

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX062119\
 Data File : VX010389.D
 Acq On : 21 Jun 2019 16:58
 Operator : JC/SP
 Sample : K3469-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-061919-01

Quant Time: Jun 21 23:13:46 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	278141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	385658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181422	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	129203	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
35) Dibromofluoromethane	5.50	113	130098	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	8.71	98	500869	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	173451	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1048	0.465	ug/l	96
5) Bromomethane	1.65	94	489	0.407	ug/l #	67
6) Chloroethane	1.89	64	546	0.375	ug/l #	44
11) Tert butyl alcohol	3.03	59	6124	8.974	ug/l #	93
13) Acrolein	2.30	56	344	0.760	ug/l #	14
16) Acetone	2.44	43	17489	13.381	ug/l	97
17) Carbon Disulfide	2.57	76	1726	0.267	ug/l	95
18) Methyl Acetate	2.78	43	634	0.243	ug/l #	75
19) Methyl tert-butyl Ether	3.20	73	92283	12.168	ug/l	96
20) Methylene Chloride	2.87	84	581	0.216	ug/l #	40
25) 2-Butanone	4.69	43	769	0.401	ug/l	100
31) Cyclohexane	5.58	56	2149	0.570	ug/l #	76
36) 1,1-Dichloropropene	5.67	75	17107	5.045	ug/l #	48
38) Carbon Tetrachloride	5.67	117	24169	6.582	ug/l #	15
39) Methylcyclohexane	7.46	83	4390	0.985	ug/l	93
40) Benzene	6.15	78	7434	0.704	ug/l	95
49) 1,4-Dioxane	7.86	88	44	0.569	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	951	0.258	ug/l #	85
55) 1,1,2-Trichloroethane	9.16	97	1952	0.680	ug/l #	21
59) 2-Hexanone	9.50	43	605	0.208	ug/l	93
73) Isopropylbenzene	11.02	105	29674	2.413	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	80791	24.438	ug/l #	33
78) n-propylbenzene	11.36	91	36925	2.732	ug/l	98
79) 2-Chlorotoluene	11.36	91	36925	4.588	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	80791	57.011	ug/l #	16
82) 4-Chlorotoluene	11.36	91	36925	4.032	ug/l #	43
83) tert-Butylbenzene	11.77	119	3805	0.374	ug/l	83
84) 1,2,4-Trimethylbenzene	11.80	105	2084	0.205	ug/l	94
85) sec-Butylbenzene	11.94	105	17055	1.427	ug/l	84
86) p-Isopropyltoluene	12.23	119	9026	0.817	ug/l	94
89) n-Butylbenzene	12.39	91	4616	0.492	ug/l #	64
90) Hexachloroethane	12.66	117	4848	2.537	ug/l #	5
95) Naphthalene	13.83	128	47639	3.752	ug/l	98

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

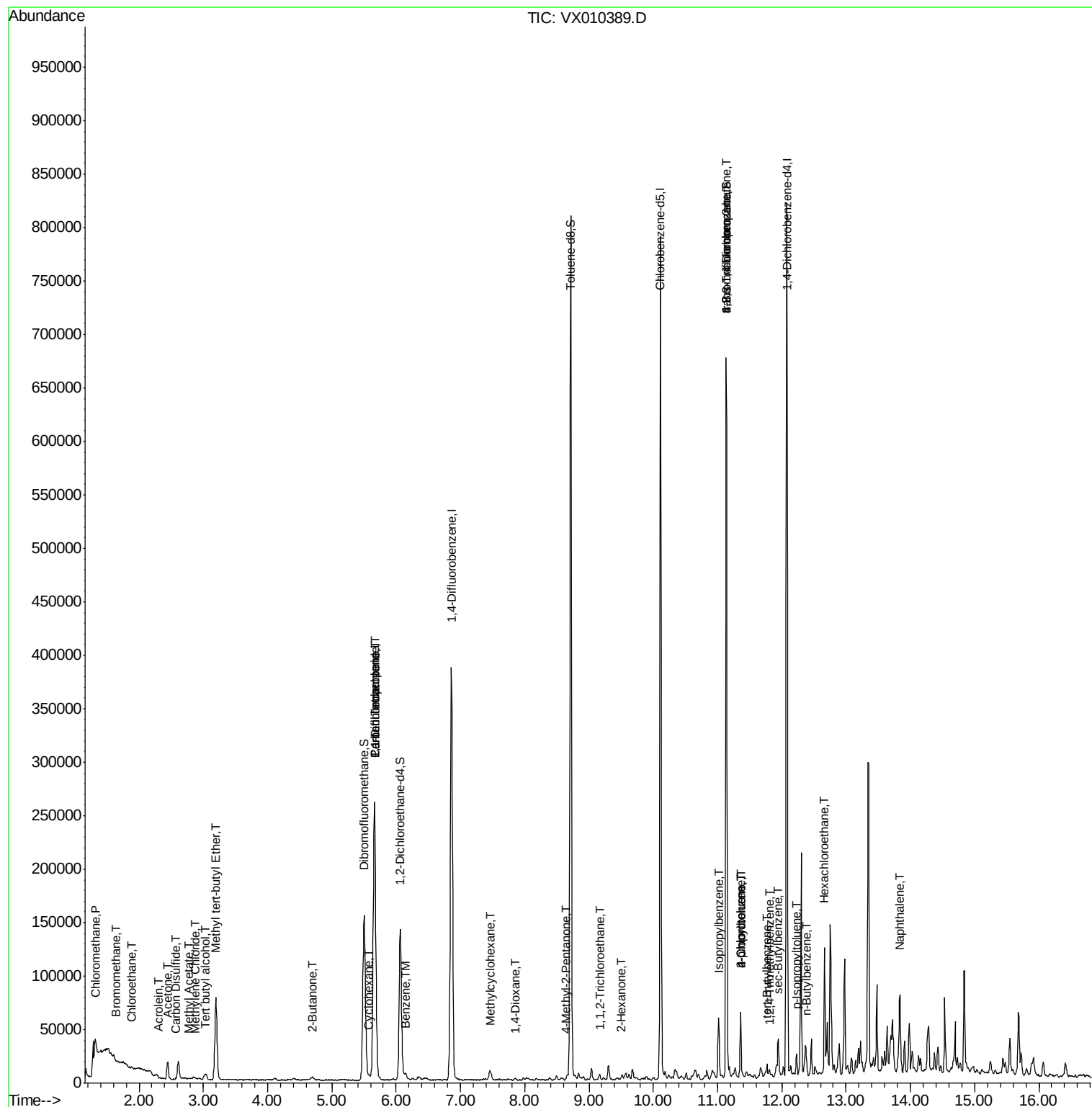
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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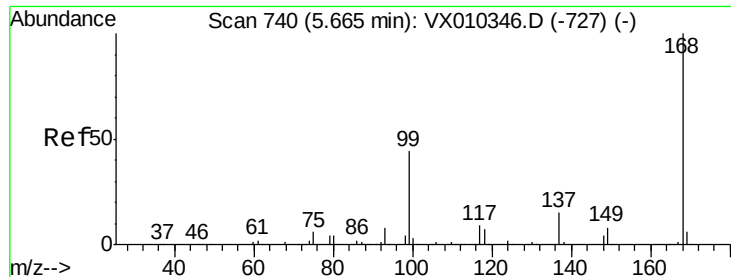
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010389.D

Acq: 21 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

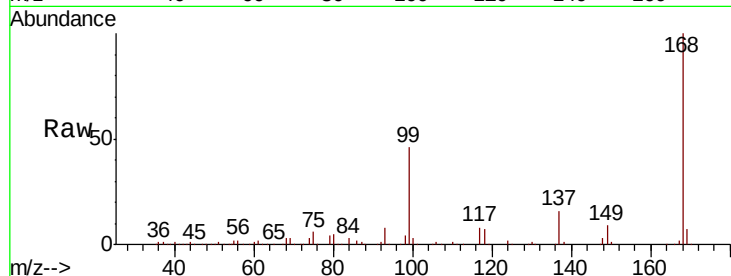
DUP-061919-01

Tot Ion:168 Resp: 278141

Ion Ratio Lower Upper

168 100

99 45.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

40000

20000

0

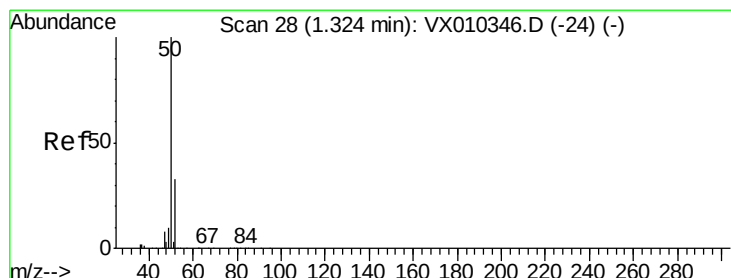
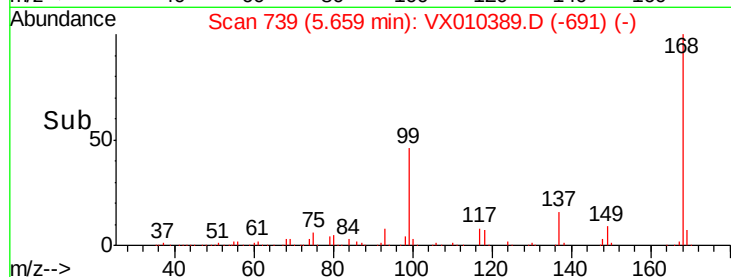
Time-->

5.50

5.60

5.70

5.80



#3

Chloromethane

Concen: 0.465 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010389.D

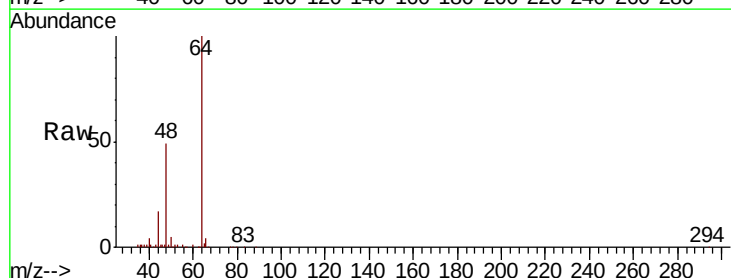
Acq: 21 Jun 2019 16:58

Tgt Ion: 50 Resp: 1048

Ion Ratio Lower Upper

50 100

52 31.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1000

800

600

400

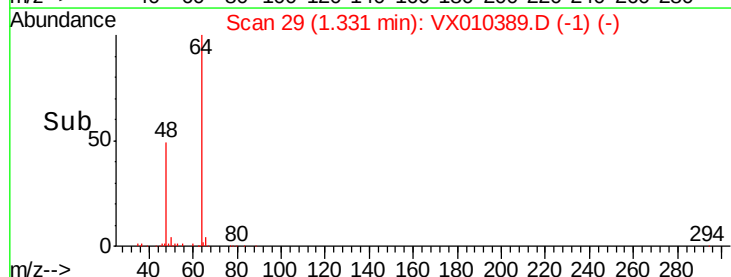
200

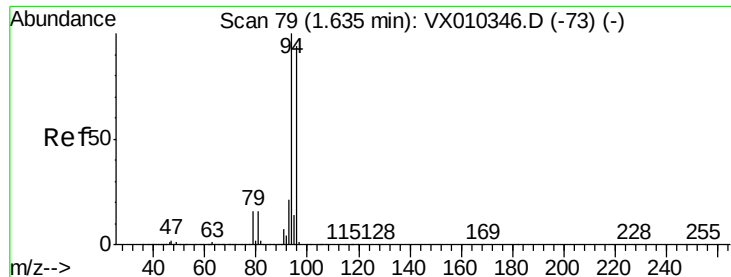
0

Time-->

1.30

1.35





#5

Bromomethane

Concen: 0.407 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampled :

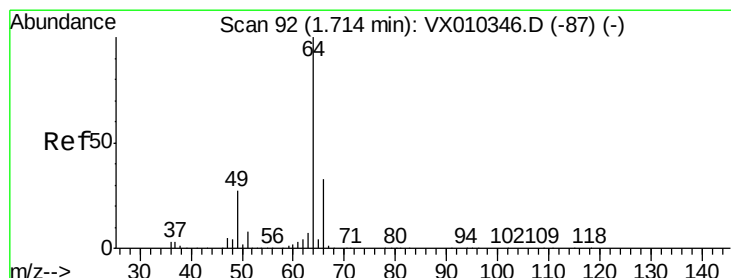
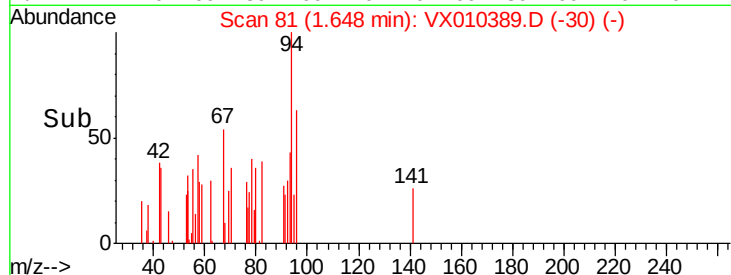
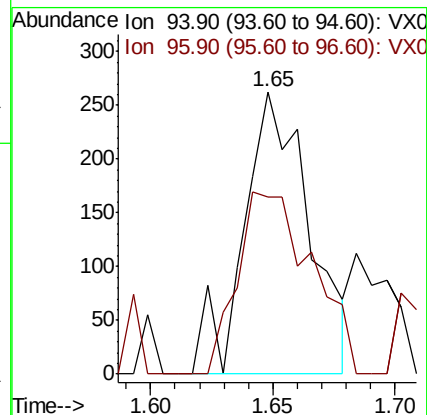
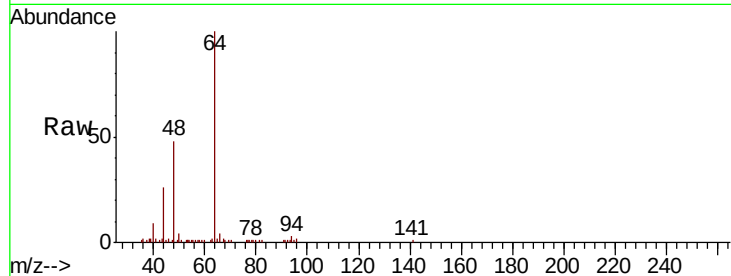
DUP-061919-01

Tot Ion: 94 Resp: 489

Ion Ratio Lower Upper

94 100

96 62.7 75.5 113.3#



#6

Chloroethane

Concen: 0.375 ug/l

RT: 1.89 min Scan# 120

Delta R.T. 0.17 min

Lab File: VX010389.D

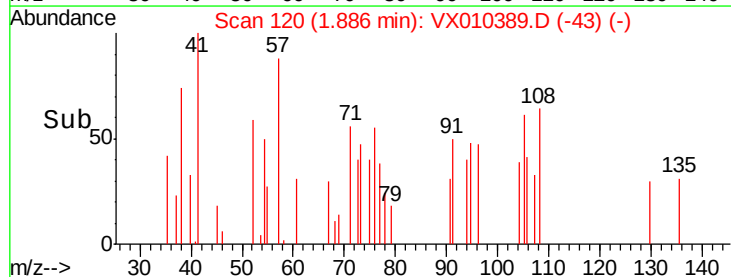
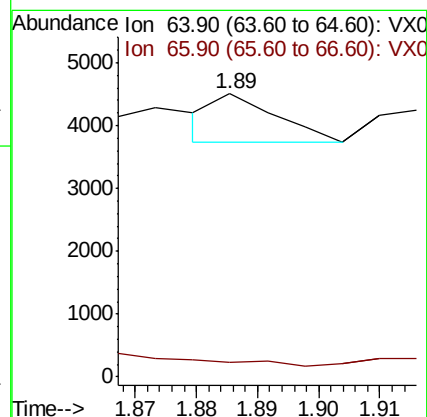
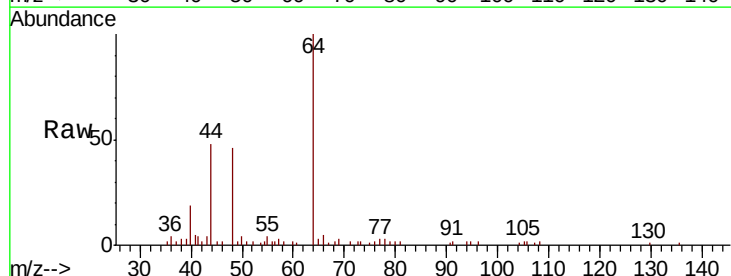
Acq: 21 Jun 2019 16:58

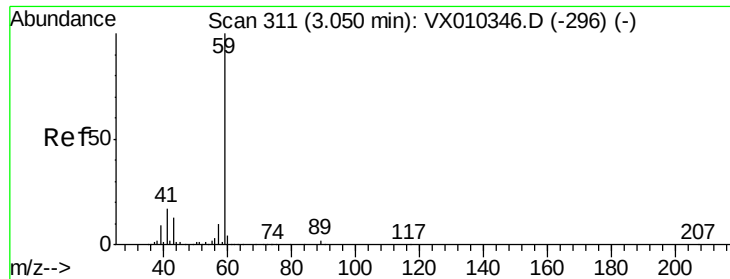
Tgt Ion: 64 Resp: 546

Ion Ratio Lower Upper

64 100

66 1.3 26.6 40.0#



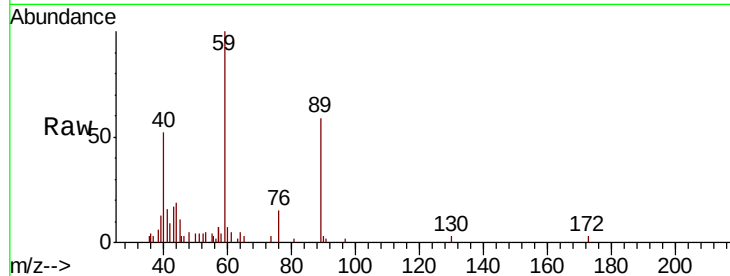


#11

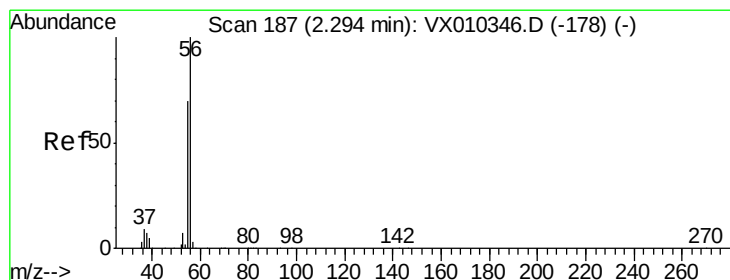
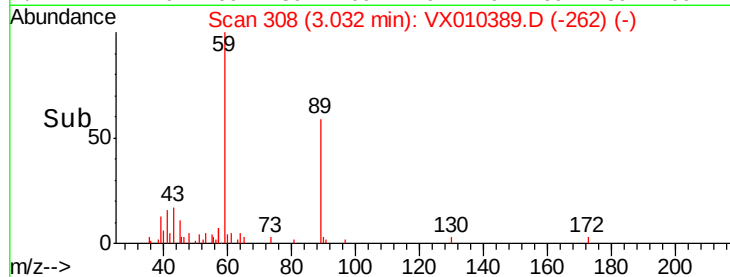
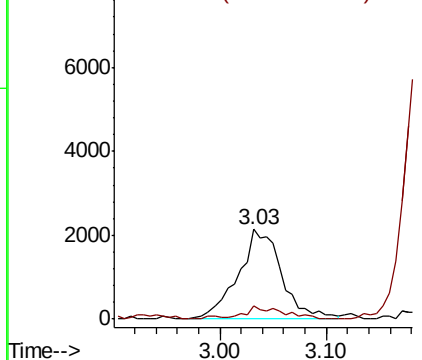
Tert butyl alcohol
 Concen: 8.974 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.02 min
 Lab File: VX010389.D
 Acq: 21 Jun 2019 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-061919-01

Tot Ion: 59 Resp: 6124
 Ion Ratio Lower Upper
 59 100
 57 12.0 7.7 11.5#



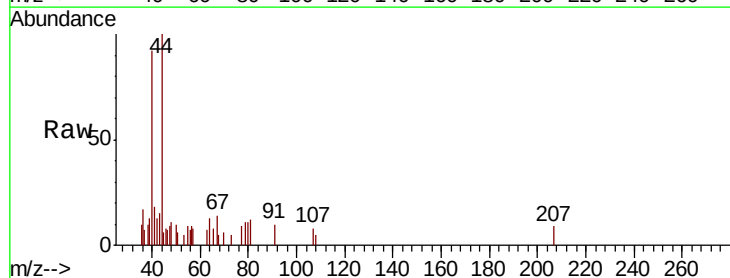
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



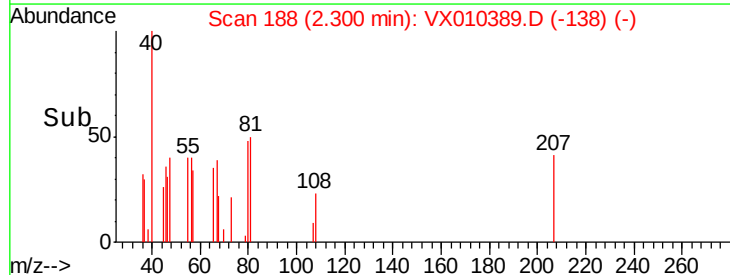
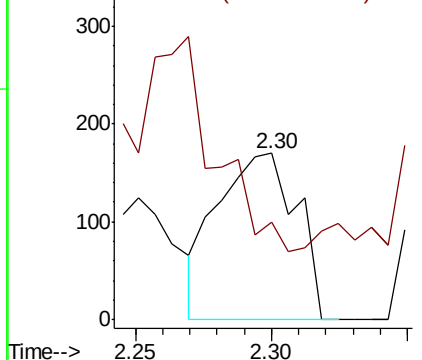
#13

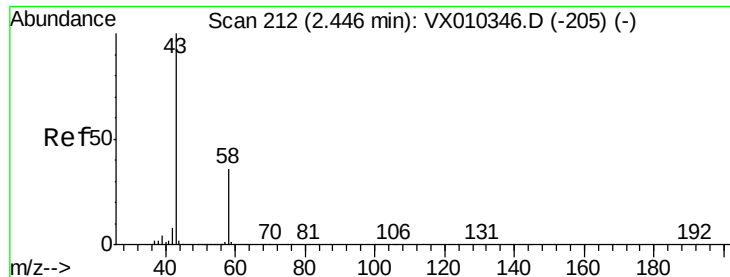
Acrolein
 Concen: 0.760 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX010389.D
 Acq: 21 Jun 2019 16:58

Tgt Ion: 56 Resp: 344
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 13.381 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

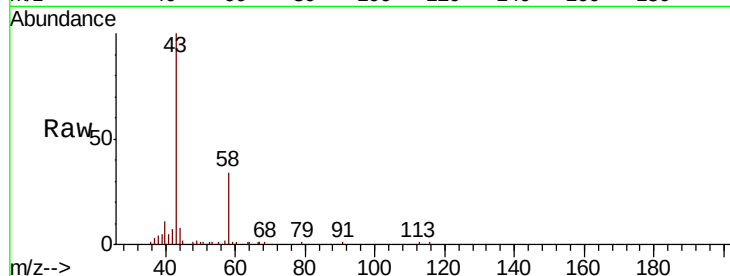
DUP-061919-01

Tot Ion: 43 Resp: 17489

Ion Ratio Lower Upper

43 100

58 34.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

10000

8000

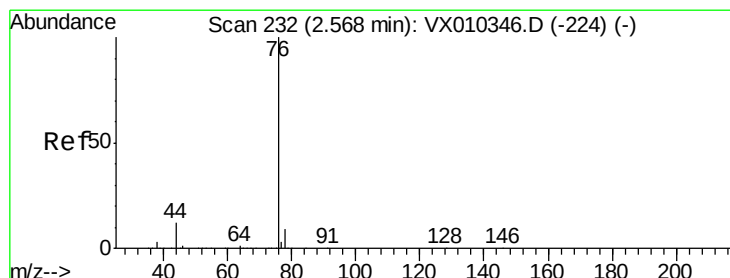
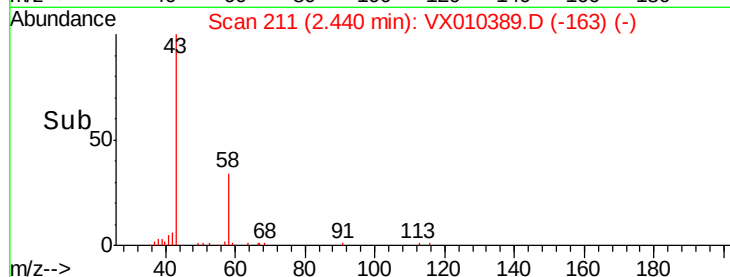
6000

4000

2000

0

Time--> 2.35 2.40 2.45 2.50



#17

Carbon Disulfide

Concen: 0.267 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010389.D

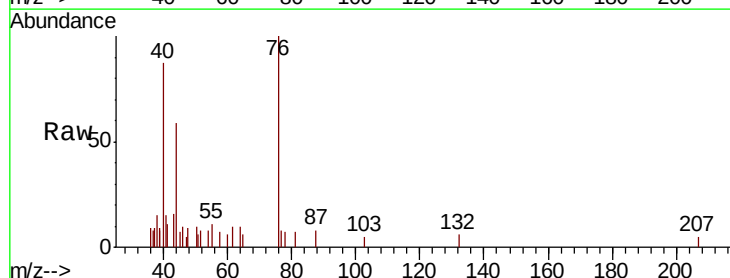
Acq: 21 Jun 2019 16:58

Tgt Ion: 76 Resp: 1726

Ion Ratio Lower Upper

76 100

78 7.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

1200

1000

800

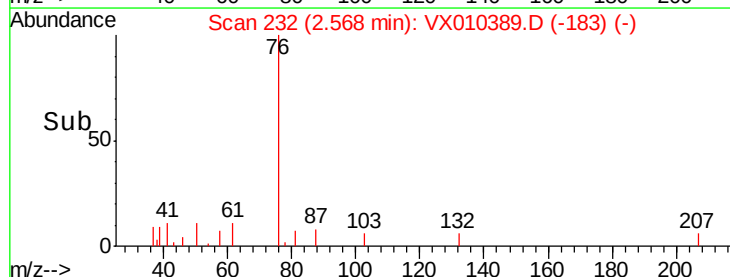
600

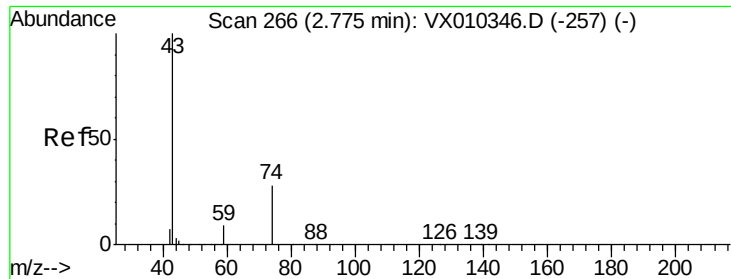
400

200

0

Time--> 2.50 2.55 2.60

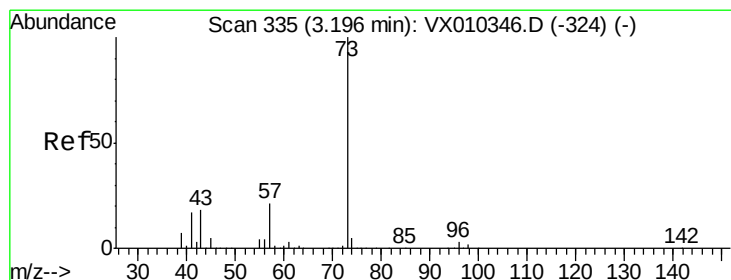
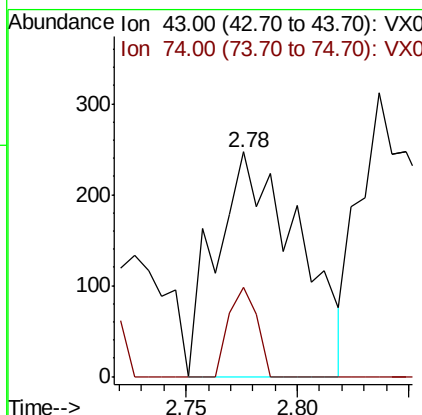
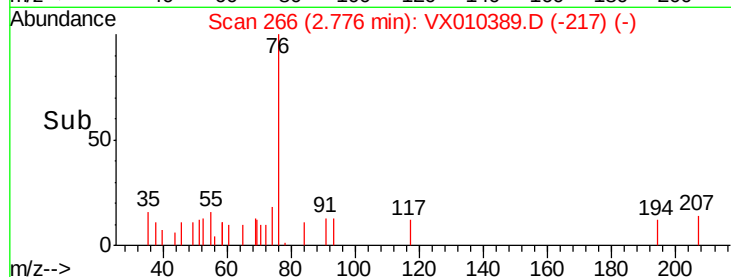
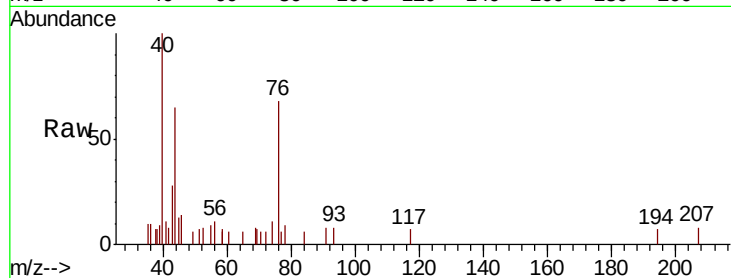




#18
Methyl Acetate
Concen: 0.243 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

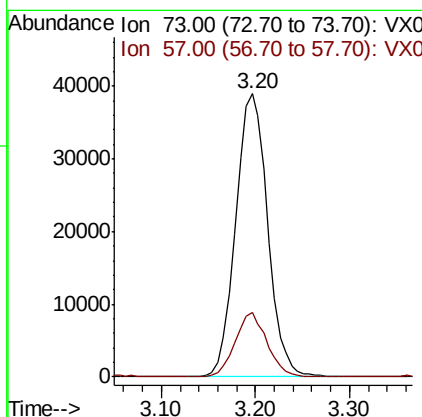
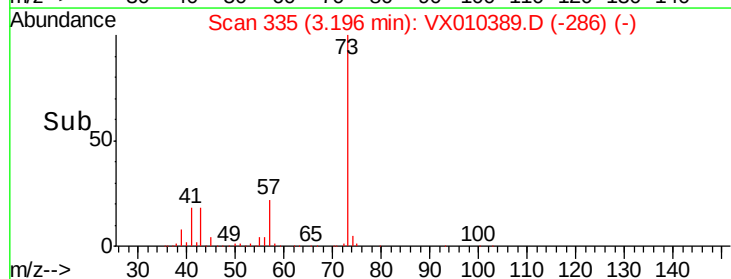
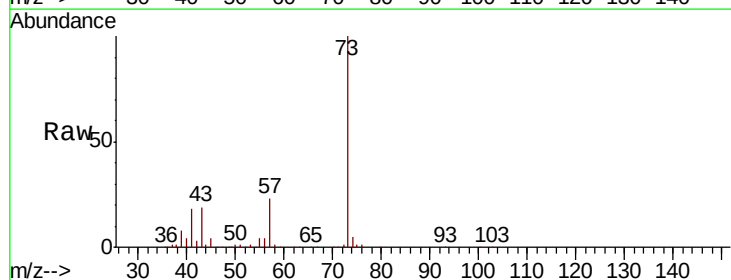
Instrument :
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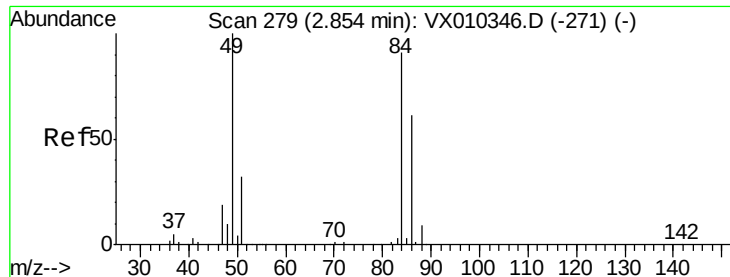
Tot Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
74 13.7 21.3 31.9#



#19
Methyl tert-butyl Ether
Concen: 12.168 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

Tgt Ion: 73 Resp: 92283
Ion Ratio Lower Upper
73 100
57 22.4 16.4 24.6





#20

Methylene Chloride

Concen: 0.216 ug/l

RT: 2.87 min Scan# 282

Delta R.T. 0.02 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

DUP-061919-01

Tot Ion: 84 Resp: 581

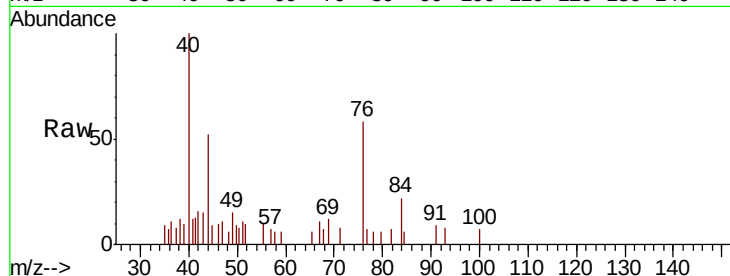
Ion Ratio Lower Upper

84 100

49 53.7 87.5 131.3#

51 13.4 27.7 41.5#

86 0.0 53.4 80.0#

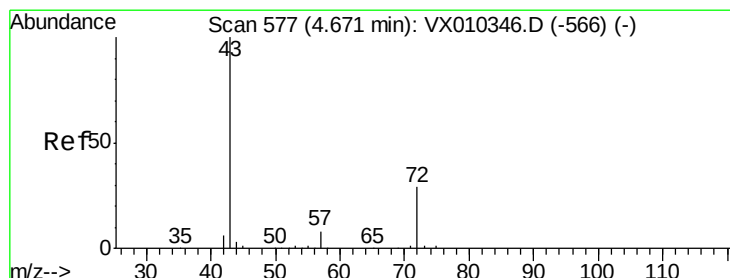
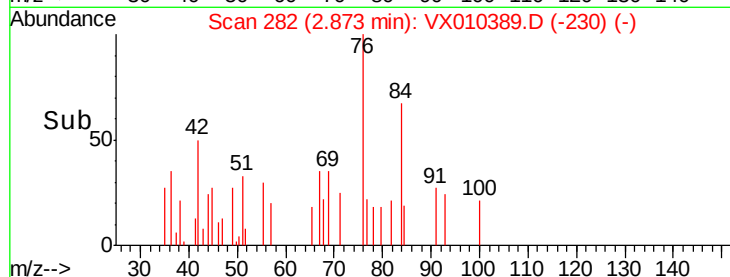
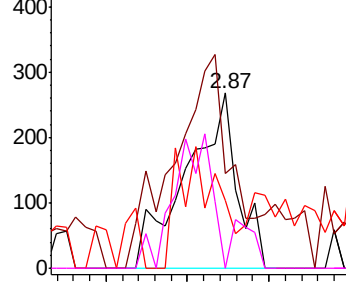


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 0.401 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX010389.D

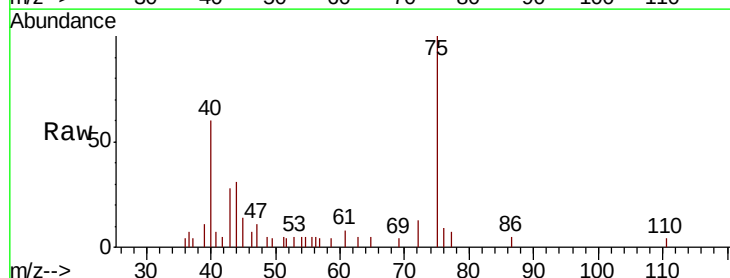
Acq: 21 Jun 2019 16:58

Tgt Ion: 43 Resp: 769

Ion Ratio Lower Upper

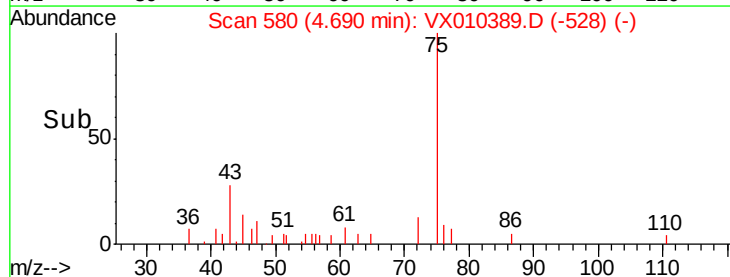
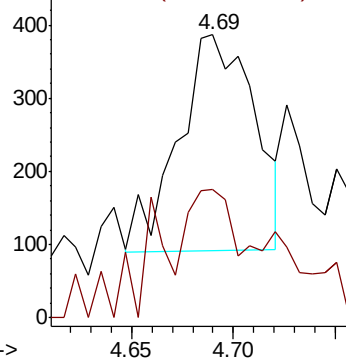
43 100

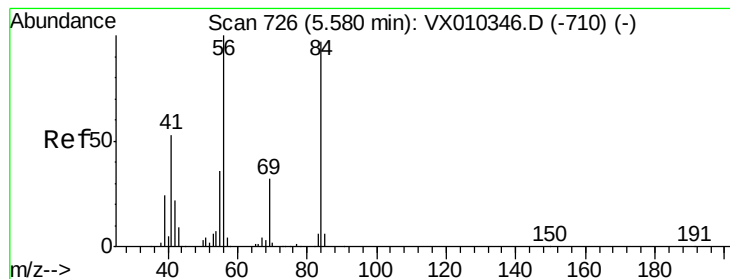
72 29.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

Cyclohexane

Concen: 0.570 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

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DUP-061919-01

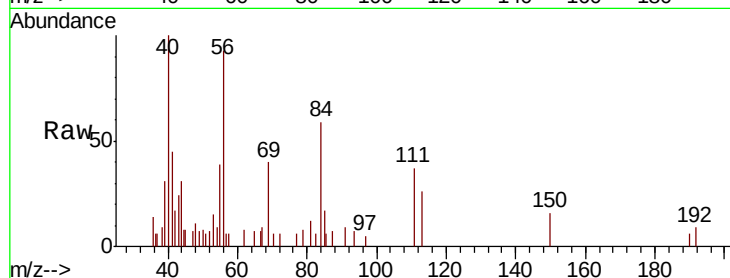
Tot Ion: 56 Resp: 2149

Ion Ratio Lower Upper

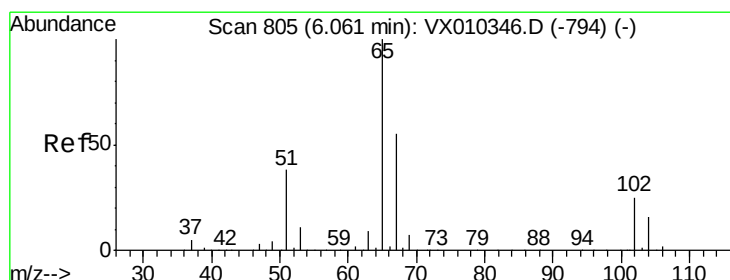
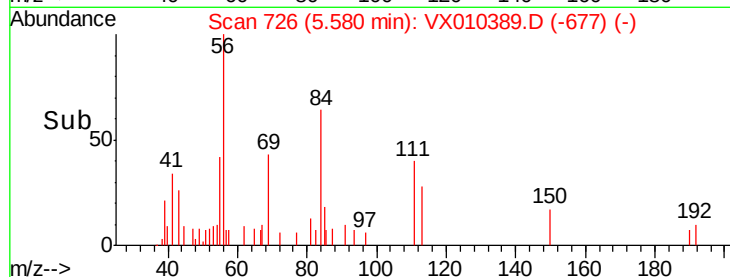
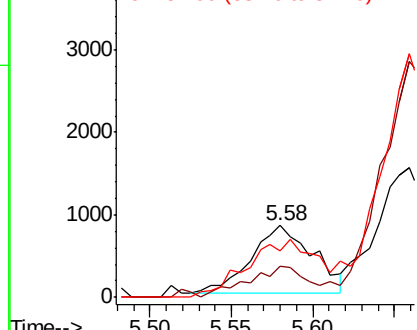
56 100

69 36.8 25.9 38.9

84 67.9 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: 49.544 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010389.D

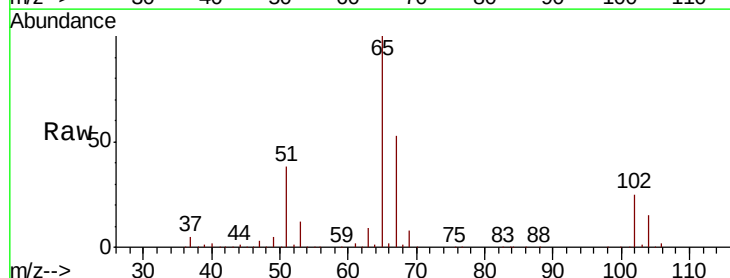
Acq: 21 Jun 2019 16:58

Tgt Ion: 65 Resp: 129203

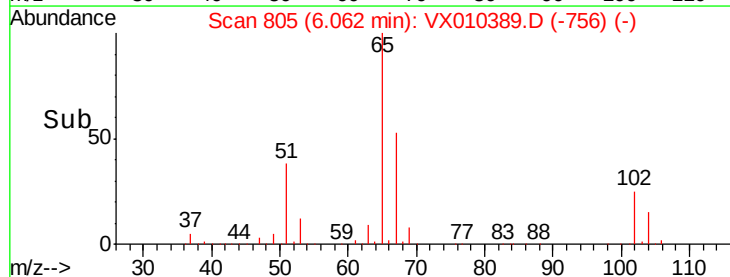
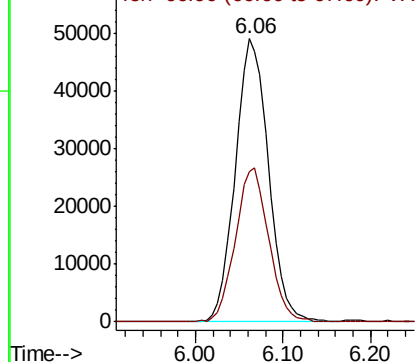
Ion Ratio Lower Upper

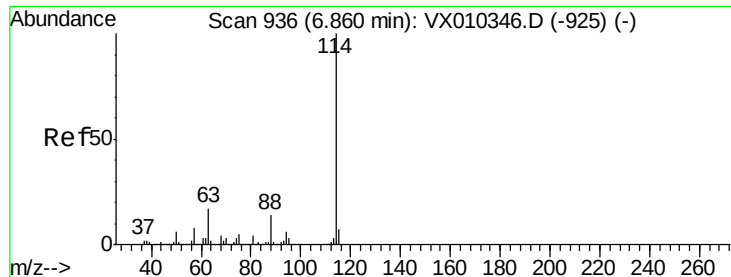
65 100

67 54.7 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

DUP-061919-01

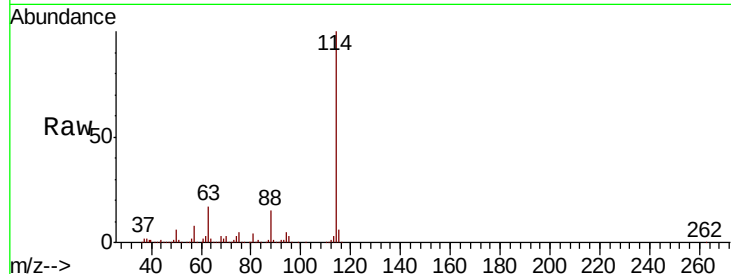
Tot Ion:114 Resp: 426709

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

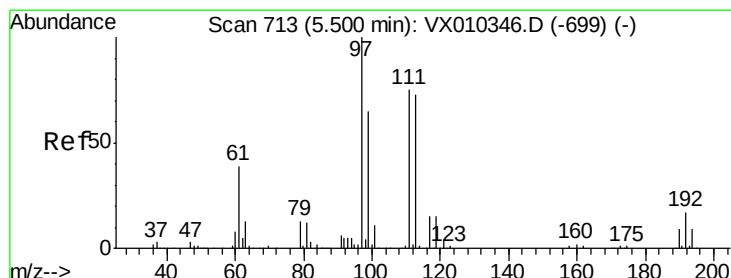
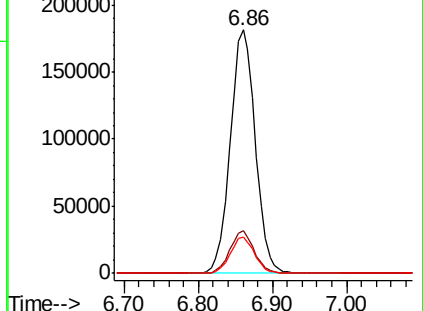
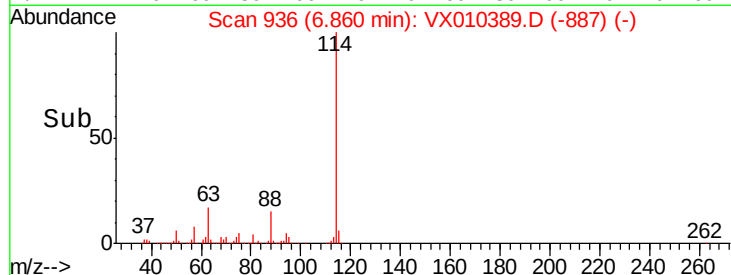
88 14.7 0.0 27.6



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



#35

Dibromofluoromethane

Concen: 49.831 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

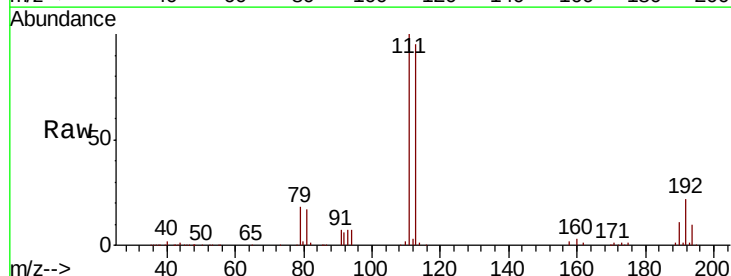
Tgt Ion:113 Resp: 130098

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

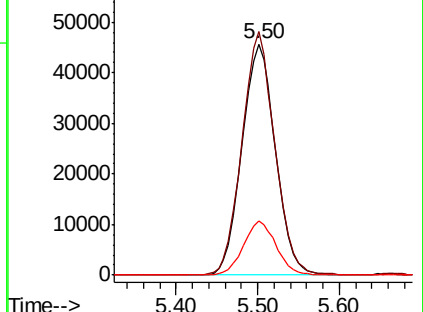
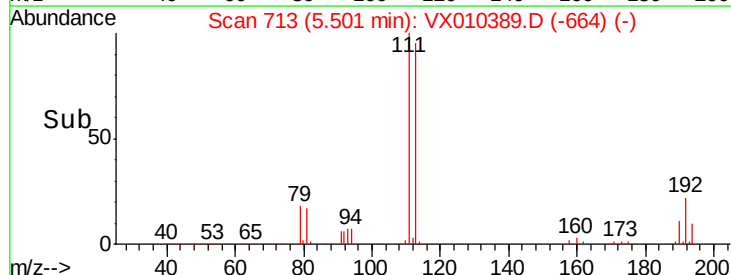
192 22.8 18.6 27.8

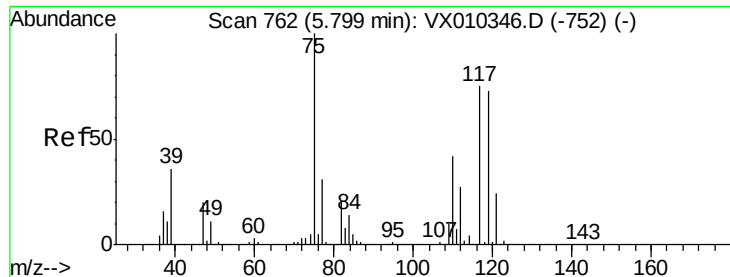


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

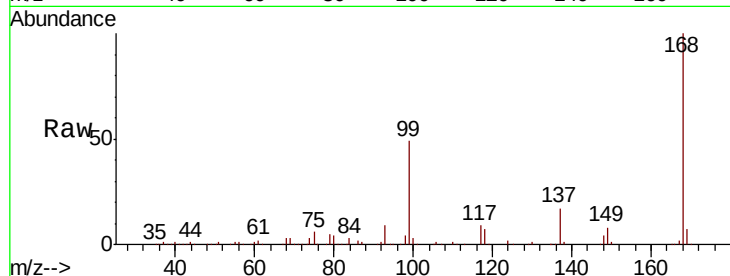




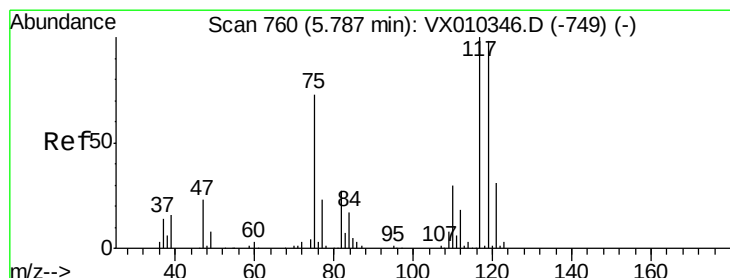
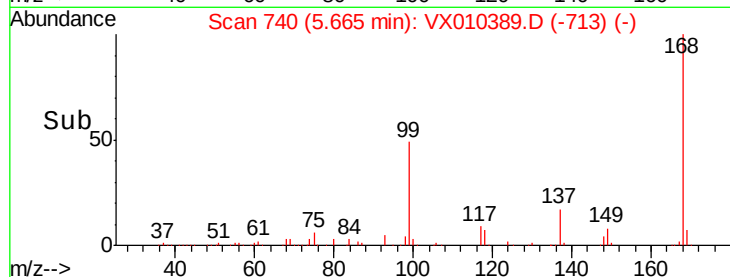
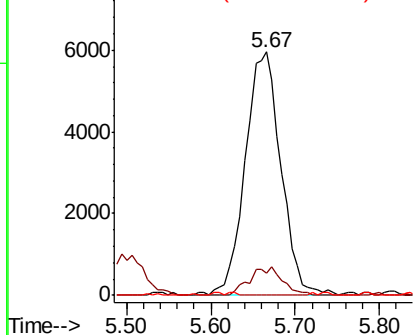
#36
 1,1-Dichloropropene
 Concen: 5.045 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX010389.D
 Acq: 21 Jun 2019 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-061919-01

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.8	62.2#
77	0.0	25.4	38.0#

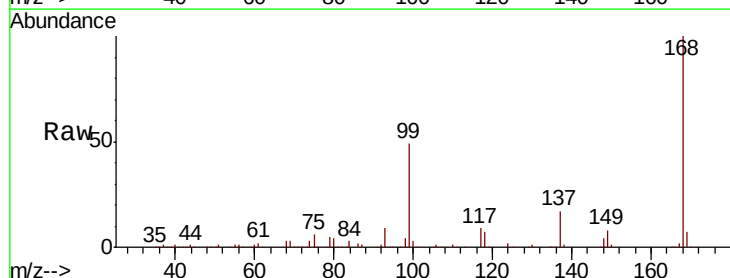


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

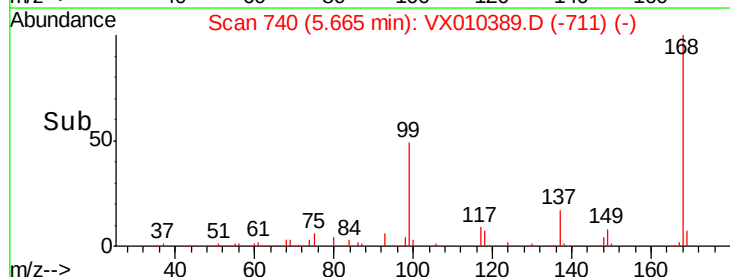
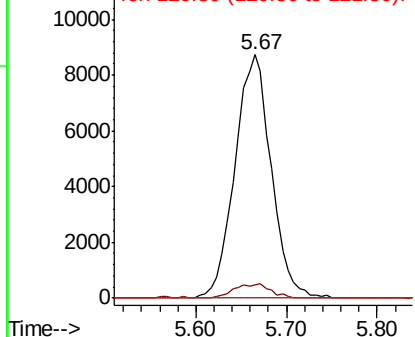


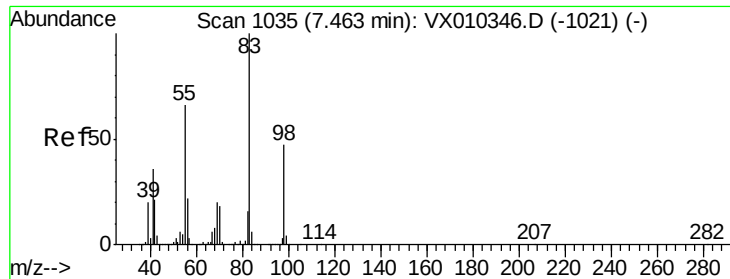
#38
 Carbon Tetrachloride
 Concen: 6.582 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010389.D
 Acq: 21 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	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

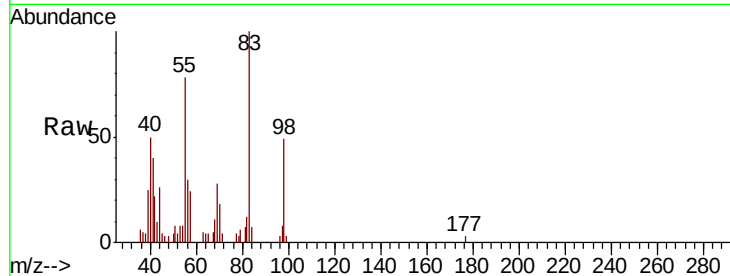




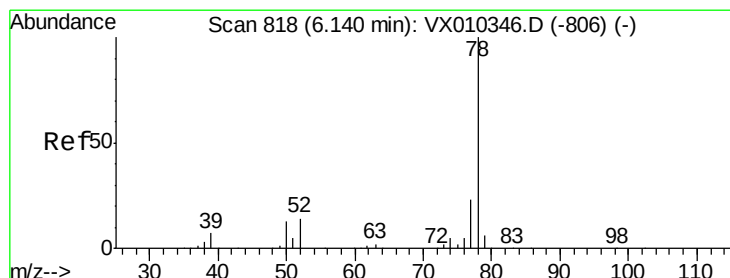
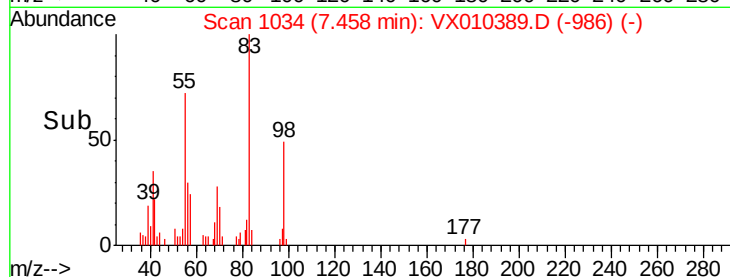
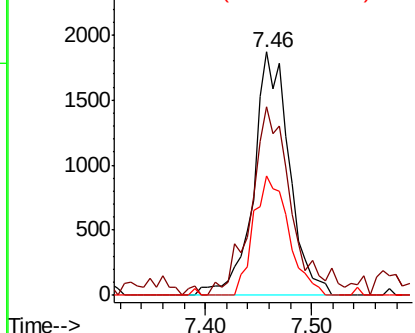
#39
Methylvlcyclohexane
Concen: 0.985 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-061919-01

Tot Ion: 83 Resp: 4390
Ion Ratio Lower Upper
83 100
55 74.9 53.0 79.6
98 48.8 37.8 56.8

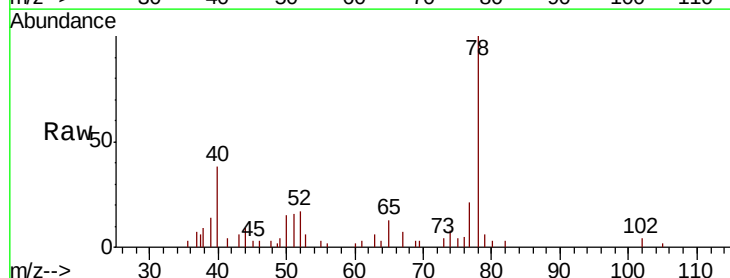


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

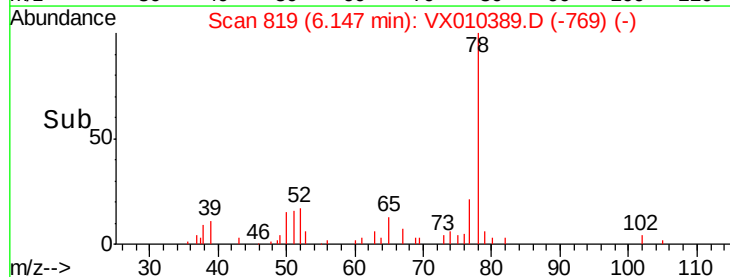
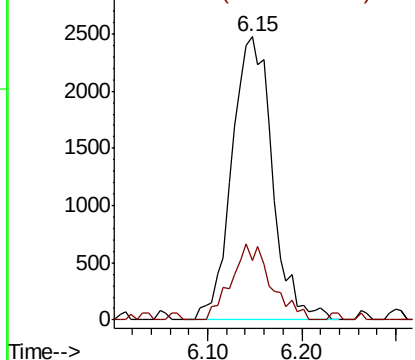


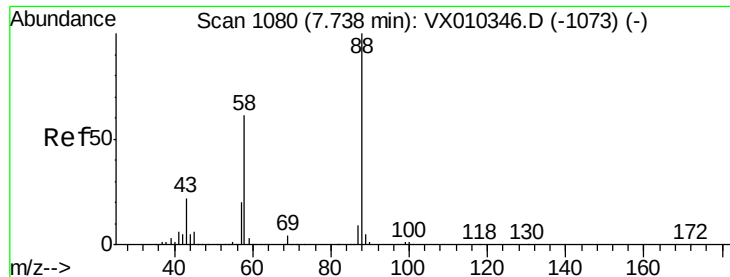
#40
Benzene
Concen: 0.704 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

Tgt Ion: 78 Resp: 7434
Ion Ratio Lower Upper
78 100
77 20.9 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: 0.569 ug/l

RT: 7.86 min Scan# 1100

Delta R.T. 0.12 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

DUP-061919-01

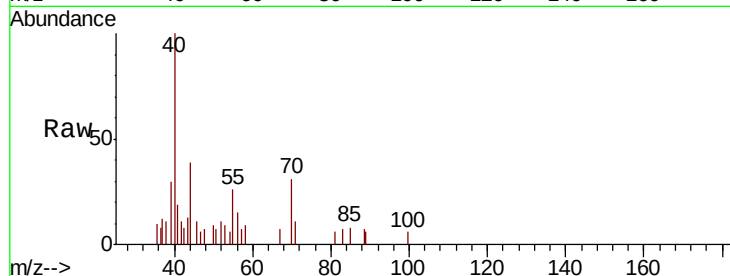
Tot Ion: 88 Resp: 44

Ion Ratio Lower Upper

88 100

43 88.6 20.2 30.2#

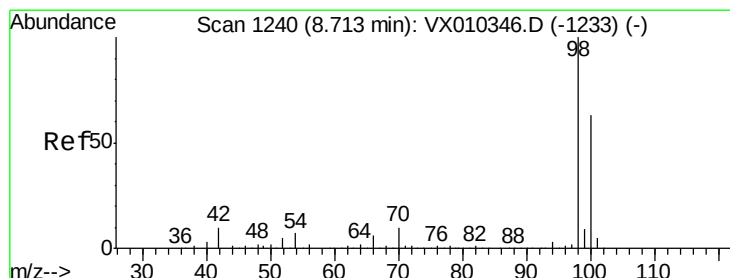
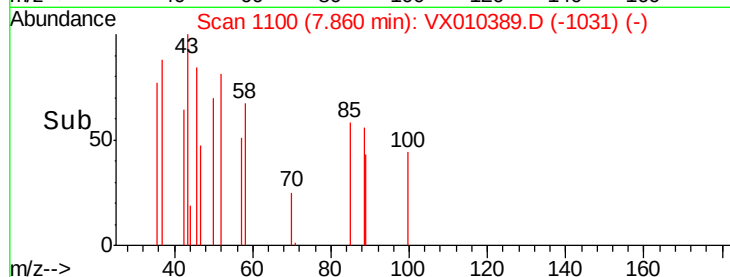
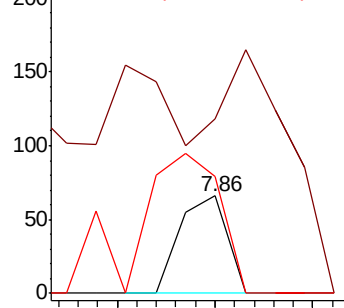
58 256.8 49.5 74.3#



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: 50.146 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010389.D

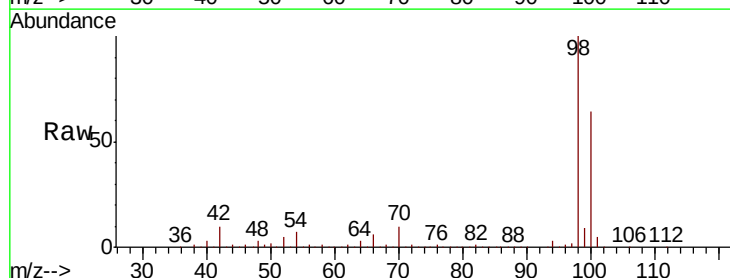
Acq: 21 Jun 2019 16:58

Tgt Ion: 98 Resp: 500869

Ion Ratio Lower Upper

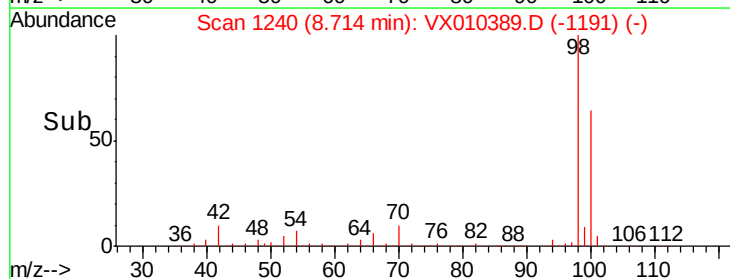
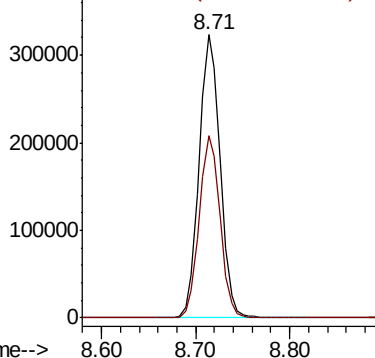
98 100

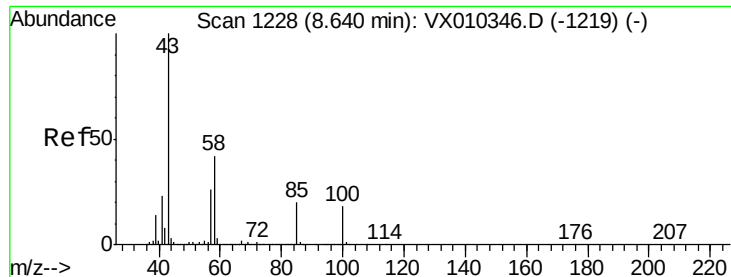
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

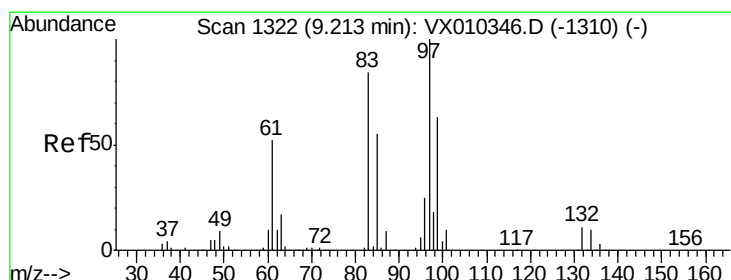
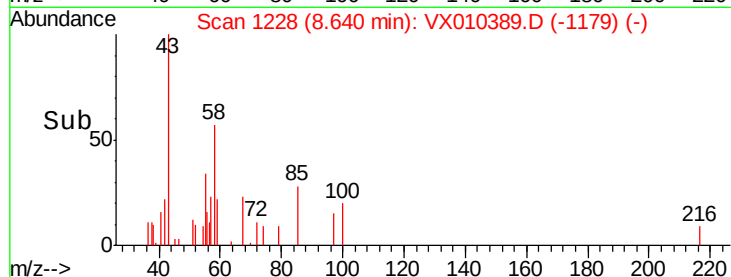
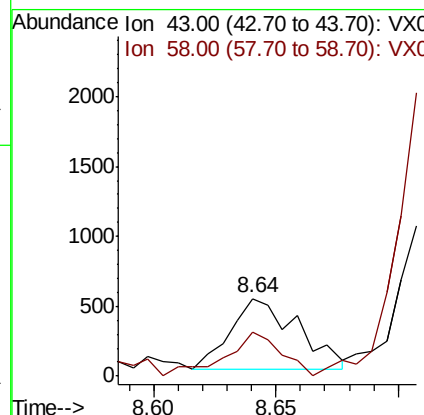
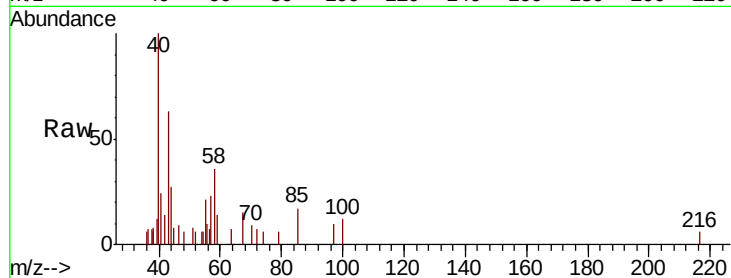




#51
 4-Methyl-2-Pentanone
 Concen: 0.258 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010389.D
 Acq: 21 Jun 2019 16:58

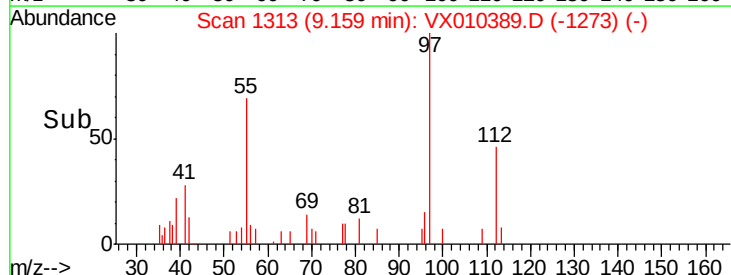
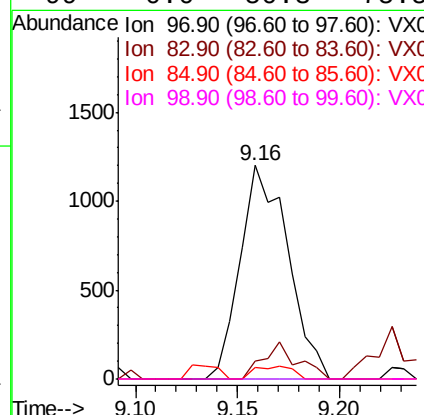
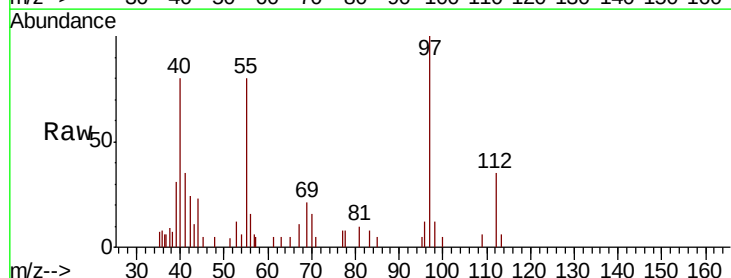
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-061919-01

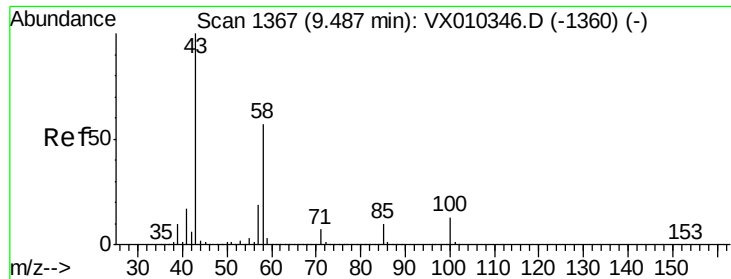
Tot Ion: 43 Resp: 951
 Ion Ratio Lower Upper
 43 100
 58 51.6 33.5 50.3#



#55
 1,1,2-Trichloroethane
 Concen: 0.680 ug/l
 RT: 9.16 min Scan# 1313
 Delta R.T. -0.05 min
 Lab File: VX010389.D
 Acq: 21 Jun 2019 16:58

Tgt Ion: 97 Resp: 1952
 Ion Ratio Lower Upper
 97 100
 83 8.3 67.4 101.0#
 85 5.2 43.8 65.8#
 99 0.0 50.3 75.5#

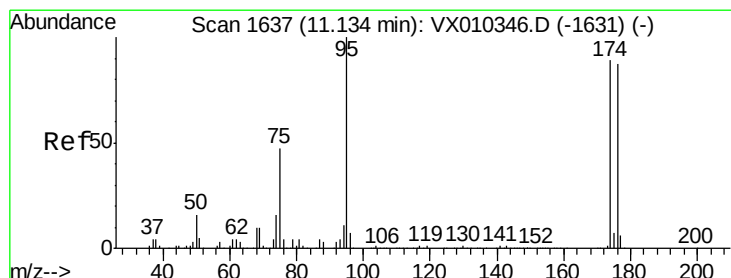
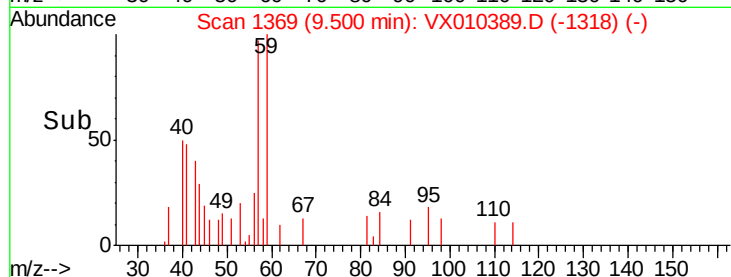
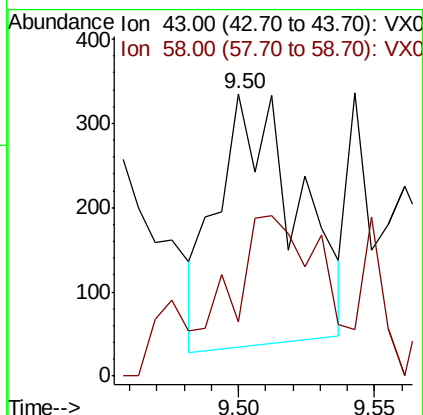
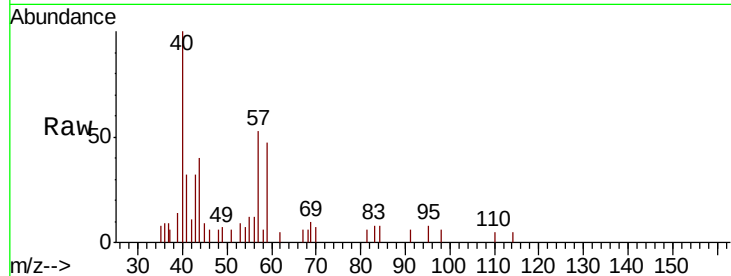




#59
2-Hexanone
Concen: 0.208 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

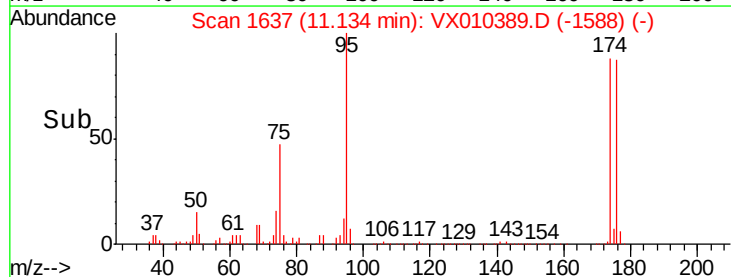
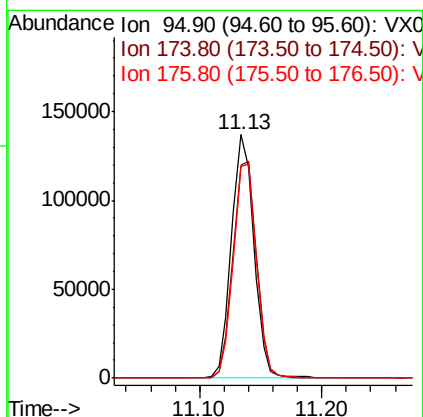
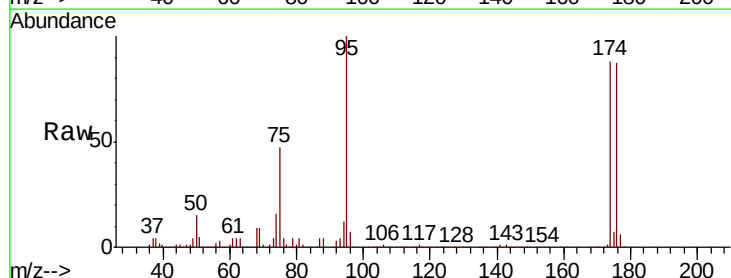
Instrument :
MSVOA_X
ClientSampleId :
DUP-061919-01

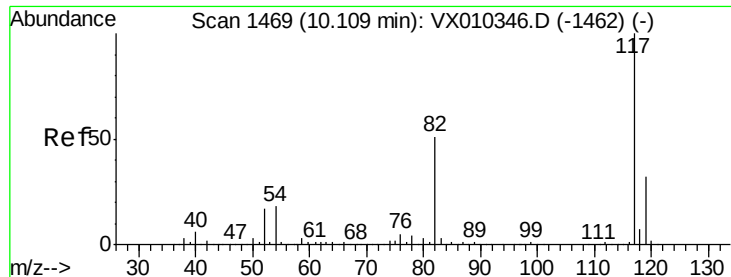
Tot Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 63.0 29.0 87.1



#62
4-Bromofluorobenzene
Concen: 48.100 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

Tgt Ion: 95 Resp: 173451
Ion Ratio Lower Upper
95 100
174 93.3 0.0 187.6
176 90.4 0.0 184.0

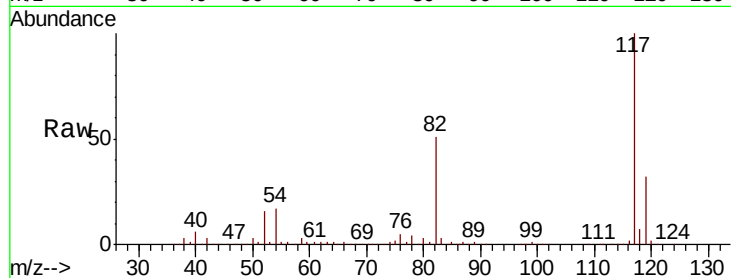




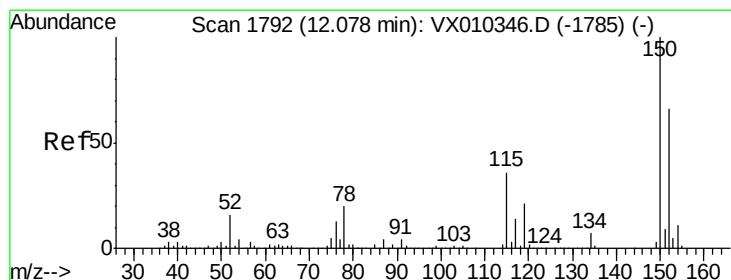
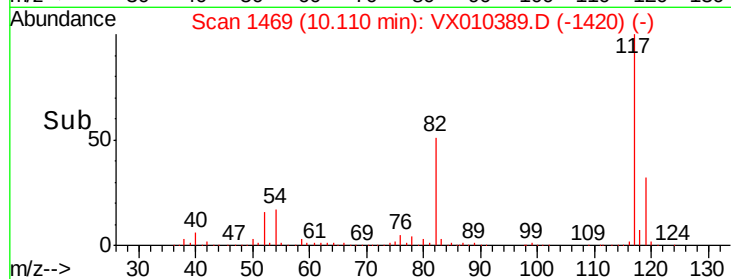
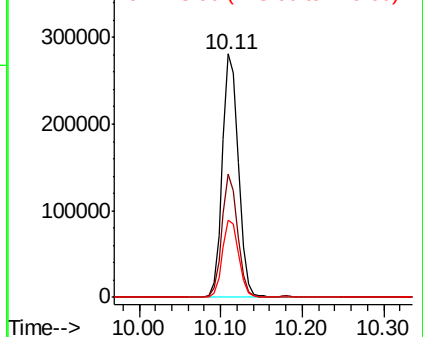
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-061919-01

Tot Ion:117 Resp: 385658
Ion Ratio Lower Upper
117 100
82 50.7 41.2 61.8
119 31.8 25.5 38.3

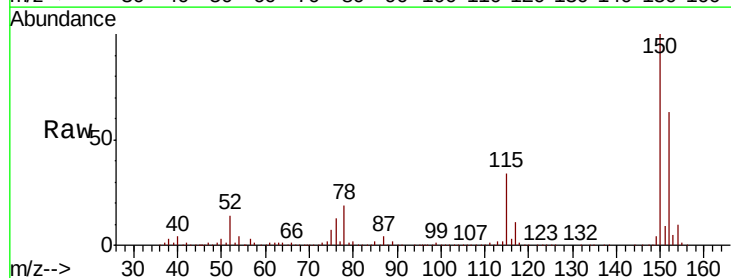


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

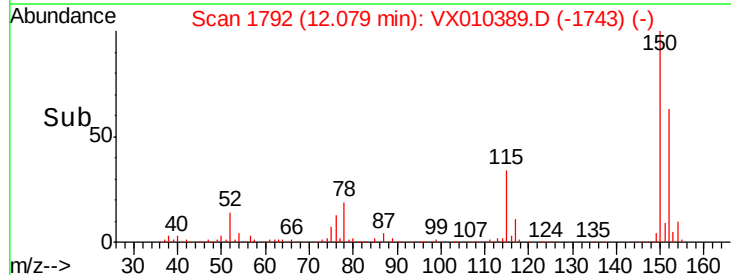
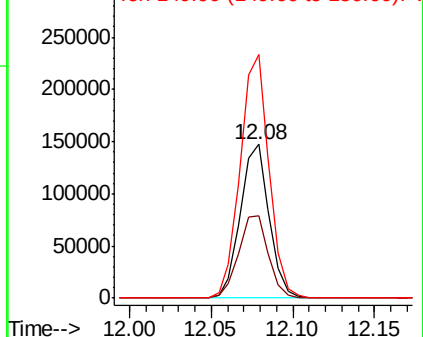


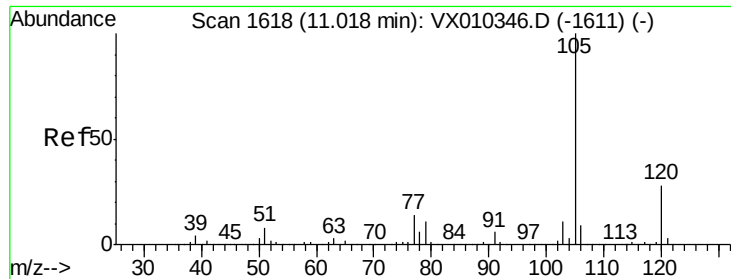
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

Tgt Ion:152 Resp: 181422
Ion Ratio Lower Upper
152 100
115 55.4 38.6 115.7
150 158.9 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: 2.413 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

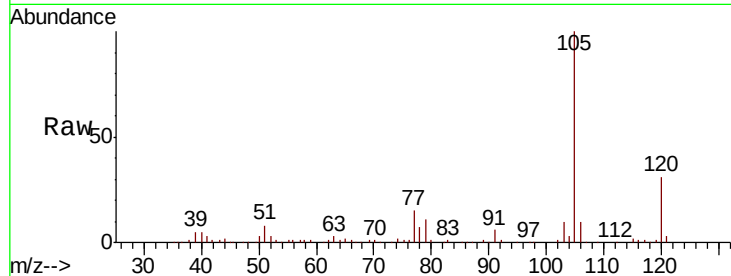
DUP-061919-01

Tot Ion:105 Resp: 29674

Ion Ratio Lower Upper

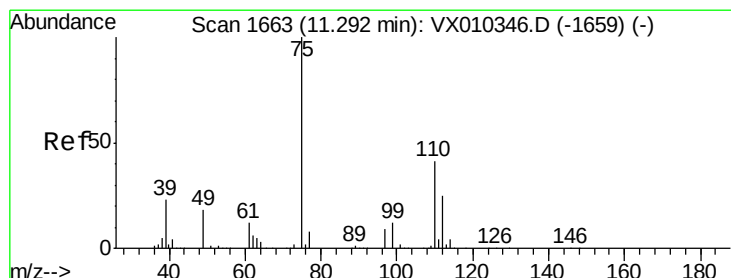
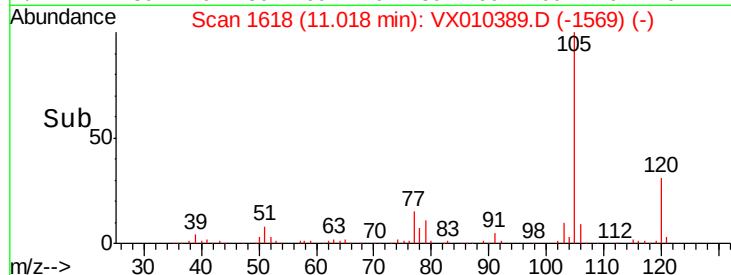
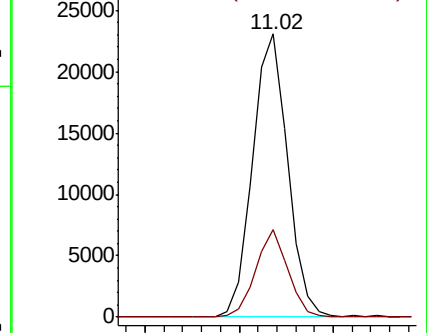
105 100

120 28.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 24.438 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX010389.D

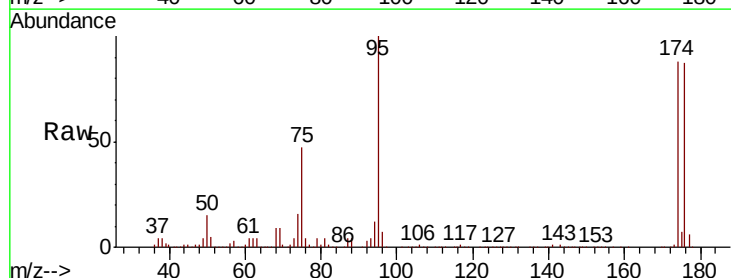
Acq: 21 Jun 2019 16:58

Tgt Ion: 75 Resp: 80791

Ion Ratio Lower Upper

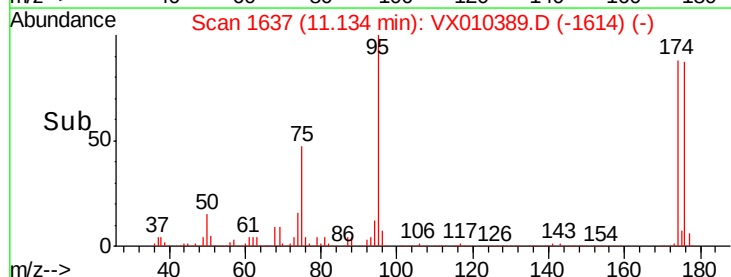
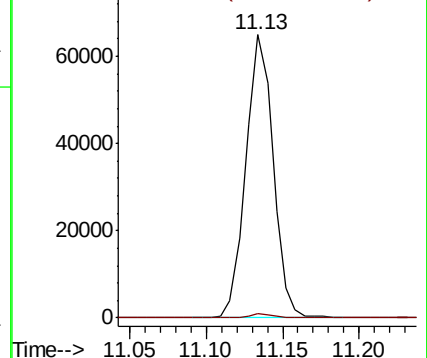
75 100

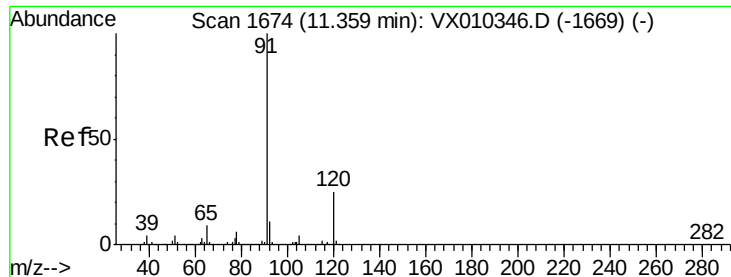
77 1.4 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 2.732 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

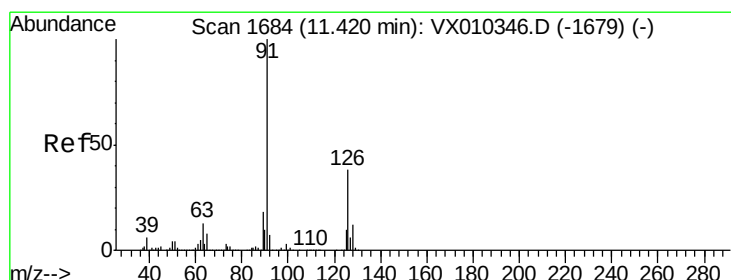
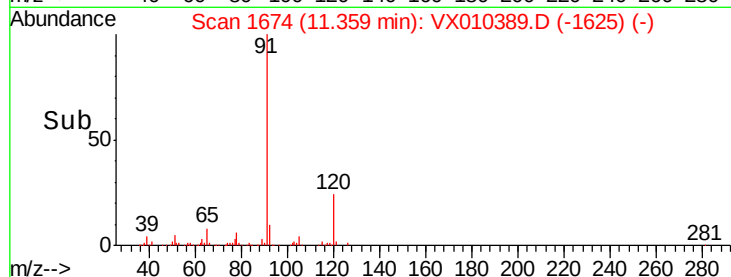
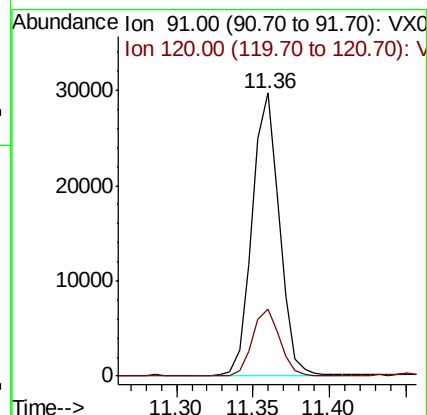
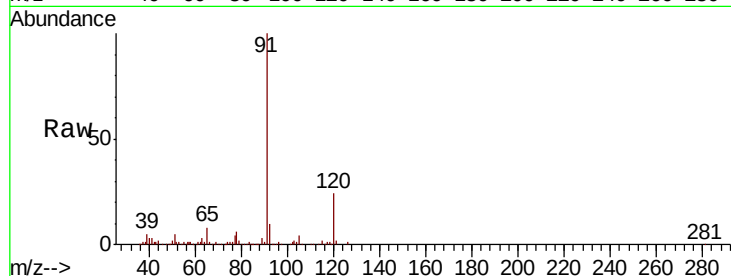
DUP-061919-01

Tot Ion: 91 Resp: 36925

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.4



#79

2-Chlorotoluene

Concen: 4.588 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX010389.D

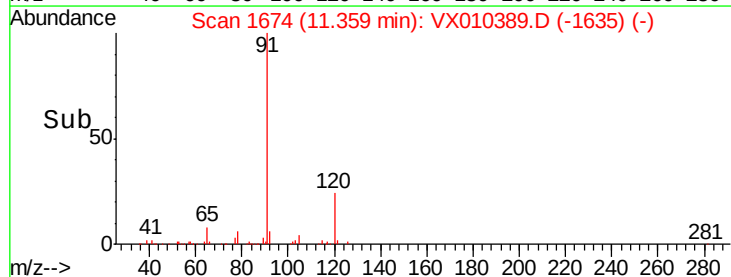
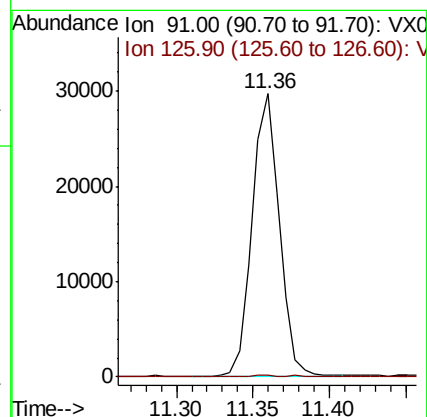
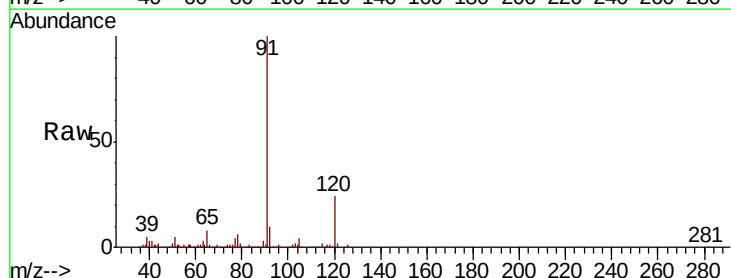
Acq: 21 Jun 2019 16:58

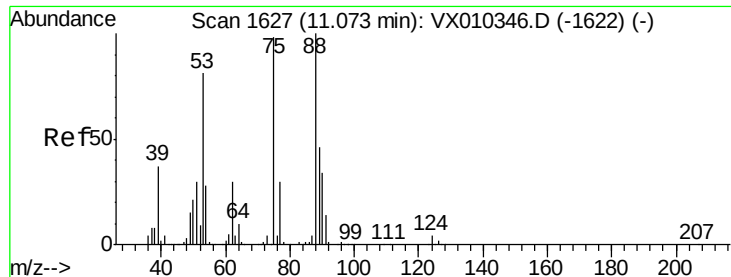
Tgt Ion: 91 Resp: 36925

Ion Ratio Lower Upper

91 100

126 0.4 18.7 56.1#

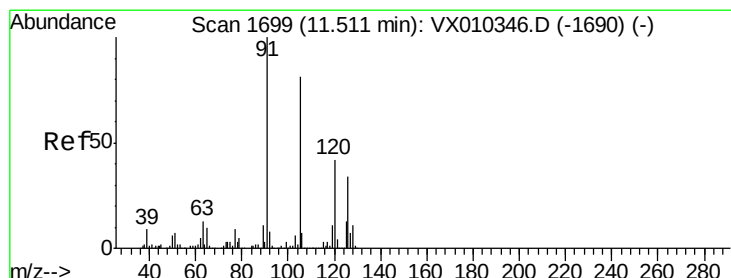
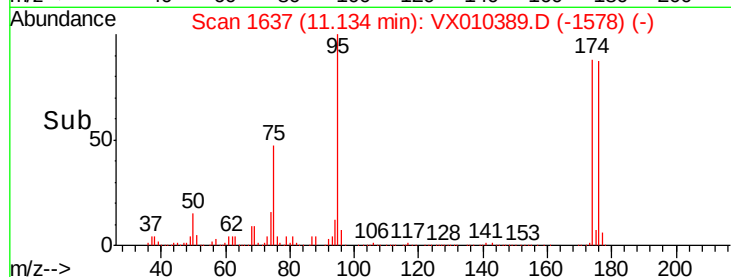
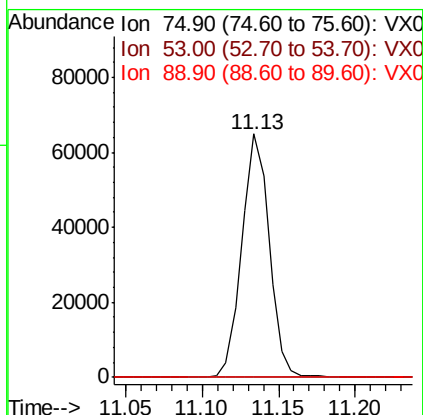
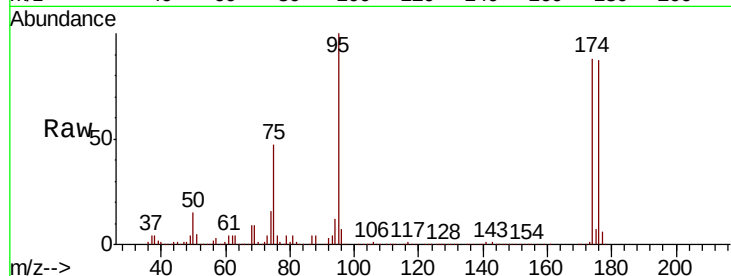




#81
trans-1,4-Dichloro-2-butene
Concen: 57.011 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

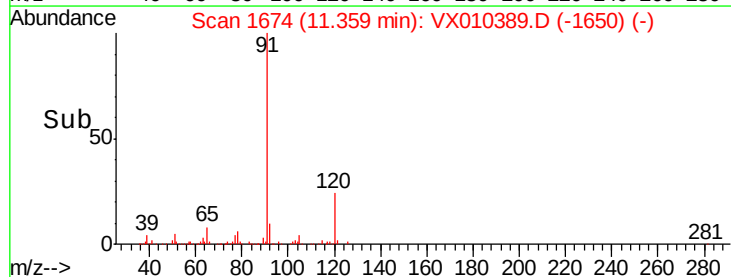
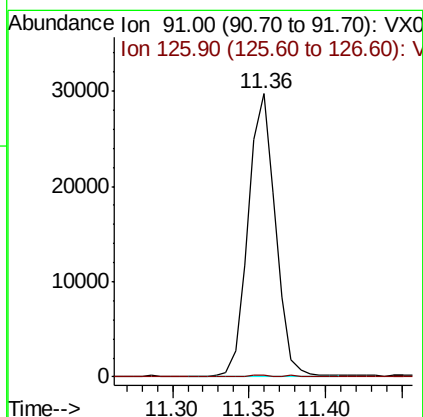
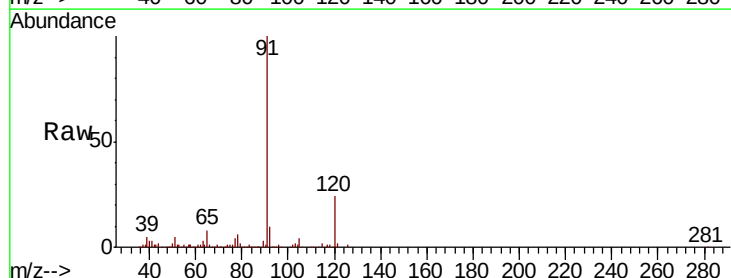
Instrument :
MSVOA_X
ClientSampleId :
DUP-061919-01

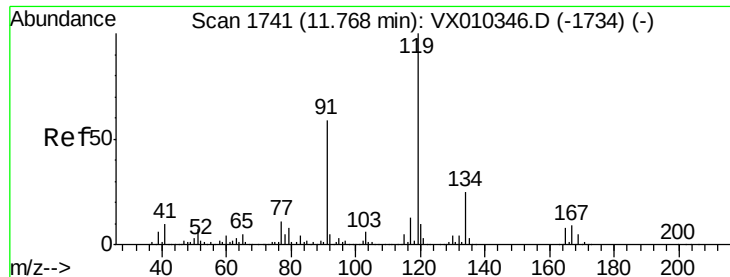
Tot Ion: 75 Resp: 80791
Ion Ratio Lower Upper
75 100
53 0.3 66.1 99.1#
89 0.0 37.8 56.6#



#82
4-Chlorotoluene
Concen: 4.032 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.15 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

Tgt Ion: 91 Resp: 36925
Ion Ratio Lower Upper
91 100
126 0.4 16.2 48.6#





#83

tert-Butylbenzene

Concen: 0.374 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

DUP-061919-01

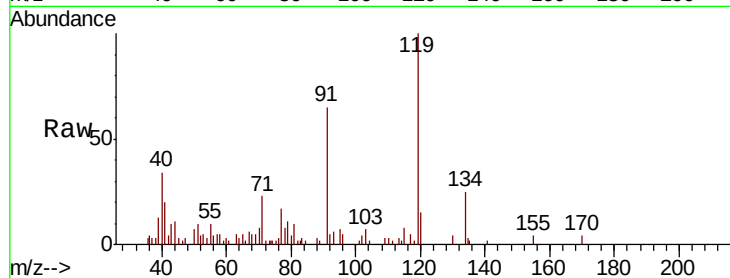
Tot Ion:119 Resp: 3805

Ion Ratio Lower Upper

119 100

91 70.1 27.6 82.7

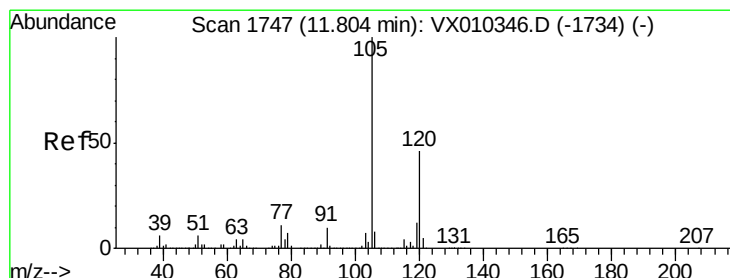
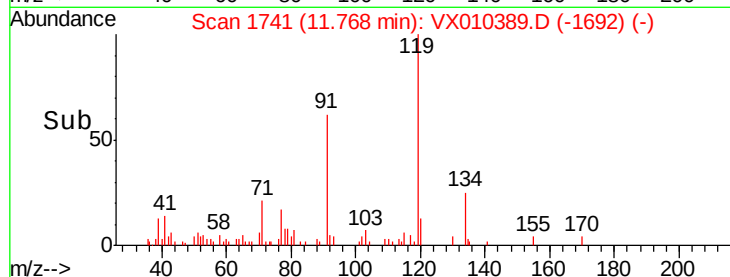
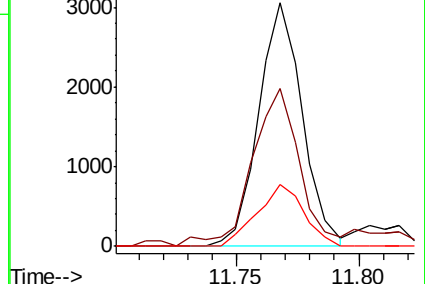
134 27.2 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 0.205 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010389.D

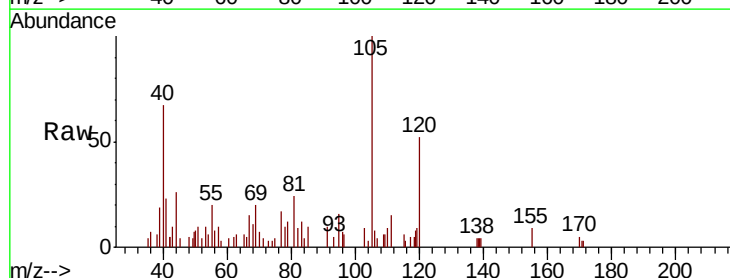
Acq: 21 Jun 2019 16:58

Tgt Ion:105 Resp: 2084

Ion Ratio Lower Upper

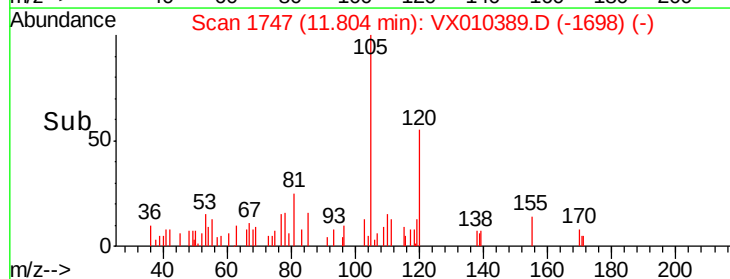
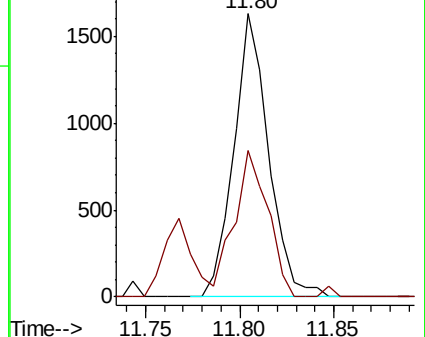
105 100

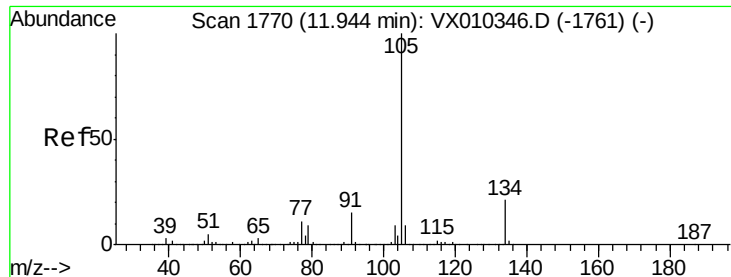
120 49.8 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.427 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

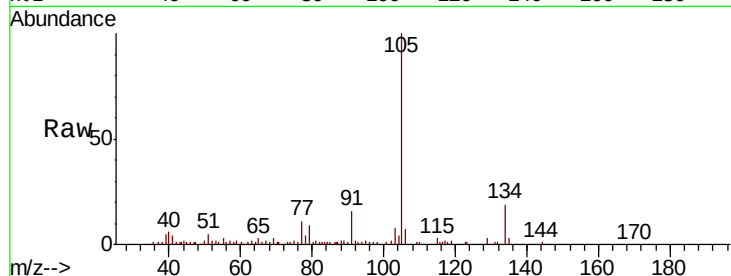
DUP-061919-01

Tot Ion:105 Resp: 17055

Ion Ratio Lower Upper

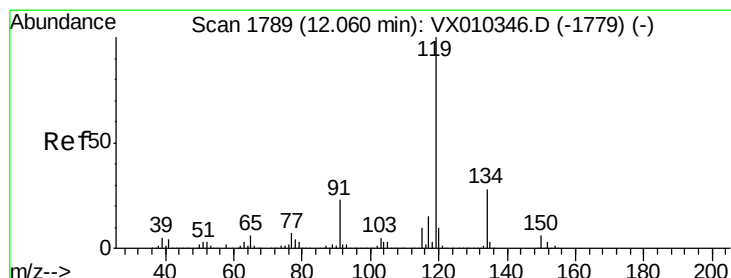
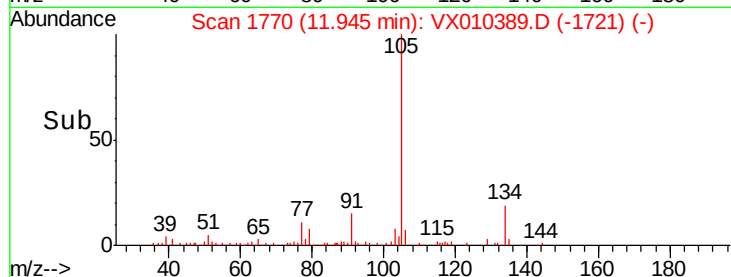
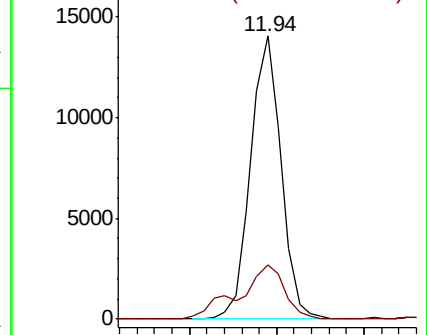
105 100

134 28.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.817 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX010389.D

Acq: 21 Jun 2019 16:58

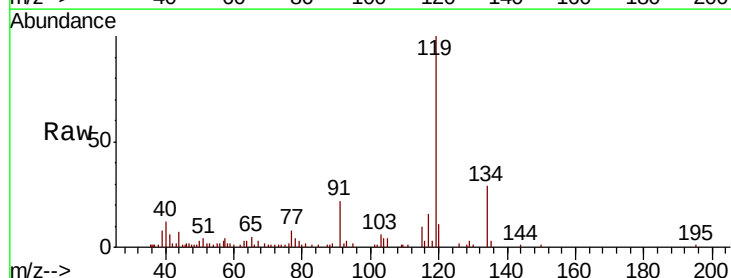
Tgt Ion:119 Resp: 9026

Ion Ratio Lower Upper

119 100

134 29.9 13.7 41.1

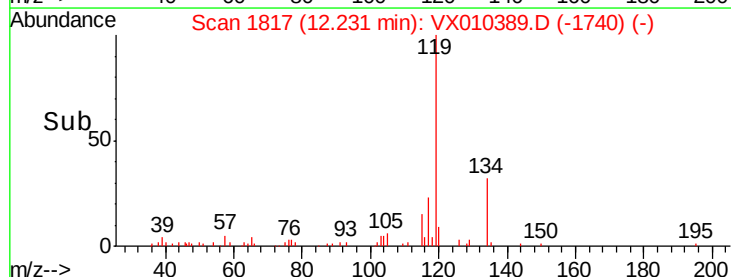
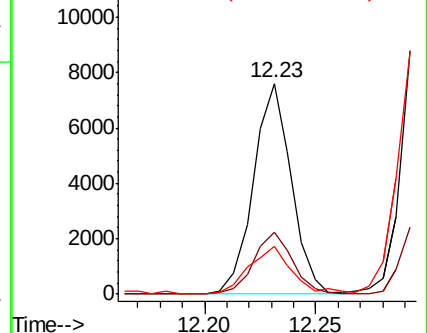
91 25.7 11.3 33.8

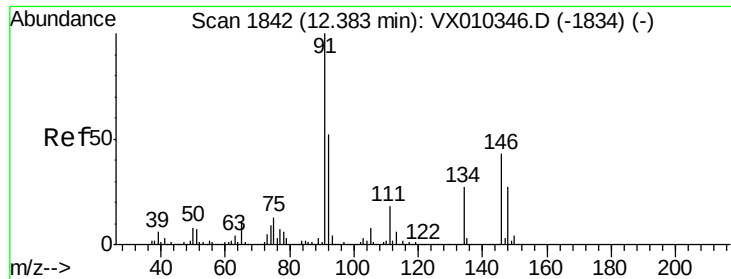


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

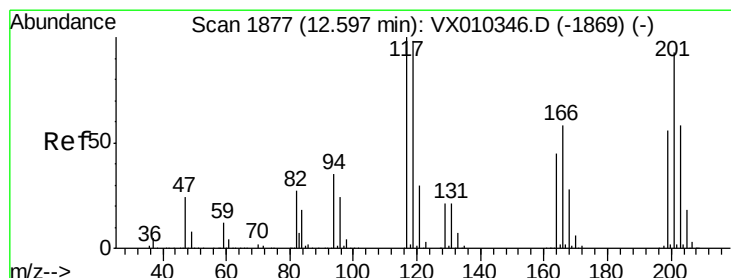
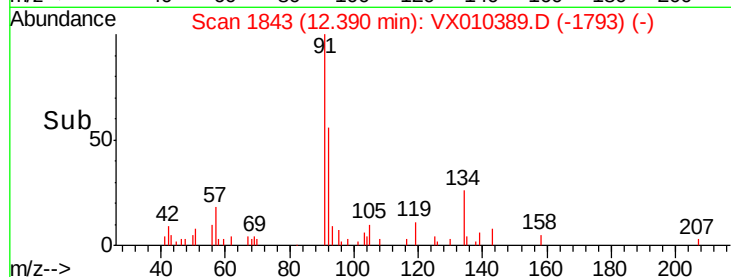
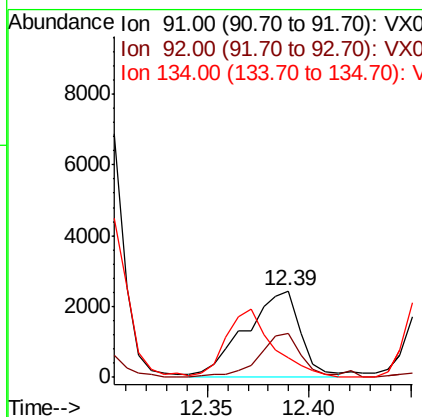
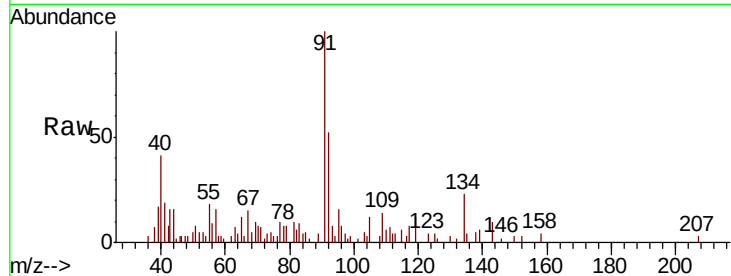




#89
n-Butylbenzene
Concen: 0.492 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

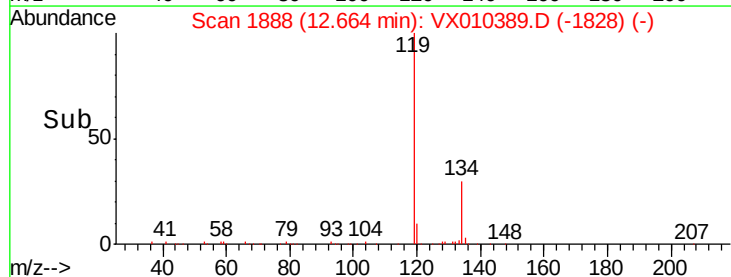
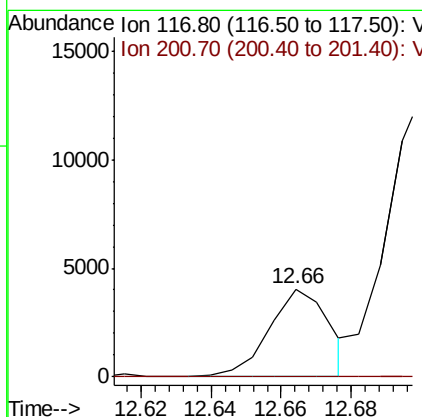
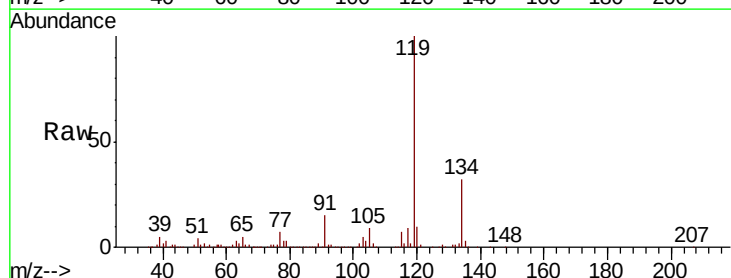
Instrument :
MSVOA_X
ClientSampleId :
DUP-061919-01

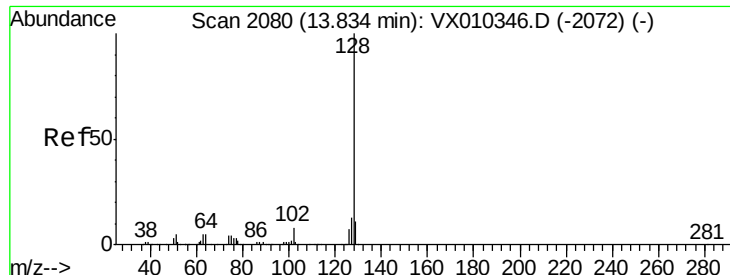
Tot Ion: 91 Resp: 4616
Ion Ratio Lower Upper
91 100
92 41.3 26.2 78.5
134 66.7 14.1 42.4#



#90
Hexachloroethane
Concen: 2.537 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

Tgt Ion: 117 Resp: 4848
Ion Ratio Lower Upper
117 100
201 0.0 44.0 131.8#

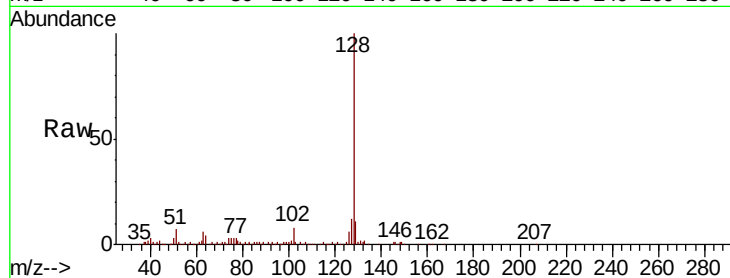




#95
Naphthalene
Concen: 3.752 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010389.D
Acq: 21 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampleId :
DUP-061919-01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.4
129	12.3	8.9	13.3



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

