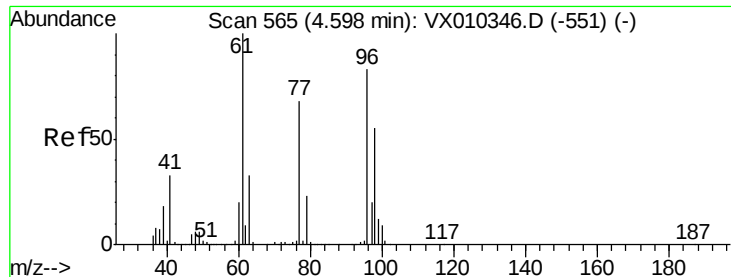
Ion Ratio Lower Upper

96 100

61 127.0 95.6 143.4

98 64.6 52.5 78.7



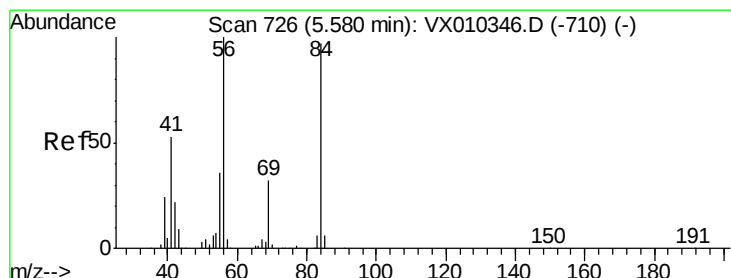
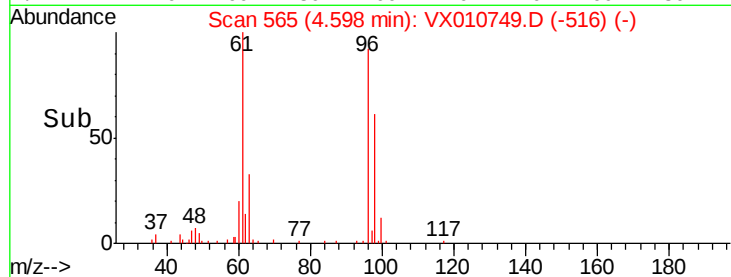
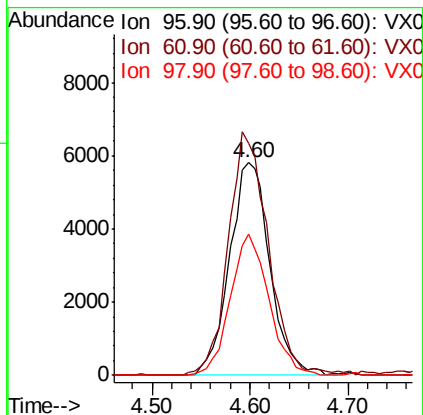
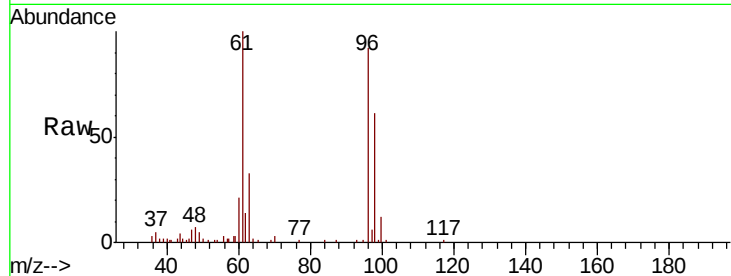


#27

cis-1,2-Dichloroethene
 Concen: 7.161 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701

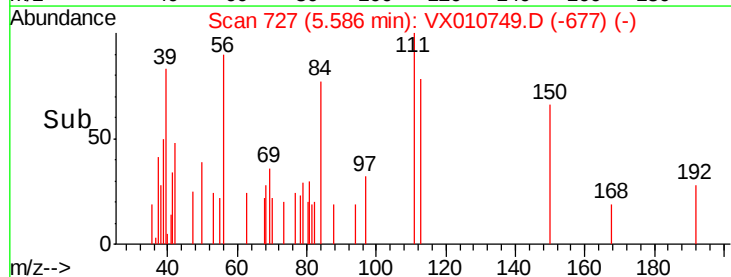
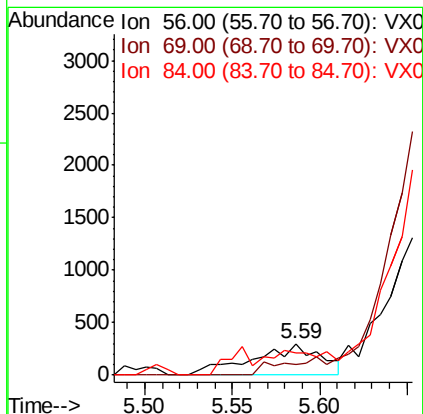
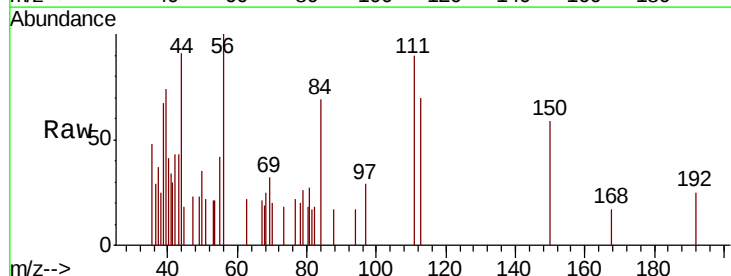
Tot Ion	Ratio	Lower	Upper
96	100		
61	113.0	0.0	251.8
98	63.2	0.0	129.4

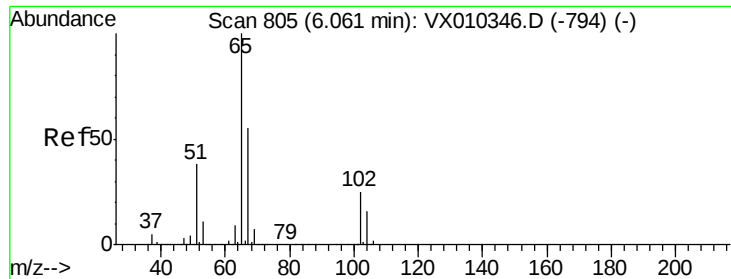


#31

Cyclohexane
 Concen: 0.277 ug/l
 RT: 5.59 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.9	38.9
84	69.0	78.0	117.0#

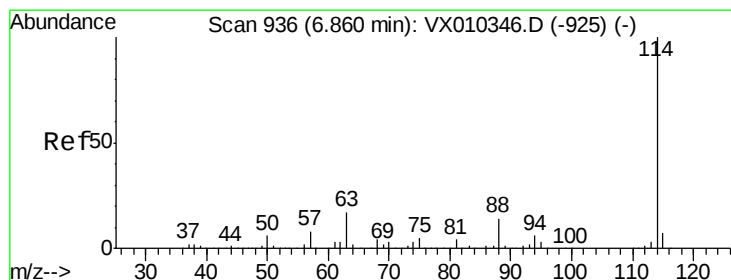
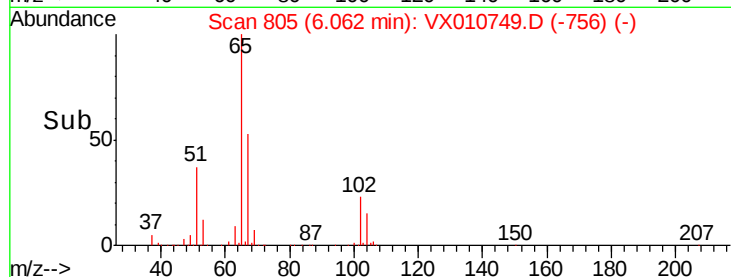
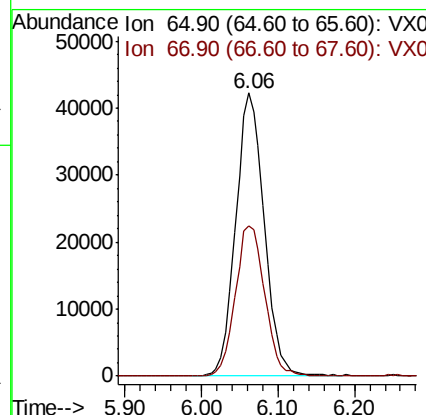
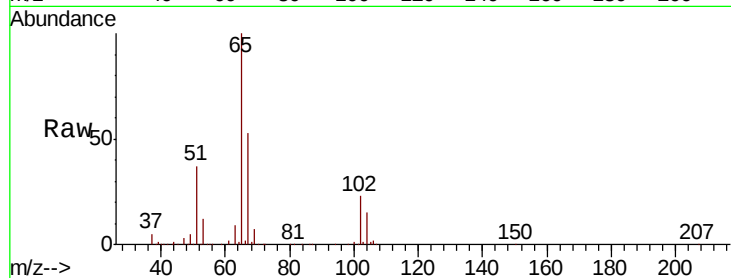




#33
 1,2-Dichloroethane-d4
 Concen: 53.929 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

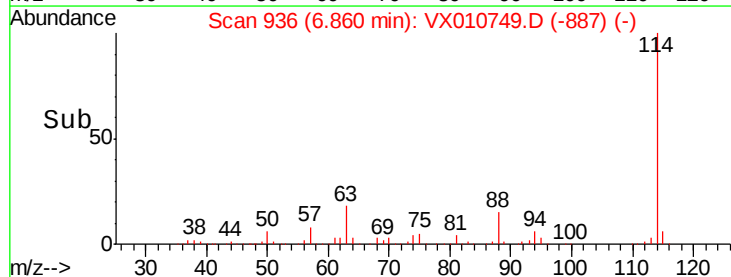
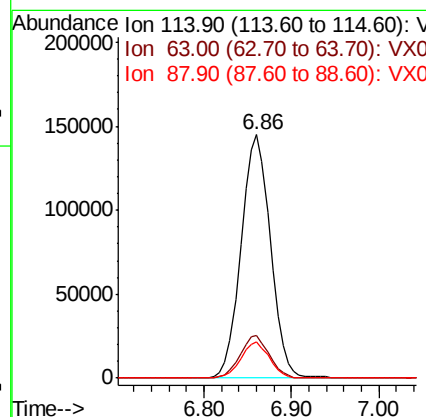
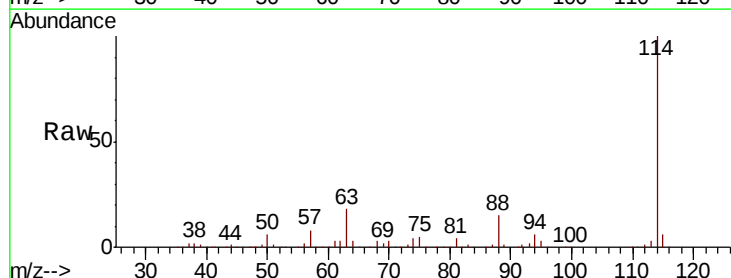
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701

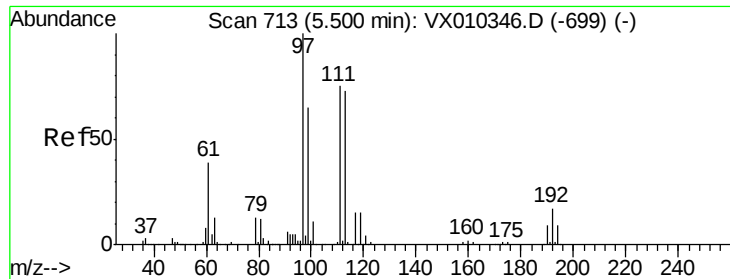
Tot Ion: 65 Resp: 108825
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

Tgt Ion: 114 Resp: 338496
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 14.9 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.143 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701

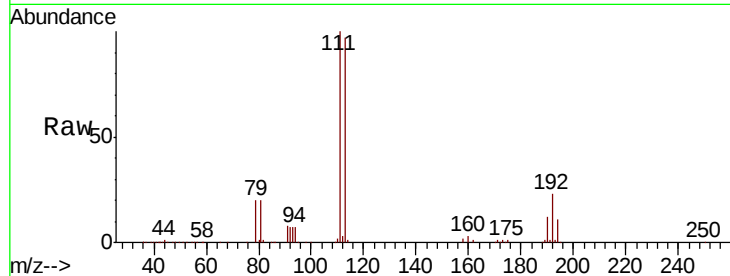
Tot Ion:113 Resp: 103848

Ion Ratio Lower Upper

113 100

111 102.3 81.2 121.8

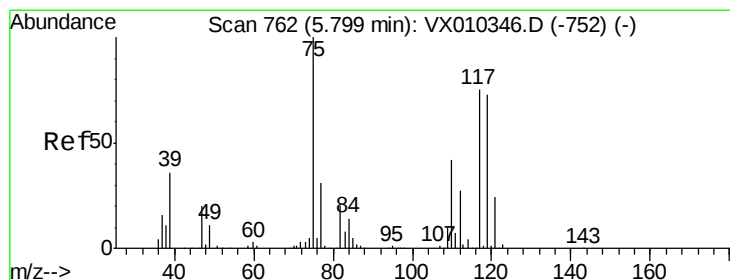
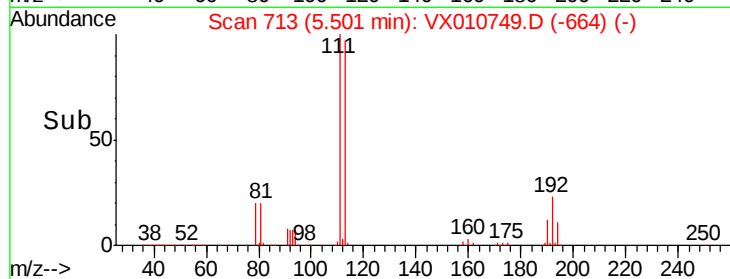
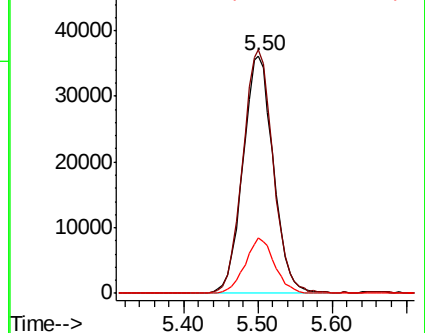
192 22.5 18.6 27.8



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: 5.347 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

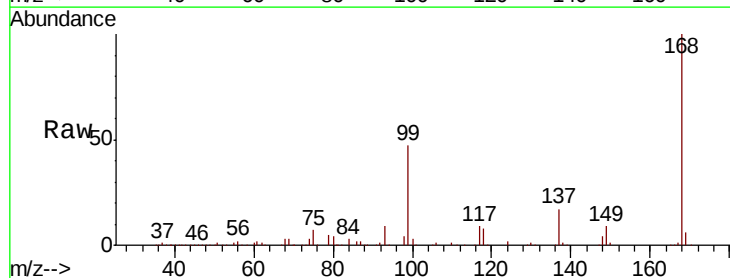
Tgt Ion: 75 Resp: 14383

Ion Ratio Lower Upper

75 100

110 11.5 20.8 62.2#

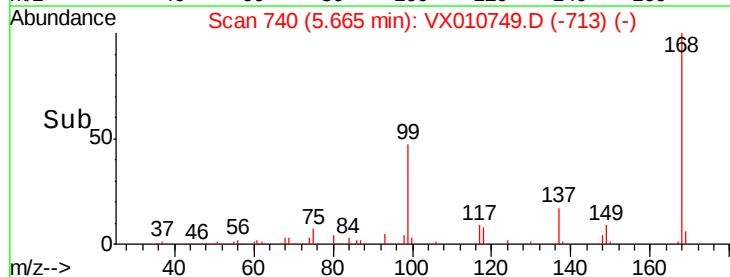
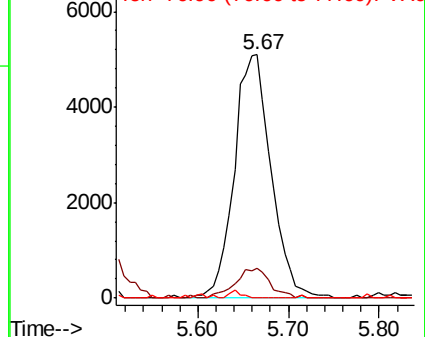
77 0.0 25.4 38.0#

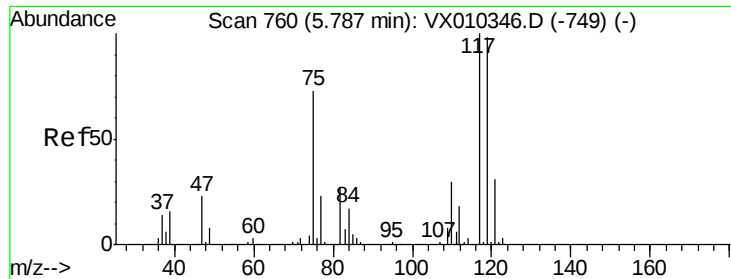


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.706 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701

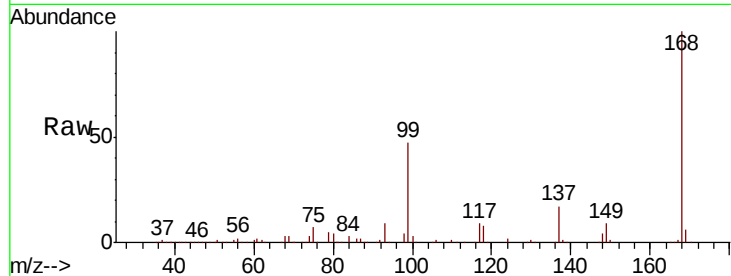
Tot Ion:117 Resp: 19533

Ion Ratio Lower Upper

117 100

119 4.5 78.2 117.4#

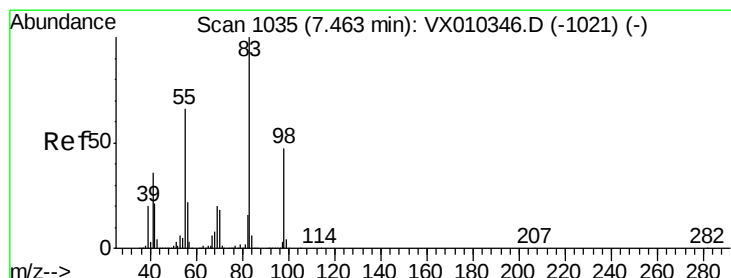
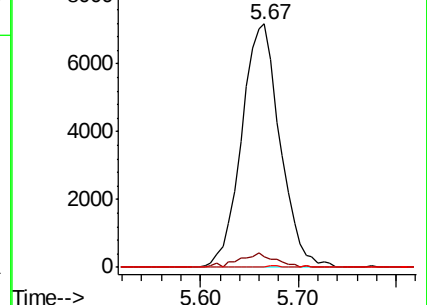
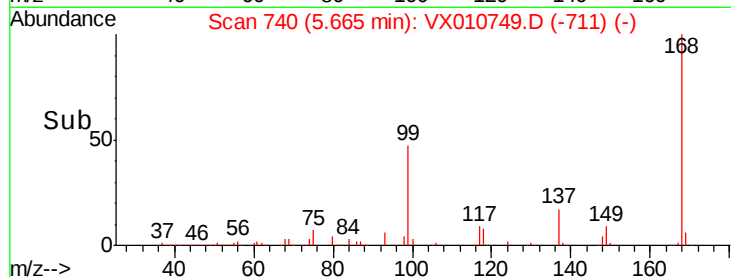
121 0.0 24.7 37.1#



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: 0.927 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

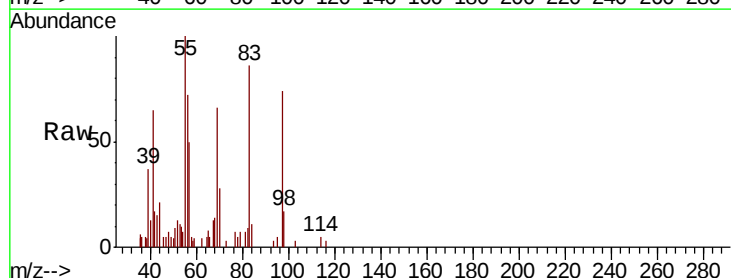
Tgt Ion: 83 Resp: 3276

Ion Ratio Lower Upper

83 100

55 116.9 53.0 79.6#

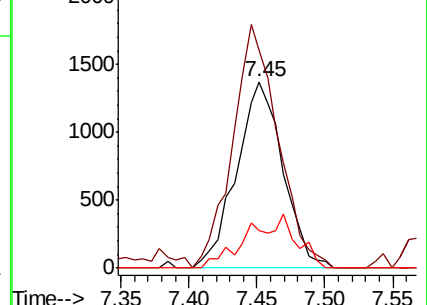
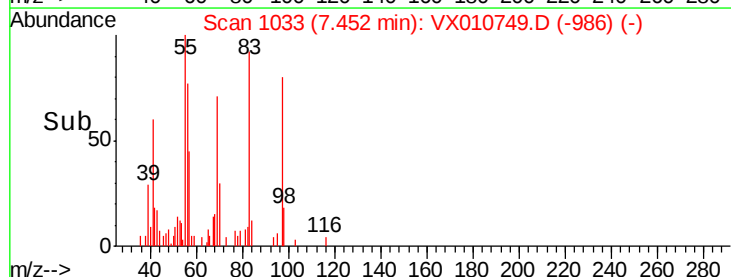
98 20.1 37.8 56.8#

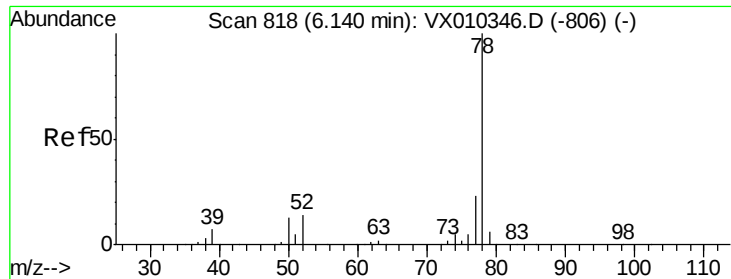


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.411 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

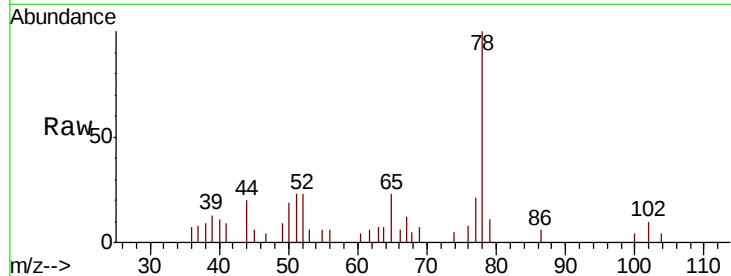
DUP-0533-190701

Tot Ion: 78 Resp: 3446

Ion Ratio Lower Upper

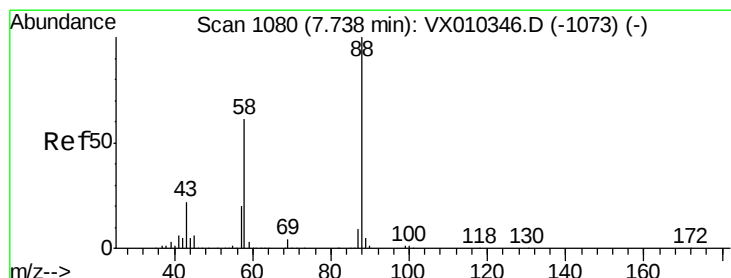
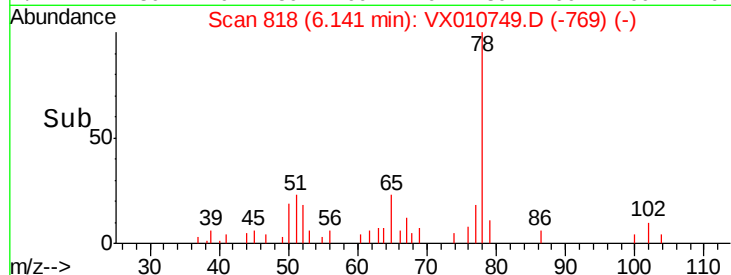
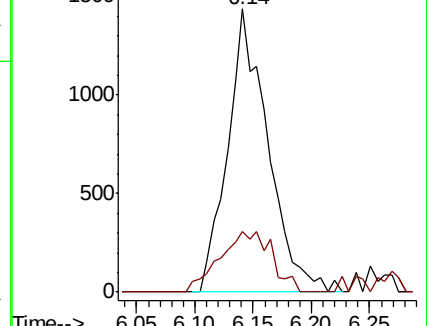
78 100

77 17.5 18.6 28.0#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

1,4-Dioxane

Concen: 0.326 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

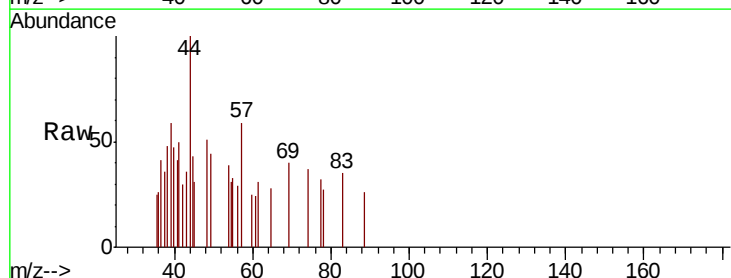
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 610.0 20.2 30.2#

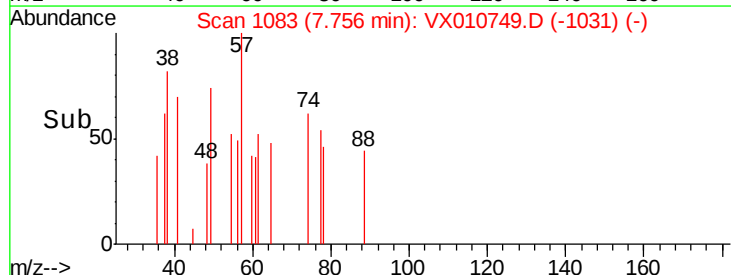
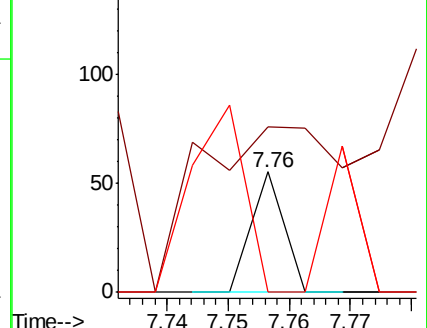
58 265.0 49.5 74.3#

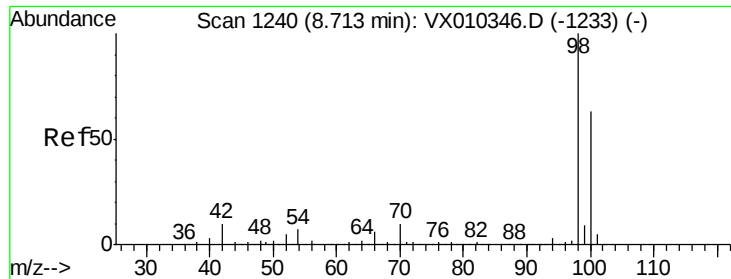


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

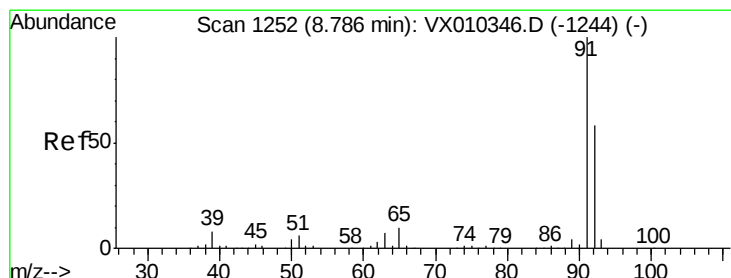
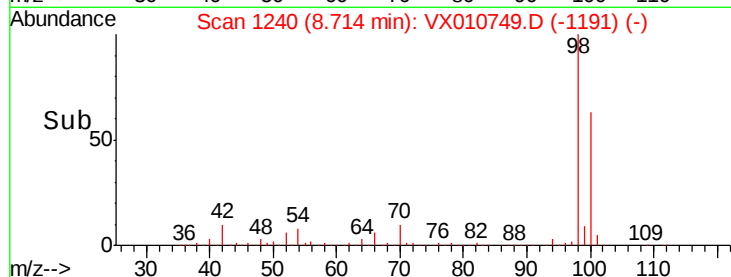
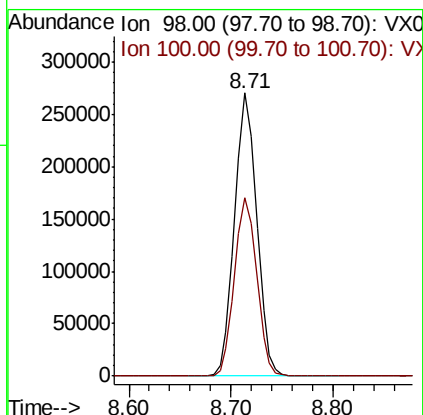
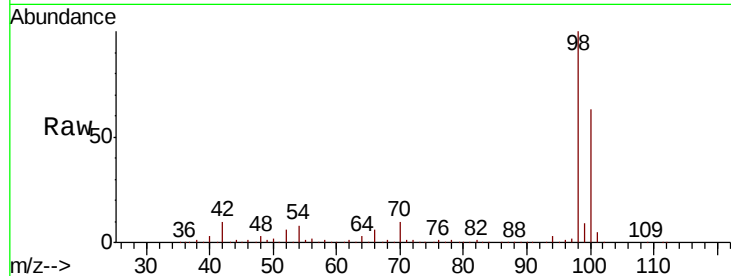




#50
Toluene-d8
Concen: 51.359 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010749.D
Acq: 09 Jul 2019 14:37

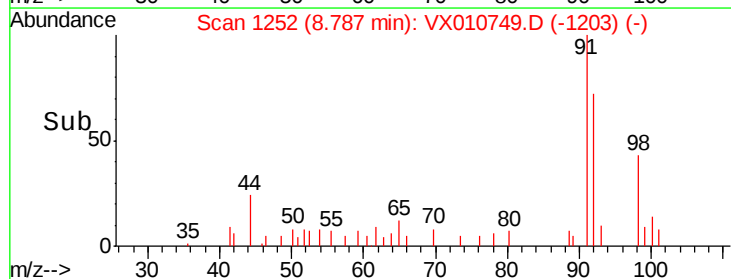
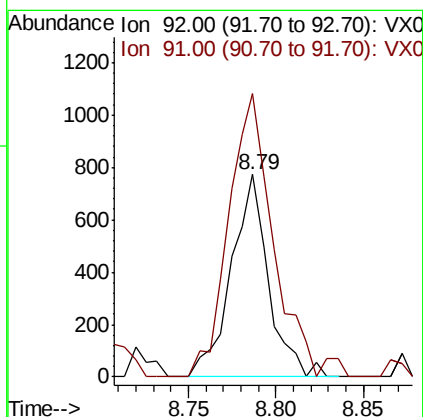
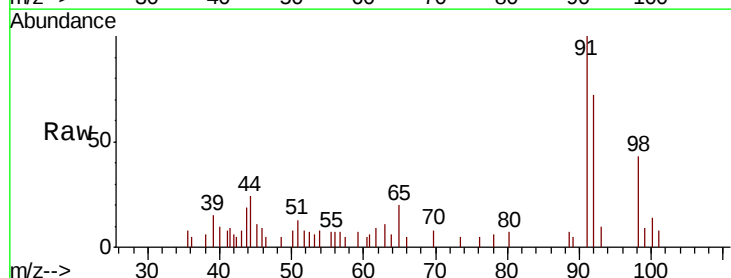
Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701

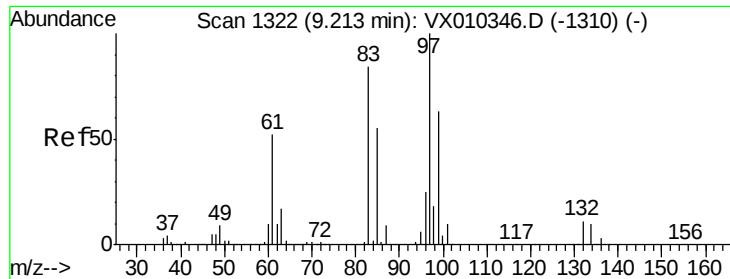
Tot Ion: 98 Resp: 406935
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#52
Toluene
Concen: 0.206 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010749.D
Acq: 09 Jul 2019 14:37

Tgt Ion: 92 Resp: 1138
Ion Ratio Lower Upper
92 100
91 170.3 139.8 209.6

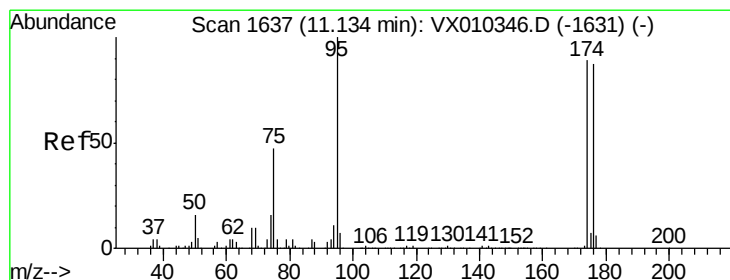
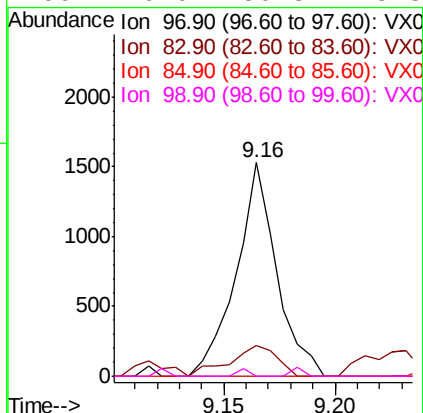
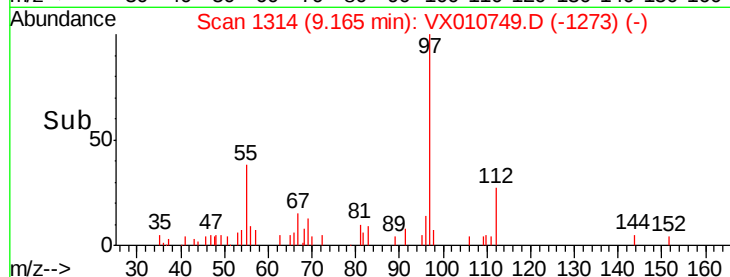
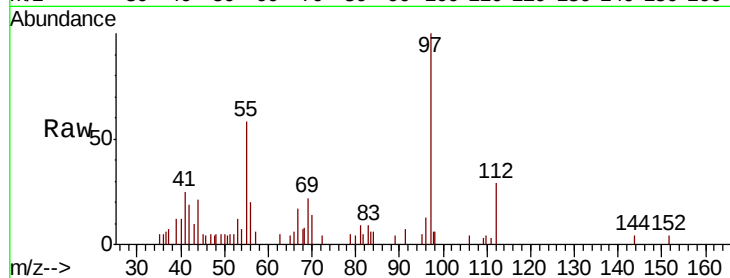




#55
 1,1,2-Trichloroethane
 Concen: 0.850 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

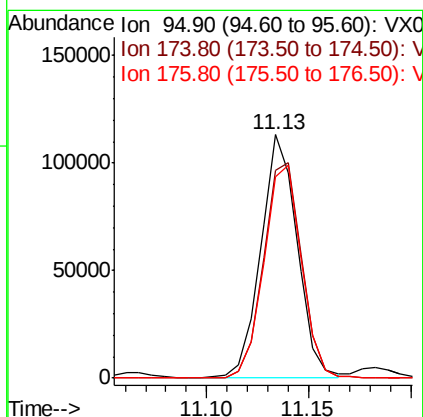
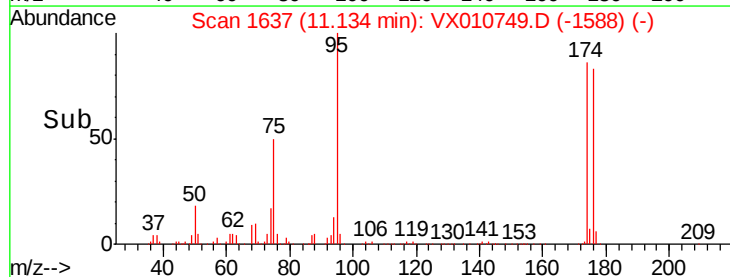
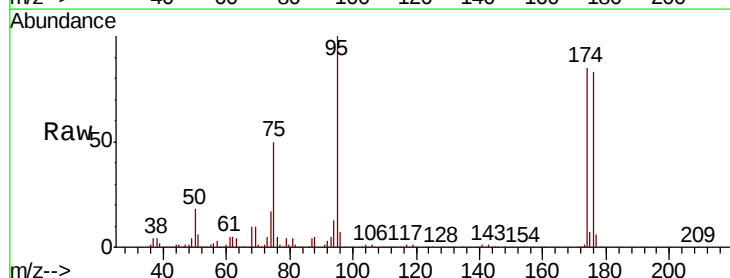
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701

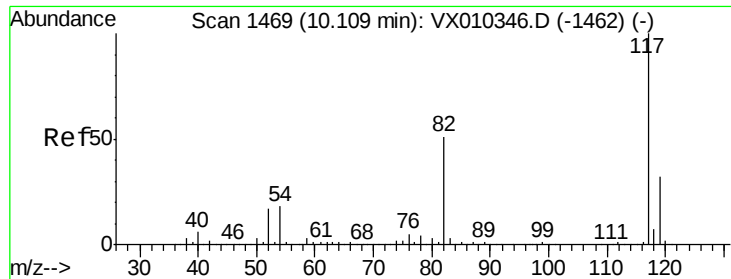
Tot Ion: 97 Resp: 1935
 Ion Ratio Lower Upper
 97 100
 83 14.5 67.4 101.0#
 85 0.0 43.8 65.8#
 99 0.0 50.3 75.5#



#62
 4-Bromofluorobenzene
 Concen: 48.961 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

Tgt Ion: 95 Resp: 140055
 Ion Ratio Lower Upper
 95 100
 174 93.6 0.0 187.6
 176 91.2 0.0 184.0

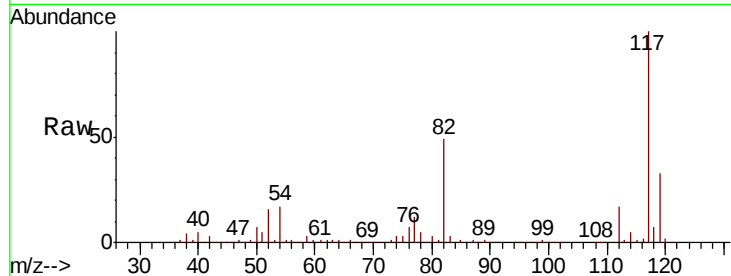




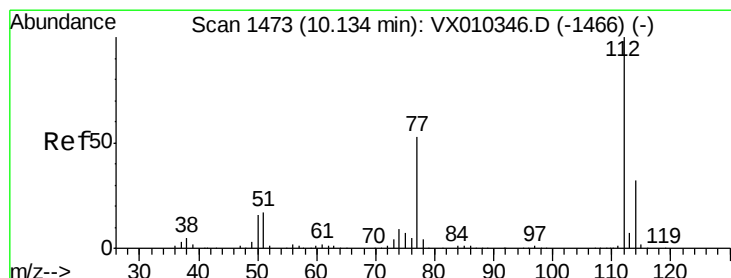
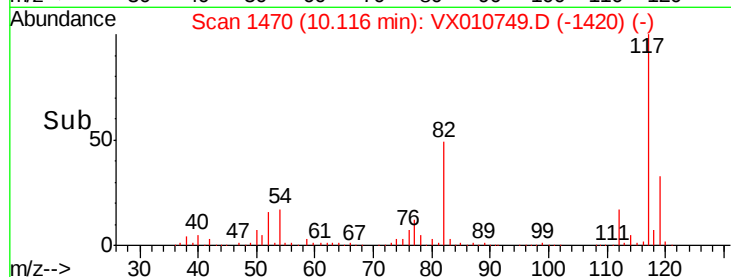
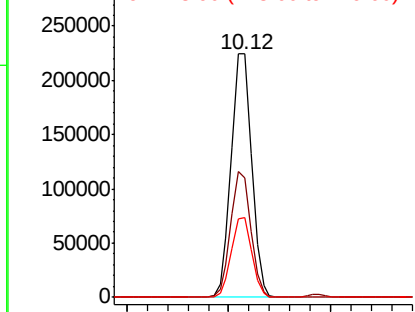
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010749.D
Acq: 09 Jul 2019 14:37

Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701

Tot Ion:117 Resp: 312244
Ion Ratio Lower Upper
117 100
82 49.0 41.2 61.8
119 32.8 25.5 38.3

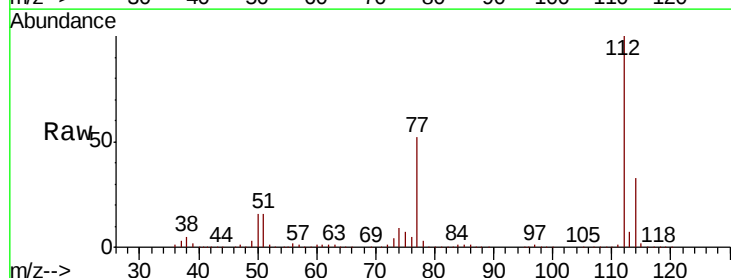


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

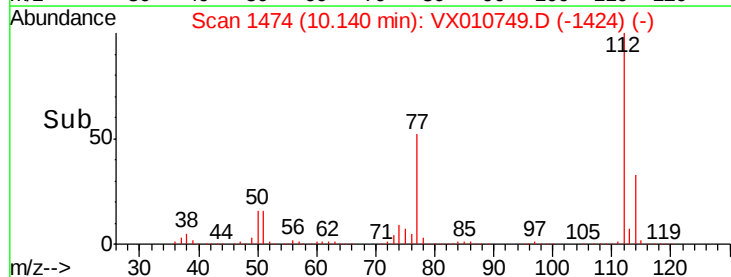
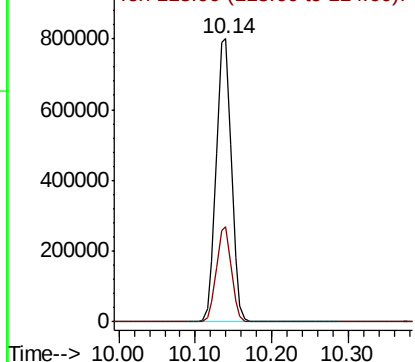


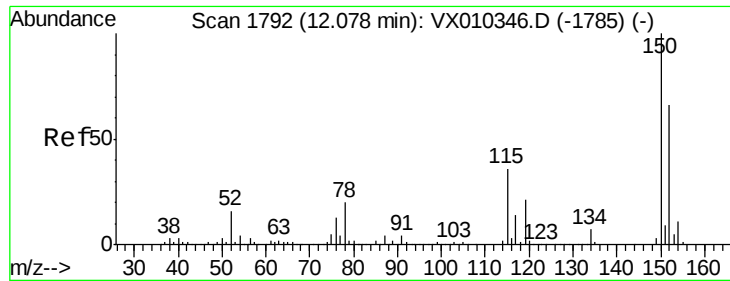
#65
Chlorobenzene
Concen: 174.769 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010749.D
Acq: 09 Jul 2019 14:37

Tgt Ion:112 Resp: 1107886
Ion Ratio Lower Upper
112 100
114 33.5 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: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701

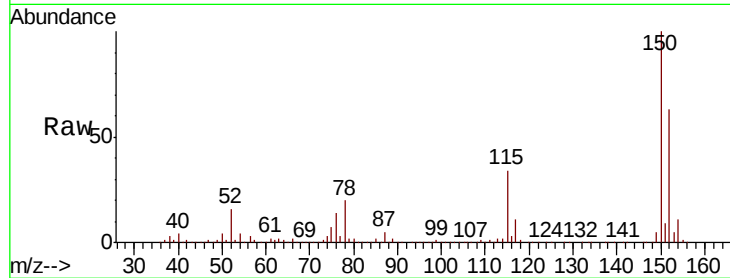
Tot Ion:152 Resp: 149696

Ion Ratio Lower Upper

152 100

115 54.9 38.6 115.7

150 156.3 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

250000

200000

150000

100000

50000

0

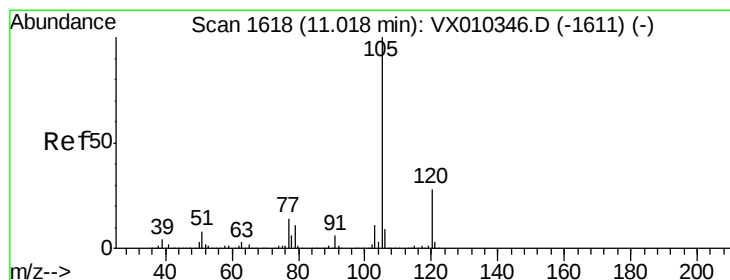
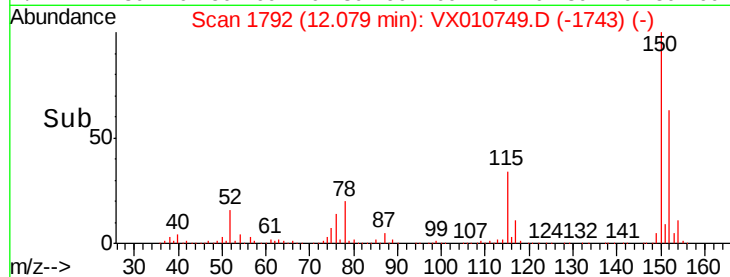
12.08

12.05

12.10

12.15

Time-->



#73

Isopropylbenzene

Concen: 1.187 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010749.D

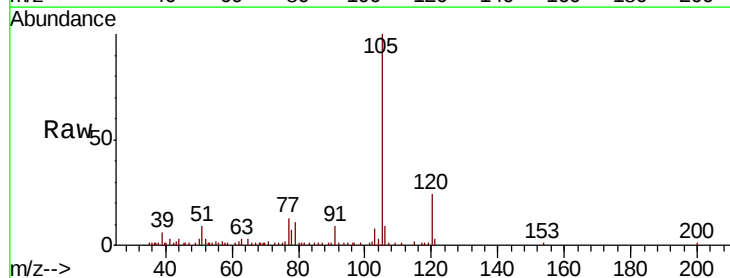
Acq: 09 Jul 2019 14:37

Tgt Ion:105 Resp: 12045

Ion Ratio Lower Upper

105 100

120 27.2 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10000

8000

6000

4000

2000

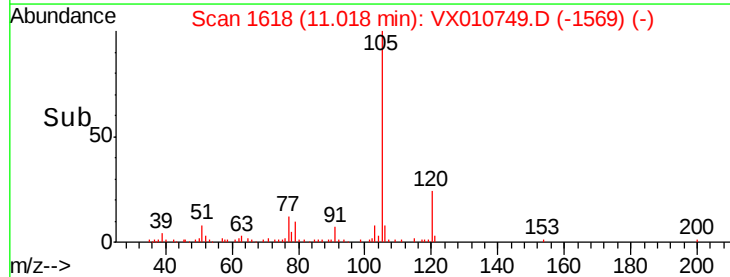
0

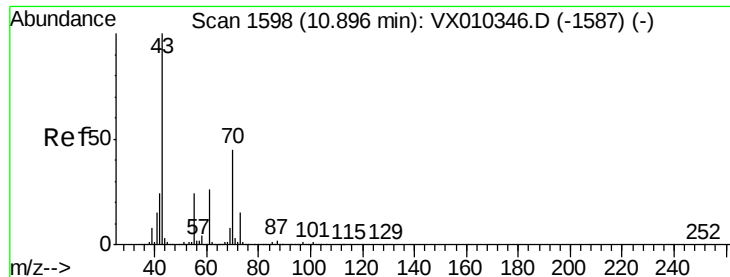
11.02

10.95

11.05

Time-->





#74

N-amvl acetate

Concen: 0.322 ug/l

RT: 10.94 min Scan# 1605

Delta R.T. 0.04 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701

Tot Ion: 43 Resp: 1236

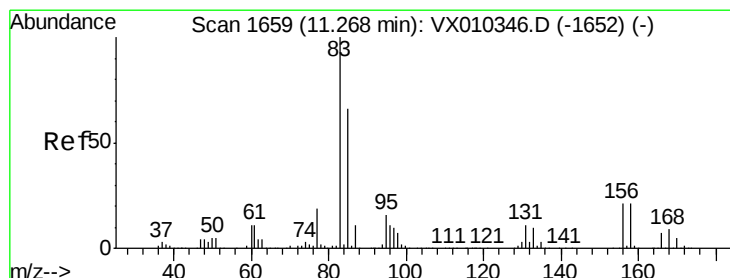
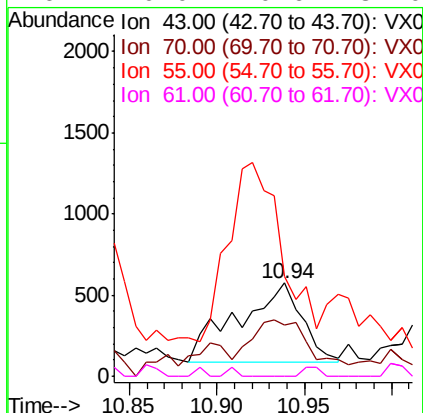
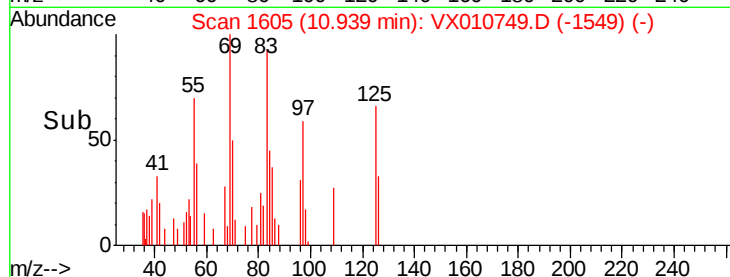
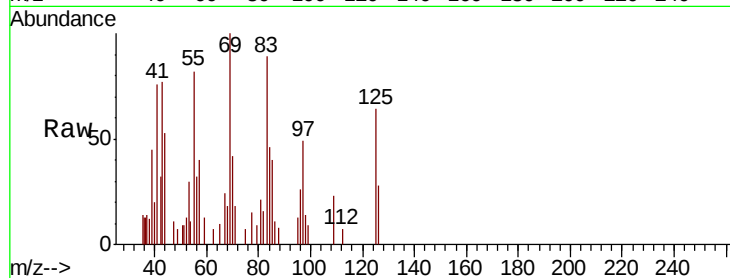
Ion Ratio Lower Upper

43 100

70 46.0 36.6 54.8

55 189.5 18.7 28.1#

61 0.0 20.6 31.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.315 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

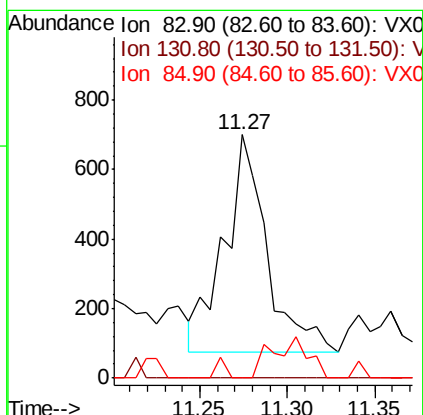
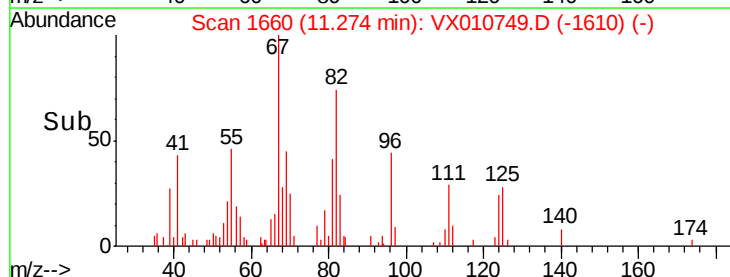
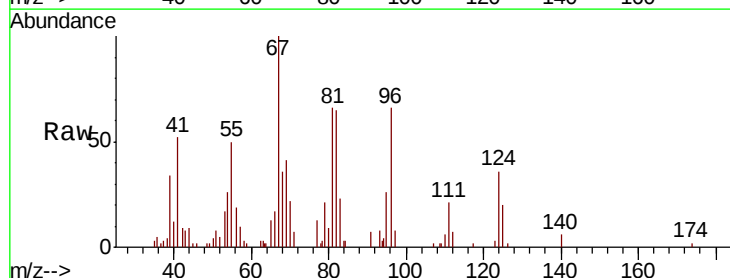
Tgt Ion: 83 Resp: 1057

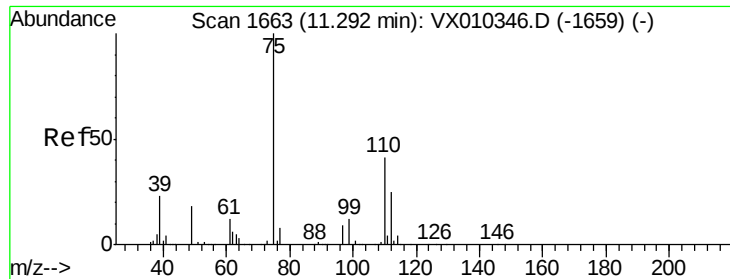
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 0.0 32.3 96.8#

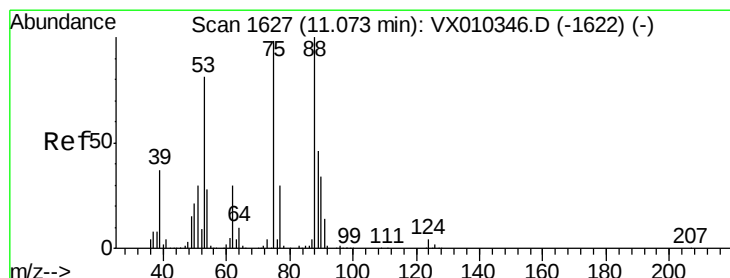
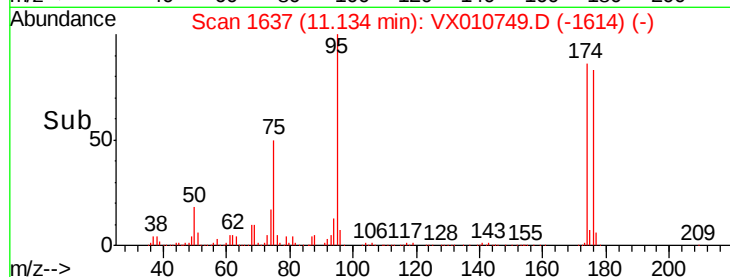
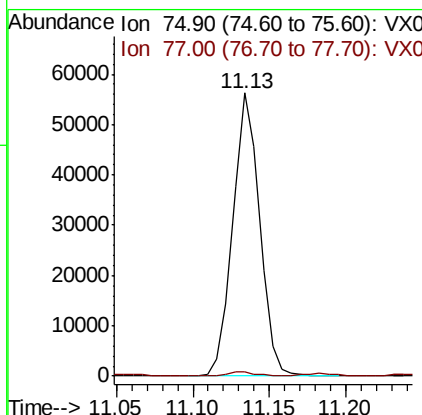
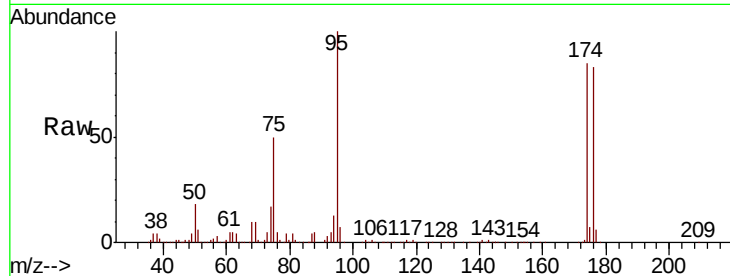




#76
 1,2,3-Trichloropropane
 Concen: 25.141 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

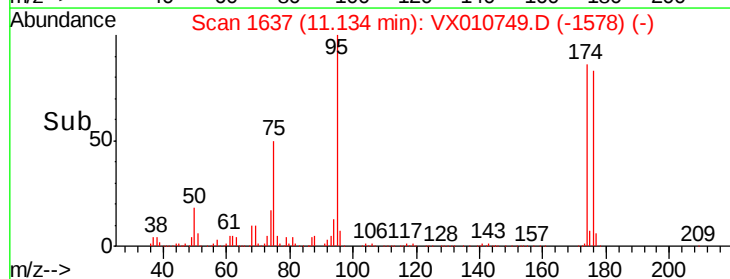
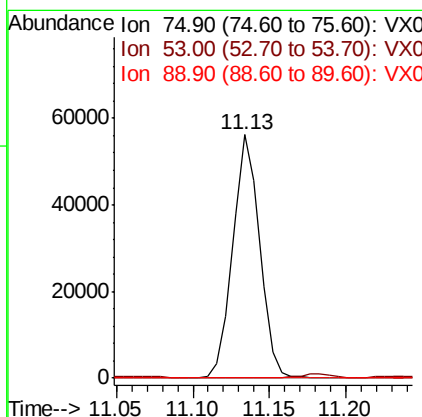
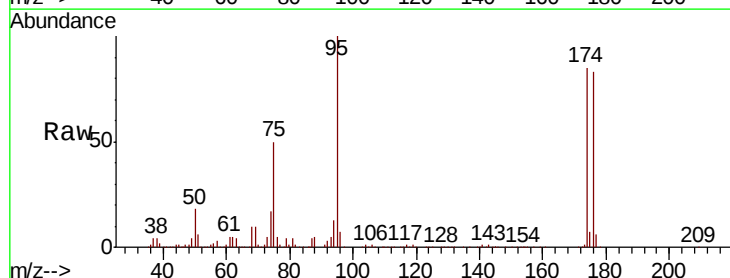
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701

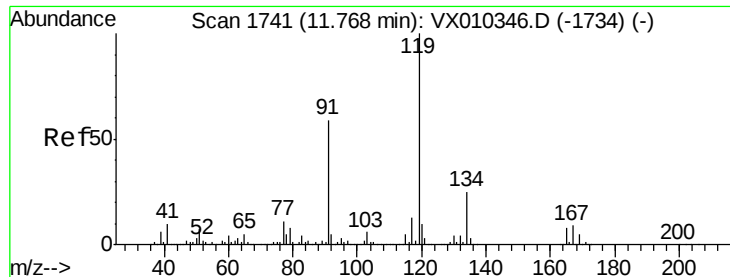
Tot Ion: 75 Resp: 68580
 Ion Ratio Lower Upper
 75 100
 77 1.3 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.650 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

Tgt Ion: 75 Resp: 68580
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.1 37.8 56.6#

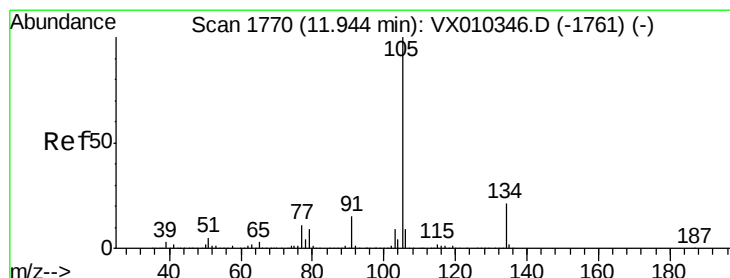
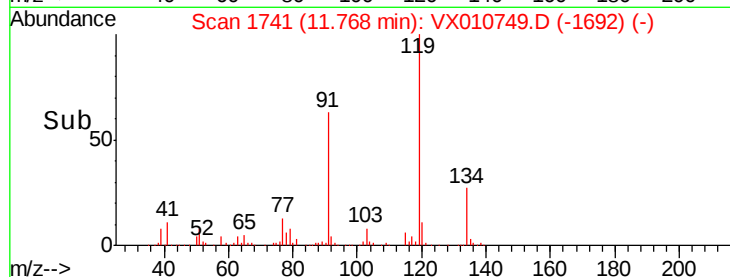
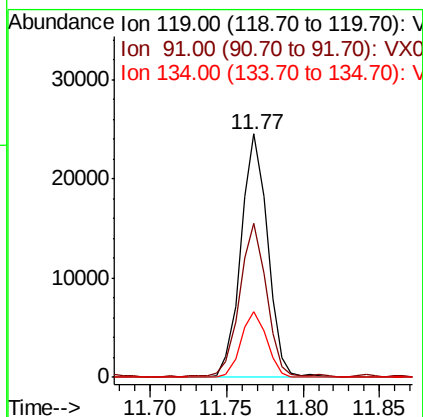
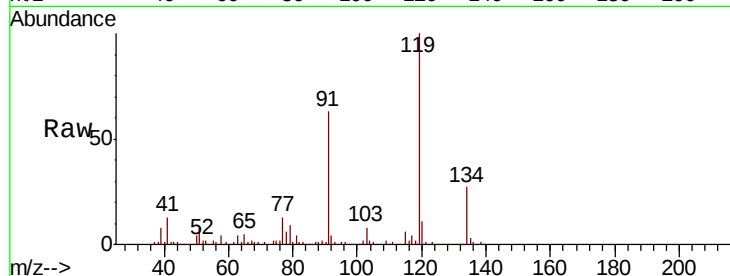




#83
tert-Butylbenzene
Concen: 3.551 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010749.D
Acq: 09 Jul 2019 14:37

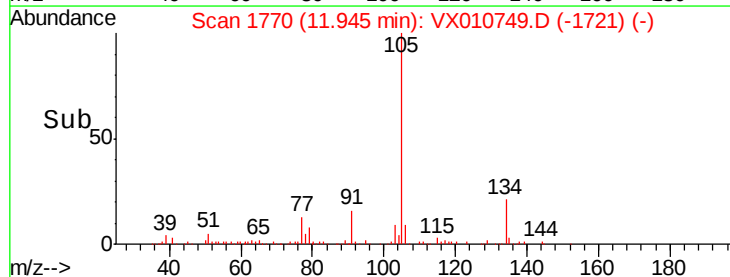
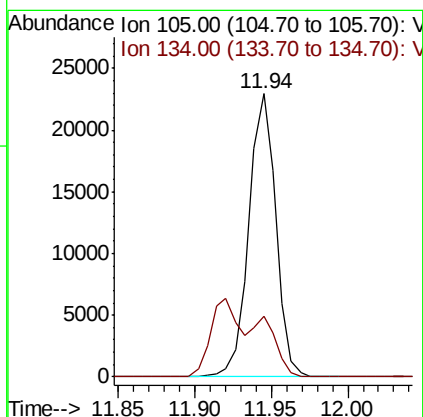
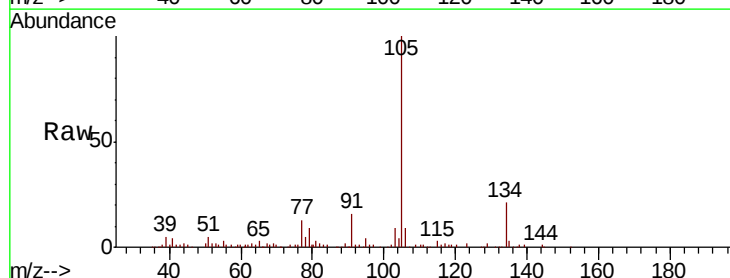
Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701

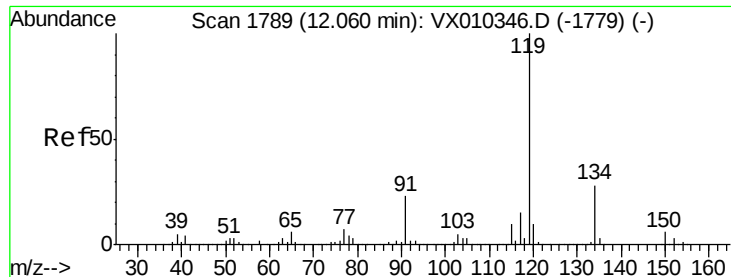
Tot Ion:119 Resp: 29818
Ion Ratio Lower Upper
119 100
91 62.8 27.6 82.7
134 25.9 11.8 35.4



#85
sec-Butylbenzene
Concen: 2.856 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010749.D
Acq: 09 Jul 2019 14:37

Tgt Ion:105 Resp: 28157
Ion Ratio Lower Upper
105 100
134 0.0 10.7 31.9#

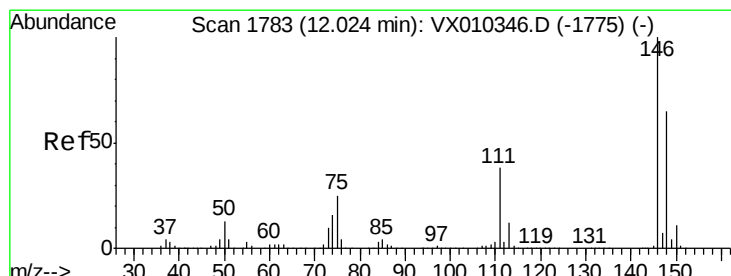
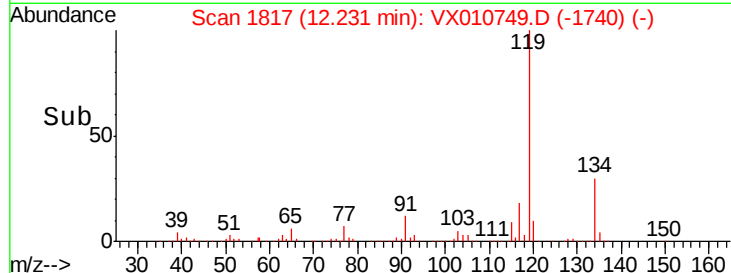
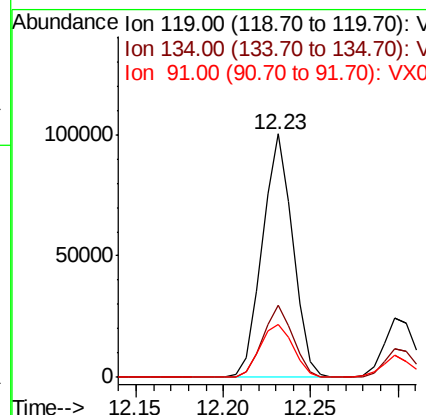
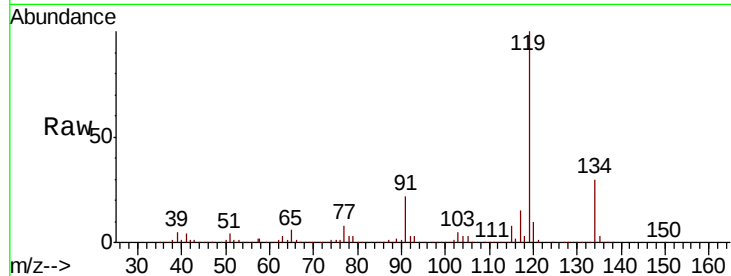




#86
 p-Isopropyltoluene
 Concen: 13.305 ug/l
 RT: 12.23 min Scan# 1817
 Delta R.T. 0.17 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

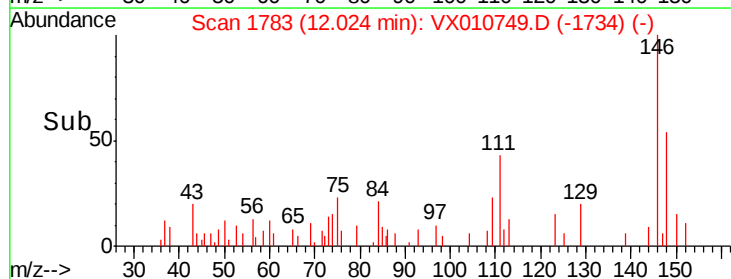
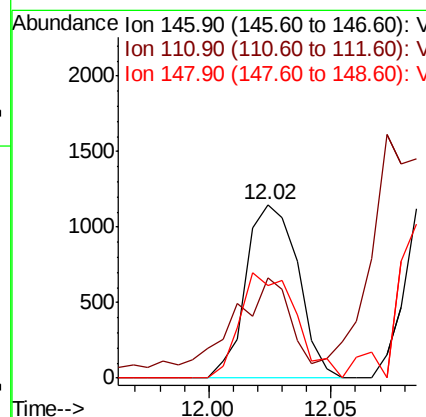
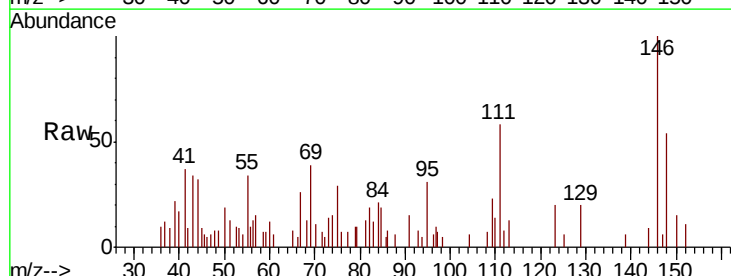
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701

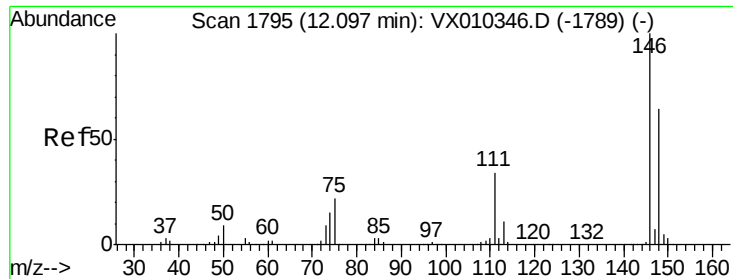
Tot Ion	Ratio	Lower	Upper
119	100		
134	29.6	13.7	41.1
91	23.6	11.3	33.8



#87
 1,3-Dichlorobenzene
 Concen: 0.346 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010749.D
 Acq: 09 Jul 2019 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	70.1	19.1	57.1#
148	65.1	32.5	97.4





#88

1,4-Dichlorobenzene

Concen: 0.647 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701

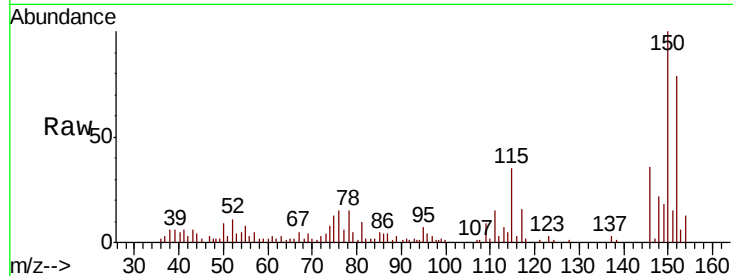
Tot Ion:146 Resp: 3258

Ion Ratio Lower Upper

146 100

111 0.0 18.1 54.3#

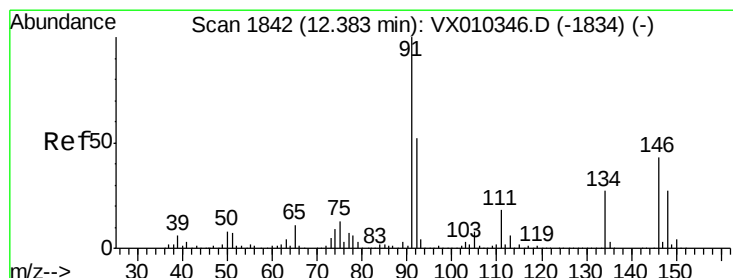
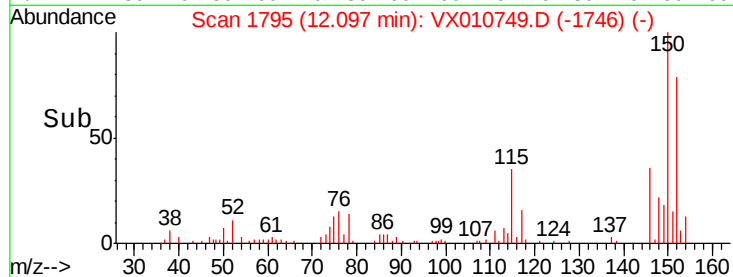
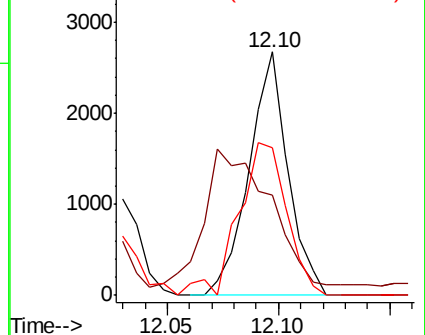
148 77.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.345 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

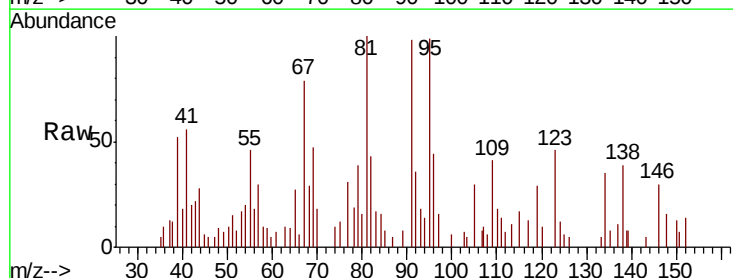
Tgt Ion: 91 Resp: 2670

Ion Ratio Lower Upper

91 100

92 28.5 26.2 78.5

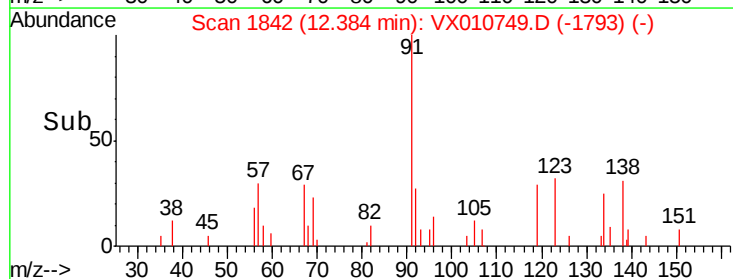
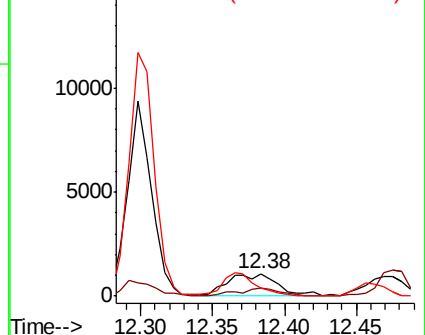
134 68.8 14.1 42.4#

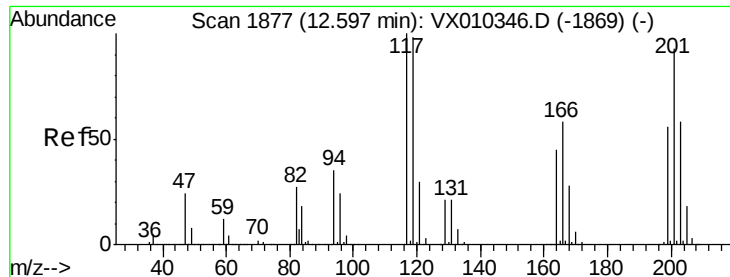


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 17.659 ug/l

RT: 12.70 min Scan# 1894

Delta R.T. 0.10 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

Instrument :

MSVOA_X

ClientSampleId :

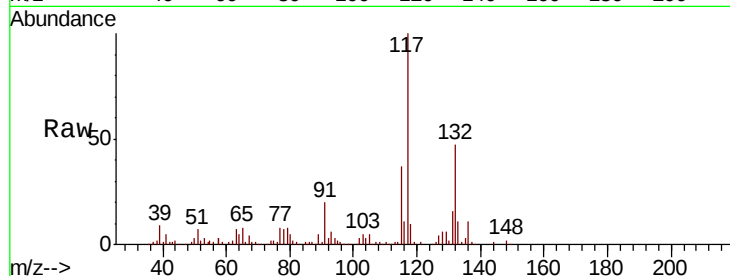
DUP-0533-190701

Tot Ion:117 Resp: 27844

Ion Ratio Lower Upper

117 100

201 0.0 44.0 131.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

200000

150000

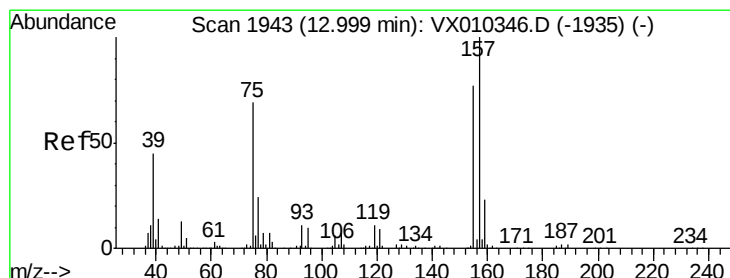
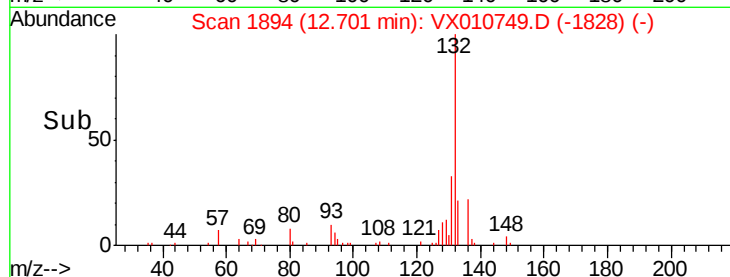
100000

50000

0

12.60 12.65 12.70 12.75

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.524 ug/l

RT: 12.98 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX010749.D

Acq: 09 Jul 2019 14:37

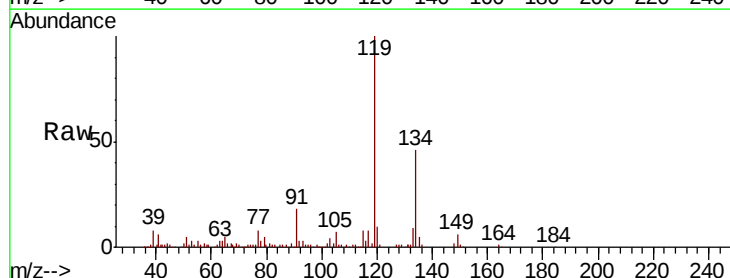
Tgt Ion: 75 Resp: 380

Ion Ratio Lower Upper

75 100

155 0.0 54.4 163.1#

157 0.0 69.5 208.3#



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

800

600

400

200

0

12.95 12.98 13.00

Time-->

