

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015303.D
 Acq On : 16 Mar 2020 18:58
 Operator : JC/SP
 Sample : L1945-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20200312

Quant Time: Mar 17 07:43:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	302032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	496538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	482635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	249459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	177733	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	5.49	113	153969	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.71	98	613279	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.13	95	223031	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	786	0.297	ug/l #	71
3) Chloromethane	1.32	50	1554	0.415	ug/l #	81
5) Bromomethane	1.66	94	1152	0.493	ug/l	98
8) Diethyl Ether	2.13	74	484	0.236	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3616	1.271	ug/l #	90
10) Methyl Iodide	2.53	142	1569	0.488	ug/l #	79
11) Tert butyl alcohol	3.04	59	148	0.238	ug/l #	1
12) 1,1-Dichloroethene	2.37	96	926	0.315	ug/l #	54
13) Acrolein	2.29	56	184	0.315	ug/l	92
15) Acrylonitrile	3.12	53	635	0.410	ug/l #	55
16) Acetone	2.44	43	3092	2.131	ug/l	97
17) Carbon Disulfide	2.56	76	4458	0.547	ug/l	99
18) Methyl Acetate	2.77	43	945	0.266	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	955	0.305	ug/l #	61
25) 2-Butanone	4.67	43	462	0.217	ug/l #	54
27) cis-1,2-Dichloroethene	4.59	96	2282	0.649	ug/l	86
36) 1,1-Dichloropropene	5.65	75	20171	4.394	ug/l #	52
39) Methylcyclohexane	7.45	83	1088	0.203	ug/l #	59
41) Methacrylonitrile	5.03	41	837	0.327	ug/l #	47
44) Trichloroethene	7.21	130	174819	46.093	ug/l	97
49) 1,4-Dioxane	7.75	88	1071	12.993	ug/l #	42
51) 4-Methyl-2-Pentanone	8.64	43	956	0.216	ug/l #	68
53) t-1,3-Dichloropropene	9.04	75	973	0.201	ug/l #	67
64) Tetrachloroethene	9.33	164	11083	2.777	ug/l	97
68) m/p-Xylenes	10.35	106	1569	0.251	ug/l	89
76) 1,2,3-Trichloropropane	11.13	75	106471	21.397	ug/l #	33
77) Bromobenzene	11.26	156	892	0.201	ug/l	86
81) trans-1,4-Dichloro-2-buten	11.13	75	106471	60.725	ug/l #	11
87) 1,3-Dichlorobenzene	12.02	146	2281	0.292	ug/l #	81
88) 1,4-Dichlorobenzene	12.09	146	2967	0.368	ug/l #	22
89) n-Butylbenzene	12.38	91	3864	0.305	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	1841	0.237	ug/l	91
93) 1,2,4-Trichlorobenzene	13.64	180	2936	0.545	ug/l	95
94) Hexachlorobutadiene	13.77	225	1716	0.621	ug/l	86

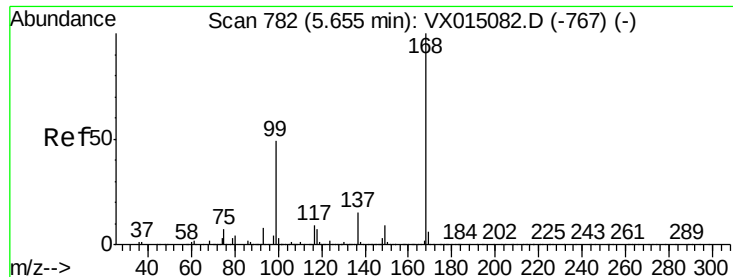
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	5397	1.737	ug/l #	83
96) 1,2,3-Trichlorobenzene	14.01	180	2785	0.518	ug/l	89

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

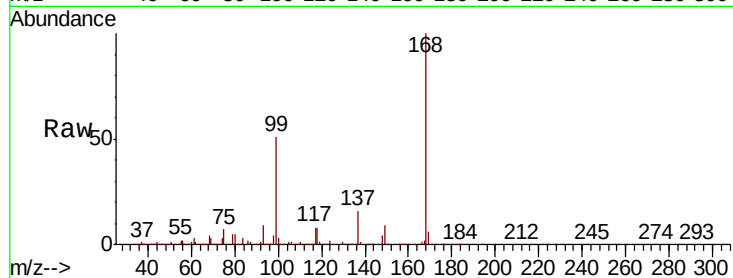
DUP05-20200312

Tot Ion:168 Resp: 302032

Ion Ratio Lower Upper

168 100

99 51.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

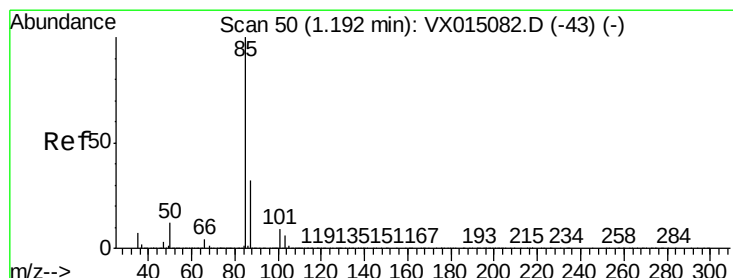
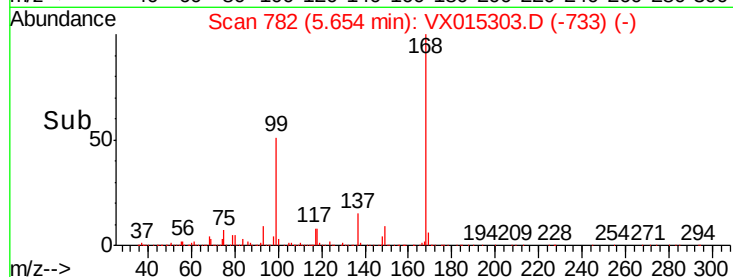
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.297 ug/l

RT: 1.20 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX015303.D

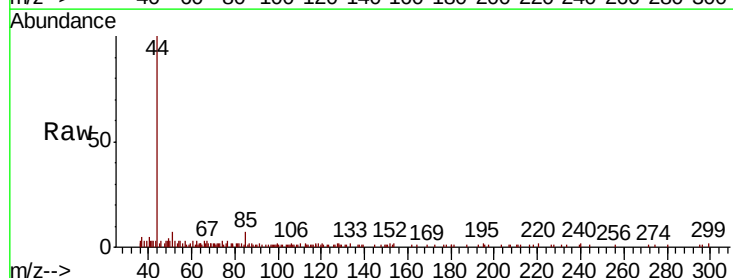
Acq: 16 Mar 2020 18:58

Tgt Ion: 85 Resp: 786

Ion Ratio Lower Upper

85 100

87 15.8 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

500

400

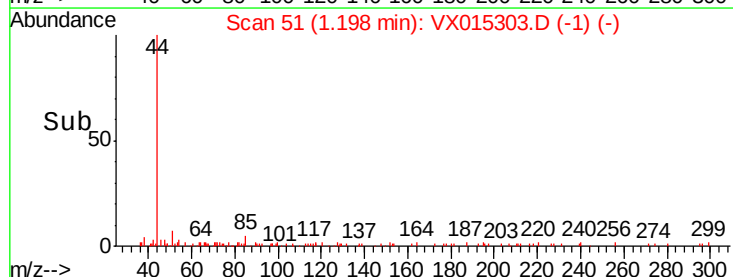
300

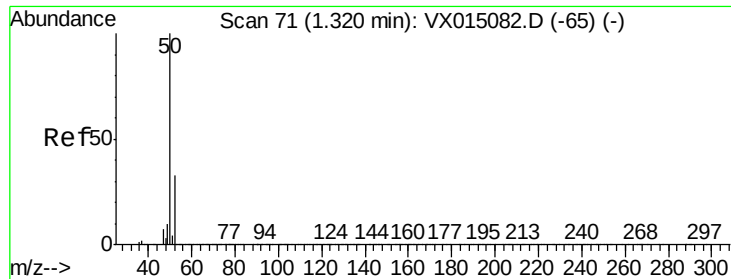
200

100

0

Time-->





#3

Chloromethane

Concen: 0.415 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

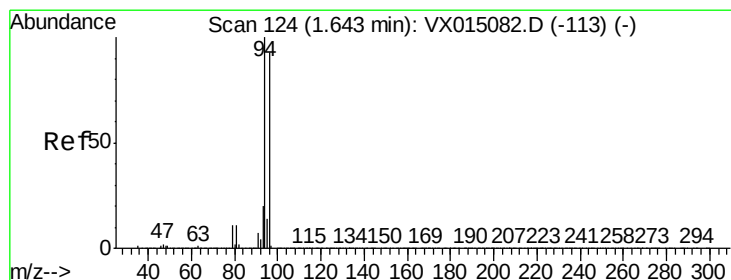
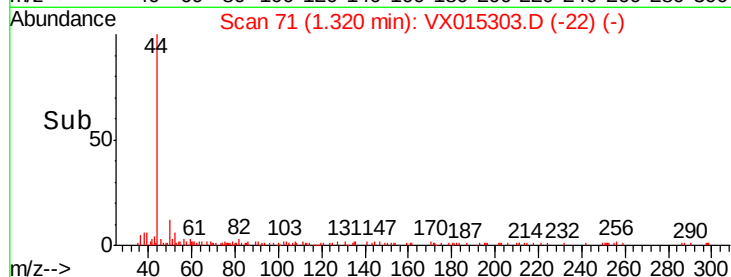
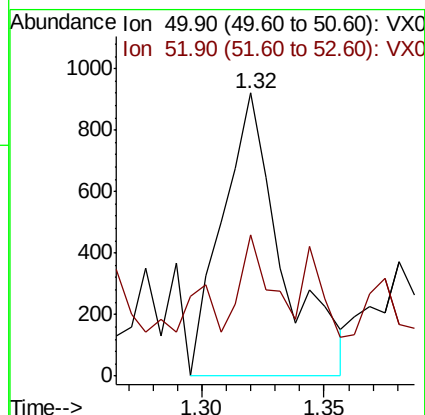
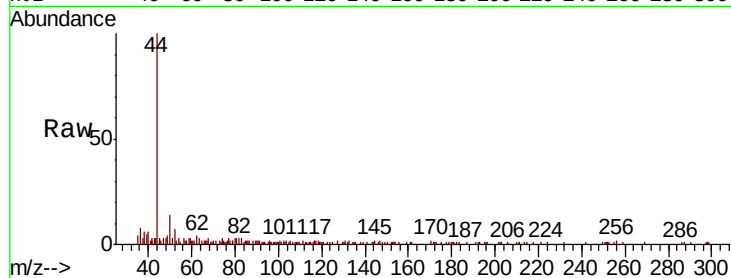
DUP05-20200312

Tot Ion: 50 Resp: 1554

Ion Ratio Lower Upper

50 100

52 43.3 26.2 39.2#



#5

Bromomethane

Concen: 0.493 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.01 min

Lab File: VX015303.D

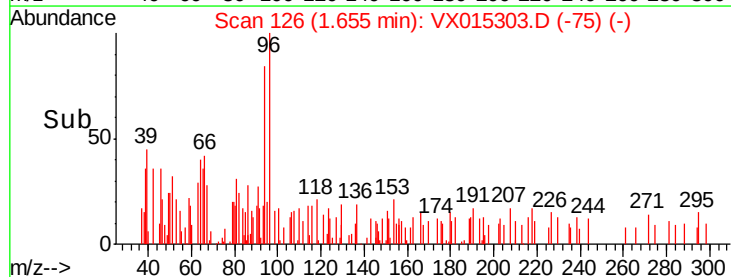
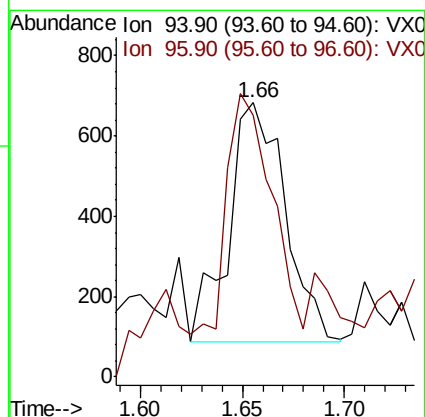
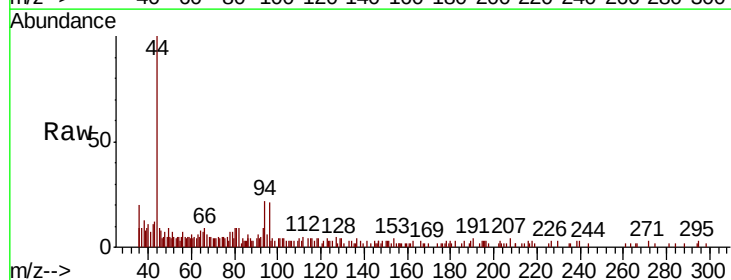
Acq: 16 Mar 2020 18:58

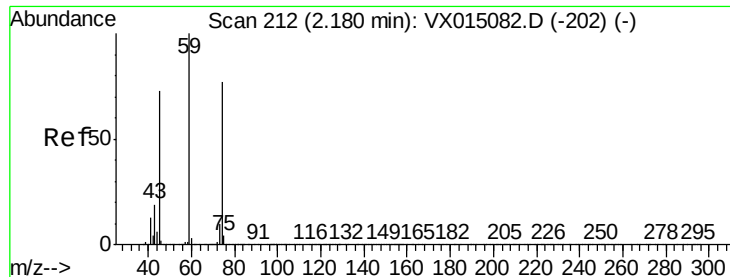
Tgt Ion: 94 Resp: 1152

Ion Ratio Lower Upper

94 100

96 91.6 74.6 111.8





#8

Diethyl Ether

Concen: 0.236 ug/l

RT: 2.13 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

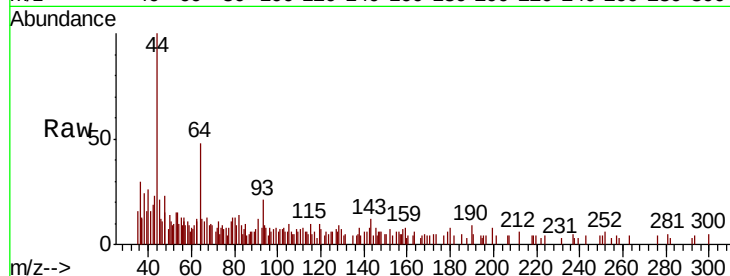
DUP05-20200312

Tot Ion: 74 Resp: 484

Ion Ratio Lower Upper

74 100

45 91.7 49.2 147.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

500

400

300

200

100

0

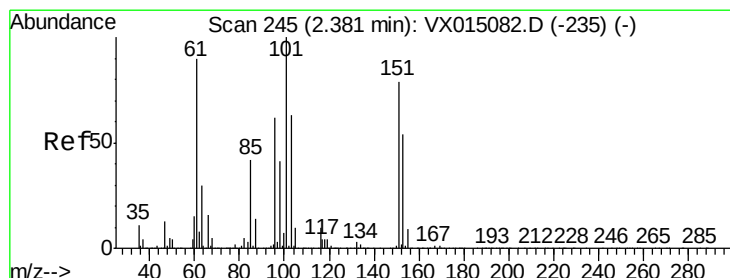
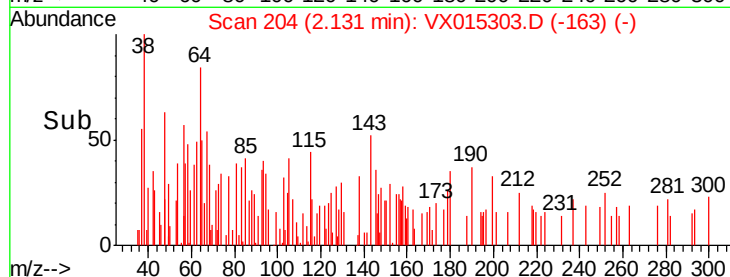
2.08

2.10

2.12

2.14

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.271 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

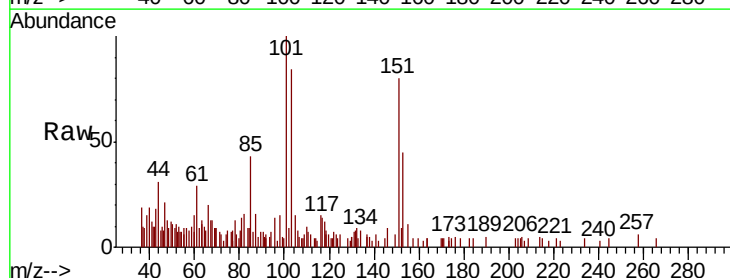
Tgt Ion: 101 Resp: 3616

Ion Ratio Lower Upper

101 100

85 55.5 33.7 50.5#

151 83.0 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2000

1500

1000

500

0

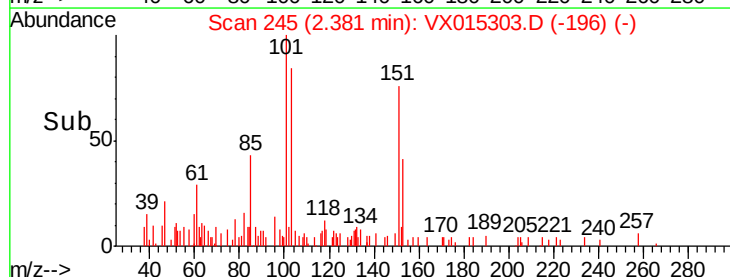
2.30

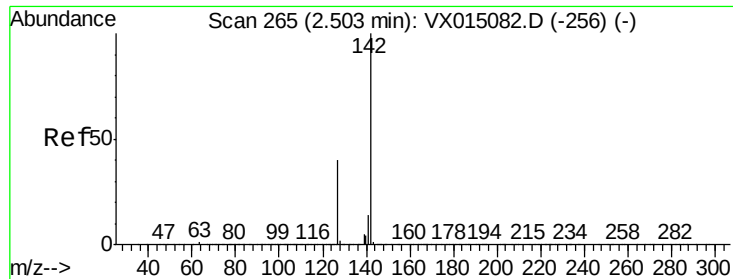
2.35

2.40

2.45

Time-->

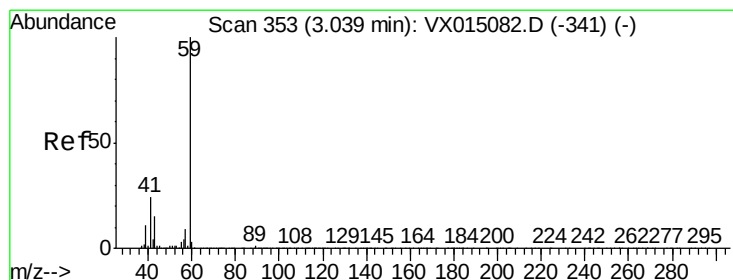
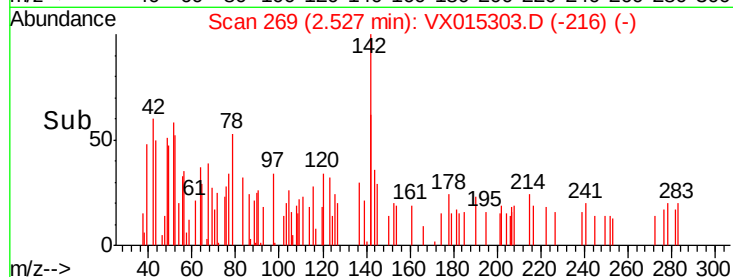
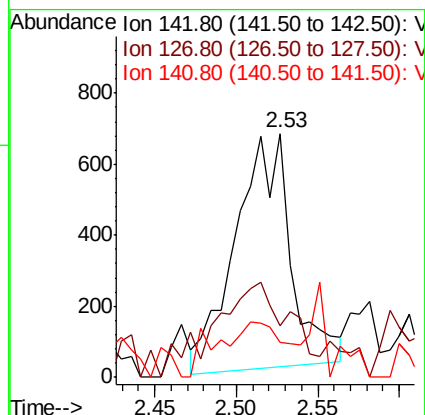
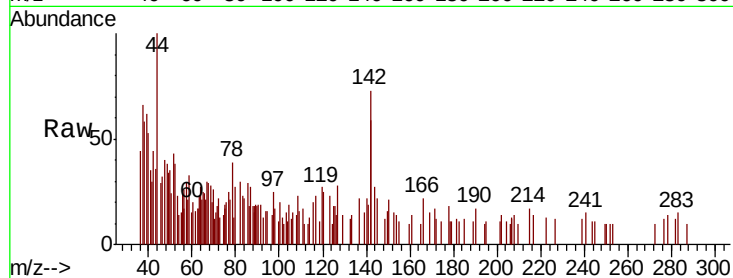




#10
Methvl Iodide
Concen: 0.488 ug/l
RT: 2.53 min Scan# 269
Delta R.T. 0.02 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

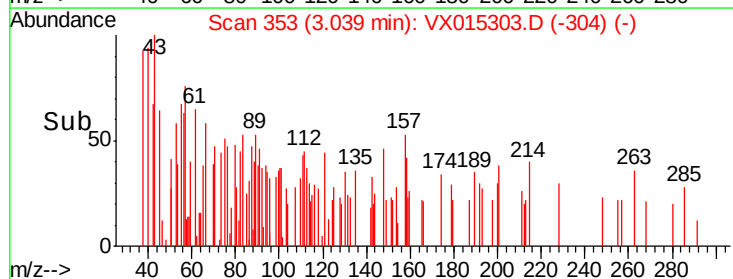
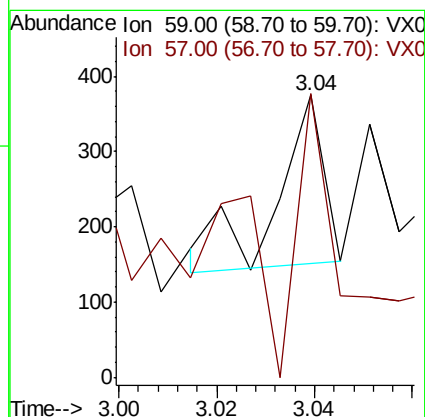
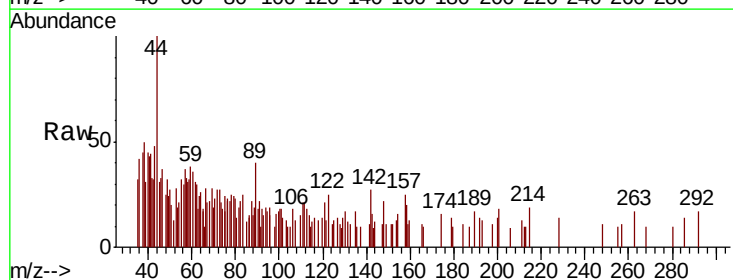
Instrument :
MSVOA_X
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DUP05-20200312

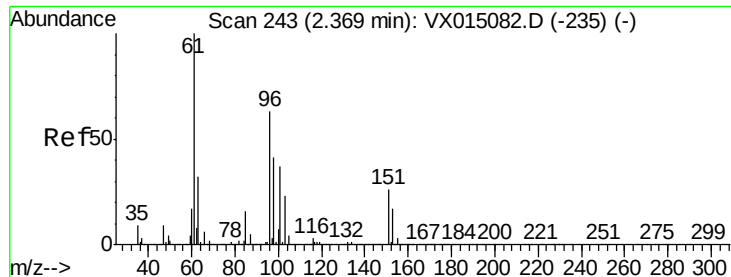
Tot Ion:142 Resp: 1569
Ion Ratio Lower Upper
142 100
127 55.8 31.7 47.5#
141 11.8 11.3 16.9



#11
Tert butyl alcohol
Concen: 0.238 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

Tgt Ion: 59 Resp: 148
Ion Ratio Lower Upper
59 100
57 170.9 8.2 12.4#





#12

1,1-Dichloroethene

Concen: 0.315 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20200312

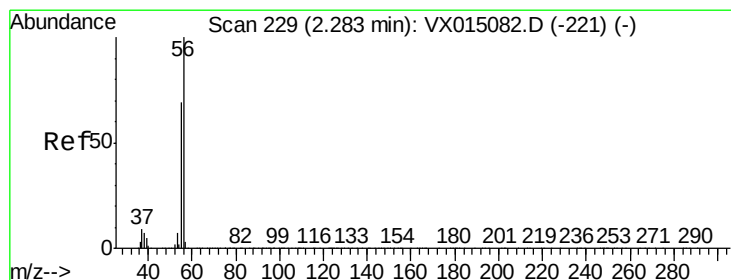
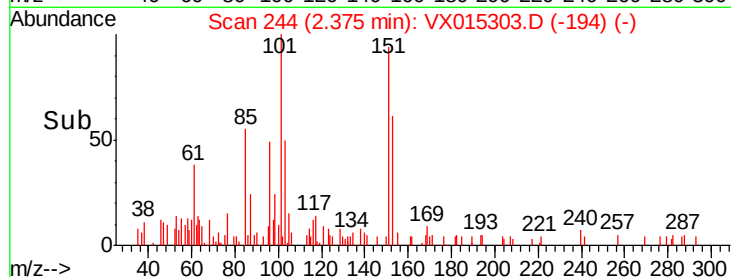
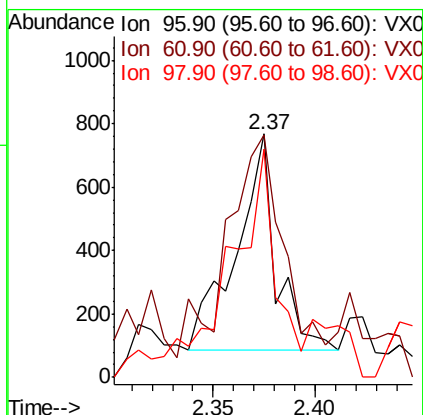
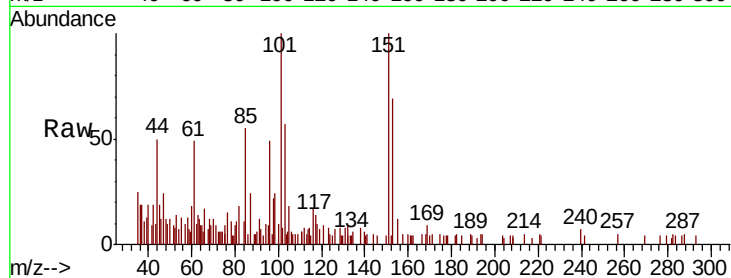
Tot Ion: 96 Resp: 926

Ion Ratio Lower Upper

96 100

61 91.4 126.2 189.4#

98 91.1 51.4 77.0#



#13

Acrolein

Concen: 0.315 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015303.D

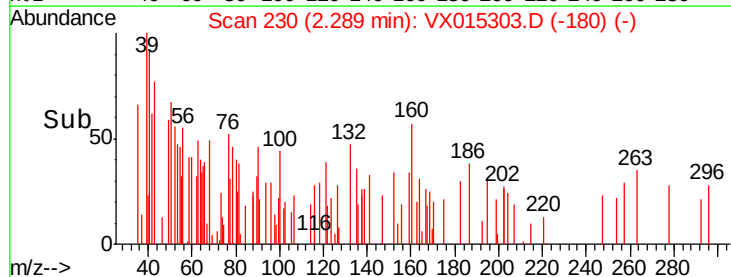
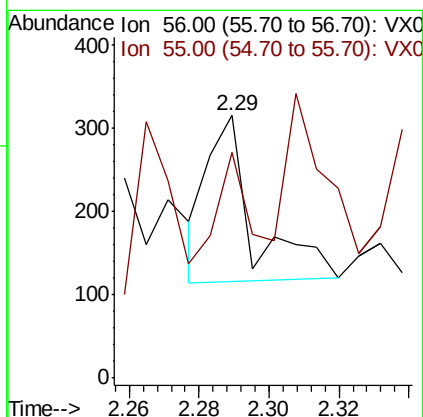
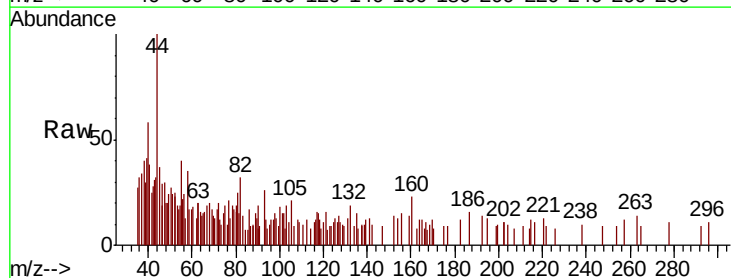
Acq: 16 Mar 2020 18:58

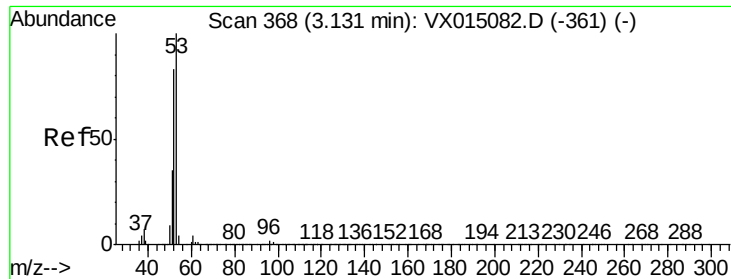
Tgt Ion: 56 Resp: 184

Ion Ratio Lower Upper

56 100

55 76.1 55.4 83.0





#15

Acrylonitrile

Concen: 0.410 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20200312

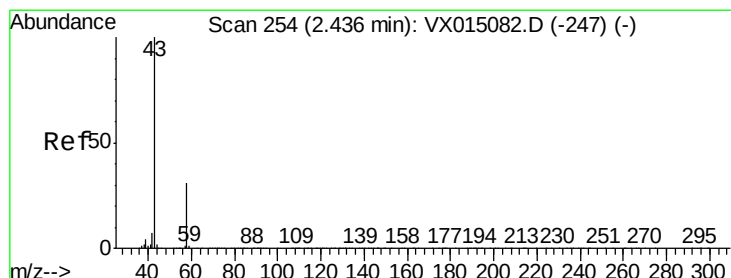
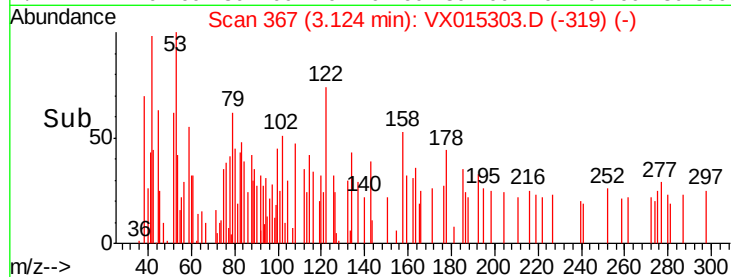
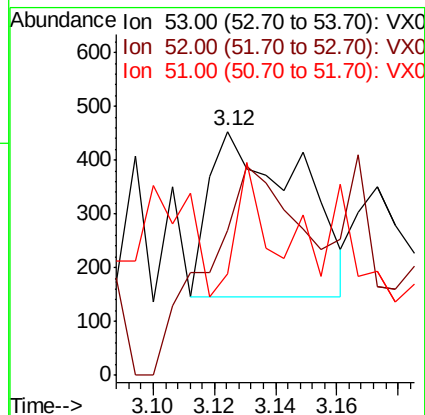
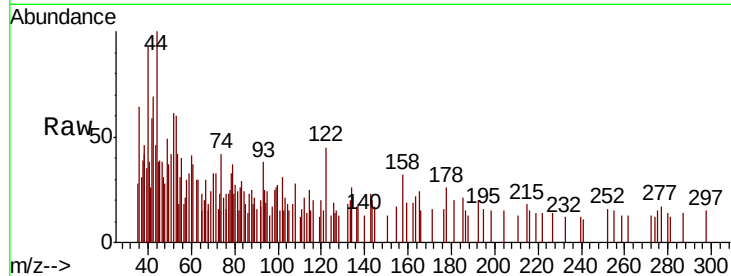
Tot Ion: 53 Resp: 635

Ion Ratio Lower Upper

53 100

52 135.0 66.6 100.0#

51 26.3 29.0 43.6#



#16

Acetone

Concen: 2.131 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX015303.D

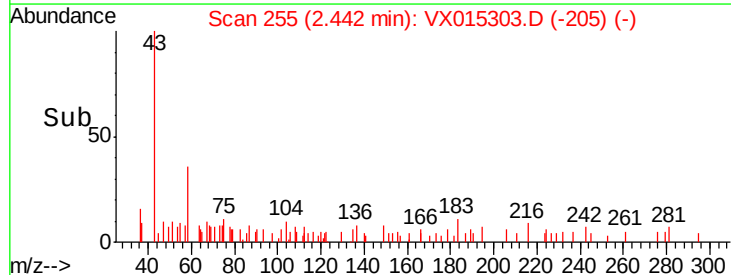
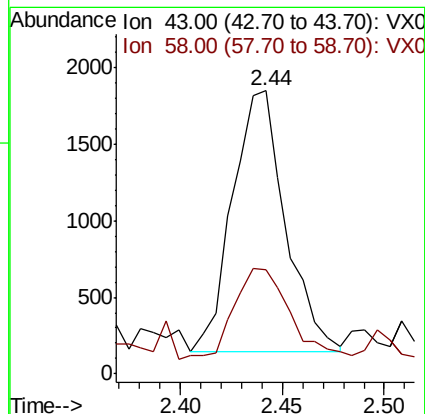
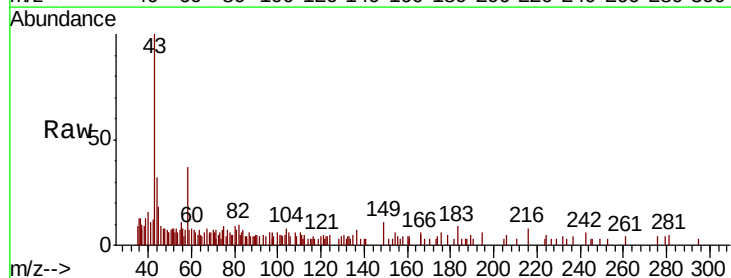
Acq: 16 Mar 2020 18:58

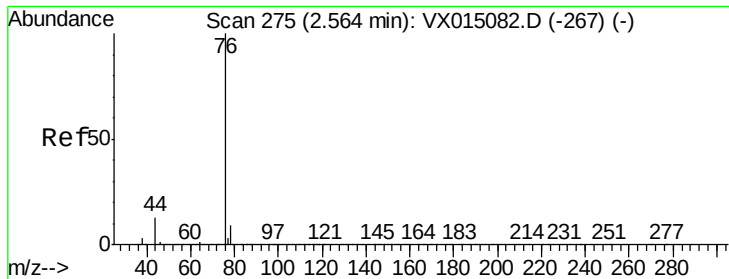
Tgt Ion: 43 Resp: 3092

Ion Ratio Lower Upper

43 100

58 32.6 24.8 37.2





#17

Carbon Disulfide

Concen: 0.547 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

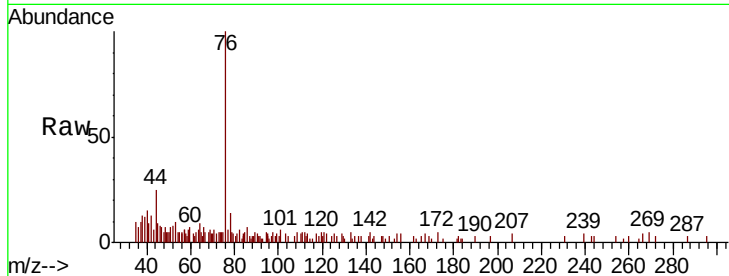
DUP05-20200312

Tot Ion: 76 Resp: 4458

Ion Ratio Lower Upper

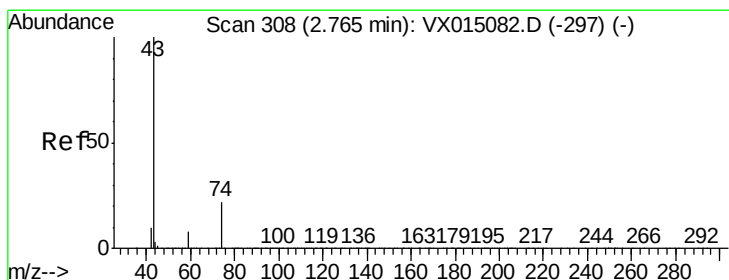
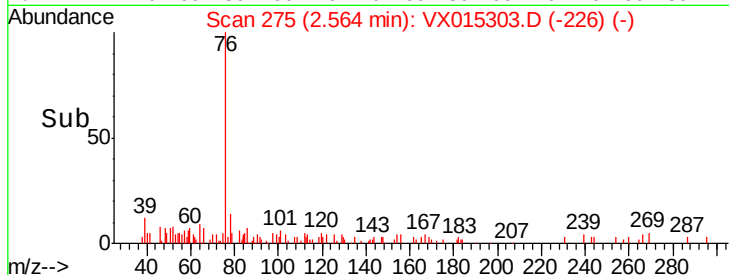
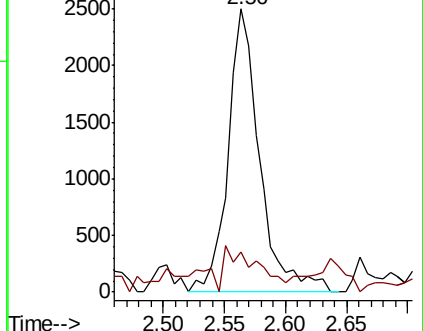
76 100

78 8.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.266 ug/l

RT: 2.77 min Scan# 309

Delta R.T. 0.01 min

Lab File: VX015303.D

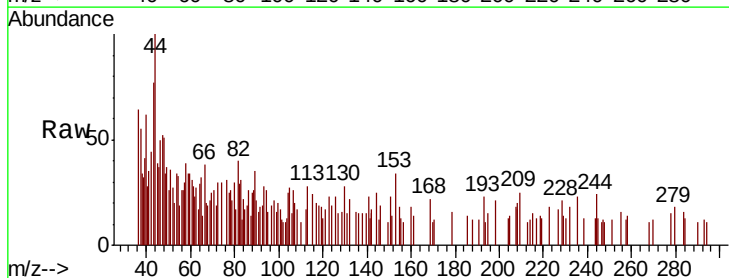
Acq: 16 Mar 2020 18:58

Tgt Ion: 43 Resp: 945

Ion Ratio Lower Upper

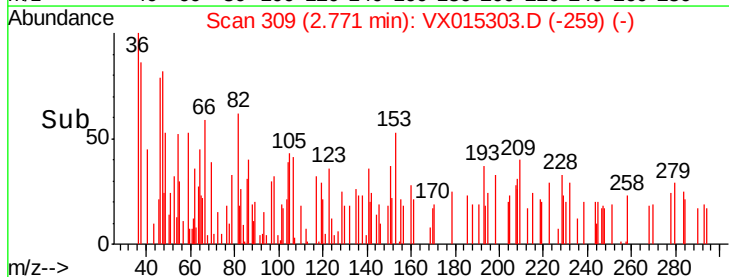
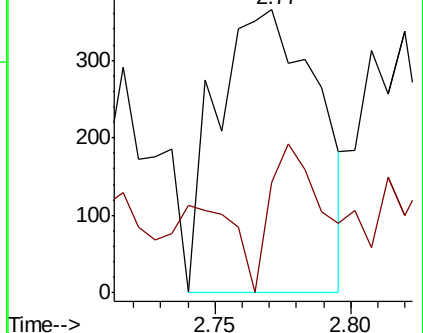
43 100

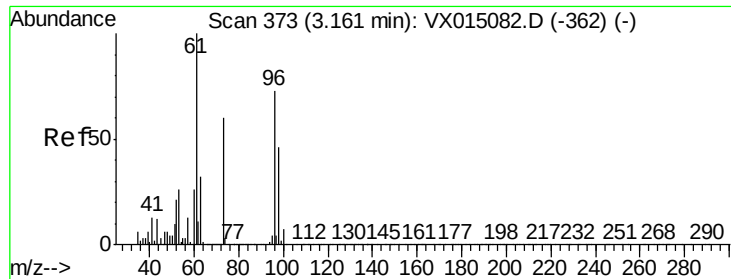
74 26.6 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.305 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20200312

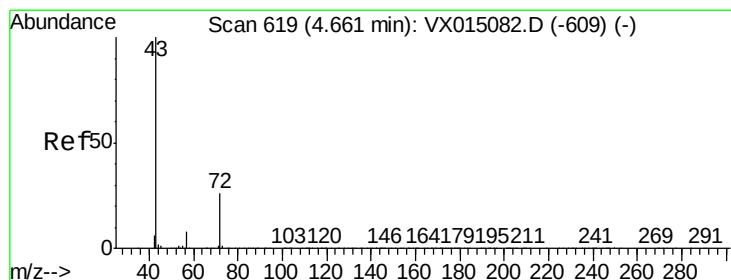
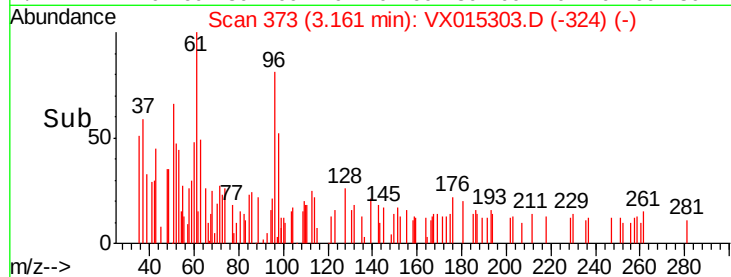
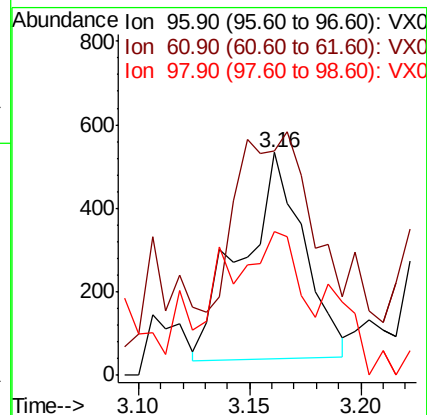
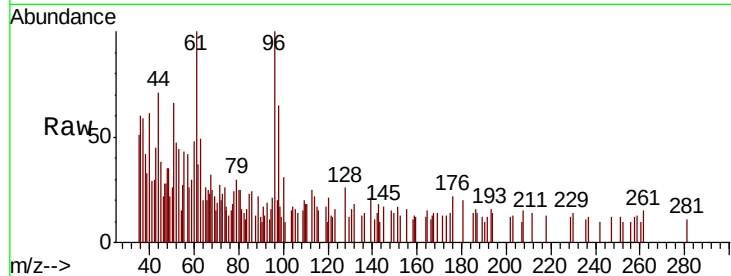
Tot Ion: 96 Resp: 955

Ion Ratio Lower Upper

96 100

61 78.0 109.9 164.9#

98 49.4 50.2 75.2#



#25

2-Butanone

Concen: 0.217 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX015303.D

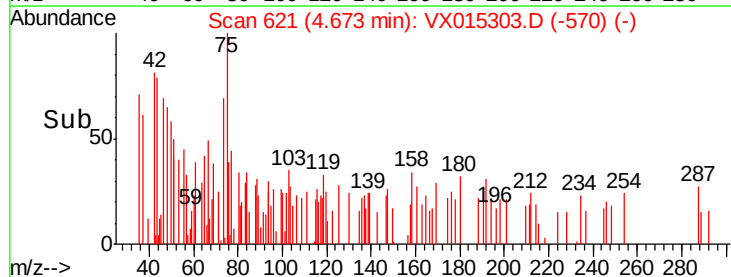
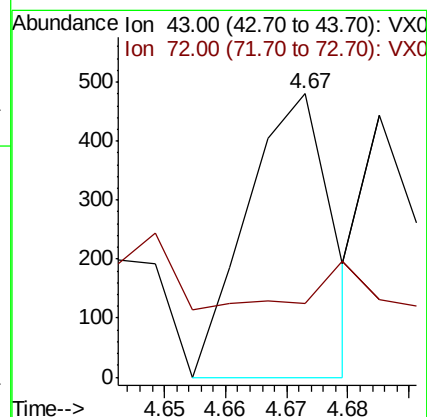
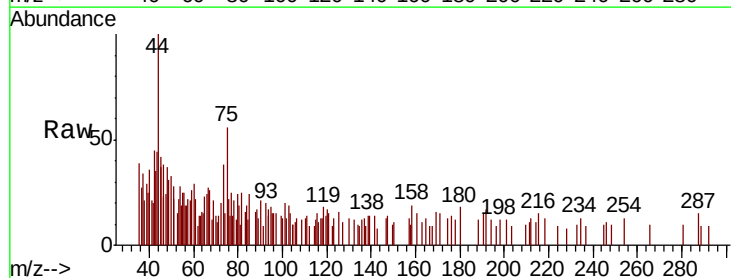
Acq: 16 Mar 2020 18:58

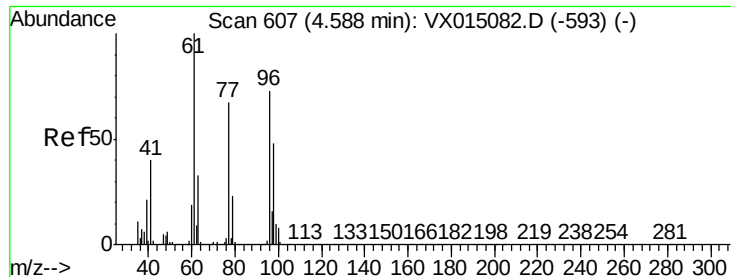
Tgt Ion: 43 Resp: 462

Ion Ratio Lower Upper

43 100

72 2.3 20.6 30.8#



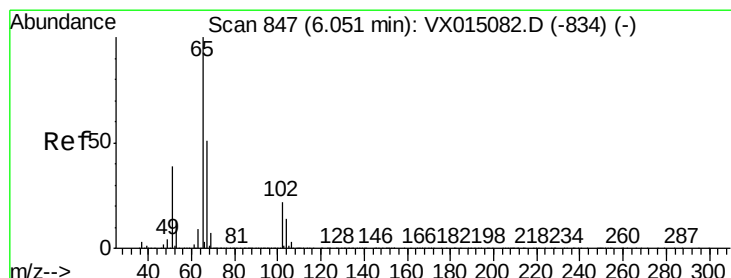
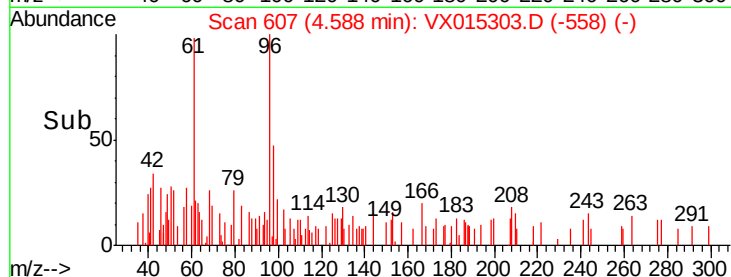
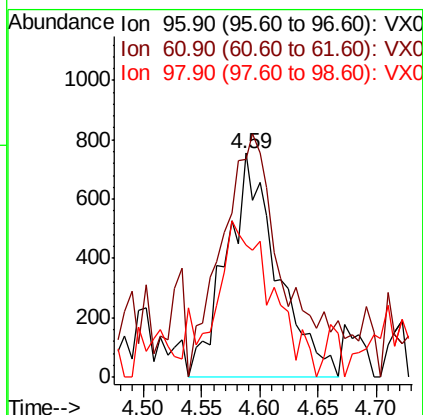
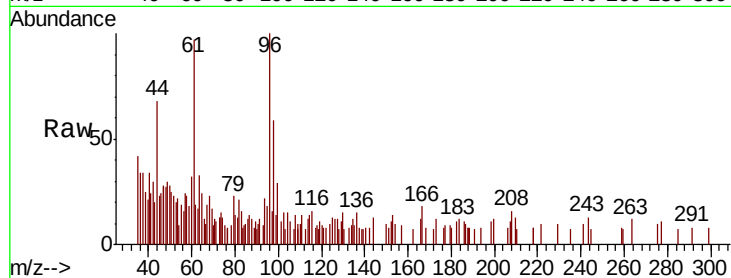


#27

cis-1,2-Dichloroethene
Concen: 0.649 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20200312

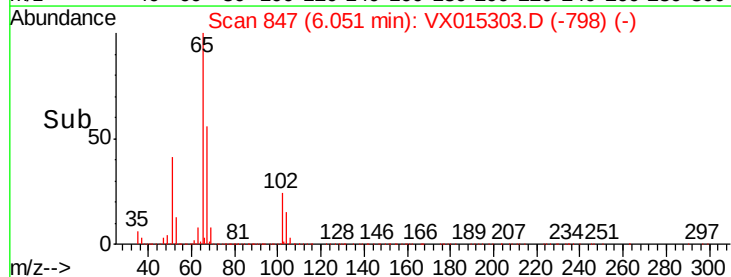
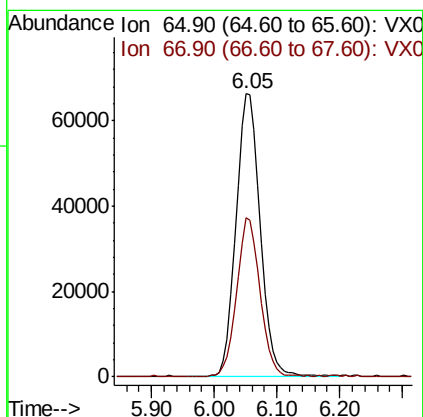
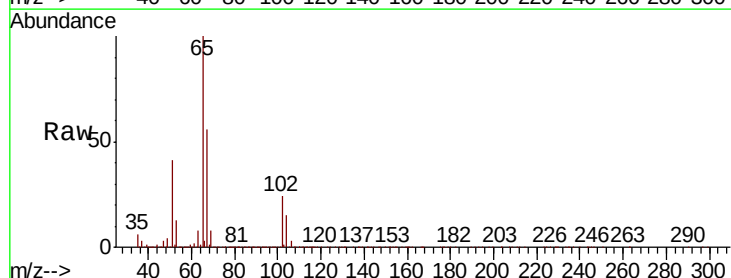
Tot Ion: 96 Resp: 2282
Ion Ratio Lower Upper
96 100
61 123.4 0.0 286.8
98 70.8 0.0 128.4

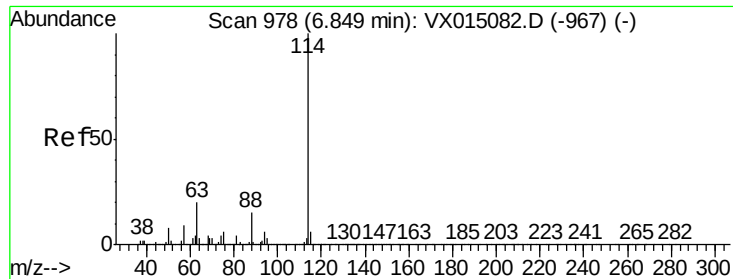


#33

1,2-Dichloroethane-d4
Concen: 49.601 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

Tgt Ion: 65 Resp: 177733
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.6

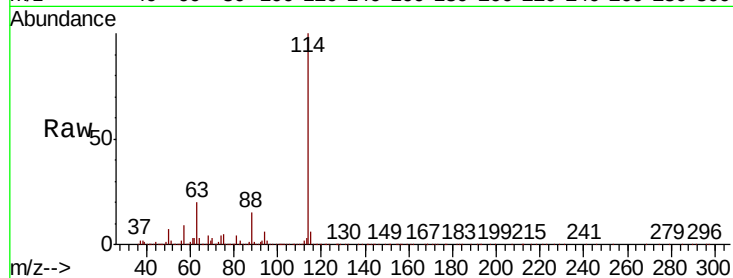




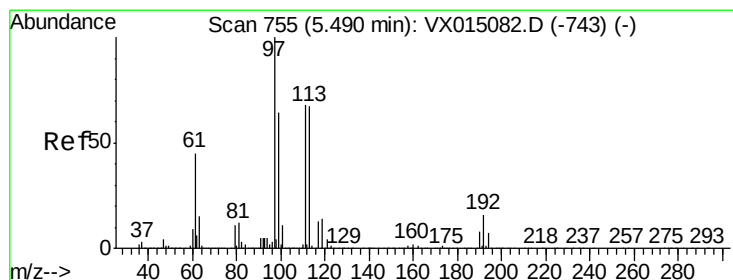
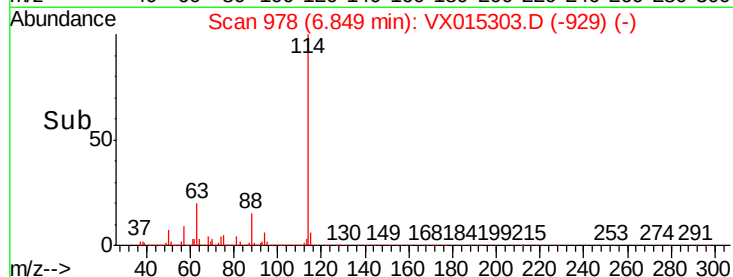
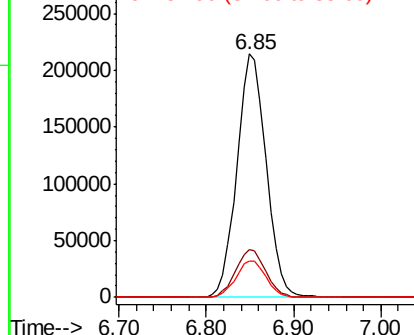
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20200312

Tot Ion:114 Resp: 496538
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.1 0.0 30.6

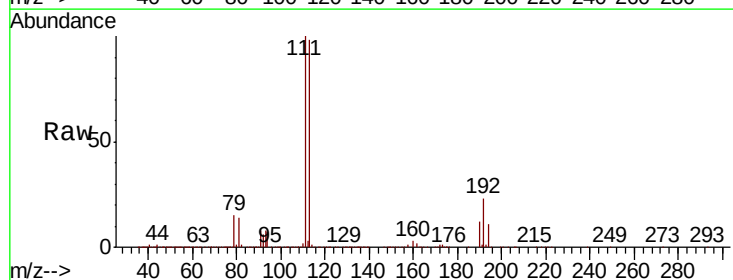


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

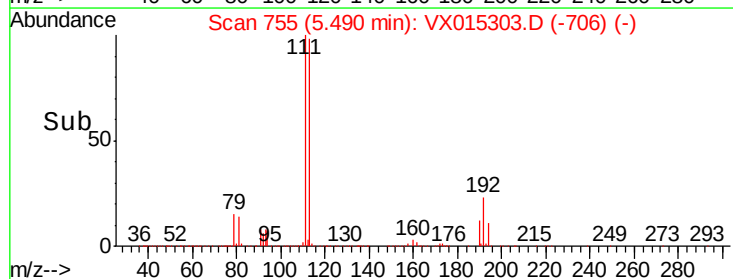
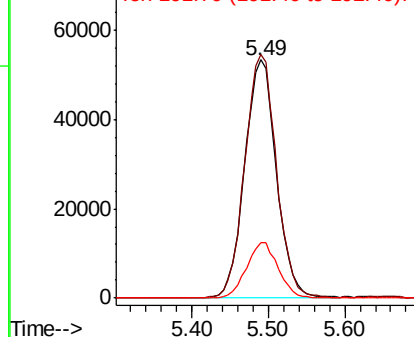


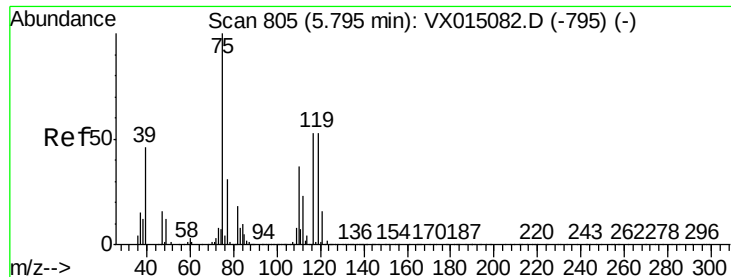
#35
Dibromofluoromethane
Concen: 49.152 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

Tgt Ion:113 Resp: 153969
Ion Ratio Lower Upper
113 100
111 101.3 82.6 123.8
192 23.5 18.6 28.0



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

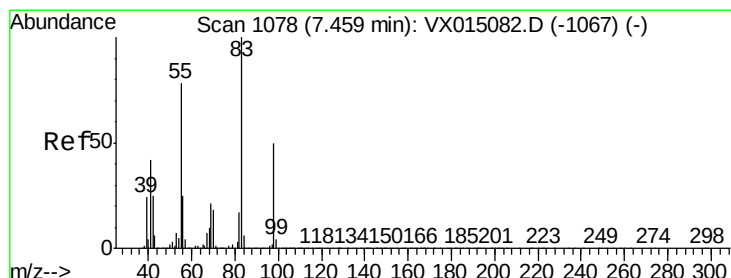
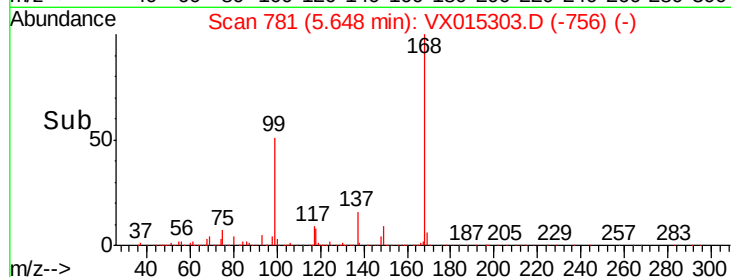
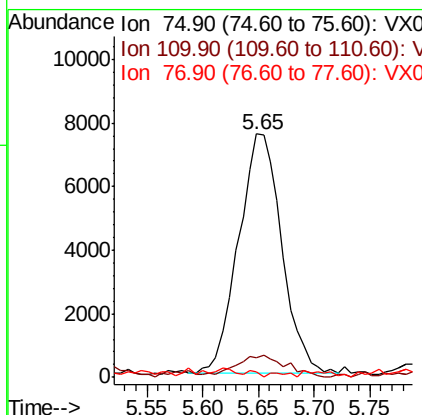
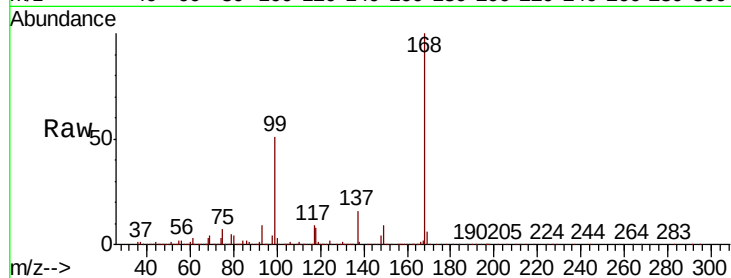




#36
 1,1-Dichloropropene
 Concen: 4.394 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX015303.D
 Acq: 16 Mar 2020 18:58

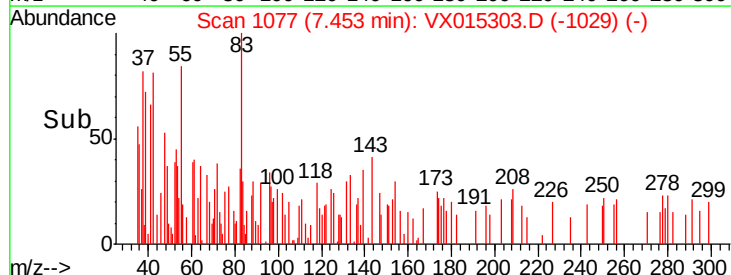
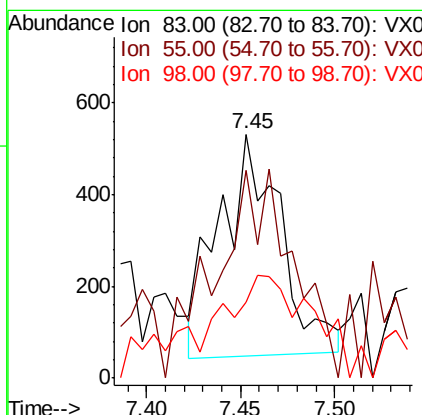
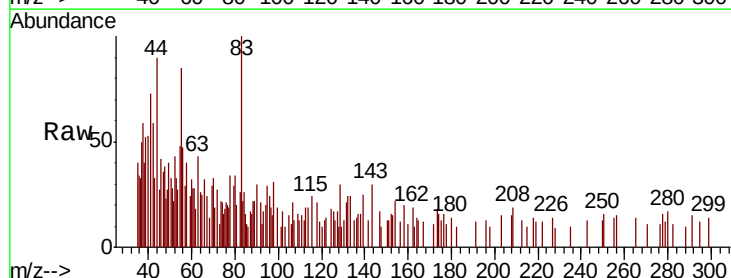
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20200312

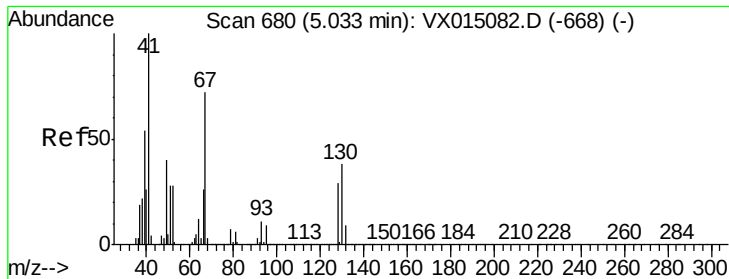
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.9	17.9	53.8#
77	0.9	24.8	37.2#



#39
 Methylcyclohexane
 Concen: 0.203 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX015303.D
 Acq: 16 Mar 2020 18:58

Tgt Ion	Ratio	Lower	Upper
83	100		
55	106.3	62.4	93.6#
98	12.4	39.7	59.5#

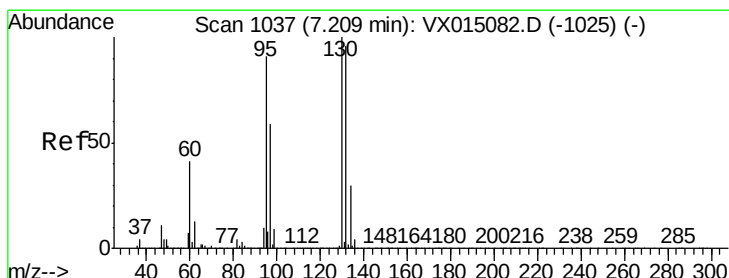
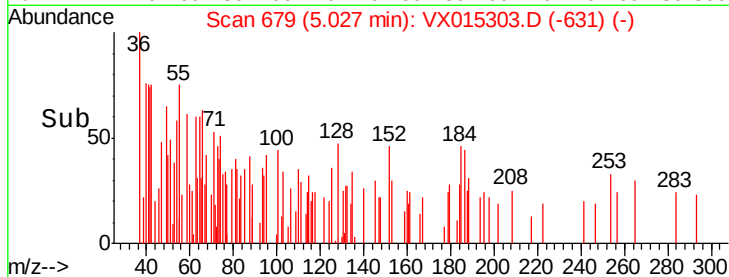
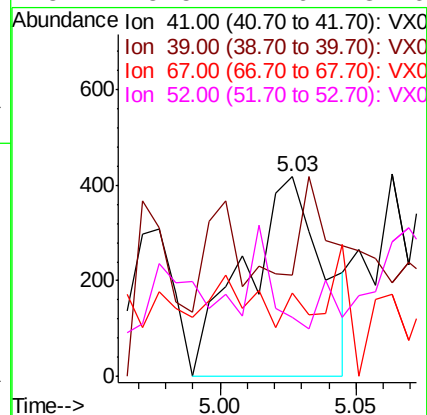
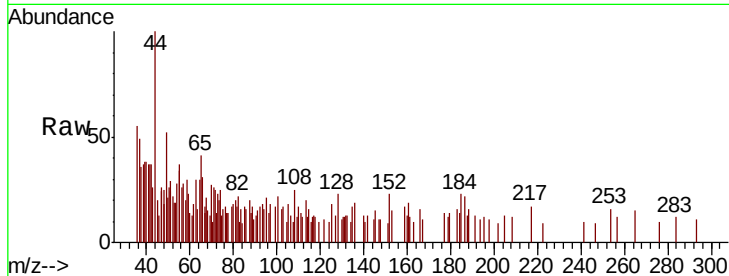




#41
Methacrylonitrile
Concen: 0.327 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

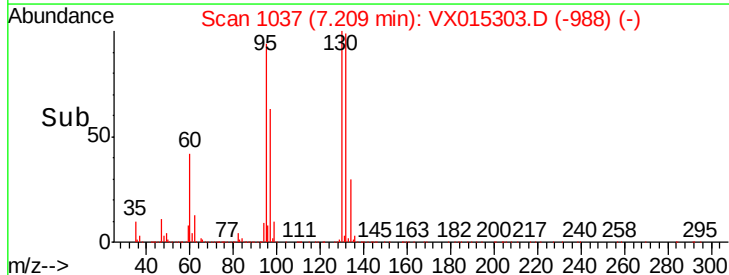
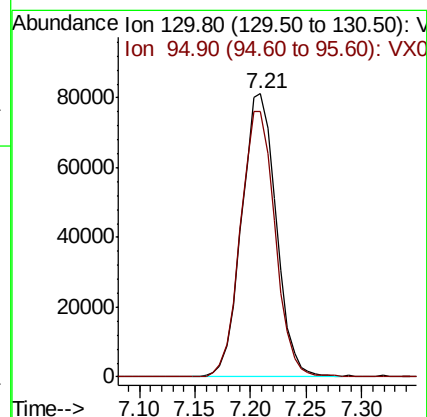
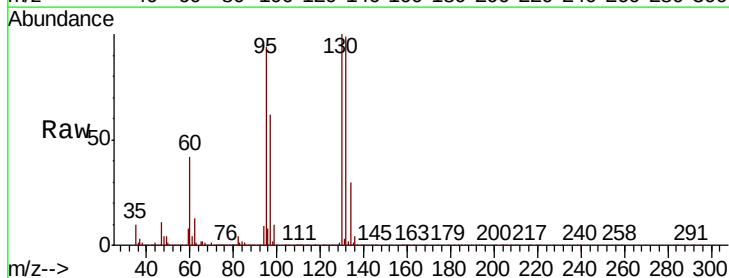
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20200312

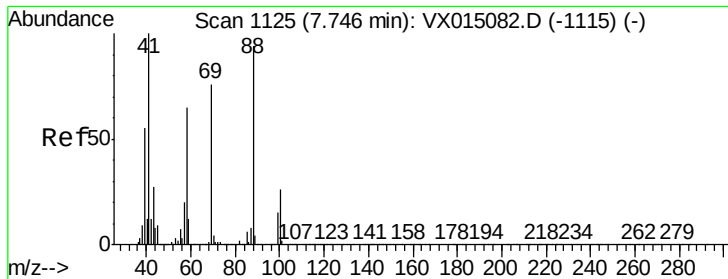
Tot Ion:	41	Resp:	837
Ion	Ratio	Lower	Upper
41	100		
39	65.5	43.9	65.9
67	0.0	57.8	86.8#
52	5.5	22.6	34.0#



#44
Trichloroethene
Concen: 46.093 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

Tgt Ion:	130	Resp:	174819
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	181.2





#49

1,4-Dioxane

Concen: 12.993 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.01 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20200312

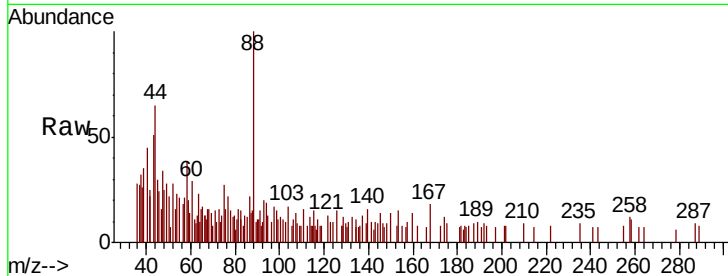
Tot Ion: 88 Resp: 1071

Ion Ratio Lower Upper

88 100

43 101.2 27.0 40.4#

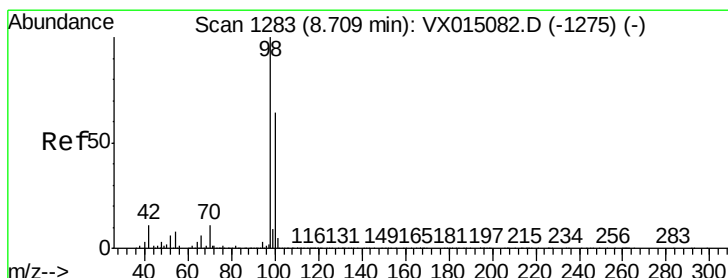
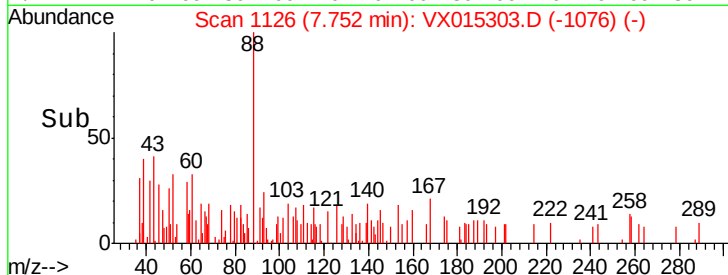
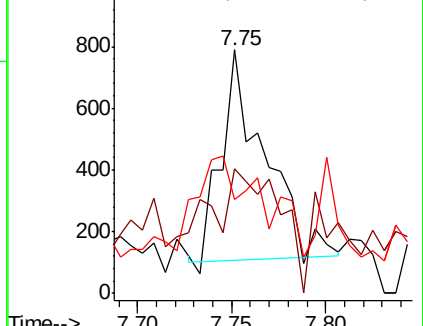
58 93.3 55.6 83.4#



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: 51.469 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015303.D

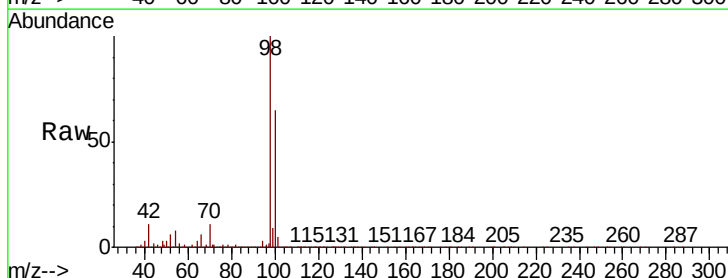
Acq: 16 Mar 2020 18:58

Tgt Ion: 98 Resp: 613279

Ion Ratio Lower Upper

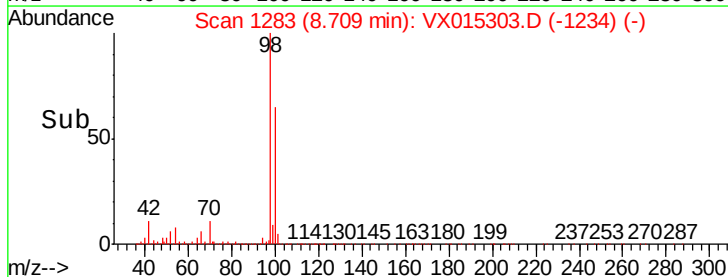
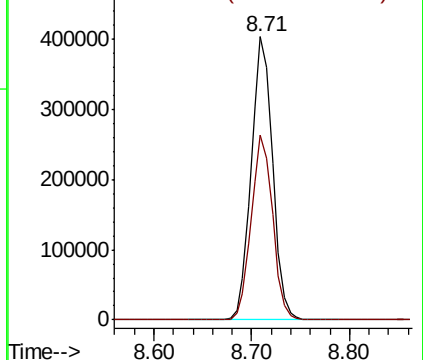
98 100

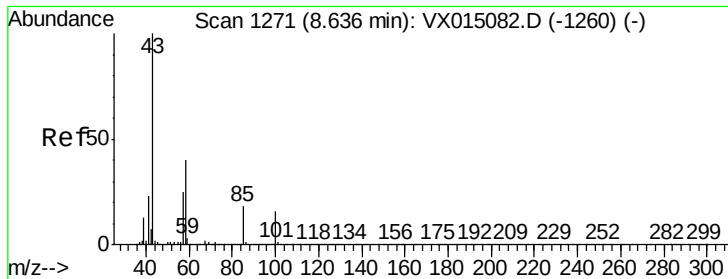
100 65.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

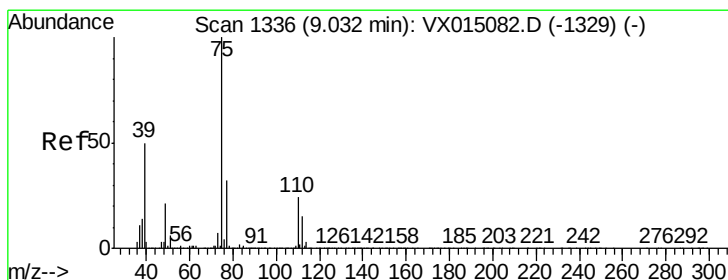
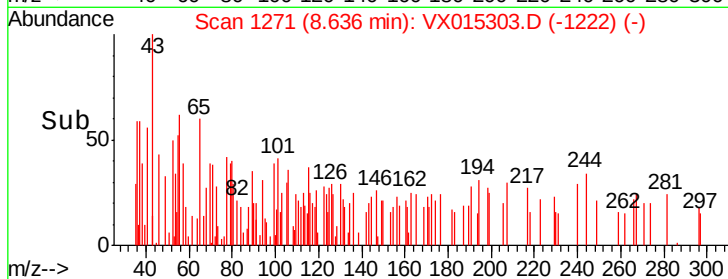
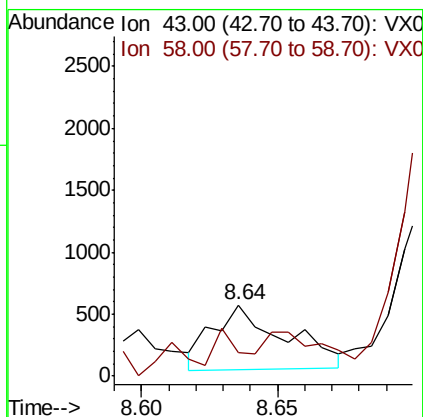
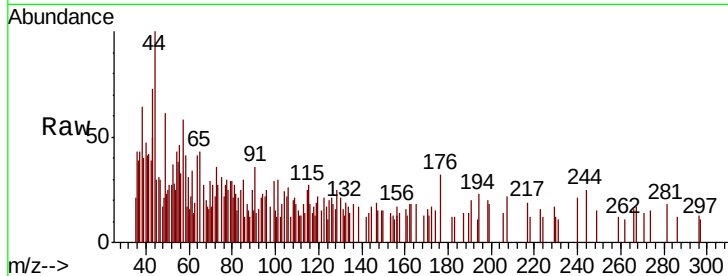




#51
4-Methyl-2-Pentanone
Concen: 0.216 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

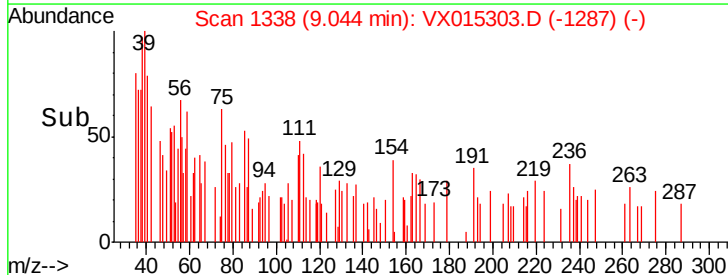
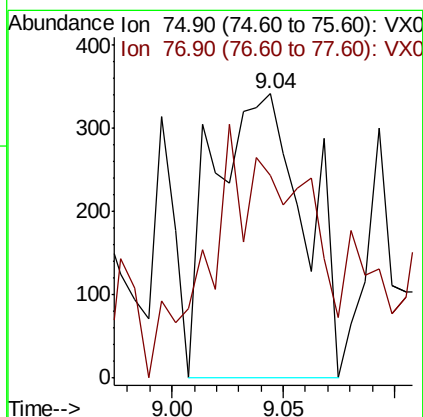
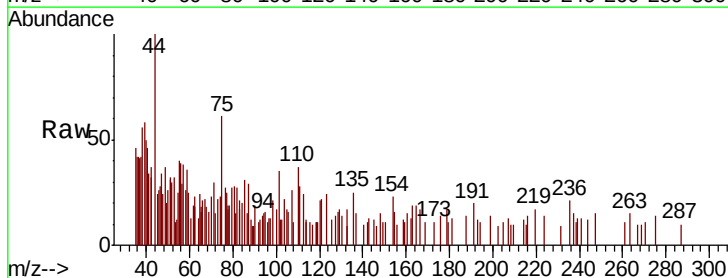
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20200312

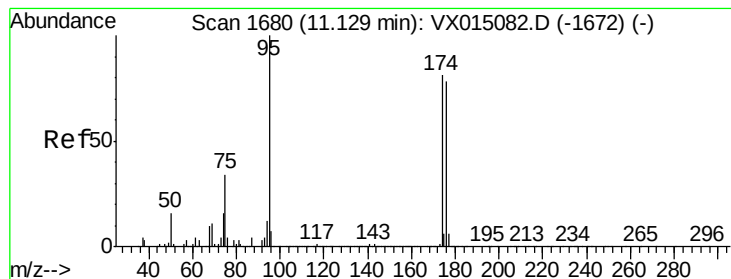
Tot Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 19.6 31.6 47.4#



#53
t-1,3-Dichloropropene
Concen: 0.201 ug/l
RT: 9.04 min Scan# 1338
Delta R.T. 0.01 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

Tgt Ion: 75 Resp: 973
Ion Ratio Lower Upper
75 100
77 50.1 25.4 38.0#





#62

4-Bromofluorobenzene

Concen: 52.476 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20200312

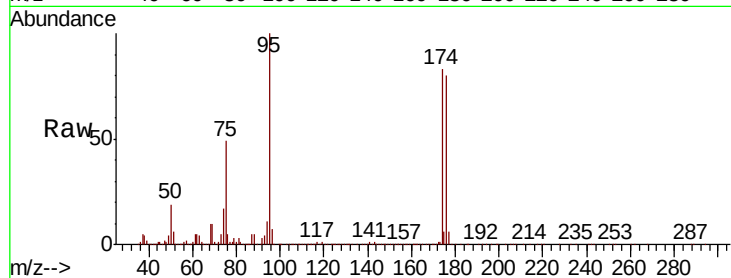
Tot Ion: 95 Resp: 223031

Ion Ratio Lower Upper

95 100

174 90.0 0.0 177.6

176 86.6 0.0 170.2

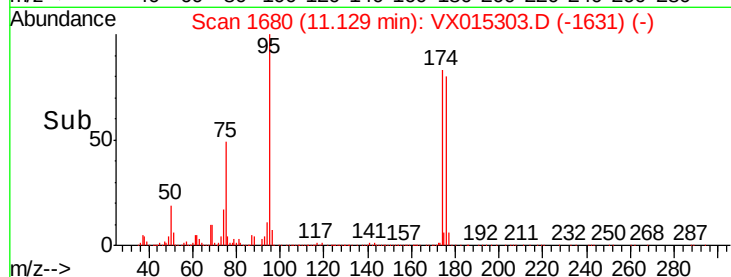


Abundance Ion 94.90 (94.60 to 95.60): VX015082.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX015082.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX015082.D (-1672) (-)

Time-->

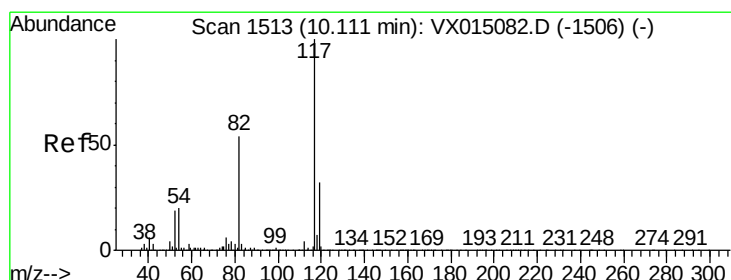


Abundance Ion 94.90 (94.60 to 95.60): VX015303.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015303.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015303.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

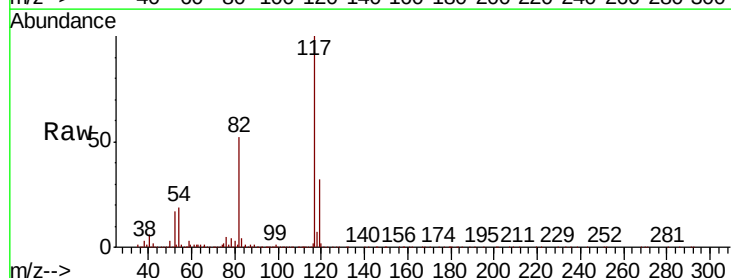
Tgt Ion: 117 Resp: 482635

Ion Ratio Lower Upper

117 100

82 52.0 43.3 64.9

119 32.0 25.8 38.8

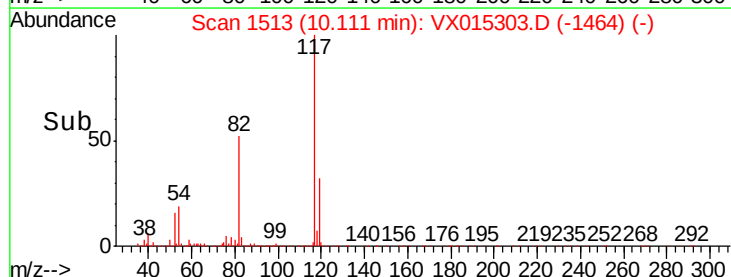


Abundance Ion 116.90 (116.60 to 117.60): VX015082.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX015082.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX015082.D (-1506) (-)

Time-->

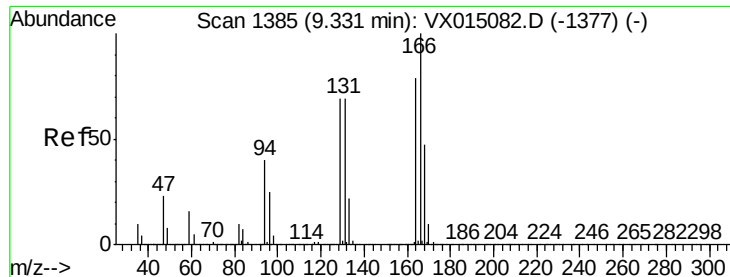


Abundance Ion 116.90 (116.60 to 117.60): VX015303.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015303.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015303.D (-1464) (-)

Time-->



#64

Tetrachloroethene

Concen: 2.777 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20200312

Tot Ion:164 Resp: 11083

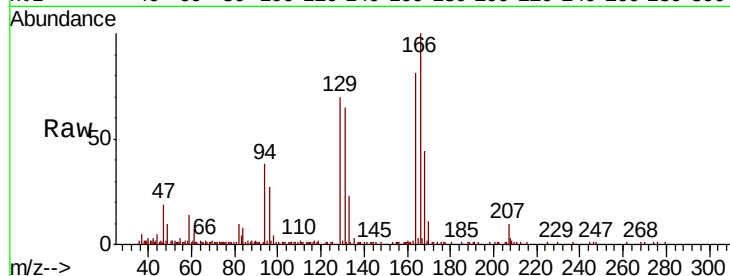
Ion Ratio Lower Upper

164 100

166 123.2 101.1 151.7

129 86.8 69.4 104.0

131 80.4 69.8 104.8

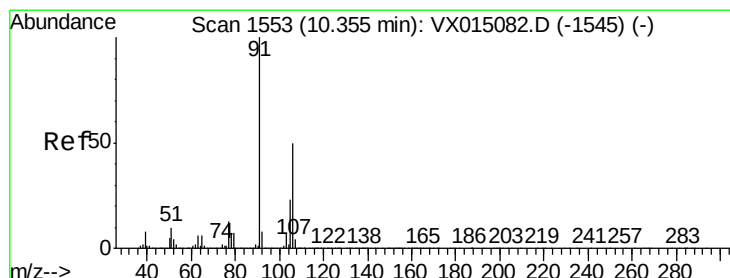
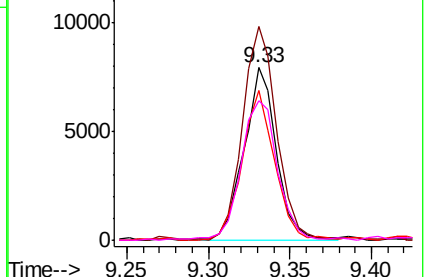
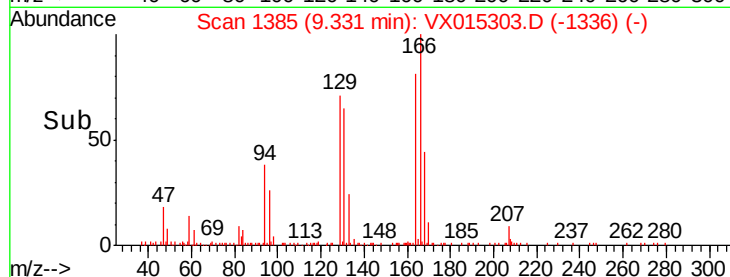


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#68

m/p-Xylenes

Concen: 0.251 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015303.D

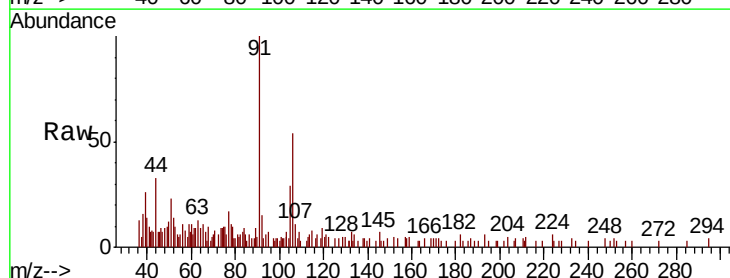
Acq: 16 Mar 2020 18:58

Tgt Ion:106 Resp: 1569

Ion Ratio Lower Upper

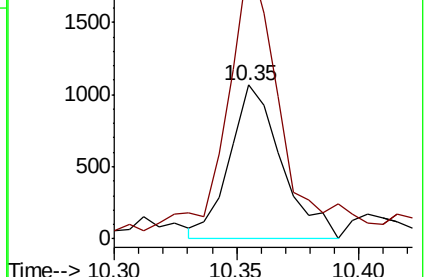
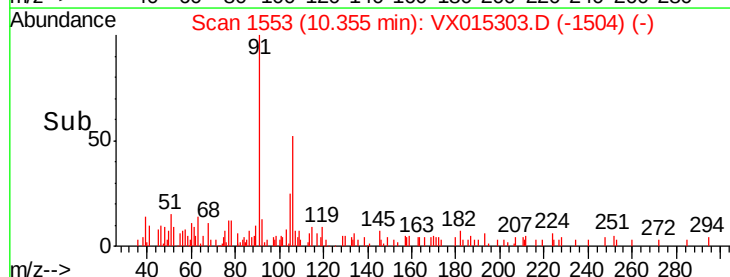
106 100

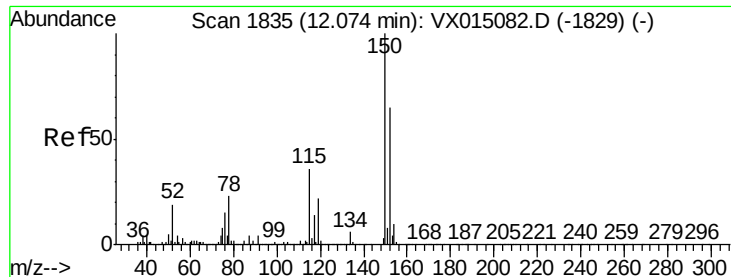
91 183.4 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



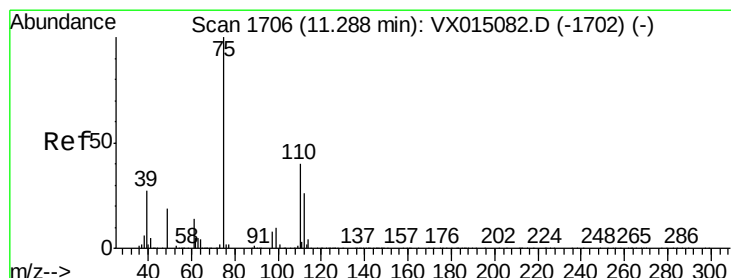
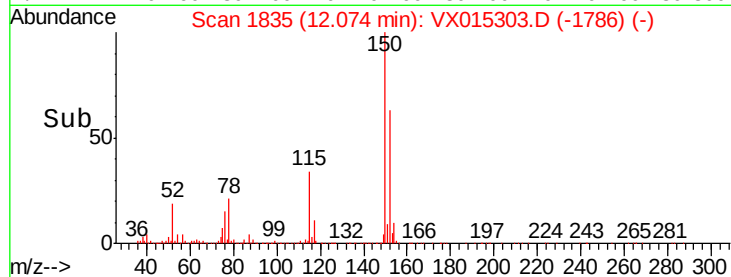
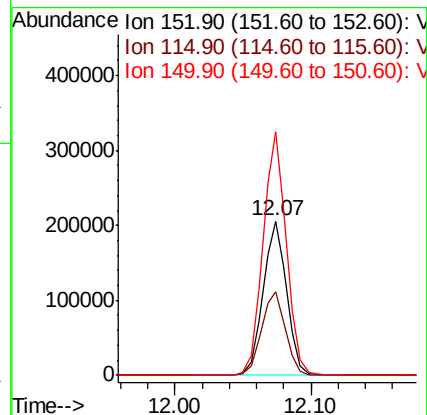
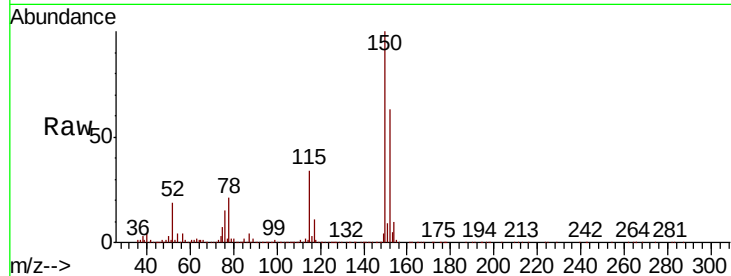


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20200312

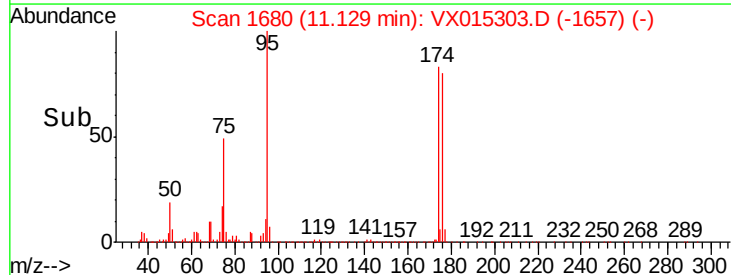
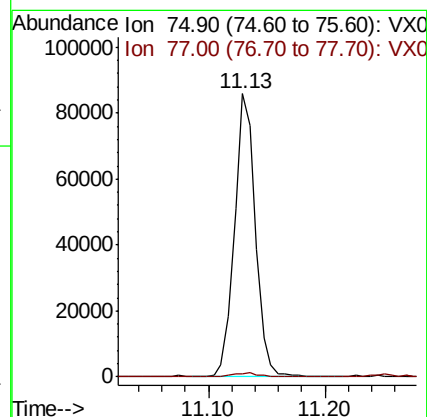
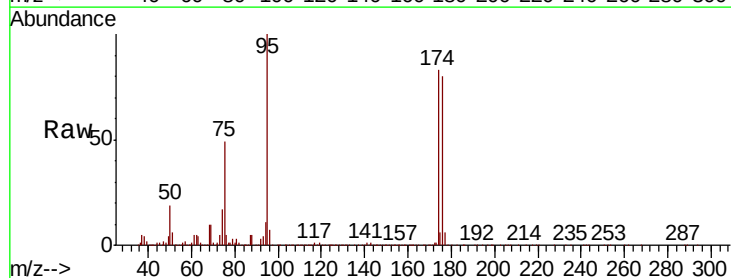
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.2	114.6
150	156.5	0.0	343.8

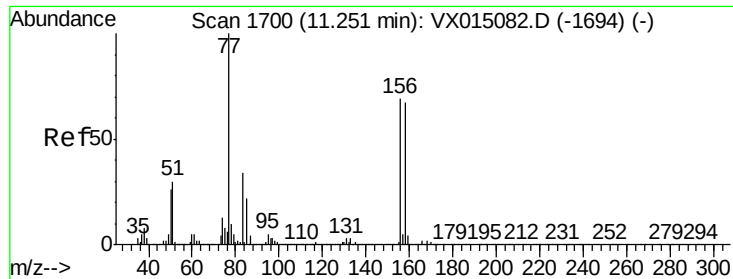


#76

1,2,3-Trichloropropane
Concen: 21.397 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.6	67.8#





#77

Bromobenzene

Concen: 0.201 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20200312

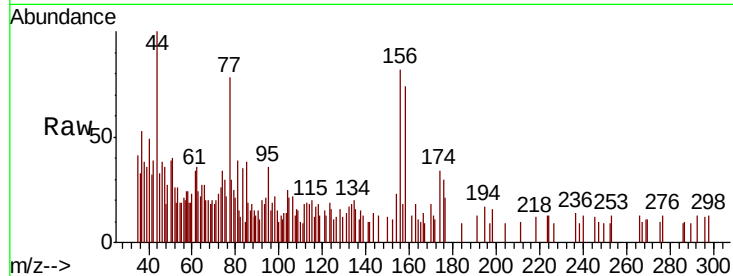
Tot Ion:156 Resp: 892

Ion Ratio Lower Upper

156 100

77 165.9 75.3 225.9

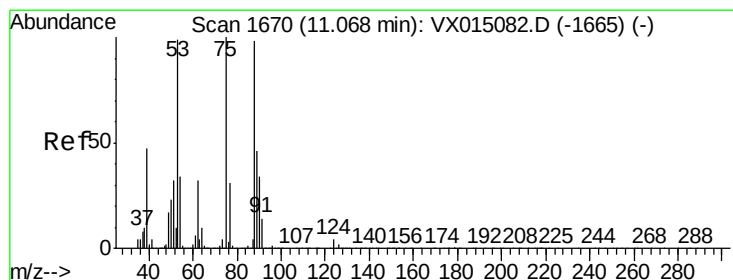
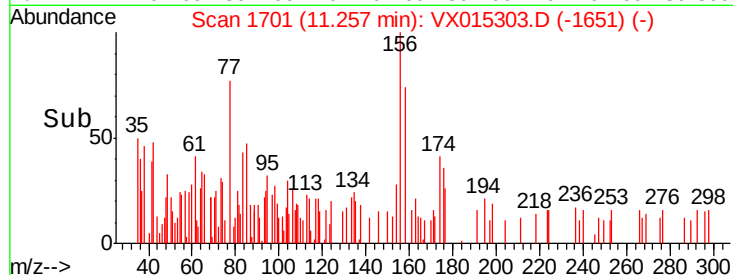
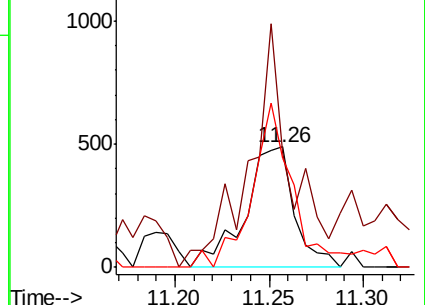
158 112.7 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 60.725 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

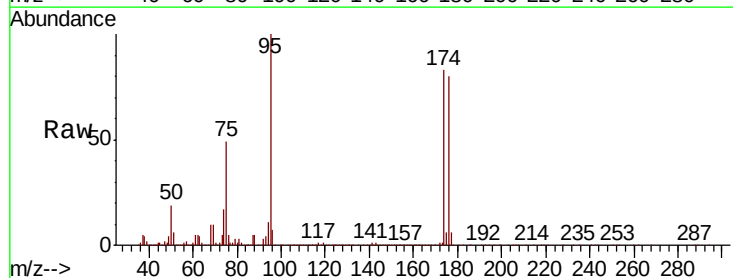
Tgt Ion: 75 Resp: 106471

Ion Ratio Lower Upper

75 100

53 0.3 77.9 116.9#

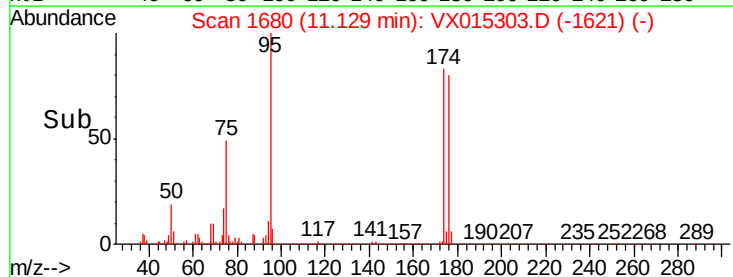
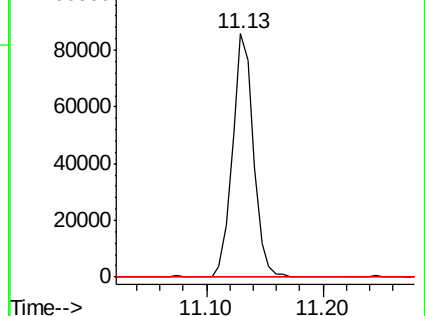
89 0.0 36.2 54.2#

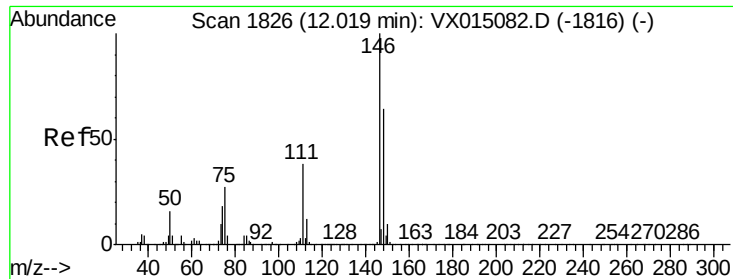


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#87

1,3-Dichlorobenzene

Concen: 0.292 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20200312

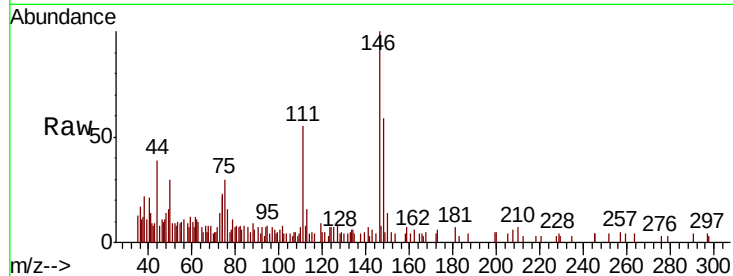
Tot Ion:146 Resp: 2281

Ion Ratio Lower Upper

146 100

111 62.4 19.1 57.1#

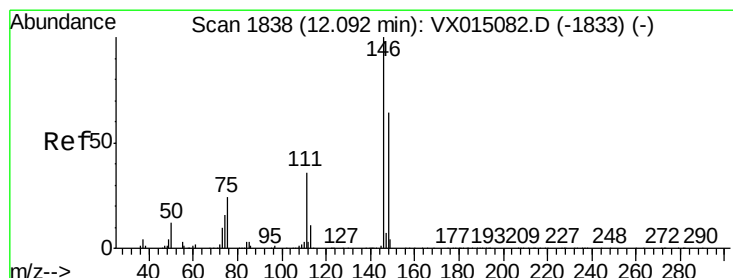
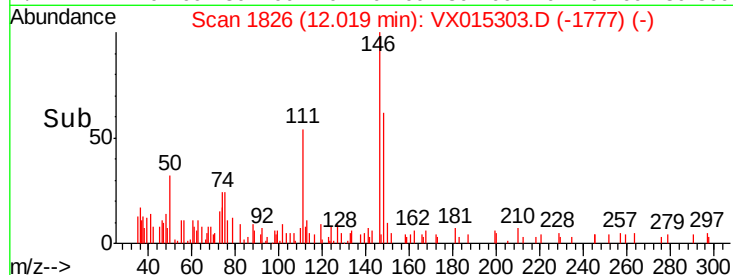
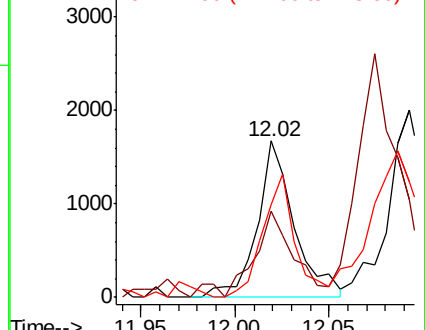
148 68.9 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 0.368 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

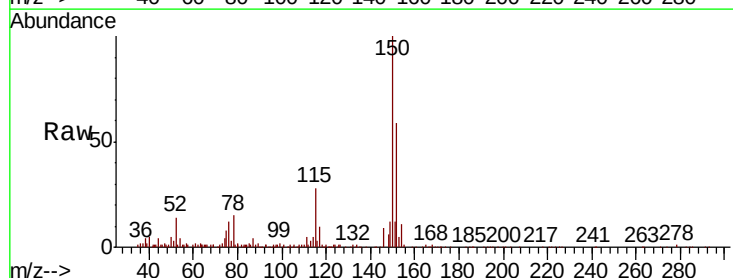
Tgt Ion:146 Resp: 2967

Ion Ratio Lower Upper

146 100

111 136.3 18.7 56.1#

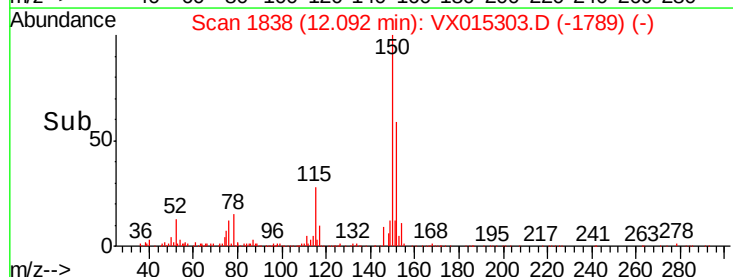
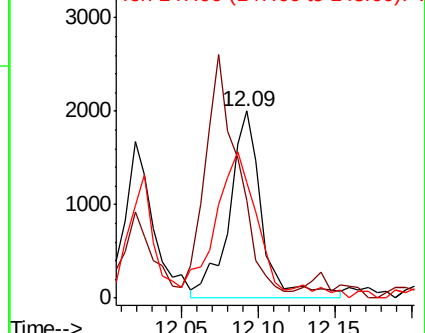
148 87.0 32.5 97.4

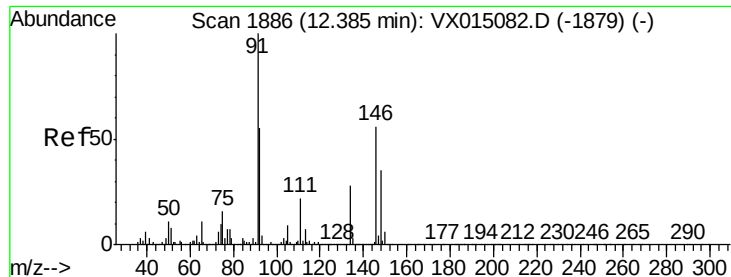


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

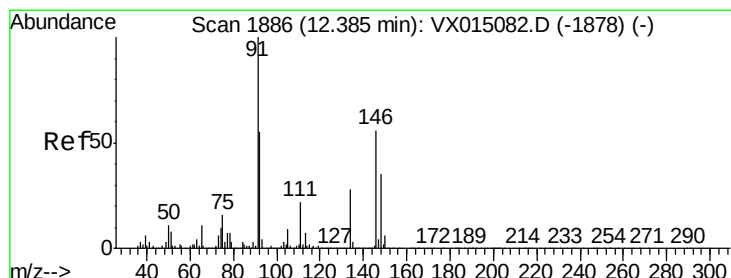
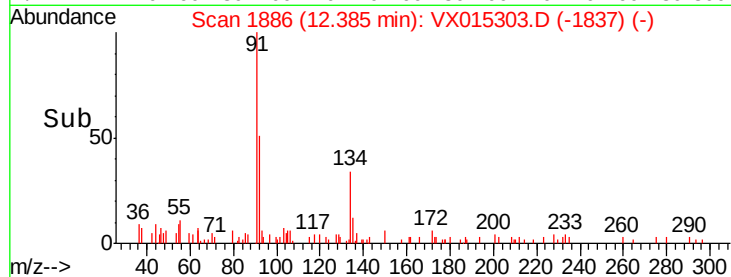
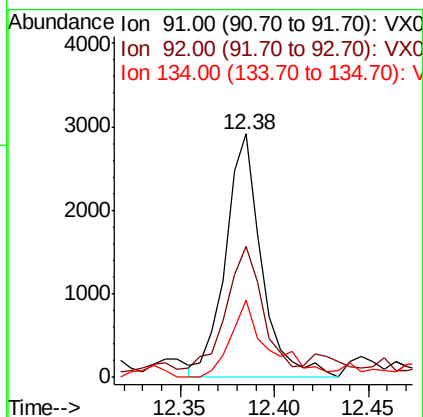
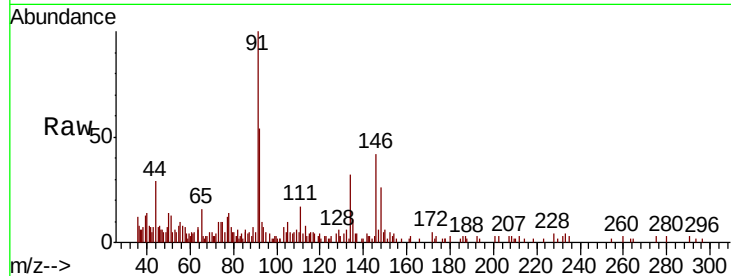




#89
n-Butylbenzene
Concen: 0.305 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

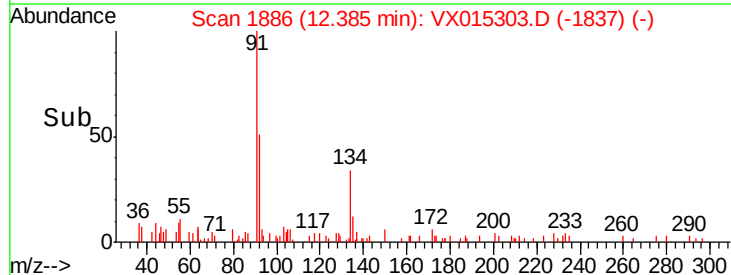
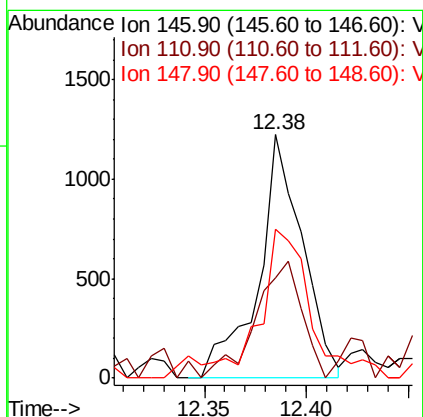
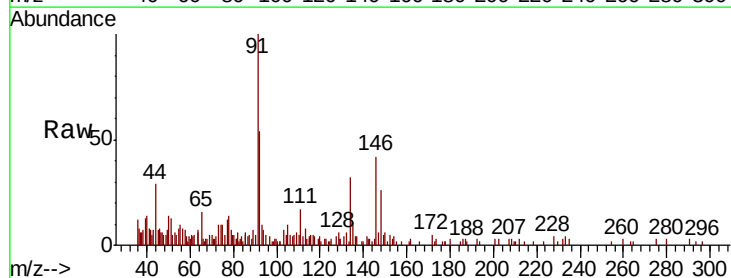
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20200312

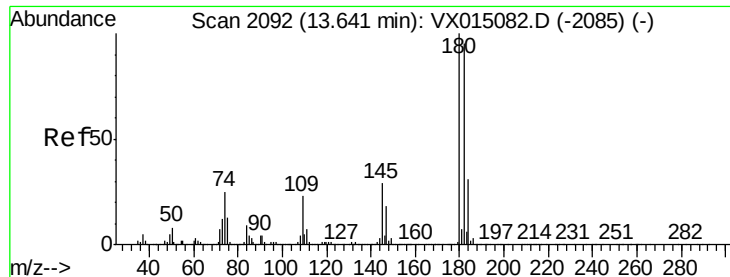
Tot Ion:	91	Resp:	3864
Ion	Ratio	Lower	Upper
91	100		
92	52.1	27.2	81.6
134	33.2	13.5	40.5



#91
1,2-Dichlorobenzene
Concen: 0.237 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015303.D
Acq: 16 Mar 2020 18:58

Tgt Ion:	146	Resp:	1841
Ion	Ratio	Lower	Upper
146	100		
111	50.2	19.9	59.7
148	68.0	32.3	96.8

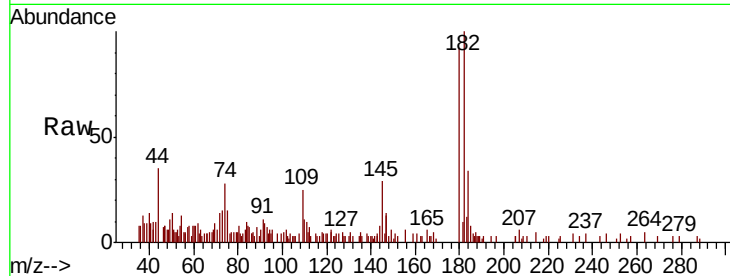




#93
 1,2,4-Trichlorobenzene
 Concen: 0.545 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015303.D
 Acq: 16 Mar 2020 18:58

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20200312

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.6	142.8
145	33.9	14.1	42.2

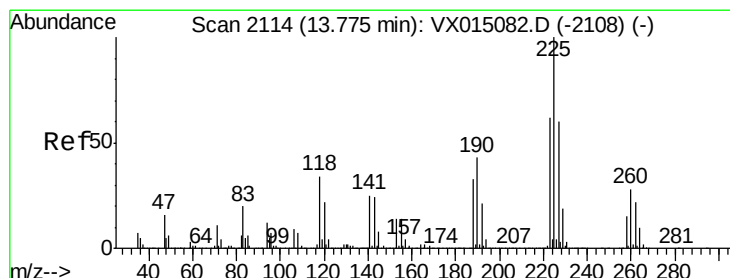
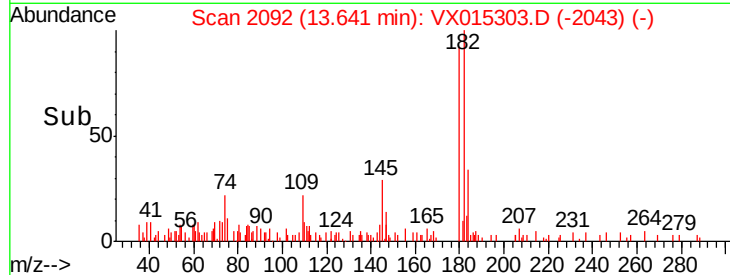
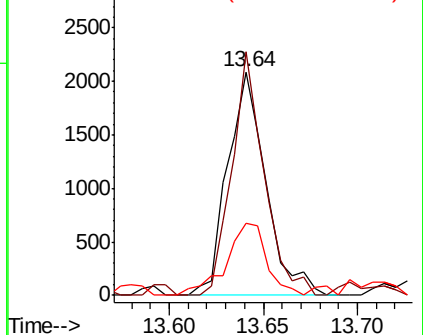


Abundance

Ion 179.80 (179.50 to 180.50): V

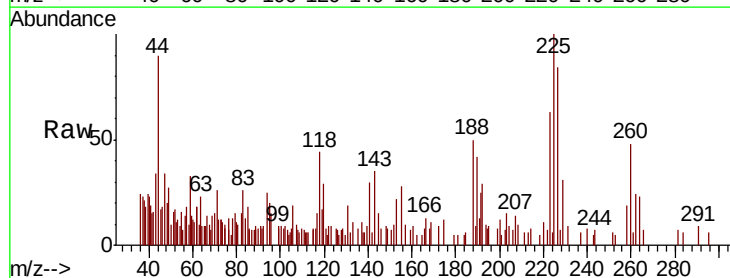
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 0.621 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015303.D
 Acq: 16 Mar 2020 18:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.3	93.9
227	82.5	31.1	93.2

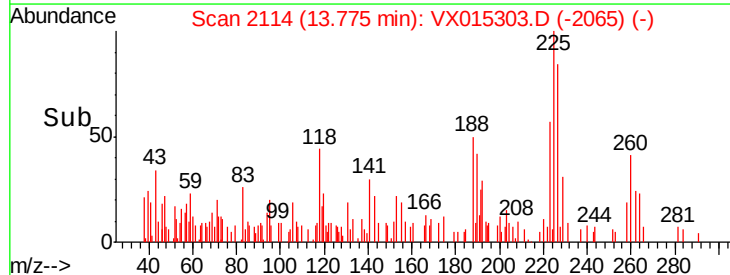
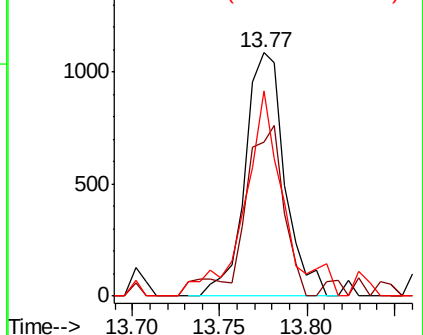


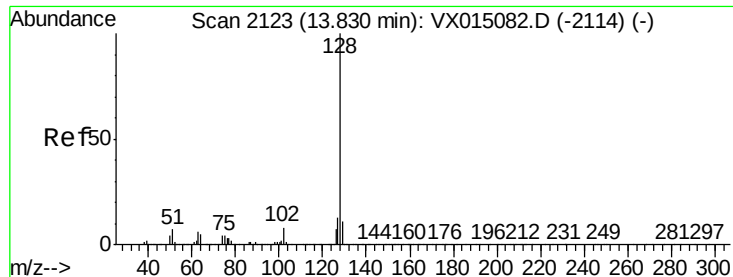
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.737 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20200312

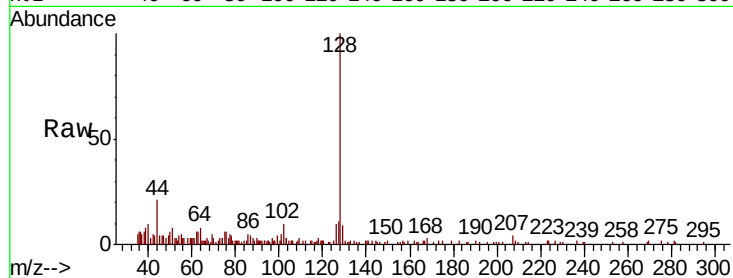
Tot Ion:128 Resp: 5397

Ion Ratio Lower Upper

128 100

127 19.8 10.3 15.5#

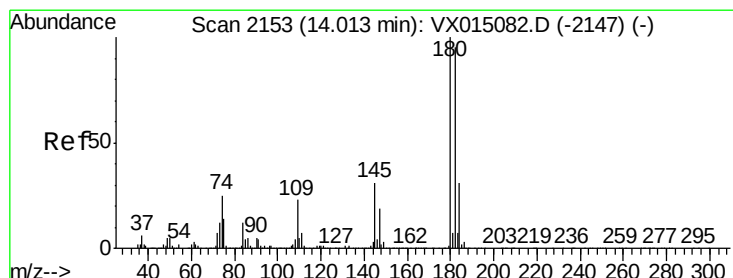
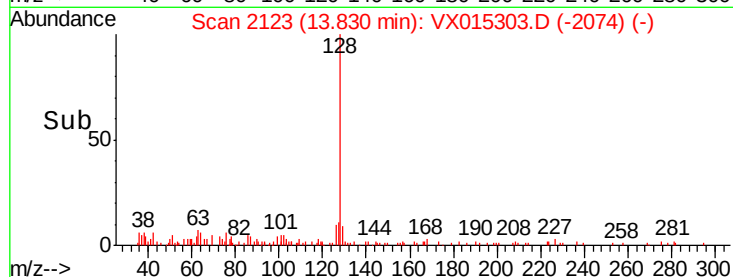
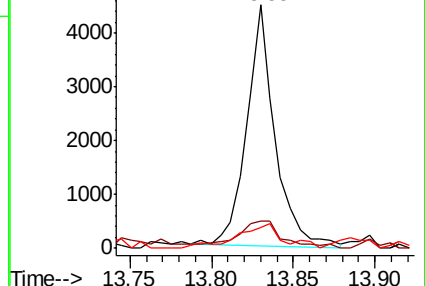
129 16.6 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.518 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015303.D

Acq: 16 Mar 2020 18:58

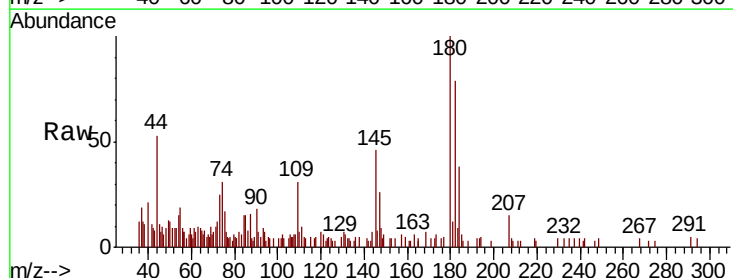
Tgt Ion:180 Resp: 2785

Ion Ratio Lower Upper

180 100

182 86.8 47.8 143.4

145 39.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

