

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015392.D
 Acq On : 27 Mar 2020 19:15
 Operator : JC/SP
 Sample : L1997-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP07-20200317

Quant Time: Mar 30 01:46:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1117039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1823582	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1718547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	932160	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	731580	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
35) Dibromofluoromethane	5.47	113	561864	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
50) Toluene-d8	8.70	98	2165703	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.12	95	944979	54.18	ug/l	0.00
Spiked Amount			Recovery	=	108.36%	

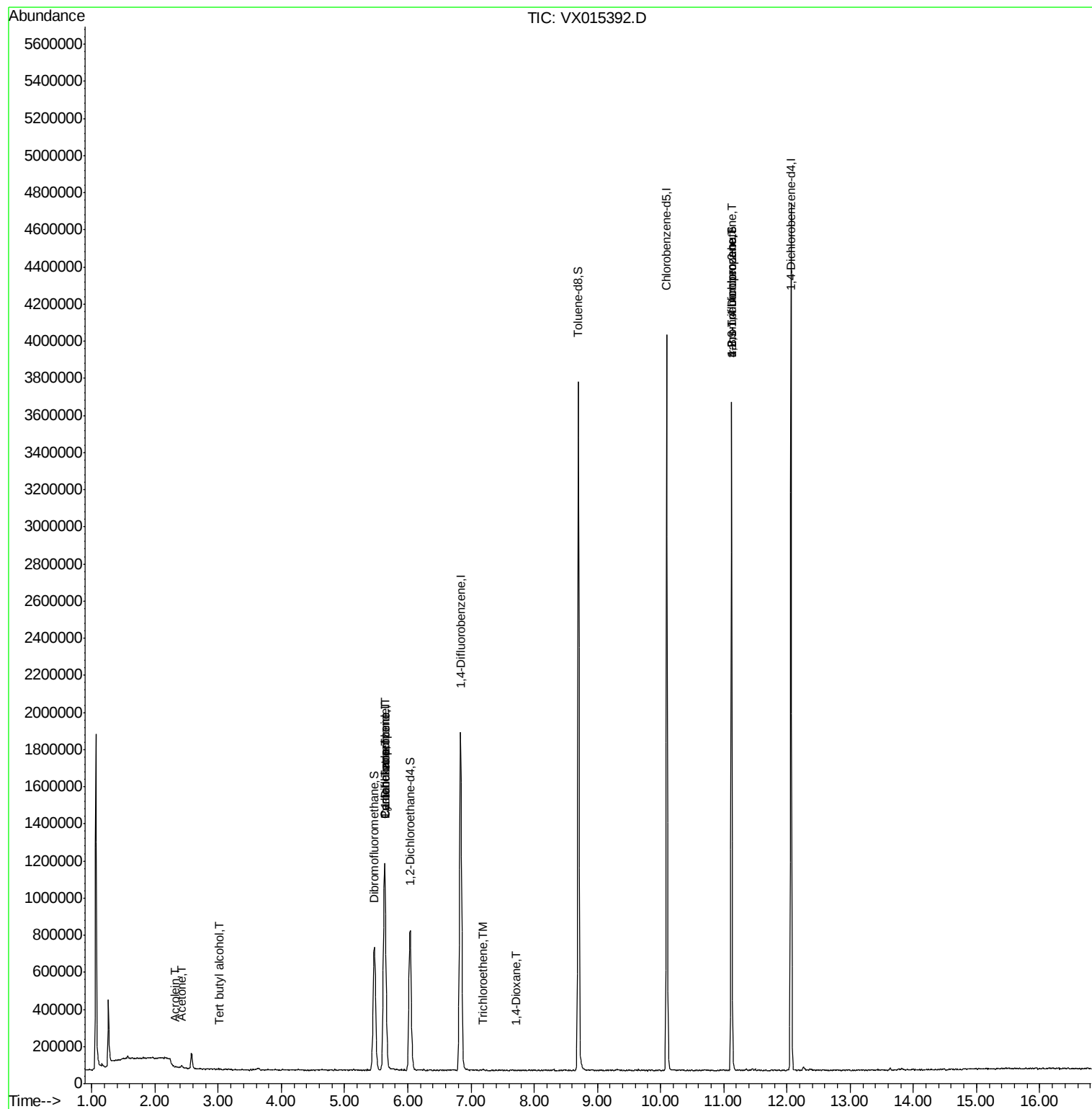
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1172	Below Cal	#	43
11) Tert butyl alcohol	3.01	59	1386	0.368	ug/l #	1
13) Acrolein	2.31	56	1178	0.548	ug/l #	75
16) Acetone	2.42	43	17513	2.587	ug/l	92
31) Cyclohexane	5.63	56	25432	1.275	ug/l #	25
36) 1,1-Dichloropropene	5.63	75	85161	5.068	ug/l #	50
38) Carbon Tetrachloride	5.64	117	106457	5.850	ug/l #	14
44) Trichloroethene	7.20	130	2874	0.214	ug/l	97
49) 1,4-Dioxane	7.71	88	427	1.241	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	486706	25.390	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	486706	60.922	ug/l #	10

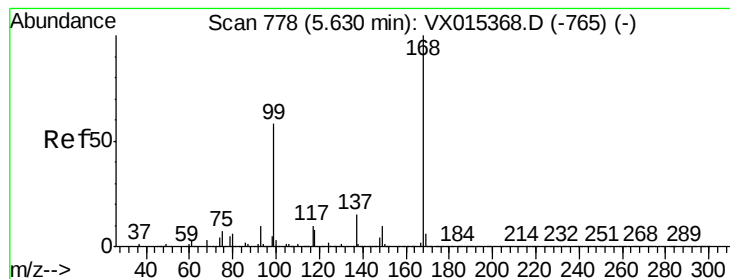
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032720\
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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015392.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

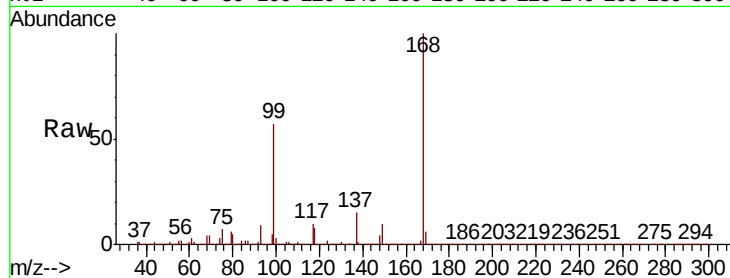
DUP07-20200317

Tot Ion:168 Resp: 1117039

Ion Ratio Lower Upper

168 100

99 57.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

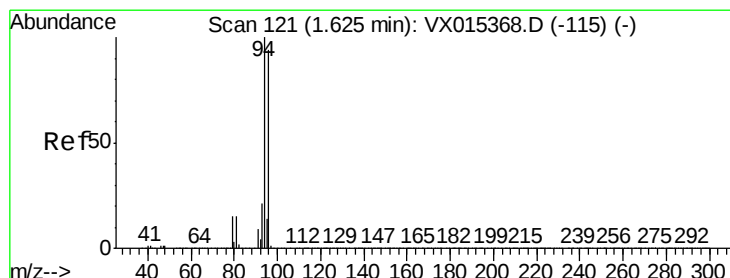
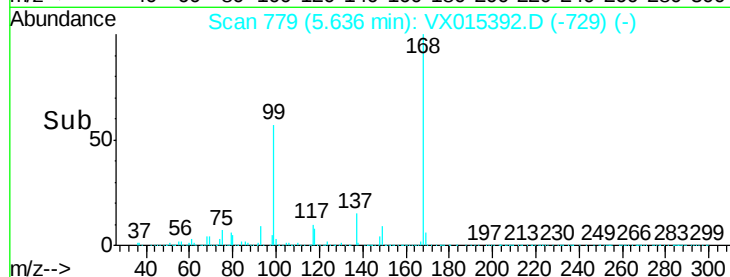
300000

200000

100000

0

Time--> 5.40 5.60 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 125

Delta R.T. 0.03 min

Lab File: VX015392.D

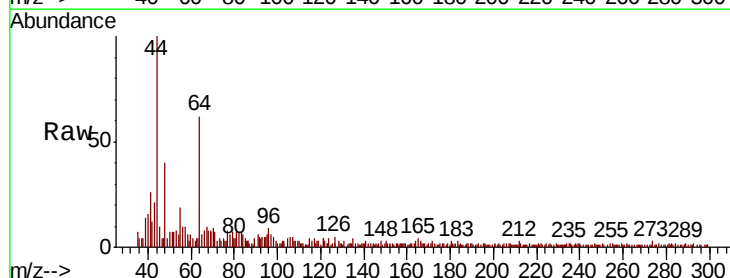
Acq: 27 Mar 2020 19:15

Tgt Ion: 94 Resp: 1172

Ion Ratio Lower Upper

94 100

96 38.9 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

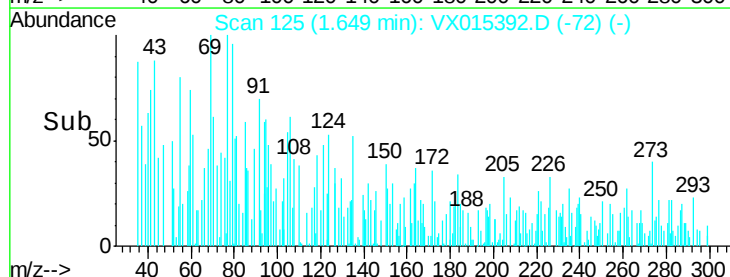
1.65

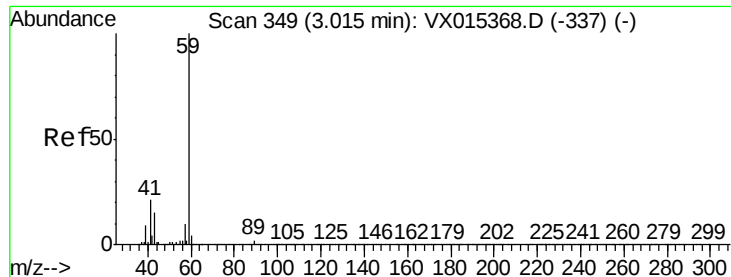
1000

500

0

Time--> 1.65 1.70



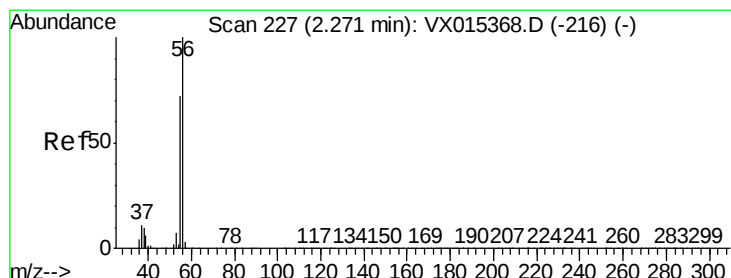
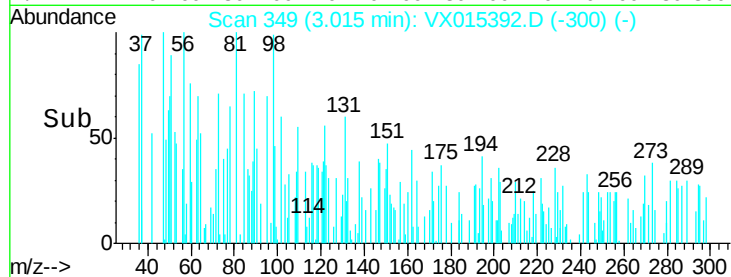
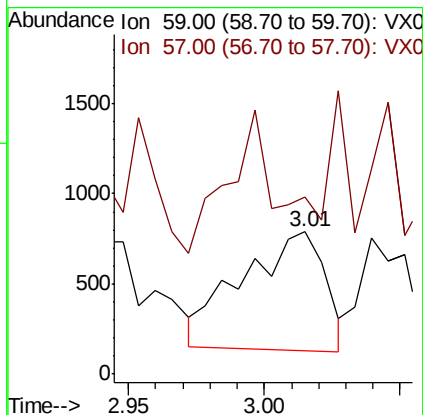
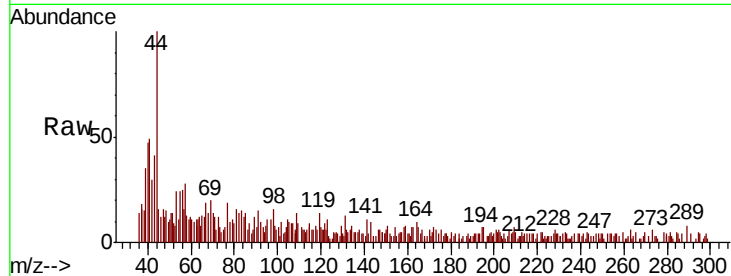


#11

Tert butyl alcohol
Concen: 0.368 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015392.D
Acq: 27 Mar 2020 19:15

Instrument :
MSVOA_X
ClientSampleId :
DUP07-20200317

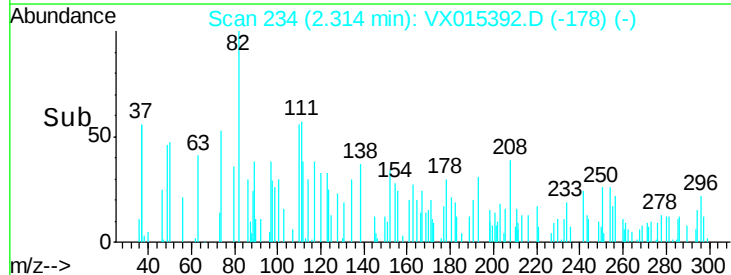
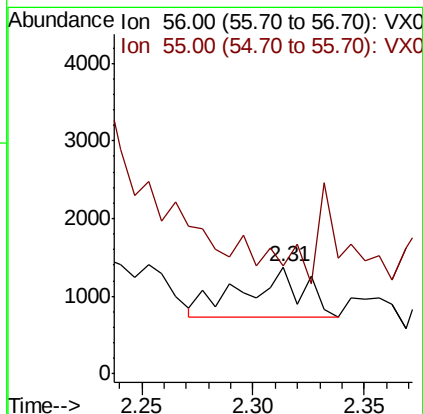
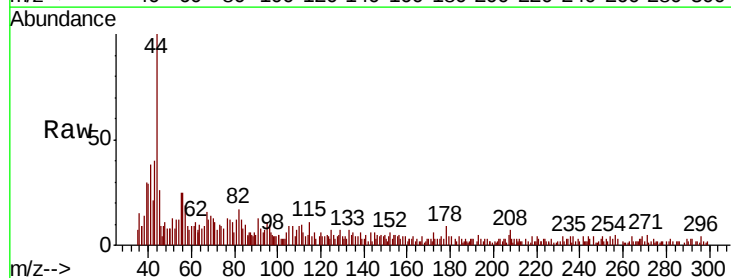
Tot Ion: 59 Resp: 1386
Ion Ratio Lower Upper
59 100
57 62.3 8.1 12.1#

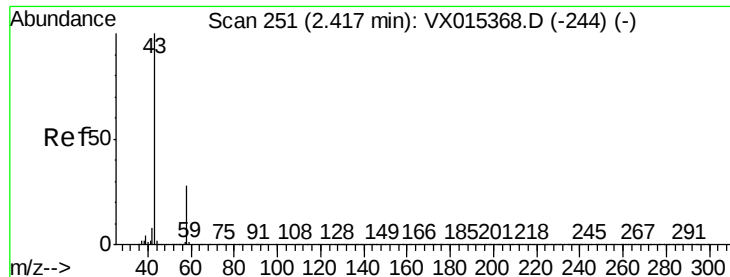


#13

Acrolein
Concen: 0.548 ug/l
RT: 2.31 min Scan# 234
Delta R.T. 0.04 min
Lab File: VX015392.D
Acq: 27 Mar 2020 19:15

Tgt Ion: 56 Resp: 1178
Ion Ratio Lower Upper
56 100
55 91.9 57.0 85.4#





#16

Acetone

Concen: 2.587 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015392.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

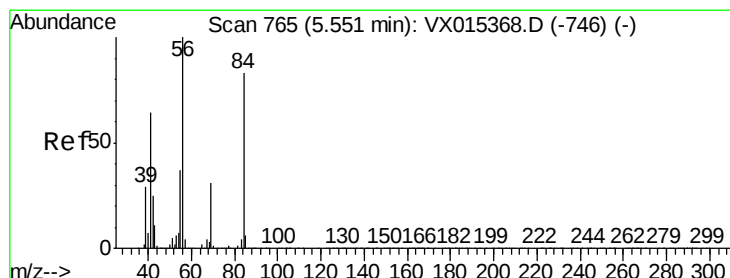
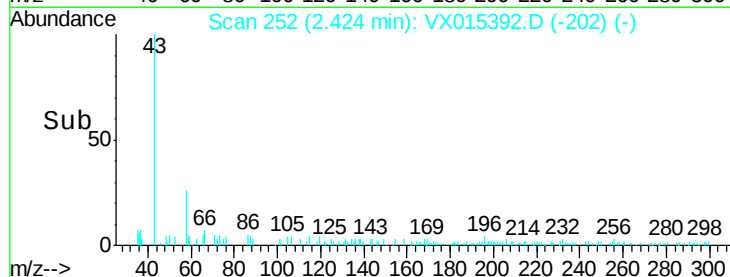
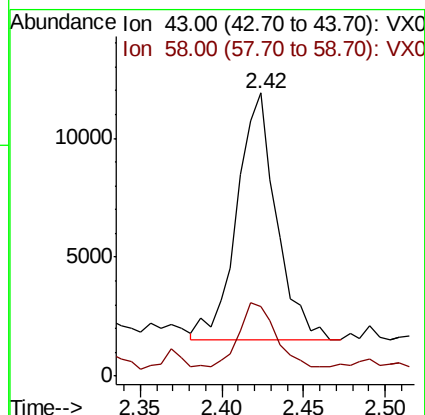
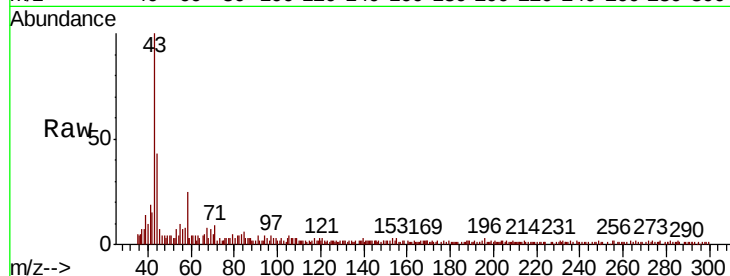
DUP07-20200317

Tot Ion: 43 Resp: 17513

Ion Ratio Lower Upper

43 100

58 23.5 22.1 33.1



#31

Cyclohexane

Concen: 1.275 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.08 min

Lab File: VX015392.D

Acq: 27 Mar 2020 19:15

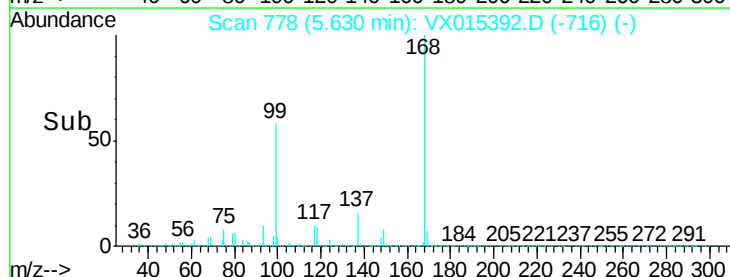
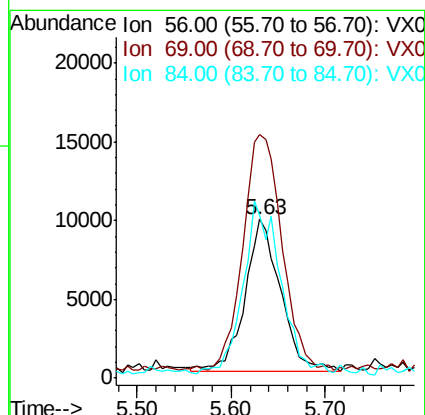
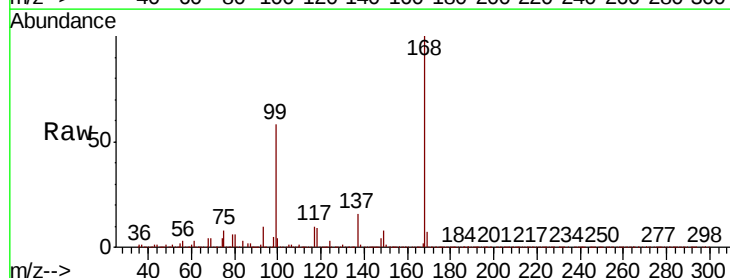
Tgt Ion: 56 Resp: 25432

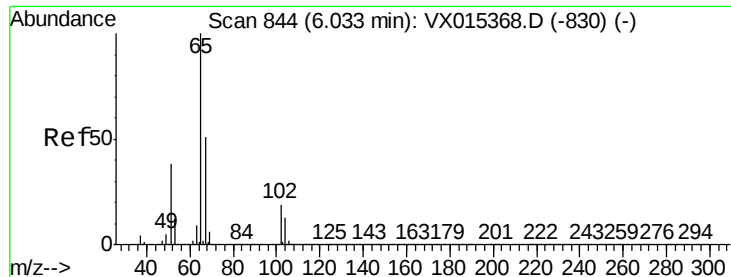
Ion Ratio Lower Upper

56 100

69 153.8 24.6 36.8#

84 100.2 66.1 99.1#





#33

1,2-Dichloroethane-d4

Concen: 46.436 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015392.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

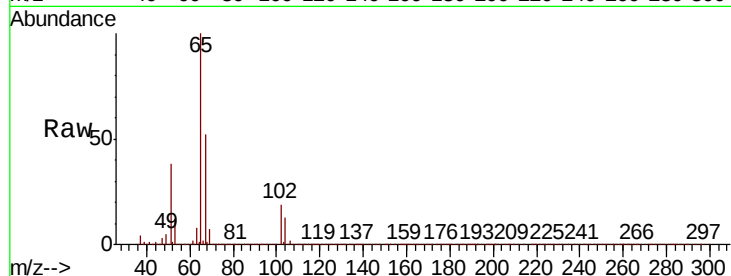
DUP07-20200317

Tot Ion: 65 Resp: 731580

Ion Ratio Lower Upper

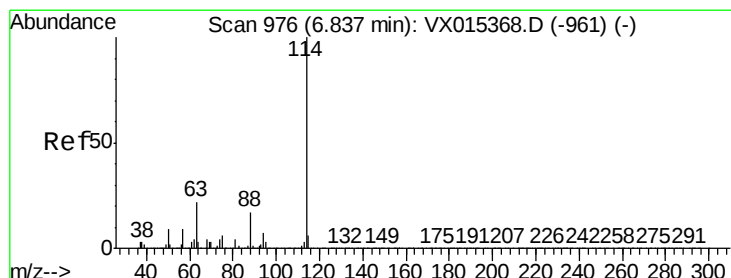
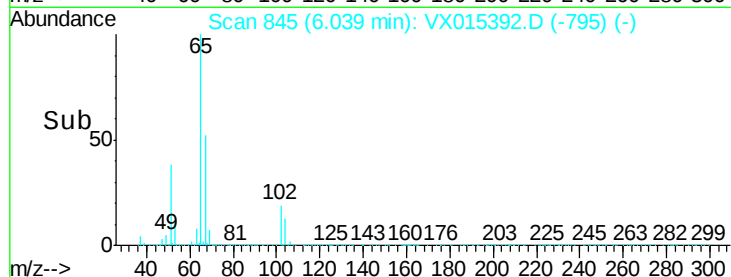
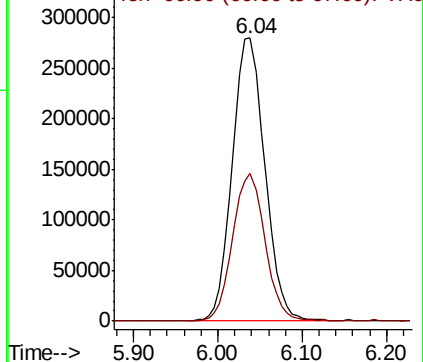
65 100

67 51.7 0.0 102.6



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: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015392.D

Acq: 27 Mar 2020 19:15

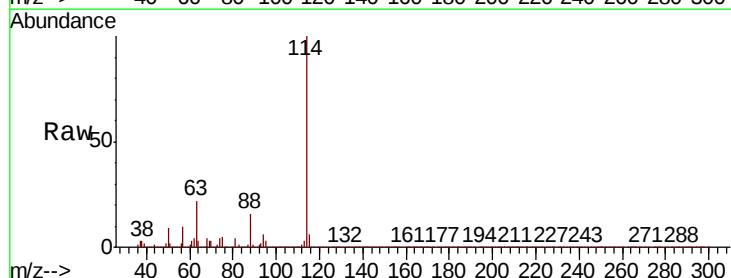
Tgt Ion: 114 Resp: 1823582

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

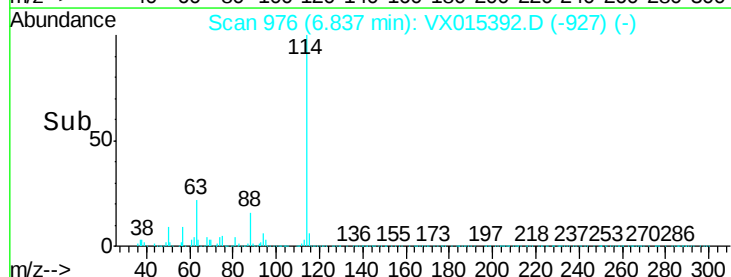
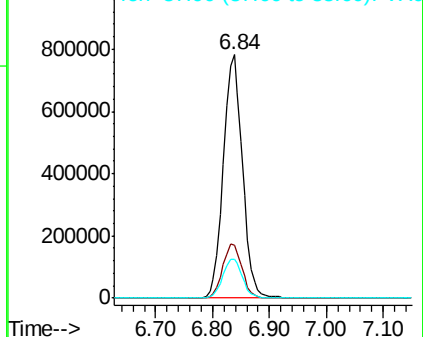
88 15.9 0.0 33.8

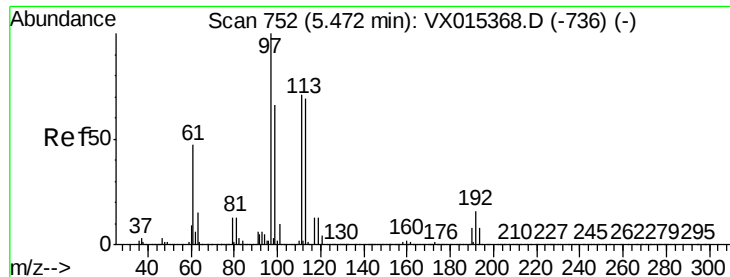


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

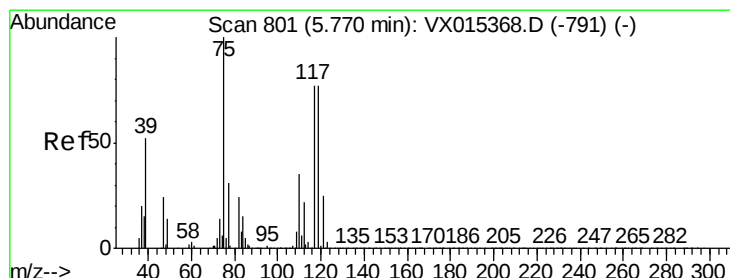
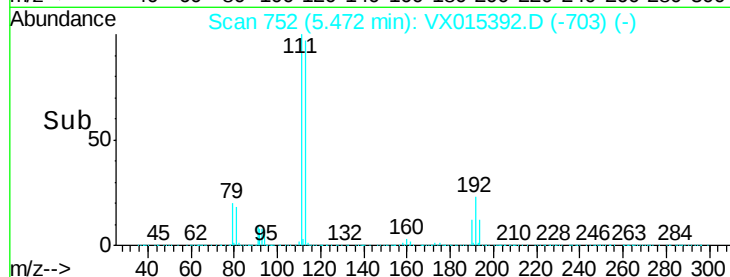
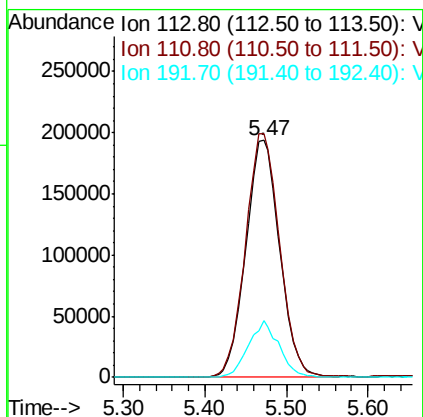
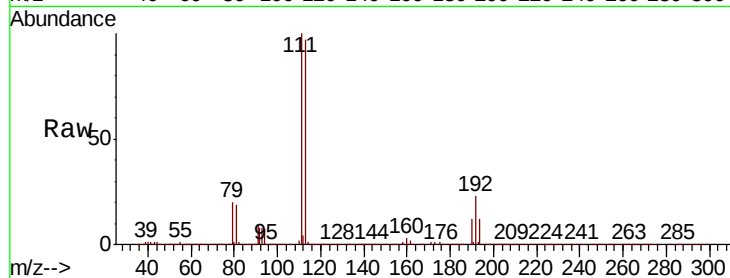




#35
Dibromofluoromethane
Concen: 48.200 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015392.D
Acq: 27 Mar 2020 19:15

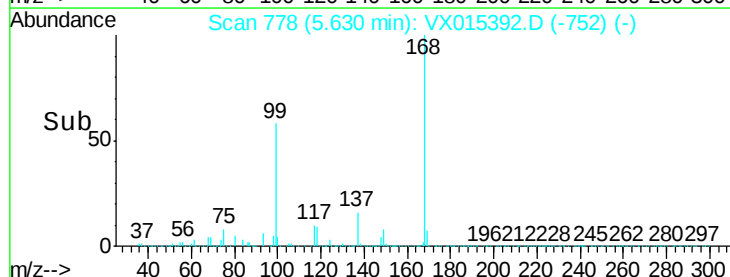
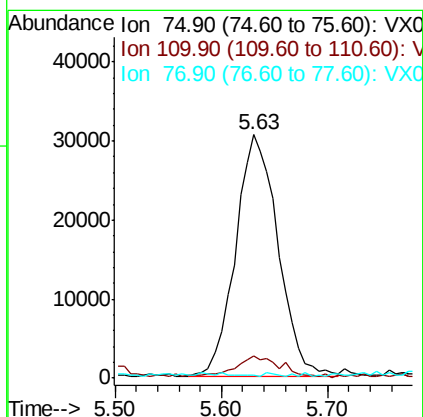
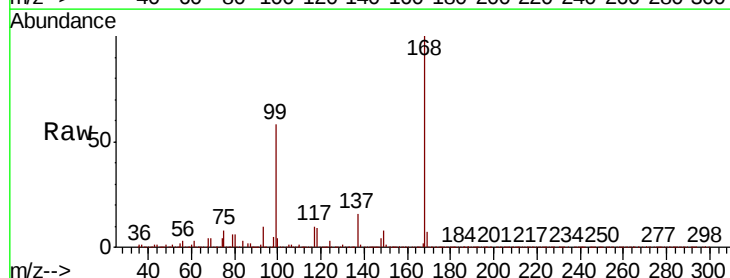
Instrument :
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ClientSampleId :
DUP07-20200317

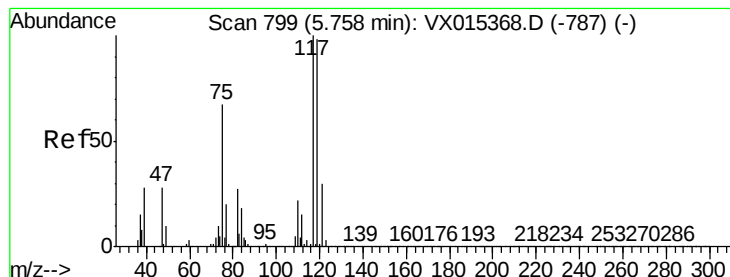
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	21.6	17.8	26.6



#36
1,1-Dichloropropene
Concen: 5.068 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.14 min
Lab File: VX015392.D
Acq: 27 Mar 2020 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.1	51.3#
77	0.3	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.850 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015392.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20200317

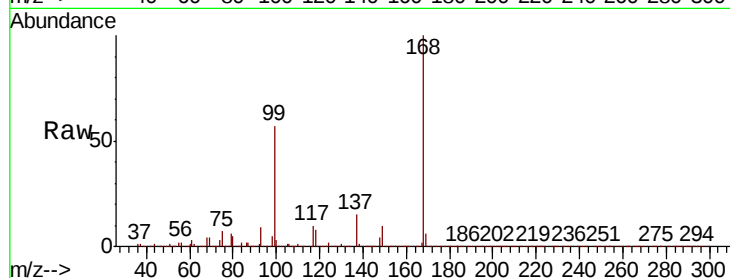
Tot Ion:117 Resp: 106457

Ion Ratio Lower Upper

117 100

119 3.5 78.0 117.0#

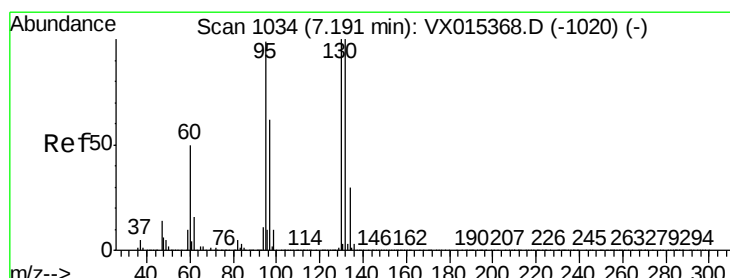
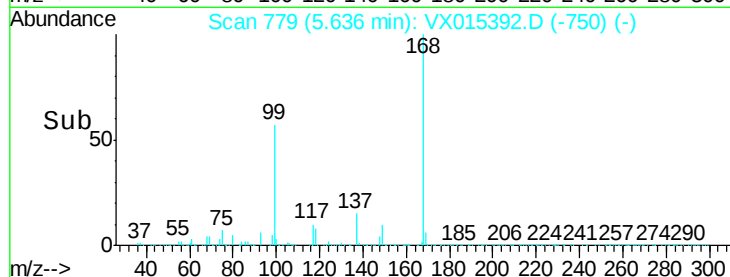
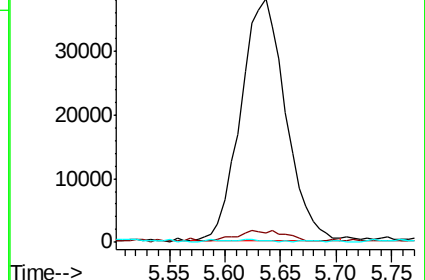
121 0.1 23.8 35.8#



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



#44

Trichloroethene

Concen: 0.214 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015392.D

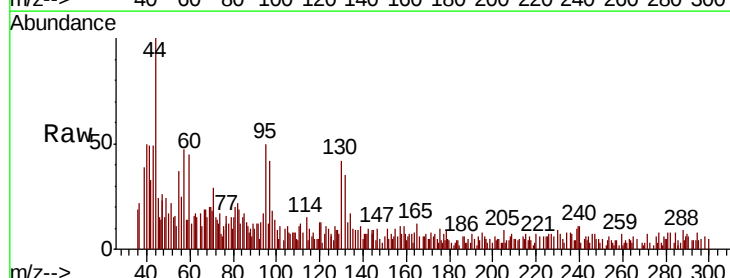
Acq: 27 Mar 2020 19:15

Tgt Ion:130 Resp: 2874

Ion Ratio Lower Upper

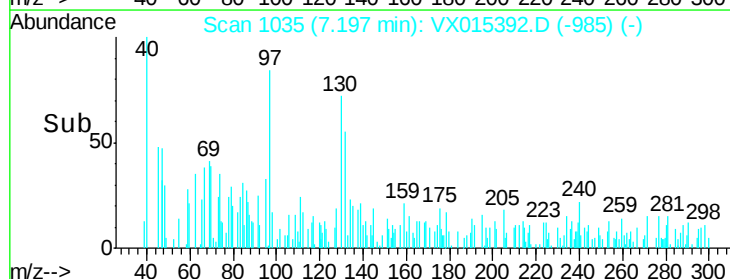
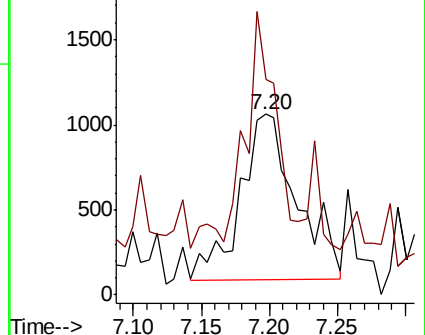
130 100

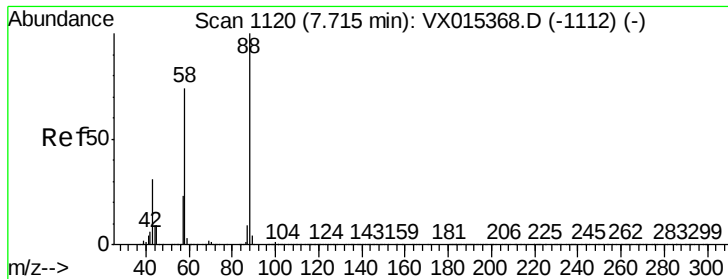
95 102.8 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#49

1,4-Dioxane

Concen: 1.241 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VX015392.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20200317

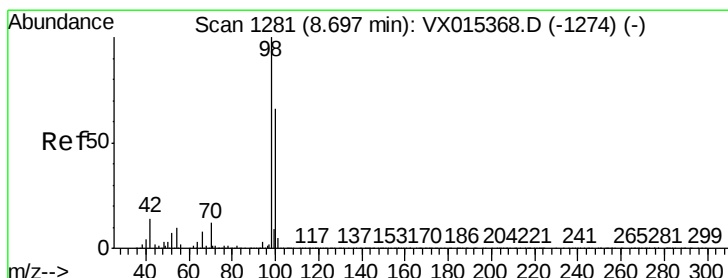
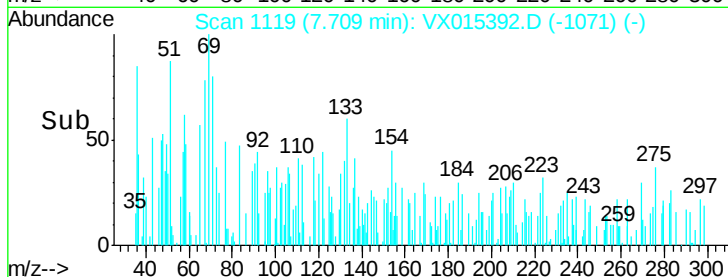
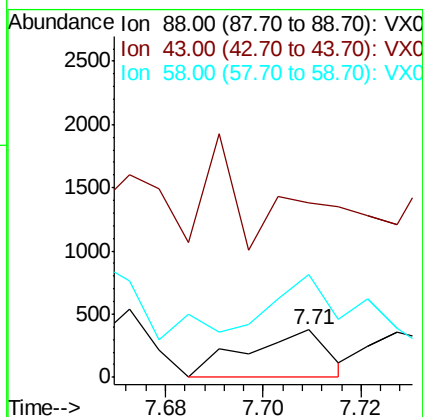
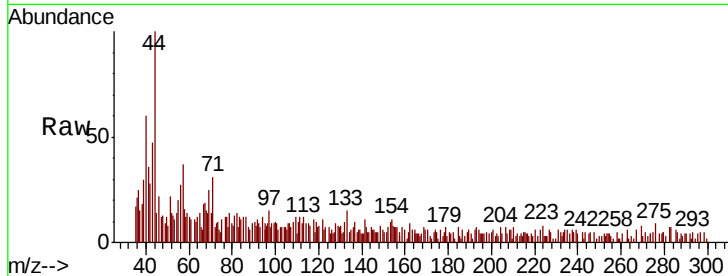
Tot Ion: 88 Resp: 427

Ion Ratio Lower Upper

88 100

43 166.3 30.1 45.1#

58 163.9 60.6 90.8#



#50

Toluene-d8

Concen: 50.462 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015392.D

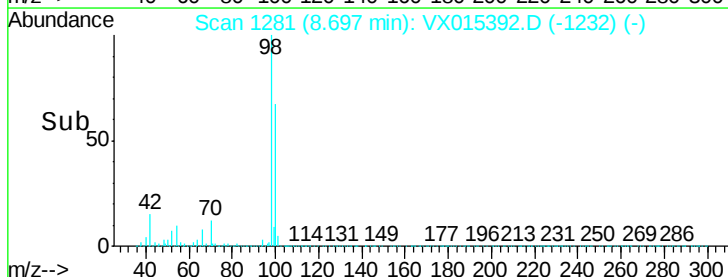
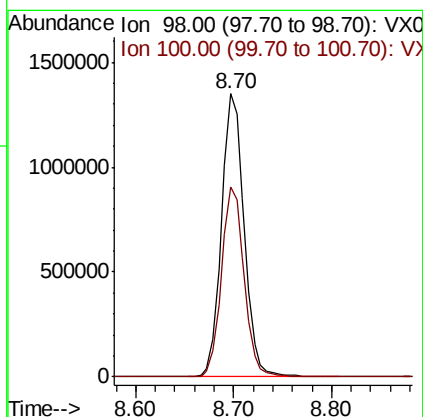
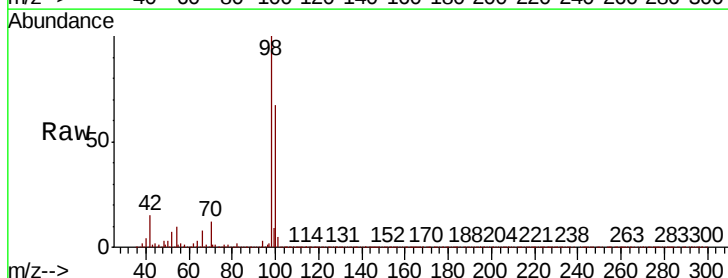
Acq: 27 Mar 2020 19:15

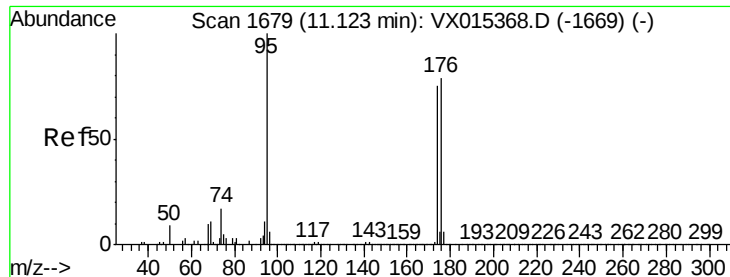
Tgt Ion: 98 Resp: 2165703

Ion Ratio Lower Upper

98 100

100 67.0 53.5 80.3

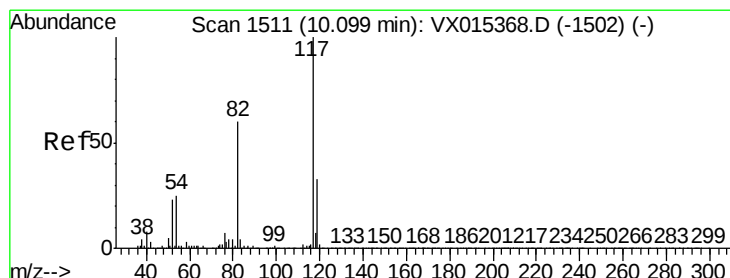
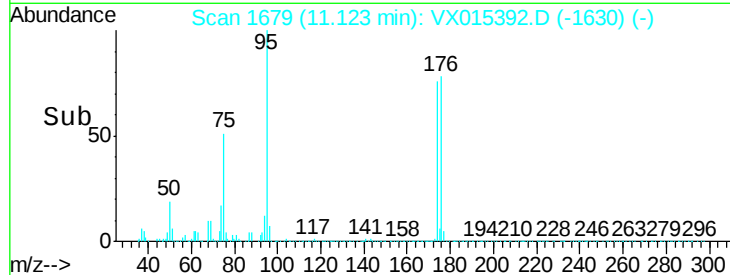
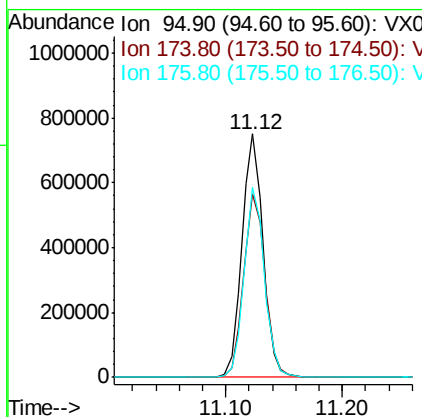
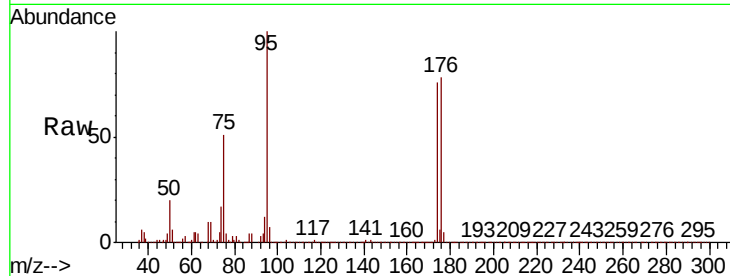




#62
4-Bromofluorobenzene
Concen: 54.179 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015392.D
Acq: 27 Mar 2020 19:15

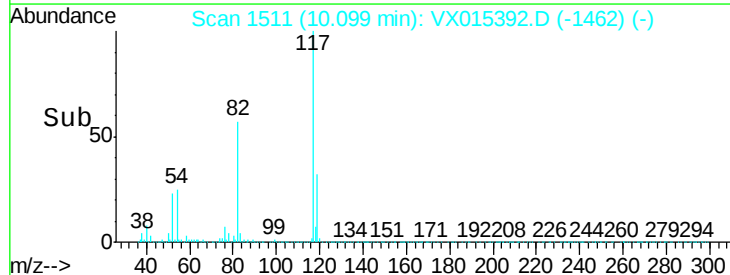
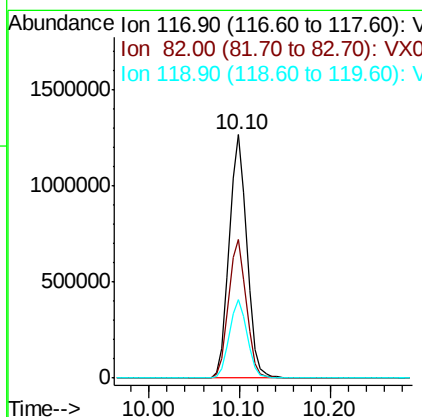
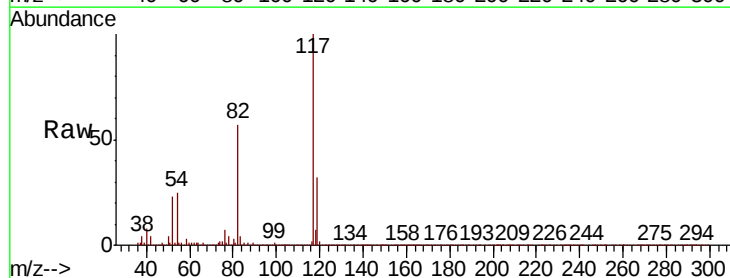
Instrument :
MSVOA_X
ClientSampleId :
DUP07-20200317

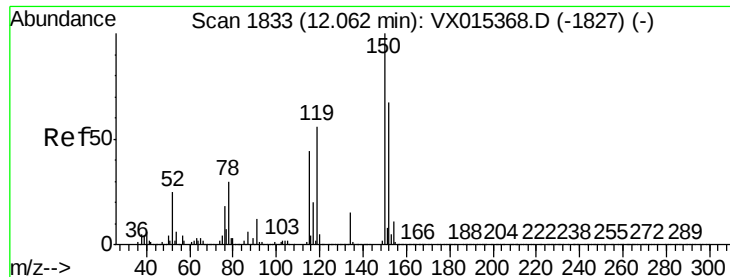
Tot Ion: 95 Resp: 944979
Ion Ratio Lower Upper
95 100
174 77.5 0.0 158.6
176 76.2 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015392.D
Acq: 27 Mar 2020 19:15

Tgt Ion: 117 Resp: 1718547
Ion Ratio Lower Upper
117 100
82 57.0 47.8 71.8
119 32.2 26.8 40.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015392.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20200317

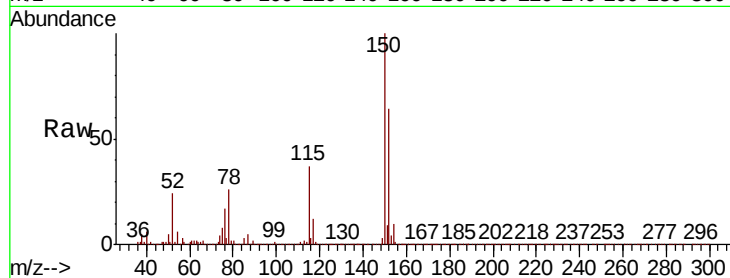
Tot Ion:152 Resp: 932160

Ion Ratio Lower Upper

152 100

115 57.4 39.0 116.9

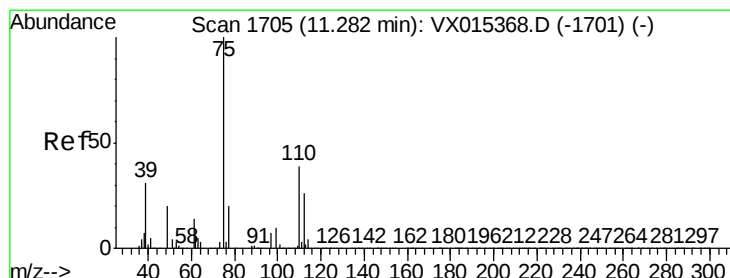
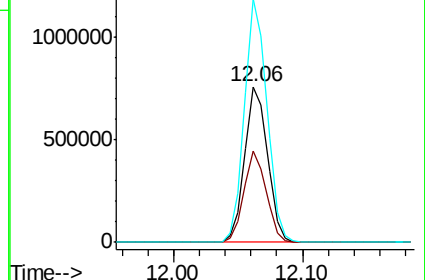
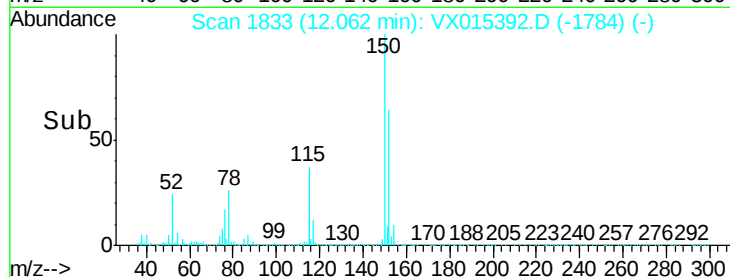
150 153.9 0.0 340.8



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



#76

1,2,3-Trichloropropane

Concen: 25.390 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015392.D

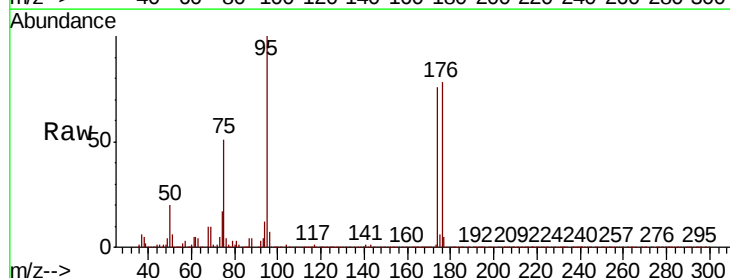
Acq: 27 Mar 2020 19:15

Tgt Ion: 75 Resp: 486706

Ion Ratio Lower Upper

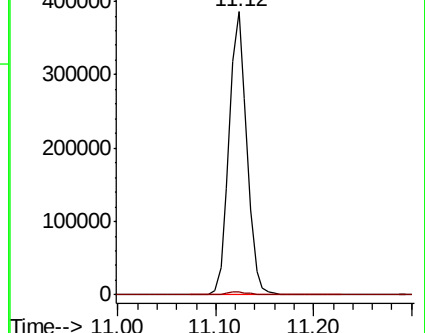
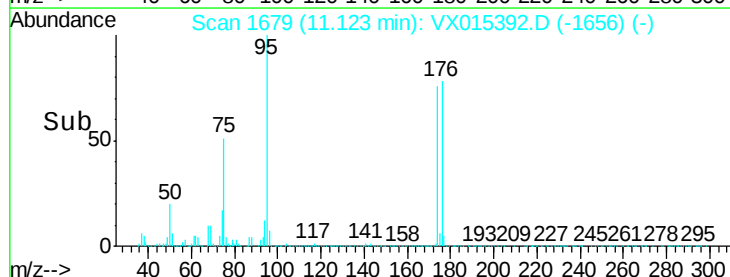
75 100

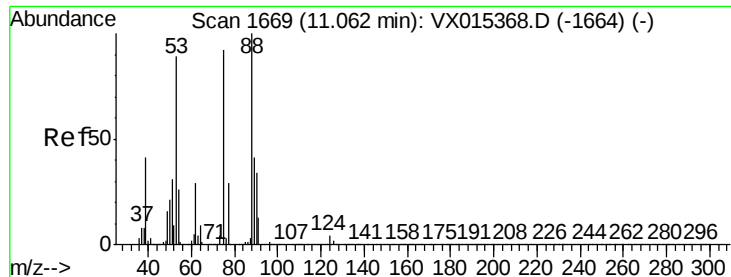
77 1.1 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 60.922 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015392.D

Acq: 27 Mar 2020 19:15

Instrument :

MSVOA_X

ClientSampleId :

DUP07-20200317

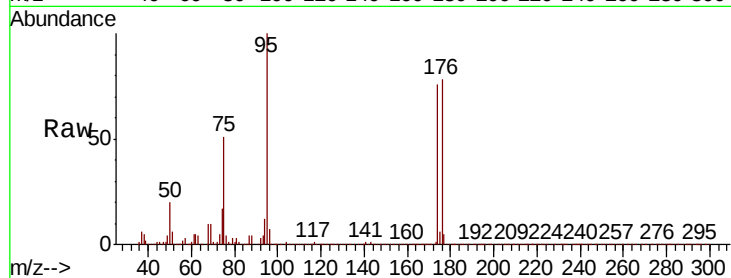
Tot Ion: 75 Resp: 486706

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

